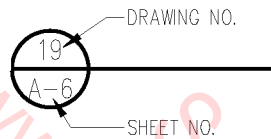


# LEGEND OF SYMBOLS



BUILDING/WALL SECTION



DETAIL



WINDOW TYPE



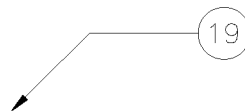
DOOR NUMBER



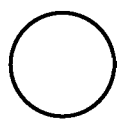
ELEVATION



REVISION



KEYNOTE



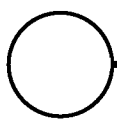
# LEGEND OF SYMBOLS

N.T.S.

01C-3003

LUMBER USAGE	ALLOWABLE UNIT STRESS (POUNDS PER SQUARE INCH)	MODULUS OF ELASTICITY (POUNDS PER SQUARE INCH)	SPECIES & GRADE OR COMBINATION SYMBOL
2X4 STUDS	F <sub>c</sub> (PARALLEL) = 600 P.S.I.	1.5 X 10 <sup>6</sup> P.S.I.	D.F.L. #3
2X6 STUDS	F <sub>c</sub> (PARALLEL) = 675 P.S.I.	1.5 X 10 <sup>6</sup> P.S.I.	D.F.L. #3
2X6 THRU 2X14 JOISTS	F <sub>b</sub> (REPETITIVE) = 1450 P.S.I.	1.7 X 10 <sup>6</sup> P.S.I.	D.F.L. #2
4X BEAMS	F <sub>b</sub> (SINGLE) = 1250 P.S.I.	1.7 X 10 <sup>6</sup> P.S.I.	D.F.L. #2
6X BEAMS	F <sub>b</sub> (SINGLE) = 1350 P.S.I.	1.6 X 10 <sup>6</sup> P.S.I.	D.F.L. #1
4X4 POSTS	F <sub>c</sub> (PARALLEL) = 1000 P.S.I.	1.7 X 10 <sup>6</sup> P.S.I.	D.F.L. #2
6X6 POSTS	F <sub>c</sub> (PARALLEL) = 1000 P.S.I.	1.6 X 10 <sup>6</sup> P.S.I.	D.F.L. #1
TIMBERS (VEGAS)	F <sub>b</sub> (SINGLE) = 1200 P.S.I.	1.6 X 10 <sup>6</sup> P.S.I.	D.F.L. #1
DECKING	F <sub>b</sub> (REPETITIVE) = 1650 P.S.I.	1.7 X 10 <sup>6</sup> P.S.I.	COMMERCIAL D.F.L.
GLUE-LAM BEAMS	F <sub>b</sub> (SIMPLE) = 2400 P.S.I.	1.8 X 10 <sup>6</sup> P.S.I.	DF/DF 24F-V4
GLUE-LAM BEAMS	F <sub>b</sub> (CANTILEVER) = 2400 P.S.I. or (CONTINUOUS)	1.8 X 10 <sup>6</sup> P.S.I.	DF/DF 24F-V8

\* ALL LUMBER TO BEAR APPROVED GRADING STAMP



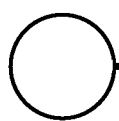
# LUMBER SCHEDULE

NOT TO SCALE

01C-3004

WINDOW NO.	ROUGH OPENING	WINDOW TYPE	FRAME MATERIAL	MFG'R	MODEL NUMBER	HEAD	JAMB	SILL	GLAZING	LITES	REMARKS
①	72" X 48"	2	VINYL	LINFORD OR EQUAL					DUAL PANE		
②	72" X 48"	1	VINYL	LINFORD OR EQUAL					DUAL PANE		
③	36" X 48"	1	VINYL	LINFORD OR EQUAL					DUAL PANE		
④	48" X 24"	1	VINYL	LINFORD OR EQUAL					DUAL PANE		
⑤	36" X 36"	1	VINYL	LINFORD OR EQUAL					DUAL PANE		

NOTE: ALL WINDOWS TO HAVE THERMAL BREAK.



# WINDOW SCHEDULE

NOT TO SCALE

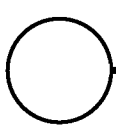
01C-3005

# DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HEAD	JAMB	THRESHOLD	HW. GROUP	GLAZING	FIRE LABEL	REMARKS
①	16'-0" X 7'-0"	A	24 GAGE STEEL	—	PAINTED WOOD				4			ANKER MODEL 240 FLUSH PANELS
②	3'-0" X 6'-8" X 1 3/4"	D	FLUSH OAK	VENEER	OAK OVER			✗	1		20 MIN.	WEATHERSTRIP, CLOSER
③	(2) 2'-0" X 6'-8" X 1 3/8"	E	FLUSH OAK	VENEER	OAK OVER							PAIR
④	2'-0" X 6'-8" X 1 3/8"	C	FLUSH OAK	—	OAK OVER				3			
⑤	3'-0" X 6'-8" X 1 3/4"	B	METAL	—	PAINTED WOOD			✗	1			"PEACHTREE" METAL PANEL 3, WEATHERSTRIP
⑥	2'-6" X 6'-8" X 1 3/8"	D	FLUSH OAK	VENEER	OAK OVER				2			
⑦	(2) 2'-6" X 6'-8" X 1 3/4"	G	FLUSH OAK	VENEER	OAK OVER			✗	1			FRENCH, WEATHERSTRIP
⑧	5'-0" X 6'-8" X 1 3/8"	F	FLUSH OAK	VENEER	OAK OVER							BI-FOLD, PAIR

# HARDWARE SCHEDULE

1. ENTRY DOOR – WEST LOCK "SUN RAY" OR EQUAL, RESIDENTIAL LOCK.
2. BEDROOM DOORS – WEST LOCK "SUN RAY" OR EQUAL, RESIDENTIAL LOCK.
3. BATHROOM DOORS – WEST LOCK "SUN RAY" OR EQUAL, PRIVACY LOCK.
4. AUTOMATIC OPENER – GENIE "BLUE MAX" WITH KEYLESS REMOTE AND PHOTO EYE WITH FOUR TRANSMITTERS.



## DOOR/HARDWARE SCHEDULE

NOT TO SCALE

01C-3006

## DOOR SCHEDULE

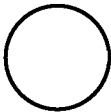
DOOR MARK	WIDTH	HGT.	THK.	DOOR TYPE	MAT'L	FRAME TYPE	MAT'L	HARDWARE	LABEL	HEAD	JAMB	THRESHOLD	REMARKS
101A	3'-0"	7'-0"	1 3/4"	A	ALUM.	---	ALUM.	1	---	---	---	---	
101B	3'-0"	7'-0"	1 3/4"	A	ALUM.	---	ALUM.	1	---	---	---	---	
101C	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	2	---	---	---	---	
101D	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	2	---	---	---	---	
104A	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	3	---	---	---	---	
105A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
106A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
108A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
111A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
112A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
113A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
114A	3'-0"	7'-0"	1 3/4"	B	H.M.	1	H.M.	4	---	---	---	---	3
114B	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	5	20 MIN.	---	---	---	
115A	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	6	20 MIN.	---	---	---	
116A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
117A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	7	---	---	---	---	
119A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	8	---	---	---	---	
120A	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
121A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	8	---	---	---	---	
123A	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
124A	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
124B	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
124C	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	10	---	---	---	---	
124D	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	10	---	---	---	---	
125A	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	3	---	---	---	---	
125B	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	3	---	---	---	---	
127A	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	3	---	---	---	---	2
128A	2'-6"	7'-0"	1 3/8"	C	H.C.	4	H.M.	7	---	---	---	---	2
130A	2'-6"	7'-0"	1 3/8"	C	H.C.	5	H.M.	9	---	---	---	---	
131A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
132A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
133A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
134A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
135A	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
137A	3'-0"	7'-0"	1 3/4"	C	S.C.	1	H.M.	5	20 MIN.	---	---	---	
138A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	8	---	---	---	---	
139A	2'-4"	7'-0"	1 3/8"	C	H.C.	2	H.M.	9	---	---	---	---	
141A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	8	---	---	---	---	
142A													
143A													
144A													
148A													
148B	3'-0"	7'-0"	1 3/4"	B	H.M.	1	H.M.	4	---	---	---	---	3
150A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	3	---	---	---	---	
151A	3'-0"	7'-0"	1 3/8"	C	H.C.	1	H.M.	9	---	---	---	---	
151B	PR. 3'-0"	7'-0"	1 3/8"	C	H.C.	3	H.M.	11	---	---	---	---	
151C	3'-0"	7'-0"	1 3/4"	B	H.M.	1	H.M.	4	---	---	---	---	
151D	3'-0"	7'-0"	1 3/4"	B	H.M.	1	H.M.	4	---	---	---	---	
151E	12'-0"	14'-0"	24 GA.	D	STL.	MFG.	---	MFG.	---	---	---	---	
151F	12'-0"	14'-0"	24 GA.	D	STL.	MFG.	---	MFG.	---	---	---	---	
151G	12'-0"	14'-0"	24 GA.	D	STL.	MFG.	---	MFG.	---	---	---	---	
152A	3'-0"	7'-0"	1 3/8"	C	H.C.	9	H.M.	MFG.	---	---	---	---	

## DOOR SCHEDULE

DOOR MARK	WIDTH	HGT.	THK.	DOOR TYPE	MAT'L	FRAME TYPE	MAT'L	HARDWARE	LABEL	HEAD	JAMB	THRESHOLD	REMARKS
100A	----	----	----	----	----	----	----						1
100B	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.		----	2/A3 SIM.	2/A3	3/A3	4, 5
103A	2'-8"	7'-0"	1-3/8	A	H.M.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
106A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
107A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
108A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
108B	2'-8"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	5
111A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
112A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
113A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
114A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
115A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4
116A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	1B/A3	2, 4, 5
117A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	1B/A3	2, 4, 5
120A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
121A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
122A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
123A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
124A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
125A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	1B/A3	4, 5
125B	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
127A	3'-0"	7'-0"	1-3/8	A	H.C.	A	H.M.			2/A3 SIM.	2/A3	3/A3	4, 5
128A	3'-0"	7'-0"	1-3/8	C	S.C.	A	H.M.			2/A3 SIM.	2/A3	1A/A3	5
128B	3'-0"	7'-0"	1-3/8	C	S.C.	A	H.M.			2/A3 SIM.	2/A3	1A/A3	5
128C	PAIR 3'-0"	7'-0"	1-3/4"	B	H.M.	B	H.M.			2/A3 SIM.	2/A3	1B/A3	5
128D	PAIR 3'-0"	8'-6"	1-3/4"	B	H.M.	C	H.M.			2/A3 SIM.	2/A3	1B/A3	6
128E	-----	-----	-----	-----	-----	-----	-----			-----	-----	-----	1
128F	-----	-----	-----	-----	-----	-----	-----			-----	-----	-----	1

BOLT EMBEDMENT SCHEDULE FOR CONCRETE OR MASONRY	
BOLT DIAMETER	EMBEDMENT
1/2"	5"
5/8"	5"
3/4"	5"
7/8"	6"
1"	7"
<p><u>NOTE:</u> EMBEDMENTS ABOVE ARE MINIMUM UNLESS OTHERWISE SHOWN ON DRAWINGS. MINIMUM EMBEDMENT FOR SILL BOLTS SHALL BE 8" BELOW FINISH FLOOR LINE. EMBEDMENT IS EXCLUSIVE OF DRYPACK.</p>	

# BOLT EMBEDMENT SCHEDULE



N.T.S.

01C-3009

BOLT EMBEDMENT SCHEDULE FOR CONCRETE OR MASONRY	
BOLT DIAMETER	EMBEDMENT
1/2"	5"
5/8"	5"
3/4"	5"
7/8"	6"
1"	7"
<p><u>NOTE:</u> EMBEDMENTS ABOVE ARE MINIMUM UNLESS OTHERWISE SHOWN ON DRAWINGS. MINIMUM EMBEDMENT FOR SILL BOLTS SHALL BE 8" BELOW FINISH FLOOR LINE. EMBEDMENT IS EXCLUSIVE OF DRYPACK.</p>	


 BOLT  
 EMBEDMENT SCHEDULE  
 N.T.S.

01C-3009



## WALL TYPES

### EXTERIOR WALL

2 X 6 STUDS AT 16" O.C.

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### EXTERIOR FINISH

GREY, FLUTED, SPLIT-FACE, BLOCK:  
4" X 8" X 16".

### INTERIOR BEARING WALL

2 X 6 STUDS AT 16" O.C.

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### INTERIOR WALL

2 X 4 STUDS AT 24" O.C. NOT TO BE  
REMOVED.

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### INTERIOR WALL

2 X 4 STUDS AT 24" O.C.

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### TOILET PARTITION

PAINTED METAL, 1" WIDTH.

### EXTERIOR WALL

12" MASONRY WALL.

### ONE HOUR INTERIOR WALL

6" X 25 GA. METAL STUDS @ 16" O.C. FULL HEIGHT TO UNDERSIDE  
OF DECK. SHEATHE WITH ONE LAYER OF 5/8" TYPE "X"  
GYPSUM BOARD EACH SIDE - STAGGER JOINTS & FIRE TAPE.

### ONE HOUR INTERIOR WALL

3 5/8" X 25 GA. METAL STUDS @ 16" O.C. FULL HEIGHT TO  
UNDERSIDE OF DECK ABOVE. SHEATHE EACH SIDE WITH ONE  
LAYER OF 5/8" TYPE "X" GYPSUM BOARD ON EACH SIDE -  
STAGGER JOINTS & FIRE TAPE.

### INTERIOR WALL

6" X 25 GA. METAL STUDS @ 24" O.C. TO 8'-0". SHEATHE EACH  
SIDE WITH 5/8" GYPSUM BOARD - USE MOISTURE RESISTANT  
GYPSUM BOARD @ TOILET ROOMS.

### INTERIOR WALL

3 5/8" X 25 GA. METAL STUDS @ 24" O.C. TO 9'-6". SHEATHE  
EACH SIDE WITH ONE LAYER OF 5/8" GYPSUM BOARD -  
USE MOISTURE RESISTANT GYPSUM BOARD @ TOILET ROOMS.

### "PONY-WALL"

3 5/8" X 18 GA. METAL STUDS @ 24" O.C. HEIGHT VARIES.  
SHEATHE EACH SIDE WITH ONE LAYER OF 5/8" GYPSUM BOARD.

### "PONY-WALL"

3 5/8" X 25 GA. METAL STUDS @ 24" O.C. HEIGHT VARIES.  
SHEATHE ONE SIDE WITH ONE LAYER OF 5/8" GYPSUM BOARD.

### DOUBLE WALL

TWO 3 5/8" X 25 GA. METAL STUDS @ 24" O.C. SHEATHE  
EACH SIDE WITH ONE LAYER OF 5/8" GYPSUM BOARD.

## WALL TYPES

1/8" = 1'-0"

01C-3001

## LEGEND OF MATERIALS:



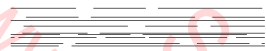
EARTH



CONCRETE



SAND



ROOF



PLYWOOD

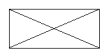
GYPSUM WALLBOARD (GWB)



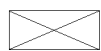
INSULATION



3" SOUND-PROOF INSULATION



WOOD CONTINUOUS



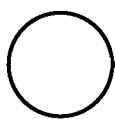
WOOD BLOCKING



WOOD - FINISHED



ASPHALT



## LEGEND OF MATERIALS

N.T.S.

01C-3002

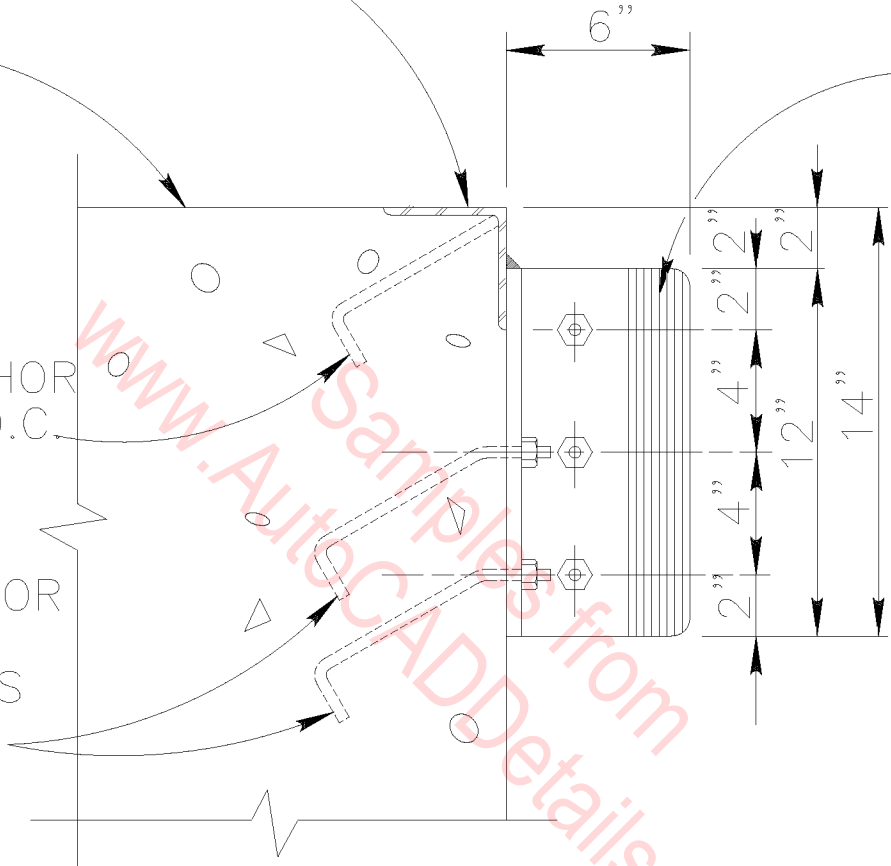
4" X 4" X 1/4" CONT

DOCK FINISH FLOOR

RUBBER TRUCK TIRE BUMPER

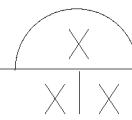
3/8" DIA. ANCHOR RODS @ 16" O.C.

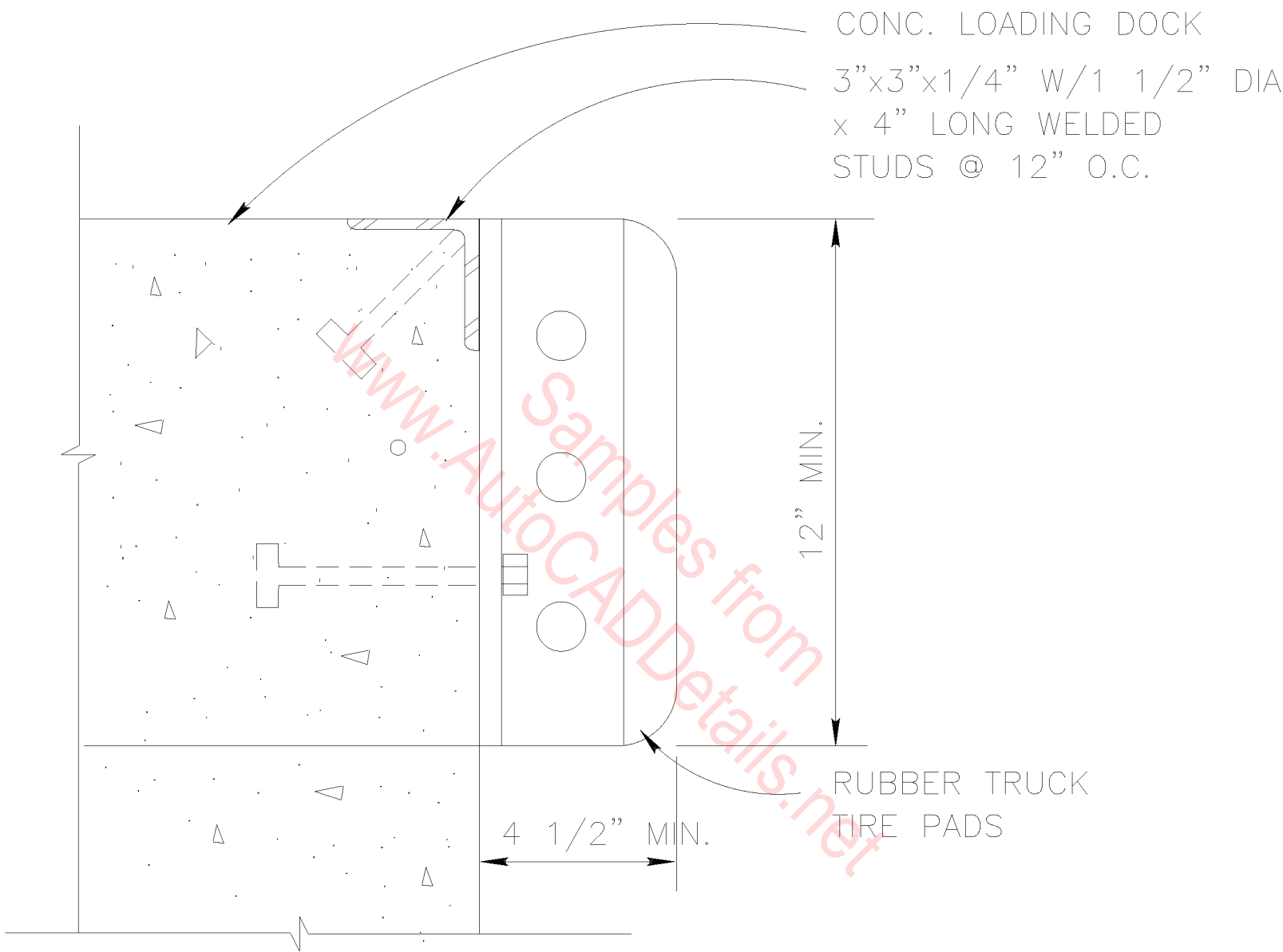
PRE-SET ANCHOR BOLTS AS PER MANUFACTURERS INSTRUCTIONS



# DOCK BUMPER DETAIL

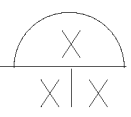
SCALE : 1 1/2" = 1'-0"

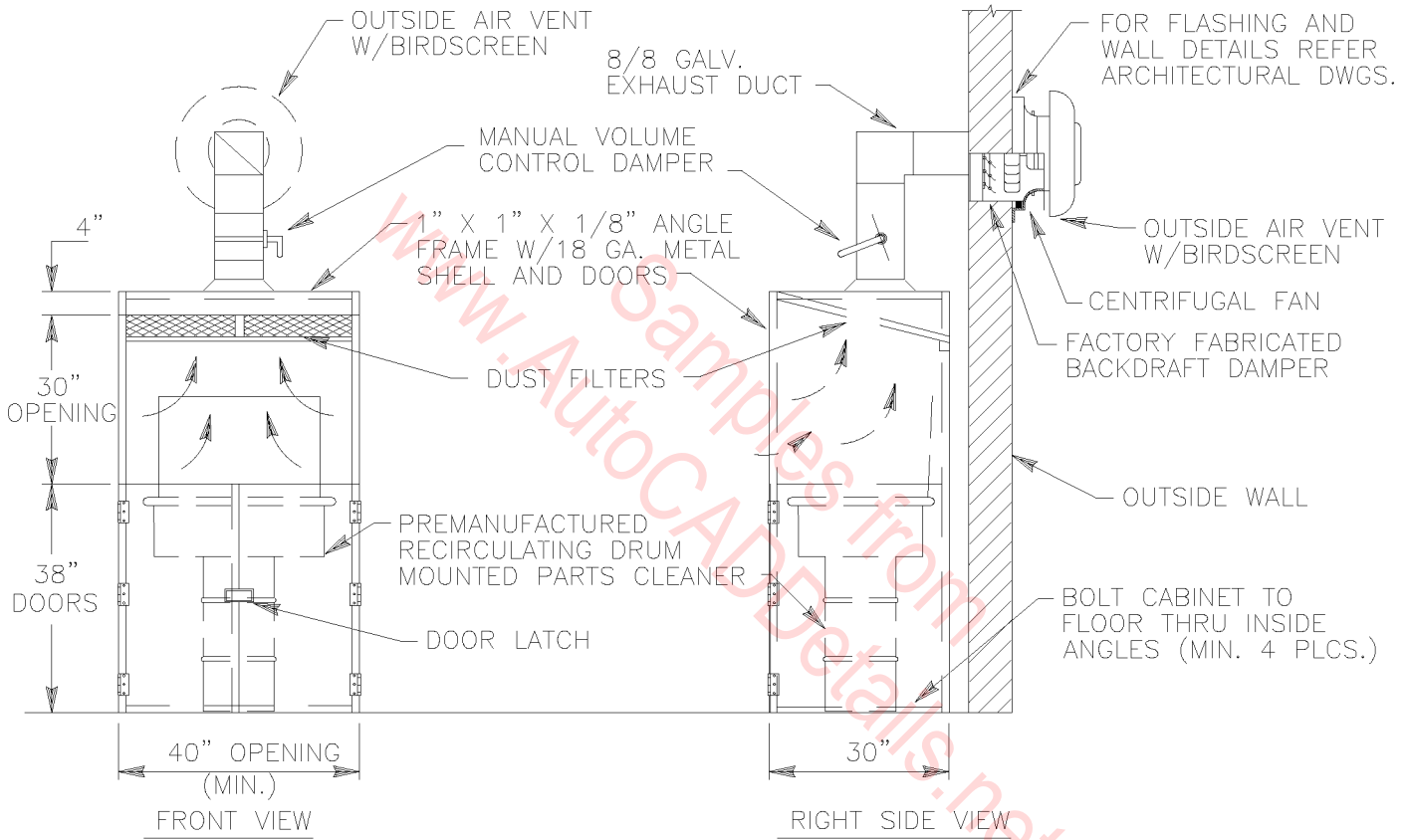




DOCK BUMPER DETAIL

SCALE : 3"=1'-0"

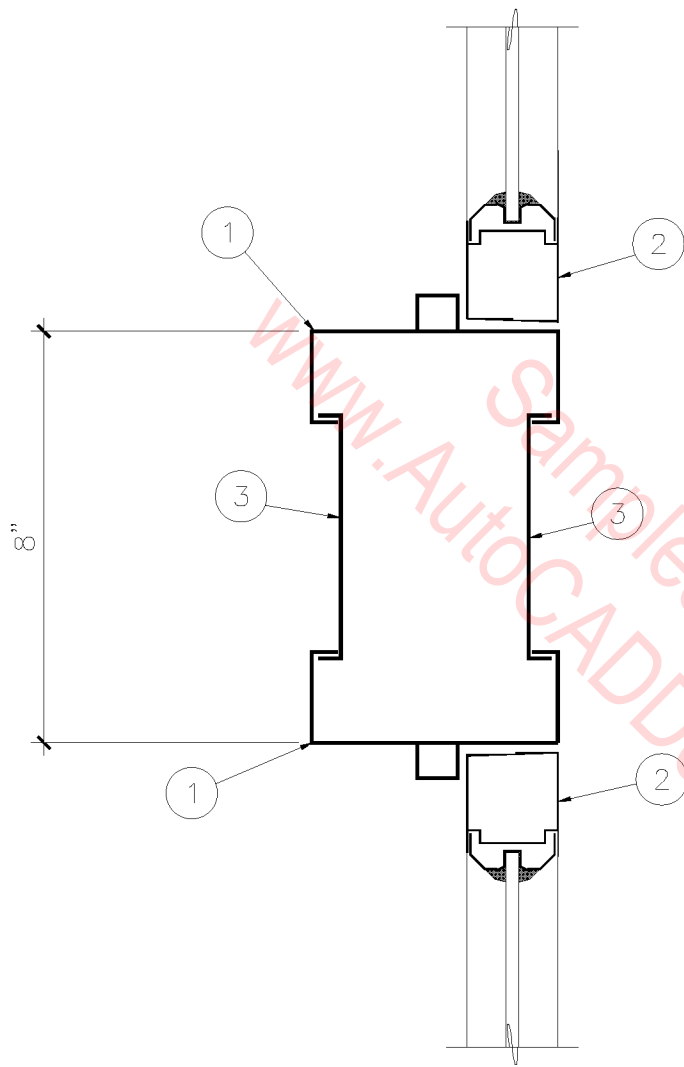




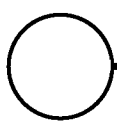
NOTE: SINGLE UNIT SHOWN. REFER TO M- FOR NUMBER AND LOCATION OF UNITS.

# TYPICAL FREE STANDING PARTS WASHER CABINET DETAIL

N.T.S.



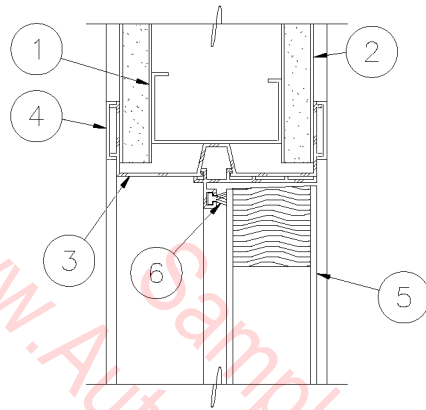
1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. STOREFRONT DOOR.
3. BRAKE METAL FILLER.



ALUMINUM MULLION

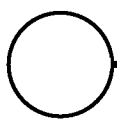
3" = 1'-0"

08A-2001



JAMB - HEAD SIMILAR

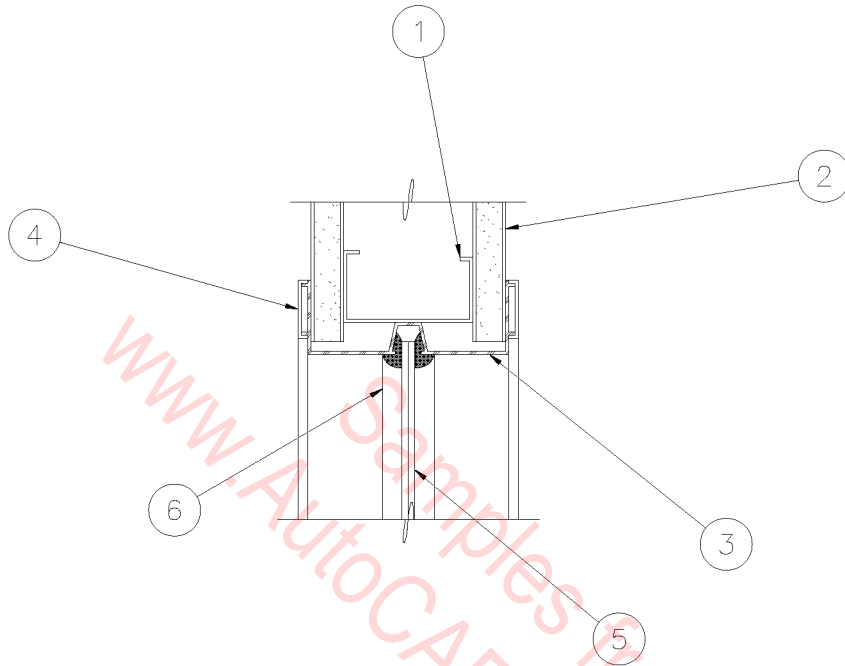
1. 2-1/2", 20 GA METAL STUD AT 24" O.C.
2. 5/8" GYP. BD., EACH SIDE.
3. ALUMINUM FRAME.
4. PVC BATTEN, EACH SIDE.
5. DOOR.
6. WEATHERSTRIPPING.



## ALUMINUM DOOR FRAME

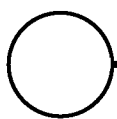
3" = 1'-0"

08A-2002



JAMB - HEAD AND SILL SIMILAR

1. 2-1/2", 20 GA METAL STUD AT 24" O.C..
2. 5/8" GYP. BD., EACH SIDE.
3. ALUMINUM FRAME.
4. PVC BATTEN, EACH SIDE.
5. GLASS.
6. GLAZING BEAD.

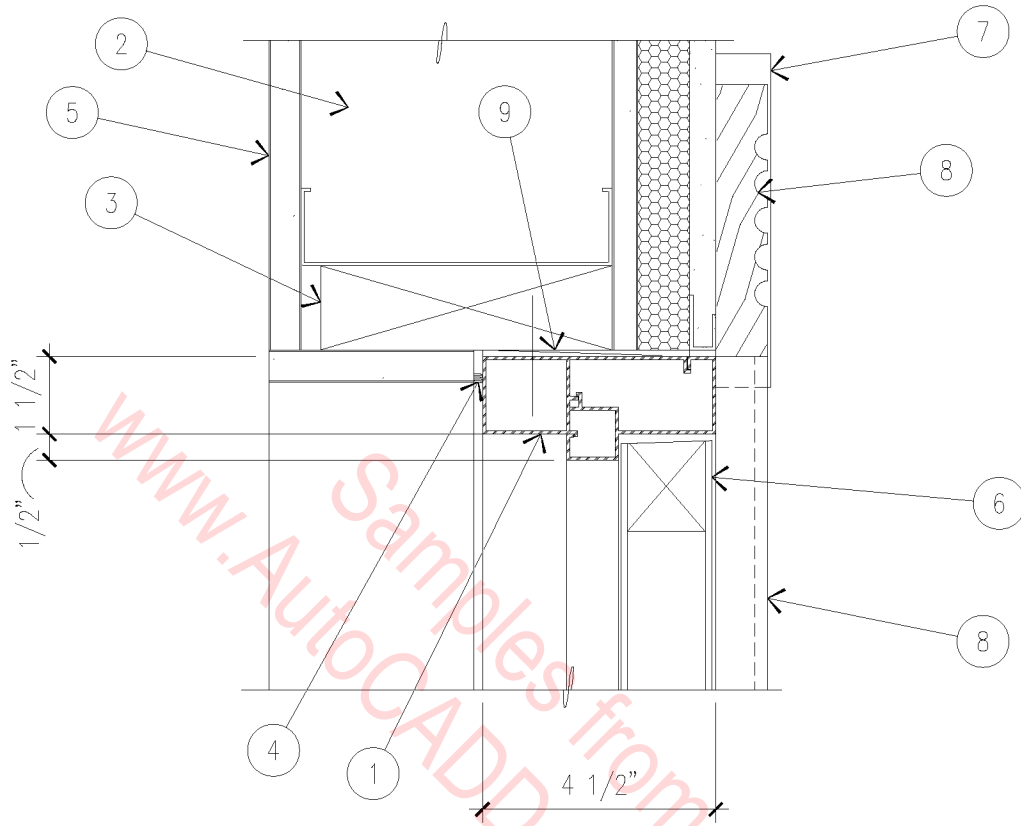


ALUMINUM WINDOW FRAME

3" = 1'-0"

08A-2003

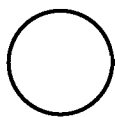




HEAD CONDITION - JAMB SIMILAR

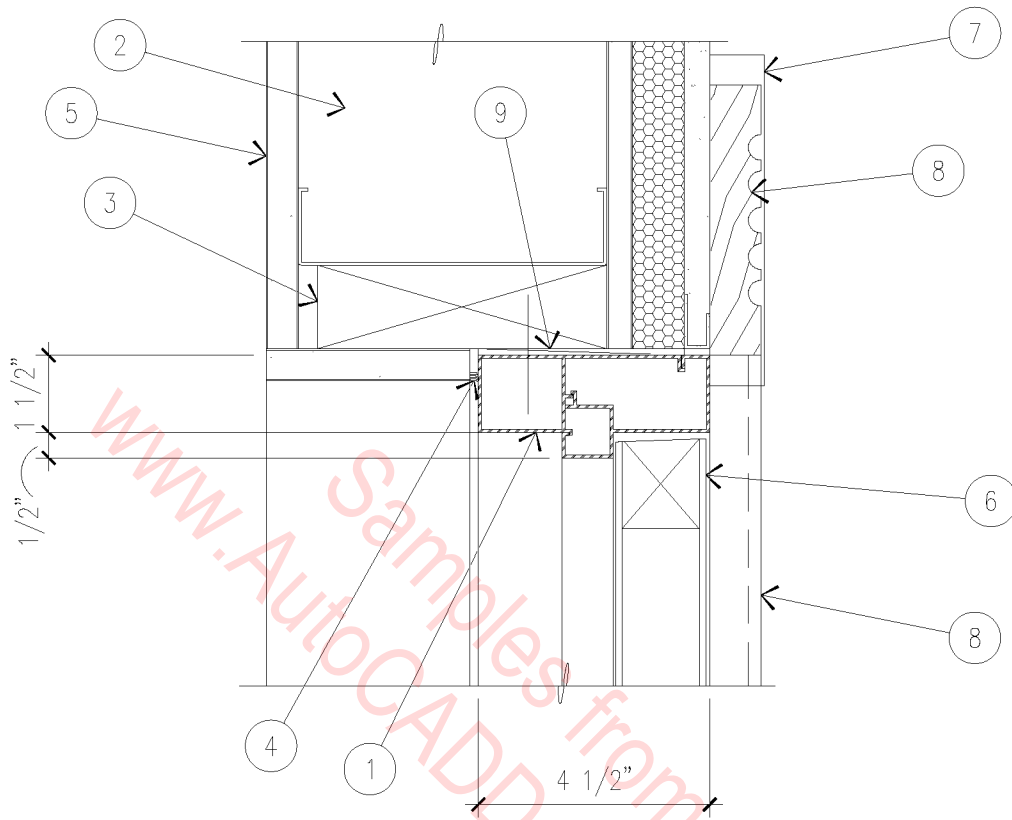
- |   |                        |
|---|------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.  |
| 2. 6" METAL STUD WALL.                          | 6. WOOD DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. ROSETTE BEYOND.     |
| 4. SILICONE SEALANT.                            | 8. FLUTED DOOR CASING. |
|   | 9. WOOD SHIM.          |

# ALUMINUM STOREFRONT DOOR FRAME



3" = 1'-0"

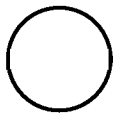
08A-2004



HEAD CONDITION - JAMB SIMILAR

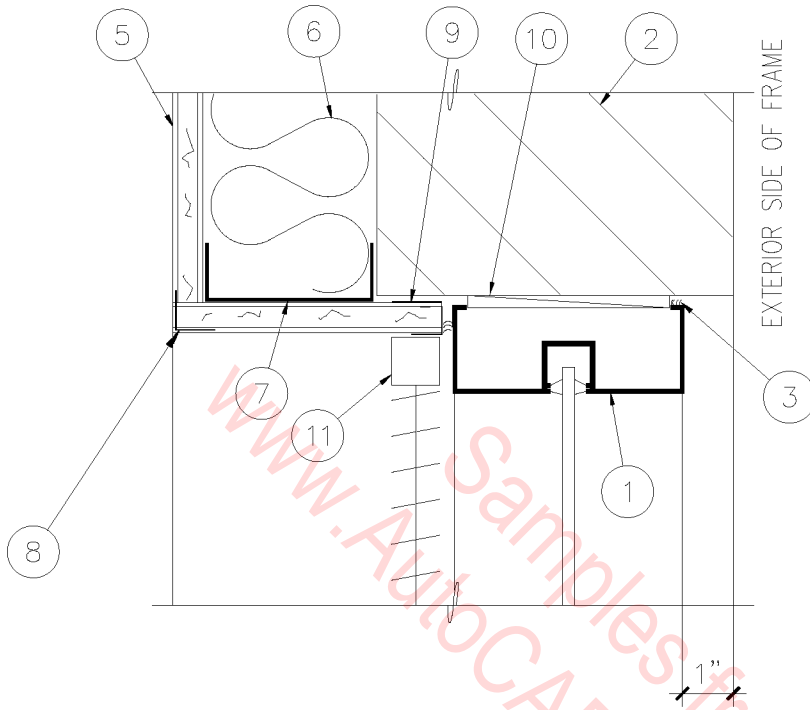
- |   |                        |
|---|------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.  |
| 2. 6" METAL STUD WALL.                          | 6. WOOD DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. ROSETTE BEYOND.     |
| 4. SILICONE SEALANT.                            | 8. FLUTED DOOR CASING. |
|   | 9. WOOD SHIM.          |

# ALUMINUM STOREFRONT DOOR FRAME



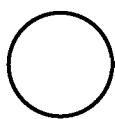
3" = 1'-0"

08A-2004



HEAD CONDITION

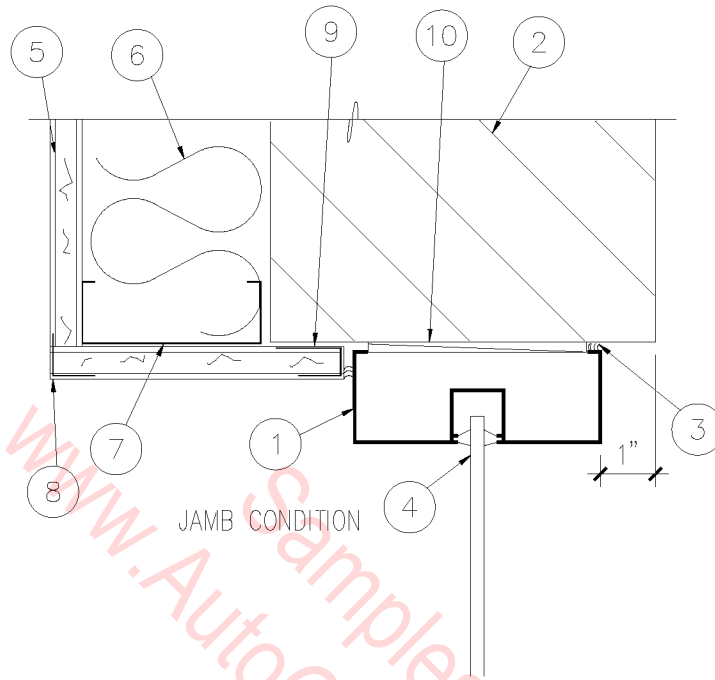
1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT.
4. GLASS.
5. 5/8" TYPE 'X' GYPSUM BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



## ALUMINUM FRAME

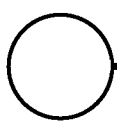
3" = 1'-0"

08A-8001



EXTERIOR SIDE OF FRAME

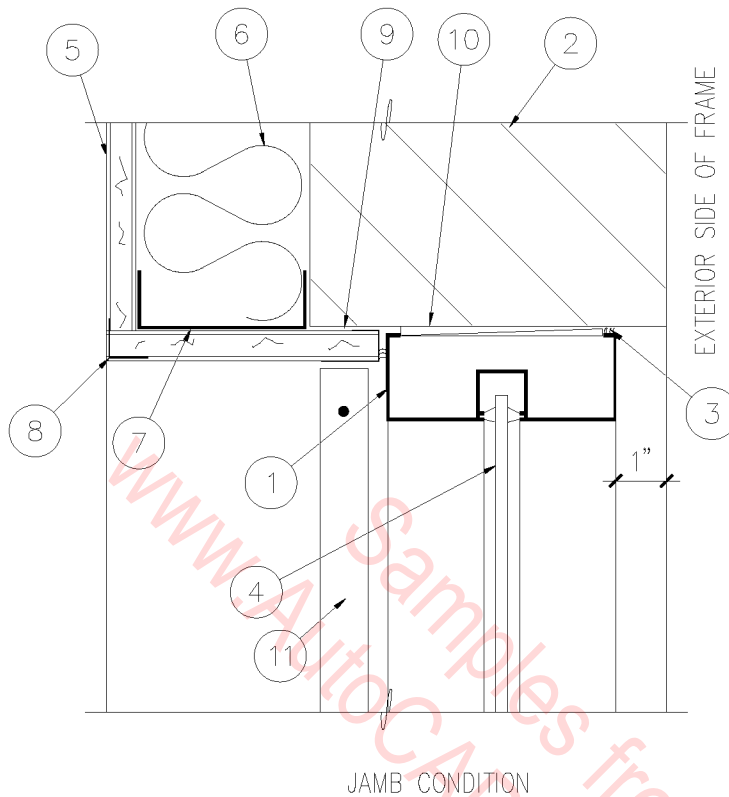
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.



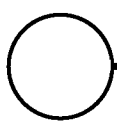
ALUMINUM FRAME

3" = 1'-0"

08A-8002



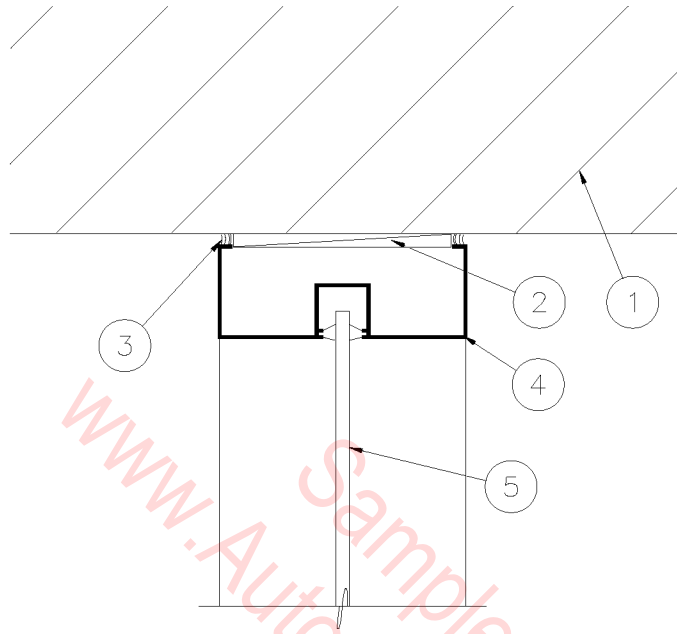
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



## ALUMINUM FRAME JAMB

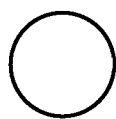
3" = 1'-0"

08A-8003



JAMB CONDITION

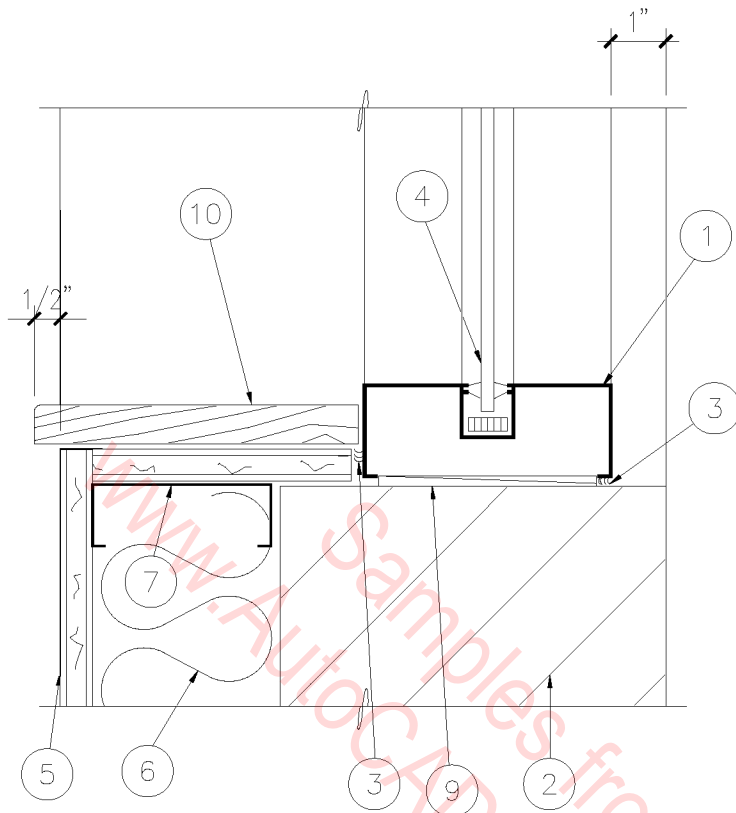
1. MASONRY WALL.
2. SHIM.
2. SEALANT BOTH SIDES - TYPICAL.
4. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
5. GLASS.



ALUMINUM FRAME JAMB

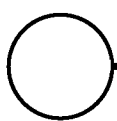
3" = 1'-0"

08A-8004



EXTERIOR SIDE OF FRAME

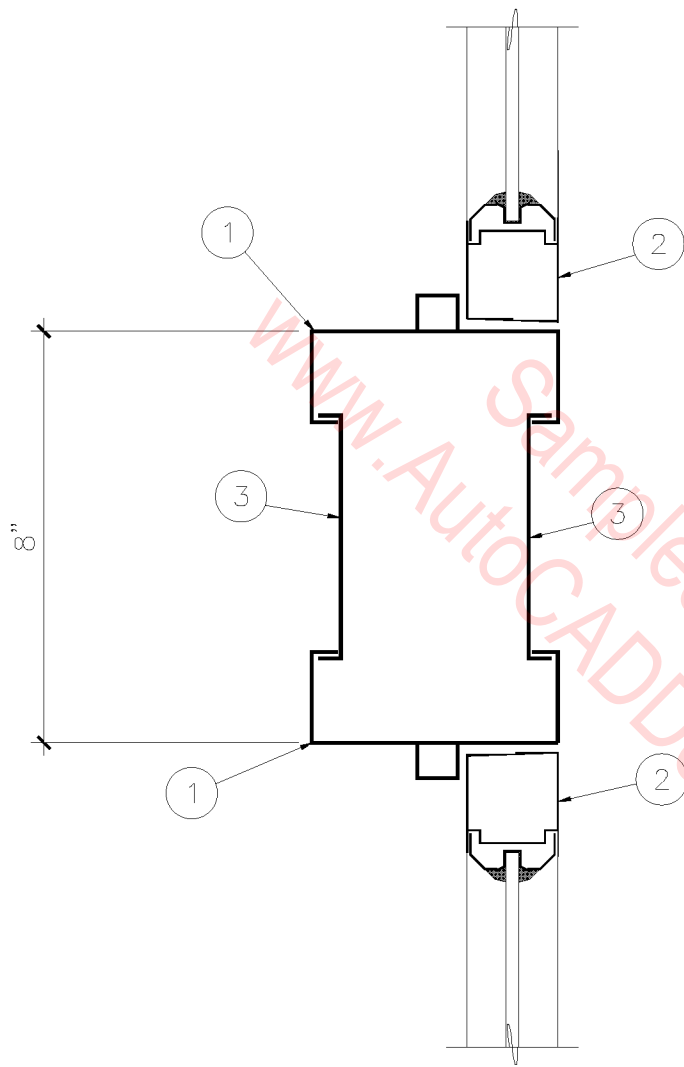
1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS AT 24" O.C.
8. CORNER BEAD.
9. SHIM AS REQUIRED.
10. 3/4" OAK WINDOW SILL.



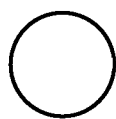
WOOD SILL

3" = 1'-0"

08A-8005



1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. STOREFRONT DOOR.
3. BRAKE METAL FILLER.

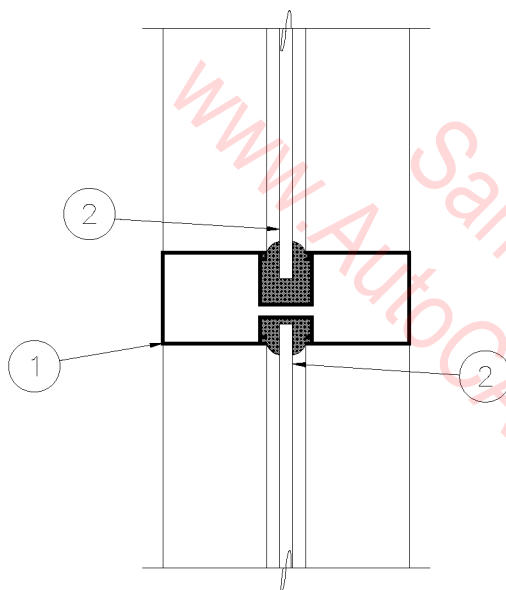


ALUMINUM MULLION

3" = 1'-0"

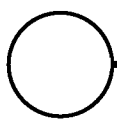
08A-8006





1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. GLASS.
3. NEOPRENE / RUBBER MOULDING.

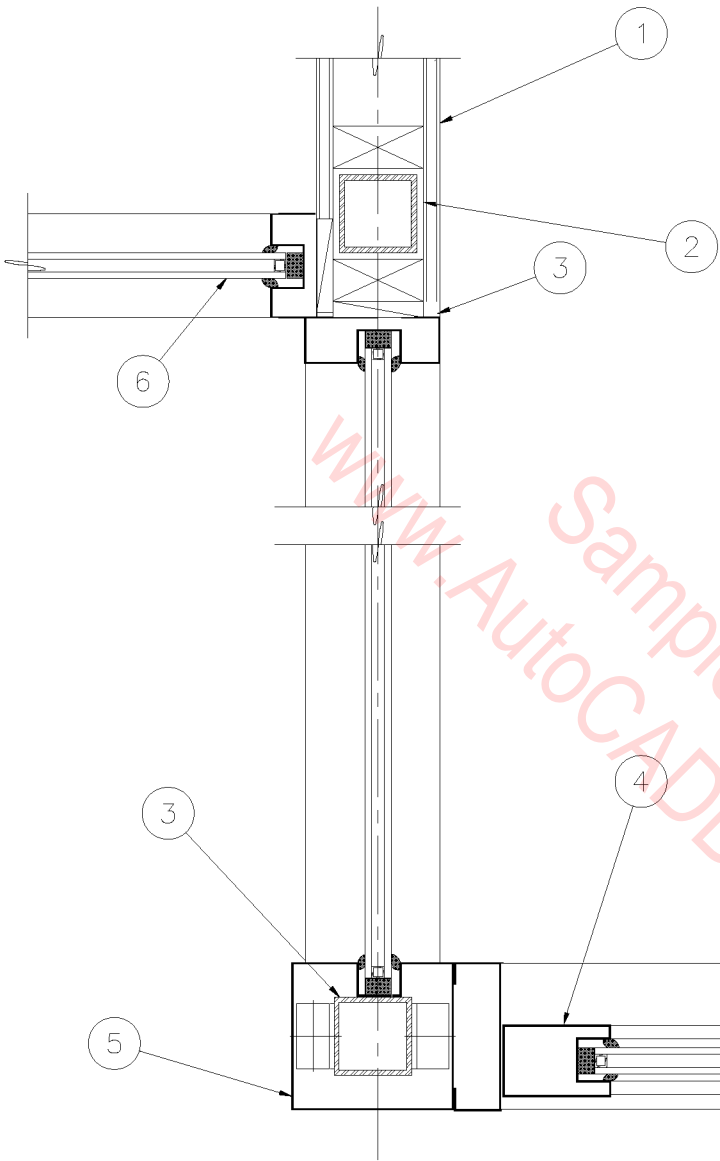
INTERMEDIATE HORIZONTAL MULLION



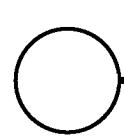
ALUMINUM MULLION

3" = 1'-0"

08A-8007



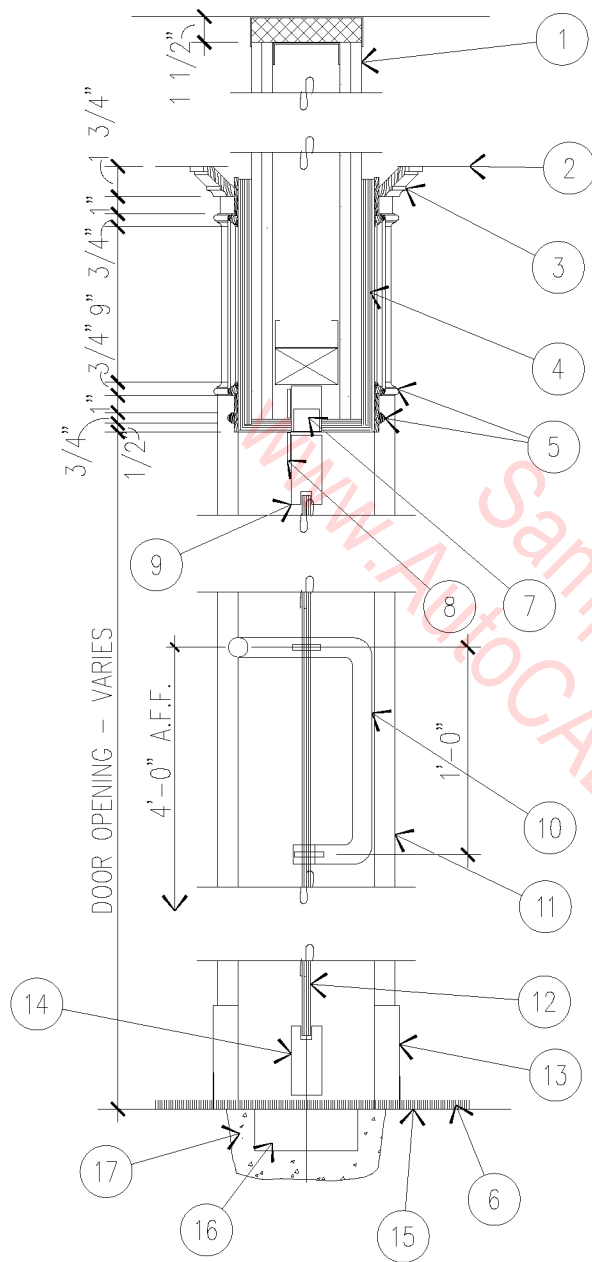
1. 5/8" GYPSUM BOARD.
2. 3" SQUARE TUBE
3. CAULK FRAME BOTH SIDES
4. ALUMINUM DOOR
5. CORNER FRAMING TO MATCH OTHER FRAMING.
6. 1" TINTED SOLAR BRONZE INSULATED GLASS.



WINDOW/DOOR JAMB

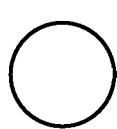
1 1/2" = 1'-0"

08A-8008



1. 5/8" GYPSUM BOARD.
2. LINE OF SCHEDULE CEILING SYSTEM.
3. HARDWOOD CROWN MOLDING
4. 3/4" PLYWOOD PANEL WITH CHERRY VENEER FINISH.
5. HARDWOOD MOLDING.
6. CARPET.
7. DOOR TOP PIVOT (NOT SHOWN) RECESS IN HEADER CONT. TOP OF TRACK AT SIDELIGHTS.
8. DOOR STOP WITH NEOPRENE PAD.
9. FULL TOP SHOE SHALL BE 1 3/4" THICK, MINIMUM, TO RECEIVE ELECTRIC STRIKE.
10. 1 1/8" Ø PULL BAR (VERTICAL ON LOBBY SIDE AND HORIZONTAL ON RECEPTION SIDE).
11. HARDWOOD PILASTER BEYOND.
12. 1/2" THICK TEMPERED GLASS DOOR
13. 6" HIGH PLINTH.
14. FULL BOTTOM SHOE.
15. GENERAL CONTRACTOR TO PATCH SLAB AS REQUIRED.
16. SINGLE ACTING CENTER PIVOT RECESSED FLOOR CLOSER WITH HOLD OPEN FEATURE (MAX. OPENING 90°) AND 170° FOR INACTIVE DOOR.
17. GENERAL CONTRACTOR TO CHOP SLAB FOR CLOSER AND FILL AS REQUIRED.

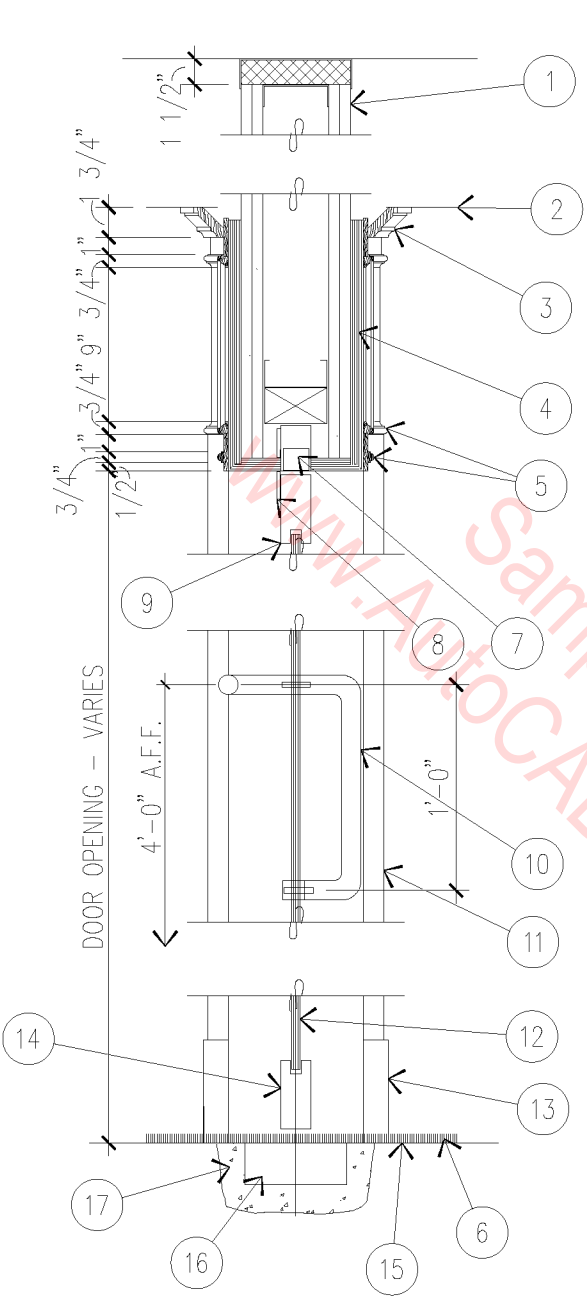
NOTE: ANCHOR WITH POWER ACTUATED FASTENERS @ 16" O.C.



## ENTRY DOOR SECTION

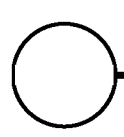
1" = 1'-0"

08A-8009



1. 5/8" GYPSUM BOARD.
2. LINE OF SCHEDULE CEILING SYSTEM.
3. HARDWOOD CROWN MOLDING
4. 3/4" PLYWOOD PANEL WITH CHERRY VENEER FINISH.
5. HARDWOOD MOLDING.
6. CARPET.
7. DOOR TOP PIVOT (NOT SHOWN) RECESS IN HEADER CONT. TOP OF TRACK AT SIDELIGHTS.
8. DOOR STOP WITH NEOPRENE PAD.
9. FULL TOP SHOE SHALL BE 1 3/4" THICK, MINIMUM, TO RECEIVE ELECTRIC STRIKE.
10. 1 1/8" Ø PULL BAR (VERTICAL ON LOBBY SIDE AND HORIZONTAL ON RECEPTION SIDE).
11. HARDWOOD PILASTER BEYOND.
12. 1/2" THICK TEMPERED GLASS DOOR
13. 6" HIGH PLINTH.
14. FULL BOTTOM SHOE.
15. GENERAL CONTRACTOR TO PATCH SLAB AS REQUIRED.
16. SINGLE ACTING CENTER PIVOT RECESSED FLOOR CLOSER WITH HOLD OPEN FEATURE (MAX. OPENING 90°) AND 170° FOR INACTIVE DOOR.
17. GENERAL CONTRACTOR TO CHOP SLAB FOR CLOSER AND FILL AS REQUIRED.

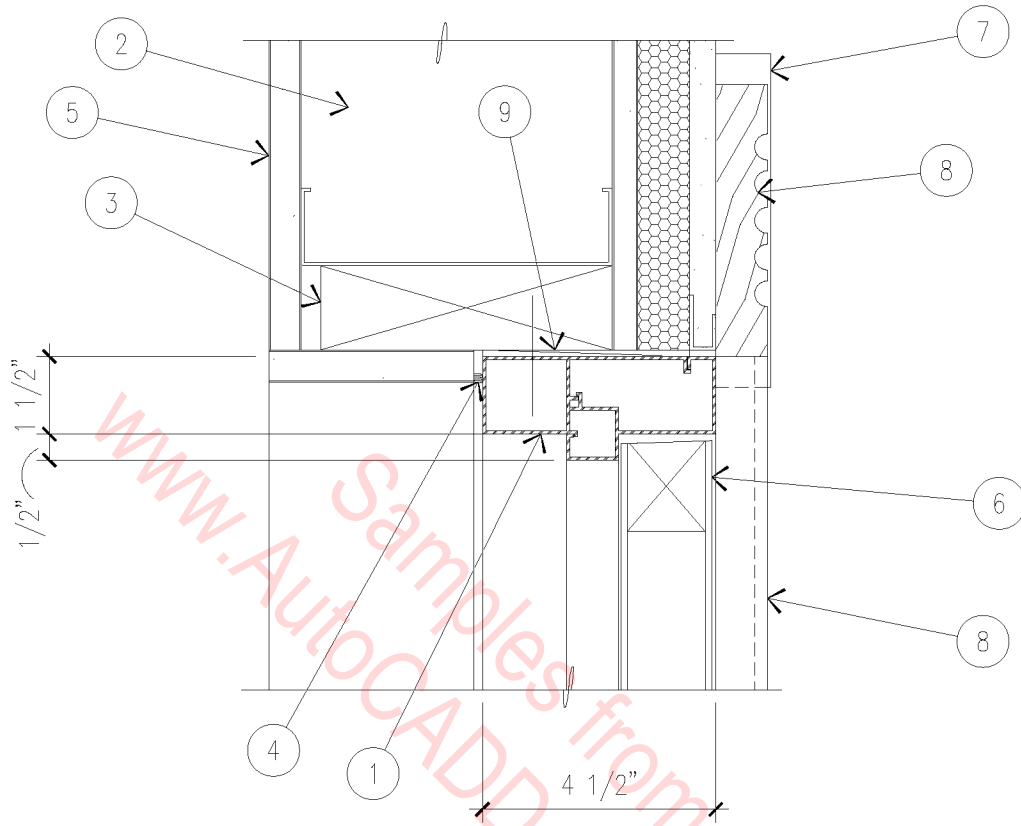
NOTE: ANCHOR WITH POWER ACTUATED FASTENERS @ 16" O.C.



# ENTRY DOOR SECTION

1" = 1'-0"

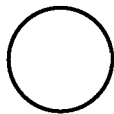
08A-8009



HEAD CONDITION - JAMB SIMILAR

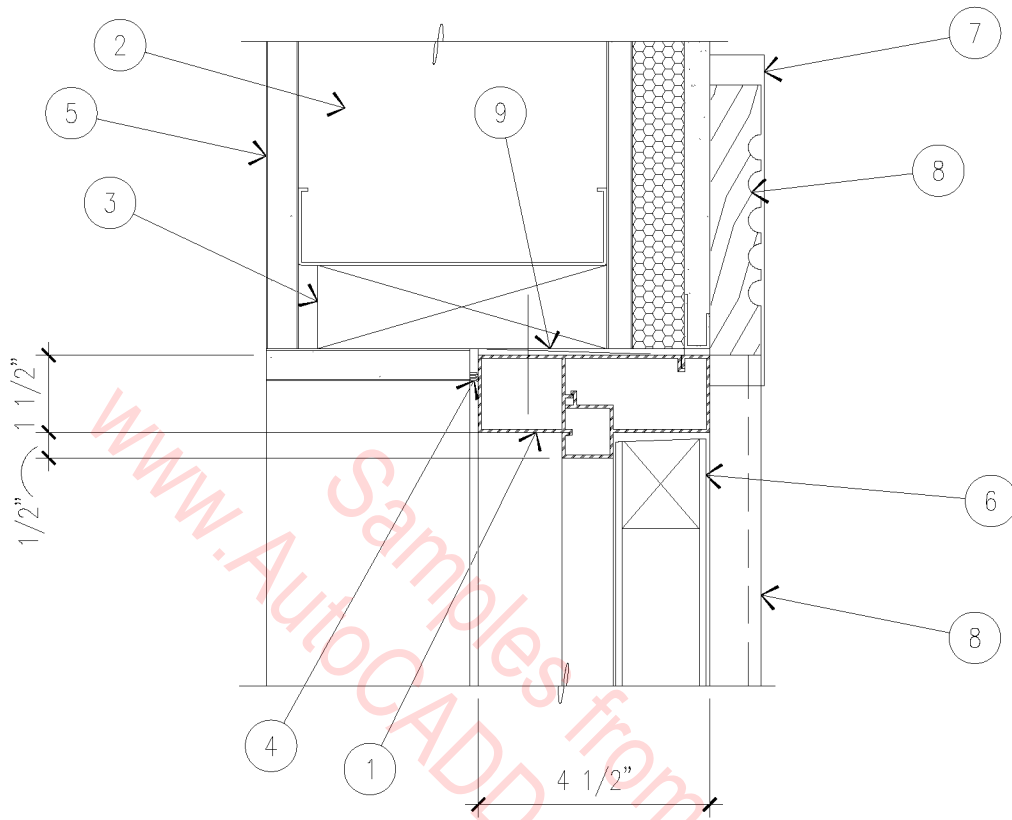
- |   |                        |
|---|------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.  |
| 2. 6" METAL STUD WALL.                          | 6. WOOD DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. ROSETTE BEYOND.     |
| 4. SILICONE SEALANT.                            | 8. FLUTED DOOR CASING. |
|   | 9. WOOD SHIM.          |

# ALUMINUM STOREFRONT DOOR FRAME



3" = 1'-0"

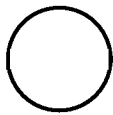
08A-8010



HEAD CONDITION - JAMB SIMILAR

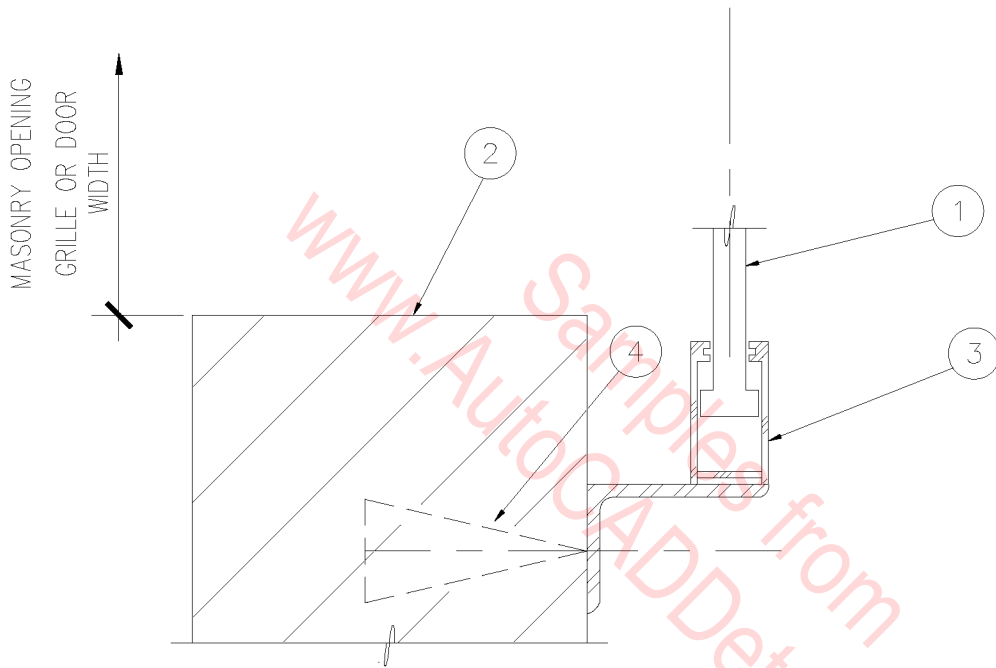
- |   |                        |
|---|------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.  |
| 2. 6" METAL STUD WALL.                          | 6. WOOD DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. ROSETTE BEYOND.     |
| 4. SILICONE SEALANT.                            | 8. FLUTED DOOR CASING. |
|   | 9. WOOD SHIM.          |

# ALUMINUM STOREFRONT DOOR FRAME



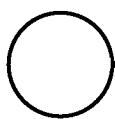
3" = 1'-0"

08A-8010



ROLLING GRILLE  
OVERHEAD COILING DOOR

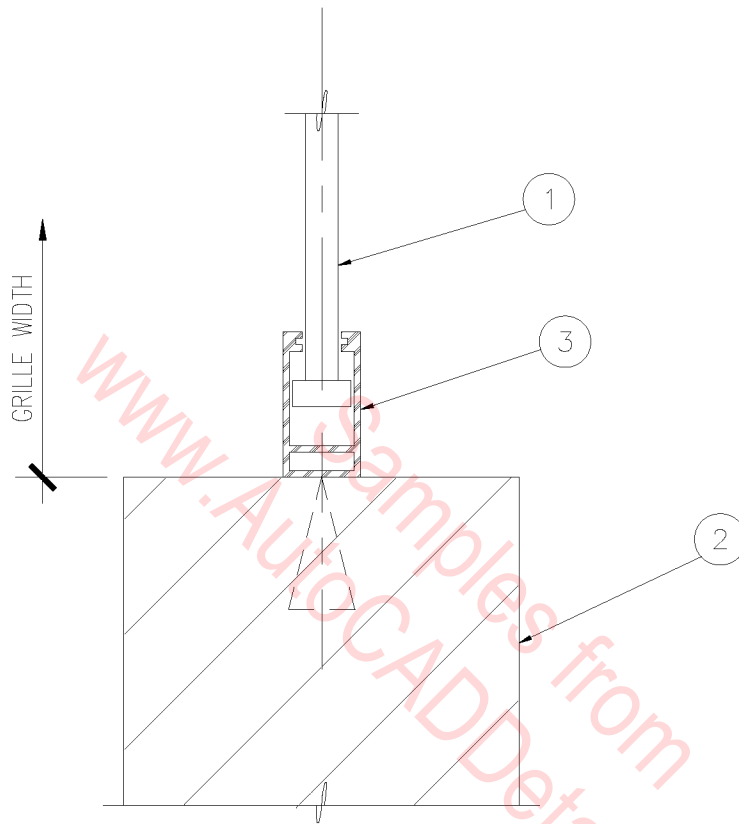
1. ROLLING GRILLE.
2. MASONRY WALL.
3. GRILLE GUIDE.
4. EXPANSION ANCHOR.



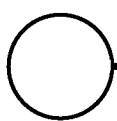
COILING GRILLE JAMB

3" = 1'-0"

08A-5001



1. ROLLING GRILLE.
2. MASONRY WALL.
3. GRILLE GUIDE.

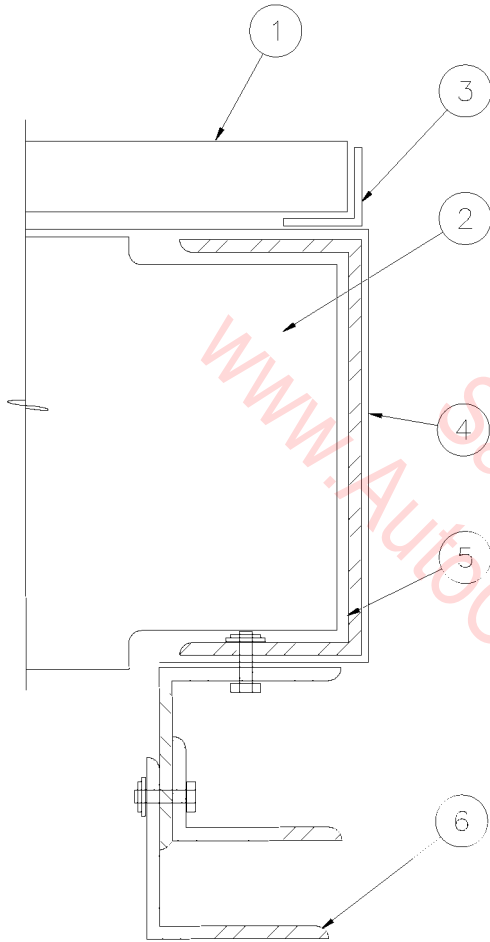


# COILING GRILLE JAMB

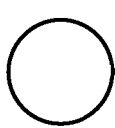
3" = 1'-0"

08A-5002





1. PREMANUFACTURED WALL PANEL SYSTEM.
2. PREMANUFACTURED GIRT WALL SYSTEM ATTACHED TO STEEL CHANNEL.
3. PREMANUFACTURED DOOR TRIM.
4. PREMANUFACTURED JAMB TRIM.
5. STRUCTURAL STEEL CHANNEL.
6. STEEL GUIDE FOR COILING. DOOR BOLTED TO STL. CHANNEL.

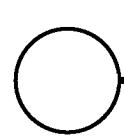
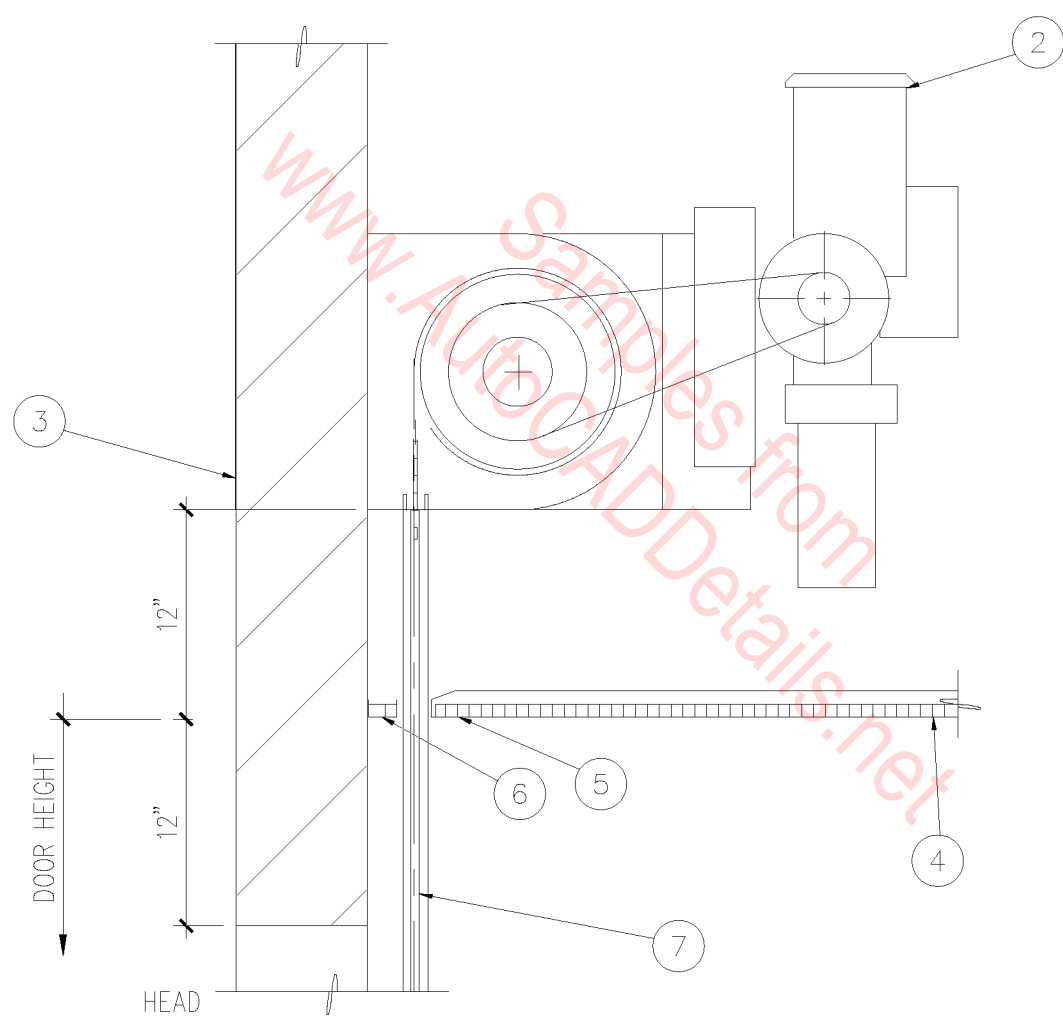


# OVERHEAD DOOR JAMB

3" = 1'-0"

08A-5003

- 1.  $\phi$  OF ROLLING GRILLE
- 2. ROLLING GRILLE MOTOR.
- 3. MASONRY WALL.
- 4. SUSPENDED CEILING.
- 5. WALL ANGLE, POP-RIVET TO MAIN TEES.
- 6. 22 GA. GALVANIZED SHEET METAL CHANNEL CLOSURE, PAINT TO MATCH SUSPENDED CEILING GRID.

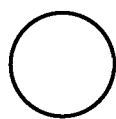
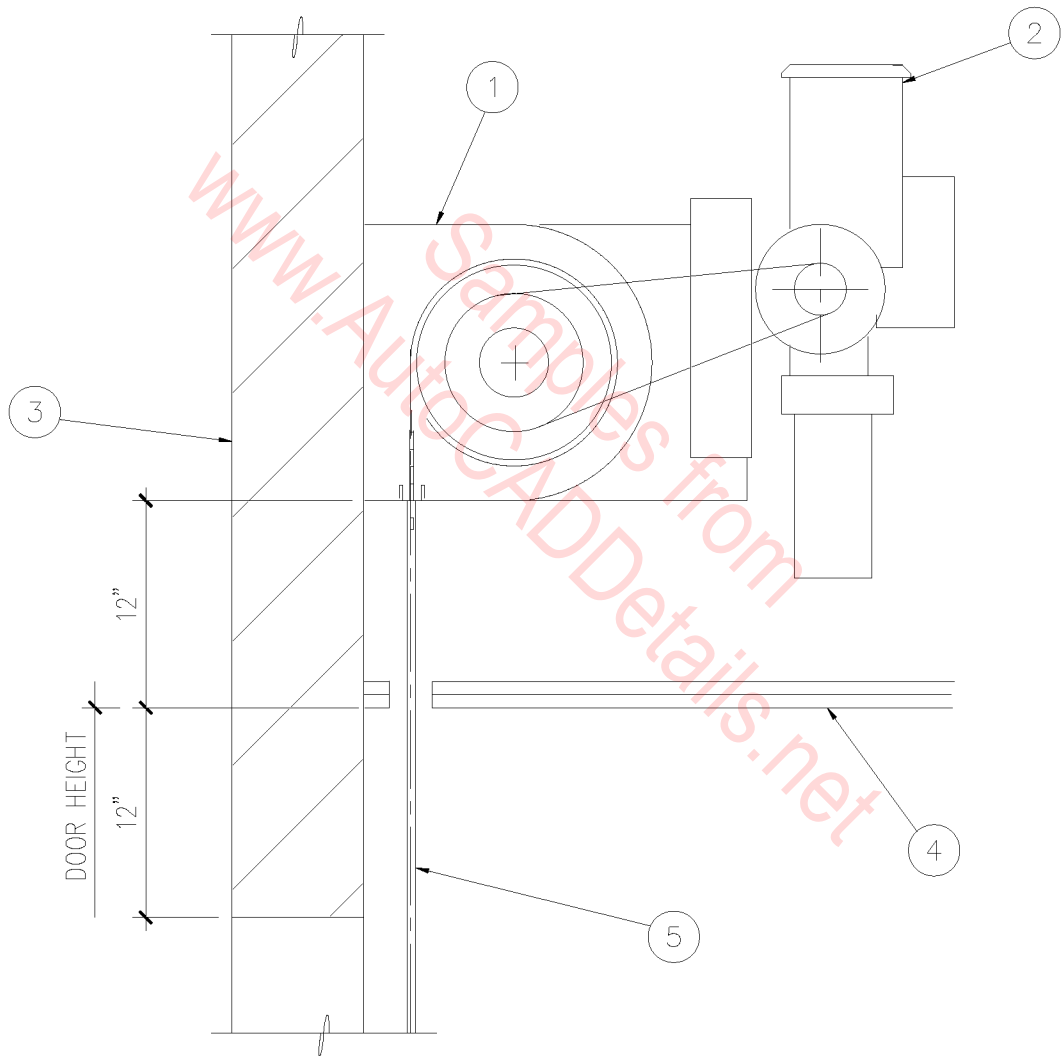


# COILING DOOR HEAD

1" = 1'-0"

08A-5004

1. OVERHEAD COILING DOOR.
2. DOOR MOTOR.
3. MASONRY WALL.
4. FINISH CEILING, SEE SCHEDULE FOR HEIGHT.
5. DOOR GUIDE.

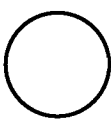
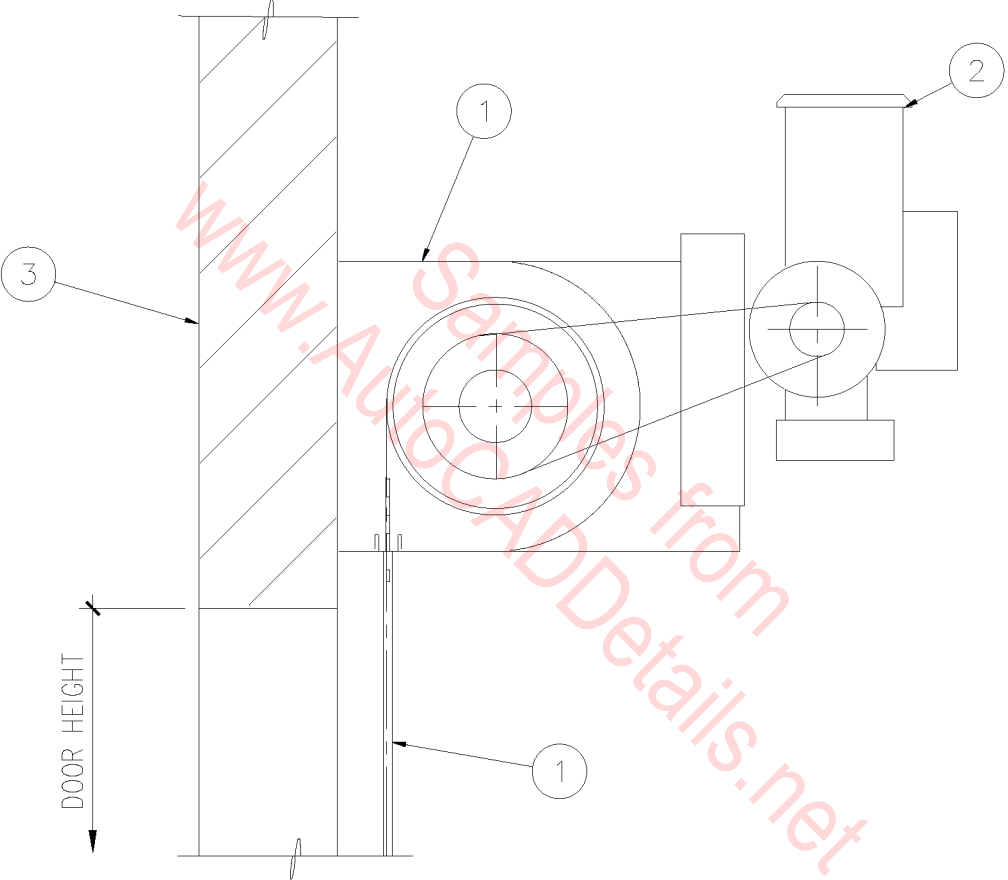


# COILING DOOR HEAD

1" = 1'-0"

08A-5005

- 1. OVERHEAD COILING DOOR.
- 2. DOOR MOTOR.
- 3. MASONRY WALL.

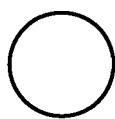
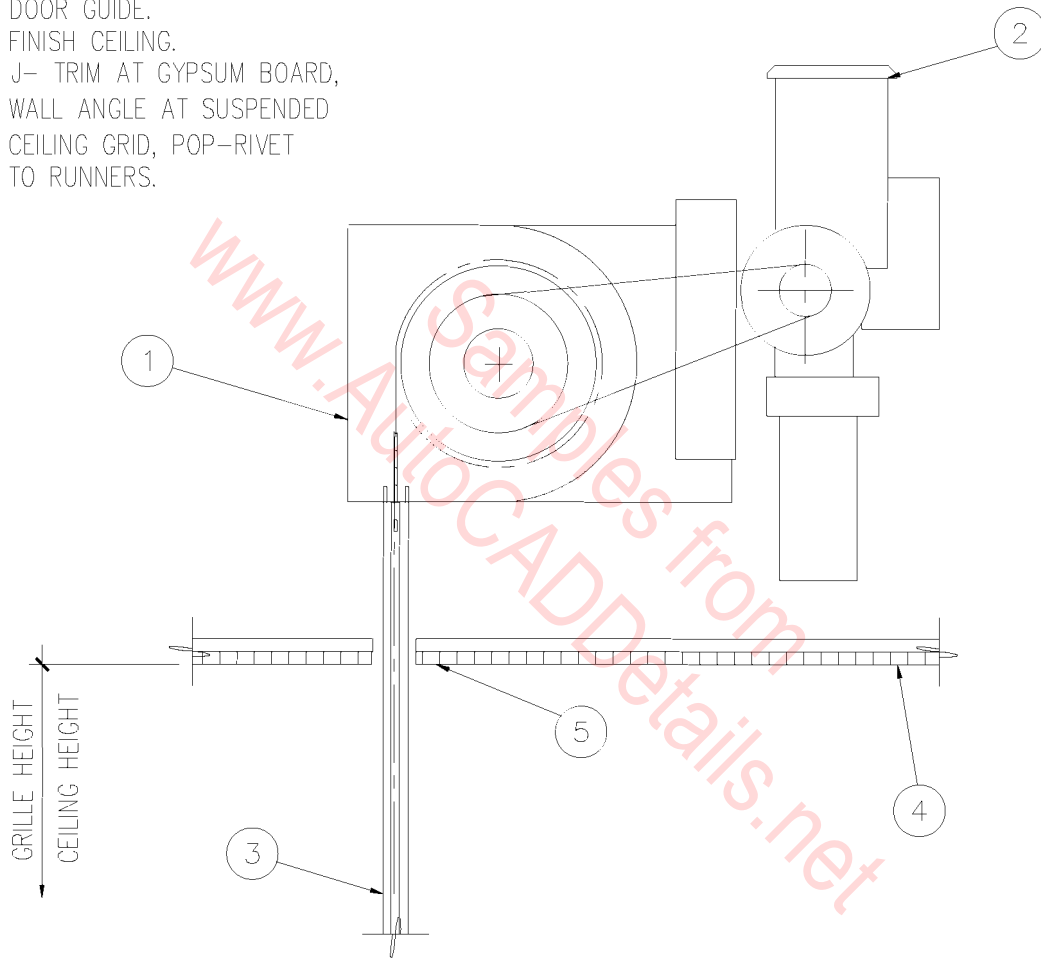


COILING DOOR HEAD

1" = 1'-0"

08A-5006

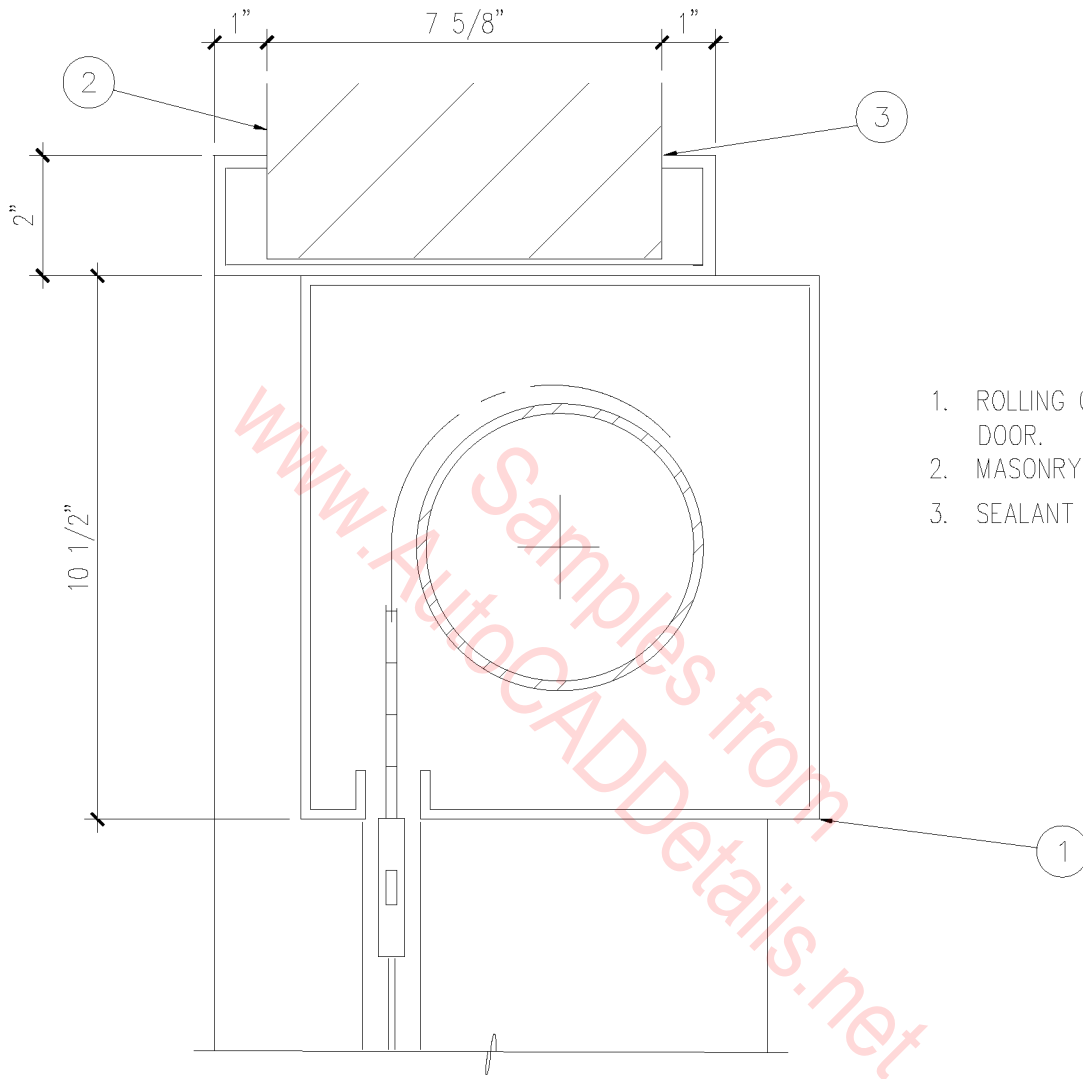
1. ROLLING GRILLE.
2. ROLLING GRILLE MOTOR.
3. DOOR GUIDE.
4. FINISH CEILING.
5. J- TRIM AT GYPSUM BOARD, WALL ANGLE AT SUSPENDED CEILING GRID, POP-RIVET TO RUNNERS.



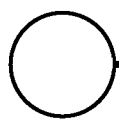
# COILING GRILLE HEAD

1" = 1'-0"

08A-5007



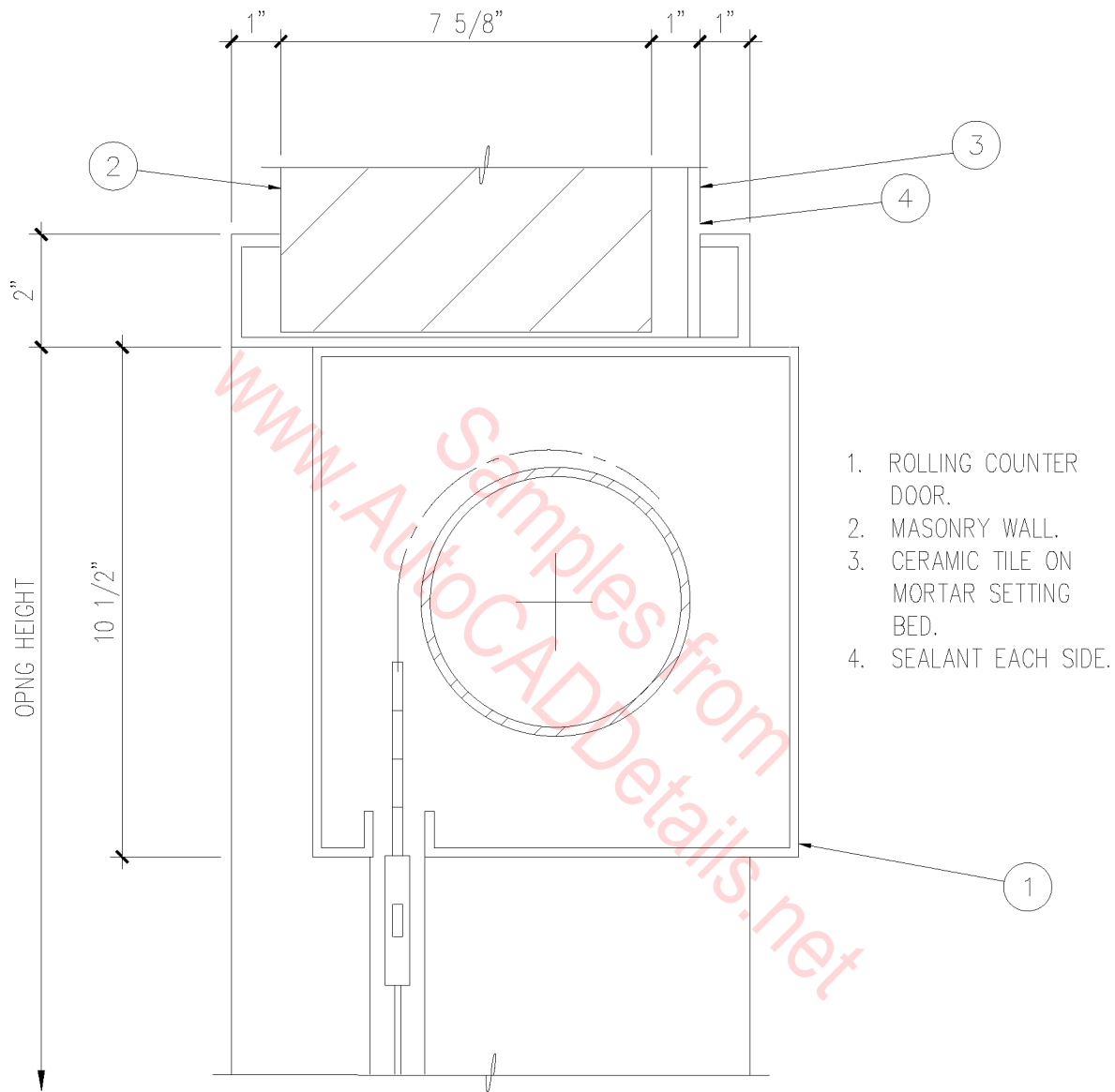
1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. SEALANT EACH SIDE.



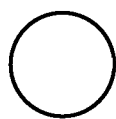
COUNTER SHUTTER

3" = 1'-0"

08A-5008



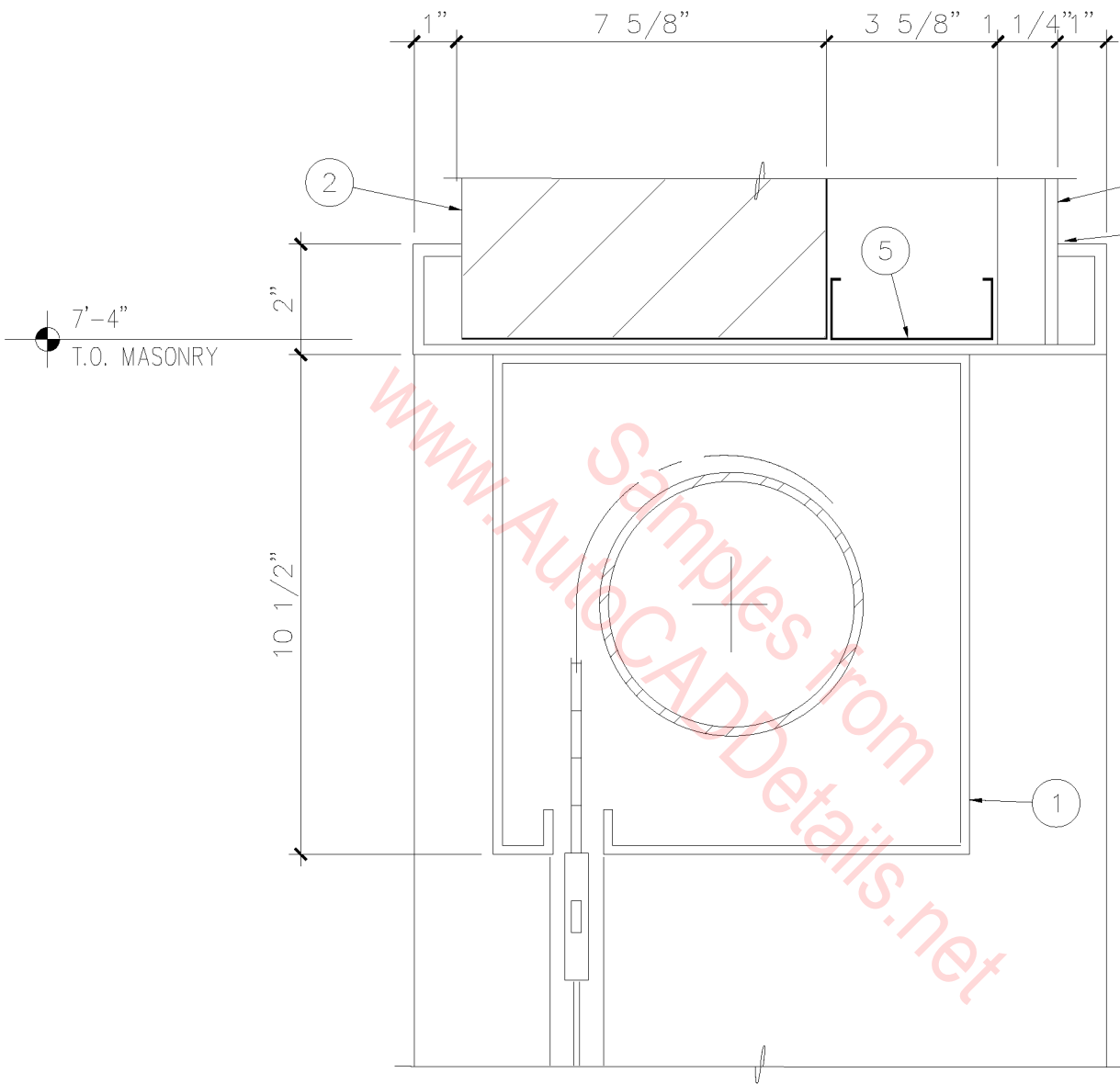
1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON MORTAR SETTING BED.
4. SEALANT EACH SIDE.



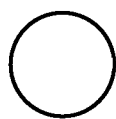
COUNTER SHUTTER

3" = 1'-0"

08A-5009



1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON CEMENTITIOUS BACKER BOARD.
4. SEALANT EACH SIDE.
5. METAL STUDS.



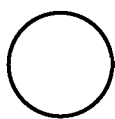
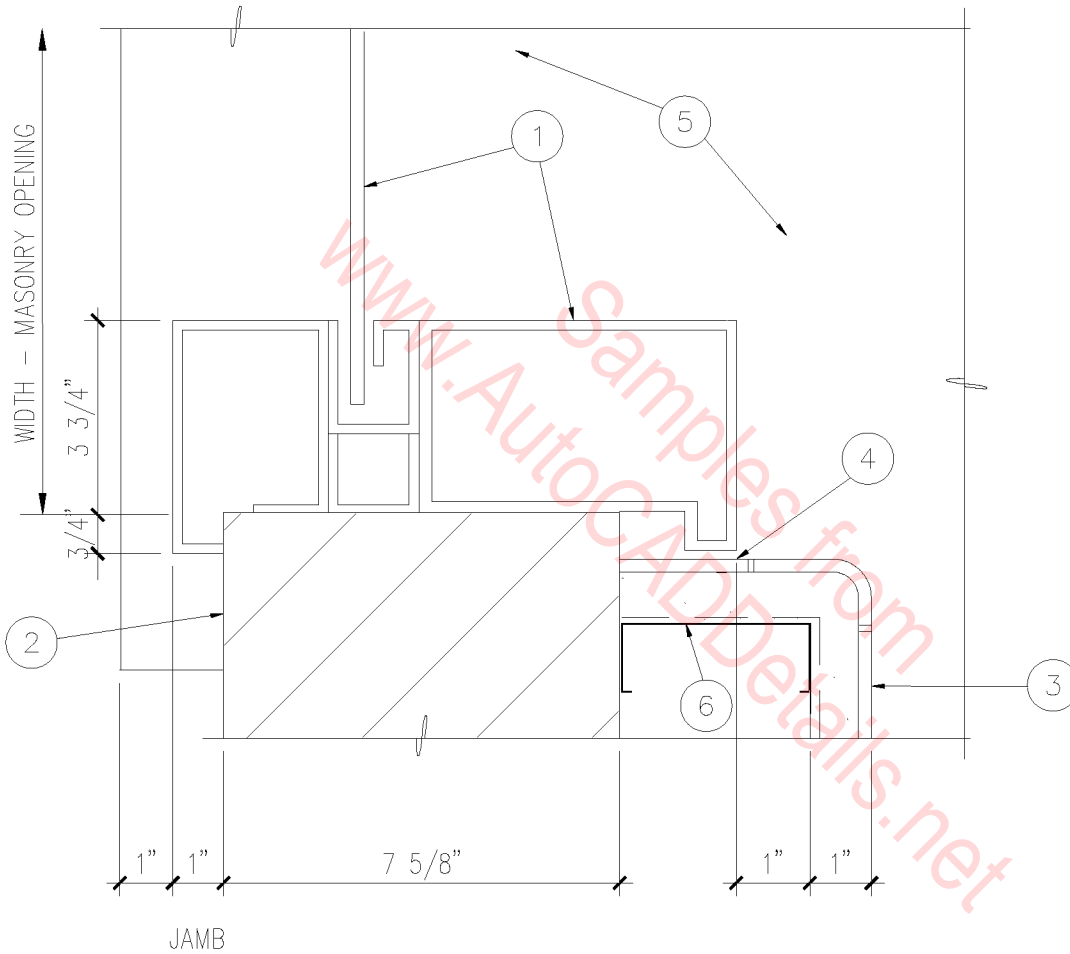
COUNTER SHUTTER

3" = 1'-0"

08A-5010



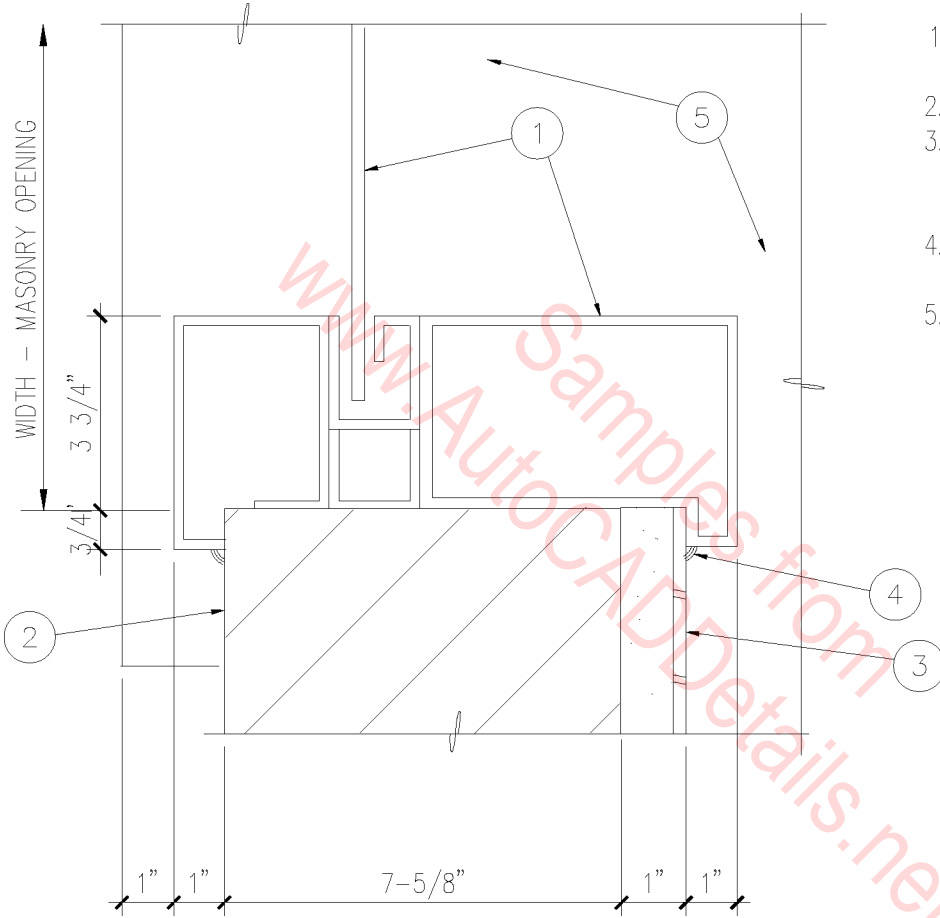
1. INTEGRAL ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON MORTAR SETTING BED.
4. SEALANT EACH SIDE.
5. STAINLESS STEEL COUNTER.
6. METAL STUDS AT 24" O.C.



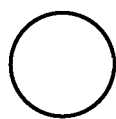
COUNTER SHUTTER JAMB

3" = 1'-0"

08A-5011



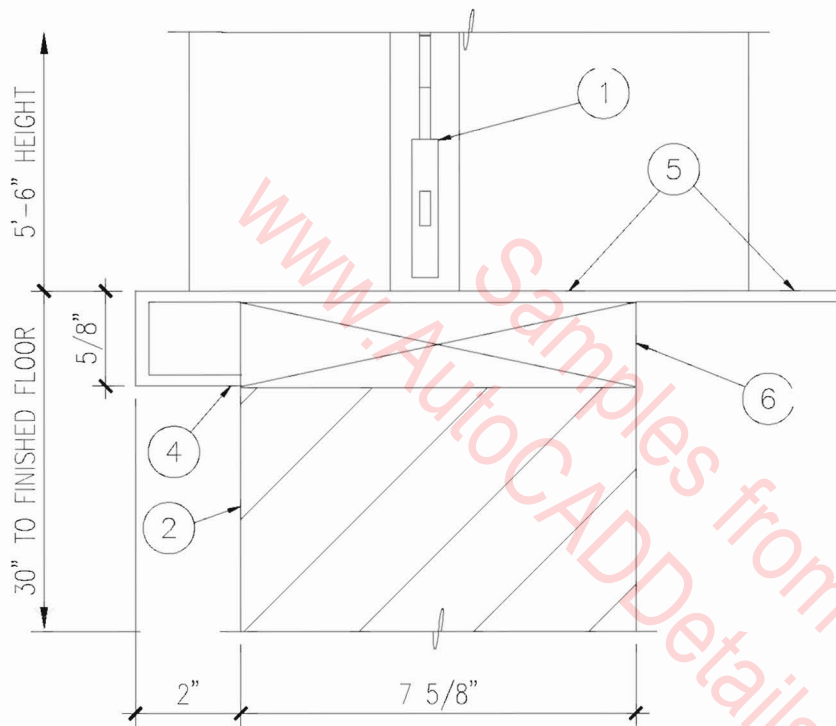
1. INTEGRAL ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON MORTAR SETTING BED.
4. SEALANT EACH SIDE.
5. STAINLESS STEEL COUNTER.



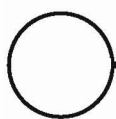
COUNTER SHUTTER JAMB

3" = 1'-0"

08A-5012



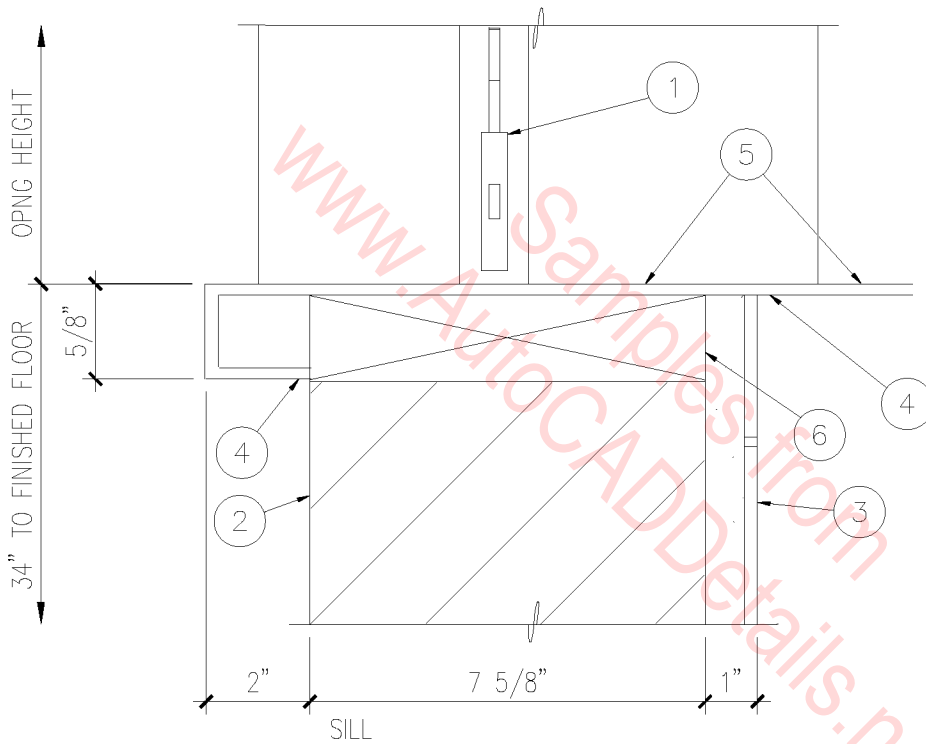
1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
4. SEALANT EACH SIDE.
5. STAINLESS STEEL SILL.
6. 2 X 8 FIRE RETARDANT TREATED.



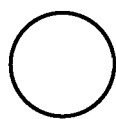
# COUNTER SHUTTER SILL

3" = 1'-0"

08A-5013



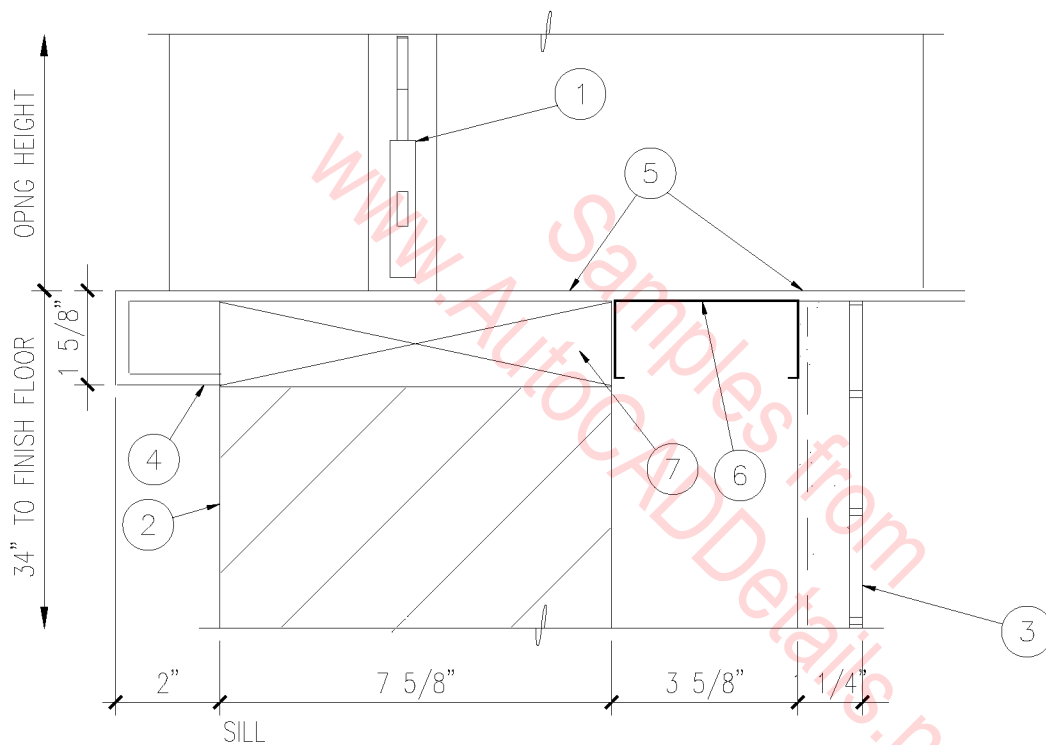
1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON MORTAR SETTING BED.
4. SEALANT EACH SIDE.
5. STAINLESS STEEL COUNTER INTEGRAL WITH KITCHEN COUNTER.
6. 2 X 8 FIRE RETARDANT TREATED.



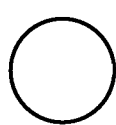
COUNTER SHUTTER SILL

3" = 1'-0"

08A-5014



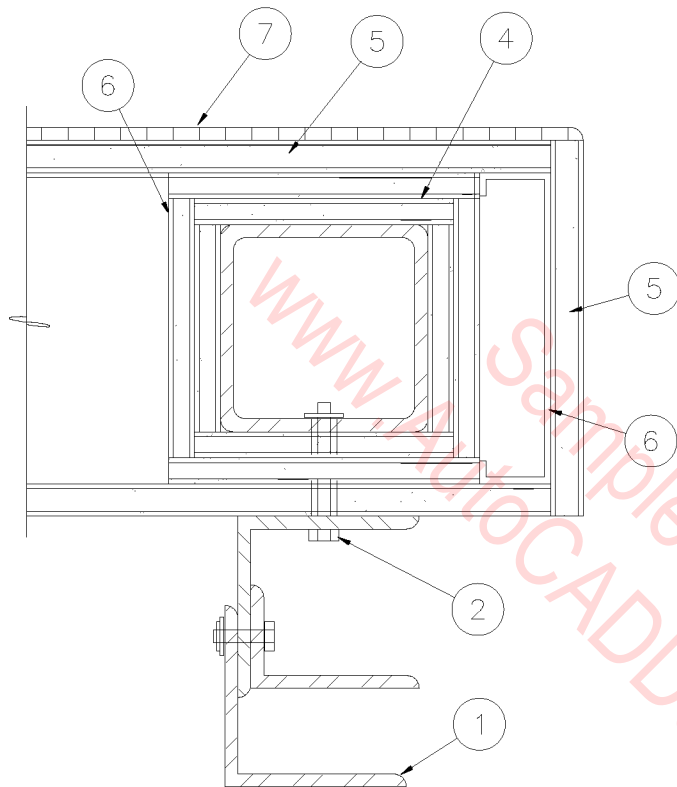
1. ROLLING COUNTER DOOR.
2. MASONRY WALL.
3. CERAMIC TILE ON MORTAR SETTING BED.
4. SEALANT EACH SIDE.
5. STAINLESS STEEL COUNTER.
6. METAL STUDS AT 24" O.C.
7. 2 X 8 FIRE TREATED.



COUNTER SHUTTER SILL

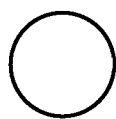
3" = 1'-0"

08A-5015



1. STEEL ANGLE GUIDES
2. TAP BOLT WITH METAL SPACER  
12" O.C. VERTICALLY.
3. STEEL COLUMN.
4. 2 LAYERS OF 1/2"  
TYPE 'X' GYPSUM BOARD  
AROUND STEEL TUBE.
5. 5/8" TYPE 'X' GYPSUM  
BOARD BOTH SIDES.
6. 6" METAL STUDS.
7. CERAMIC TILE.

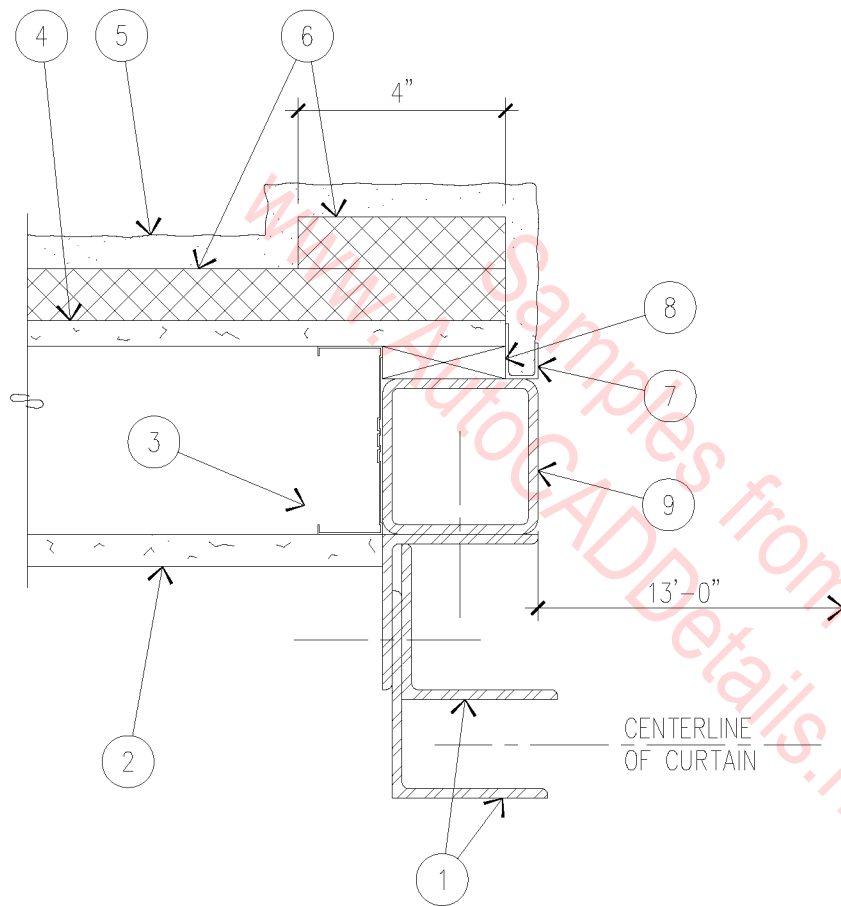
NOTE: COLUMN IS 1 HOUR  
FIRE RATED CONSTRUCTION:  
PROTECTION 1-7.1, TABLE  
43-A, 1991 UNIFORM  
BUILDING CODE.



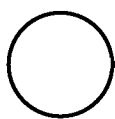
# OVERHEAD ROLLING DOOR

3" = 1'-0"

08A-5016



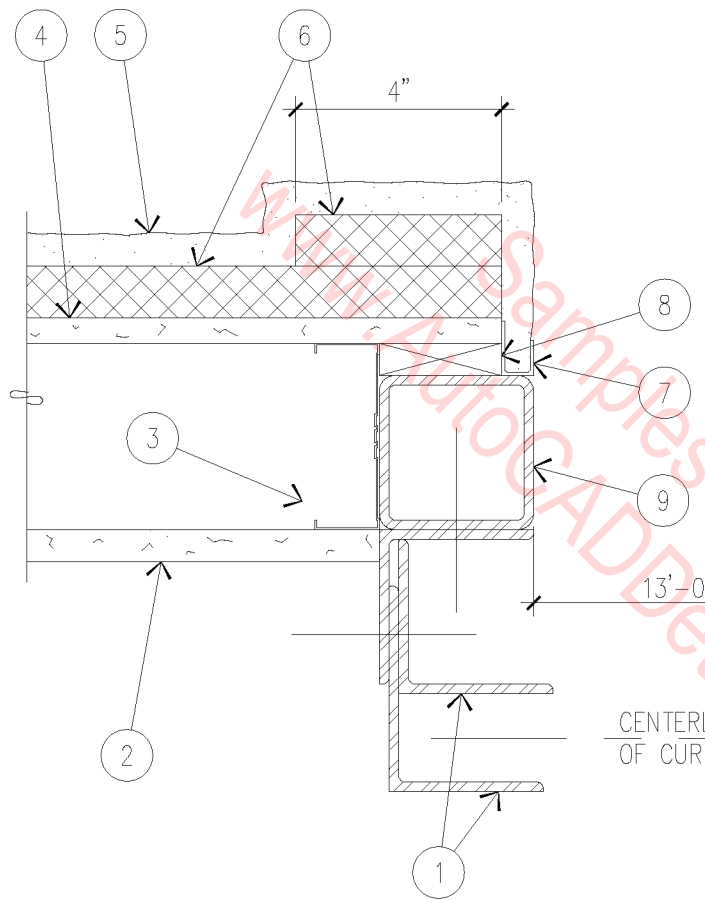
1. STEEL ANGLE  
DOOR GLIDES.
2. 5/8" GYPSUM  
BOARD.
3. 3 5/8" X 20 GAUGE  
METAL STUDS AT  
12" ON CENTER.
4. 1/2" GYPSUM  
SHEATHING.
5. CEMENT STUCCO.
6. 1" RIGID INSULATION.
7. "J" CLIP STUCCO STOP.
8. WOOD BLOCKING.
9. 3" X 3" X 3/16"  
TUBE STEEL COLUMN.



## COILING DOOR JAMB

3" = 1'-0"

08A-5017

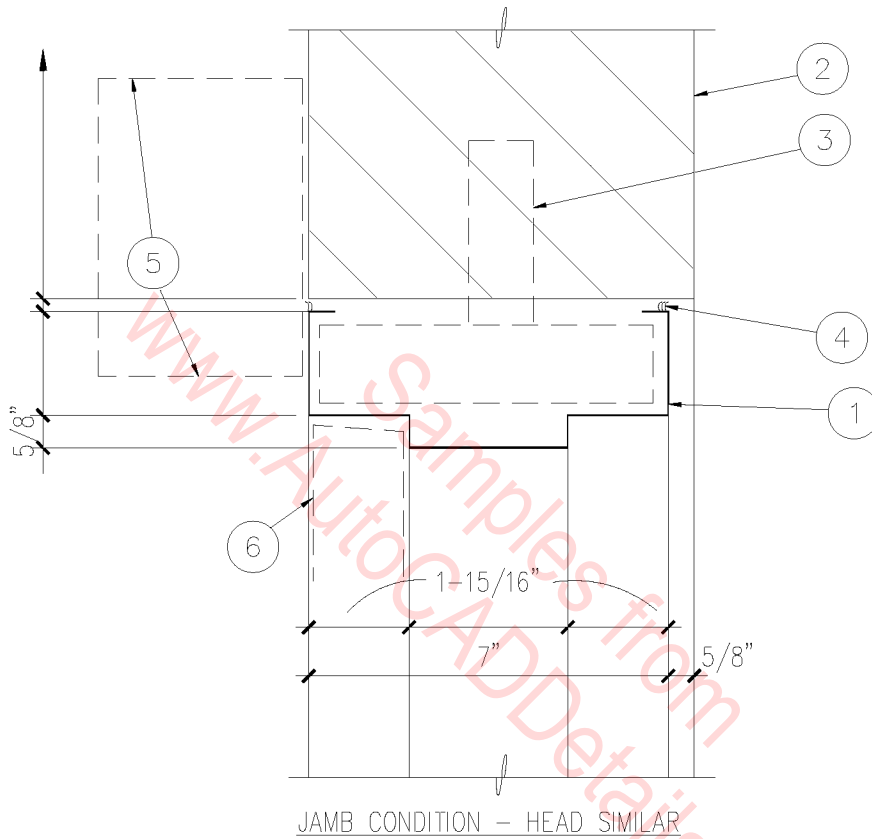


1. STEEL ANGLE  
DOOR GLIDES.
2. 5/8" GYPSUM  
BOARD.
3. 3 5/8" X 20 GAUGE  
METAL STUDS AT  
12" ON CENTER.
4. 1/2" GYPSUM  
SHEATHING.
5. CEMENT STUCCO.
6. 1" RIGID INSULATION.
7. "J" CLIP STUCCO STOP.
8. WOOD BLOCKING.
9. 3" X 3" X 3/16"  
TUBE STEEL COLUMN.

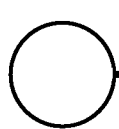

 COILING DOOR JAMB  
 3" = 1'-0"

08A-5017





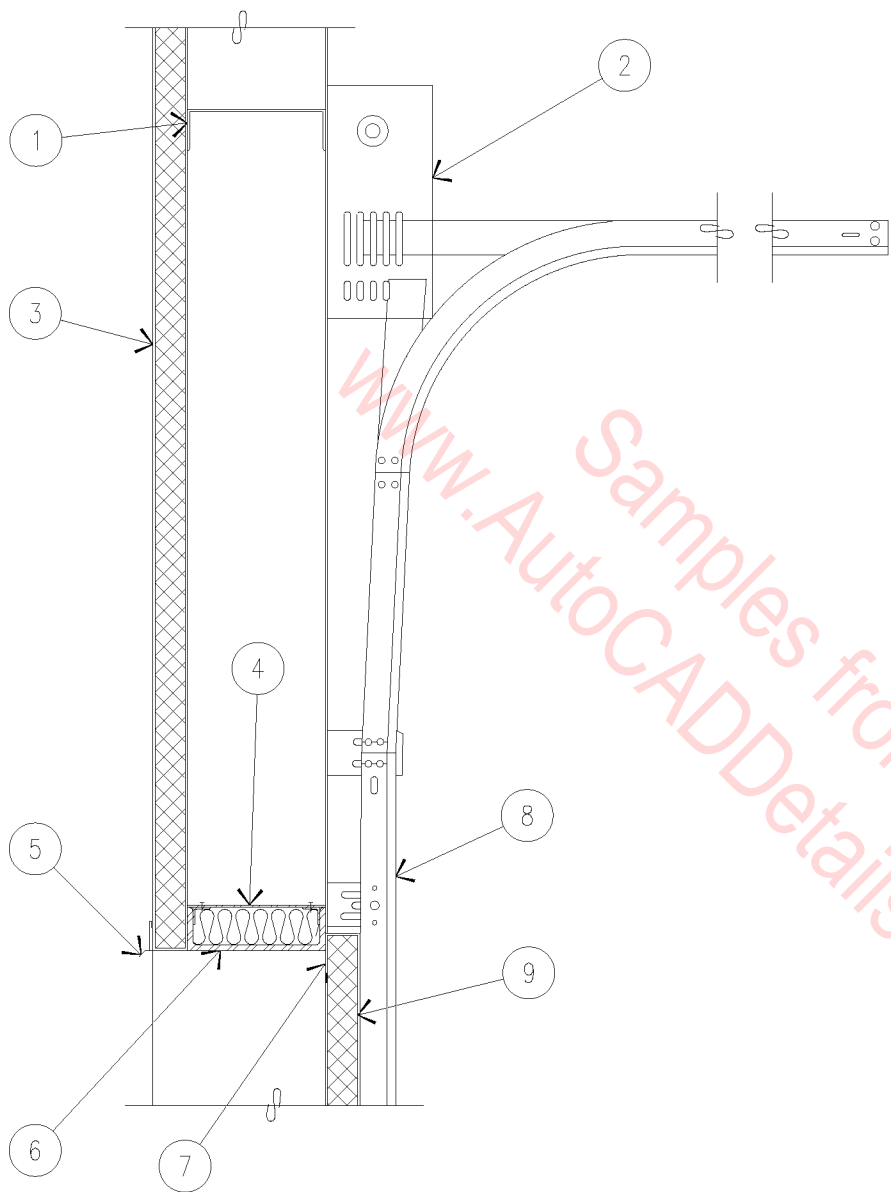
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. AUTOMATIC DOOR OPERATOR AT HEAD FOR HANDICAPPED ACCESS.
6. DOOR WHERE APPLICABLE.



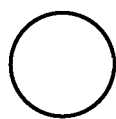
HOLLOW METAL FRAME

3" = 1'-0"

08C-1001



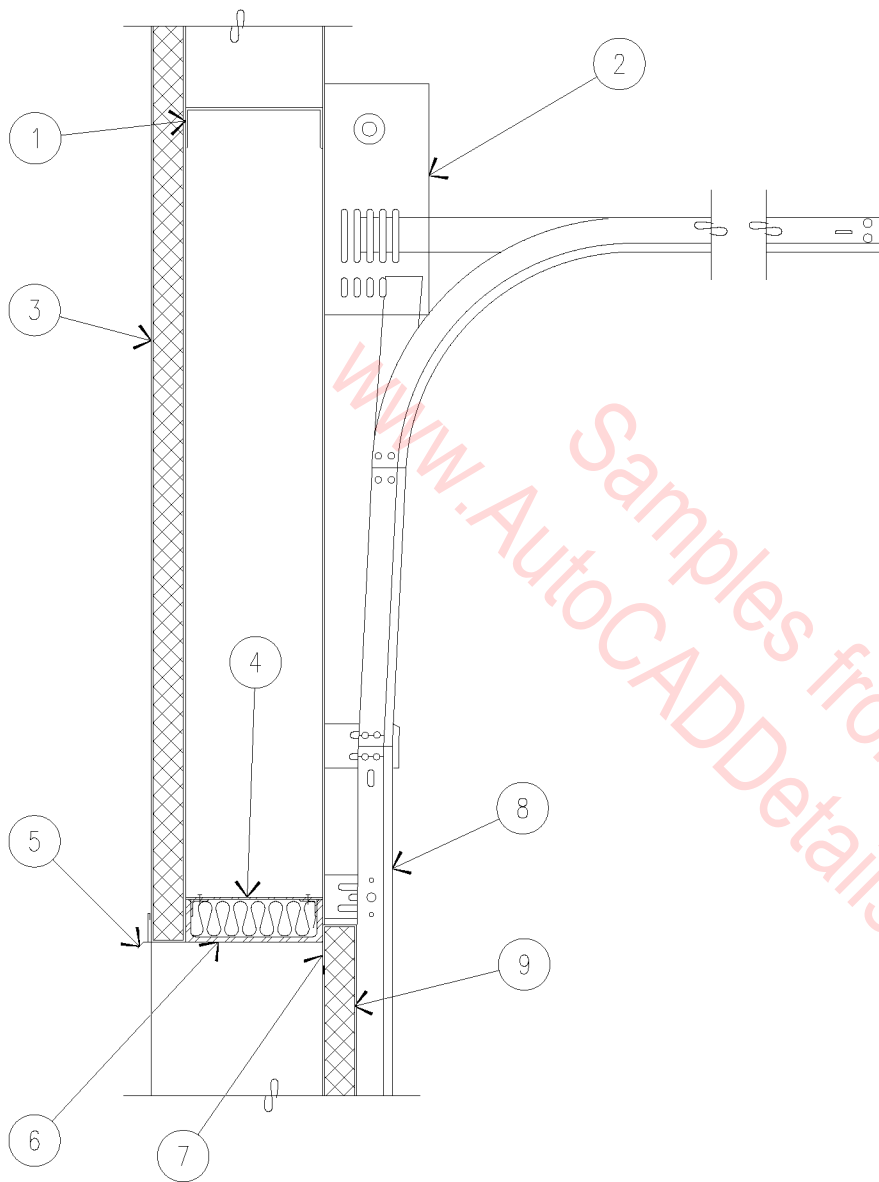
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH DRIP.
6. STEEL GIRT PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.



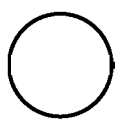
# SECTIONAL DOOR HEAD

1" = 1'-0"

08C-1002



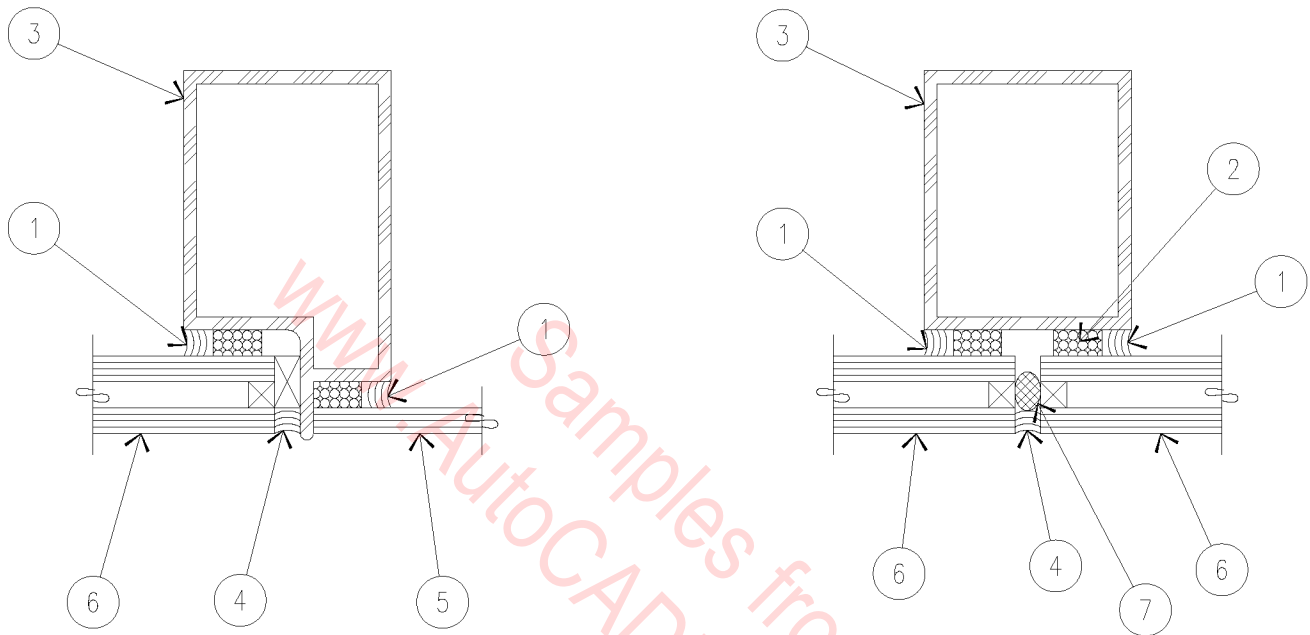
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH DRIP.
6. STEEL GIRT PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.



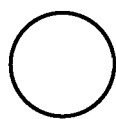
# SECTIONAL DOOR HEAD

1" = 1'-0"

08C-1002



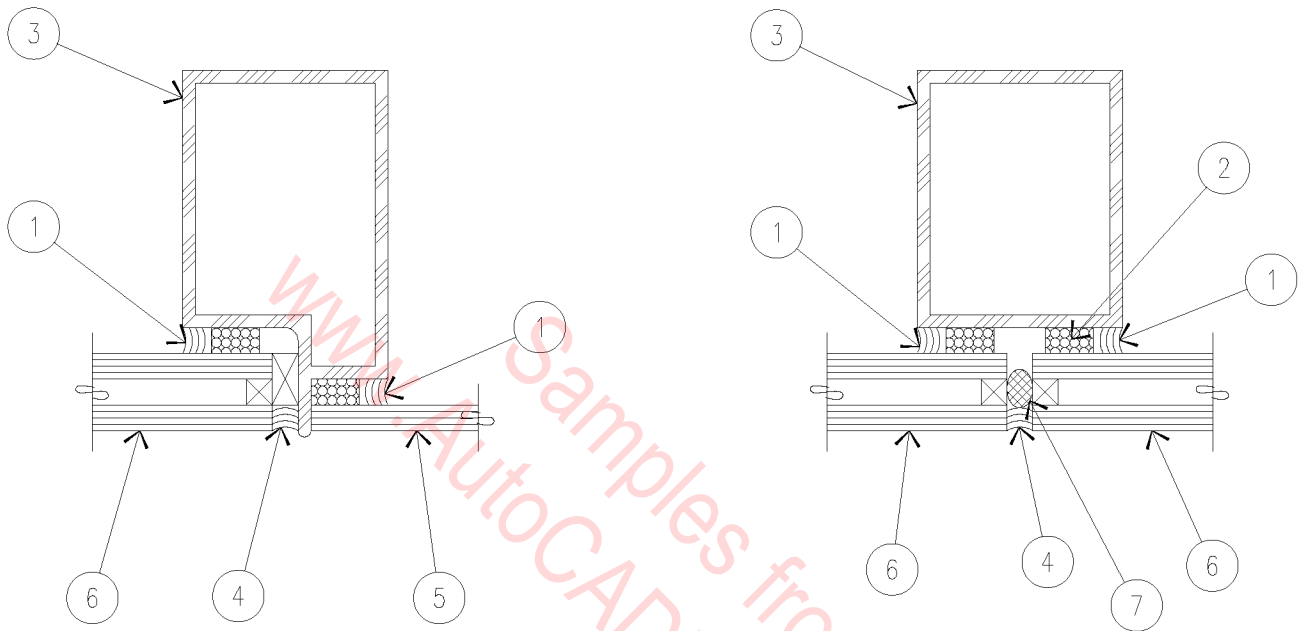
1. STRUCTURAL SILICONE.
2. CELLULAR SPACER TAPE.
3. ALUMINUM MULLION.
4. SEALANT.
5. SPANDREL GLASS.
6. INSULATED GLASS.
7. FOAM BACKER ROD.



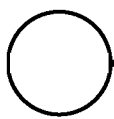
# CURTAIN WALL DETAILS

1" = 1"

08C-4004



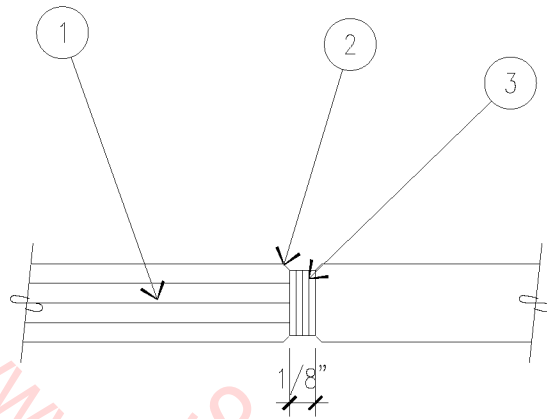
1. STRUCTURAL SILICONE.
2. CELLULAR SPACER TAPE.
3. ALUMINUM MULLION.
4. SEALANT.
5. SPANDREL GLASS.
6. INSULATED GLASS.
7. FOAM BACKER ROD.



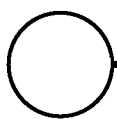
## CURTAIN WALL DETAILS

1" = 1"

08C-4004



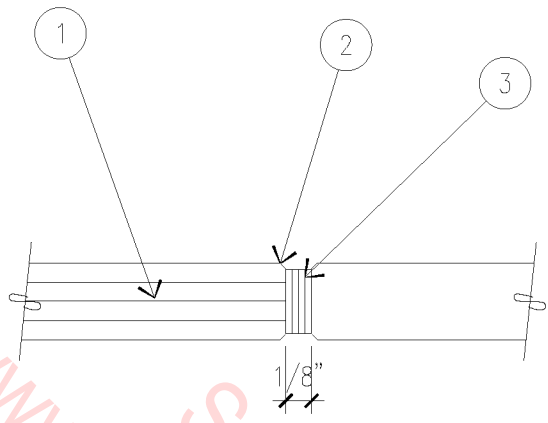
1. 3/8" TEMPERED GLASS (TINTED).
2. BEVELED AND POLISHED ENDS.
3. CLEAR SILICONE AT BUTT JOINT (TYPICAL).



## GLASS BUTT JOINT

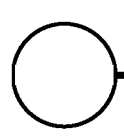
1" = 1"

08C-4003



www.AutoCADDetails.net

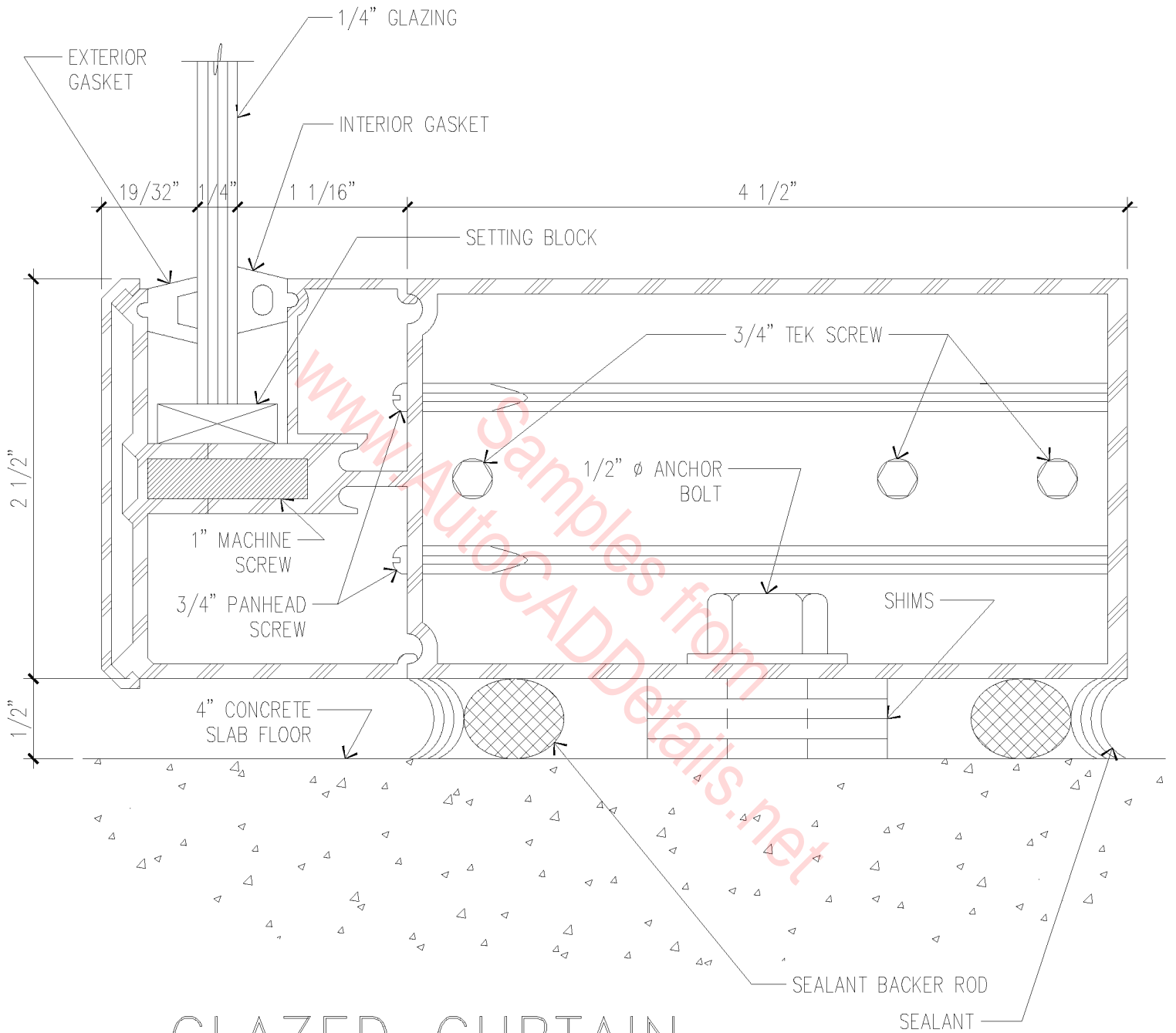
- 1. 3/8" TEMPERED GLASS (TINTED).
- 2. BEVELED AND POLISHED ENDS.
- 3. CLEAR SILICONE AT BUTT JOINT (TYPICAL).



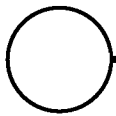
# GLASS BUTT JOINT

1" = 1"

08C-4003



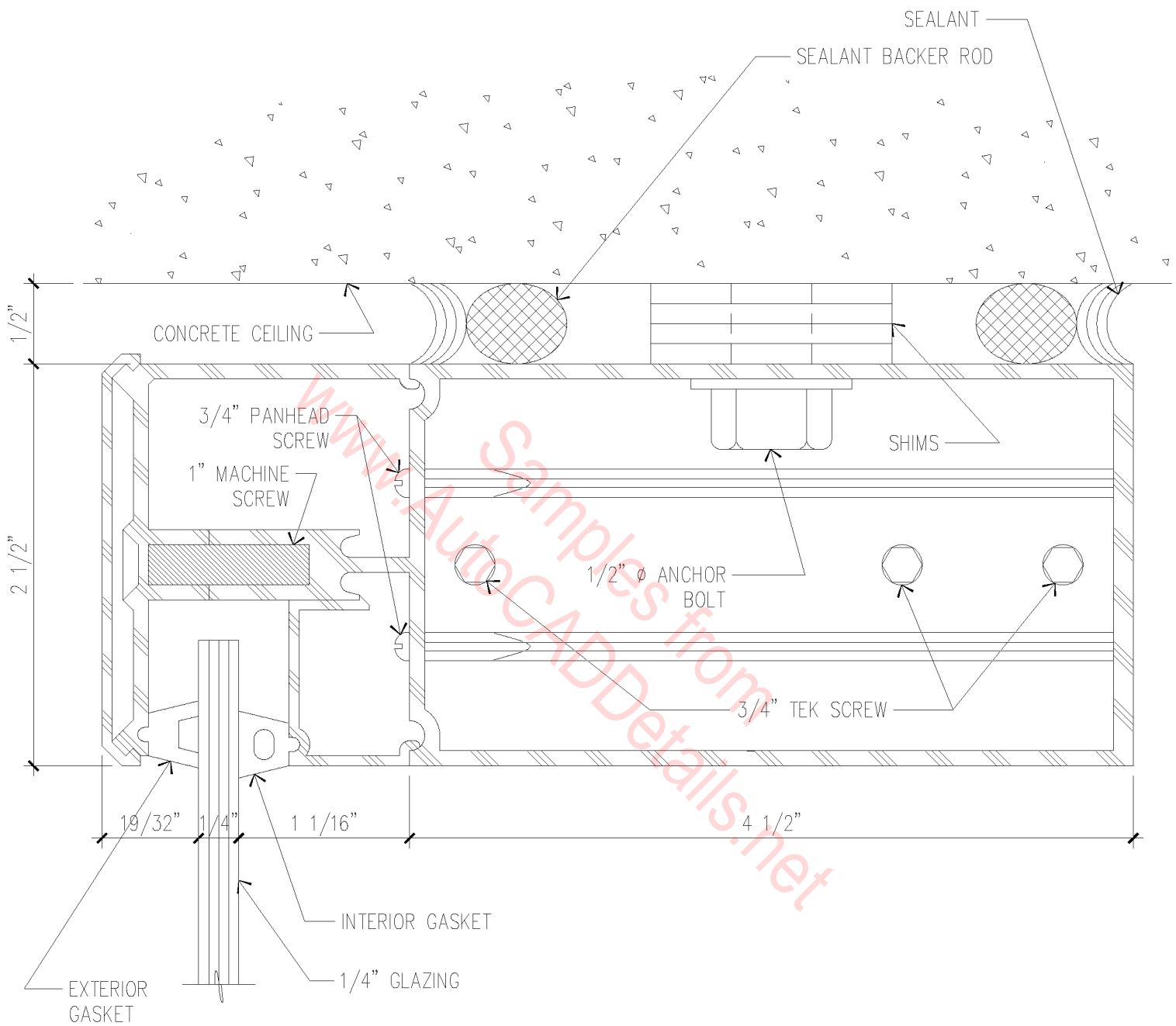
# GLAZED CURTAIN WALL CONNECTION



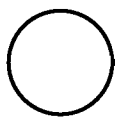
1" = 1"

08C-4001



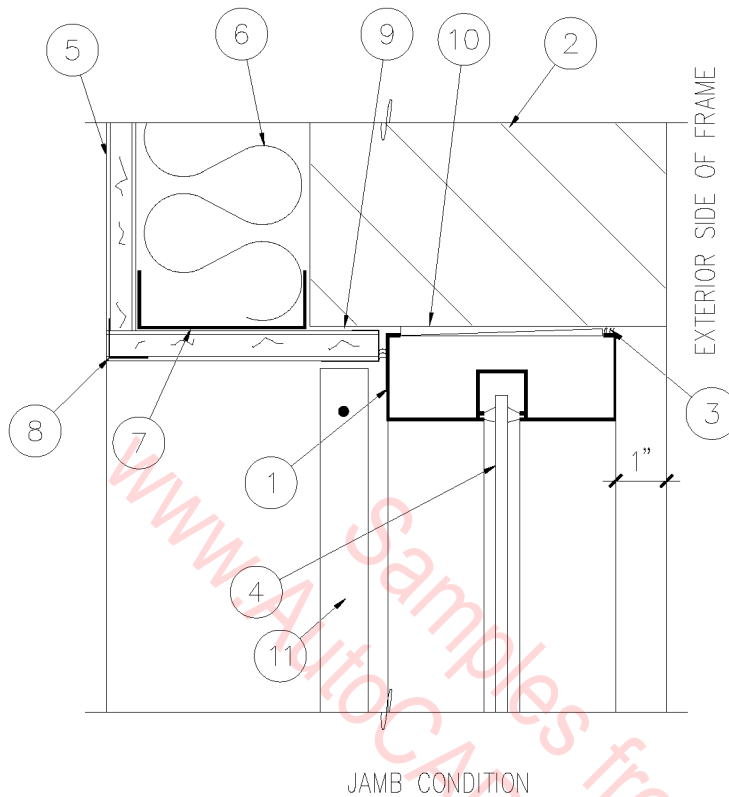


# GLAZED CURTAIN WALL CONNECTION

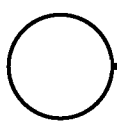


1" = 1"

08C-4002



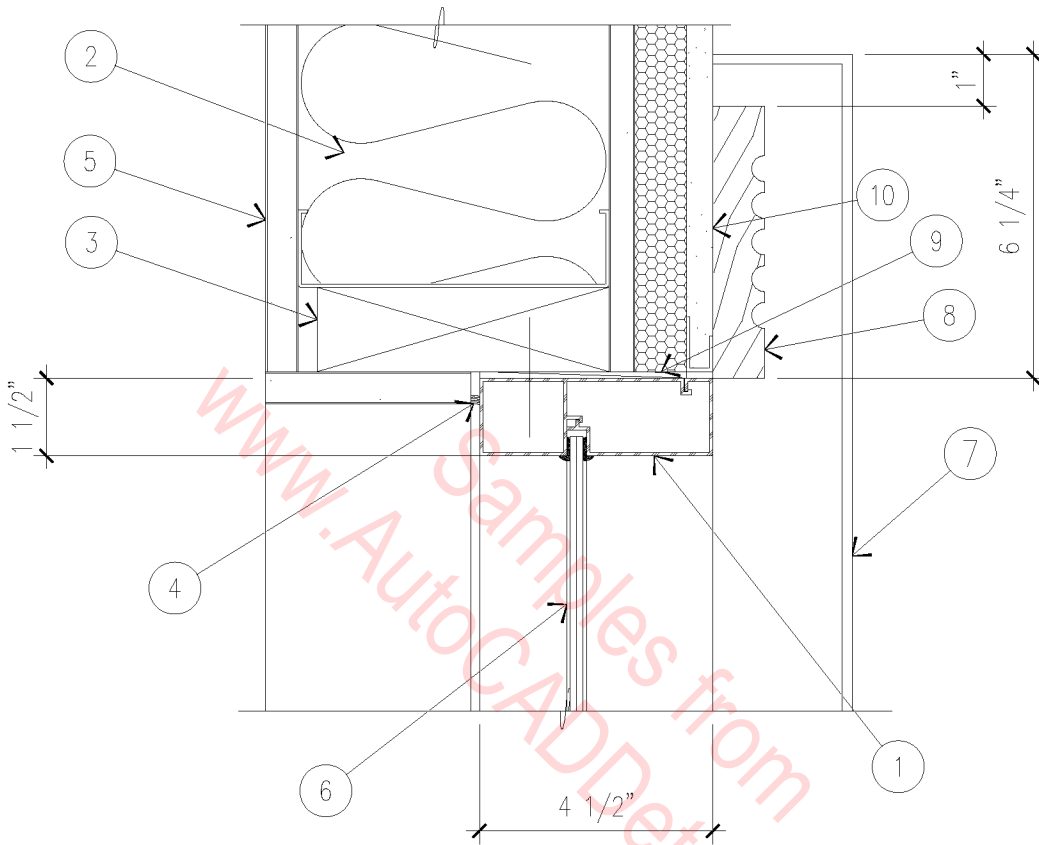
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



## ALUMINUM FRAME JAMB

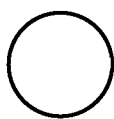
3" = 1'-0"

08C-3001



JAMB CONDITION – HEAD SIMILAR

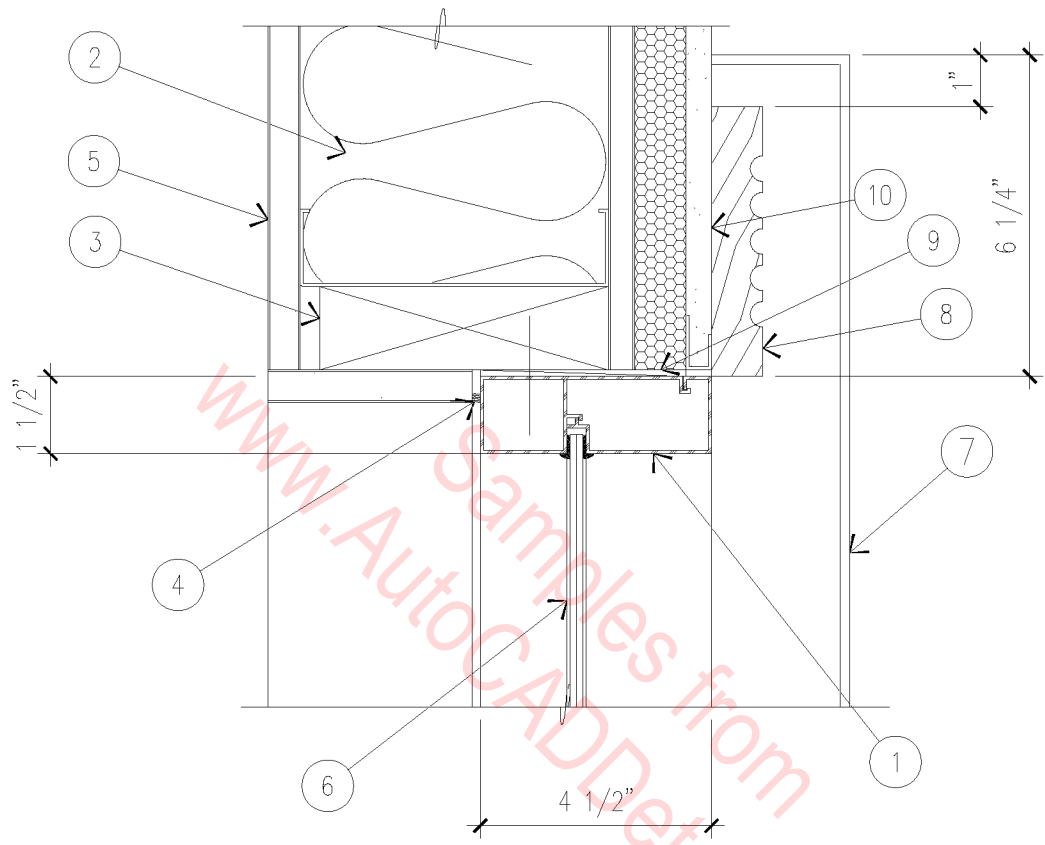
- |   |                                  |
|---|----------------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.            |
| 2. 6" METAL STUD WALL.                          | 6. GLAZING.                      |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. SILL MOLDING.                 |
| 4. SILICONE SEALANT.                            | 8. FLUTED CASING.                |
|   | 9. WOOD SHIM.                    |
|   | 10. CEMENT STUCCO FINISH SYSTEM. |



# STOREFRONT JAMB

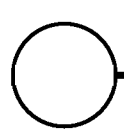
3" = 1'-0"

08C-3002



JAMB CONDITION - HEAD SIMILAR

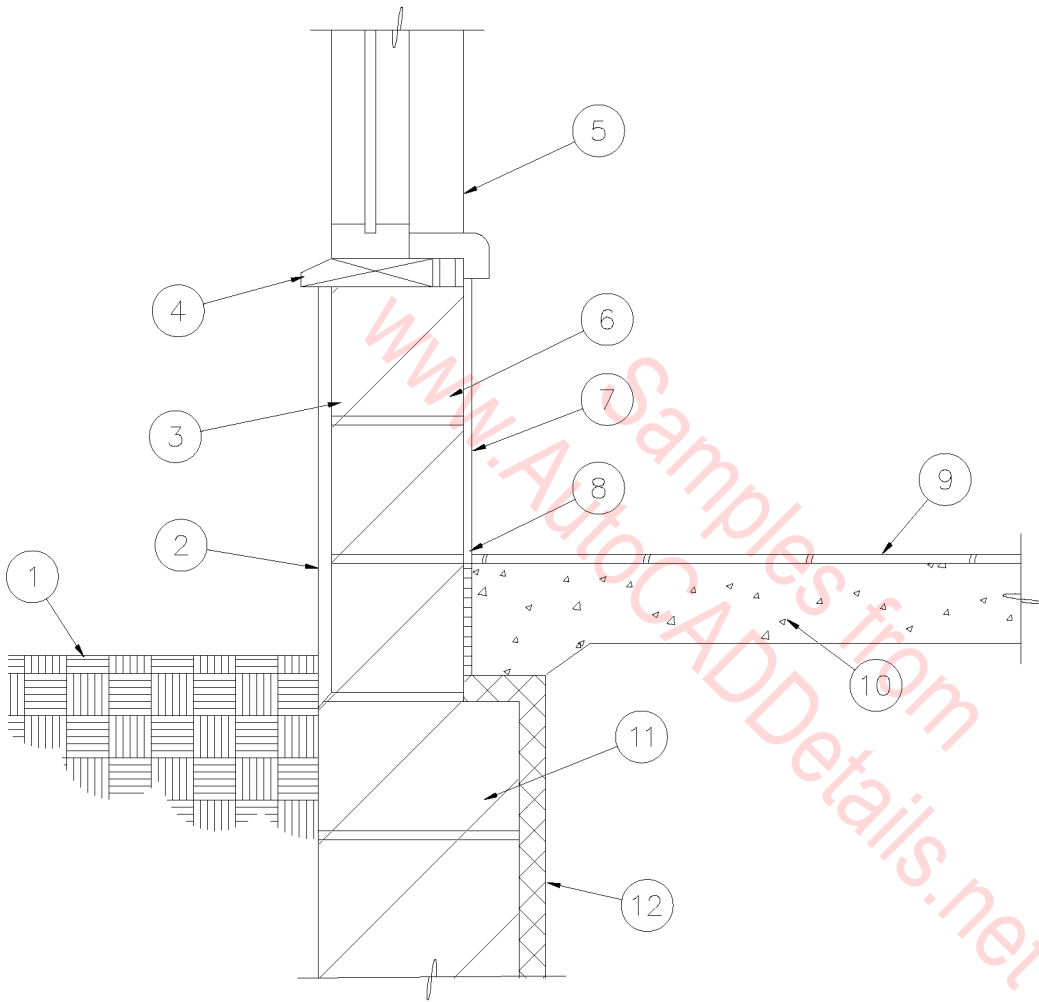
- |   |                                  |
|---|----------------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.            |
| 2. 6" METAL STUD WALL.                          | 6. GLAZING.                      |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. SILL MOLDING.                 |
| 4. SILICONE SEALANT.                            | 8. FLUTED CASING.                |
|   | 9. WOOD SHIM.                    |
|   | 10. CEMENT STUCCO FINISH SYSTEM. |



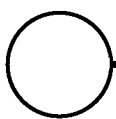
# STOREFRONT JAMB

3" = 1'-0"

08C-3002



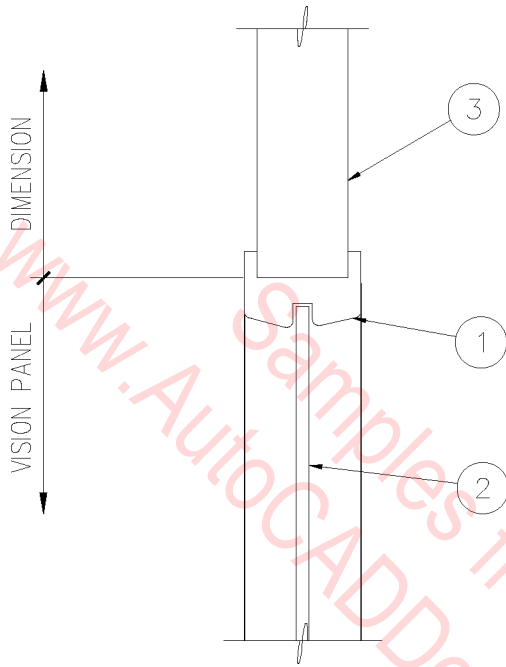
1. FINISH GRADE.
2. EXTERIOR FINISH SYSTEM.
3. 8" MASONRY WALL.
4. 2 X 8 BEVELED SILL BLOCK PAINTED TO MATCH ALUMINUM FRAME.
5. PLASTIC LAM. SILL.
6. 12" BLOCK.
7. CERAMIC TILE OVER THINSET TO 48" A.F.F.
8. 1/2" FILLED EXPANSION CAULK AROUND ENTIRE PERIMETER.
9. FINISH FLOOR (SEE SCHEDULE).
10. 4" CONCRETE SLAB.
11. 12" C.M.U. STEM.
12. 1-1/2" CELLULAR GLASS INSULATION.
13. CAULK AROUND WINDOW FRAME. SEALANT COLOR TO MATCH ALUMINUM FRAME.



## WINDOW SILL

1" = 1'-0"

08C-2001



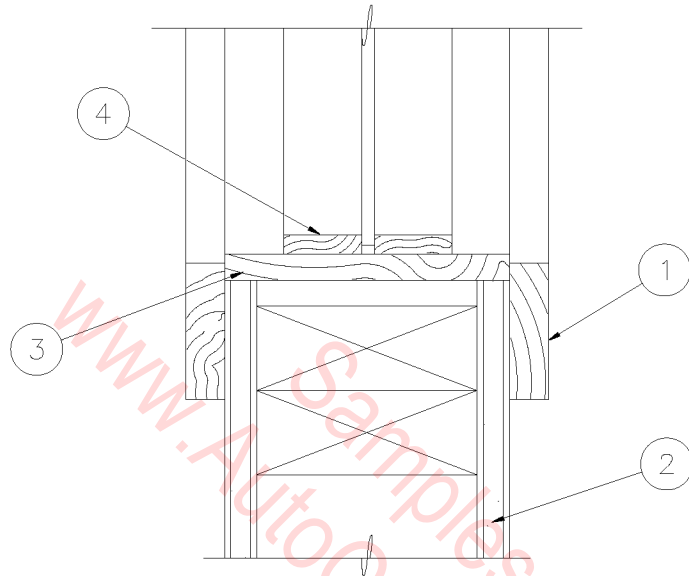
- 1. STEEL VISION PANEL, UL RATED WHERE APPLICABLE.
- 2. GLASS.
- 3. WOOD DOOR.

○ VISION PANEL

---

3" = 1'-0"

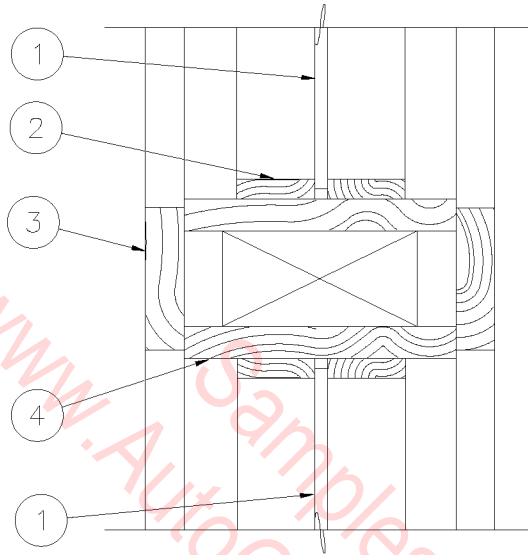
08C-2002



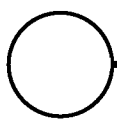
- 1. 1 X 3 TRIM STAIN GRADE.
- 2. 5/8 GYPSUM BOARD.
- 3. 1" JAMB STAIN GRADE.
- 4. GLAZING STOPS STAIN GRADE.

○ WOOD SILL  
3" = 1'-0"

08C-2003



- 1. 1/4" TEMP. GLASS
- 2. SEALANT (TYPICAL)
- 3. 1 X 3 TRIM STAIN GRADE.
- 4. 1" JAMB.

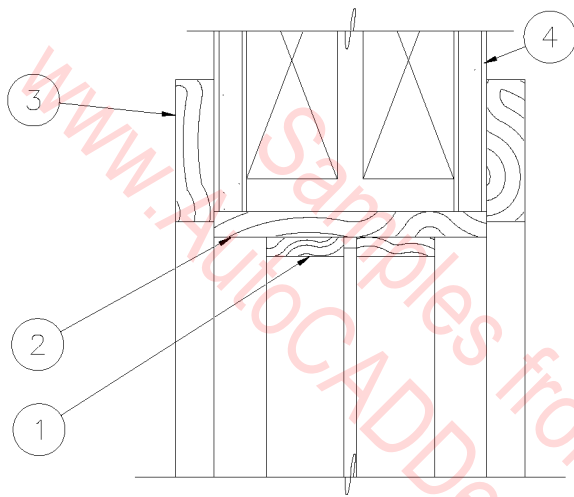


## WOOD MULLION

3" = 1'-0"

08C-2004

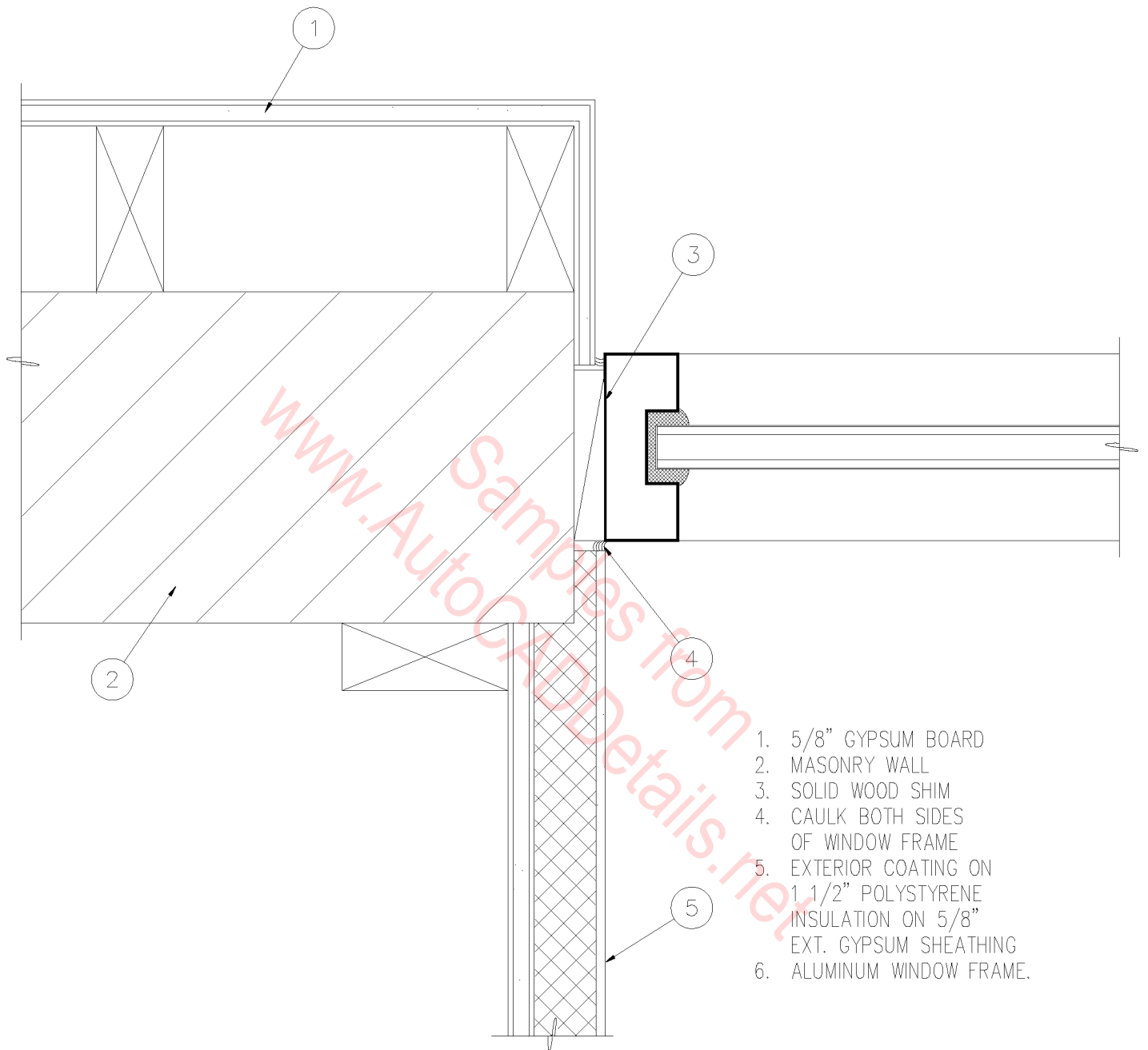




1. WOOD GLAZING STOPS  
STAIN GRADE.
2. 1" JAMB.
3. 1 X 3 TRIM STAIN GRADE.
4. 5/8" GYPSUM BOARD..

WOOD HEAD  
3" = 1'-0"

08C-2005

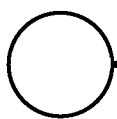
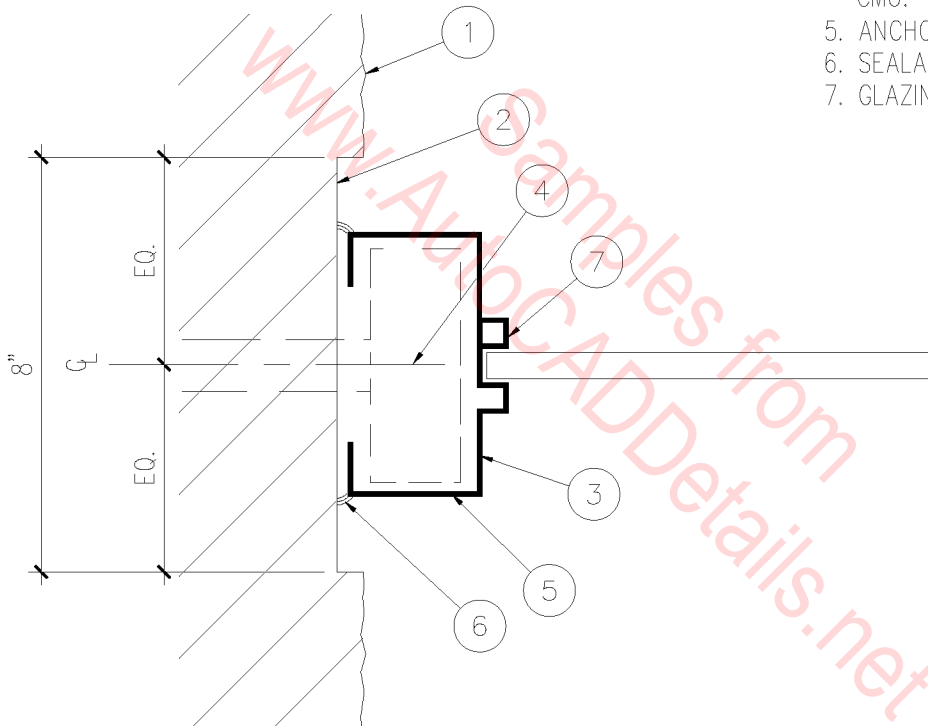


1. 5/8" GYPSUM BOARD
2. MASONRY WALL
3. SOLID WOOD SHIM
4. CAULK BOTH SIDES OF WINDOW FRAME
5. EXTERIOR COATING ON 1 1/2" POLYSTYRENE INSULATION ON 5/8" EXT. GYPSUM SHEATHING
6. ALUMINUM WINDOW FRAME.

○ WINDOW JAMB  
 3" = 1'-0"

08C-2006

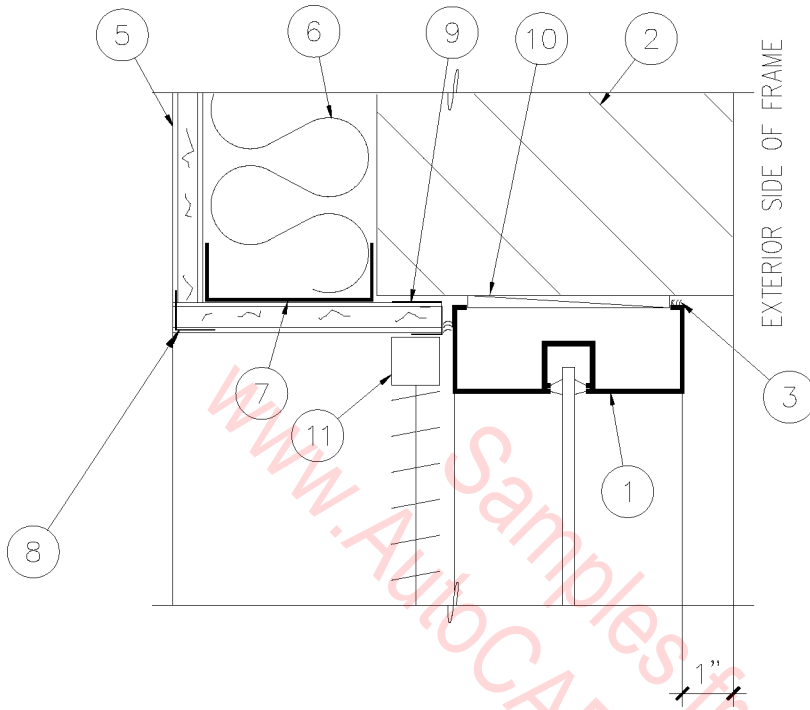
1. BAND OF SPLITFACE CMU.
2. 8" WIDE VERTICAL "STRIP" OF REGULAR CMU.
3. HOLLOW METAL FRAMES.
4. FRAMES TO BE CENTERED ON VERTICAL "STRIP" OF REGULAR CMU.
5. ANCHOR.
6. SEALANT.
7. GLAZING STOP.



## HOLLOW METAL FRAME

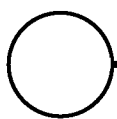
3" = 1'-0"

08C-2007



HEAD CONDITION

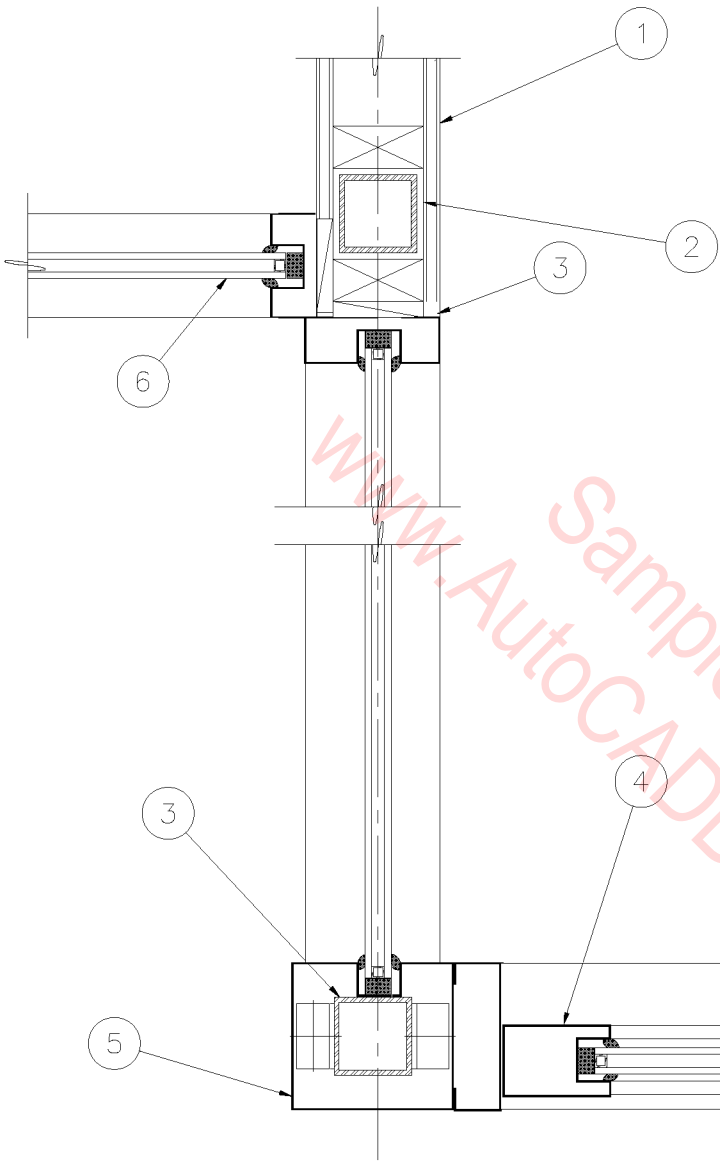
1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT.
4. GLASS.
5. 5/8" TYPE 'X' GYPSUM BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



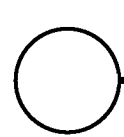
# ALUMINUM FRAME

3" = 1'-0"

08C-2008



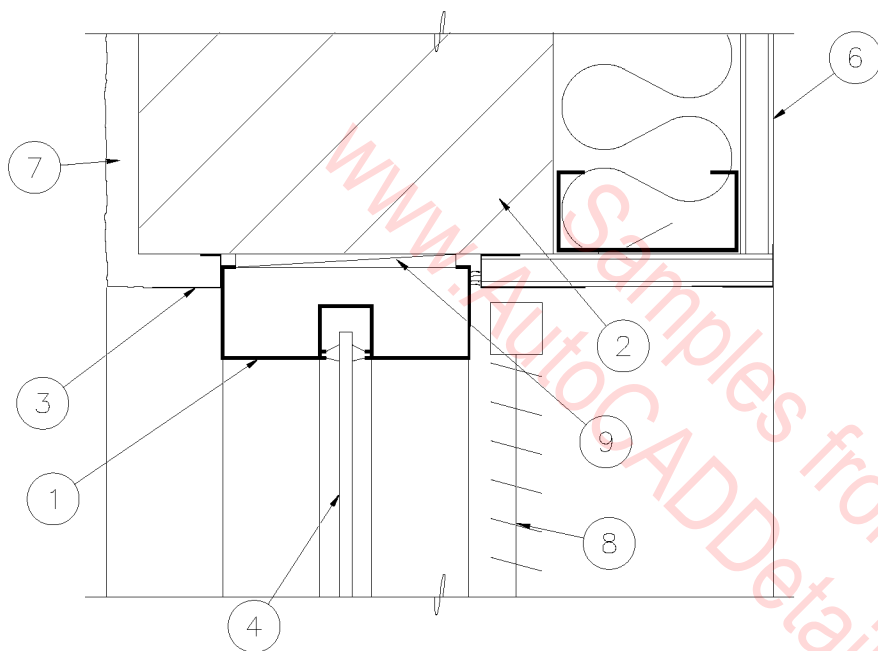
1. 5/8" GYPSUM BOARD.
2. 3" SQUARE TUBE
3. CAULK FRAME BOTH SIDES
4. ALUMINUM DOOR
5. CORNER FRAMING TO MATCH OTHER FRAMING.
6. 1" TINTED SOLAR BRONZE INSULATED GLASS.



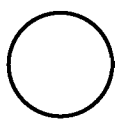
WINDOW/DOOR JAMB

1 1/2" = 1'-0"

08C-2009



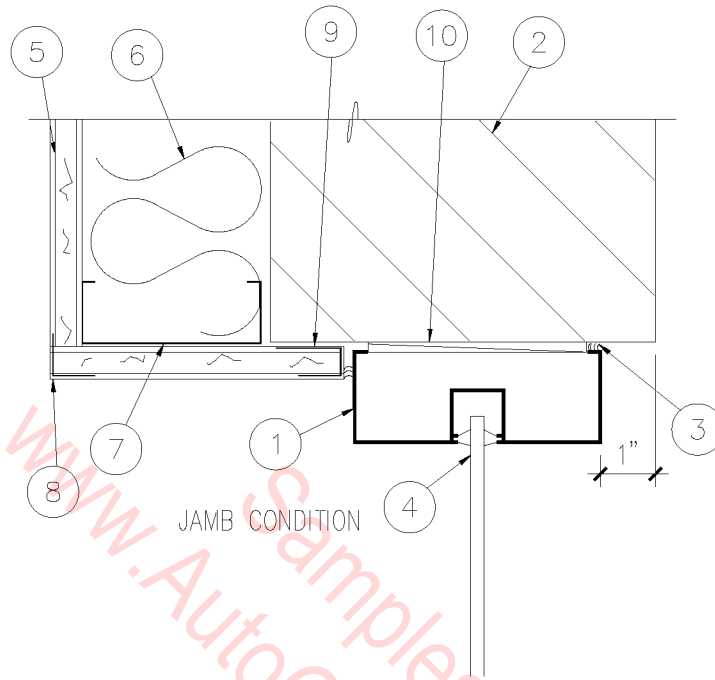
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. 'J' MOLD & SEALANT - TYPICAL BOTH SIDES.
4. 1/4" GLASS.
5. CORNER BEAD - TYPICAL.
6. 5/8" GYP. BOARD ON 3-5/8" METAL STUDS WITH R-11 BATT INSULATION.
7. 5/8" CEMENT PLASTER.
8. WINDOW BLIND.
9. SHIM.



ALUMINUM FRAME

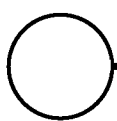
3" = 1'-0"

08C-2010



EXTERIOR SIDE OF FRAME

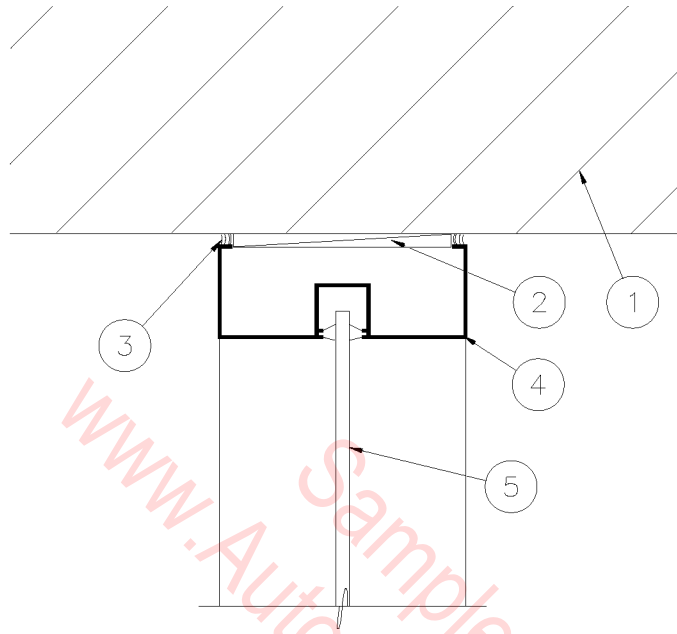
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.



## ALUMINUM FRAME

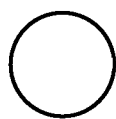
SCALE: 3" = 1'-0"

08C-2011



JAMB CONDITION

1. MASONRY WALL.
2. SHIM.
2. SEALANT BOTH SIDES - TYPICAL.
4. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
5. GLASS.

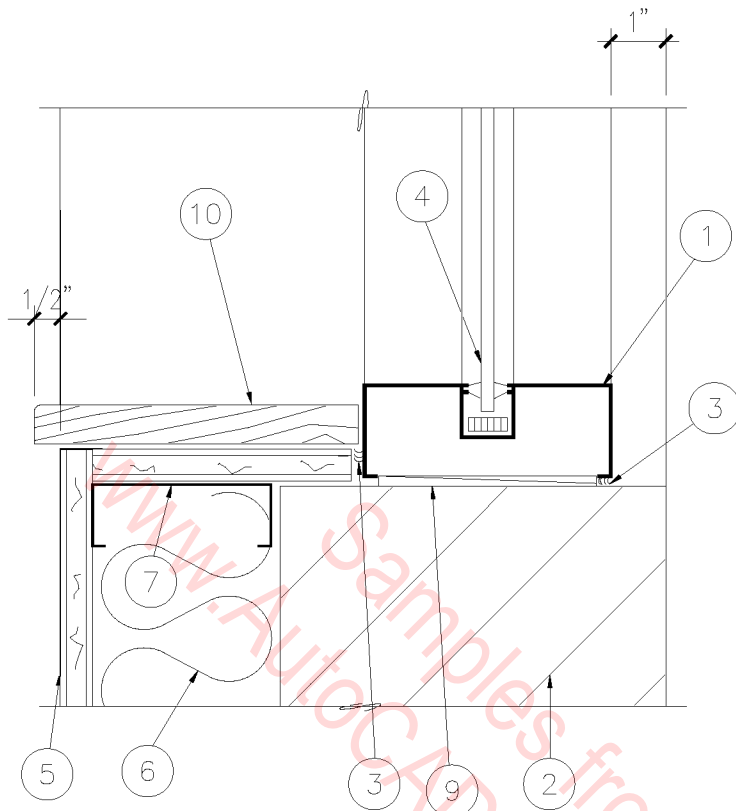


# ALUMINUM FRAME JAMB

3" = 1'-0"

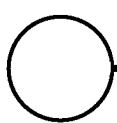
08C-2012





EXTERIOR SIDE OF FRAME

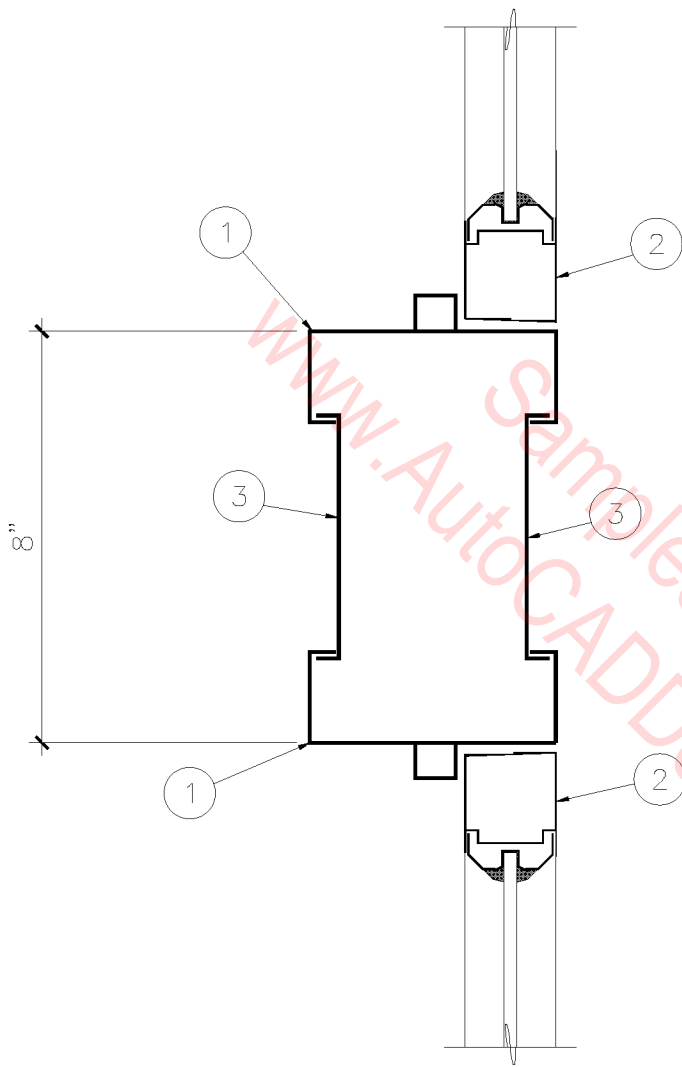
1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS AT 24" O.C.
8. CORNER BEAD.
9. SHIM AS REQUIRED.
10. 3/4" OAK WINDOW SILL.



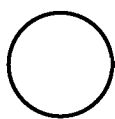
WOOD SILL

3" = 1'-0"

08C-2013



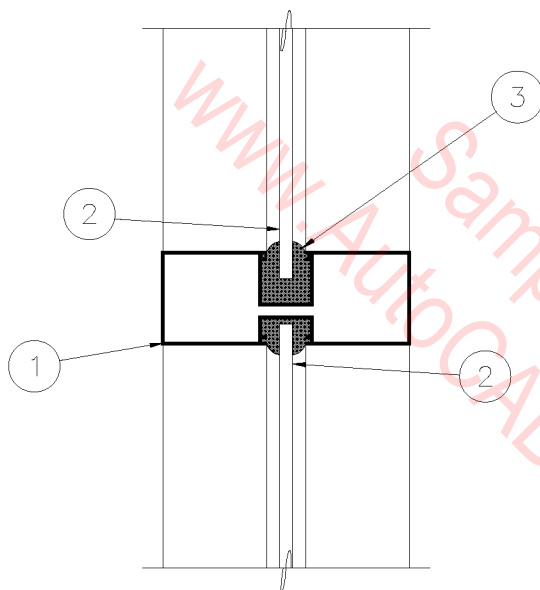
1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. STOREFRONT DOOR.
3. BRAKE METAL FILLER.



ALUMINUM MULLION

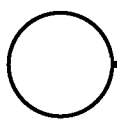
3" = 1'-0"

08C-2014



1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. GLASS.
3. NEOPRENE / RUBBER MOULDING.

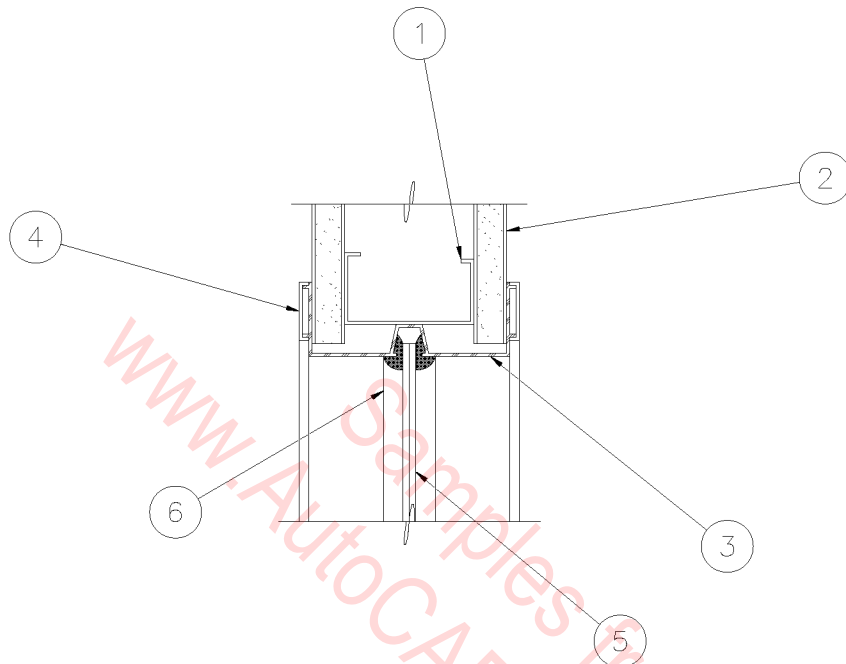
INTERMEDIATE HORIZONTAL MULLION



ALUMINUM MULLION

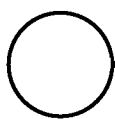
3" = 1'-0"

08C-2015



JAMB - HEAD AND SILL SIMILAR

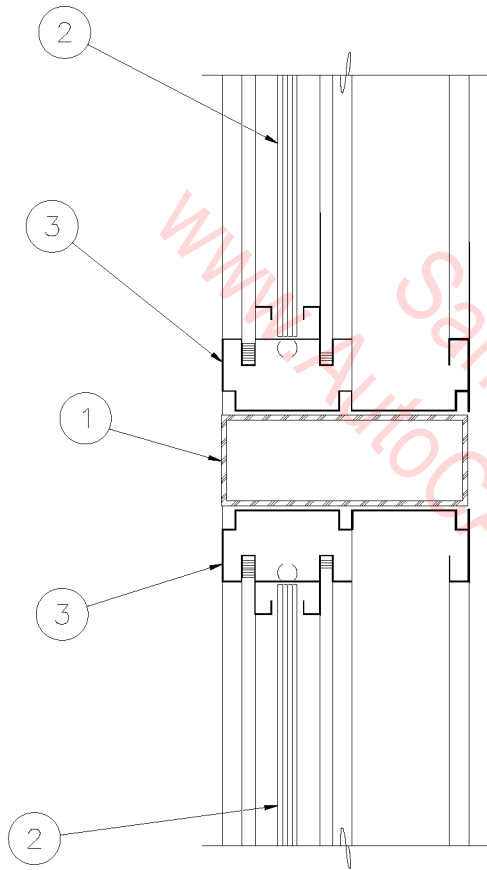
1. 2-1/2", 20 GA METAL STUD AT 24" O.C..
2. 5/8" GYP. BD., EACH SIDE.
3. ALUMINUM FRAME.
4. PVC BATTEN, EACH SIDE.
5. GLASS.
6. GLAZING BEAD.



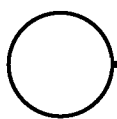
ALUMINUM WINDOW FRAME

3" = 1'-0"

08C-2016



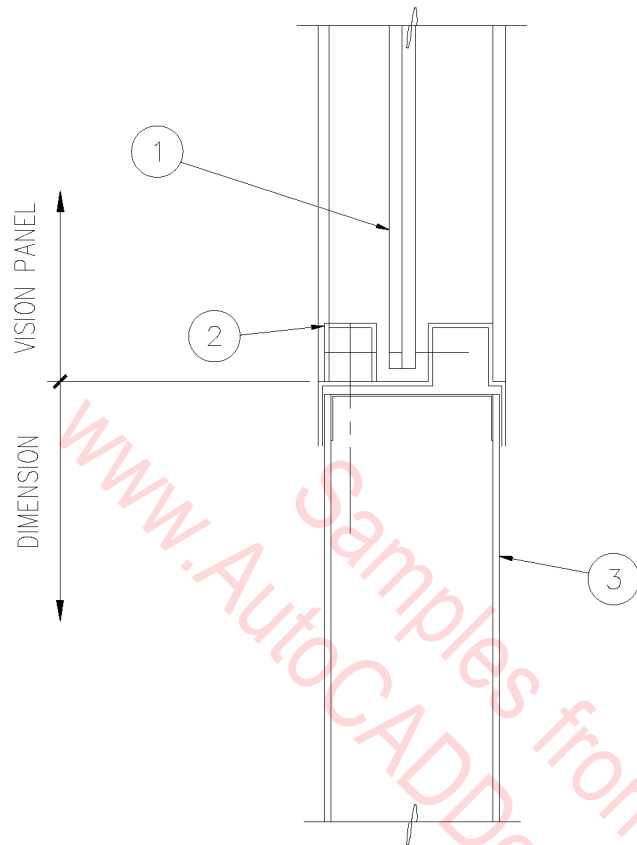
1. 1-3/4" ALUMINUM STOREFRONT.
2. GLAZING.
3. ALUMINUM SLIDING DOOR ASSEMBLY.



# ALUMINUM SLIDING DOOR

3" = 1'-0"

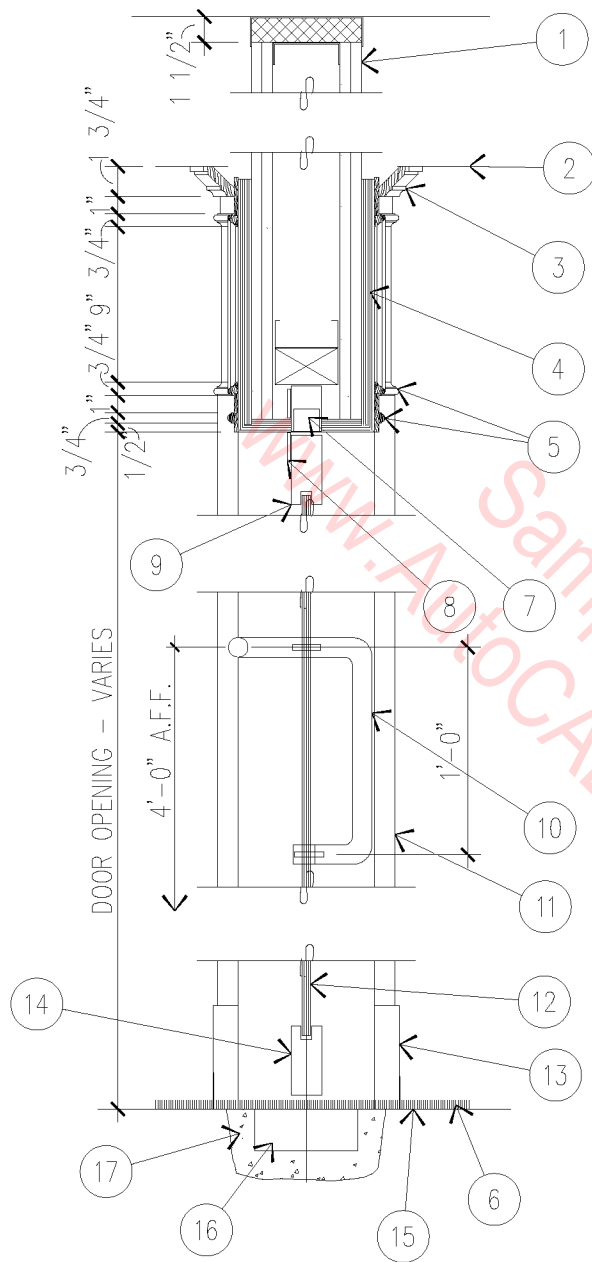
08C-2017



1. GLAZING.
2. 1/2" X 5/8" HIGH HOLLOW METAL STOP.
3. HOLLOW METAL DOOR.
4. SCREW POLYCARBONATE SHEET TO RABBET SIDE OF STOP.


**VISION PANEL**  
 3" = 1'-0"

08C-2018



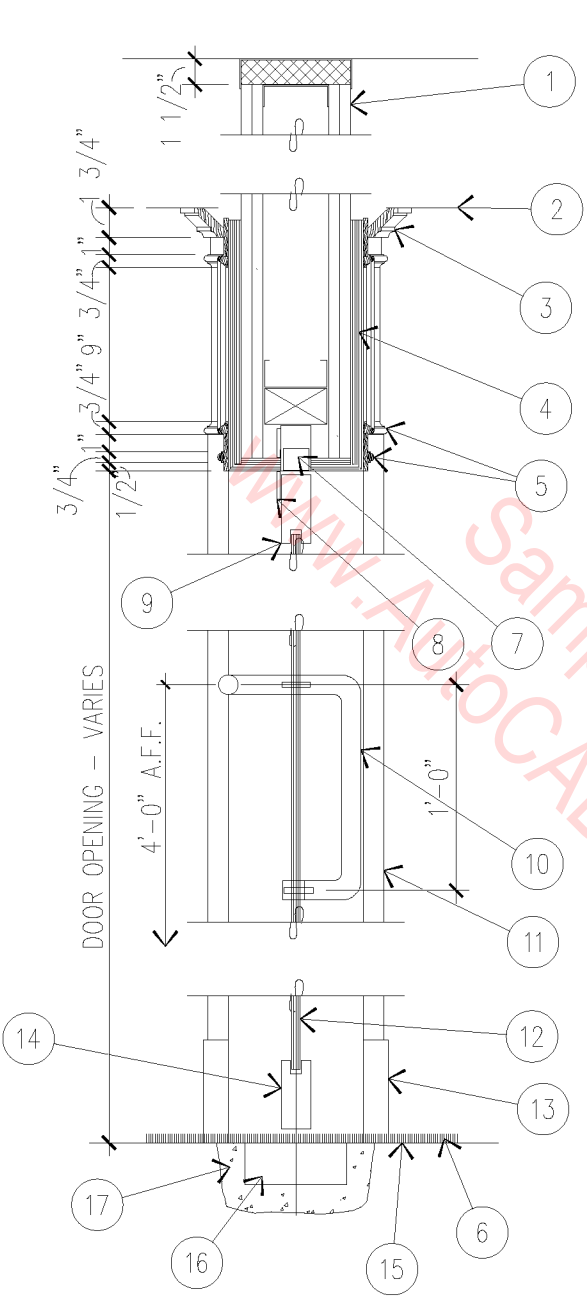
1. 5/8" GYPSUM BOARD.
2. LINE OF SCHEDULE CEILING SYSTEM.
3. HARDWOOD CROWN MOLDING
4. 3/4" PLYWOOD PANEL WITH CHERRY VENEER FINISH.
5. HARDWOOD MOLDING.
6. CARPET.
7. DOOR TOP PIVOT (NOT SHOWN) RECESS IN HEADER CONT. TOP OF TRACK AT SIDELIGHTS.
8. DOOR STOP WITH NEOPRENE PAD.
9. FULL TOP SHOE SHALL BE 1 3/4" THICK, MINIMUM, TO RECEIVE ELECTRIC STRIKE.
10. 1 1/8" Ø PULL BAR (VERTICAL ON LOBBY SIDE AND HORIZONTAL ON RECEPTION SIDE).
11. HARDWOOD PILASTER BEYOND.
12. 1/2" THICK TEMPERED GLASS DOOR
13. 6" HIGH PLINTH.
14. FULL BOTTOM SHOE.
15. GENERAL CONTRACTOR TO PATCH SLAB AS REQUIRED.
16. SINGLE ACTING CENTER PIVOT RECESSED FLOOR CLOSER WITH HOLD OPEN FEATURE (MAX. OPENING 90°) AND 170° FOR INACTIVE DOOR.
17. GENERAL CONTRACTOR TO CHOP SLAB FOR CLOSER AND FILL AS REQUIRED.

NOTE: ANCHOR WITH POWER ACTUATED FASTENERS @ 16" O.C.

# ENTRY DOOR SECTION

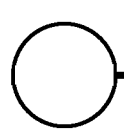
1" = 1'-0"

08C-2019



1. 5/8" GYPSUM BOARD.
2. LINE OF SCHEDULE CEILING SYSTEM.
3. HARDWOOD CROWN MOLDING
4. 3/4" PLYWOOD PANEL WITH CHERRY VENEER FINISH.
5. HARDWOOD MOLDING.
6. CARPET.
7. DOOR TOP PIVOT (NOT SHOWN) RECESS IN HEADER CONT. TOP OF TRACK AT SIDELIGHTS.
8. DOOR STOP WITH NEOPRENE PAD.
9. FULL TOP SHOE SHALL BE 1 3/4" THICK, MINIMUM, TO RECEIVE ELECTRIC STRIKE.
10. 1 1/8" Ø PULL BAR (VERTICAL ON LOBBY SIDE AND HORIZONTAL ON RECEPTION SIDE).
11. HARDWOOD PILASTER BEYOND.
12. 1/2" THICK TEMPERED GLASS DOOR
13. 6" HIGH PLINTH.
14. FULL BOTTOM SHOE.
15. GENERAL CONTRACTOR TO PATCH SLAB AS REQUIRED.
16. SINGLE ACTING CENTER PIVOT RECESSED FLOOR CLOSER WITH HOLD OPEN FEATURE (MAX. OPENING 90°) AND 170° FOR INACTIVE DOOR.
17. GENERAL CONTRACTOR TO CHOP SLAB FOR CLOSER AND FILL AS REQUIRED.

NOTE: ANCHOR WITH POWER ACTUATED FASTENERS @ 16" O.C.

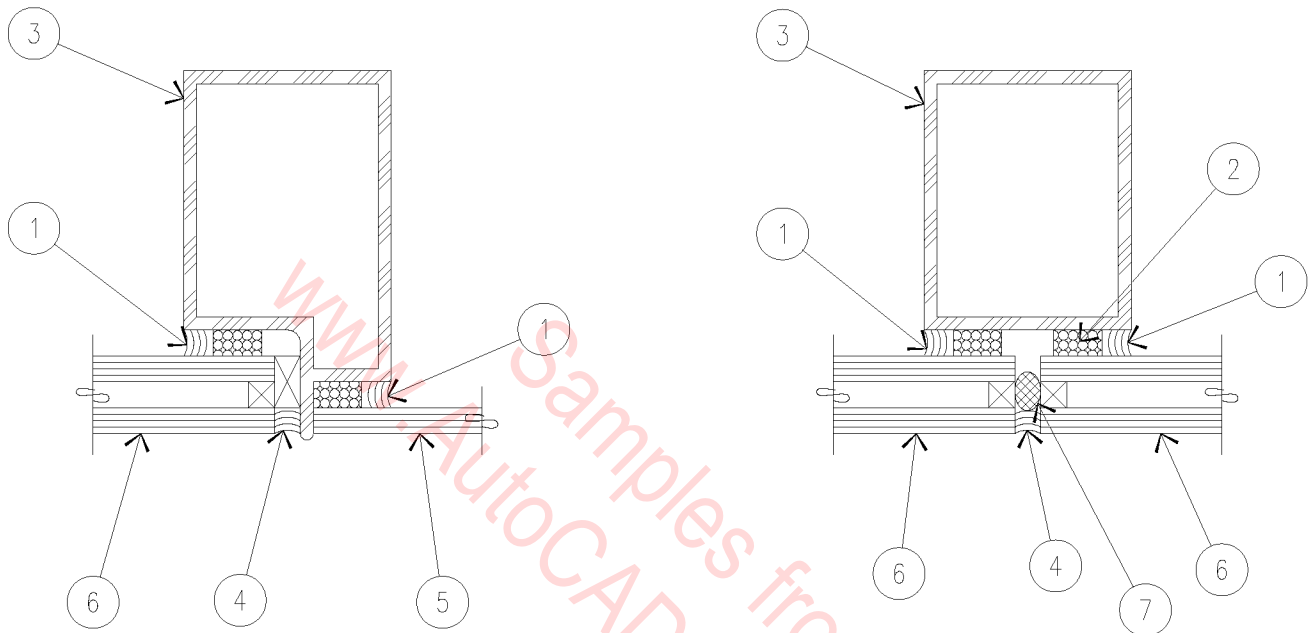


# ENTRY DOOR SECTION

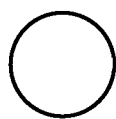
1" = 1'-0"

08C-2019





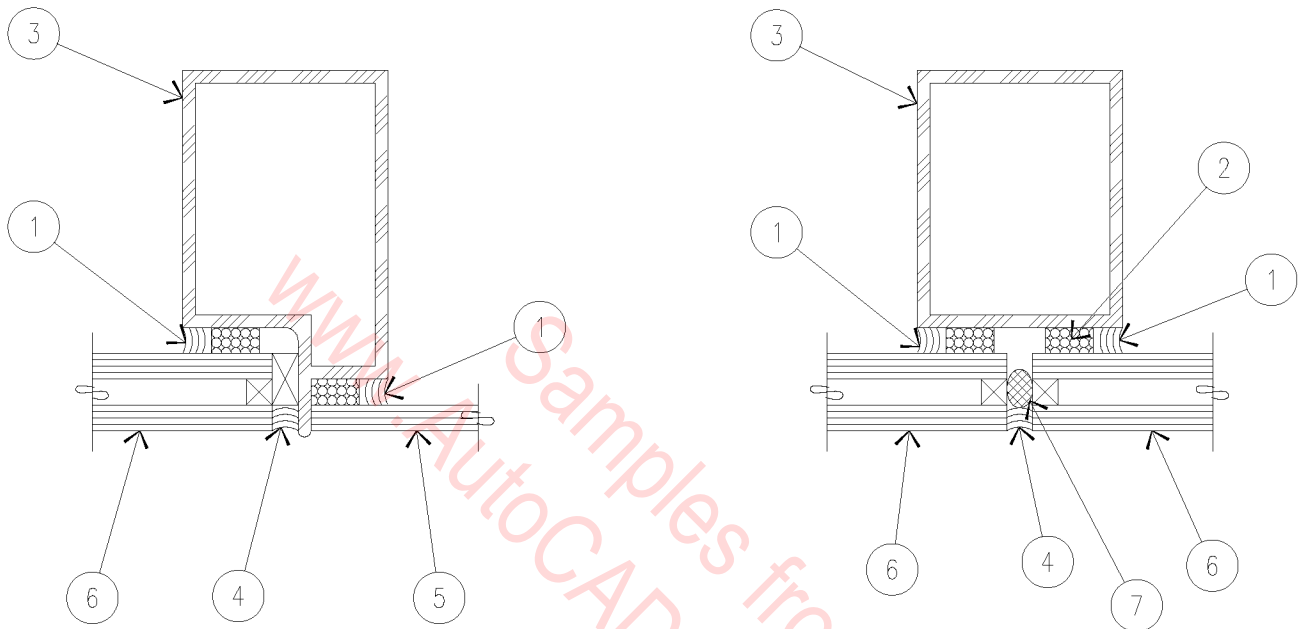
1. STRUCTURAL SILICONE.
2. CELLULAR SPACER TAPE.
3. ALUMINUM MULLION.
4. SEALANT.
5. SPANDREL GLASS.
6. INSULATED GLASS.
7. FOAM BACKER ROD.



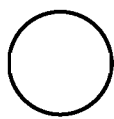
# CURTAIN WALL DETAILS

1" = 1"

08C-2020



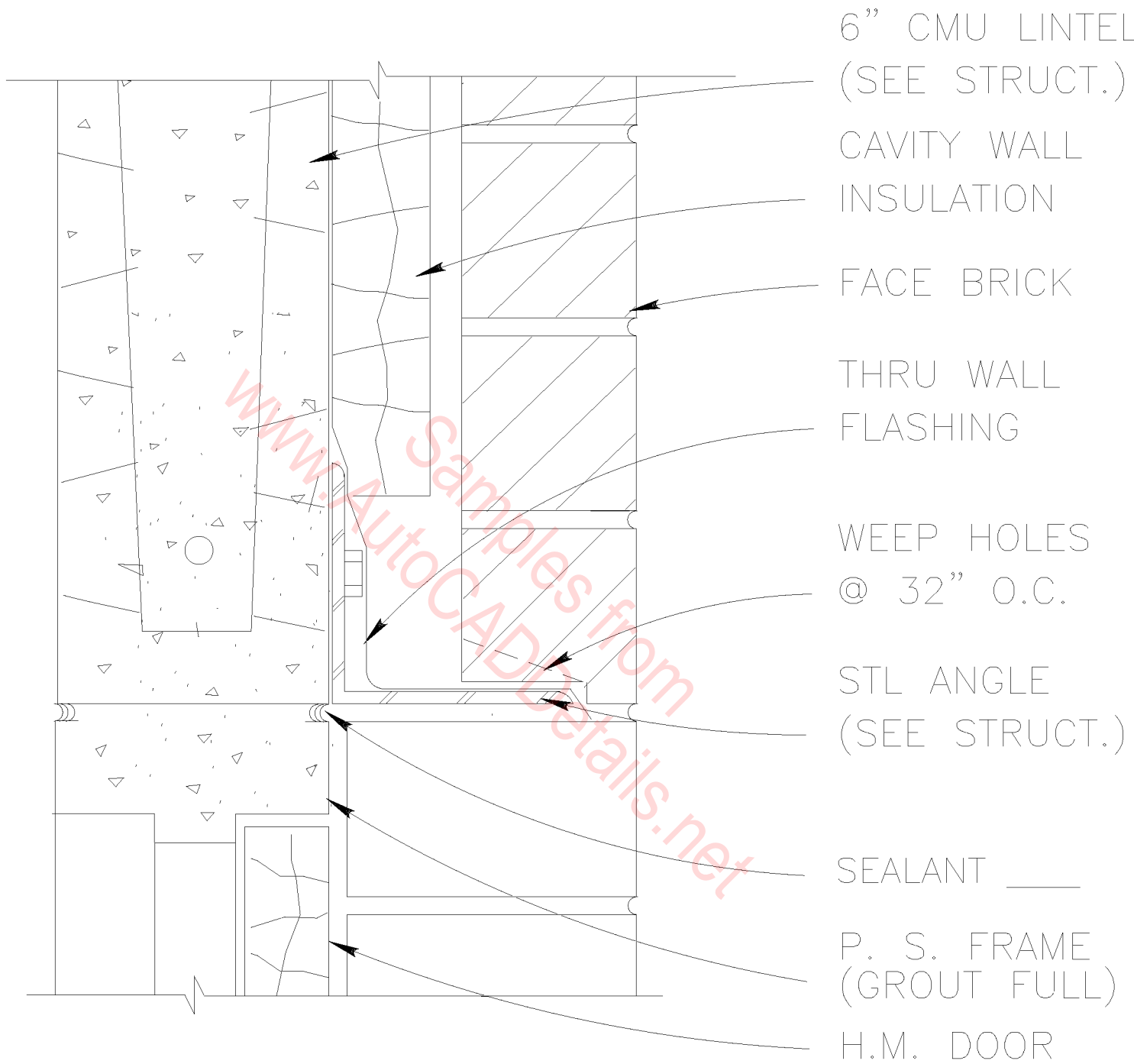
1. STRUCTURAL SILICONE.
2. CELLULAR SPACER TAPE.
3. ALUMINUM MULLION.
4. SEALANT.
5. SPANDREL GLASS.
6. INSULATED GLASS.
7. FOAM BACKER ROD.



## CURTAIN WALL DETAILS

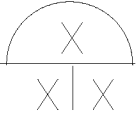
1" = 1"

08C-2020



HEAD DETAIL

SCALE : 3" = 1'-0"



6" CMU  
CAVITY WALL  
INSULATION

STEEL BEAM  
(SEE STRUCT.)

4" CMU  
FACE BRICK

THRU-WALL  
FLASHING

WEEP HOLES  
@ 32" O.C.

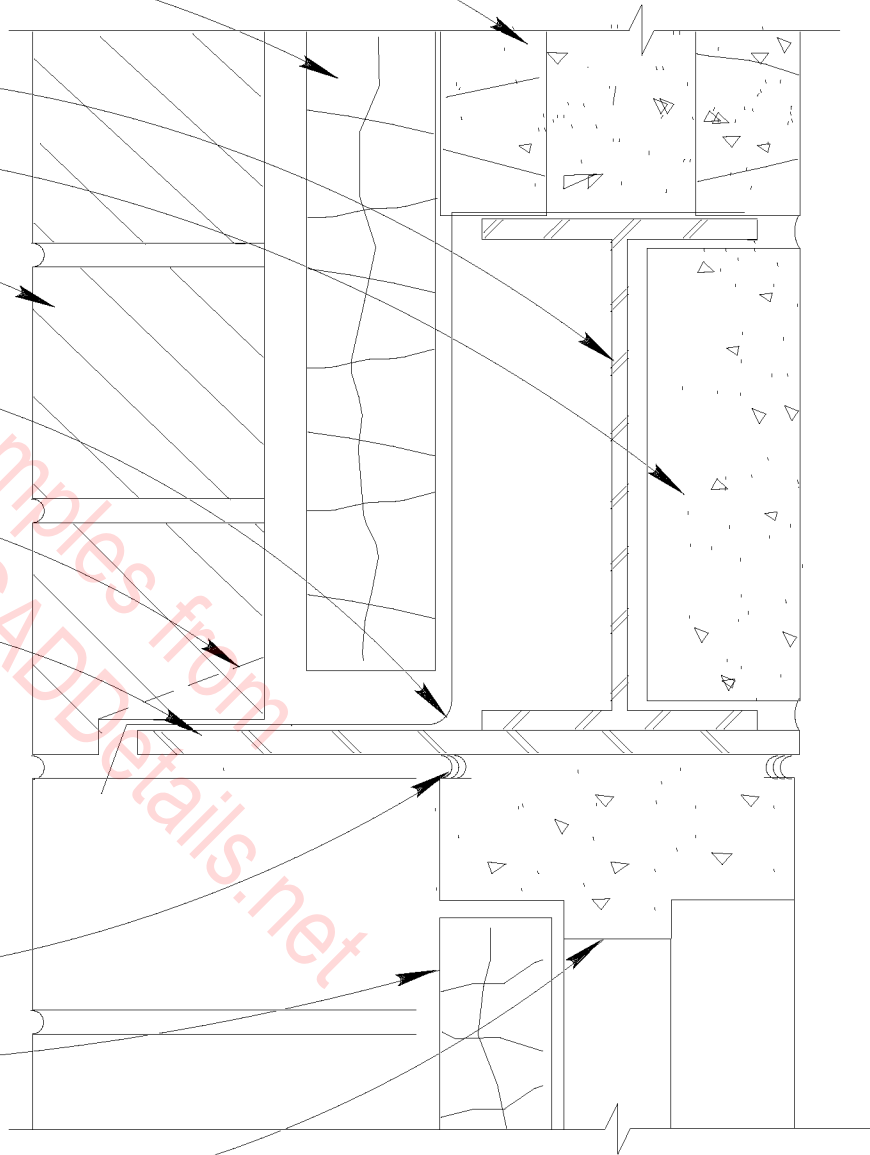
STEEL PLATE  
(SEE STRUCT.)

BOT. OF STL PL.  
ELEV. = X'-X"

SEALANT  
BOTH SIDES

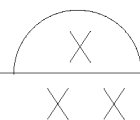
H.M. DOOR

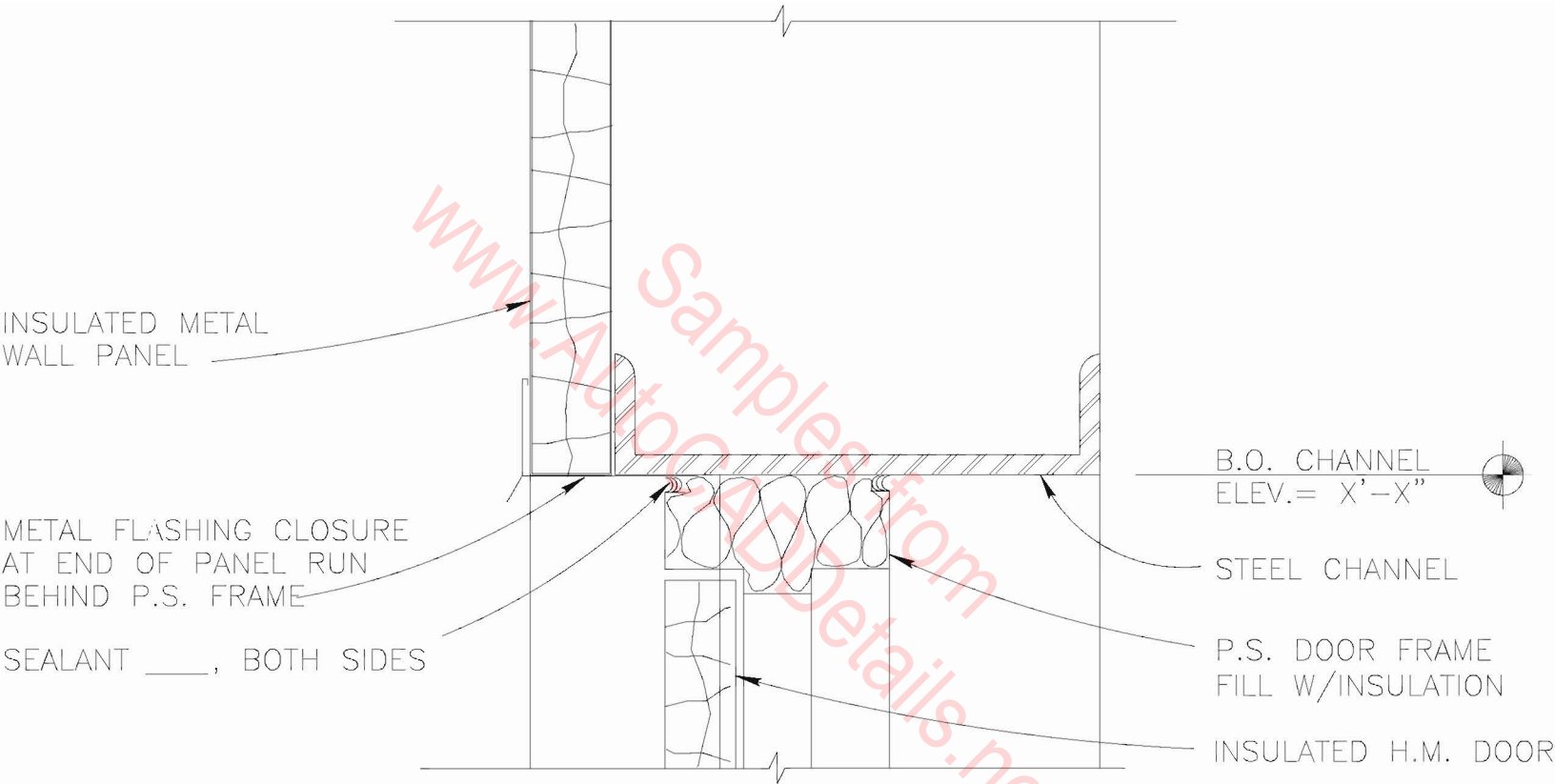
P.S. FRAME  
(GROUT FULL)



# HEAD DETAIL

SCALE : 3" = 1'-0"

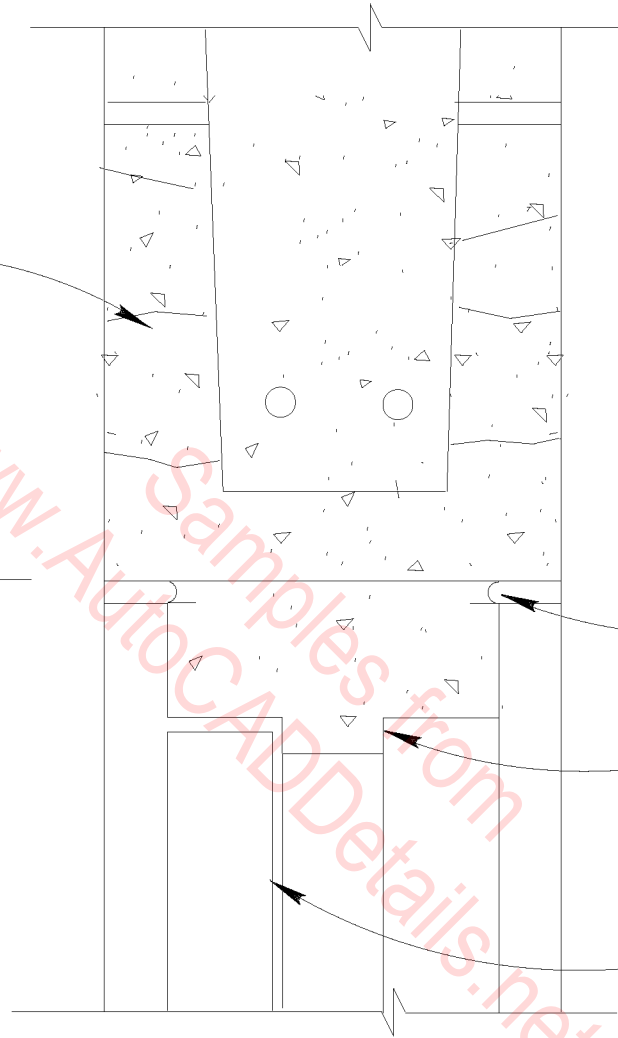




HEAD DETAIL (JAMB) SIM.  $\frac{X}{X|X}$   
 SCALE : 3"=1'-0"

8" CMU LINTEL  
(SEE STRUCT.  
FOR DEPTH AND  
REINFORCING)

BOT. OF LINTEL  
ELEV. = x' = x"



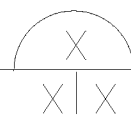
SEALANT  
BOTH SIDES

P.S. FRAME  
GROUT FULL  
CENTER IN WALL

H.M. DOOR

HEAD SECTION

SCALE : 3" = 1'-0"



BITUMINOUS  
DAMPPROOFING

RIGID INSUL.

FACE BRICK

1/2" SHEATHING

3 5/8" MTL. STUDS  
@ 24" O.C.

3 ANCHORS  
PER JAMB

SEALANT  
BOTH SIDES

2"  
5/8"

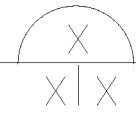
DOOR FRAME AS  
SCHEDULED

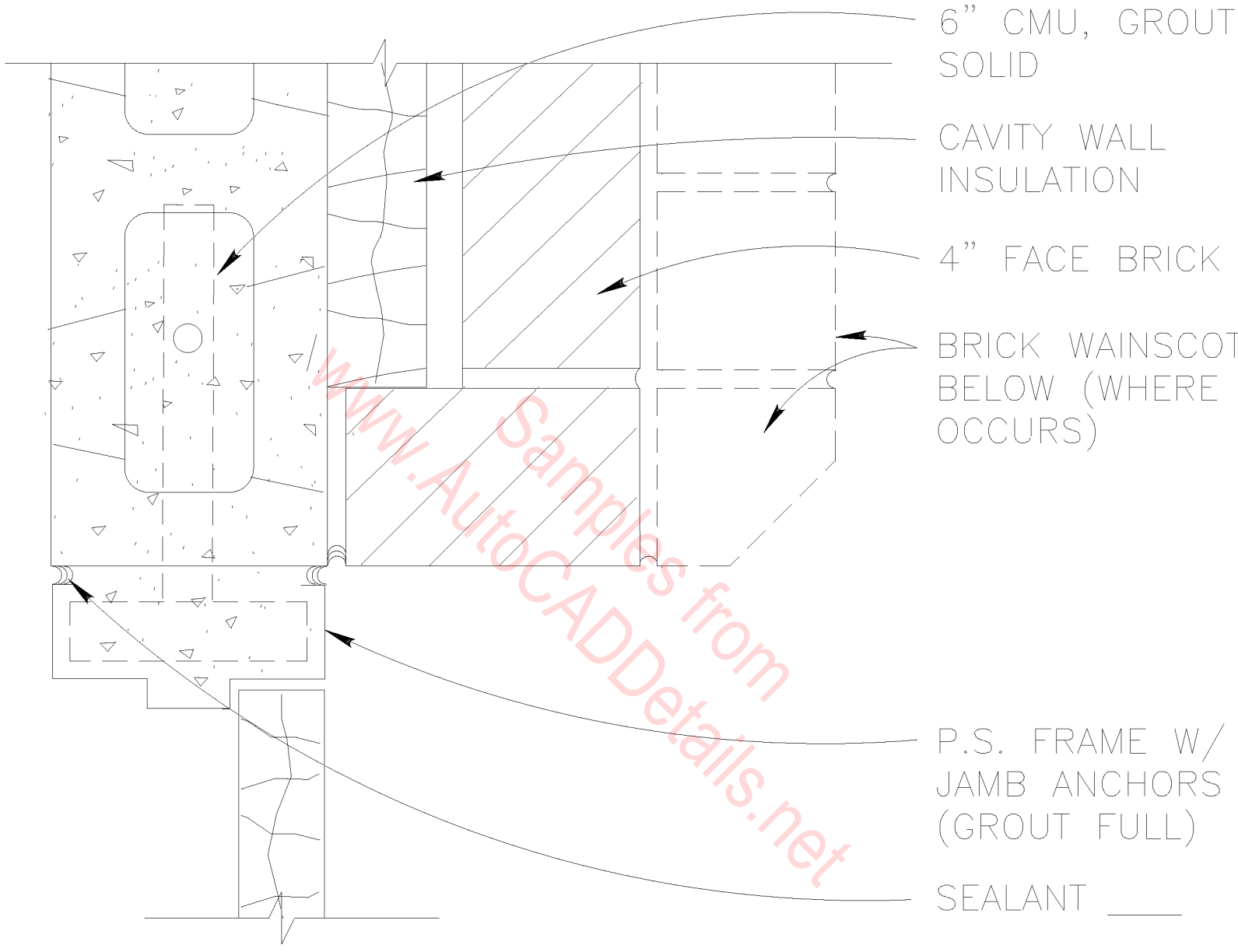
DOOR AS  
SCHEDULED

5 3/4"

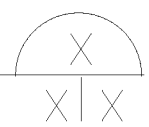
JAMB

SCALE : 3" = 1'-0"

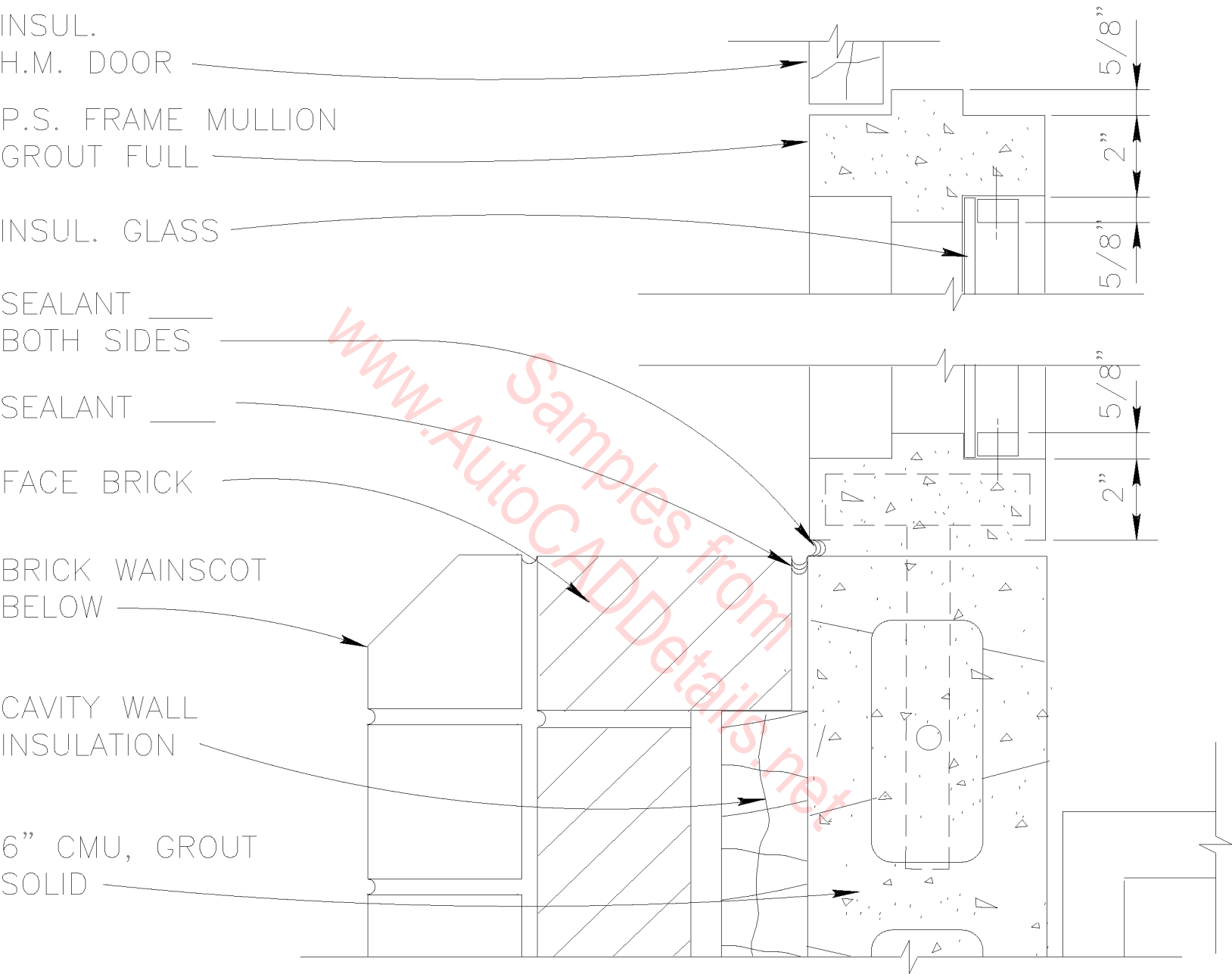




JAMB DETAIL  
 SCALE : 3" = 1'-0"

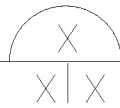


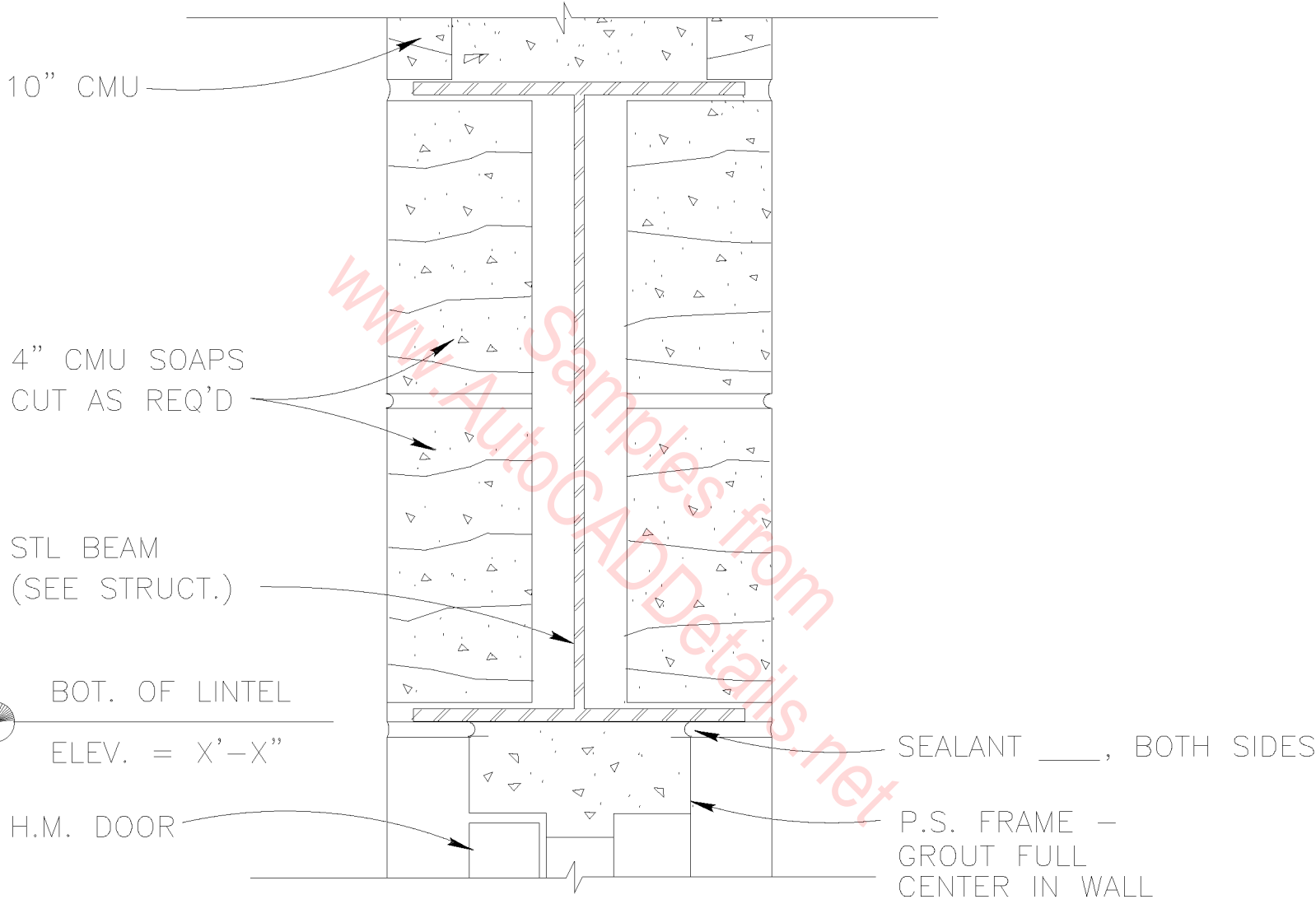




JAMB DETAIL

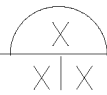
SCALE : 3" = 1'-0"





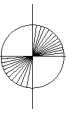
HEAD DETAIL

SCALE : 3" = 1'-0"



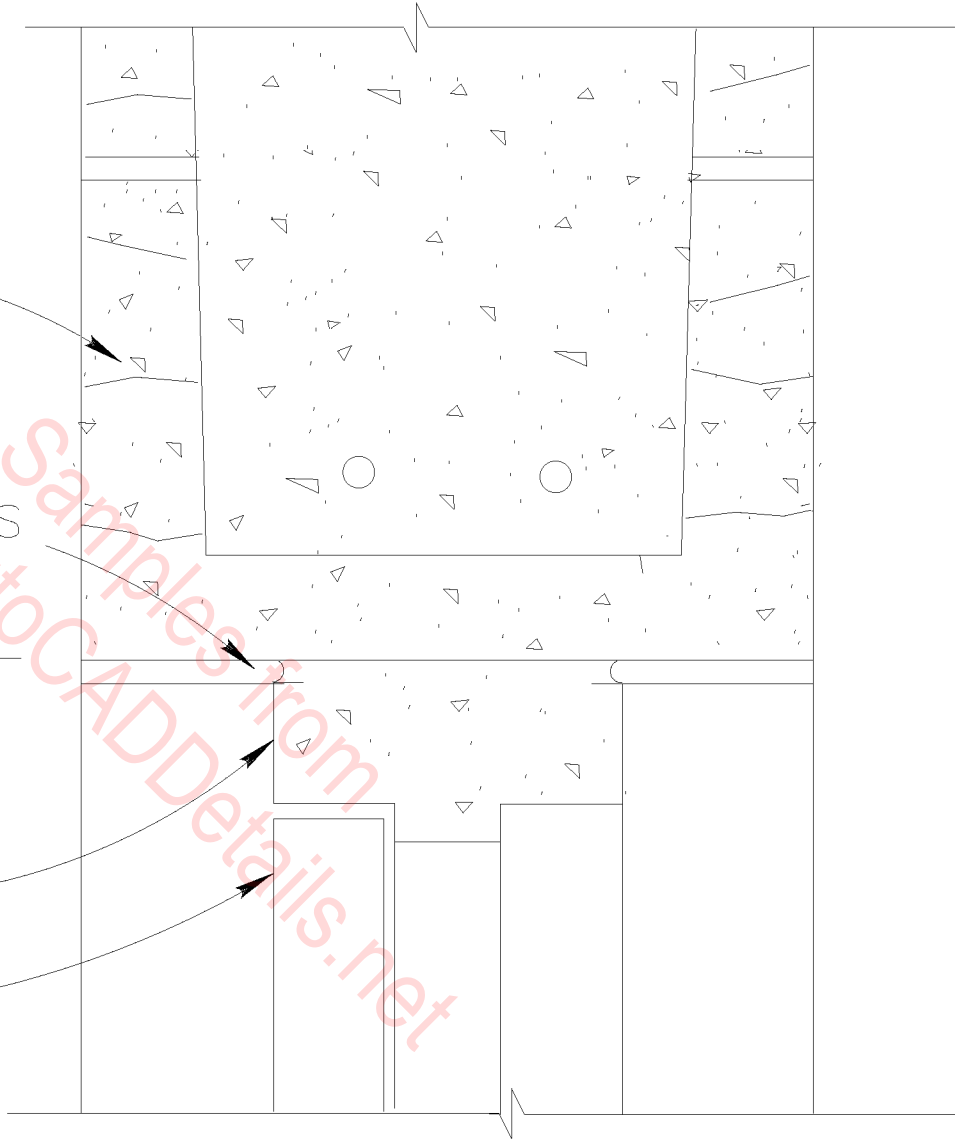
12" CMU LINTEL  
(SEE STRUCT.)

SEALANT \_\_\_\_\_, BOTH SIDES

 BOT. OF LINTEL  
ELEV.= X'-X"

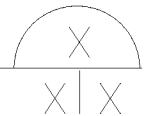
P.S. FRAME —  
GROUT FULL  
CENTER IN WALL

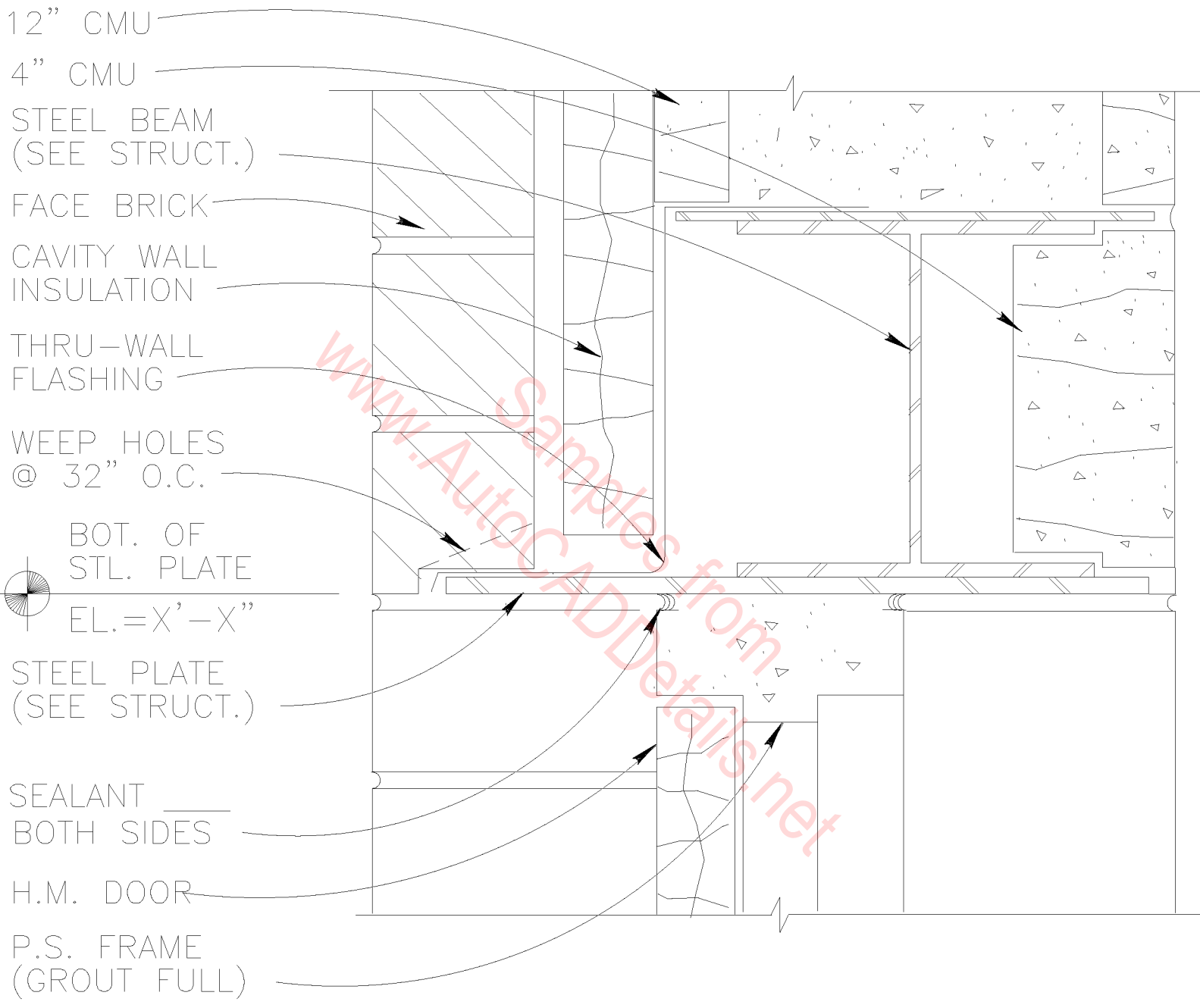
H.M. DOOR



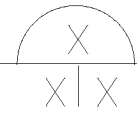
HEAD DETAIL

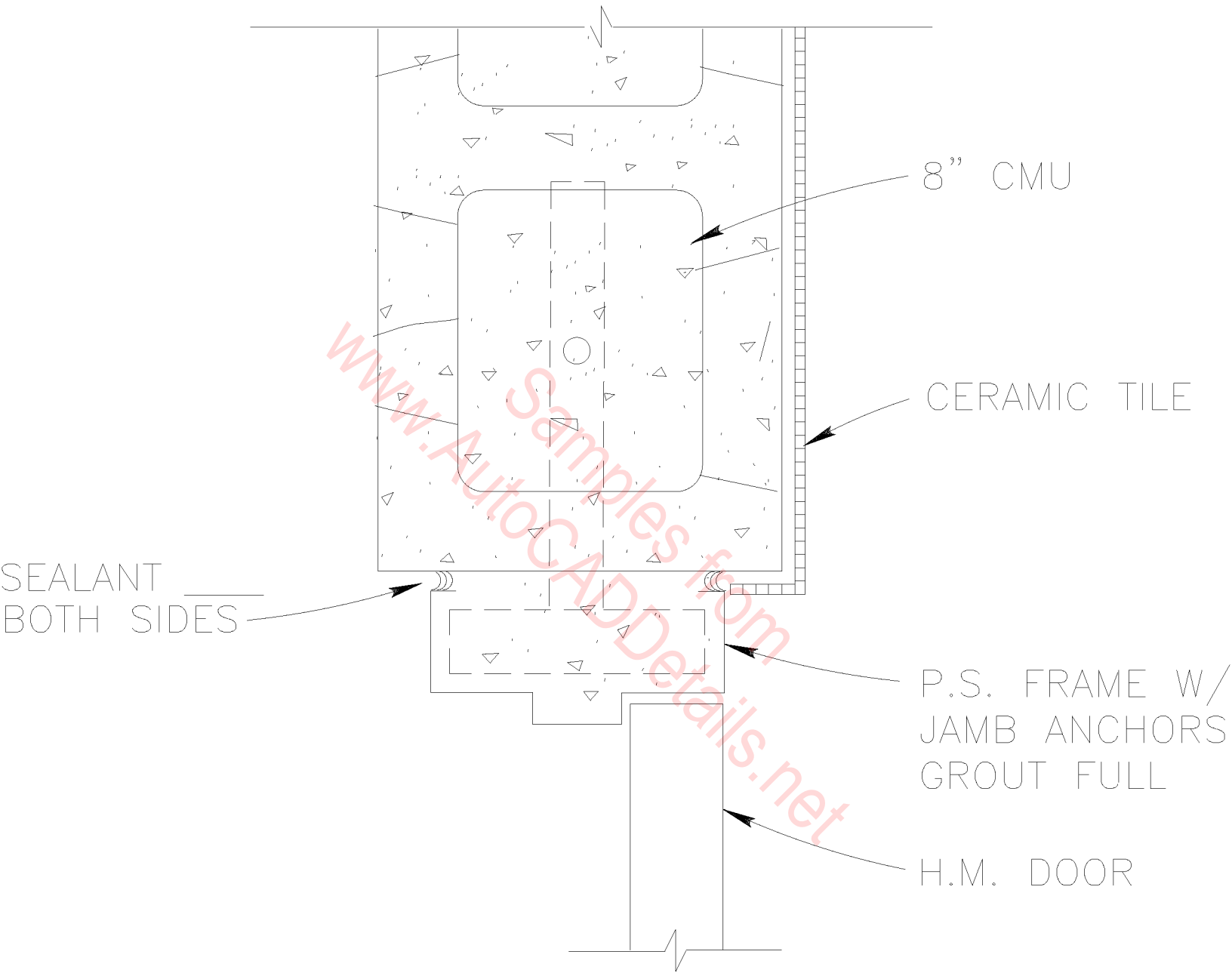
SCALE : 3"=1'-0"





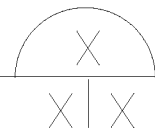
HEAD DETAIL  
 SCALE : 3" = 1'-0"





# JAMB DETAIL

SCALE : 3" = 1'-0"



8" CMU LINTEL  
(SEE STRUCT.)

CERAMIC TILE

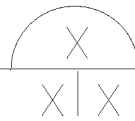
BOT. OF LINTEL  
ELEV. = X'-X"

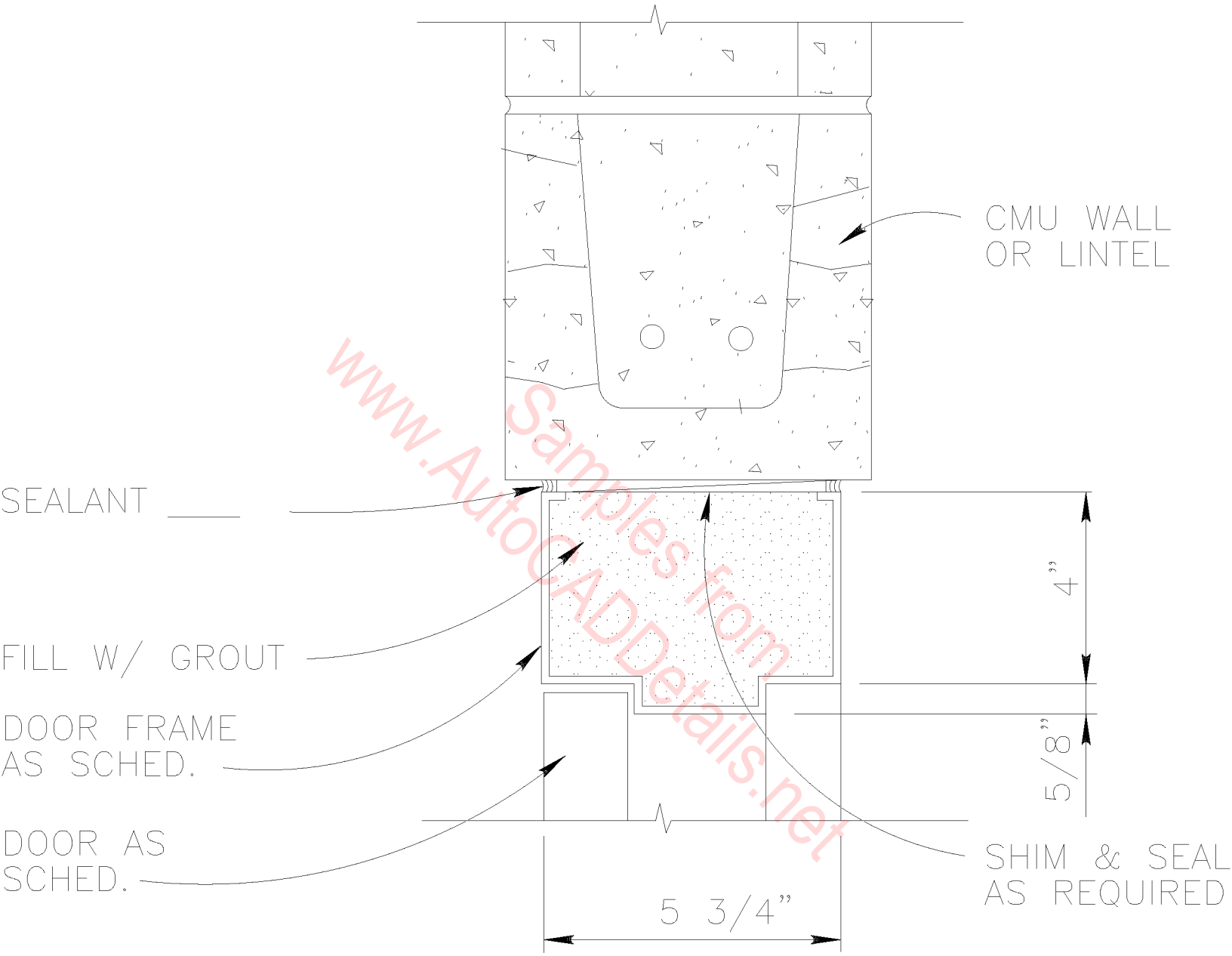
P.S. FRAME -  
GROUT FULL  
CENTER IN WALL

H.M. DOOR

HEAD DETAIL

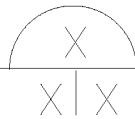
SCALE : 3" = 1'-0"

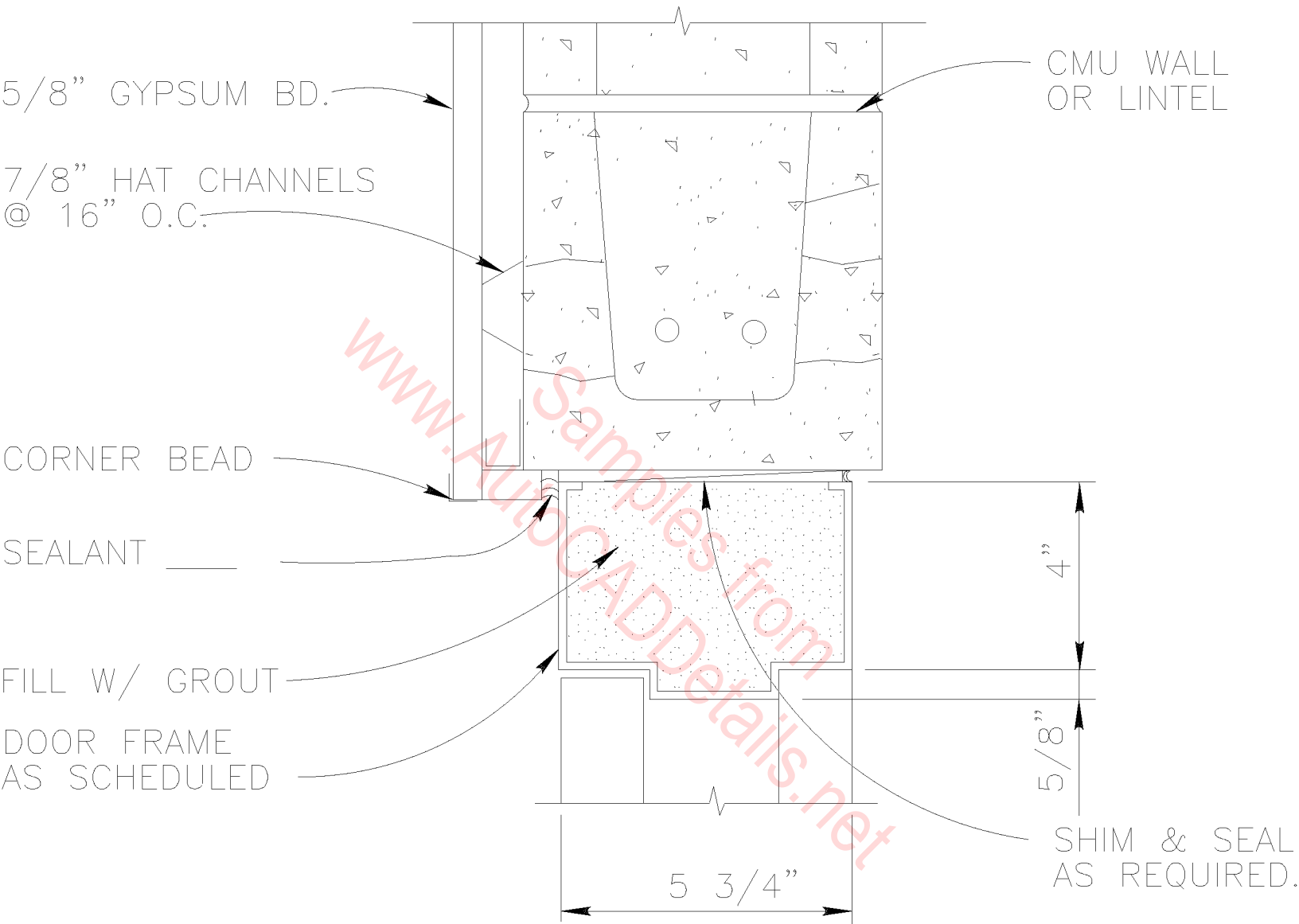




HEAD

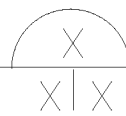
SCALE : 3" = 1'-0"



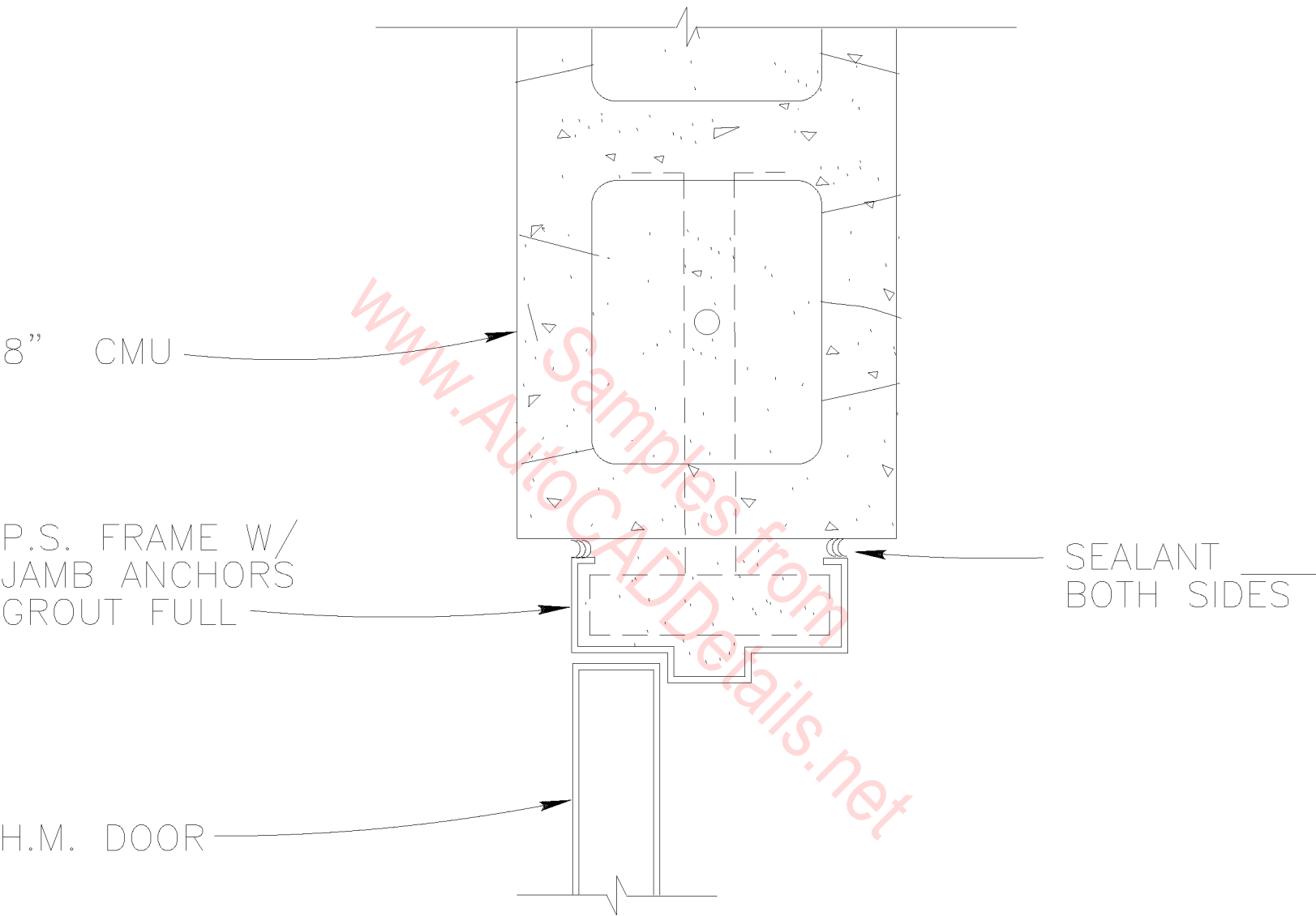


HEAD

SCALE : 3" = 1'-0"

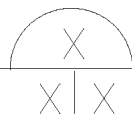


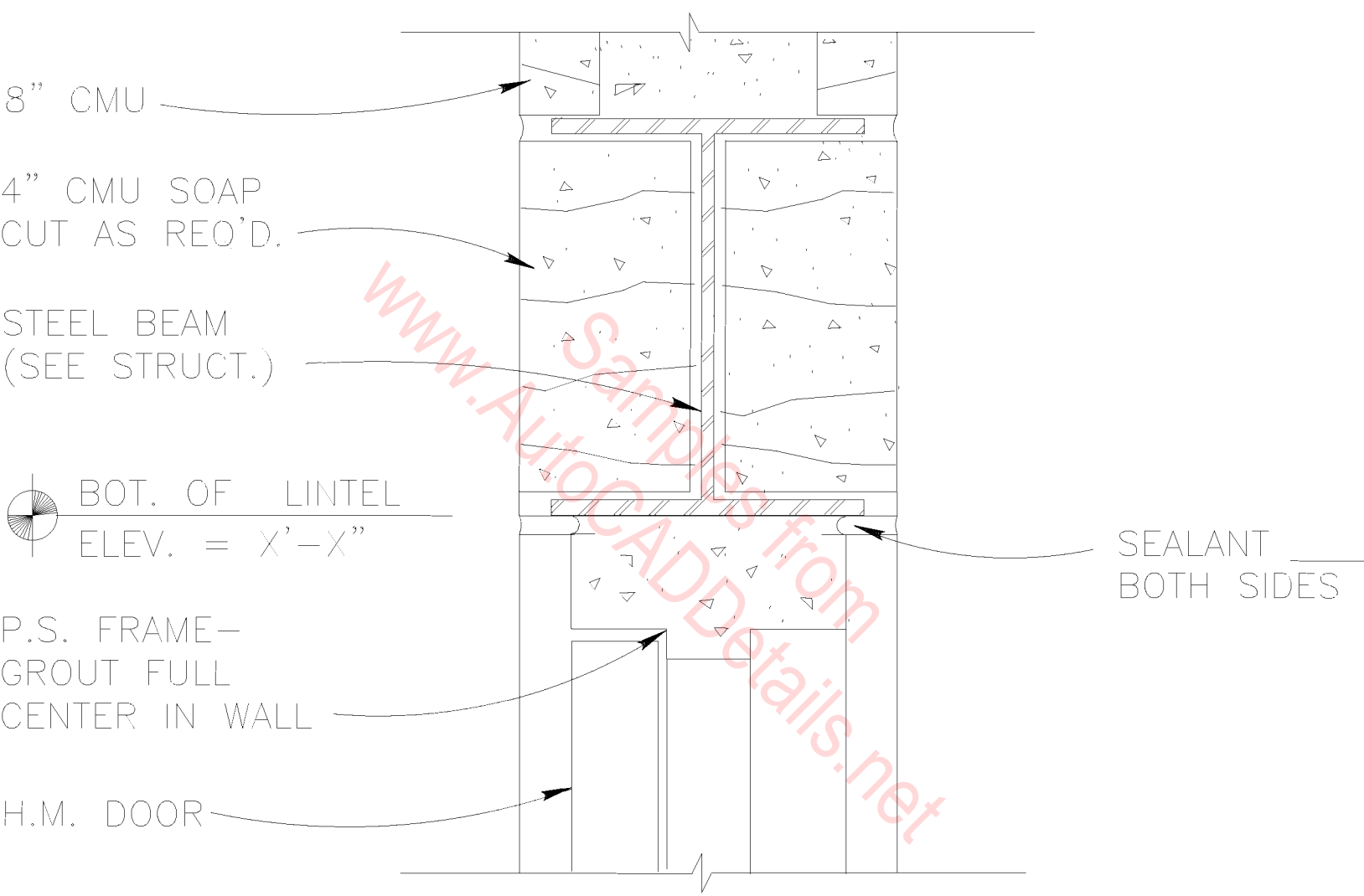




JAMB

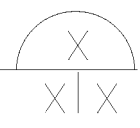
SCALE : 3"=1'-0"

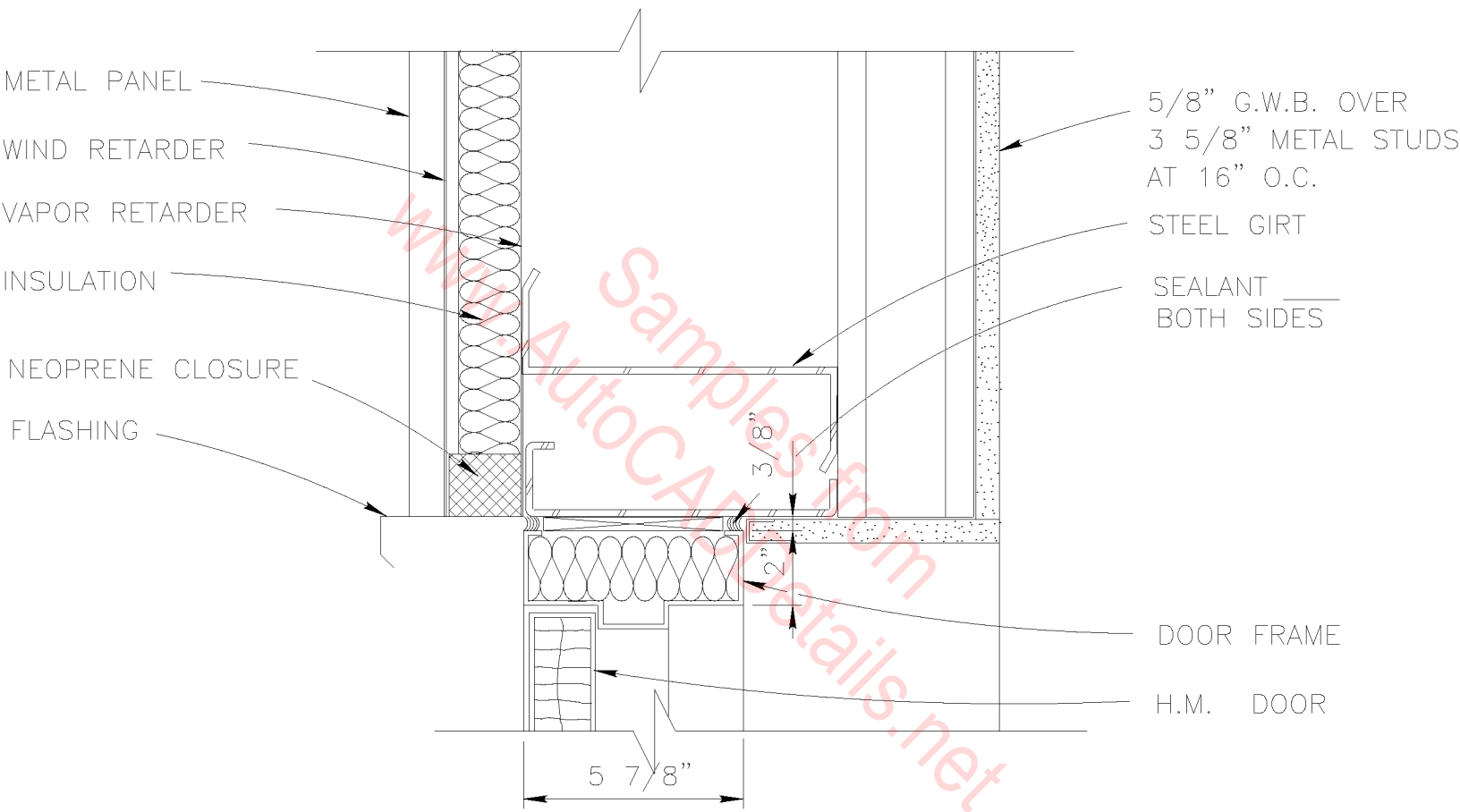




HEAD DETAIL

SCALE : 3" = 1'-0"





HEAD DETAIL  
 SCALE : 3" = 1'-0"  
 X  
 X | X

1/2" SHEATHING

EXT. INSULATION & FIN. SYSTEM

DOUBLE STUDS

DRIP LIP

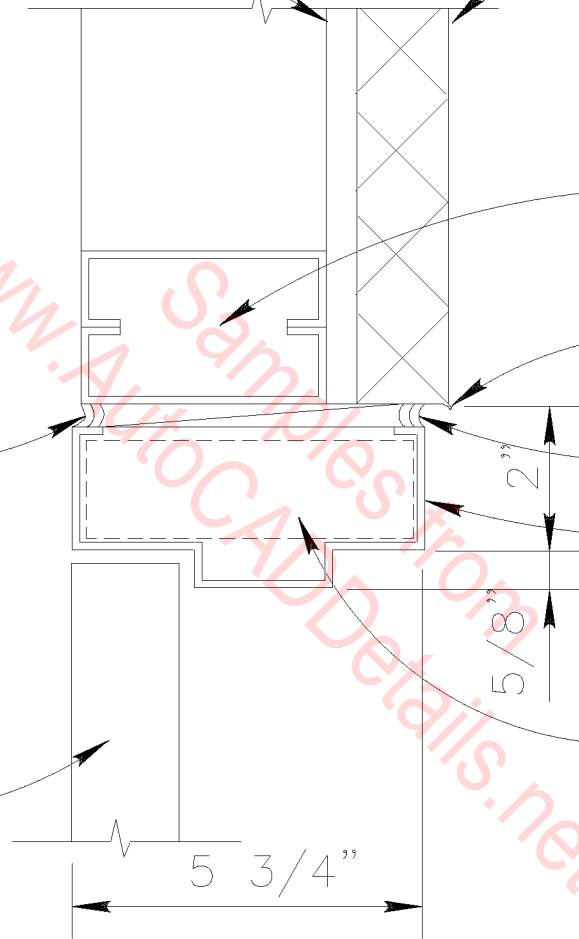
SEALANT

SEALANT

METAL FRAME

SCHED. DOOR

JAMB ANCHOR  
3 PER JAMB



2"

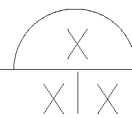
5/8"

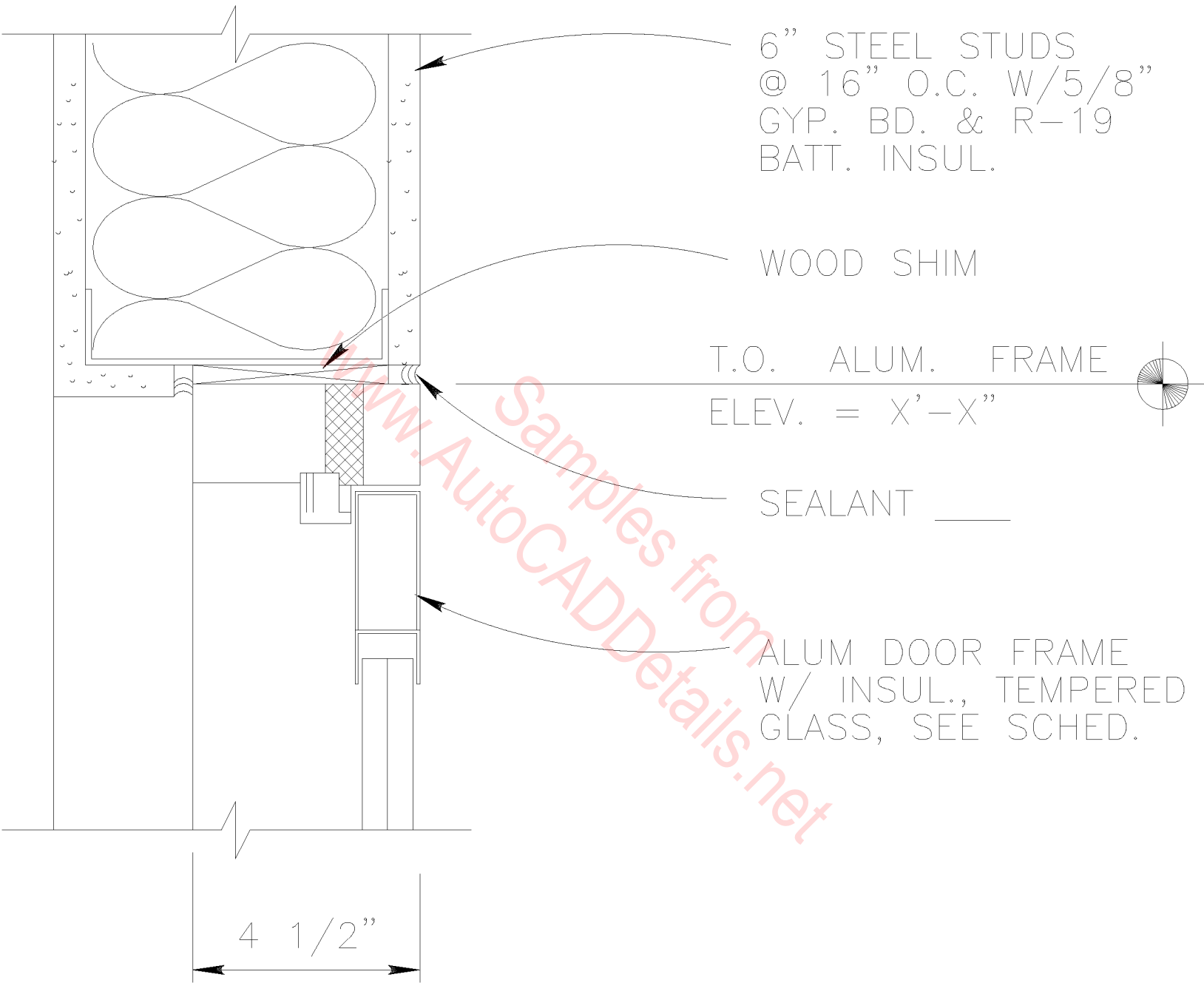
5 3/4"

HEAD/JAMB

SCALE : 3" = 1'-0"

SIM.





6" STEEL STUDS  
 @ 16" O.C. W/5/8"  
 GYP. BD. & R-19  
 BATT. INSUL.

WOOD SHIM

T.O. ALUM. FRAME  
 ELEV. = X'-X"

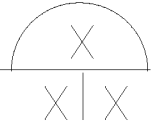
SEALANT

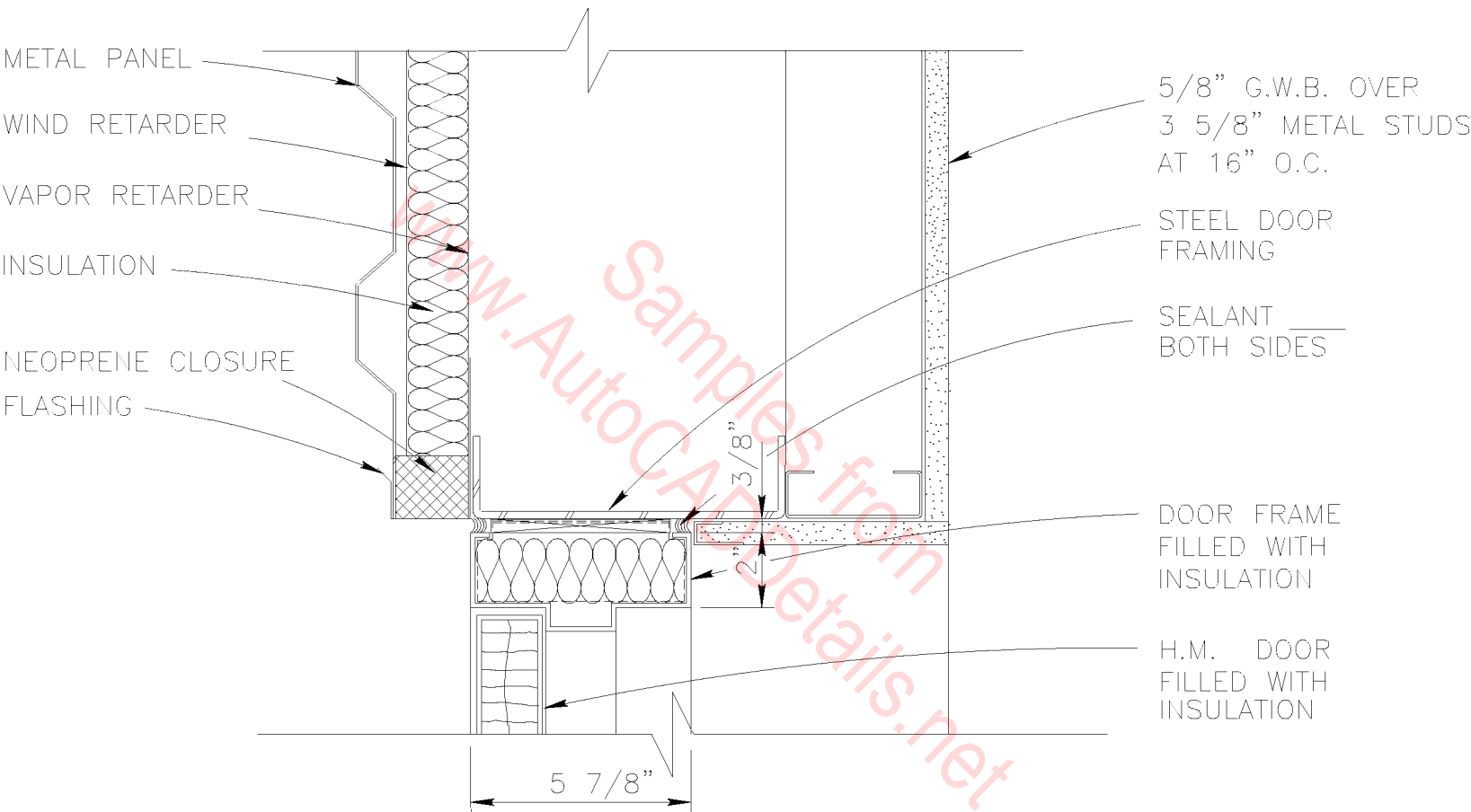
ALUM DOOR FRAME  
 W/ INSUL., TEMPERED  
 GLASS, SEE SCHED.

4 1/2"

HEAD

SCALE : 3" = 1'-0"

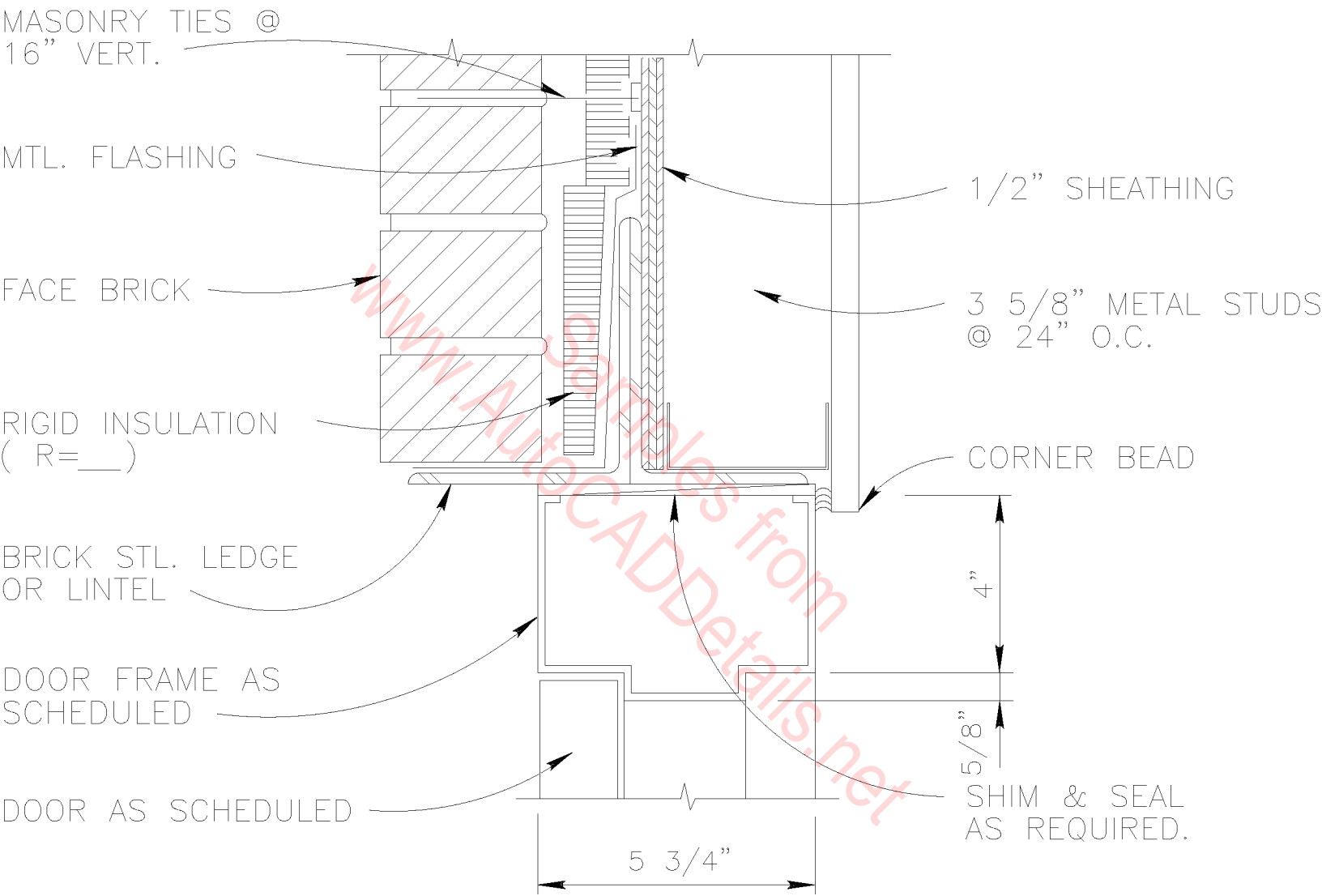




JAMB DETAIL

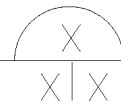
SCALE : 3" = 1'-0"

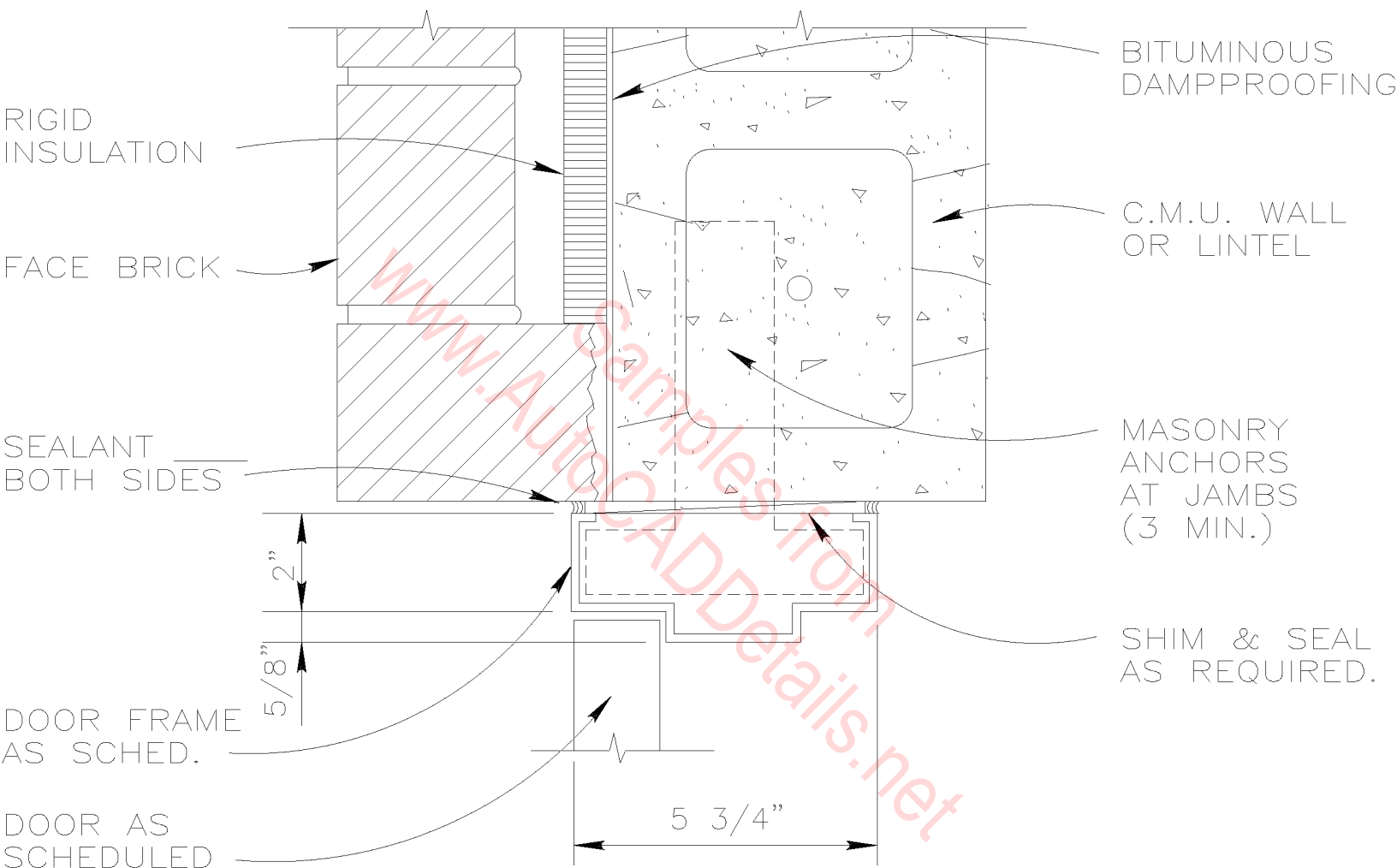




HEAD

SCALE : 3" = 1'-0"





JAMB  
 SCALE : 3" = 1'-0"  
 X  
 X|X



8" CMU  
LINTEL  
(SEE  
STRUCT.)

5/8" GWB  
ON 7/8"  
METAL  
FURRING

B.O. LINTEL  
EL. = X'-X"

WOOD  
BLOCKING

CAVITY WALL  
INSULATION

FACE BRICK

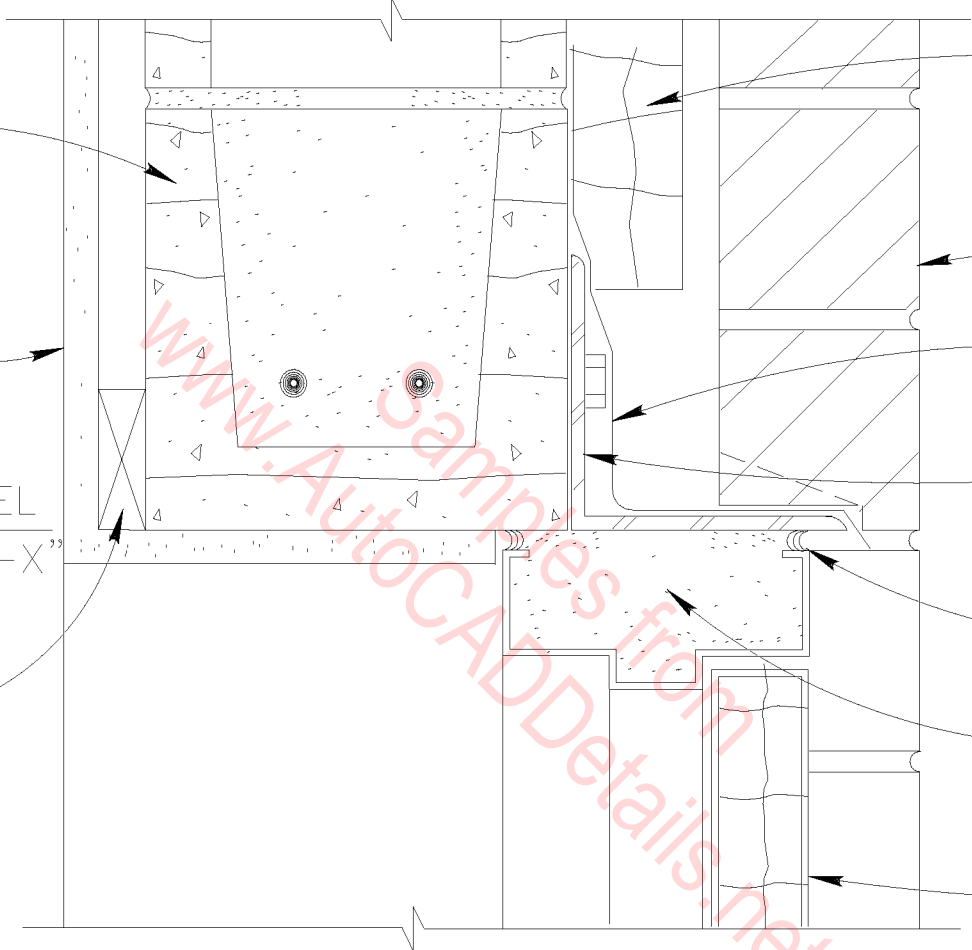
THRU WALL  
FLASHING

STL ANGLE  
(SEE STRUCT.)

SEALANT

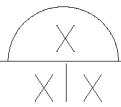
P.S. FRAME  
(GROUT FULL)

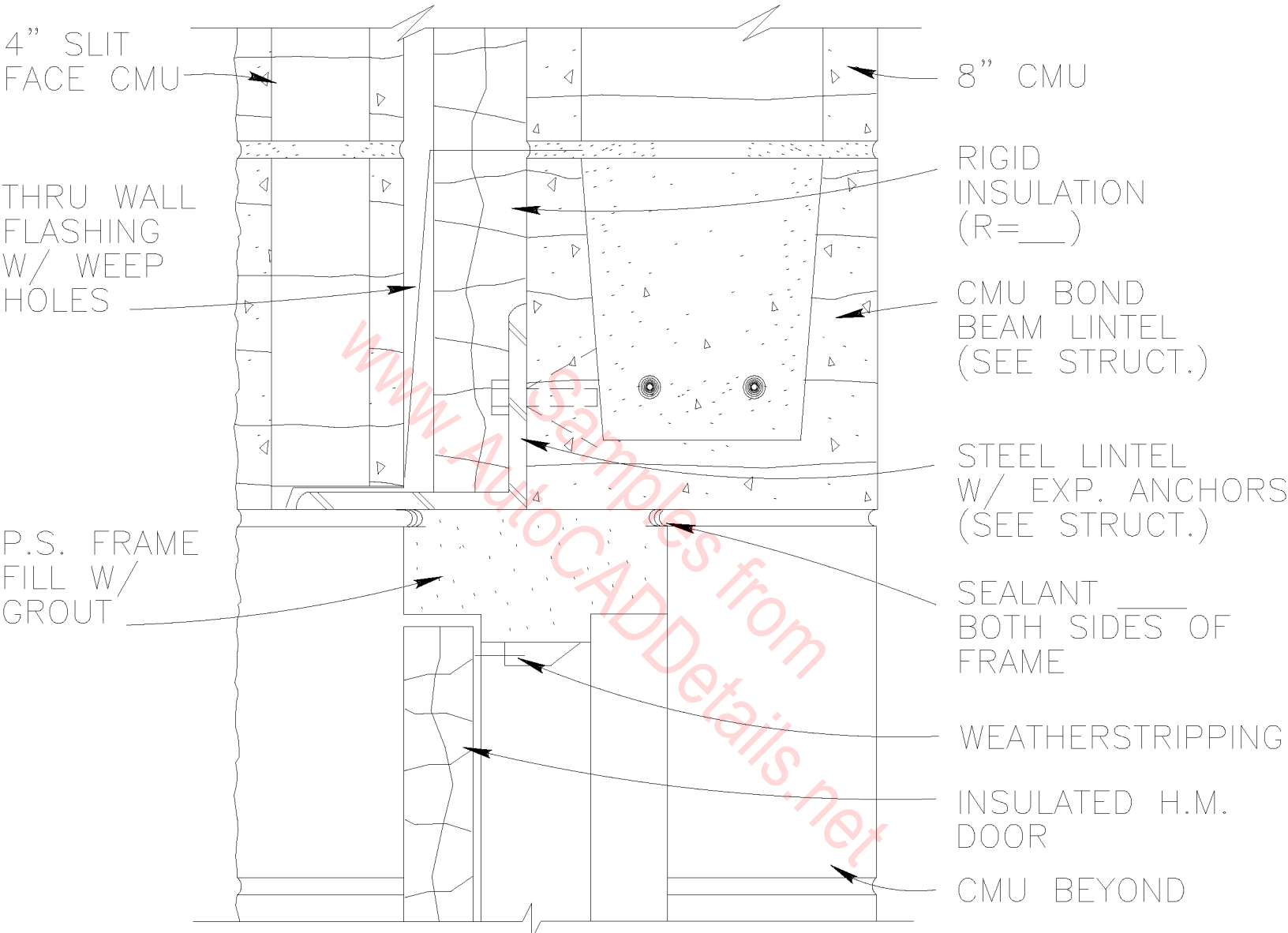
H.M. DOOR



HEAD

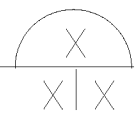
SCALE : 3" = 1'-0"





HEAD DETAIL

SCALE : 3" = 1'-0"



1/2" SHEATHING

SHIM

5/8" GYP. BD.  
ON MTL. STUDS

SEALANT

SCHED. DOOR

EXT. INSULATION  
& FIN. SYSTEM

DOUBLE STUDS

DRIP LIP

SEALANT

METAL FRAME

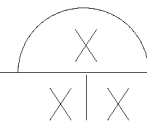
JAMB ANCHOR  
3 PER JAMB MIN.

2"  
5/8"

5 3/4"

HEAD/JAMB

SCALE : 3" = 1'-0"



www.AutocADDetails.net

SEALANT

RAIN DRIP @  
HEAD OR WHERE  
APPLICABLE

1/2" RET.

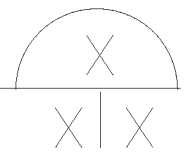
2"  
5/8"

VARIES

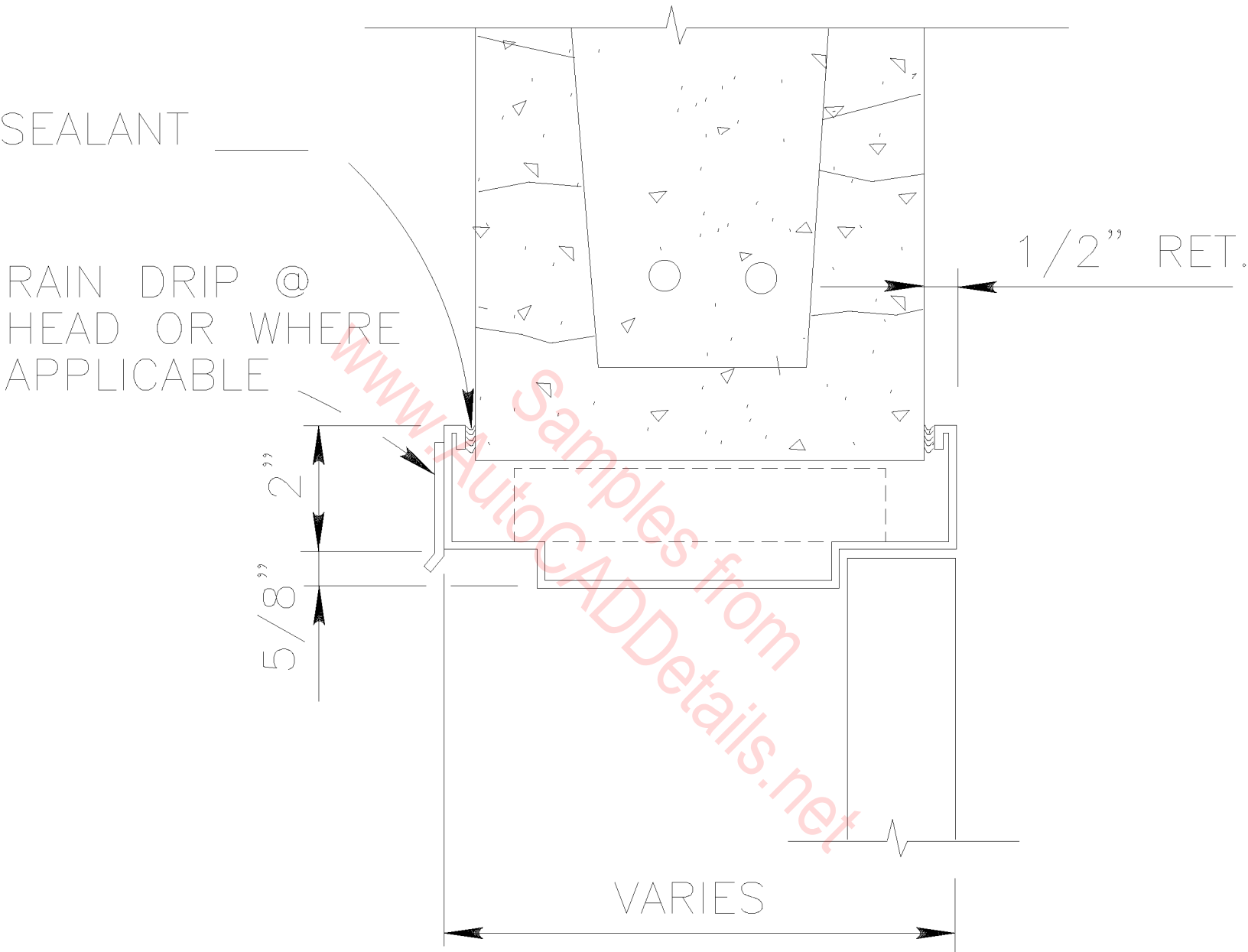
HEAD/JAMB

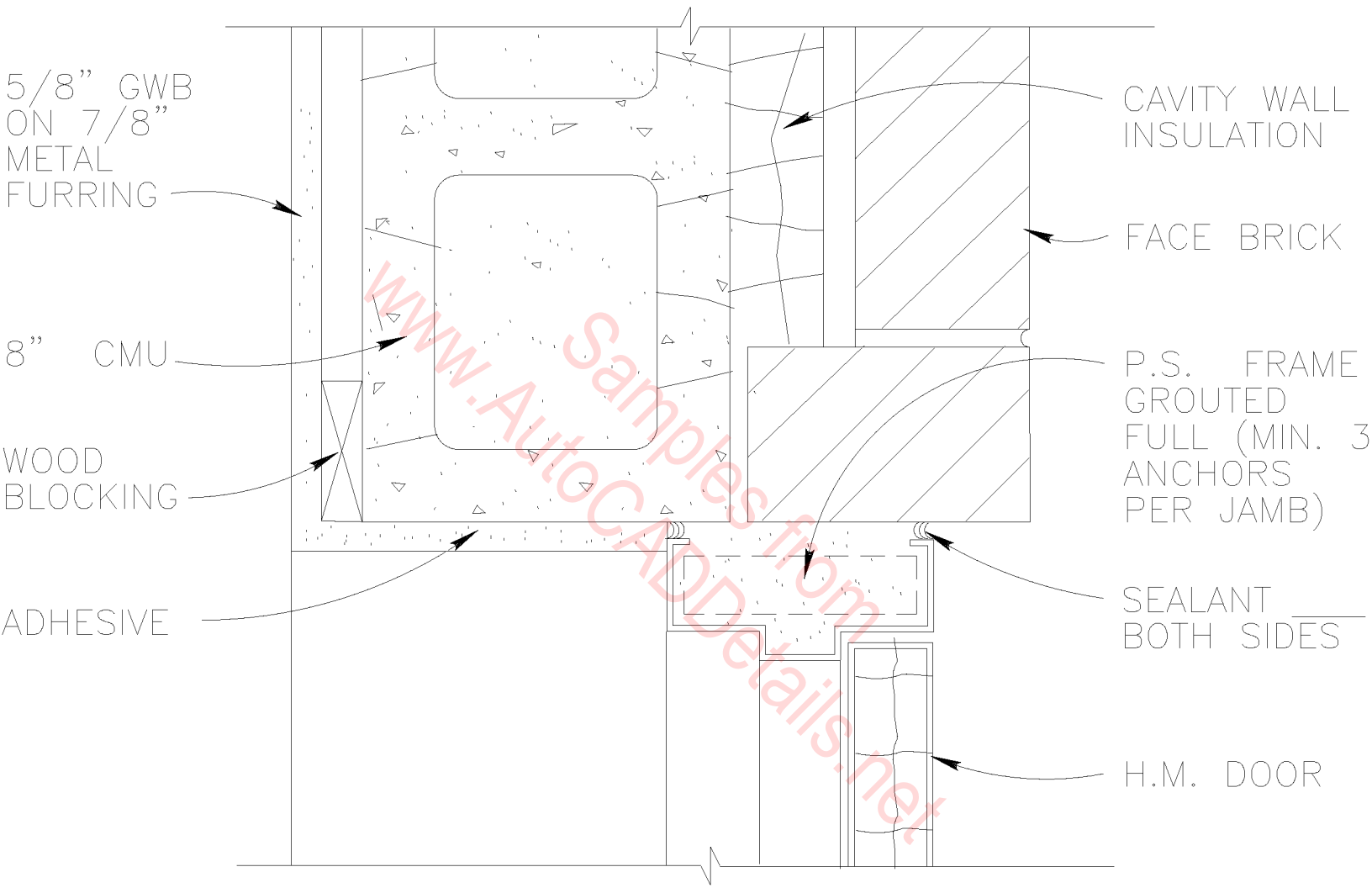
SCALE : 3" = 1'-0"

SIM.



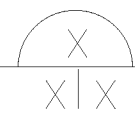
www.AutocADDetails.net  
Samples from  
AutocADDetails.net

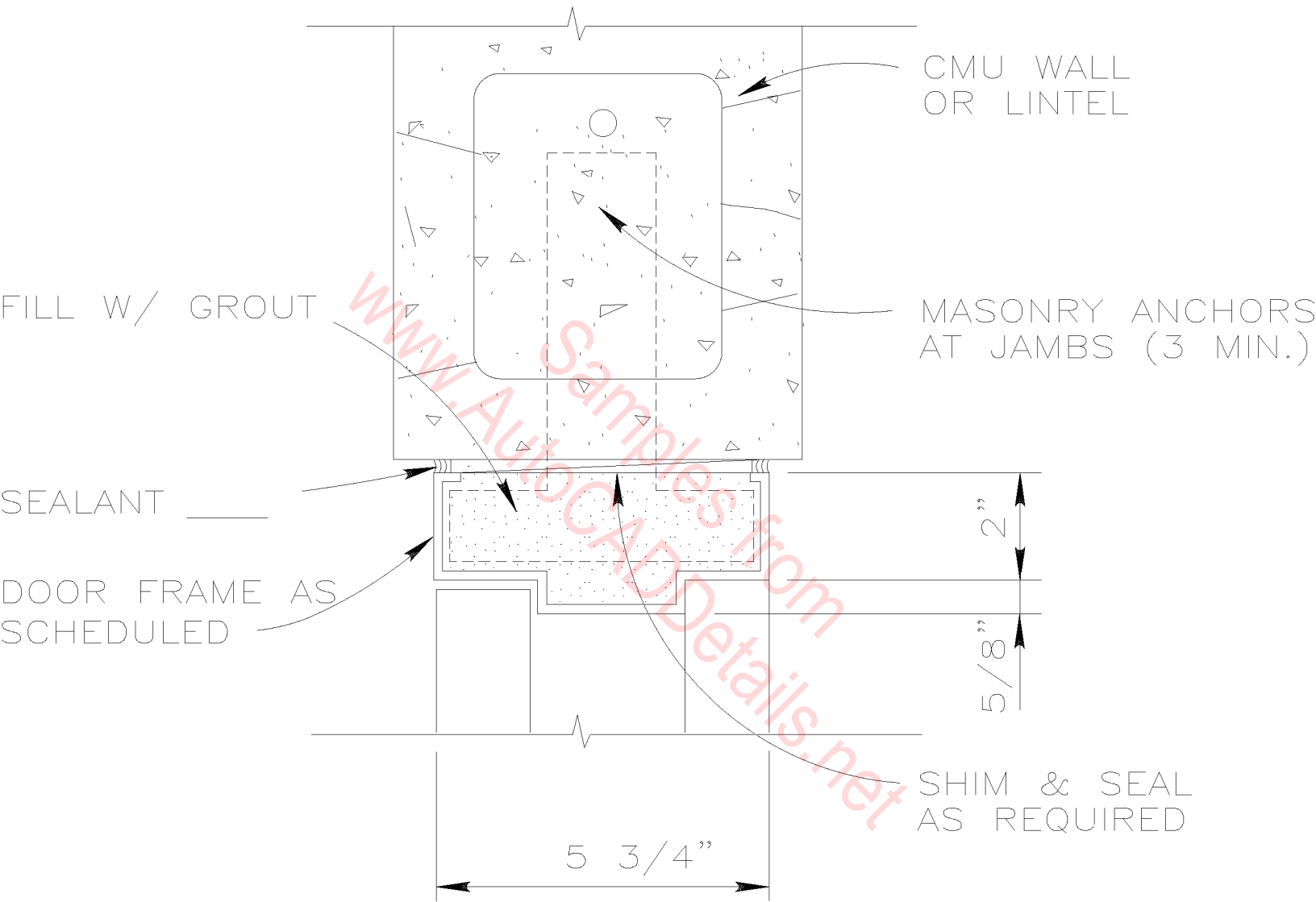




JAMB

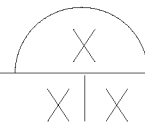
SCALE : 3" = 1'-0"





JAMB

SCALE : 3" = 1'-0"



HOLLOW METAL  
FRAME BEYOND

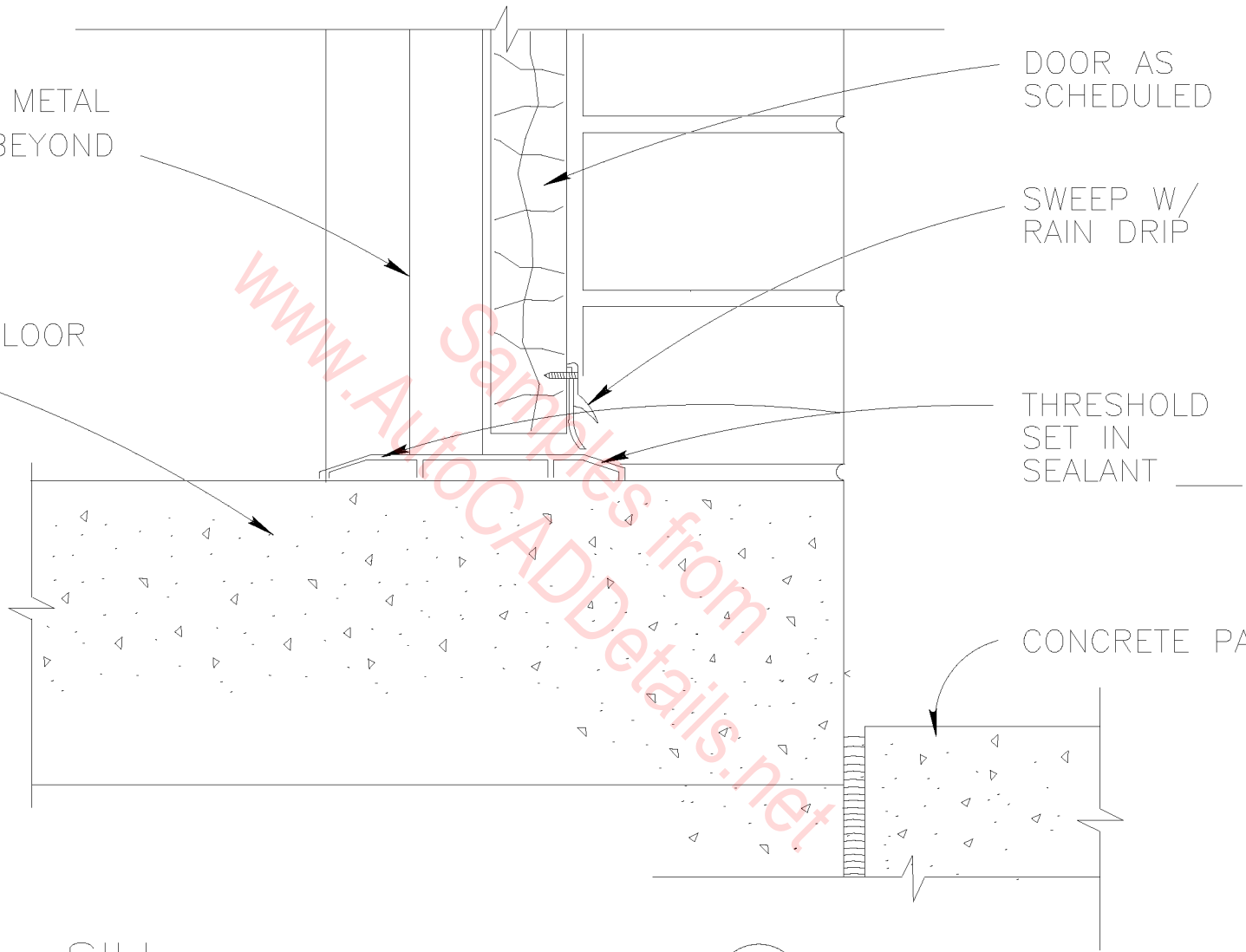
CONC. FLOOR  
SLAB

DOOR AS  
SCHEDULED

SWEEP W/  
RAIN DRIP

THRESHOLD  
SET IN  
SEALANT

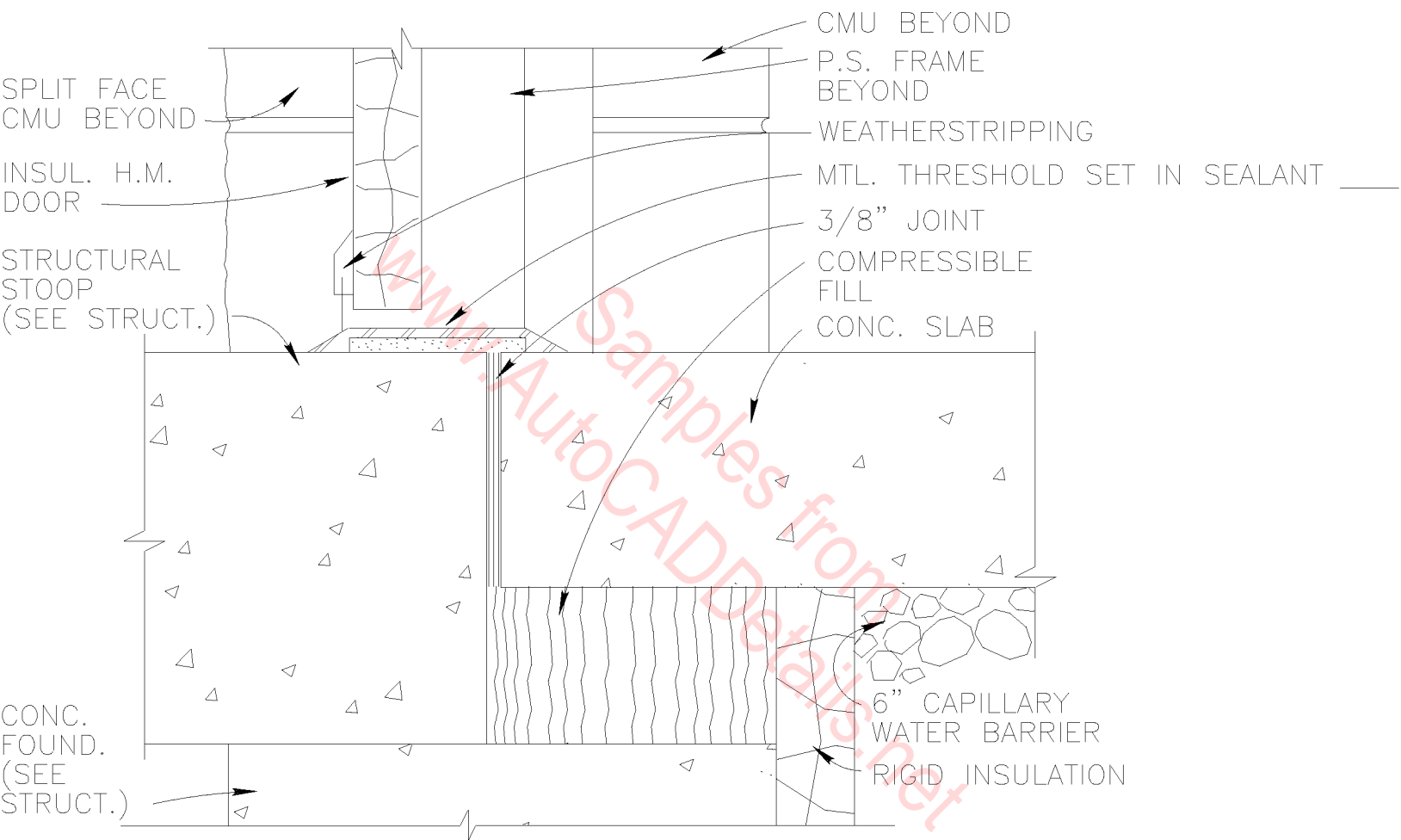
CONCRETE PAD



SILL

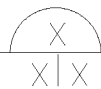
SCALE : 3"=1'-0"

X  
XIX

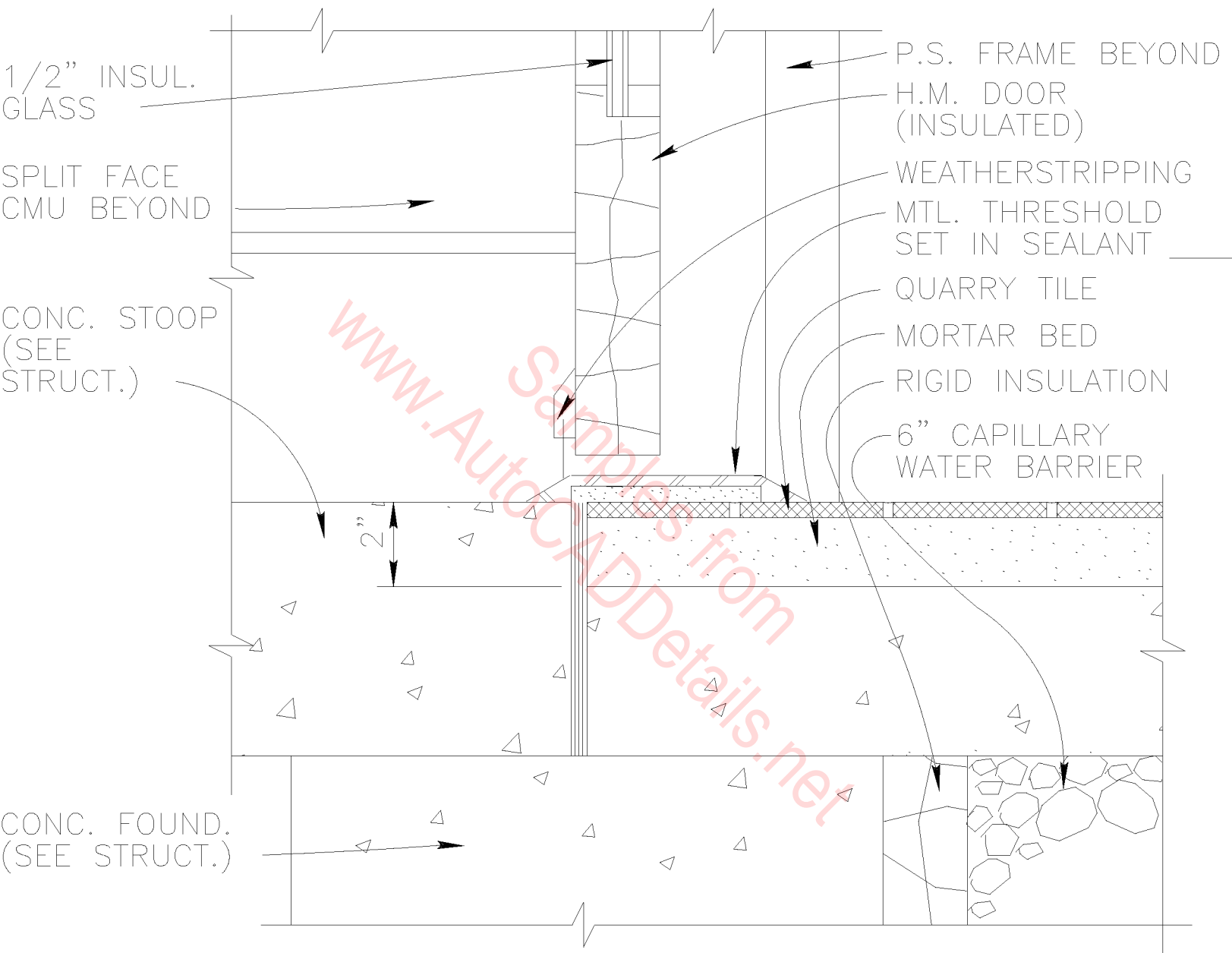


SILL DETAIL

SCALE : 3"=1'-0"

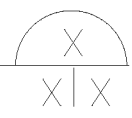


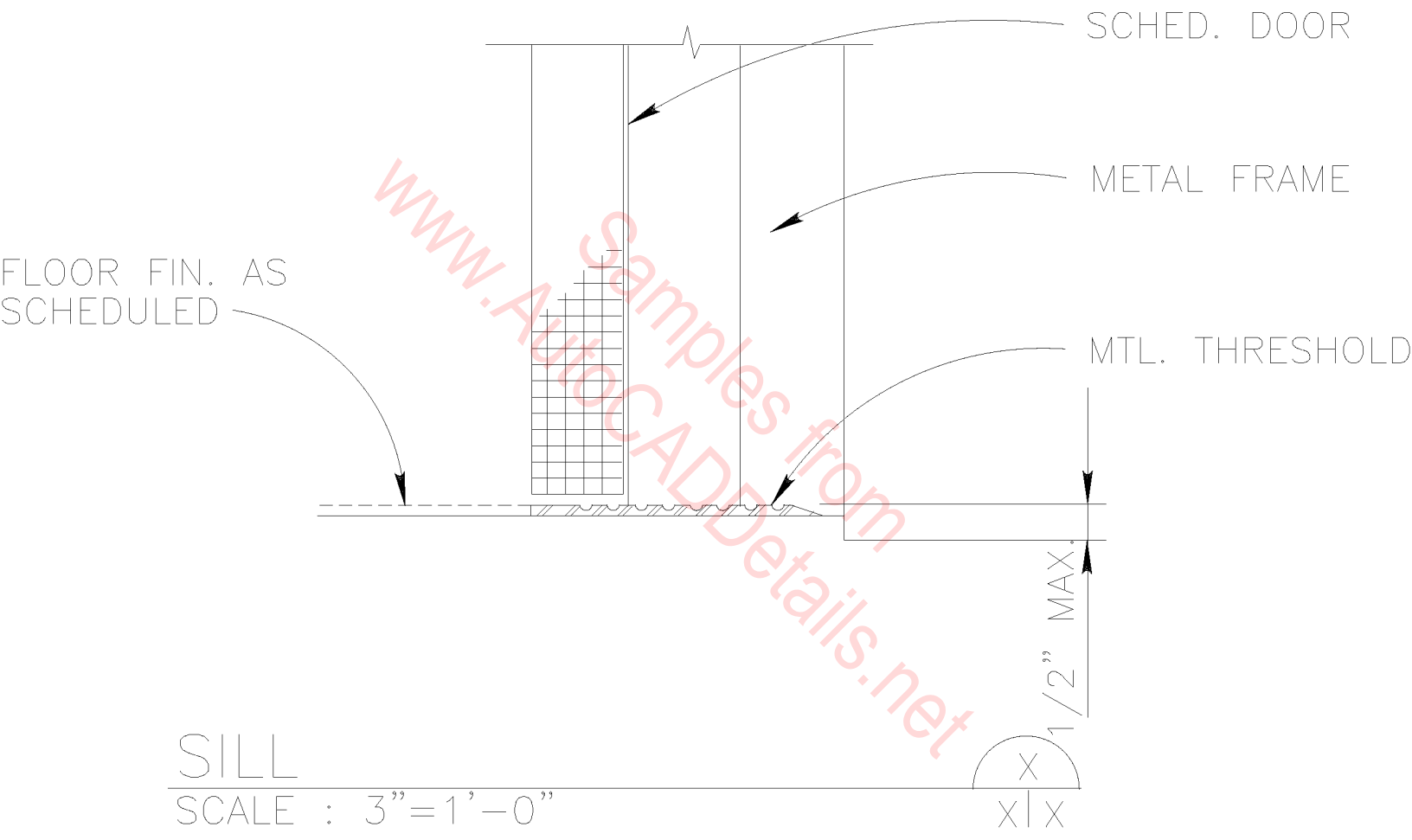


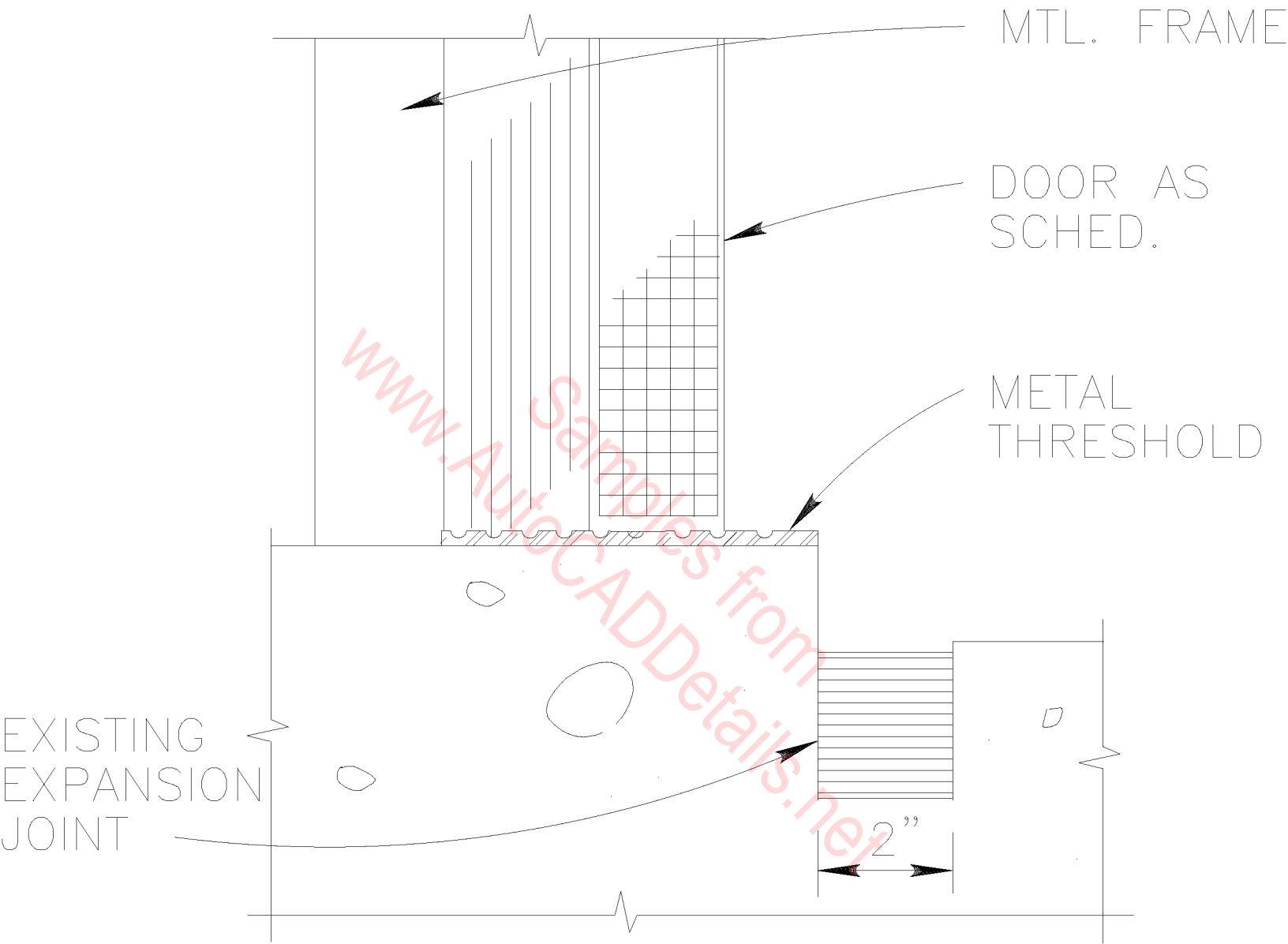


SILL DETAIL

SCALE : 3" = 1'-0"

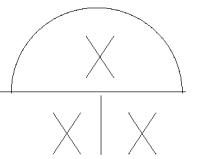


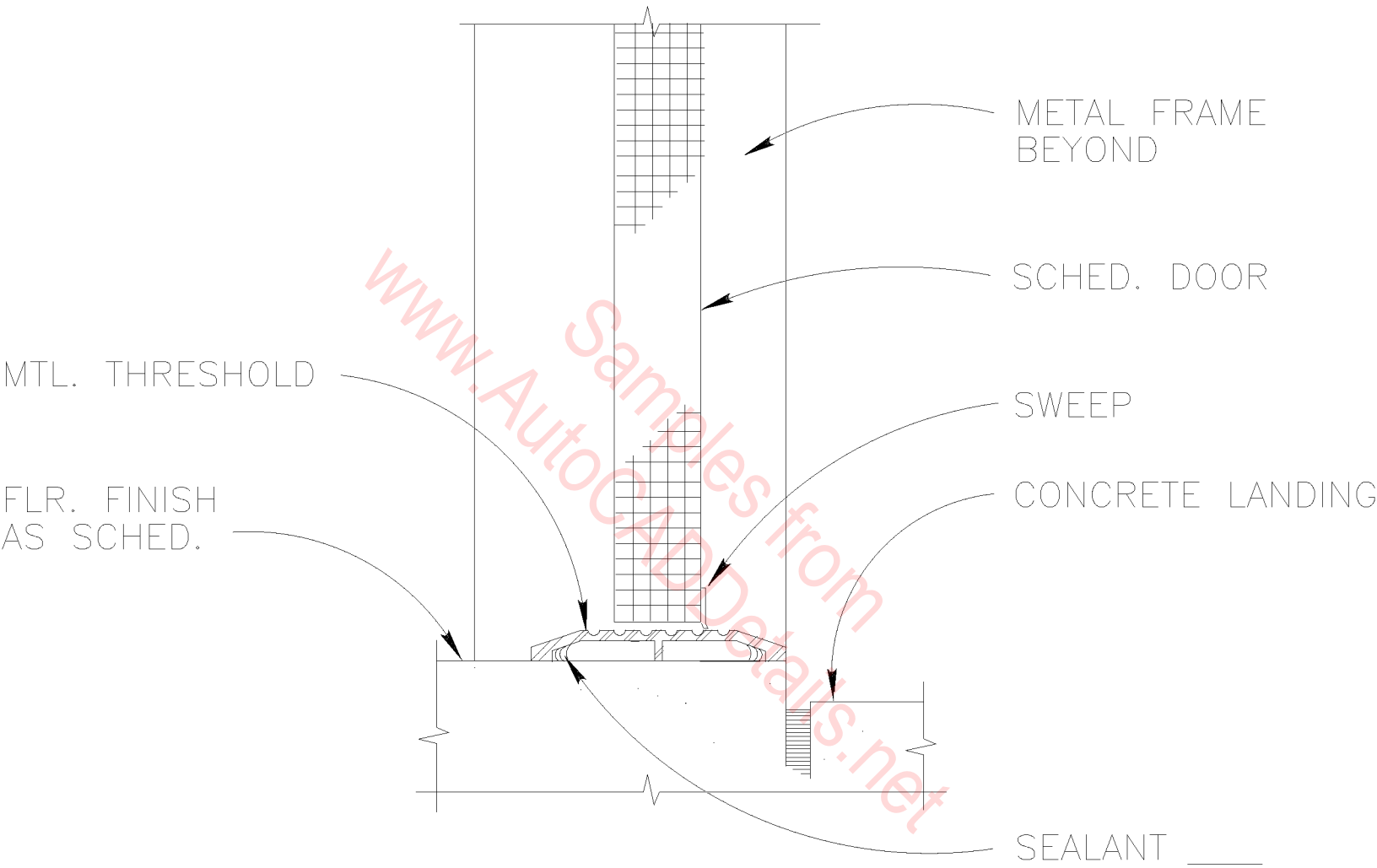




# SILL DETAIL

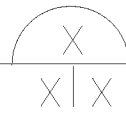
SCALE : 3" = 1'-0"

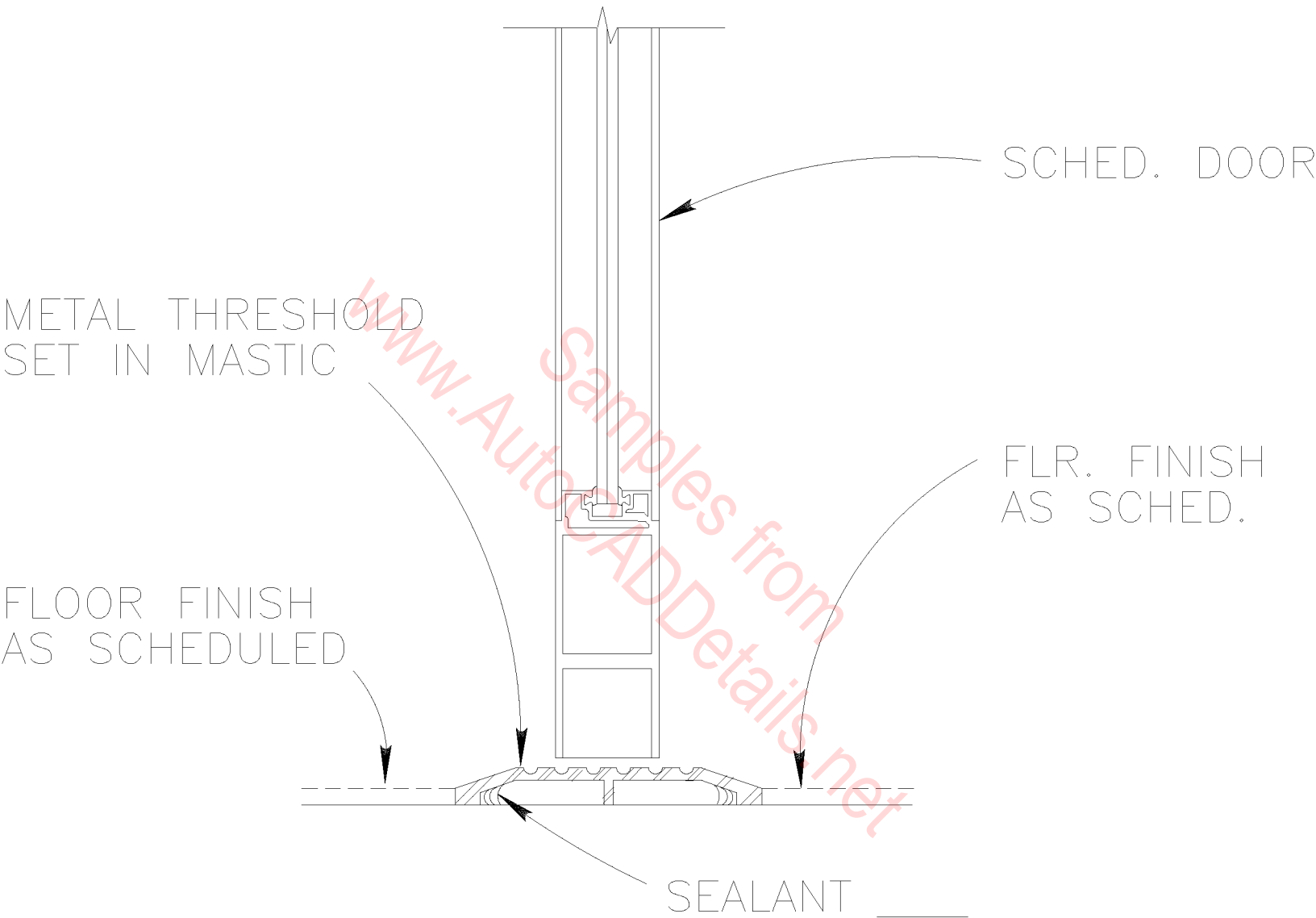




SILL

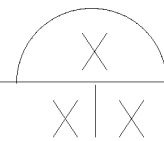
SCALE : 3" = 1'-0"

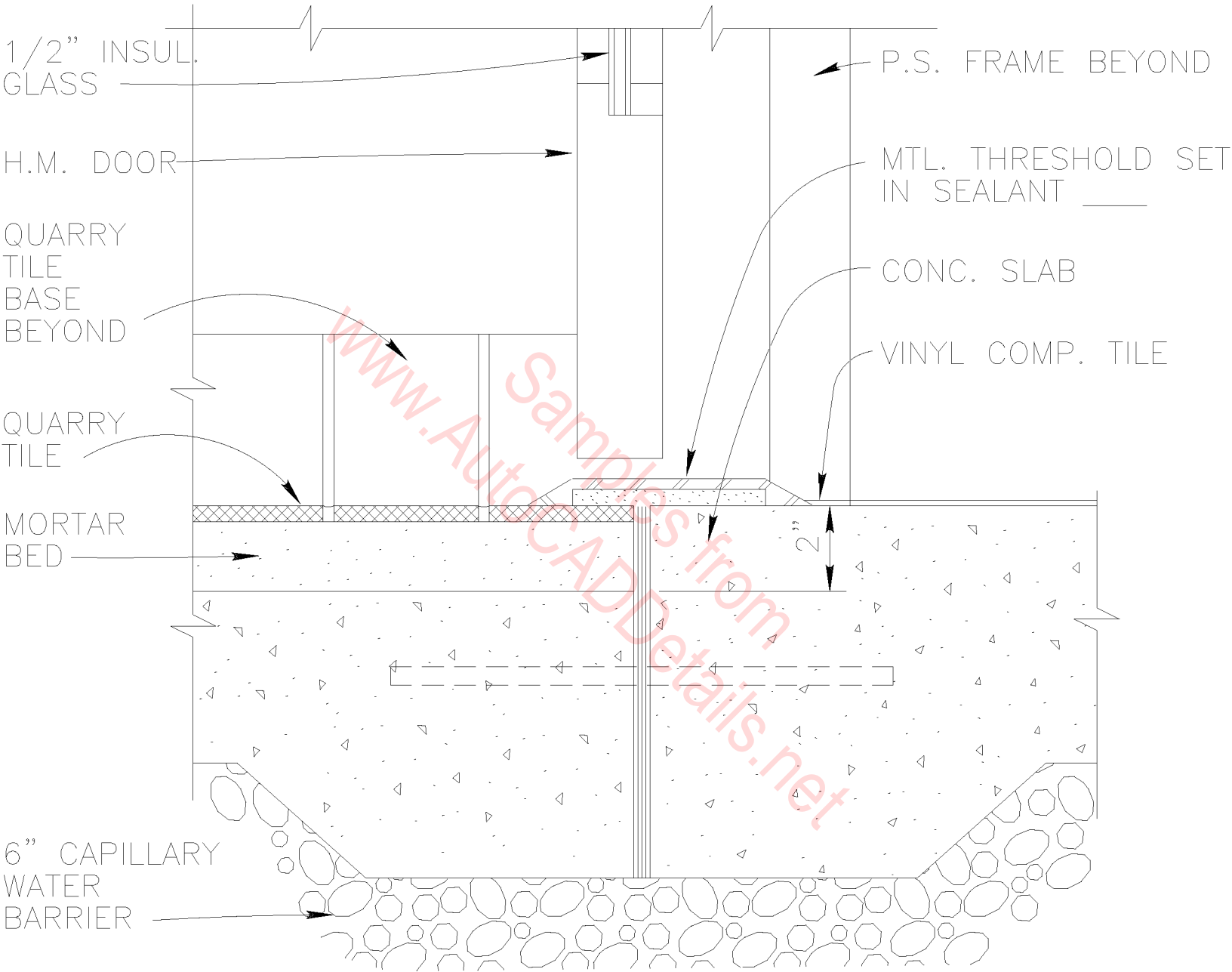




SILL

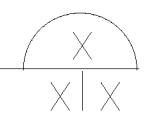
SCALE : 3" = 1'-0"

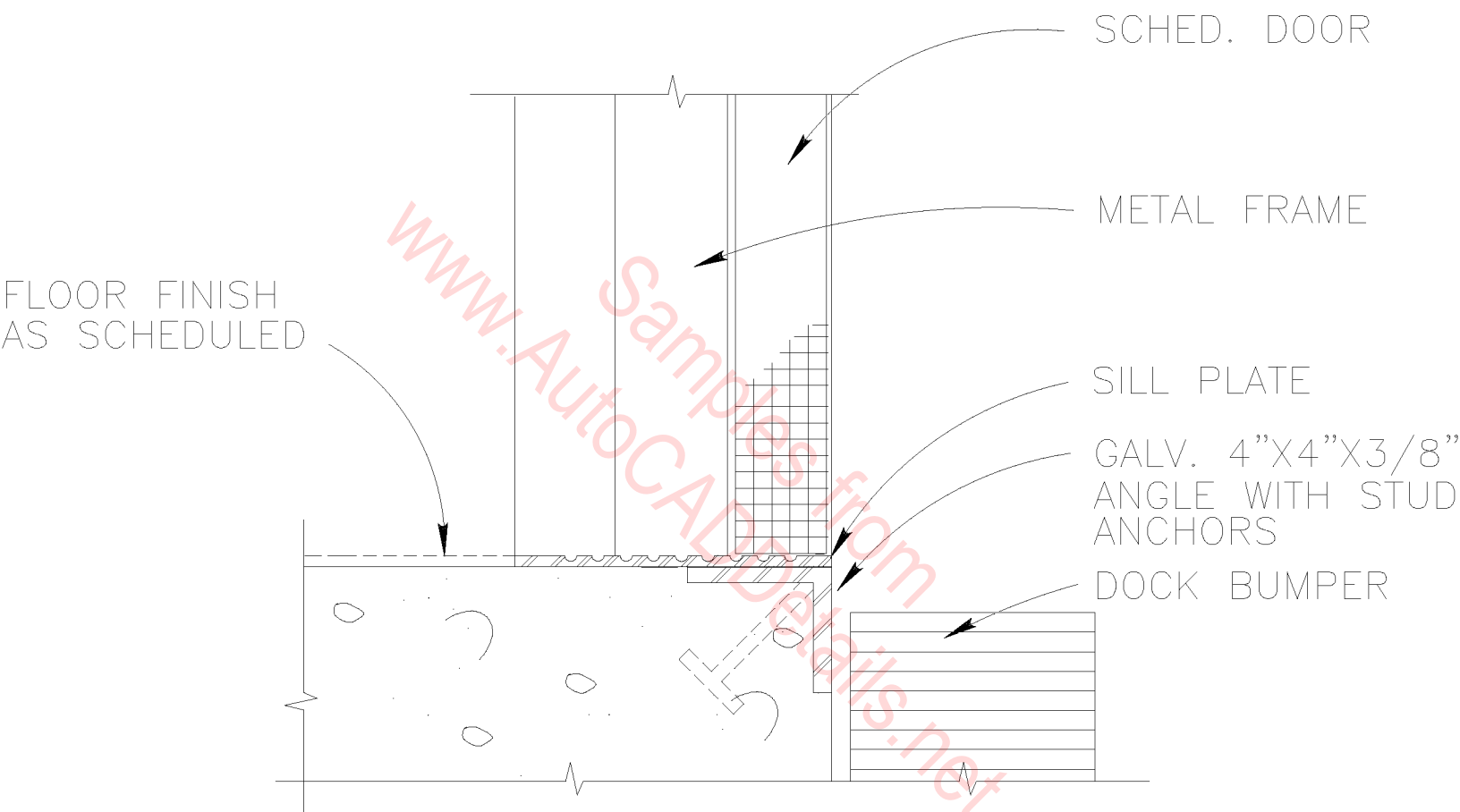




SILL DETAIL

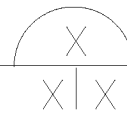
SCALE : 3" = 1'-0"

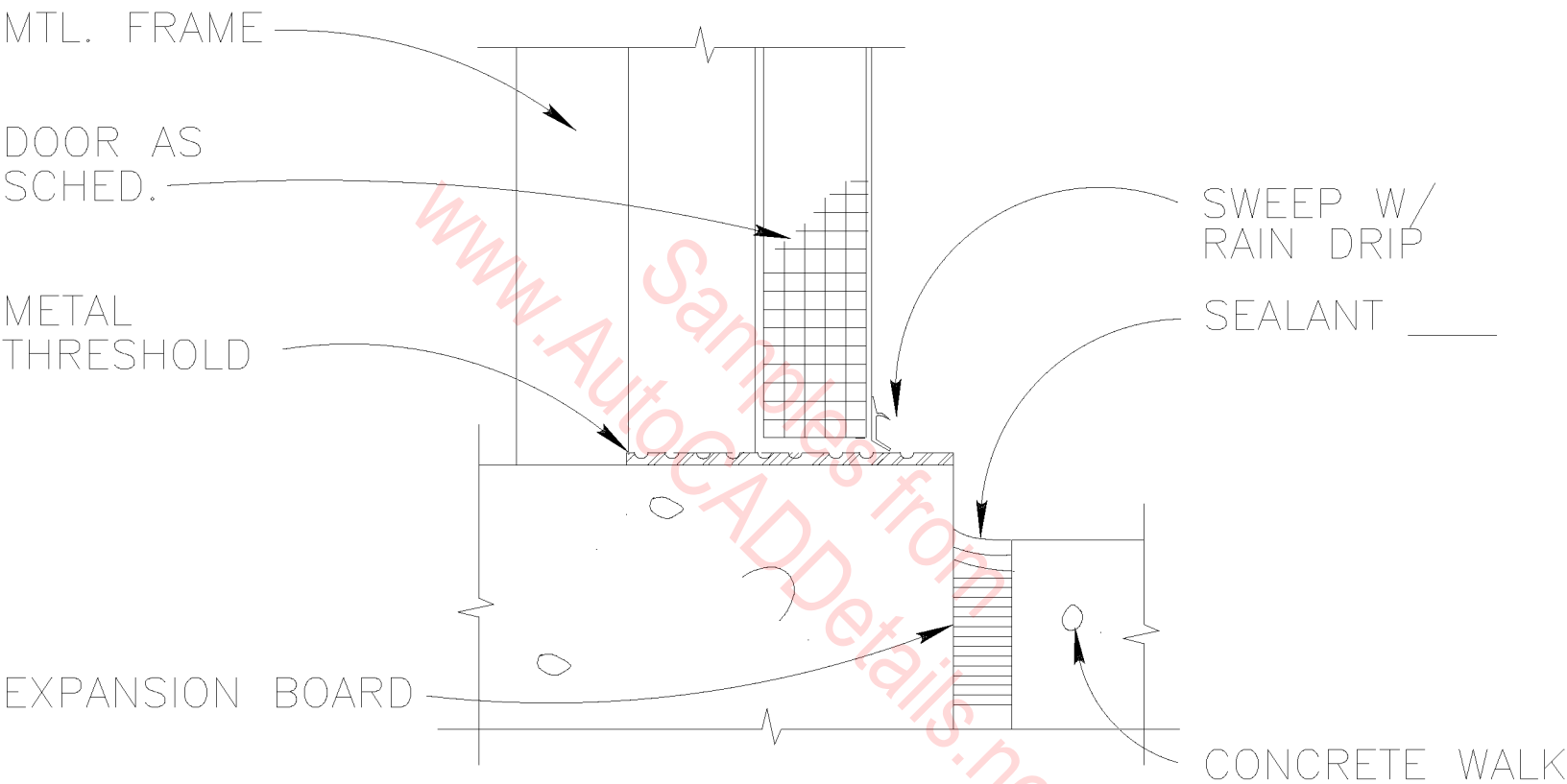




SILL

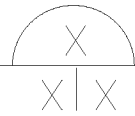
SCALE : 3"=1'-0"



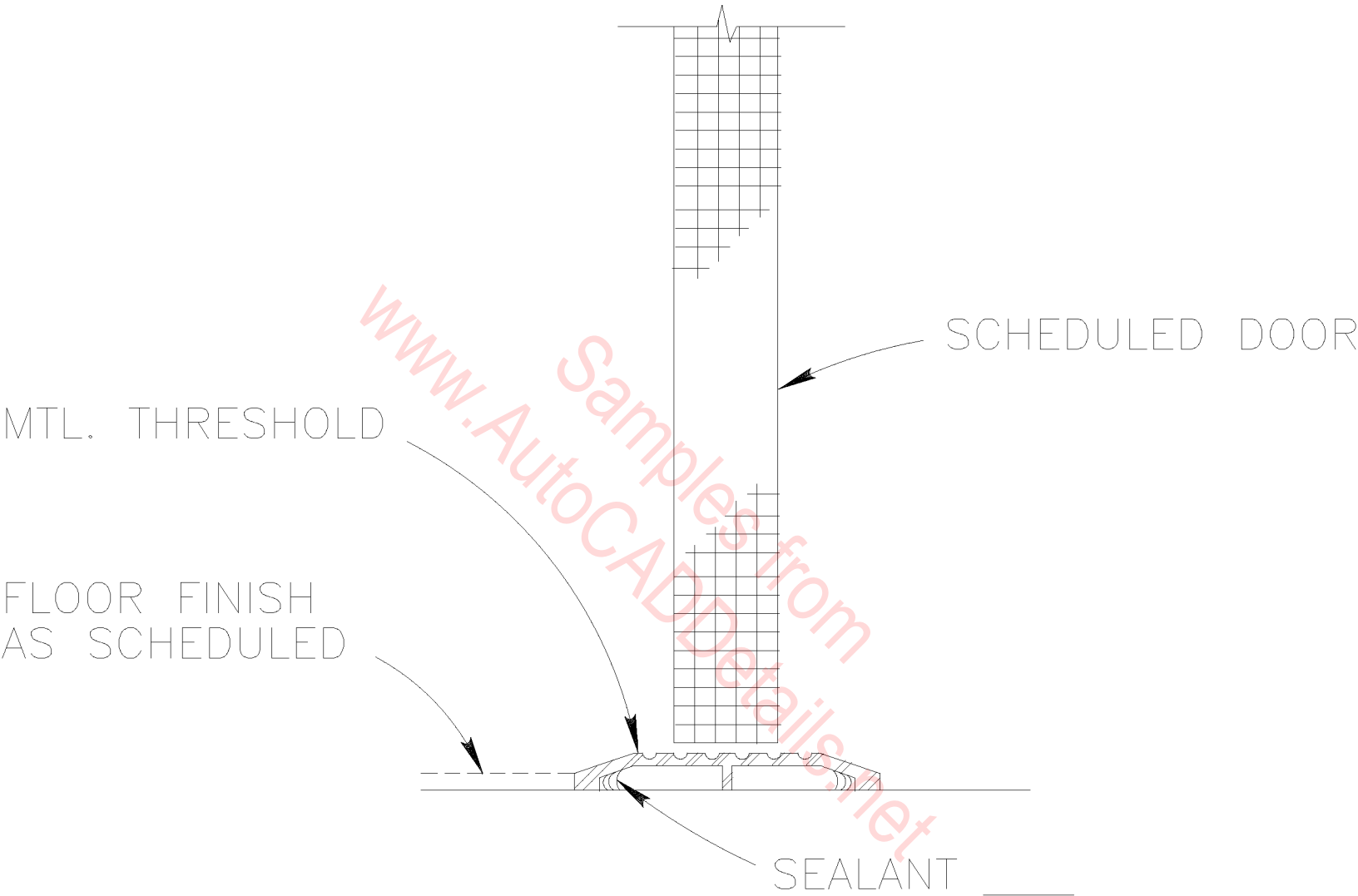


SILL

SCALE : 3" = 1'-0"

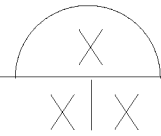


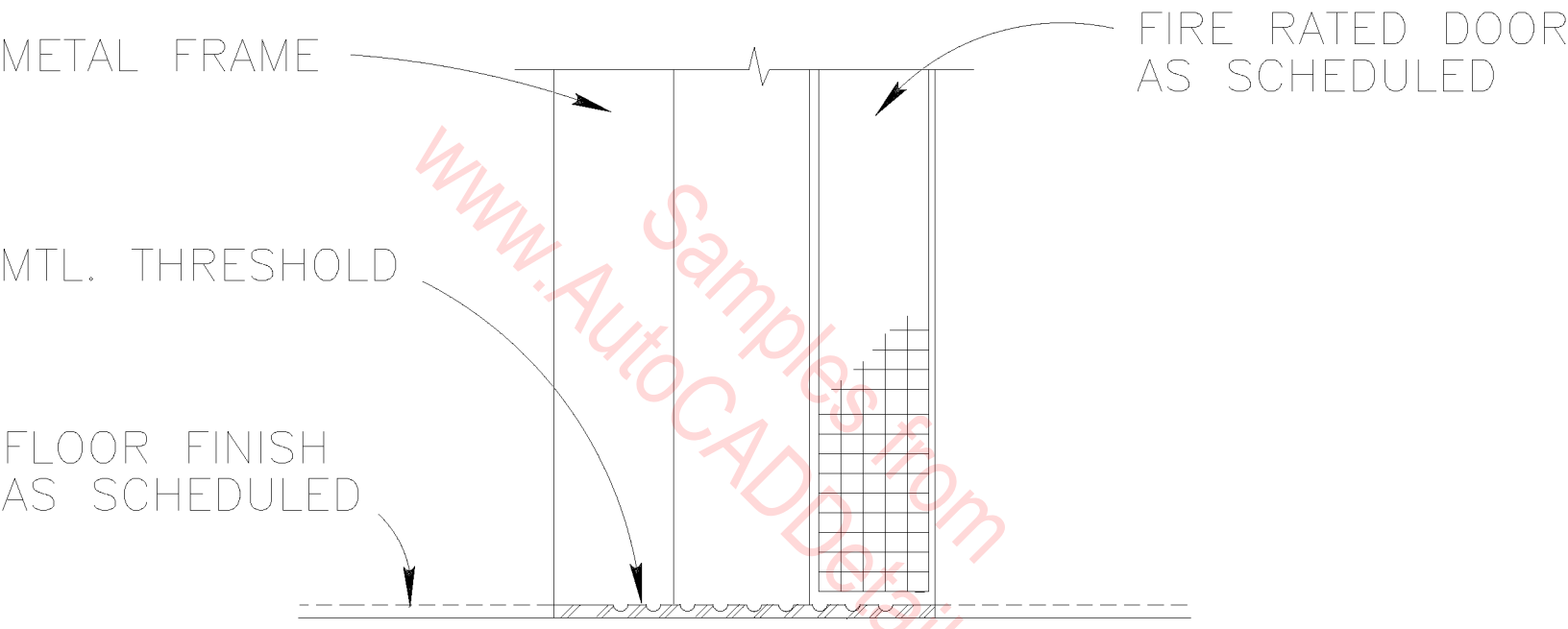




SILL

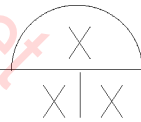
SCALE : 3" = 1'-0"





SILL

SCALE : 3" = 1'-0"



GLAZING — SEE SPECIFICATIONS

DOOR FRAME AS SCHEDULED

METAL THRESHOLD

FLOOR FINISH AS SCHEDULED

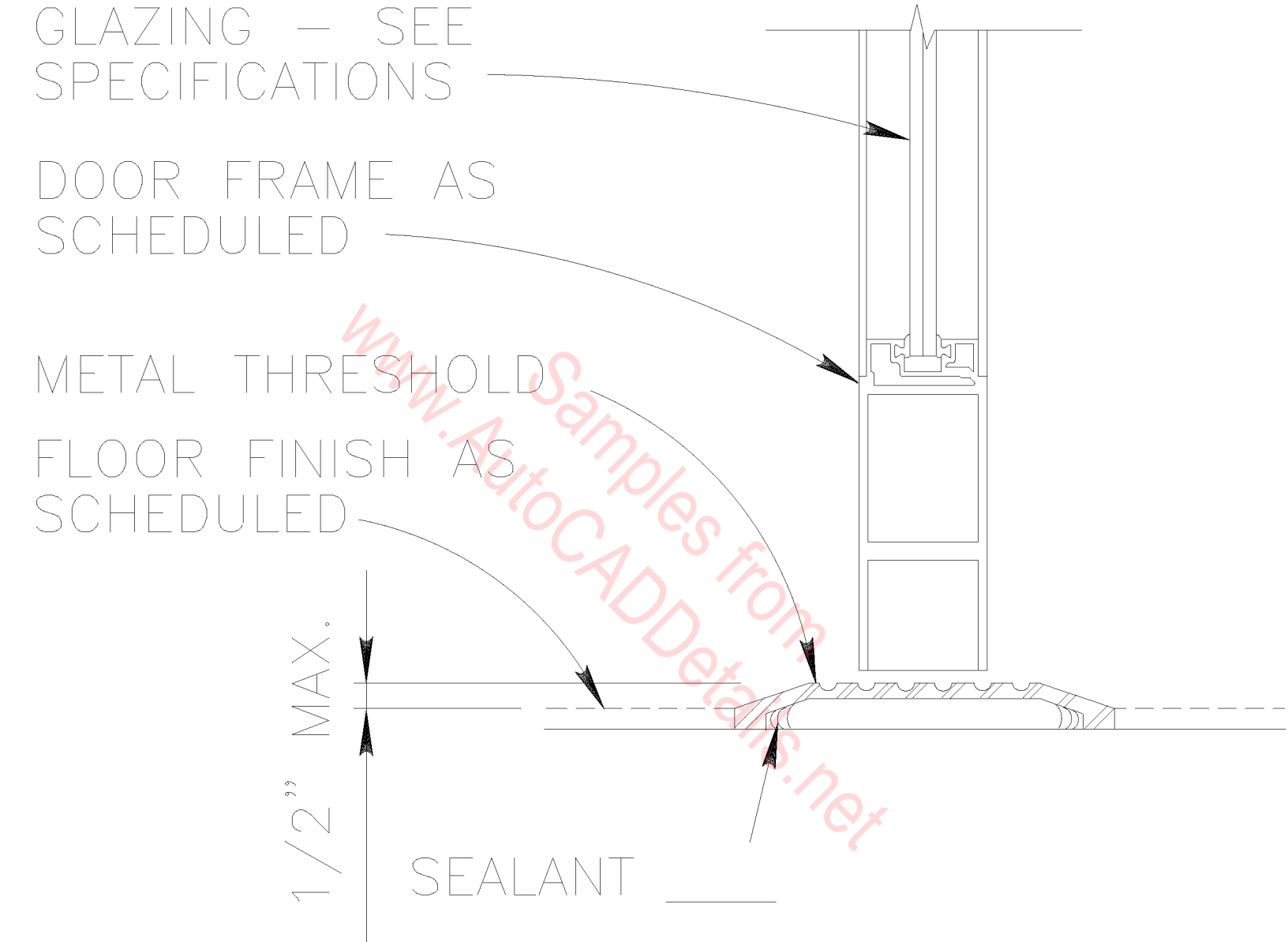
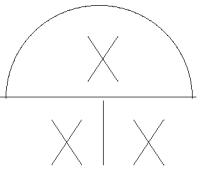
1/2" MAX.

SEALANT

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SILL

SCALE : 3" = 1' - 0"



HOLLOW METAL  
FRAME BEYOND

LINE OF GWB WHERE  
APPLICABLE

CONC.FLOOR  
SLAB

3/8" EXPANSION  
JOINT

DOOR AS  
SCHEDULED

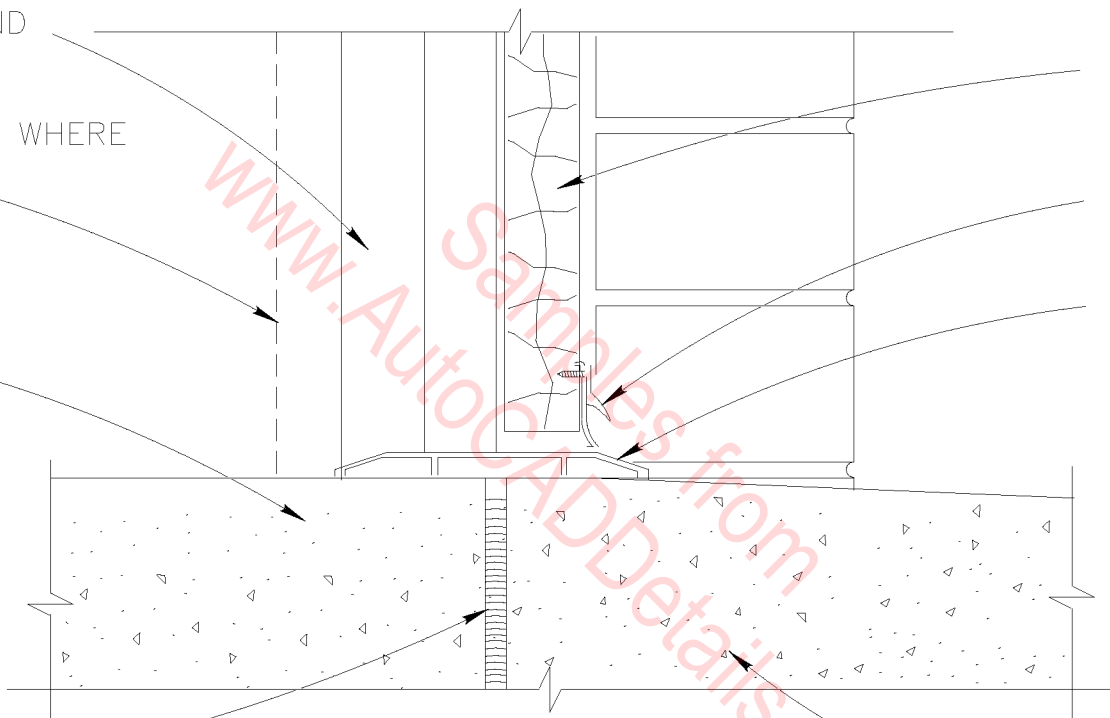
SWEEP W/  
RAIN DRIP

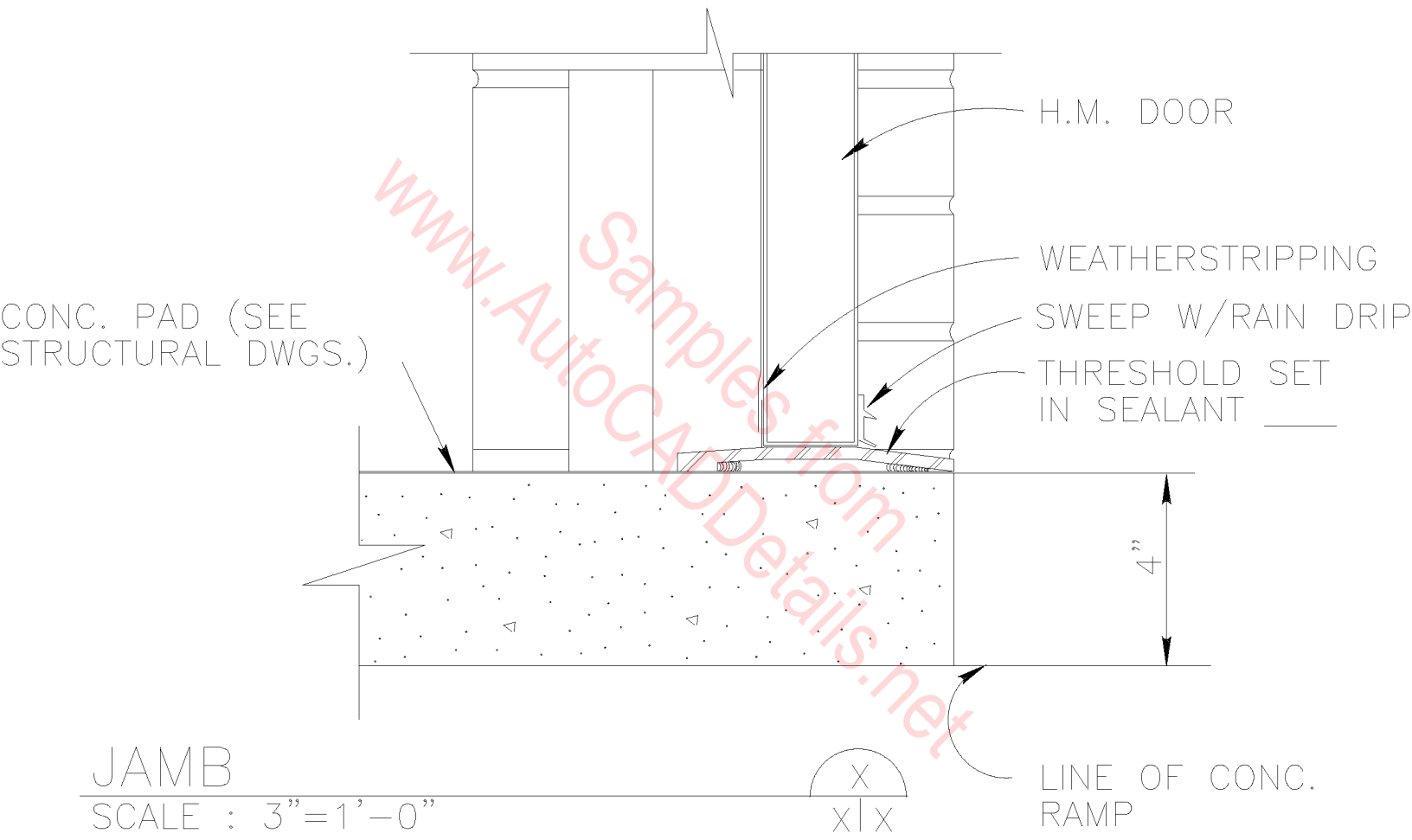
THRESHOLD  
SET IN  
SEALANT

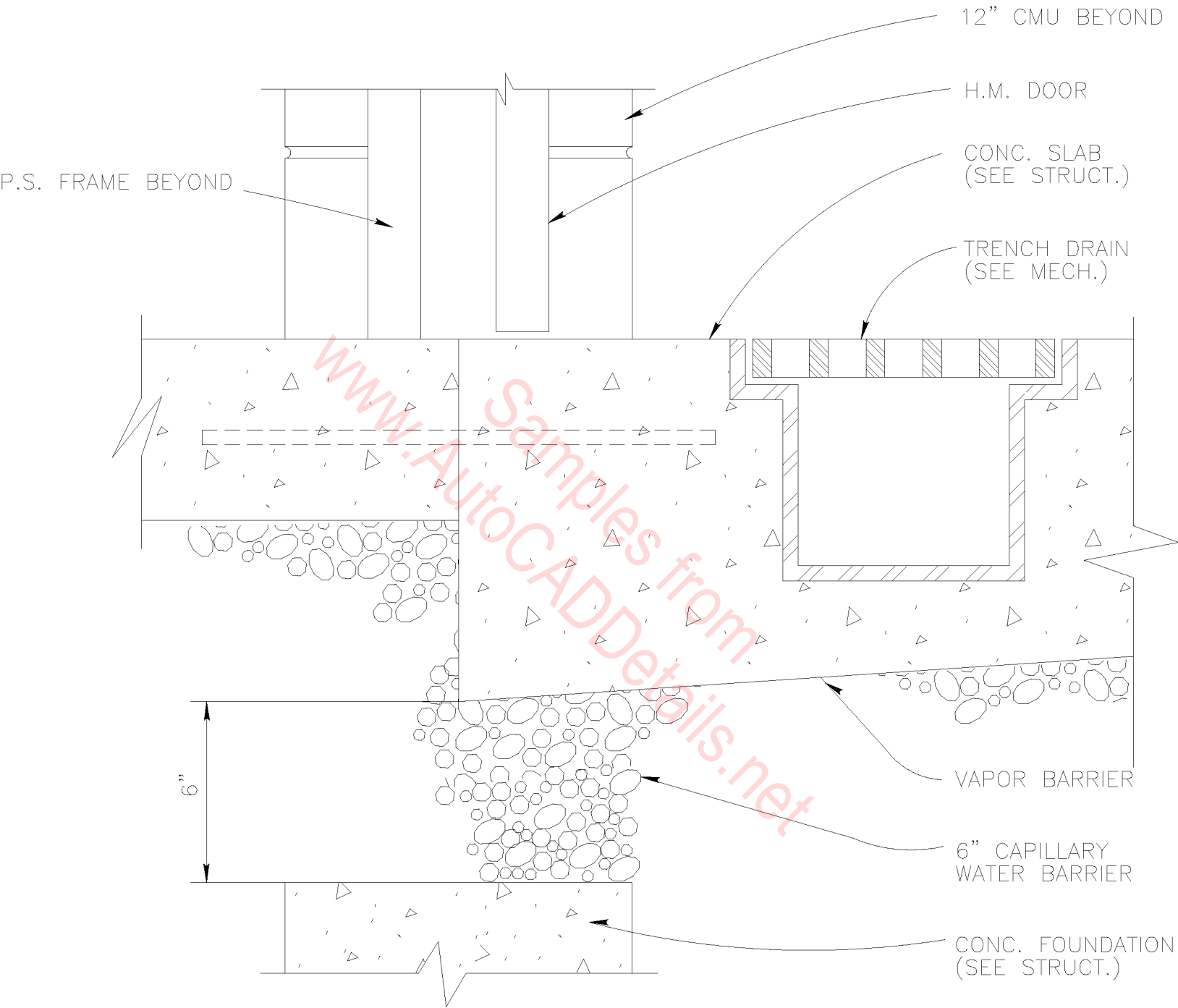
CONCRETE STOOP

DETAIL  
SCALE : 3"=1'-0"

X  
X|X







P.S. FRAME  
BEYOND

THRESHOLD  
SET IN  
SEALANT

CONCRETE  
FLOOR SLAB

H. M. DOOR

SWEEP W/  
RAIN DRIP

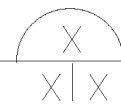
CONCRETE  
STOOP

FIN. FLR.  
EL. = X'-X"

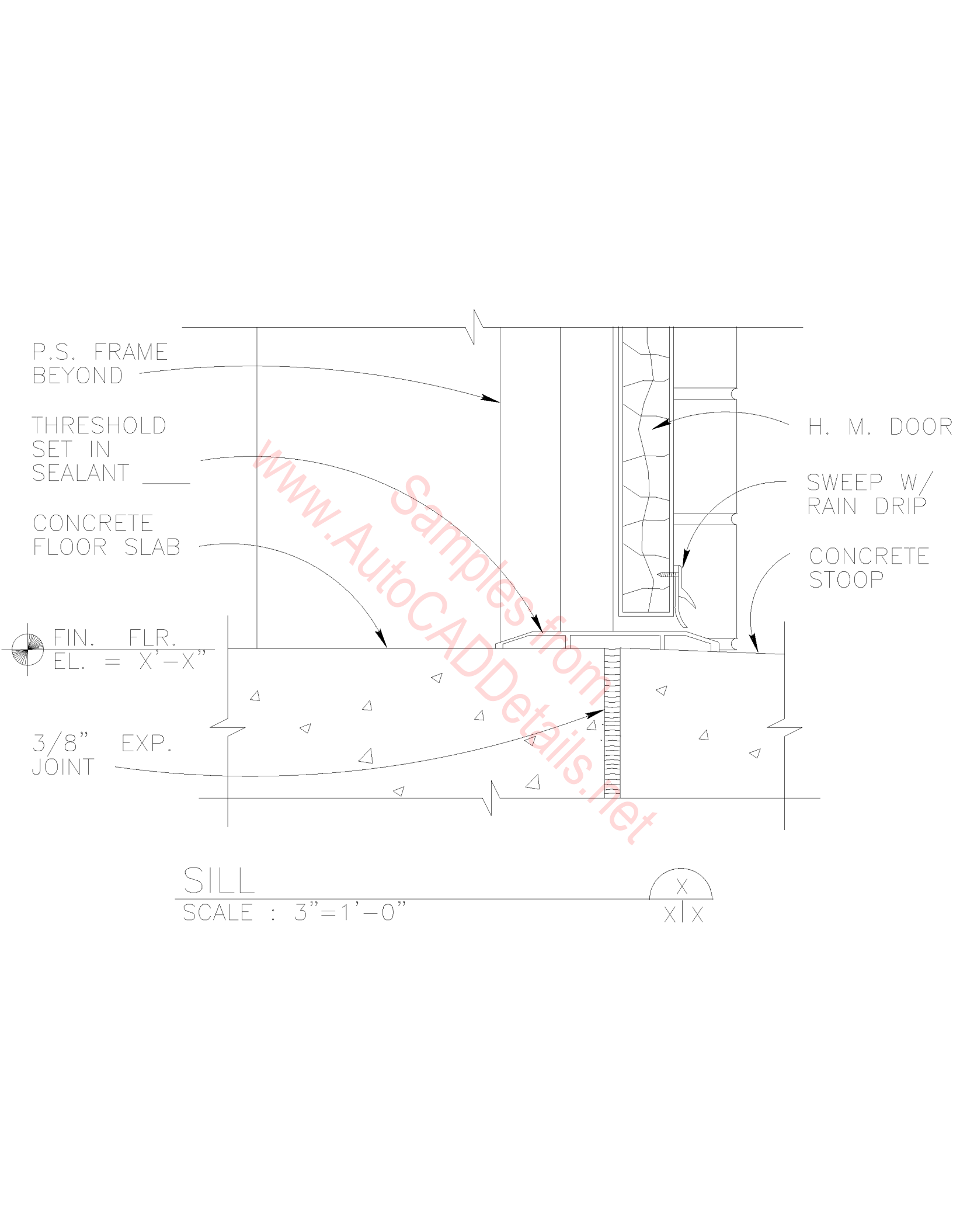
3/8" EXP.  
JOINT

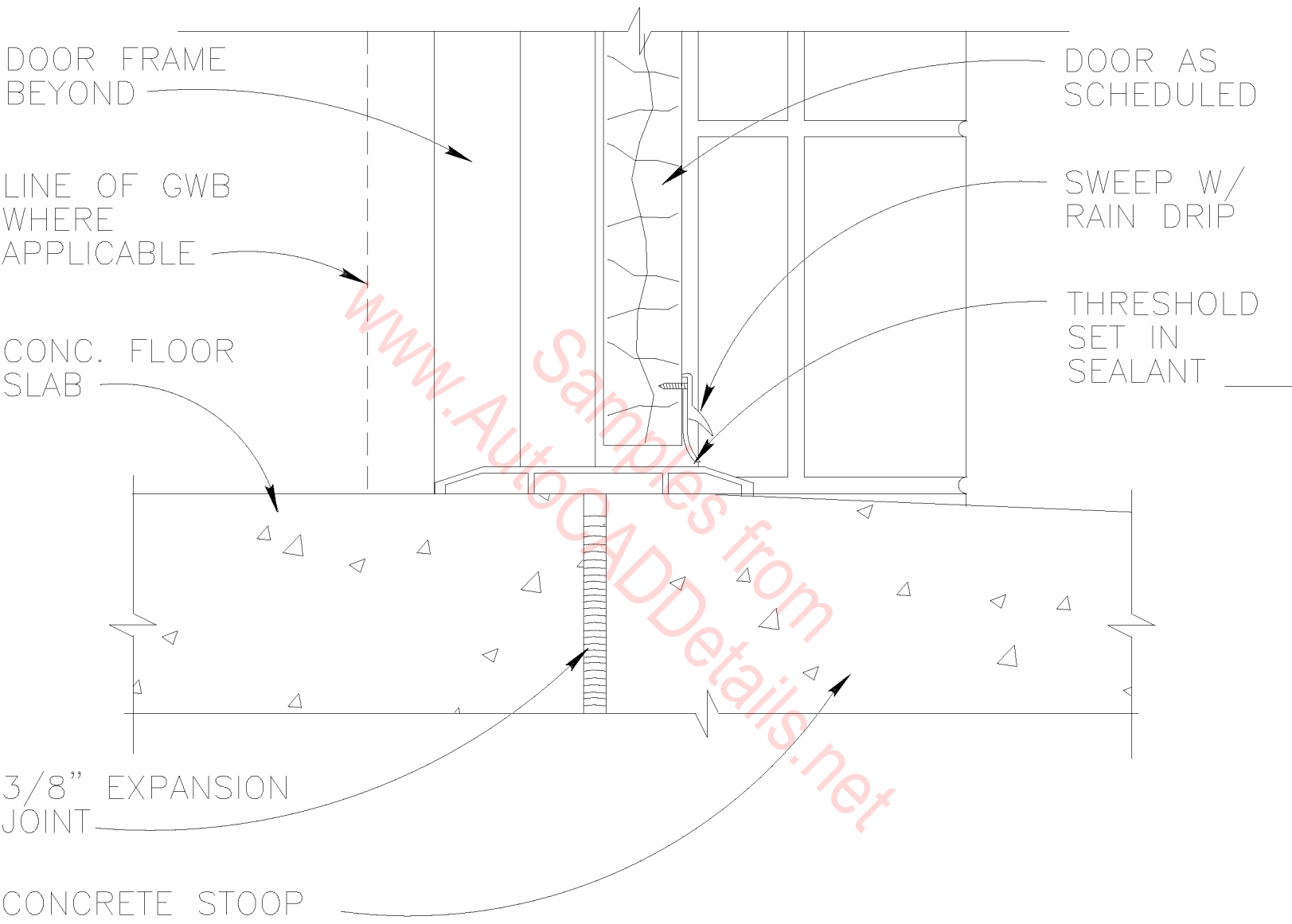
SILL

SCALE : 3" = 1'-0"

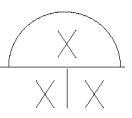


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SILL DETAIL  
 SCALE : 3" = 1'-0"





DOOR FRAME  
BEYOND

DOOR AS  
SCHEDULED

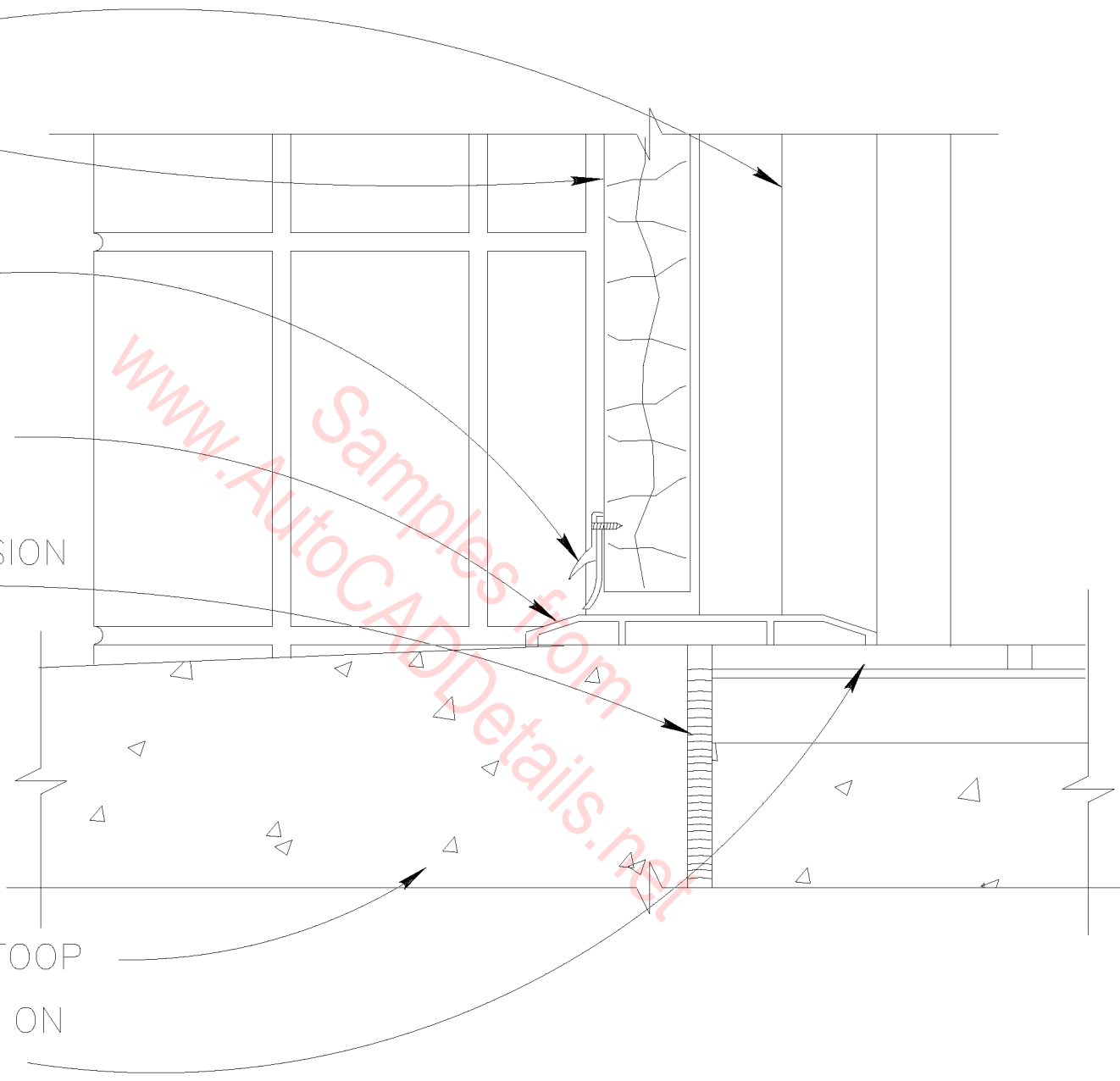
SWEEP W/  
RAIN DRIP

THRESHOLD  
SET IN  
SEALANT

3/8" EXPANSION  
JOINT

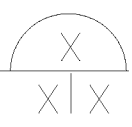
CONCRETE STOOP

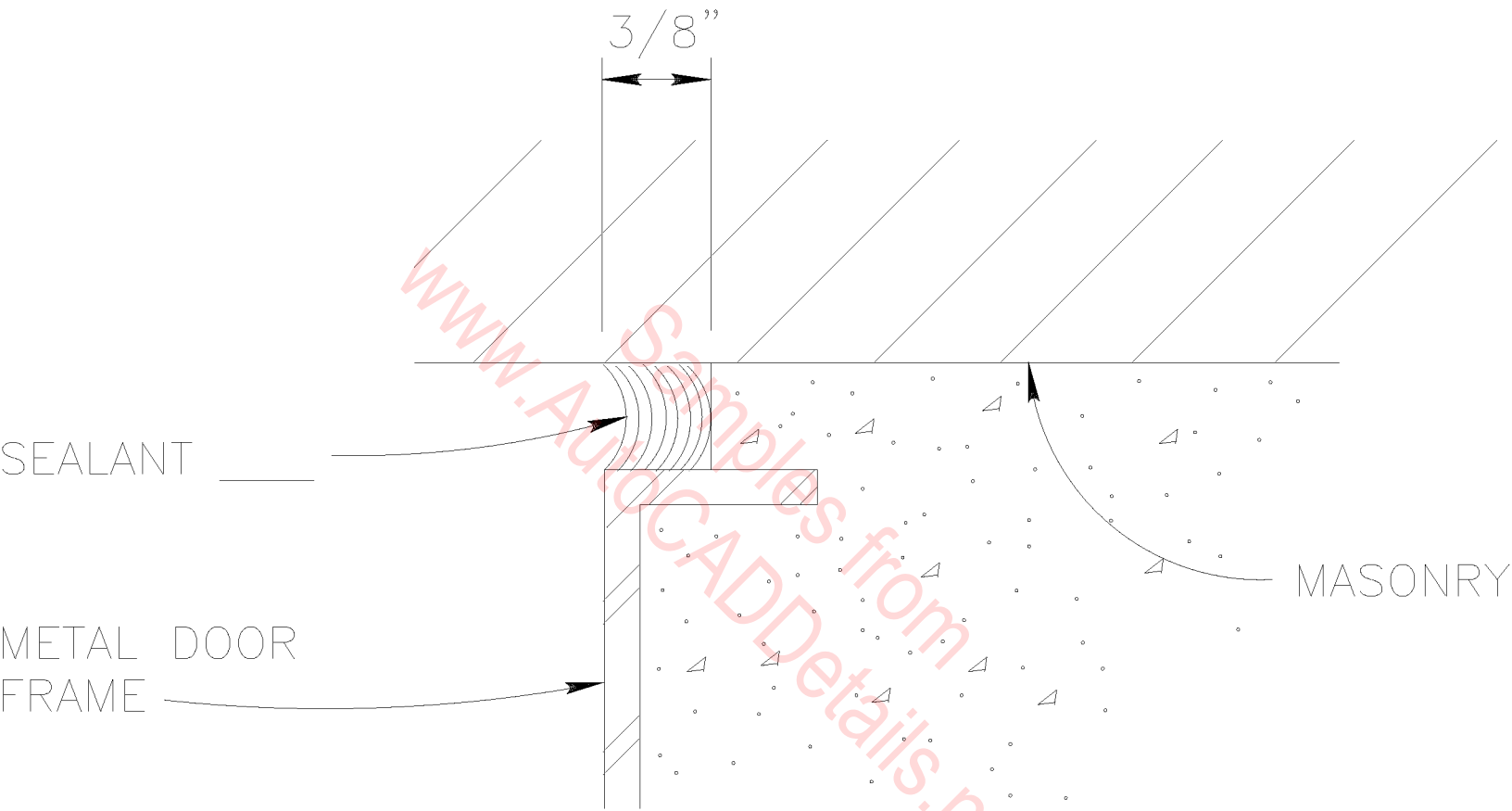
QUARRY TILE ON  
MORTAR BED



# SILL DETAIL

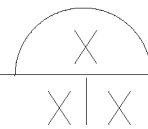
SCALE : 3" = 1'-0"

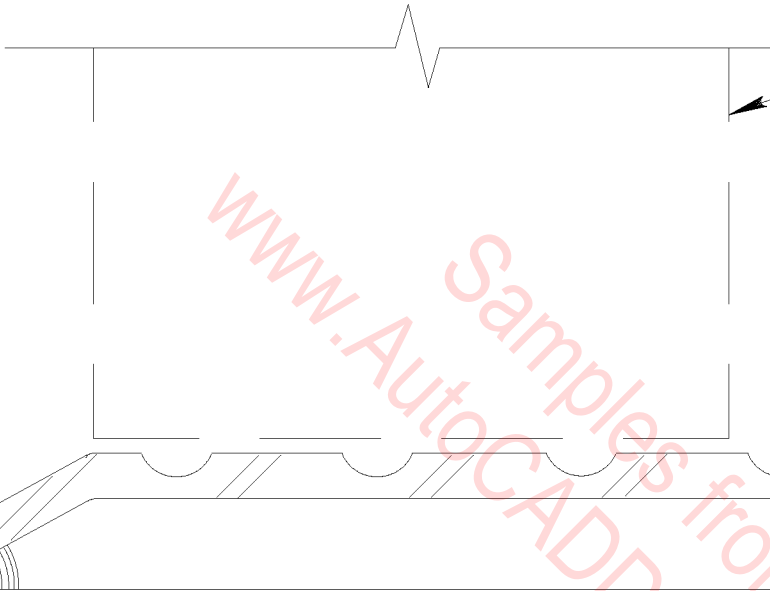




SEALANT JOINT

N.T.S.





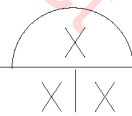
DOOR—SEE  
SCHEDULE

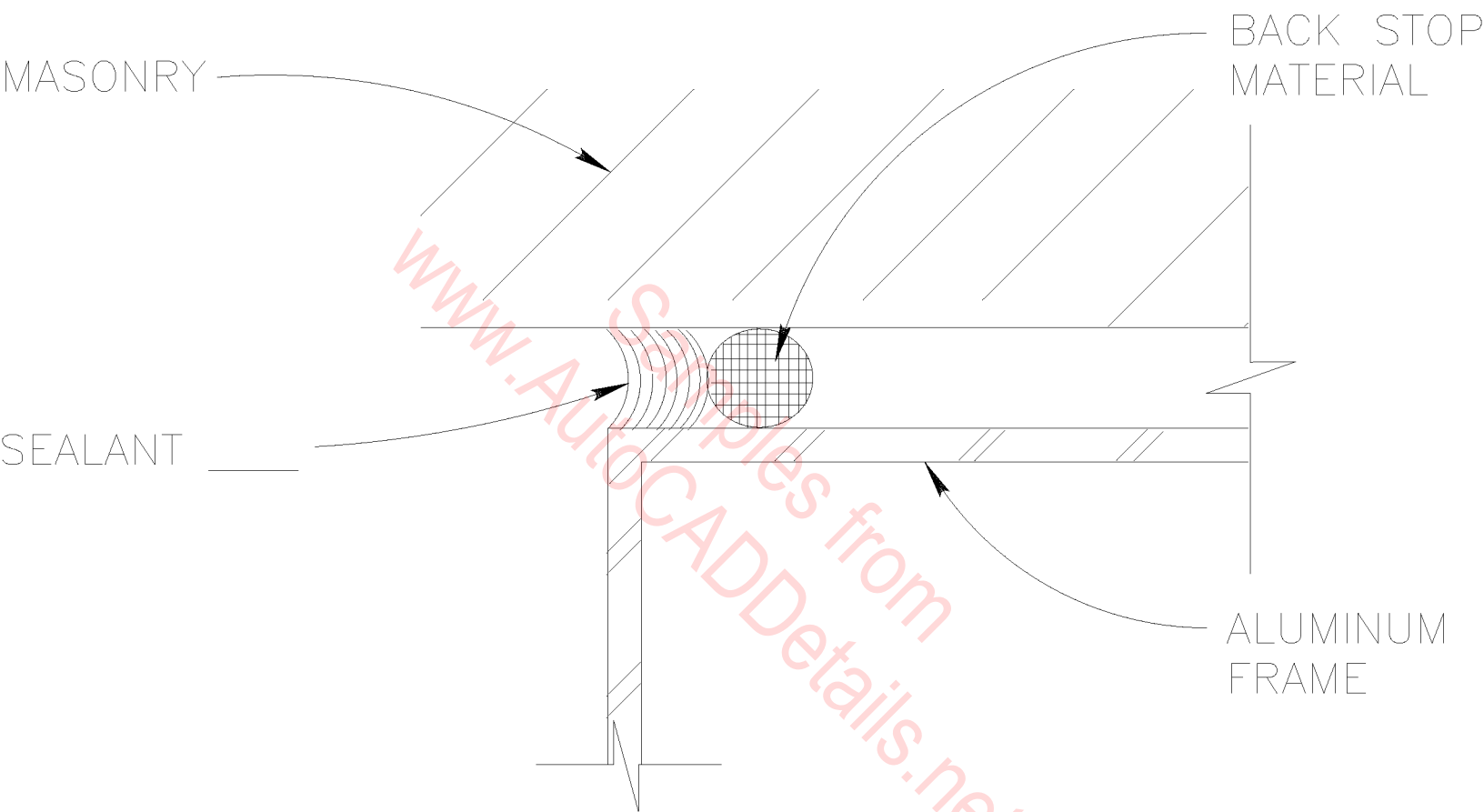
MTL. THRESHOLD  
SET IN SEALANT  
BED

SEALANT

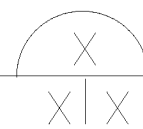
CONCRETE  
FLOOR

SEALANT JOINT  
N.T.S.





SEALANT JOINT  
N.T.S.



GLAZING — SEE SPECIFICATIONS

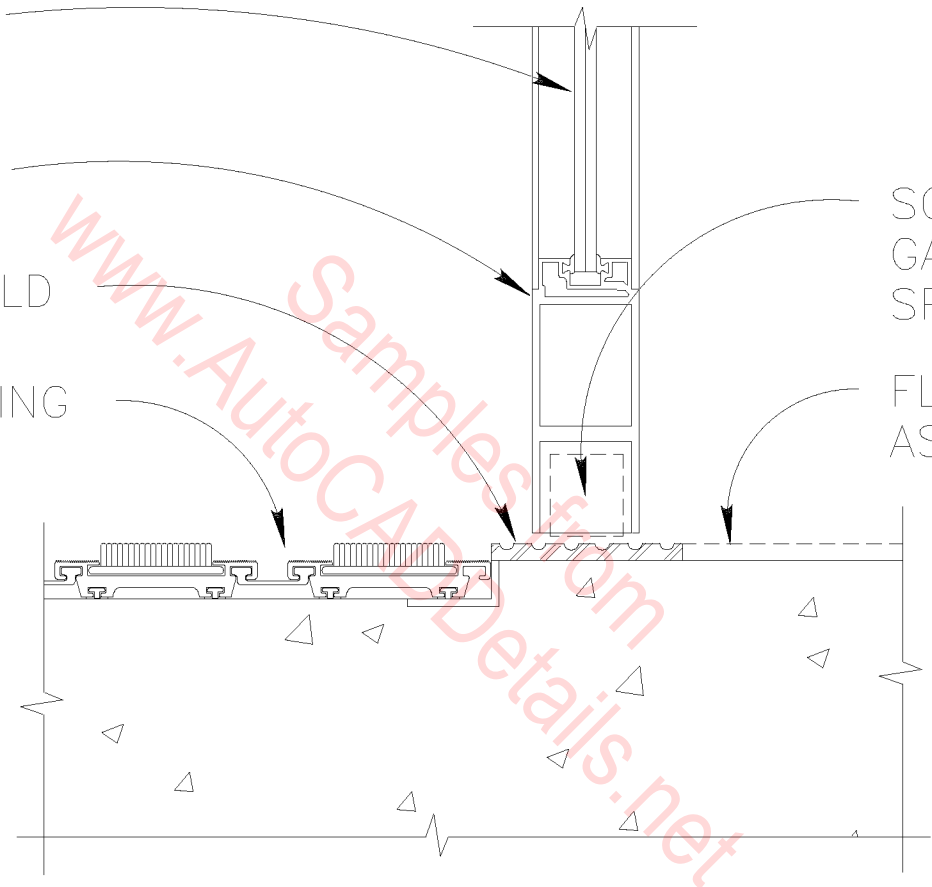
DOOR FRAME AS SCHEDULED

METAL THRESHOLD

RECESSED MATTING

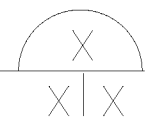
SOUND SEAL / GASKET — SEE SPECIFICATIONS

FLOOR FINISH AS SCHEDULED



SILL

SCALE : 3" = 1'-0"



GLAZING — SEE SPECIFICATIONS

DOOR FRAME AS SCHEDULED

METAL THRESHOLD

FLOOR FINISH AS SCHEDULED

SOUND SEAL / GASKET — SEE SPECIFICATIONS

RECESSED MATTING

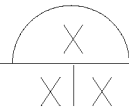
1/4" MAX.

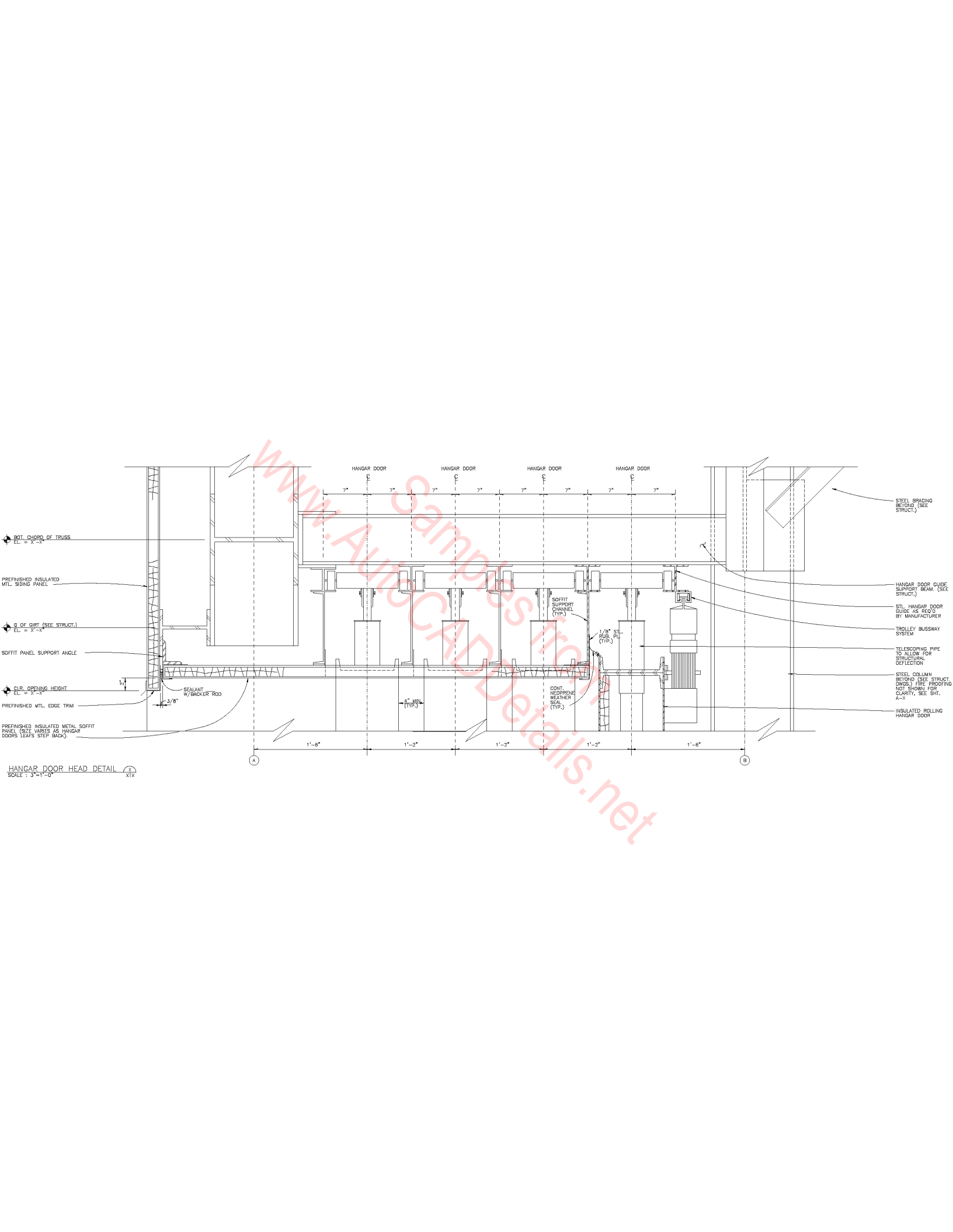
SEALANT

www.ArchSamples.com  
ArchSamples.net

SILL

SCALE : 3" = 1'-0"





BOT. CHORD OF TRUSS  
EL. = X'-X"

PREFINISHED INSULATED  
MTL. SIDING PANEL

G. OF GIRT (SEE STRUCT.)  
EL. = X'-X"

SOFFIT PANEL SUPPORT ANGLE

CLR. OPENING HEIGHT  
EL. = X'-X"

PREFINISHED MTL. EDGE TRIM

PREFINISHED INSULATED METAL SOFFIT  
PANEL (SIZE VARIES AS HANGAR  
DOORS LEAFS STEP BACK)

HANGAR DOOR    HANGAR DOOR    HANGAR DOOR    HANGAR DOOR

7'    7'    7'    7'    7'    7'    7'    7'    7'

STEEL BRACING  
SECTION (SEE  
STRUCT.)

HANGAR DOOR GUIDE  
SUPPORT BEAM (SEE  
STRUCT.)

STL. HANGAR DOOR  
GUIDE AS REQ'D  
BY MANUFACTURER

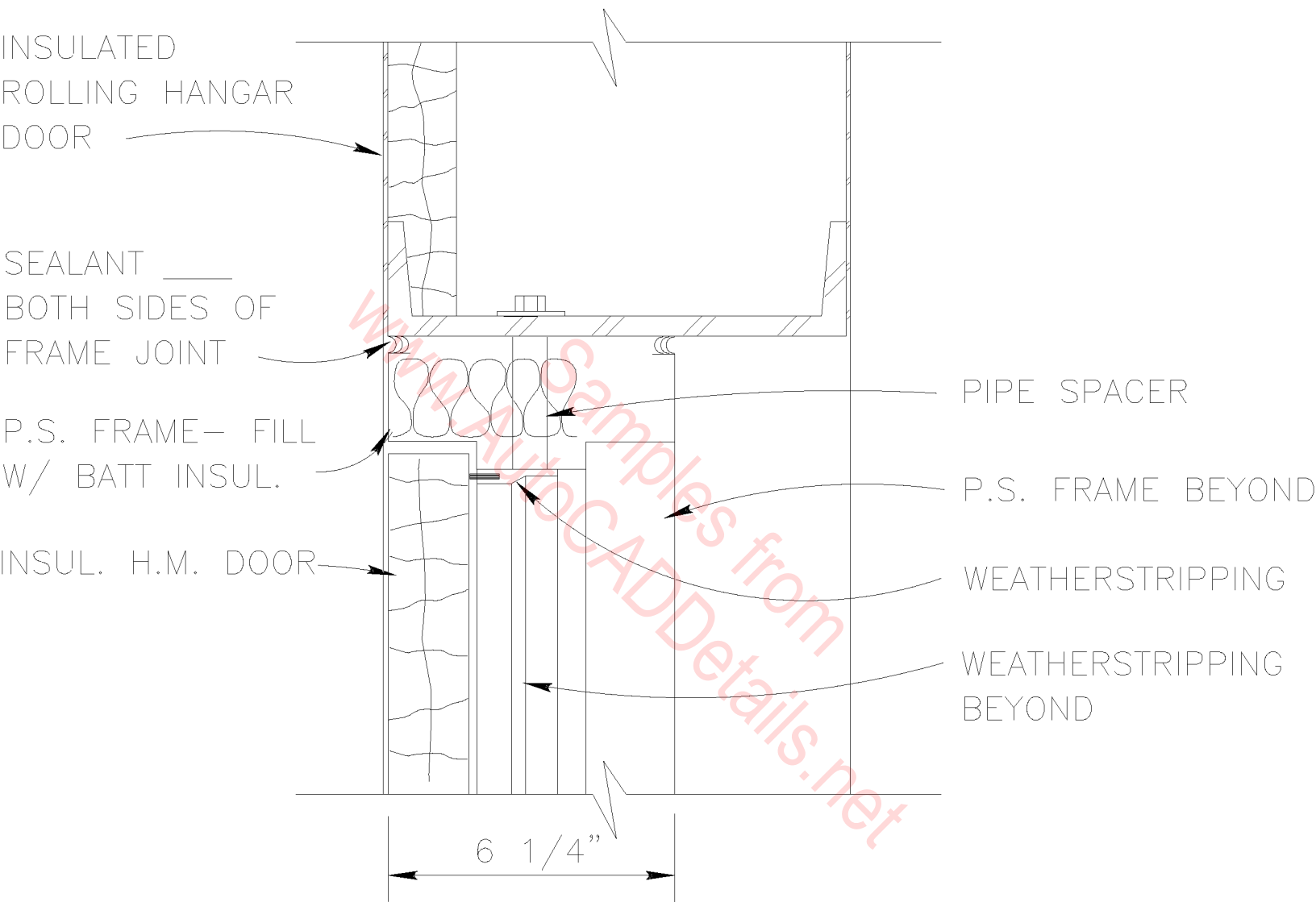
TROLLEY BUSWAY  
SYSTEM

TELESCOPING PIPE  
TO ALLOW FOR  
STRUCTURAL  
DEFLECTION

STEEL COLUMN  
BEYOND (SEE STRUCT.  
DWGS.) FIRE PROTECTING  
NOT SHOWN FOR  
CLARITY, SEE SHT.  
A-2

INSULATED ROLLING  
HANGAR DOOR

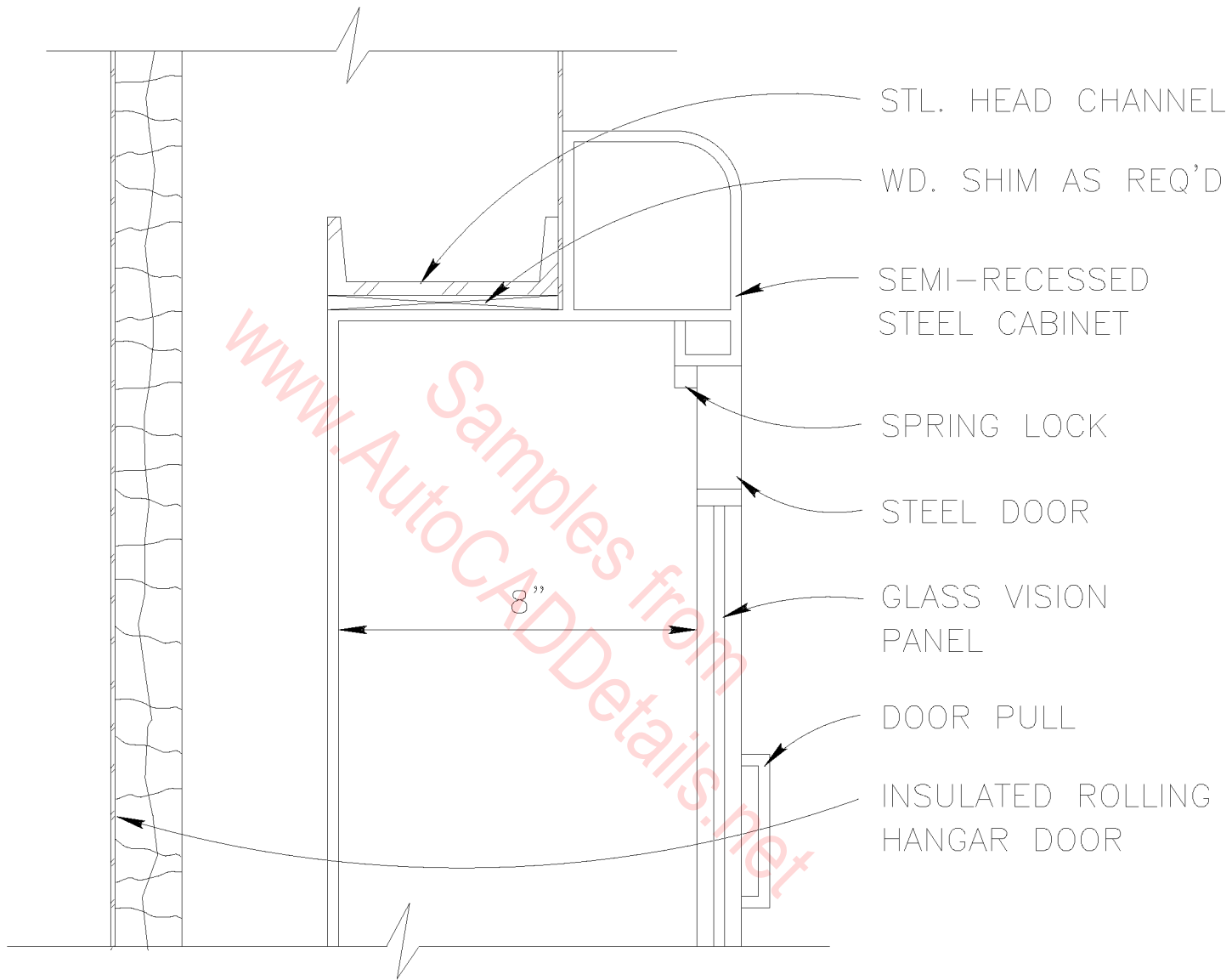
HANGAR DOOR HEAD DETAIL  
SCALE: 3/4"=1'-0"  
XIX



PILOT DOOR HEAD DETAIL (JAMB SIM.) X  
X|X

SCALE : 3"=1'-0"



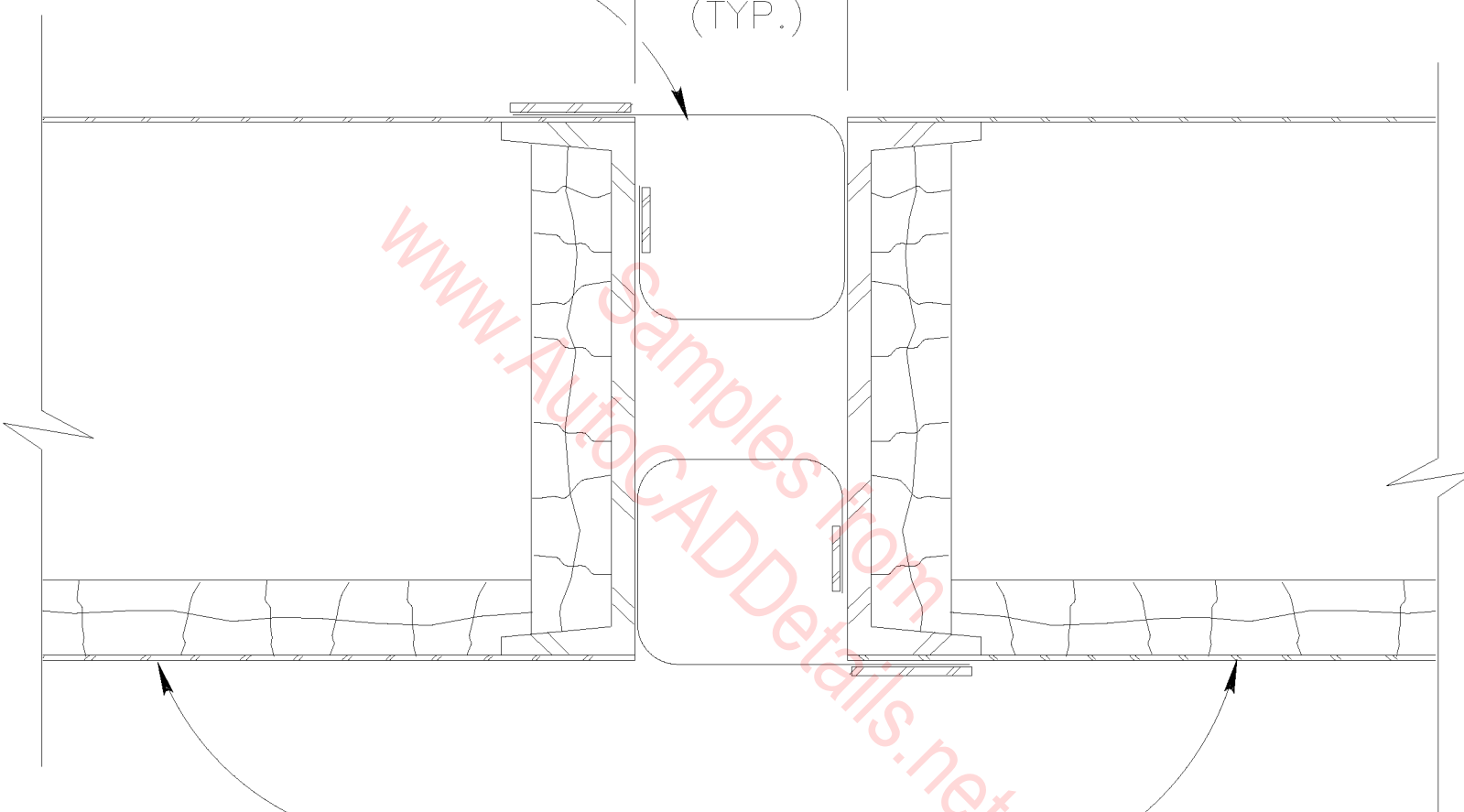


SEMI-RECESSED F.E.C. HEAD DETAIL/SILL SIM.  $\frac{x}{x|x}$

SCALE : 3"=1'-0"

CONT. NEOPRENE SHEET  
WEATHERSTRIPPING, BOTH  
SIDES OF JAMB (TYP.)

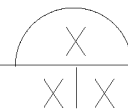
4"  
(TYP.)



INSULATED ROLLING  
HANGAR DOOR (TYP.)

# HANGAR DOOR MEETING EDGE

SCALE : 3"=1'-0"



CONT. HANGAR DOOR  
NEOPRENE SHEET  
WEATHERSTRIPPING  
(TYP.)

CONT. 16 GA.  
RUB PLATE (TYP.)

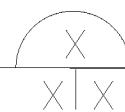
www.AutocADDetails.net

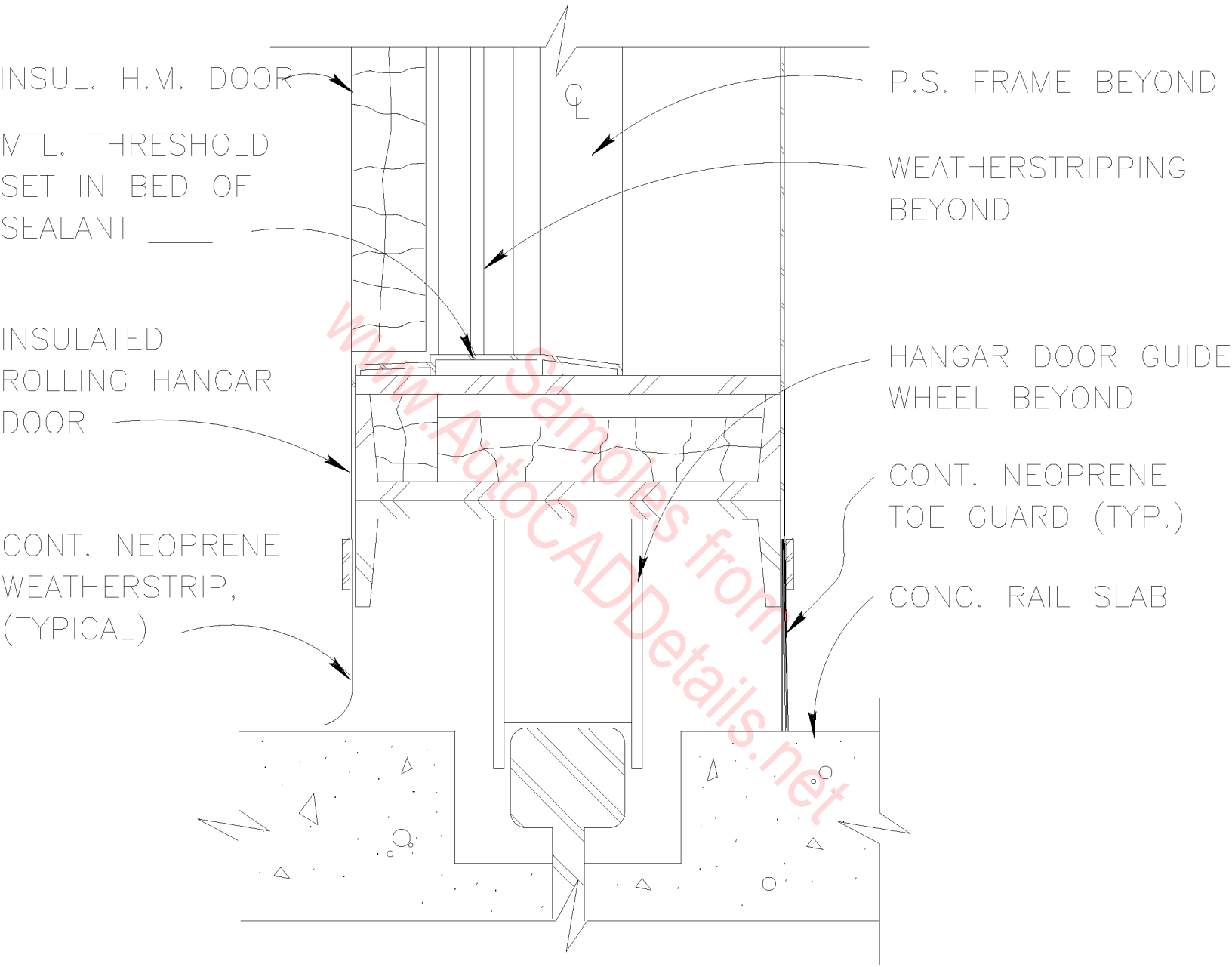
4"  
(TYP.)

INSULATED ROLLING  
HANGAR DOOR (TYP.)

# HANGAR DOOR WEATHERSEAL

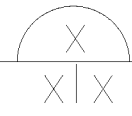
SCALE : 3"=1'-0"





PILOT DOOR SILL DETAIL

SCALE : 3"=1'-0"



SEMI-RECESSED  
FIRE EXTINGUISHER  
CABINET

STL. HEAD CHANNEL  
WD. SHIM AS REQ'D

1' - 8"

4"

4"

4"

1' - 0"

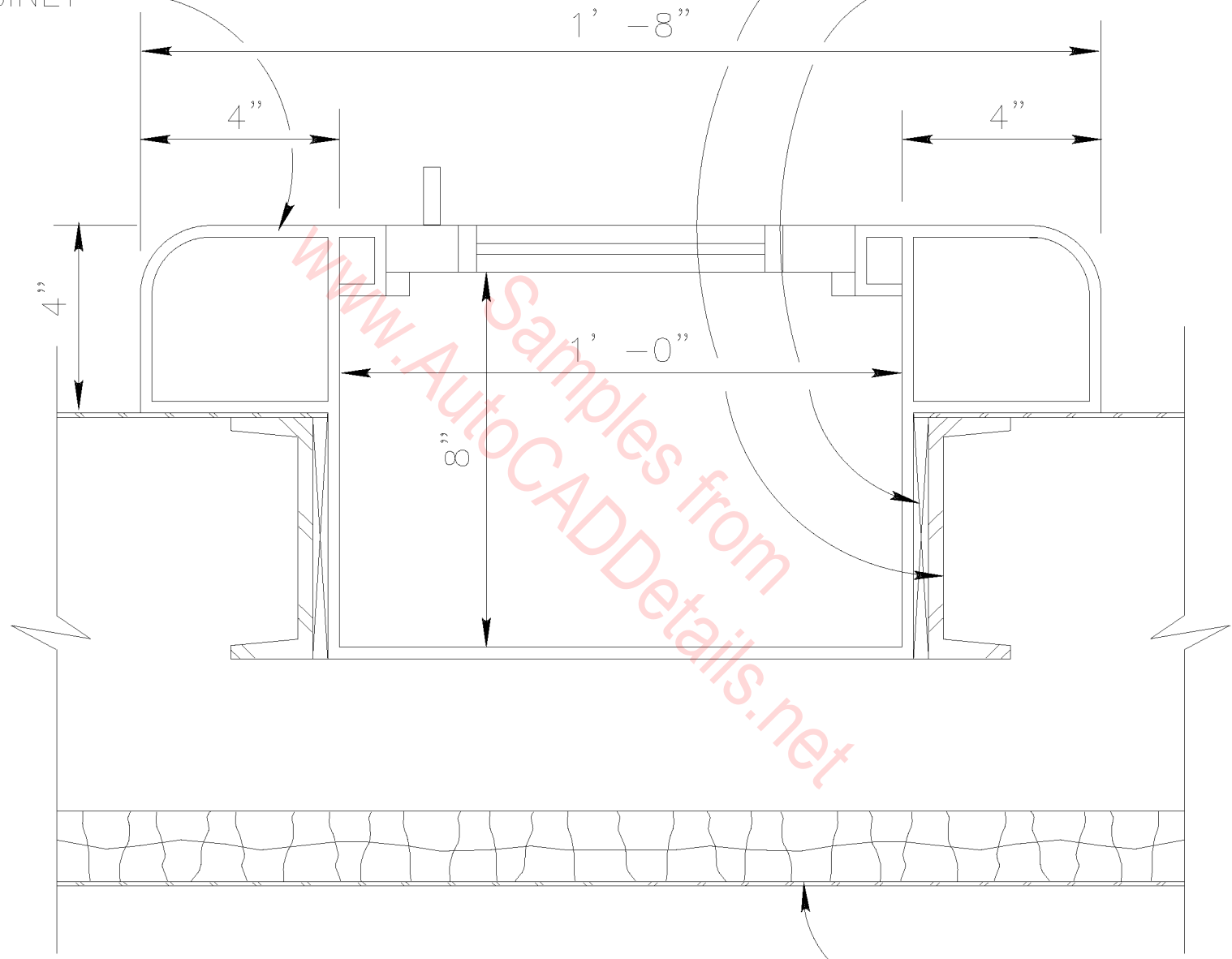
8"

www.AutoCADDetails.net

SEMI-RECESSED F.E.C.  
SCALE : 3" = 1' - 0"

X  
XIX

INSULATED ROLLING  
HANGAR DOOR



14 GAGE INTERIOR FACE SHT. (TYP.)

INSULATED ROLLING HANGAR DOOR (TYP.)

HANGAR DOOR NEOPRENE WEATHERSTRIPPING (TYP.)

1/8" STEEL RUB PLATE W/180 RADIUS SPHERE  
WELDED TO STEEL COLUMN AND ANCHORED TO  
MASONRY W/6" LONG WELDED STUDS 2'-0" O.C.

STEEL COLUMN  
(SEE STRUCT.)

14 GAGE EXTERIOR  
FACE SHT. (TYP.)

STEEL BENT PLATE  
JAMB CLOSURE ABOVE,  
MATCH SLOPE OF  
MASONRY SILL

4" SPLIT FACE CMU

8" CMU

RIGID INSULATION  
(R=11)

OUTSIDE FACE OF  
PREFINISHED METAL  
SIDING PANELS ABOVE

4" MIN.

9"

1'-2"

1'-11"

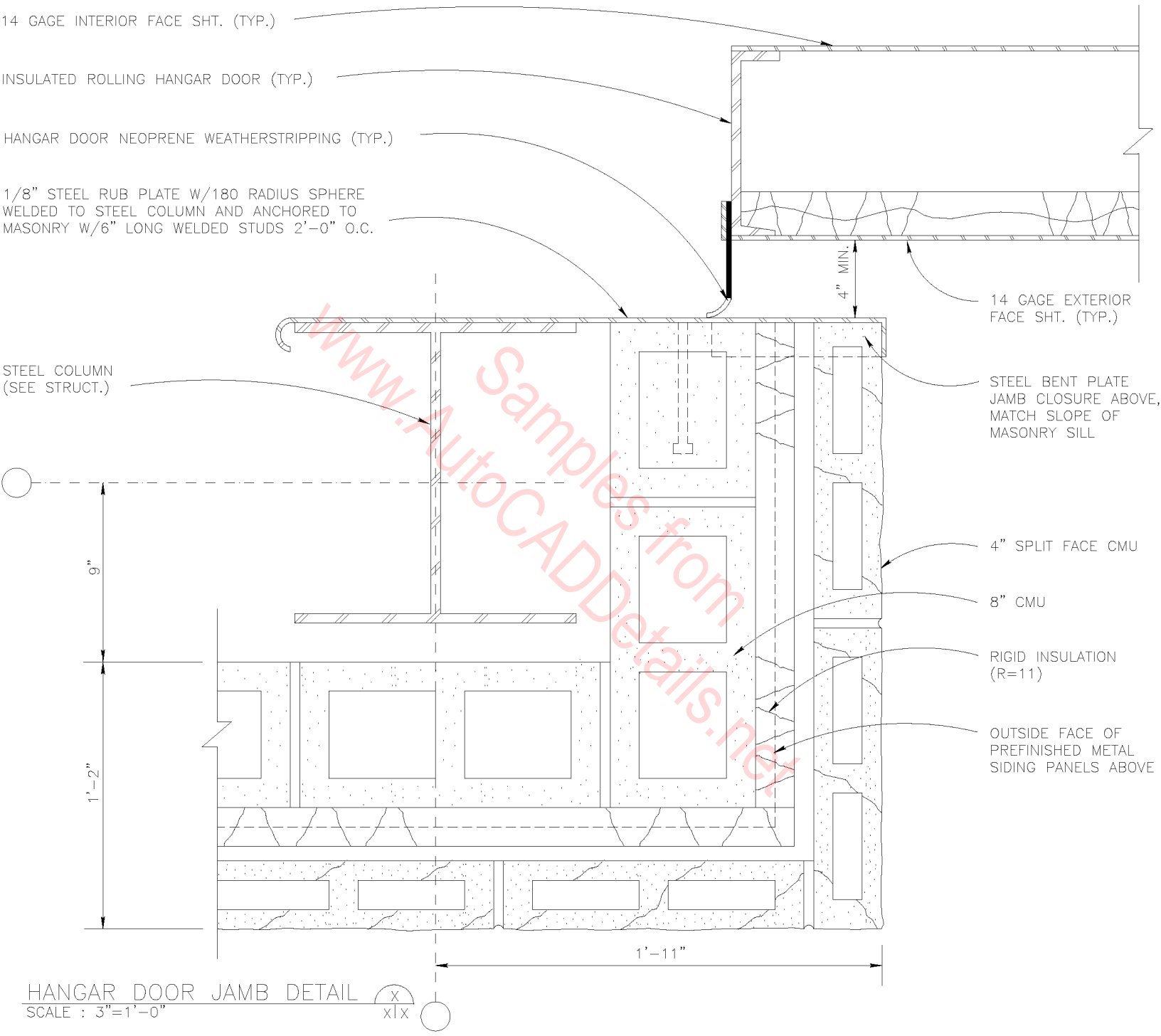
HANGAR DOOR JAMB DETAIL

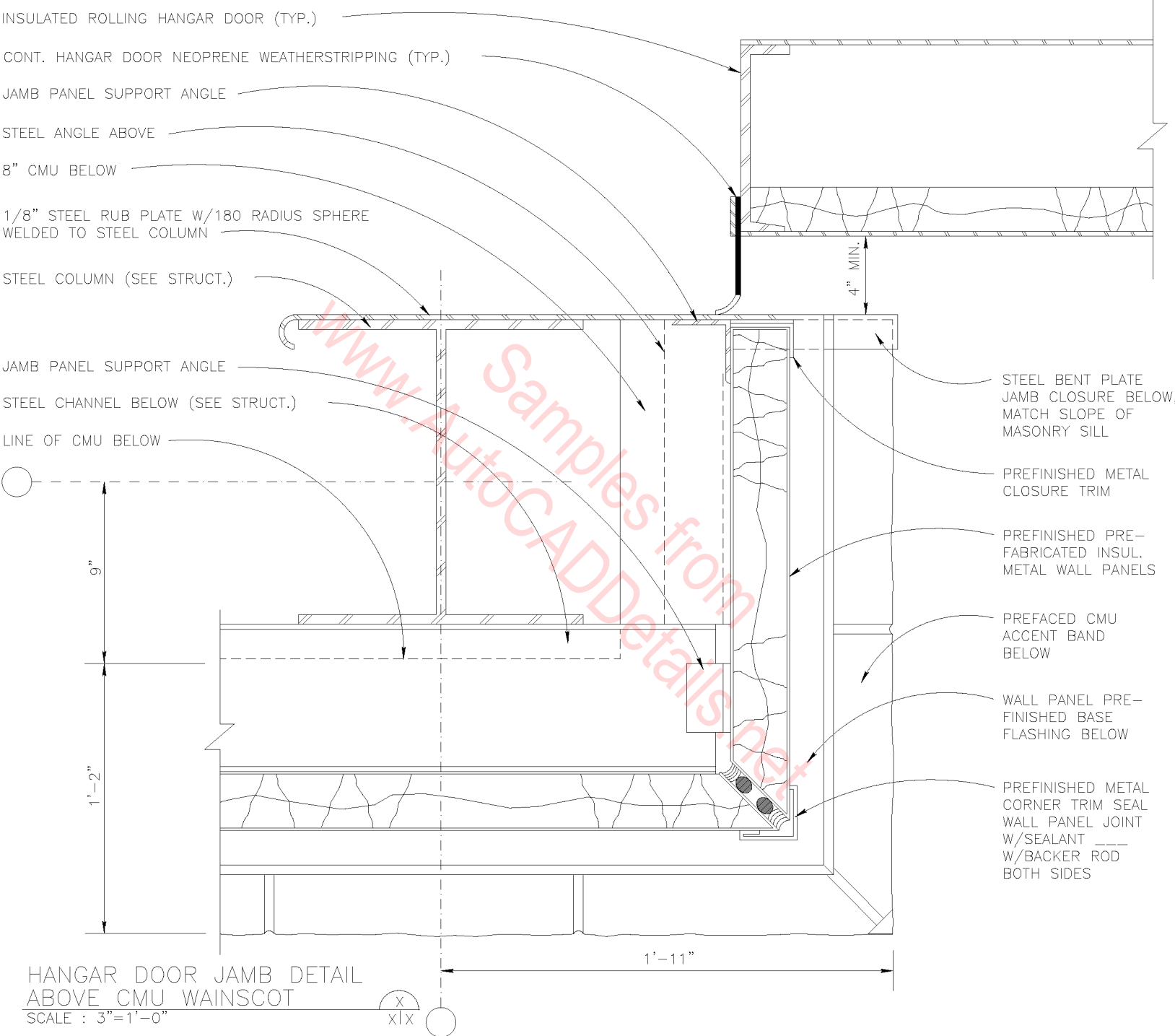
SCALE : 3"=1'-0"

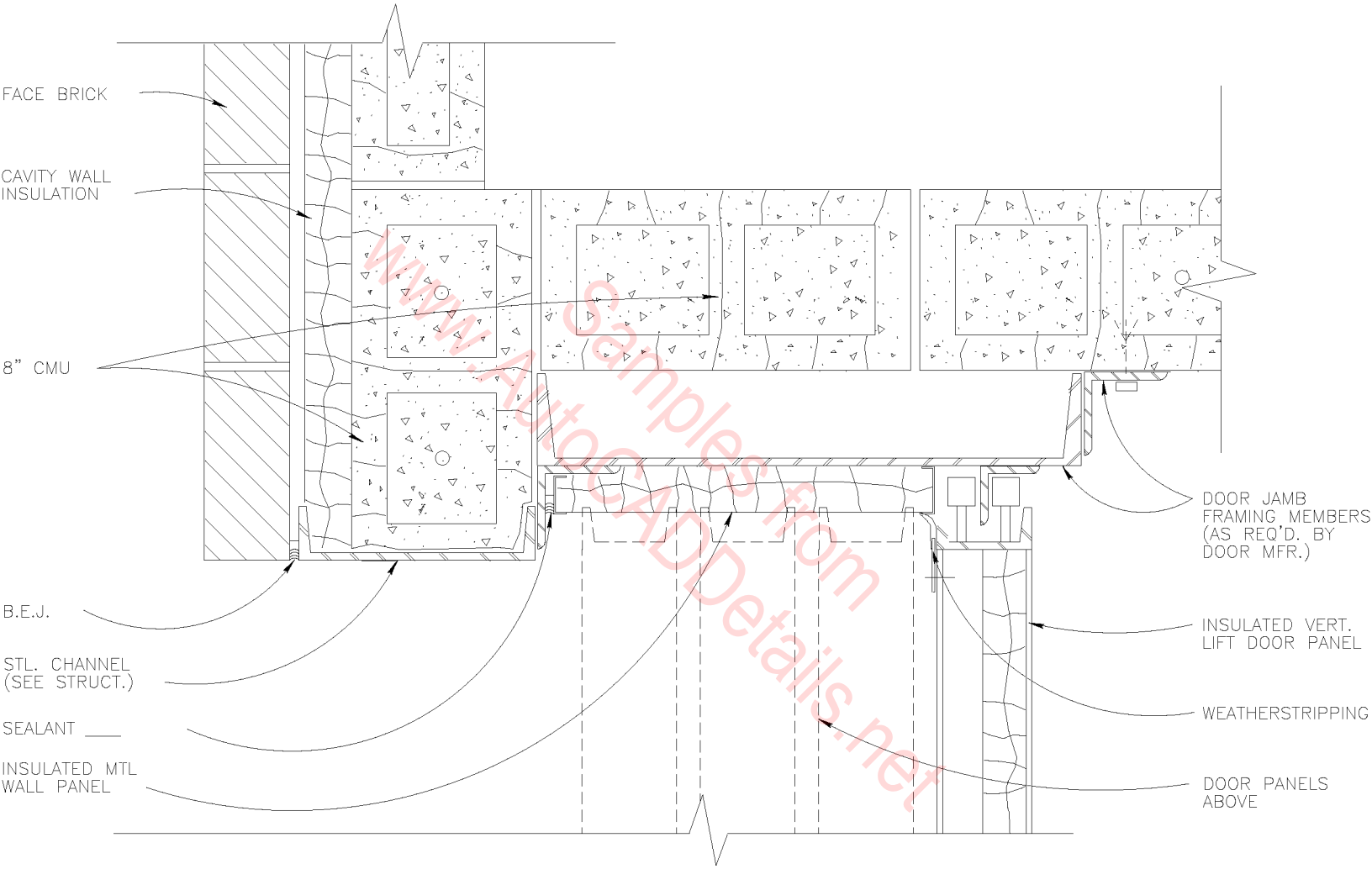
X  
XIX



www.AutoCADDetails.net



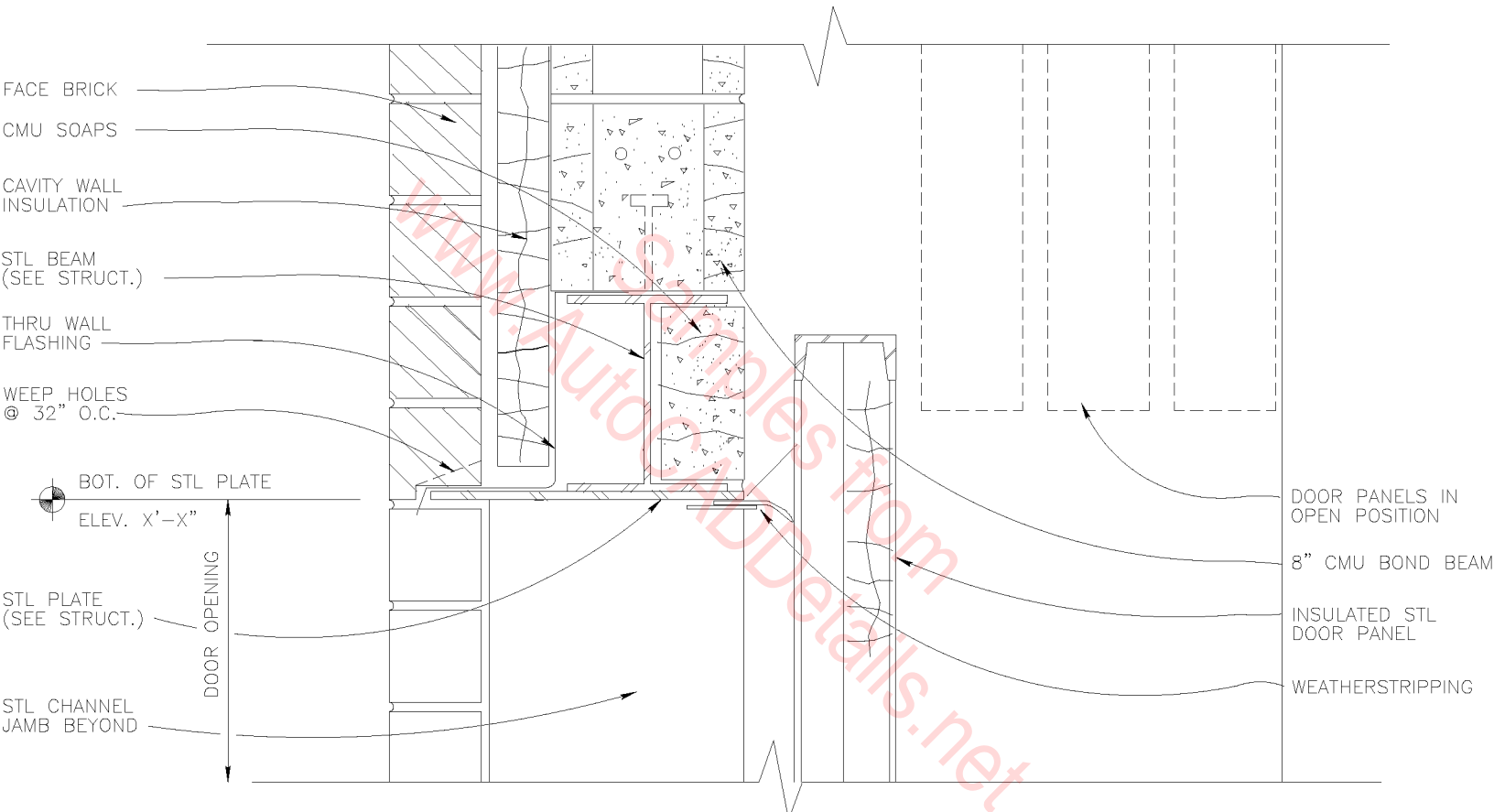




JAMB  
 SCALE : 3"=1'-0"

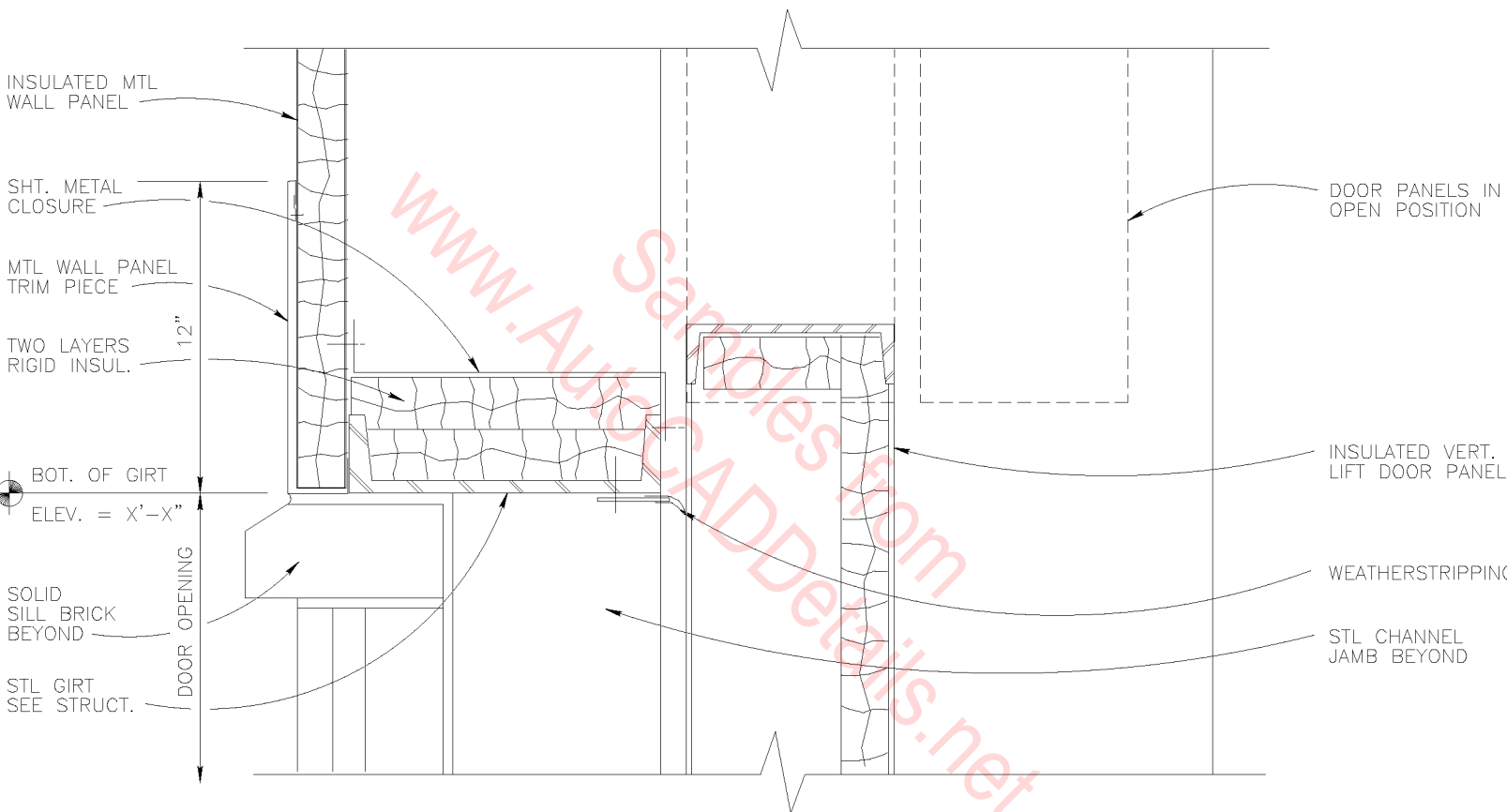




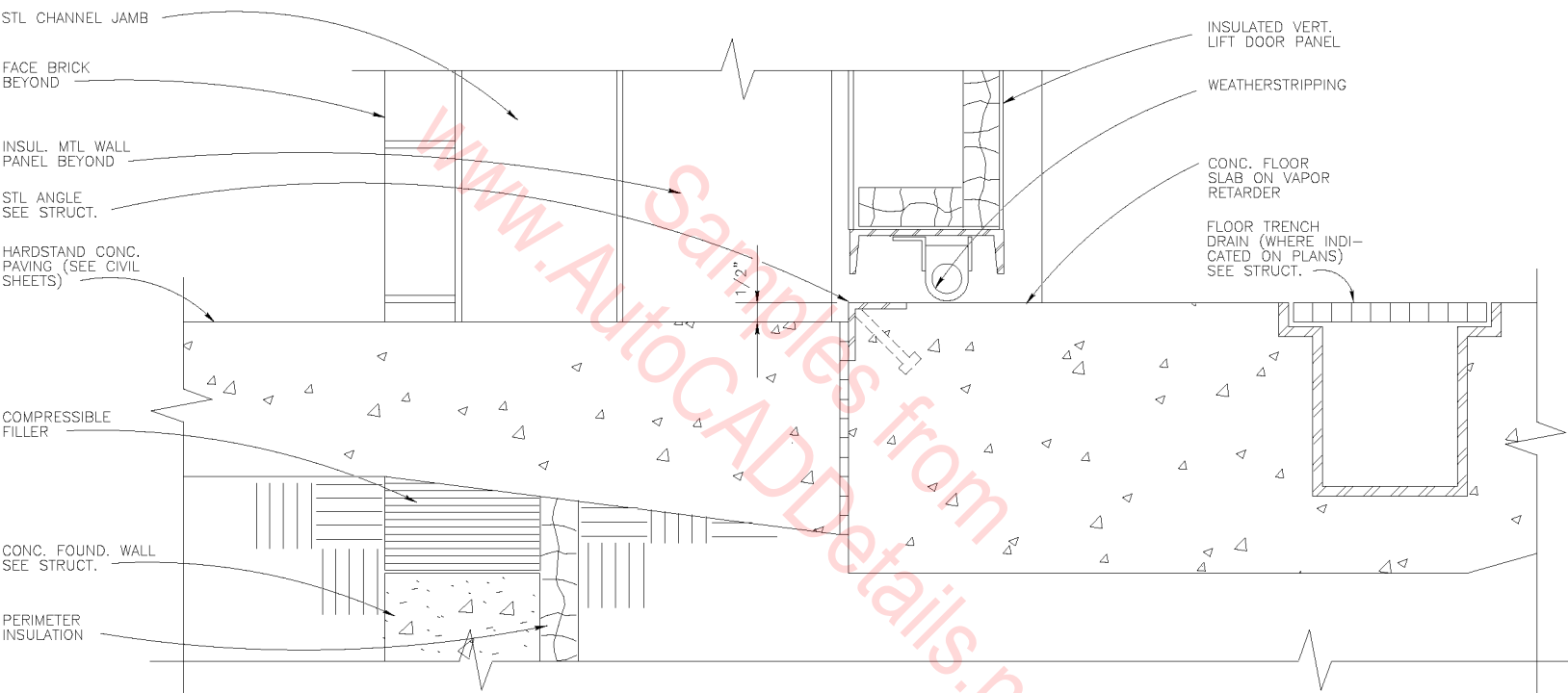


VERTICAL LIFT DOOR HEAD  
 SCALE : 3" = 1'-0"





VERT. LIFT DOOR HEAD  $\frac{X}{XIX}$   
 SCALE : 3"=1'-0"



FACE BRICK

CAVITY WALL INSULATION

6" CMU

STL CHANNEL  
(SEE STRUCT.)

INSULATED MTL  
WALL PANEL

INSULATED VERT. LIFT  
DOOR PANEL (TWO PANEL  
DOOR SHOWN- 3 PANEL &  
4 PANEL DOORS SIMILAR)

DOOR PANEL  
ABOVE

WEATHERSTRIPPING

INSULATED MTL  
WALL PANEL

SEALANT

SEALANT

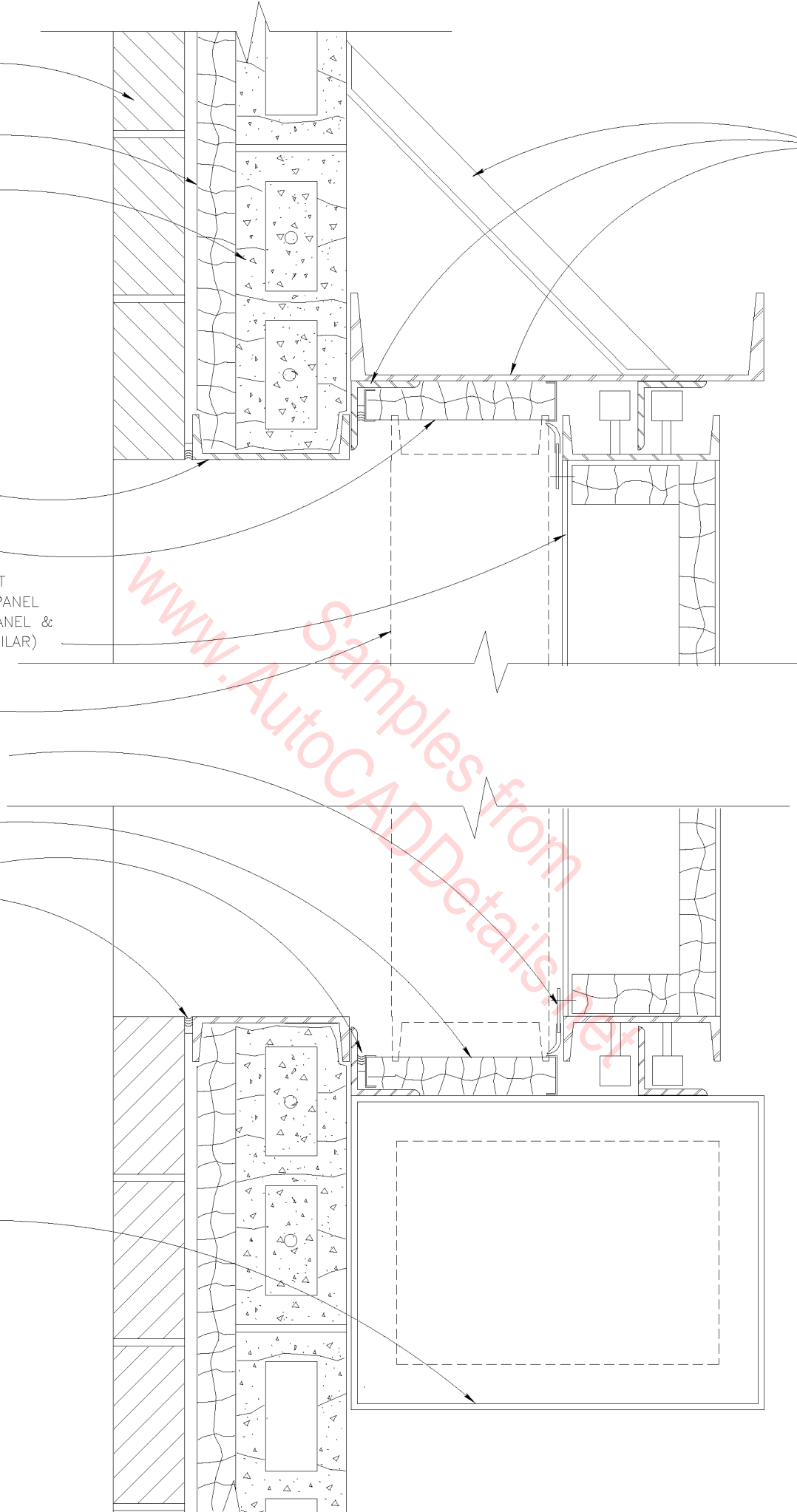
COUNTERWEIGHT  
FRAME

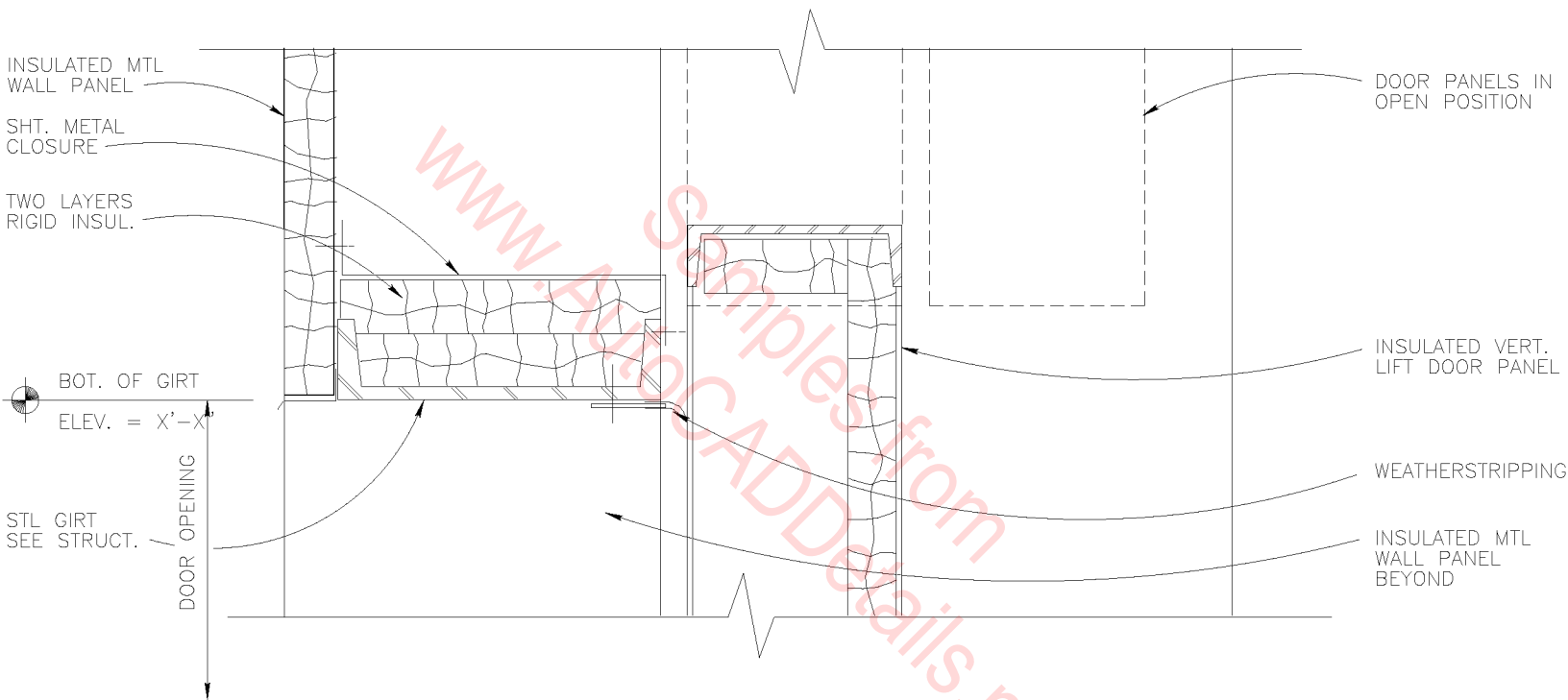
DOOR JAMB  
FRAMING MEMBERS  
(AS REQ'D BY  
DOOR MFR)

www.AutocADDetails.net

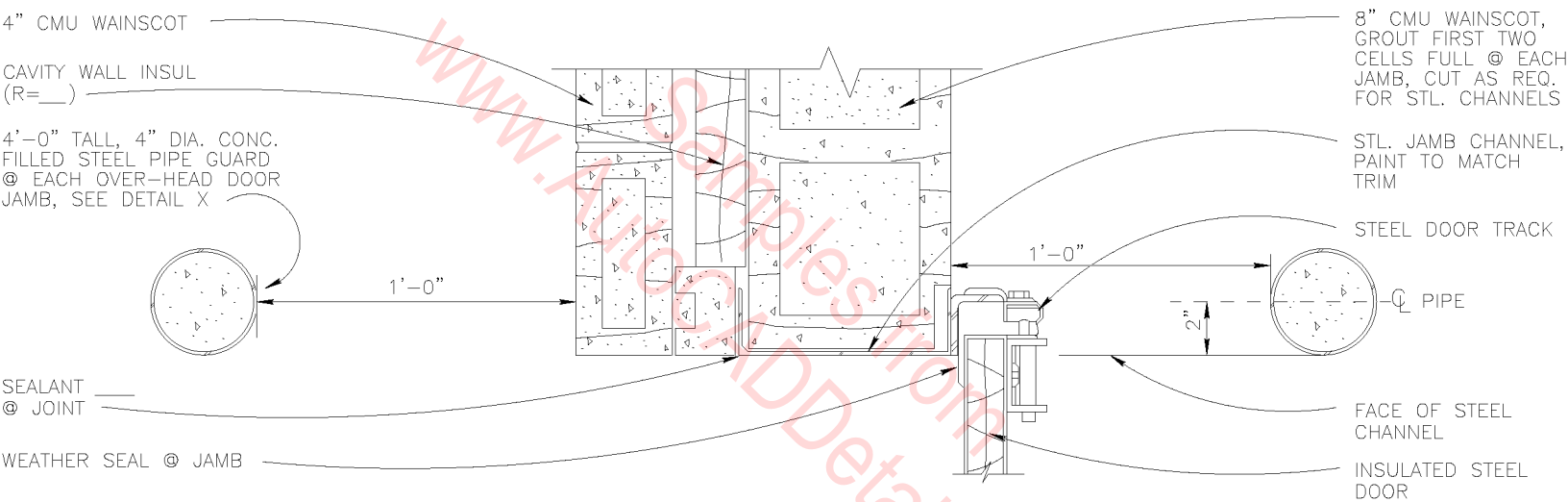
JAMB  
SCALE : 3"=1'-0"

X  
XIX

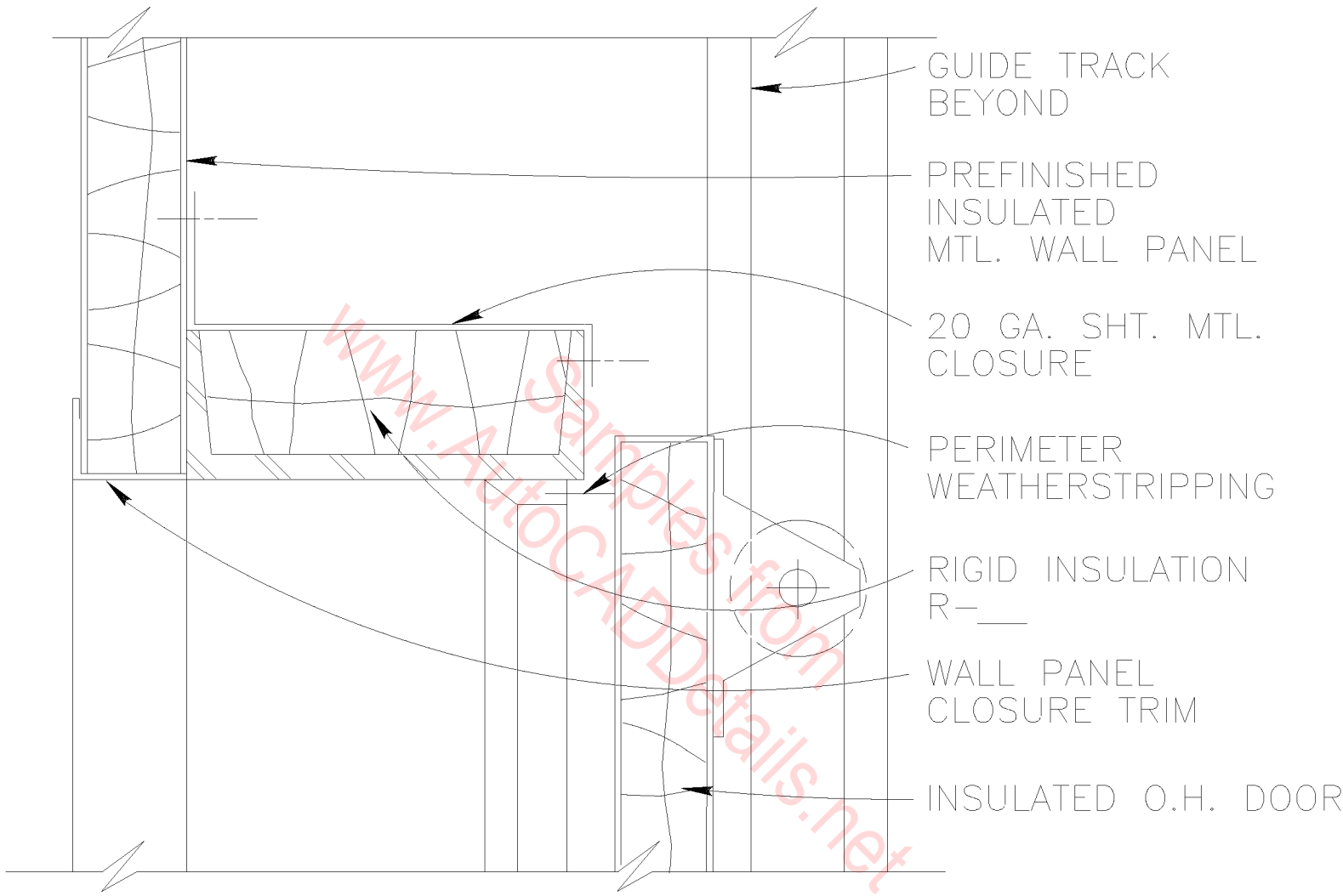




VERT. LIFT DOOR HEAD  $\frac{x}{x}$   
 SCALE : 3" = 1'-0"

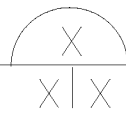


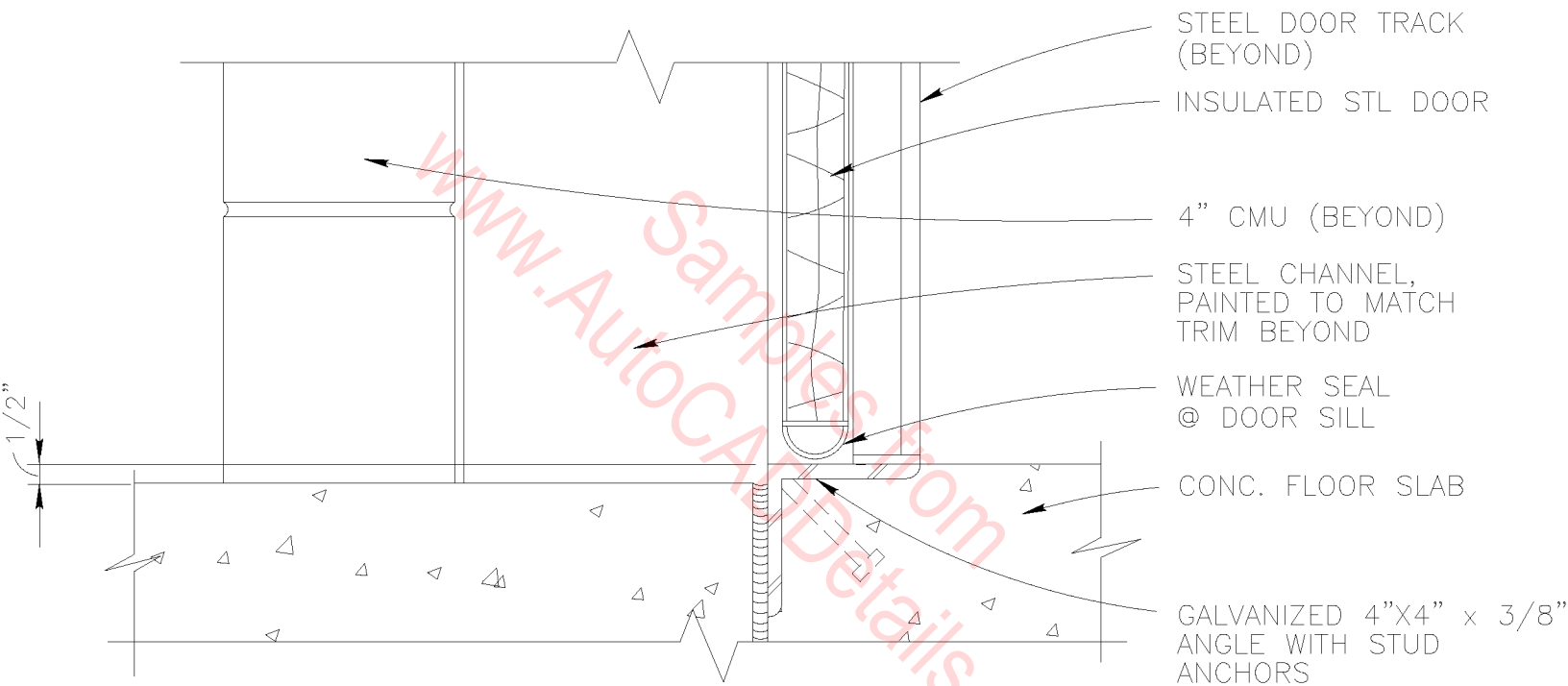
DOOR JAMB  
 SCALE : 3" = 1'-0"  
 XIX



# HEAD DETAIL

SCALE : 3" = 1'-0"

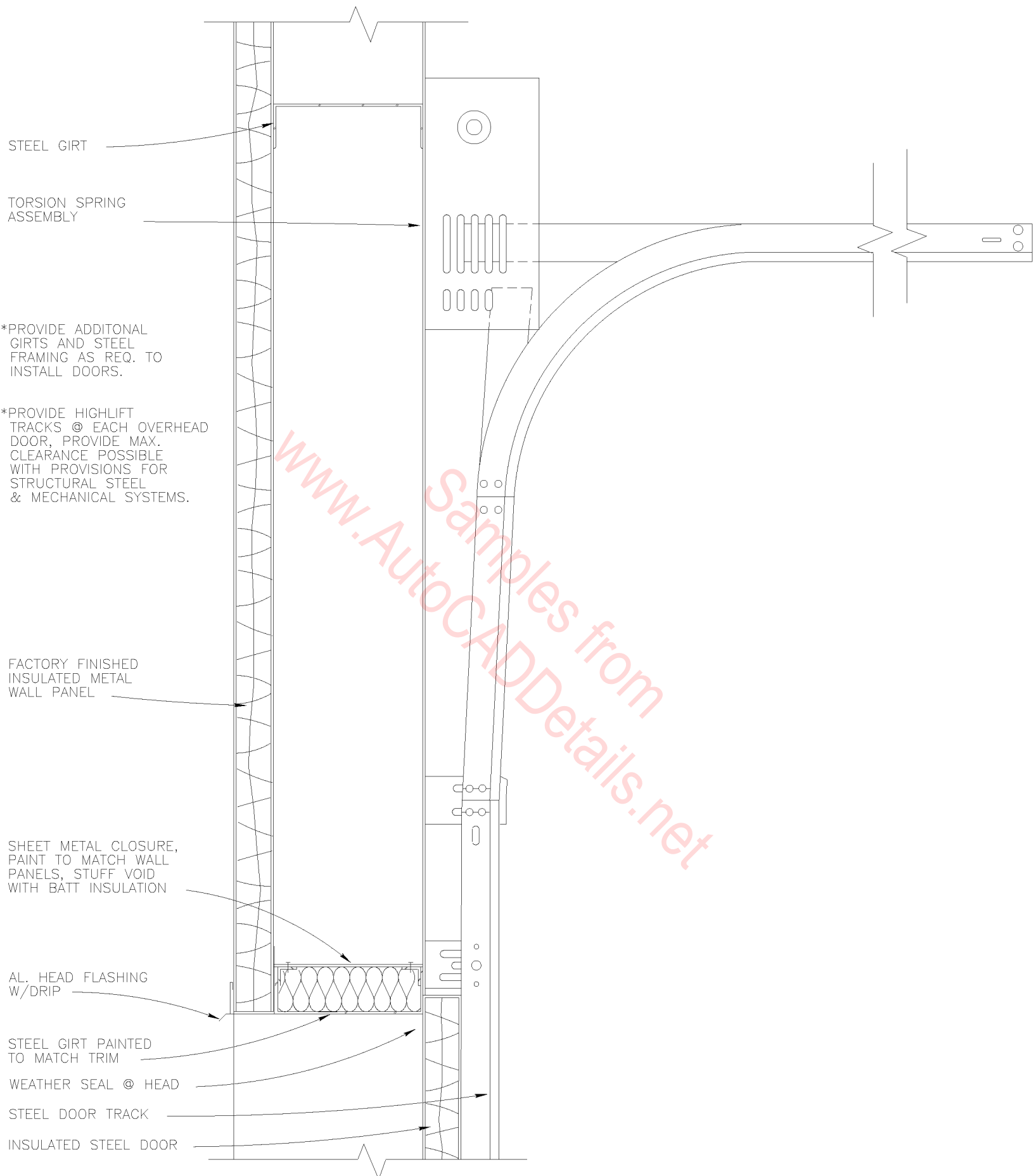




DOOR SILL  
 SCALE : 3"=1'-0"

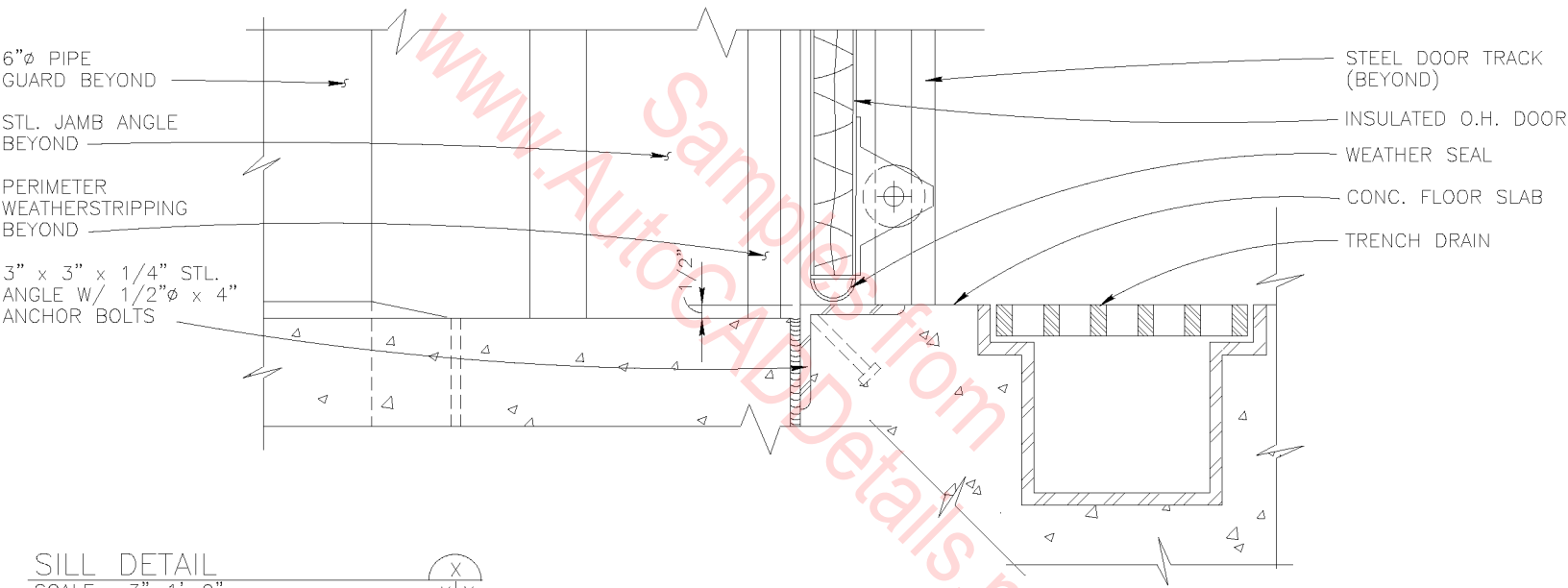




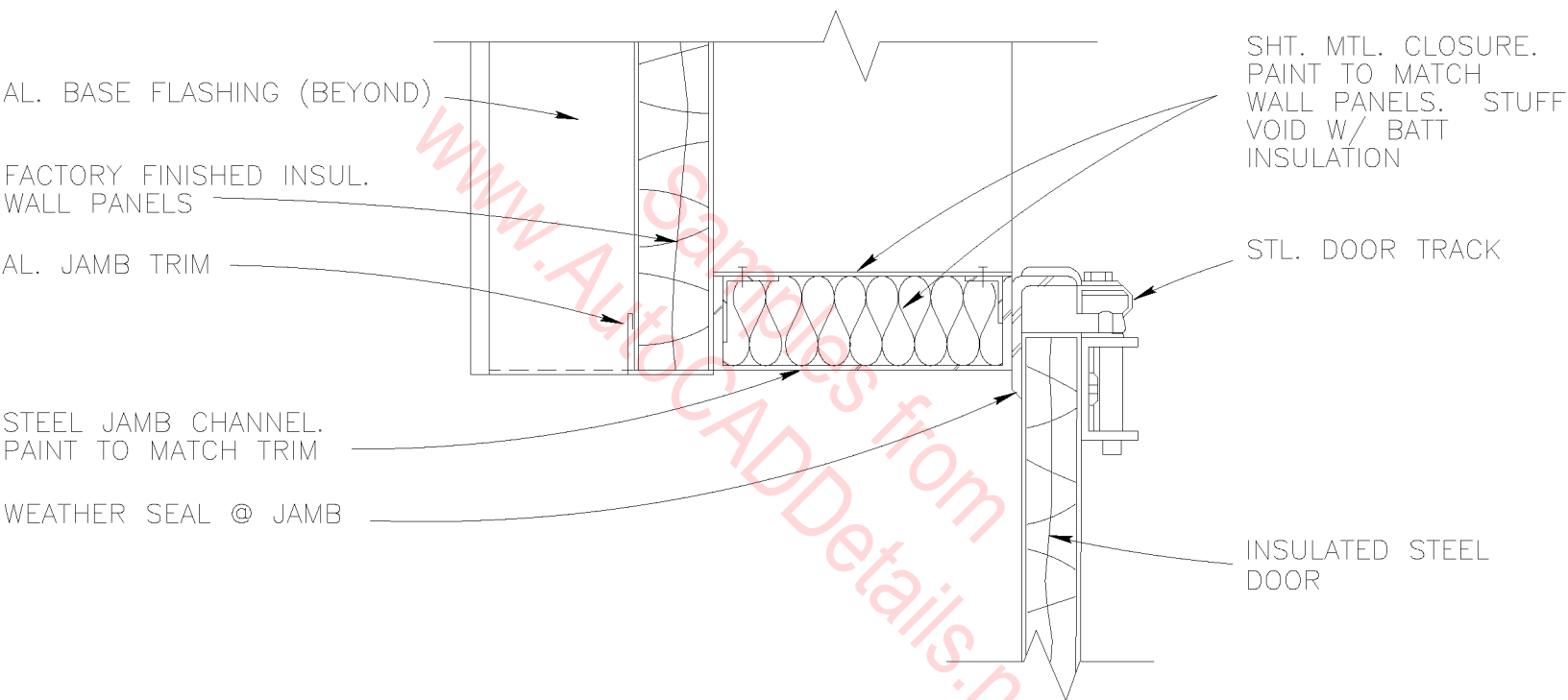


DOOR HEAD  
 SCALE : 3"=1'-0"





SILL DETAIL  
 SCALE : 3" = 1'-0"  
 X  
 XIX



DOOR JAMB  
 SCALE : 3" = 1'-0"



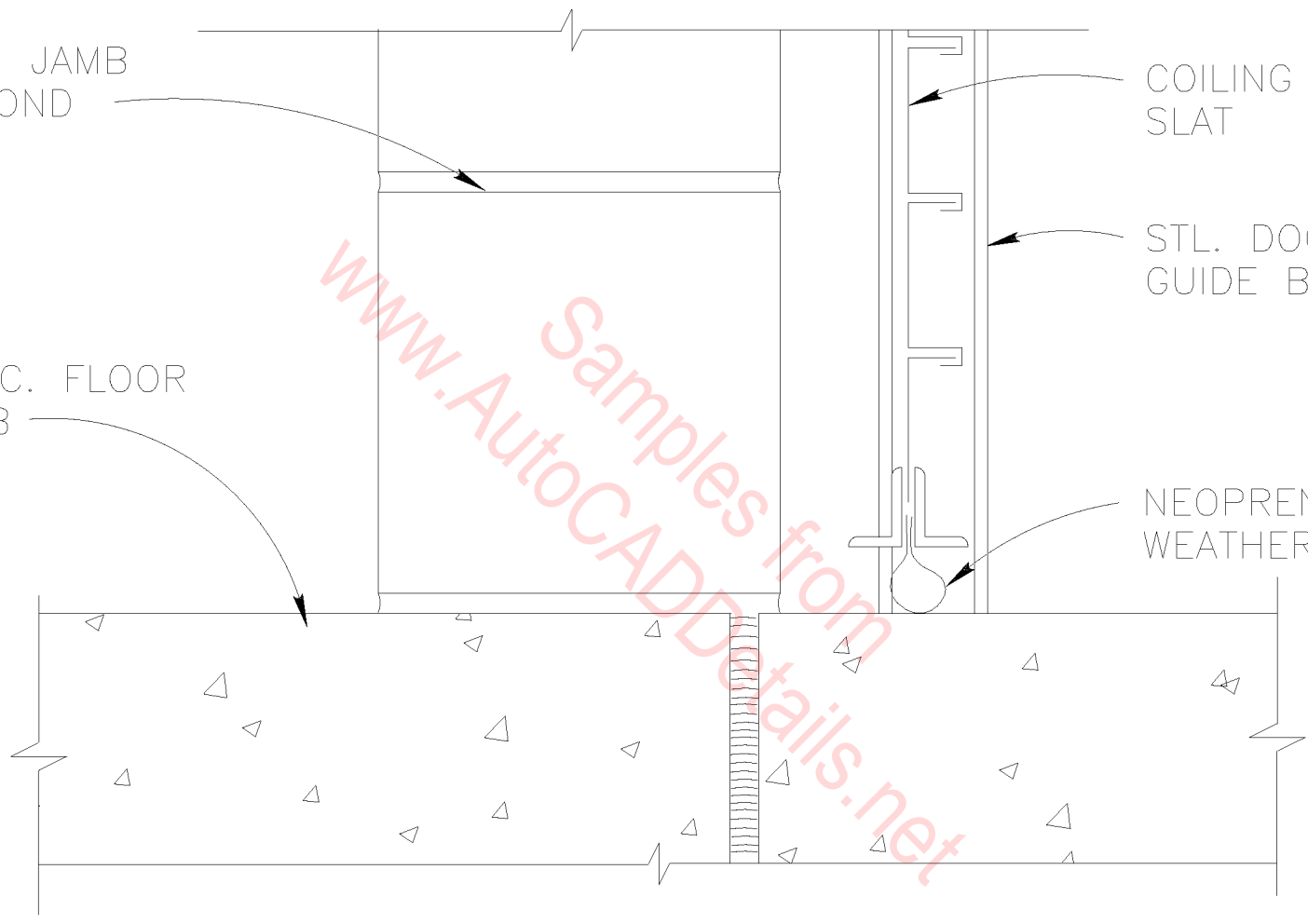
CMU JAMB  
BEYOND

COILING DOOR  
SLAT

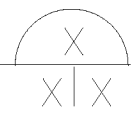
CONC. FLOOR  
SLAB

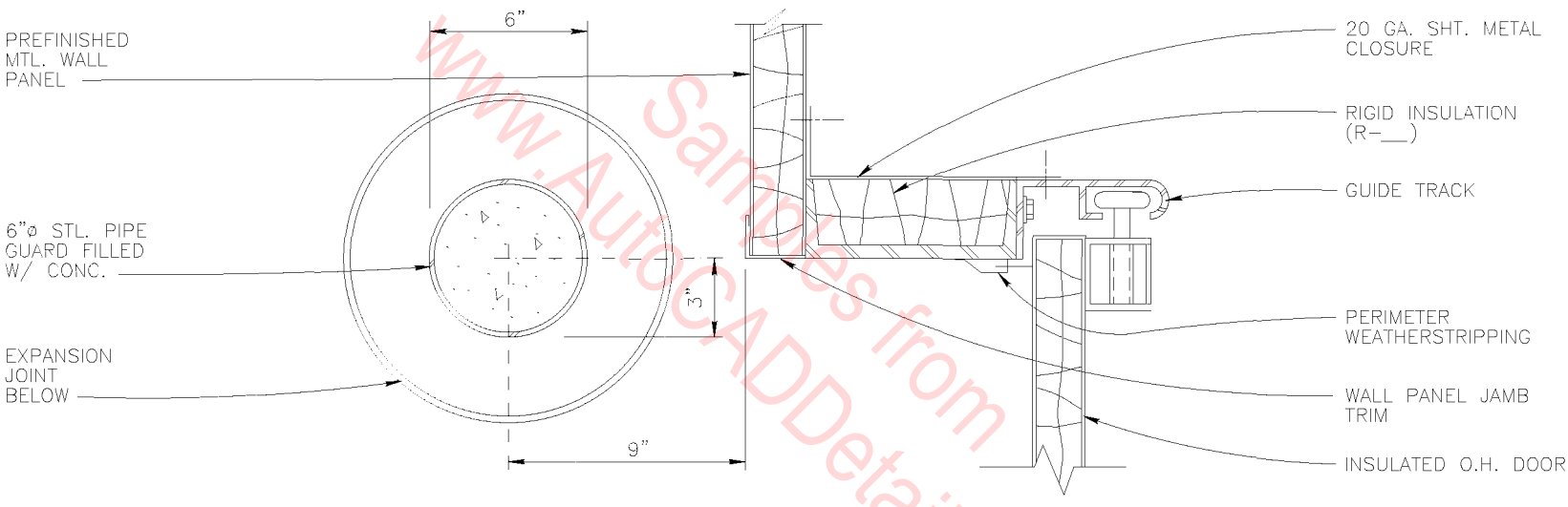
STL. DOOR  
GUIDE BEYOND

NEOPRENE  
WEATHERSTRIP



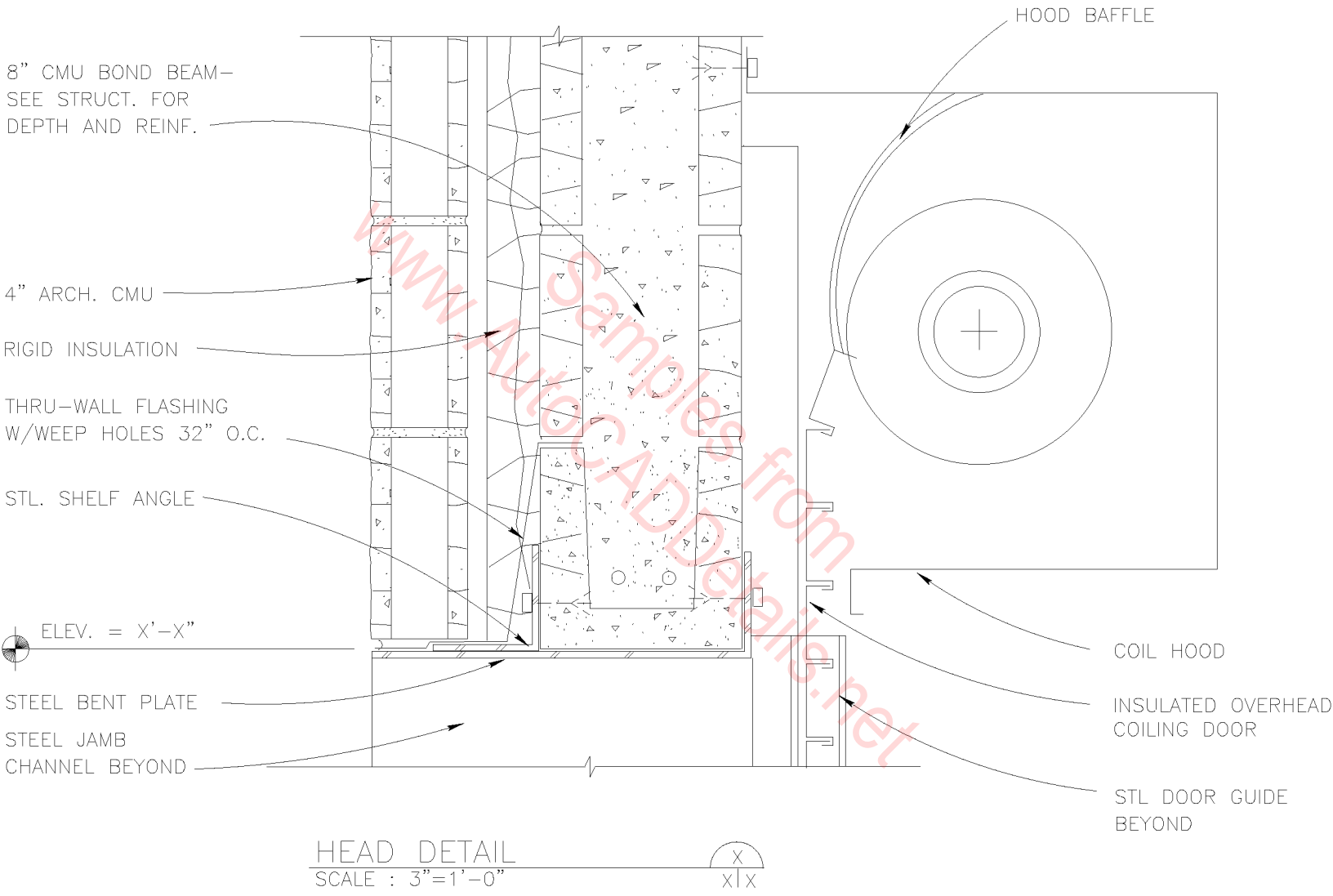
SILL  
SCALE : 3"=1'-0"





JAMB DETAIL  
 SCALE : 3"=1'-0"  
 X  
 X | X

www.AutocADDetails.net



INSULATED COILING  
DOOR

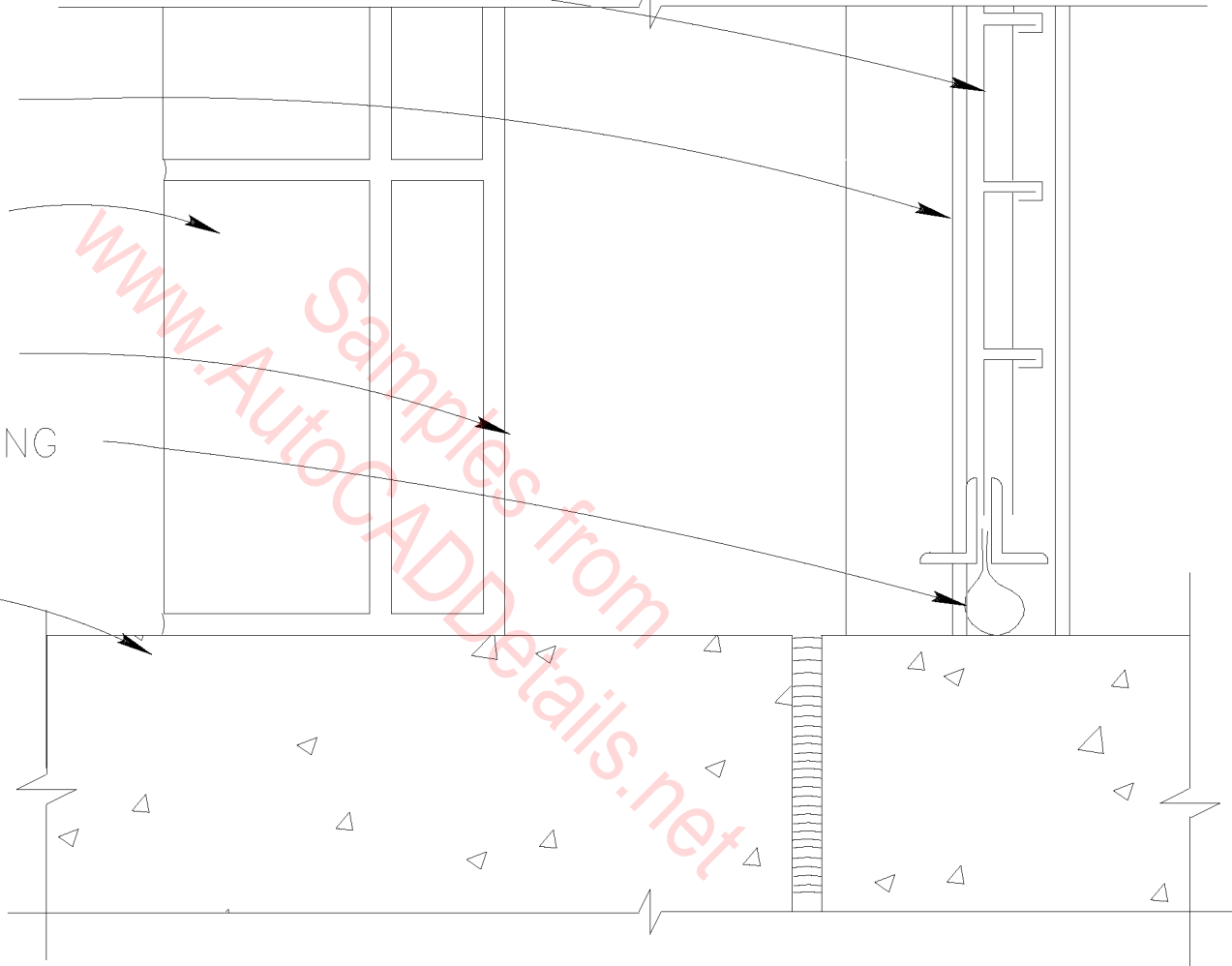
COILING DOOR  
TRACK BEYOND

BRICK BEYOND

STEEL COVER  
PLATE BEYOND

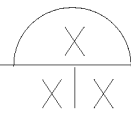
WEATHERSTRIPPING

CONC. FLOOR  
SLAB



SILL

SCALE : 3"=1'-0"

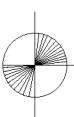


COILING DOOR

COILING DOOR  
TRACK BEYOND

WEATHERSTRIPPING

CMU BEYOND



TOP OF CONC.  
ELEV. = X'-X"

STEEL POUR  
STOP

CONC. FLOOR SLAB  
ON STEEL DECK  
(SEE STRUCT.)

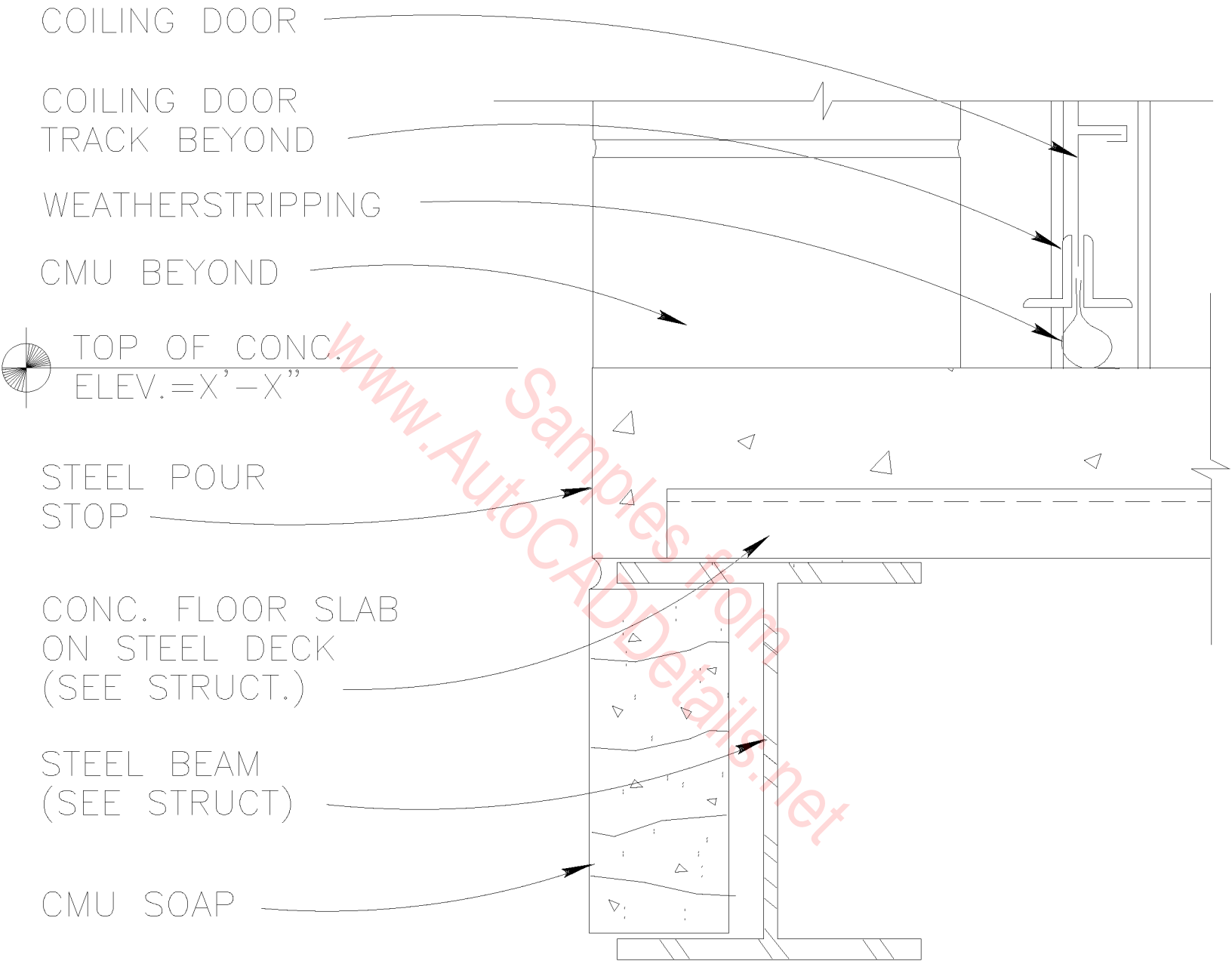
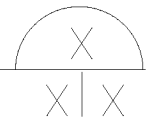
STEEL BEAM  
(SEE STRUCT)

CMU SOAP

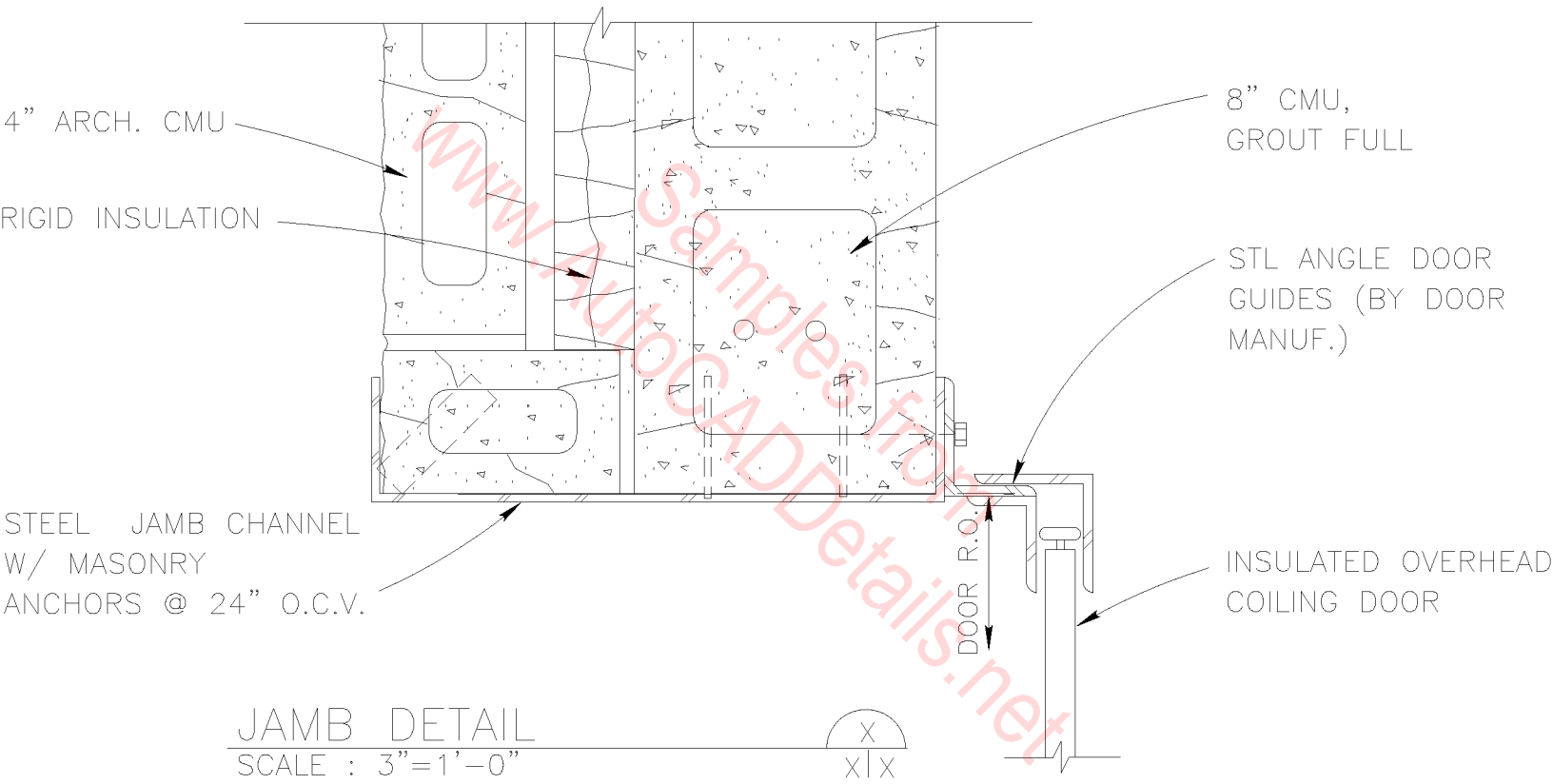
www.AutocADDetails.net

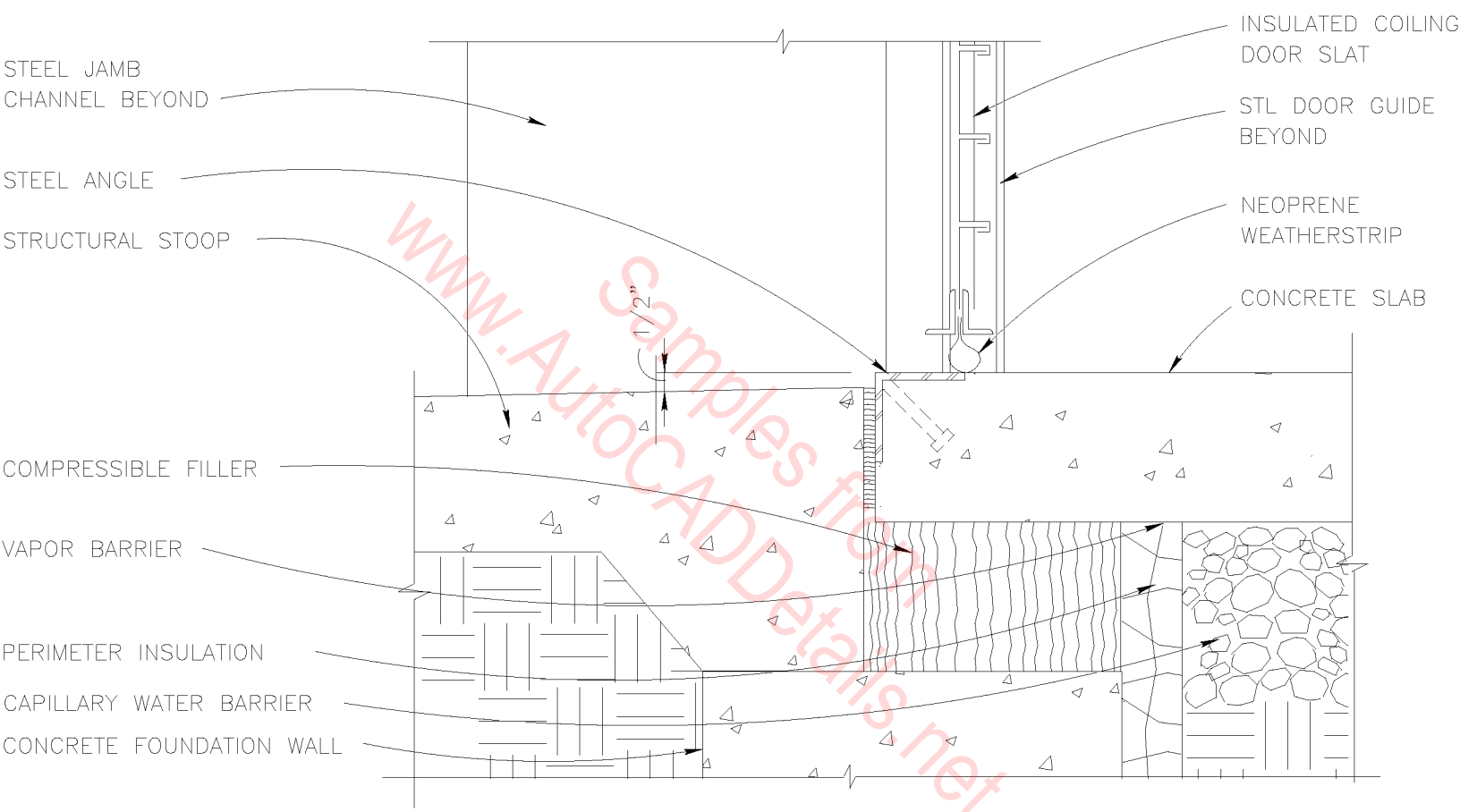
SILL

SCALE : 3" = 1'-0"



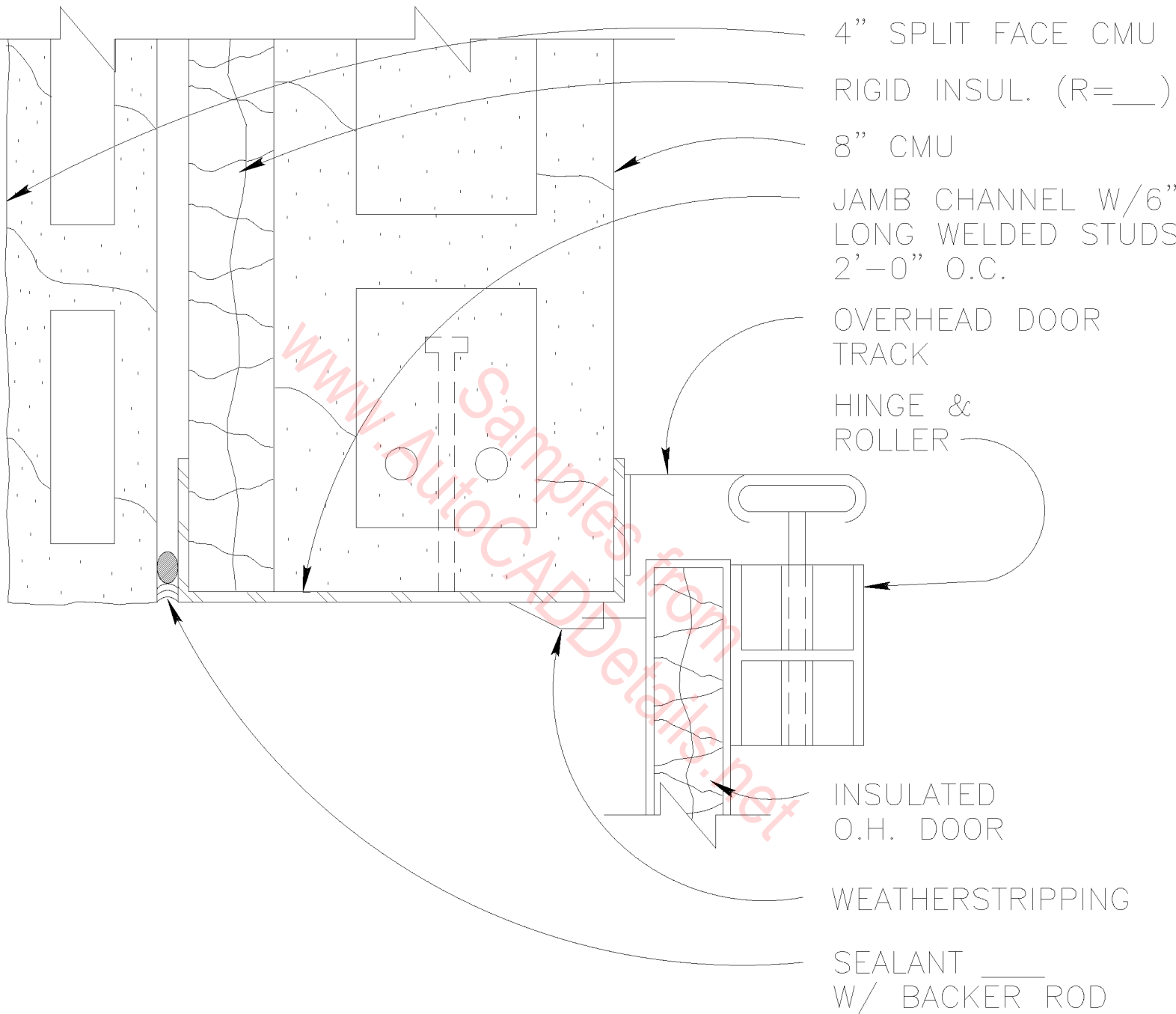






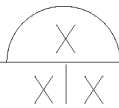
SILL DETAIL  
 SCALE : 3" = 1'-0"

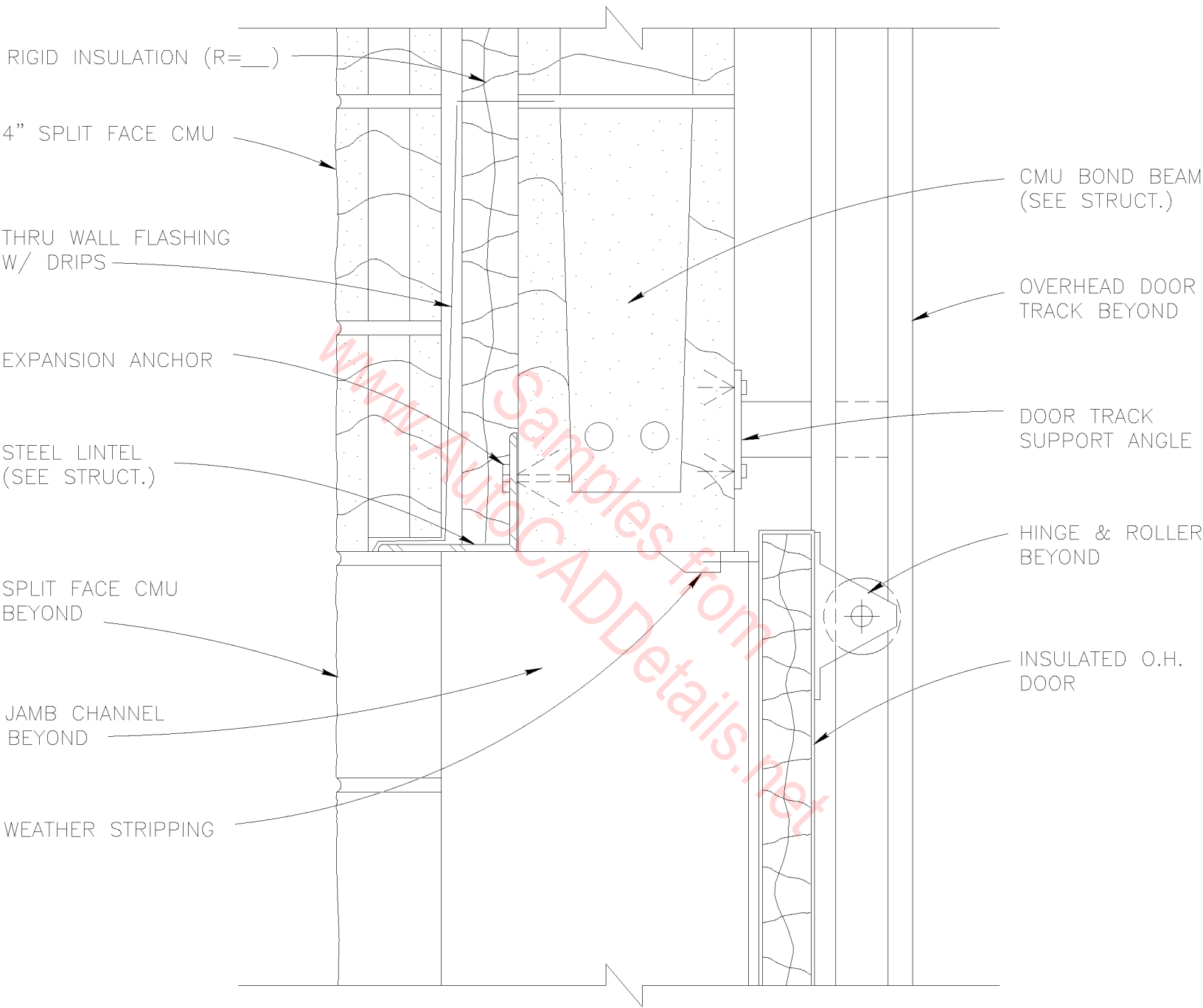




JAMB DETAIL

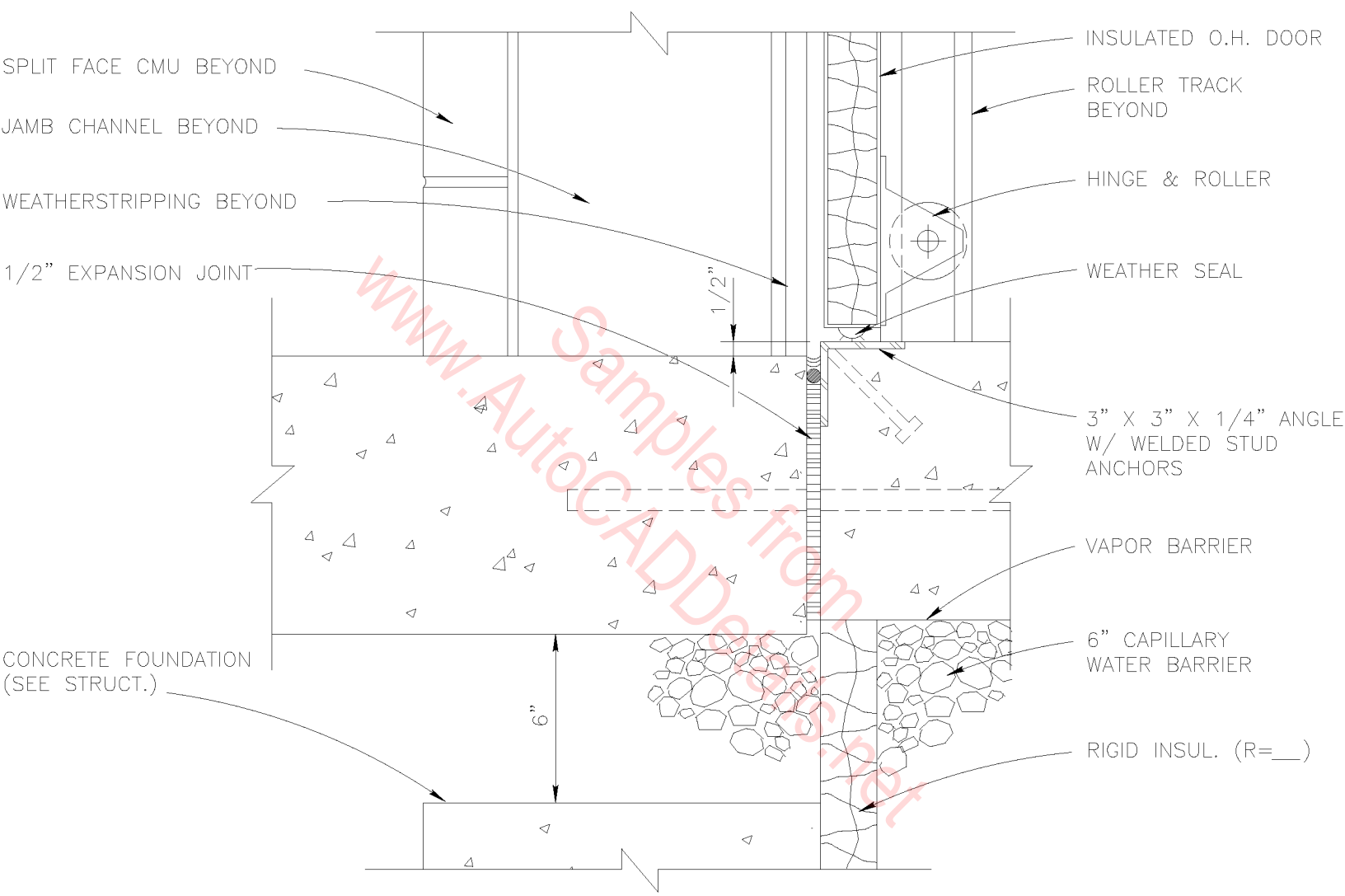
SCALE : 3"=1'-0"





HEAD DETAIL  
 SCALE : 3"=1'-0"

X  
 XIX



SPLIT FACE CMU BEYOND  
 JAMB CHANNEL BEYOND  
 WEATHERSTRIPPING BEYOND  
 1/2" EXPANSION JOINT

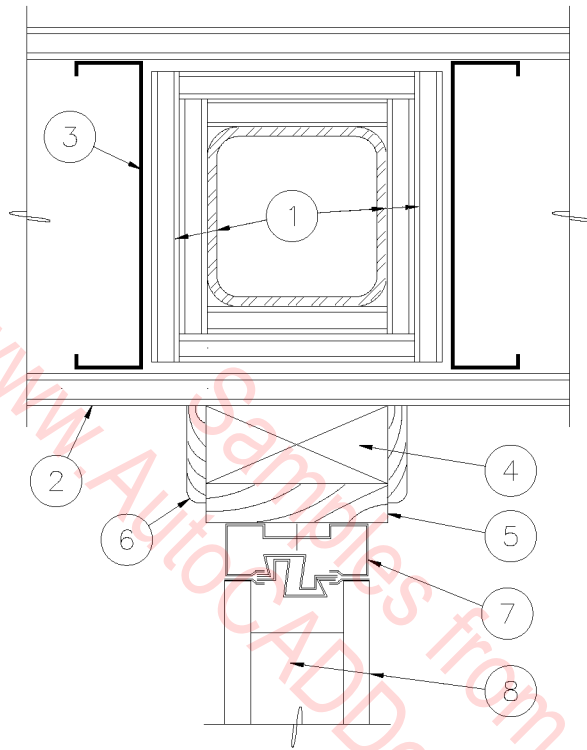
INSULATED O.H. DOOR  
 ROLLER TRACK BEYOND  
 HINGE & ROLLER  
 WEATHER SEAL

3" X 3" X 1/4" ANGLE  
 W/ WELDED STUD  
 ANCHORS

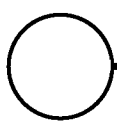
VAPOR BARRIER  
 6" CAPILLARY  
 WATER BARRIER  
 RIGID INSUL. (R=\_\_\_)

CONCRETE FOUNDATION  
 (SEE STRUCT.)

SILL DETAIL  
 SCALE : 3"=1'-0"  
 X  
 X|X



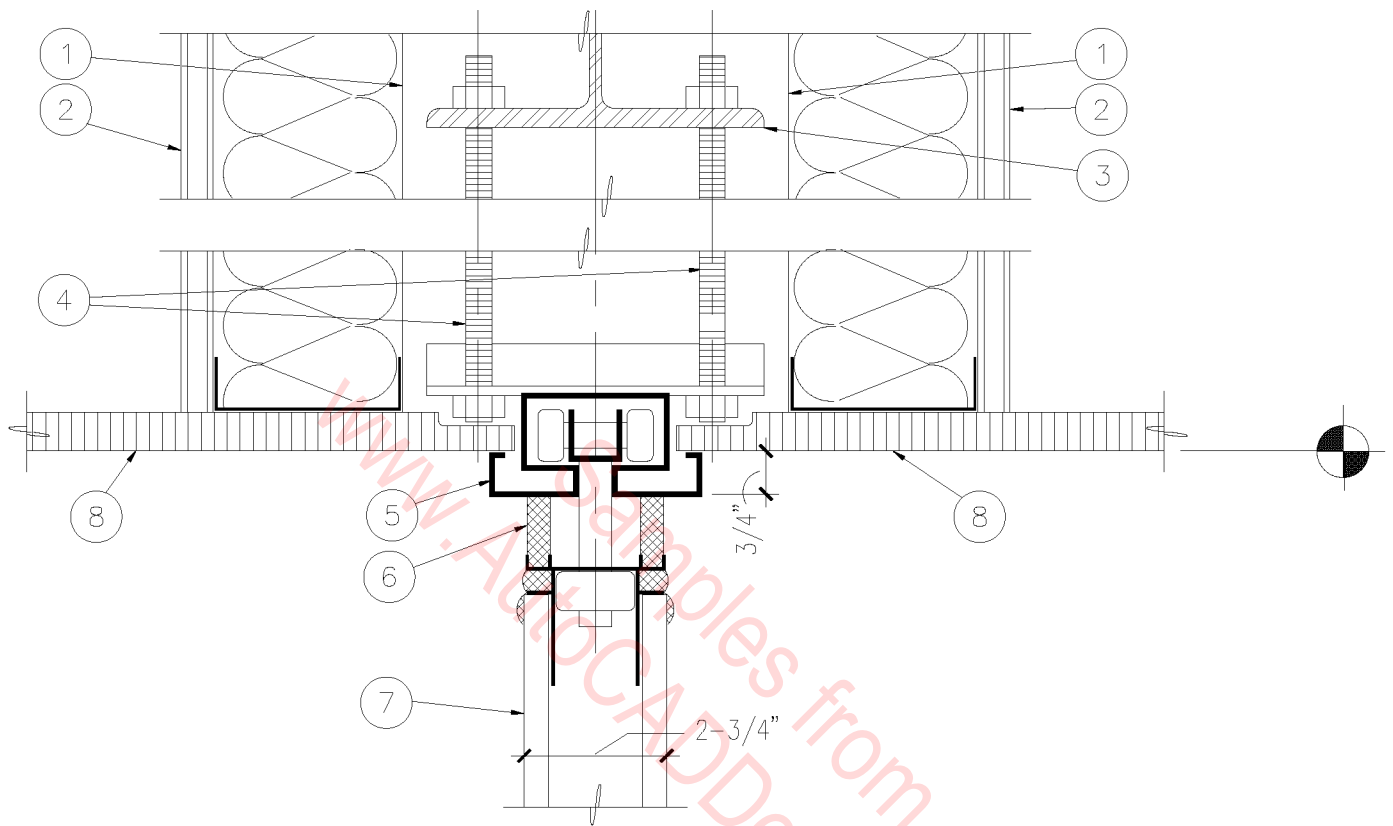
1. 1 HOUR STRUCTURAL COLUMN.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. 6" METAL STUDS.
4. 2 X 4 BLOCKING CONTINUOUS.
5. 3/4" X 3-1/2" FINISHED WOOD TRIM.
6. WOOD CASING TRIM.
7. OPERABLE PARTITION LEAD JAMB WITH VERTICAL ASTRAGAL AND SOUND SEALS.
8. OPERABLE PARTITION PANEL.



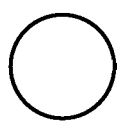
## PARTITION LOCK

3" = 1'-0"

08A-6001



1. 3-5/8" METAL STUDS AT 16" O.C. ATTACHED TO STRUCTURE ABOVE. 3-1/2" BATT INSULATION FULL HEIGHT BOTH SIDES TO BOTTOM OF STRUCTURE.
2. 5/8" TYPE 'X' GYPSUM BOARD TO BOTTOM OF STRUCTURE.
3. STRUCTURAL BEAM.
4. THREADED RODS.
5. PARTITION TRACK.
6. SOUND SEAL.
7. OPERABLE PARTITION.
8. ACOUSTICAL CEILING.



## OPERABLE PARTITION

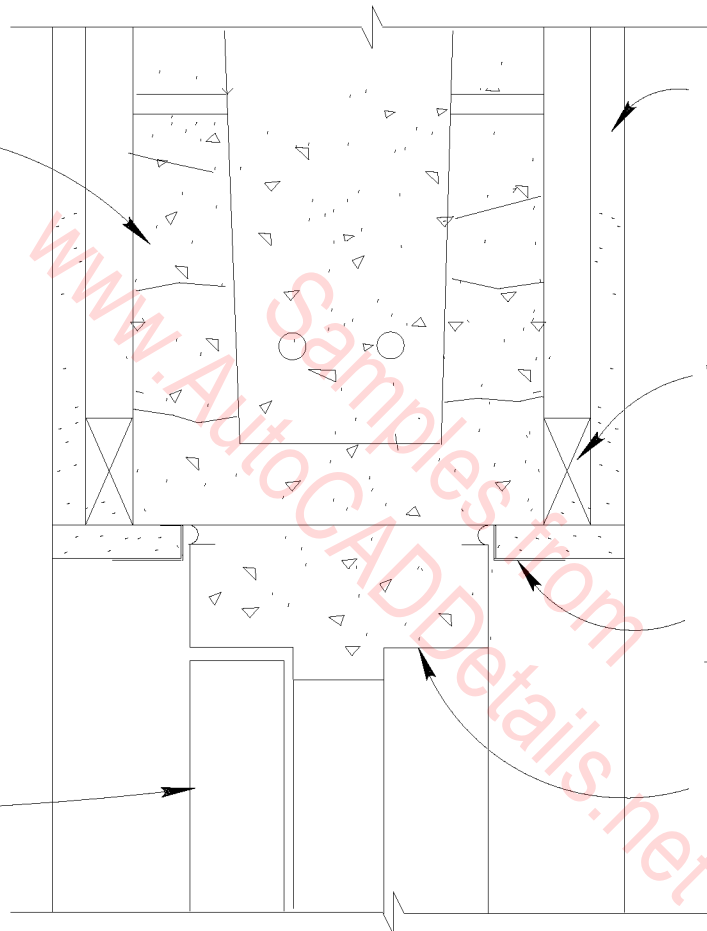
3" = 1'-0"

08A-6002

8" CMU LINTEL  
(SEE STRUCT.  
FOR DEPTH AND  
REINFORCING)

BOT. OF LINTEL  
ELEV. = X'-X"

H.M. DOOR



5/8" GWB ON 7/8" MTL  
FURRING CHANNELS  
(ON ONE OR BOTH  
SIDES, SEE ROOM  
FINISH SCHEDULE)

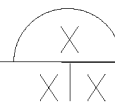
WOOD BLOCKING

MTL 'J' CHANNEL,  
TYPICAL

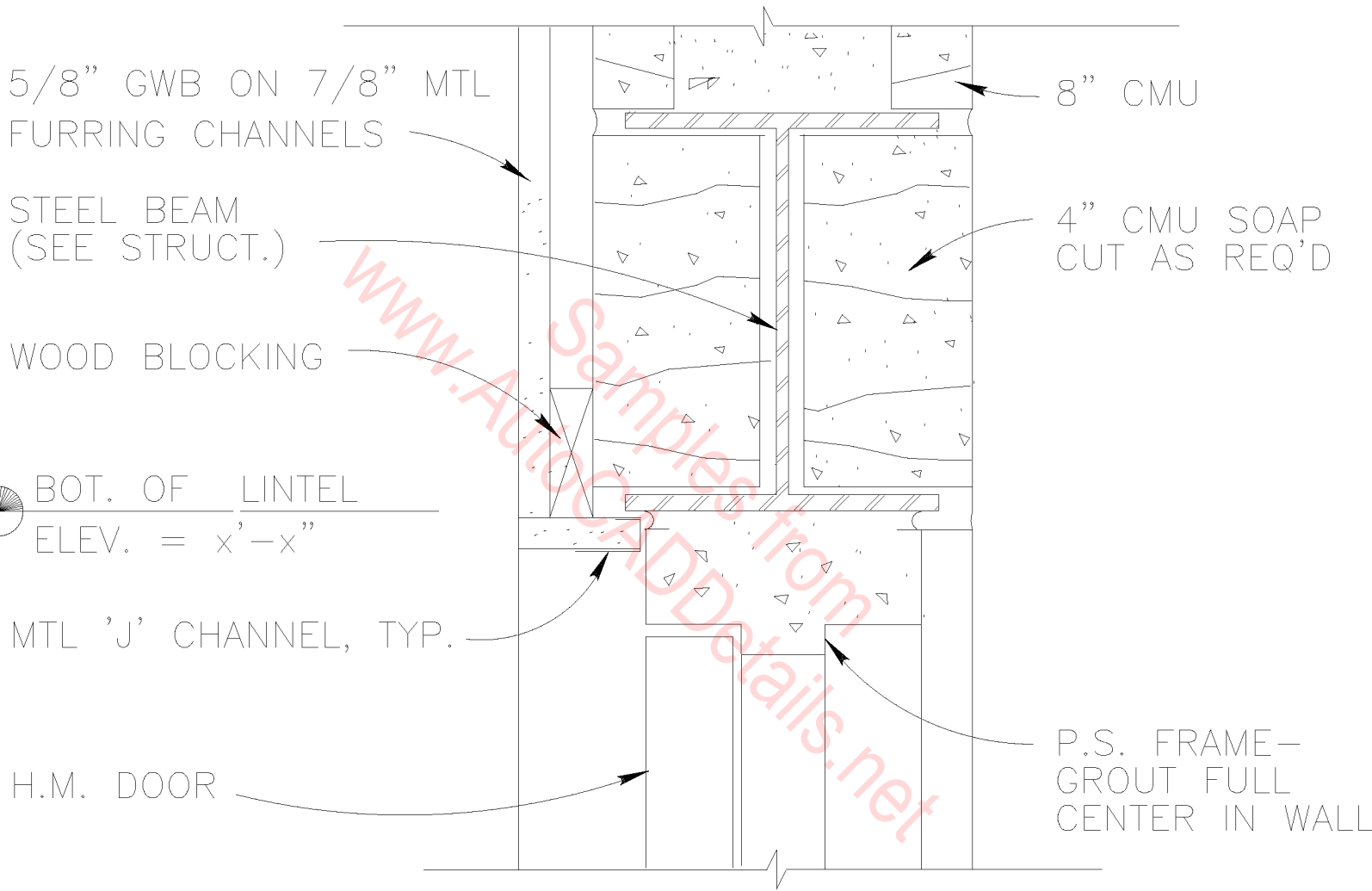
P.S. FRAME -  
GROUT FULL

HEAD DETAIL

SCALE : 3" = 1'-0"

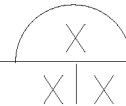


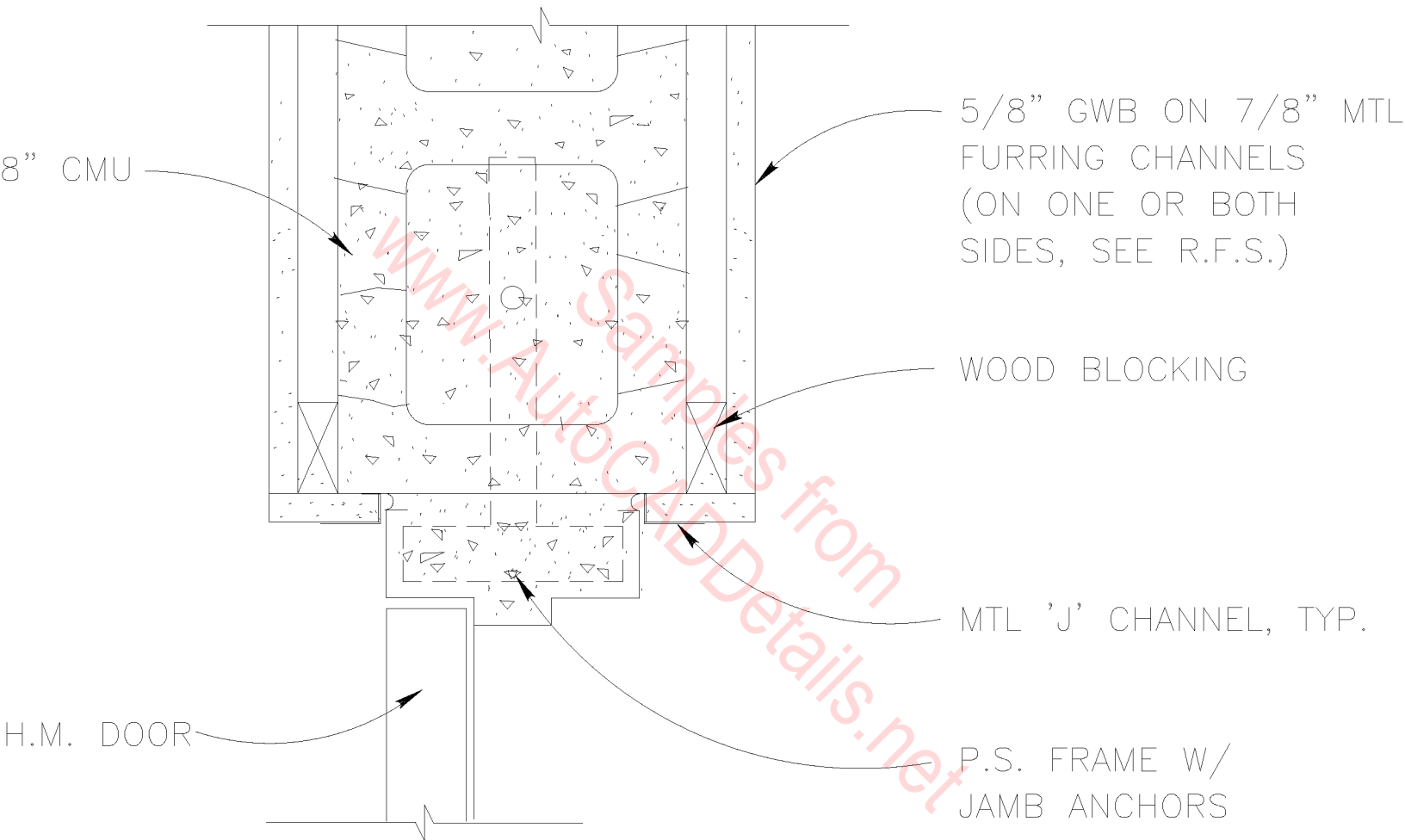




HEAD DETAIL

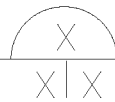
SCALE : 3" = 1'-0"

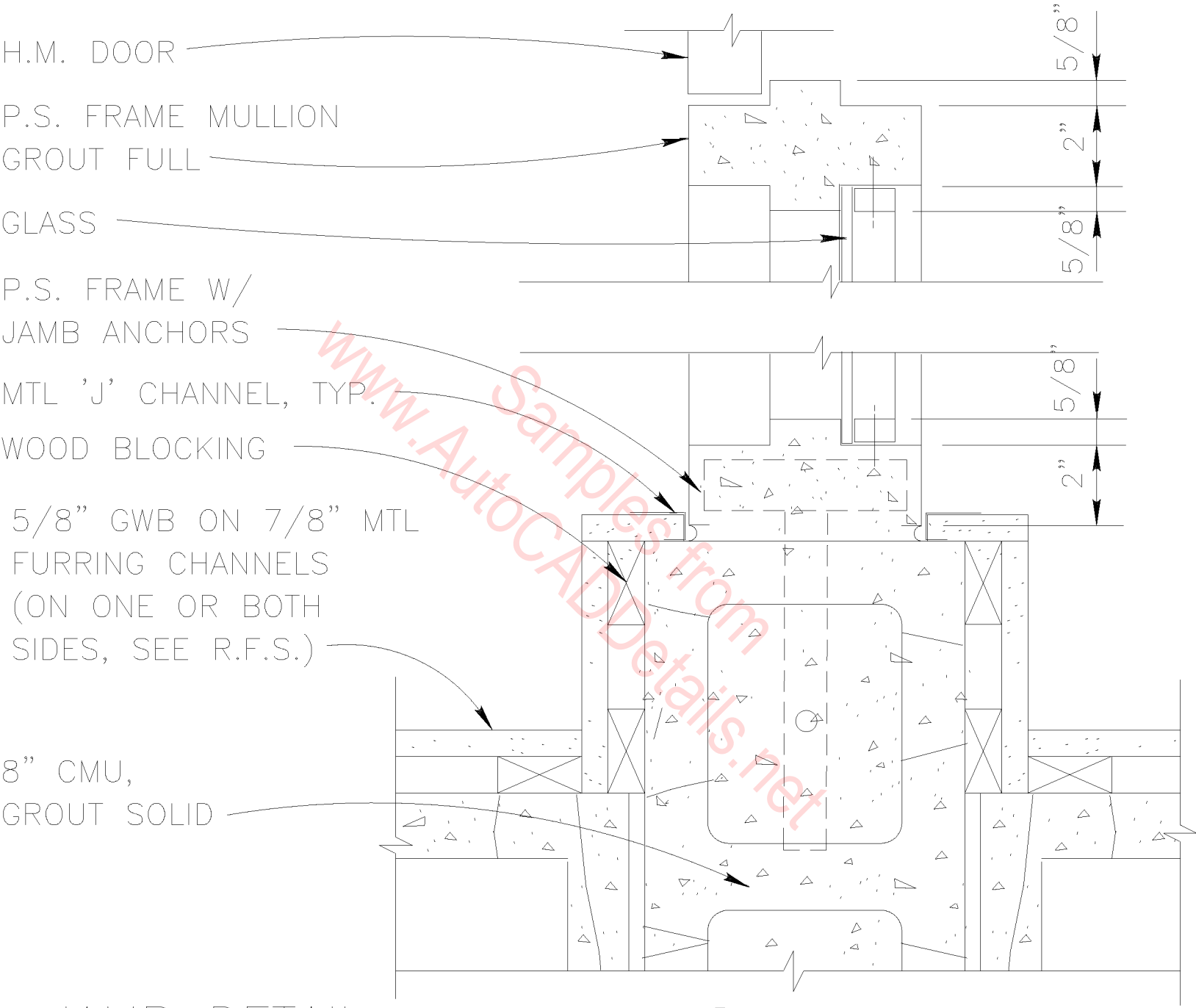




JAMB DETAIL

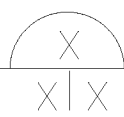
SCALE : 3"=1'-0"

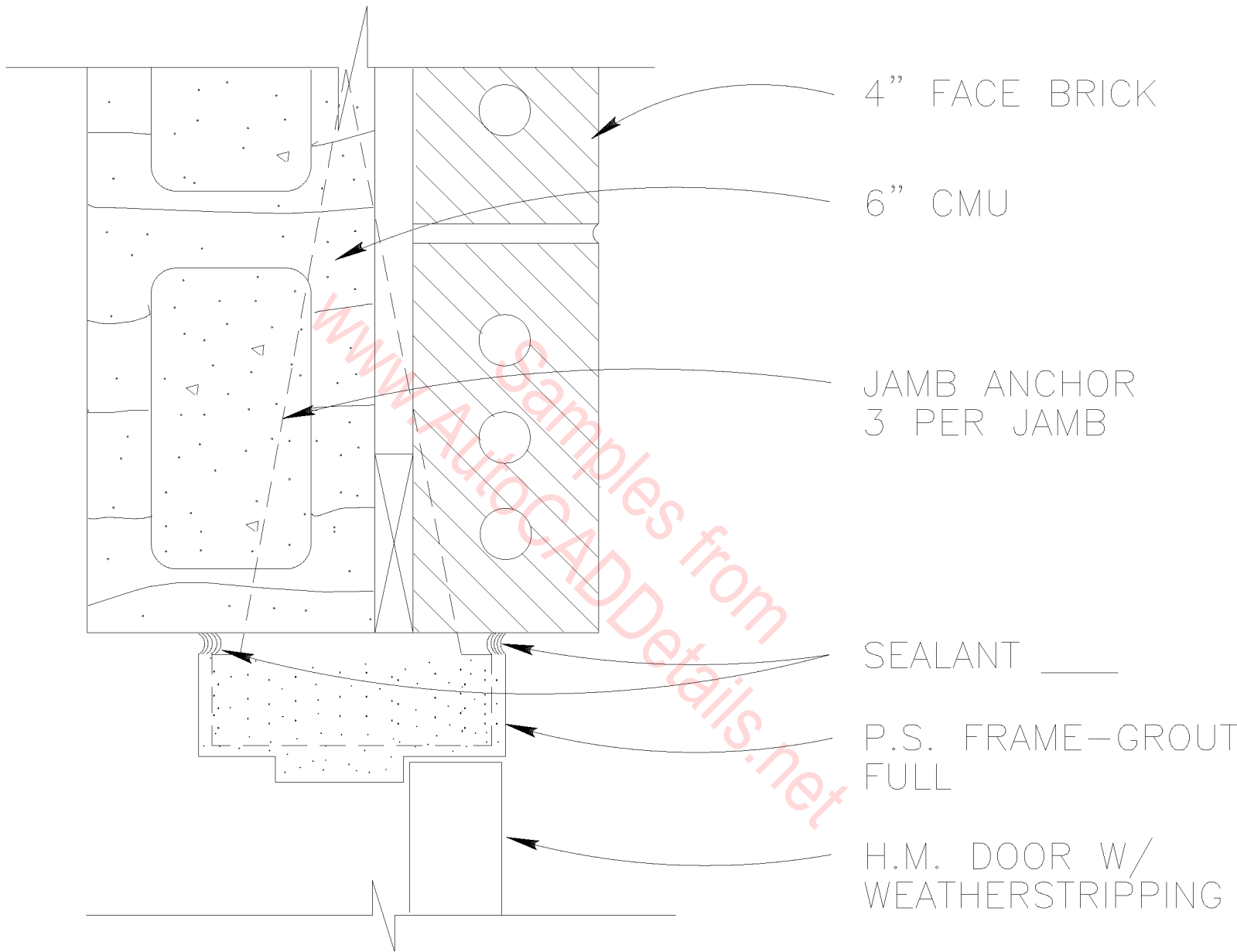




JAMB DETAIL

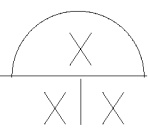
SCALE : 3"=1'-0"

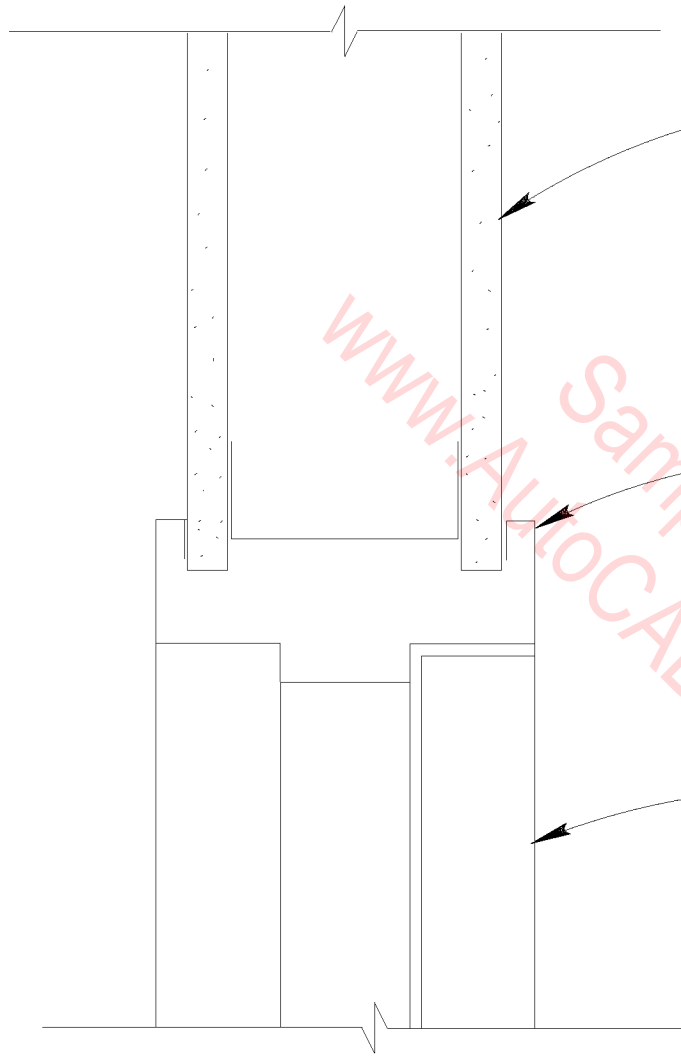




JAMB

SCALE : 3" = 1'-0"





4" STL STUDS W/  
5/8" GWB EA. SIDE

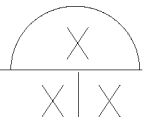
P. S. FRAME

H.M. OR WD DOOR  
AS SCHEDULED

www.AutoCADDetails.net  
Samples from

HEAD

SCALE : 3" = 1'-0"



CERAMIC TILE ON  
GLASS MESH  
MORTAR UNITS

www.ArchCADDetails.net

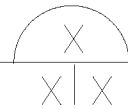
4" STL STUDS W/  
5/8" GWB EA. SIDE

P. S. FRAME

H.M. DOOR

HEAD

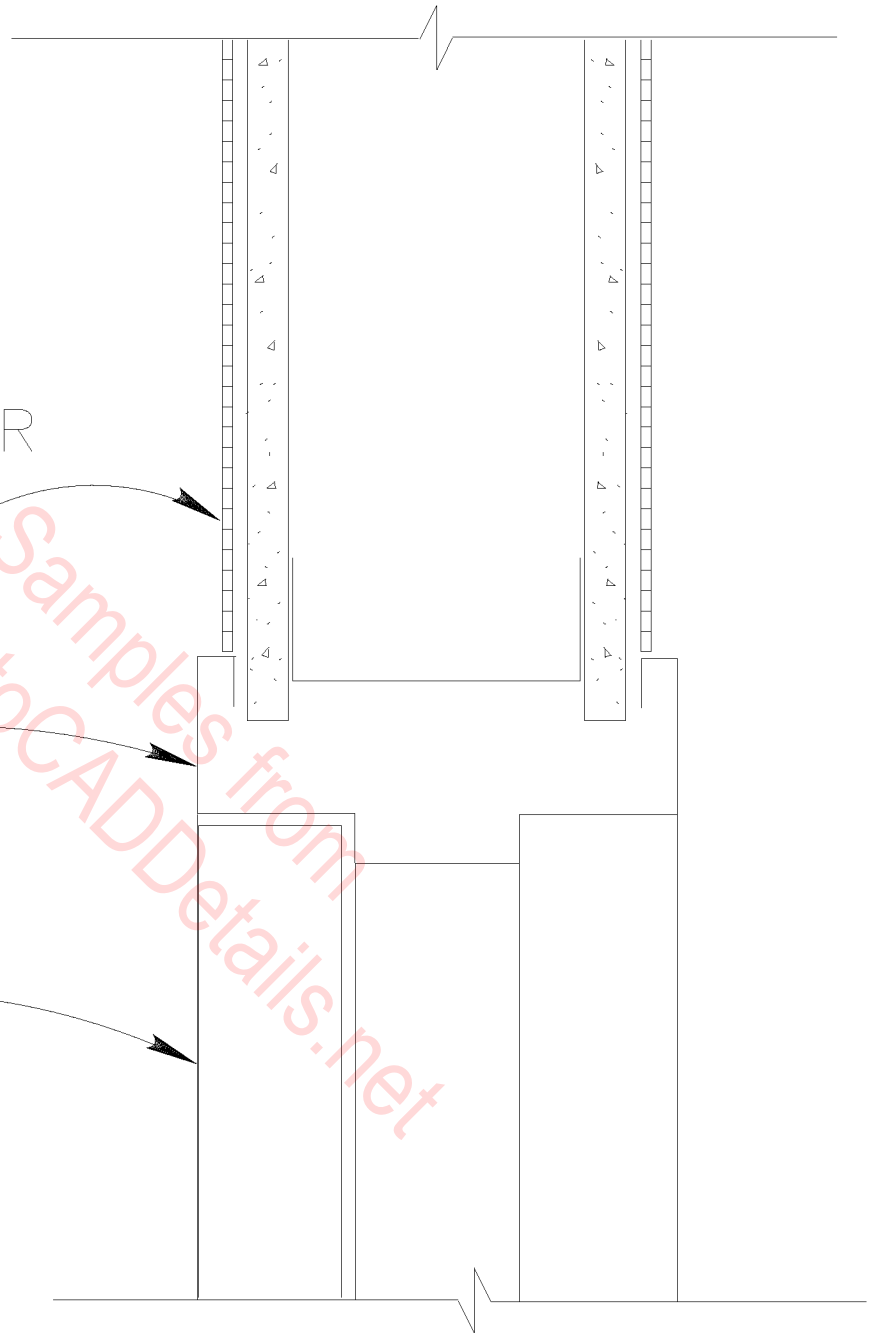
SCALE : 3"=1'-0"



CERAMIC TILE ON  
GLASS MESH MORTAR  
UNITS, BOTH SIDES

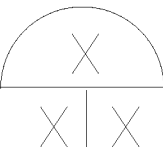
P. S. FRAME

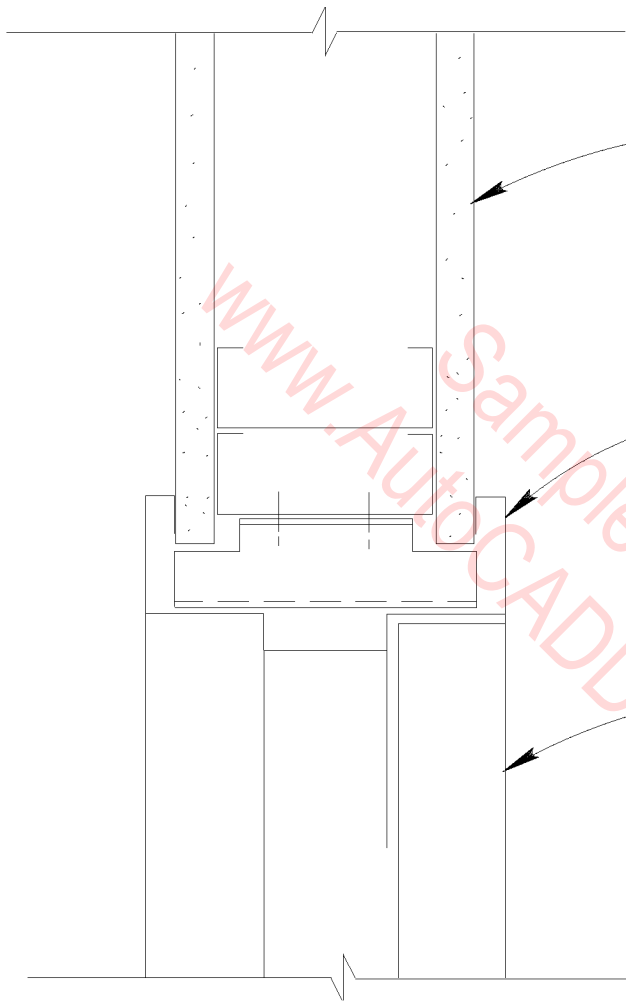
H.M. DOOR



HEAD

SCALE : 3'' = 1' - 0''





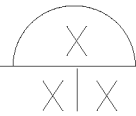
4" STL STUDS W/  
5/8" GWB EA. SIDE

P. S. FRAME W/  
JAMB ANCHORS

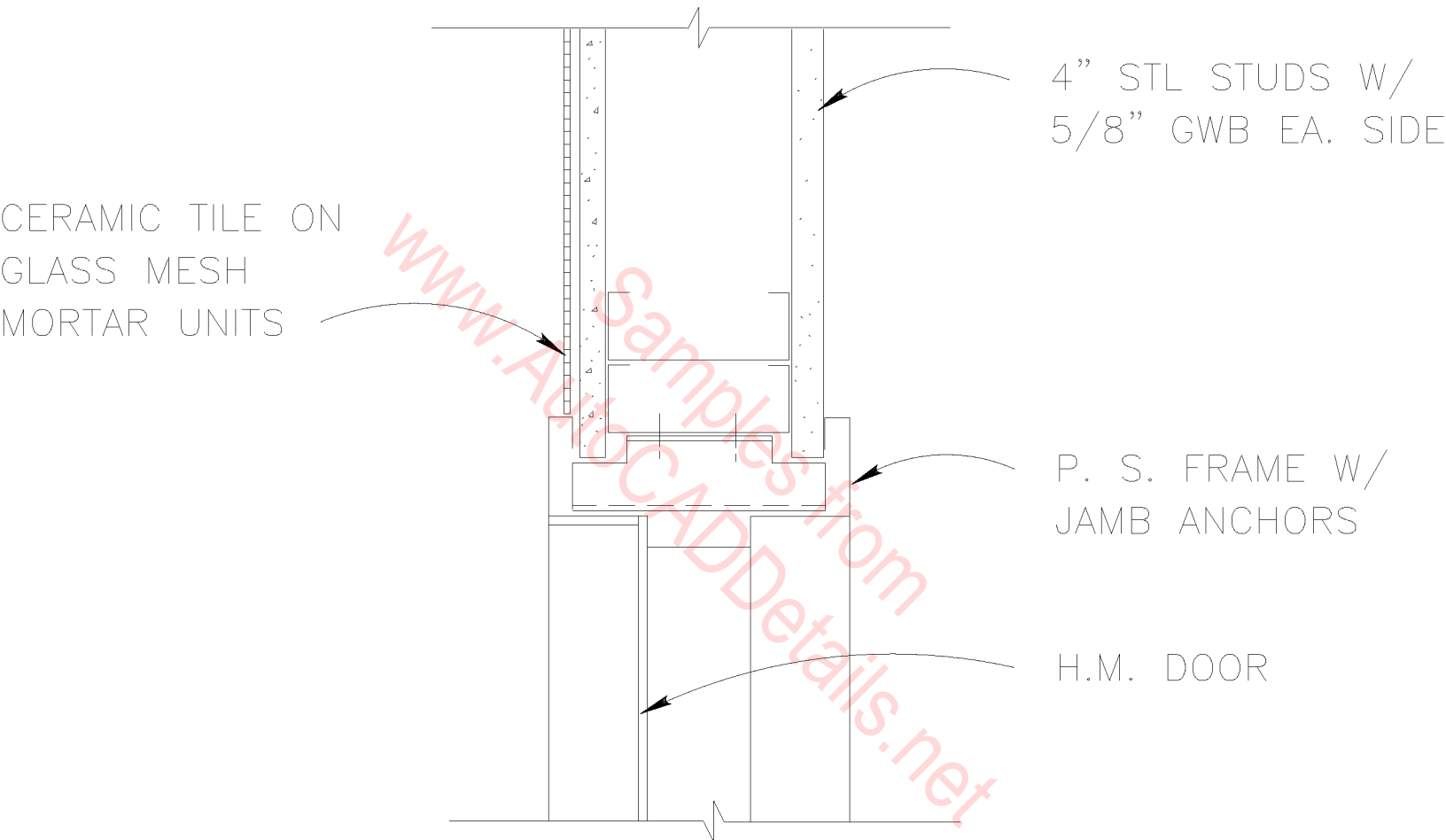
H.M. OR WD DOOR  
AS SCHEDULED

JAMB

SCALE : 3" = 1'-0"

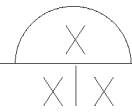






JAMB

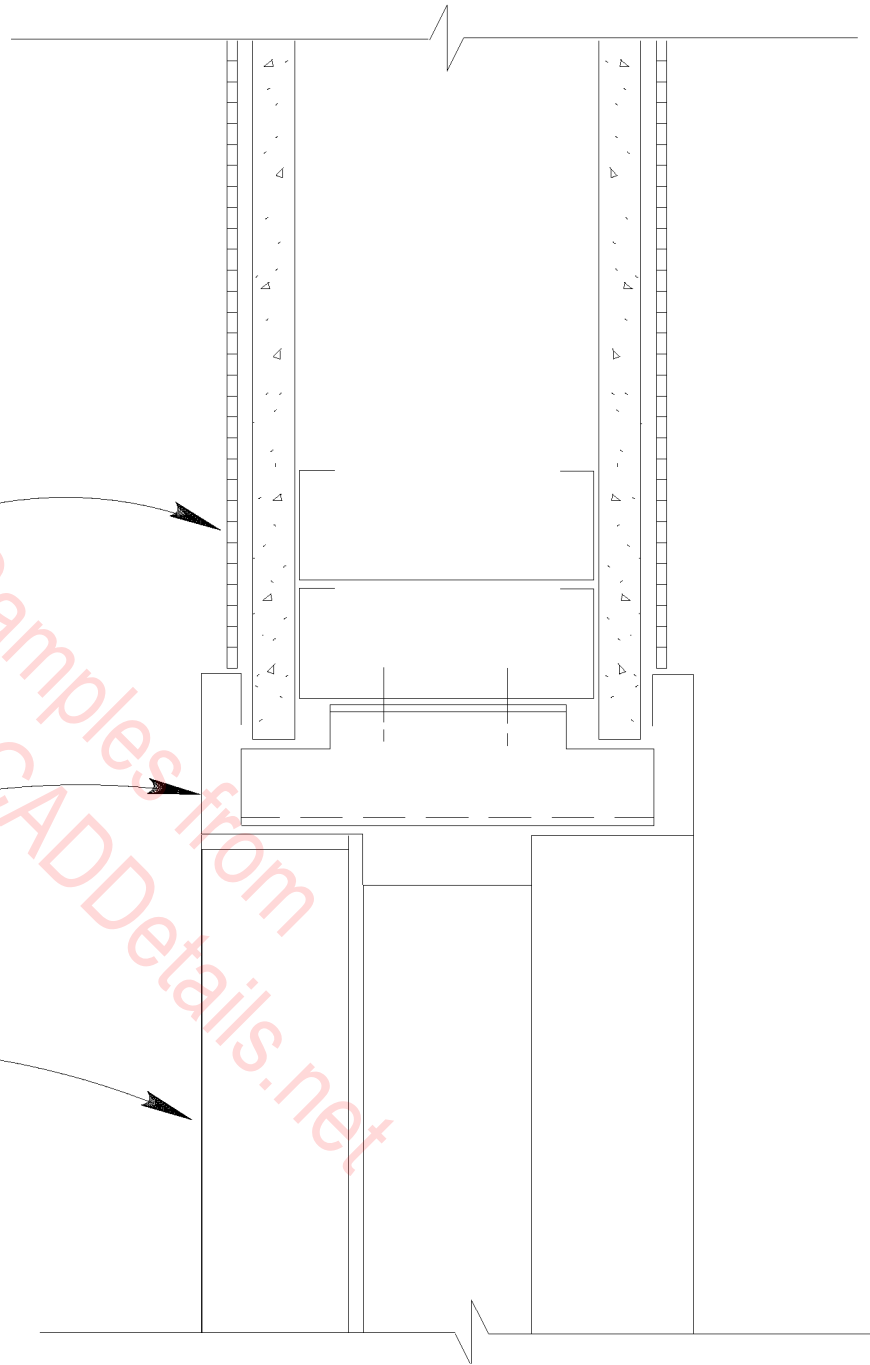
SCALE : 3" = 1'-0"



CERAMIC TILE ON  
GLASS MESH MORTAR  
UNITS, BOTH SIDES

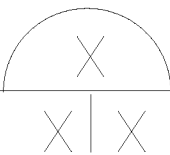
P. S. FRAME W/  
JAMB ANCHORS

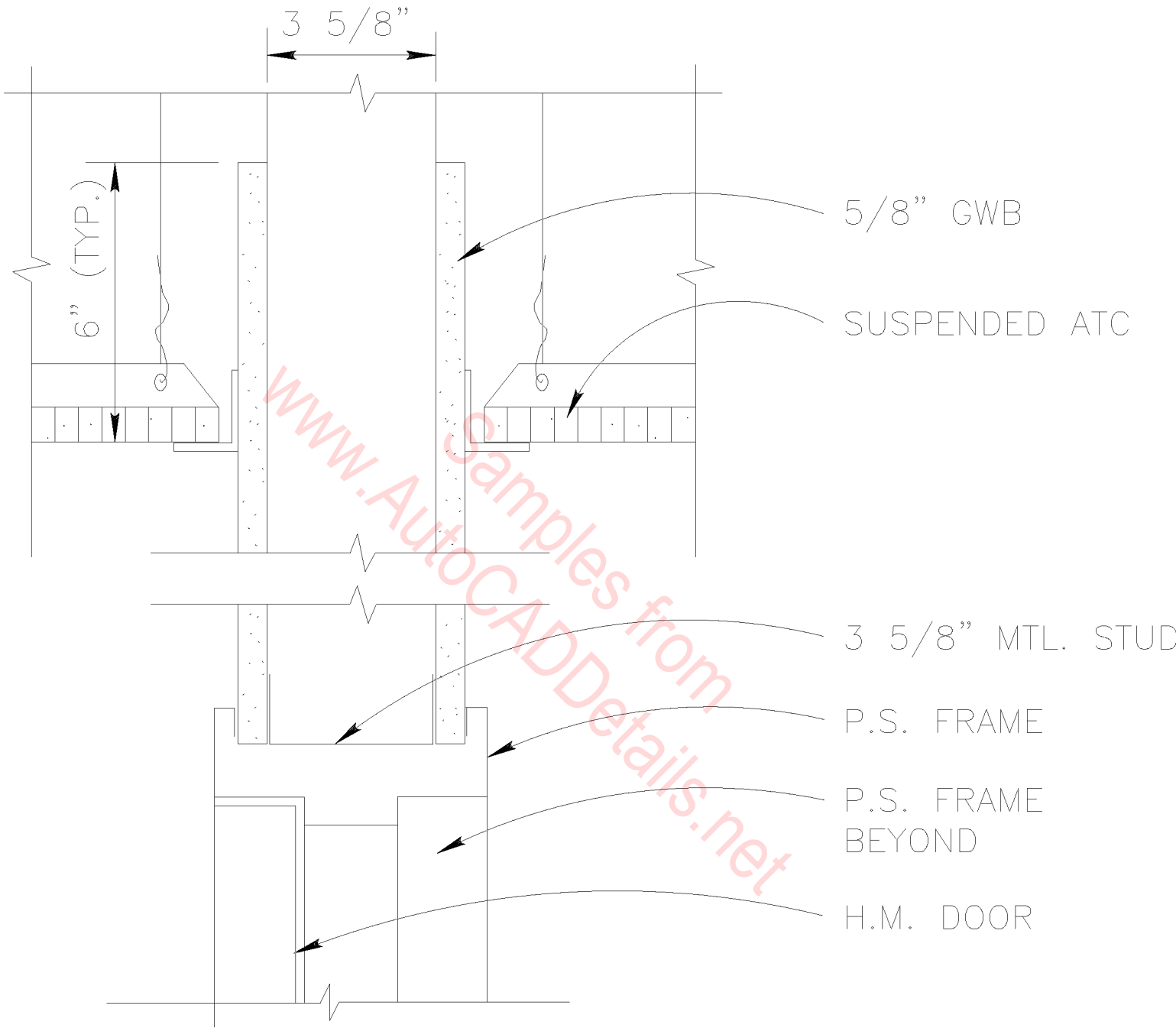
H.M. DOOR



JAMB

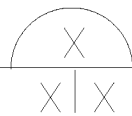
SCALE : 3" = 1'-0"

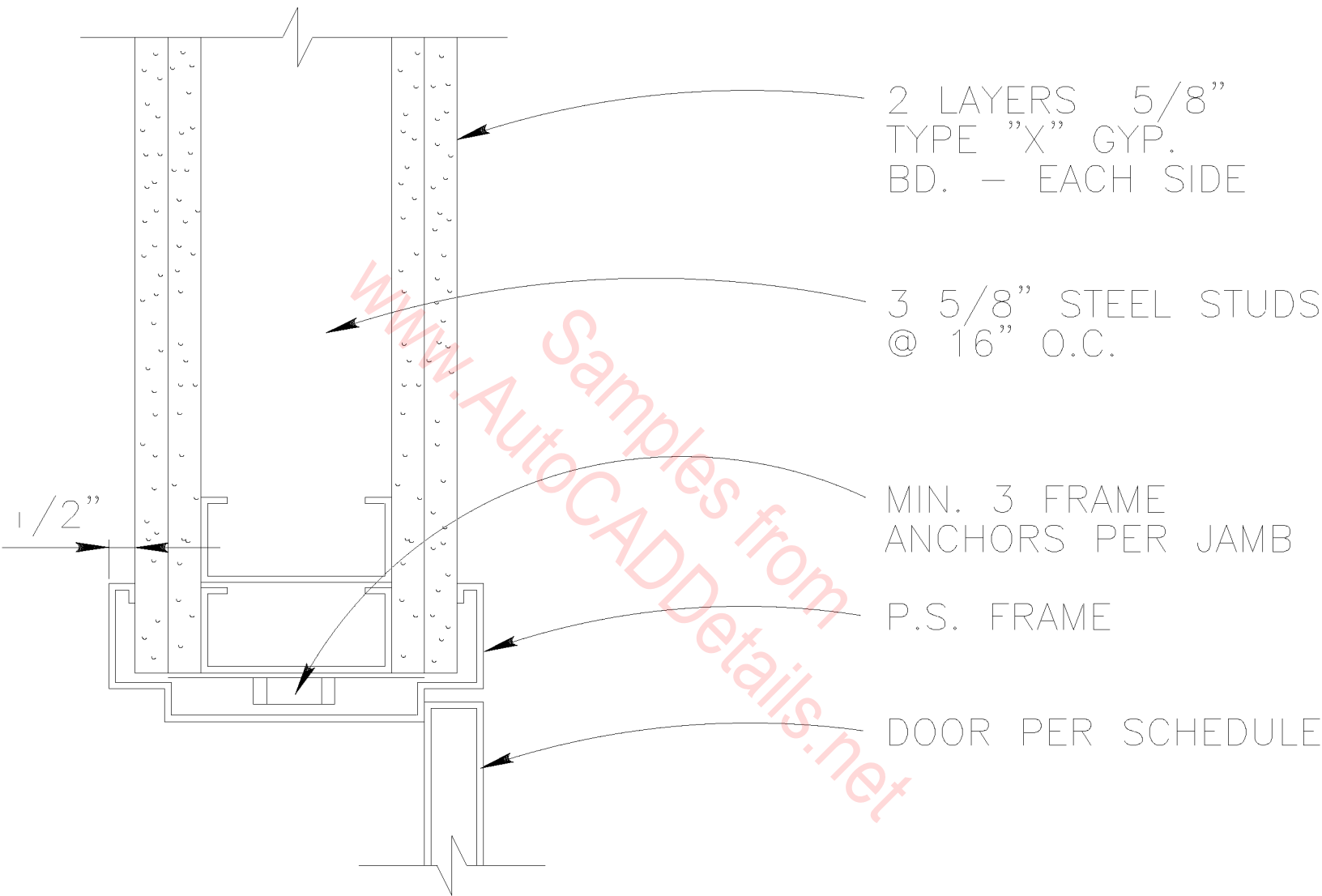




# HEAD DETAIL

SCALE : 3" = 1'-0"





2 LAYERS 5/8"  
TYPE "X" GYP.  
BD. — EACH SIDE

3 5/8" STEEL STUDS  
@ 16" O.C.

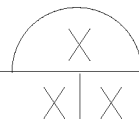
MIN. 3 FRAME  
ANCHORS PER JAMB

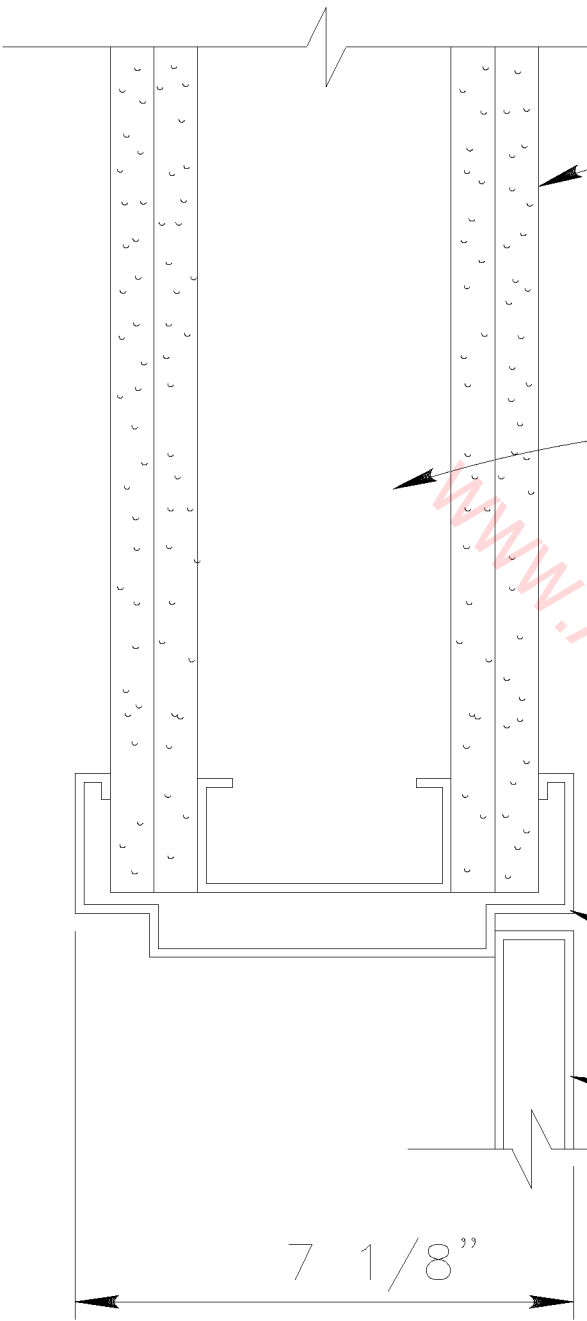
P.S. FRAME

DOOR PER SCHEDULE

JAMB

SCALE : 3" = 1'-0"

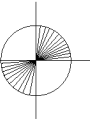




2 LAYERS 5/8"  
TYPE "X" GYPSUM  
BOARD - E.S.

3 5/8" STEEL STUDS  
@ 16" O.C.

T.O. FRAME  
EL. = ' - ' "



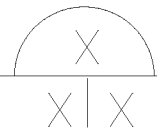
P.S. FRAME

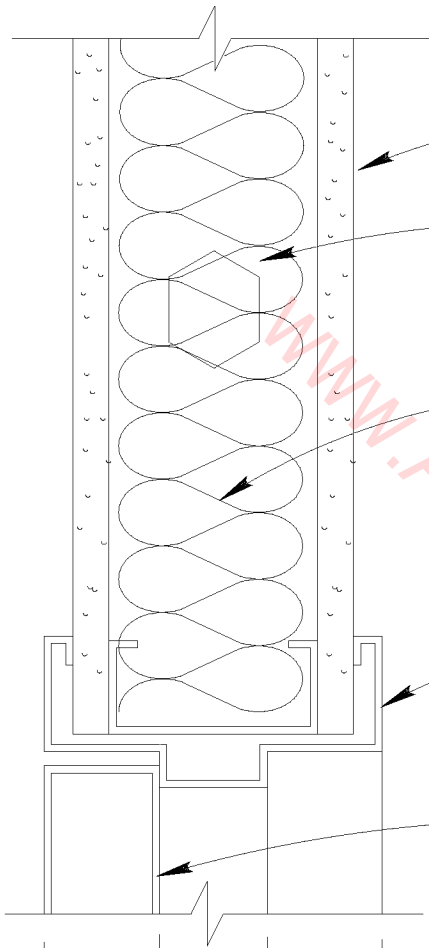
DOOR PER SCHEDULE

7 1/8"

HEAD

SCALE : 3" = 1'-0"





5/8" GYP. BD. - EACH SIDE

3 5/8" STEEL STUDS  
@ 16" O.C.

3 1/2" SOUND BATT  
INSULATION WHERE  
INDICATED ON PLANS

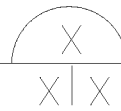
DOOR FRAME

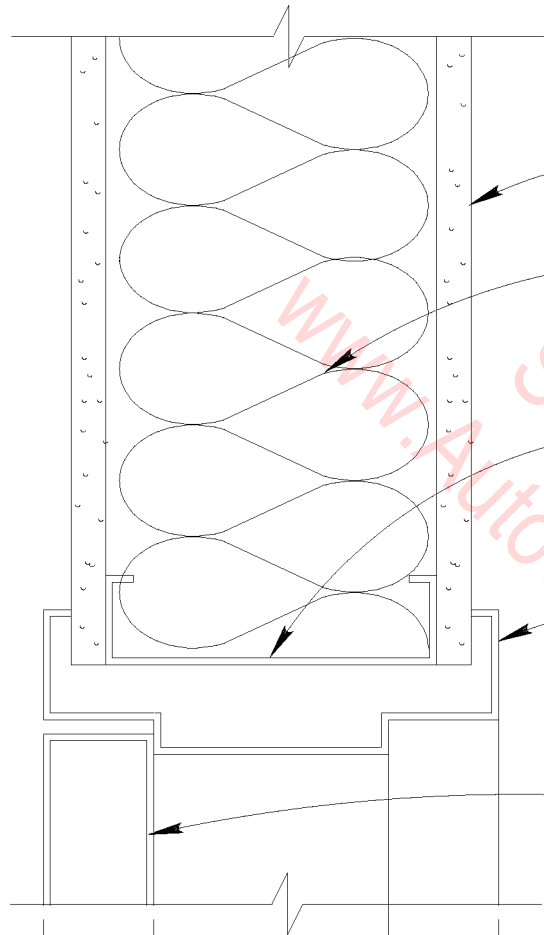
DOOR PER SCHEDULE

1 7/8" 1 7/8" 1 7/8"

HEAD

SCALE : 3" = 1'-0"





5/8" GYP. BD. - EACH SIDE

BATT INSUALTION

6" METAL STUDS  
@ 16" O.C.

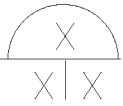
DOOR FRAME

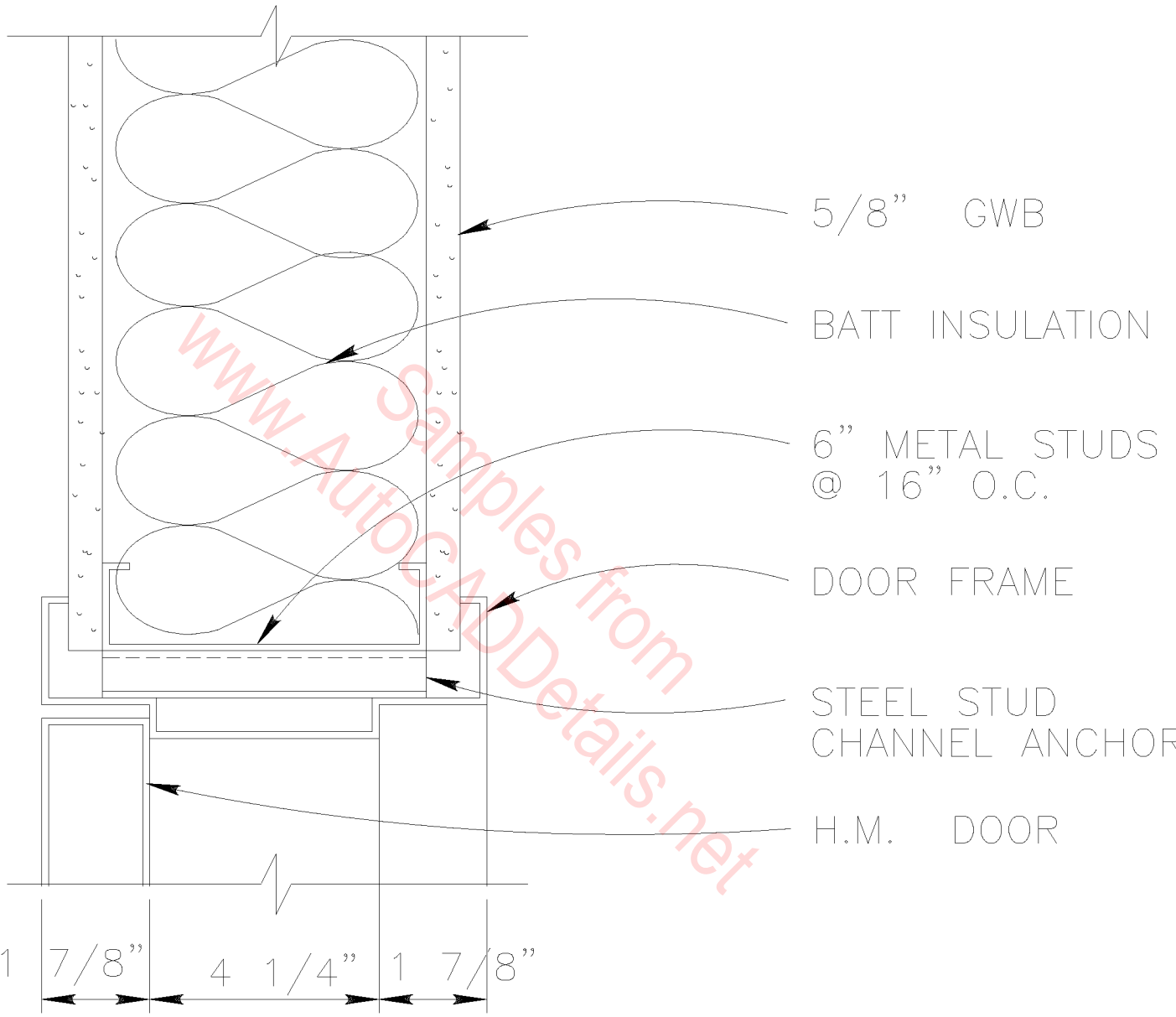
DOOR PER SCHEDULE

1 7/8"    4 1/4"    1 7/8"

HEAD

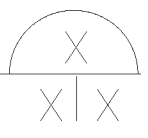
SCALE : 3" = 1'-0"





JAMB

SCALE : 3" = 1'-0"



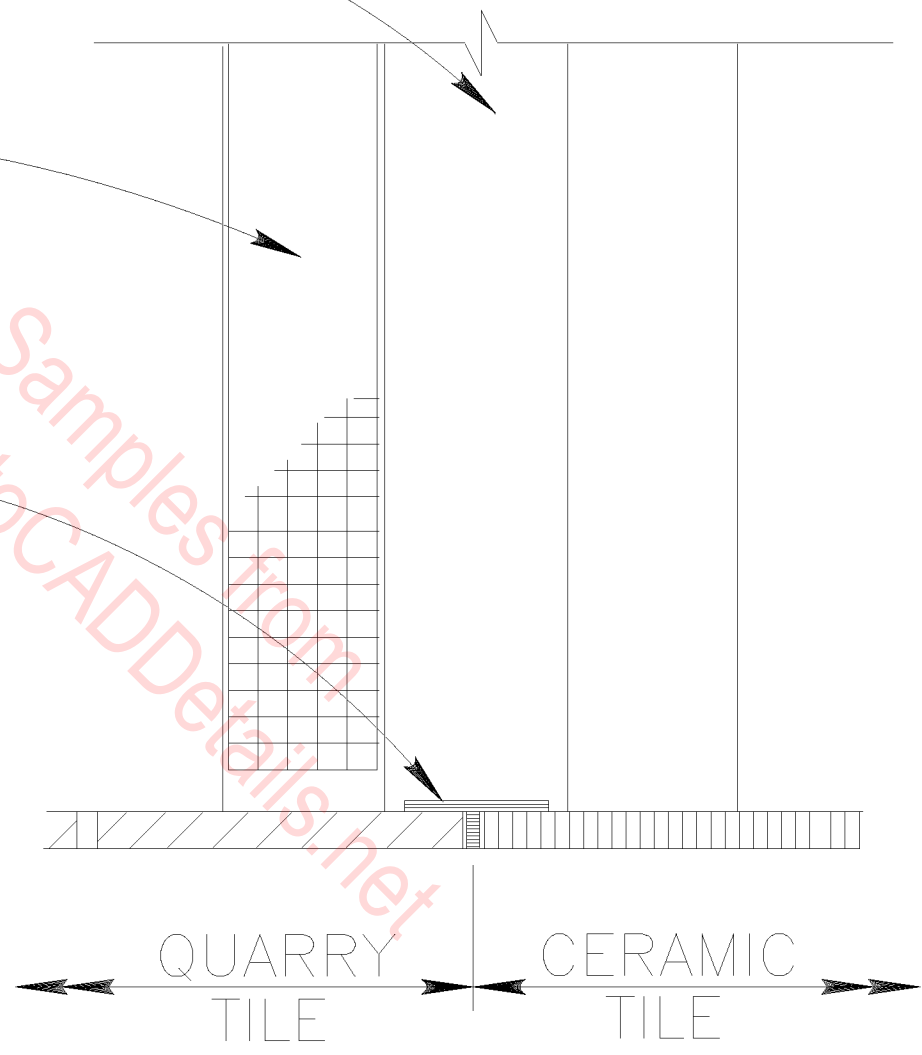


MTL. FRAME

DOOR AS  
SCHED.

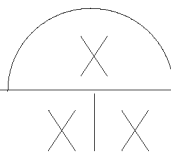
MTL. PLATE  
T SHAPE  
WITH BRONZE  
FINISH

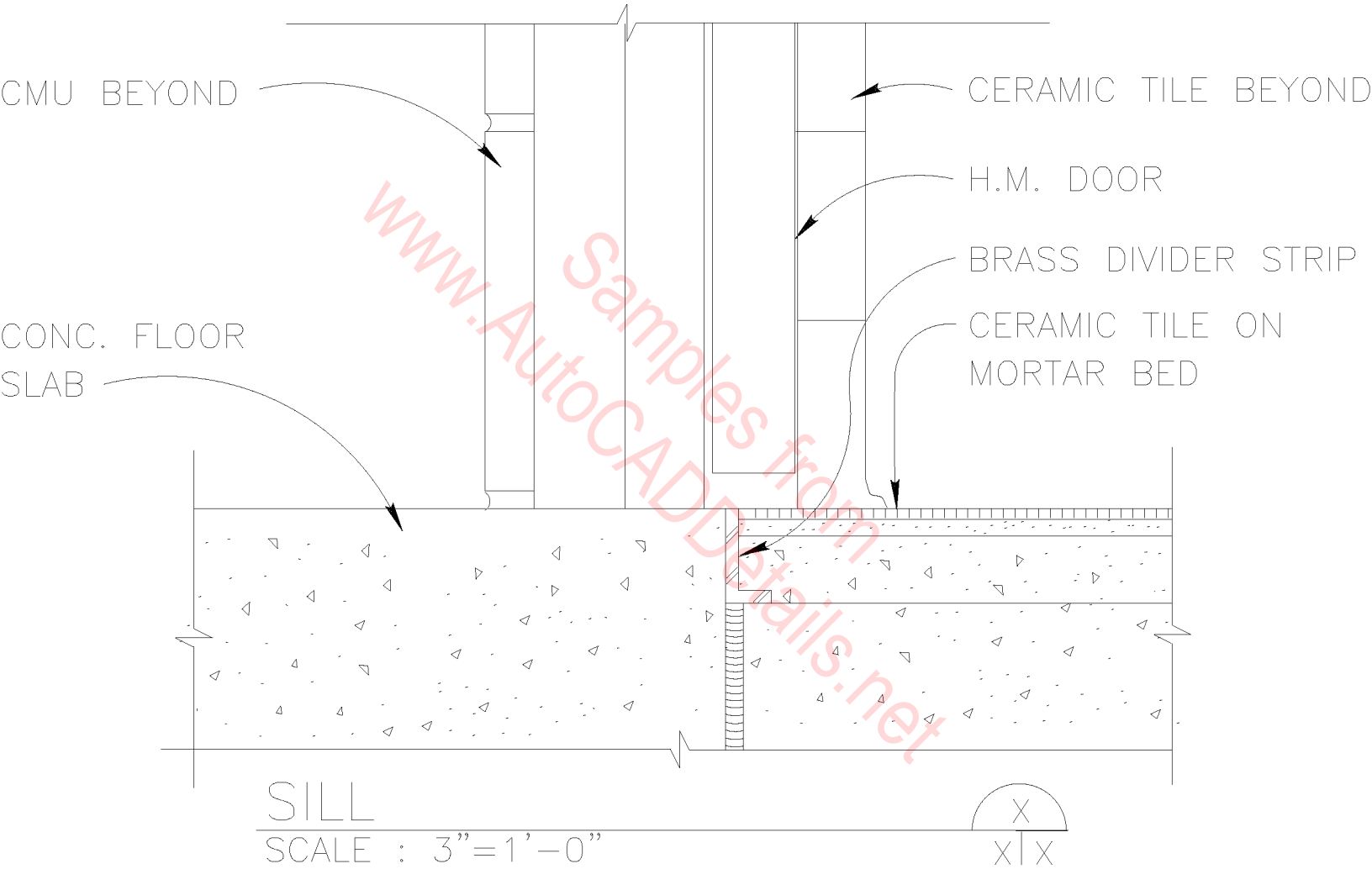
www.AutocADDetails.net

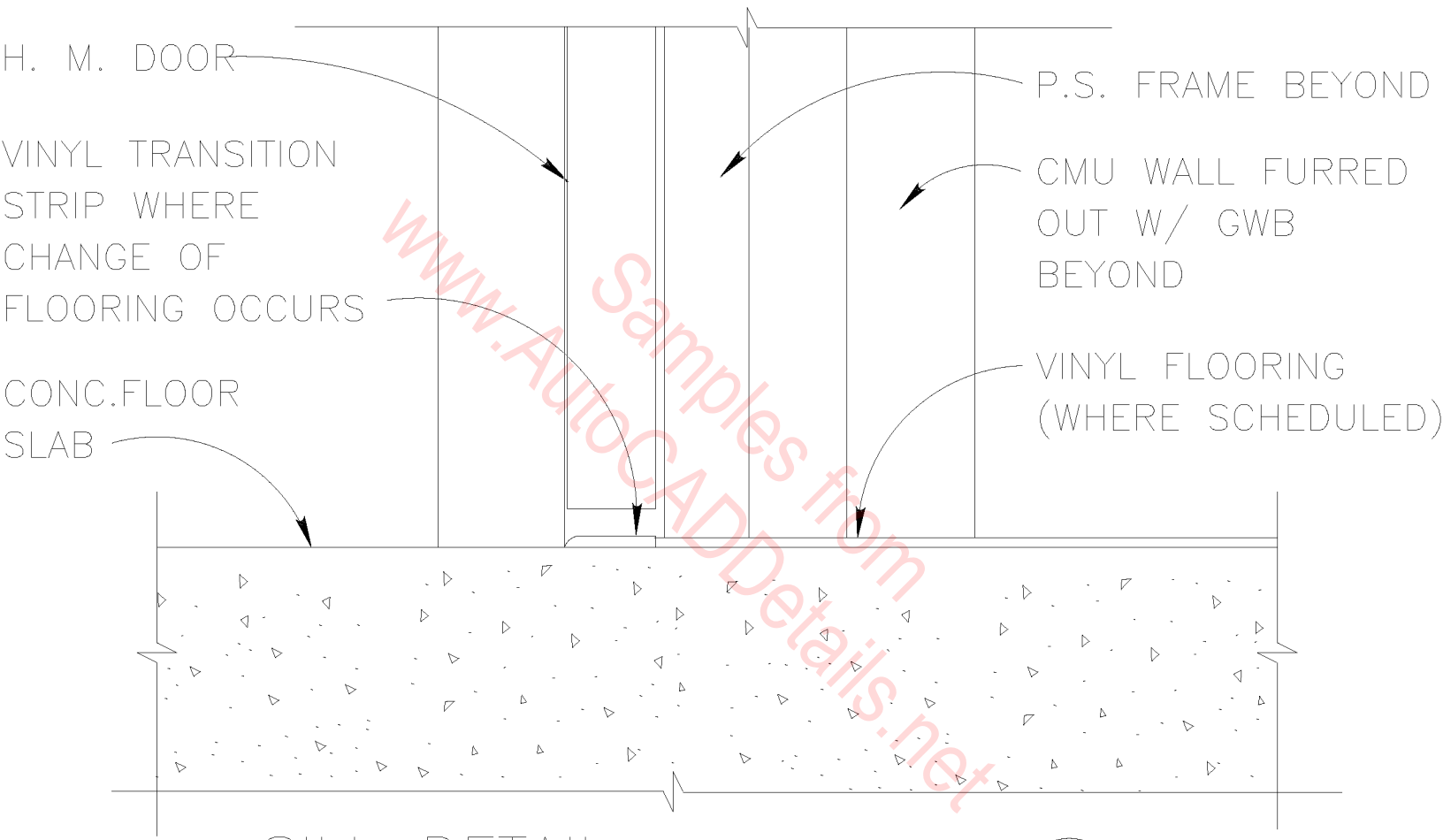


SILL

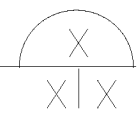
SCALE : 3" = 1'-0"

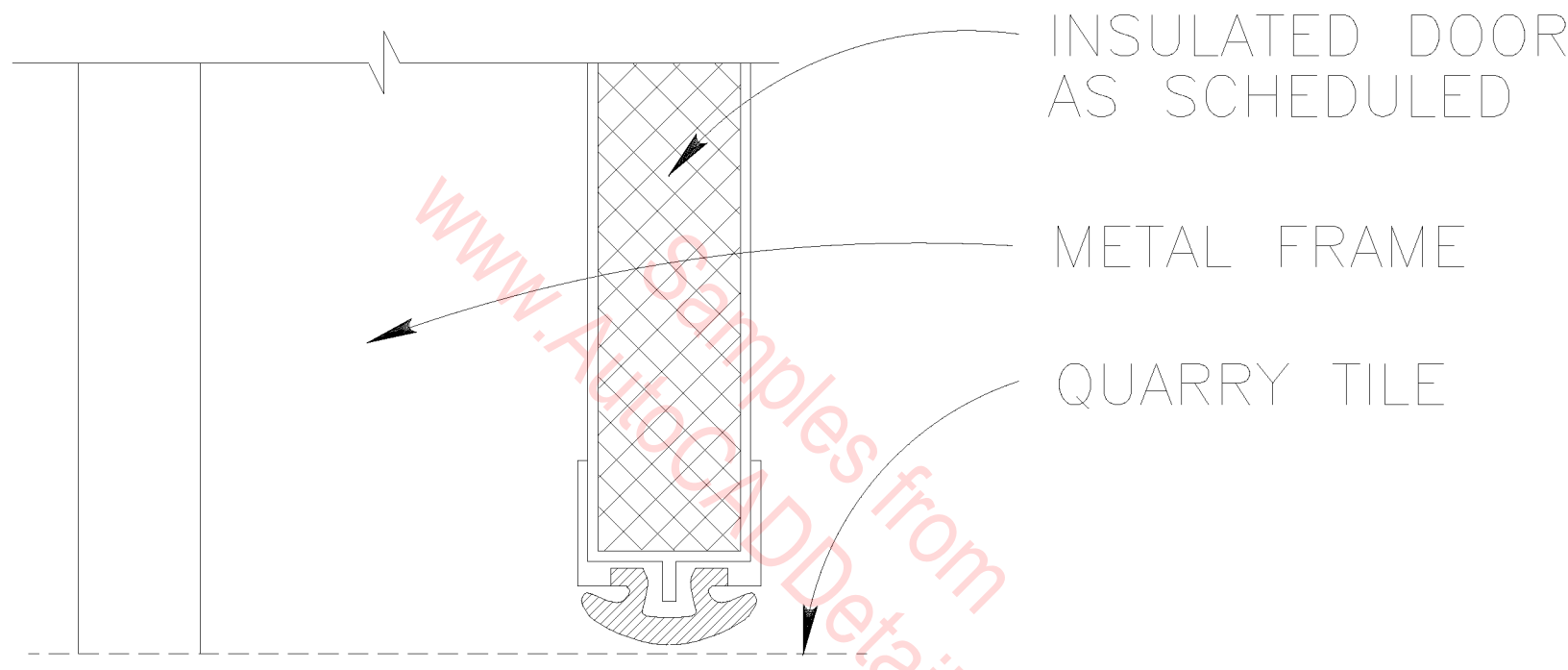






SILL DETAIL  
 SCALE : 3" = 1'-0"





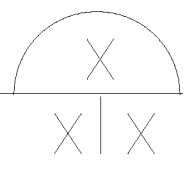
INSULATED DOOR  
AS SCHEDULED

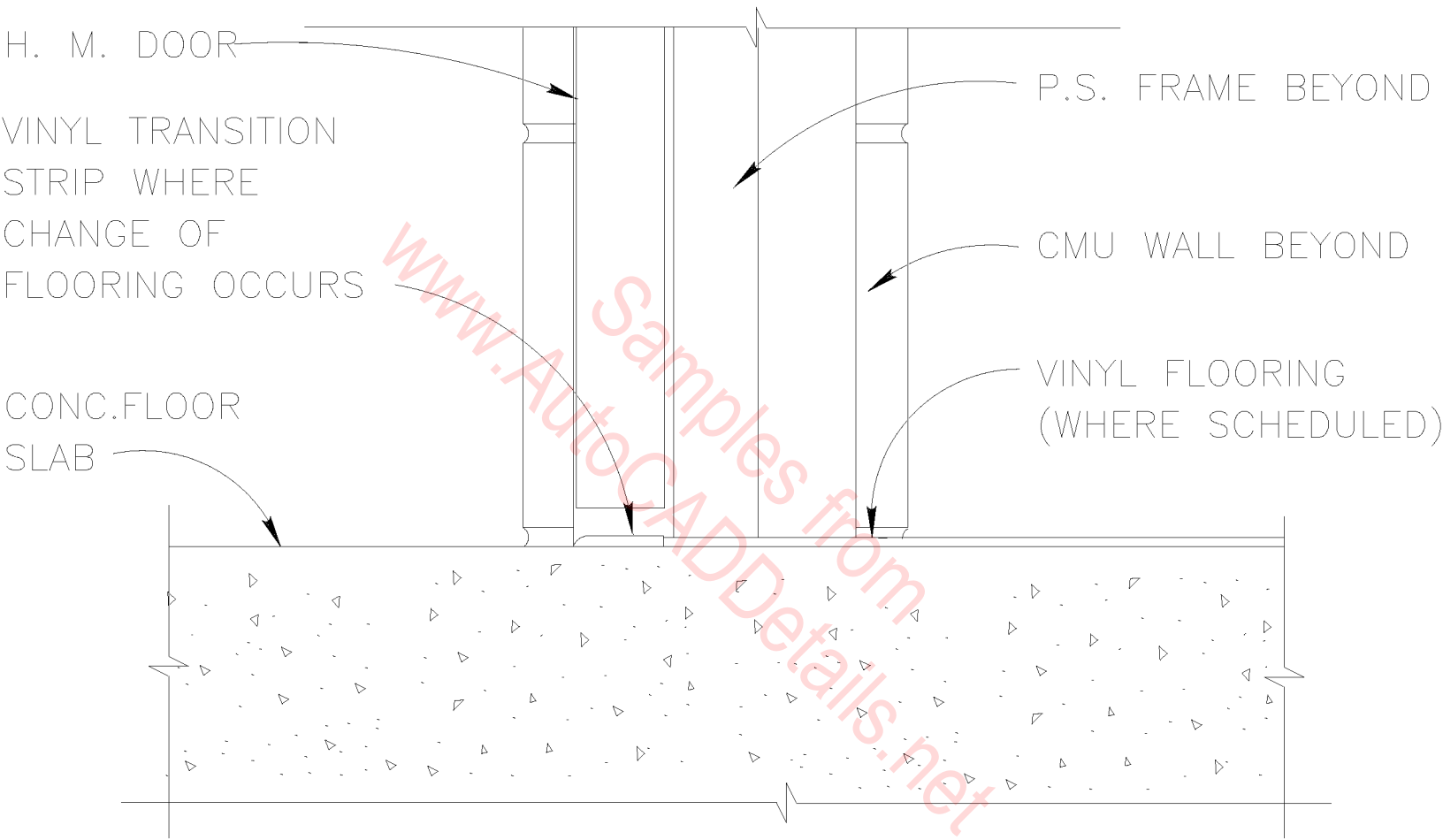
METAL FRAME

QUARRY TILE

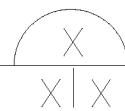
SILL

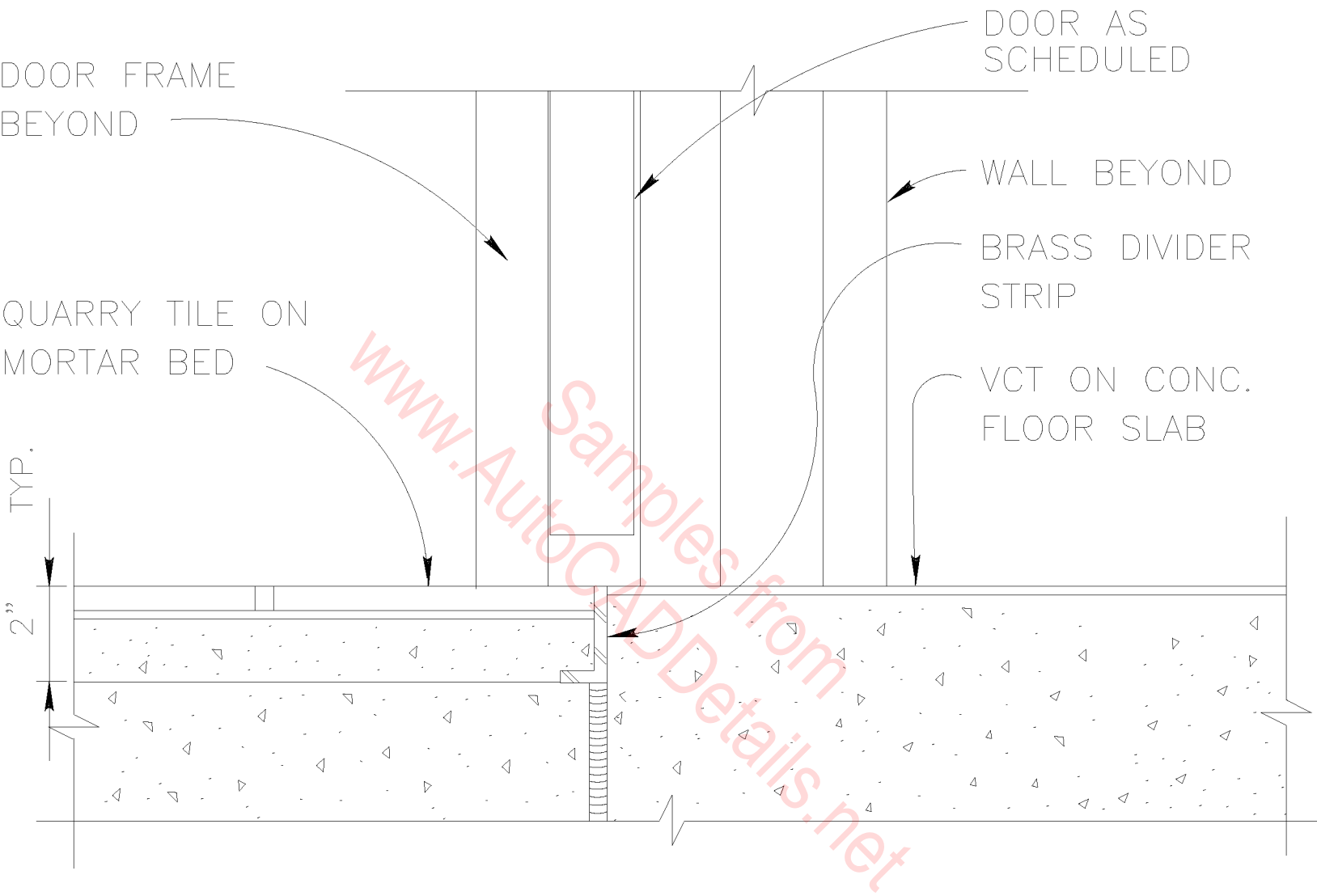
SCALE : 3" = 1'-0"





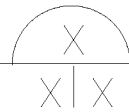
SILL DETAIL  
 SCALE : 3" = 1'-0"



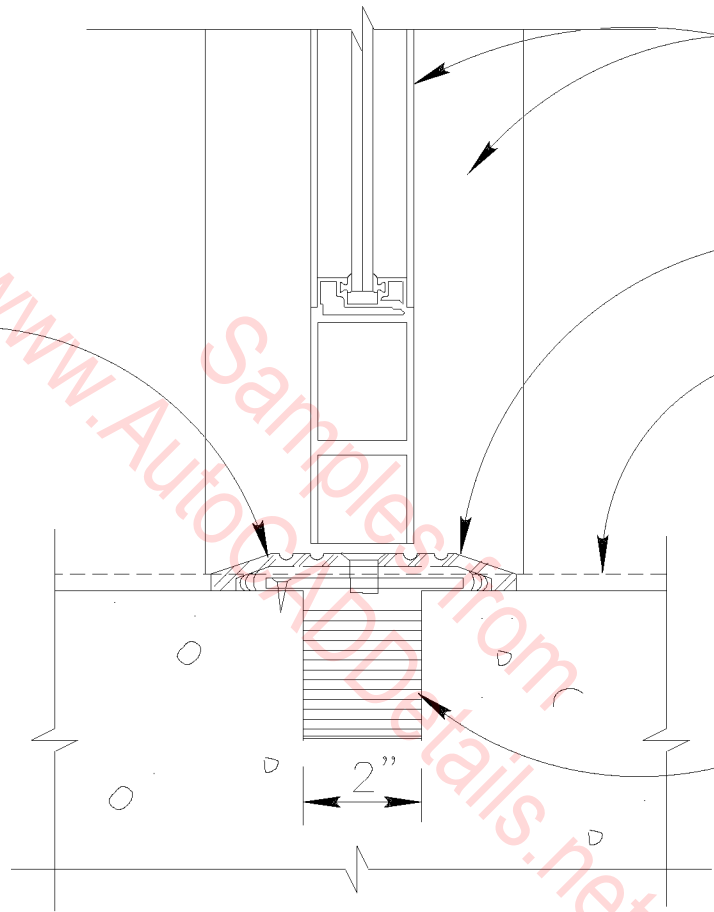


SILL DETAIL

SCALE : 3" = 1'-0"

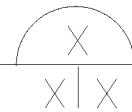


ANCHOR PLATE  
FASTENED TO  
ONE SIDE OF  
EXPANSION JOINT



SILL

SCALE : 3" = 1'-0"



DOOR AS SCHEDULED

WEATHERSTRIP

QUARRY TILE ON MORTAR BED

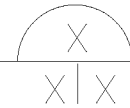
THRESHOLD SET IN SEALANT

CARPET ON CONC. FLOOR SLAB

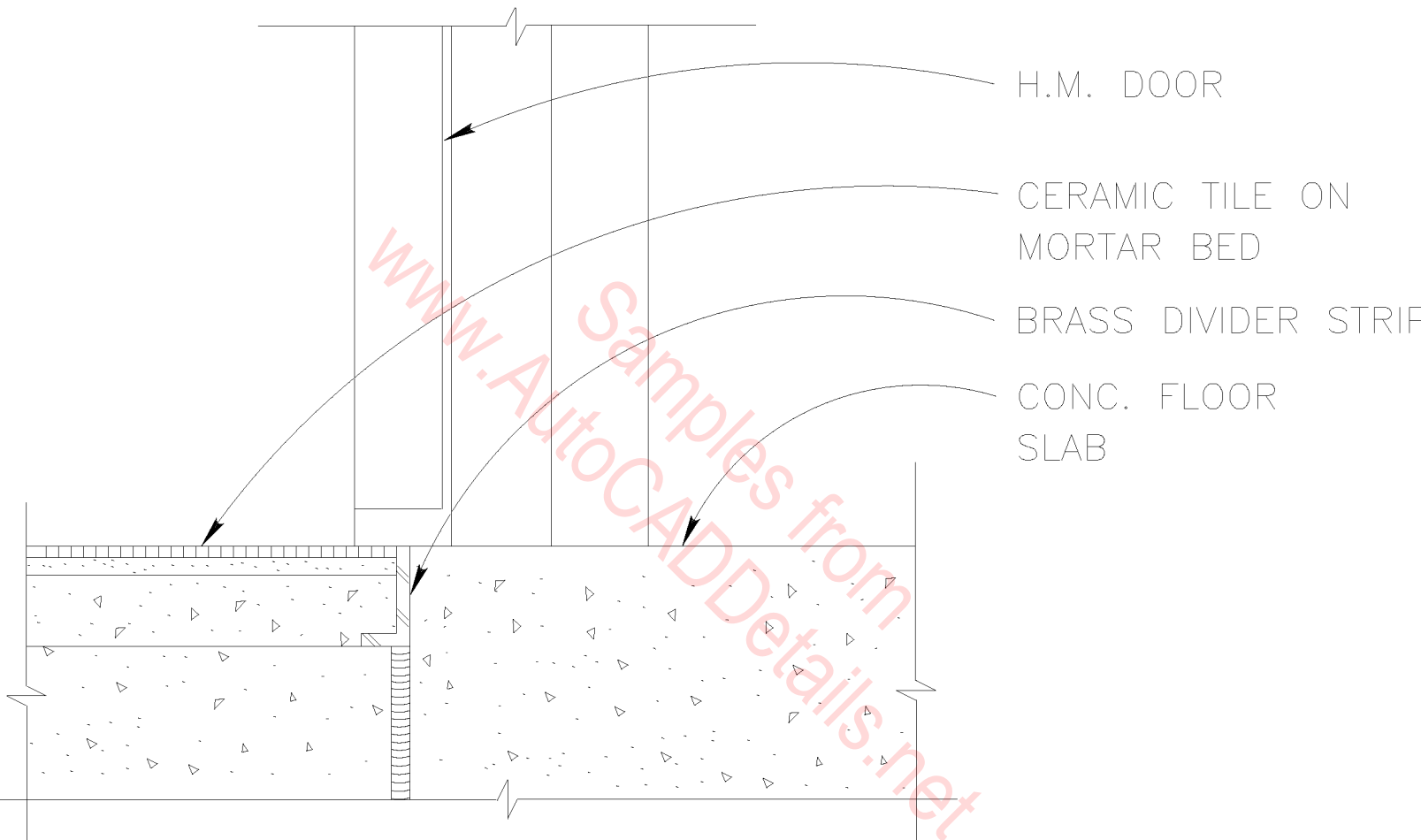
TYP.  
2"

www.AutocADDetails.net

SILL DETAIL  
SCALE : 3" = 1'-0"



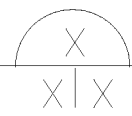


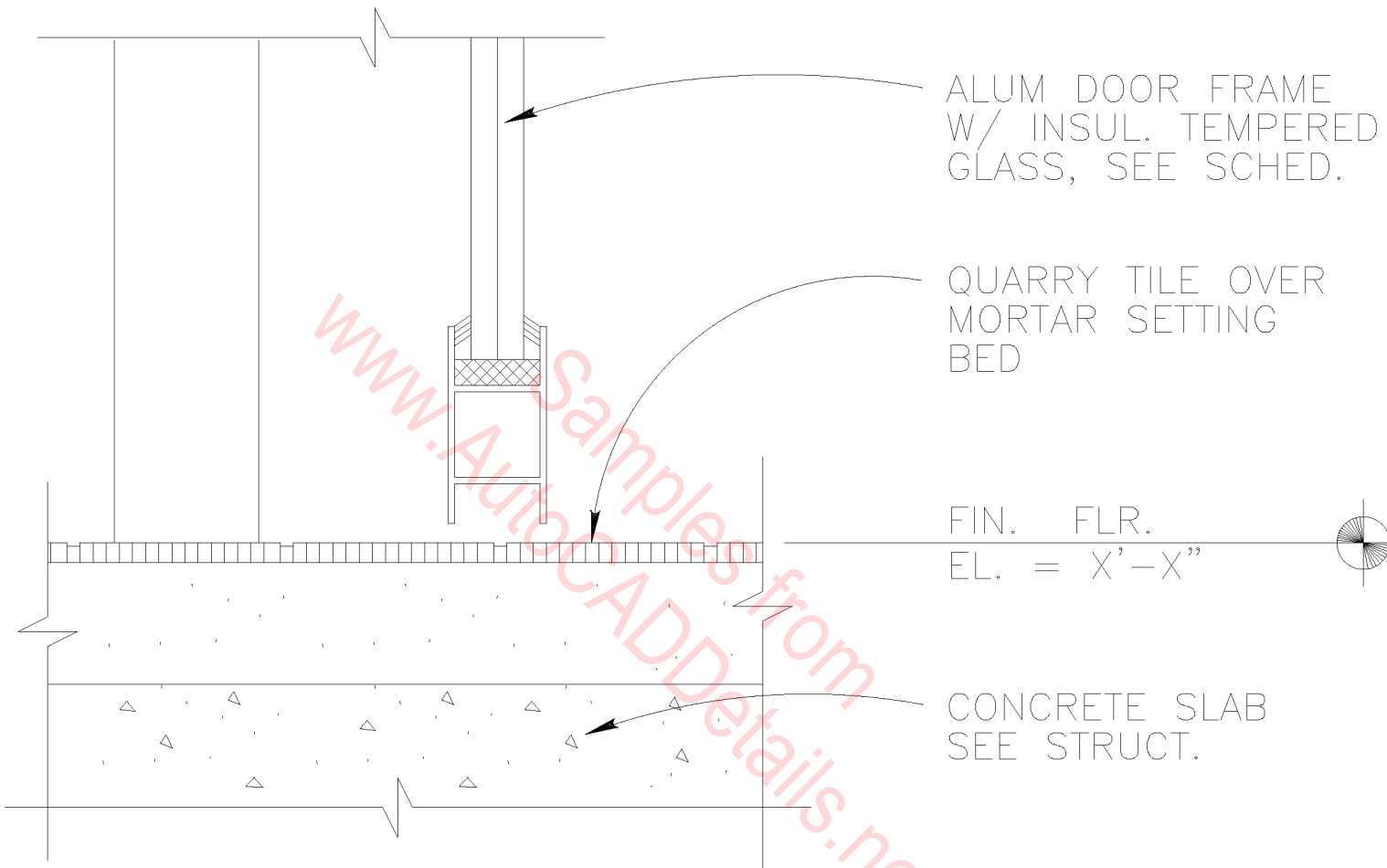


- H.M. DOOR
- CERAMIC TILE ON MORTAR BED
- BRASS DIVIDER STRIP
- CONC. FLOOR SLAB

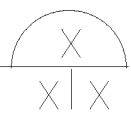
SILL

SCALE : 3" = 1'-0"





SILL  
SCALE : 3" = 1'-0"



5/8" G.W.B. OVER  
3 5/8" METALSTUDS  
AT 16" O.C.

DOOR FRAME

1/4" TEMPERED  
GLASS

5 7/8"

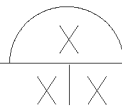
2"

WINDOW STOP

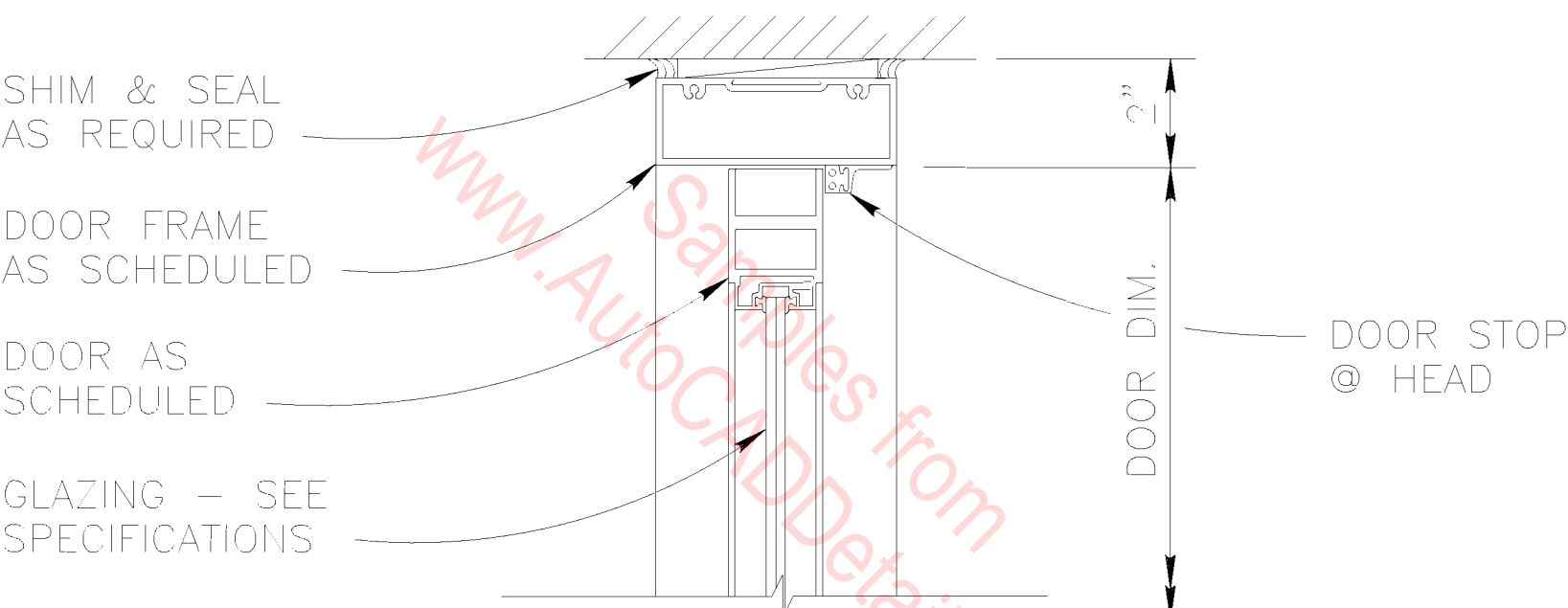
5/8" GWB OVER  
3 5/8" METAL STUDS  
AT 16" O.C.

HEAD DETAIL

SCALE : 3" = 1'-0"

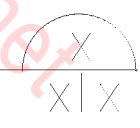


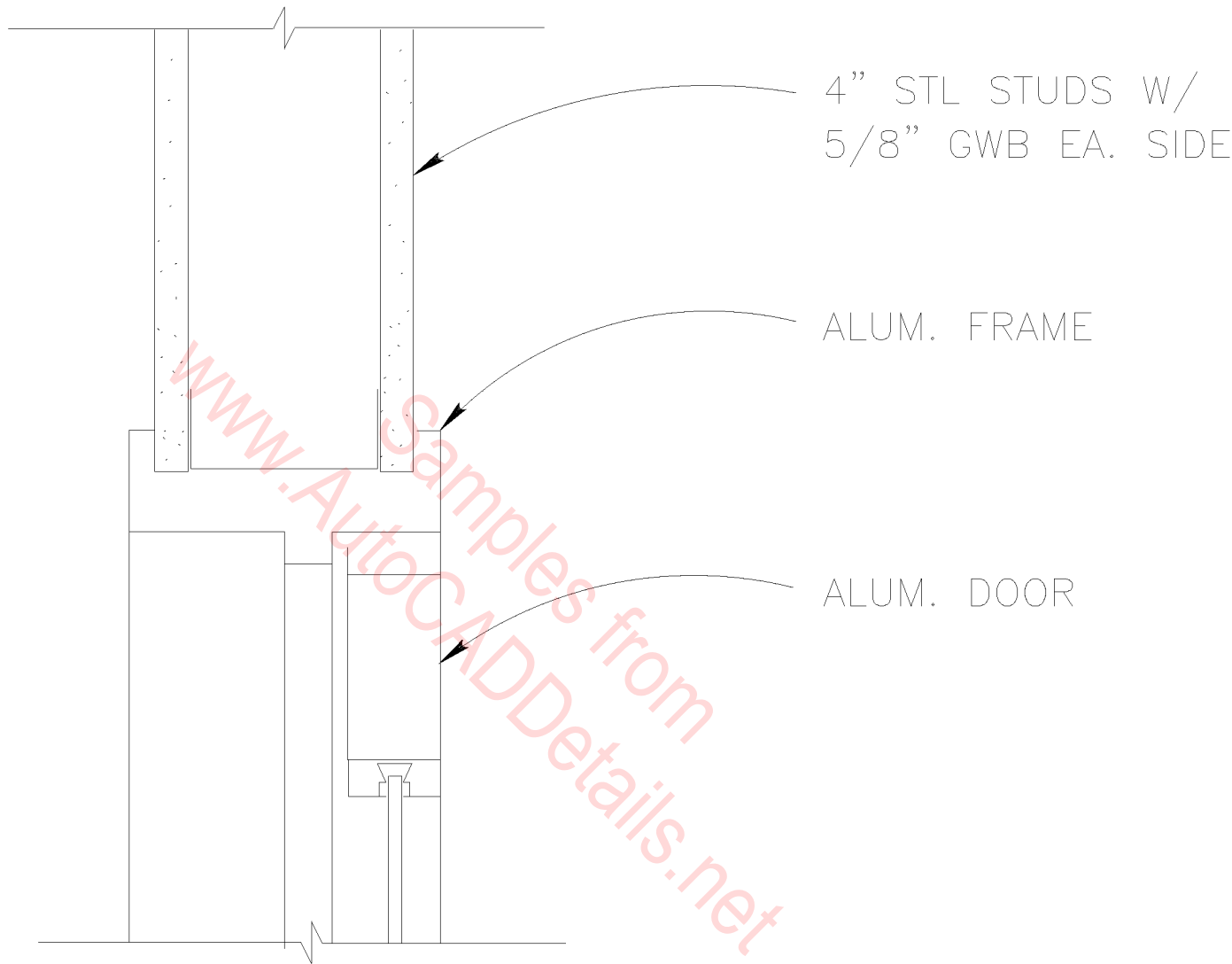
www.AutocADDetails.net



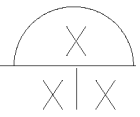
HEAD

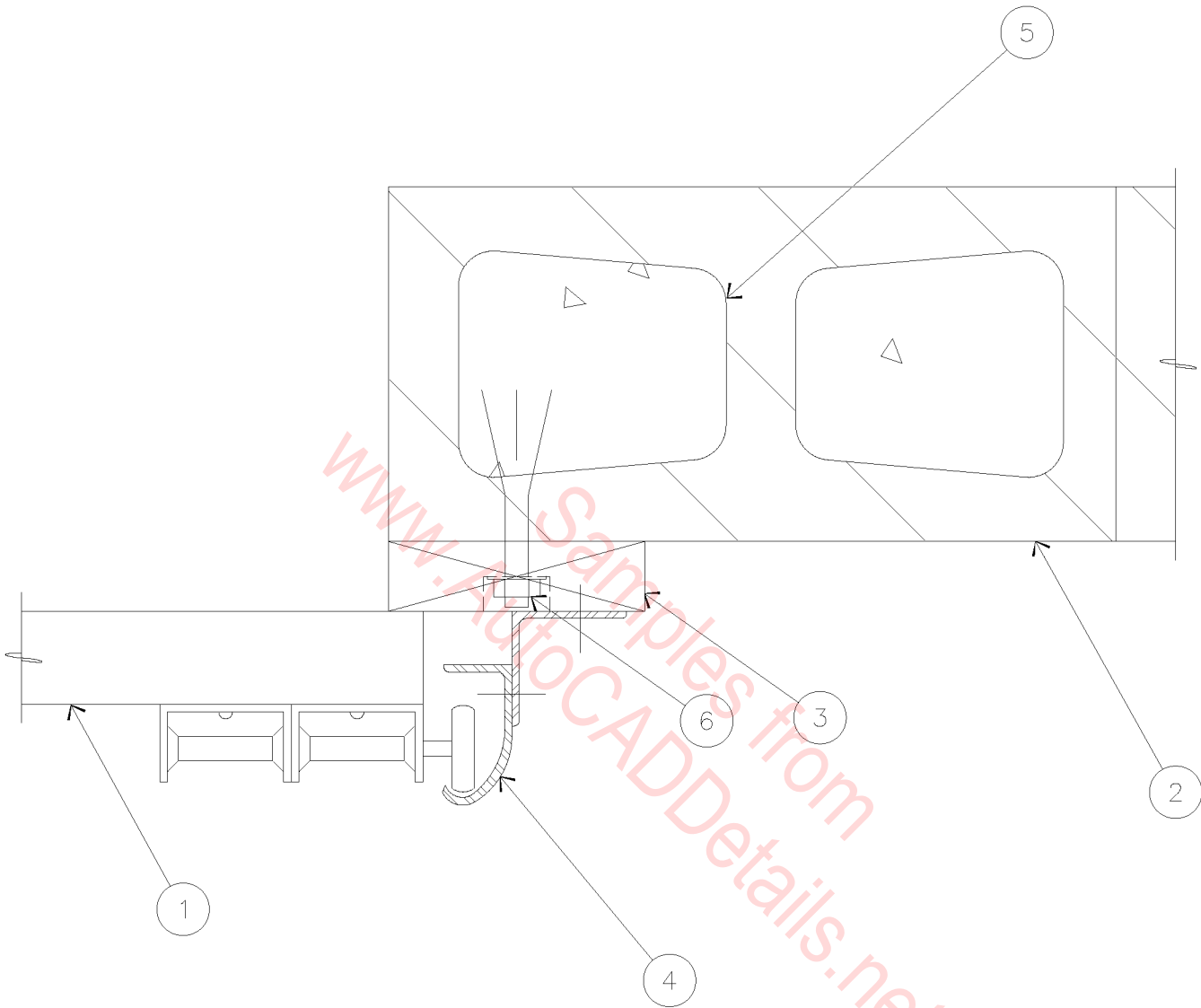
SCALE : 3" = 1'-0"



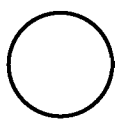


HEAD  
SCALE : 3" = 1'-0"





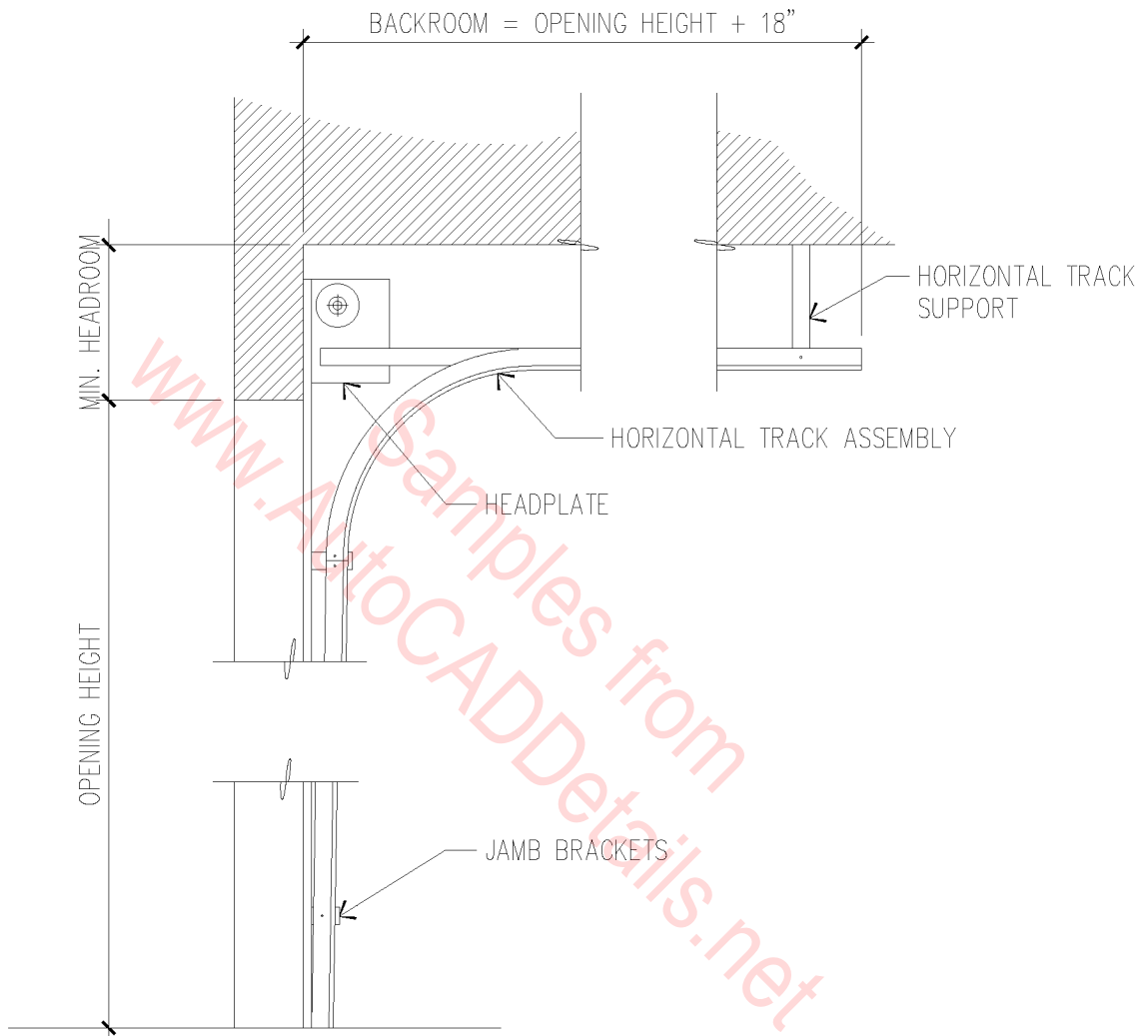
1. 24 GA. STEEL SECTIONAL DOOR.
2. MASONRY WALL.
3. 2 X 6 JAMB RUN FULL HEIGHT OF WALL.
4. 3" HIGH LIFT DOOR TRACK.
5. SOLID GROUTED CELL.
6. RECESSED EXPANSION ANCHOR.



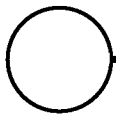
## SECTIONAL DOOR JAMB

3" = 1'-0"

08A-7001

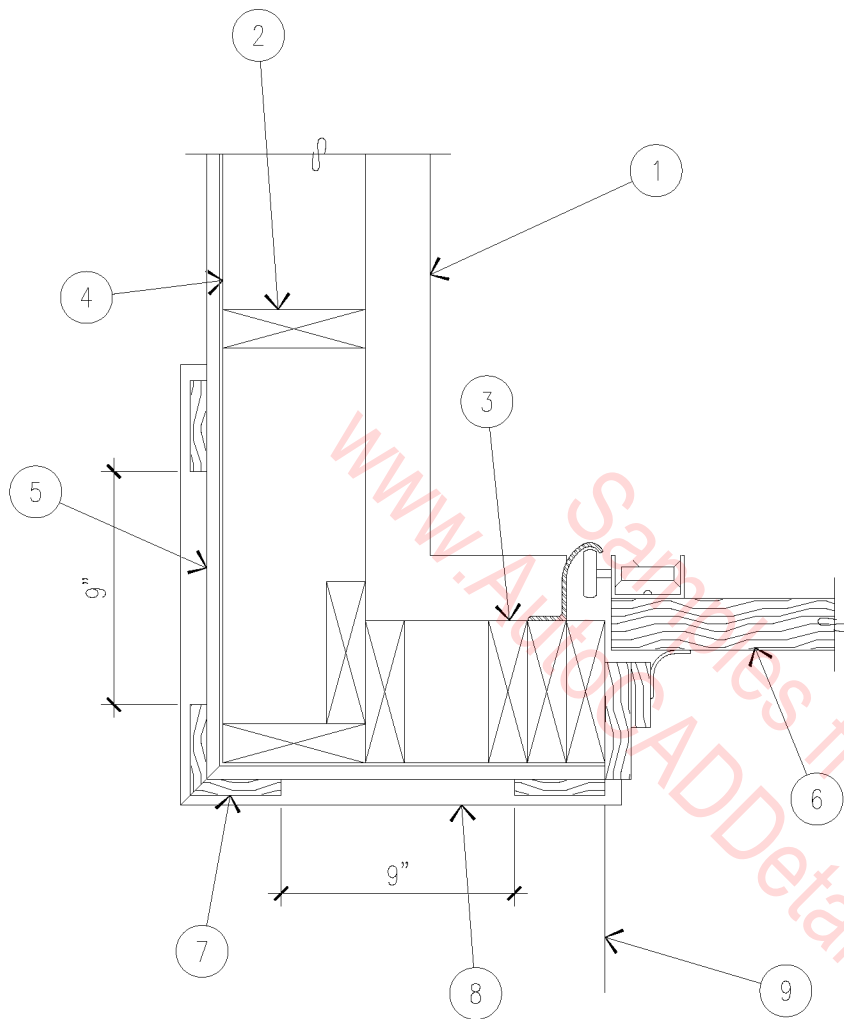


SECTIONAL DOOR  
STANDARD LIFT TRACK



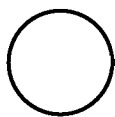
1/2" = 1'-0"

08A-7002



1. LINE OF FOUNDATION STEM WALL BELOW - SEE FOUNDATION PLAN.
2. 2 X 6 STUD WALL AT 16" ON CENTER.
3. (3) 2 X 6's AT DOUBLE GARAGE DOOR, (2) AT SINGLE.
4. 1/8" THERMOPLY.
5. SMOOTH MASONITE SIDING.
6. SECTIONAL GARAGE DOOR TRIM, AND HARDWARE - SEE DOOR SCHEDULE.
7. 4/4 X 4 MASONITE.
8. 5/4 X 10 MASONITE.
9. EDGE OF CONCRETE DRIVEWAY.

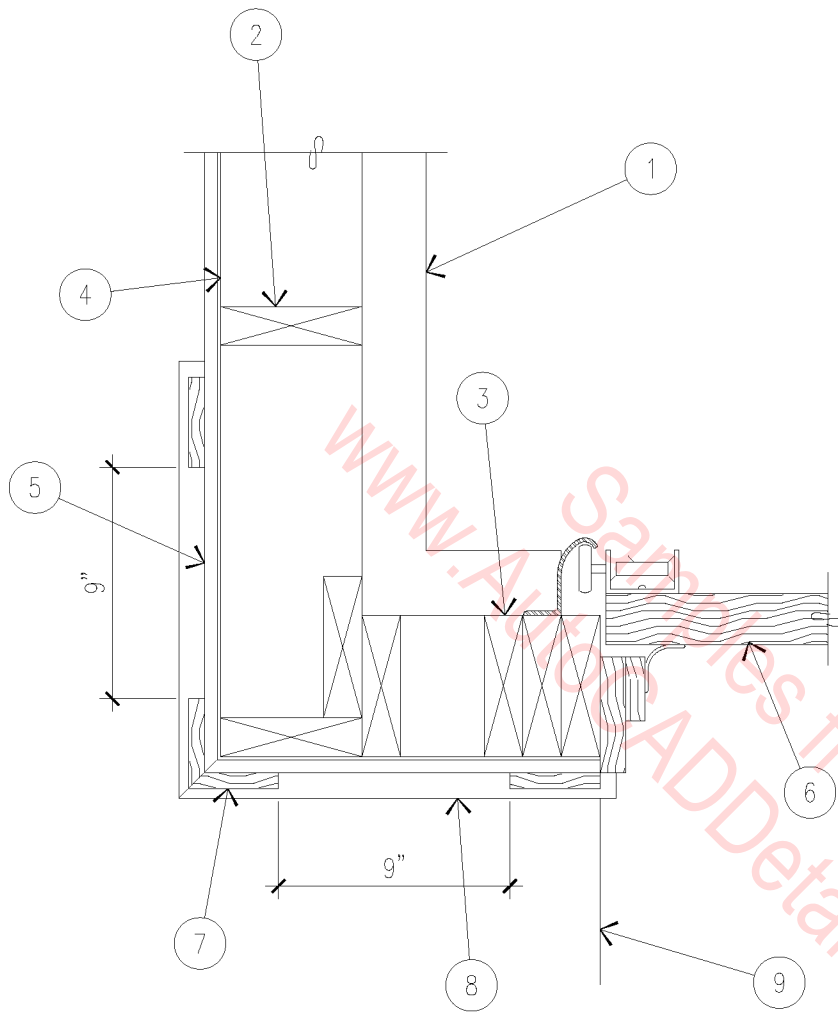
## CORNER TRIM AT GARAGE



1 1/2" = 1'-0"

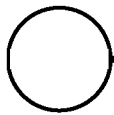
08A-7003





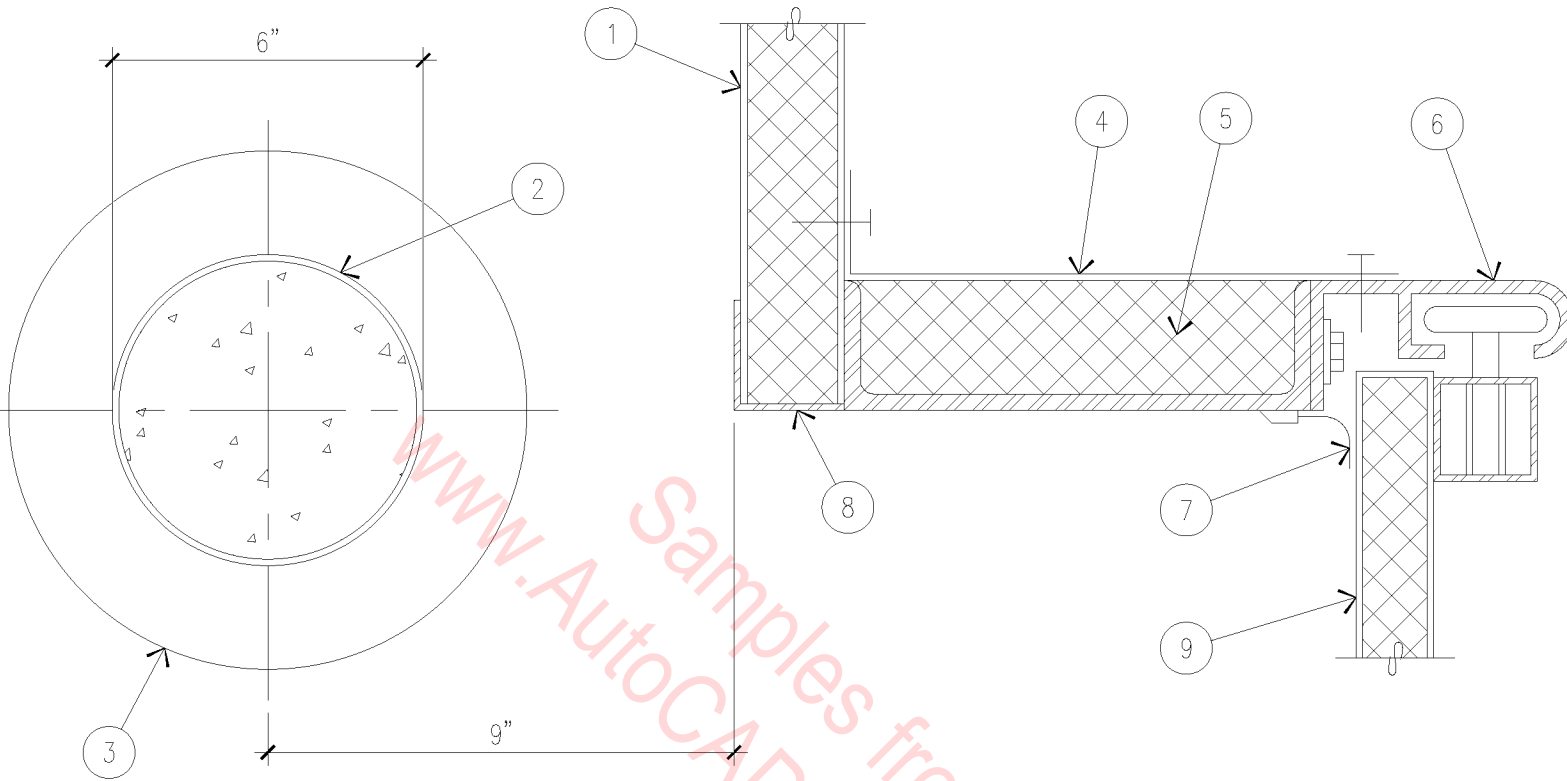
1. LINE OF FOUNDATION STEM WALL BELOW – SEE FOUNDATION PLAN.
2. 2 X 6 STUD WALL AT 16" ON CENTER.
3. (3) 2 X 6's AT DOUBLE GARAGE DOOR, (2) AT SINGLE.
4. 1/8" THERMOPLY.
5. SMOOTH MASONITE SIDING.
6. SECTIONAL GARAGE DOOR TRIM, AND HARDWARE – SEE DOOR SCHEDULE.
7. 4/4 X 4 MASONITE.
8. 5/4 X 10 MASONITE.
9. EDGE OF CONCRETE DRIVEWAY.

# CORNER TRIM AT GARAGE

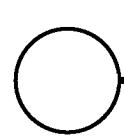


1 1/2" = 1'-0"

08A-7003



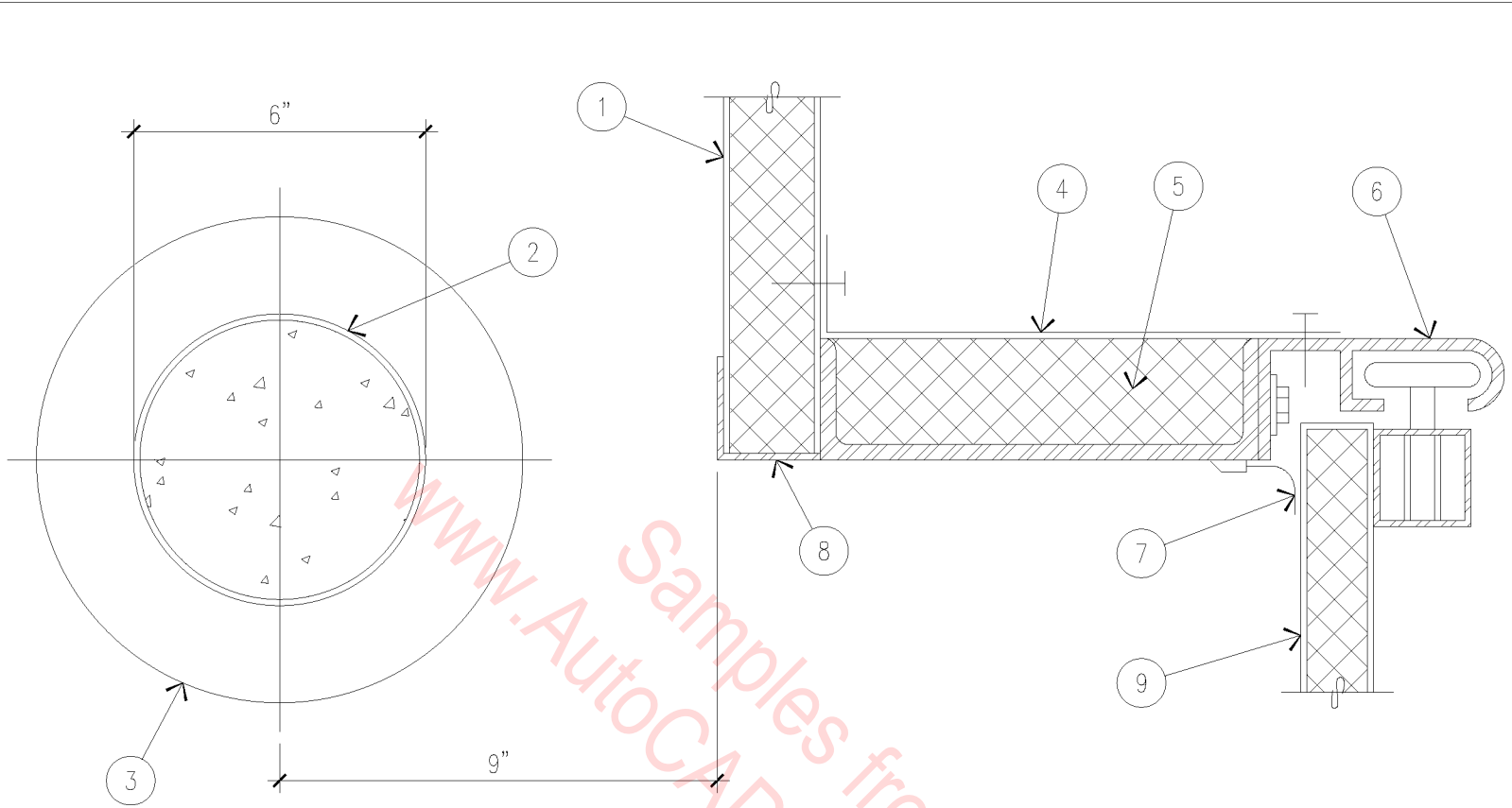
1. METAL WALL PANEL.
2. 6" Ø STEEL PIPE GUARD FILLED WITH CONCRETE.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. GUIDE TRACK.
7. PERIMETER WEATHERSTRIPPING.
8. WALL PANEL JAMB TRIM.
9. INSULATED OVERHEAD SECTIONAL DOOR.



# SECTIONAL DOOR JAMB

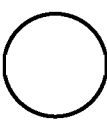
3" = 1'-0"

08A-7004



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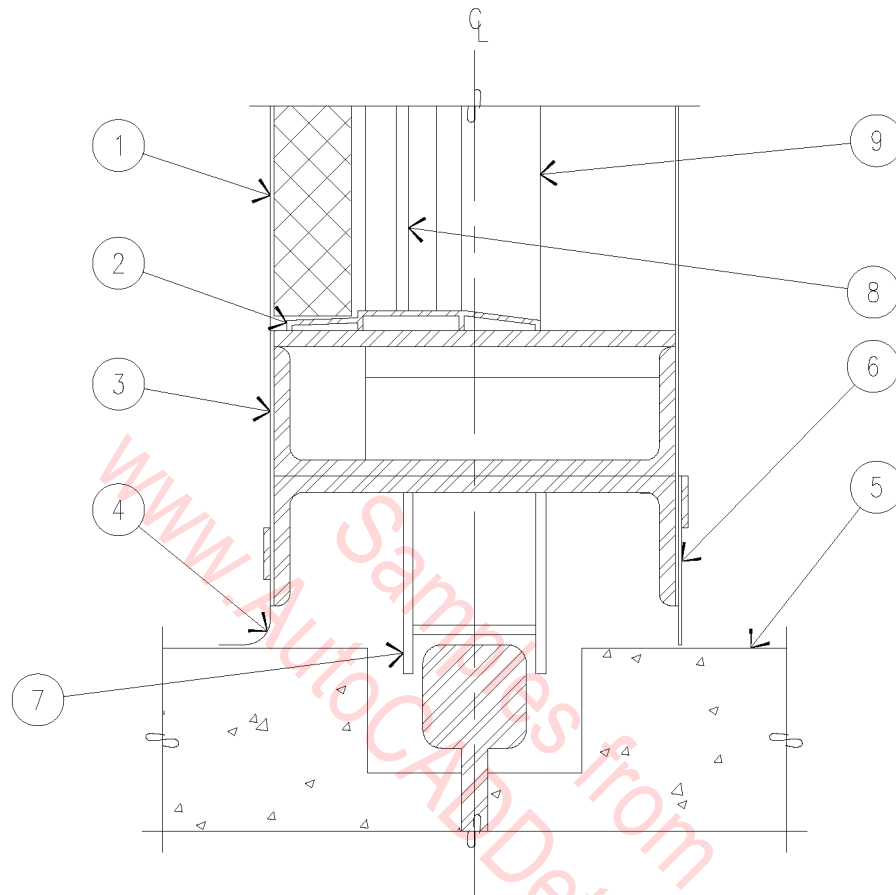
1. METAL WALL PANEL.
2. 6" Ø STEEL PIPE GUARD FILLED WITH CONCRETE.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. GUIDE TRACK.
7. PERIMETER WEATHERSTRIPPING.
8. WALL PANEL JAMB TRIM.
9. INSULATED OVERHEAD SECTIONAL DOOR.



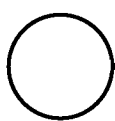
# SECTIONAL DOOR JAMB

3" = 1'-0"

08A-7004



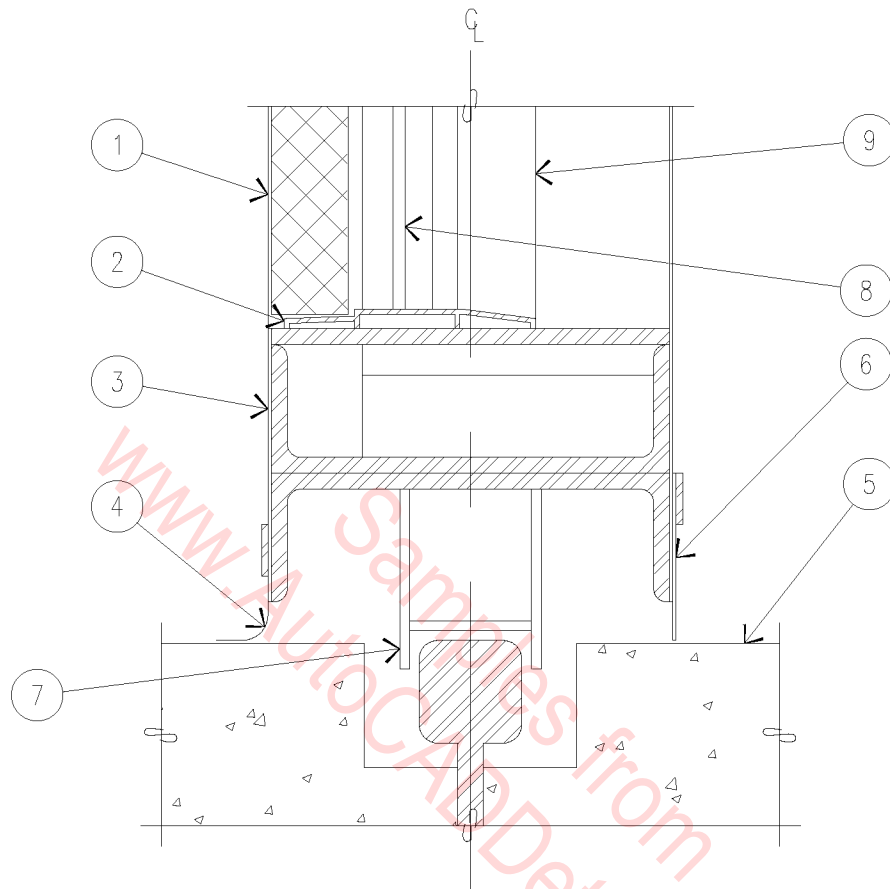
1. INSULATION DOOR.
2. METAL THRESHOLD SET IN BED SEALANT.
3. INSULATED ROLLING HANGER DOOR.
4. CONTINUOUS NEOPRENE WEATHER-STRIP (TYPICAL).
5. CONCRETE RAIL SLAB.
6. CONTINUOUS NEOPRENE TOE GUARD (TYPICAL).
7. HANGER DOOR GUIDE WHEEL BEYOND.
8. WEATHER-STRIPPING BEYOND.
9. HOLLOW METAL FRAME BEYOND.



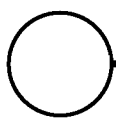
## HANGAR DOOR SILL

3" = 1'-0"

08A-7005



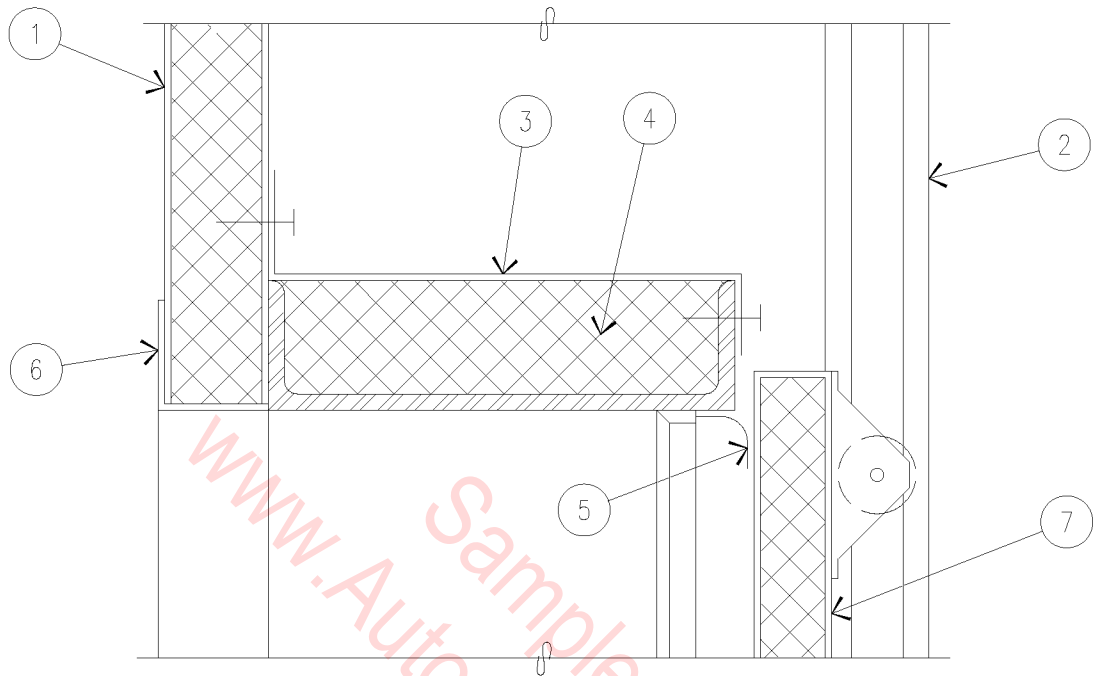
1. INSULATION DOOR.
2. METAL THRESHOLD SET IN BED SEALANT.
3. INSULATED ROLLING HANGER DOOR.
4. CONTINUOUS NEOPRENE WEATHER-STRIP (TYPICAL).
5. CONCRETE RAIL SLAB.
6. CONTINUOUS NEOPRENE TOE GUARD (TYPICAL).
7. HANGER DOOR GUIDE WHEEL BEYOND.
8. WEATHER-STRIPPING BEYOND.
9. HOLLOW METAL FRAME BEYOND.



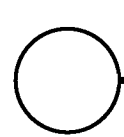
## HANGAR DOOR SILL

3" = 1'-0"

08A-7005



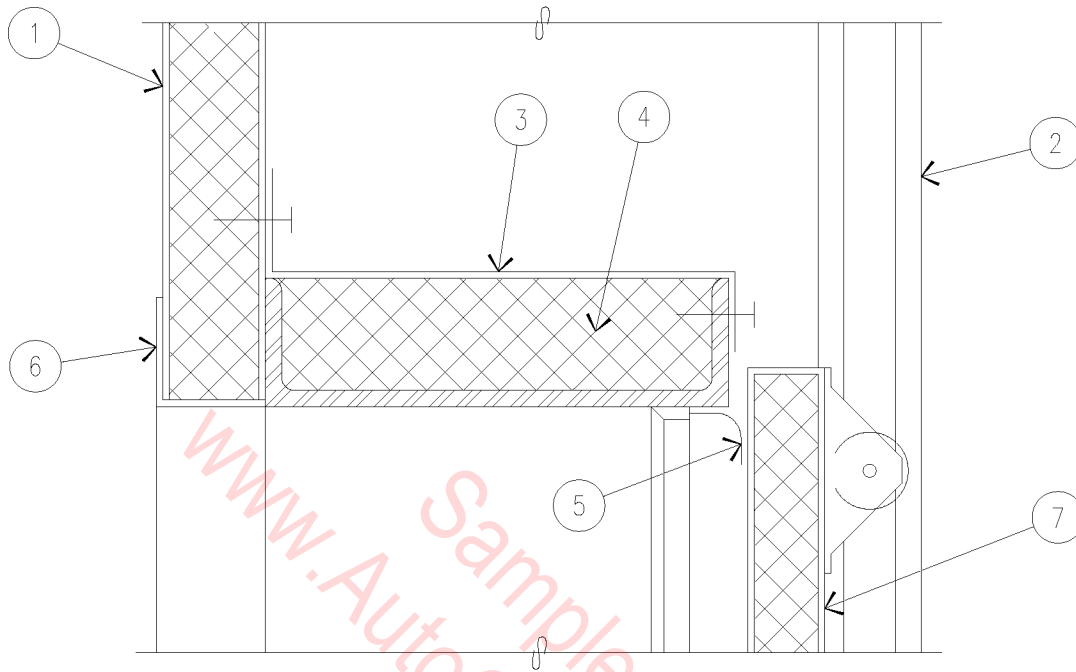
1. METAL WALL PANEL.
2. GUIDE TRACK BEYOND.
3. 20 GAUGE SHEET METAL CLOSURE.
4. R-10 RIGID INSULATION.
5. PERIMETER WEATHERSTRIPPING.
6. WALL PANEL JAMB TRIM.
7. INSULATED OVERHEAD SECTIONAL DOOR.



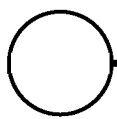
# SECTIONAL DOOR HEAD

3" = 1'-0"

08A-7006



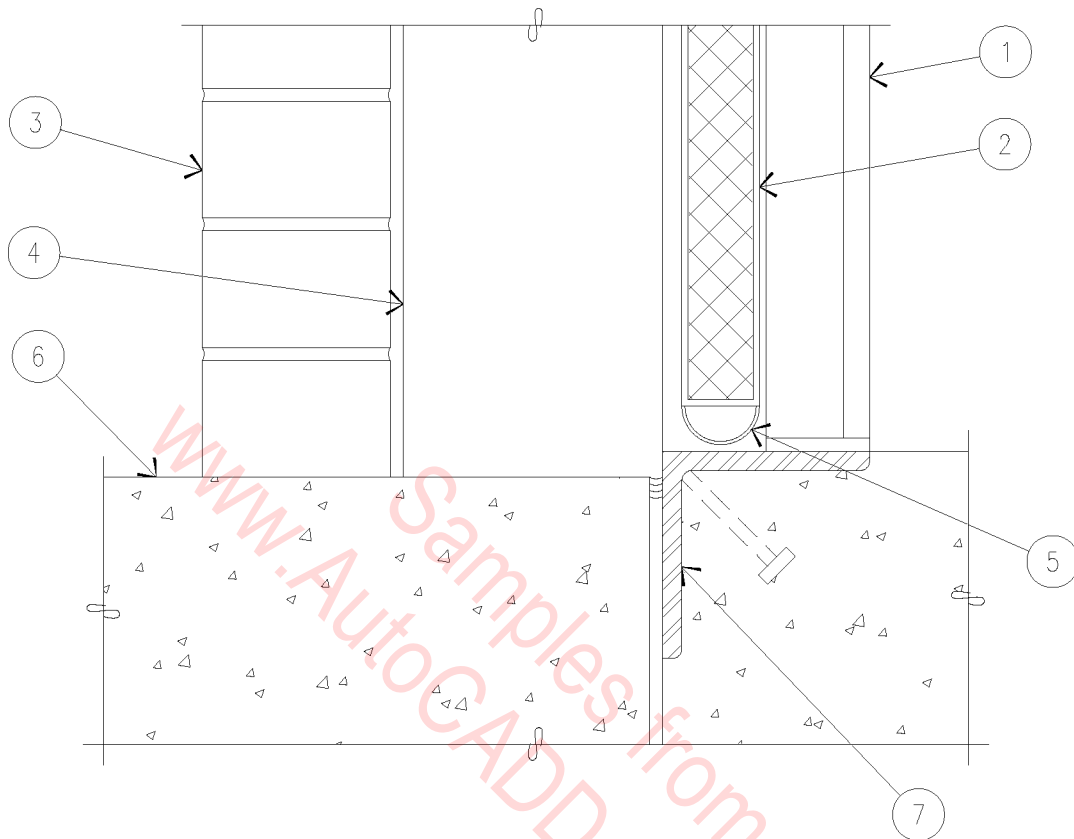
1. METAL WALL PANEL.
2. GUIDE TRACK BEYOND.
3. 20 GAUGE SHEET METAL CLOSURE.
4. R-10 RIGID INSULATION.
5. PERIMETER WEATHERSTRIPPING.
6. WALL PANEL JAMB TRIM.
7. INSULATED OVERHEAD SECTIONAL DOOR.



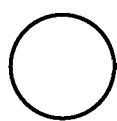
## SECTIONAL DOOR HEAD

3" = 1'-0"

08A-7006



1. STEEL SECTIONAL DOOR TRACK BEYOND.
2. INSULATED STEEL DOOR.
3. FACE BRICK BEYOND.
4. STEEL CHANNEL, PAINTED TO MATCH TRIM BEYOND.
5. WEATHER SEAL AT DOOR SILL.
6. CONCRETE FLOOR SLAB.
7. 4" X 4" X 3/8" GALVANIZED ANGLE WITH STUD ANCHORS.

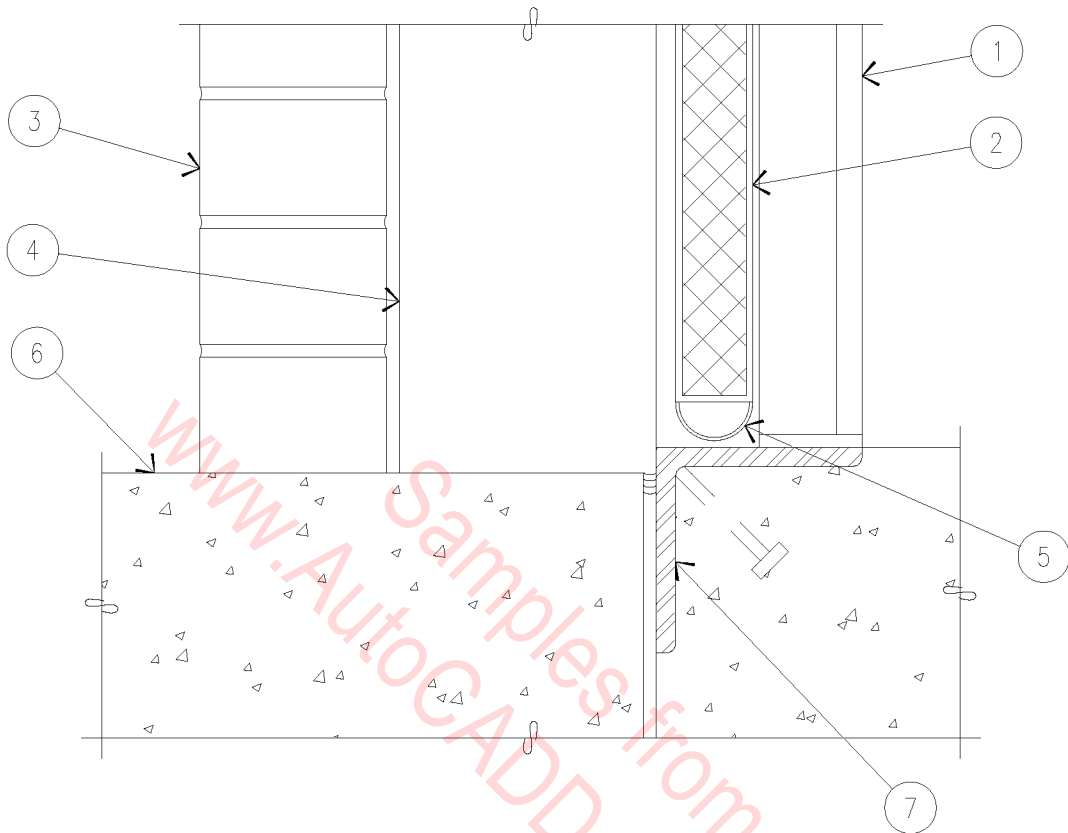


## SECTIONAL DOOR SILL

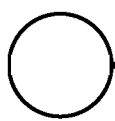
3" = 1'-0"

08A-7007





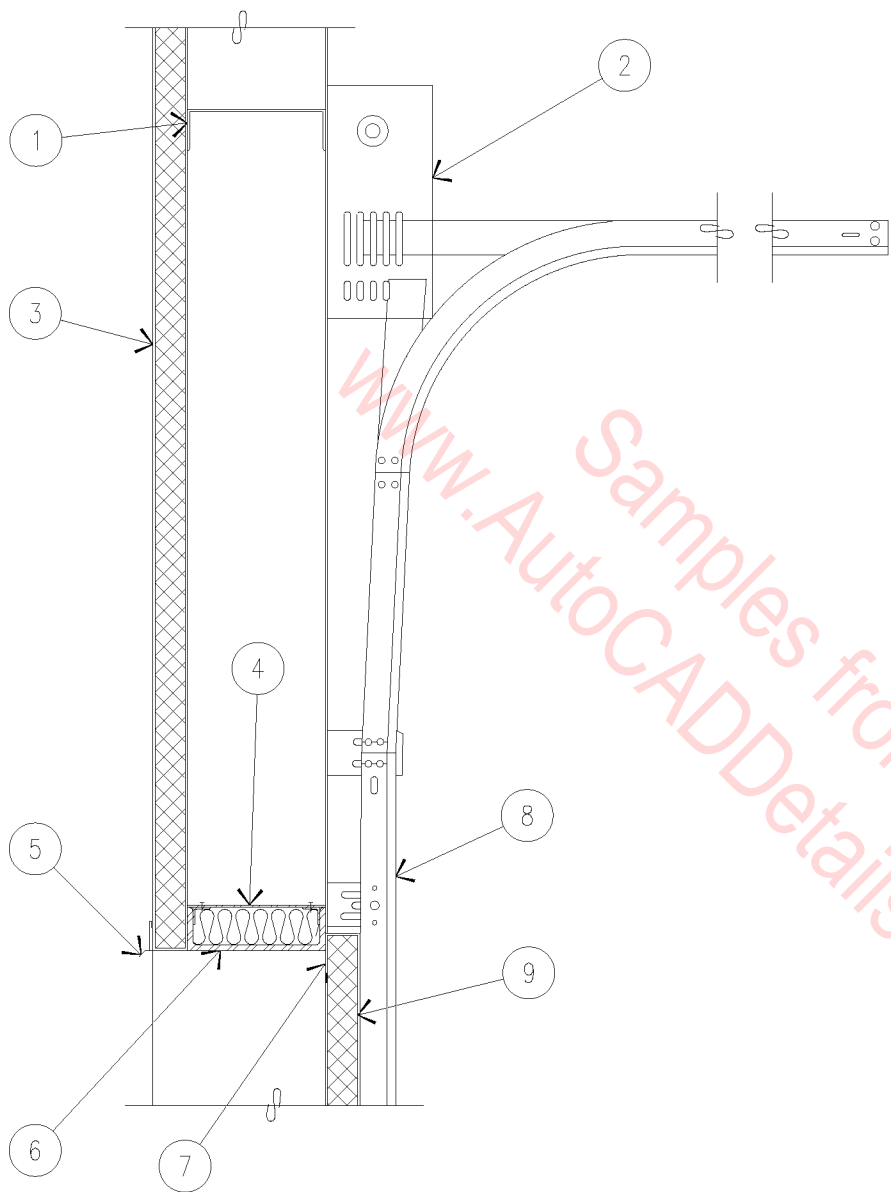
1. STEEL SECTIONAL DOOR TRACK BEYOND.
2. INSULATED STEEL DOOR.
3. FACE BRICK BEYOND.
4. STEEL CHANNEL, PAINTED TO MATCH TRIM BEYOND.
5. WEATHER SEAL AT DOOR SILL.
6. CONCRETE FLOOR SLAB.
7. 4" X 4" X 3/8" GALVANIZED ANGLE WITH STUD ANCHORS.



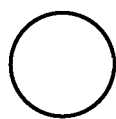
## SECTIONAL DOOR SILL

3" = 1'-0"

08A-7007



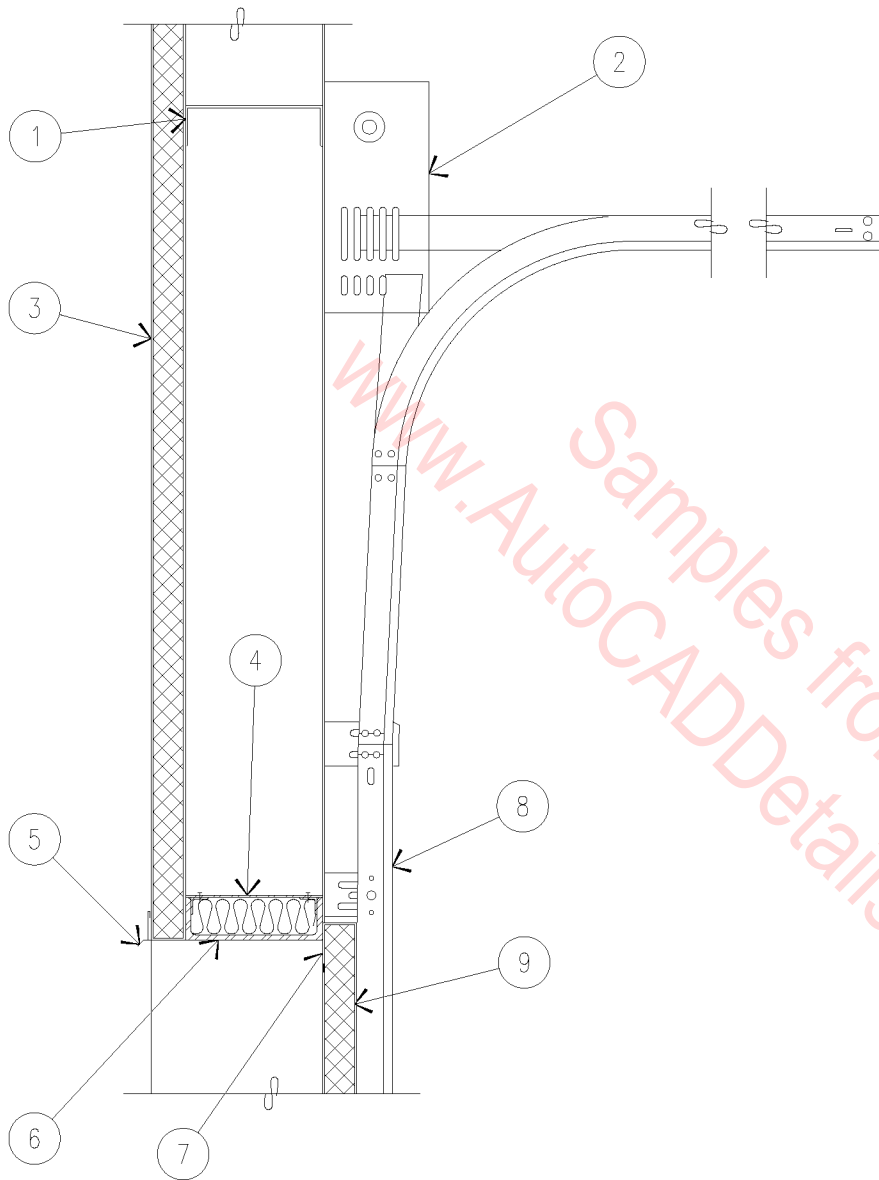
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH DRIP.
6. STEEL GIRT PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.



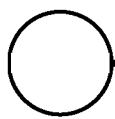
# SECTIONAL DOOR HEAD

1" = 1'-0"

08A-7008



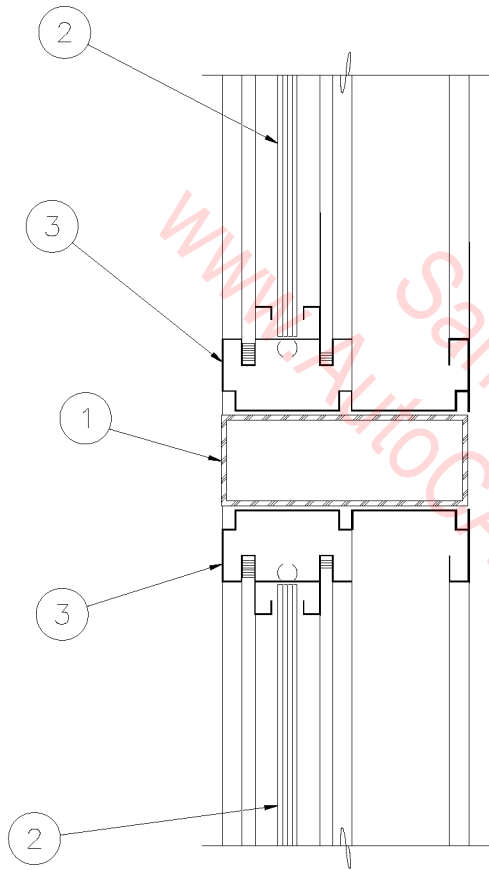
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH DRIP.
6. STEEL GIRT PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.



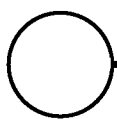
# SECTIONAL DOOR HEAD

1" = 1'-0"

08A-7008



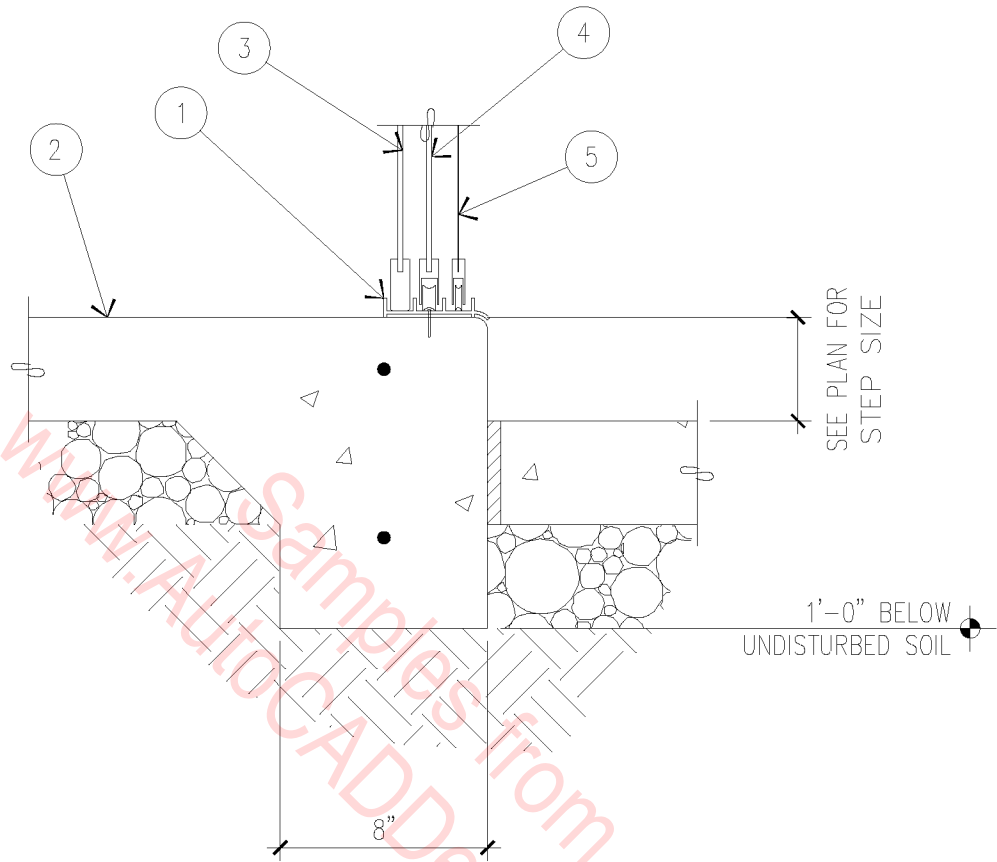
1. 1-3/4" ALUMINUM STOREFRONT.
2. GLAZING.
3. ALUMINUM SLIDING DOOR ASSEMBLY.



# ALUMINUM SLIDING DOOR

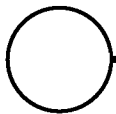
3" = 1'-0"

08A-4001



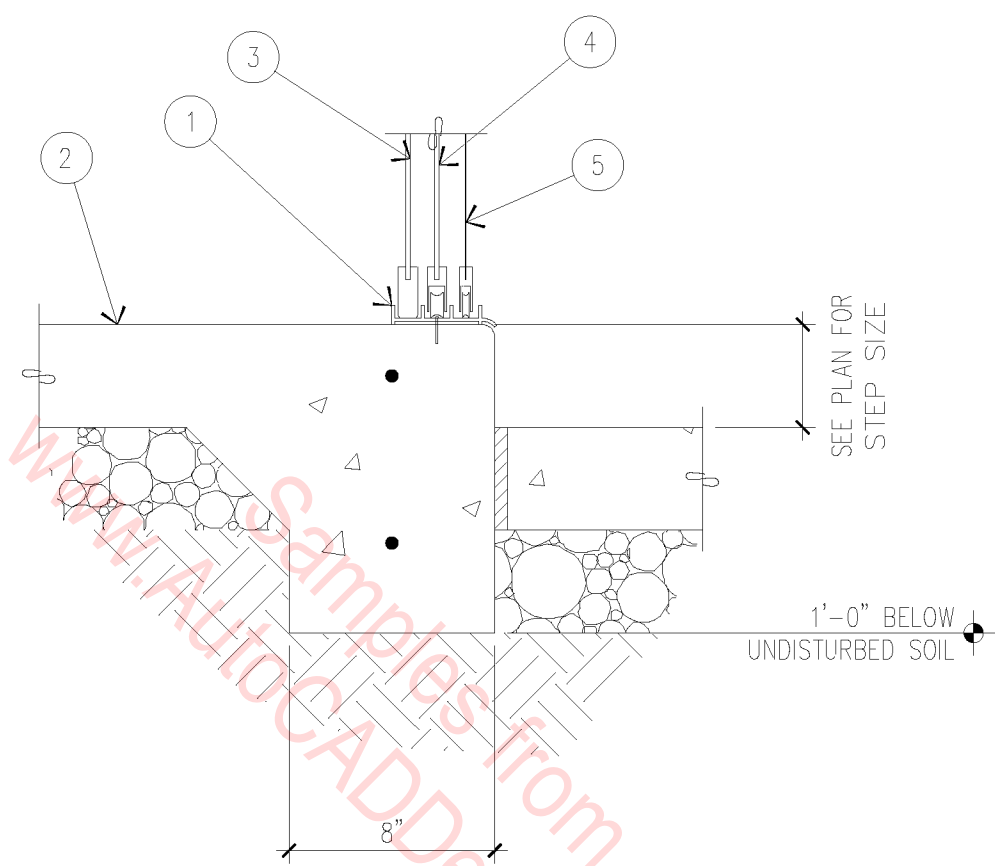
1. ALUMINUM BOTTOM TRACK.
2. 4" CONCRETE SLAB OVER  
4" A.B.C. FILL.
3. FIXED GLASS PANEL.
4. SLIDING GLASS PANEL.
5. SLIDING SCREEN.

# SLIDING GLASS DOOR BOTTOM TRACK



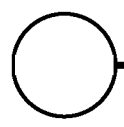
1 1/2" = 1'-0"

08A-4002



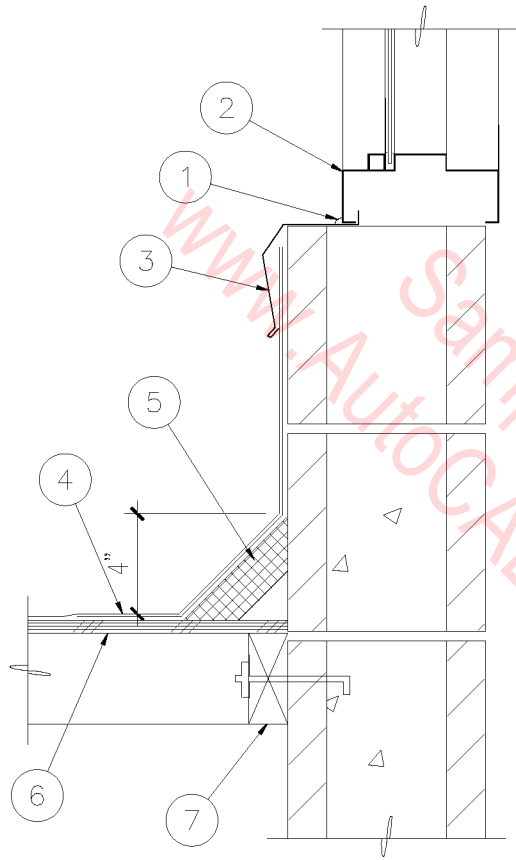
1. ALUMINUM BOTTOM TRACK.
2. 4" CONCRETE SLAB OVER 4" A.B.C. FILL.
3. FIXED GLASS PANEL.
4. SLIDING GLASS PANEL.
5. SLIDING SCREEN.

# SLIDING GLASS DOOR BOTTOM TRACK

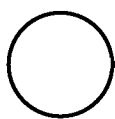


1 1/2" = 1'-0"

08A-4002



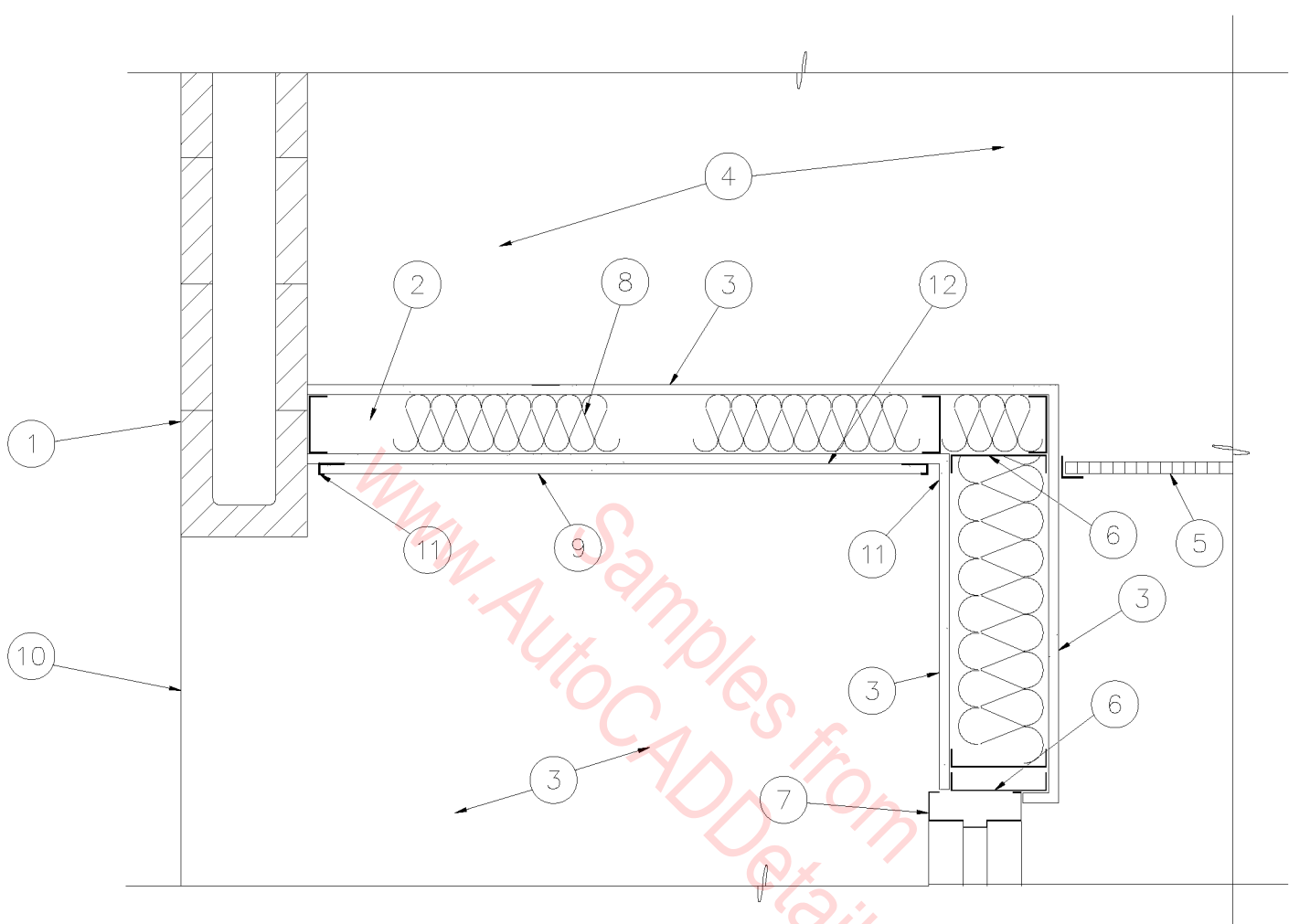
1. SEALANT.
2. HOLLOW METAL FRAME.
3. 26 GAUGE GALVANIZED SHEET METAL COUNTERFLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
5. 4" CANT STRIP.
6. PLYWOOD ROOF DECK.
7. 2 X 4 FIRE RETARDANT WOOD LEDGER, CONTINUOUS.



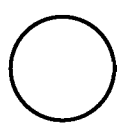
## FLASHING AT WINDOW

1 1/2" = 1'-0"

08A-1001



- |  |   |
|--|---|
| 1. MASONRY WALL.   | 7. HOLLOW METAL FRAME.                            |
| 2. 3-5/8" X 18 GAUGE METAL STUDS AT 16" O.C.             | 8. FULL SOUND DEADENING INSULATION.               |
| 3. 5/8" TYPE 'X' GYPSUM BOARD.                           | 9. (2) LAYERS OF 1/2" TYPE 'X' GYPSUM BOARD.      |
| 4. 1 HOUR WALL SYSTEM. UL DESIGN NO. U465, WHERE OCCURS. | 10. EDGE OF WALL BEYOND.                          |
| 5. ACOUSTICAL CEILING.                                   | 11. 1/2" REVEAL.                                  |
| 6. 6" METAL STUDS AT 16" O.C. UL DESIGN NO. U465.        | 12. 1 HOUR CEILING SIMILAR TO UL DESIGN NO. L524. |

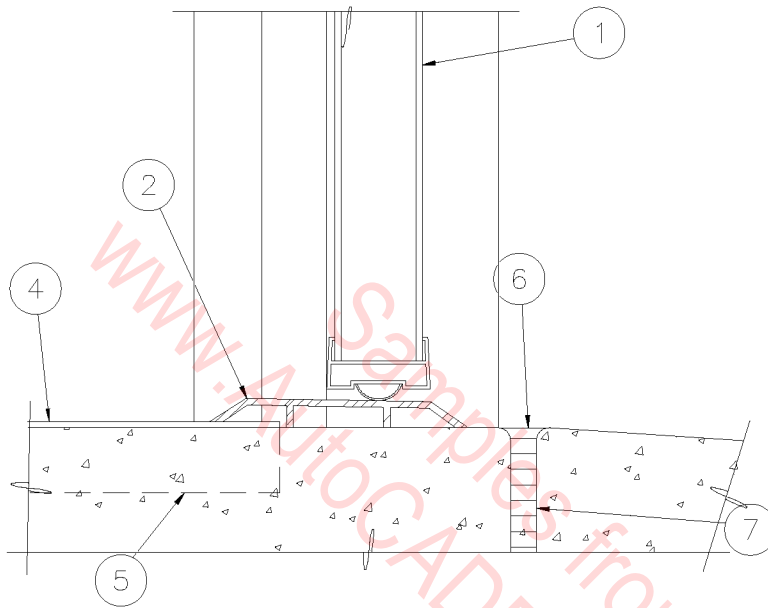


## DOOR ALCOVE SECTION

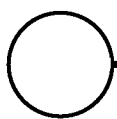
1" = 1'-0"

08A-1002





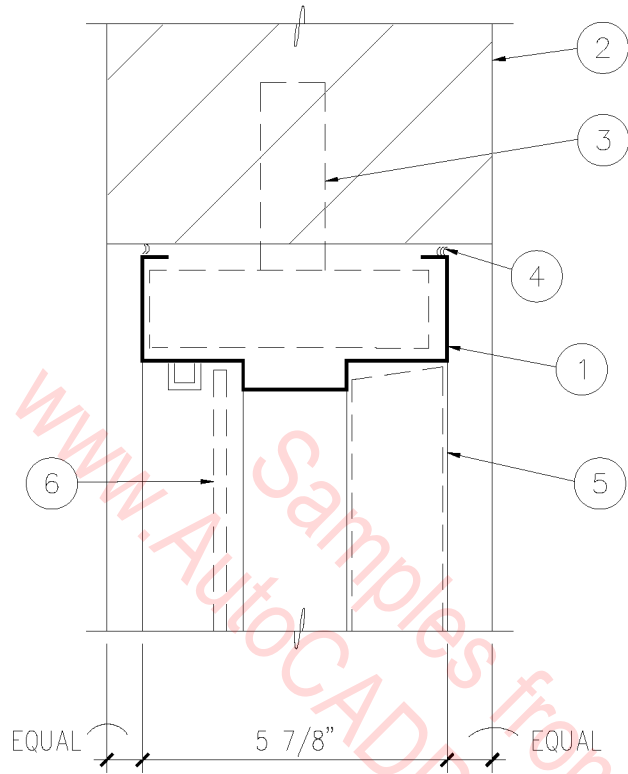
1. HOLLOW METAL DOOR.
2. ALUMINUM THRESHOLD SET IN SEALANT AND ON TOP OF FLOOR FINISH (CARPET, VCT ETC.).
3. SLOPE CONCRETE SLAB AWAY FROM DOOR.
4. FINISH FLOOR.
5. FLOOR DEPRESSION WHERE APPLICABLE FOR CERAMIC TILE (MUD SET OR THIN SET).
6. SEALANT.
7. EXPANSION JOINT.



## EXTERIOR THRESHOLD

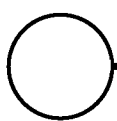
3" = 1'-0"

08A-1003



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

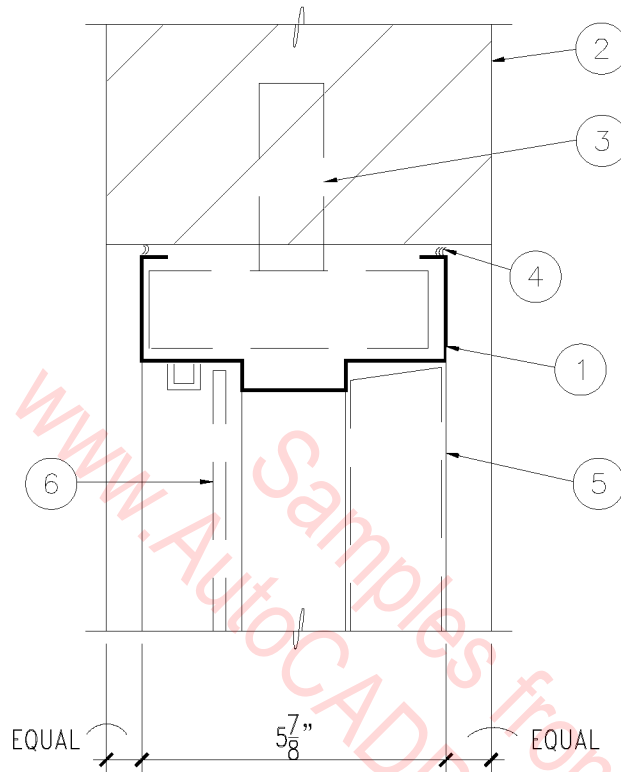
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. DOOR WHERE APPLICABLE.
6. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL FRAME

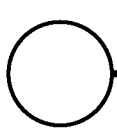
3" = 1'-0"

08A-1004



JAMB CONDITION – HEAD & WINDOW SILL SIMILAR

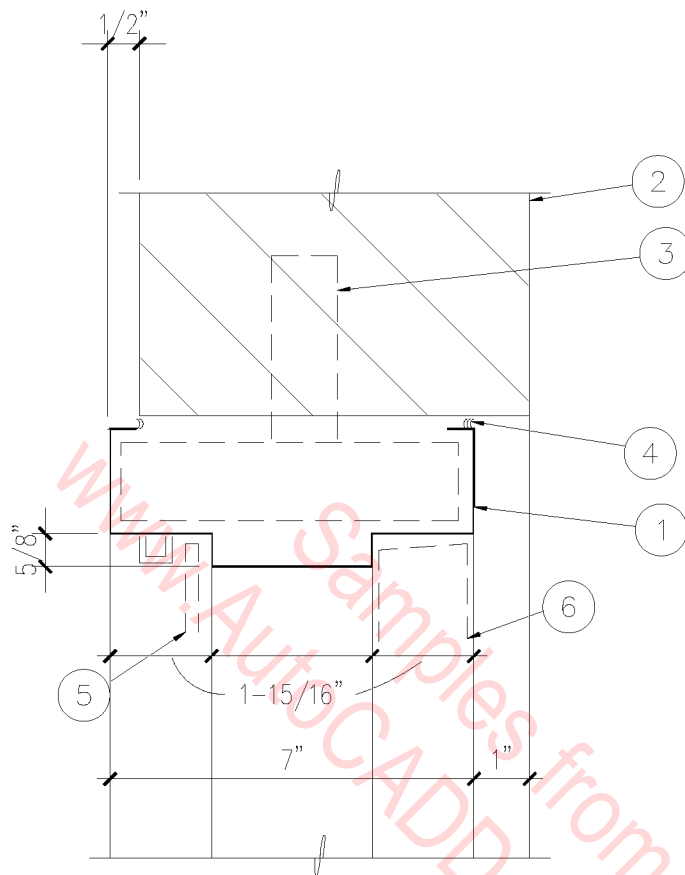
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. DOOR WHERE APPLICABLE.
6. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL FRAME

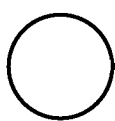
3" = 1'-0"

08A-1004



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

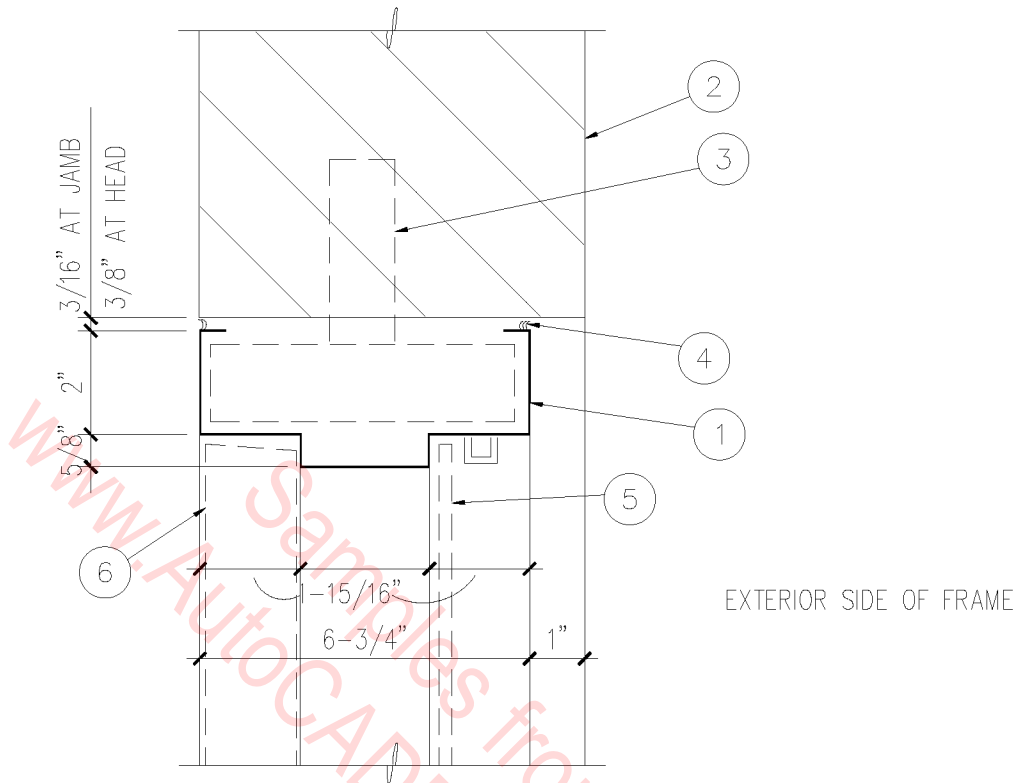
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
6. DOOR WHERE APPLICABLE.



## HOLLOW METAL FRAME

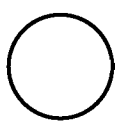
3" = 1'-0"

08A-1005



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

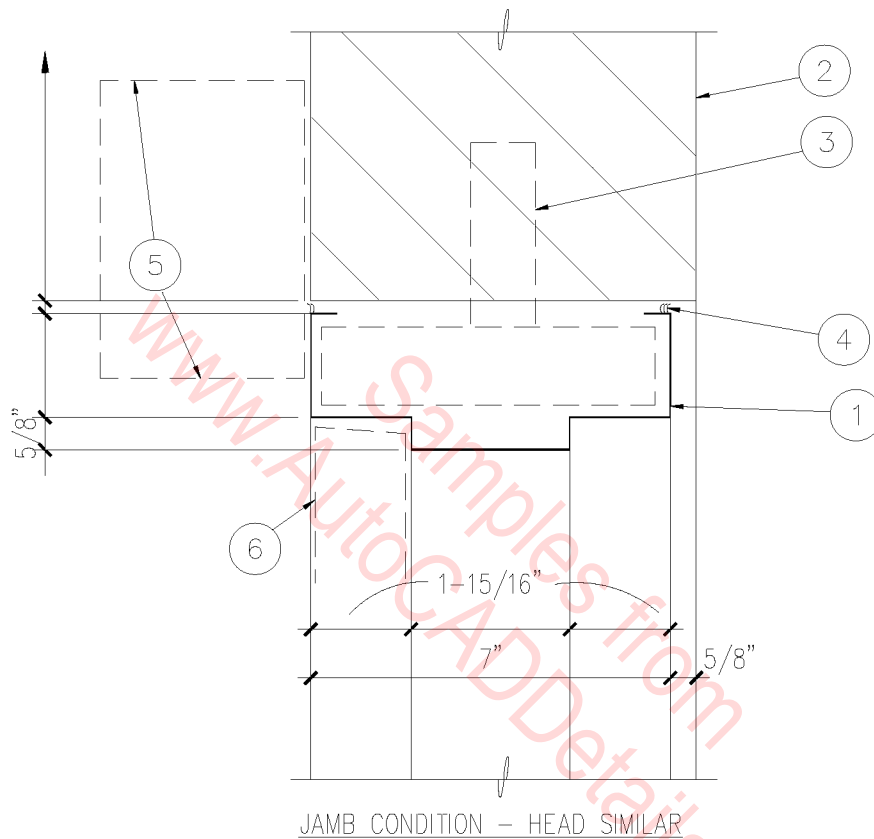
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
6. DOOR WHERE APPLICABLE.



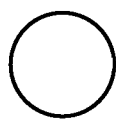
HOLLOW METAL FRAME

3" = 1'-0"

08A-1006



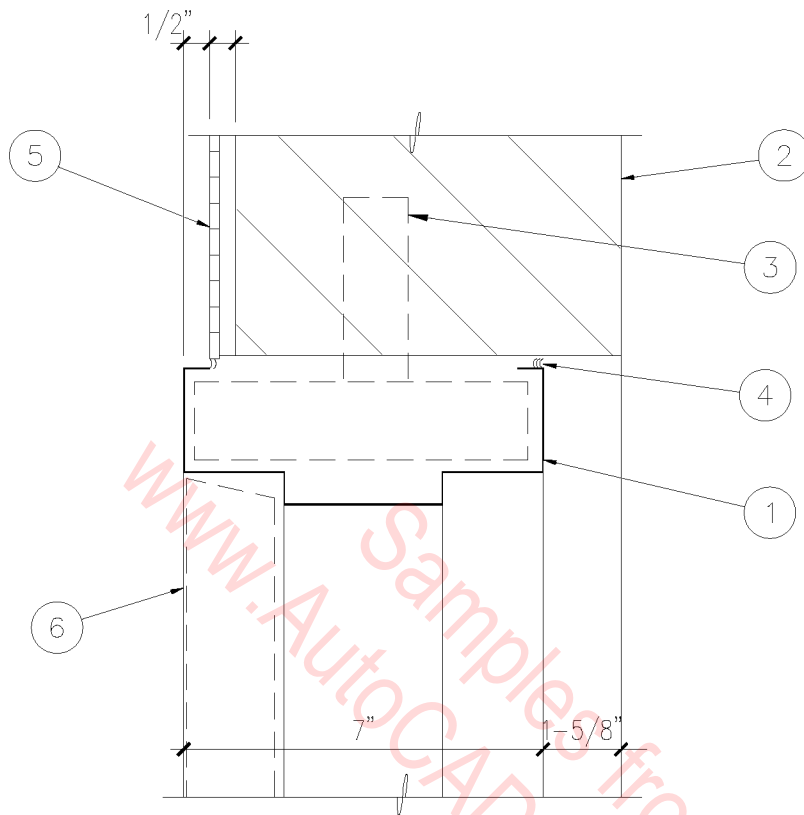
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. AUTOMATIC DOOR OPERATOR AT HEAD FOR HANDICAPPED ACCESS.
6. DOOR WHERE APPLICABLE.



## HOLLOW METAL FRAME

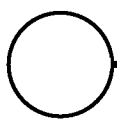
3" = 1'-0"

08A-1007



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

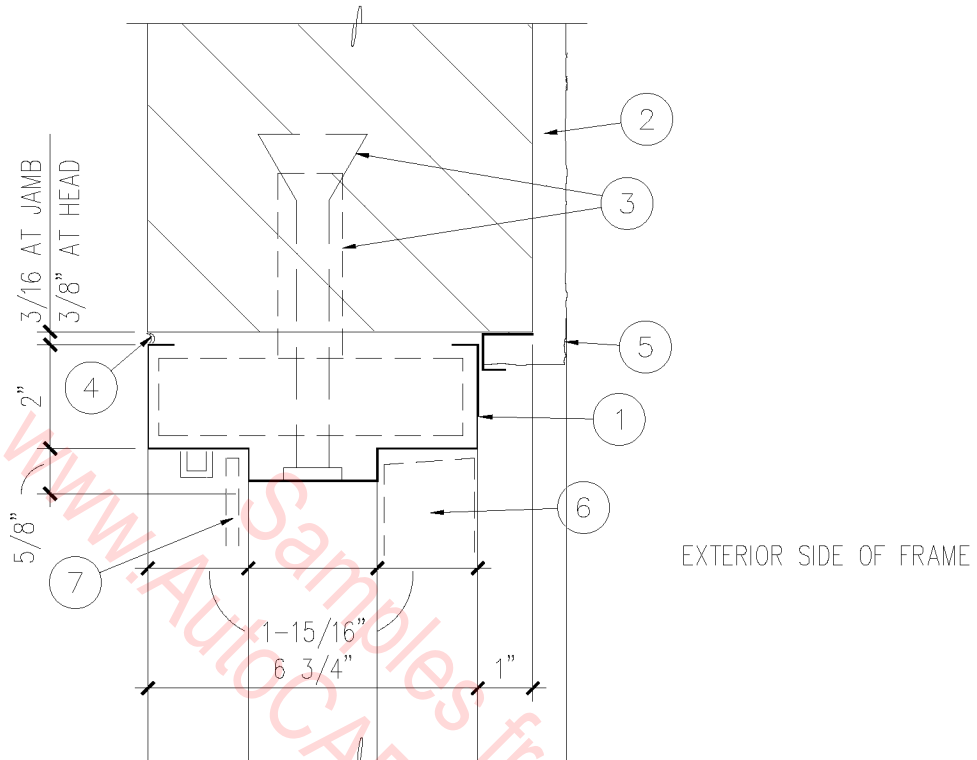
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. 1/4" CERAMIC TILE THIN SET ON 1/4" CEMENT MORTAR BED LEVELING COAT.
6. DOOR WHERE APPLICABLE.



HOLLOW METAL FRAME

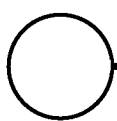
3" = 1'-0"

08A-1008



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB (NEW CONSTRUCTION); EXPANSION ANCHORS AT FRAME (EXISTING CONSTRUCTION).
4. SEALANT.
5. 5/8" CEMENT PLASTER.
6. DOOR WHERE APPLICABLE.
7. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



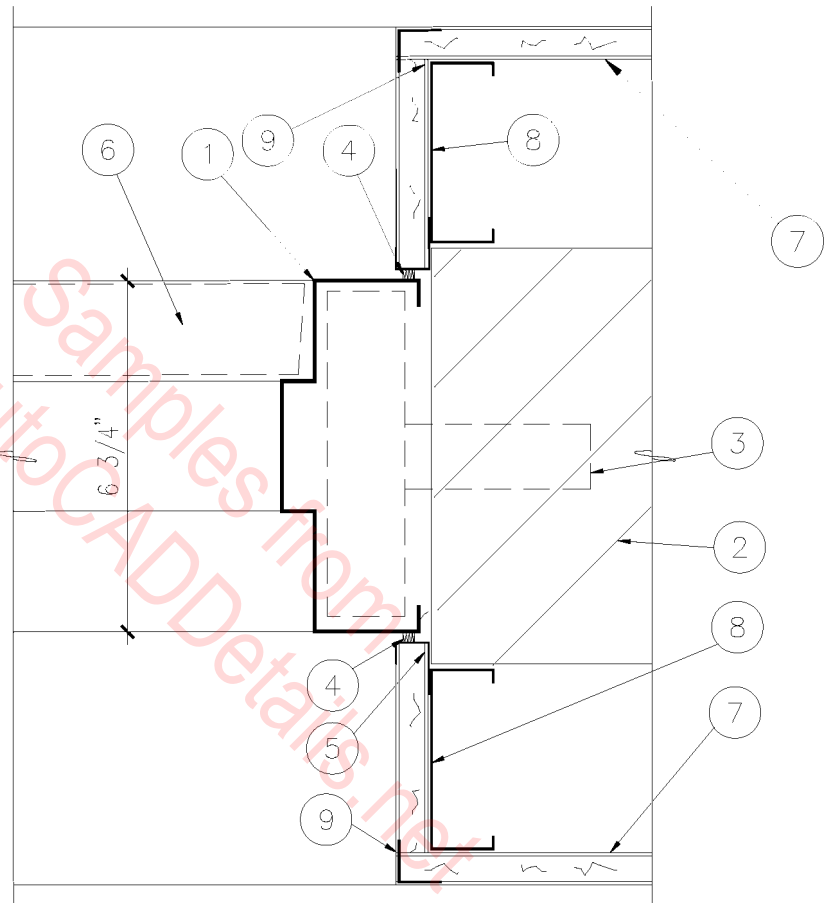
## HOLLOW METAL FRAME

3" = 1'-0"

08A-1009

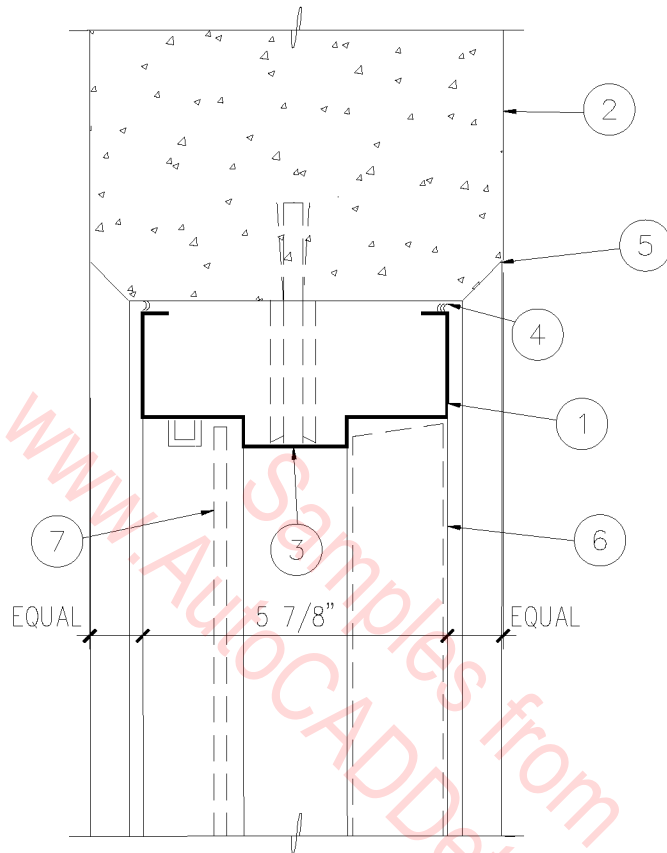


1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. CASING BEAD.
6. DOOR WHERE APPLICABLE.
7. 5/8" GYPSUM BOARD.
8. METAL STUDS.
9. CORNER BEAD.



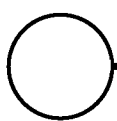
○ HOLLOW METAL FRAME  
 3" = 1'-0"

08A-1010



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

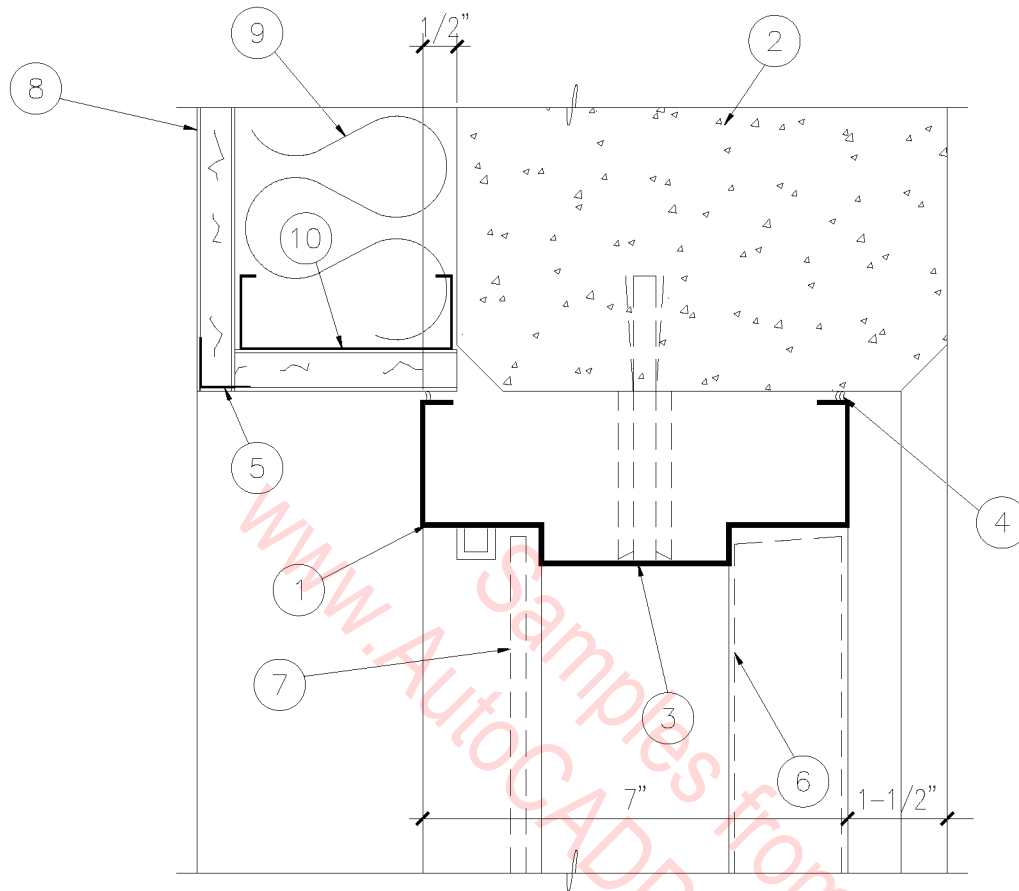
1. HOLLOW METAL FRAME, DIMPLE FRAMES AS REQUIRED.
2. CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. 3/4" CHAMFER.
6. DOOR WHERE APPLICABLE.
7. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL FRAME

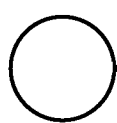
3" = 1'-0"

08A-1011



JAMB CONDITION — HEAD & WINDOW SILL SIMILAR

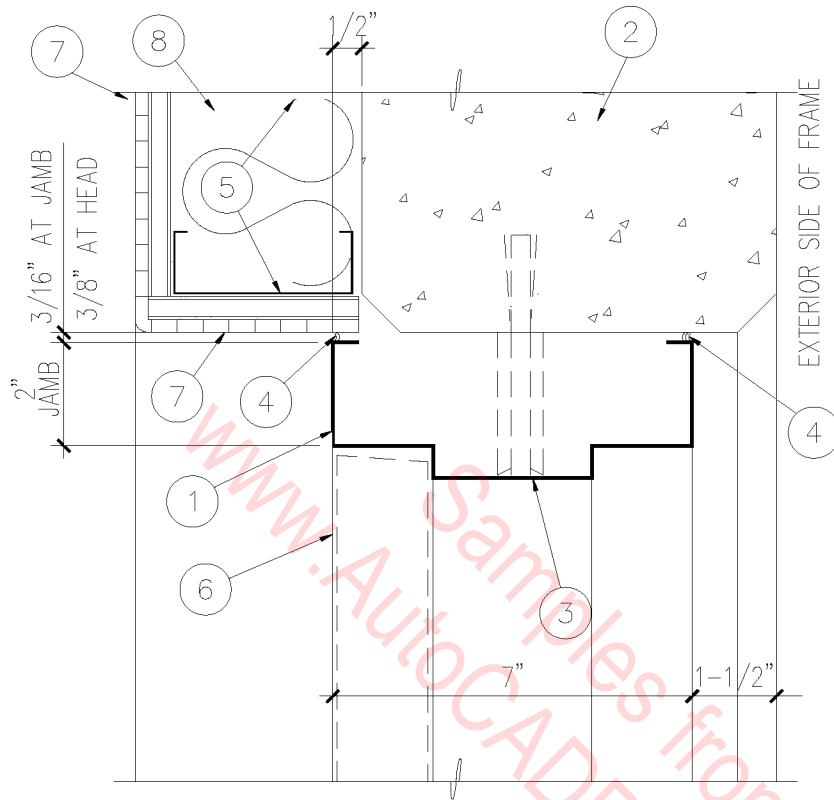
1. HOLLOW METAL FRAME, DIMPLE FRAMES AS REQUIRED.
2. CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. CORNER BEAD.
6. DOOR WHERE APPLICABLE, SEE PLAN & SCHEDULE.
7. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
8. 5/8" GYP. BOARD.
9. R-11 BATT INSULATION.
10. METAL STUDS AT 24" O.C.



## HOLLOW METAL FRAME

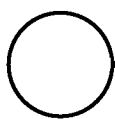
3" = 1'-0"

08A-1012



JAMB CONDITION - HEAD SIMILAR

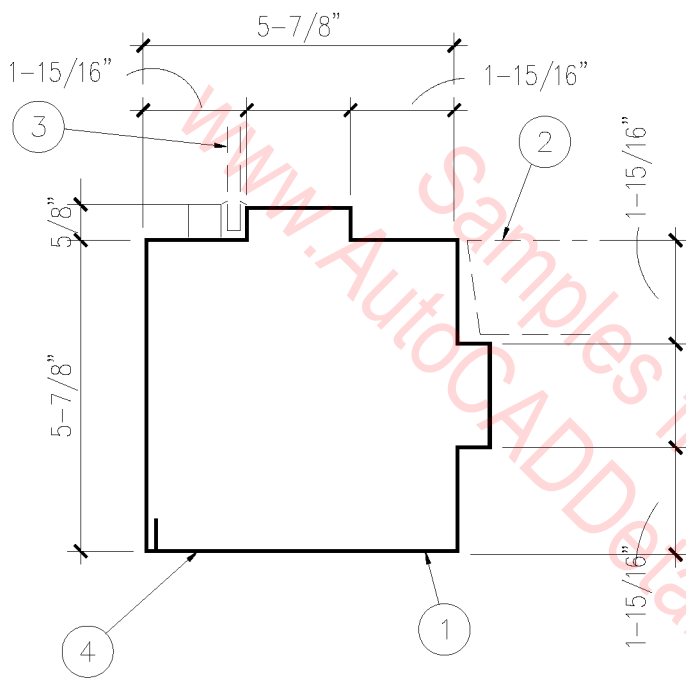
1. HOLLOW METAL FRAME.
2. PRECAST CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. METAL STUDS AT 24" O.C.
6. DOOR WHERE APPLICABLE.
7. 1/4" CERAMIC TILE THIN SET ON 7/16" GLASS MESH MORTAR UNIT.
8. R-11 BATT INSULATION.



HOLLOW METAL FRAME

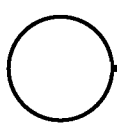
3" = 1'-0"

08A-1013



CORNER VERTICAL MULLION

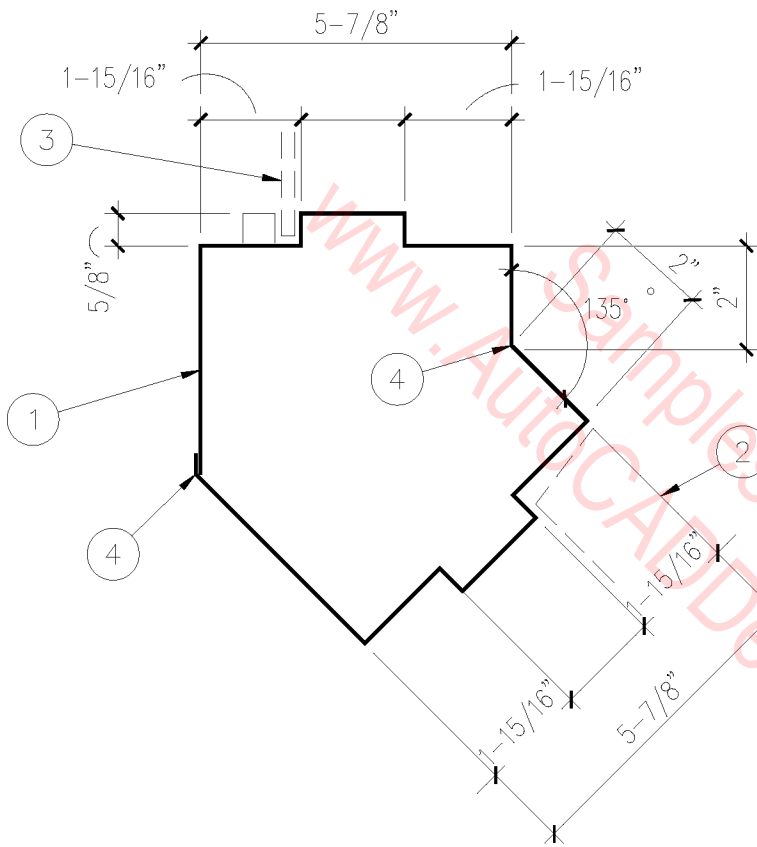
1. HOLLOW METAL FRAME.
2. DOOR WHERE APPLICABLE.
3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
4. CONTINUOUS WELD AND GRIND SMOOTH.



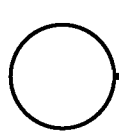
HOLLOW METAL MULLION

3" = 1'-0"

08A-1014



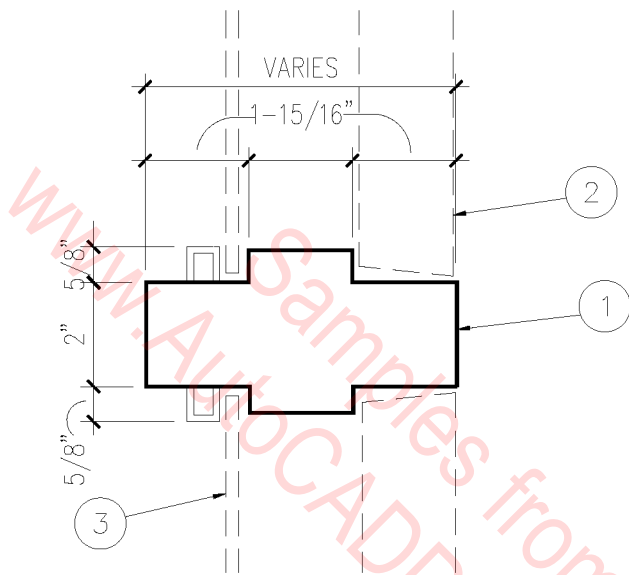
1. HOLLOW METAL FRAME.
2. DOOR WHERE APPLICABLE.
3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
4. CONTINUOUS WELD AND GRIND SMOOTH.



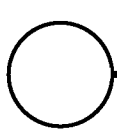
HOLLOW METAL MULLION

3" = 1'-0"

08A-1015



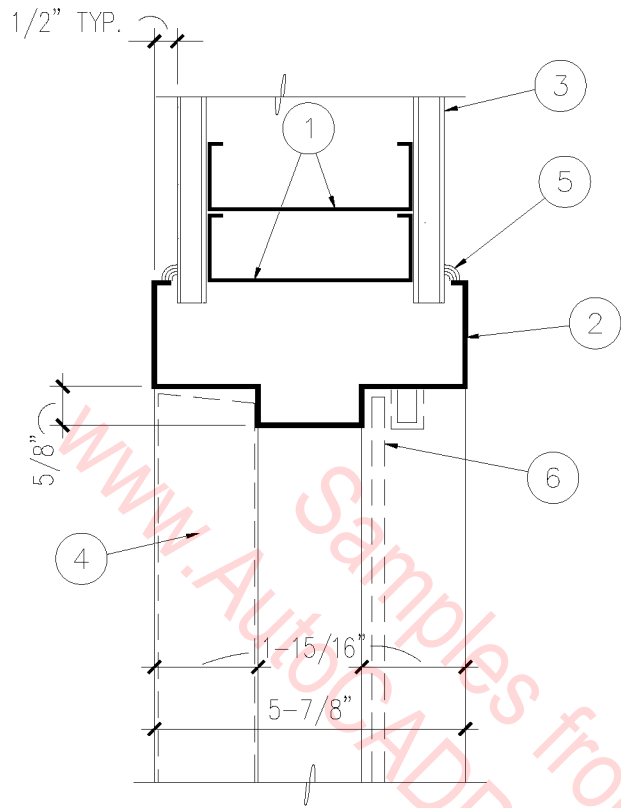
1. HOLLOW METAL FRAME.
2. DOOR WHERE APPLICABLE.
3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL MULLION

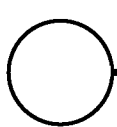
3" = 1'-0"

08A-1016



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP. BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. GLAZING WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.

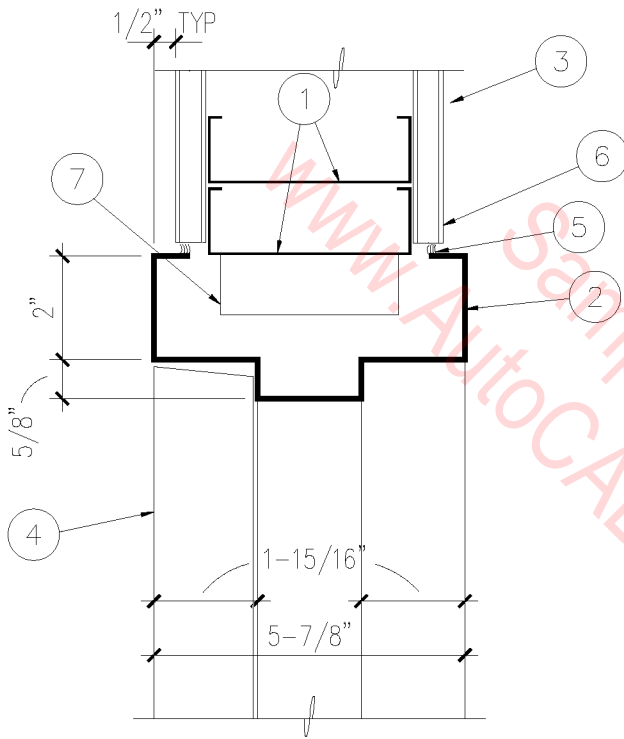


## HOLLOW METAL FRAME

3" = 1'-0"

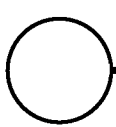
08A-1017





1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP. BOARD EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. STEEL STUD ANCHORS AT JAMB.

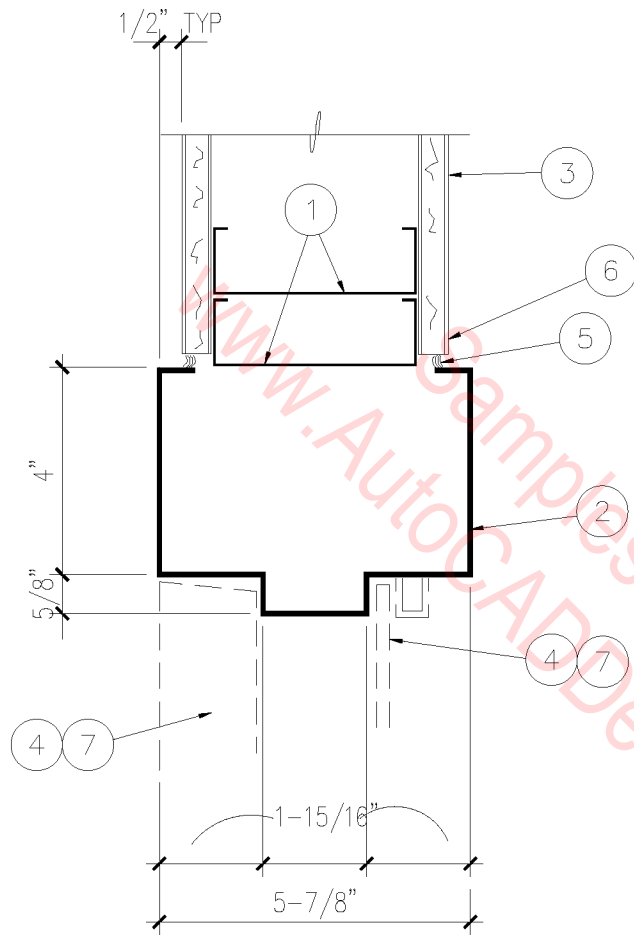
JAMB CONDITION - HEAD & WINDOW SILL SIMILAR



HOLLOW METAL FRAME

3" = 1'-0"

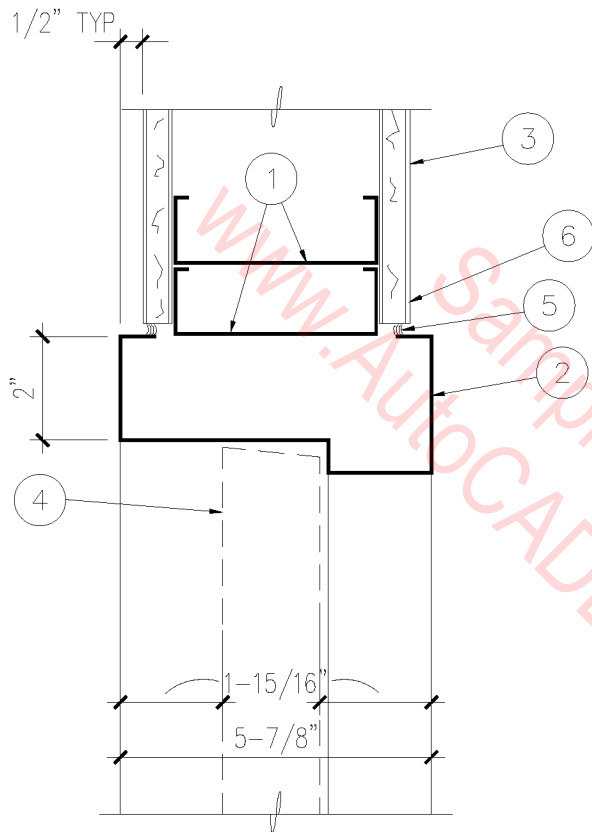
08A-1018



1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.

○
4<sup>99</sup> HOLLOW METAL FRAME  
3" = 1'-0"

08A-1019

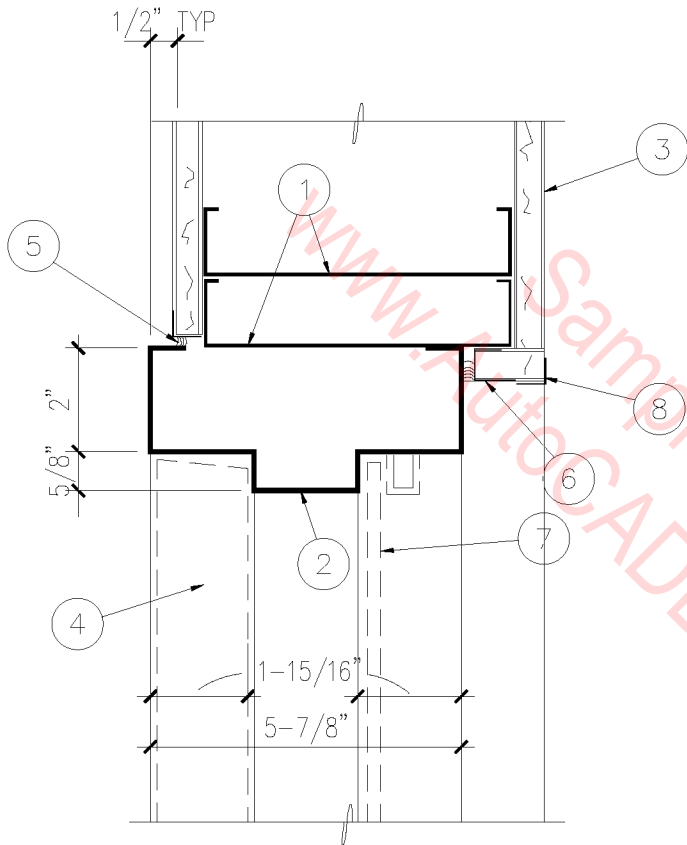


1. 3-5/8" METAL STUDS, SEE WALL TYPES.
2. HOLLOW METAL FRAME, GROUTED SOLID.
3. 5/8" GYP BOARD, EACH SIDE.
4. BI-FOLD DOOR SEE PLAN & SCHEDULE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.

○ HOLLOW METAL FRAME

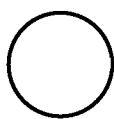
3" = 1'-0"

08A-1020



1. 6" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
8. CORNER BEAD.

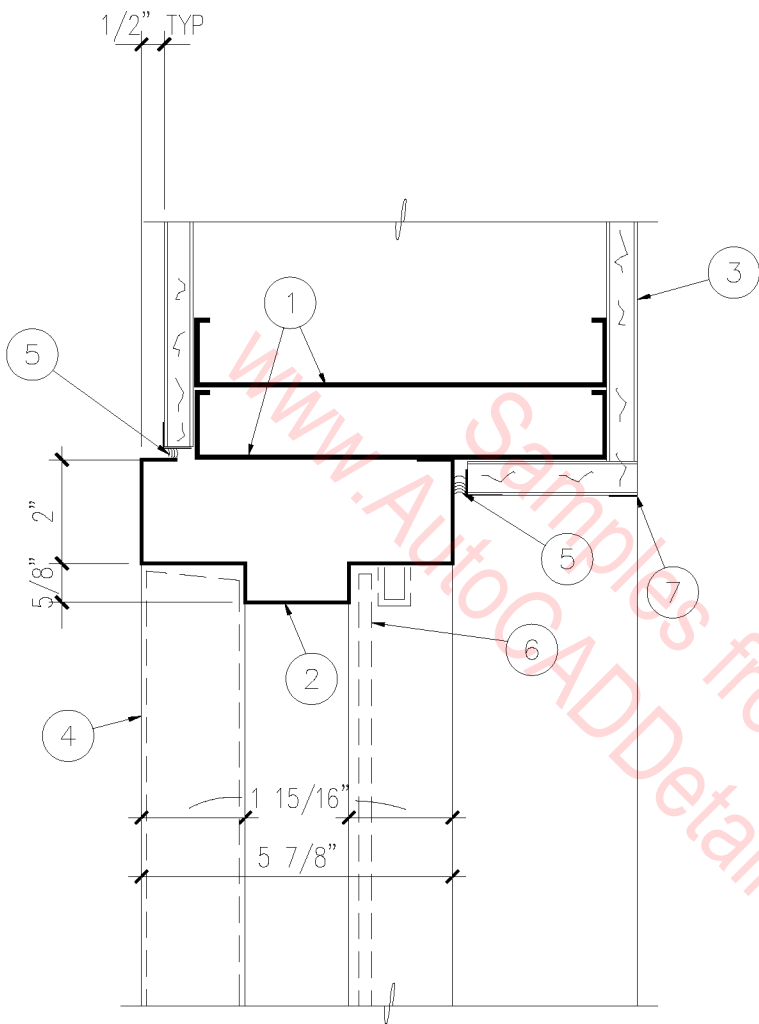
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL FRAME

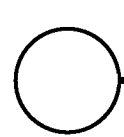
3" = 1'-0"

08A-1021



- 1. 8" METAL STUDS.
- 2. HOLLOW METAL FRAME.
- 3. 5/8" GYP. BOARD, EACH SIDE.
- 4. DOOR WHERE APPLICABLE.
- 5. CASING BEAD EACH SIDE.
- 6. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
- 7. CORNER BEAD.

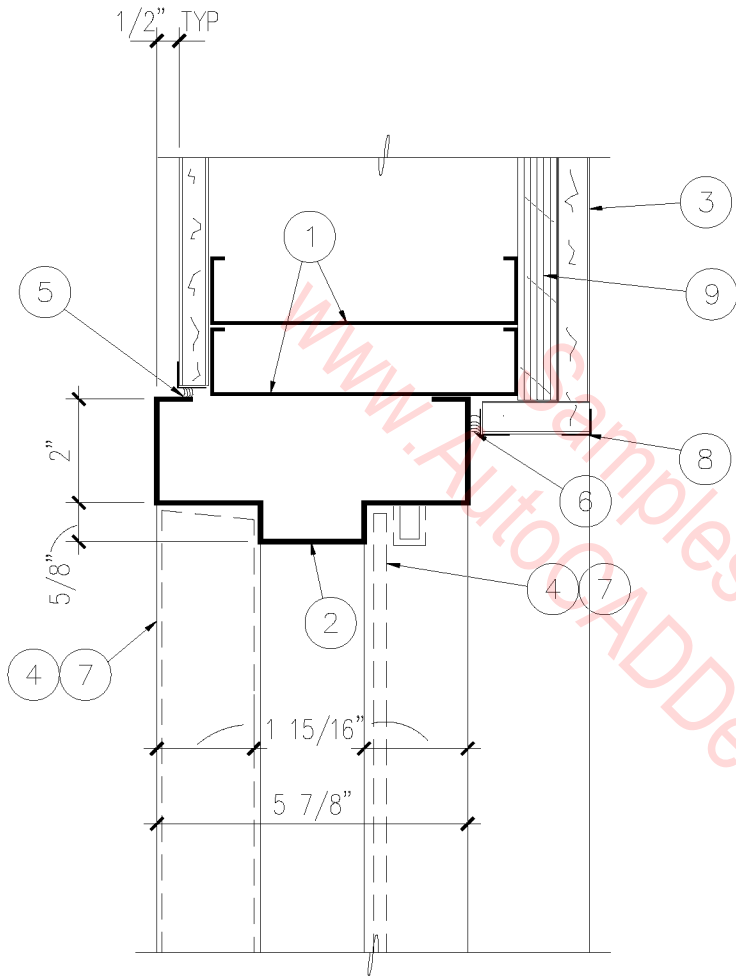
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL DOOR

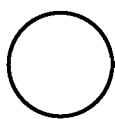
3" = 1'-0"

08A-1022



1. 6" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
8. CORNER BEAD.
9. 3/4" PLYWOOD, FIRE TREATED.

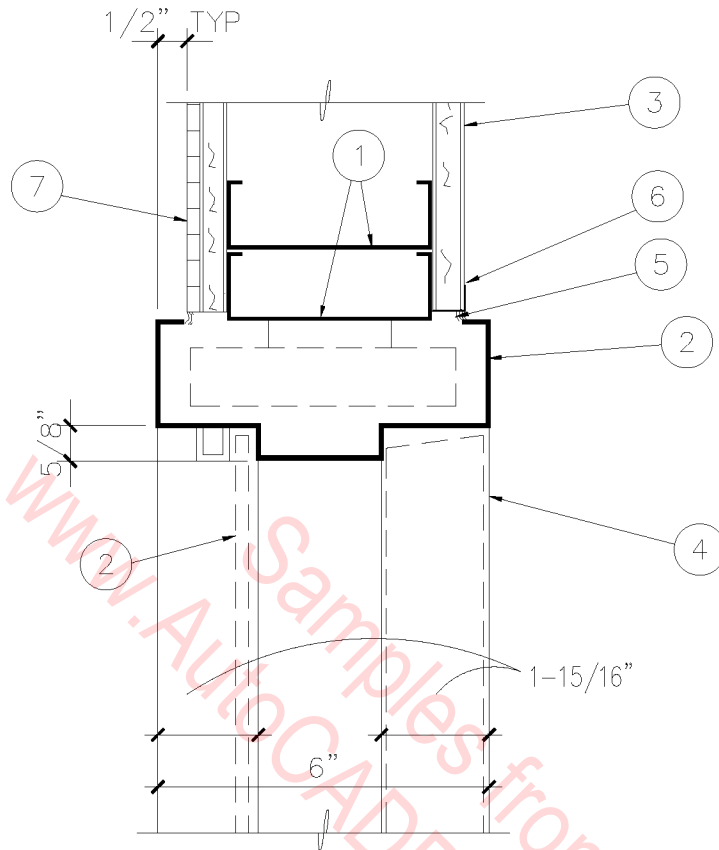
JAMB CONDITION - HEAD SIMILAR



## HOLLOW METAL FRAME

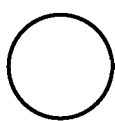
3" = 1'-0"

08A-1023



JAMB CONDITION – HEAD AND WINDOW SILL SIMILAR

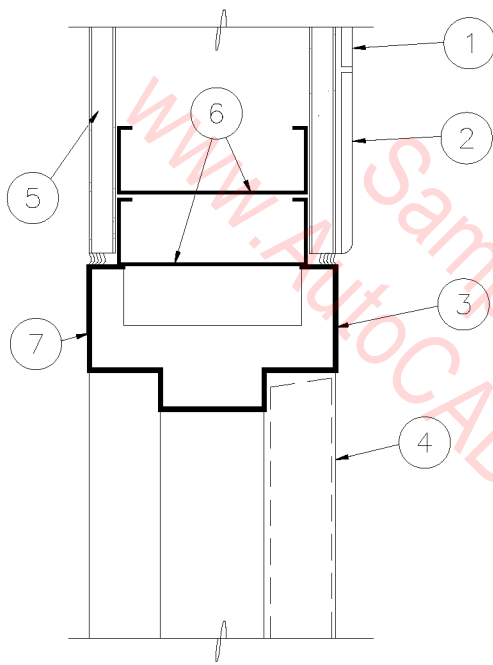
1. 3-5/8" METAL STUDS.
2. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
3. 5/8" GYP. BOARD.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD.
7. 1/4" CERAMIC TILE ON 7/16" GLASS MESH MORTAR UNIT.



## HOLLOW METAL FRAME

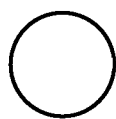
3" = 1'-0"

08A-1024



1. THIN SET CERAMIC TILE.
2. BULLNOSE AS REQUIRED.
3. HOLLOW METAL FRAME.
4. DOOR.
5. GYPSUM BOARD.
6. DOUBLE STUDS @ JAMB.
7. STEEL STUD ANCHORS AT JAMB.

JAMB CONDITION - HEAD SIMILAR

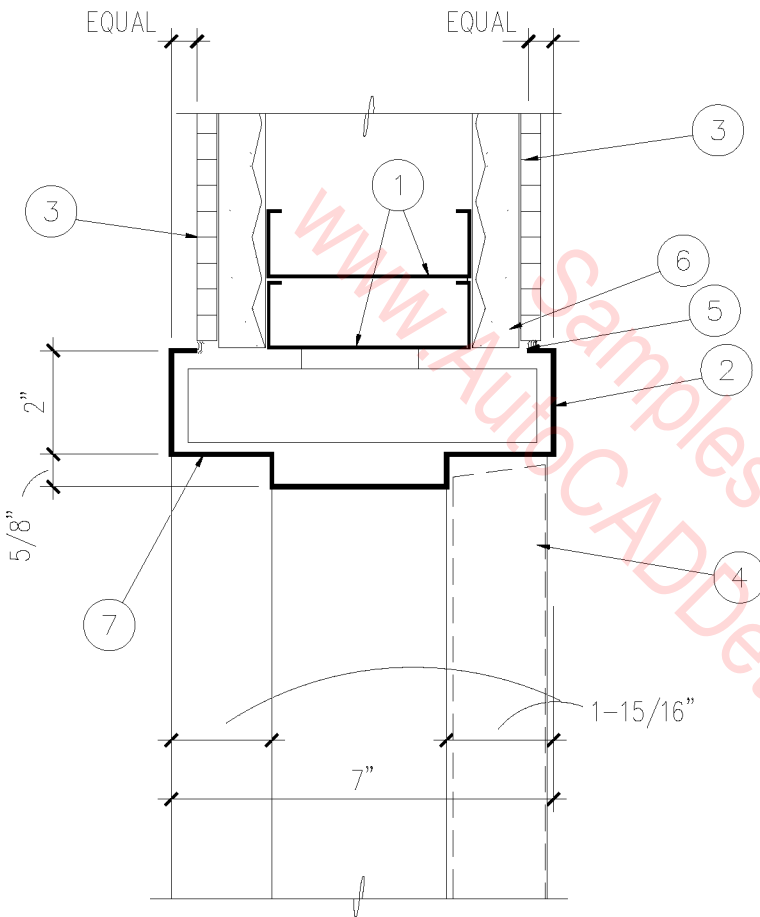


HOLLOW METAL FRAME

3" = 1'-0"

08A-1025





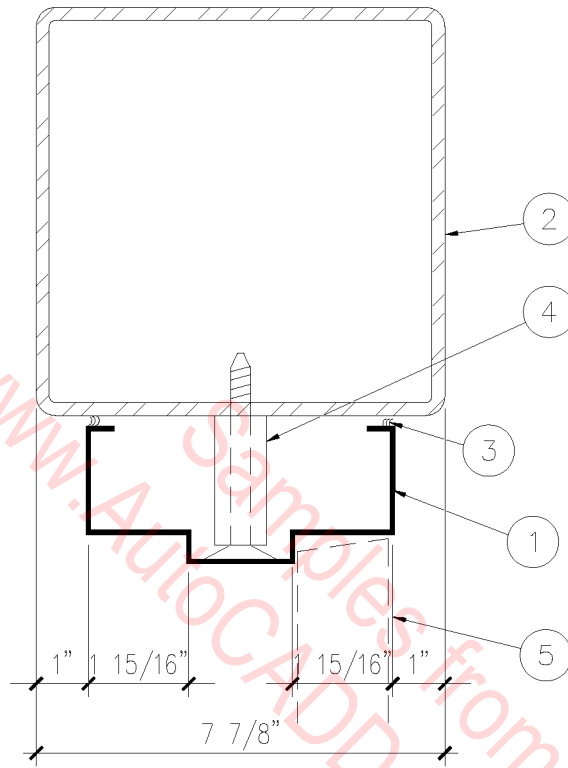
1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 1/4" CERAMIC TILE ON CEMENT MORTAR BED ON METAL LATH.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. "J" STOP.
7. JAMB ANCHOR.

JAMB CONDITION - HEAD SIMILAR

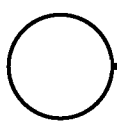
# ○ HOLLOW METAL FRAME

3" = 1'-0"

08A-1026



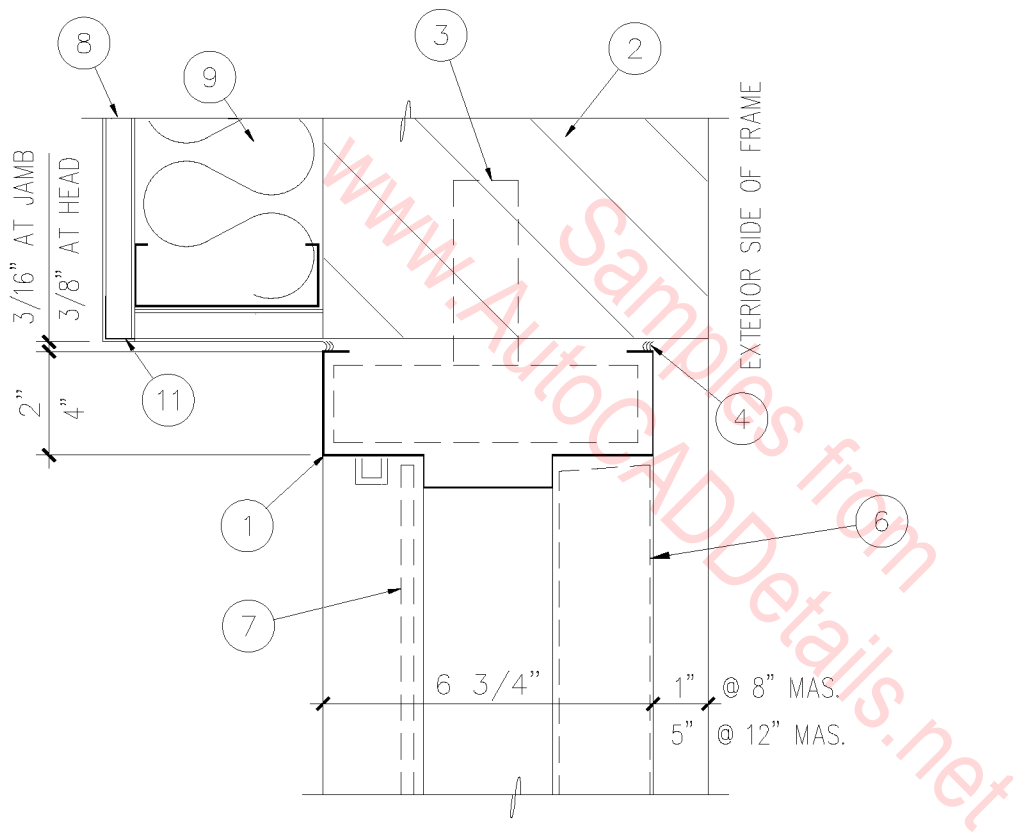
1. HOLLOW METAL FRAME.
2. STRUCTURAL STEEL TUBE.
3. SEALANT, BOTH SIDES.
4. ANCHORS AT JAMB ONLY.
5. DOOR WHERE APPLICABLE.



## HOLLOW METAL FRAME

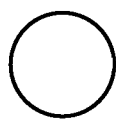
3" = 1'-0"

08A-1027



1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. DOOR WHERE APPLICABLE.
6. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
7. 5/8" GYP. BOARD.
8. R-11 BATT INSULATION.
9. METAL STUDS.
10. CORNER BEAD.

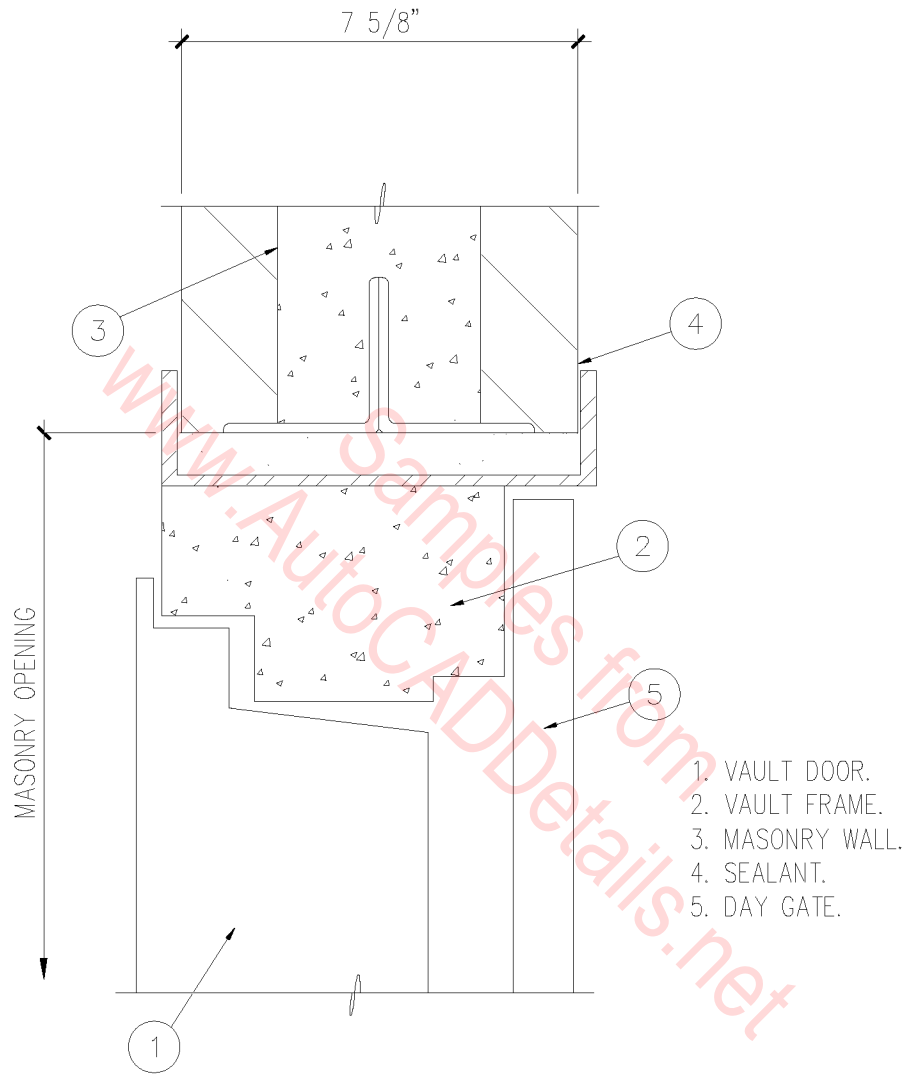
JAMB CONDITION - HEAD & WINDOW SILL SIMILAR



# HOLLOW METAL FRAME

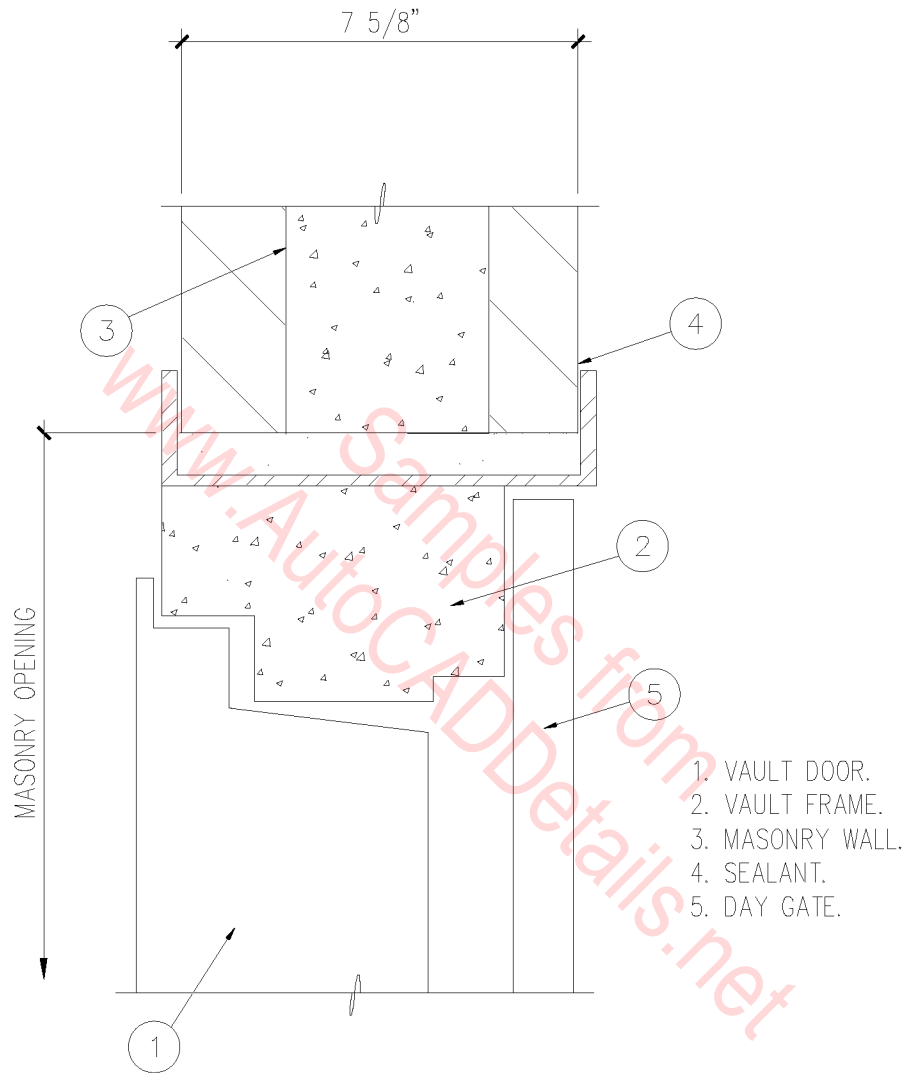
3" = 1'-0"

08A-1028



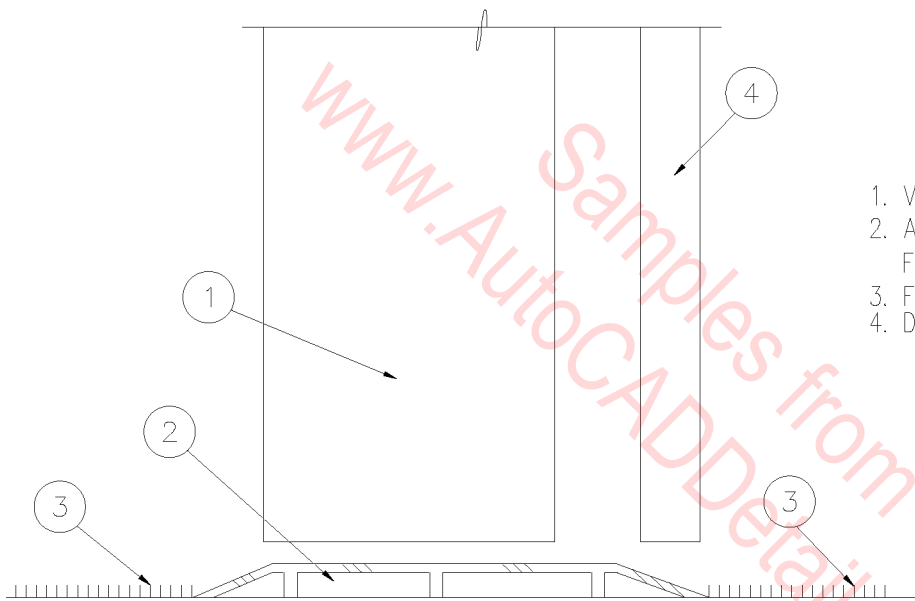
○ VAULT HEADER  
 3" = 1'-0"

08A-1029

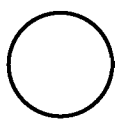


○ VAULT JAMB  
3" = 1'-0"

08A-1030



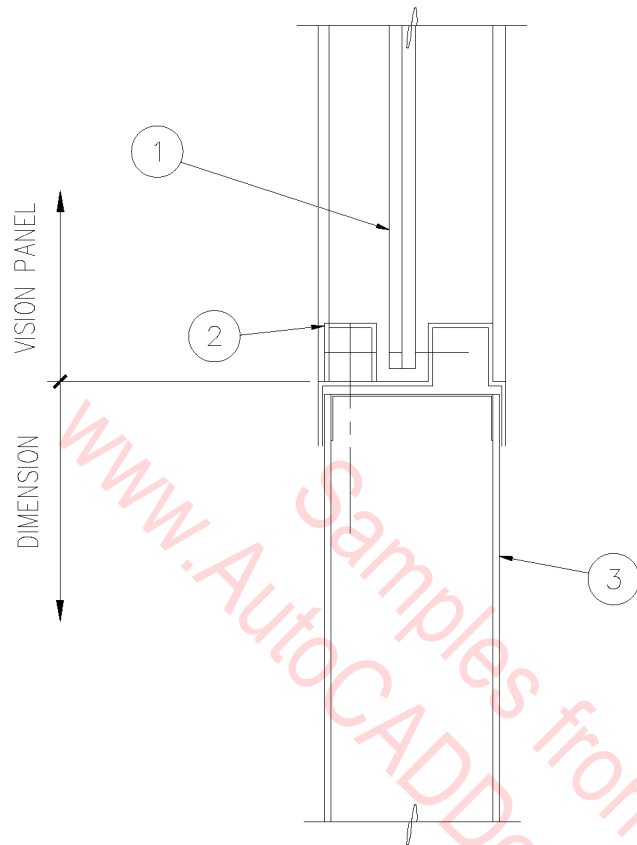
1. VAULT DOOR.
2. ALUMINUM THRESHOLD SET IN FULL BED OF SEALANT.
3. FINISH FLOOR.
4. DAY GATE.



VAULT THRESHOLD

3" = 1'-0"

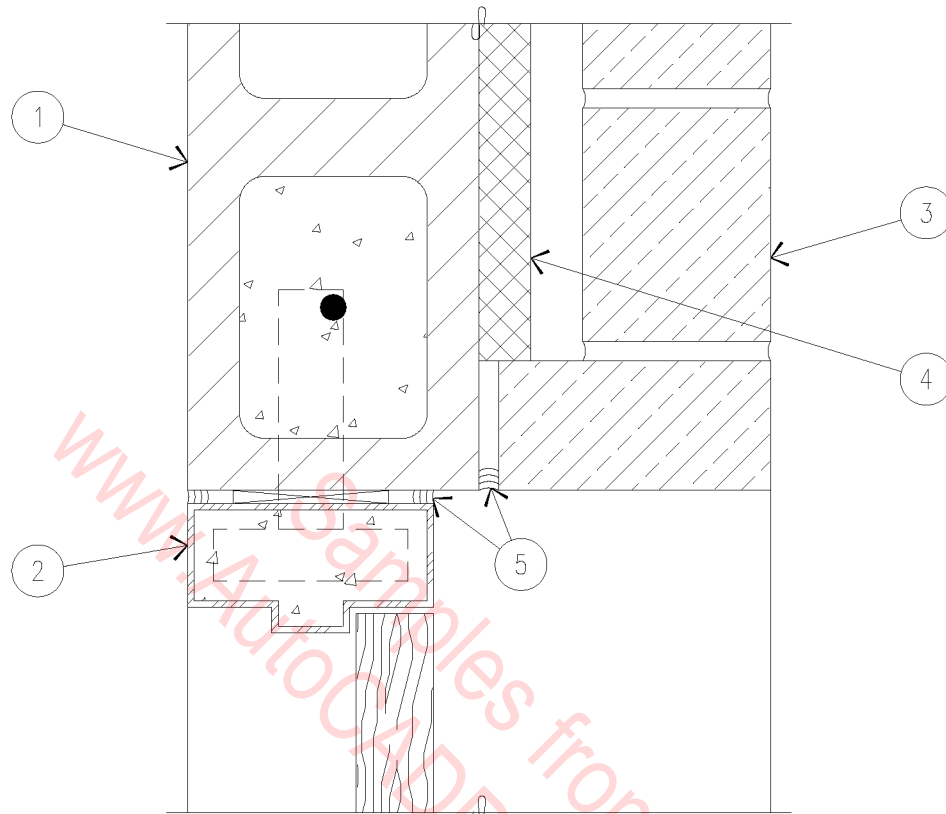
08A-1031



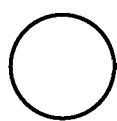
1. GLAZING.
2. 1/2" X 5/8" HIGH HOLLOW METAL STOP.
3. HOLLOW METAL DOOR.
4. SCREW POLYCARBONATE SHEET TO RABBET SIDE OF STOP.


 VISION PANEL  
 3" = 1'-0"

08A-1032



1. 6" CMU WALL - GROUT SOLID.
2. HOLLOW FRAME WITH JAMB ANCHORS - GROUT SOLID.
3. FACE BRICK.
4. CAVITY WALL INSULATION.
5. SILICONE SEALANT.

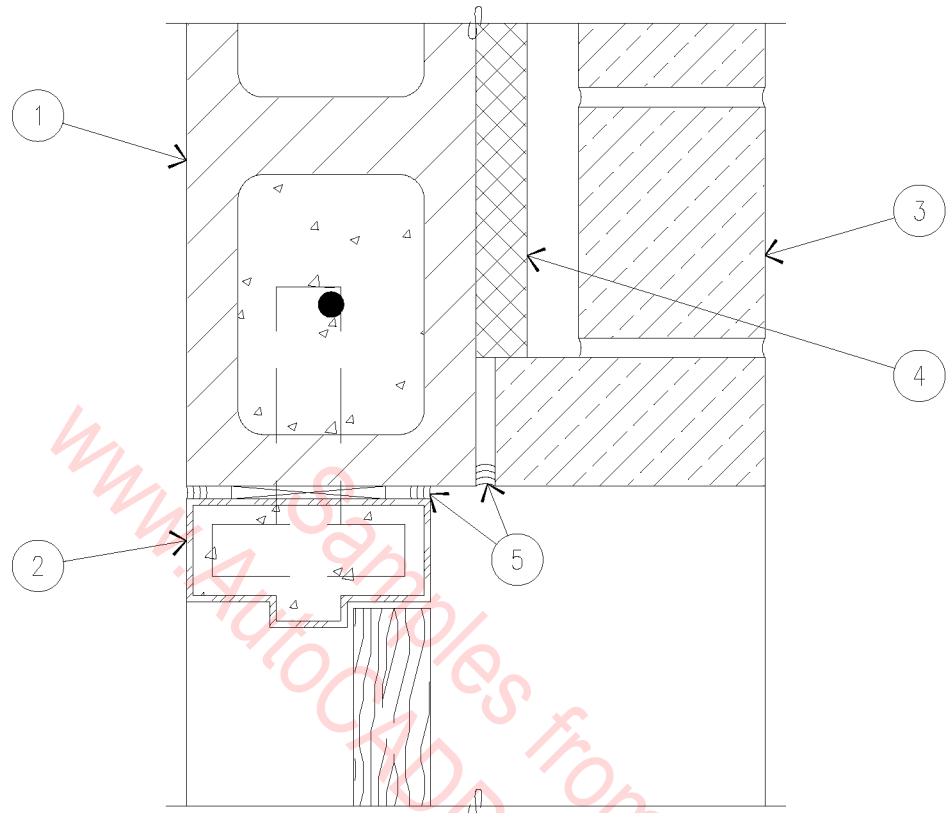


JAMB

3" = 1'-0"

08A-1033



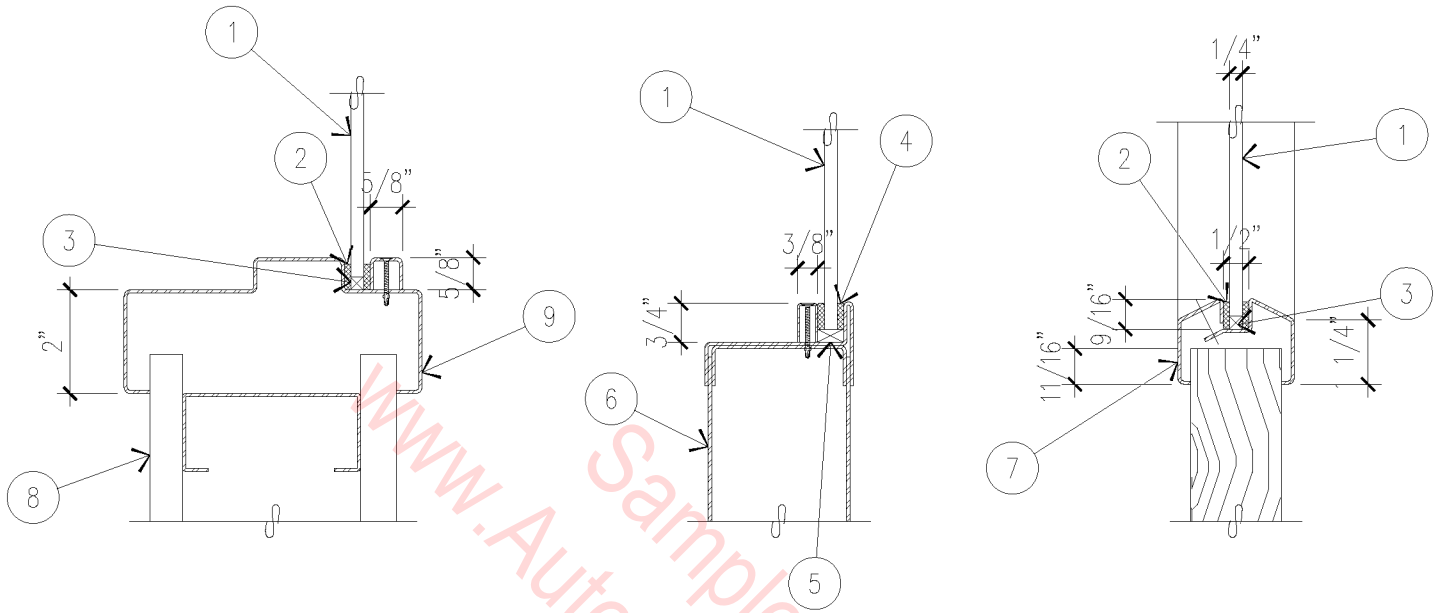


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1. 6" CMU WALL - GROUT SOLID.
2. HOLLOW FRAME WITH JAMB ANCHORS - GROUT SOLID.
3. FACE BRICK.
4. CAVITY WALL INSULATION.
5. SILICONE SEALANT.

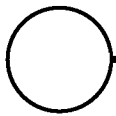
○ JAMB  
 3" = 1'-0"

08A-1033



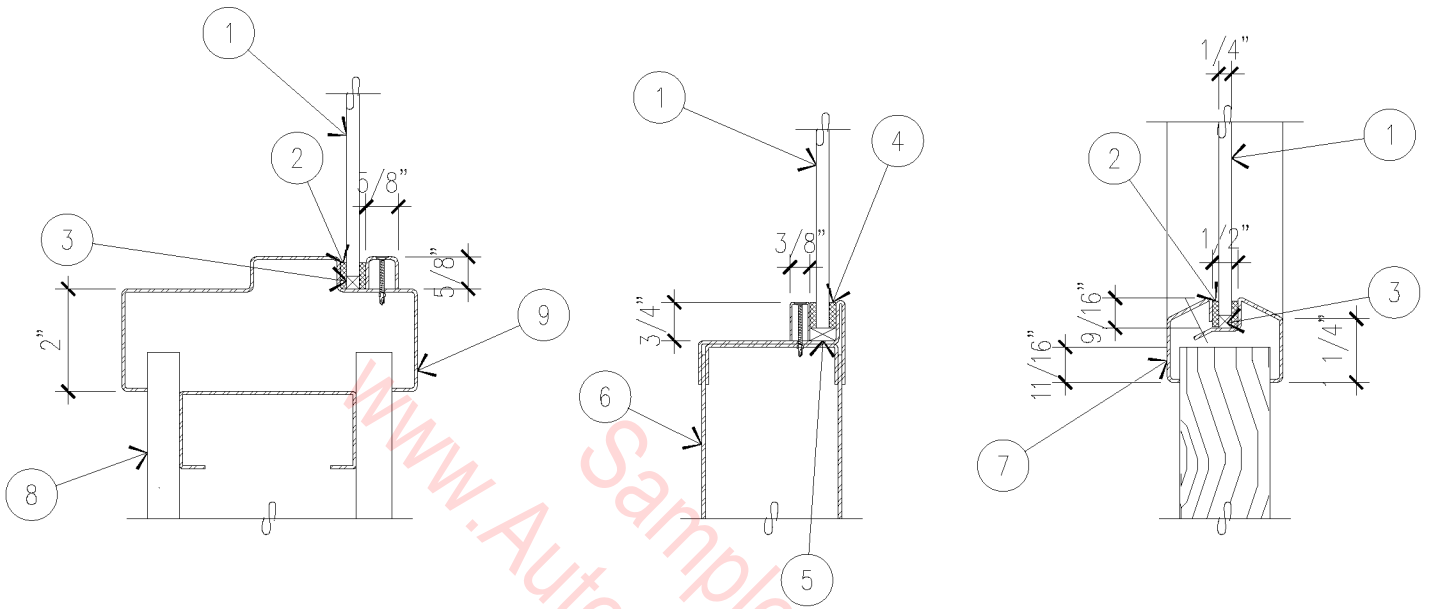
1. 60 MINUTE FIRE-RESISTANT GLASS.
2. 1/8" X 1/2" E.P.D.M. TAPE OR GRAPHITE KNIT GLAZING TAPE.
3. 1/4" X 1/4" X 3" CALCIUM SILICATE SETTING BLOCK.
4. 1/8" X 3/4" FIBERGLASS GLAZING GASKET.
5. 3/16" X 2" SETTING BLOCKS AT 1/4" POINTS - CAULK PERIMETER WITH NEUTRAL CURE SILICONE.
6. 18-20 GAUGE STEEL DOOR.
7. STEEL VISION PANEL FRAME BY DOOR MANUFACTURER.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. STEEL JAMB.

# FIRE RATED VISION PANELS



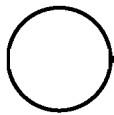
3" = 1'-0"

08A-1034



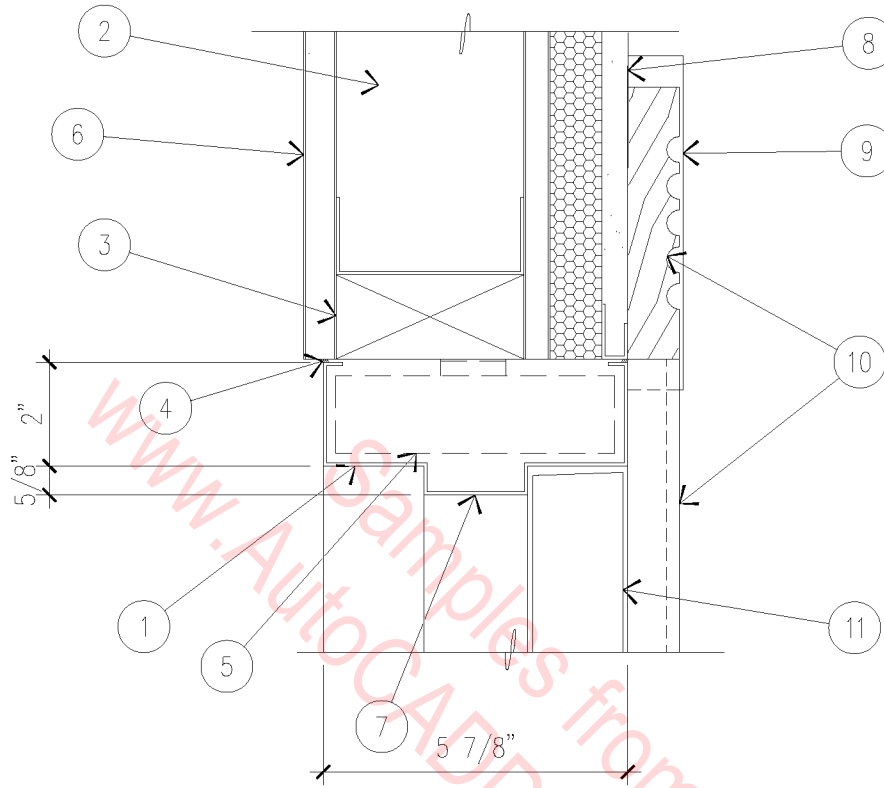
1. 60 MINUTE FIRE-RESISTANT GLASS.
2. 1/8" X 1/2" E.P.D.M. TAPE OR GRAPHITE KNIT GLAZING TAPE.
3. 1/4" X 1/4" X 3" CALCIUM SILICATE SETTING BLOCK.
4. 1/8" X 3/4" FIBERGLASS GLAZING GASKET.
5. 3/16" X 2" SETTING BLOCKS AT 1/4 POINTS - CAULK PERIMETER WITH NEUTRAL CURE SILICONE.
6. 18-20 GAUGE STEEL DOOR.
7. STEEL VISION PANEL FRAME BY DOOR MANUFACTURER.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. STEEL JAMB.

# FIRE RATED VISION PANELS



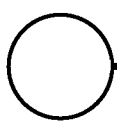
3" = 1'-0"

08A-1034



HEAD CONDITION - JAMB SIMILAR

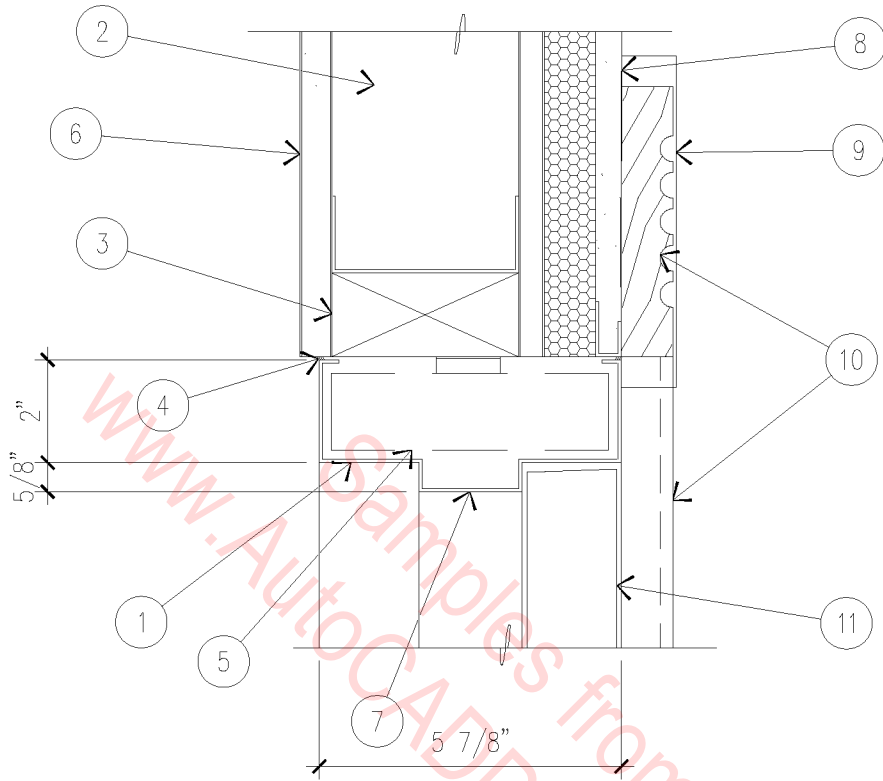
- |   |                                |
|---|--------------------------------|
| 1. HOLLOW METAL FRAME.                          | 6. 5/8" TYPE 'X' GYPSUM BOARD. |
| 2. 3 5/8" METAL STUD WALL.                      | 7. HOLLOW METAL DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 8. CEMENT STUCCO SYSTEM.       |
| 4. SILICONE SEALANT.                            | 9. ROSETTE BEYOND.             |
| 5. FRAME ANCHOR.                                | 10. FLUTED DOOR CASING.        |
|   | 11. HOLLOW METAL DOOR.         |



## HOLLOW METAL FRAME

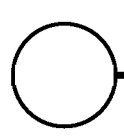
3" = 1'-0"

08A-1035



HEAD CONDITION - JAMB SIMILAR

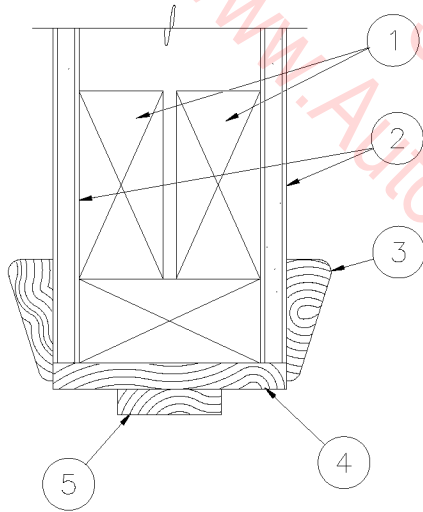
- |   |                                |
|---|--------------------------------|
| 1. HOLLOW METAL FRAME.                          | 6. 5/8" TYPE 'X' GYPSUM BOARD. |
| 2. 3 5/8" METAL STUD WALL.                      | 7. HOLLOW METAL DOOR.          |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 8. CEMENT STUCCO SYSTEM.       |
| 4. SILICONE SEALANT.                            | 9. ROSETTE BEYOND.             |
| 5. FRAME ANCHOR.                                | 10. FLUTED DOOR CASING.        |
|   | 11. HOLLOW METAL DOOR.         |



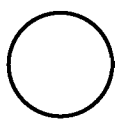
# HOLLOW METAL FRAME

3" = 1'-0"

08A-1035



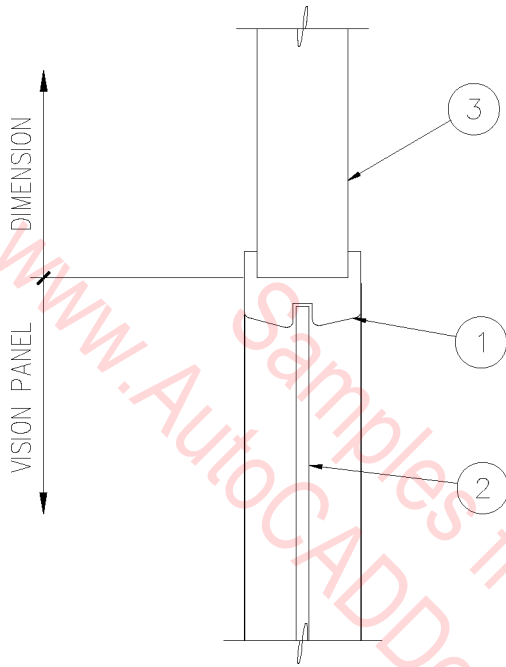
1. 2 X HEADER.
2. 5/8" GYPSUM BOARD.
3. WOOD TRIM.
4. WOOD HEAD.
5. WOOD STOP.



# INTERIOR DOOR HEADER

3" = 1'-0"

08A-3001



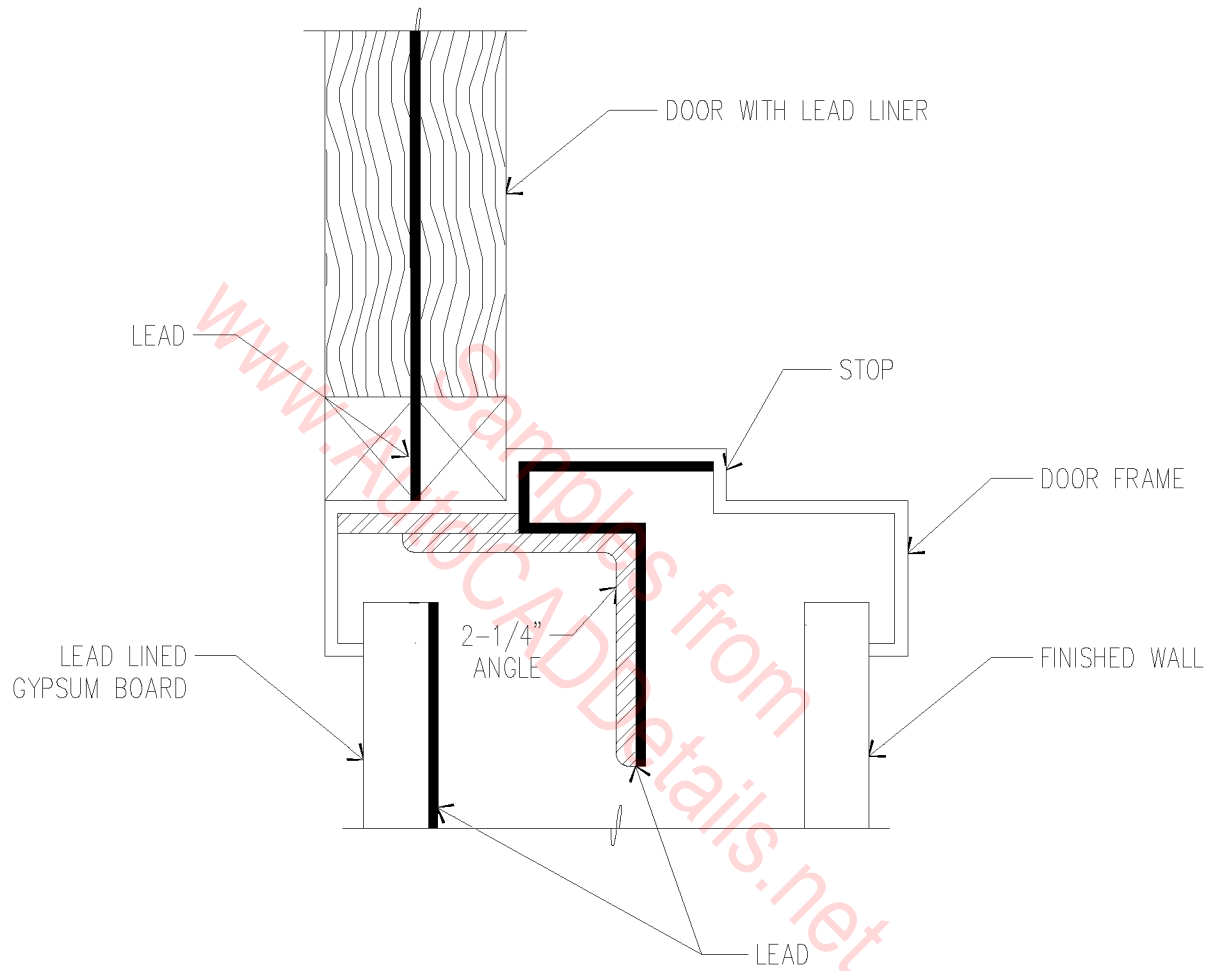
1. STEEL VISION PANEL, UL RATED WHERE APPLICABLE.
2. GLASS.
3. WOOD DOOR.

○ VISION PANEL

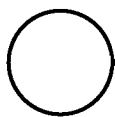
---

3" = 1'-0"

08A-3002



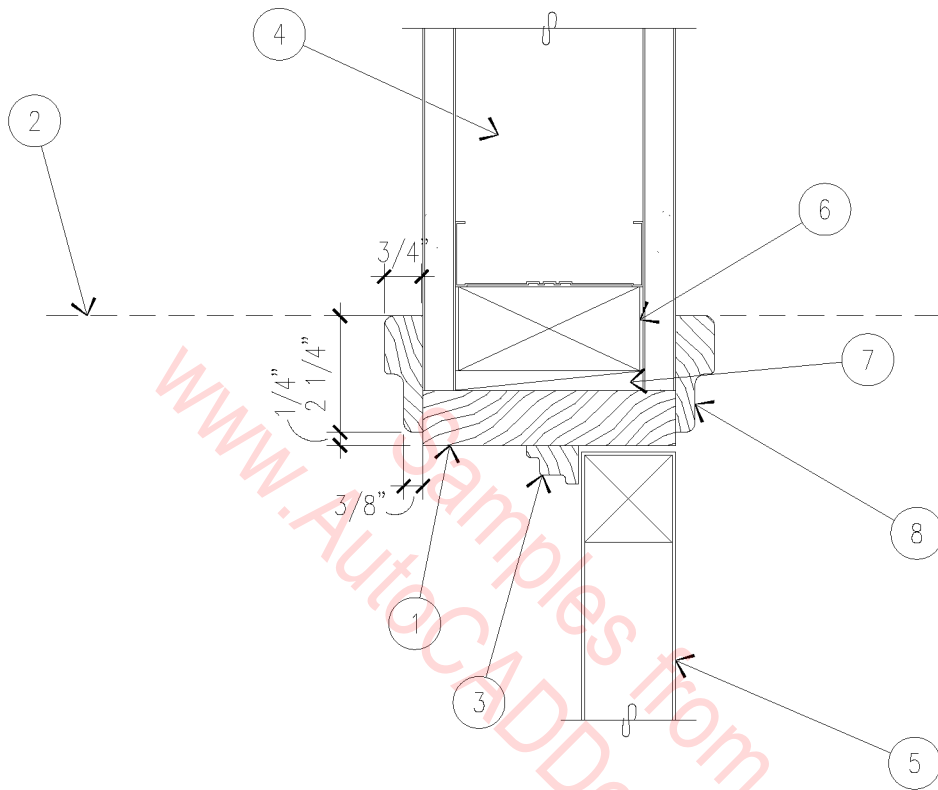
HOLLOW METAL FRAME  
SHOWING LEAD LINING



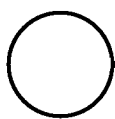
6" = 1'-0"

08A-3003





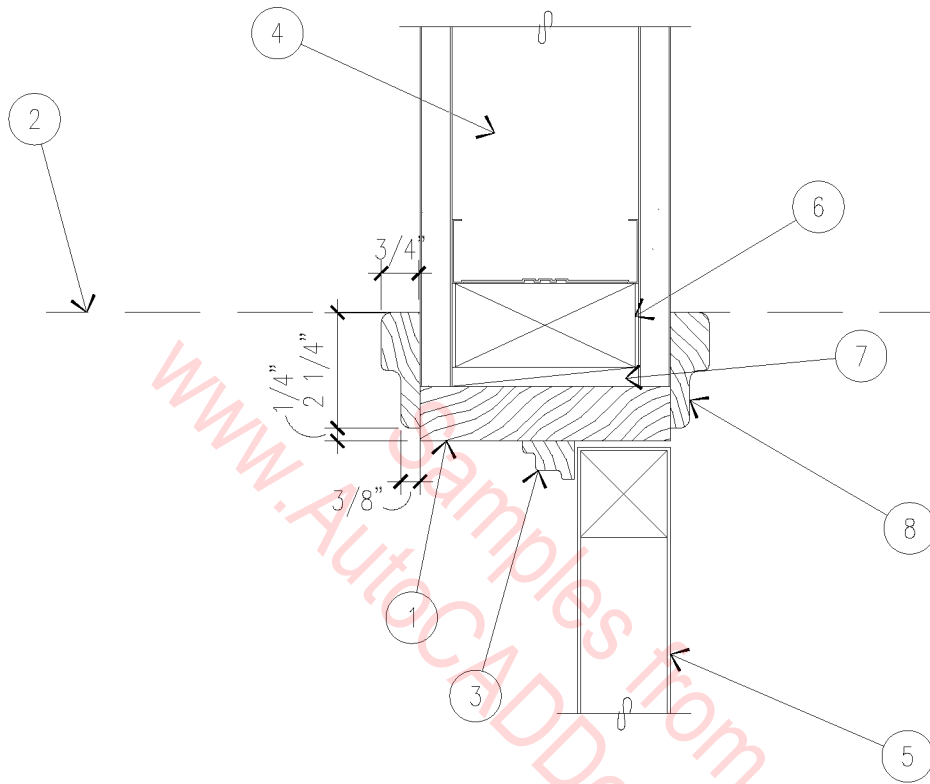
- |                             |                      |
|-----------------------------|----------------------|
| 1. WOOD DOOR JAMB.          | 5. WOOD DOOR.        |
| 2. CEILING AS REQUIRED.     | 6. WOOD BLOCKING.    |
| 3. 1" X 3/4" STOP MOULDING. | 7. WOOD SHIMS.       |
| 4. 3 5/8" METAL STUD WALL.  | 8. WOOD DOOR CASING. |



## DOOR HEAD

3" = 1'-0"

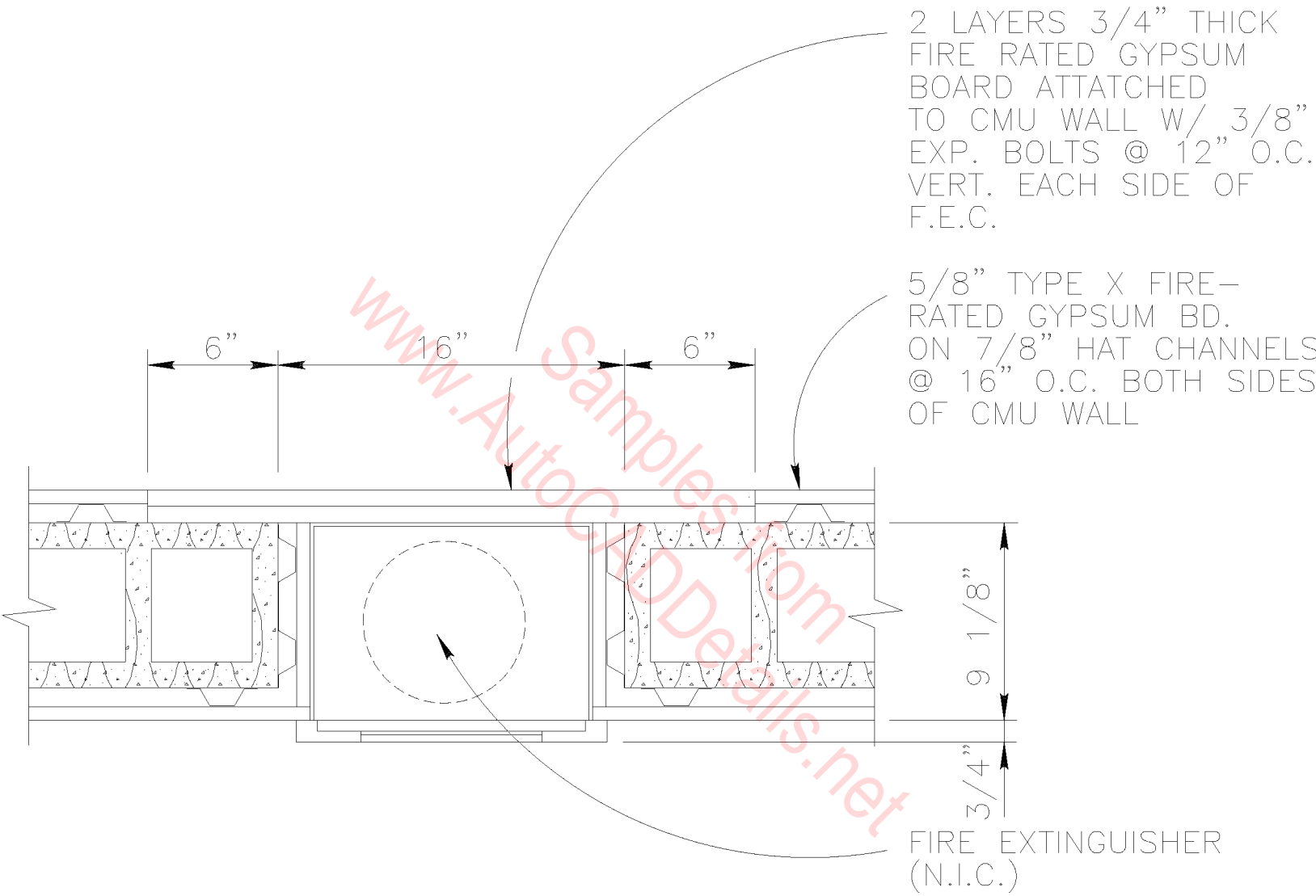
08A-3004



- |                             |                      |
|-----------------------------|----------------------|
| 1. WOOD DOOR JAMB.          | 5. WOOD DOOR.        |
| 2. CEILING AS REQUIRED.     | 6. WOOD BLOCKING.    |
| 3. 1" X 3/4" STOP MOULDING. | 7. WOOD SHIMS.       |
| 4. 3 5/8" METAL STUD WALL.  | 8. WOOD DOOR CASING. |

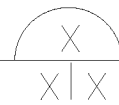
○
DOOR HEAD  
3" = 1'-0"

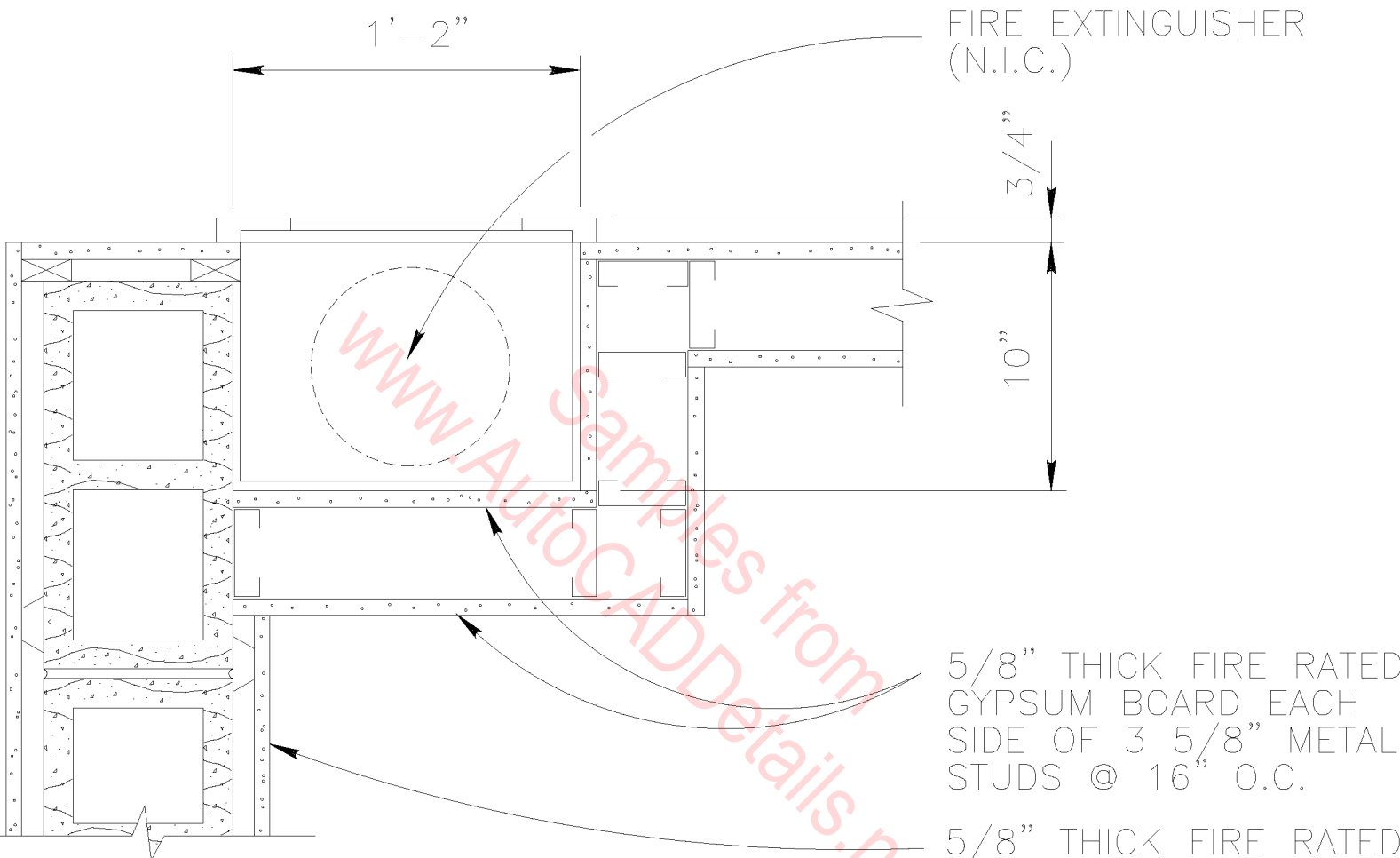
08A-3004



FIRE EXTINGUISHER  
CABINET DETAIL

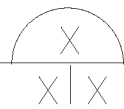
SCALE : 1 1/2" = 1'-0"

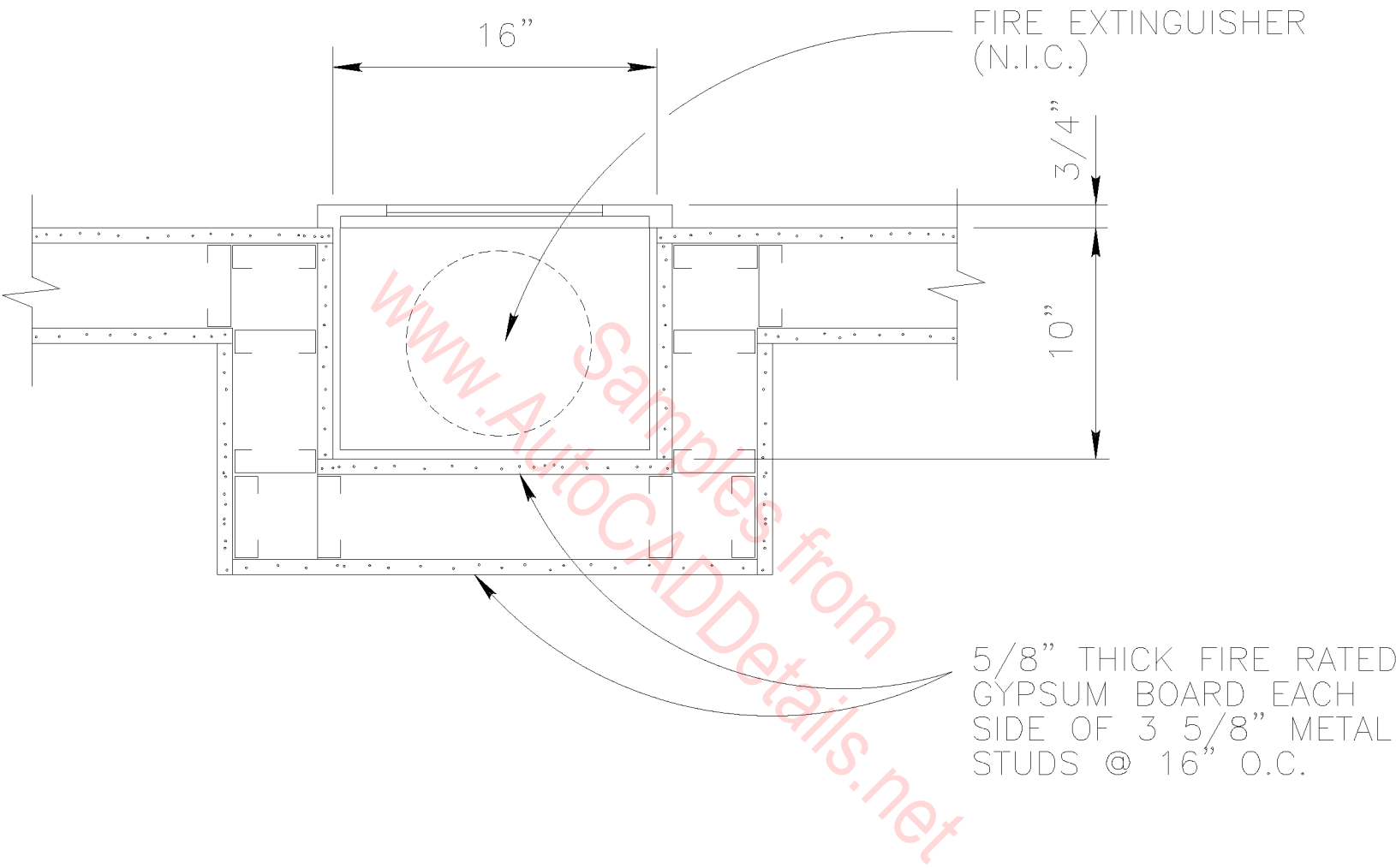




# FIRE EXTINGUISHER CABINET DETAIL

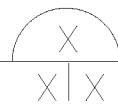
SCALE : 1 1/2" = 1'-0"

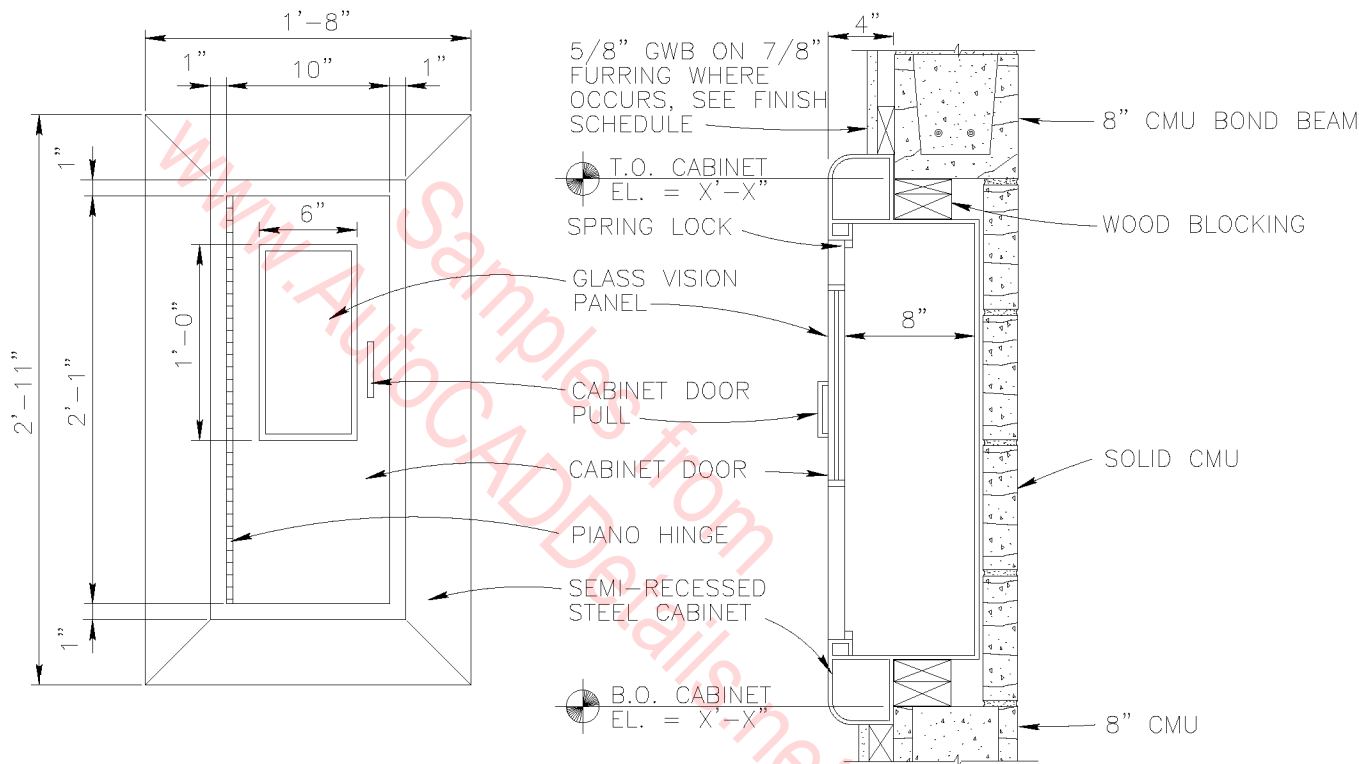




FIRE EXTINGUISHER CABINET

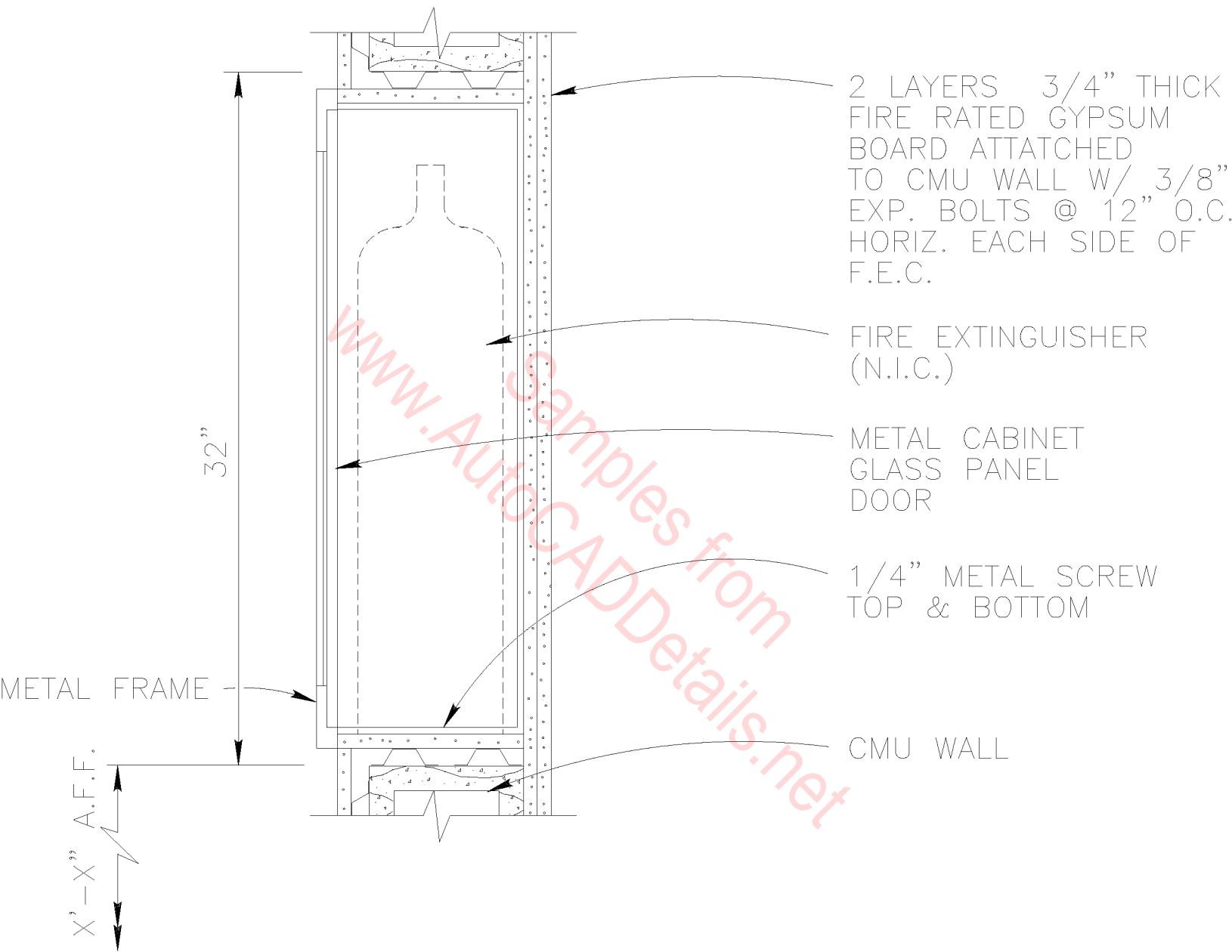
SCALE : 1 1/2" = 1'-0"





FIRE EXTINGUISHER CABINET ELEVATION/DETAIL X  
X|X

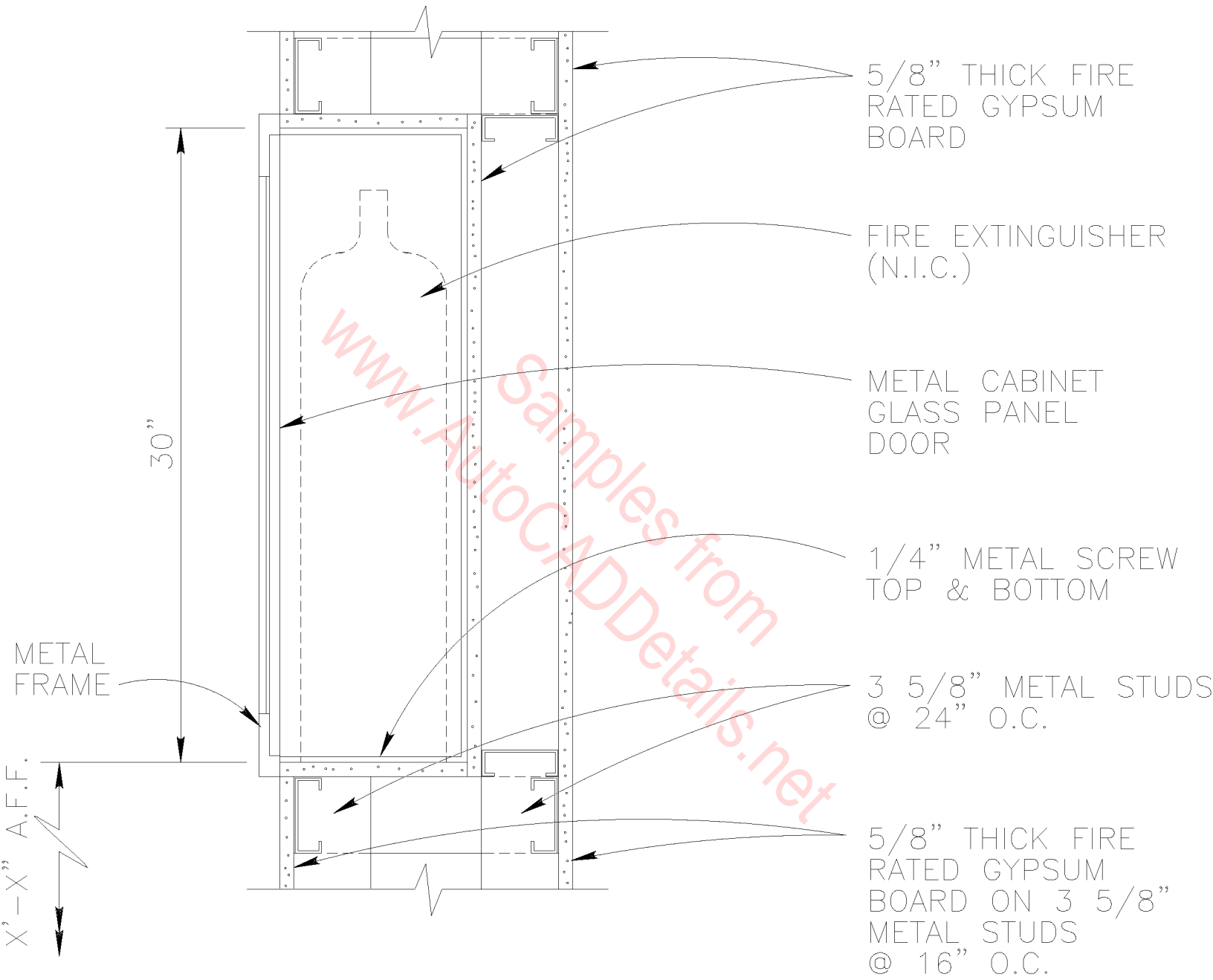
SCALE : 1 1/2" = 1'-0"



SECTION

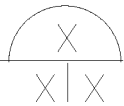
SCALE : 1 1/2" = 1'-0"

X  
X|X

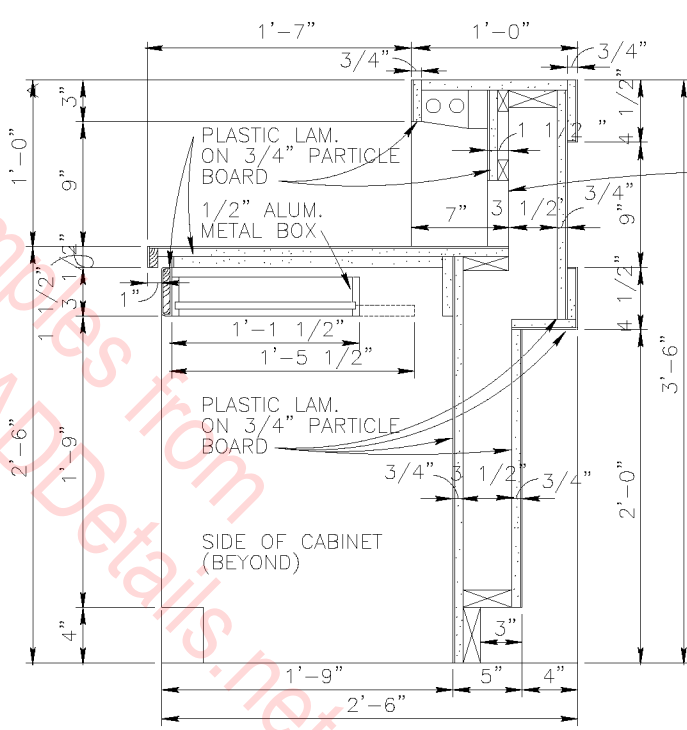
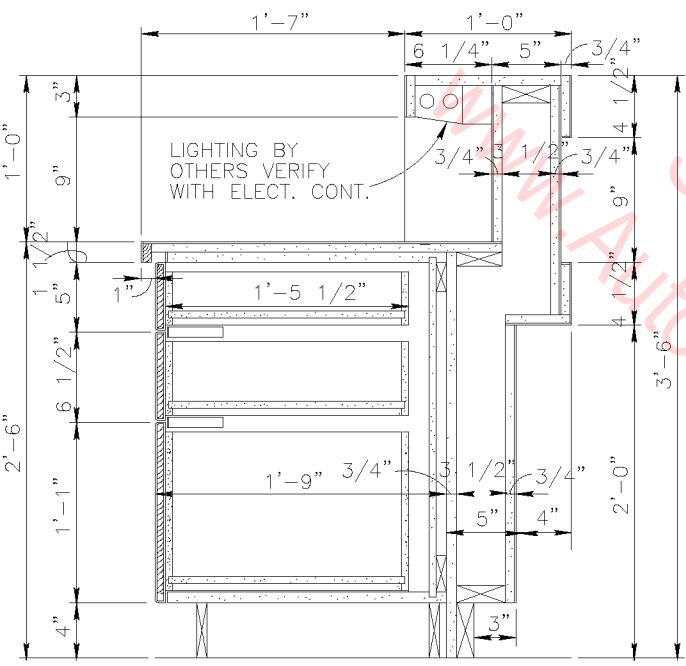


SECTION

SCALE : 1 1/2" = 1'-0"







OUTLET SEE ELEC. DWGS.

RECEPTION COUNTER DETAIL  
 SCALE : 1 1/2" = 1'-0"



PLASTIC LAMINATE  
COUNTERTOP W/  
BACKSPLASH

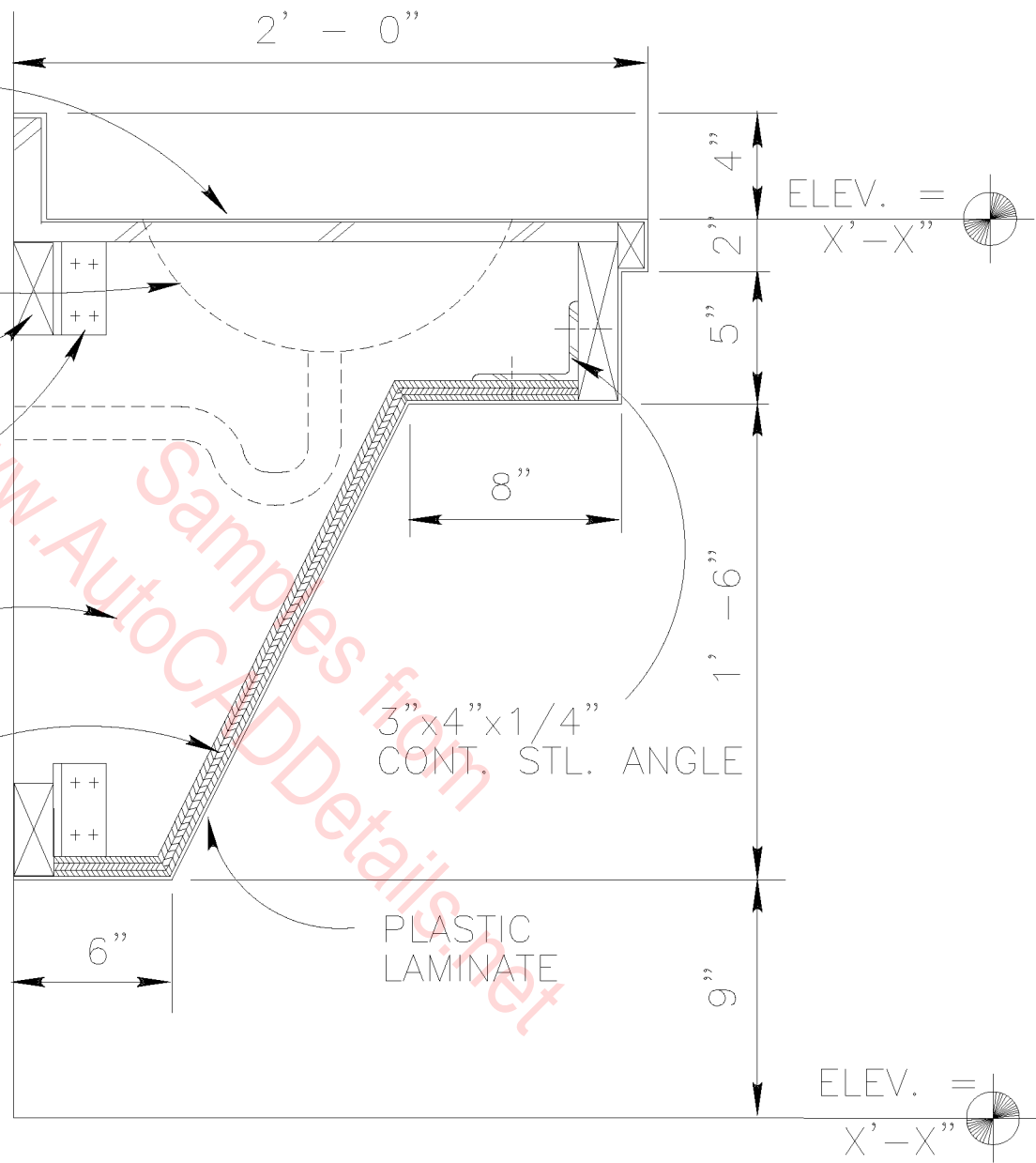
LAVATORY (SEE  
MECH. DWGS.)

2" X 4" WD. FRAME

STL. ANGLE @  
INT. DIVIDER  
BEYOND

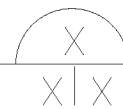
3/4" PLYWOOD  
DIVIDER BEYOND

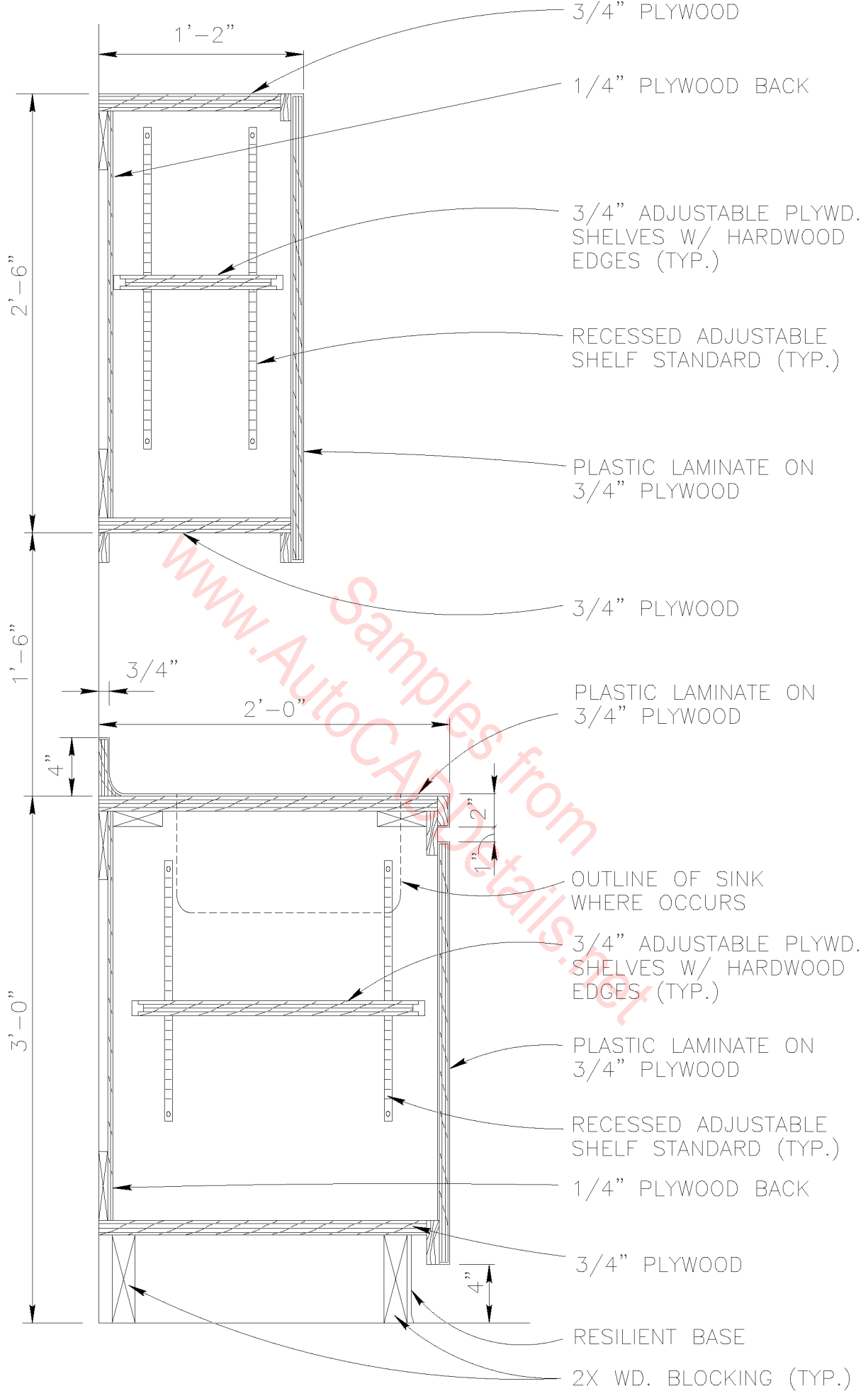
3/4" PLYWOOD (TYP.)  
PROVIDE 1' - 6" WIDE  
ACCESS PANEL AT  
CENTERLINE OF EACH  
SINK, ATTACHED W/  
CONCEALED MAG-  
NETIC FASTENERS



# COUNTER/LAVATORY DETAIL

SCALE : 1 1/2" = 1' - 0"

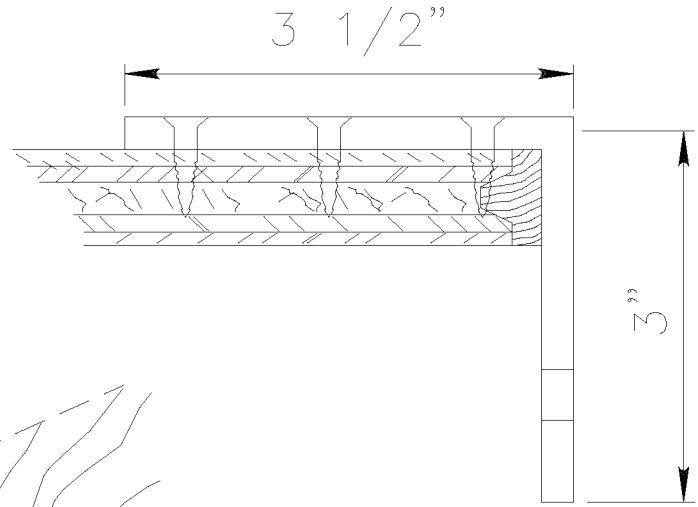
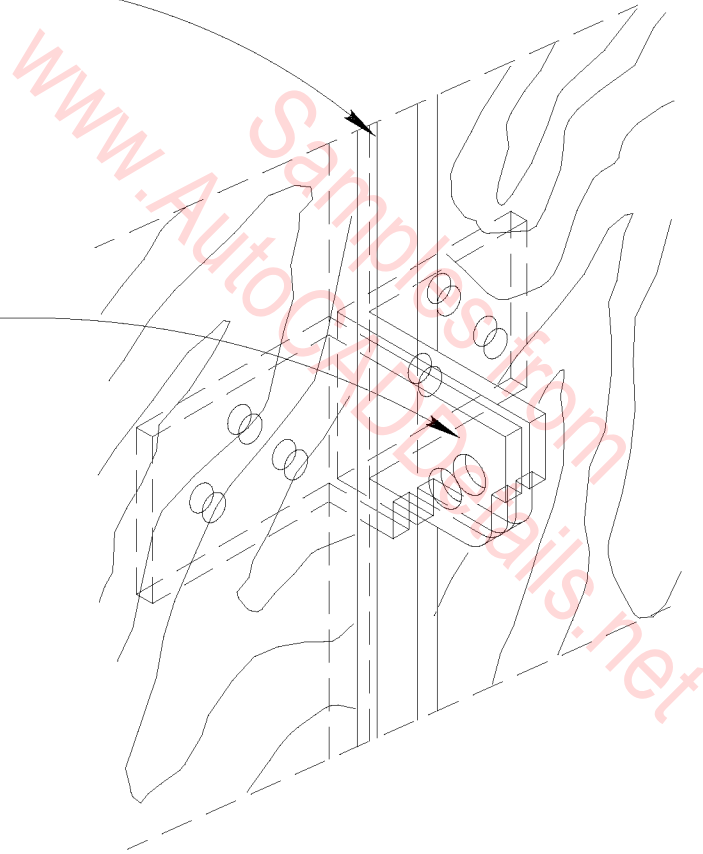




BASE CABINET DETAIL X  
X|X  
 SCALE : 1 1/2" = 1'-0"

HARDWOOD EDGE

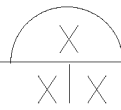
METAL HASP WITH ANODIZED BRONZE FINISH

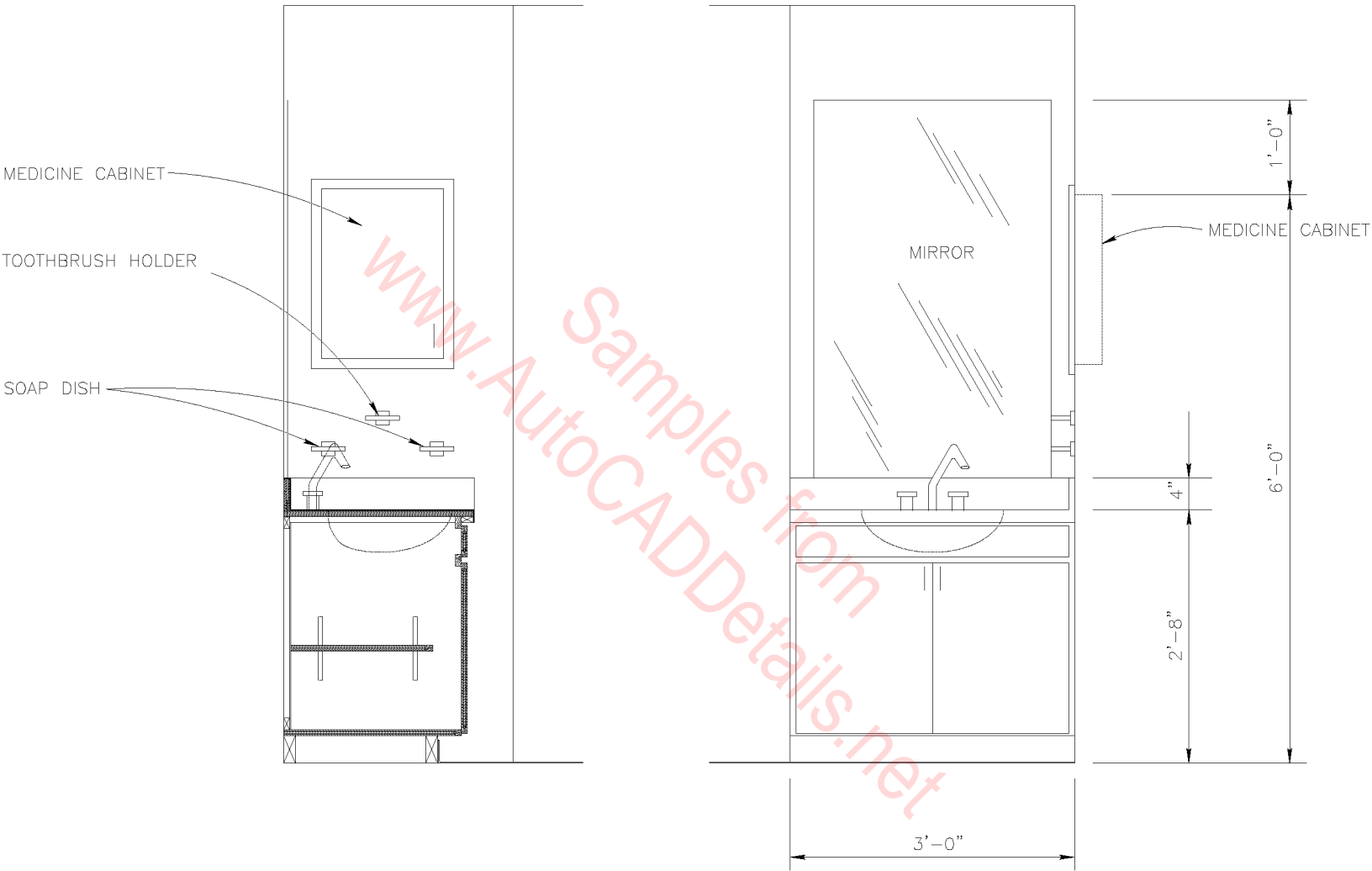


PLAN VIEW  
N.T.S.

HASP DETAIL

SCALE : 3"=1'-0"

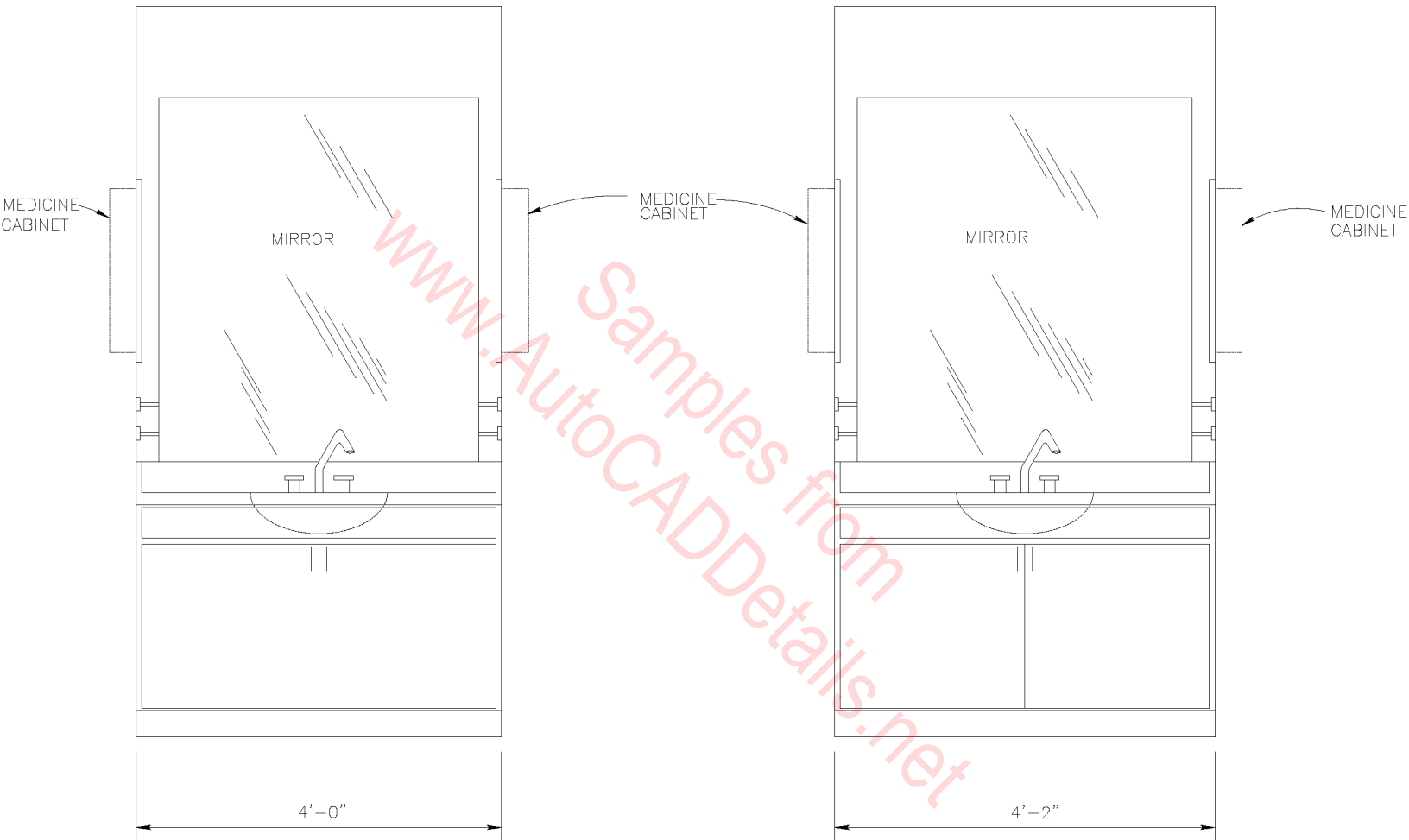




LAVATORY CABINET

SCALE : 1"=1'-0"

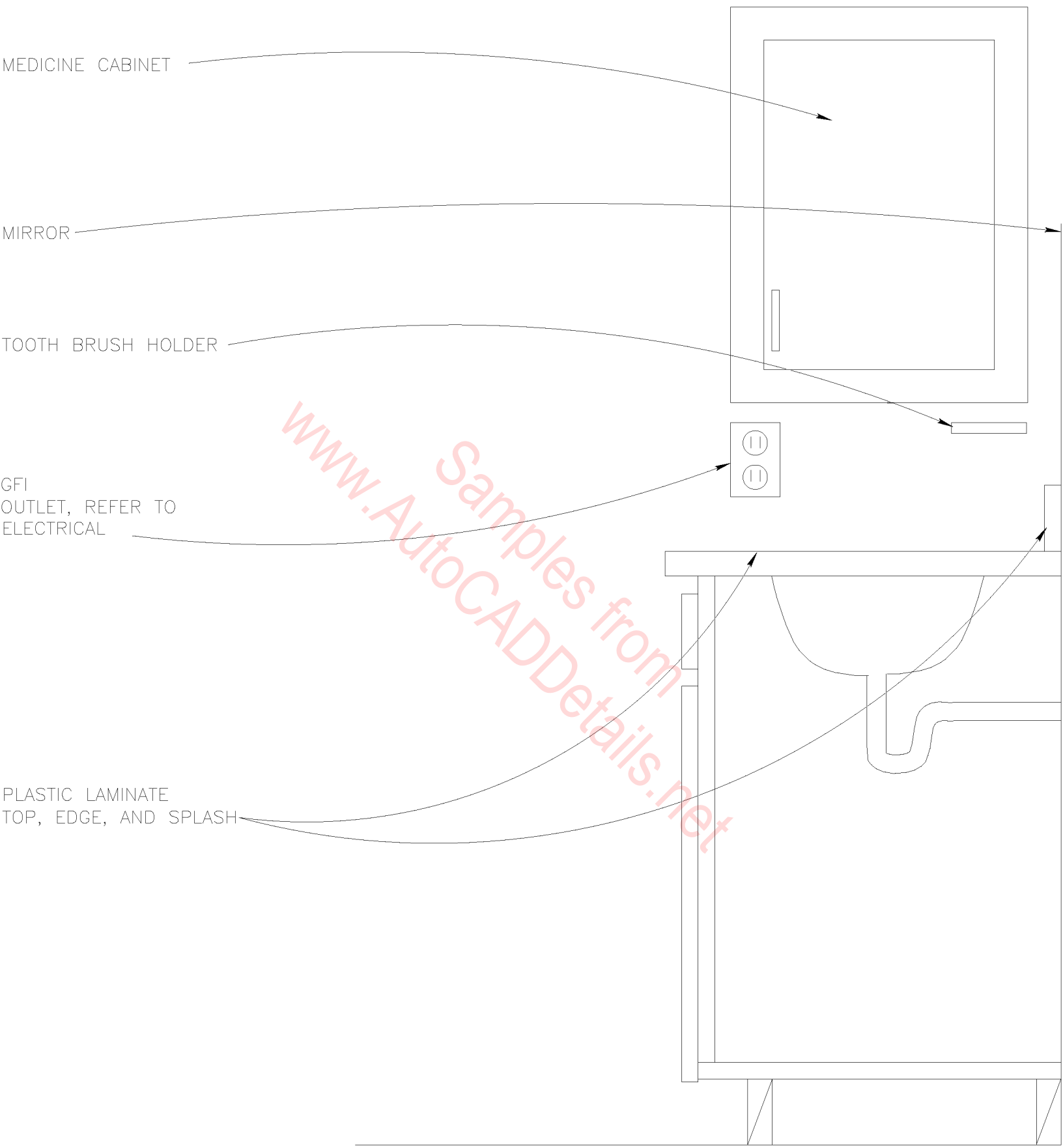




LAVATORY CABINET

SCALE : 1"=1'-0"





MEDICINE CABINET

MIRROR

TOOTH BRUSH HOLDER

GFI  
OUTLET, REFER TO  
ELECTRICAL

PLASTIC LAMINATE  
TOP, EDGE, AND SPLASH

LAVATORY CABINET

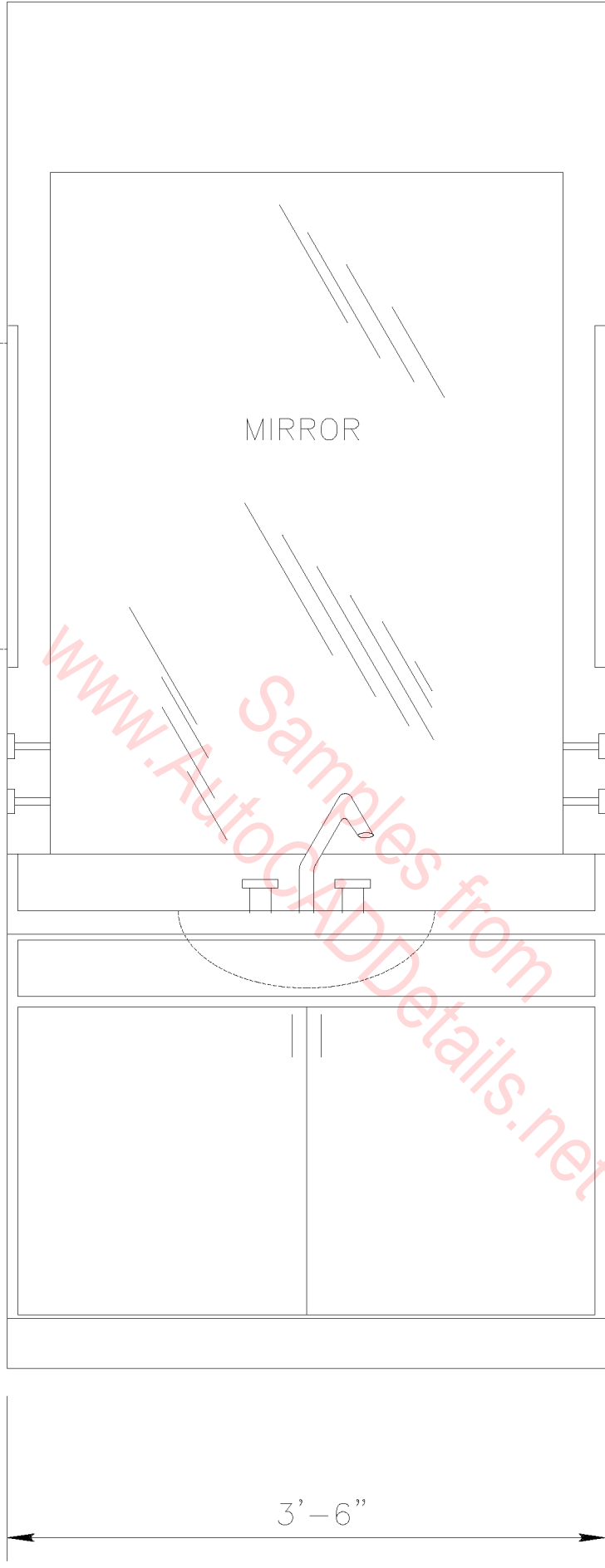
SCALE : 1"=1'-0"



MEDICINE  
CABINET

MEDICINE  
CABINET

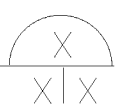
MIRROR



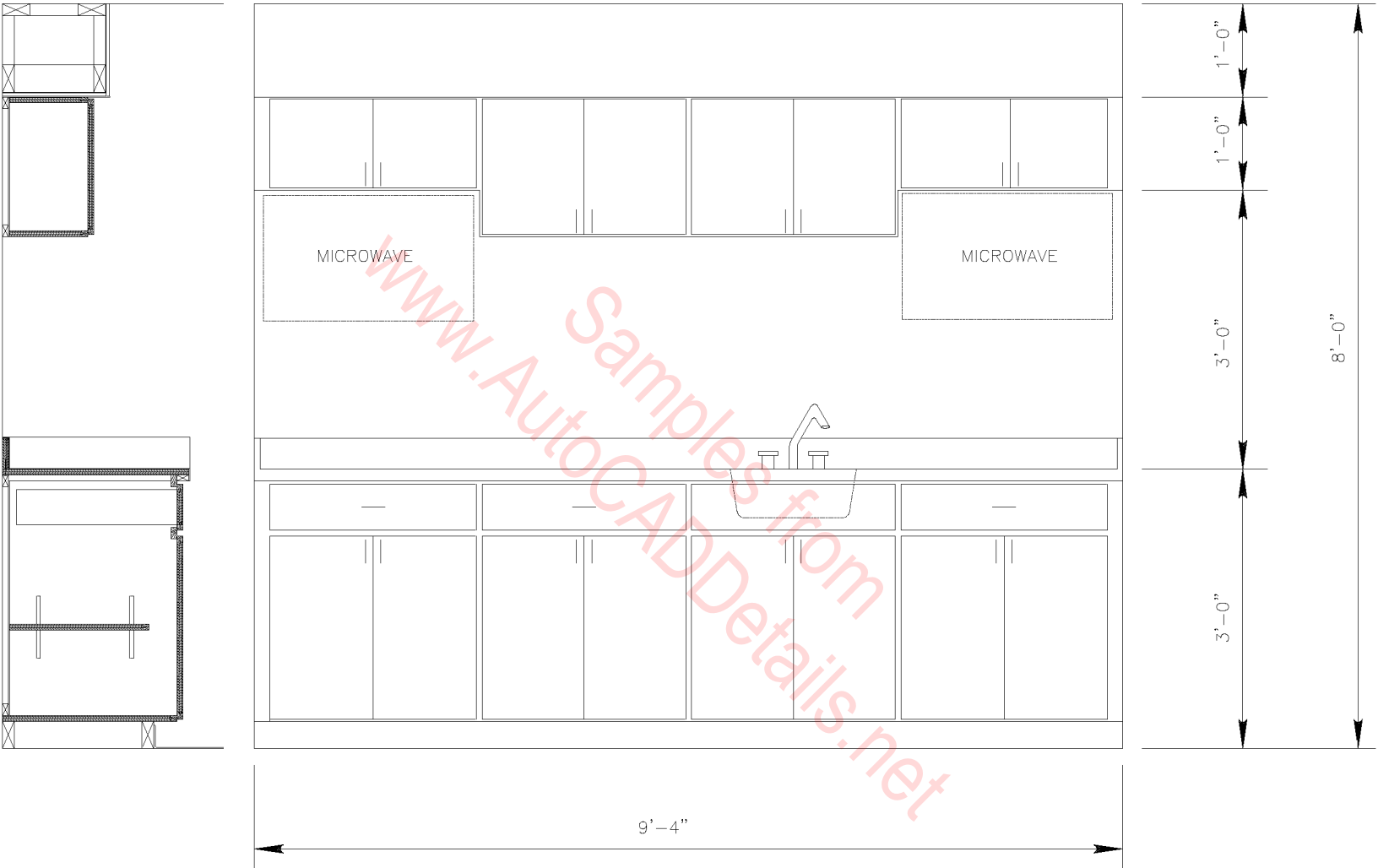
3'-6"

LAVATORY CABINET

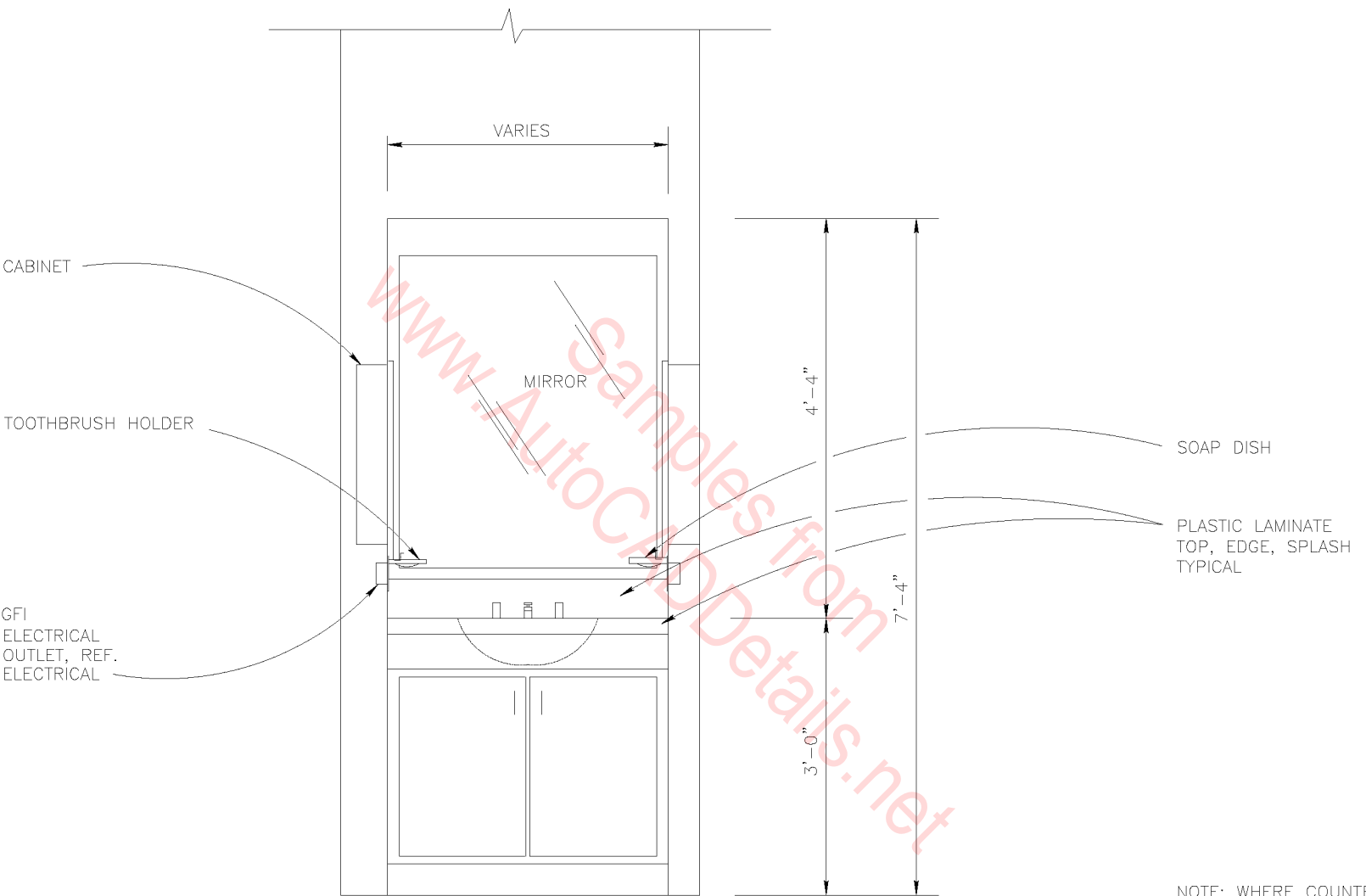
SCALE : 1"=1'-0"







KITCHEN/BREAK ROOM COUNTER  $\frac{x}{x1x}$   
 SCALE : 1"=1'-0"

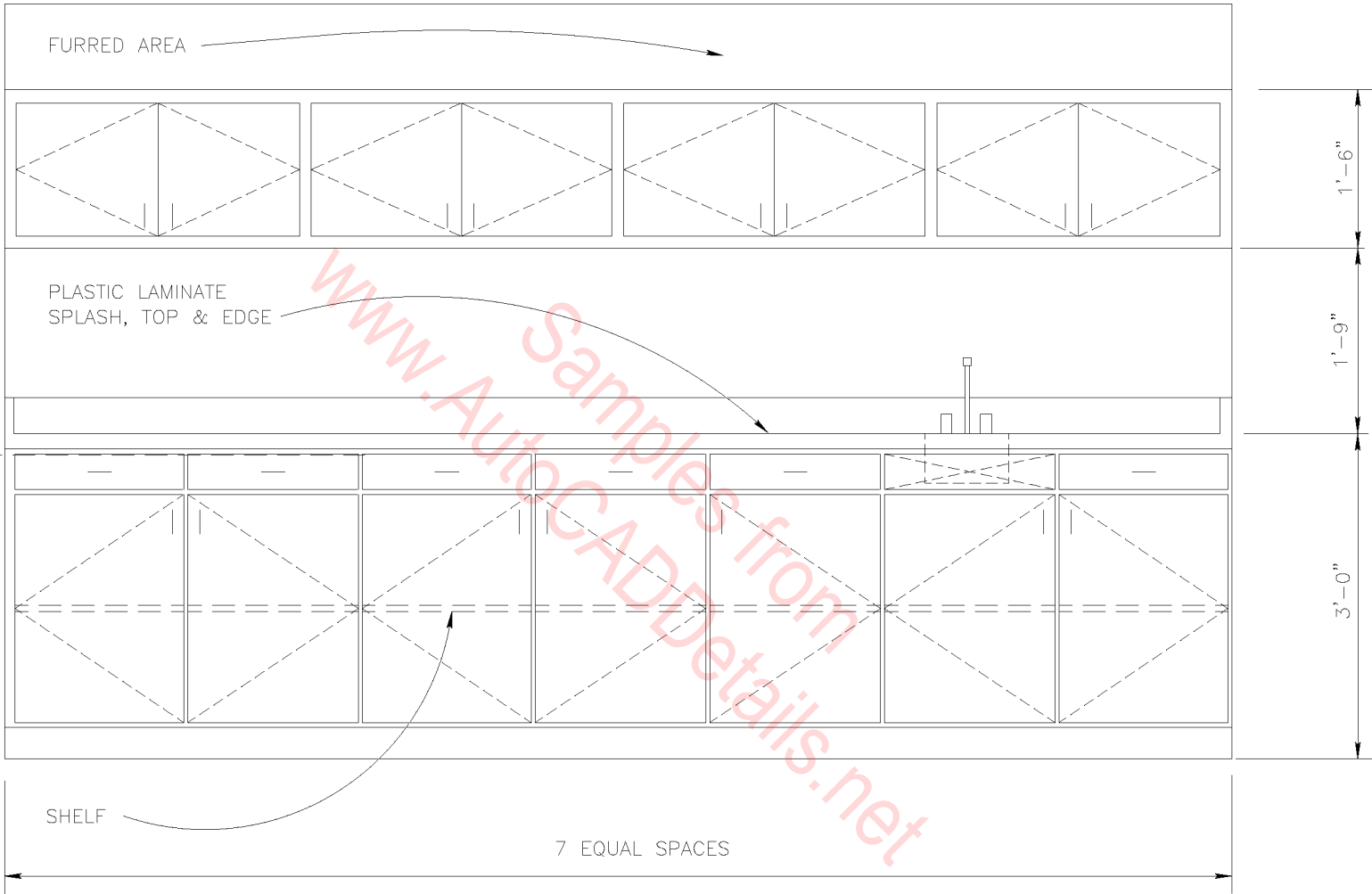


NOTE: WHERE COUNTER IS LONGER, ENSURE DOOR PANELS DO NOT EXCEED 20" IN WIDTH.

LAVATORY CABINET

SCALE : 1"=1'-0"





KITCHEN/BREAK ROOM COUNTER  $\frac{x}{x|x}$   
 SCALE : 1"=1'-0"

MEDICINE  
CABINET

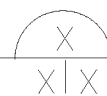
MIRROR

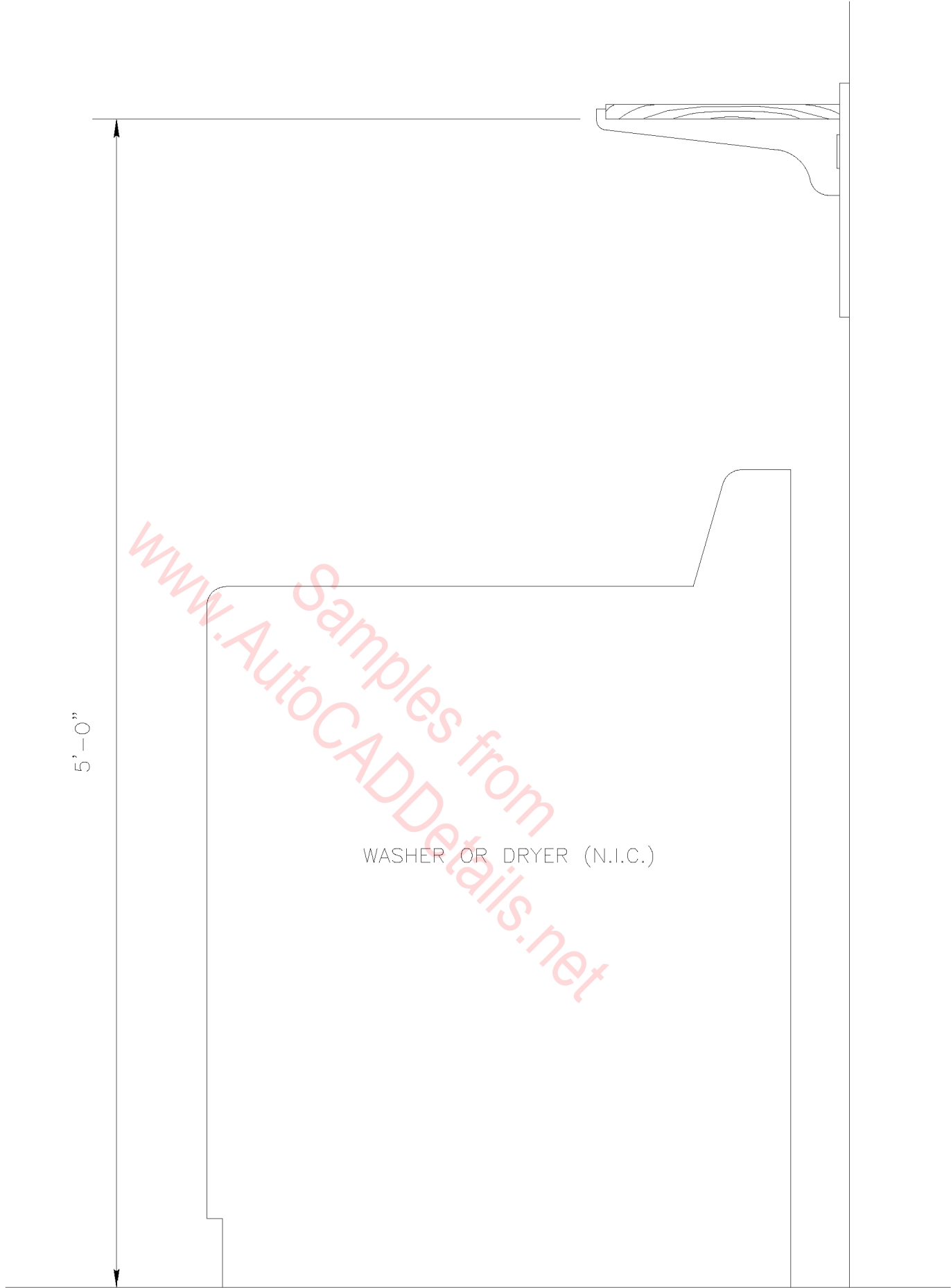
www.AutoCADDetails.net  
Samples from

3'-6"

LAVATORY CABINET

SCALE : 1"=1'-0"

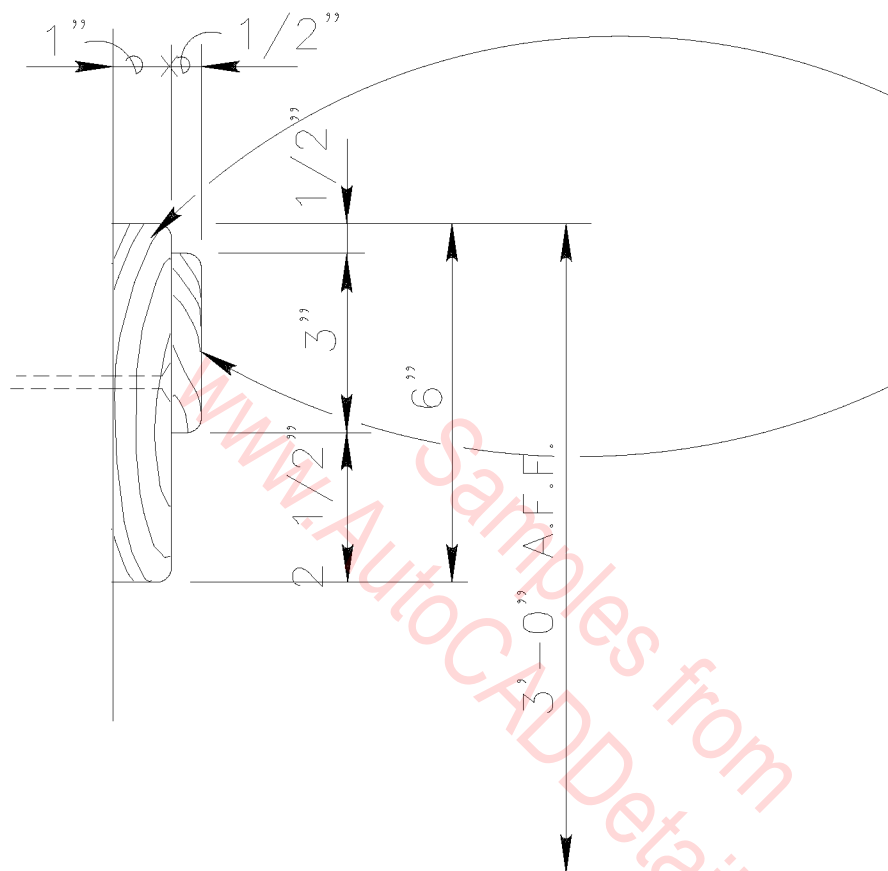




SHELF DETAIL

SCALE : 1"=1'-0"





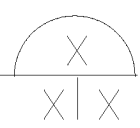
FASTEN BOTTOM  
 PLATE TO WALL  
 W/ COUNTER SUNK  
 METAL FASTENERS  
 AT 2'-0" O.C.

FINISH NAIL TO  
 BOTTOM PLATE  
 TOP & BOTTOM  
 AT 12" O.C. FILL  
 HOLES BEFORE  
 STAINING

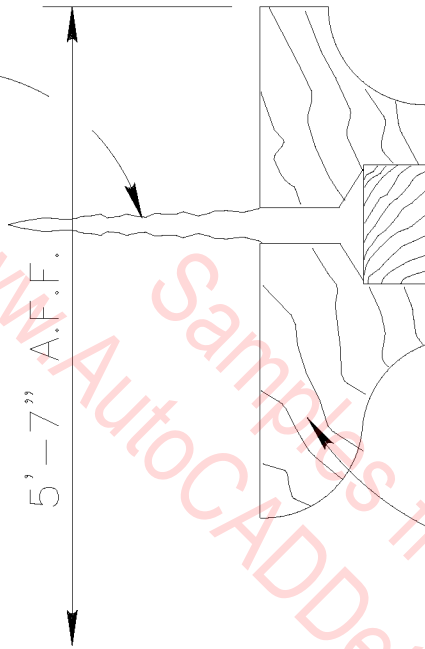
www.AutoCADDetails.net

# CHAIR RAIL DETAIL

SCALE : 3"=1'-0"



2 1/2" NO. 10 FLAT  
HEAD SCREW AT  
4'-0" O.C. RECES-  
SED INTO TRIM 1/4"

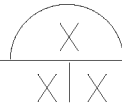


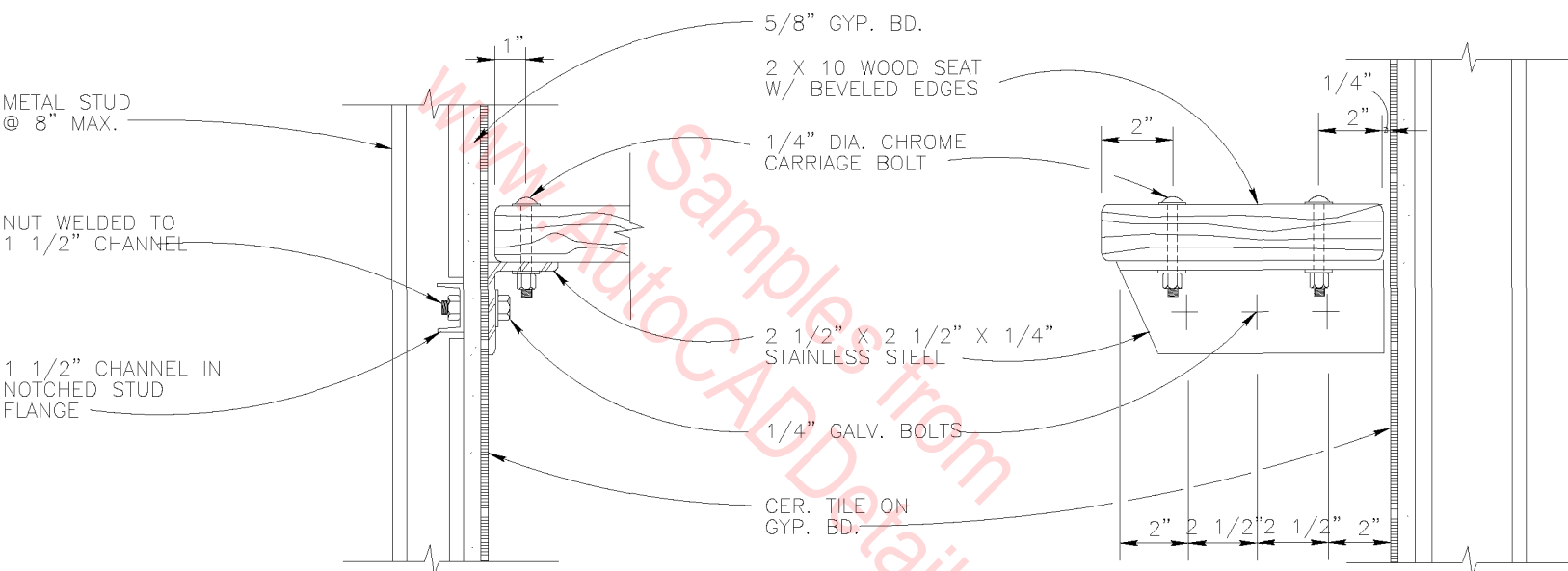
WOOD PLUG FINISHED  
TO MATCH NAILER

1 X 4 WOOD NAILING  
STRIP. FINISHED AS  
SCHEDULED

WOOD NAILER

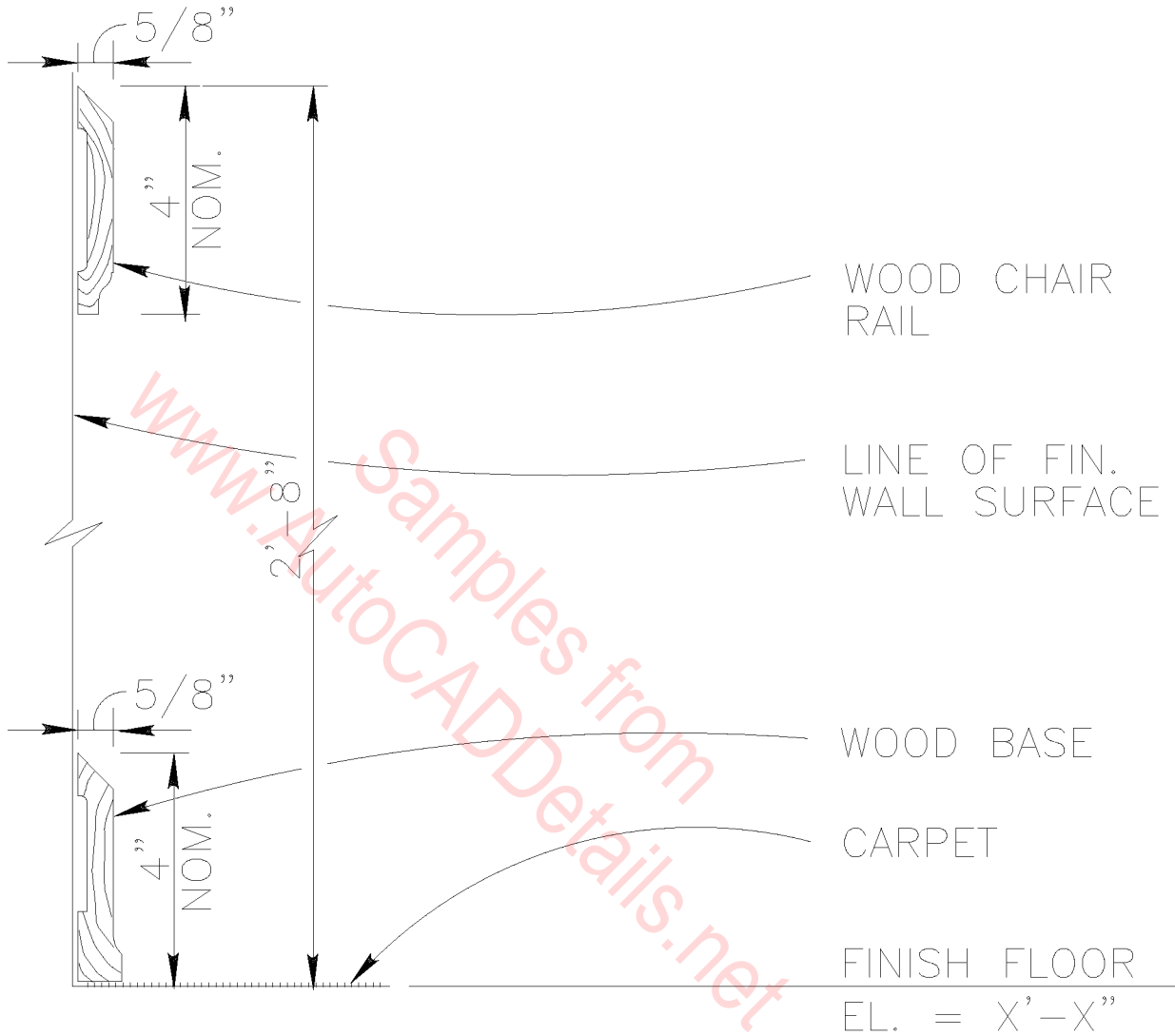
SCALE : 3"=1'-0"





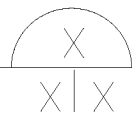
WOOD SEATS (WALL MOUNTED) X  
 SCALE : 3" = 1'-0" XIX

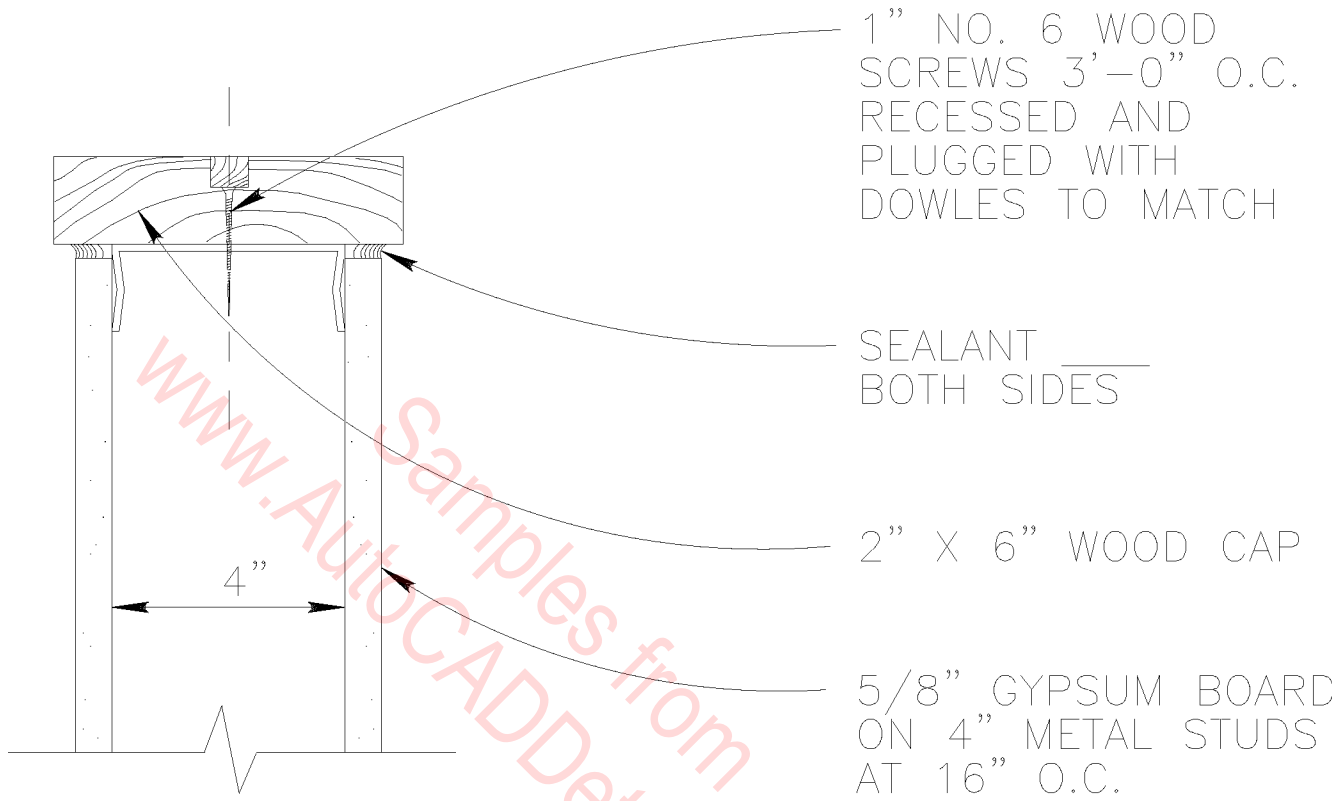




WOOD BASE AND CHAIR RAIL DETAIL

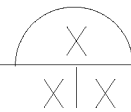
SCALE : 3" = 1'-0"





# HALF HEIGHT WALL CAP DETAIL

SCALE : 3" = 1'-0"



FINISH AS SCHEDULED

1" X 12" WOOD SHELVING

BRACKET

STANDARD - ANCHOR

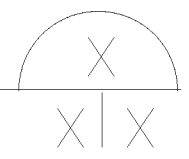
12" O.C. WITH 2" X 1/4" DIA.

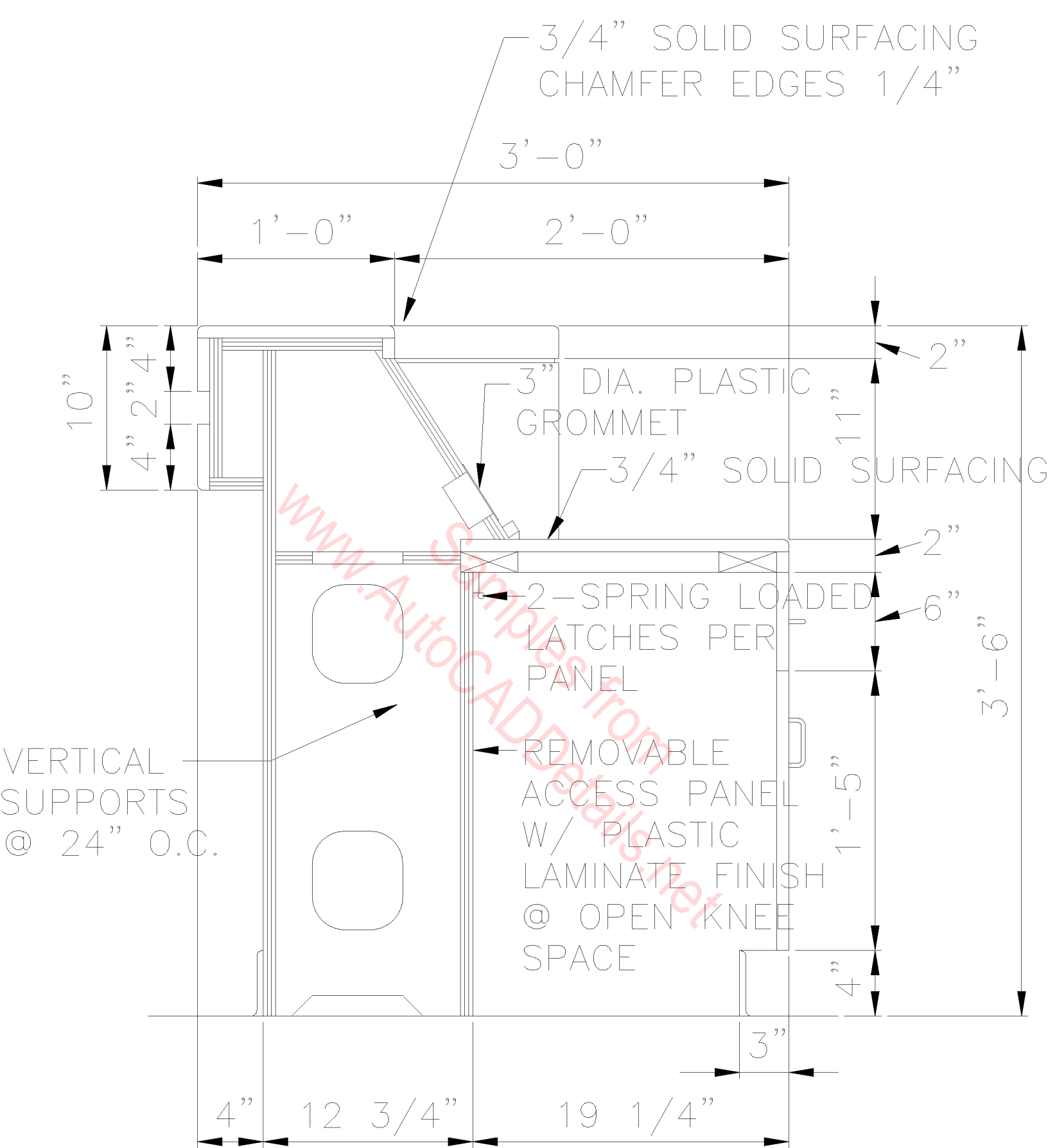
TOGGLE BOLTS

www.AutoCADDetails.net Samples from

# SHELF DETAIL

SCALE : 1 1/2" = 1'-0"





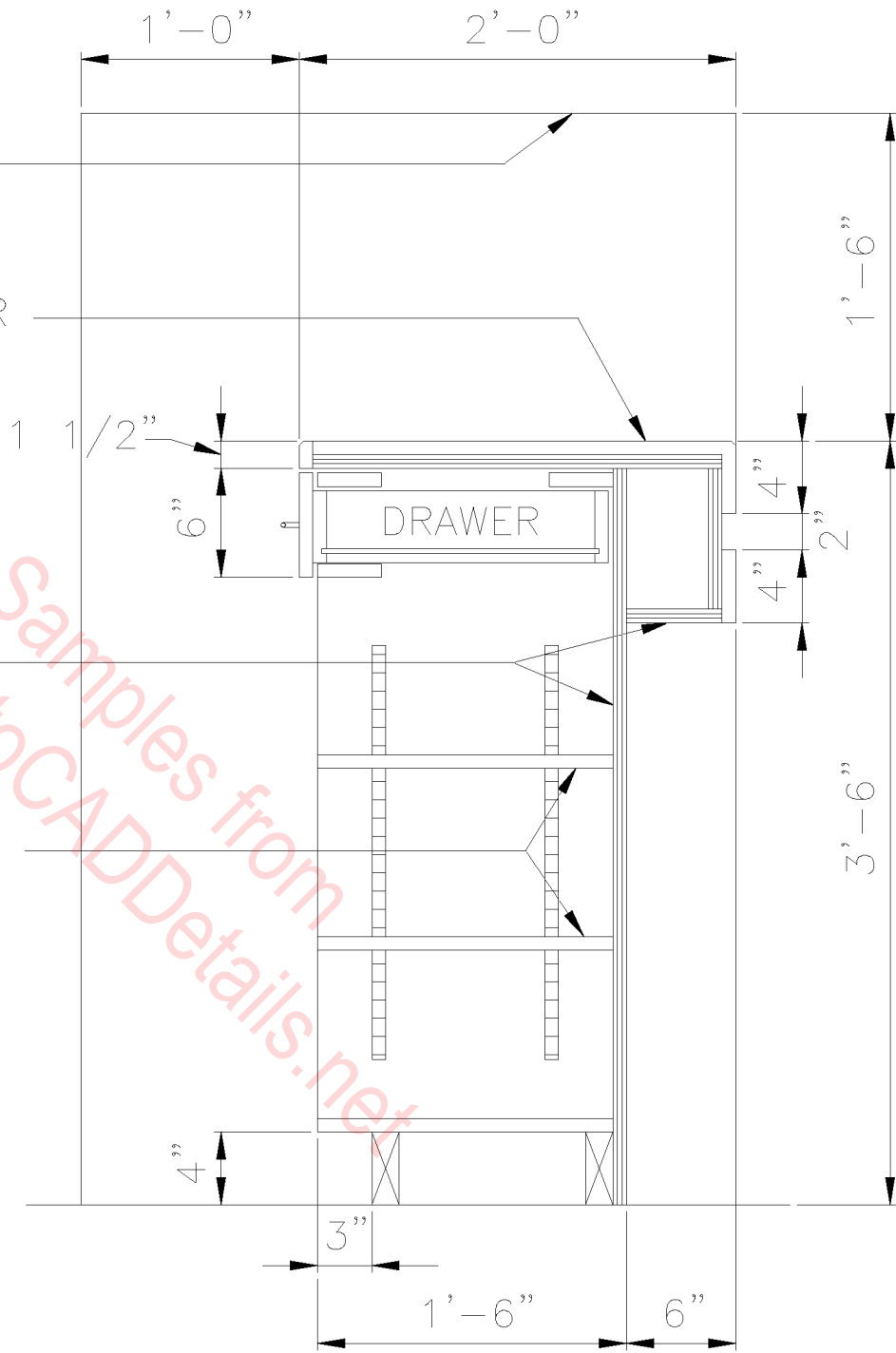
# RECEPTION COUNTER

SCALE: 1" = 1'-0"

DIVIDING SCREEN BEYOND,  
 2 LAYERS 3/4" PLYWOOD,  
 PLASTIC LAMINATE CLAD  
 3/4" SOLID SURFACE COUNTER  
 TOP AND TRIM BANDS

PLASTIC LAMINATE CLAD  
 3/4" PLYWOOD

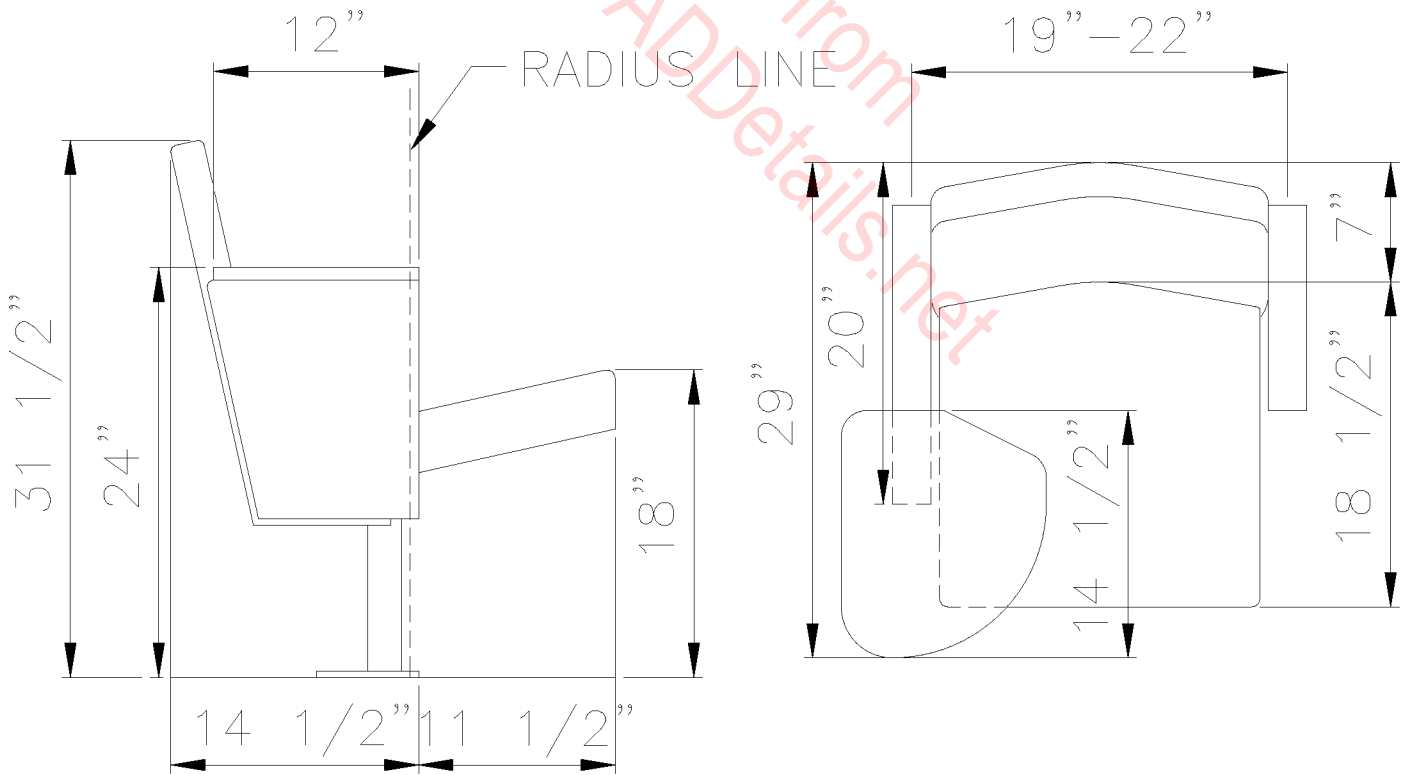
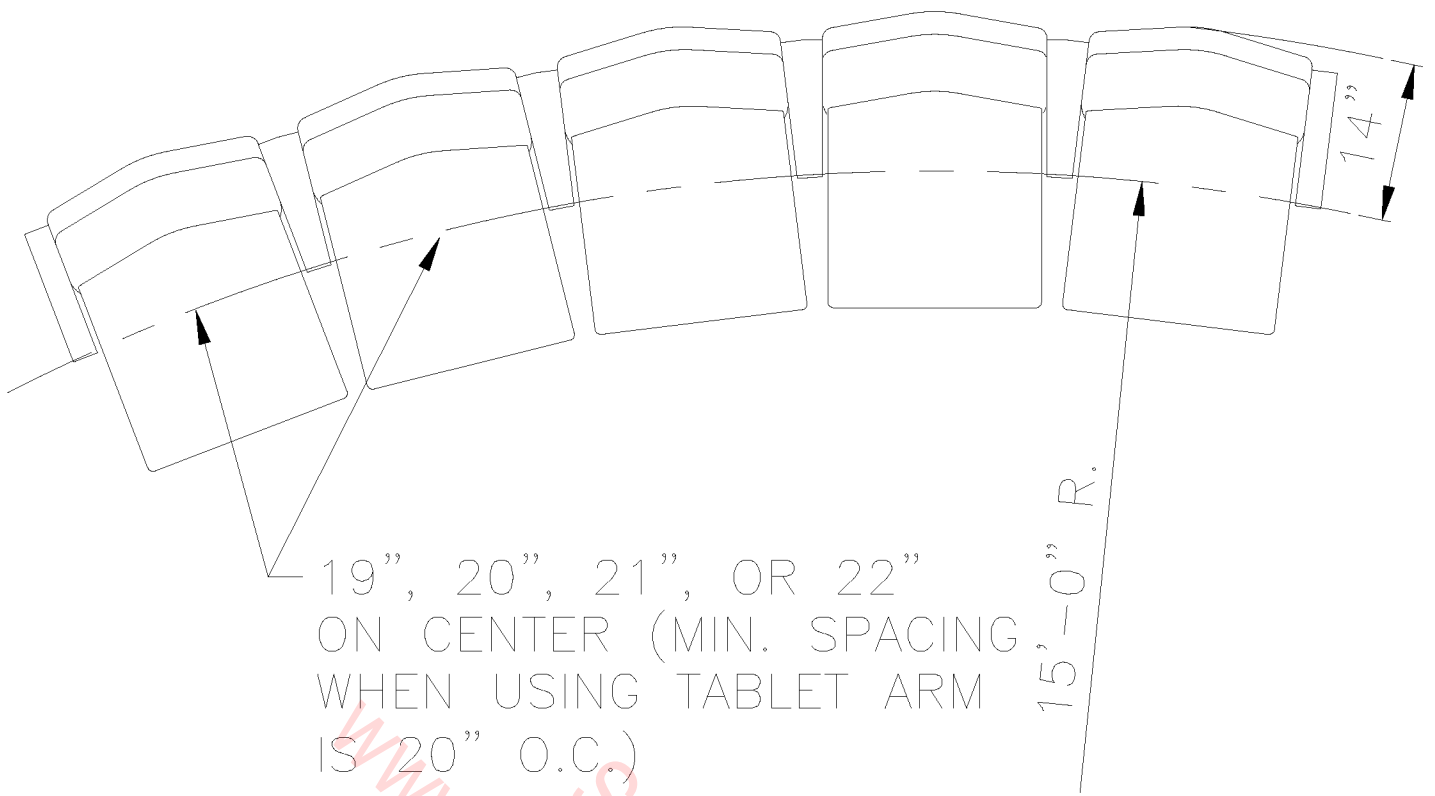
3/4" PLYWOOD SHELVES WITH  
 PLASTIC LAMINATE FINISH ON  
 ADJ. SHELF STANDARDS



# STANDING HEIGHT COUNTER

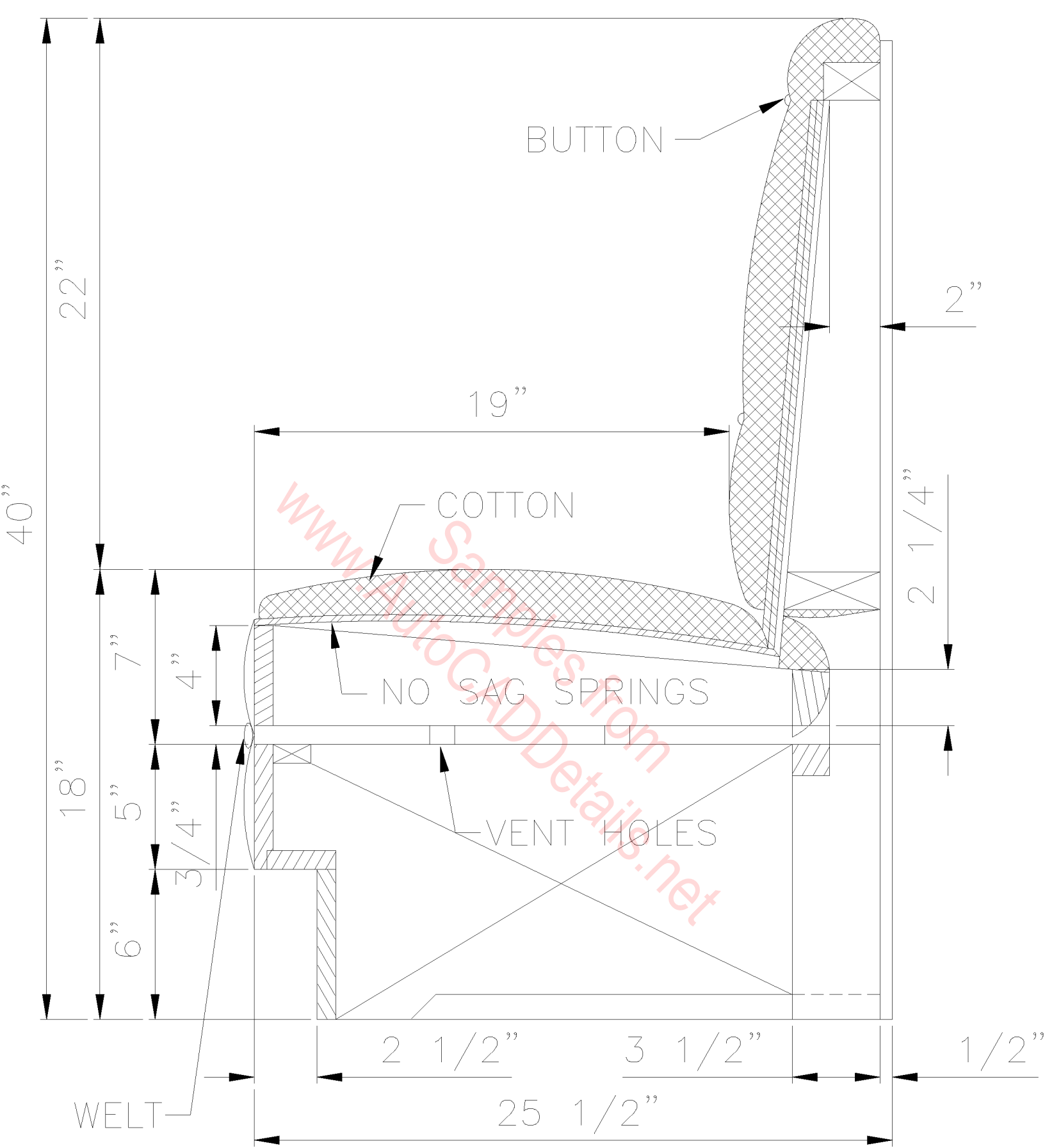
SCALE: 1" = 1'-0"

SCALE: N.T.S.



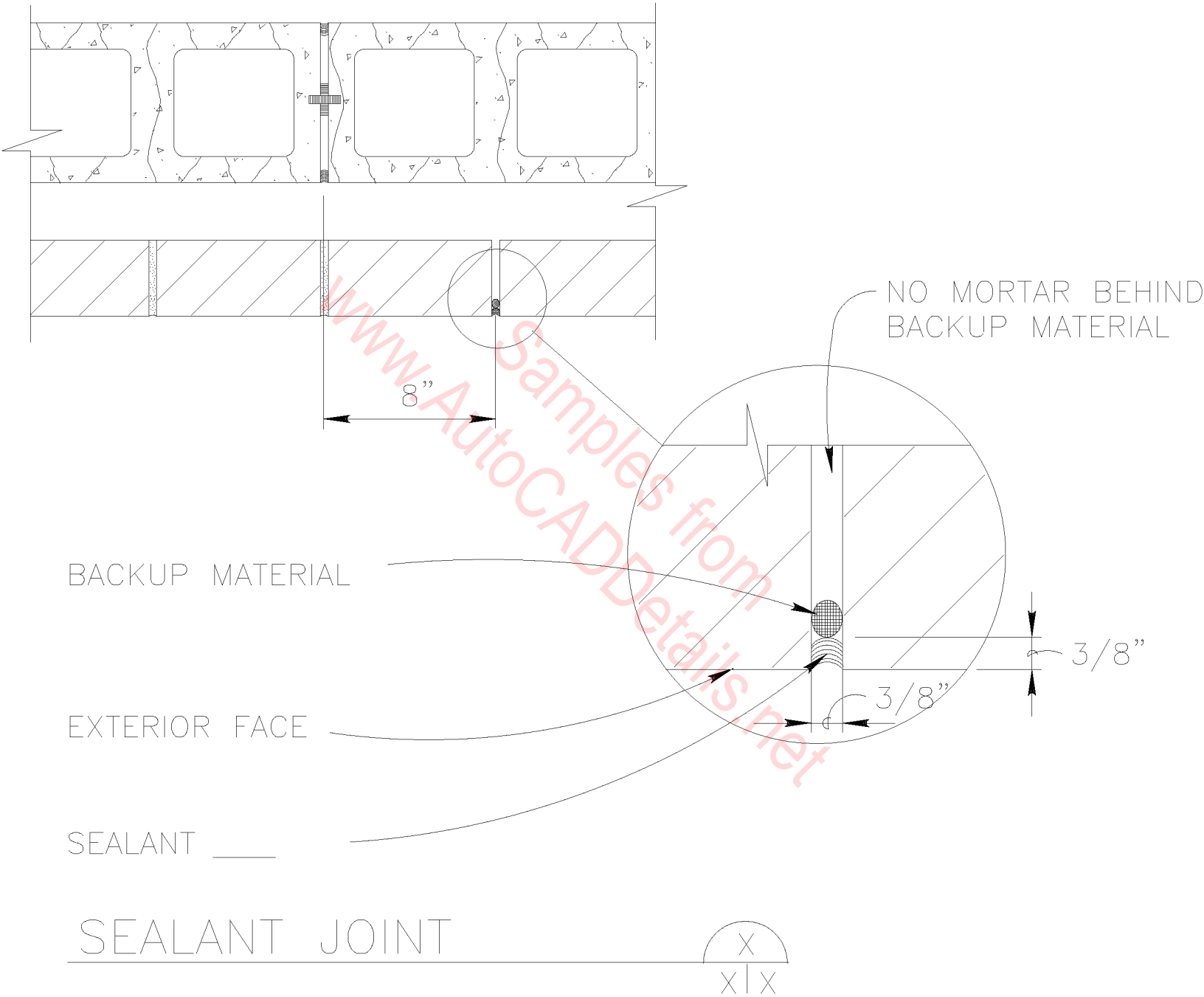
# AUDITORIUM SEATING

SCALE: 3/4" = 1'-0"

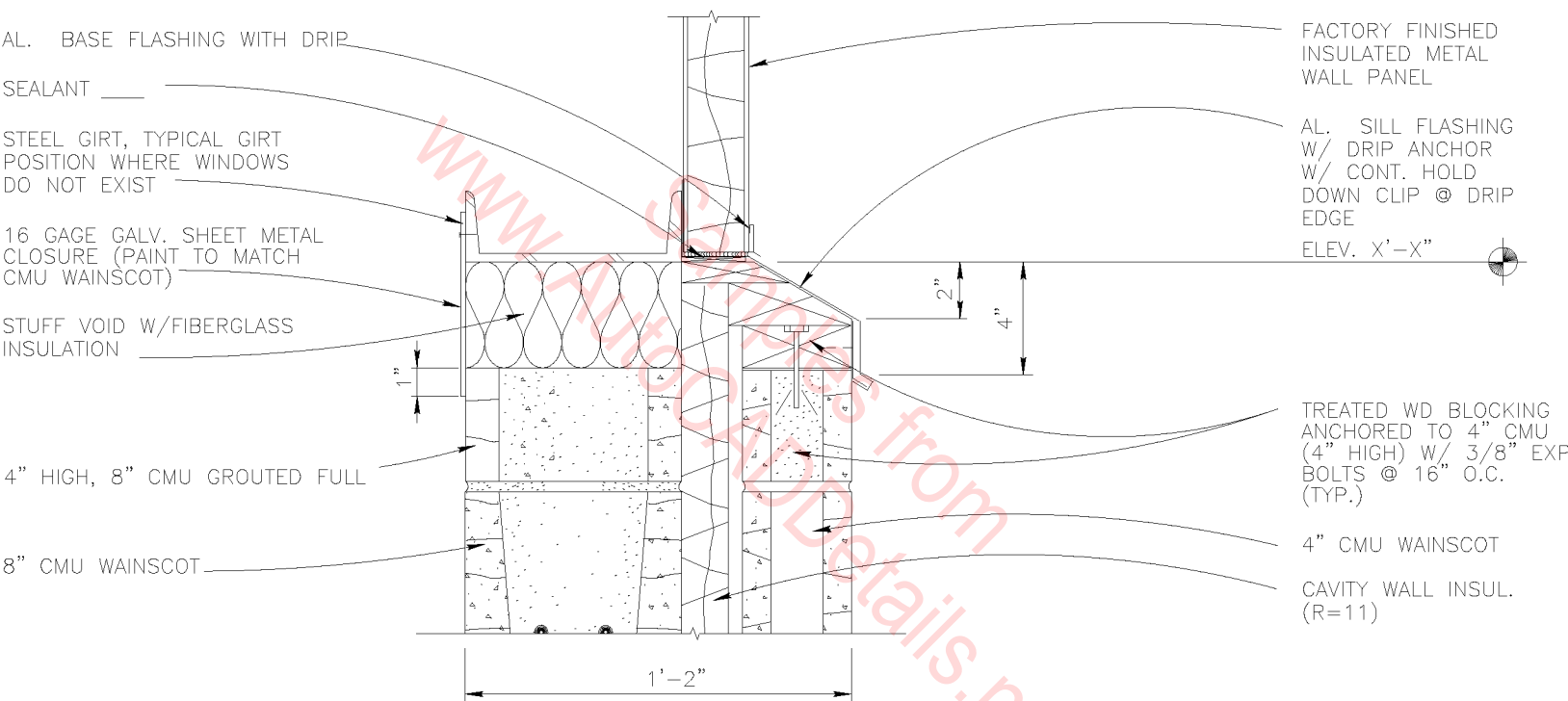


# BOOTH SEATING

SCALE: 1 1/2" = 1'-0"







WALL DETAIL  
 SCALE : 3"=1'-0"



STL. GIRT BELOW  
(SEE STRUCT.)

2"  
MIN

SHT. METAL  
CLOSURE  
FASTEN TO  
ONE SIDE  
ONLY

ELASTO-  
MERIC  
BELLOWS

BATT  
INSULATION

INSULATED MTL.  
WALL PANEL

PREFINISHED ALUM.  
EXP. JOINT COVER  
FASTEN TO ONE  
SIDE ONLY AS IN-  
DICATED, MATCH  
WALL COLOR

5"

1'-0"

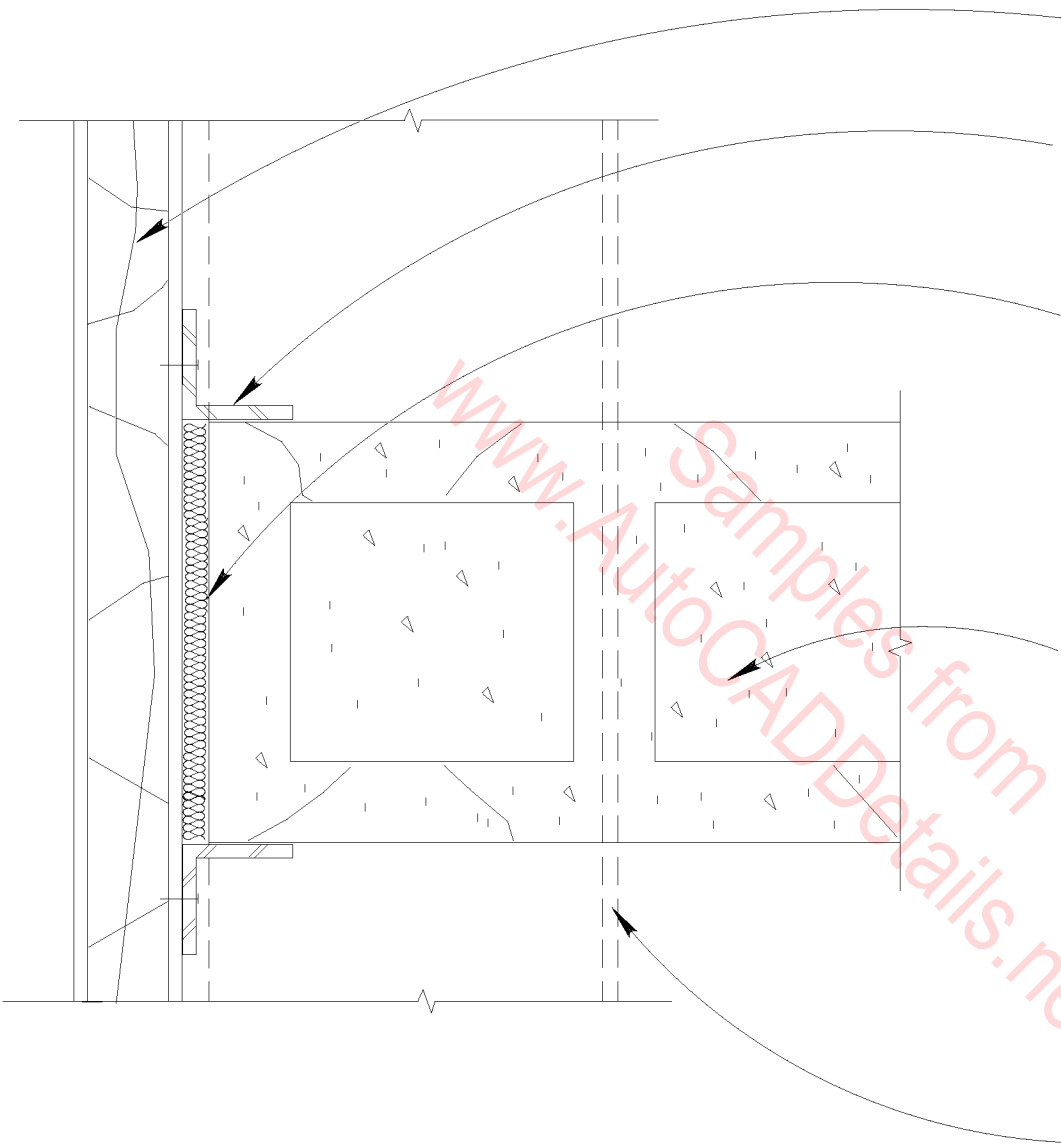
WALL PANEL EXP. JT. DETAIL

SCALE : 3"=1'-0"

X  
XIX

www.AutoCADDetails.net

Samples from



FACTORY FINISHED PRE-INSUL. MTL WALL PANELS

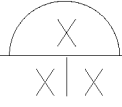
2"X2", 18 GAGE SHEET METAL CORNERS FASTEN TO SIDING ONLY

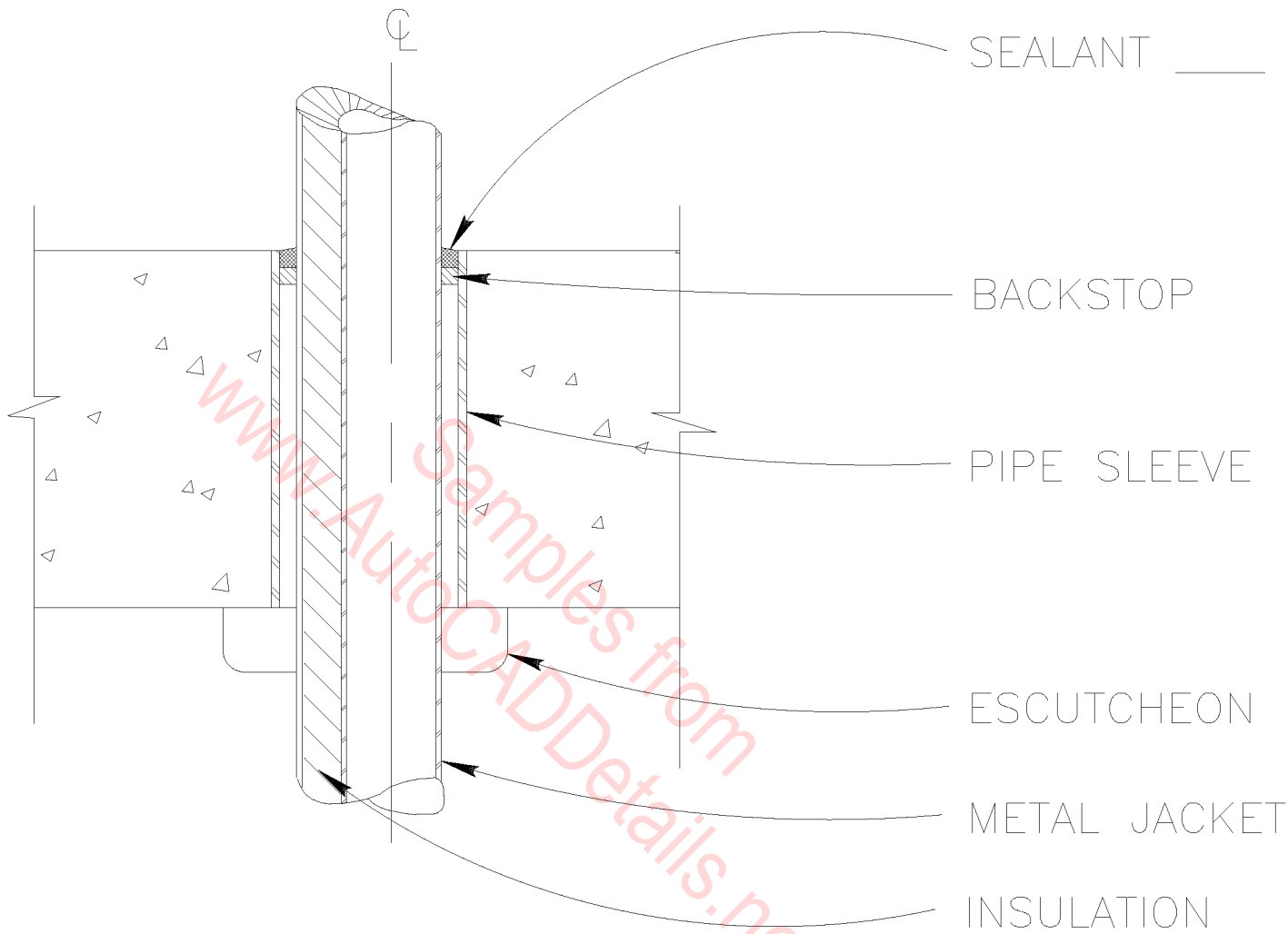
LIGHTLY FILL VOID W/ SAFING INSUL. PROVIDE 3/4" SPACE REQ. FOR BLDG. DEFLECTION BETWEEN CMU AND GIRTS, AND METAL WALL PANELS

CMU WALL, GROUT FIRST TWO CELLS FULL. NOTCH CMU WALL @ EACH GIRT TO PROVIDE SPACE FOR GIRT DEFLECTION, FILL VOIDS @ EACH GIRT W/SAFING AND PROVIDE SHEET METAL CLOSURE

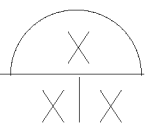
STEEL GIRT

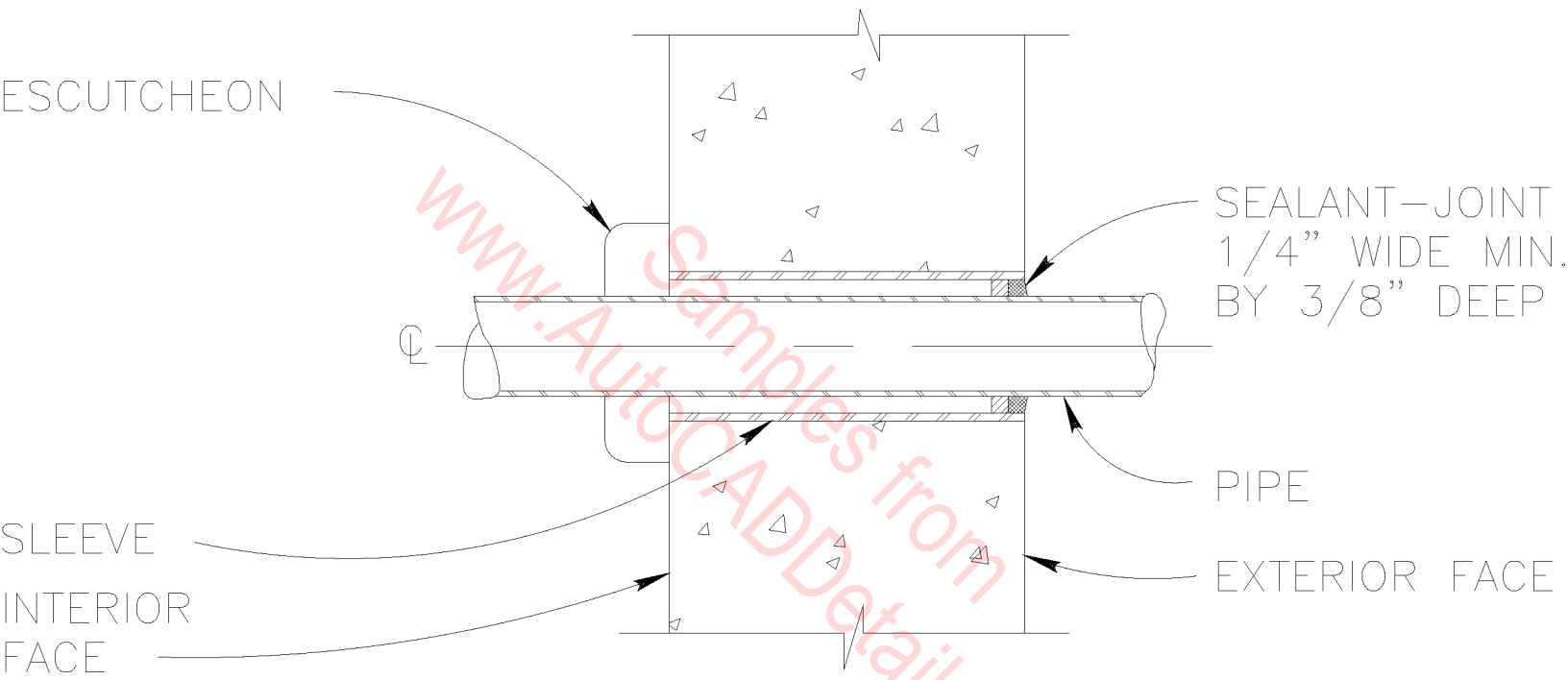
WALL DETAIL  
SCALE : 3"=1'-0"



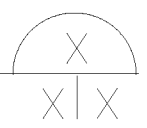


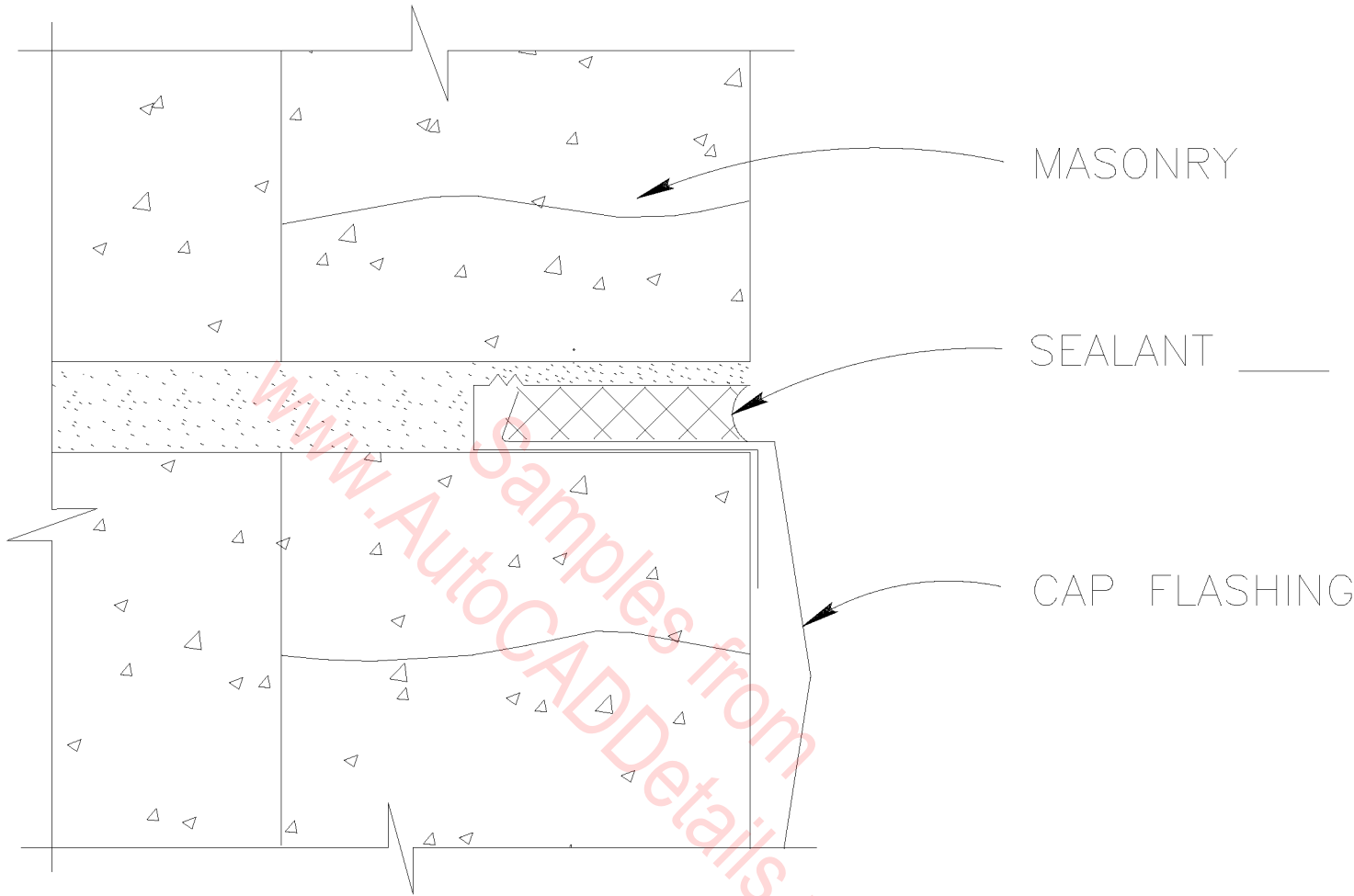
SEALANT JOINT





SEALANT JOINT



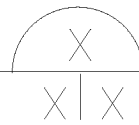


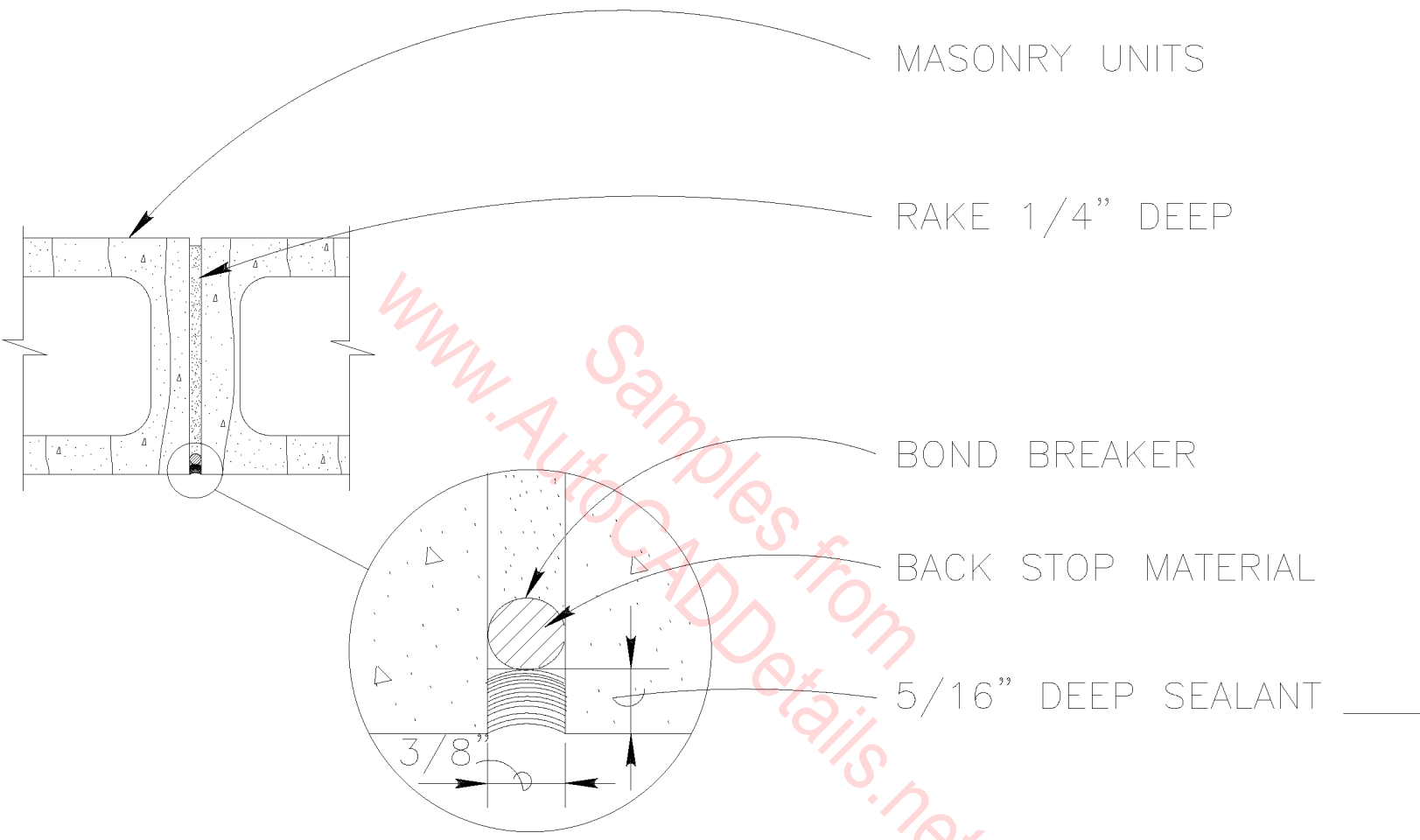
MASONRY

SEALANT

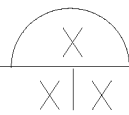
CAP FLASHING

SEALANT JOINT



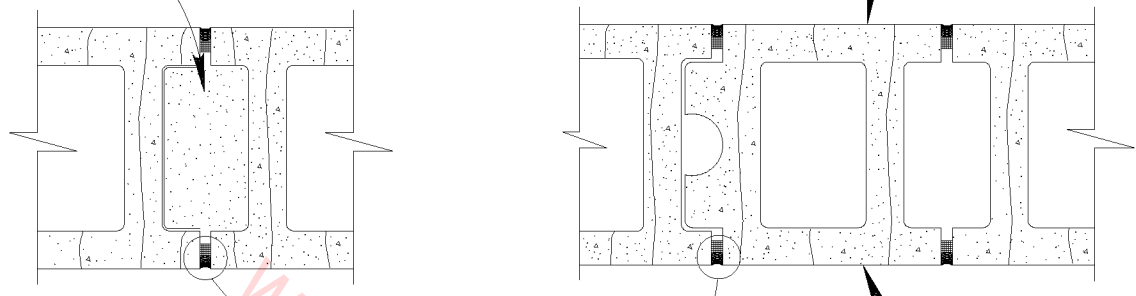


SEALANT JOINT



CEMENT  
GROUT

INTERIOR FACE



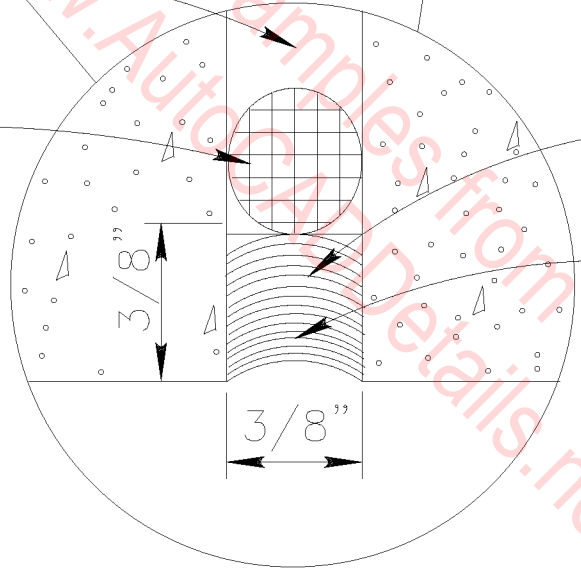
MORTAR

EXTERIOR FACE

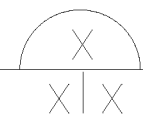
BACK STOP  
MATERIAL

RAKE 3/4" DEEP

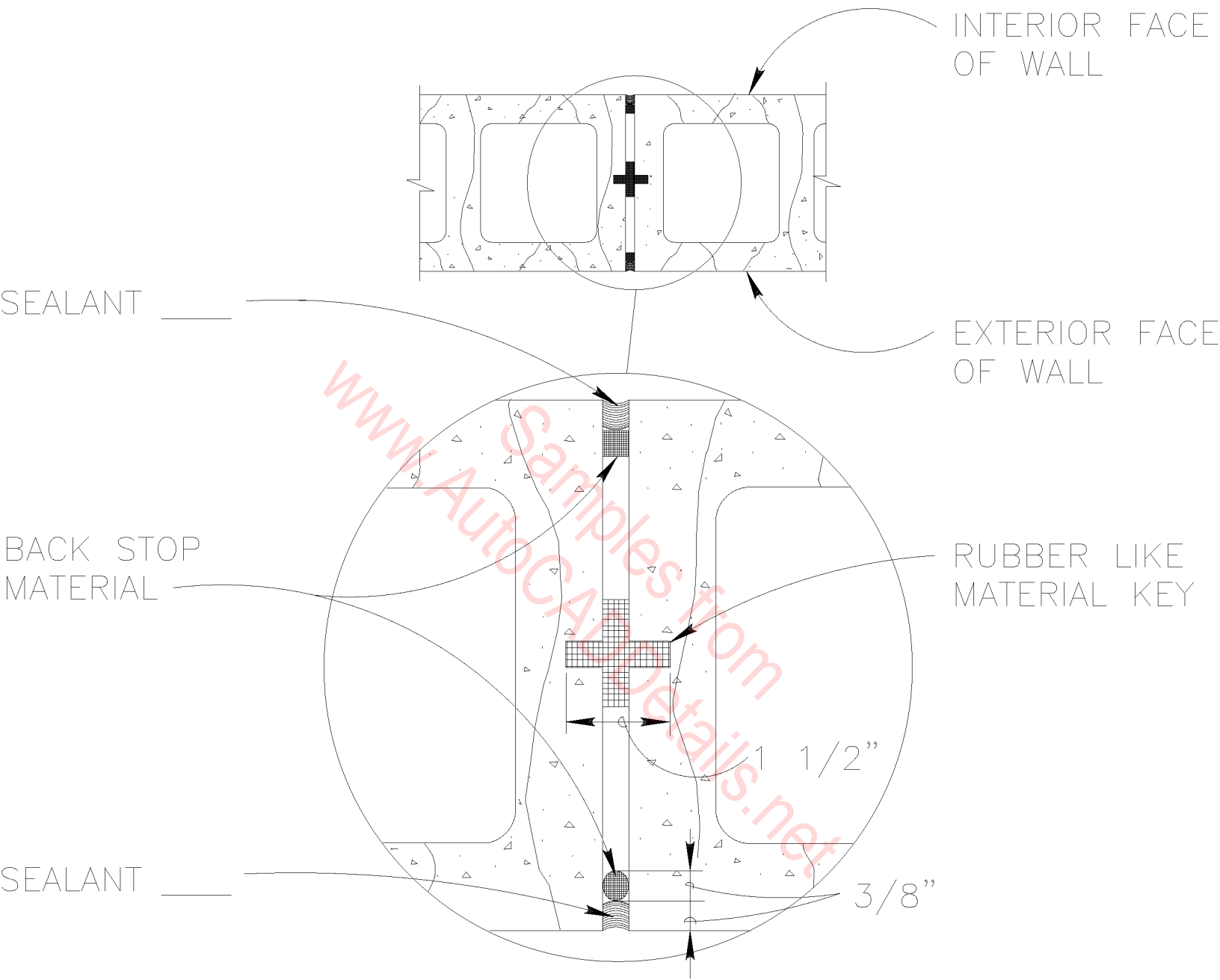
SEALANT



# SEALANT JOINT

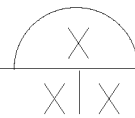


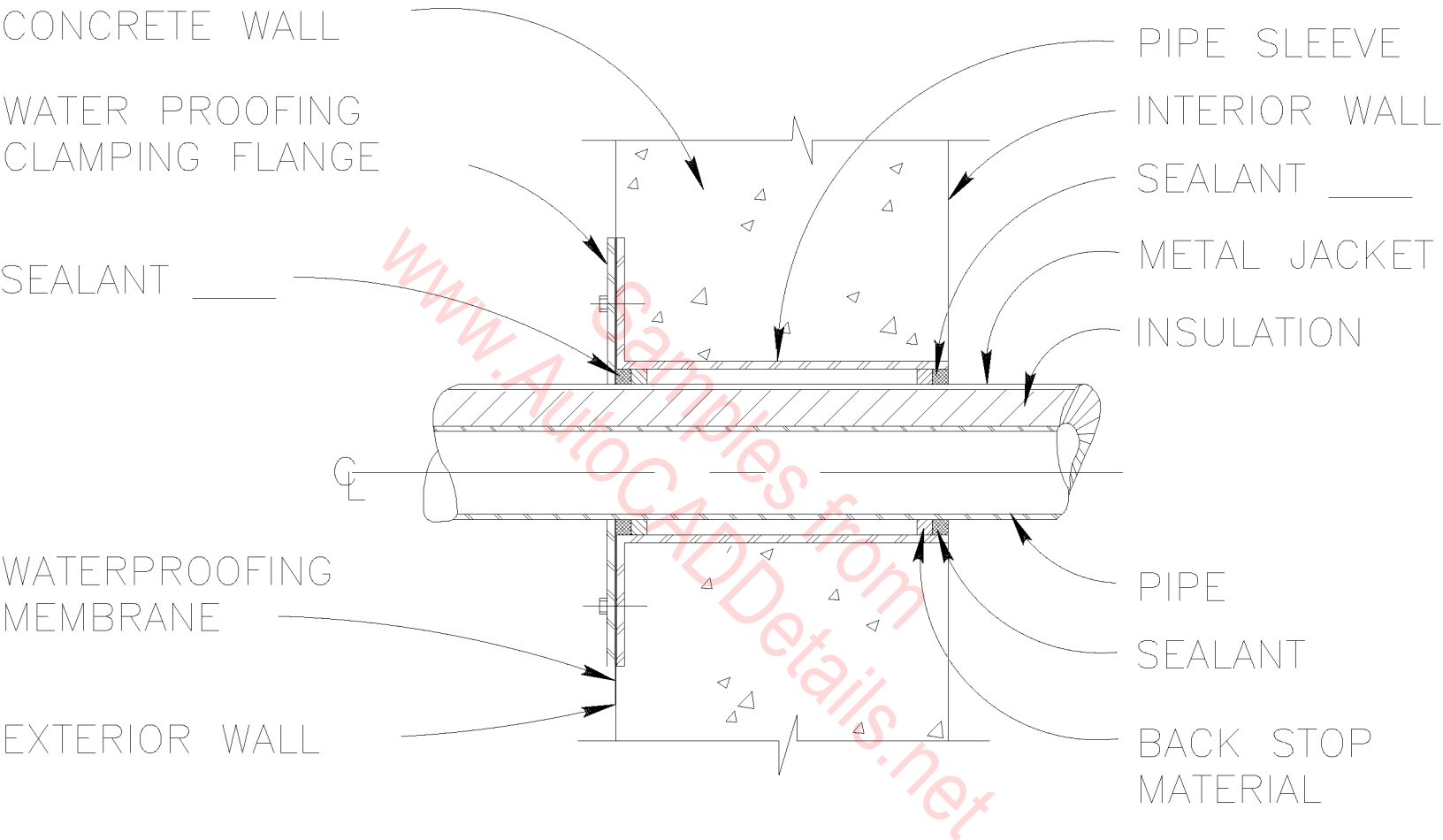




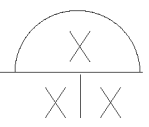
# SEALANT JOINT

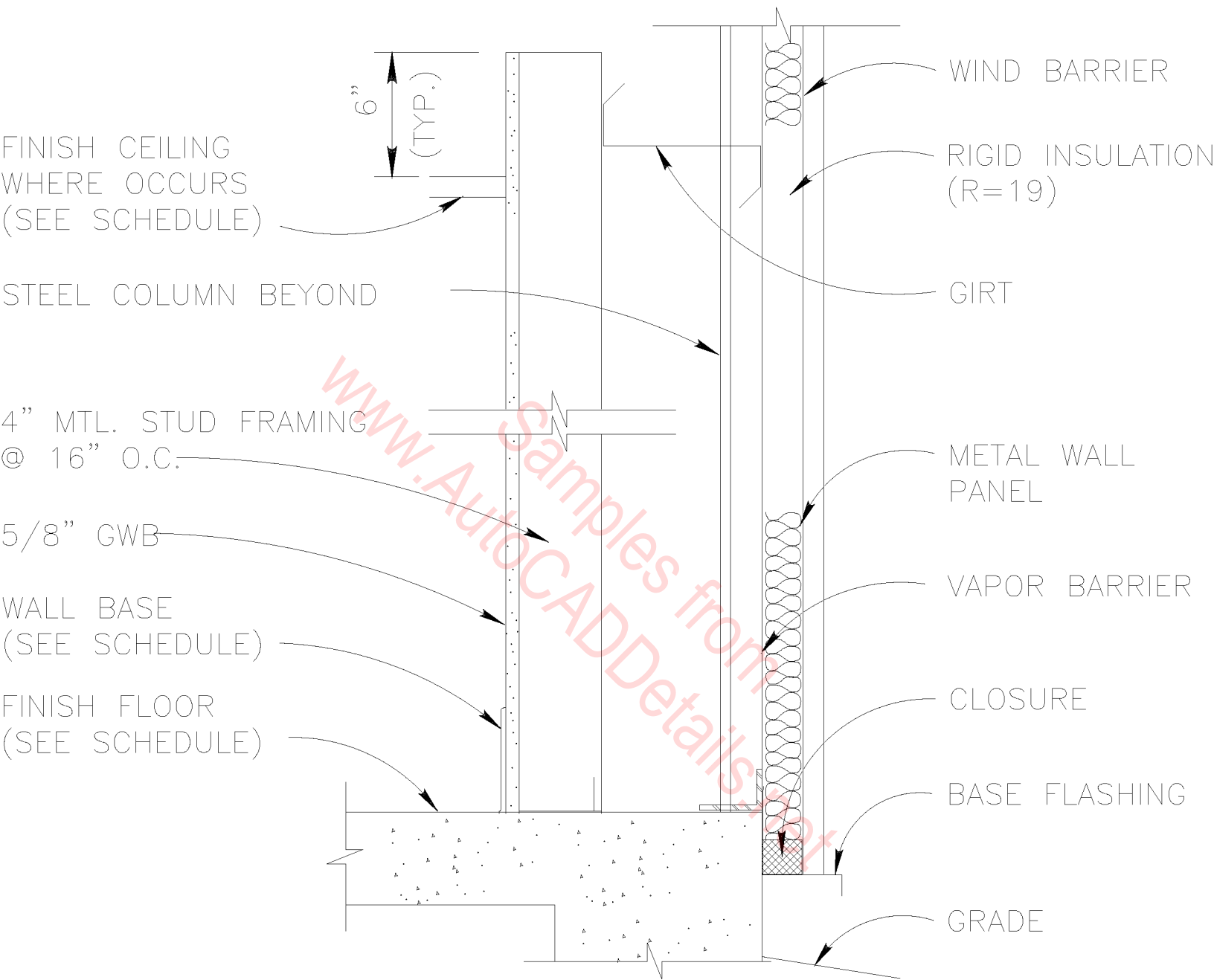
N.T.S.





SEALANT JOINT



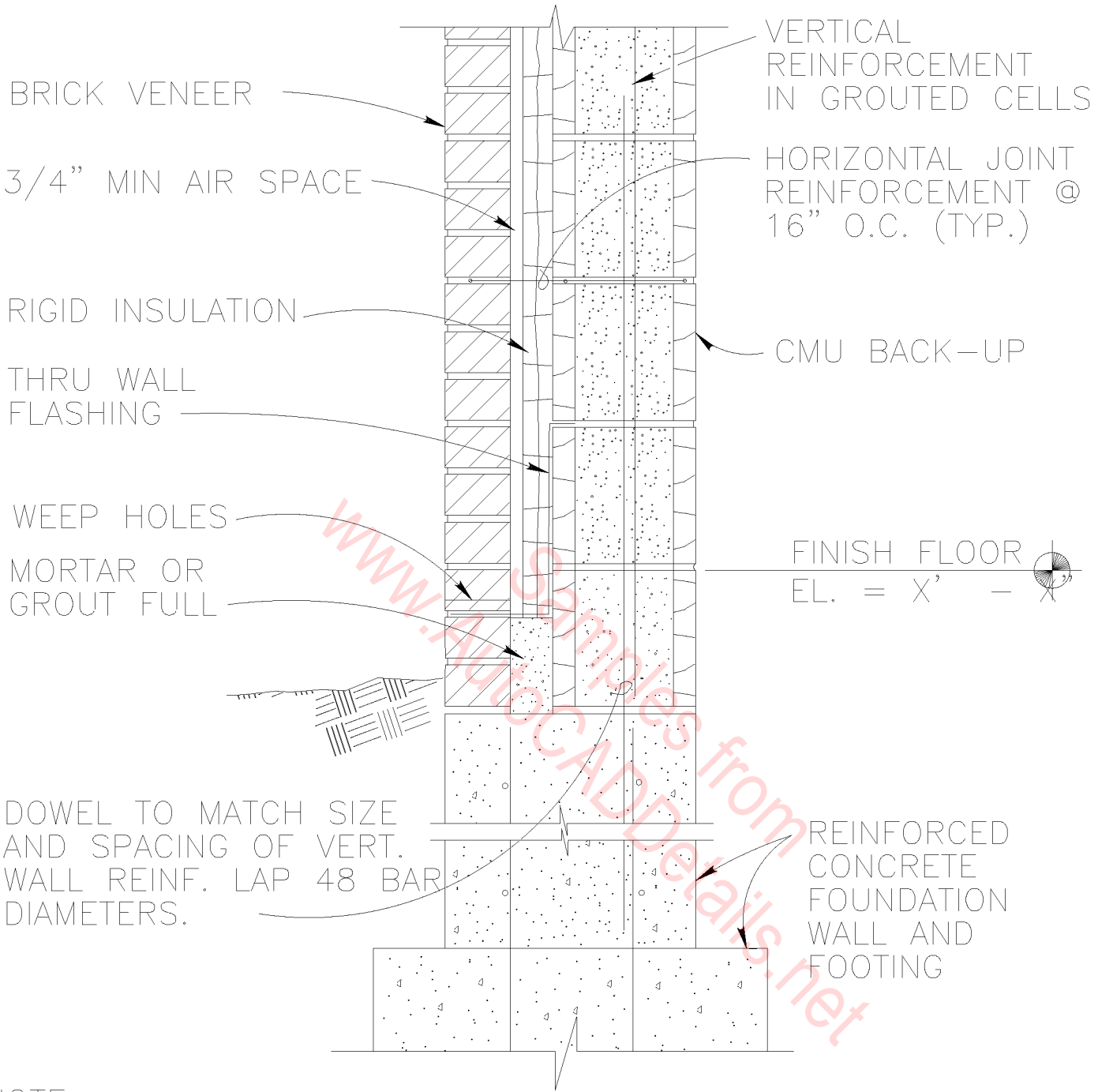


## METAL STUD PARTITION

MTL. WALL PANEL EXTERIOR

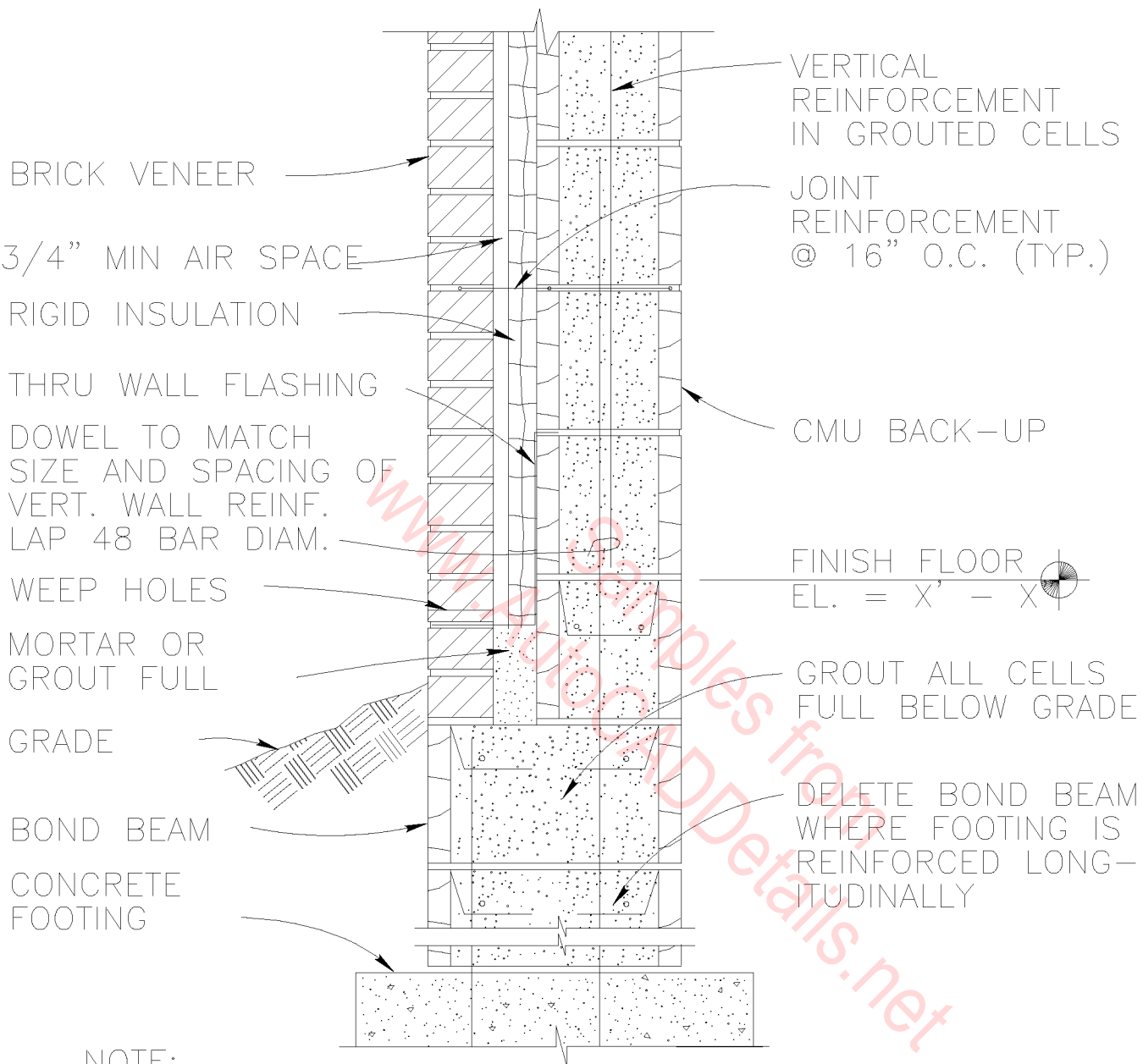
GWB ONE SIDE

SCALE : 1 1/2" = 1'-0"



NOTE:  
 TOP OF DOOR FRAME MUST MATCH COURSING TO PREVENT CUTTING CMU.  
 OPTIONS ARE: VARYING DOOR FRAME HEAD OR VARYING DOOR HEIGHT.  
 STARTING COURSING AT OTHER THAN FINISH FLOOR LEVEL  
 IS NOT RECOMMENDED SINCE INTERIOR MASONRY WALLS PLACED  
 ON THE FINISHED FLOOR MAY NEED TO COURSE WITH THE OTHER WALLS.

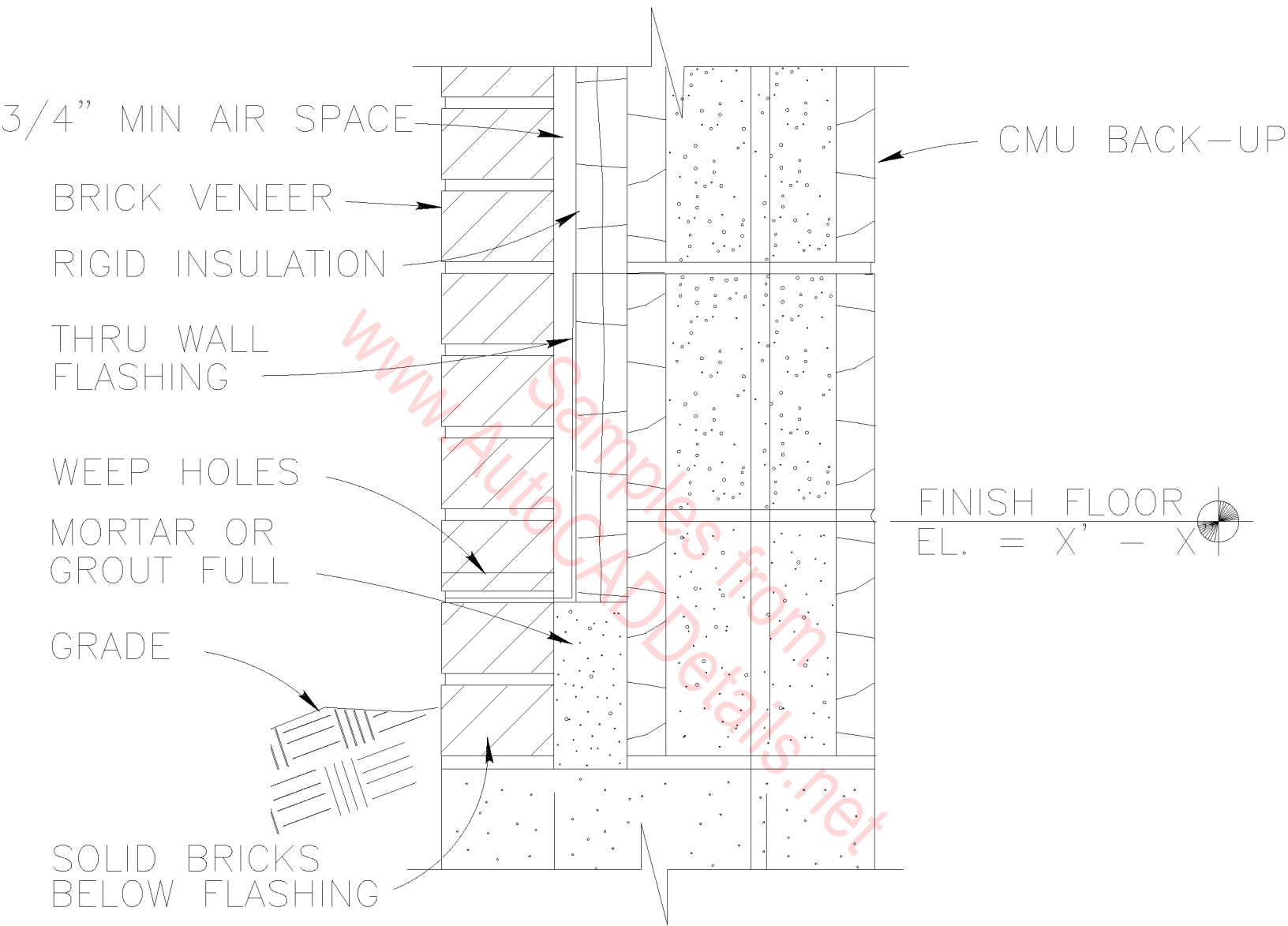
## ANCHORED VENEER SECTION AT BASE (CONCRETE FOUND.)



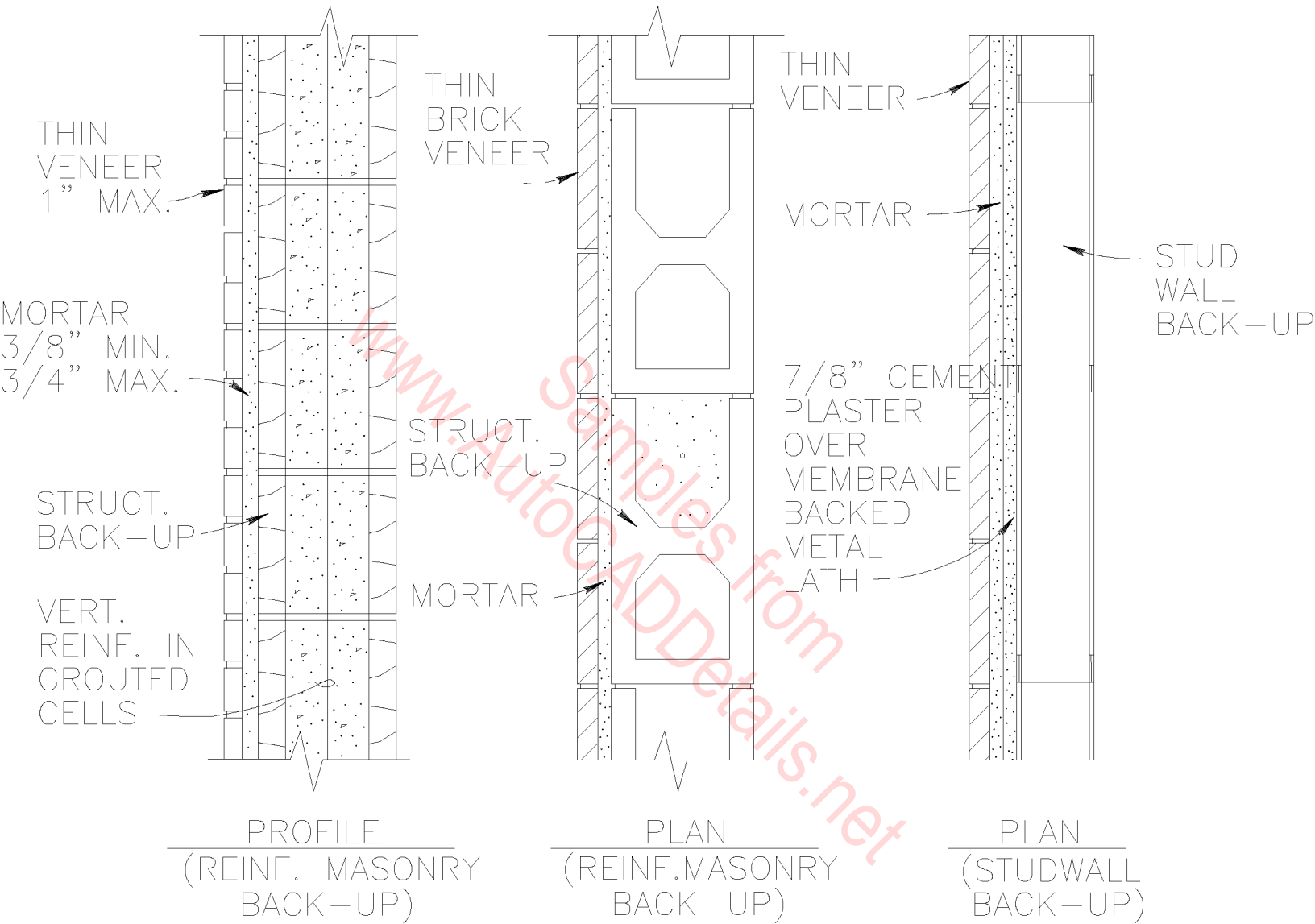
NOTE:

TOP OF DOOR FRAME MUST MATCH COURSING TO PREVENT CUTTING CMU. OPTIONS ARE: VARYING DOOR FRAME HEAD OR VARYING DOOR HEIGHT. STARTING COURSING AT OTHER THAN FINISH FLOOR LEVEL IS NOT RECOMMENDED SINCE INTERIOR MASONRY WALLS PLACED ON THE FINISHED FLOOR MAY NEED TO COURSE WITH THE OTHER WALLS.

## ANCHORED VENEER SECTION AT BASE (CMU FOUNDATION)

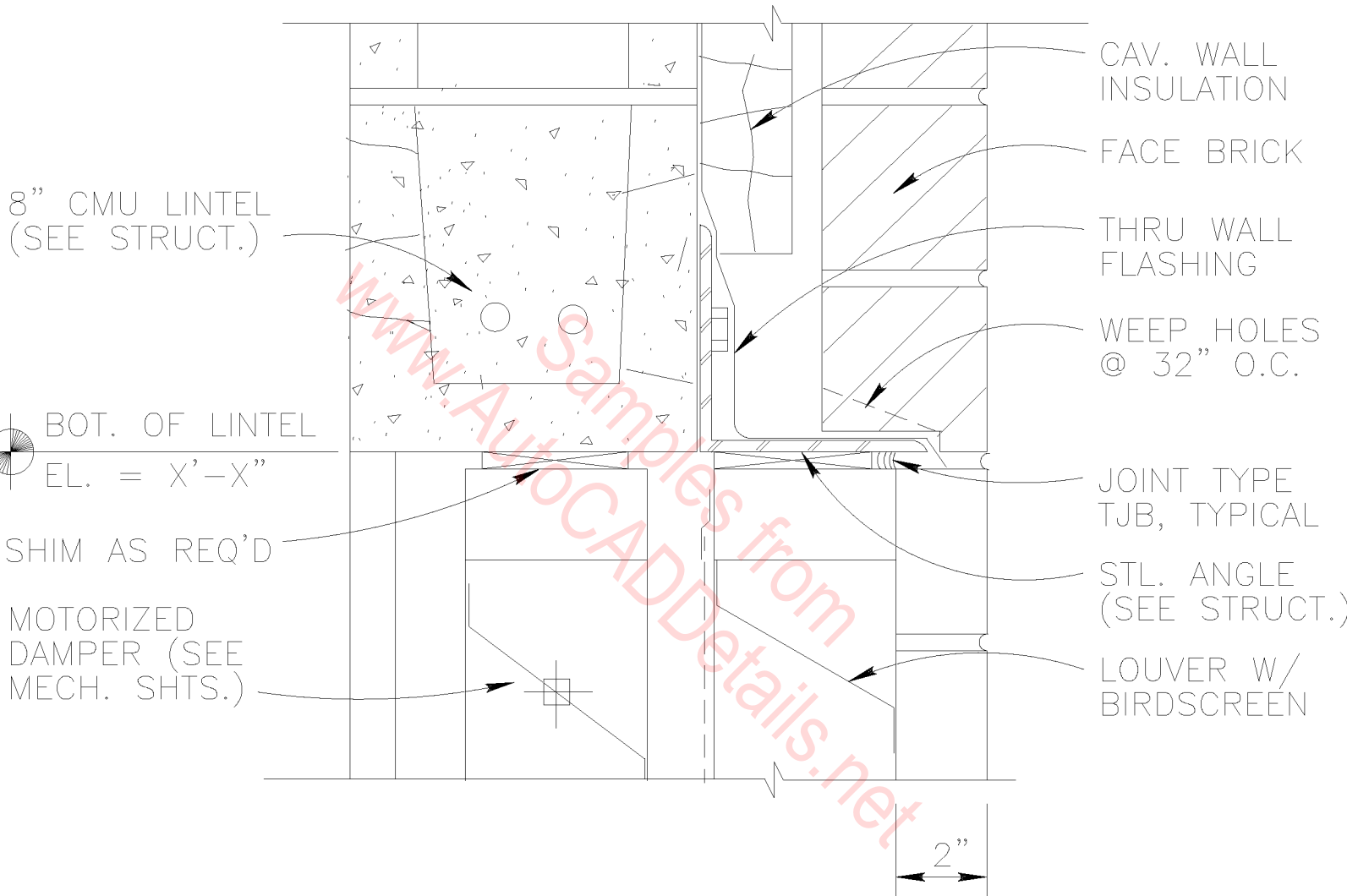


# THRU-WALL FLASHING OPTION



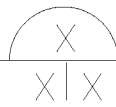
NOTE: LIMIT WALL DEFLECTION TO  $L/720$

# ADHERED THIN VENEER DETAILS



# LOUVER HEAD

SCALE : 3" = 1'-0"





EXT. INSUL  
& FINISH  
SYSTEM

8" CMU

SEALANT

INSECT  
SCREEN

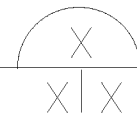
HEAD / JAMB

DUCT - WHERE  
OCCURS. REF.  
MECHANICAL

www.AutocADDetails.net

# LOUVER DETAIL

SCALE : 3" = 1'-0"



8" CMU GROUT  
FULL

7" X 2" 1/4"  
BENT PLATE  
@ JAMBS W/  
(3) 5/8" DIA.  
WEDGE TYPE  
EXP. ANCHORS  
W/ MIN. EM-  
BED 4"

FACE BRICK

CAVITY WALL  
INSULATION

SEALANT

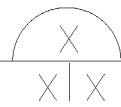
SHIM, AS  
REQUIRED

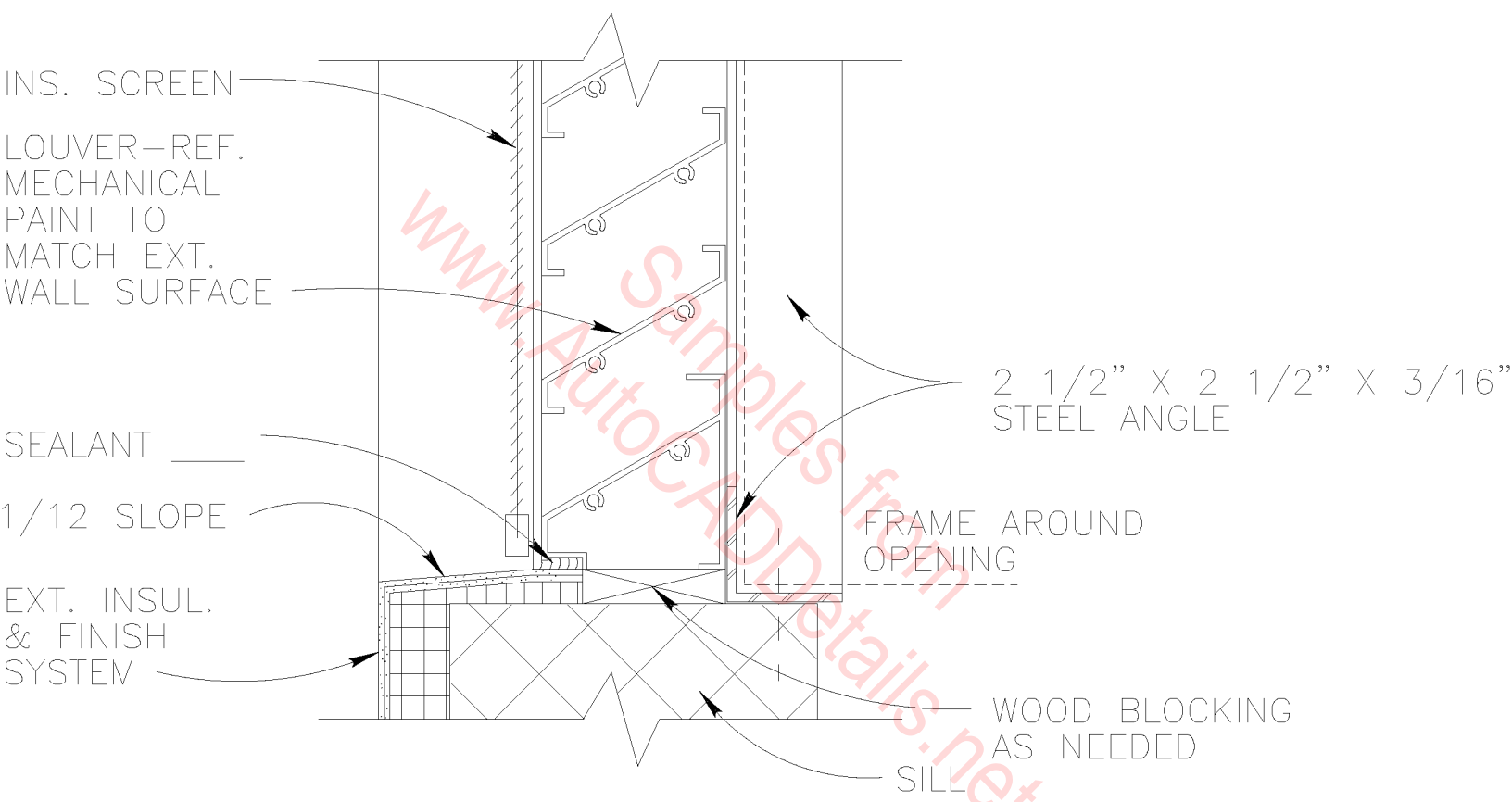
JOINT TYPE

2"

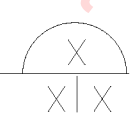
# LOUVER JAMB

SCALE : 3" = 1'-0"





LOUVER DETAIL  
 SCALE : 3" = 1'-0"



STEEL BEAM W/  
CHANNEL & PLATE  
WELDED TO BOT-  
TOM (SEE STRUCT.)

METAL STUD W/  
EXT. GYPSUM BD.  
SHEATHING AND  
BATT INSULATION

FACE BRICK

THRU WALL  
FLASHING

WEEP HOLES  
@ 32" O.C.

BOTTOM OF  
STEEL PLATE

EL. = X'-X"

SEALANT

LOUVER

FACE BRICK  
BEYOND

SEALANT

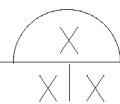
H.M. FRAME

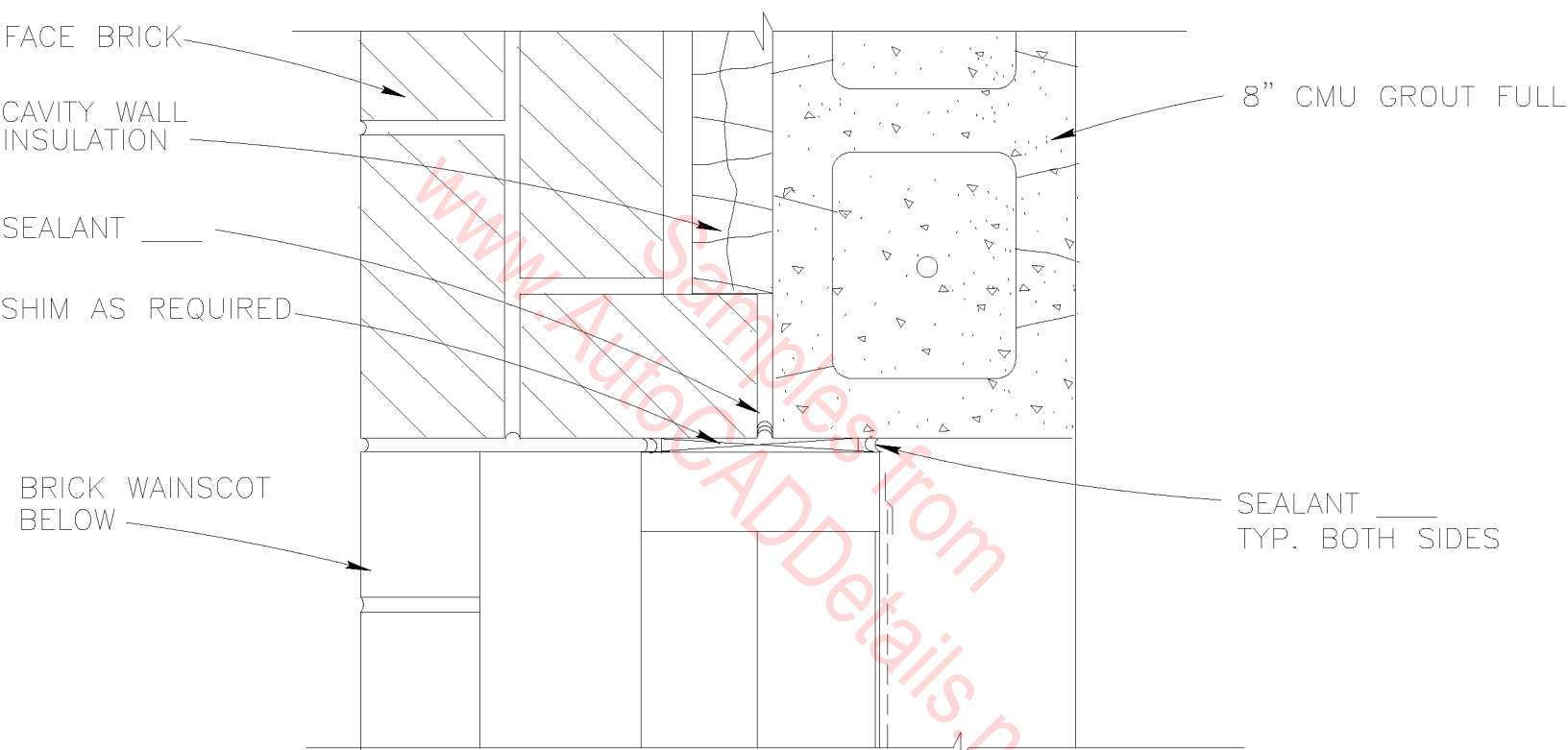
H.M. DOOR

www.AutocADDetails.net  
Samples from

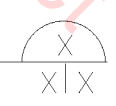
HEAD

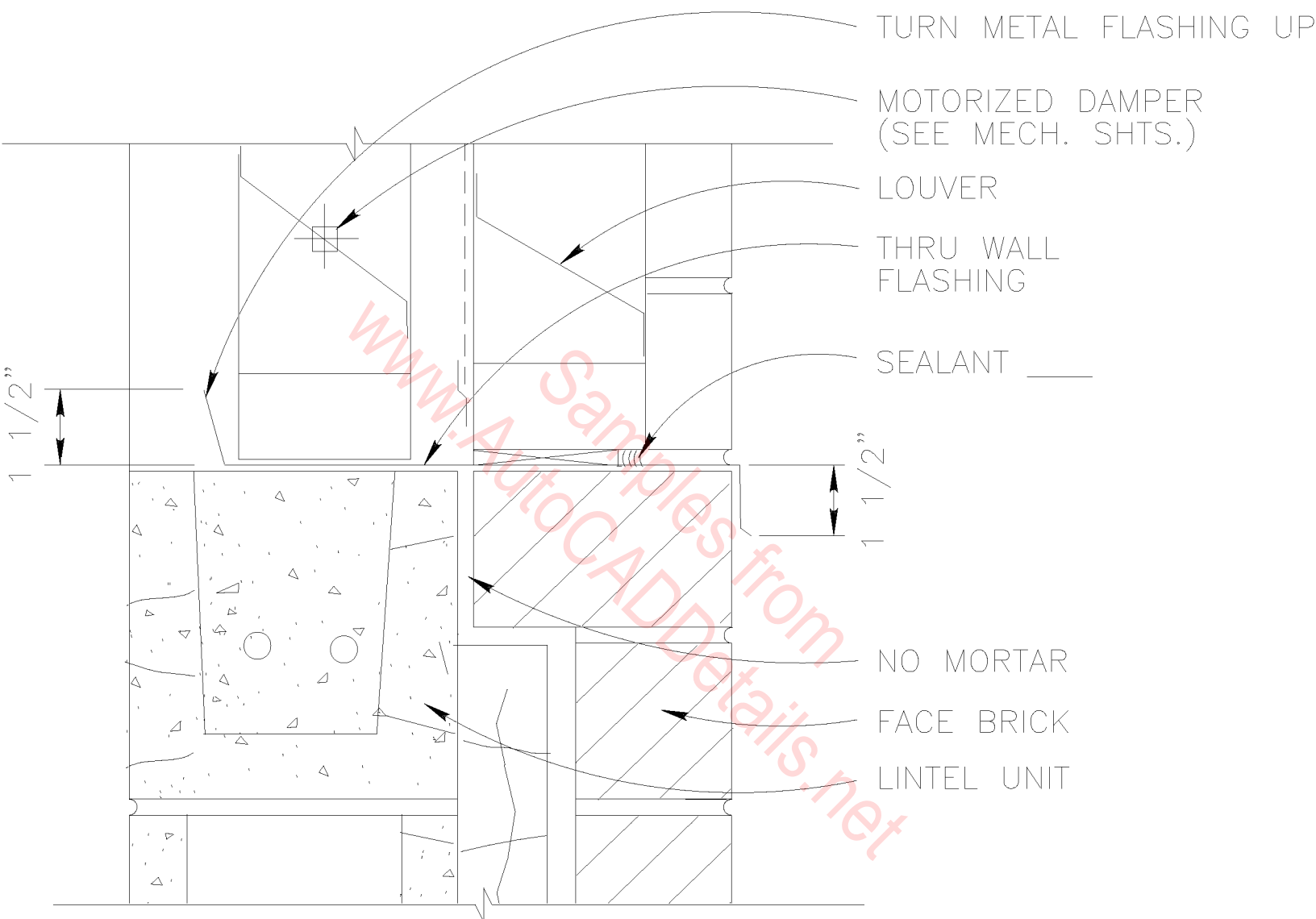
SCALE : 3"=1'-0"





LOUVER JAMB  
 SCALE : 3"=1'-0"





TURN METAL FLASHING UP

MOTORIZED DAMPER  
(SEE MECH. SHTS.)

LOUVER

THRU WALL  
FLASHING

SEALANT

1 1/2"

1 1/2"

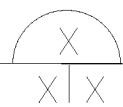
NO MORTAR

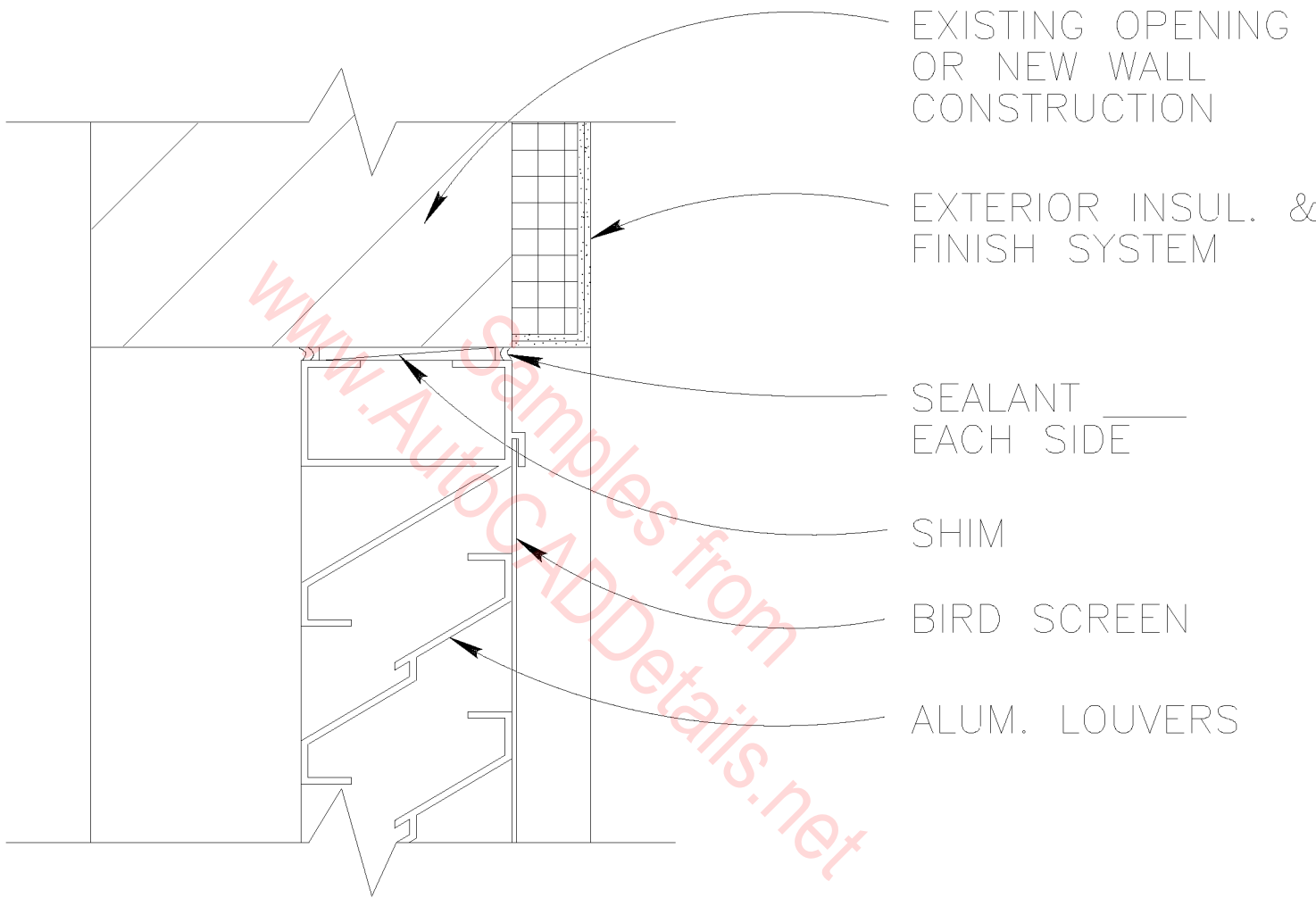
FACE BRICK

LINTEL UNIT

LOUVER SILL

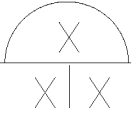
SCALE : 3" = 1'-0"

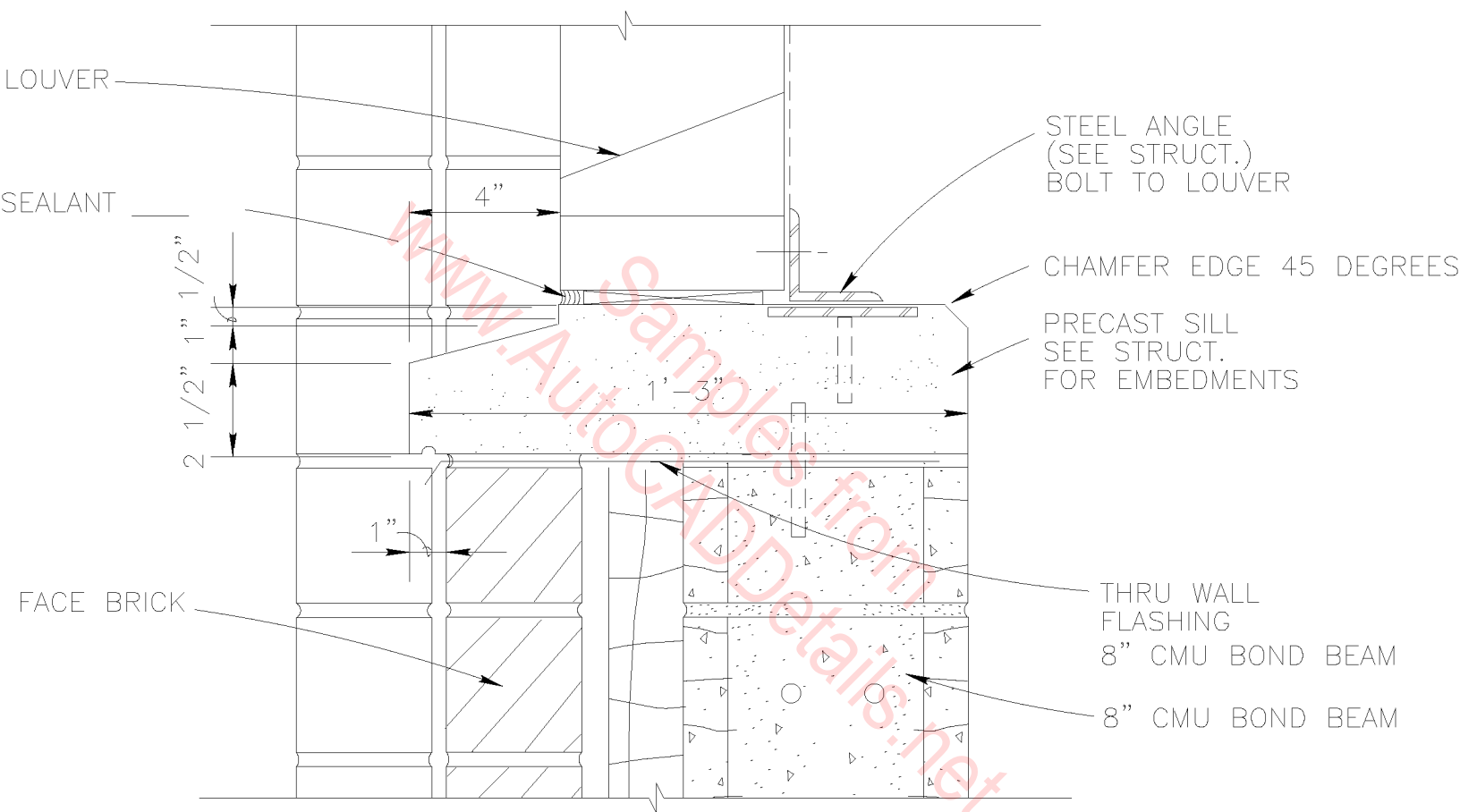




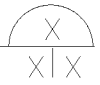
HEAD (LOUVER)

SCALE : 3" = 1'-0"





LOUVER SILL  
 SCALE : 3" = 1'-0"





FACE BRICK

THRU WALL  
FLASHING

BATT INSUL.

STEEL BEAM  
W/ STEEL  
PLATE (SEE  
STRUCT.)

WEEP HOLES  
@ 32" O.C.

B.O. STEEL PLATE  
EL. = X'-X''

SEALANT

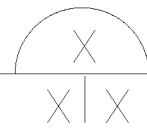
LOUVER W/  
BIRDSCREEN

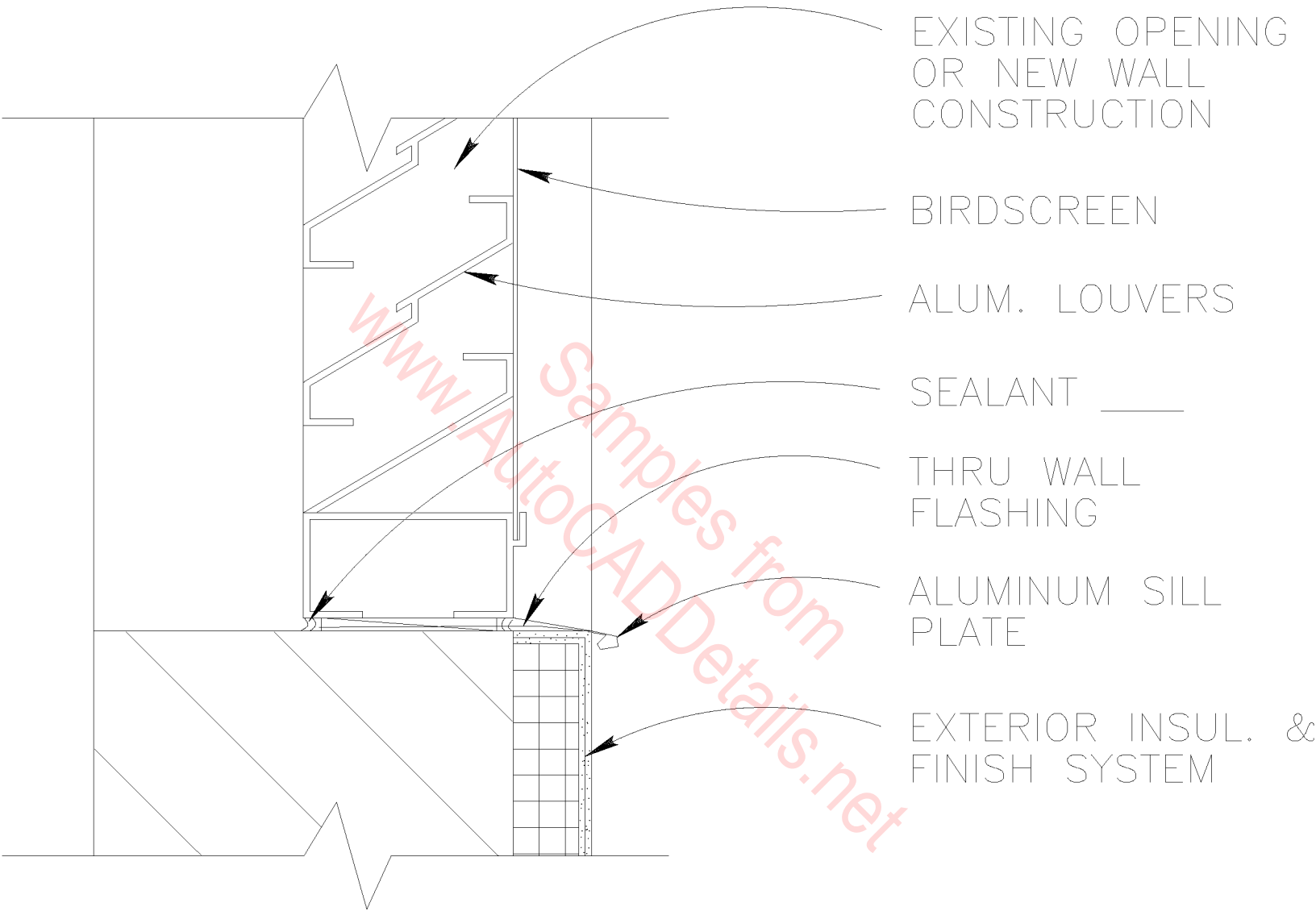
2"

www.AutoCADDetails.net

# HEAD DETAIL

SCALE : 3" = 1'-0"





EXISTING OPENING  
OR NEW WALL  
CONSTRUCTION

BIRDSCREEN

ALUM. LOUVERS

SEALANT

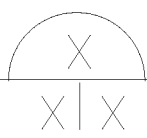
THRU WALL  
FLASHING

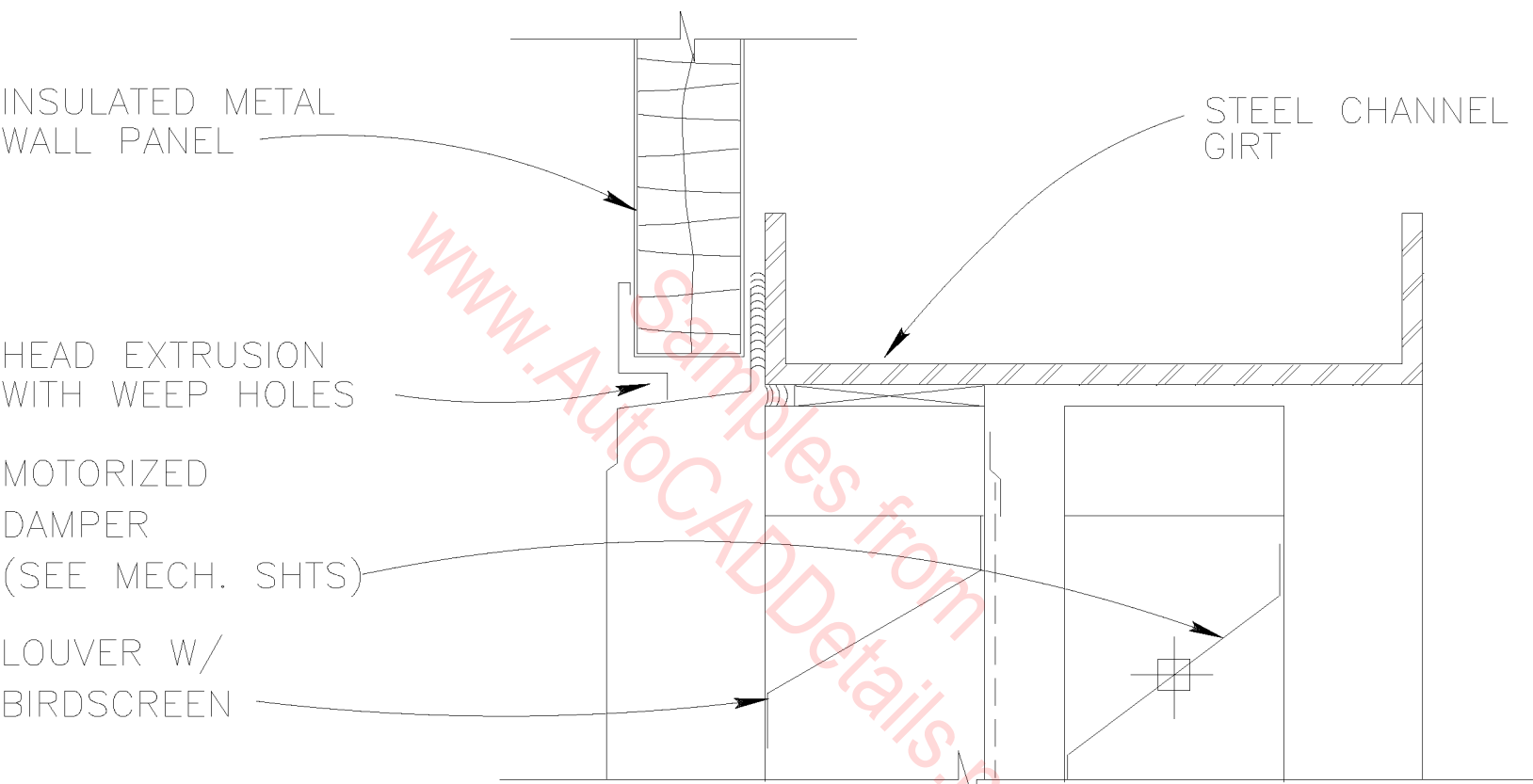
ALUMINUM SILL  
PLATE

EXTERIOR INSUL. &  
FINISH SYSTEM

SILL (LOUVER)

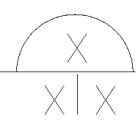
SCALE : 3" = 1'-0"





LOUVER HEAD

SCALE : 3" = 1'-0"



4" ARCH. CMU

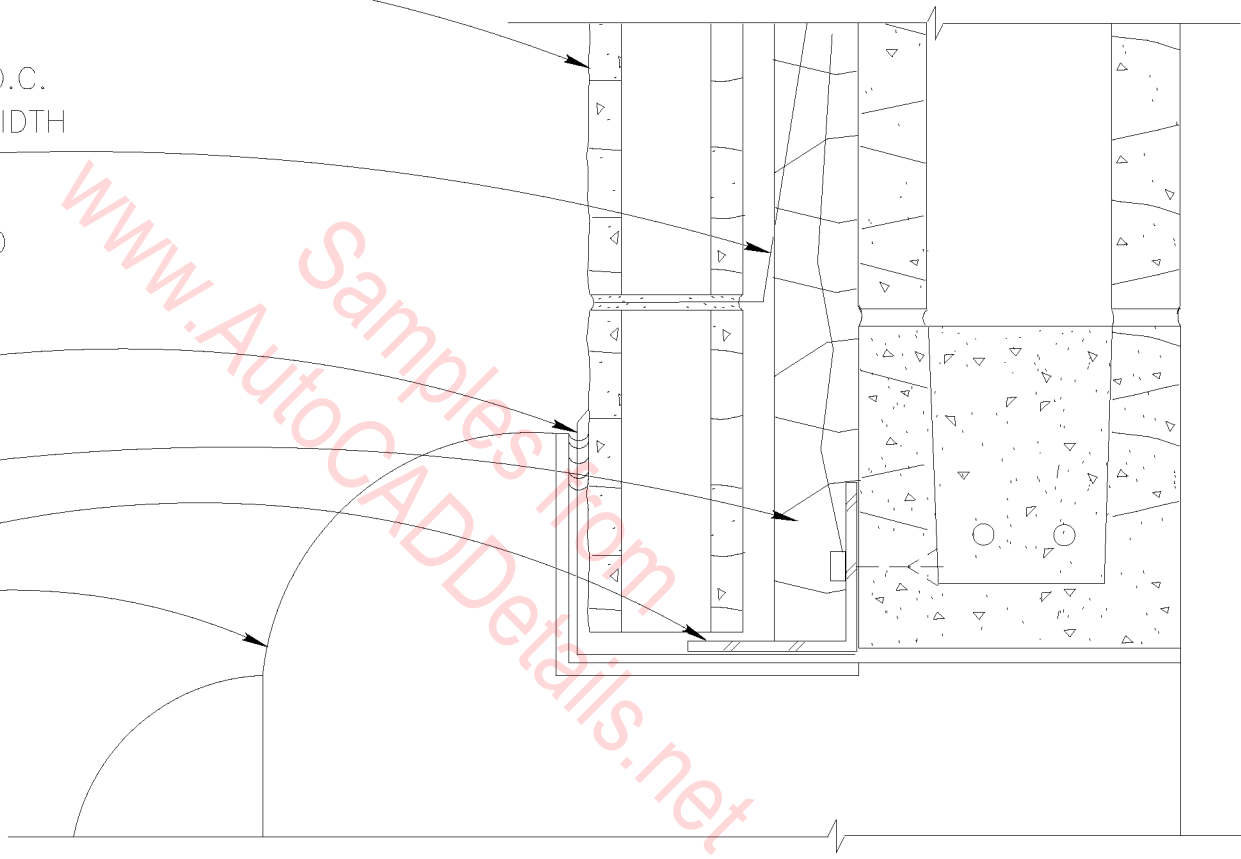
THRU-WALL FLASHING  
W/WEEP HOLES 32" O.C.  
EXTEND 8" BEYOND WIDTH  
OF OPENING

SET FLASHING AROUND  
EXHAUST FAN IN A  
CONT. BED OF  
SEALANT

RIGID INSULATION

STL. SHELF ANGLE

EXHAUST FAN  
(SEE MECH.)



HEAD DETAIL/JAMB/SILL SIM.  $\frac{X}{XIX}$   
SCALE : 3"=1'-0"

8" CMU BOND BEAM—  
SEE STRUCT. FOR  
DEPTH AND REINF.

4" ARCH. CMU

RIGID INSULATION

THRU-WALL FLASHING  
W/WEEP HOLES 32" O.C.

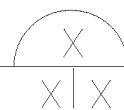
STL. SHELF ANGLE

LOUVER

BIRD/INSECT SCREEN



HEAD DETAIL  
SCALE : 3"=1'-0"



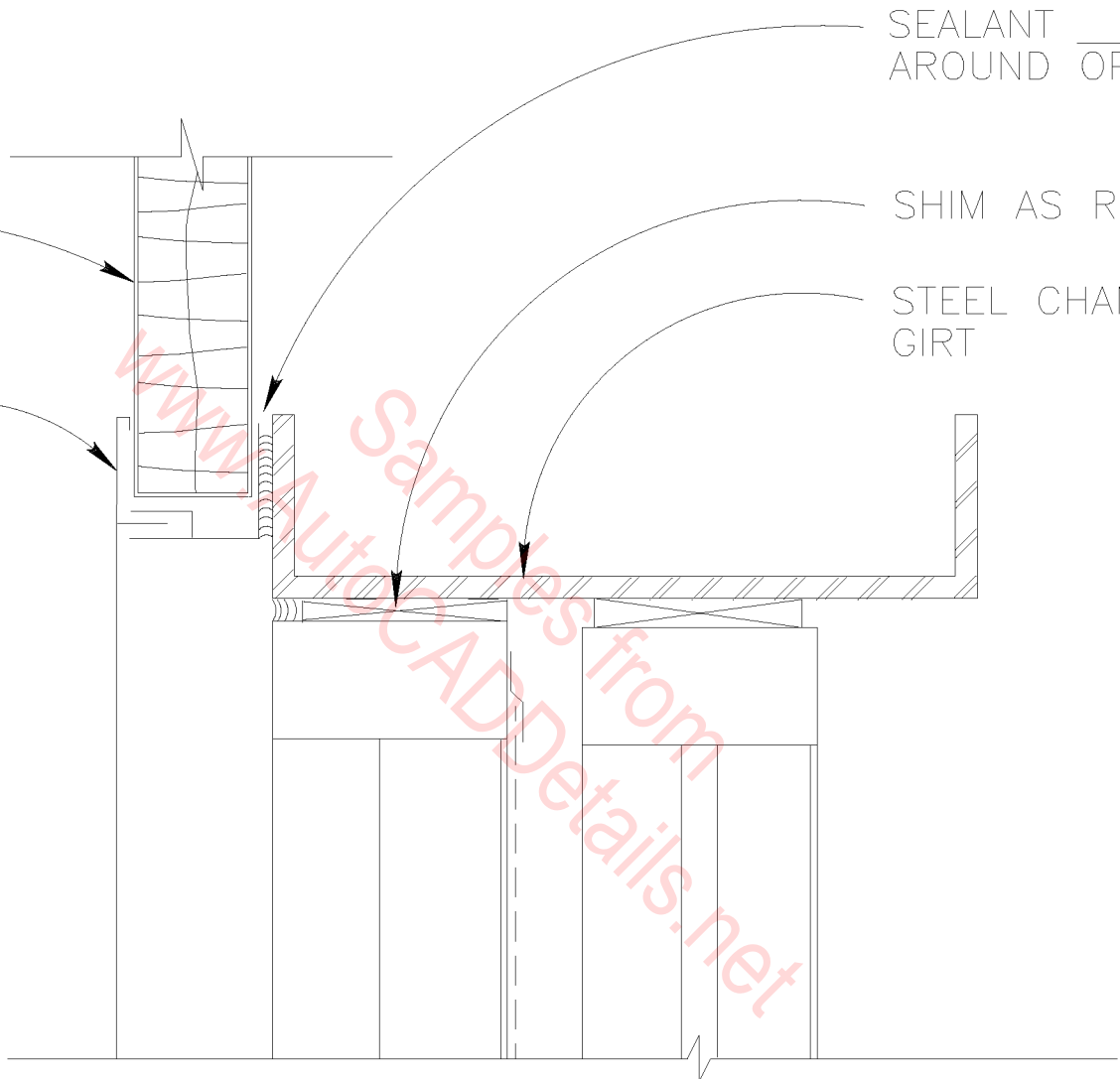
INSULATED  
METAL WALL  
PANEL

JAMB  
EXTRUSION

SEALANT \_\_\_\_\_ CONT.  
AROUND OPENING

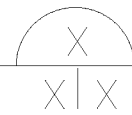
SHIM AS REQ'D

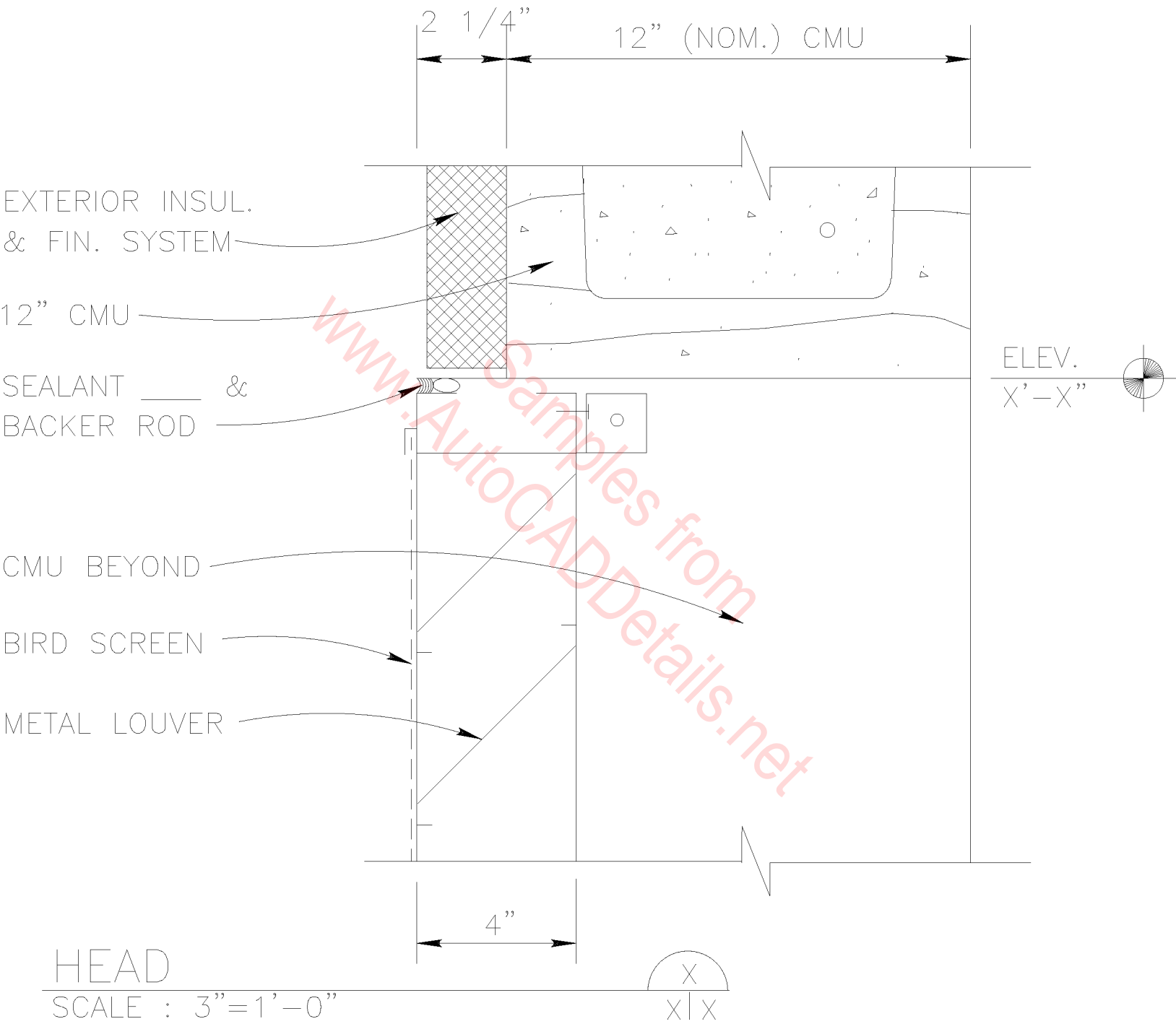
STEEL CHANNEL  
GIRT



LOUVER JAMB

SCALE : 3" = 1'-0"





MOTORIZED DAMPER  
(SEE MECH. SHTS)

LOUVER W/  
BIRDSCREEN

SILL FLASHING W/  
CONT. CLEAT SET IN  
SEALANT

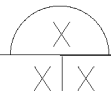
1 1/2" 1"

SHIM AS REQ'D

INSULATED METAL  
WALL PANEL

STL GIRT W/ STL  
PLATE WELDED ON  
TOP (SEE STRUCT.)

LOUVER SILL  
SCALE : 3" = 1'-0"



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AutocADDetails.net



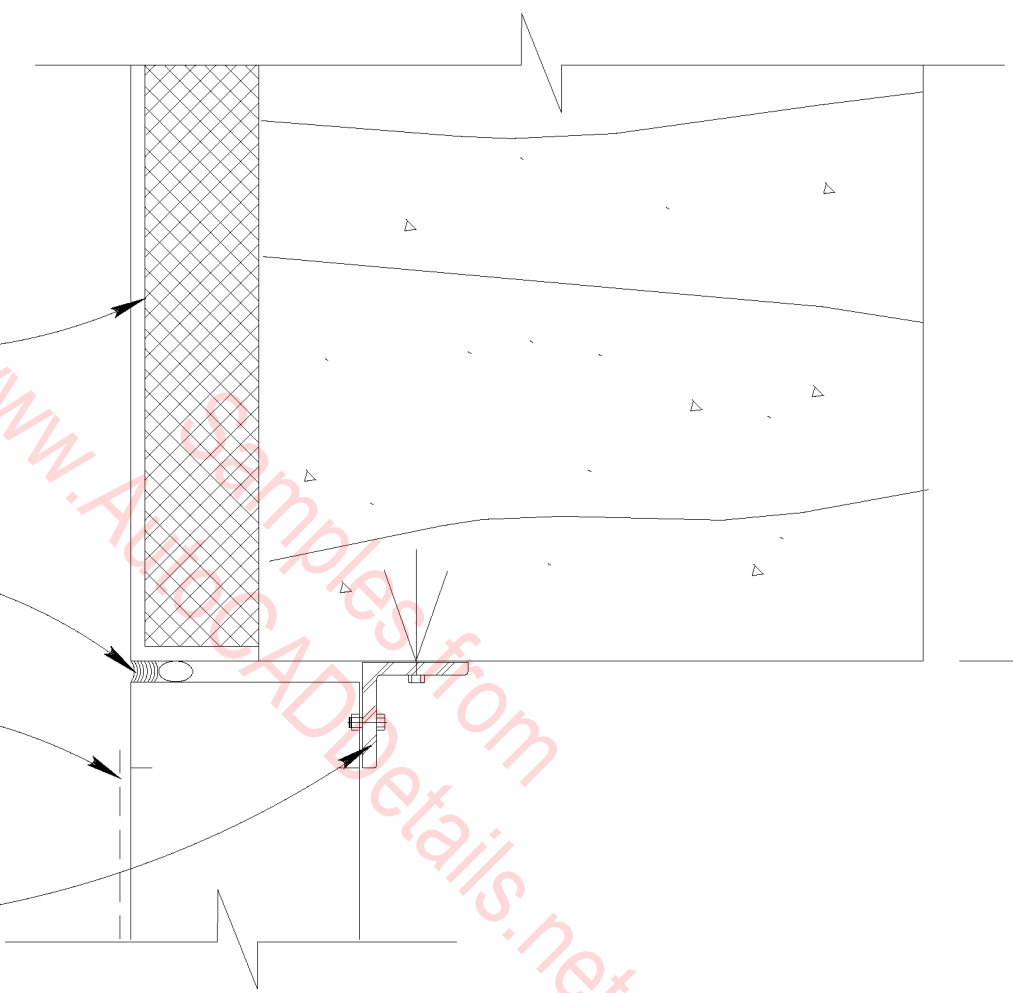
EXTERIOR INSUL.  
& FIN. SYSTEM

SEALANT &  
BACKER ROD

BIRD SCREEN

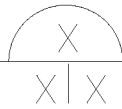
CLIP ANGLE  
ANCHORS AS  
REQUIRED

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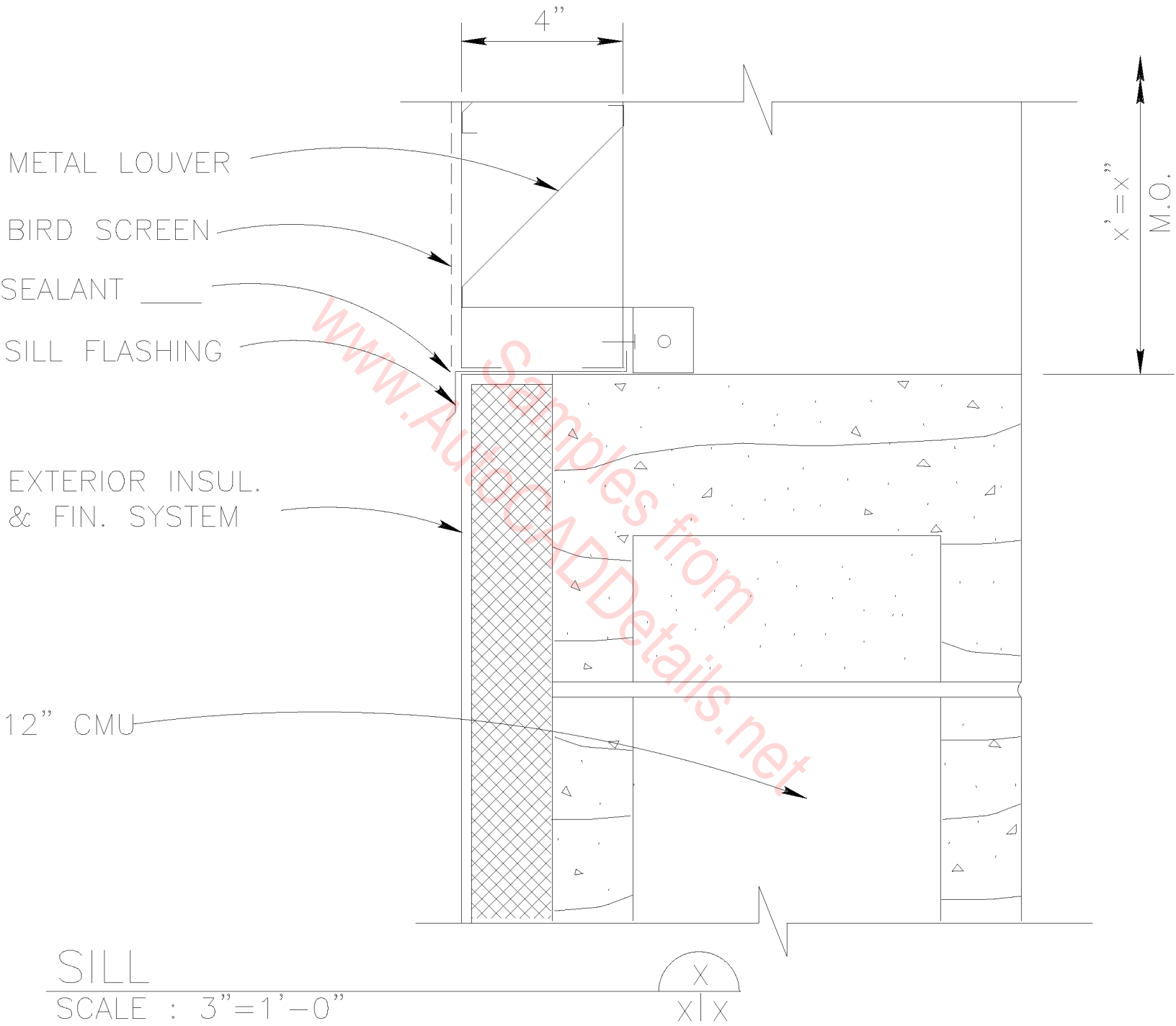


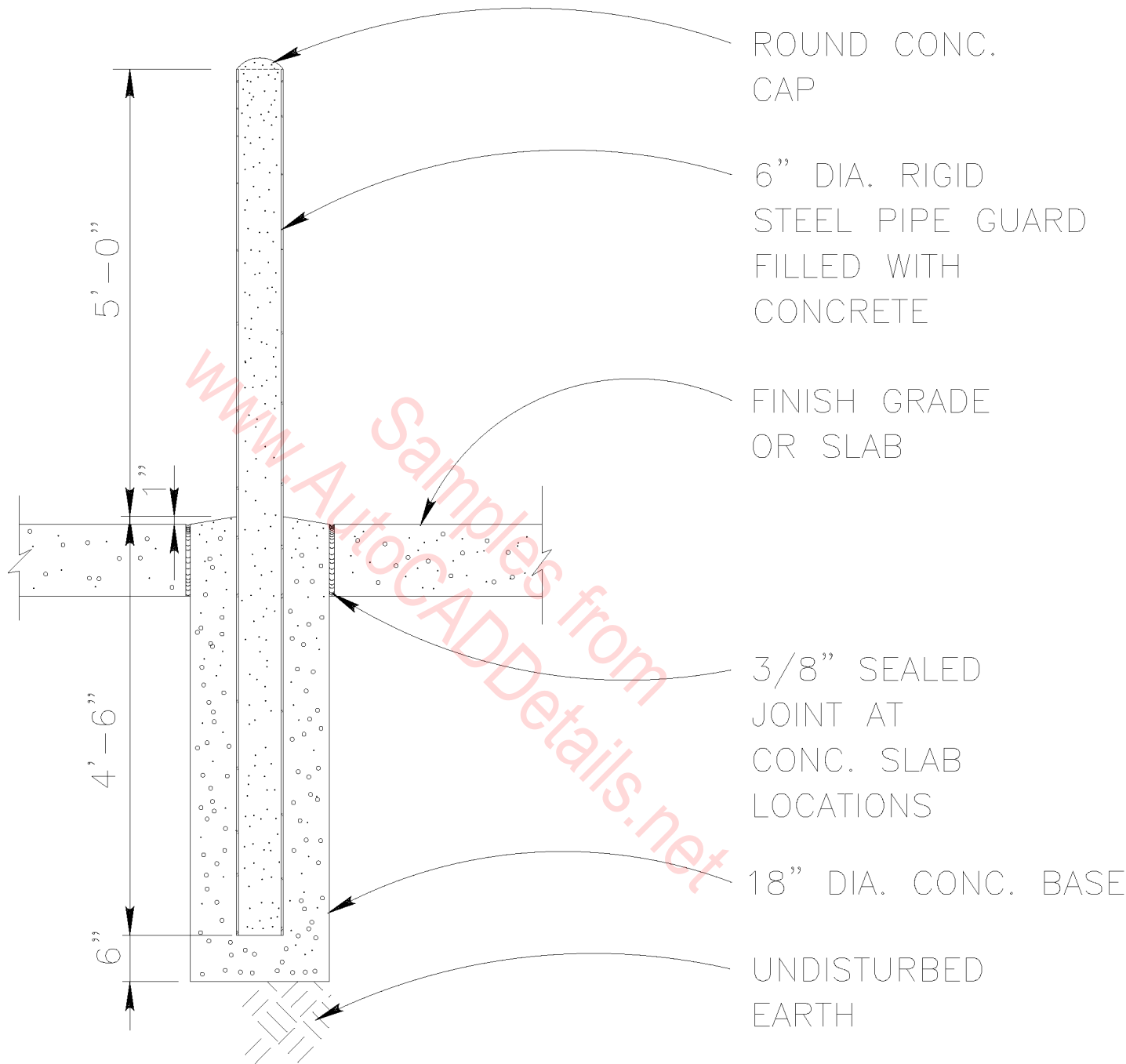
JAMB

SCALE : 3"=1'-0"



x'-x"  
M.O.





PIPE GUARD DETAIL (TYP.)  $\frac{X}{X|X}$   
 SCALE :  $\frac{1}{2}$ " = 1'-0"

# GENERAL BUILDING NOTES

- A. DO NOT SCALE DRAWINGS.
- B. IF THE CONTRACTOR OR SUBCONTRACTOR SHOULD FIND ANY DISCREPANCY IN AND/OR OMISSIONS FROM THESE DRAWINGS OR IF THE CONTRACTOR SHOULD BE IN QUESTION AS TO THEIR MEANING OR INTENT, THE CONTRACTOR SHOULD CONTACT THE ARCHITECT AT ONCE FOR INTERPRETATION OR CLARIFICATION.
- C. ALL MATERIALS USED SHALL BE EQUAL TO OR EXCEED ALL APPLICABLE STATE OR LOCAL CODES AND REQUIREMENTS.
- D. CONTRACTOR SHALL REMOVE PROMPTLY AND LEGALLY ALL ACCUMULATED DEBRIS, PROTECT ALL EXPOSED PORTIONS OF WORK FROM ELEMENTS, AVOID OVERLOADING STRUCTURE, AND SECURELY STORE ALL ITEMS TO BE USED FOR CONSTRUCTION.
- E. BOTTOM PLATE ANCHOR BOLTS SHALL BE 1/2" DIAMETER AT 4'-0" O.C. AND 1'-0" MAXIMUM FROM PLATE ENDS WITH 7" MINIMUM EMBEDMENT.
- F. STUCCO SYSTEM SHALL BE TWO COAT STUCCO ON METAL LATH (ICBO #3878) OVER 1" STYROFOAM BRAND INSULATION BY DOW (ICBO #2257) OVER 15 LB. FELT VAPOR BARRIER ON 6" WOOD STUDS.
- G. ALL GLASS IN HAZARDOUS AREAS AND ALL GLASS WITHIN 18" OF FLOOR SHALL BE SAFETY GLASS PER 1991 UBC SEC. 2406.
- H. ALL EXISTING UTILITIES AND CITY SERVICES ARE TO BE MAINTAINED, KEPT IN SERVICE, AND PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
- I. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- J. ALL ELECTRICAL CALCULATIONS AND WIRE SIZE TO BE PROVIDED BY A LICENSED ELECTRICAL CONTRACTOR. RECEPTACLE, FIXTURE, AND EQUIPMENT LOCATIONS TO BE FOUND ON FLOOR PLANS AND SITE PLAN. CONTRACTOR TO VERIFY LOCATION, FIXTURE TYPES AND EQUIPMENT WITH OWNER PRIOR TO PURCHASE AND INSTALLATION.
- U. MATERIAL SPECIFICATIONS:
  - 1. CONCRETE  $f'_c = 2,000$  P.S.I.
  - 2. MASONRY GRADE "N",  $f'_m = 1,350$  P.S.I.
  - 3. MORTAR TYPE "S", 1,800 P.S.I.
  - 4. GROUT  $f'_c = 2,000$  P.S.I.
  - 5. REINFORCING STEEL ASTM, A-615,  $F_y = 36$  K.S.I.
  - 6. STRUCTURAL STEEL ASTM, A-36,  $F_y = 36$  K.S.I.
  - 7. GLUE-LAM BEAMS  $F_b = 2,400$  P.S.I.;  $E = 1.8 \times 10^6$  P.S.I.
  - 8. PLYWOOD ROOF 1/2" STANDARD SHEETING WITH EXT. GLUE PANEL INDEX 32/16
  - 9. PLYWOOD FLOOR 3/4" T&G STANDARD SHEETING, PANEL INDEX 48/24 (MAY USE BLOCKING, OR 1/4" UNDERLAYMENT, OR 25/32 WOOD STRIP FINISH FLOOR IN LIEU OF T&G)
  - 10. BOLTS A-307,  $F_y = 33$  K.S.I.
  - 11. LUMBER:
- K. MECHANICAL SYSTEM TO BE INSTALLED BY A LICENSED MECHANICAL CONTRACTOR. VERIFY EQUIPMENT TYPE WITH OWNER PRIOR TO PURCHASE AND INSTALLATION.
- L. PLUMBING PIPING SHALL BE:
  - WATER LINES - COPPER TYPE "L" UNDER FLOOR AND TYPE "M" ABOVE FLOOR.
  - OUTSIDE PIPING - SCHEDULE 40 PVC (NO PVC UNDER SLABS OR DRIVEWAYS).
  - WASTE LINES - ALL BENDS TO BE ABS PLASTIC, LINES SHALL BE ABS PLASTIC OR CAST IRON.
- M. ALL EXTERIOR DOORS SHALL BE 1-3/4" SOLID CORE WOOD, DOORS SHALL BE SELF CLOSING WHERE INDICATED ON PLAN.
- N. SHOWER WALLS TO BE FINISHED WITH MOISTURE RESISTANT GYPSUM BOARD AND CERAMIC TILE (OR EQUAL) TO A HEIGHT OF 70" ABOVE DRAIN PER 1994 UBC SEC. 807.1.3.
- O. SHOWER ENCLOSURES SHALL BE SHOWER RODS, TEMPERED GLASS, OR APPROVED EQUAL.
- P. CENTER OF WATER CLOSET SHALL BE A MINIMUM OF 15" TO VERTICAL SURFACE OF SIDES PER 1994 UPC SEC. 907E.
- Q. EACH BEDROOM SHALL HAVE ONE EXTERIOR WINDOW OR DOOR THAT IS OPENABLE FROM INTERIOR WITHOUT THE USE OF A KEY OR SPECIAL TOOLS, KNOWLEDGE, OR EFFORT.
- R. ALL PRODUCTS LISTED BY ICBO/NER NUMBER SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PRODUCT SUBSTITUTION FOR PRODUCTS LISTED SHALL ALSO HAVE ICBO APPROVED EVALUATION REPORT AND BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCIES.
- S. ALL EXITS TO BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE.
- T. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED AT A DOOR OR THE ACTIVE LEAF OF A PAIR OF DOORS.

3. MORTAR	TYPE "S", 1,800 P.S.I.
4. GROUT	$f'_c = 2,000$ P.S.I.
5. REINFORCING STEEL	ASTM, A-615, $F_y = 36$ K.S.I.
6. STRUCTURAL STEEL	ASTM, A-36, $F_y = 36$ K.S.I.
7. GLUE-LAM BEAMS	$F_b = 2,400$ P.S.I.; $E = 1.8 \times 10^6$ P.S.I.
8. PLYWOOD ROOF	1/2" STANDARD SHEETING WITH EXT. GLUE PANEL INDEX 32/16
9. PLYWOOD FLOOR	3/4" T&G STANDARD SHEETING, PANEL INDEX 48/24 (MAY USE BLOCKING, OR 1/4" UNDERLAYMENT, OR 25/32 WOOD STRIP FINISH FLOOR IN LIEU OF T&G)
10. BOLTS	A-307, $F_y = 33$ K.S.I.
11. LUMBER:	

LUMBER USAGE	ALLOWABLE UNIT STRESS (POUNDS PER SQUARE INCH)	MODULUS OF ELASTICITY (POUNDS PER SQUARE INCH)	SPECIES & GRADE OR COMBINATION SYMBOL
2X4 STUDS	$F_c$ (PARALLEL) = 600 P.S.I.	$1.5 \times 10^6$ P.S.I.	D.F.L. #3
2X6 STUDS	$F_c$ (PARALLEL) = 675 P.S.I.	$1.5 \times 10^6$ P.S.I.	D.F.L. #3
2X6 THRU 2X14 JOISTS	$F_b$ (REPETITIVE) = 1450 P.S.I.	$1.7 \times 10^6$ P.S.I.	D.F.L. #2
4X BEAMS	$F_b$ (SINGLE) = 1250 P.S.I.	$1.7 \times 10^6$ P.S.I.	D.F.L. #2
6X BEAMS	$F_b$ (SINGLE) = 1350 P.S.I.	$1.6 \times 10^6$ P.S.I.	D.F.L. #1
4X4 POSTS	$F_c$ (PARALLEL) = 1000 P.S.I.	$1.7 \times 10^6$ P.S.I.	D.F.L. #2
6X6 POSTS	$F_c$ (PARALLEL) = 1000 P.S.I.	$1.6 \times 10^6$ P.S.I.	D.F.L. #1
TIMBERS (VEGAS)	$F_b$ (SINGLE) = 1200 P.S.I.	$1.6 \times 10^6$ P.S.I.	D.F.L. #1
DECKING	$F_b$ (REPETITIVE) = 1650 P.S.I.	$1.7 \times 10^6$ P.S.I.	COMMERCIAL D.F.L.
GLUE-LAM BEAMS	$F_b$ (SIMPLE) = 2400 P.S.I.	$1.8 \times 10^6$ P.S.I.	DF/DF 24F-V4
GLUE-LAM BEAMS	$F_b$ (CANTILEVER) = 2400 P.S.I. or (CONTINUOUS)	$1.8 \times 10^6$ P.S.I.	DF/DF 24F-V8

\* ALL LUMBER TO BEAR APPROVED GRADING STAMP

## GENERAL NOTES

- A. WE CERTIFY, TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THAT THE DESIGN OF THE PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS OF THE REQUIREMENTS OF ARTICLE [NO.] OF THE REVISED STATUTES OF THE STATE OF [STATE] AND THE FEDERAL ACCESSIBILITY STANDARDS.
- B. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
- C. ANY EXISTING UTILITIES TO BE ABANDONED SHALL BE PROPERLY DISCONNECTED, PLUGGED OR CAPPED, AS REQUIRED BY CODE OR SOUND CONSTRUCTION PRACTICE.
- D. THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. ADDITIONAL DATA SHALL BE FROM THE ARCHITECT THROUGH WRITTEN CLARIFICATION ONLY. VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK.
- E. NO CHANGES, MODIFICATIONS OR DEVIATIONS SHALL BE MADE FROM THE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ARCHITECT.
- F. WHERE LACK OF INFORMATION, OR ANY DISCREPANCY SHOULD APPEAR IN THE DRAWINGS OR SPECIFICATIONS, REQUEST WRITTEN INTERPRETATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- G. ALL WORK AS OUTLINED IN THESE DOCUMENTS, SHALL STRICTLY CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN AND BE MET.
- H. THE CONTRACTOR SHALL PAY FOR ALL FEES, PERMITS, LICENCES, ETC., NECESSARY FOR PROPER COMPLETION OF THE WORK.
- I. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OR AS OTHERWISE REQUIRED IN THE SPECIFICATIONS.
- J. PROVIDE ADEQUATE CONCEALED BLOCKING AND ANCHORING FOR ALL CEILING AND WALL MOUNTED EQUIPMENT, HARDWARE AND ACCESSORIES.
- K. WHEN A SYSTEM OR ASSEMBLY IS CALLED OUT FOR, ALL NECESSARY PARTS AND MATERIALS REQUIRED FOR A COMPLETE INSTALLATION/SYSTEM SHALL BE AND INSTALLED ACCORDING TO THE MANUFACTURERS INSTRUCTIONS.
- L. UNLESS OTHERWISE NOTED, ELECTRICAL CONDUITS, PLUMBING LINES, ETC., SHALL BE RUN CONCEALED AND FRAMING SHALL BE ADEQUATE SIZE TO ACCOMPLISH RESULT WITHOUT CAUSING ANY CHANGES IN THE WALL PLANE.
- M. COORDINATE WITH ALL TRADES THE LOCATIONS OF SLEEVES OR OTHER PRESET ACCESSORIES INVOLVING OTHER TRADES.
- N. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO DEFINE A COMPLETE FINISHED FACILITY. ANY MATERIAL, SYSTEM, EQUIPMENTS OR ASSEMBLY WHICH NORMALLY WOULD BE REQUIRED SHALL BE PROVIDED AS IF SPECIFICALLY NOTED.
- O. DISRUPTED EXISTING CONDITIONS i.e. LANDSCAPING, LIGHTING, IRRIGATION, PEDESTRIAN AND VEHICLE ACCESS SHOULD BE MINIMALLY REPLACED AT THE END OF CONSTRUCTION TO THE SAME CONDITIONS PRIOR TO CONSTRUCTION DISRUPTION.
- P. DISRUPTED ELECTRICAL AND WATER LINES RE-ROUTED DURING PROJECT CONSTRUCTION ARE TO REMAIN IN CONTINUOUS SERVICE.
- Q. WHEN WORK IS NOT CALLED OUT AS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER AND BE OF THE BEST MATERIALS AND WORKMANSHIP.
- R. DIMENSIONS ARE SHOWN FROM FACE STUD TO FACE OF STUD AND EDGE OF ROUGH OPENING UNLESS NOTED OTHERWISE.
- S. ANY EXTERIOR SIGNS REQUIRED SHALL BE SUBMITTED BY THE CONTRACTOR TO THE CITY OF MESA FOR REVIEW AND PERMIT.
- T. FIRE SPRINKLER SYSTEM SHALL BE INSTALLED AS REQUIRED, PER N.F.P.A., AND LOCAL REGULATIONS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE CITY OF MESA FOR PERMIT.
- U. FIRE LANE CONSTRUCTION SHALL BE 2" ASPHALT OVER 6" ABC - SEE CIVIL SHEETS.

GENERAL  
NOTES - ARCHITECTURAL

NOT TO SCALE

01A-4002

## GENERAL NOTES

- A. INSULATE DRAIN PIPE AND HOT WATER PIPE UNDER LAVS AND SINKS.
- B. 5/8" MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL WET AREAS PER UBC 4712.
- C. ALL GLAZING SUBJECT TO HUMAN IMPACT SHALL CONFORM TO "SAFETY GLAZING" PER UBC SECTION 5406.
- D. ALL FAUCETS SHALL BE LEVER ACTION AND CONFORM TO UBC STANDARD 31-1 SECTION 31.128.
- E. TOILET ROOM FLOORS SHALL HAVE SHEET VINYL FLOORING. VINYL SHALL BE EXTENDED UP WALLS 5" COMPLYING WITH U.B.C. SECT. 510(b).
- F. TOILET ROOM WALLS SHALL BE FINISHED WITH FIBERGLASS REINFORCED PANELS TO 4'-0" A.F. COMPLYING WITH U.B.C. SECT. 510(b).
- G. ALL IDENTIFICATION SIGNAGE SHALL BE RAISED SANS SERIF AND WILL BE ACCOMPANIED WITH GRADE 2 BRAILLE. PICTORIAL / INTERNATIONAL SIGNS SHALL BE 6" HIGH (MIN.) GRAPHIC I.D. PROPORTIONED PER 4.30, FIG. 43 OF THE FEDERAL REGISTER.
- H. IDENTIFICATION, DIRECTIONAL AND INFORMATION SIGNS SHALL HAVE A NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THE BACKGROUND.
- I. ALL CARPET, TILE AND SHEET VINYL SHALL BE SECURELY ATTACHED. CARPET SHALL HAVE NO PAD AND A LEVEL LOOP, TEXTURED LOOP OR LEVEL CUT PILE. THE MAXIMUM PILE THICKNESS SHALL BE 1/2". EXPOSED EDGES OF THE CARPET SHALL BE FASTENED TO THE FLOOR SURFACE AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- J. ALL COUNTERTOPS TO HAVE 2" RADIUS CORNERS.

GENERAL  
NOTES — ARCHITECTURAL

NOT TO SCALE

01A-4003

## GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIARIZED WITH ALL EXISTING CONDITIONS WHICH MAY AFFECT THE BID. NO ALLOWANCES WILL BE MADE AFTER THE BID FOR EXISTING CONDITIONS OR THE CONTRACTOR'S FAILURE TO VERIFY EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FURNISHED UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK OF THIS CONTRACT BY THE OWNER AND THE ARCHITECT. ANY DEFECTS DEVELOPING WITHIN THIS PERIOD, TRACEABLE TO MATERIALS OR WORKMANSHIP PERFORMED HEREUNDER, SHALL BE MADE GOOD AT THE EXPENSE OF THE CONTRACTOR, NOT THE OWNER. THE CONTRACTOR SHALL ACCEPT AND FULLY UNDERSTAND THIS PROVISION PRIOR TO CONTRACT BEING AWARDED, AS NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED FOR CORRECTION OF FAULTY WORK OR DEFECTIVE MATERIALS. ANY TIME DURING THE CONSTRUCTION PERIOD, OWNER'S REPRESENTATIVES AND THE ENGINEER RETAIN THE RIGHT TO REQUIRE THE CONTRACTOR TO REMOVE AND REINSTALL ANY EQUIPMENT OR MATERIALS NOT FOLLOWING THE STANDARDS AS PRESENTED HEREIN OR ON THE DRAWINGS WITHOUT COST TO THE OWNER OR ENGINEER.
3. PROVIDE 6 SETS OF SHOP DRAWINGS FOR ALL EQUIPMENT TO THE ENGINEER FOR APPROVAL, PRIOR TO ORDERING. EQUIPMENT INSTALLED WITHOUT APPROVAL SHALL BE SUBJECT TO REJECTION AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR MUST BE EXPERIENCED IN THIS TYPE OF INSTALLATION. NO ALLOWANCES WILL BE MADE AFTER THE BID FOR FAILURE TO PROVIDE INSTALLATION PER NATIONAL AND UNIFORM AND LOCAL CODES.

GENERAL  
NOTES — ARCHITECTURAL

NOT TO SCALE

01A-4004

# DESCRIPTION OF MATERIALS

1. Proposed Construction: Owner \_\_\_\_\_ Mode \_\_\_\_\_  
 Property Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
 Mortgage or Sponsor \_\_\_\_\_  
 Contractor or Builder \_\_\_\_\_

- INSTRUCTIONS:
1. THE USE OF PAINT CONTAINING MORE THAN THE PERCENTAGE OF LEAD BY WEIGHT PERMITTED BY LAW IS PROHIBITED.
  2. Work not specifically described or shown will not be considered unless required, then the minimum completed will be assumed. Most necessary minimum requirements cannot be considered unless specifically directed.
  3. Quantities are required at the end of this form and each page must be verified by Director.
  4. The construction shall be completed in compliance with the related drawings and specifications as amended during processing. The quantities provide the Director of Materials and the appropriate Minimum Property Standards. BUILDER MAY SUBSTITUTE EQUAL OR BETTER MATERIALS WITHOUT NOTICE.

1. EXTERIOR FINISH
- 1.1. BEARING WALL, TYPE SEE FOUNDATION PLAN
- 1.2. FOUNDATIONS
- Footings conform to SEE FOUNDATION PLAN strength and SEE FOUNDATION PLAN materials. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN. Foundation wall material SEE FOUNDATION PLAN.
- 1.3. CHIMNEYS: N/A
- 1.4. FIREPLACES: N/A
- 1.5. EXTERIOR WALLS
- Block masonry: 8" x 8" x 16" CMU, 10% minimum void content, 2000 PSI. Mortar: Type M. Finish: 1/2" stucco, 1/2" plaster. Prime coat: 1/2" of 50% gravel in mortar. Top coat: 1/2" of 50% gravel in mortar. All exterior walls shall be finished with 1/2" of stucco or 1/2" of plaster.
2. INTERIOR FINISH
- 2.1. WALLS AND PARTITIONS
- Walls: 5/8" thick gypsum board, 1/2" thick paper. Partitions: 5/8" thick gypsum board, 1/2" thick paper. Ceilings: 5/8" thick gypsum board. Floors: 1/2" thick particle board. Windows: 1/2" thick aluminum cladding. Doors: 1 3/4" thick solid core doors.
- 2.2. CEILING
- 100% acoustic suspended ceiling tiles, 15" x 15".
- 2.3. FLOORING
- Living areas: 3/4" thick solid hardwood flooring, 3/4" thick underlayment. Bedrooms: 3/4" thick solid hardwood flooring, 3/4" thick underlayment. Bathrooms: 1/2" thick solid ceramic tile, 1/4" thick underlayment. Kitchen: 1/2" thick solid ceramic tile, 1/4" thick underlayment.

13. CUTTERS AND DOWNSPOUTS
- Cutter material: GALVANNEED STEEL OR ALUMINUM, 30 mil x 24" x 36" sheet. Downspouts: GALVANNEED STEEL OR ALUMINUM, 30 mil x 24" x 36" sheet. Flashing: GALVANNEED STEEL OR ALUMINUM, 30 mil x 24" x 36" sheet.
14. LATH AND PLASTER
- Plaster: 1/2" thick gypsum board, 1/2" thick paper. Lath: 1/4" thick galvanized steel lath.
15. DECORATING
- Decorative materials: SEE DECORATING PLAN.

21. WINDOWS
- | TYPE        | WALL     | MATERIAL | GLASS GRADE | TRIM     | FINISH |
|-------------|----------|----------|-------------|----------|--------|
| Double Hung | Exterior | Aluminum | Low-E       | Aluminum | Paint  |
| Transoms    | Interior | Aluminum | None        | Aluminum | Paint  |
22. EXTERIOR DOORS
- | TYPE     | WALL     | MATERIAL | GLASS GRADE | TRIM     | FINISH |
|----------|----------|----------|-------------|----------|--------|
| Pre-hung | Exterior | Aluminum | Low-E       | Aluminum | Paint  |

30. PLUMBING
- | PLUMBING     | NUMBER | LOCATION   | MAKE  | MATERIAL  | TYPE  | COLOR |
|--------------|--------|------------|-------|-----------|-------|-------|
| Sink         | 1      | Kitchen    | White | Porcelain | White |       |
| Toilet       | 1      | Bathroom   | White | Porcelain | White |       |
| Water Closet | 1      | Bathroom   | White | Porcelain | White |       |
| Shower       | 1      | Bathroom   | White | Acrylic   | White |       |
| Shower       | 1      | Guest Bath | White | Acrylic   | White |       |
| Shower       | 1      | Guest Bath | White | Acrylic   | White |       |

23. INSULATION
- | LOCATION       | THICKNESS | MATERIAL   | VAPOR BARRIER |
|----------------|-----------|------------|---------------|
| Attic          | 6" R-19   | Fiberglass | None          |
| Exterior Walls | 1/2" R-5  | Fiberglass | None          |
| Floors         | 1/2" R-5  | Fiberglass | None          |
24. MILLWORK
- Interior doors: 1 3/4" thick solid core doors, 1 1/2" thick trim. Windows: 1/2" thick aluminum cladding, 1/2" thick trim.
25. CABINETRY
- Kitchen cabinets: 1 1/4" thick solid wood cabinets, 1/2" thick doors. Bathroom cabinets: 1 1/4" thick solid wood cabinets, 1/2" thick doors.
26. WALLS AND CEILING
- Walls: 5/8" thick gypsum board, 1/2" thick paper. Ceiling: 5/8" thick gypsum board.

31. APPLIANCES
- Range: 36" electric range. Dishwasher: 24" electric dishwasher. Refrigerator: 36" electric refrigerator. Microwave: 15" electric microwave.
32. HEATING
- Baseboard heaters: 1/2" thick aluminum baseboard heaters. Radiators: 1/2" thick aluminum radiators.



EXTEND GYPSUM BOARD  
TO UNDERSIDE OF METAL  
ROOF @ FIRE RATED  
PARTITIONS

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE

4" METAL STUDS

4" METAL STUDS  
@ 24" O.C. MAX.

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE

5/8" GYPSUM BOARD  
(TYPE X @ FIRE  
RATED PARTITIONS)

6" MIN.

6" MIN.

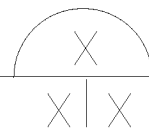
SEE RM.  
FIN. SCHED

SEE RM.  
FIN. SCHED

X'-X"  
A.F.F.

# LAY-IN CEILING DETAIL

SCALE : 1 1/2" = 1'-0"



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SUSPENDED ACOUSTICAL  
CEILING

4" METAL STUD  
BRACED TO  
STRUCT. ABOVE

WALL ANGLE

4" METAL STUDS

5/8" GYPSUM BOARD  
(TYPE X AT FIRE  
RATED PARTITIONS)

SUSPENDED 5/8" GYPSUM  
BOARD CEILING

www.AutoCADDetails.net  
Samples from

6" MIN.  
SEE RM.  
FIN. SCHED.

45°

LAY-IN CEILING DETAIL   
SCALE : 1 1/2" = 1'-0" 

EXTEND GYPSUM BOARD  
TO UNDERSIDE OF METAL  
ROOF @ FIRE RATED  
PARTITIONS

WIRE HANGER

1 1/2" FURRING CHANNELS  
@ 4'-0" O.C. MAX.

7/8" HATCHANNELS  
@ 24" O.C. MAX.

SUSPENDED 5/8" GYPSUM  
BOARD CEILING

CONTROL JOINT

5/8" GYPSUM BOARD  
(TYPE X @ FIRE  
RATED PARTITIONS)

WIRE HANGER

4" METAL STUDS  
@ 24" O.C. MAX.

1 1/2" FURRING CHANNELS  
@ 4'-0" O.C. MAX.

SUSPENDED 3/4" PLASTER  
CEILING

CASING BEAD

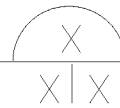
CERAMIC TILE WHERE  
APPLICABLE

DOUBLE STUDS @  
PASSAGEWAYS

6" MIN.  
SEE RM.  
FIN. SCHED.

# LAY-IN CEILING DETAIL

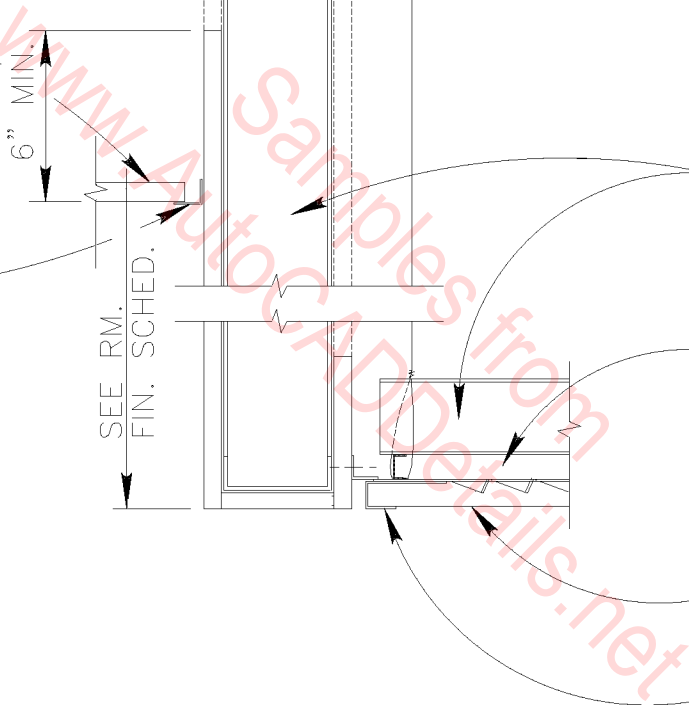
SCALE : 1 1/2" = 1'-0"



EXTEND GYPSUM BOARD  
TO UNDERSIDE OF METAL  
ROOF @ FIRE RATED  
PARTITIONS

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE



WIRE HANGER

4" METAL STUDS  
@ 24" O.C. MAX.

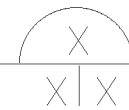
1 1/2" FURRING CHANNELS  
@ 4'-0" O.C. MAX.

SUSPENDED 3/4" PLASTER  
CEILING

CASING BEAD

# LAY-IN CEILING DETAIL

SCALE : 1 1/2" = 1'-0"



EXTEND GYPSUM BOARD  
TO UNDERSIDE OF METAL  
ROOF @ FIRE RATED  
PARTITIONS

WALL ANGLE

4" METAL STUDS

6" MIN.

5/8" GYPSUM BOARD  
(TYPE X @ FIRE  
RATED PARTITIONS)

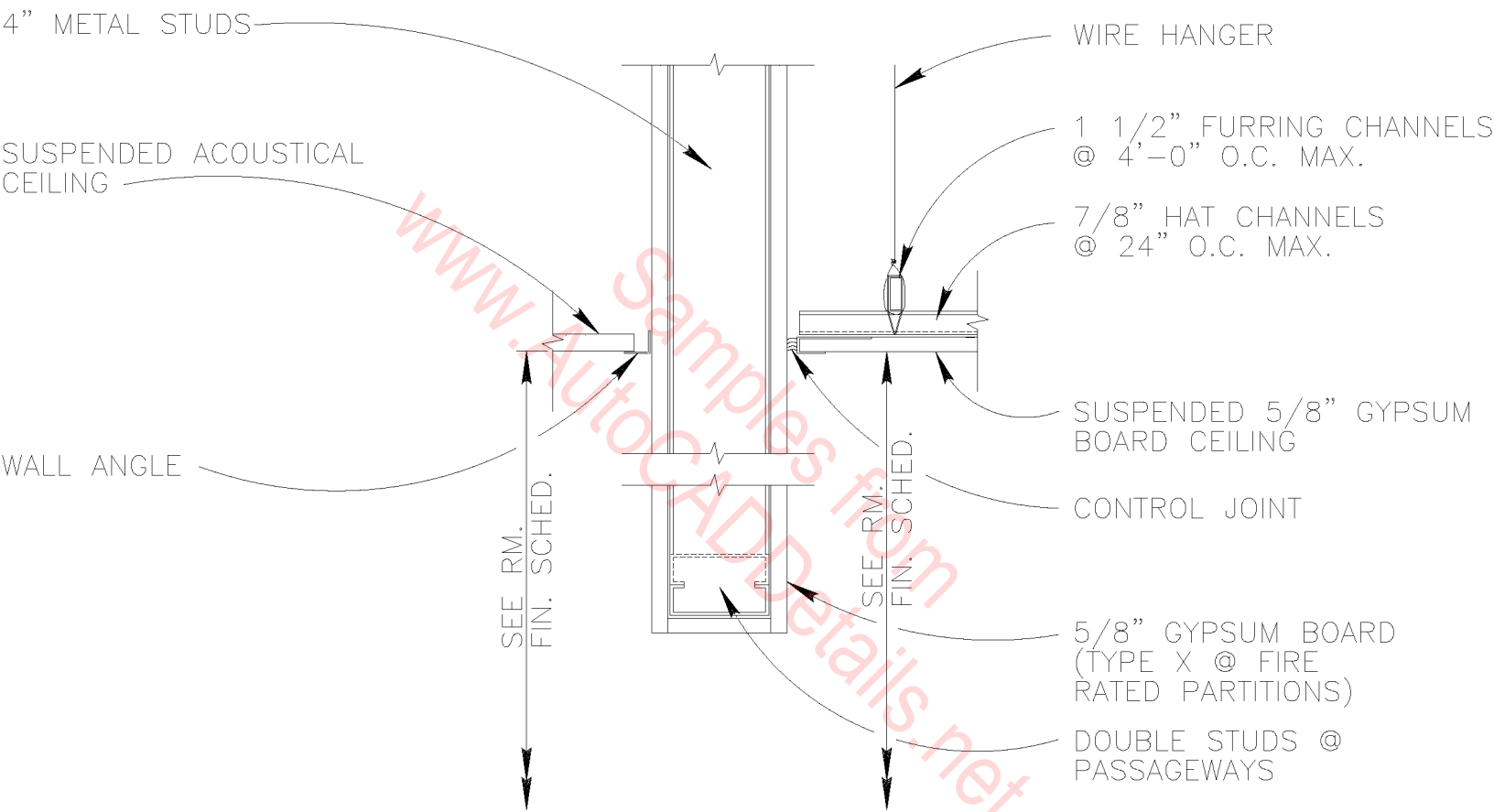
SUSPENDED ACOUSTICAL  
CEILING

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE

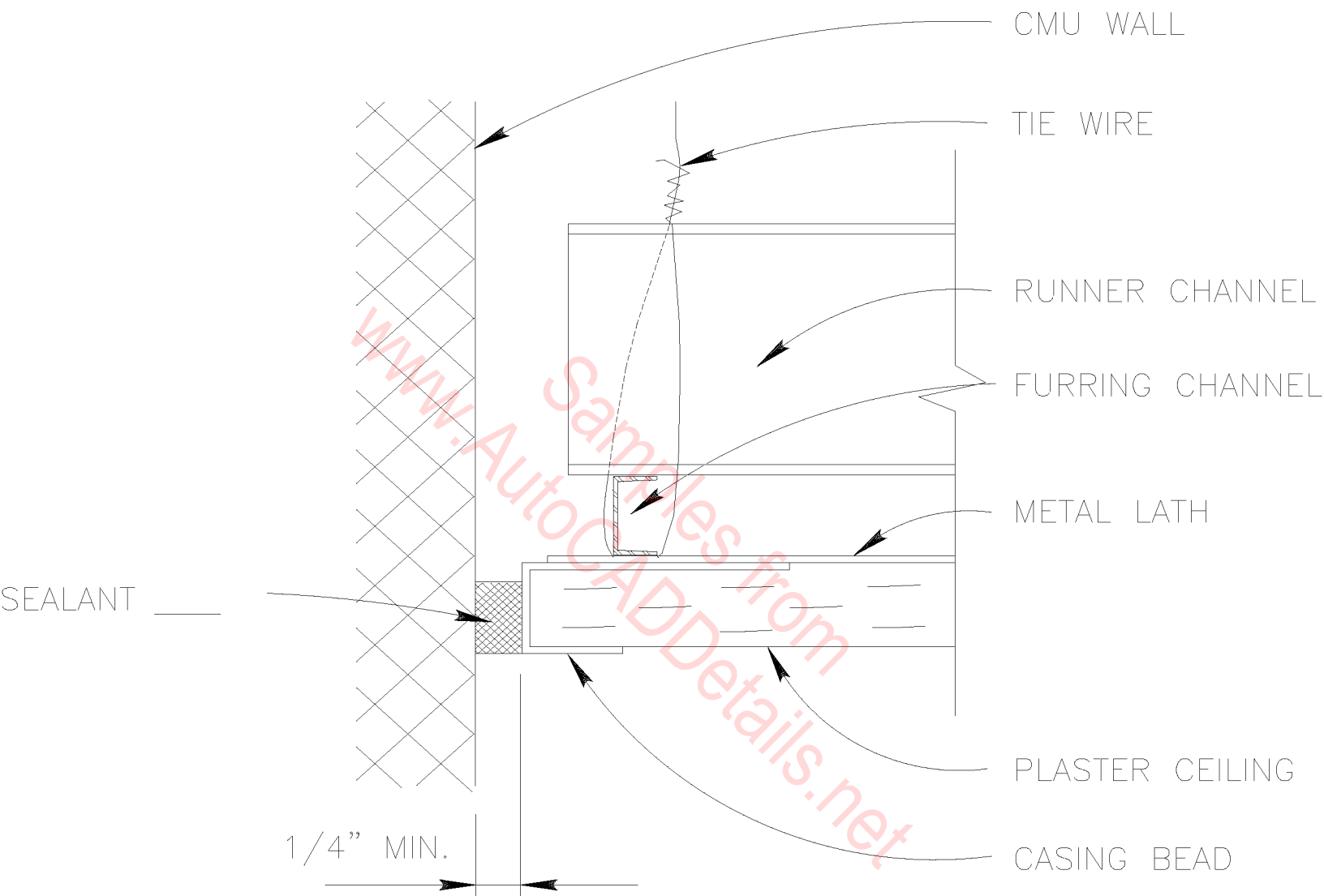
WALL ANGLE

LAY-IN CEILING DETAIL   
SCALE : 1 1/2" = 1'-0"



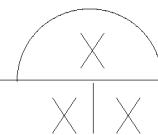
LAY-IN CEILING DETAIL X  
X|X

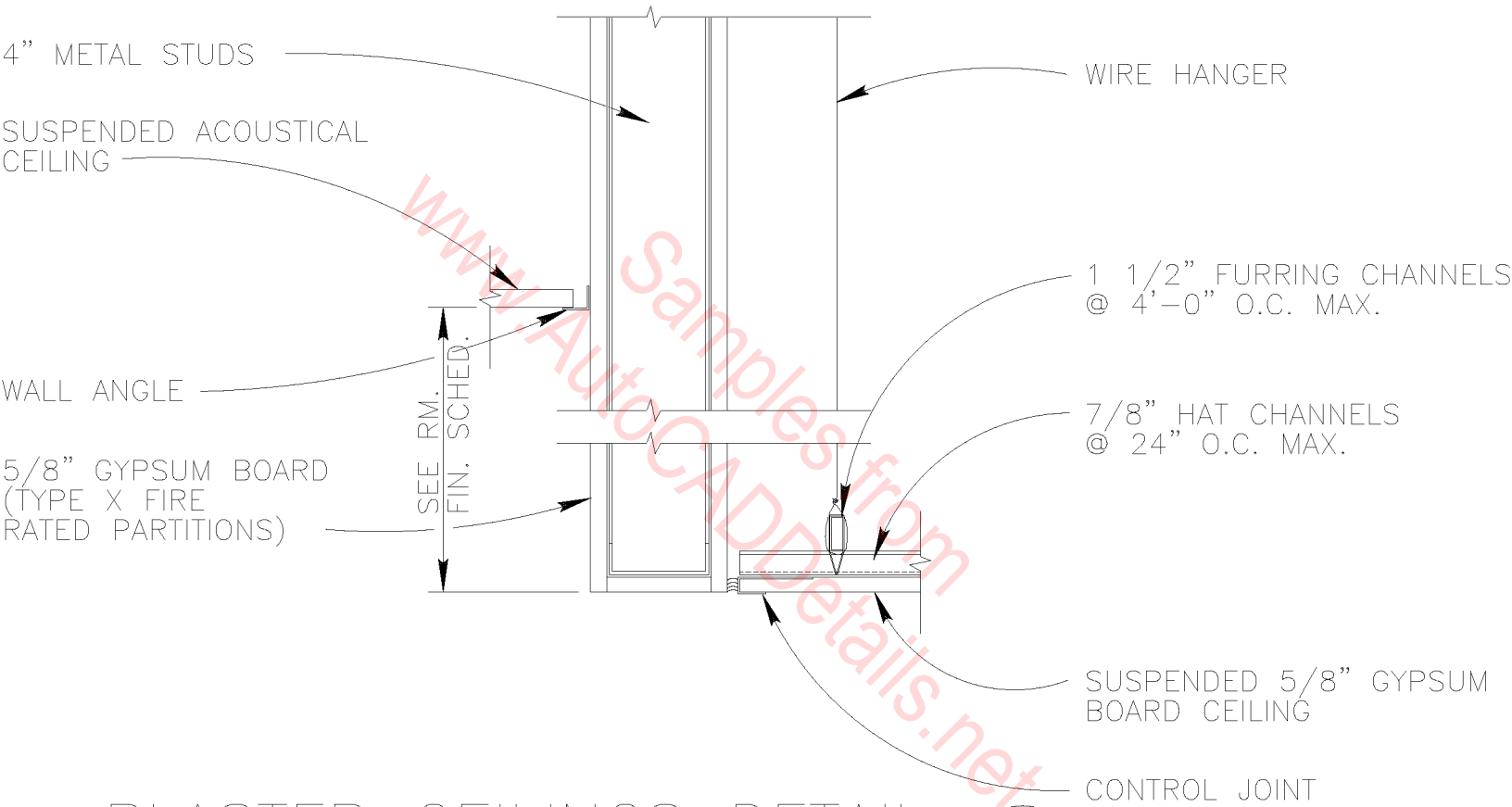
SCALE : 1 1/2" = 1'-0"



# PLASTER CEILINGS

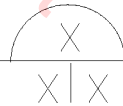
SCALE : 1 1/2" = 1' - 0"





PLASTER CEILINGS DETAIL

SCALE : 1 1/2" = 1'-0"





EXTEND GYPSUM BOARD  
TO UNDERSIDE OF METAL  
ROOF @ FIRE RATED  
PARTITIONS

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE

4" METAL STUDS

6" MIN.  
SEE RM.  
FIN. SCHED.

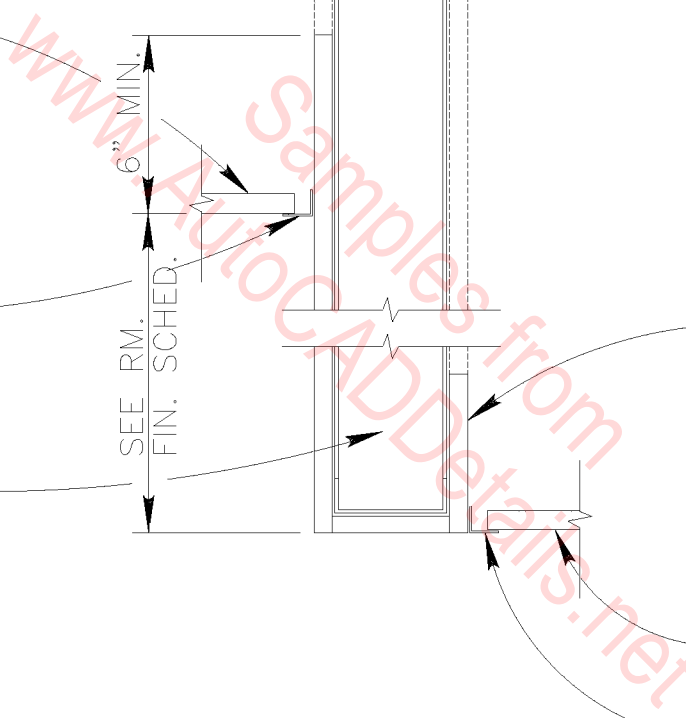
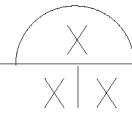
5/8" GYPSUM BOARD  
(TYPE X @ FIRE  
RATED PARTITIONS)

SUSPENDED ACOUSTICAL  
CEILING

WALL ANGLE

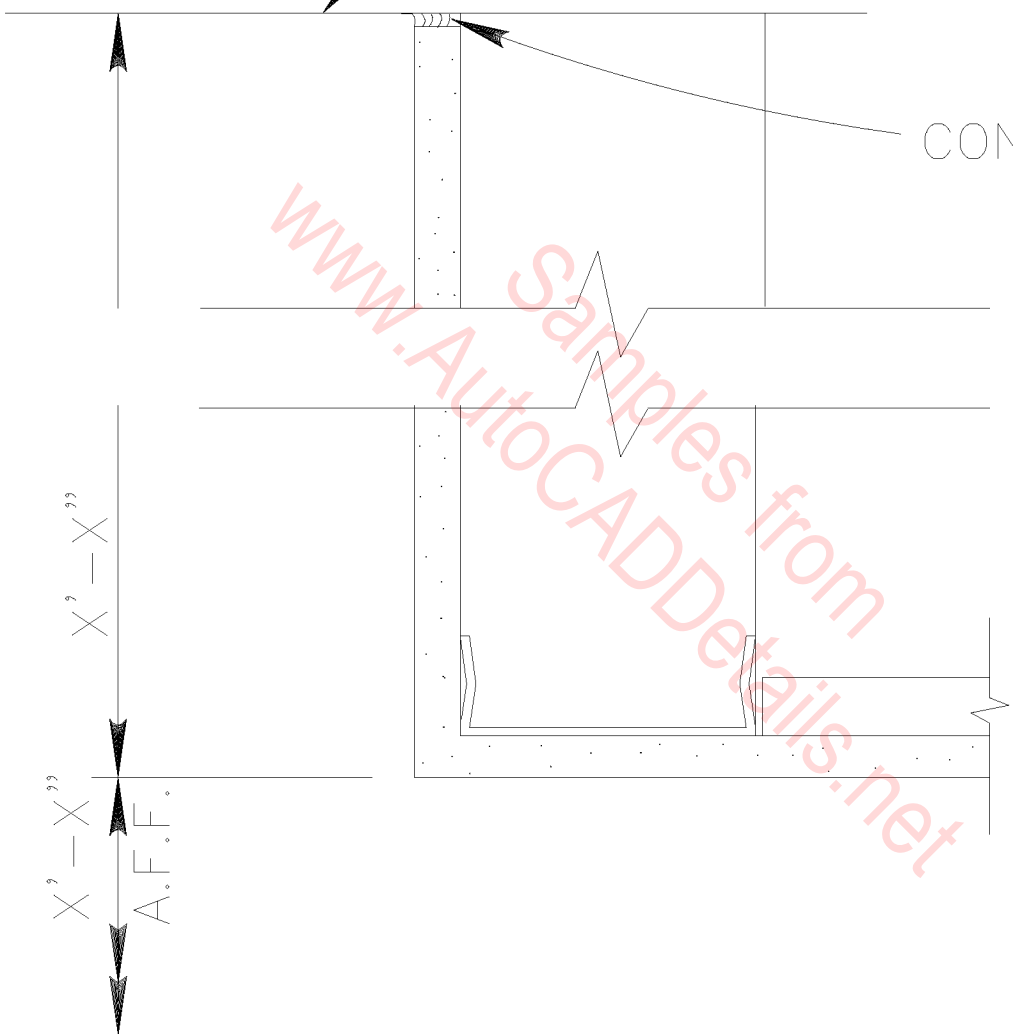
# LAY-IN CEILING DETAIL

SCALE : 1 1/2" = 1'-0"



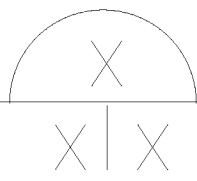
PAINT AND TEXTURE  
EXPOSED CEILING IN  
LIVING AREAS

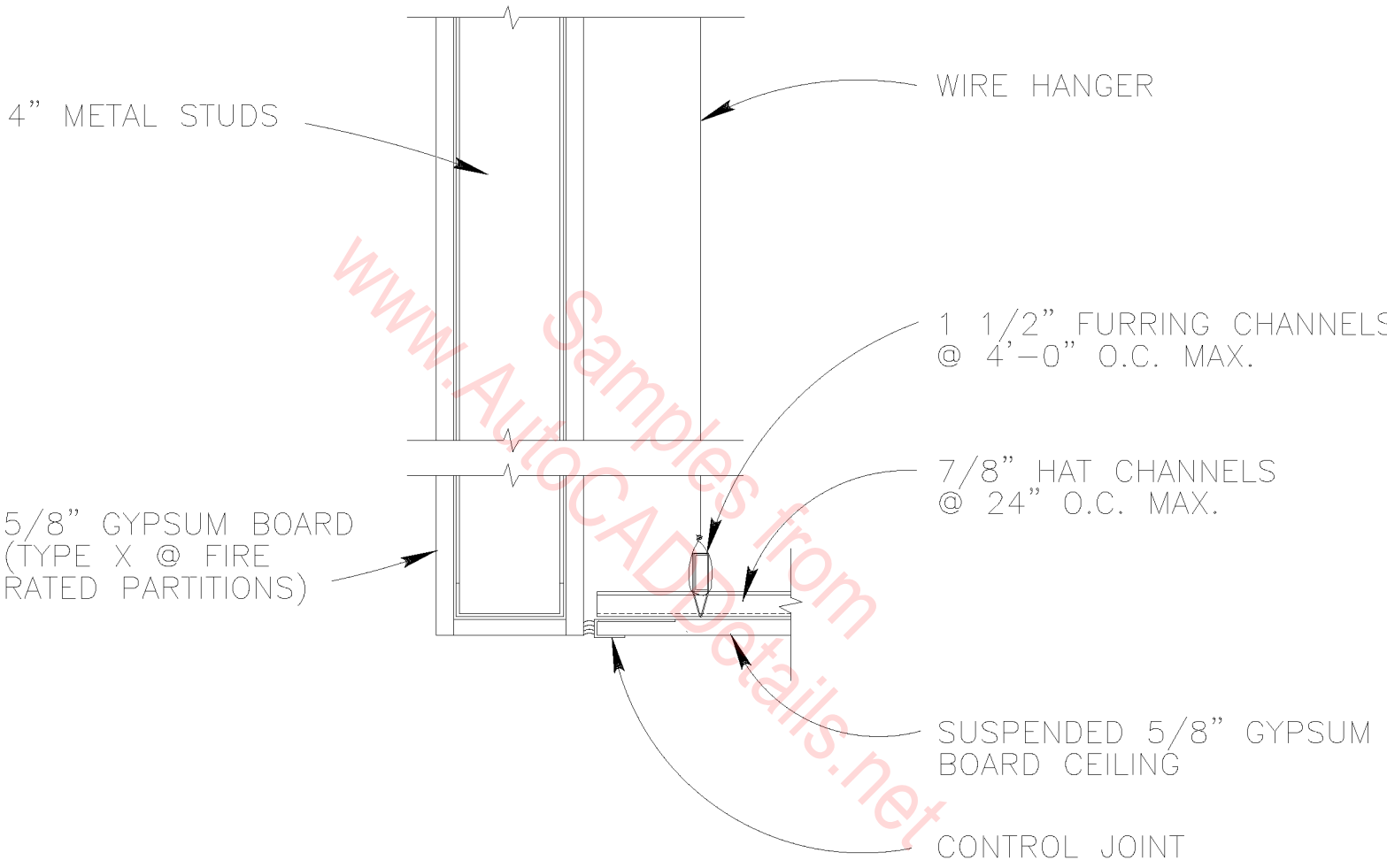
CONT. CAULKING



# LAY-IN CEILING DETAIL

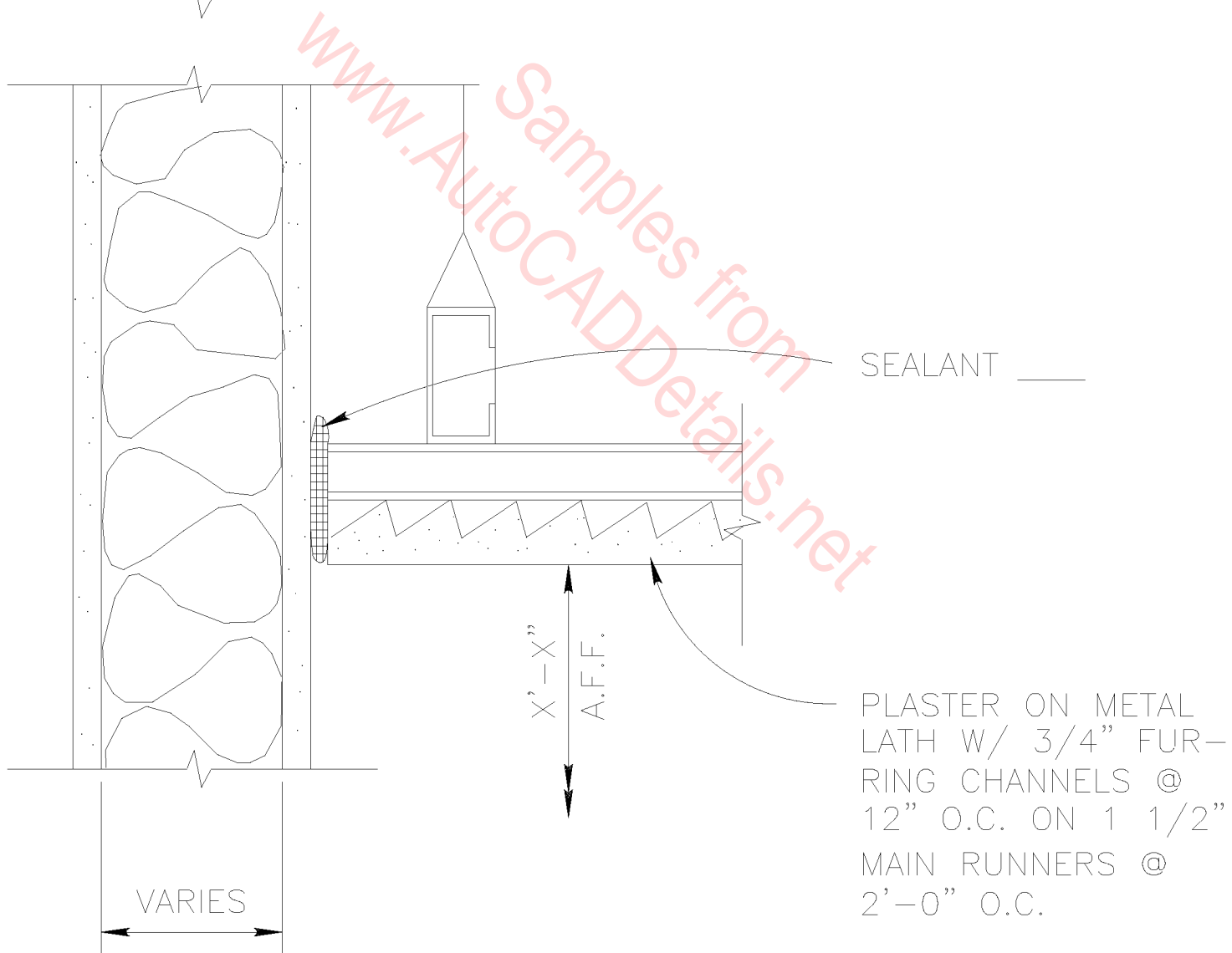
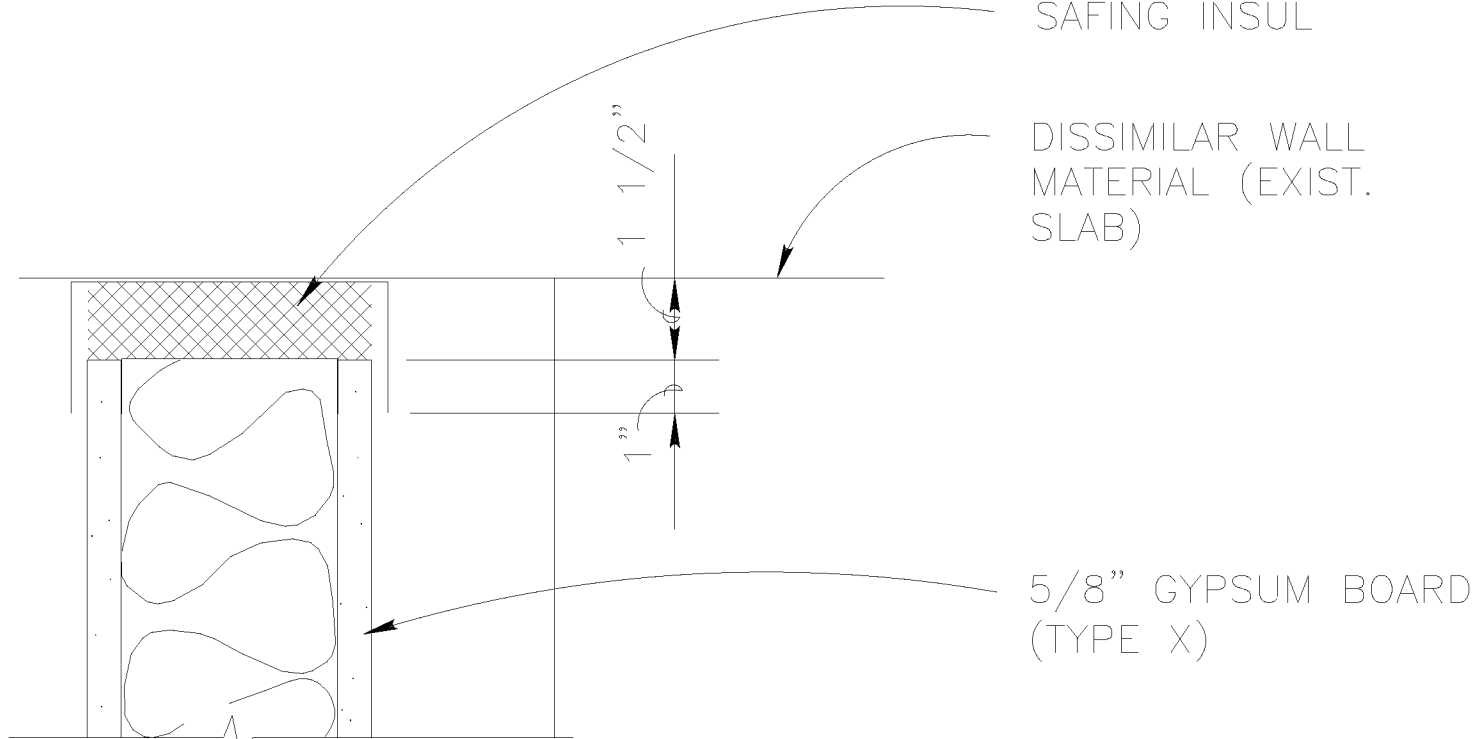
SCALE : 1 1/2" = 1'-0"





GYPSUM CEILING DETAIL X  
X|X

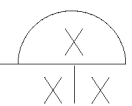
SCALE : 1 1/2" = 1'-0"

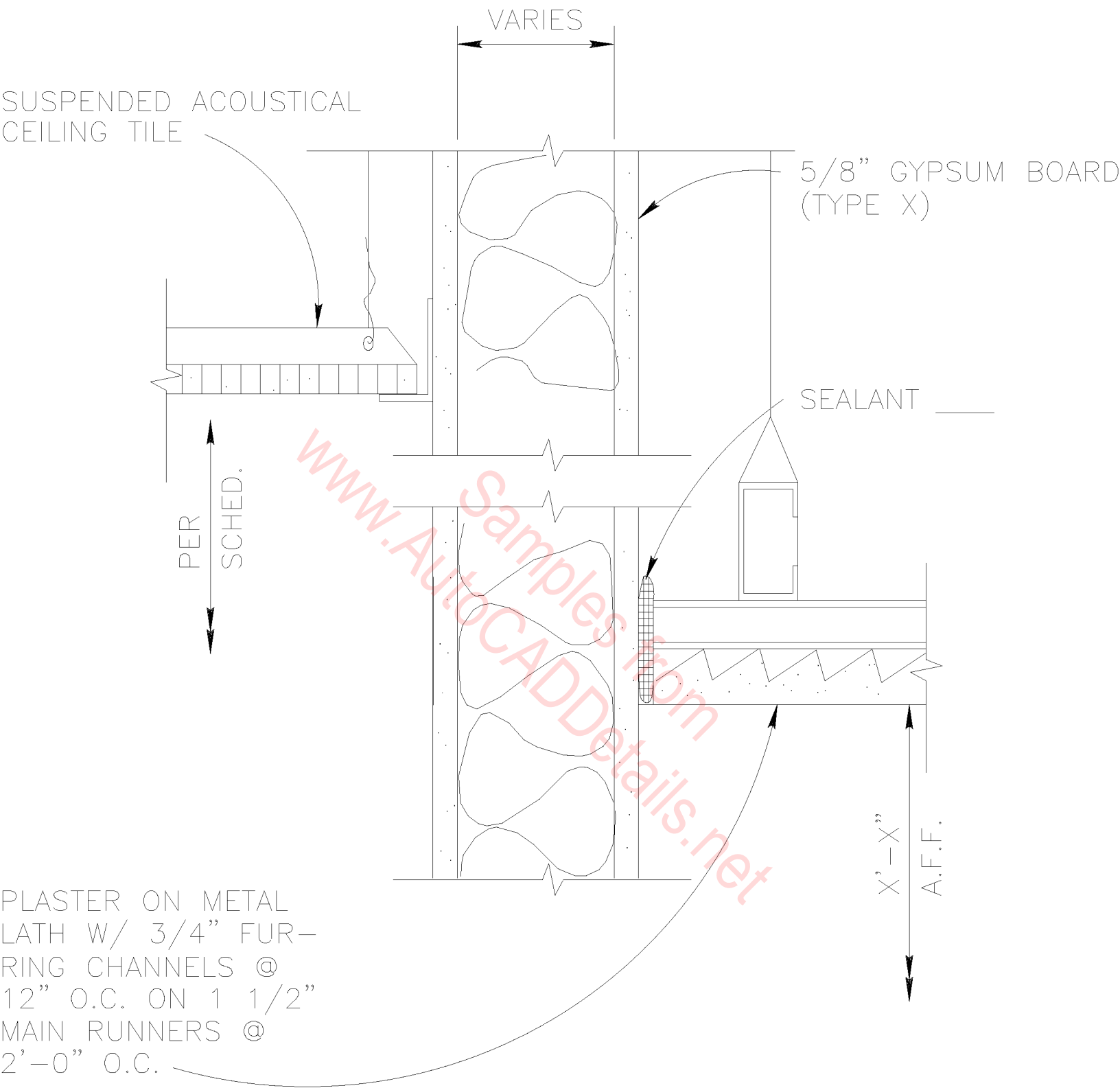


www.AutoCADDetails.net  
 Samples from

PLASTER CEILING DETAIL

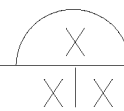
SCALE : 3" = 1'-0"

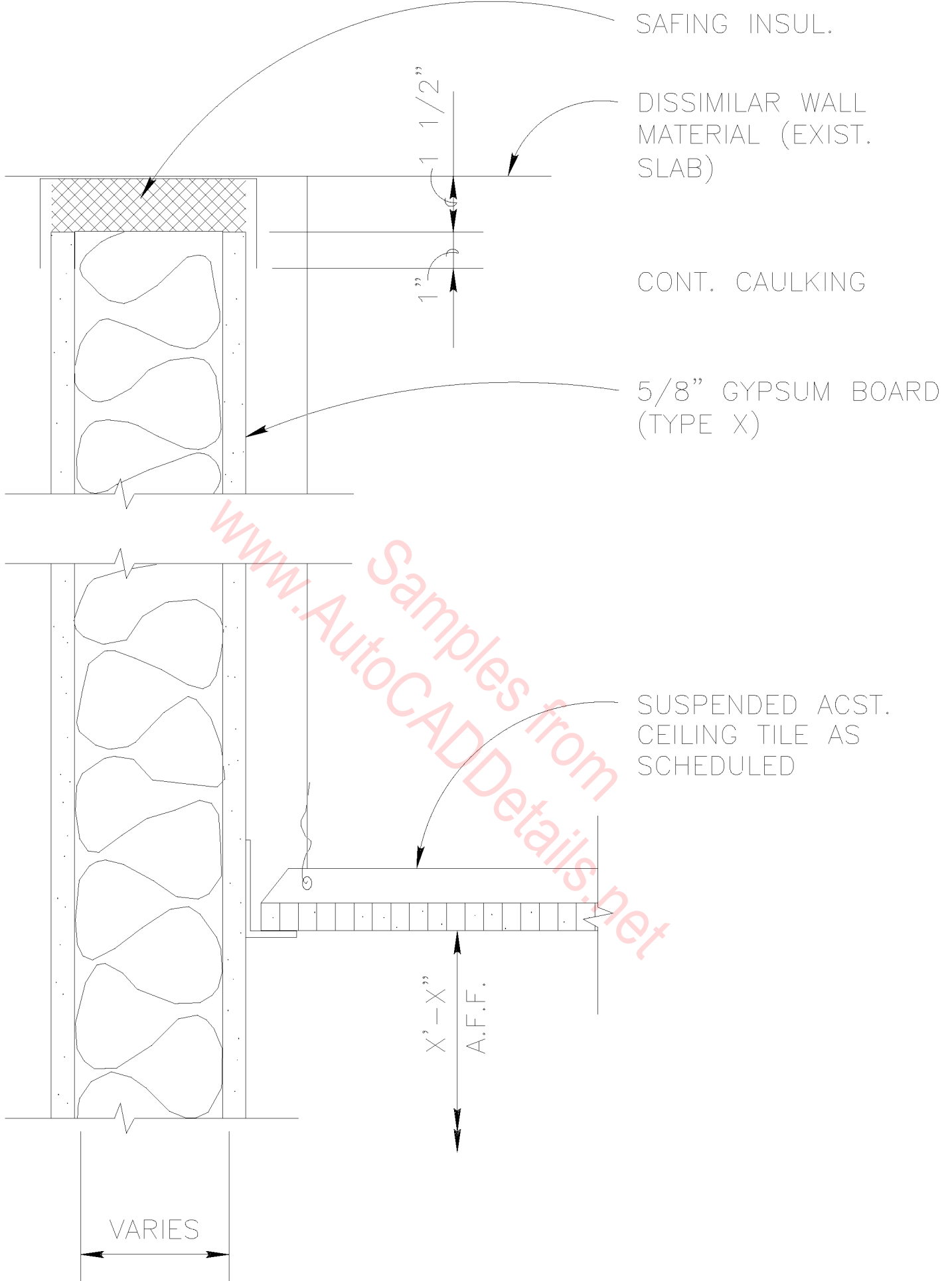




PLASTER CEILING DETAIL

SCALE : 3" = 1'-0"

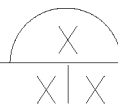


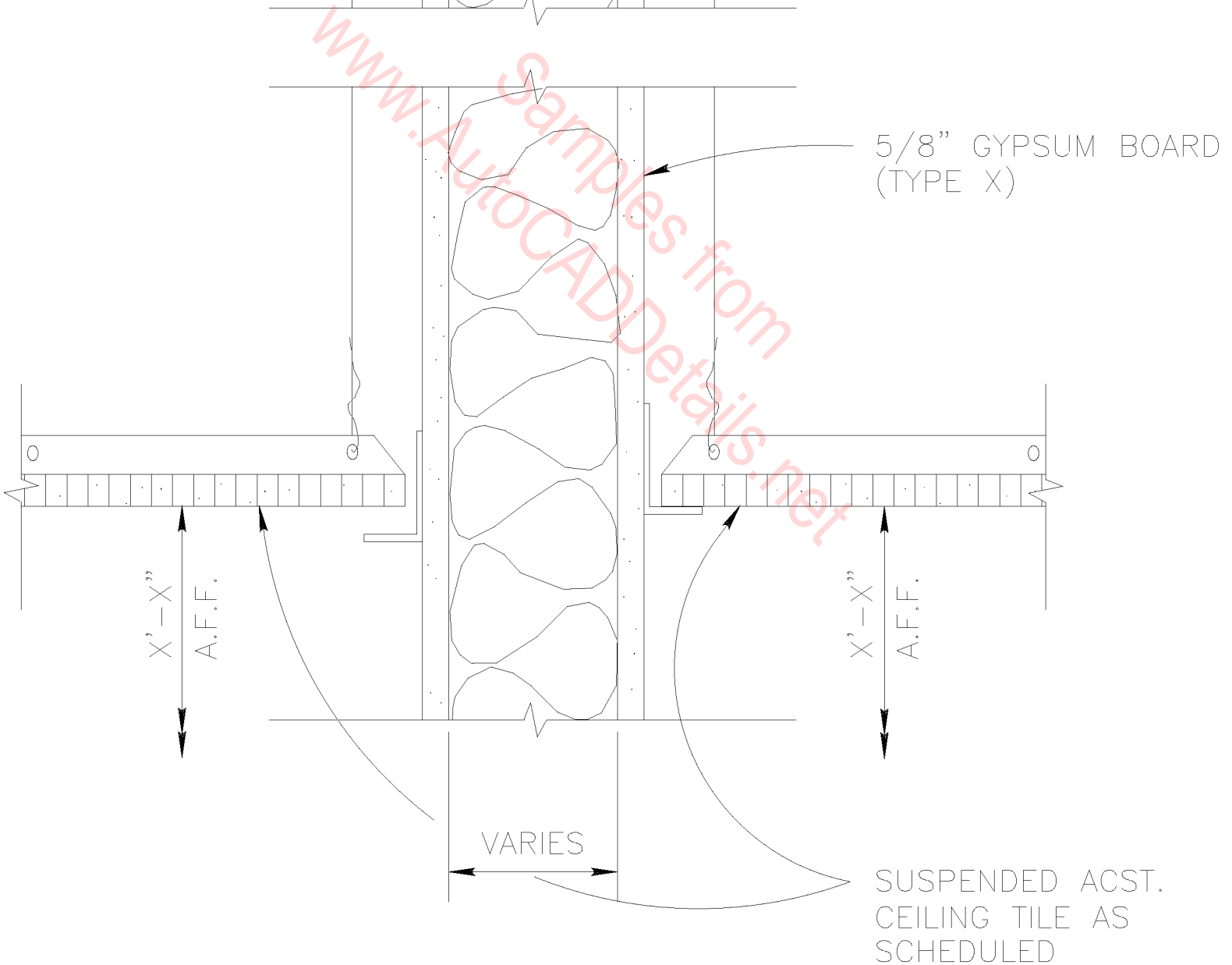
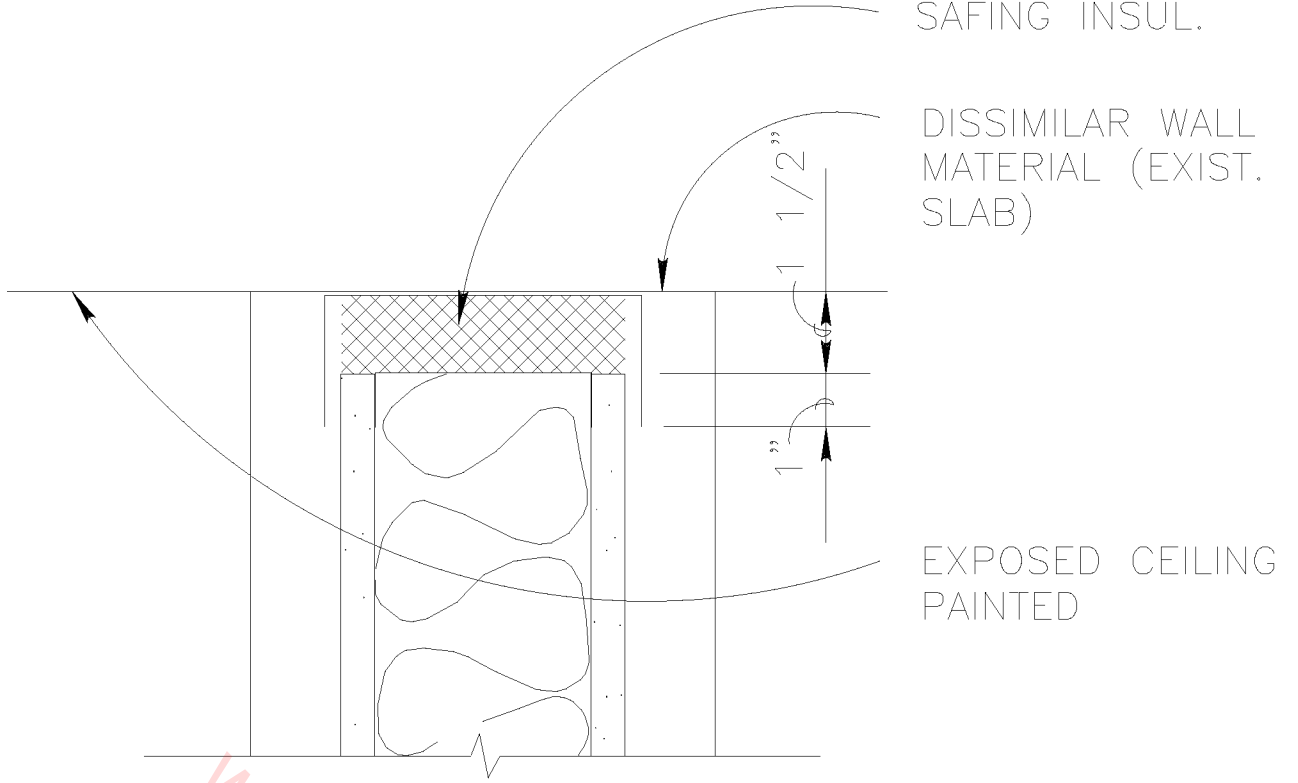


www.AutoCADDetails.net  
 Samples from

LAY-IN CEILING DETAIL

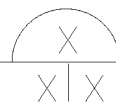
SCALE : 3" = 1'-0"

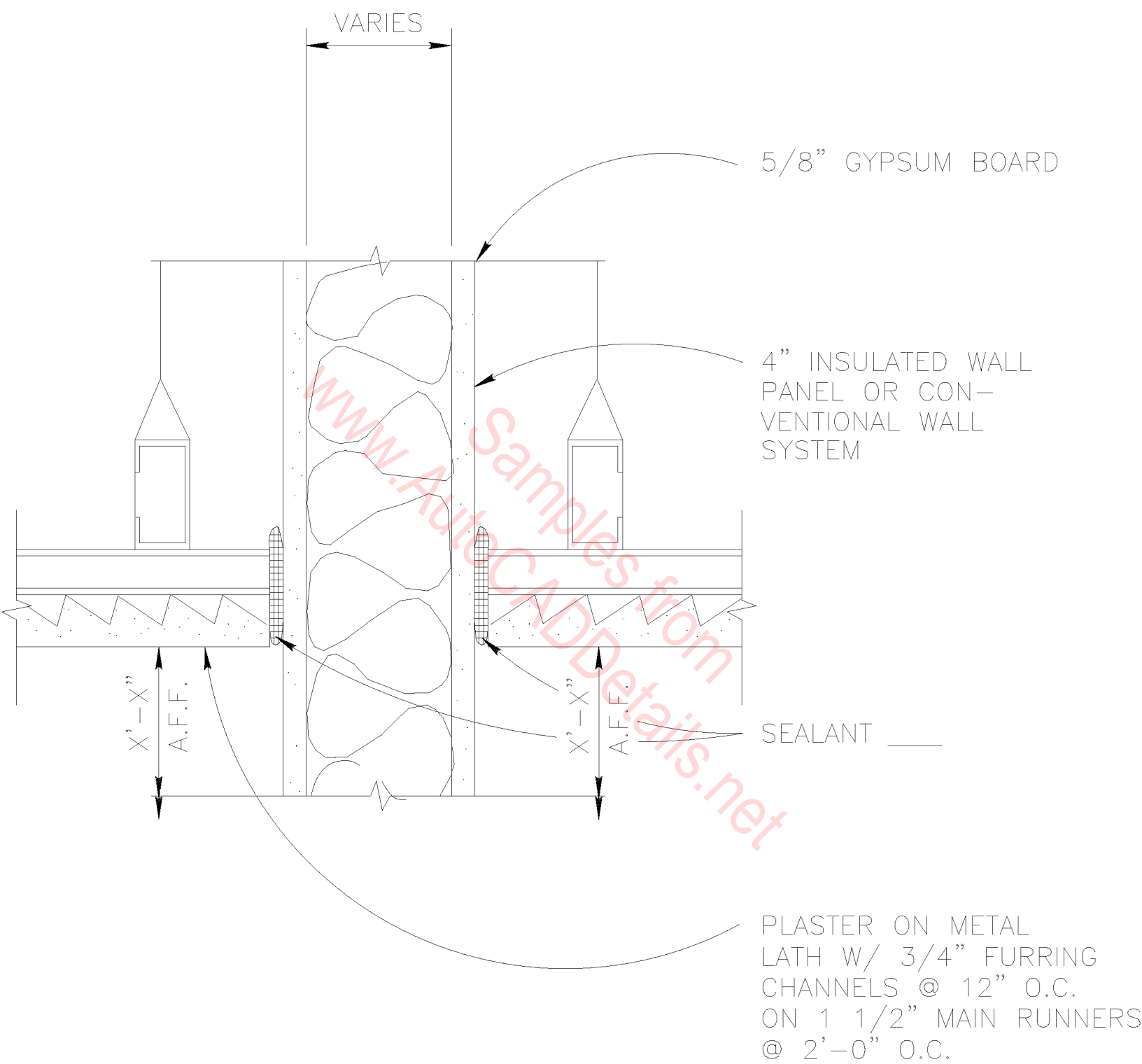




LAY-IN CEILING DETAIL

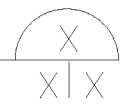
SCALE : 3"=1'-0"





PLASTER CEILING DETAIL

SCALE : 3" = 1'-0"





3 5/8" MTL. STUD  
FRAMING

3 5/8" MTL. STUD  
FRAMING

CONT. CONCEALED  
HINGE

2'-0" x 4'-6" MTL.  
ACCESS PANEL

FIXED MTL. SLEEVE  
W/ LOCKING LATCH

CLIP ANGLE  
4 SIDES

CEILING ACCESS PANEL   
SCALE : 6"=1'-0"

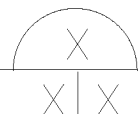
www.AutocADDetails.net  
Samples from  
AutocADDetails.net

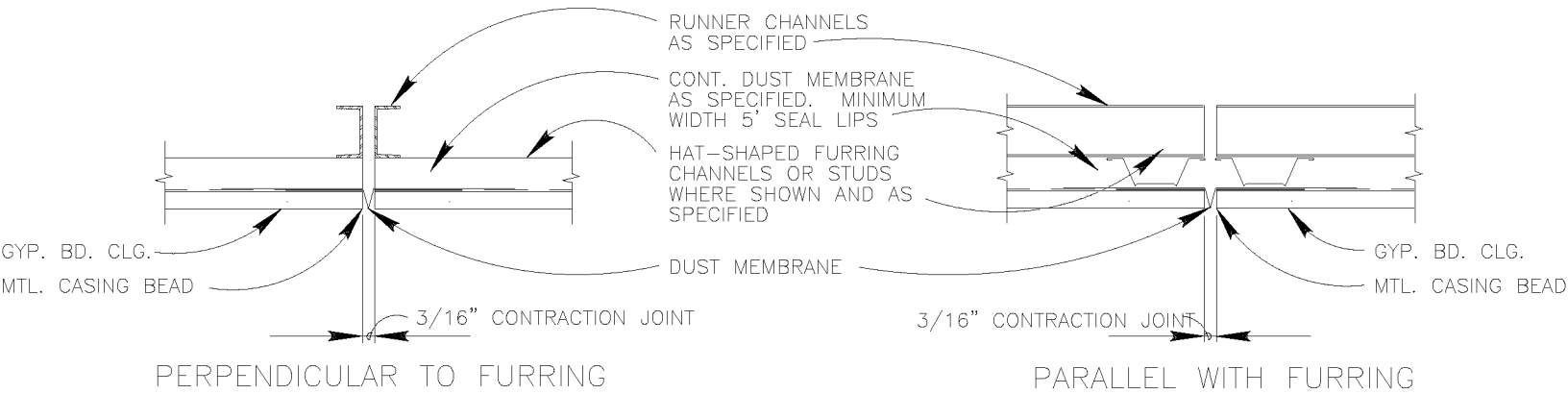
1 3/4"



PLASTER CEILING DETAIL

SCALE : 3" = 1'-0"





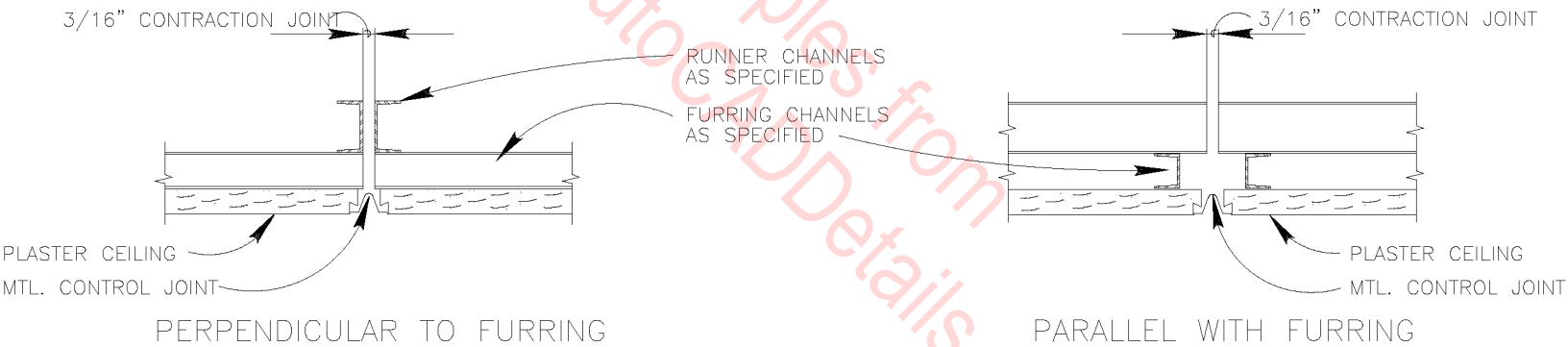
PERPENDICULAR TO FURRING

PARALLEL WITH FURRING

NOTE:

CONTROL JOINTS SHALL BE INSTALLED TO DIVIDE LONG NARROW AREAS OF GYPSUM WALLBOARD, SUCH AS OCCURE ON CORRIDOR CEILINGS, INTO LENGTHS OF NOT MORE THAN 40 FEET AND SHALL BE INSTALLED AT EXPANSION OR CONTRACTION JOINTS IN THE STRUCTURAL FRAMEWORK OVER WHICH GYPSUM BOARD IS REQUIRED. CONTROL JOINTS FOR WALLS SHALL BE INSTALLED AS DETAILED ABOVE WITH DUST MEMBRANE AND METAL CASING BEADS APPLIED TO TWO WALL STUDS OR FURRING MEMBERS SPACED 3/4" APART. ALL CEILING AND WALL JOINTS SHALL BE INSTALLED WHERE SHOWN ON THE ARCHITECTURAL WALL ELEVATIONS AND THE FLOOR AND REFLECTED CEILING PLANS.

GYPSUM BOARD



PERPENDICULAR TO FURRING

PARALLEL WITH FURRING

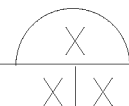
NOTE:

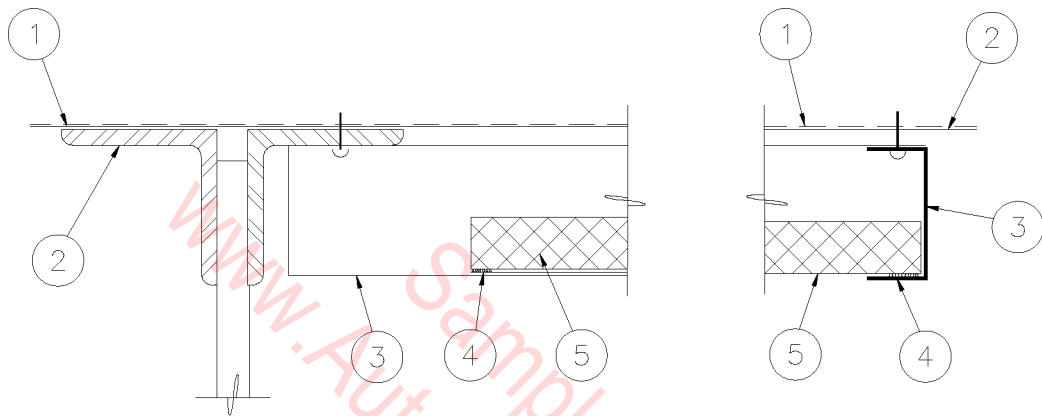
CONTROL OR EXPANSION JOINTS IN PLASTER WORK SHALL BE INSTALLED TO CONTINUE EXPANSION OR CONTROL JOINTS IN STRUCTURAL FRAME AND TO DIVIDE PLASTER AREAS INTO NOT MORE THAN 144 SQUARE FEET FOR PORTLAND CEMENT PLASTER AND 300 SQUARE FEET FOR GYPSUM OR LIME PLASTER. INTERVAL BETWEEN JOINTS SHALL BE REDUCED IN LONG NARROW AREAS SUCH AS CORRIDOR CEILINGS TO 12 FEET FOR PORTLAND CEMENT PLASTER AND 30 FEET FOR GYPSUM OR LIME PLASTER. UNRESTRICTED CEILING DESIGN SHALL BE INSTALLED WHEN TOTAL CEILING AREA EXCEEDS INTERVAL LIMITATIONS AS SPECIFIED ABOVE. CONTROL JOINTS FOR WALLS SHALL BE AS DETAILED ABOVE WITH METAL CONTROL JOINT APPLIED TO TWO WALL STUDS OR FURRING MEMBERS SPACED 3/16" APART. ALL CEILING AND WALL JOINTS SHALL BE INSTALLED WHERE SHOWN ON THE ARCHITECTURAL WALL ELEVATIONS AND THE FLOOR AND REFLECTED CEILING PLANS.

PLASTER

CEILING CONTROL JOINT DETAILS

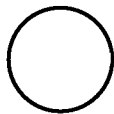
N.T.S.





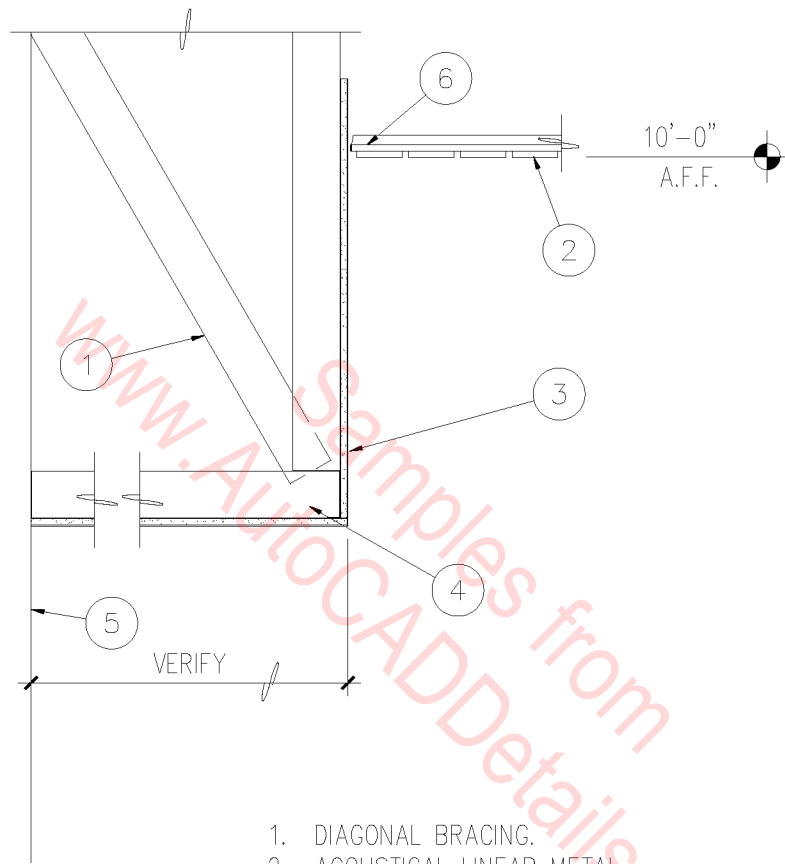
1. BOTTOM OF METAL DECK.
2. STEEL JOISTS.
3. 2-1/2" X 18GA. METAL STUD, FASTENED TO FLANGE AND ATTACHED AT MID-POINT TO STRUCTURAL METAL ABOVE.
4. ADHESIVE.
5. 7 LBS DENSITY/RIGID FIBERGLASS CORE MATERIAL, 1" THICK, WRAPPED IN FABRIC.

## ACOUSTICAL CEILING PANEL

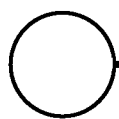


3" = 1'-0"

09B-6001



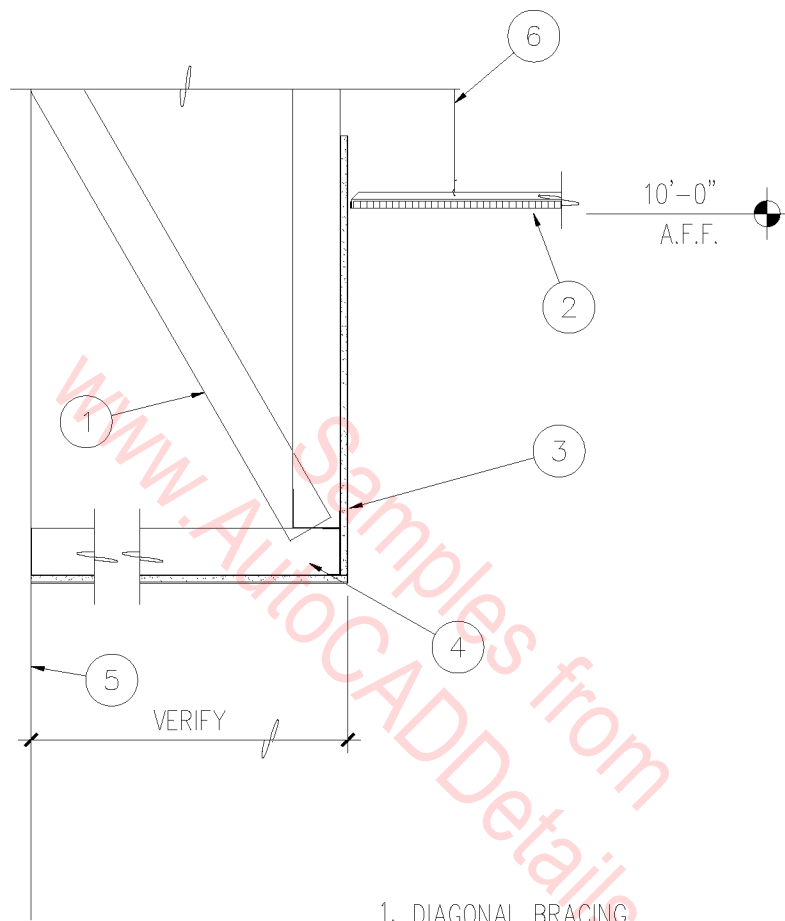
1. DIAGONAL BRACING.
2. ACOUSTICAL LINEAR METAL CEILING AND SUSPENSION SYSTEM.
3. 5/8" TYPE 'X' GYP. BOARD.
4. 3-5/8" METAL STUDS CEILING JOISTS @ 16" O.C.
5. GYPSUM BOARD WALL.
6. 1/2" SPACE.



# ACOUSTIC CEILING SOFFIT

3/4" = 1'-0"

09B-6002

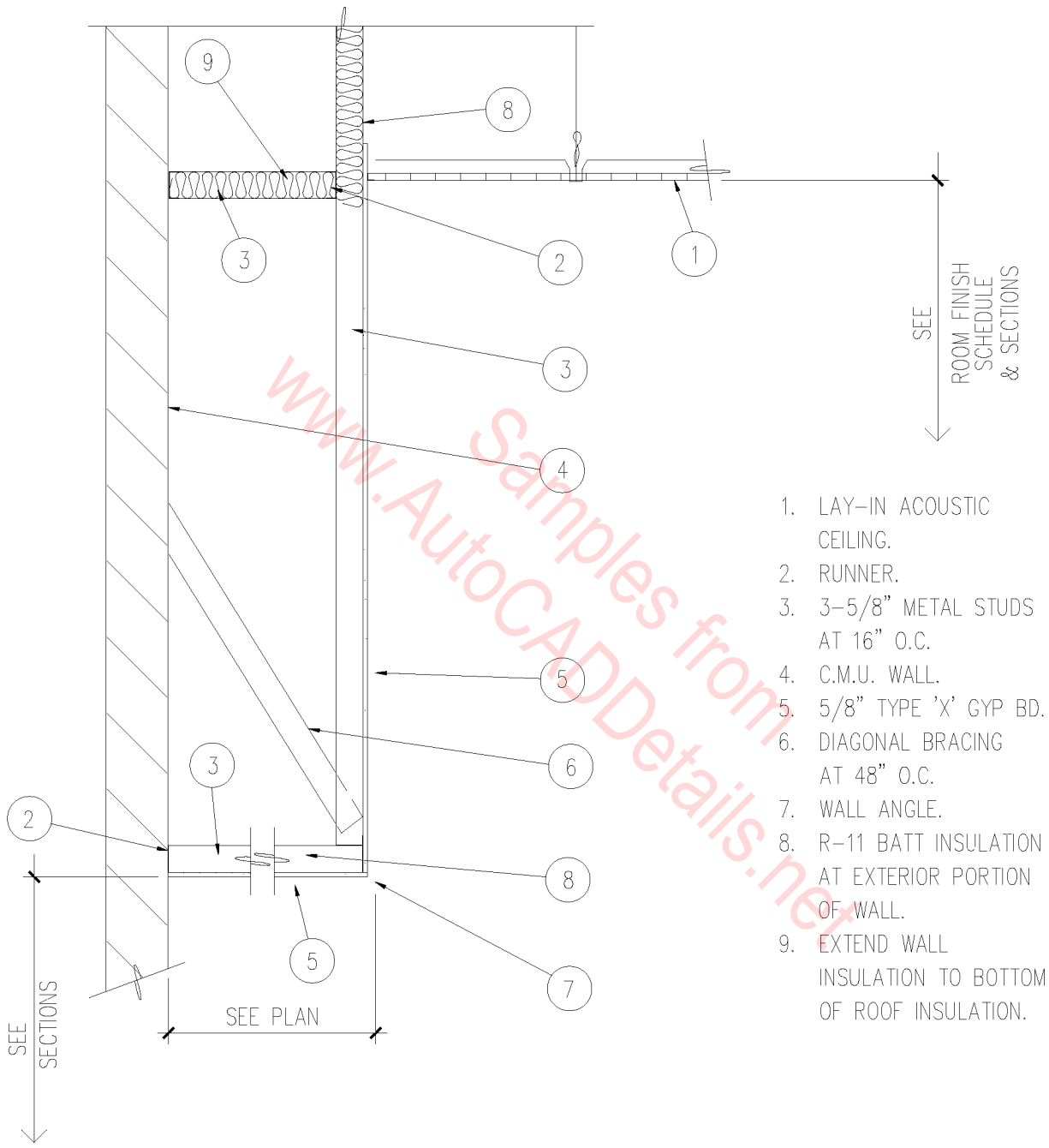


1. DIAGONAL BRACING.
2. ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM.
3. 5/8" TYPE 'X' GYPSUM BOARD.
4. 3-5/8" METAL STUDS @ 24" O.C.
5. MASONRY OR GYPSUM BOARD WALL.
6. HANGER WIRE.

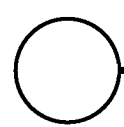
# ○ TYPICAL SOFFIT

3/4" = 1'-0"

09B-6003



1. LAY-IN ACOUSTIC CEILING.
2. RUNNER.
3. 3-5/8" METAL STUDS AT 16" O.C.
4. C.M.U. WALL.
5. 5/8" TYPE 'X' GYP BD.
6. DIAGONAL BRACING AT 48" O.C.
7. WALL ANGLE.
8. R-11 BATT INSULATION AT EXTERIOR PORTION OF WALL.
9. EXTEND WALL INSULATION TO BOTTOM OF ROOF INSULATION.

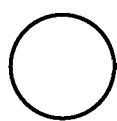
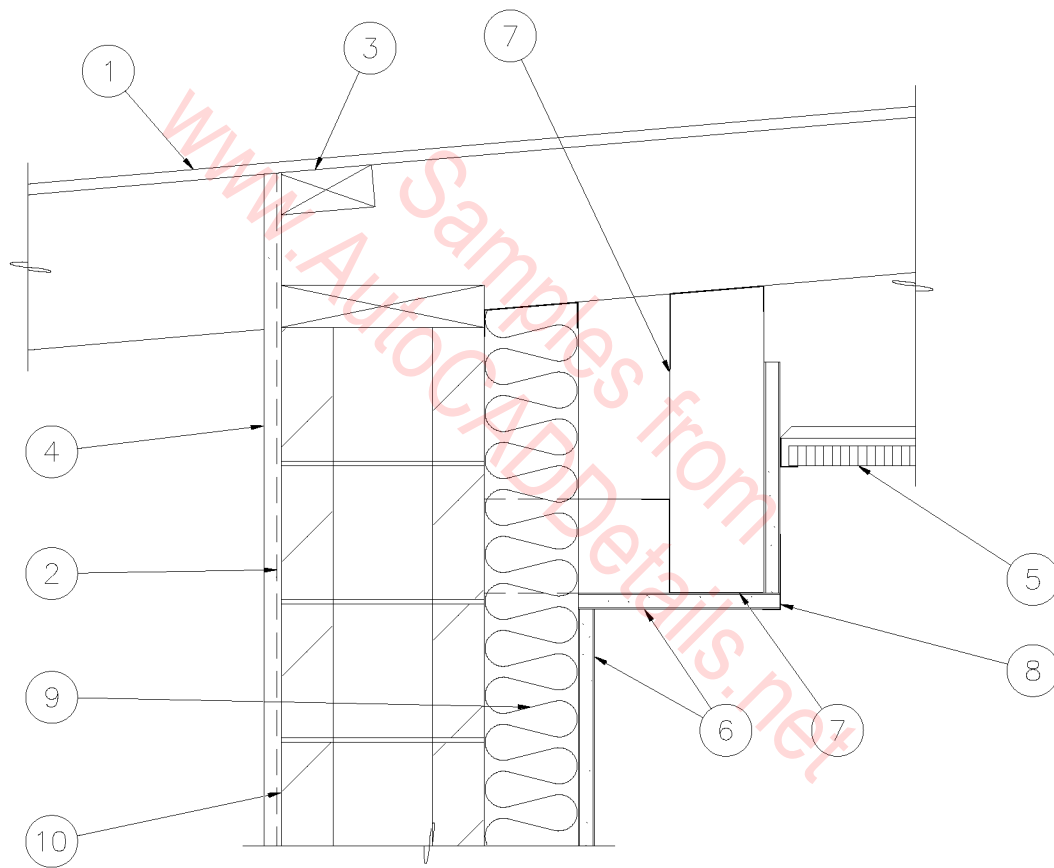


SUSP. CEILING @ SOFFIT

1/2" = 1'-0"

09B-6004

- |   |                          |
|---|--------------------------|
| 1. EXISTING ROOF STRUCTURE.                       | 7. 3-5/8" METAL STUDS.   |
| 2. METAL LATH.                                    | 8. METAL CORNER BEAD.    |
| 3. 2x NAILER.                                     | 9. R-11 BATT INSULATION. |
| 4. 5/8" CEMENT PLASTER APPLIED DIRECTLY TO BLOCK. | 10. MASONRY WALL.        |
| 5. LAY-IN CEILING PANEL.                          |                          |
| 6. 5/8" TYPE 'X' GYP. BOARD.                      |                          |

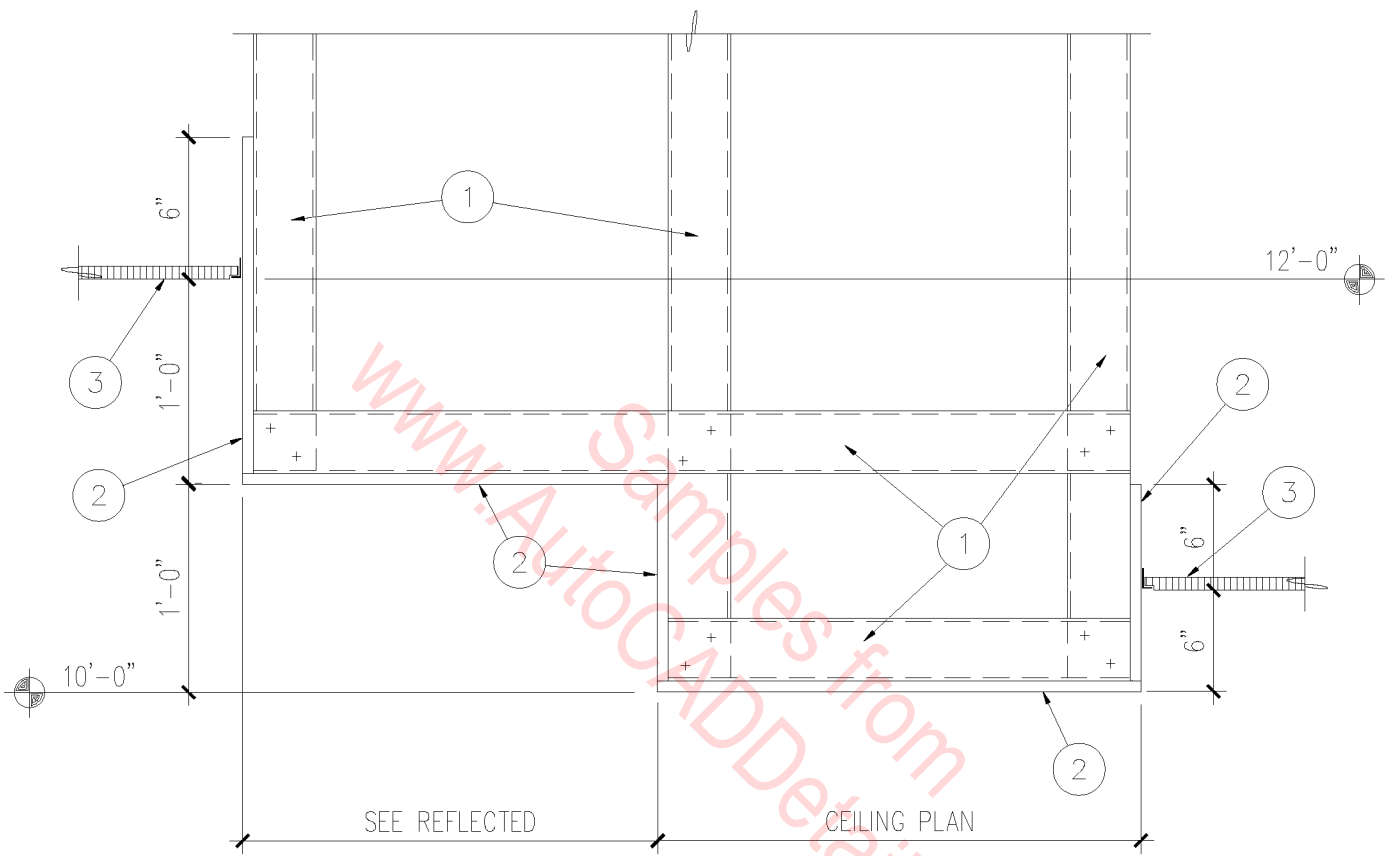


# INTERIOR SOFFIT

1 1/2" = 1'-0"

09B-6005

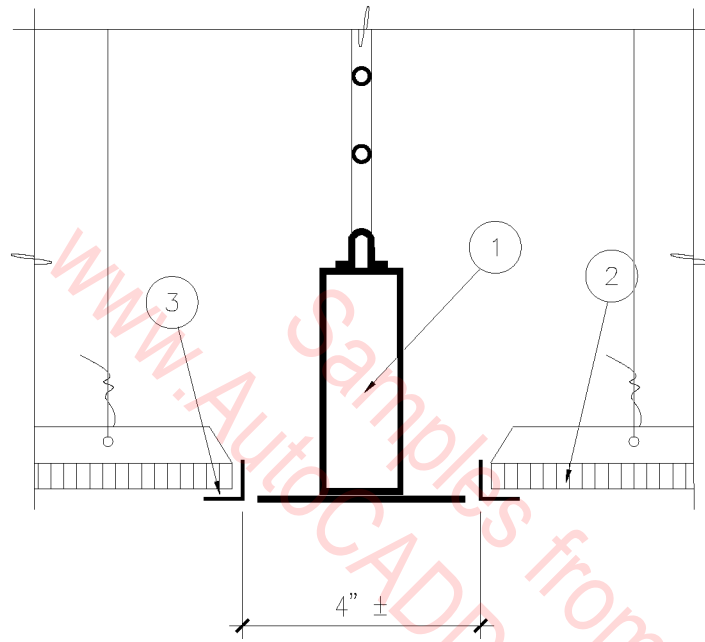




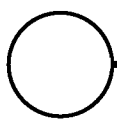
1. 3-5/8" METAL STUDS AT 24" O.C. SUSPEND FROM STRUCTURE ABOVE.
2. 5/8" TYPE 'X' GYP. BD.
3. LAY-IN ACOUSTICAL CEILING PANEL.

○ STEPPED SOFFIT  
 1 1/2" = 1'-0"

09B-6006



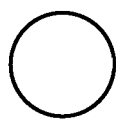
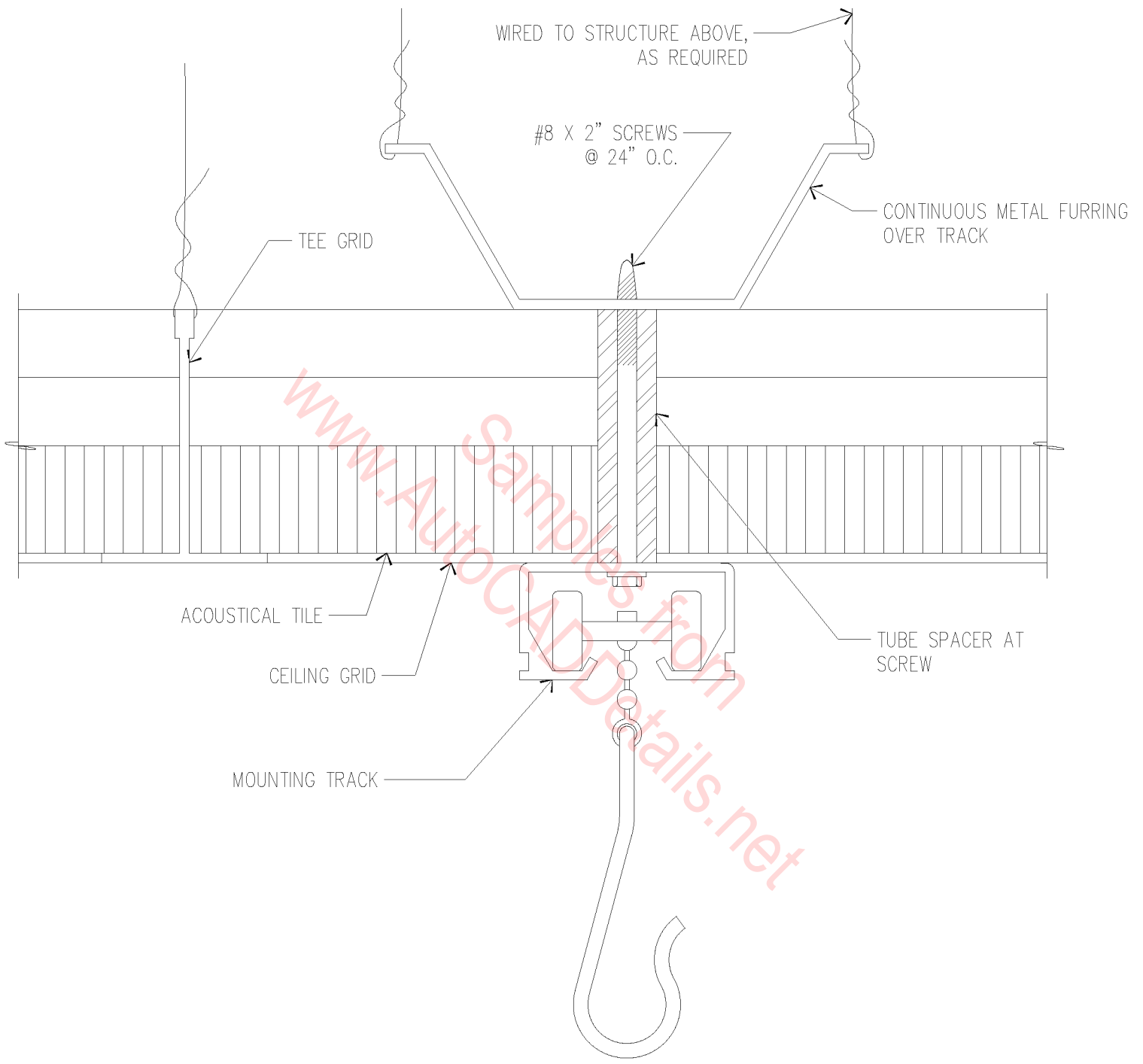
1. ROLLING GRILLE BOTTOM BAR.
2. ACOUSTICAL CEILING TILE.
3. CEILING GRID ANGLE MOLD – RIVET TO RUNNERS.



# ROLLING GRILLE SLOT

SCALE: N.T.S.

09B-6007

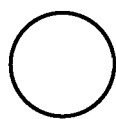
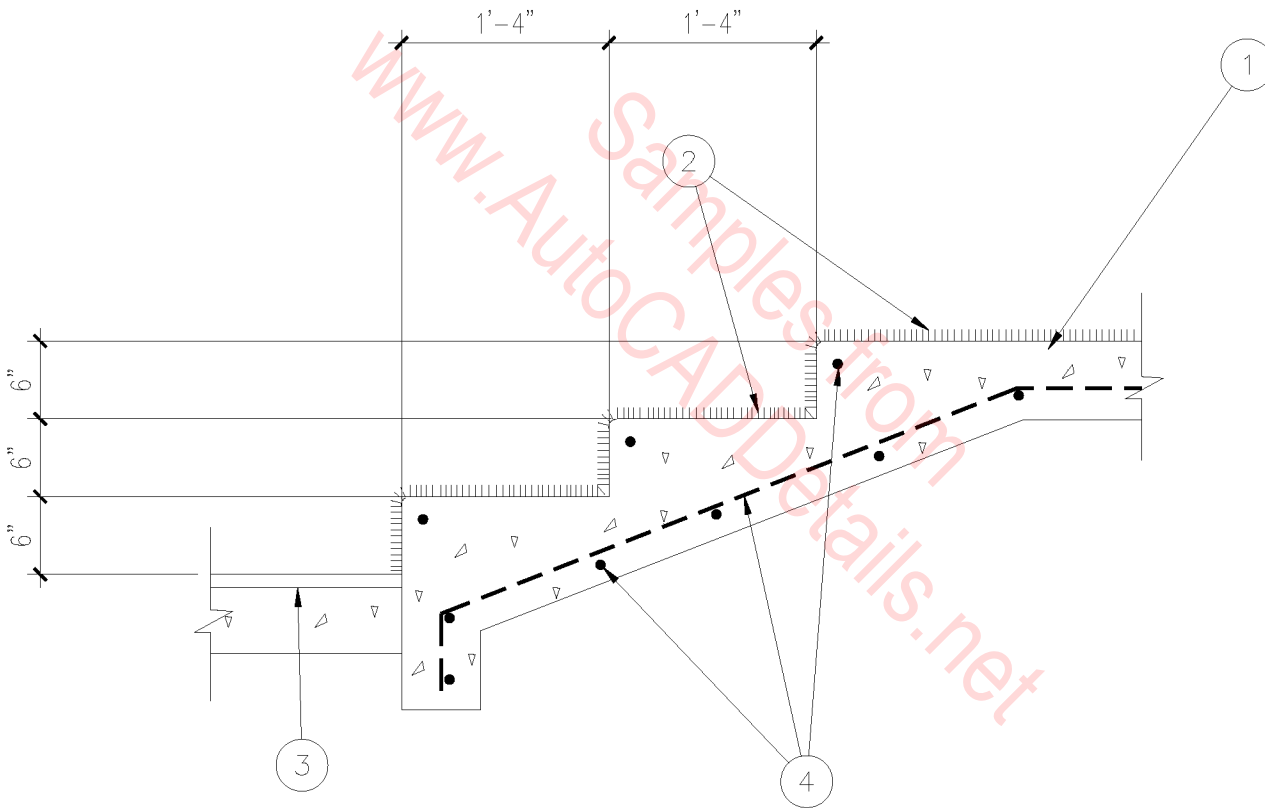


# CURTAIN TRACK DETAIL

1" = 1"

09B-6008

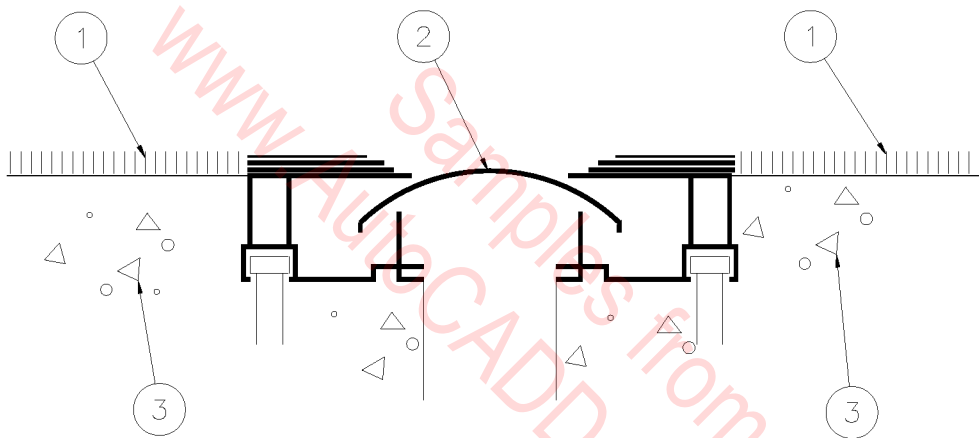
1. 4" CONCRETE SLAB.
2. CARPET ON SLAB AND STEPS UP TO PLATFORM.
3. FINISH FLOOR.
4. SEE STRUCTURAL FOR STAIR REINFORCING.



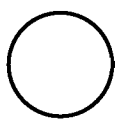
CARPET ON STAIRS

3/4" = 1'-0"

09B-9001



1. CARPET.
2. "BALCO" 6000 SERIES EXPANSION JOINT  
TYPE 6FC-1.
3. CONCRETE SLAB.



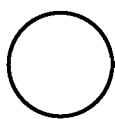
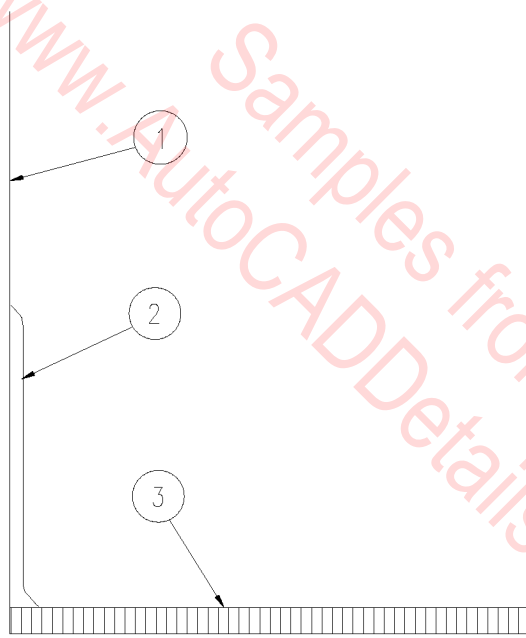
# FLOOR EXPANSION JOINT

1" = 1'-0"

09B-9002

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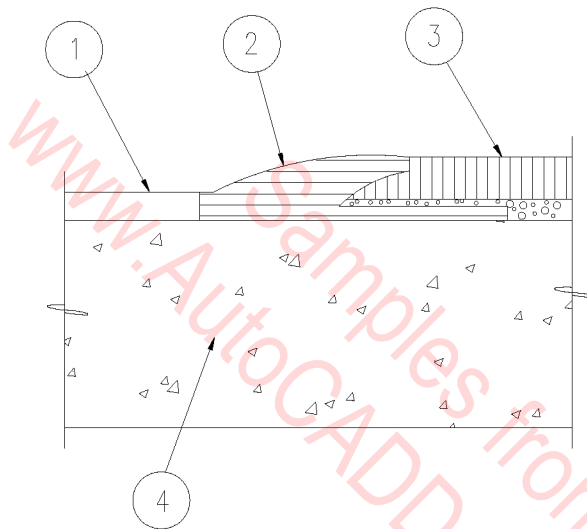
- 1. FACE OF FINISHED WALL.
- 2. RUBBER BASE.
- 3. CARPET



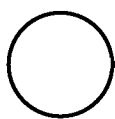
# RUBBER BASE AT CARPET

3" = 1'-0"

09B-9003



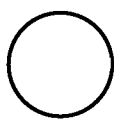
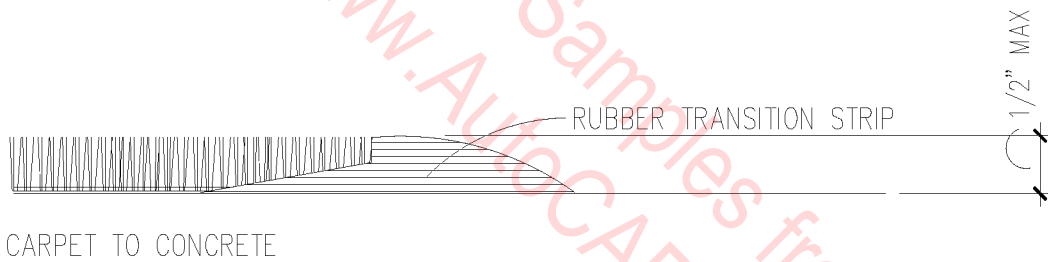
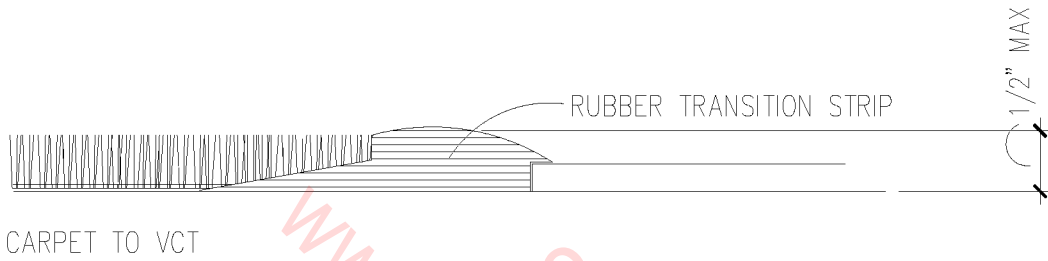
- 1. TILE FLOOR.
- 2. TILE-CARPET JOINER.
- 3. CARPET.
- 4. CONCRETE SLAB.



# CARPET REDUCER

3" = 1'-0"

09B-9004

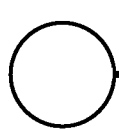
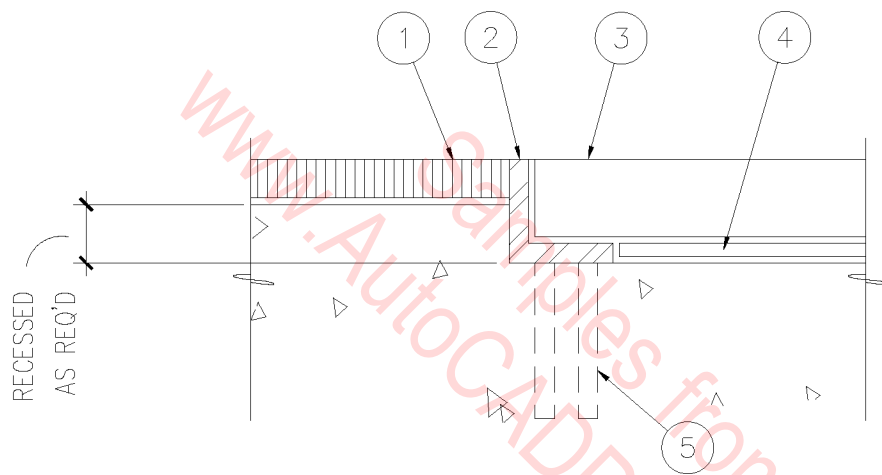


# FLOOR TRANSITIONS

N.T.S.

09B-9005

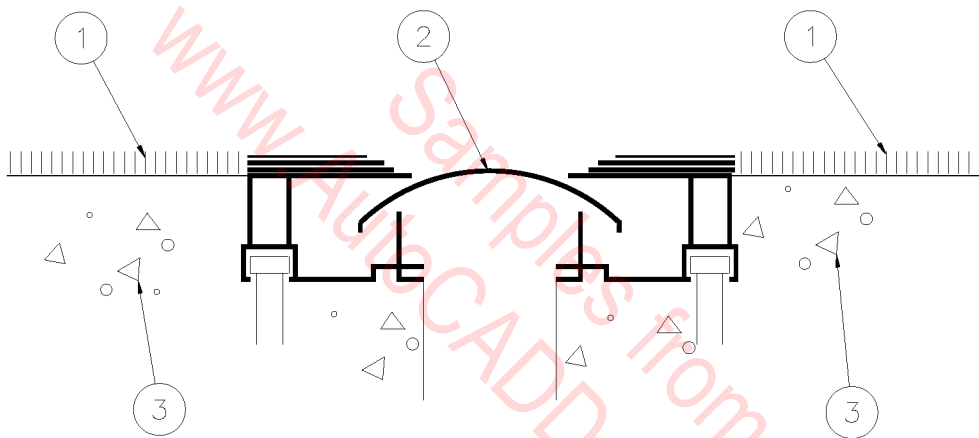




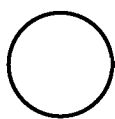
## RECESSED FLOOR MAT

3" = 1'-0"

09B-9006



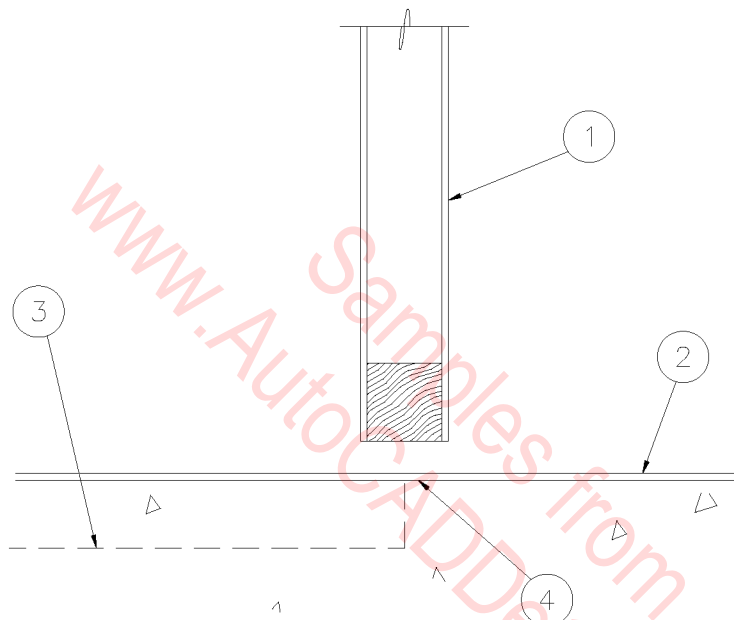
1. CARPET.
2. "BALCO" 6000 SERIES EXPANSION JOINT  
TYPE 6FC-1.
3. CONCRETE SLAB.



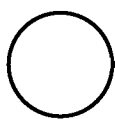
# FLOOR EXPANSION JOINT

1" = 1'-0"

09B-2001



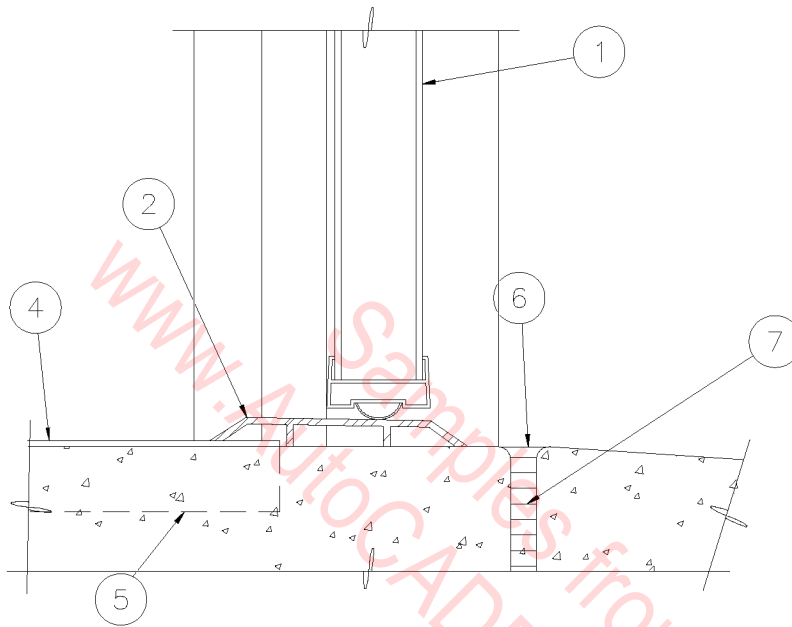
1. DOOR.
2. FINISH FLOOR.
3. FLOOR DEPRESSION WHERE APPLICABLE.
4. CHANGE FLOOR FINISH UNDER DOOR WHERE APPLICABLE.



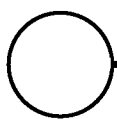
# INTERIOR THRESHOLD

3" = 1'-0"

09B-2002



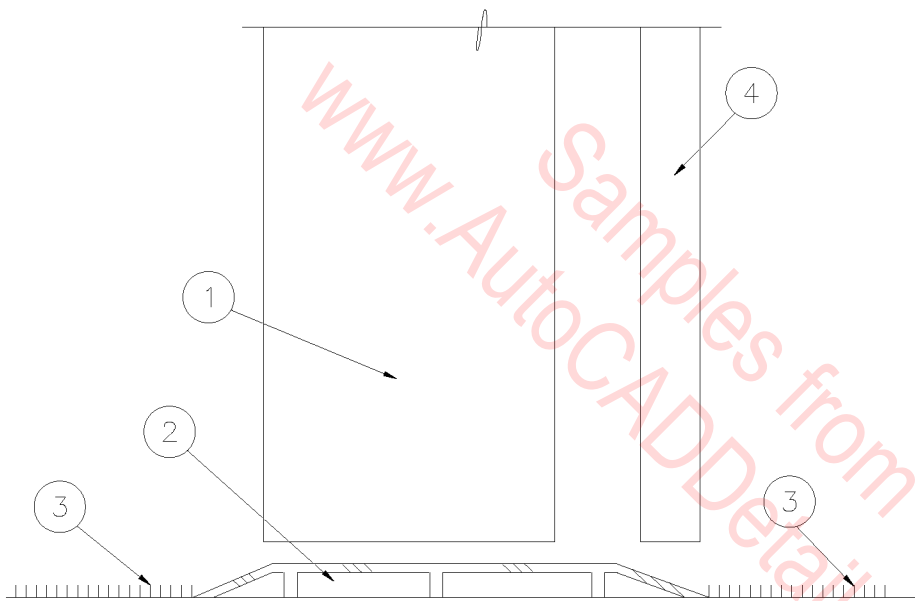
1. HOLLOW METAL DOOR.
2. ALUMINUM THRESHOLD SET IN SEALANT AND ON TOP OF FLOOR FINISH (CARPET, VCT ETC.).
3. SLOPE CONCRETE SLAB AWAY FROM DOOR.
4. FINISH FLOOR.
5. FLOOR DEPRESSION WHERE APPLICABLE FOR CERAMIC TILE (MUD SET OR THIN SET).
6. SEALANT.
7. EXPANSION JOINT.



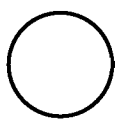
## EXTERIOR THRESHOLD

3" = 1'-0"

09B-2003



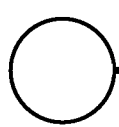
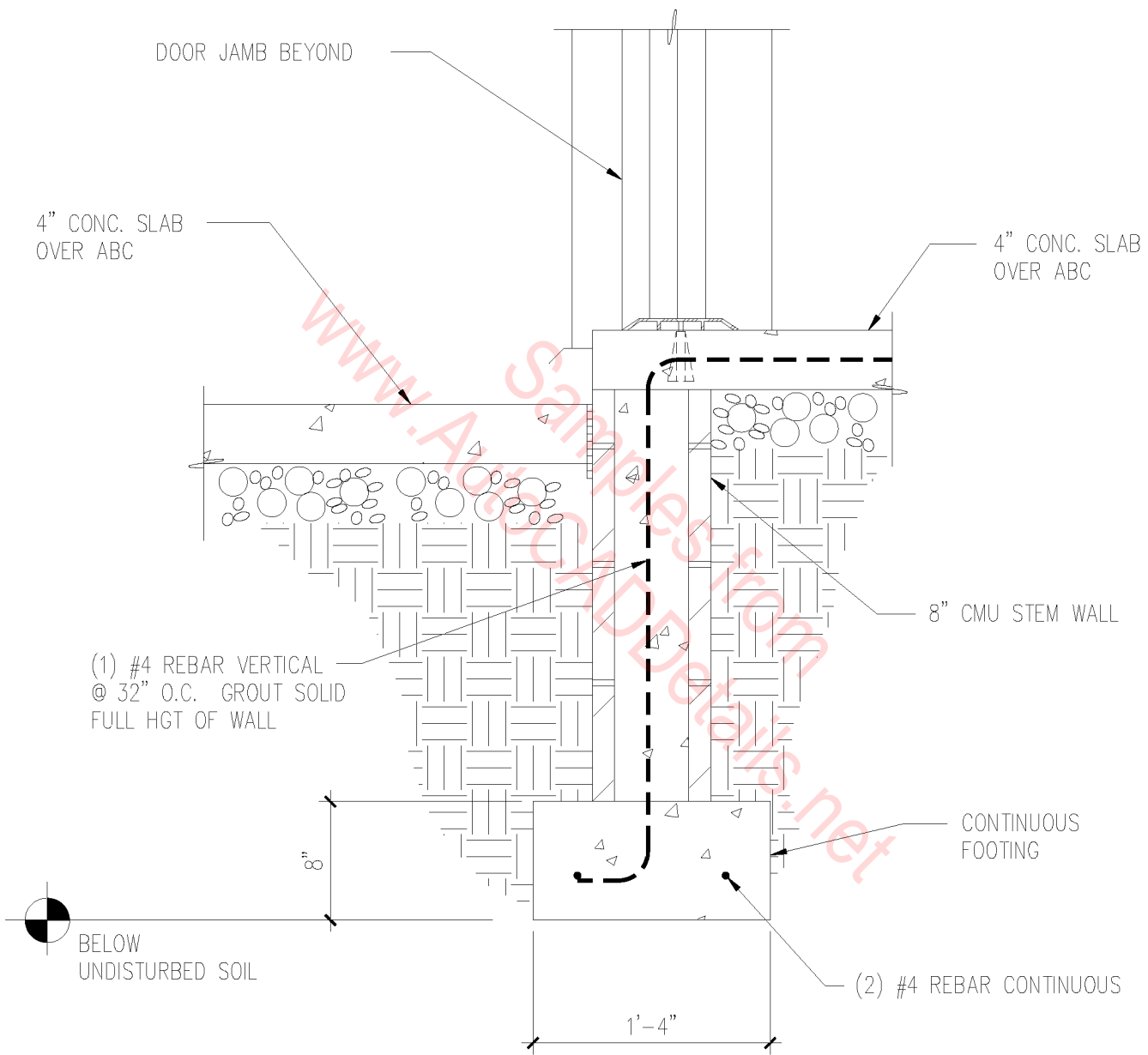
1. VAULT DOOR.
2. ALUMINUM THRESHOLD SET IN FULL BED OF SEALANT.
3. FINISH FLOOR.
4. DAY GATE.



VAULT THRESHOLD

3" = 1'-0"

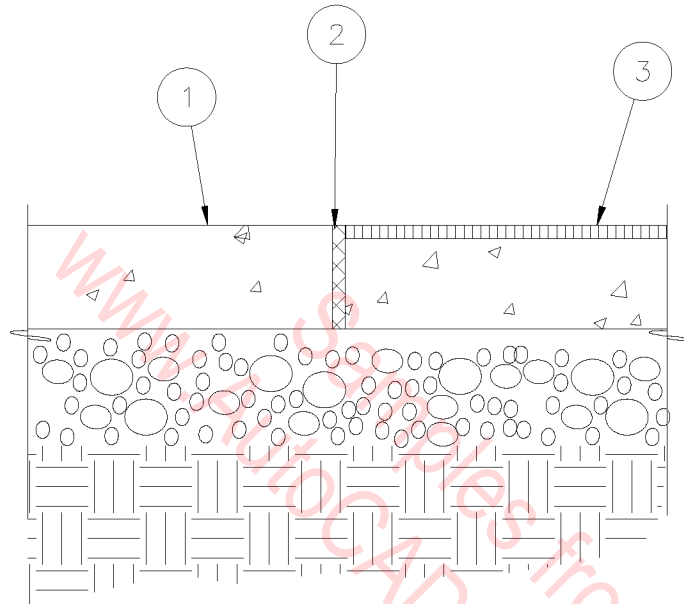
09B-2004



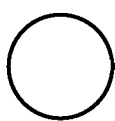
# DEPRESSED C.M.U. STEM

1" = 1'-0"

09B-2005



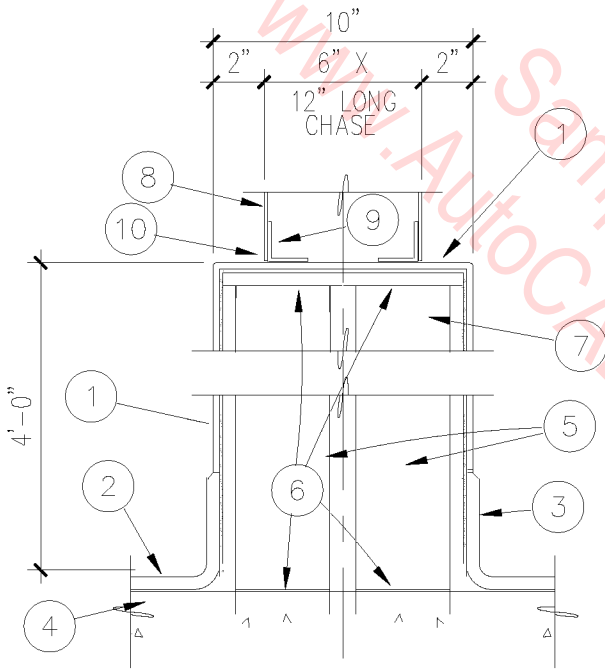
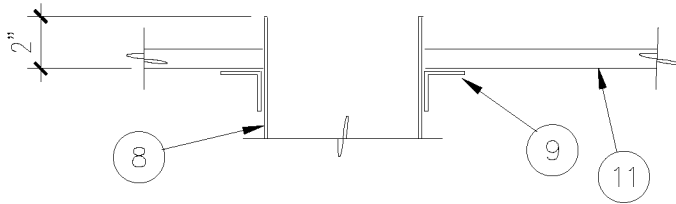
1. 4" CONCRETE ON 4" A.B.C.
2. 1/2" EXPANSION JOINT.
3. TILE ON 4" CONCRETE ON 4" A.B.C.



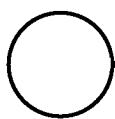
# TILE ON CONCRETE

1 1/2" = 1'-0"

09B-1001



1. CERAMIC WALL TILE  
THIN SET ON GLASS  
MESH MORTAR UNIT.
2. FLOORING
3. FLOORING AND INTEGRAL BASE.  
(TROWEL ON SEAMLESS BASE).
4. DEPRESS CONCRETE SLAB  
3/8" FOR FLOORING.
5. 3-5/8" METAL STUDS  
AT 24" O.C.
6. METAL STUD.
7. METAL STUD TRACK
8. STAINLESS STEEL UTILITY  
CHASE.
9. STAINLESS STEEL ANGLE  
FRAME.
10. SEALANT.
11. FINISH CEILING.

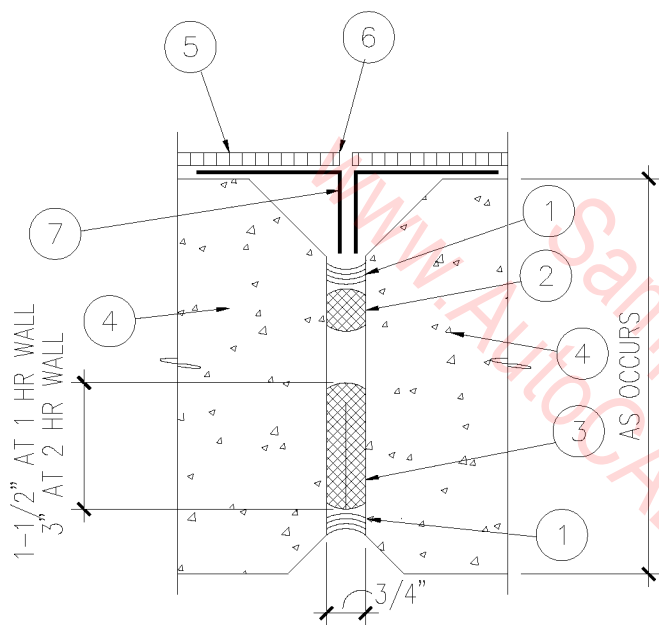


## STUB WALL

3" = 1'-0"

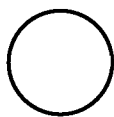
09B-1002





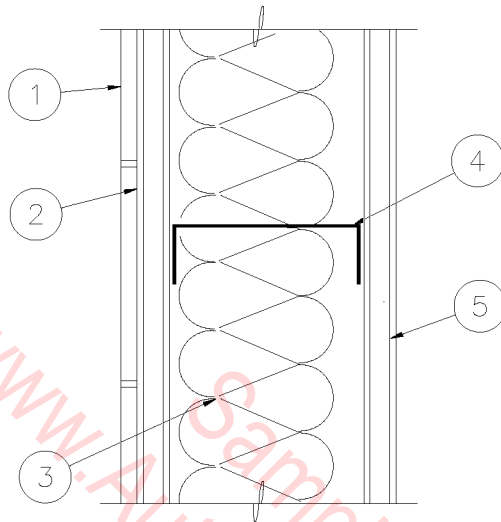
1. FIRE STOPPING SEALANT, 'TREMCO' DYMETRIC, POLYTREMDYNE TERPOLYMER.
  2. JOINT FILLER - POLYETHYLENE CLOSED-CELL FOAM, BY 'DOW CHEMICAL'.
  3. 'CERABLANKET-FS' - CERAMIC FIBER BLANKET INSULATION, BY 'JOHNS-MANVILLE'.
  4. CONCRETE WALL.
  5. CERAMIC TILE ON THIN SET CEMENT MORTAR.
  6. SEALANT.
  7. METAL LATH CORNER
- ICBO EVALUATION REPORT NO. 3198.

## CONTROL JOINT @ TILT UP WALL



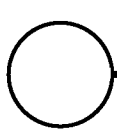
3" = 1'-0"

09B-1003



UL DESIGN NO. U445 SIMILAR

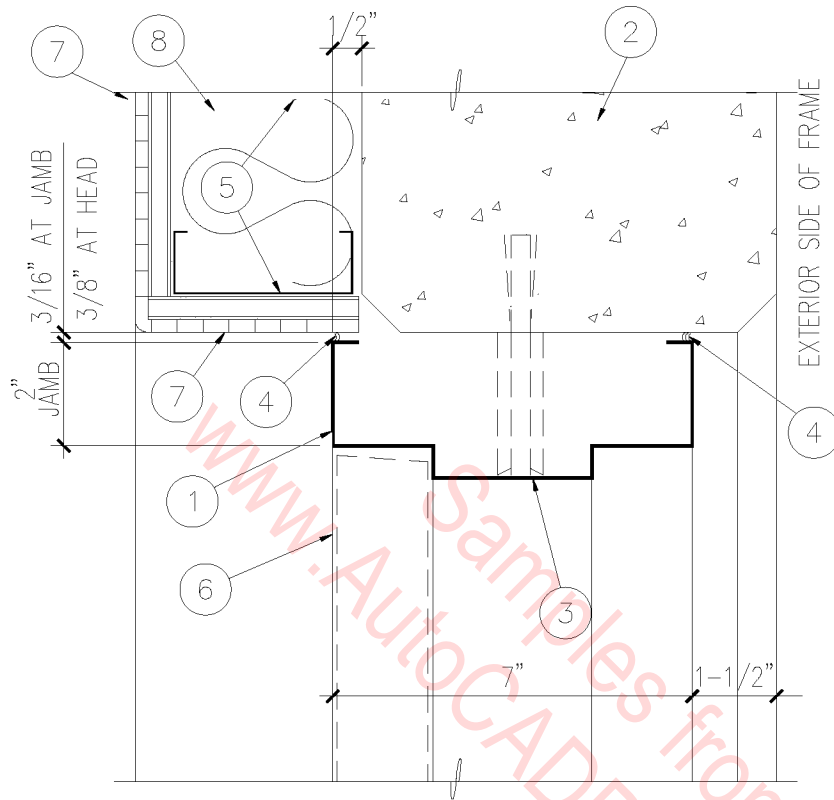
1. CERAMIC TILE.
2. 1/2" CEMENT BOARD ATTACHED TO STUDS WITH 1-5/8" LONG TYPE 'S' CORROSION RESISTANT SCREWS AT 6" O.C. TAPE JOINTS WITH GLASS FIBER MESH TAPE.
3. BATT INSULATION.
4. 3-5/8" METAL STUDS AT 16" O.C.
5. 5/8" TYPE 'X' GYPSUM BOARD ATTACHED TO STUDS WITH 1" LONG SELF-TAPPING SCREWS AT 8" O.C.



1 HOUR RESISTIVE WALL

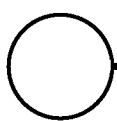
3" = 1'-0"

09B-1004



JAMB CONDITION - HEAD SIMILAR

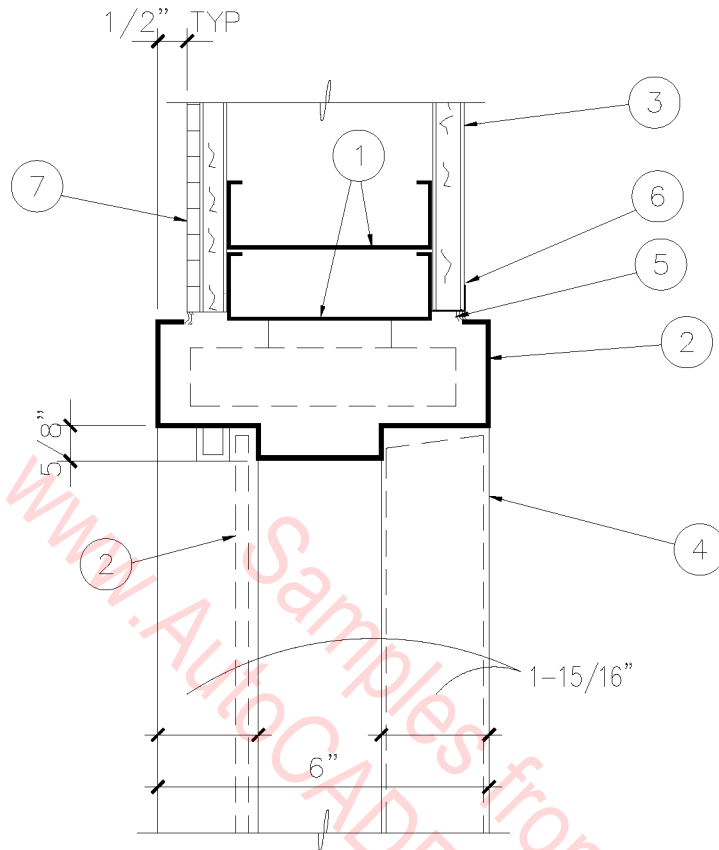
1. HOLLOW METAL FRAME.
2. PRECAST CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. METAL STUDS AT 24" O.C.
6. DOOR WHERE APPLICABLE.
7. 1/4" CERAMIC TILE THIN SET ON 7/16" GLASS MESH MORTAR UNIT.
8. R-11 BATT INSULATION.



HOLLOW METAL FRAME

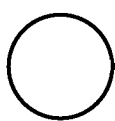
3" = 1'-0"

09B-1005



JAMB CONDITION – HEAD AND WINDOW SILL SIMILAR

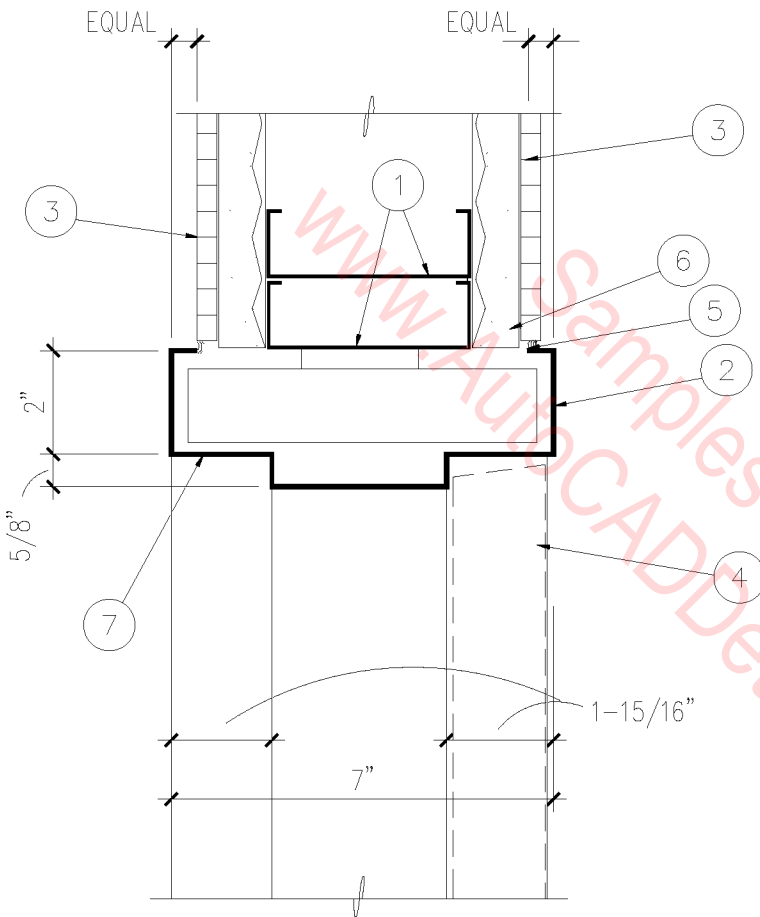
1. 3-5/8" METAL STUDS.
2. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
3. 5/8" GYP. BOARD.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD.
7. 1/4" CERAMIC TILE ON 7/16" GLASS MESH MORTAR UNIT.



## HOLLOW METAL FRAME

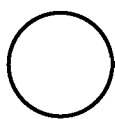
3" = 1'-0"

09B-1006



1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 1/4" CERAMIC TILE ON CEMENT MORTAR BED ON METAL LATH.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. "J" STOP.
7. JAMB ANCHOR.

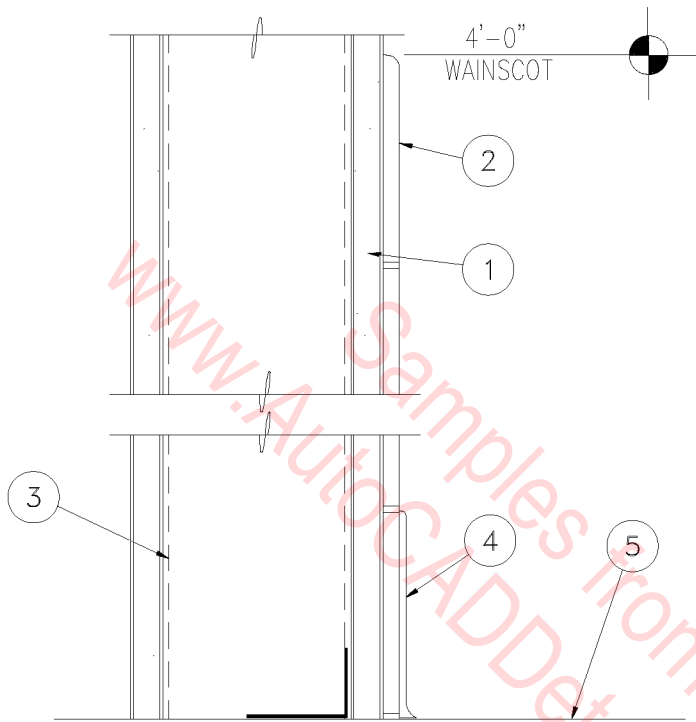
JAMB CONDITION - HEAD SIMILAR



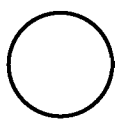
# HOLLOW METAL FRAME

3" = 1'-0"

09B-1007



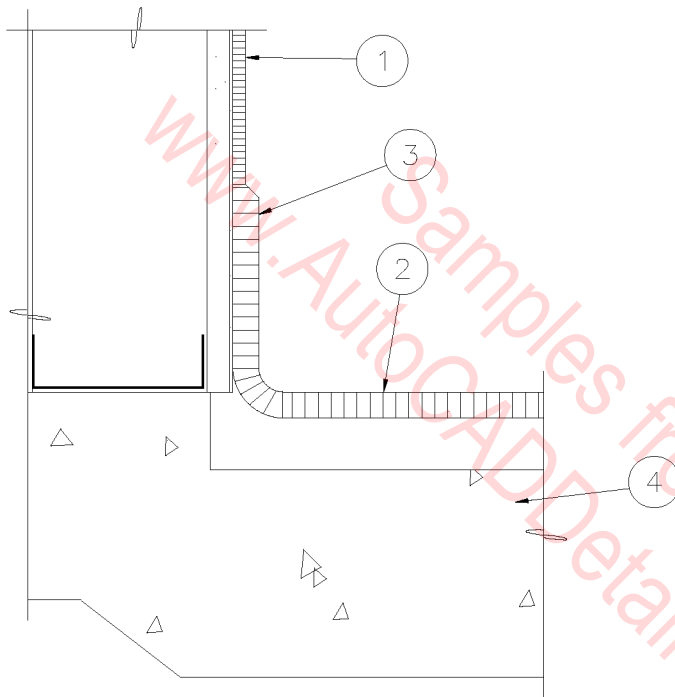
1. WATER-RESISTANT GYPSUM BOARD.
2. THIN-SET CERAMIC TILE.
3. LIGHT GAUGE METAL STUD FRAMING.
4. RUBBER BASE.
5. FINISH FLOOR.



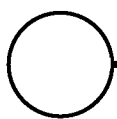
# CERAMIC TILE WAINSCOT

3" = 1'-0"

09B-1008



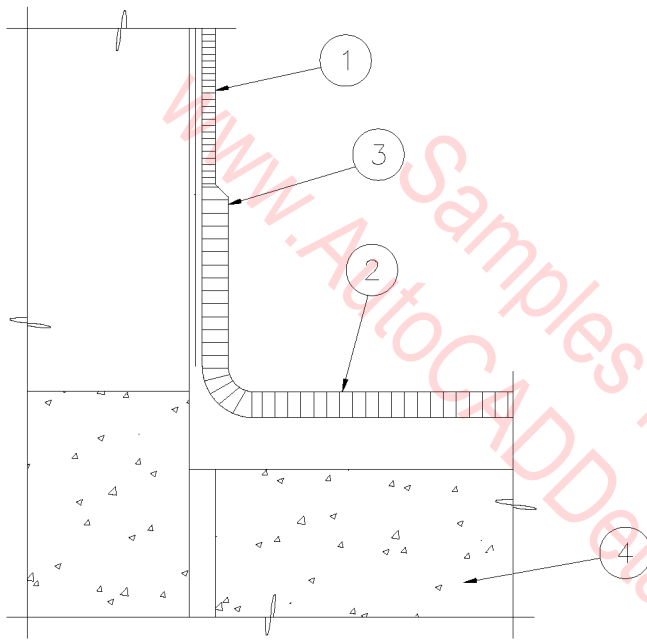
1. CERAMIC WALL TILE  
THIN SET ON GLASS  
MESH MORTAR UNITS  
ON METAL STUDS.
2. CERAMIC FLOOR TILE  
ON MORTAR BED.
3. CERAMIC TILE BASE  
THIN SET ON GLASS  
MESH MORTAR UNITS.
4. DEPRESS CONCRETE  
SLAB FOR TILE AND  
MORTAR BED.



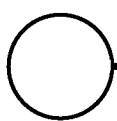
## CERAMIC TILE BASE

3" = 1'-0"

09B-1009



1. CERAMIC WALL TILE  
THIN SET ON CEMENT  
MORTAR LEVELING COAT  
ON CONCRETE OR CMU.
2. CERAMIC FLOOR TILE  
ON MORTAR BED.
3. CERAMIC TILE BASE  
THIN SET ON CEMENT  
MORTAR LEVELING COAT  
ON CONCRETE OR CMU.
4. DEPRESS CONCRETE  
SLAB FOR TILE AND  
MORTAR BED.

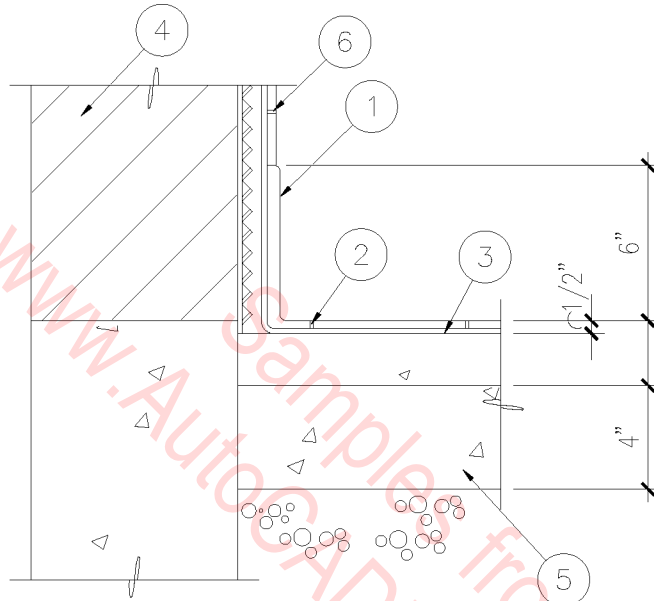


## CERAMIC TILE BASE

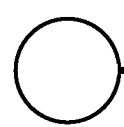
3" = 1'-0"

09B-1010





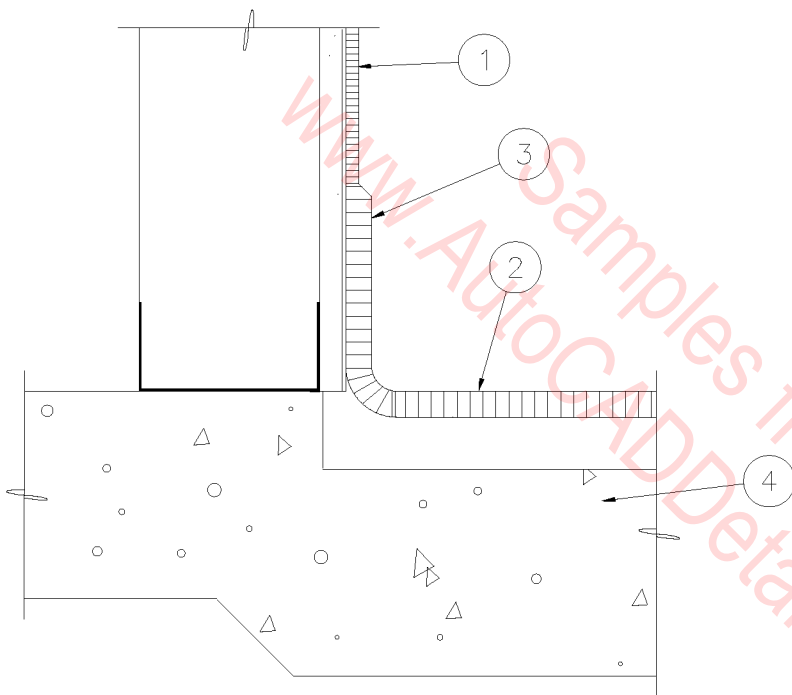
1. CERAMIC TILE BASE.
2. CERAMIC TILE FLOOR.
3. MORTAR SETTING BED.
4. MASONRY WALL.
5. 4" CONCRETE DEPRESSED SLAB.
6. CERAMIC TILE TO MASONRY WITH FLUSH JOINTS.



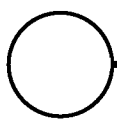
C.T. BASE AT FLOOR

1 1/2" = 1'-0"

09B-1011



1. CERAMIC WALL TILE  
THIN SET ON CEMENTITIOUS  
BACKER BOARD  
ON METAL STUDS.
2. CERAMIC FLOOR TILE  
ON MORTAR BED.
3. CERAMIC TILE BASE  
THIN SET ON CEMENTITIOUS  
BACKER BOARD.
4. DEPRESS CONCRETE  
SLAB FOR TILE AND  
MORTAR BED.

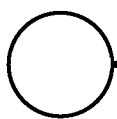
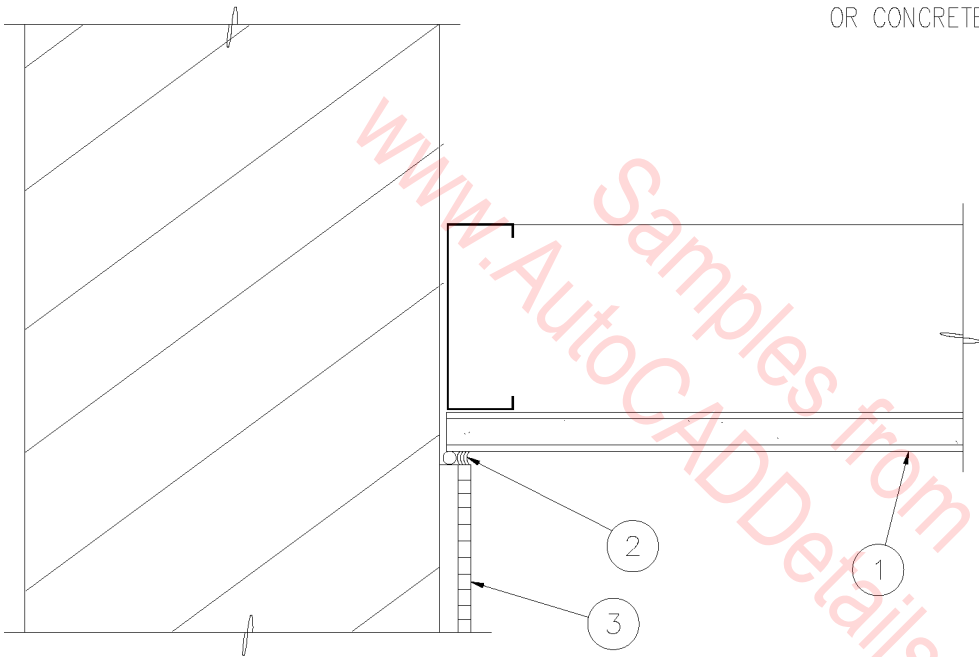


# CERAMIC TILE BASE

3" = 1'-0"

09B-1012

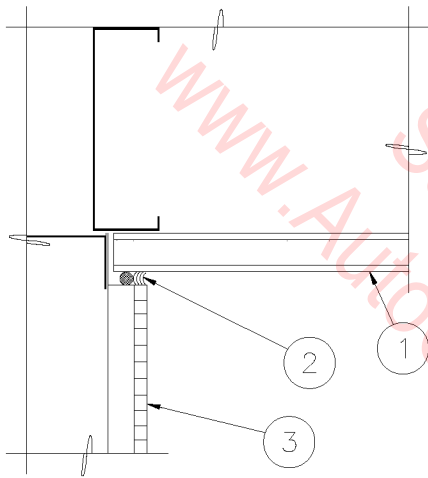
1. 5/8" GYP. BD.  
ON CEILING JOISTS  
OR SUSPENDED CEILING  
SYSTEM.
2. SEALANT ON JOINT FILLER.
3. CERAMIC TILE, THIN SET  
ON CEMENT MORTAR  
LEVELING COAT ON MASONRY  
OR CONCRETE WALL.



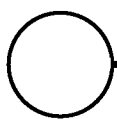
# GYPSUM BOARD CEILING

3" = 1'-0"

09B-1013



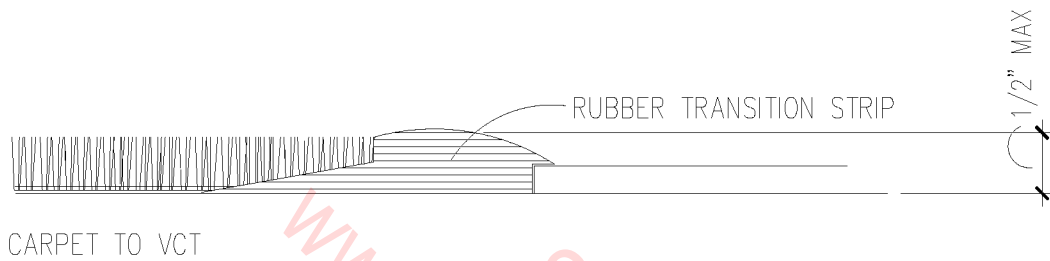
1. 5/8" GYPSUM BOARD ON CEILING JOISTS OR SUSPENDED CEILING SYSTEM.
2. SEALANT ON JOINT FILLER.
3. CERAMIC TILE, THIN SET ON GLASS MESH MORTAR UNIT ON METAL STUDS.



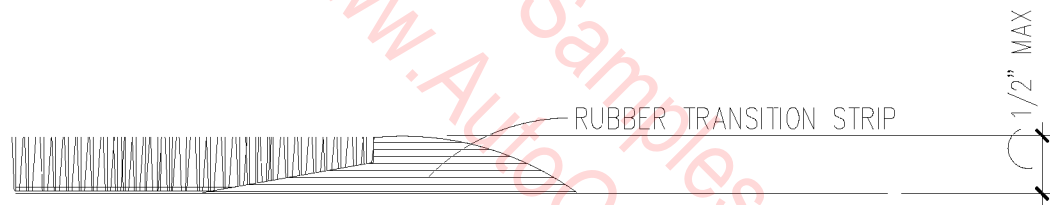
## GYPSUM BOARD CEILING

3" = 1'-0"

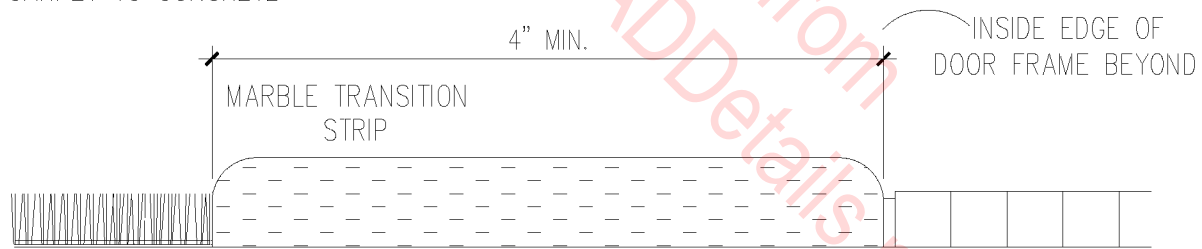
09B-1014



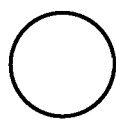
CARPET TO VCT



CARPET TO CONCRETE



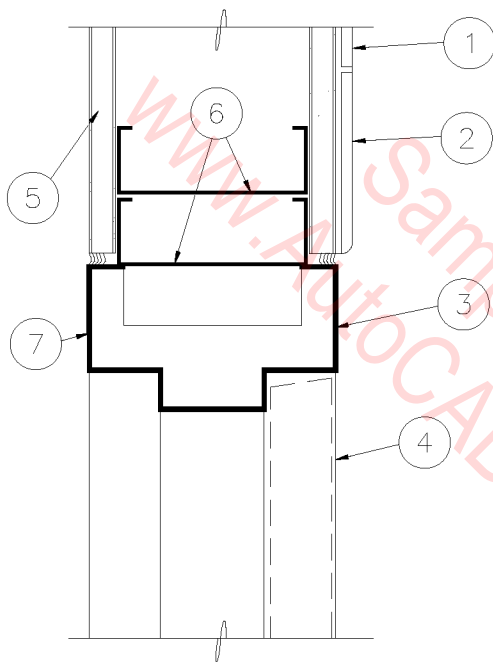
CARPET TO C.T. @ TOILET ROOMS



# FLOOR TRANSITIONS

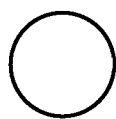
N.T.S.

09B-1015



1. THIN SET CERAMIC TILE.
2. BULLNOSE AS REQUIRED.
3. HOLLOW METAL FRAME.
4. DOOR.
5. GYPSUM BOARD.
6. DOUBLE STUDS @ JAMB.
7. STEEL STUD ANCHORS AT JAMB.

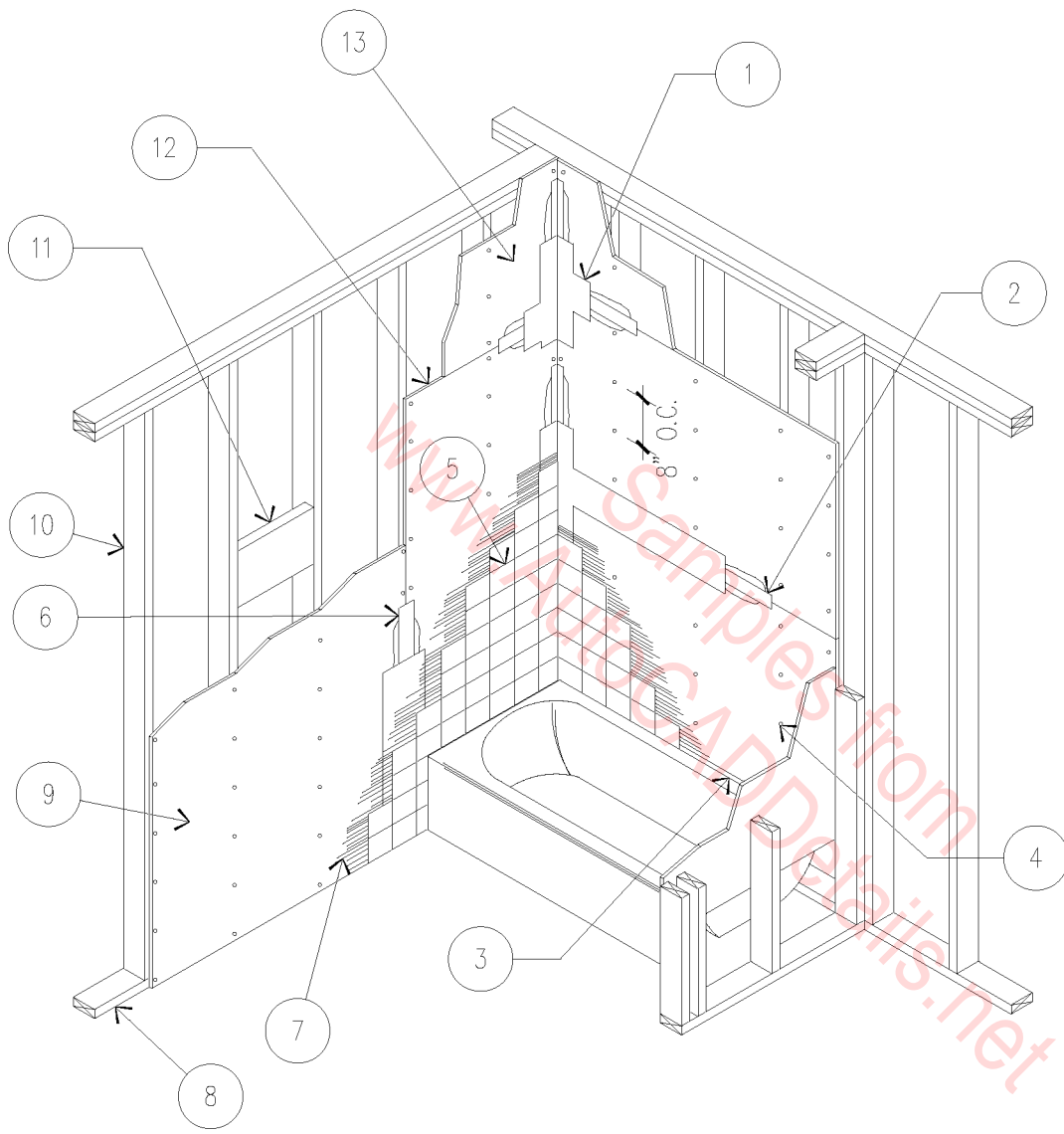
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL FRAME

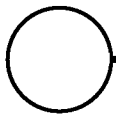
3" = 1'-0"

09B-1016



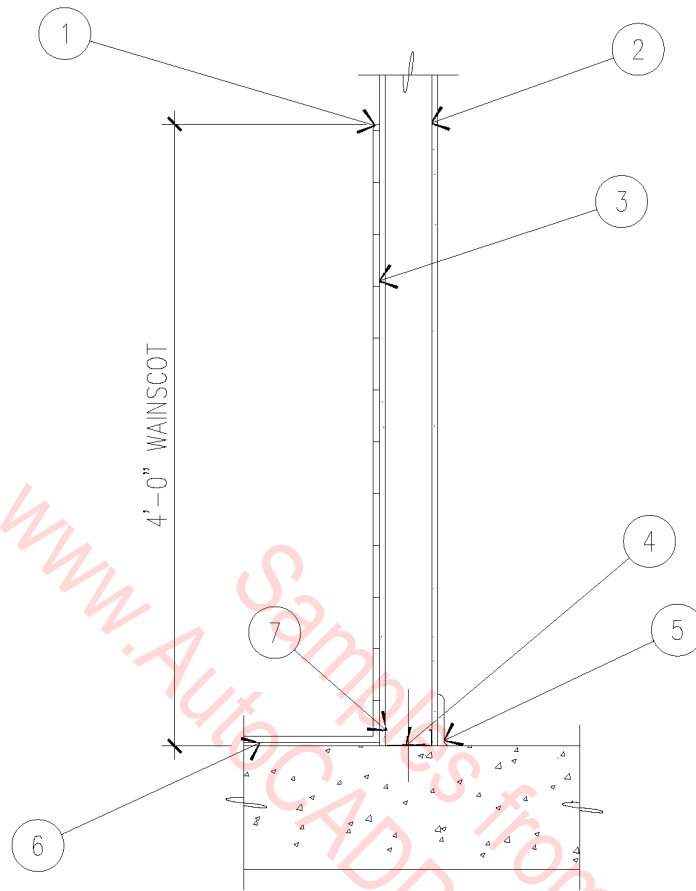
1. IN PAINTED AREAS, USE A JOINT TREATMENT SYSTEM AND SEALER FOR FINISHING CEMENTITIOUS BOARD TO CEMENTITIOUS BOARD AND CEMENTITIOUS BOARD TO GYPSUM BOARD.
2. IN TILED AREAS, TREAT CEMENTITIOUS BOARD TO CEMENTITIOUS BOARD AND CEMENTITIOUS BOARD TO GYPSUM BOARD JOINTS BY EMBEDDING CEMENTITIOUS TAPE IN TILE SETTING MATERIAL.
3. 1/4" SPACE.
4. APPROVED FASTENERS.
5. CERAMIC TILE.
6. CEMENTITIOUS TAPE.
7. SETTING MATERIAL.
8. WOOD PLATE.
9. 1/2" GYPSUM BOARD.
10. 2 X 4 WOOD STUDS @ 16" O.C.
11. SUPPORT FRAMING FOR ATTACHMENT OF FIXTURES.
12. 1/2" INTERIOR CEMENTITIOUS BOARD.
13. 1/2" GYPSUM PANEL.

# TYPICAL BATHTUB INSTALLATION

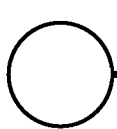


NOT TO SCALE

09B-1017



1. BULLNOSE TILE.
2. 3 5/8" X 25 GAUGE METAL STUDS AT 24" O.C.
3. CERAMIC TILE INSTALLED WITH WATER RESISTANT ORGANIC ADHESIVES ON 1/2" WATER RESISTANT GYPSUM BOARD - GROUT ALL TILE JOINTS TO PREVENT WATER PENETRATION.
4. 0.0145 Ø DRIVE PINS AT 32" O.C.
5. FINISH GYPSUM BOARD TIGHT AND NEAT TO FLOOR (TYPICAL) OR CAULK.
6. THIN-SET FLOOR CERAMIC TILE.
7. 3 5/8" BOTTOM TRACK.

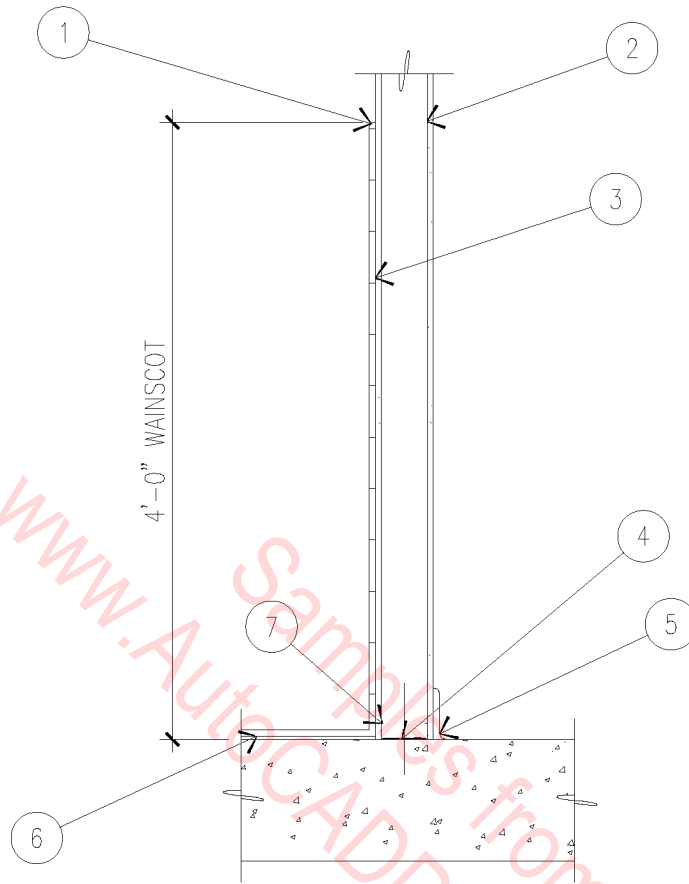


## CERAMIC TILE ON DRYWALL

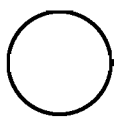
3/4" = 1'-0"

09B-1018





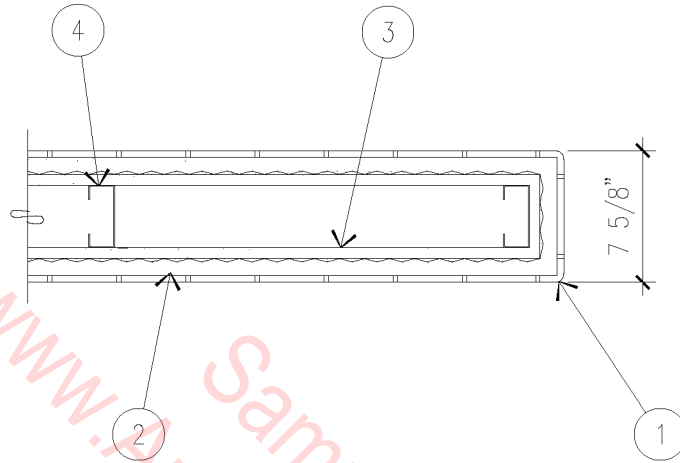
1. BULLNOSE TILE.
2. 3 5/8" X 25 GAUGE METAL STUDS AT 24" O.C.
3. CERAMIC TILE INSTALLED WITH WATER RESISTANT ORGANIC ADHESIVES ON 1/2" WATER RESISTANT GYPSUM BOARD - GROUT ALL TILE JOINTS TO PREVENT WATER PENETRATION.
4. 0.0145 Ø DRIVE PINS AT 32" O.C.
5. FINISH GYPSUM BOARD TIGHT AND NEAT TO FLOOR (TYPICAL) OR CAULK.
6. THIN-SET FLOOR CERAMIC TILE.
7. 3 5/8" BOTTOM TRACK.



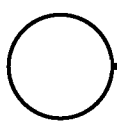
## CERAMIC TILE ON DRYWALL

3/4" = 1'-0"

09B-1018



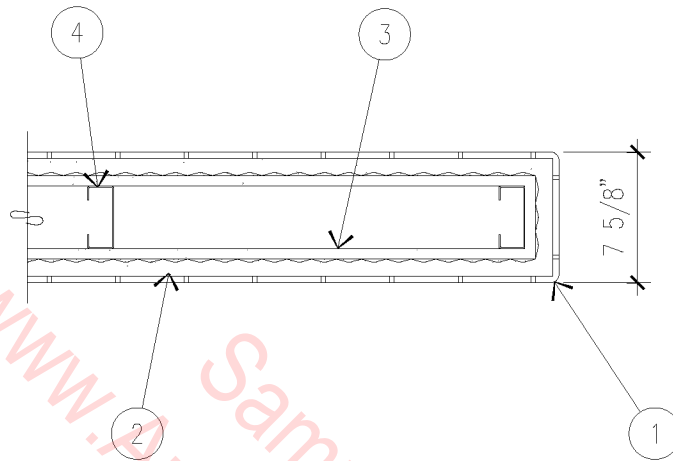
1. BULLNOSE CORNER.
2. 1" MINIMUM THICK MORTAR BED OVER METAL LATH WITH CERAMIC TILE ON BOTH SIDES.
3. 5/8" MOISTURE RESISTANT GYPSUM BOARD.
4. 3 5/8" METAL STUDS AT 24" O.C.



WING WALL

1" = 1'-0"

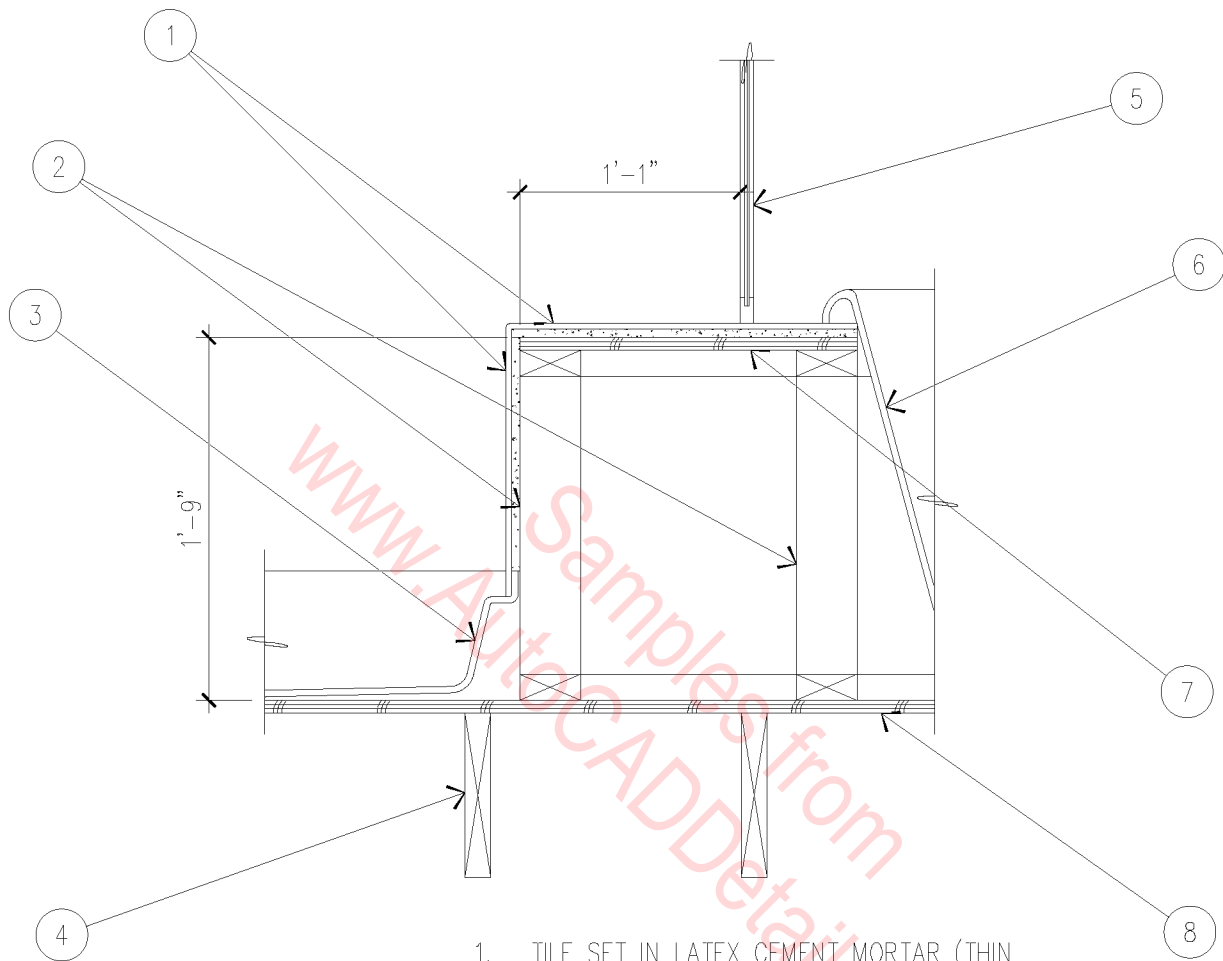
09B-1019



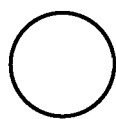
1. BULLNOSE CORNER.
2. 1" MINIMUM THICK MORTAR BED OVER METAL LATH WITH CERAMIC TILE ON BOTH SIDES.
3. 5/8" MOISTURE RESISTANT GYPSUM BOARD.
4. 3 5/8" METAL STUDS AT 24" O.C.


**WING WALL**  
 1" = 1'-0"

09B-1019



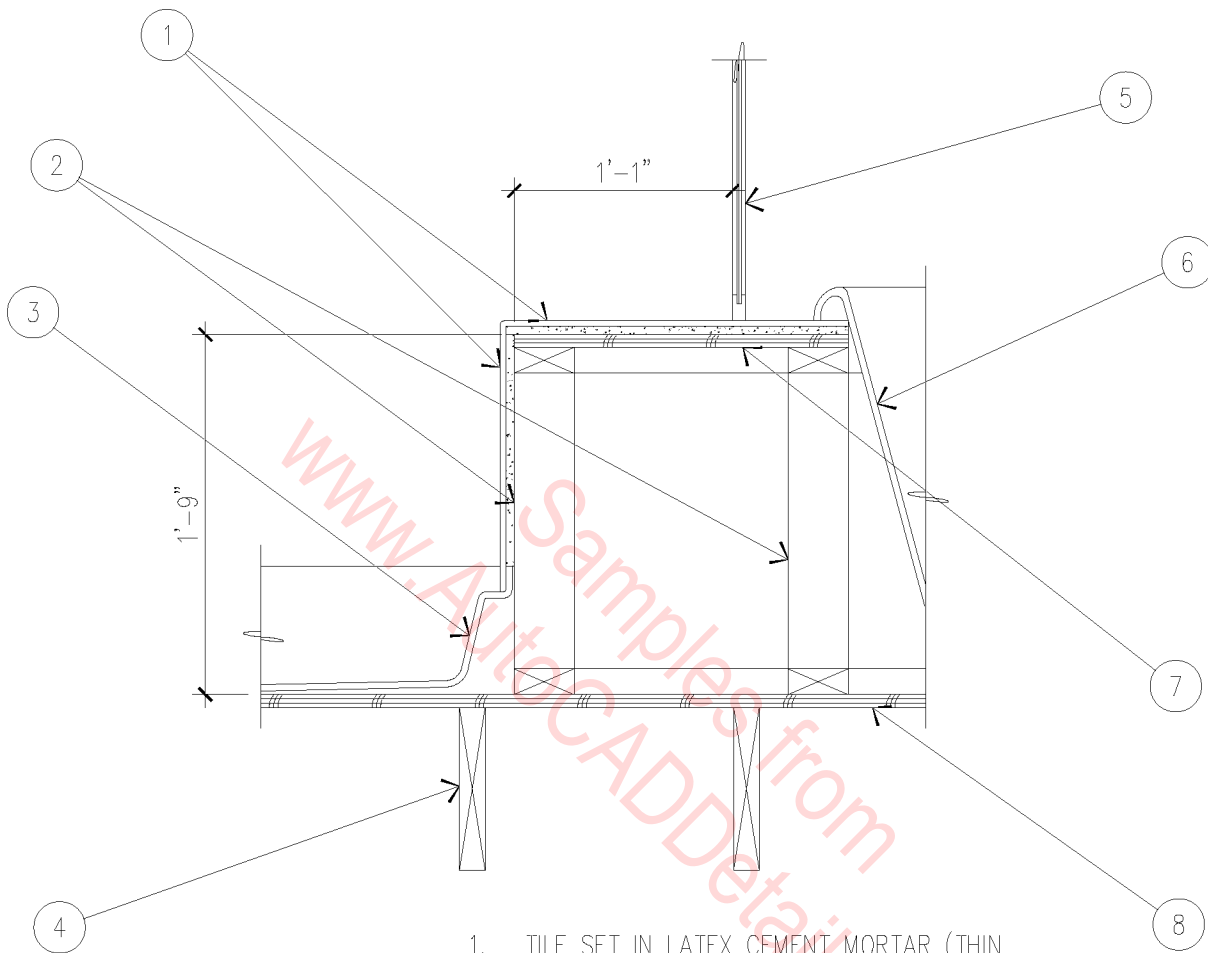
1. TILE SET IN LATEX CEMENT MORTAR (THIN SET) OVER 1/2" CEMENTITIOUS BACKER BOARD, WATER PROOF MEMBRANE, AND 3/4" EXTERIOR GRADE PLYWOOD.
2. 2 X 4 FRAMING.
3. 36" SHOWER BASE.
4. FLOOR JOISTS.
5. GLASS SHOWER ENCLOSURE.
6. TUBE.
7. 3/4" PLYWOOD.
8. 3/4" FLOOR DECK.



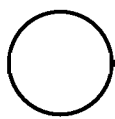
# SHOWER BENCH SEAT

1" = 1'-0"

09B-1020



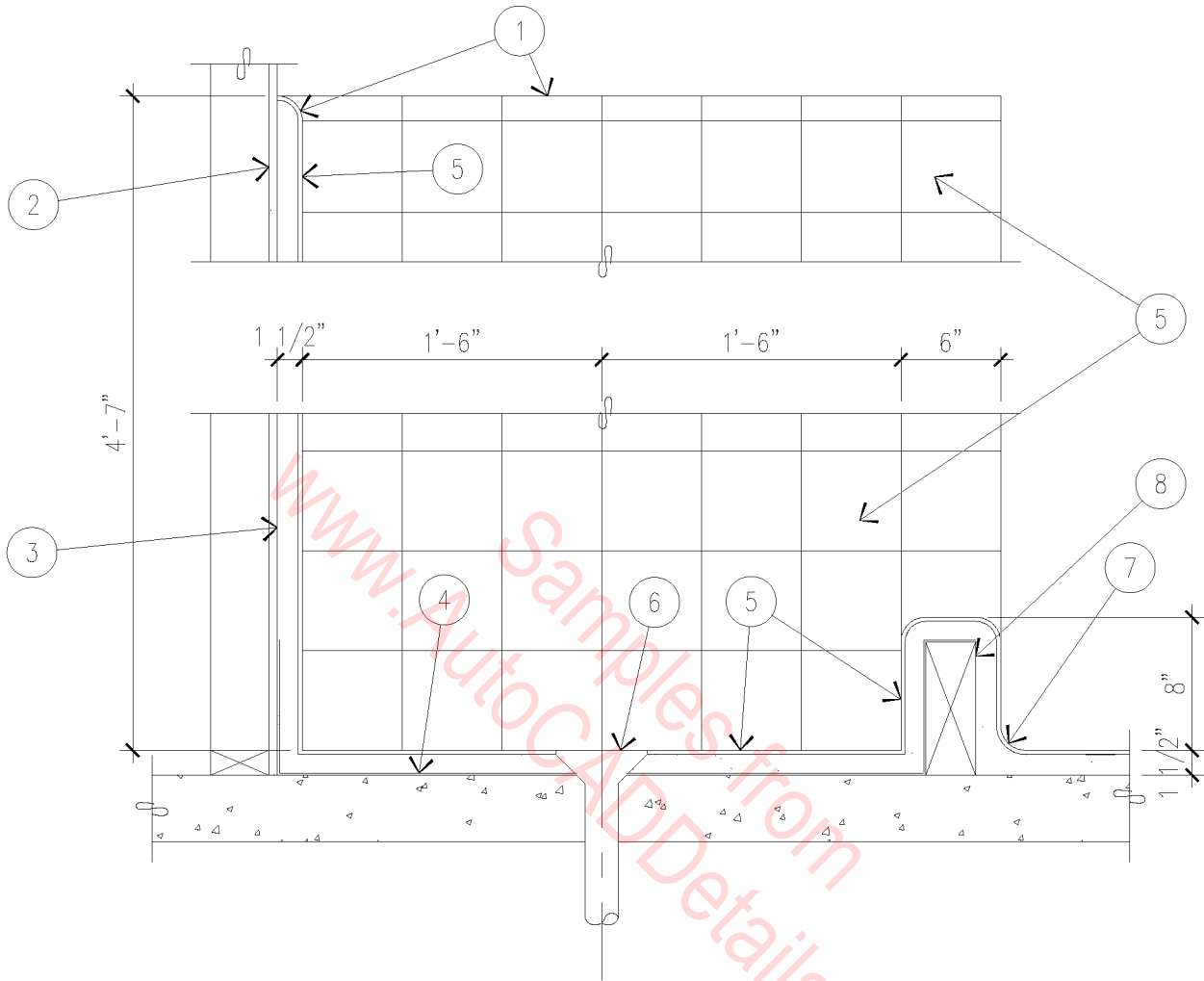
1. TILE SET IN LATEX CEMENT MORTAR (THIN SET) OVER 1/2" CEMENTITIOUS BACKER BOARD, WATER PROOF MEMBRANE, AND 3/4" EXTERIOR GRADE PLYWOOD.
2. 2 X 4 FRAMING.
3. 36" SHOWER BASE.
4. FLOOR JOISTS.
5. GLASS SHOWER ENCLOSURE.
6. TUBE.
7. 3/4" PLYWOOD.
8. 3/4" FLOOR DECK.



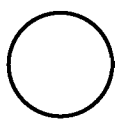
## SHOWER BENCH SEAT

1" = 1'-0"

09B-1020



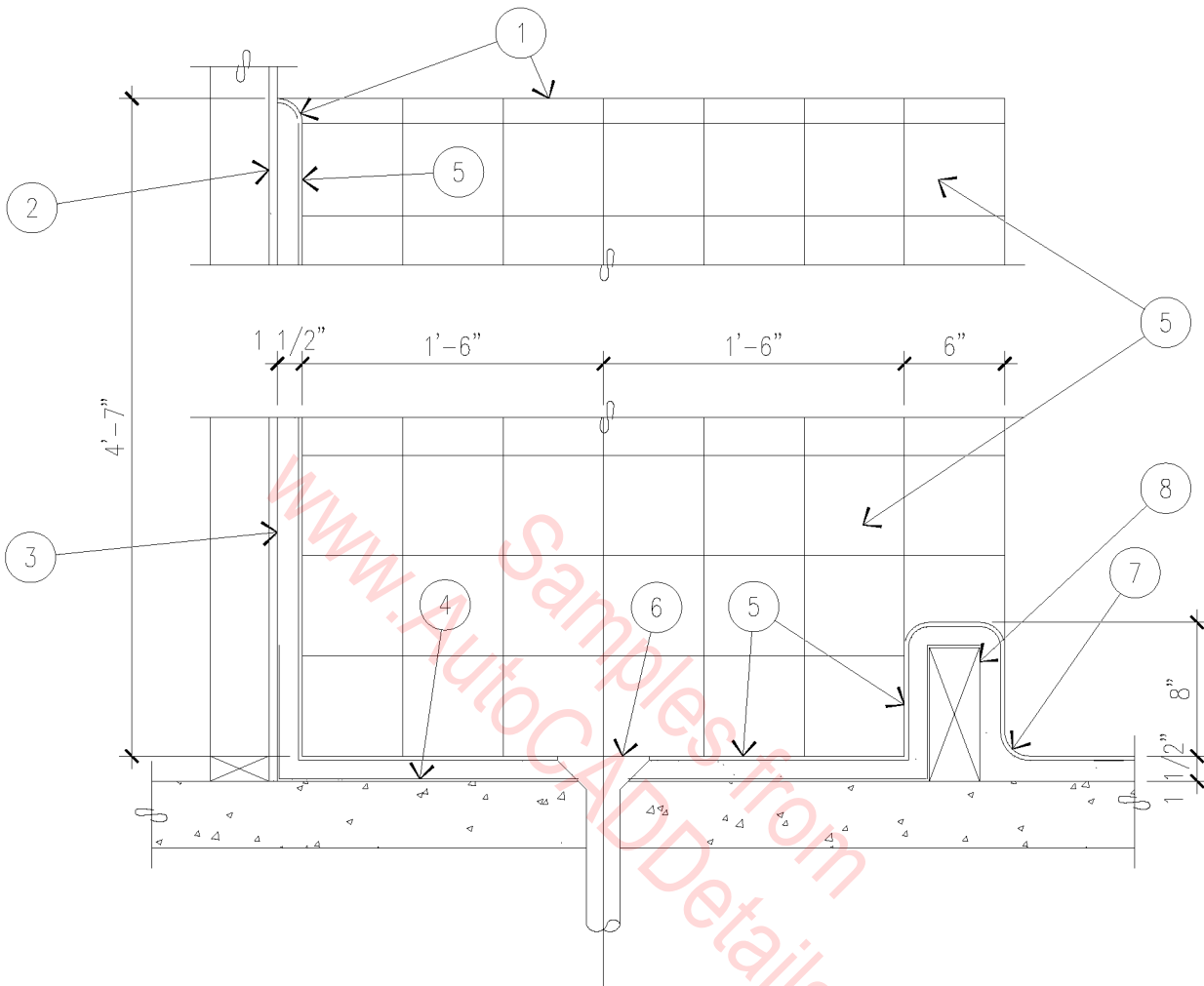
1. BULLNOSE QUARRY TILE.
2. 1/2" CEMENTITIOUS BACKER BOARD.
3. SETTING BED.
4. WATERPROOF MEMBRANE.
5. 6" X 6" QUARRY TILE.
6. FLOOR DRAIN.
7. QUARRY TILE COVE.
8. 3" WIDE BLOCK.



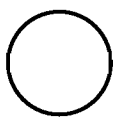
# CUSTODIAL CLOSET

1" = 1'-0"

09B-1021



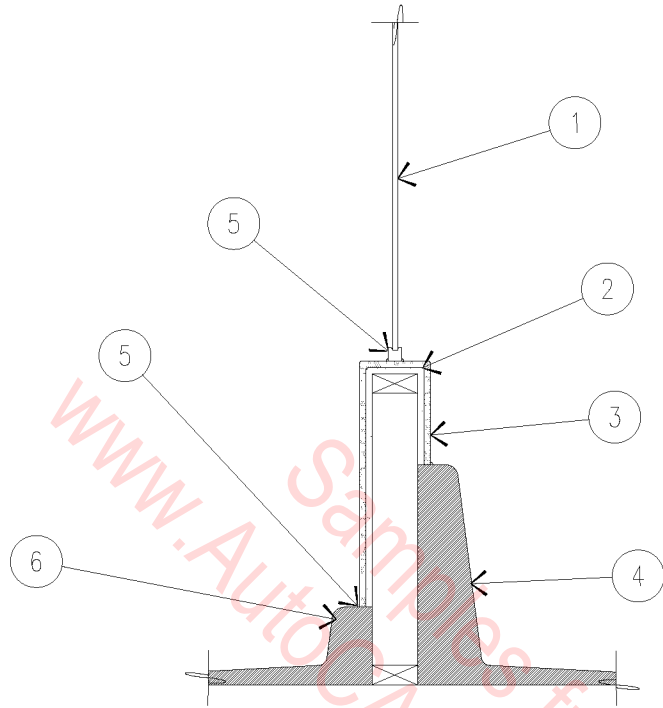
1. BULLNOSE QUARRY TILE.
2. 1/2" CEMENTITIOUS BACKER BOARD.
3. SETTING BED.
4. WATERPROOF MEMBRANE.
5. 6" X 6" QUARRY TILE.
6. FLOOR DRAIN.
7. QUARRY TILE COVE.
8. 3" WIDE BLOCK.



# CUSTODIAL CLOSET

1" = 1'-0"

09B-1021



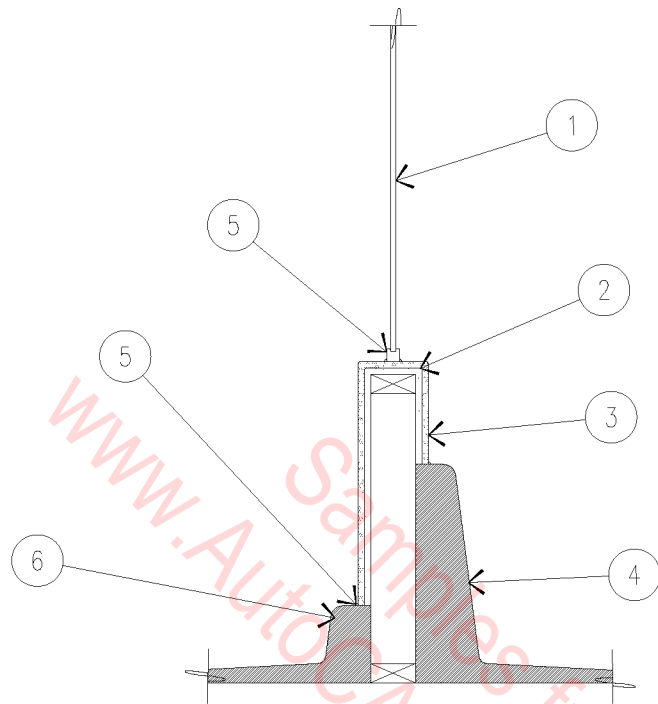
1. TEMPERED GLASS SHOWER ENCLOSURE.
2. 1/2" WATER RESISTANT GYPSUM BOARD.
3. CULTURED MARBLE.
4. TUB.
5. CAULKING.
6. SHOWER PAN.

## LOW WALL AT TUB/SHOWER

3/4" = 1'-0"

09B-1022



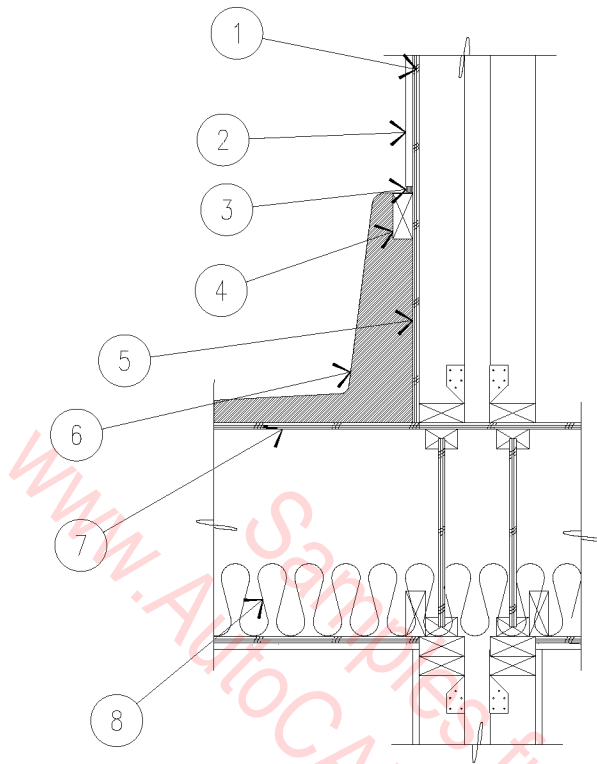


1. TEMPERED GLASS SHOWER ENCLOSURE.
2. 1/2" WATER RESISTANT GYPSUM BOARD.
3. CULTURED MARBLE.
4. TUB.
5. CAULKING.
6. SHOWER PAN.

## LOW WALL AT TUB/SHOWER

3/4" = 1'-0"

09B-1022

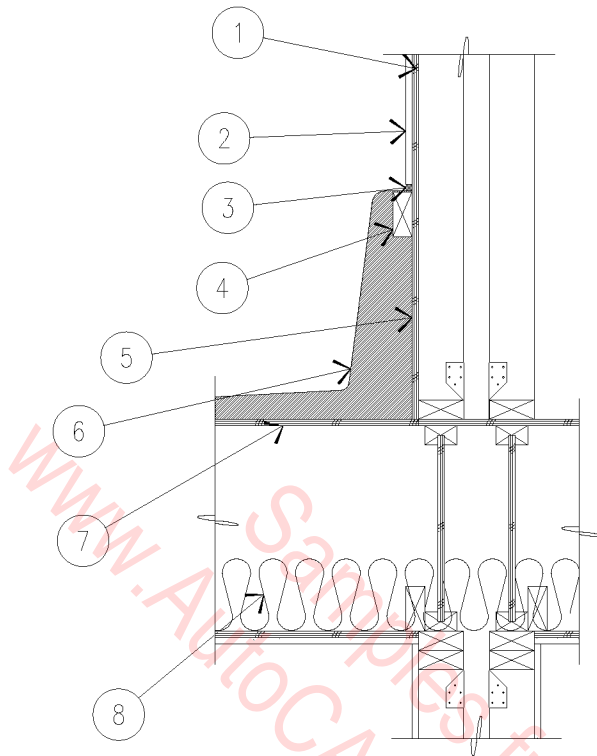


1. MOISTURE RESISTANT GYPSUM BOARD.  
(TO 70" ABOVE TUB DRAIN, MINIMUM).
2. FIBERGLASS REINFORCED PANEL.
3. SILICONE SEALANT.
4. TUB SUPPORT.
5. TYPE 'X' WATER RESISTANT GYPSUM BACKING BOARD.
6. TUB.
7. 3/4" GYP-CRETE OVER 3/4" O.S.B.
8. R-11 BATT INSULATION AT VINYL TILE LOCATIONS.

○ TUB @ PARTY WALL

3/4" = 1'-0"

09B-1023

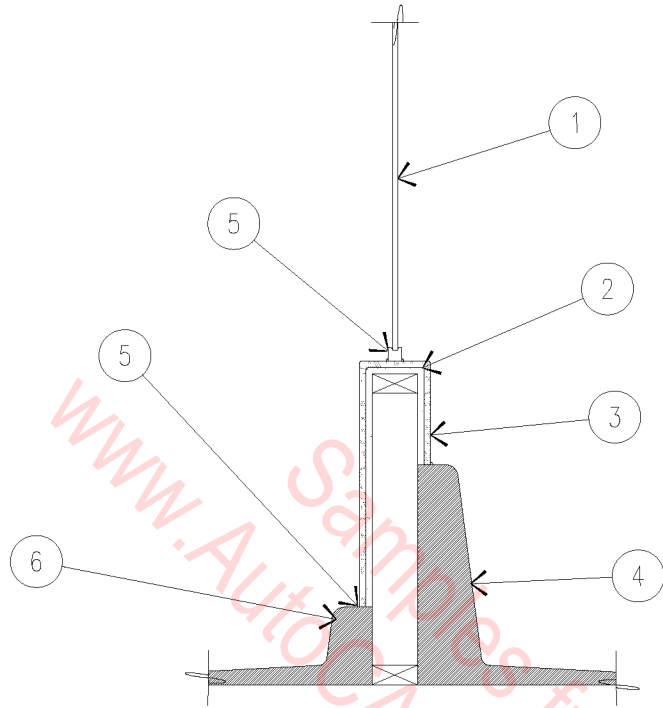


1. MOISTURE RESISTANT GYPSUM BOARD.  
(TO 70" ABOVE TUB DRAIN, MINIMUM).
2. FIBERGLASS REINFORCED PANEL.
3. SILICONE SEALANT.
4. TUB SUPPORT.
5. TYPE 'X' WATER RESISTANT GYPSUM BACKING BOARD.
6. TUB.
7. 3/4" GYP-CRETE OVER 3/4" O.S.B.
8. R-11 BATT INSULATION AT VINYL TILE LOCATIONS.

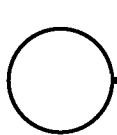
○ TUB @ PARTY WALL

3/4" = 1'-0"

09B-1023



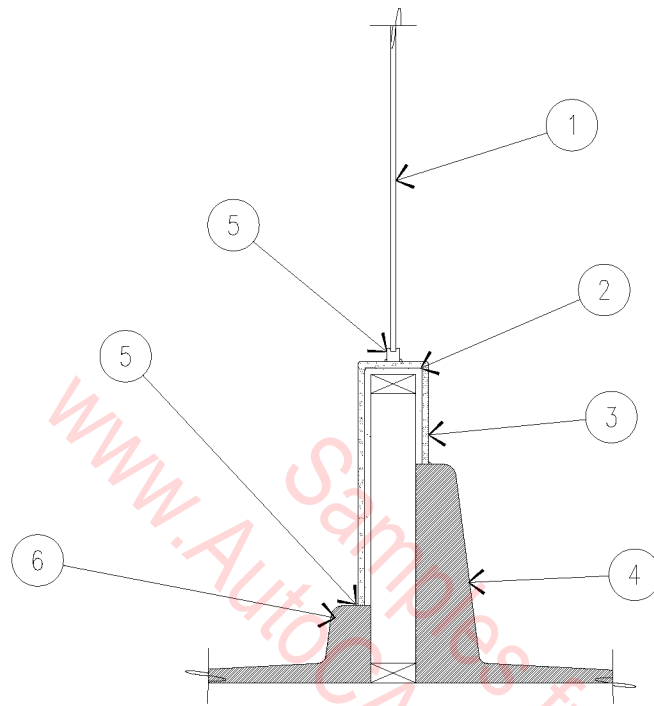
1. TEMPERED GLASS SHOWER ENCLOSURE.
2. 1/2" WATER RESISTANT GYPSUM BOARD.
3. TILE - SEE SPECIFICATIONS.
4. TUB.
5. CAULKING.
6. SHOWER PAN.



LOW WALL @ TUB/SHOWER

3/4" = 1'-0"

09B-1024



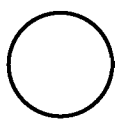
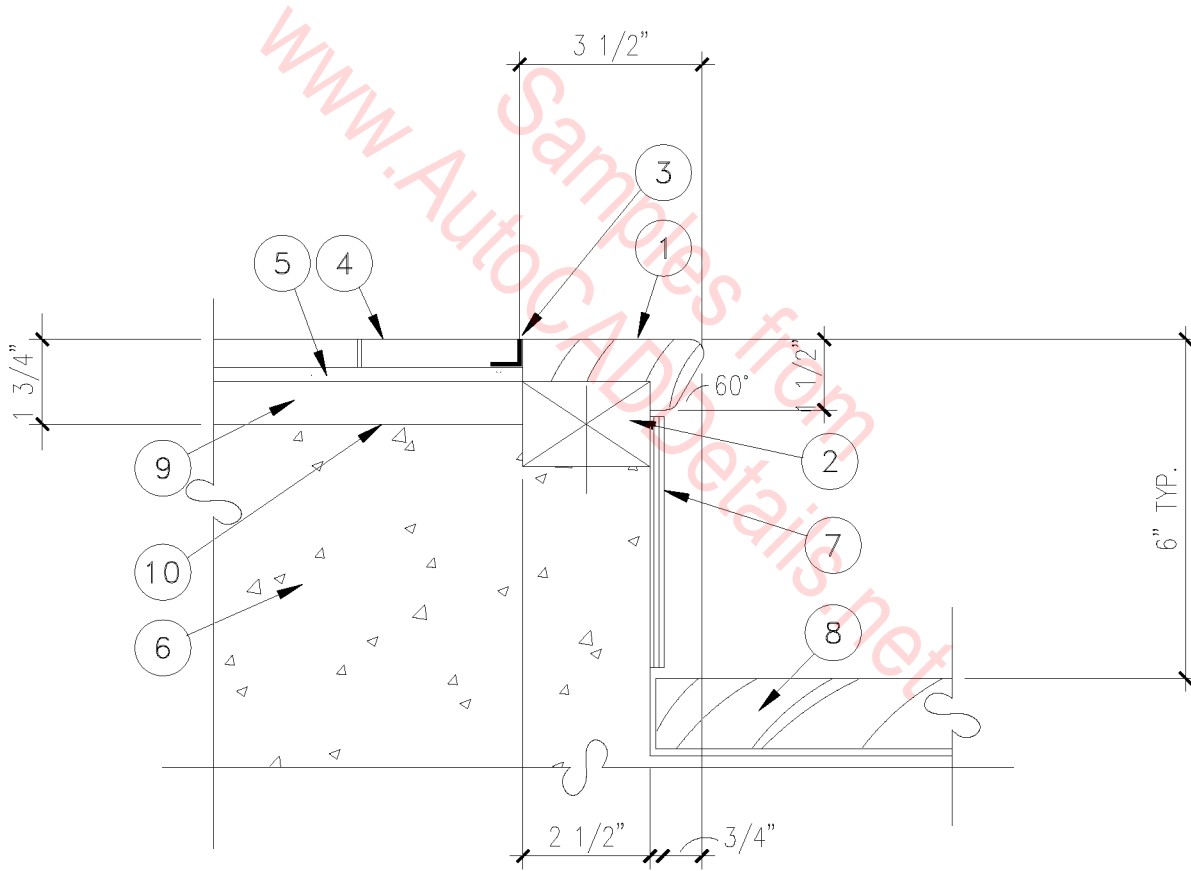
1. TEMPERED GLASS SHOWER ENCLOSURE.
2. 1/2" WATER RESISTANT GYPSUM BOARD.
3. TILE - SEE SPECIFICATIONS.
4. TUB.
5. CAULKING.
6. SHOWER PAN.

○
LOW WALL @ TUB/SHOWER

3/4" = 1'-0"

09B-1024

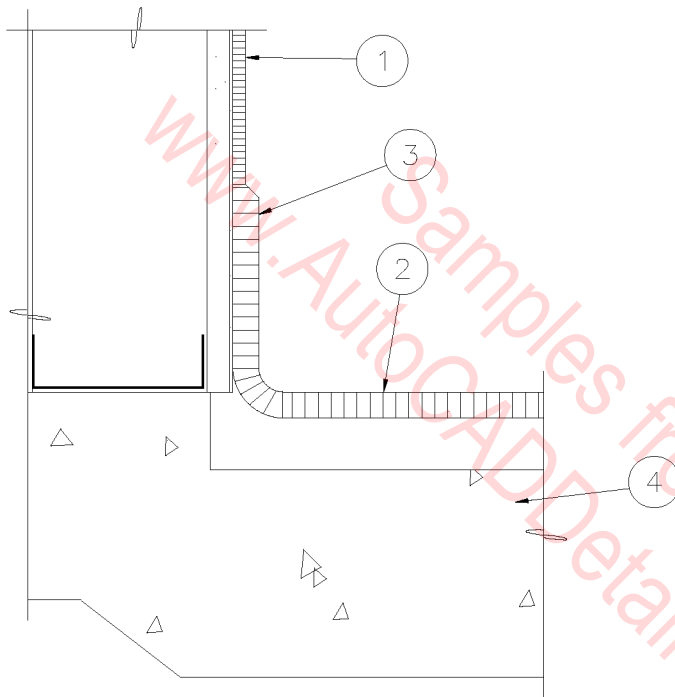
1. 1 1/2" MAPLE BULLNOSE.
2. 2" X 3" CONTINUOUS EMBED.
3. 1/2" HIGH BRASS TRIM.
4. FLOOR TILE.
5. THIN SET MORTAR BED.
6. CONCRETE SLAB.
7. 1/4" MAPLE PLYWOOD RISER.
8. 1 1/8" X MAPLE BULLNOSED TREAD  
ADHERE TO CONCRETE.
9. GROUT BUILD-UP.
10. TOP OF CONCRETE SLAB.



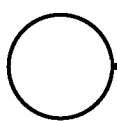
## STAIR NOSING

3" = 1'-0"

09B-3001



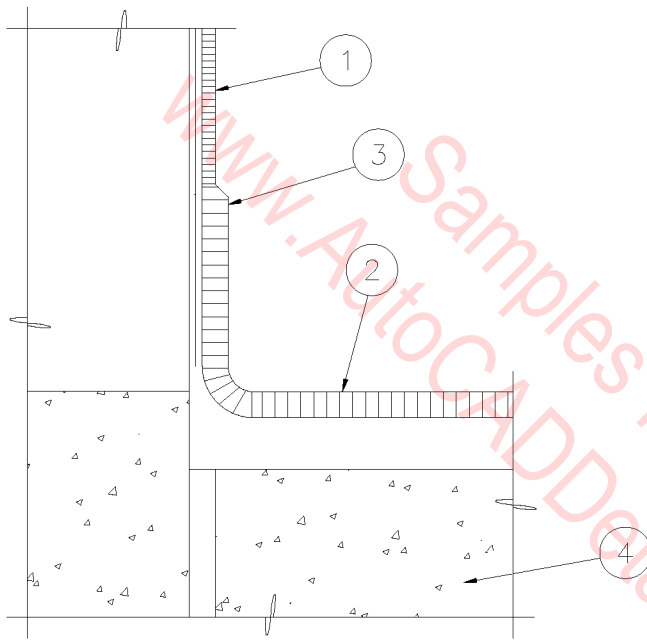
1. CERAMIC WALL TILE THIN SET ON GLASS MESH MORTAR UNITS ON METAL STUDS.
2. CERAMIC FLOOR TILE ON MORTAR BED.
3. CERAMIC TILE BASE THIN SET ON GLASS MESH MORTAR UNITS.
4. DEPRESS CONCRETE SLAB FOR TILE AND MORTAR BED.



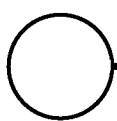
## CERAMIC TILE BASE

3" = 1'-0"

09B-8001



1. CERAMIC WALL TILE  
THIN SET ON CEMENT  
MORTAR LEVELING COAT  
ON CONCRETE OR CMU.
2. CERAMIC FLOOR TILE  
ON MORTAR BED.
3. CERAMIC TILE BASE  
THIN SET ON CEMENT  
MORTAR LEVELING COAT  
ON CONCRETE OR CMU.
4. DEPRESS CONCRETE  
SLAB FOR TILE AND  
MORTAR BED.

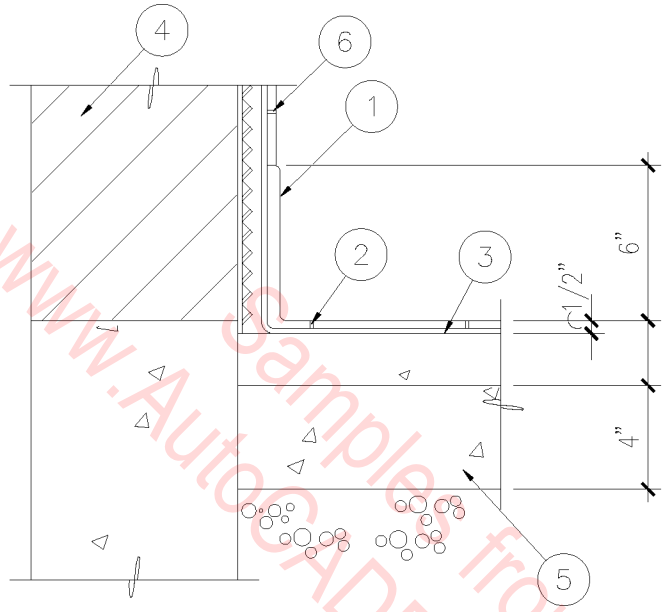


## CERAMIC TILE BASE

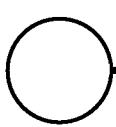
3" = 1'-0"

09B-8002





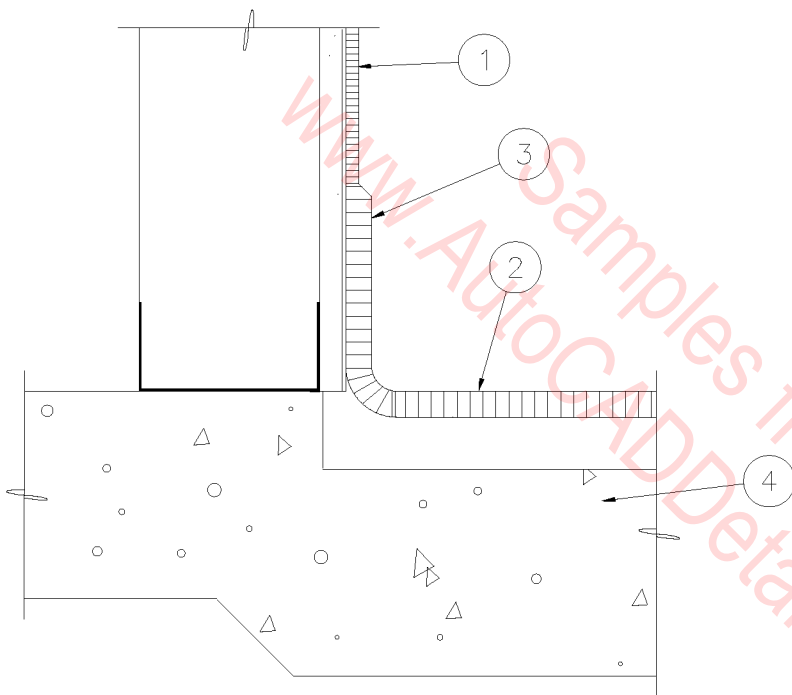
1. CERAMIC TILE BASE.
2. CERAMIC TILE FLOOR.
3. MORTAR SETTING BED.
4. MASONRY WALL.
5. 4" CONCRETE DEPRESSED SLAB.
6. CERAMIC TILE TO MASONRY WITH FLUSH JOINTS.



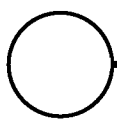
C.T. BASE AT FLOOR

1 1/2" = 1'-0"

09B-8003



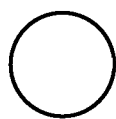
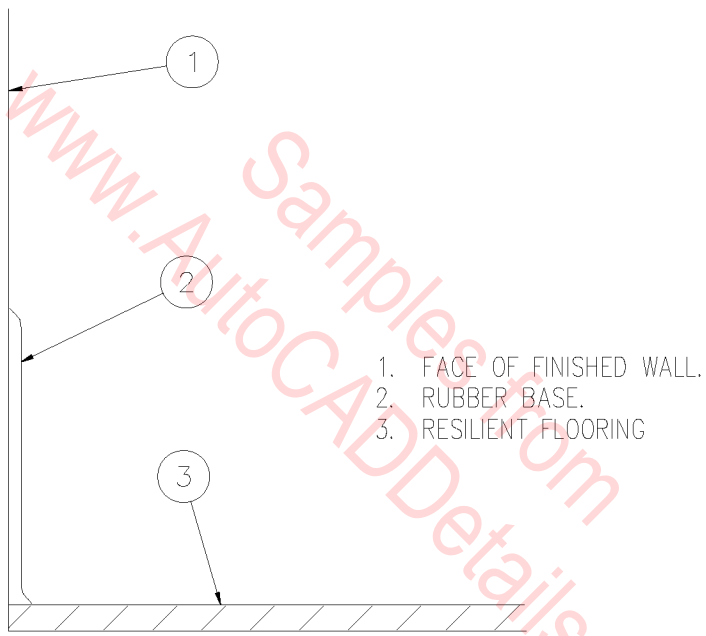
1. CERAMIC WALL TILE  
THIN SET ON CEMENTITIOUS  
BACKER BOARD  
ON METAL STUDS.
2. CERAMIC FLOOR TILE  
ON MORTAR BED.
3. CERAMIC TILE BASE  
THIN SET ON CEMENTITIOUS  
BACKER BOARD.
4. DEPRESS CONCRETE  
SLAB FOR TILE AND  
MORTAR BED.



## CERAMIC TILE BASE

3" = 1'-0"

09B-8004

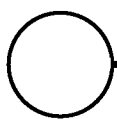
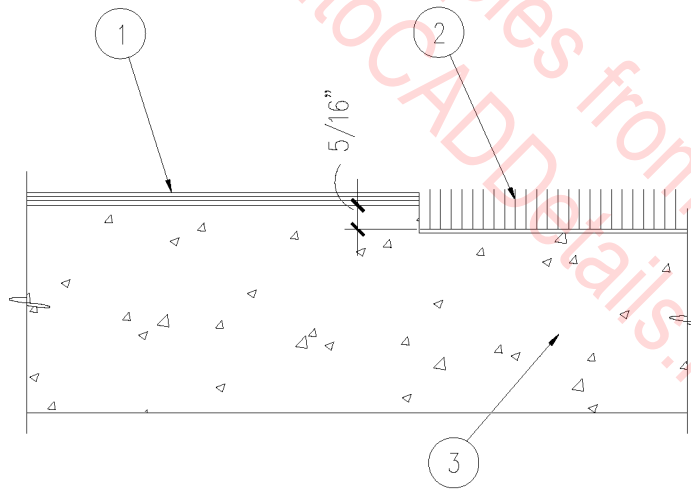


# RUBBER BASE

1" = 1'-0"

09B-8005

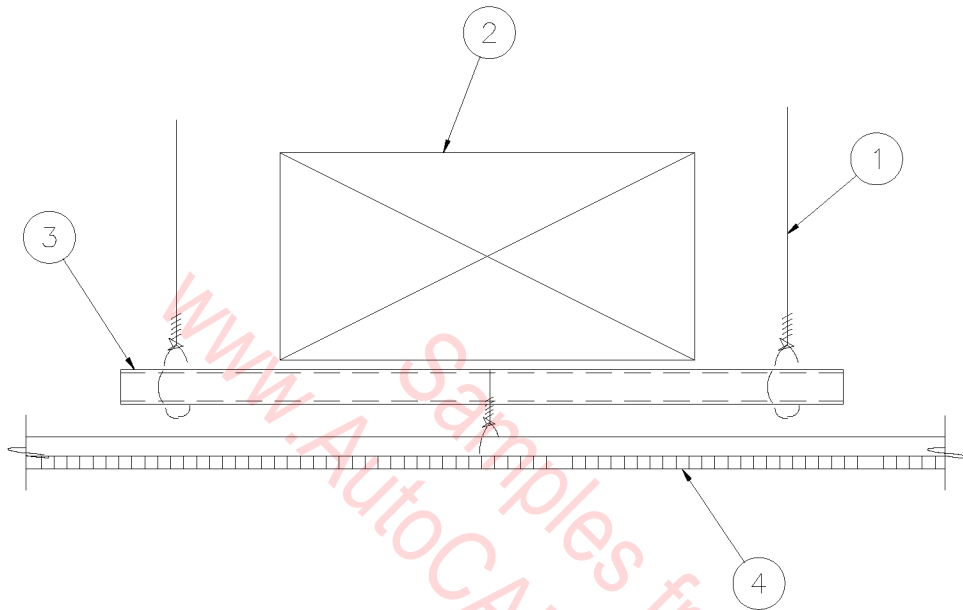
1. VCT FLOORING.
2. RUBBER MAT FLOORING.
3. CONCRETE SLAB.



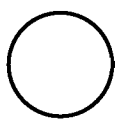
RECESSED RUBBER MAT

3" = 1'-0"

09B-8006



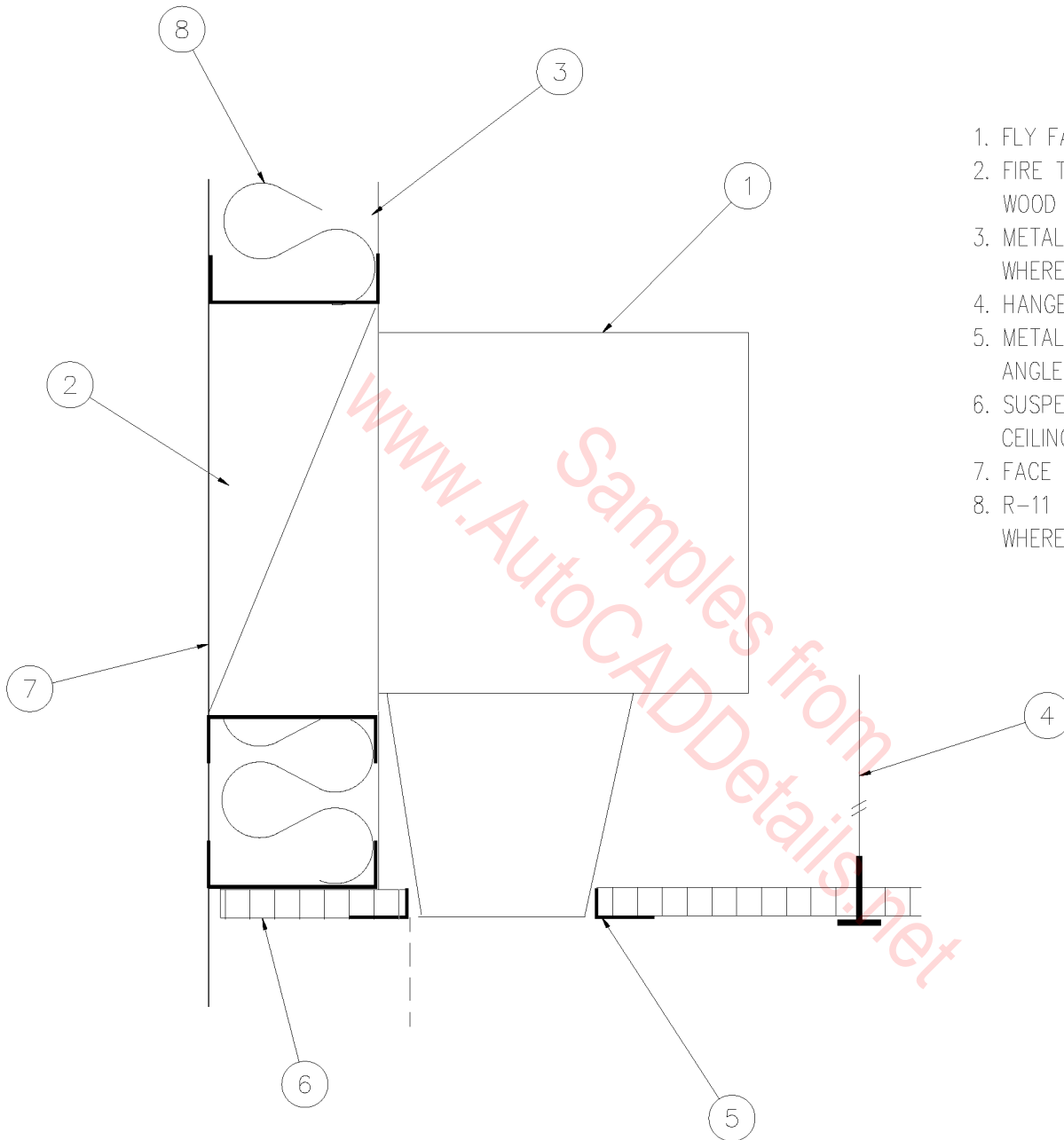
1. HANGER WIRE.
2. DUCT.
3. CHANNEL, SIZE AS  
REQUIRED BY SPAN.
4. SUSPENDED CEILING.



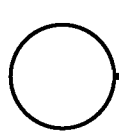
# CEILING @ DUCT

3" = 1'-0"

09B-5001



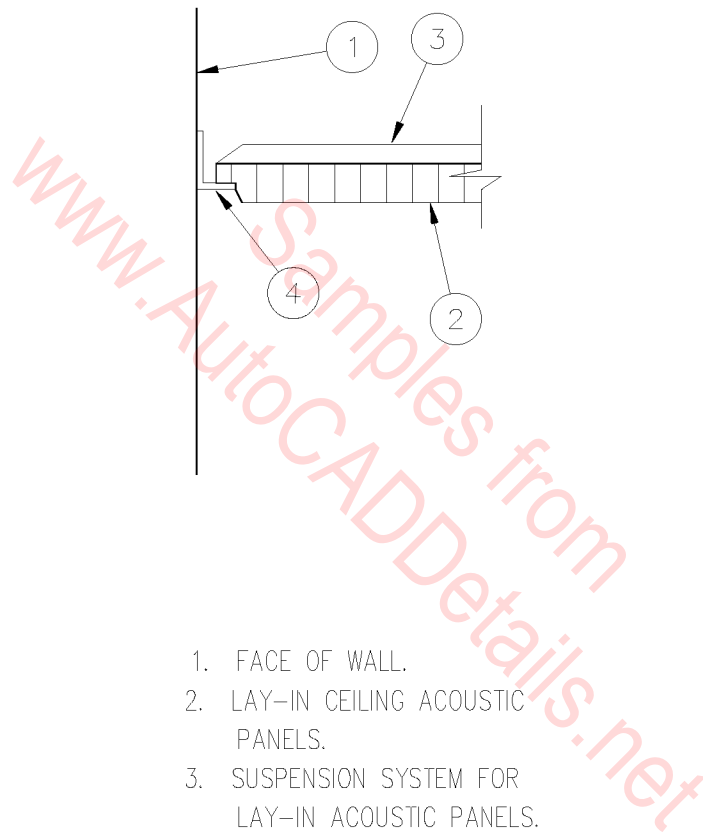
1. FLY FAN.
2. FIRE TREATED WOOD BLOCKING.
3. METAL STUDS AT 16" O.C. WHERE APPLICABLE.
4. HANGER WIRE.
5. METAL CASING OR WALL ANGLE WHERE APPLICABLE.
6. SUSPENDED ACOUSTIC TILE CEILING.
7. FACE OF WALL.
8. R-11 BATT INSULATION WHERE APPLICABLE.



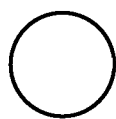
FLY FAN AT SUSP. CLG.

3" = 1'-0"

09B-5002



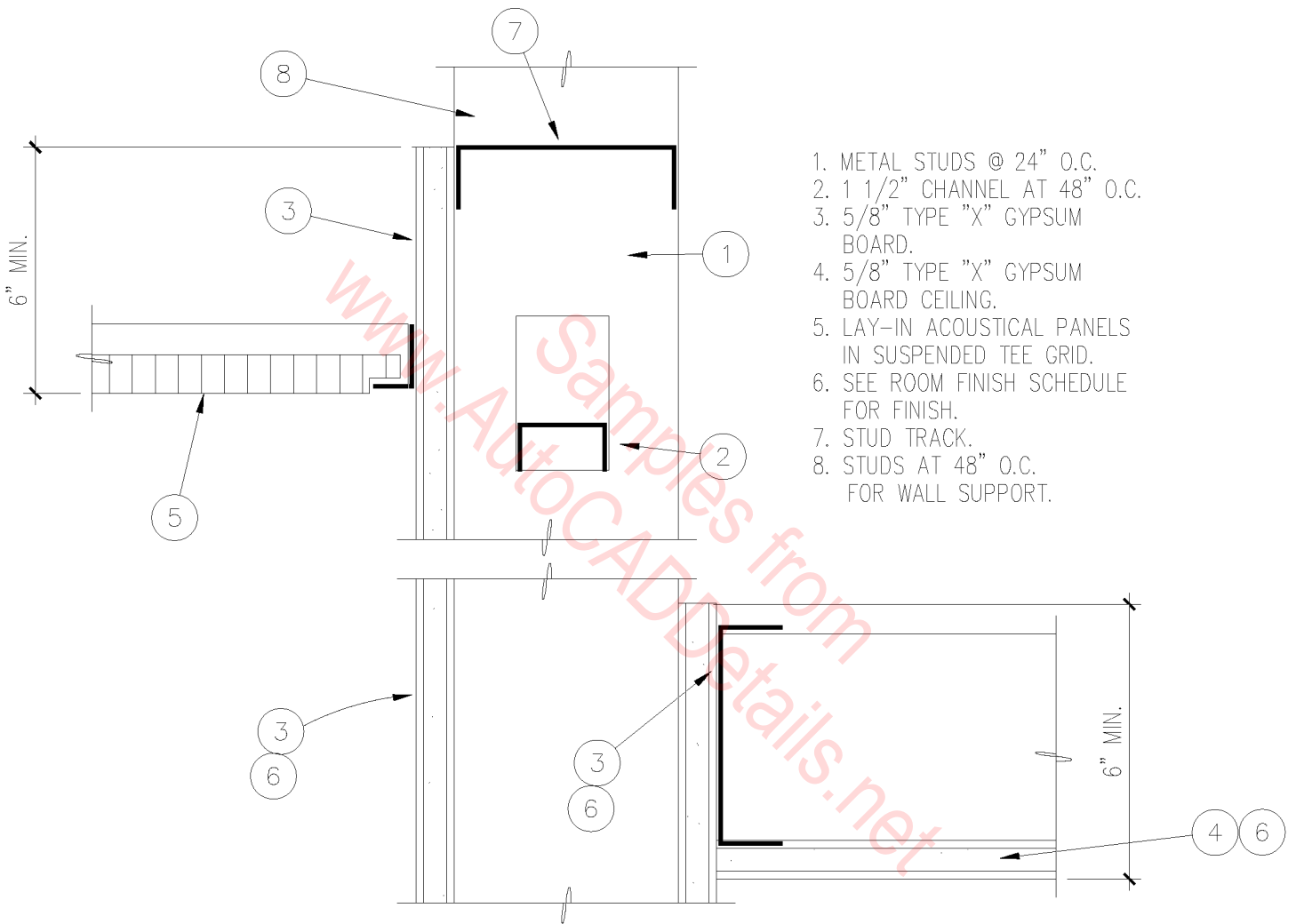
1. FACE OF WALL.
2. LAY-IN CEILING ACOUSTIC PANELS.
3. SUSPENSION SYSTEM FOR LAY-IN ACOUSTIC PANELS.
4. WALL ANGLE.



## SUSP. CEILING AT WALL

3" = 1'-0"

09B-5003

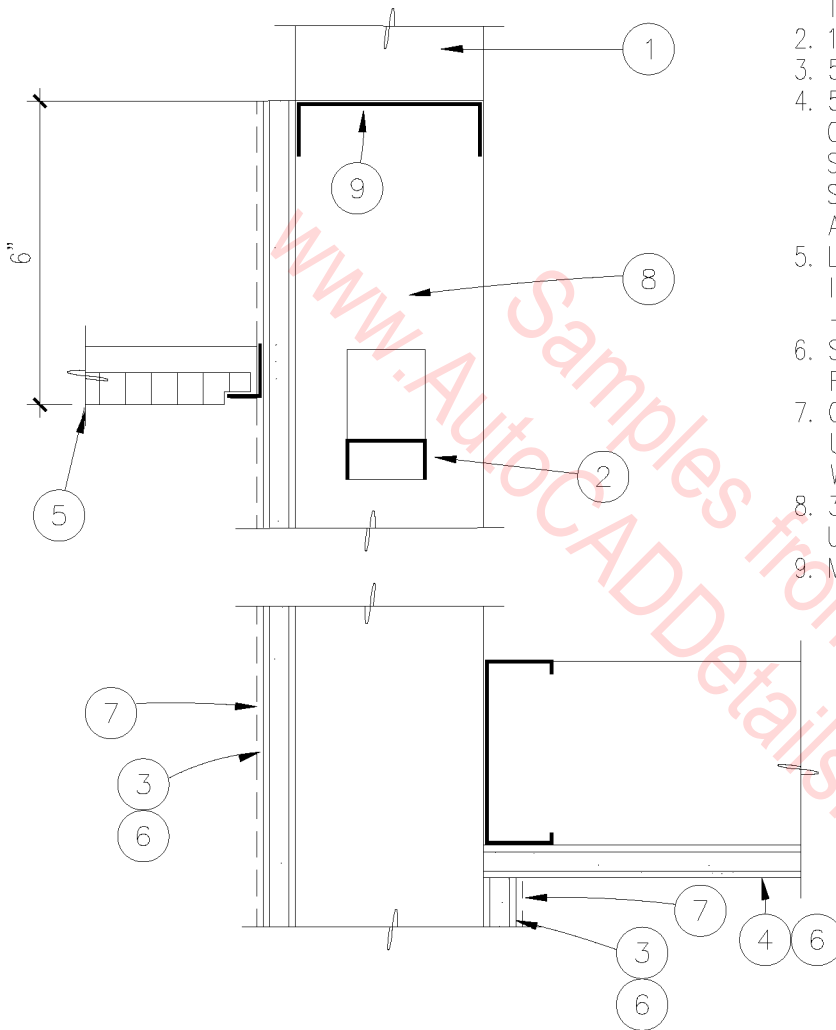


1. METAL STUDS @ 24" O.C.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE "X" GYPSUM BOARD CEILING.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. STUD TRACK.
8. STUDS AT 48" O.C. FOR WALL SUPPORT.

○ CEILING AT WALL  
 3" = 1'-0"

09B-5004



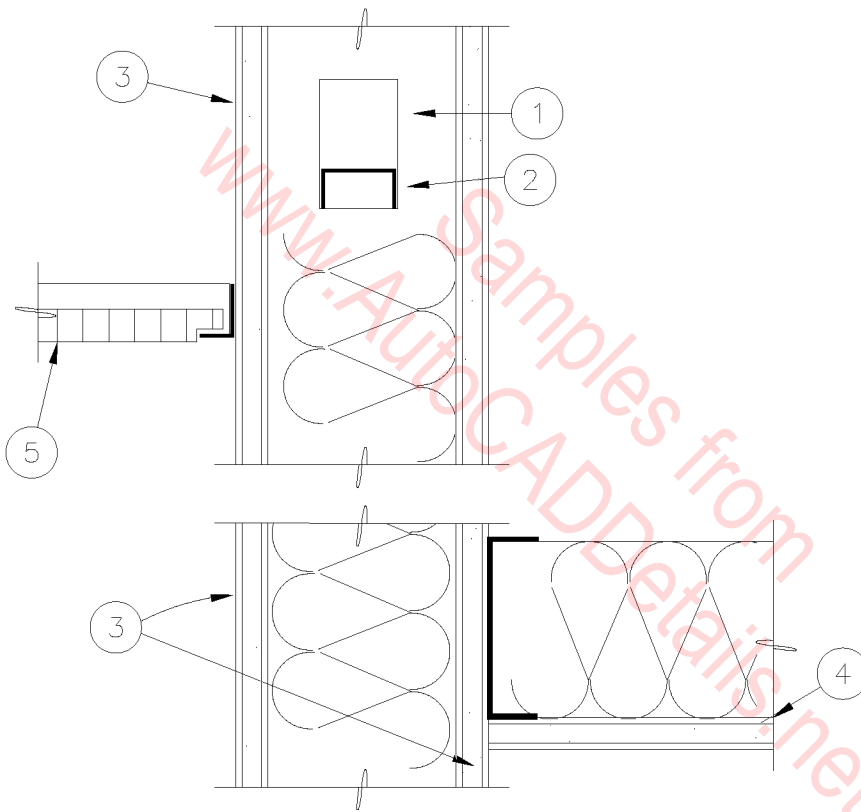


1. 3-5/8" METAL STUDS AT 48" O.C. TO ROOF DECK, WALL BRACE.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE X GYPSUM WALLBOARD ON METAL STUDS (CEILING JOISTS) SEE SPECIFICATIONS FOR SIZE, SPACING & GAUGE WHERE APPLICABLE.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID -WHERE APPLICABLE.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. CERAMIC TILE ON GLASS MESH MORTAR UNITS, IN LIEU OF GYPSUM BOARD WHERE APPLICABLE.
8. 3-5/8" METAL STUDS AT 24" O.C. UNLESS NOTED OTHERWISE.
9. METAL CEILING RUNNER.


 CEILING AT WALL  
 3" = 1'-0"

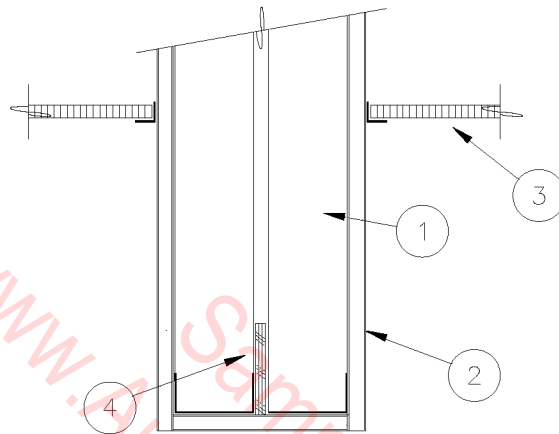
09B-5005

1. METAL STUDS @ 24" O.C.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD WHERE APPLICABLE.
4. 5/8" TYPE "X" GYPSUM BOARD CEILING WHERE APPLICABLE.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID -WHERE APPLICABLE.

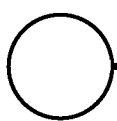



 CEILING AT WALL  
 3" = 1'-0"

09B-5006



1. 3-5/8" METAL STUDS @ 24" O.C.
2. 5/8" GYP. BOARD.
3. ACOUSTICAL CEILING TILE.
4. PLYWOOD BLOCKING.

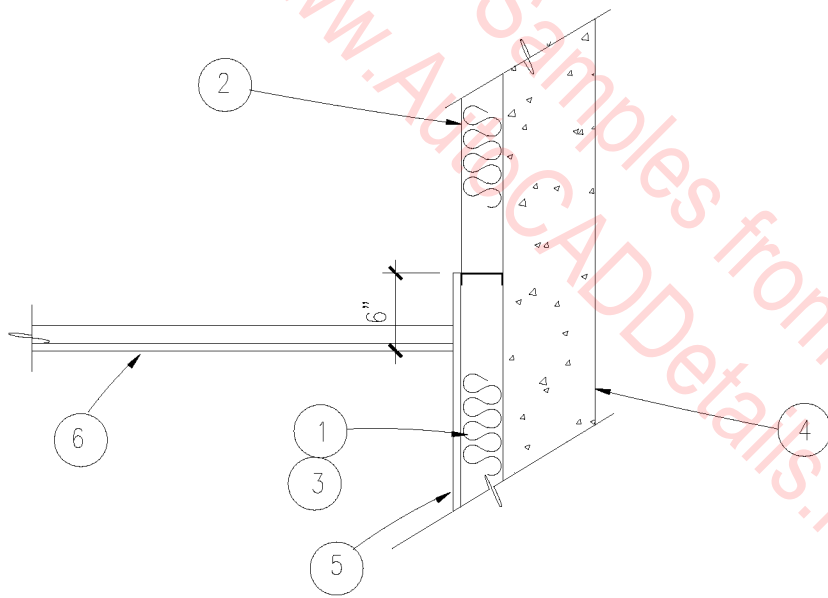


## CEILING TRANSITION

1" = 1'-0"

09B-5007

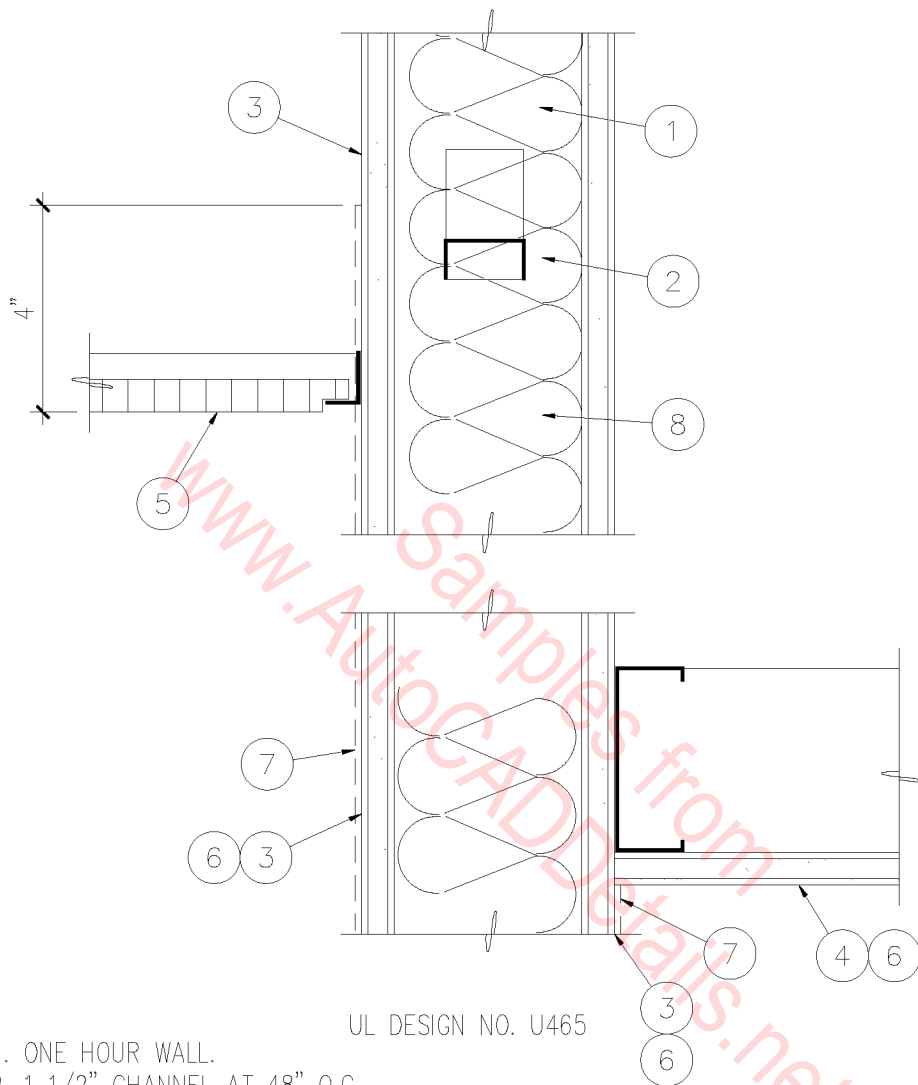
1. 3-5/8" METAL STUDS AT 16" O.C.
2. RUN STUDS AND INSULATION TO ROOF DECK AT EXTERIOR WALL.
3. R-11 BATT INSULATION.
4. CONCRETE WALL.
5. SEE ROOM FINISH SCHEDULE FOR WALL MATERIAL AND FINISH.
6. SEE ROOM FINISH SCHEDULE FOR CEILING MATERIAL, FINISH & HEIGHT.



○ FURRED EXTERIOR WALL

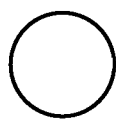
3/4" = 1'-0"

09B-5008



UL DESIGN NO. U465

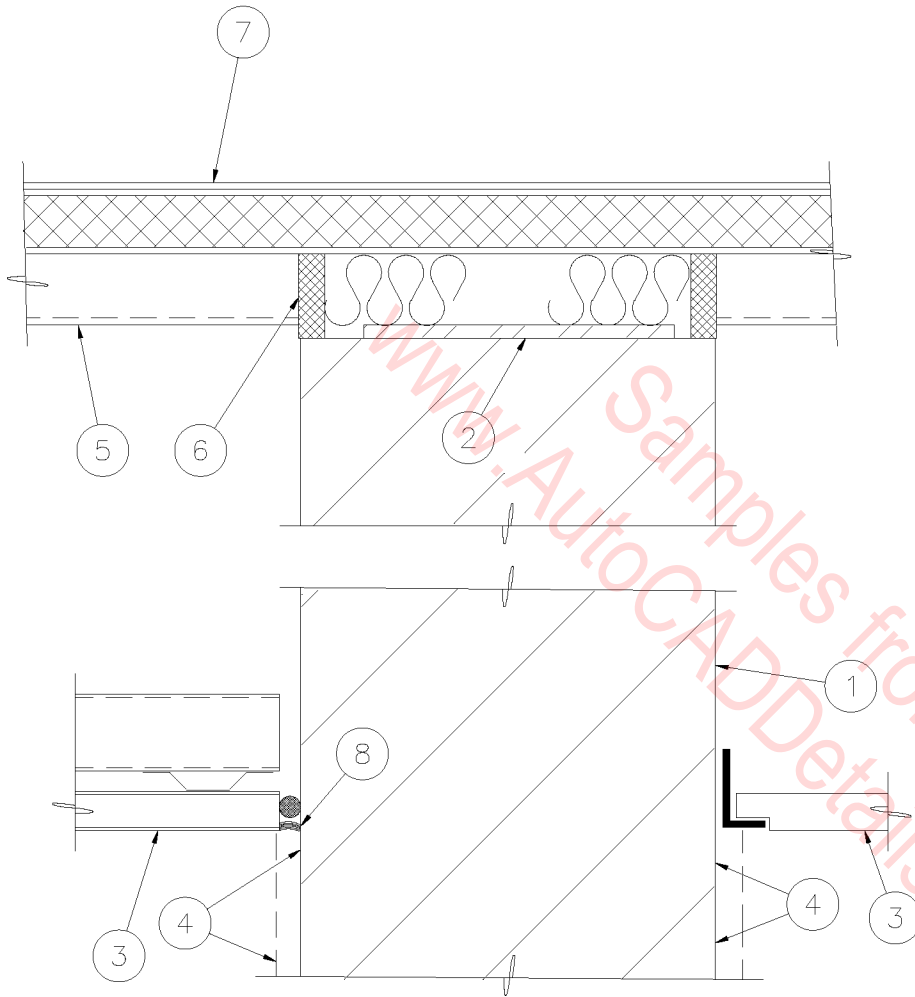
1. ONE HOUR WALL.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE "X" GYPSUM BOARD ON METAL STUDS (CEILING JOISTS).
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID - WHERE APPLICABLE.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. CERAMIC TILE ON GLASS MESH MORTAR UNITS, IN LIEU OF GYPSUM BOARD WHERE APPLICABLE.
8. 3-5/8" METAL STUDS UNLESS NOTED OTHERWISE.



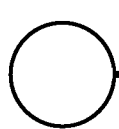
## CEILING AT 1 HR. WALL

3" = 1'-0"

09B-5009



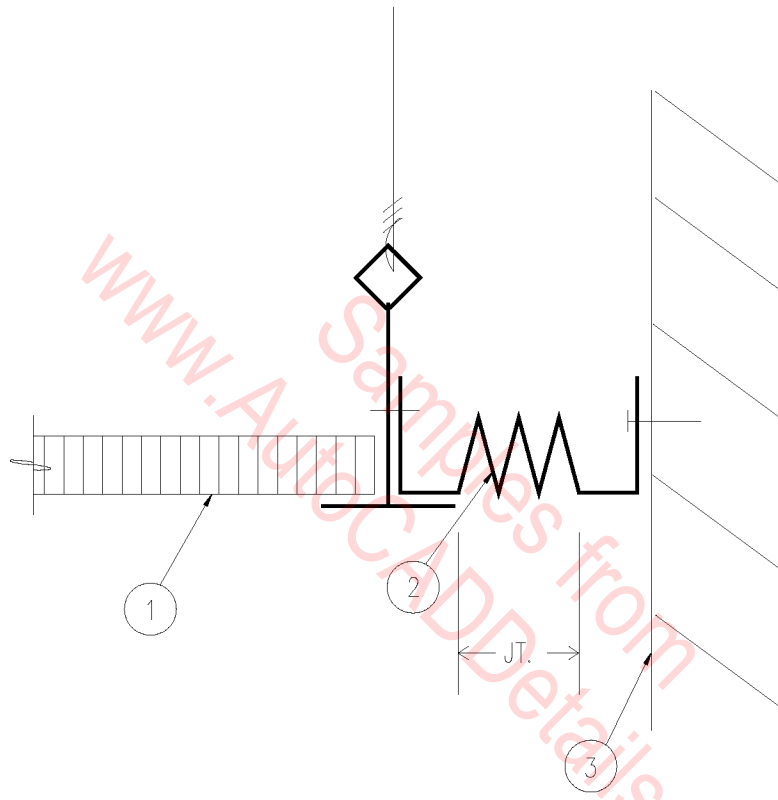
1. MASONRY WALL.
2. WELD PLATE.
3. CEILING WHERE APPLICABLE.
4. SEE ROOM FINISH SCHEDULE & WALL TYPES FOR MATERIAL & FINISH.
5. METAL ROOF DECK.
6. 1/2" 'TREMCO' FYRE-SIL SEALANT EACH SIDE ON FIRE SAFING UL DESIGN NO. 327 AT RATED WALL.
7. ROOFING SYSTEM ON RIGID INSULATION.
8. CASING BEAD AND SEALANT AT GYPSUM BOARD.



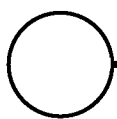
WALL @ ROOF DECK

3" = 1'-0"

09B-5010



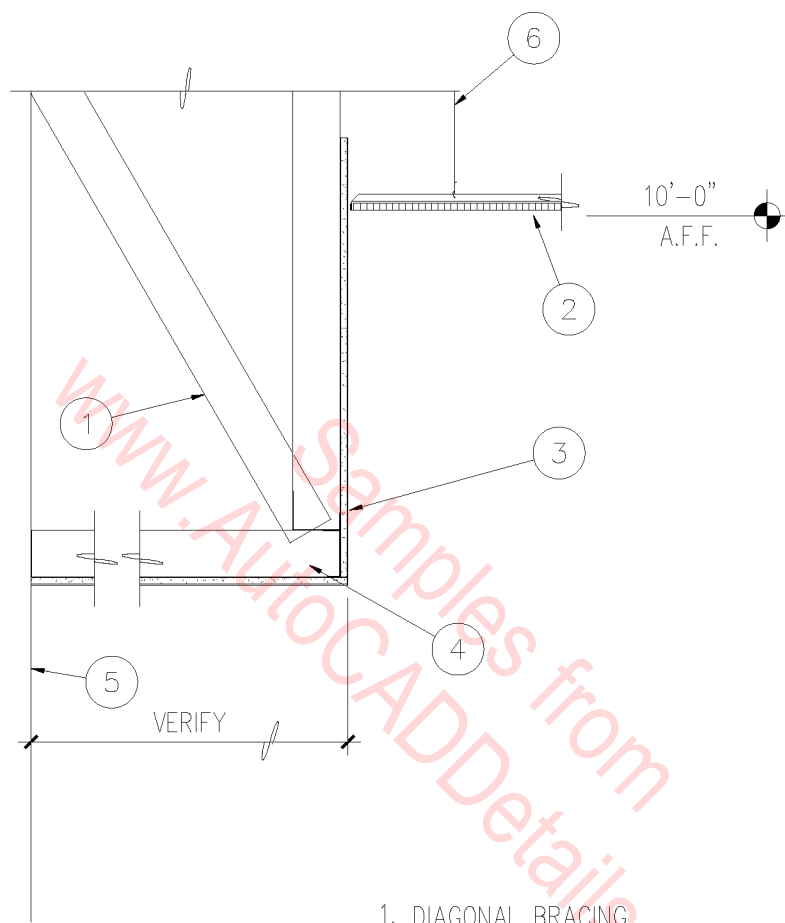
1. SUSPENDED ACOUSTIC TILE CEILING SYSTEM.
2. P.V.C. EXPANSION FILLER.
3. CMU WALL.



CONTROL JOINT AT CLG.

3" = 1'-0"

09B-5011



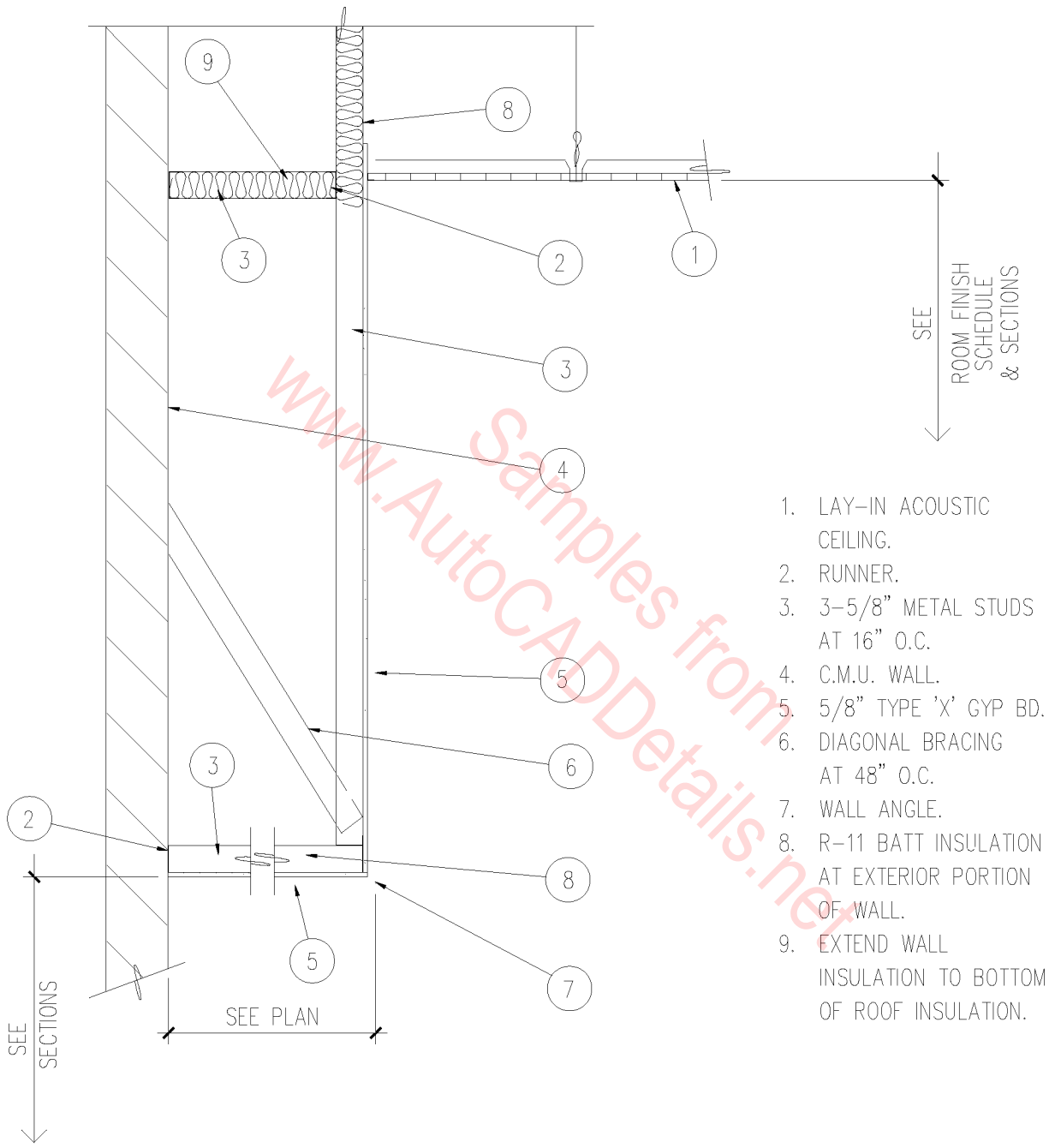
1. DIAGONAL BRACING.
2. ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM.
3. 5/8" TYPE 'X' GYPSUM BOARD.
4. 3-5/8" METAL STUDS @ 24" O.C.
5. MASONRY OR GYPSUM BOARD WALL.
6. HANGER WIRE.

# ○ TYPICAL SOFFIT

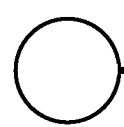
3/4" = 1'-0"

09B-5012





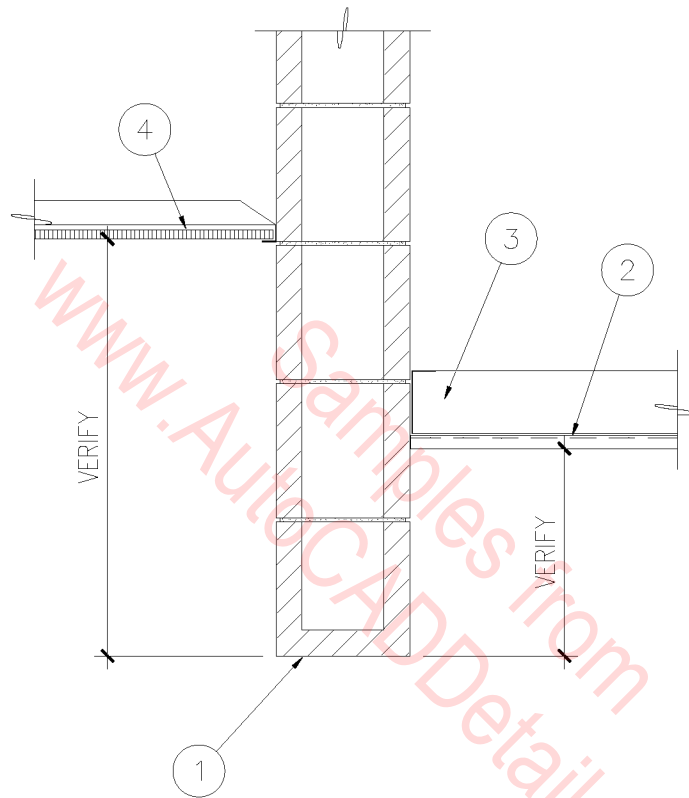
1. LAY-IN ACOUSTIC CEILING.
2. RUNNER.
3. 3-5/8" METAL STUDS AT 16" O.C.
4. C.M.U. WALL.
5. 5/8" TYPE 'X' GYP BD.
6. DIAGONAL BRACING AT 48" O.C.
7. WALL ANGLE.
8. R-11 BATT INSULATION AT EXTERIOR PORTION OF WALL.
9. EXTEND WALL INSULATION TO BOTTOM OF ROOF INSULATION.



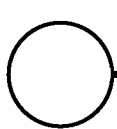
SUSP. CEILING @ SOFFIT

1/2" = 1'-0"

09B-5013



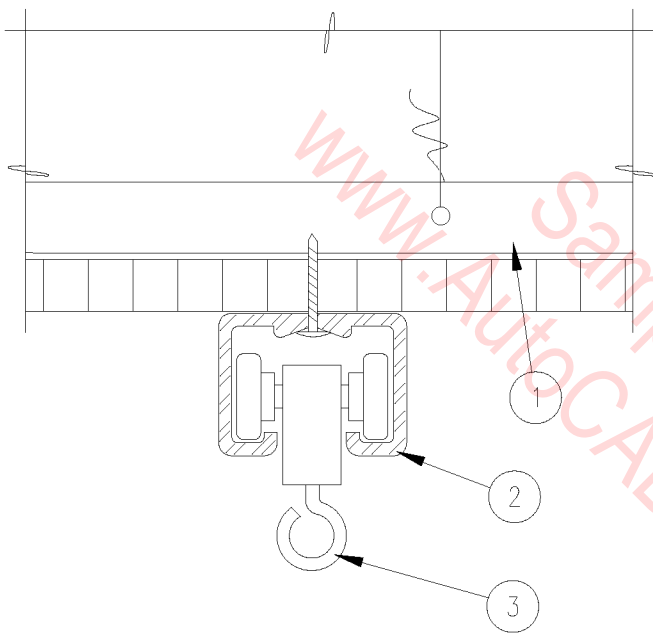
1. MASONRY WALL.
2. 3/4" CEMENT PLASTER.
3. CEILING JOIST.
4. SUSPENDED ACOUSTICAL CEILING SYSTEM.



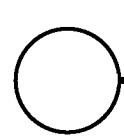
# SOFFIT @ C.M.U. WALL

1" = 1'-0"

09B-5014



1. SUSPENDED ACOUSTICAL TILE CEILING RUNNER.
2. EXTRUDED ANODIZED ALUM. TRACK- SUPPORT @ 2'-0" O.C. MIN. PROVIDE 1x4 BLOCK OVER ALL CURVES IN TRACK.
3. MAINTENANCE FREE ROLLER CARRIER.

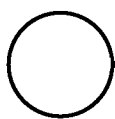
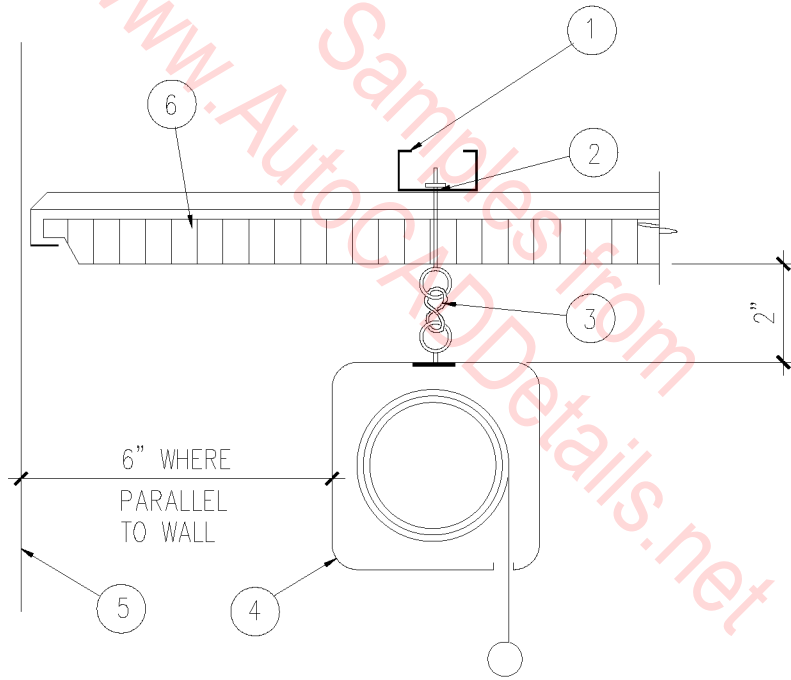


TRACK AT ACOUST. CLG.

3" = 1'-0"

09B-5015

1. 3-5/8" STEEL STUD x 8' LONG.
2. EYEBOLT.
3. 'S' HOOK.
4. PROJECTION SCREEN.
5. FINISHED WALL LINE.
6. CEILING GRID.

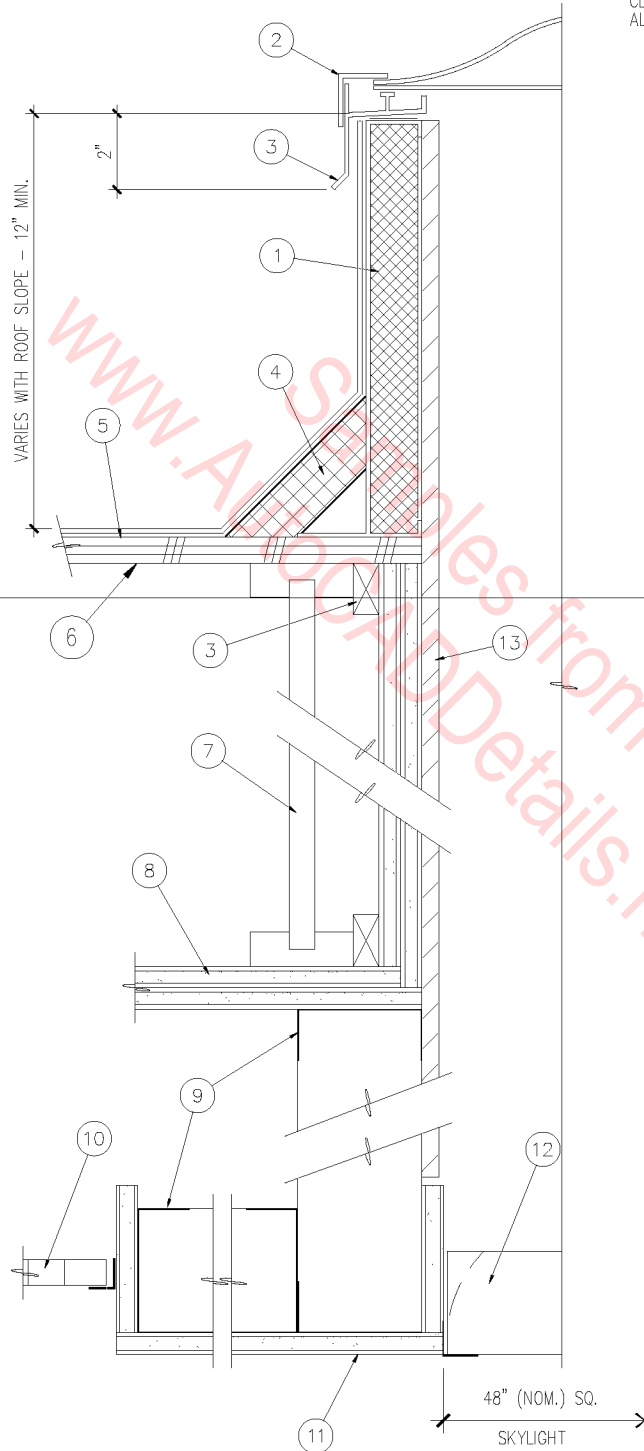


PROJECTION SCREEN

3" = 1'-0"

09B-5016

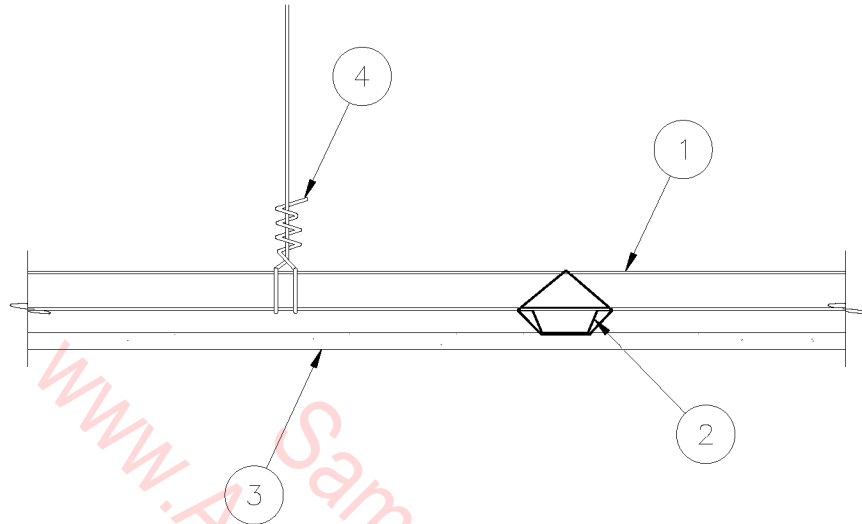
1. PREFABRICATED EQUIPMENT ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM. TWO LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD WITH ALUMINUM FOIL BOTH SIDES CLEAR SIDE FACING OUT. TAPE ALL CORNERS WITH FOIL TAPE.



## SUSPENDED CEILING SKYLIGHT WELL

3" = 1'-0"

09B-5017



1. 1 1/2" CR CHANNEL AT 4'-0" ON CENTER.
2. METAL FURRING CHANNEL AT 24" ON CENTER.
3. 1/2" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS SCREW ATTACHED AT 12" ON CENTER.
4. 9 GA. GALVANIZED WIRE @ 48" O.C.

NOTE:

A. JOINTS FINISHED.

○ NON-RATED CLG. DETAIL

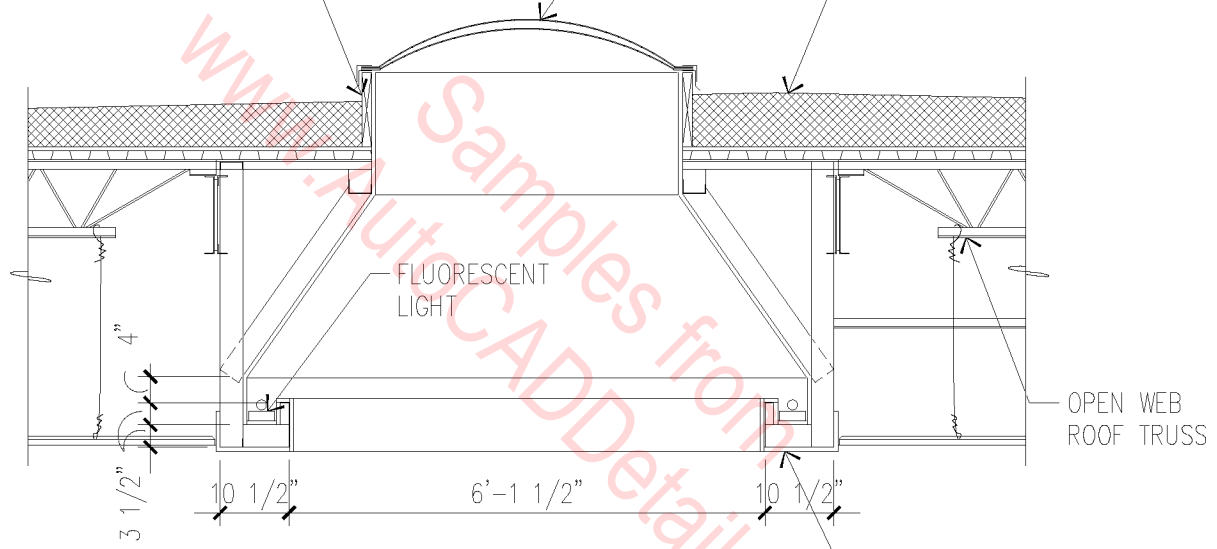
1-1/2" = 1'-0"

09B-5018

2 X 12 CONTINUOUS  
SKYLIGHT CURB

48" X 48" DOUBLE  
DOME SKYLIGHT

MODIFIED BITUMEN ROOF  
OVER RIGID INSULATION  
AND 1/2" O.S.B. PLYWOOD



FLUORESCENT  
LIGHT

OPEN WEB  
ROOF TRUSS

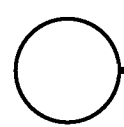
5/8" GYPSUM BOARD

3 1/2"

10 1/2"

6'-1 1/2"

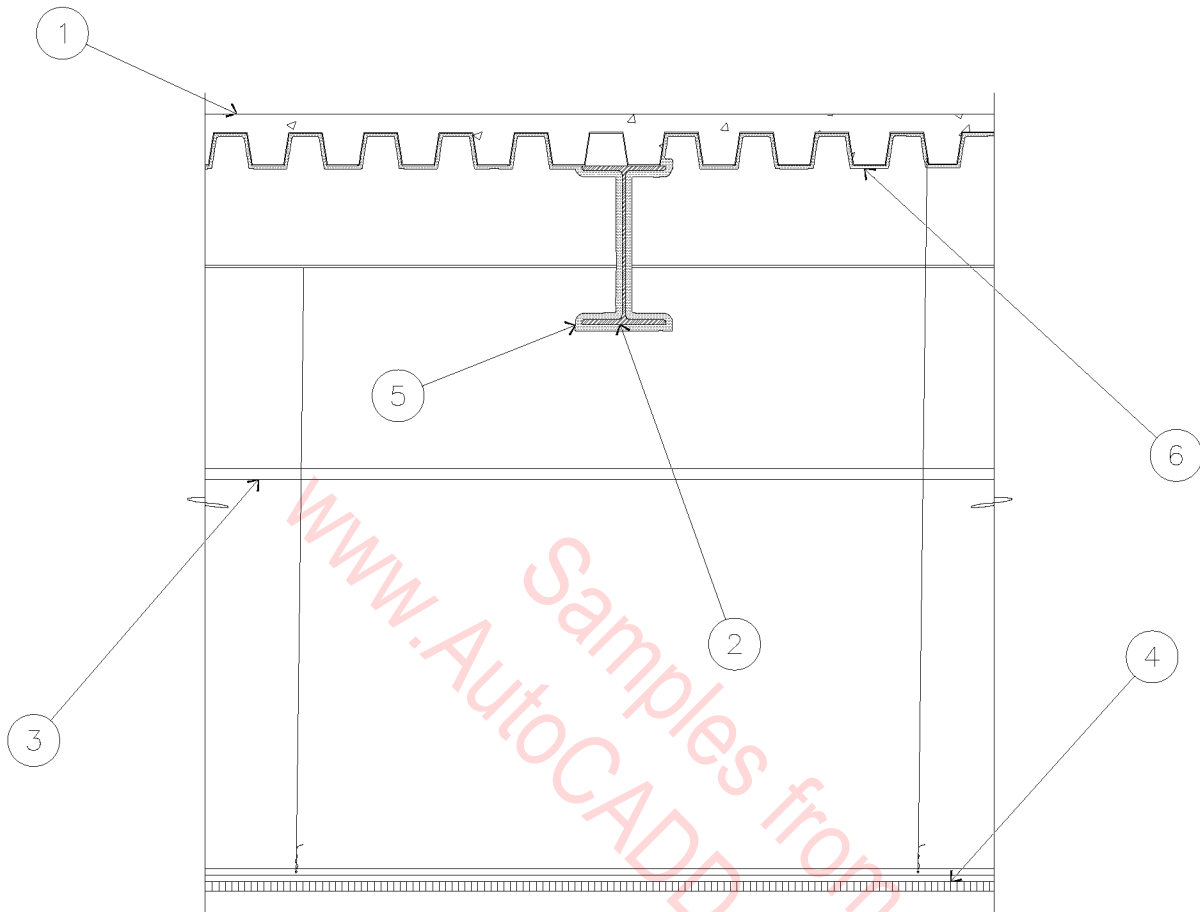
10 1/2"



# SKYLIGHT - LIGHT WELL

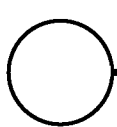
3/8" = 1'-0"

09B-5019



1. CONCRETE FLOOR OVER FLUTED STEEL DECK - STEEL DECK SHALL BE WELDED TO STEEL BEAMS.
2. WIDE FLANGE BEAM.
3. BEAM BEYOND.
4. SUSPENDED "TEE" GRID CEILING.
5. SPRAYED ON FIRE RESISTIVE FIBER COAT - 1/2" THICK (MINIMUM) AT STEEL BEAMS.
6. SPRAYED ON FIRE RESISTIVE FIBER COAT - 1/4" THICK (MINIMUM) AT STEEL DECK.

U.L. DESIGN NO. N805

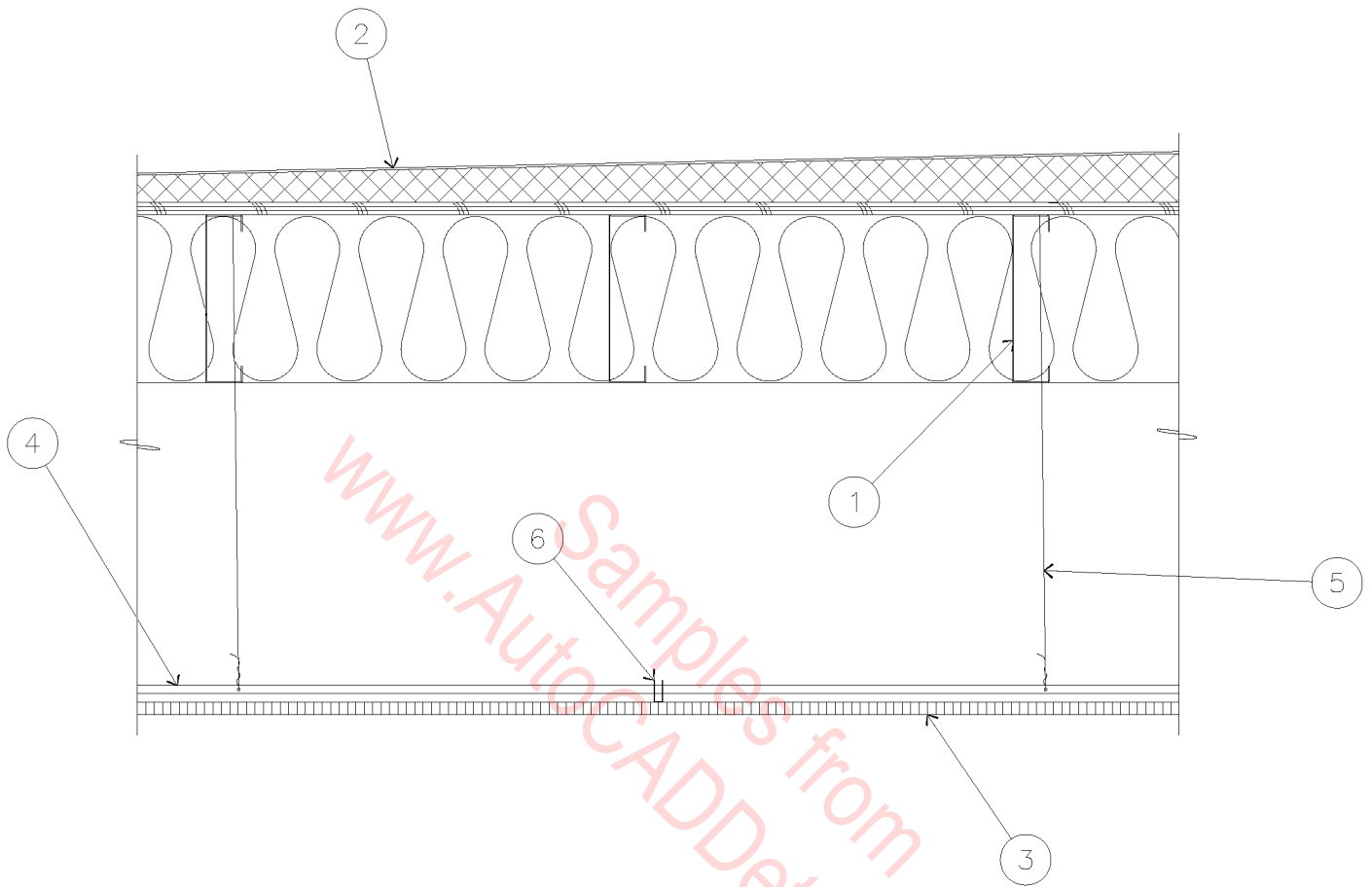


# 1 HOUR FLOOR ASSEMBLY

3/4" = 1'-0"

09B-5020





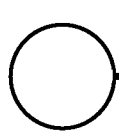
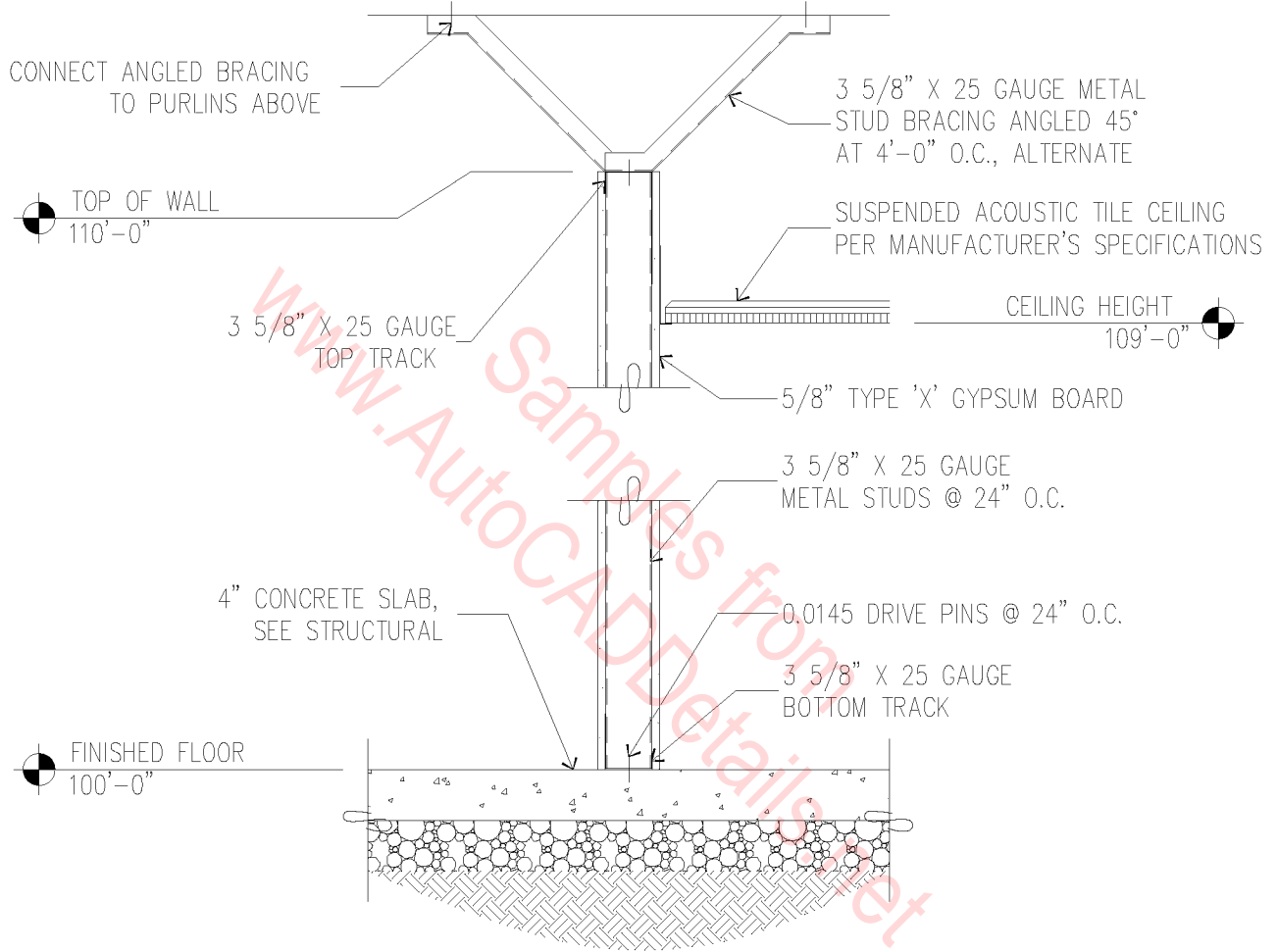
1. 10" X 16 GA. STEEL CHANNEL ROOF JOIST @ 24" O.C.
2. SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATION.
3. 24" X 24" LAY-IN ACOUSTICAL CEILING PANELS
4. STEEL SUSPENDED CEILING FRAMING MEMBERS.
5. 12 SWG GALVANIZED HANGER WIRE SPACED @ 48" O.C. ALONG MAIN RUNNERS.
6. 28 MSG SPRING STEEL HOLD DOWN CLIPS @ 24" O.C.

SIMILAR TO U.L. DESIGN NO. G241

# 1 HOUR SUSPENDED CEILING

1" = 1'-0"

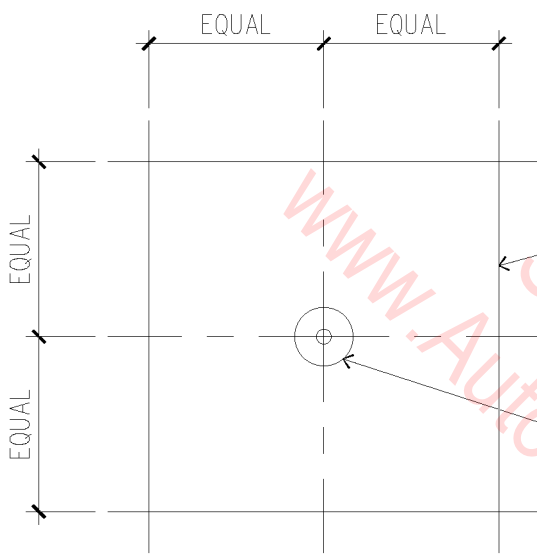
09B-5021



# INTERIOR WALL SECTION

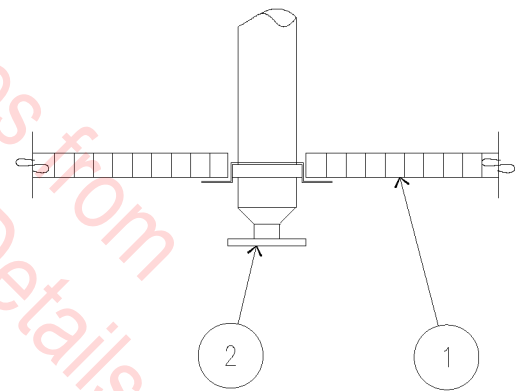
3/4" = 1'-0"

09B-5022



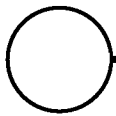
PLAN

1. 2'-0" X 2'-0" SCHEDULED ACOUSTICAL CEILING TILE.
2. SCHEDULED SPRINKLER HEAD.



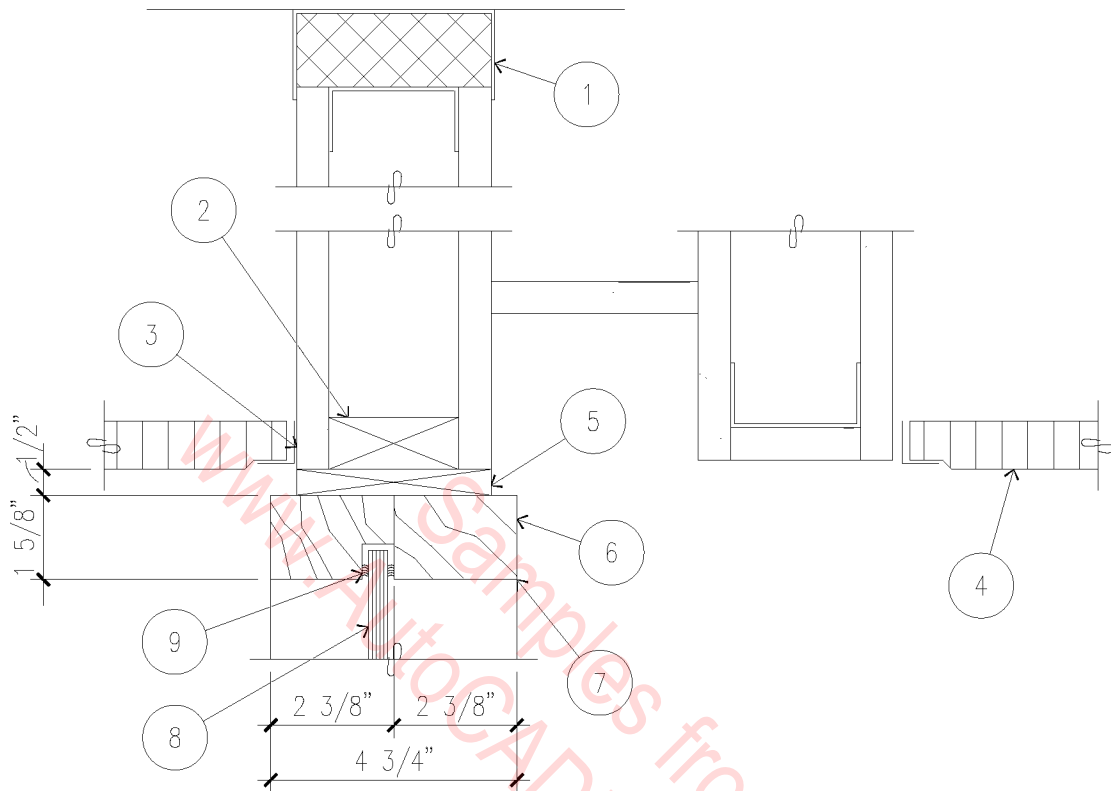
SECTION

# FIRE SPRINKLER THROUGH ACOUSTIC TILE



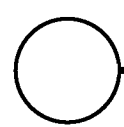
NOT TO SCALE

09B-5023



1. CONNECTION TO STRUCTURE ABOVE.
2. FIRE RESISTIVE TREATED BLOCKING.
3. METAL CEILING ANGLE.
4. SCHEDULED CEILING SYSTEM.
5. SOLID ALDER REVEAL BLOCKING.  
FINISH TO MATCH.
6. CHERRY WOOD HEAD.
7. EASED EDGE, TYPICAL.
8. 3/8" THICK TEMPERED GLASS  
(TINTED).
9. BLACK NEOPRENE GASKET.

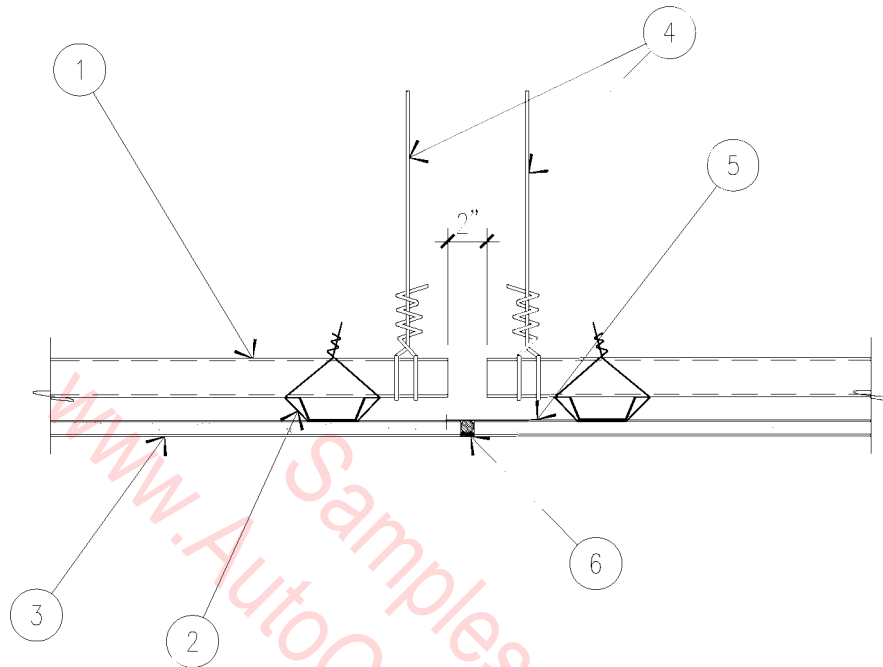
NOTE: ANCHOR WITH 'HILTI', OR EQUAL, POWER ACTUATED FASTENERS, I.C.B.O. #3288, @ 16" O.C.



# DRAPERY ROD POCKET

3" = 1'-0"

09B-5024

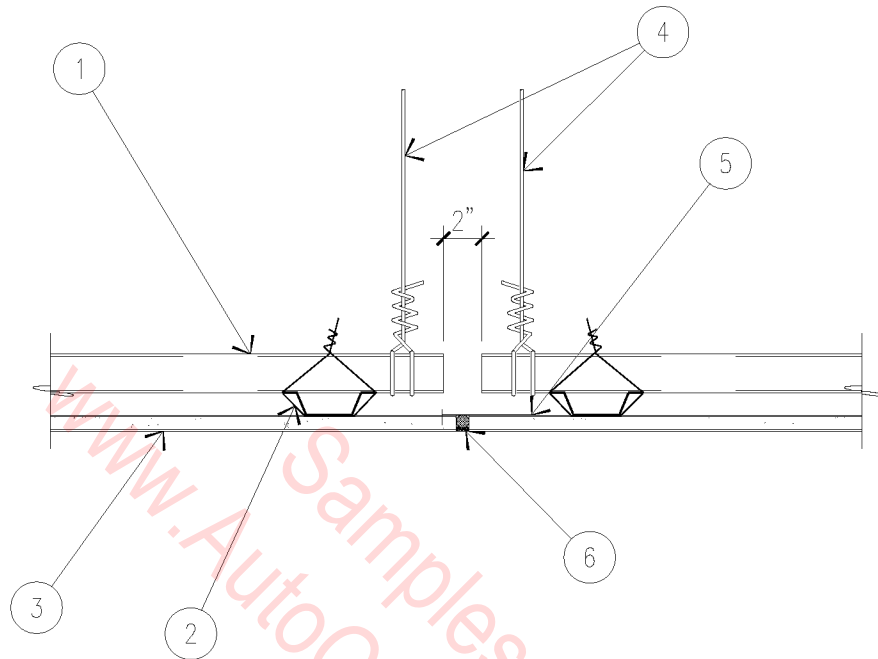


1. 1 1/2" CR CHANNEL AT 4'-0" ON CENTER.
2. METAL FURRING CHANNEL AT 24" ON CENTER.
3. 1/2" EXTERIOR GYPSUM BOARD.
4. 9 GAUGE GALVANIZED WIRE AT 48" O.C.
5. 2" WIDE CONTINUOUS SHEET METAL CLOSURE STRIP - ATTACH TO ONE SIDE ONLY.
6. 1/2" SILICON SEALANT OVER CONTINUOUS FOAM BACKER ROD.

## SUSPENDED CEILING EXPANSION JOINT

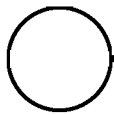
1 1/2" = 1'-0"

09B-5025



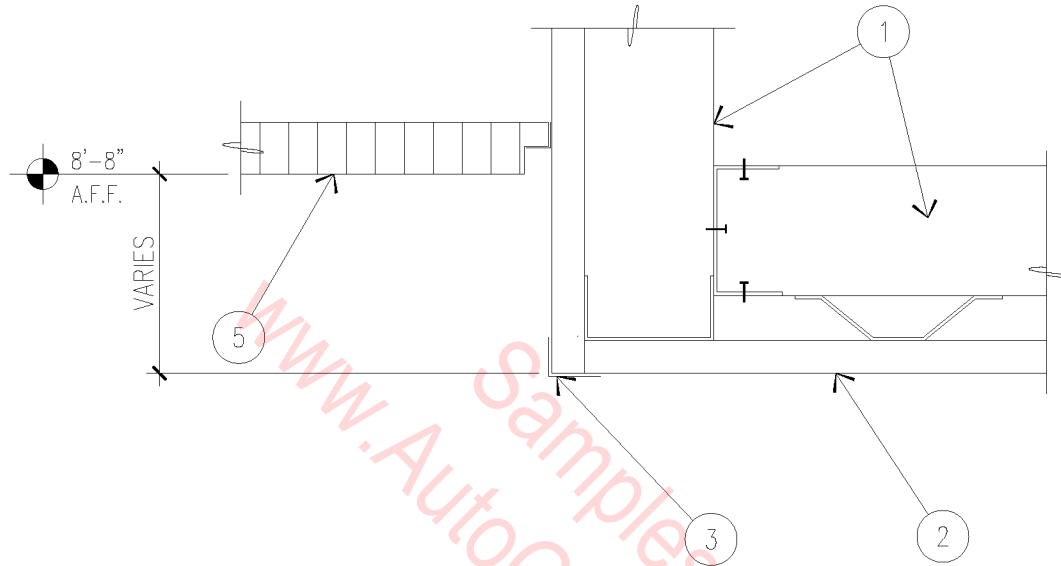
1. 1 1/2" CR CHANNEL AT 4'-0" ON CENTER.
2. METAL FURRING CHANNEL AT 24" ON CENTER.
3. 1/2" EXTERIOR GYPSUM BOARD.
4. 9 GAUGE GALVANIZED WIRE AT 48" O.C.
5. 2" WIDE CONTINUOUS SHEET METAL CLOSURE STRIP - ATTACH TO ONE SIDE ONLY.
6. 1/2" SILICON SEALANT OVER CONTINUOUS FOAM BACKER ROD.

## SUSPENDED CEILING EXPANSION JOINT



1 1/2" = 1'-0"

09B-5025



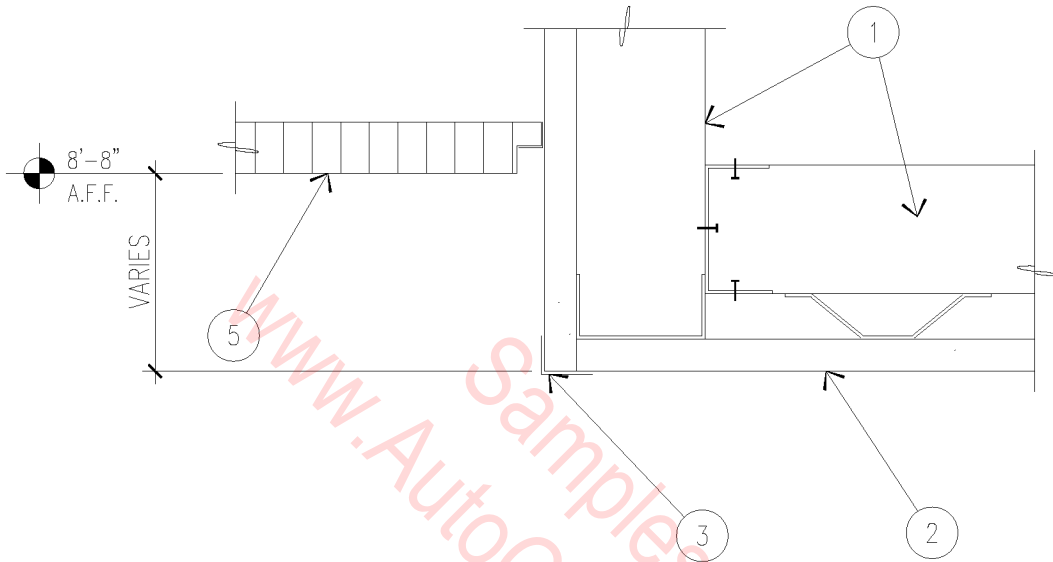
1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.

○
CEILING DETAIL AT SOFFIT

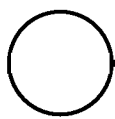
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3" = 1'-0"

09B-5026



1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.

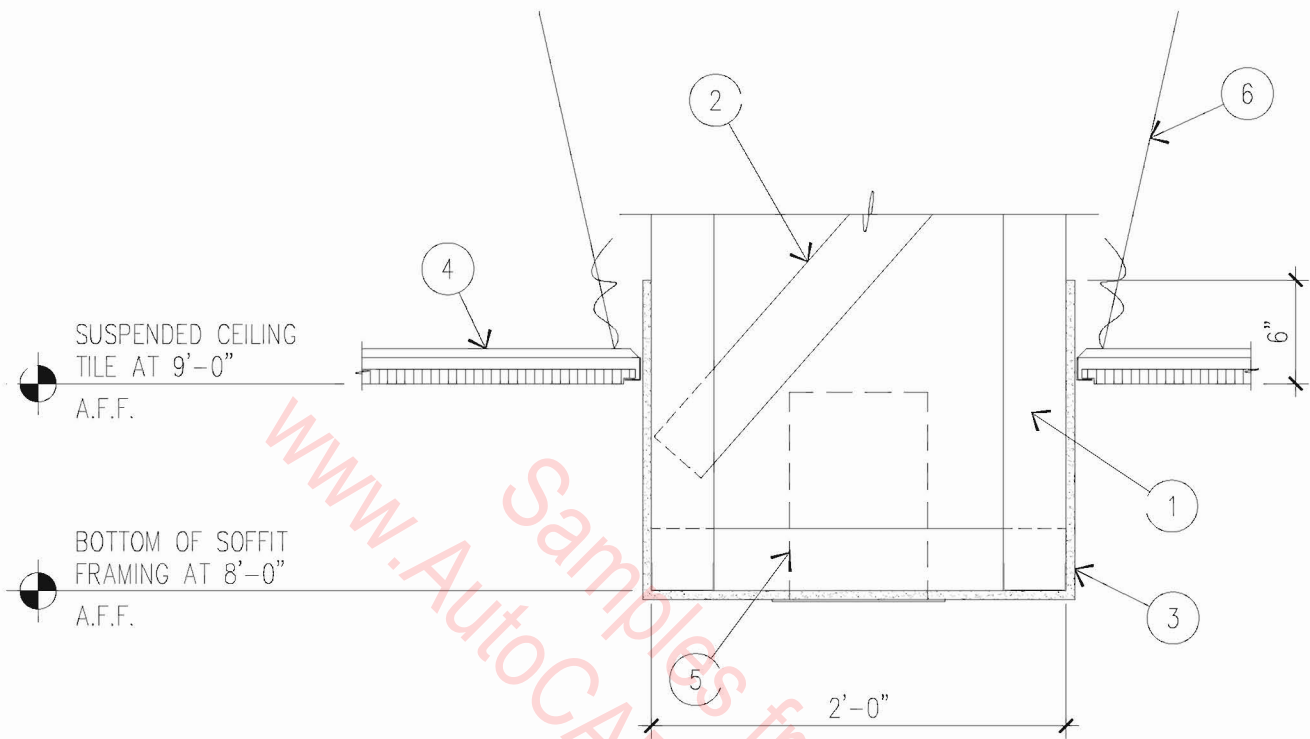


## CEILING DETAIL AT SOFFIT

3" = 1'-0"

09B-5026



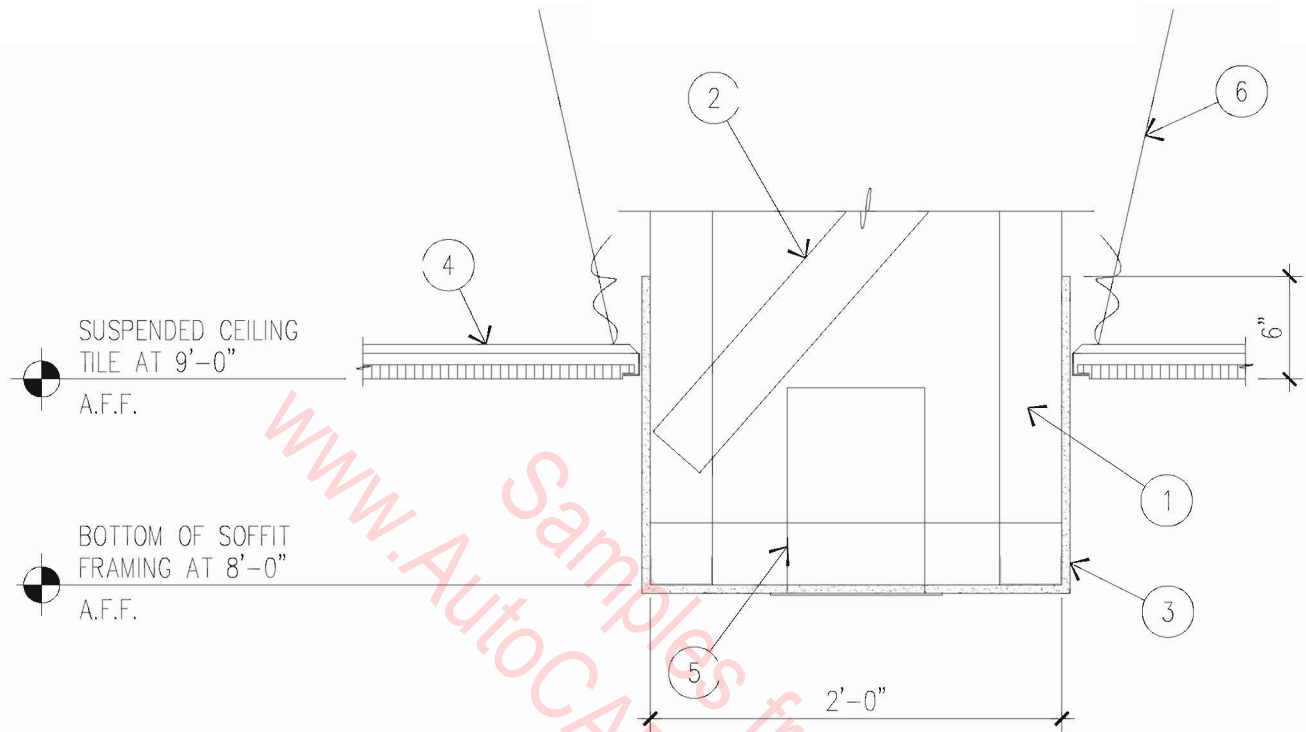


1. 3 5/8" X 20 GAUGE METAL STUDS AT 24" O.C.
2. METAL STUD BRACE AT 24" O.C.
3. 1/2" GYPSUM BOARD.
4. STIFFENED "TEE" GRID CEILING.
5. RECESSED CAN LIGHT - SEE ELECTRICAL.
6. 12 GAUGE GALVANIZED WIRE.

# SOFFIT SECTION

1" = 1'-0"

09B-5027

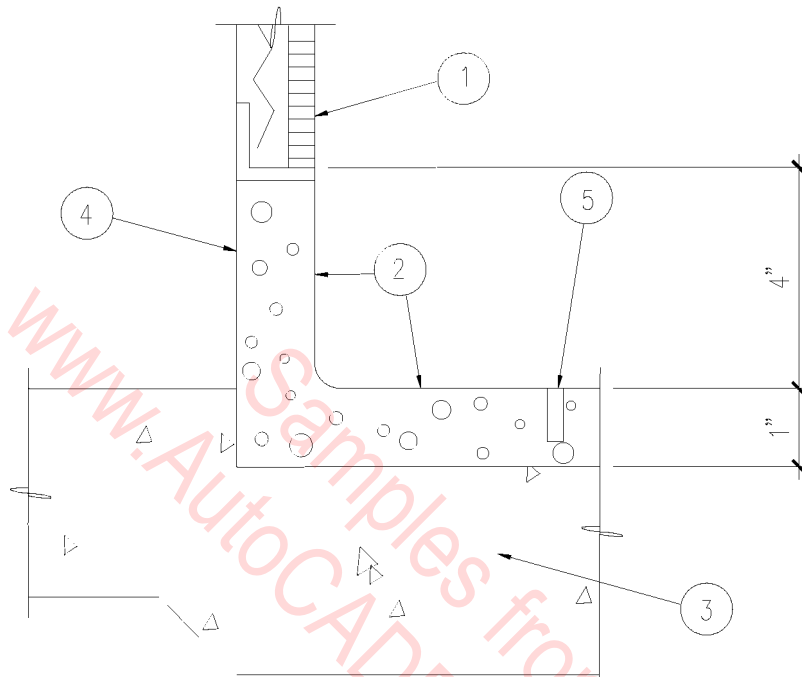


1. 3 5/8" X 20 GAUGE METAL STUDS AT 24" O.C.
2. METAL STUD BRACE AT 24" O.C.
3. 1/2" GYPSUM BOARD.
4. STIFFENED "TEE" GRID CEILING.
5. RECESSED CAN LIGHT - SEE ELECTRICAL.
6. 12 GAUGE GALVANIZED WIRE.

# SOFFIT SECTION

1" = 1'-0"

09B-5027

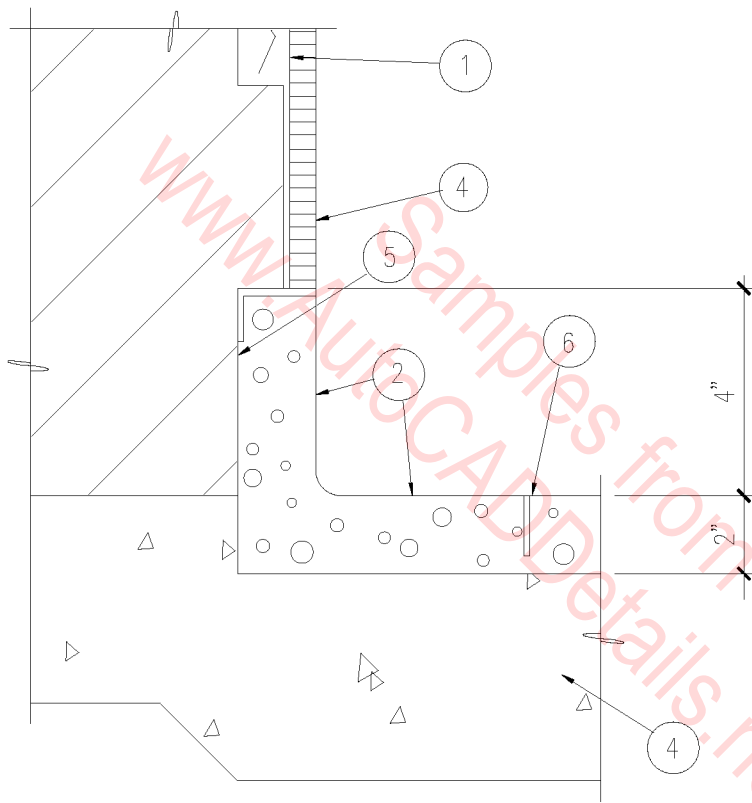


1. CERAMIC TILE ON 1" SETTING BED W/ METAL LATH.
2. TERRAZZO FLOOR AND BASE.
3. DEPRESSED 4" CONC. SLAB, SLOPE TO DRAIN.
4. 6 mil V.B. LAP & SEAL CONT. W/ 3" PLASTIC TAPE.
5. ZINC BAR.

○ TERRAZZO BASE AT WALL

3" = 1'-0"

09B-4001

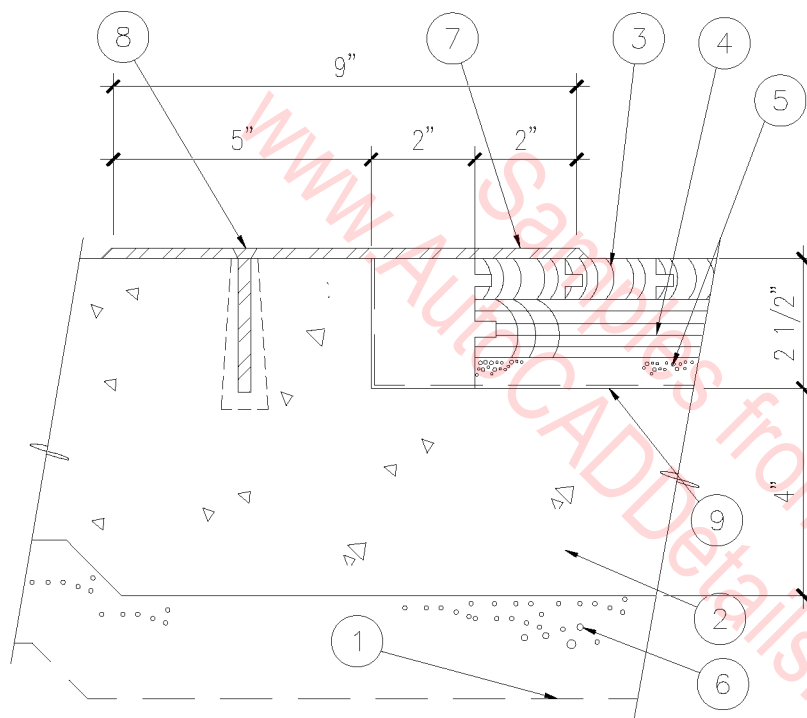


1. CERAMIC TILE ON SETTING BED W/ METAL LATH.
2. TERRAZZO FLOOR AND BASE.
3. DEPRESSED 4" CONC. SLAB.
4. THIN SET CERAMIC TILE ON C.M.U.
5. RECESSED MASONRY @ BASE.
6. ZINC BAR.

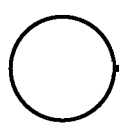
○ TERRAZZO BASE

3" = 1'-0"

09B-4002



1. VAPOR BARRIER.  
LAP AND SEAP  
CONTINUOUS WITH  
3" PLASTIC TAPE.
2. CONCRETE SLAB.
3. GYMNASIUM WOOD  
FLOORING SYSTEM.
4. 2-LAYERS, 1/2"  
CDX PLYWOOD.
5. 3/8" CLOSED CELL  
POLYURETHANE  
FOAM PAD.
6. 4" SAND FILL.
7. 1/8" STAINLESS STEEL  
PLATE WITH  
BEVELED EDGES.
8. COUNTERSUNK FLAT  
HEAD FASTENERS  
@ 12" O.C.
9. (2) LAYER 15# FELT.

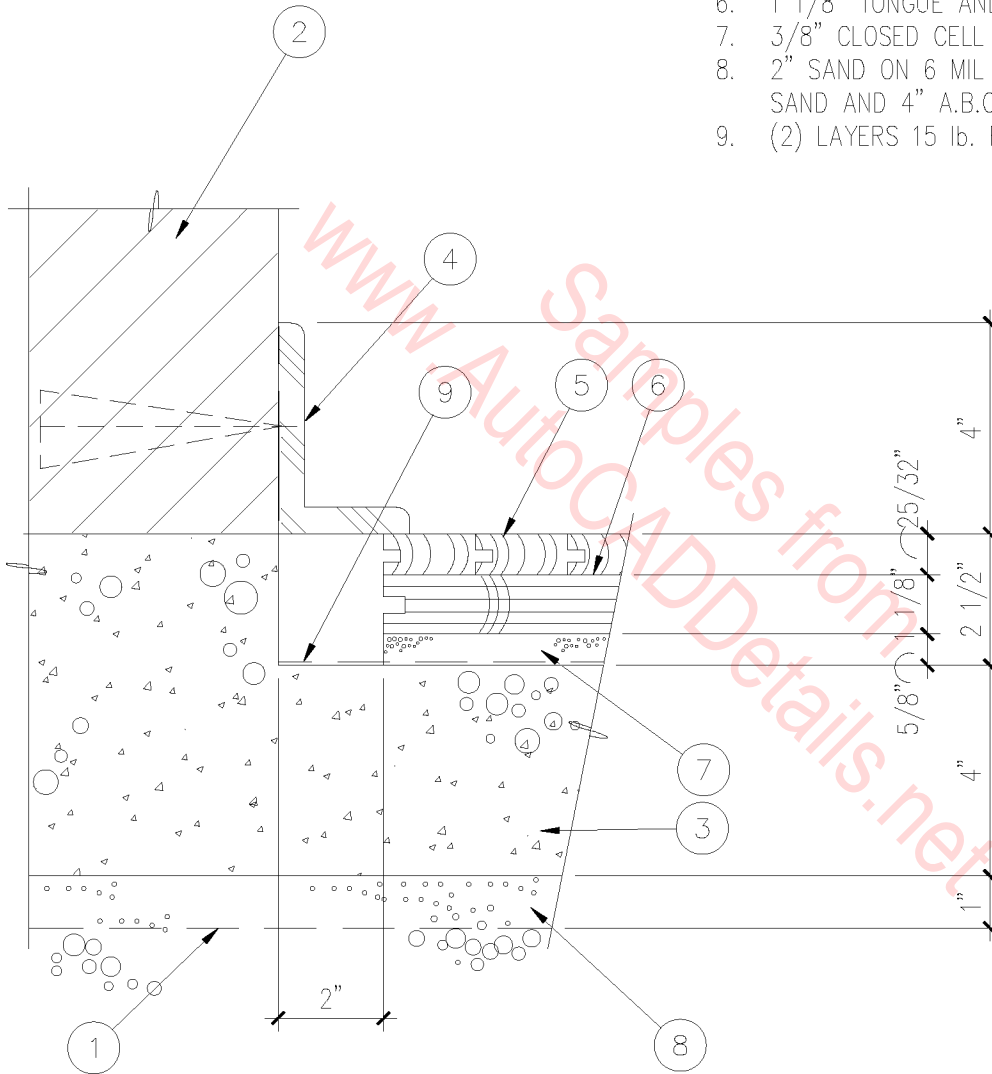


## GYM FLOOR THRESHOLD

3" = 1'-0"

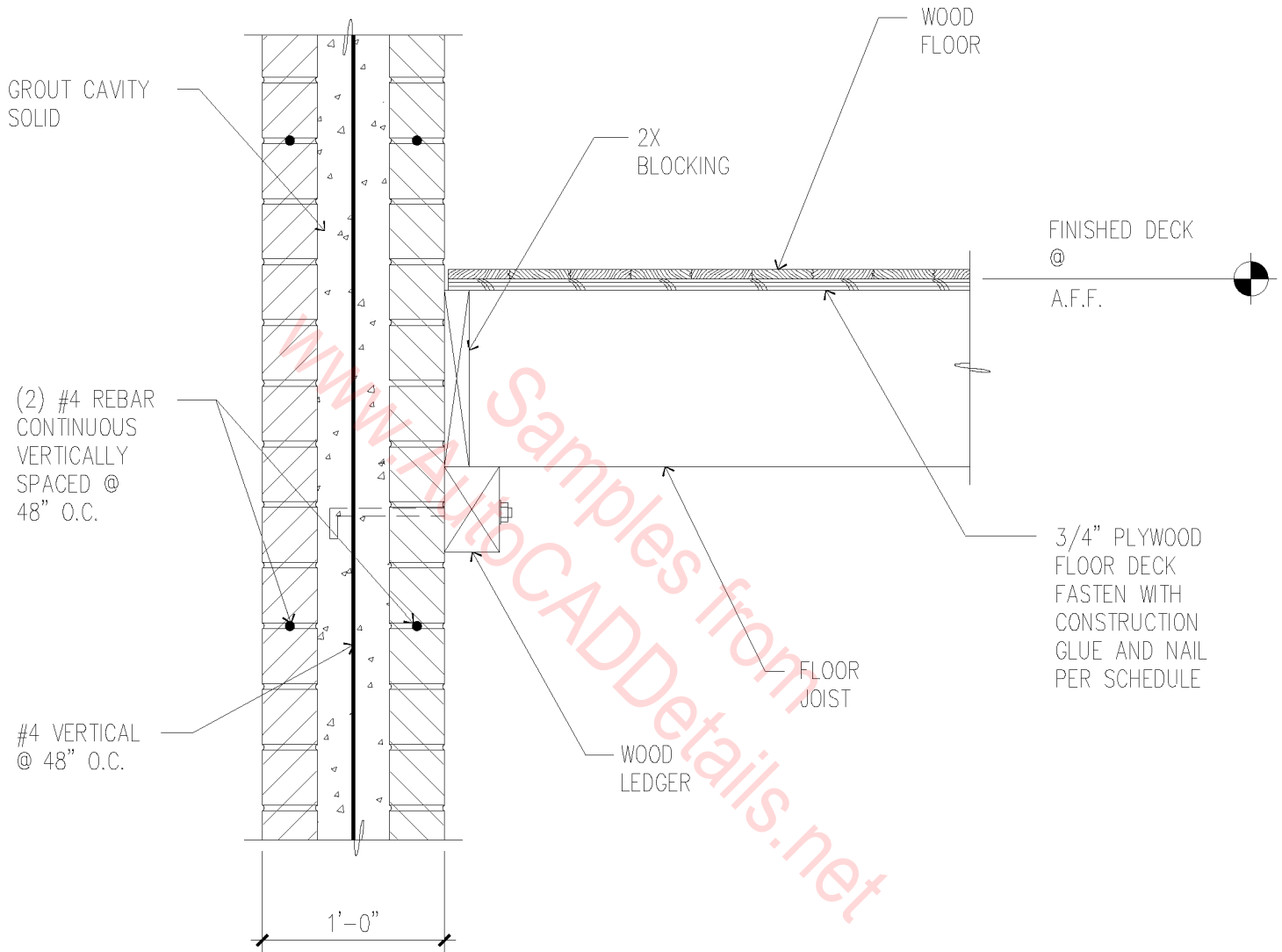
09B-7001

1. 6 MIL VAPOR BARRIER. LAP AND SEAL, CONTINUOUS 3" PLASTIC TAPE.
2. MASONRY WALL.
3. 4" CONCRETE SLAB.
4. 3" X 4" VENTED ALUMINUM COVE BASE.
5. 25/32" MAPLE TONGUE AND GROOVE FLOORING.
6. 1 1/8" TONGUE AND GROOVE PLYWOOD.
7. 3/8" CLOSED CELL POLYURETHANE FOAM PAD.
8. 2" SAND ON 6 MIL VAPOR BARRIER ON 2" SAND AND 4" A.B.C.
9. (2) LAYERS 15 lb. FELT.

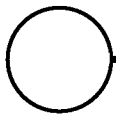


 GYM FLOOR BASE  
 3" = 1'-0"

09B-7002

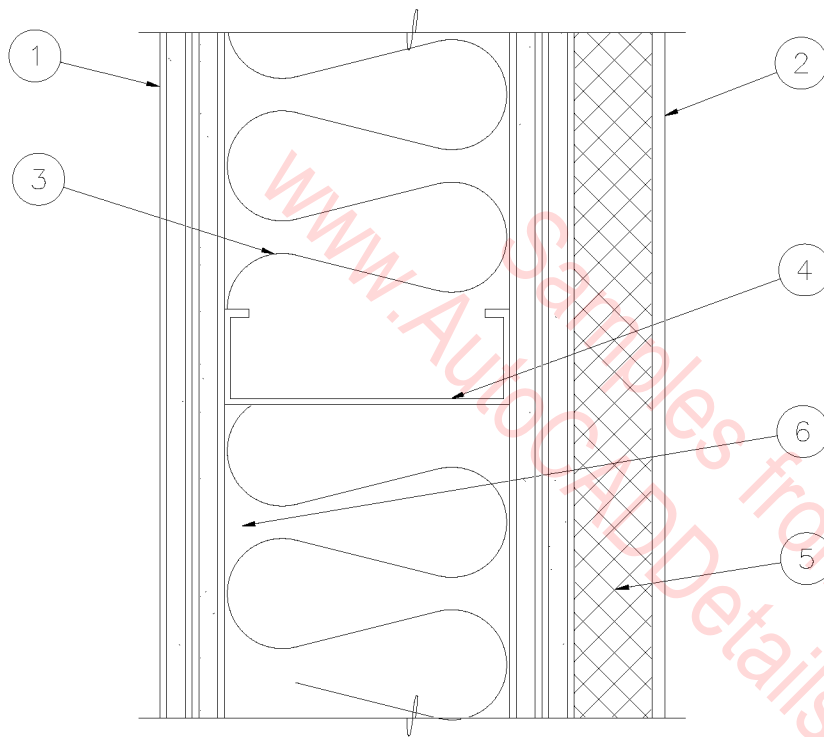


# BRICK WALL @ SECOND FLOOR

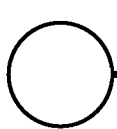


1" = 1'-0"

09B-7003



1. (2) LAYERS 5/8" TYPE "X" GYPSUM BOARD.
2. SYNTHETIC STUCCO.
3. 5 1/2" BATT INSULATION.
4. 6" METAL STUDS.
5. 1 1/2" POLYSTYRENE INSULATION BOARD MECHANICALLY FASTENED AND GLUED.
6. 4 MIL. POLY VAPOR BARRIER.

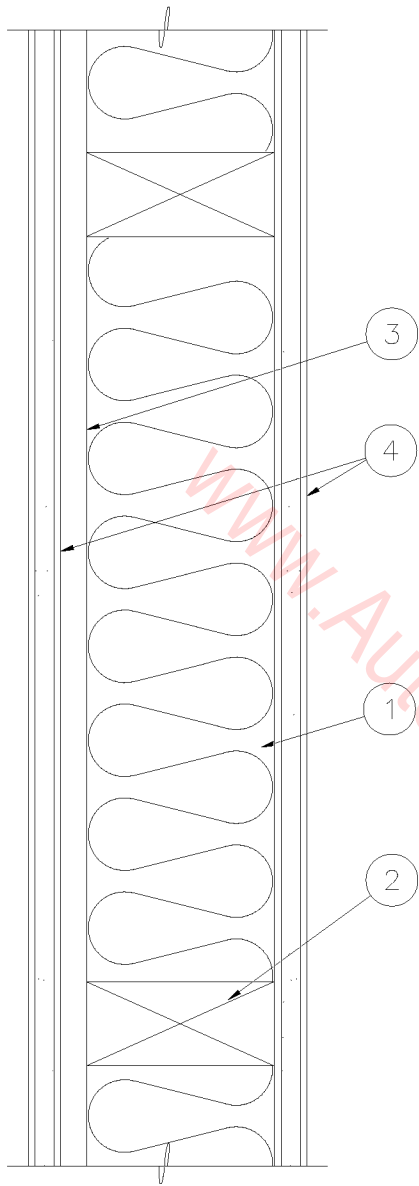


## 2 HOUR EXTERIOR WALL

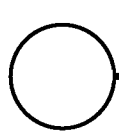
3" = 1'-0"

09A-4001





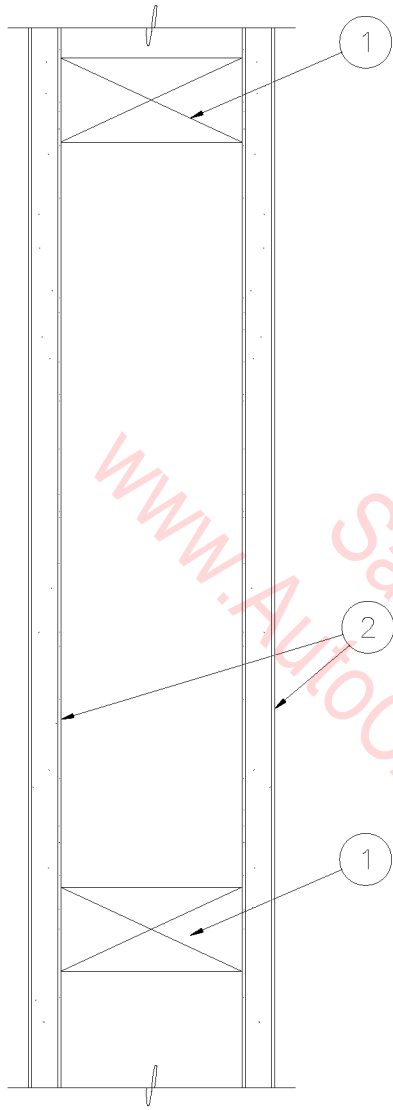
1. 3-1/2" BATT INSULATION.
2. 2" X 4" WOOD STUDS @ 16" O.C.
3. 1/2" AC 1 CHANNELS @ 24" O.C. ONE SIDE.
4. 5/8" TYPE "X" GYPSUM BOARD EACH SIDE.



1 HR. WOOD STUD WALL

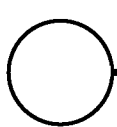
3" = 1'-0"

09A-4002



www.AutocADDetails.net  
 Samples from

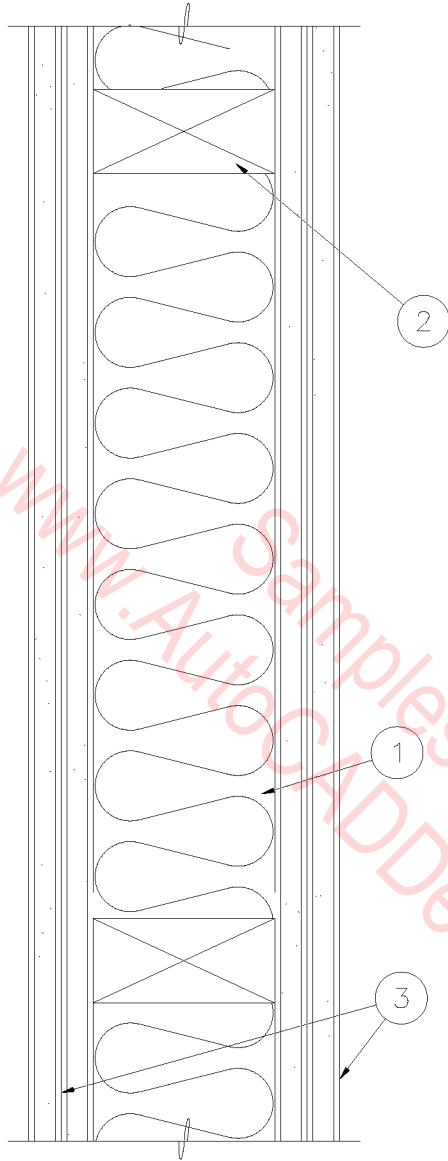
1. 2" X 4" WOOD STUDS @ 16" O.C.
2. 5/8" TYPE "X" GYPSUM BOARD EACH SIDE. (MOISTURE RESISTANT ON BATH SIDE).



1 HOUR INTERIOR WALL

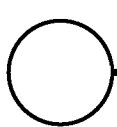
3" = 1'-0"

09A-4003



1. 3 1/2" BATT INSULATION.
2. 2" X 4" WOOD STUDS  
16" O.C.
3. (2) LAYERS 5/8" TYPE  
"X" GYPSUM BOARD  
EACH SIDE.

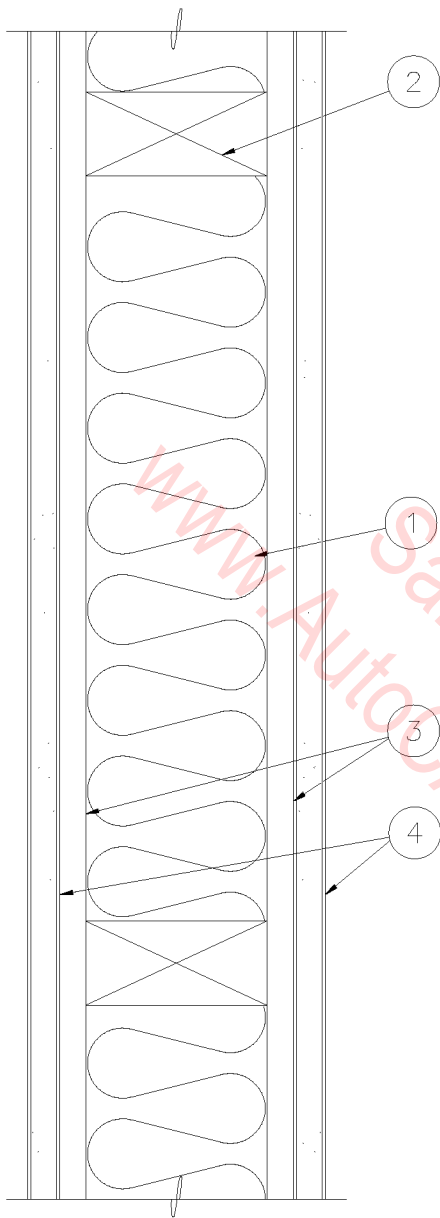
www.AutocADDetails.net



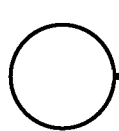
## 2 HOUR INTERIOR WALL

3" = 1'-0"

09A-4004



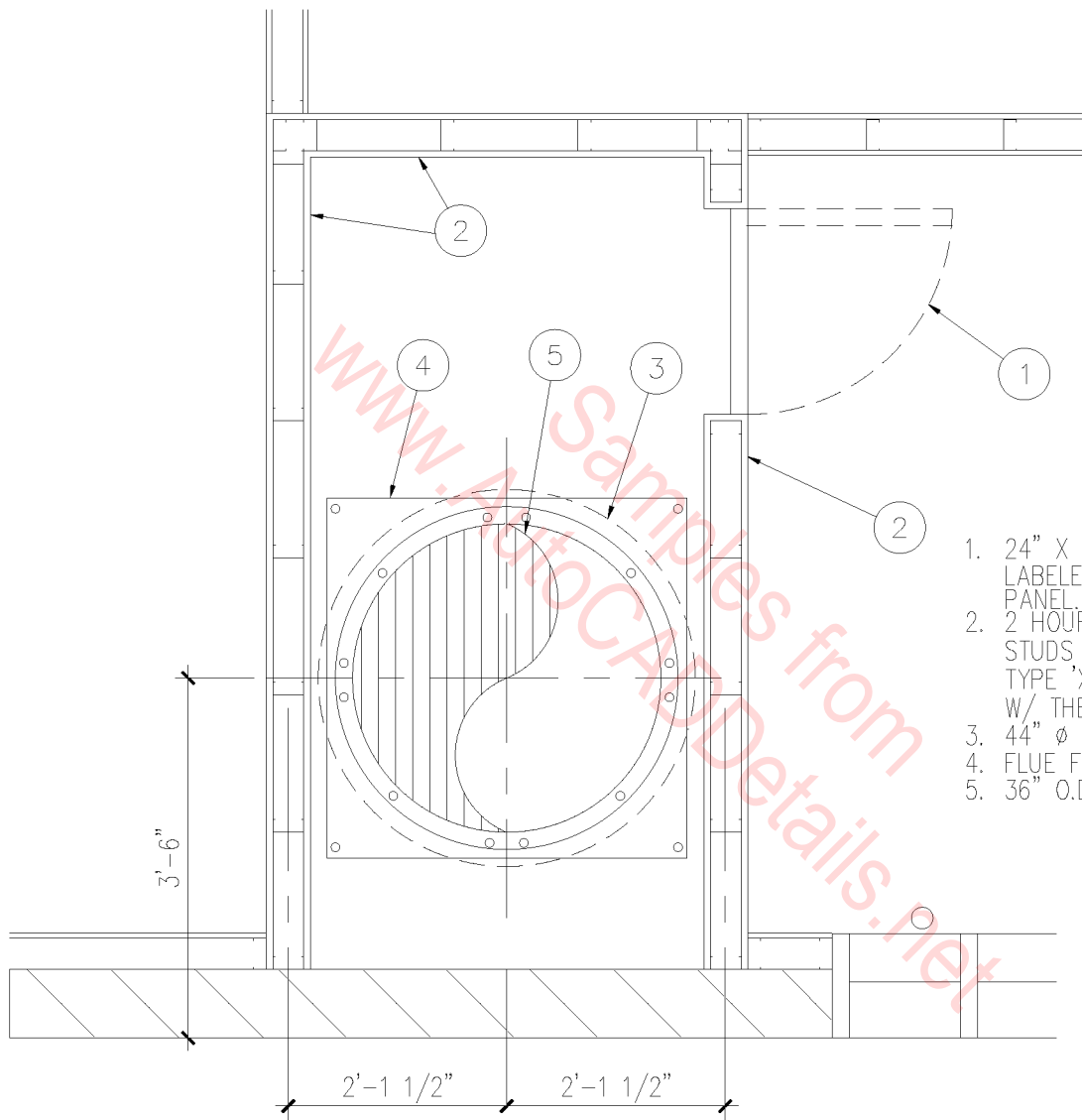
1. 3 1/2" MINERAL FIBER BATT INSULATION.
2. 2 X 4 WOOD STUDS @ 16" O.C.
3. RC-1 CHANNELS @ 24" O.C.
4. 5/8" TYPE "X" GYPSUM BOARD MOISTURE RESISTANT ON BATH SIDE.



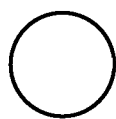
1 HOUR DEMISING WALL

3" = 1'-0"

09A-4005



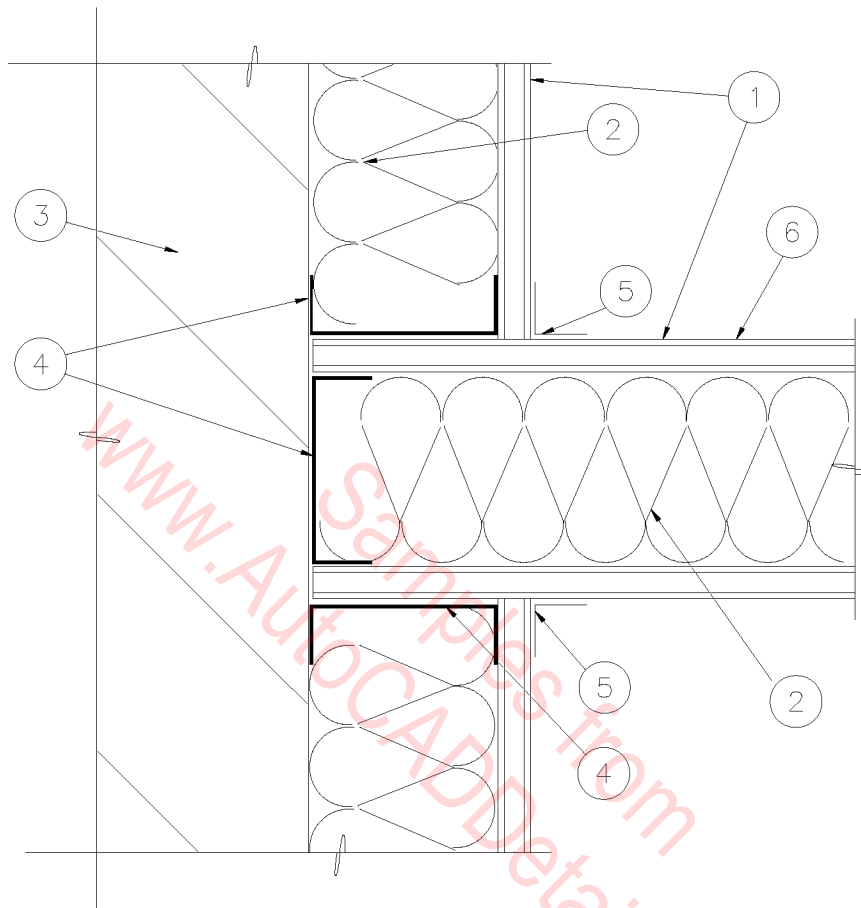
1. 24" X 24" 1-1/2 HOUR LABELED ACCESS PANEL
2. 2 HOUR WALL 3-5/8" MTL. STUDS 16" O.C. WITH ONE LAYER OF 3/4" TYPE 'X' GYP. BD. EA. SIDE, INSULATED W/ THERMOFIBER INSULATION.
3. 44" Ø HOLE IN FLOOR.
4. FLUE FLOOR PLATE.
5. 36" O.D. FLUE PIPE FROM BELOW.



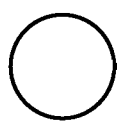
FLUE CHASE

1" = 1'-0"

09A-4006



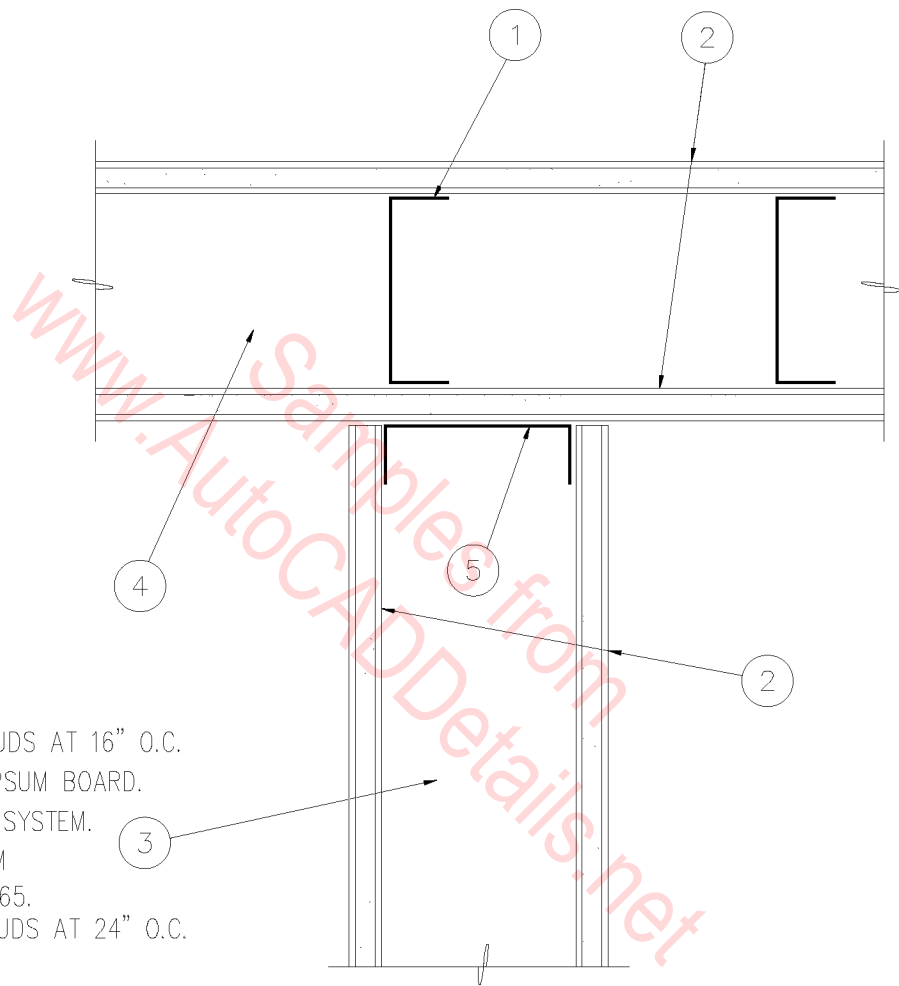
1. 5/8" TYPE 'X' GYPSUM BOARD.
2. INSULATION WHERE OCCURS.
3. MASONRY WALL.
4. 3-5/8" METAL STUDS
5. TAPE ALL JOINTS.
6. 1 HR CONSTRUCTION NON-BEARING WALL ASSEMBLY.  
UL DESIGN NO. U465.



## RESISTIVE WALL AT CMU

3" = 1'-0"

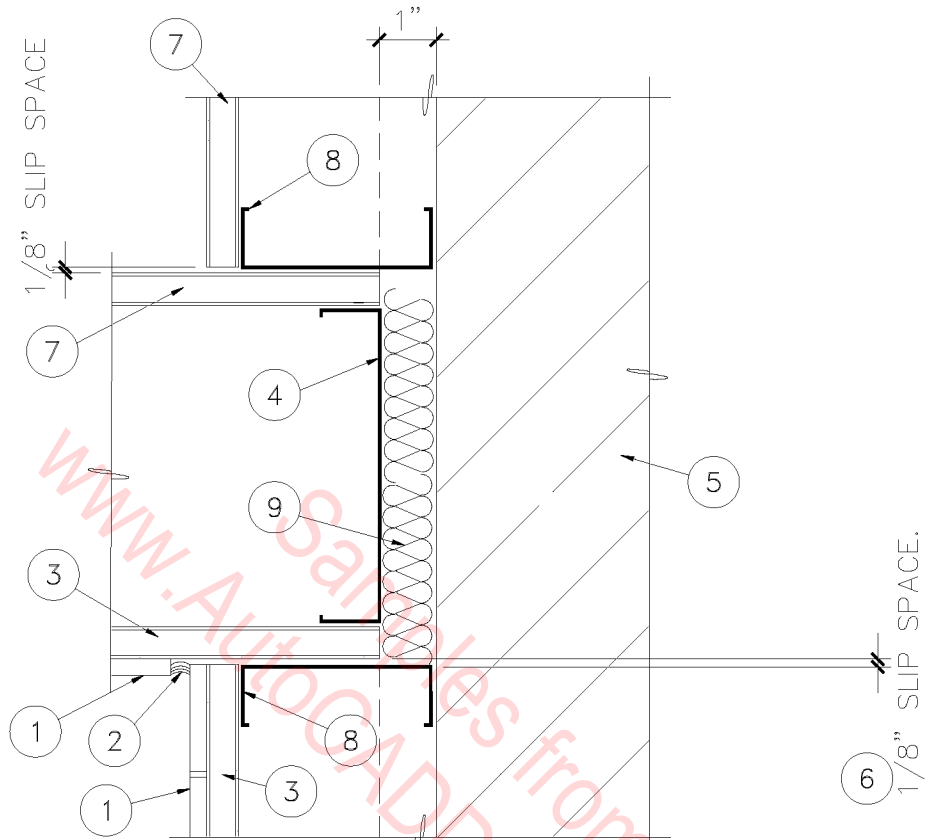
09A-4007



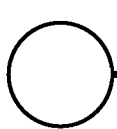
- 1. 3-5/8" METAL STUDS AT 16" O.C.
- 2. 5/8" TYPE 'X' GYPSUM BOARD.
- 3. NON-RATED WALL SYSTEM.
- 4. 1 HR WALL SYSTEM  
UL DESIGN NO. U465.
- 5. 3-5/8" METAL STUDS AT 24" O.C.

○ INTERSECTING WALL  
 3" = 1'-0"

09A-4008



1. CERAMIC TILE.
2. SEALANT.
3. 5/8" MOISTURE-RESISTANT GYPSUM BOARD.
4. METAL STUD. DO NOT ATTACH TO MASONRY WALL.
5. MASONRY WALL.
6. EXPANSION JOINT SPACE.
7. 5/8" TYPE 'X' GYPSUM BOARD.
8. METAL STUDS.
9. FIRE SAFING MATERIAL.

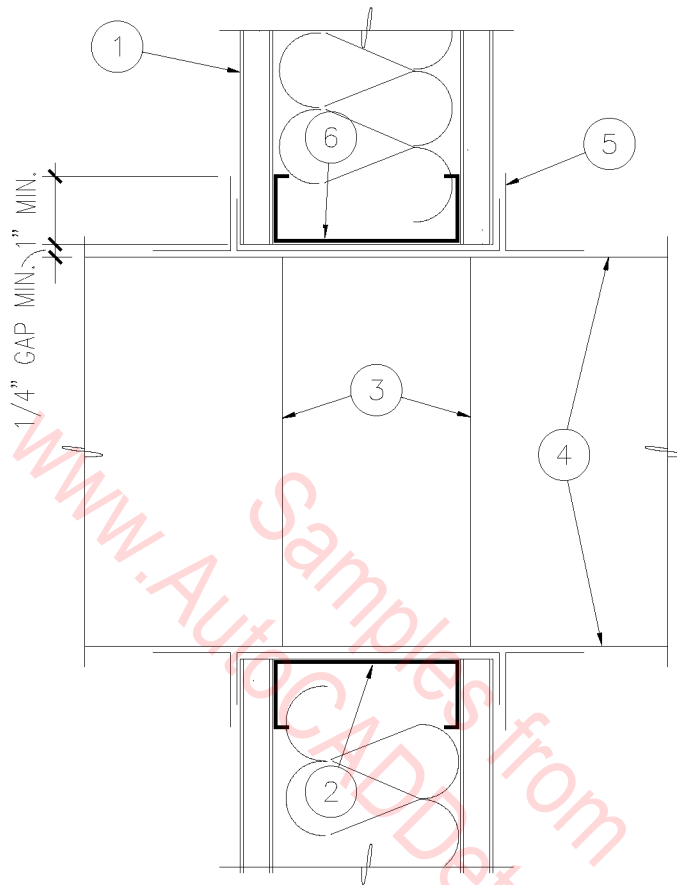


1 HOUR EXPANSION JOINT

3" = 1'-0"

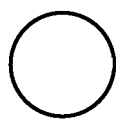
09A-4009





UL SAFETY STANDARD 555 AND NFPA 90A

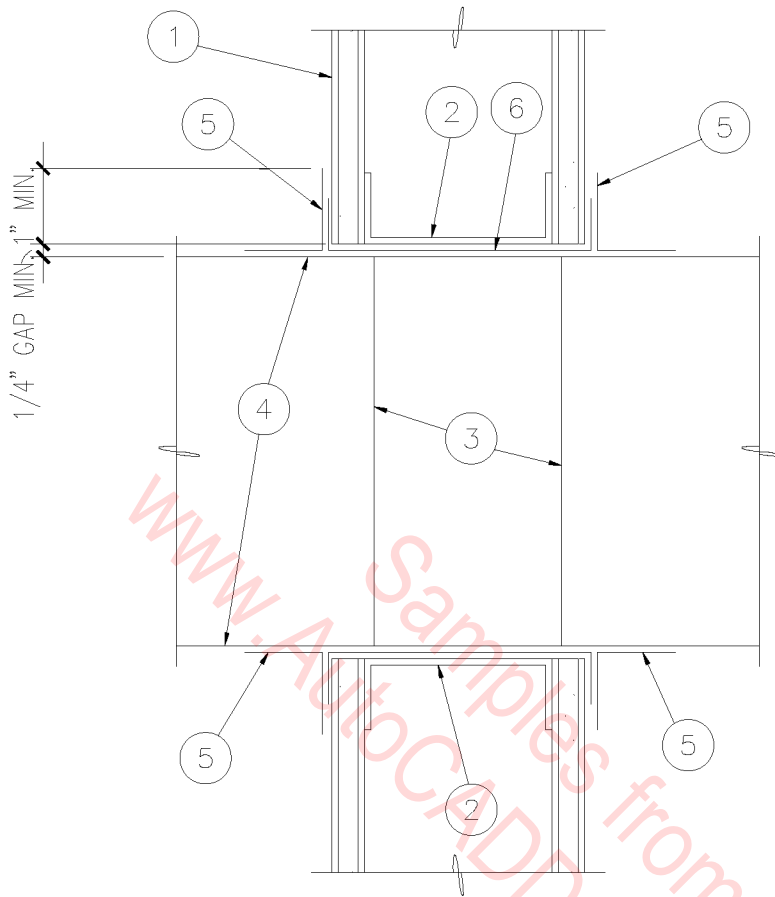
1. ONE HOUR WALL UL DESIGN NO. U465.
2. METAL RUNNER.
3. FIRE OR LEAKAGE (SMOKE) DAMPER. SEE MECHANICAL FOR TYPE AND LOCATION.
4. DAMPER SLEEVE SHALL NOT EXTEND MORE MORE THAN 9" ON THE OPERATOR/ACTUATOR SIDE.
5. ANGLE 1-1/2" X 1-1/2" X 14 GAGE.
6. 22 GA. G. I. SLEEVE.



## DUCT THRU WALL

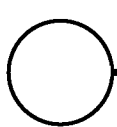
3" = 1'-0"

09A-4010



UL SAFETY STANDARD 555 AND NFPA 90A

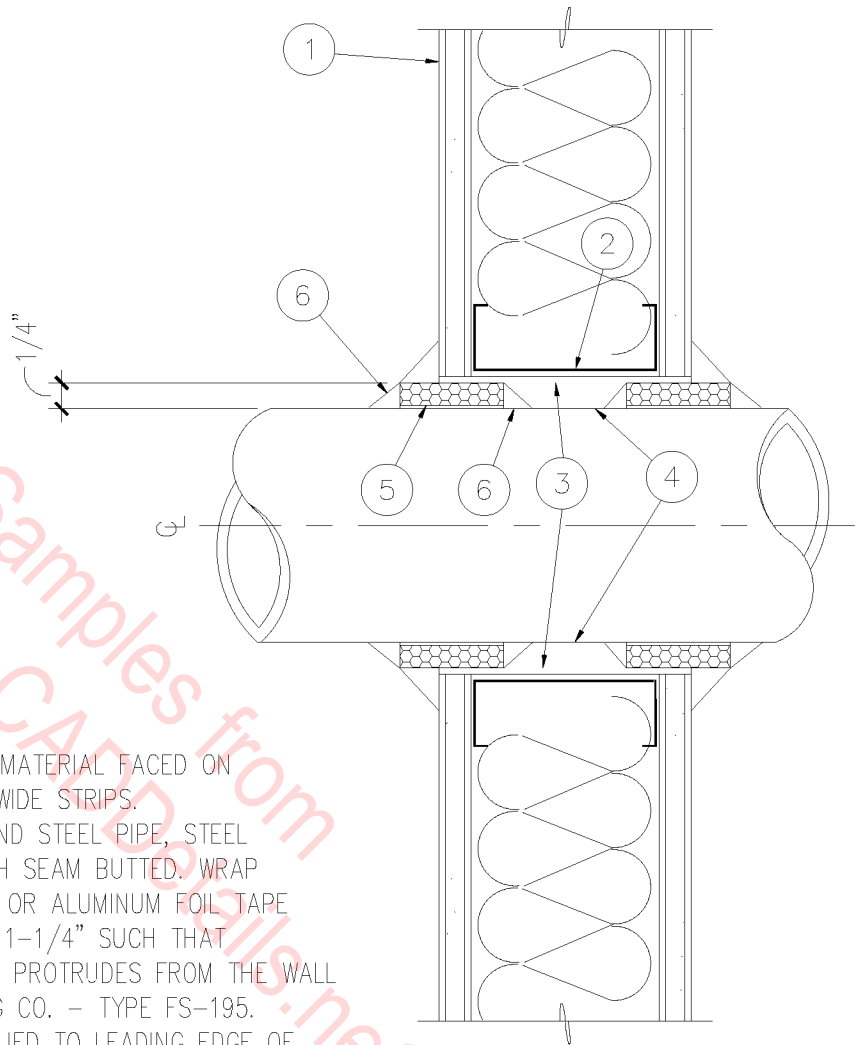
1. ONE HOUR WALL UBC 43-B, 15-1.1.
2. METAL RUNNER.
3. FIRE OR LEAKAGE (SMOKE) DAMPER.  
SEE MECHANICAL FOR TYPE AND LOCATION.
4. DAMPER SLEEVE SHALL NOT EXTEND MORE THAN 6" BEYOND THE FIRE WALL AND NOT MORE THAN 9" ON THE OPERATOR/ACTUATOR SIDE.
5. ANGLE 1-1/2" X 1-1/2" X 14 GAGE.
6. 22 GA. G. I. SLEEVE.



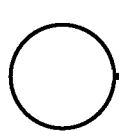
1 HR. DUCT PENETRATION

3" = 1'-0"

09A-4011



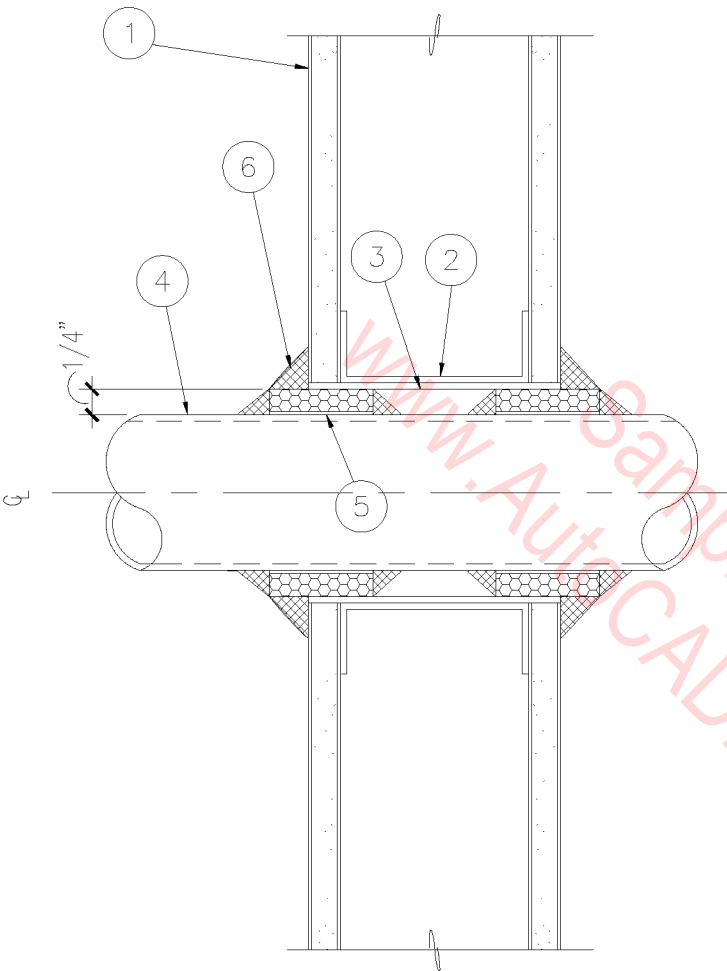
1. ONE HOUR WALL, UL DESIGN NO. U465.
2. 25 GA. G.I. RUNNER.
3. 22 GA. G.I. SLEEVE.
4. STEEL PIPE OR CONDUIT.
5. WRAP STRIP - 1/4" INTUMESCENT ELASTOMERIC MATERIAL FACED ON ONE SIDE WITH ALUMINUM FOIL, SUPPLIED IN 2" WIDE STRIPS. NOMINAL 2" WIDE STRIP TIGHTLY WRAPPED AROUND STEEL PIPE, STEEL CONDUIT OR PIPE COVERING (FOIL SIDE OUT) WITH SEAM BUTTED. WRAP STRIP LAYER SECURELY BOUND WITH STEEL WIRE OR ALUMINUM FOIL TAPE AND SLID INTO ANNULAR SPACE APPROXIMATELY 1-1/4" SUCH THAT APPROXIMATELY 3/4" OF THE WRAP STRIP WIDTH PROTRUDES FROM THE WALL SURFACE. MINNESOTA MINING & MANUFACTURING CO. - TYPE FS-195.
6. CAULK - MIN. 1/4" DIA. CONTINUOUS BEAD APPLIED TO LEADING EDGE OF WRAP STRIP PRIOR TO INSERTION OF WRAP STRIP LAYER IN ANNULAR SPACE. AFTER INSERTION OF WRAP STRIP LAYER IN ANNULAR SPACE A NOMINAL 1/4" DIA. CONTINUOUS BEAD IS TO BE APPLIED TO THE WRAP STRIP/WALL INTERFACE AND TO THE EXPOSED EDGE OF THE STRIP LAYER APPROXIMATELY 3/4" FROM THE WALL SURFACE. MINNESOTA MINING & MANUFACTURING CO. - TYPES CP-25 S/L, CP-25 N/S UL THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ) SYSTEM NO. 148.



PIPE THRU RESIST. WALL

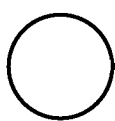
3" = 1'-0"

09A-4012



1. ONE HOUR WALL, UBC 43-B, 15-1.1.
2. 25 GA. G.I. RUNNER.
3. 22 GA. G.I. SLEEVE.
4. STEEL PIPE OR CONDUIT.
5. WRAP STRIP - 1/4" INTUMESCENT ELASTOMERIC MATERIAL FACED ON ONE SIDE WITH ALUMINUM FOIL, SUPPLIED IN 2" WIDE STRIPS. NOMINAL 2" WIDE STRIP TIGHTLY WRAPPED AROUND STEEL PIPE, STEEL CONDUIT OR PIPE COVERING (FOIL SIDE OUT) WITH SEAM BUTTED. WRAP STRIP LAYER SECURELY BOUND WITH STEEL WIRE OR ALUMINUM FOIL TAPE AND SLID INTO ANNULAR SPACE APPROXIMATELY 1-1/4" SUCH THAT APPROXIMATELY 3/4" OF THE WRAP STRIP WIDTH PROTRUDES FROM THE WALL SURFACE.  
MINNESOTA MINING & MANUFACTURING CO. TYPE FS-195.
6. CAULK - MIN. 1/4" DIA. CONTINUOUS BEAD APPLIED TO LEADING EDGE OF WRAP STRIP PRIOR TO INSERTION OF WRAP STRIP LAYER IN ANNULAR SPACE. AFTER INSERTION OF WRAP STRIP LAYER IN ANNULAR SPACE A NOMINAL 1/4" DIA. CONTINUOUS BEAD IS TO BE APPLIED TO THE WRAP STRIP / WALL INTERFACE AND TO THE EXPOSED EDGE OF THE STRIP LAYER APPROXIMATELY 3/4" FROM THE WALL SURFACE.  
MINNESOTA MINING & MANUFACTURING CO. TYPES CP-25 S/L, CP-25 N/S.

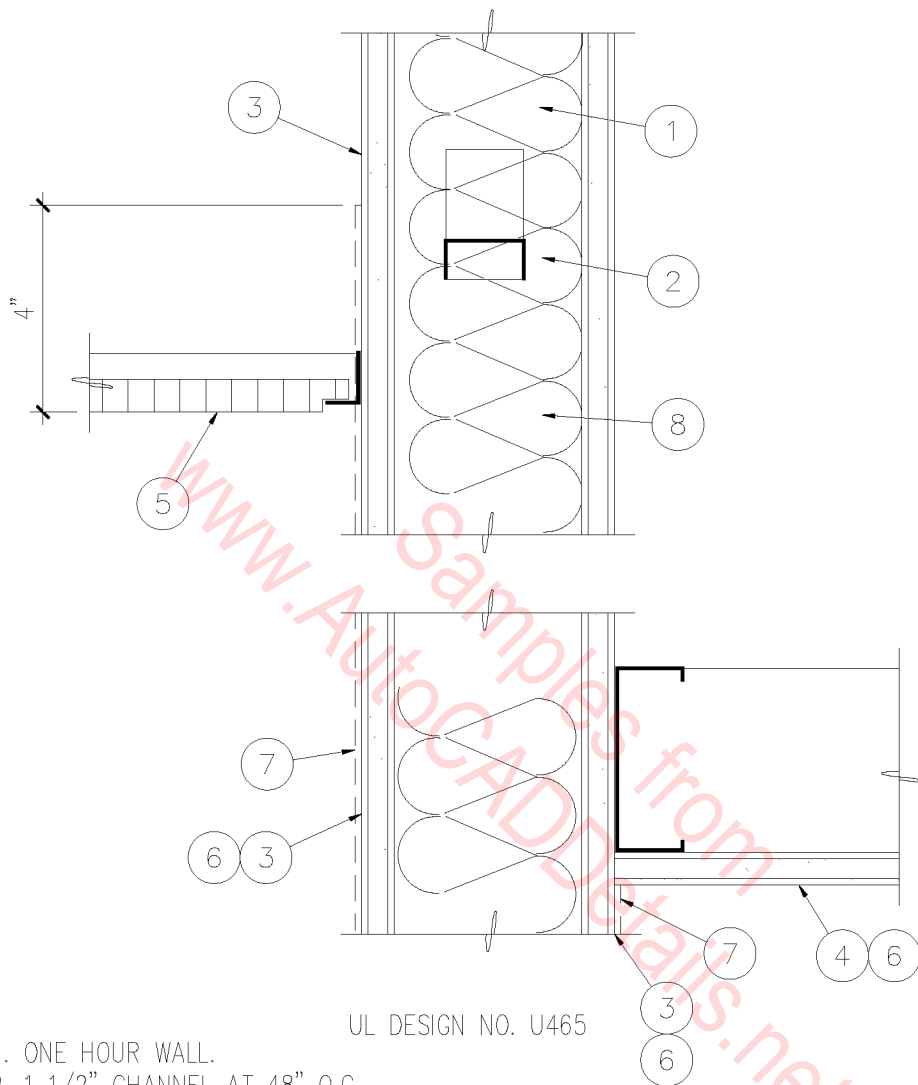
UL THROUGH-PENETRATION FIRESTOP SYSTEMS  
(XHEZ) SYSTEM NO. 148



## CONDUIT PENETRATION

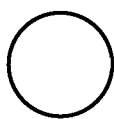
3" = 1'-0"

09A-4013



UL DESIGN NO. U465

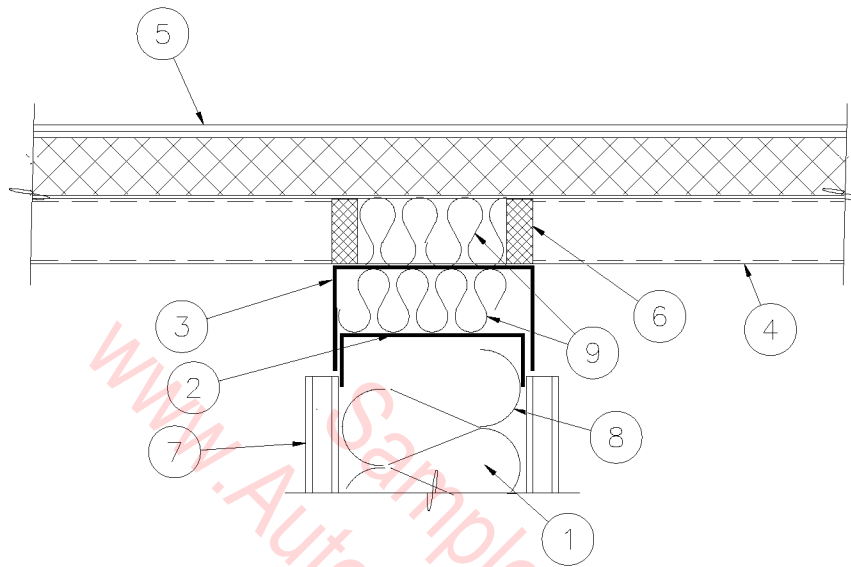
1. ONE HOUR WALL.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE "X" GYPSUM BOARD ON METAL STUDS (CEILING JOISTS).
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID - WHERE APPLICABLE.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. CERAMIC TILE ON GLASS MESH MORTAR UNITS, IN LIEU OF GYPSUM BOARD WHERE APPLICABLE.
8. 3-5/8" METAL STUDS UNLESS NOTED OTHERWISE.



# CEILING AT 1 HR. WALL

3" = 1'-0"

09A-4014

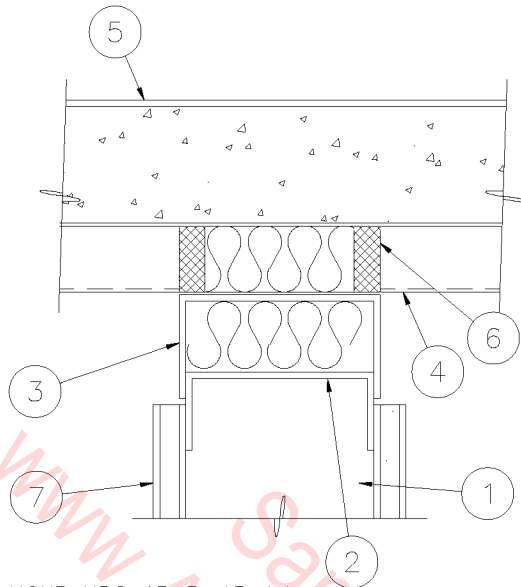


UL DESIGN NO. U465 ONE HOUR RATED WALL  
 UL THROUGH-PENETRATION FIRESTOP SYSTEM DESIGN NO. 327

1. 3 5/8" METAL STUDS AT 16" O.C.
2. METAL RUNNER.
3. METAL RUNNER WITH 2" LEG.
4. METAL DECK.
5. ROOFING SYSTEM.
6. 1/2" 'TREMCO' FYRE-SIL SEALANT ON EACH SIDE OF FIRE SAFING.
7. 5/8" TYPE "X" GYPSUM BOARD.
8. R-11 3 1/2" BATT SOUND INSULATION WHERE APPLICABLE.
9. FIRE SAFING INSULATION.

○ WALL AT ROOF DECK  
 3" = 1'-0"

09A-4015

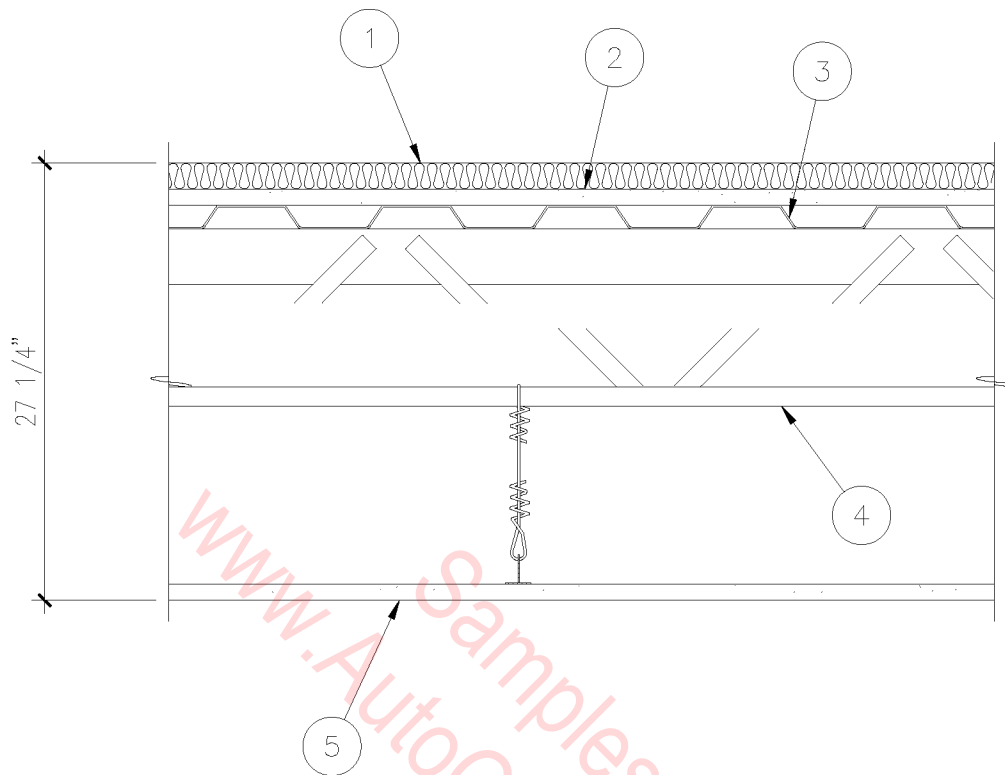


ONE HOUR UBC 43-B, 15-1.1  
UL THROUGH-PENETRATION FIRESTOP SYSTEM DESIGN NO. 327

1. 3 5/8" METAL STUDS AT 16" O.C.
2. METAL RUNNER.
3. METAL RUNNER WITH 2" LEG.
4. METAL DECK.
5. CLASS "A" ROOFING SYSTEM ON LIGHT WEIGHT CONCRETE.
6. 1/2" 'TREMCO' FYRE-SIL SEALANT ON EACH SIDE OF FIRE SAFING MATERIAL.
7. 5/8" TYPE "X" GYPSUM BOARD.
8. FIRE SAFING INSULATION.

○ 1 HR. WALL AT ROOF  
3" = 1'-0"

09A-4016



1. MINIMUM OF 1" ROOF INSULATION.
2. 5/8" GYPSUM BOARD OVER STEEL DECK.
3. STEEL ROOF DECK.
4. BAR JOIST.
5. 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL CEILING.

NOTES:

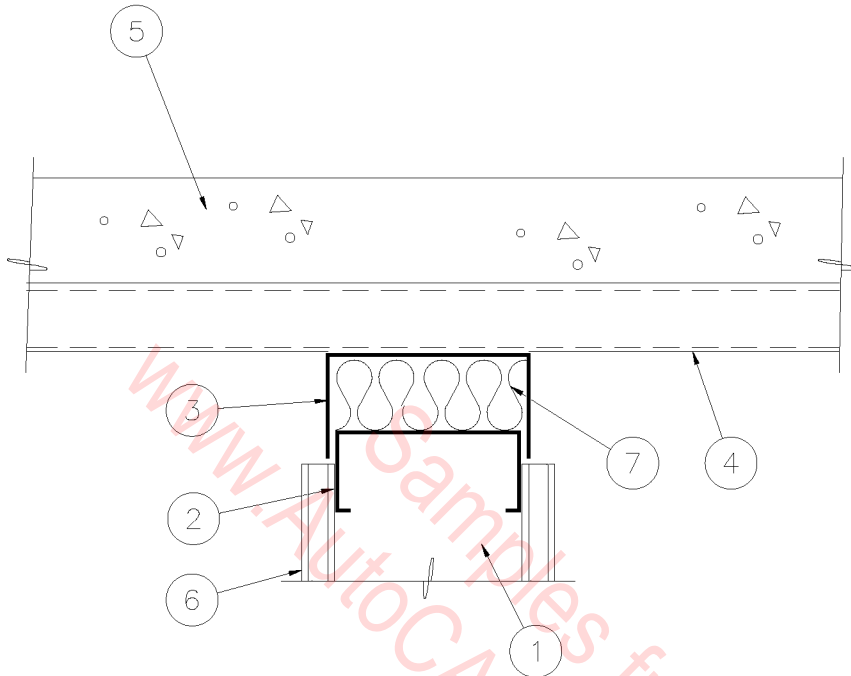
- A. SUSPENDED GRID WITH MAIN RUNNER AT 4'-0" ON CENTER AND CROSS TEE AT 2'-0" ON CENTER.
- B. GYPSUM PANELS SCREW ATTACHED BELOW GRID.
- C. JOINTS STAGGERED AND FINISHED.
- D. 1 HOUR RATING BASED ON ASSEMBLY WITH 1/2" THICK PANELS.

○ 1-1/2 HR.UL DES P510

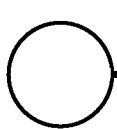
1 1/2" = 1'-0"

09A-4017





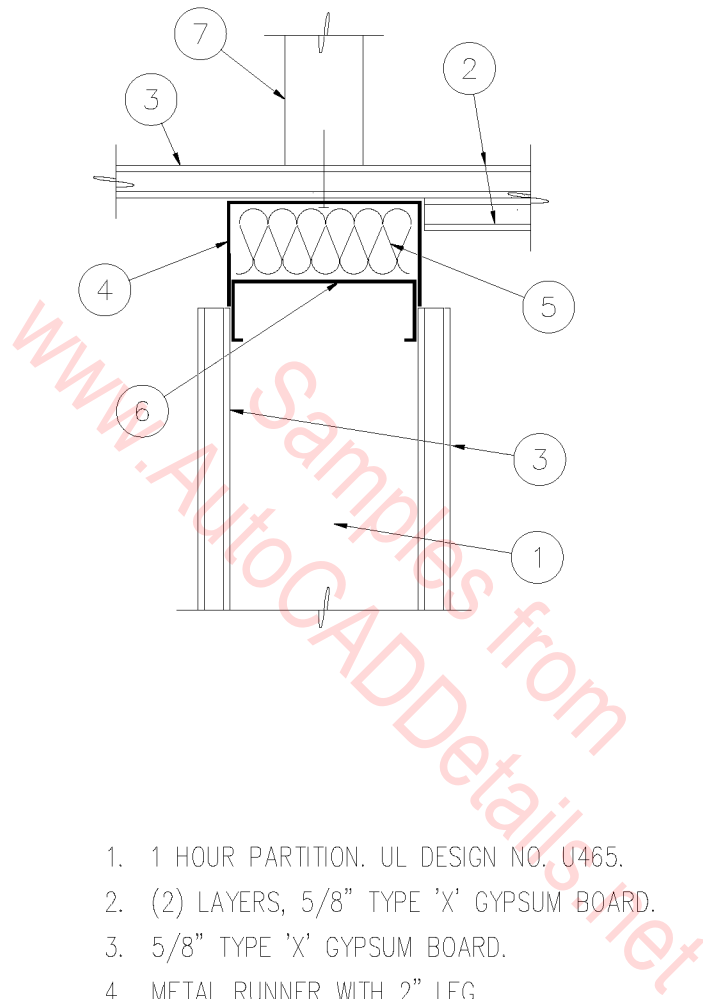
- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1. 3 5/8" METAL STUDS AT<br>16" O.C. | 6. 5/8" TYPE "X" GYPSUM<br>BOARD. |
| 2. METAL RUNNER.                     | 7. FIRE SAFING MATERIAL.          |
| 3. METAL RUNNER WITH 2" LEG.         |                                   |
| 4. METAL DECK.                       |                                   |
| 5. LIGHT WEIGHT CONCRETE.            |                                   |



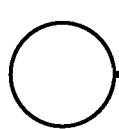
1 HR. WALL AT DECK

1" = 1'-0"

09A-4018



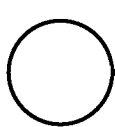
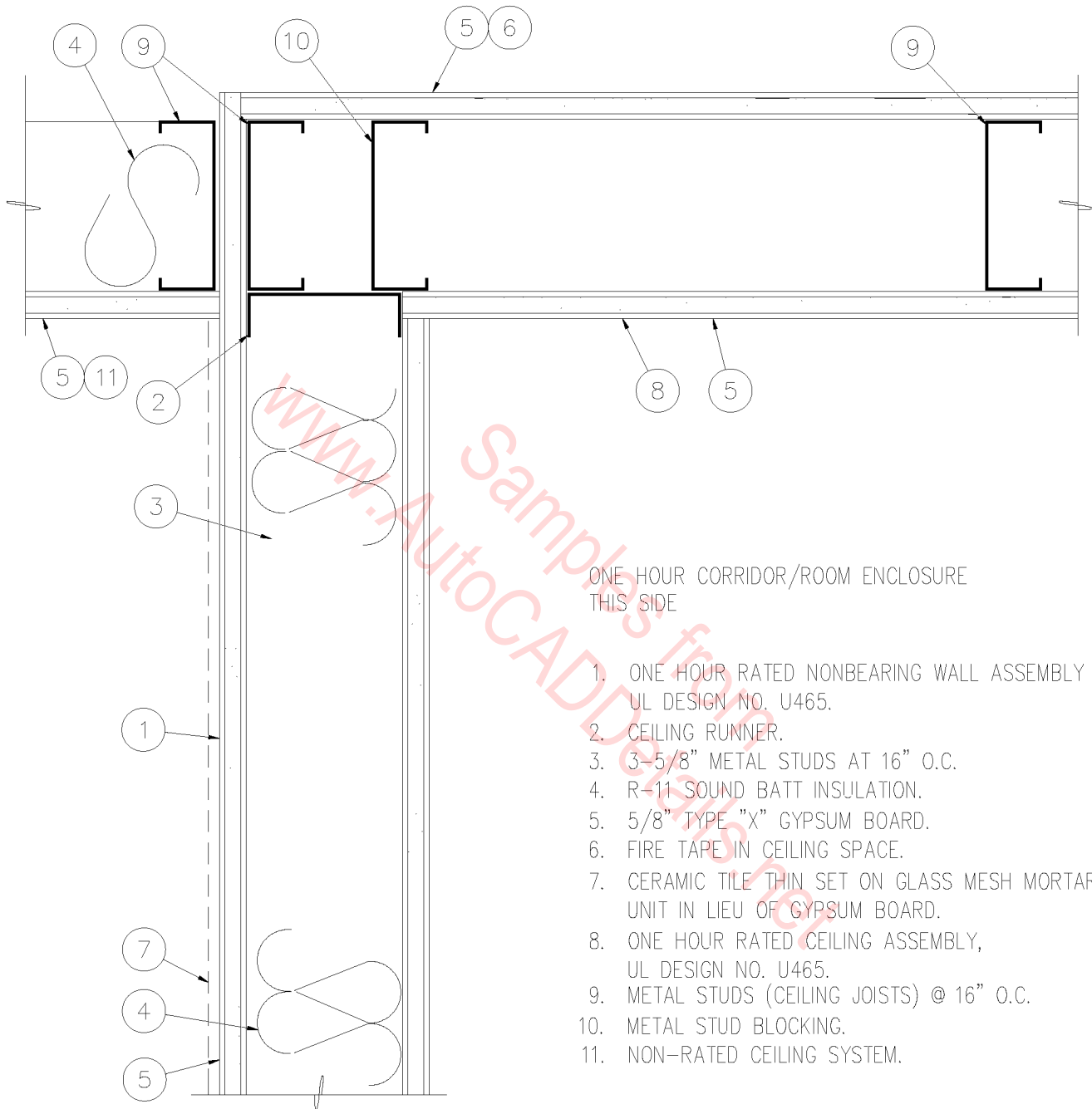
1. 1 HOUR PARTITION. UL DESIGN NO. U465.
2. (2) LAYERS, 5/8" TYPE 'X' GYPSUM BOARD.
3. 5/8" TYPE 'X' GYPSUM BOARD.
4. METAL RUNNER WITH 2" LEG.
5. FIRE SAFING INSULATION.
6. METAL RUNNER.
7. JOIST.



# 1 HOUR WALL AT CEILING

3" = 1'-0"

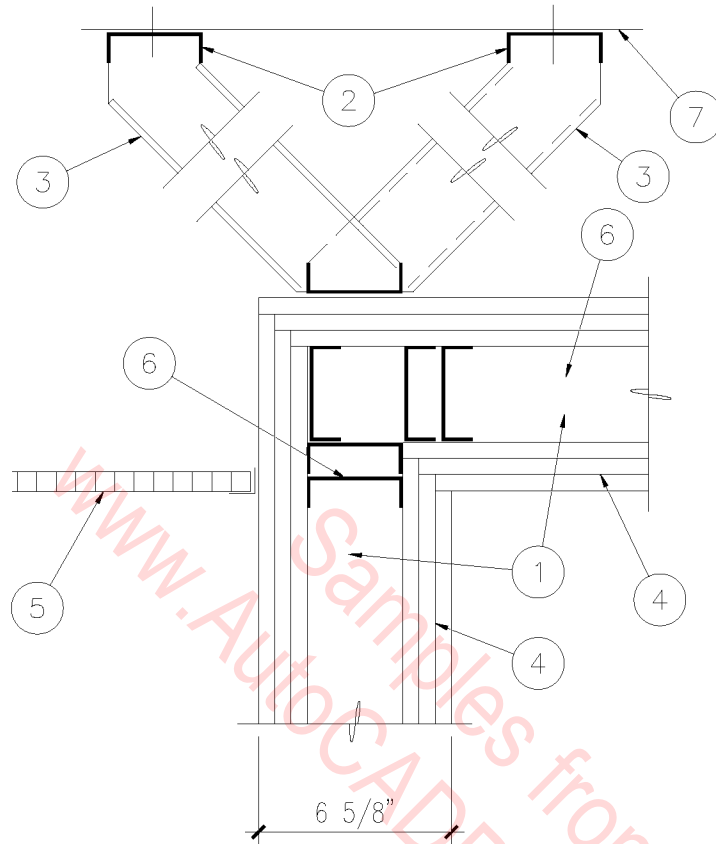
09A-4019



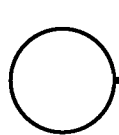
# 1 HOUR CORRIDOR

3" = 1'-0"

09A-4020



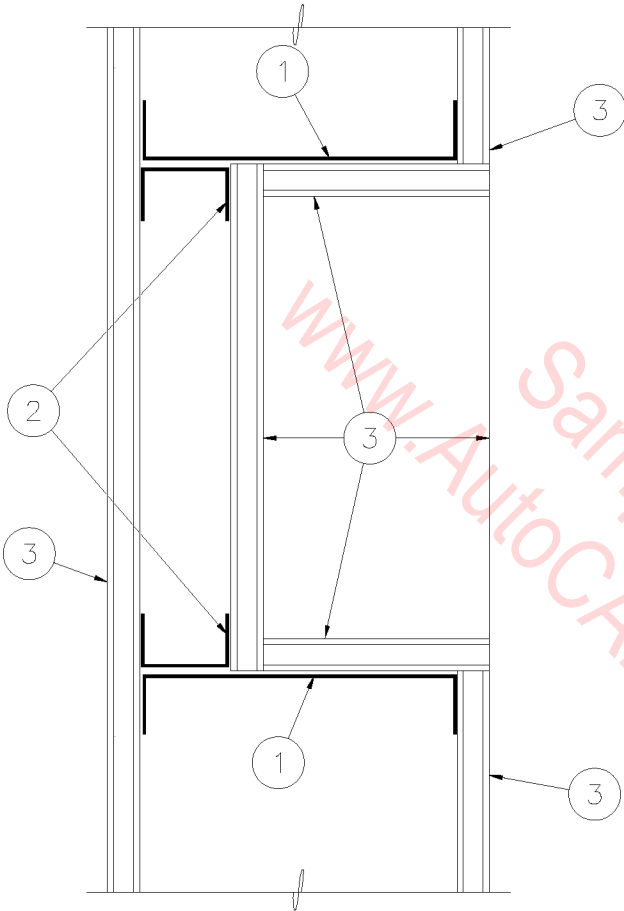
1. 3 HOUR FIRE ASSEMBLY.  
UL DESIGN NO. U425.
2. ANCHOR RUNNER TO  
STRUCTURE ABOVE.
3. 3-5/8" METAL STUD BRACING  
AT 48" O.C. STAGGERED.
4. (3) LAYERS OF 1/2" TYPE 'X'  
GYPSUM BOARD BOTH SIDES.
5. LAY-IN ACOUSTICAL CEILING.
6. 3-5/8" METAL STUDS.
7. STRUCTURE ABOVE.



## 3 HOUR WALL/CEILING

3" = 1'-0"

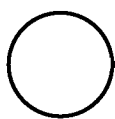
09A-4021



UL DESIGN  
NO. U465.

1. 6" METAL STUDS AT 16" O.C.
2. 1-5/8" METAL STUDS.
3. 5/8" TYPE 'X' GYPSUM BOARD,  
MUST COMPLETELY ENCLOSE  
RECESS ON ALL SIDES, TOP  
AND BOTTOM.

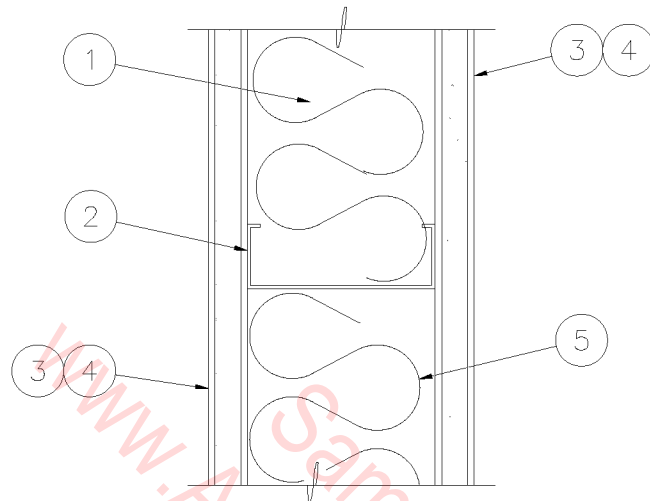
PLAN OR SECTION.



RECESS IN 1 HOUR WALL

3" = 1'-0"

09A-4022

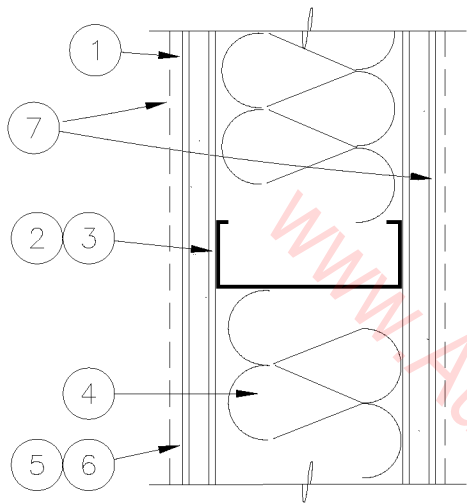


TWO HOUR RATED NONBEARING WALL ASSEMBLY, UL DESIGN NO. U491

1. FLOOR & CEILING RUNNER (NOT SHOWN) 25 GA. WITH 1" HIGH RETURN LEGS, 3-5/8" WIDE. ANCHOR TO FLOOR AND CEILING WITH FASTENERS AT 24" O.C.
2. 3-5/8" WIDE X 1-5/16 LEGS, 3/8" RETURN X 25 GA. METAL STUDS AT 16" O.C.
3. 3/4" TYPE "X" GYPSUM BOARD WITH 1" TYPE "S" NO. 6 DRYWALL SCREWS TO EACH STUD. SELF-TAPPING STEEL SCREWS AT 8" O.C. ALONG EDGES OF BOARD AND 12" O.C. IN THE FIELD. JOINTS STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.
4. JOINT TAPE AND COMPOUND - PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS IN CEILING SPACE, ADDITIONAL COMPOUND AND TEXTURE REQUIRED IN EXPOSED AREAS.
5. 3" 'THERMAFIBER SAFB' BATT INSULATION.

○ 2 HOUR WALL  
 3" = 1'-0"

09A-4023

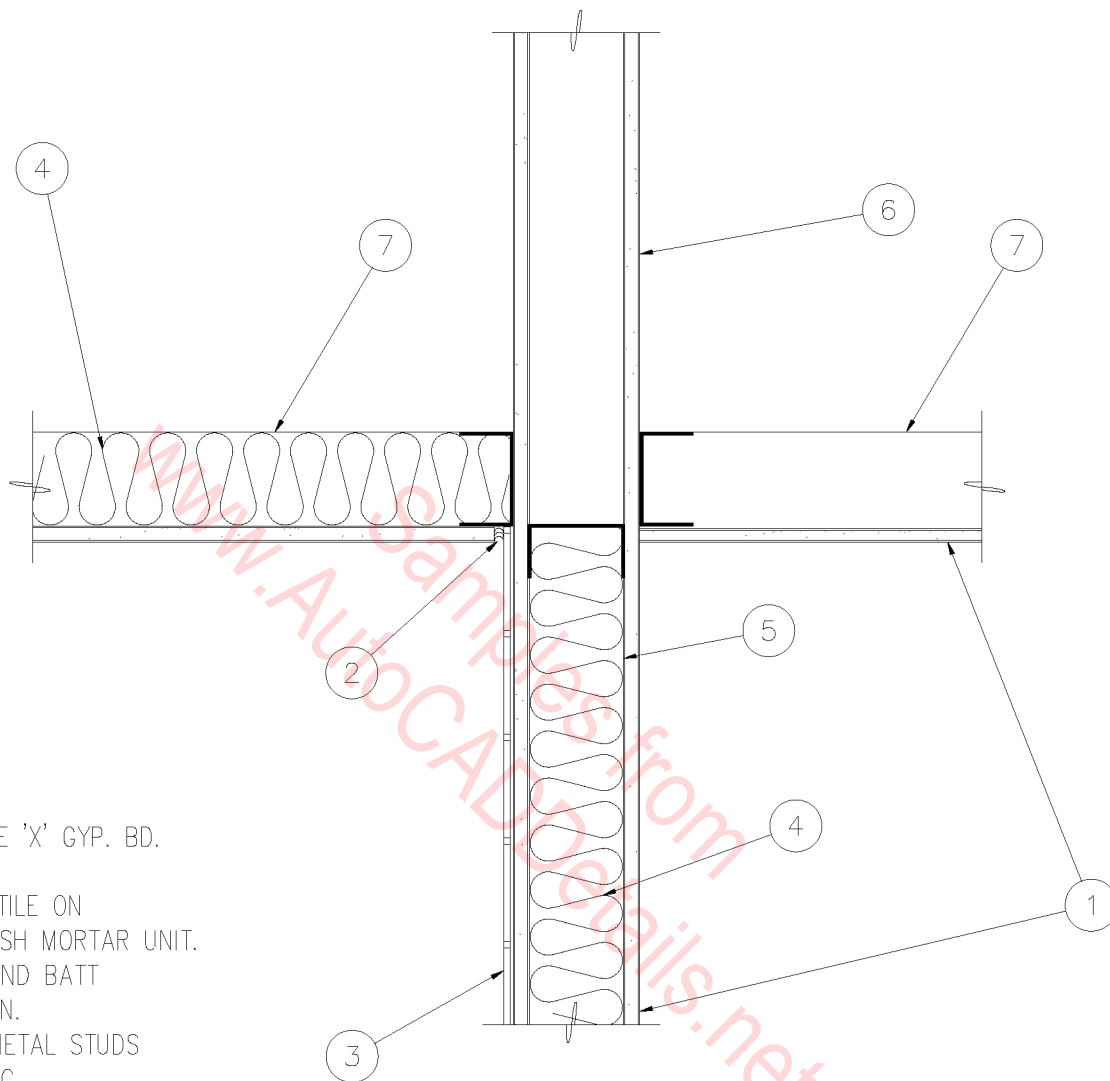


UL DESIGN NO. U465

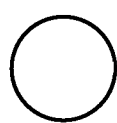
1. ONE HOUR NONBEARING WALL ASSEMBLY  
UL DESIGN NO. U465.
2. FLOOR & CEILING RUNNER (NOT SHOWN) 25 GA.  
WITH 1" HIGH RETURN LEGS, 3-5/8" WIDE.  
ANCHOR TO FLOOR AND CEILING WITH  
FASTENERS AT 24" O.C.
3. 3-5/8" WIDE X 1-5/16" LEGS, 3/8" RETURN  
X 25 GA. METAL STUDS AT 16" O.C.  
1-5/16" LEGS, 3/8" RETURN.
4. R-11, 3-1/2" SOUND BATT INSULATION,  
WHERE APPLICABLE.
5. 5/8" TYPE "X" GYPSUM BOARD WITH 1" TYPE "S"  
SELF-TAPPING STEEL SCREWS AT 8" O.C.  
ALONG EDGES OF BOARD AND 12" O.C.  
IN THE FIELD. JOINTS STAGGERED ON  
OPPOSITE SIDES OF THE ASSEMBLY.
6. JOINT TAPE AND COMPOUND - PREMIXED JOINT  
COMPOUND APPLIED IN TWO COATS TO JOINTS  
AND SCREW HEADS; PAPER TAPE, 2" WIDE,  
EMBEDDED IN FIRST LAYER OF COMPOUND  
OVER ALL JOINTS IN CEILING SPACE (FIRE TAPE),  
ADDITIONAL COMPOUND AND TEXTURE REQUIRED  
IN EXPOSED AREAS.
7. CERAMIC TILE ON GLASS MESH MORTAR UNIT  
IN LIEU OF GYPSUM BOARD WHERE APPLICABLE.

○ 1 HOUR WALL  
3" = 1'-0"

09A-4024



1. 5/8" TYPE 'X' GYP. BD.
2. SEALANT.
3. CERAMIC TILE ON  
GLASS MESH MORTAR UNIT.
4. R-11 SOUND BATT  
INSULATION.
5. 3-5/8" METAL STUDS  
AT 16" O.C.
6. ONE HOUR WALL  
ASSEMBLY.
7. METAL STUD (CEILING  
JOIST).

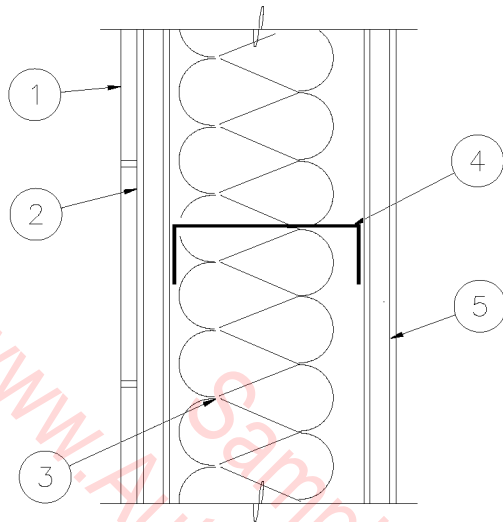


## SOUND WALL

1-1/2" = 1'-0"

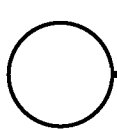
09A-4025





UL DESIGN NO. U445 SIMILAR

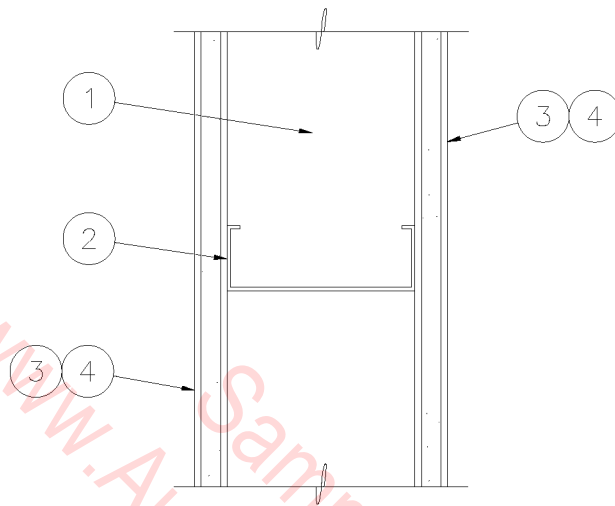
1. CERAMIC TILE.
2. 1/2" CEMENT BOARD ATTACHED TO STUDS WITH 1-5/8" LONG TYPE 'S' CORROSION RESISTANT SCREWS AT 6" O.C. TAPE JOINTS WITH GLASS FIBER MESH TAPE.
3. BATT INSULATION.
4. 3-5/8" METAL STUDS AT 16" O.C.
5. 5/8" TYPE 'X' GYPSUM BOARD ATTACHED TO STUDS WITH 1" LONG SELF-TAPPING SCREWS AT 8" O.C.



1 HOUR RESISTIVE WALL

3" = 1'-0"

09A-4026



ONE HOUR RATED NONBEARING WALL ASSEMBLY; UBC 43-B, 15-1.1

1. FLOOR & CEILING RUNNER (NOT SHOWN) 25 GA. WITH 1" HIGH RETURN LEGS, 3-5/8" WIDE. ANCHOR TO FLOOR AND CEILING WITH FASTENERS AT 24" O.C.
2. 3-5/8" WIDE X 1-5/16 LEGS, 3/8" RETURN X 25 GA. METAL STUDS AT 16" O.C.
3. 5/8" TYPE X GYPSUM BOARD WITH 1" TYPE S NO. 6 DRYWALL SCREWS TO EACH STUD. SELF-TAPPING STEEL SCREWS AT 8" O.C. ALONG EDGES OF BOARD AND 12" O.C. IN THE FIELD. JOINTS STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.
4. JOINT TAPE AND COMPOUND - PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS IN CEILING SPACE, ADDITIONAL COMPOUND AND TEXTURE REQUIRED IN EXPOSED AREAS, SEE SPECIFICATIONS AND ROOM FINISH SCHEDULE.

○ 1 HOUR RESISTIVE WALL

3" = 1'-0"

09A-4027

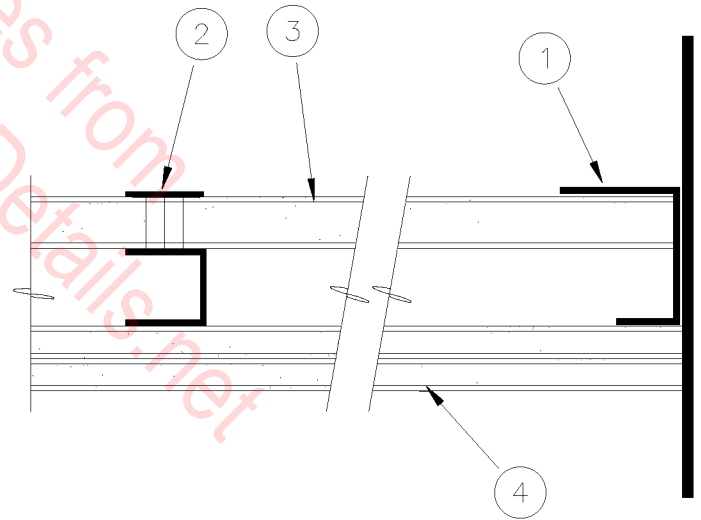
# FIRE-RESISTIVE CONSTRUCTION

1. 'J' SHAPED RUNNER CHANNEL, 2-1/2" WIDE W/ UNEQUAL LEGS OF 1" AND 2", MIN. 24 GA. STEEL. RUNNER POSITIONED W/ SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORT OR ADJACENT RUNNERS W/ STEEL FASTENERS LOCATED NOT GREATER THAN 2" FROM ENDS AND NOT GREATER THAN 24" O.C.
2. 2-1/2" WIDE 25 GA. STEEL "C-H" STUDS. MAX. 24" O.C.
3. 1" THICK GYP. BD. LINER PANELS BEARING U.L. CLASSIFICATION MARKING. EDGES INSERTED IN 'H' - SHAPED SECTION OF 'C-H' STUDS W/ FREE END OF PANEL ATTACHED TO LONG LEG OF J-RUNNER W/ 1-5/8" LONG TYPE "S" SELF-DRILLING STEEL SCREWS @ 12" O.C. MAX.
4. TWO LAYERS 5/8" TYPE "X" GYP. BD. BASE LAYER ATTACHED TO STUDS W/ 1" LONG TYPE S SELF-DRILLING STEEL SCREWS @ 24" O.C. ALONG THE EDGES AND IN THE FIELD OF THE BOARDS. FACE LAYER ATTACHED TO STUDS AND 'J' RUNNERS W/ 1-5/8" LONG TYPE S SELF-DRILLING STEEL SCREWS AT 12" O.C. ALONG THE EDGES AND IN THE FIELD OF THE BOARDS. STAGGER SCREWS AND PANEL JOINTS BETWEEN INNER AND OUTER LAYER.

NOTE: DETAIL PROVIDES 2-HR FIRE RESISTIVE SHAFT WALL ASSEMBLY PER U.L. DESIGN NO. U438

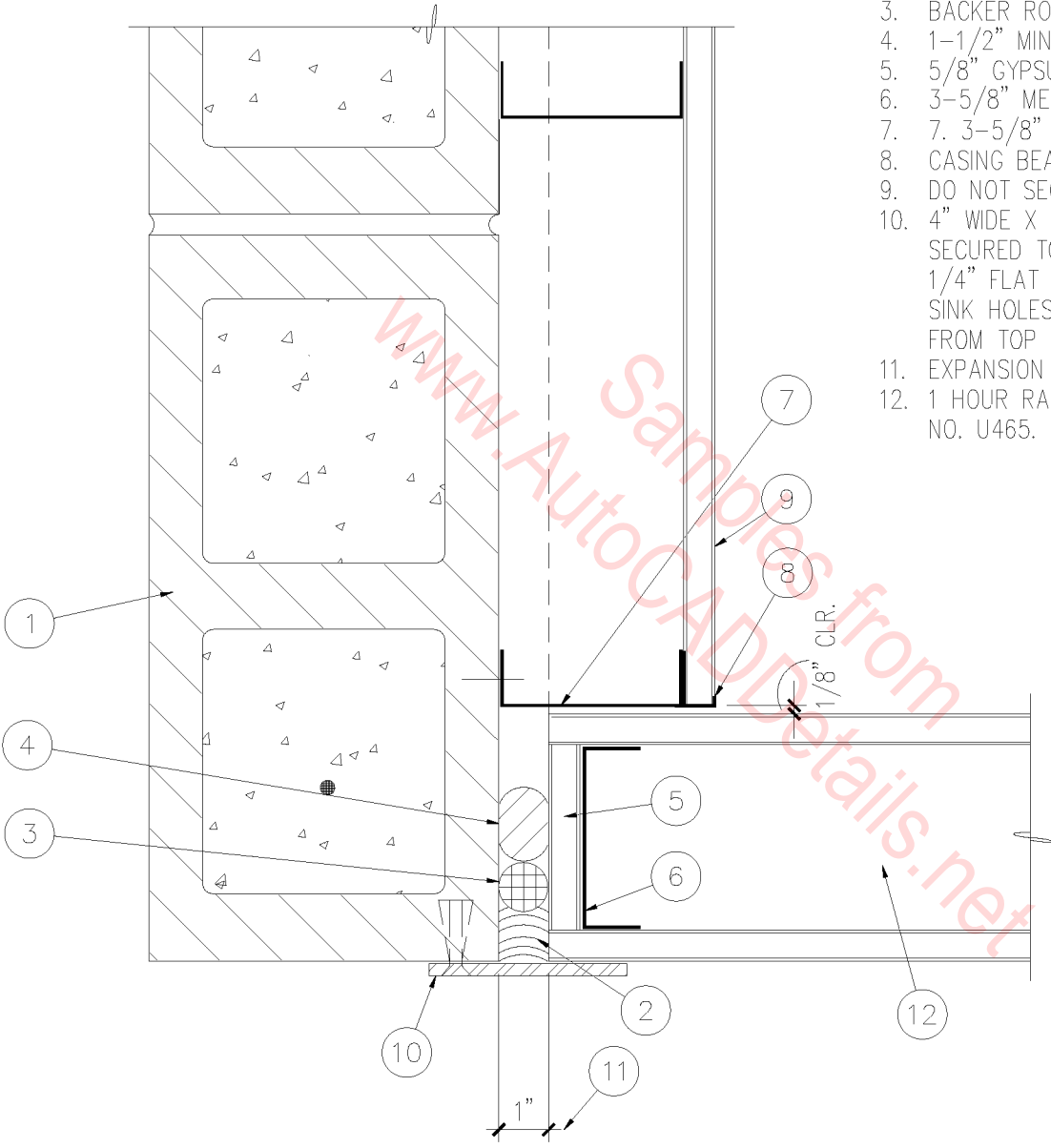
## GENERAL NOTE

ALL PENETRATIONS OF FIRE-RESISTANT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UNDERWRITERS LABORATORIES LISTINGS FOR "THROUGH-PENETRATION FIRE STOP SYSTEMS". THE CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS, FURNISHED BY THE MANUFACTURER OF THE FIRE STOP MATERIAL, WHICH SHOW COMPLETE CONFORMANCE TO THE UL LISTING TO THE ARCHITECT, AND SUCH DRAWINGS SHALL BE AVAILABLE TO THE LOCAL BUILDING INSPECTORS. THE DRAWINGS SHALL BE SPECIFIC FOR EACH PENETRATION, WITH ALL VARIABLES DEFINED.



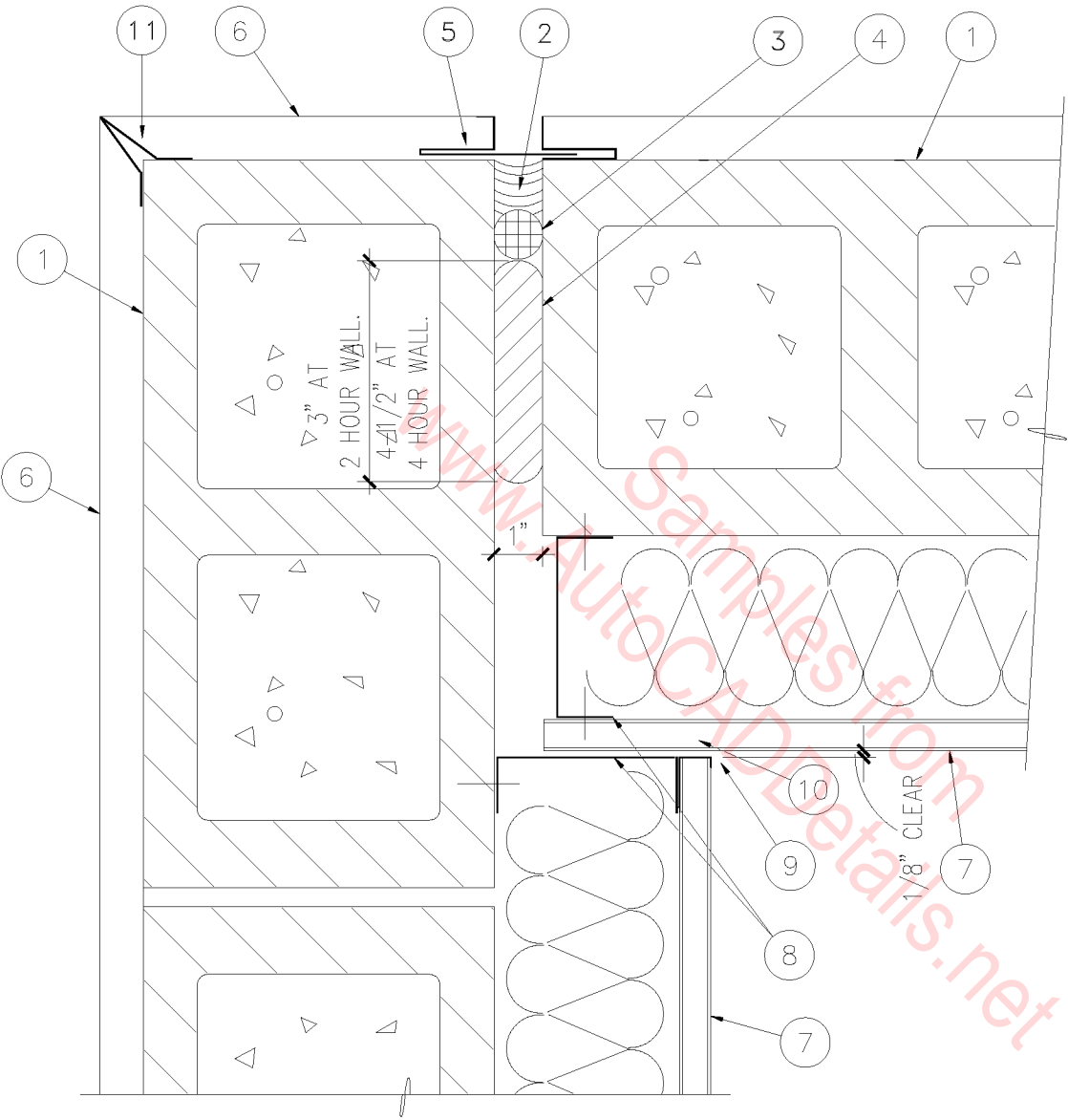
○ 2 HOUR SHAFT WALL  
3' = 1'-0"

09A-4028



1. MASONRY WALL.
2. SEALANT, 7/8" MIN. DEPTH.
3. BACKER ROD.
4. 1-1/2" MIN. CERAMIC FIBER BLANKET INSULATION.
5. 5/8" GYPSUM BOARD. WRAP AROUND END STUD.
6. 3-5/8" METAL STUD.
7. 7. 3-5/8" METAL STUD. SECURE TO MASONRY.
8. CASING BEAD.
9. DO NOT SECURE WALLS TOGETHER AT CORNER.
10. 4" WIDE X 1/4" THICK STEEL PLATE CLOSURE. SECURED TO MASONRY AT ONE SIDE ONLY WITH 1/4" FLAT HEAD EXPANSION SCREWS IN COUNTER-SINK HOLES AT 24" O.C. PLATE CONTINUOUS FROM TOP OF BASE TO CEILING.
11. EXPANSION JOINT.
12. 1 HOUR RATED CONSTRUCTION PER UL DESIGN NO. U465.

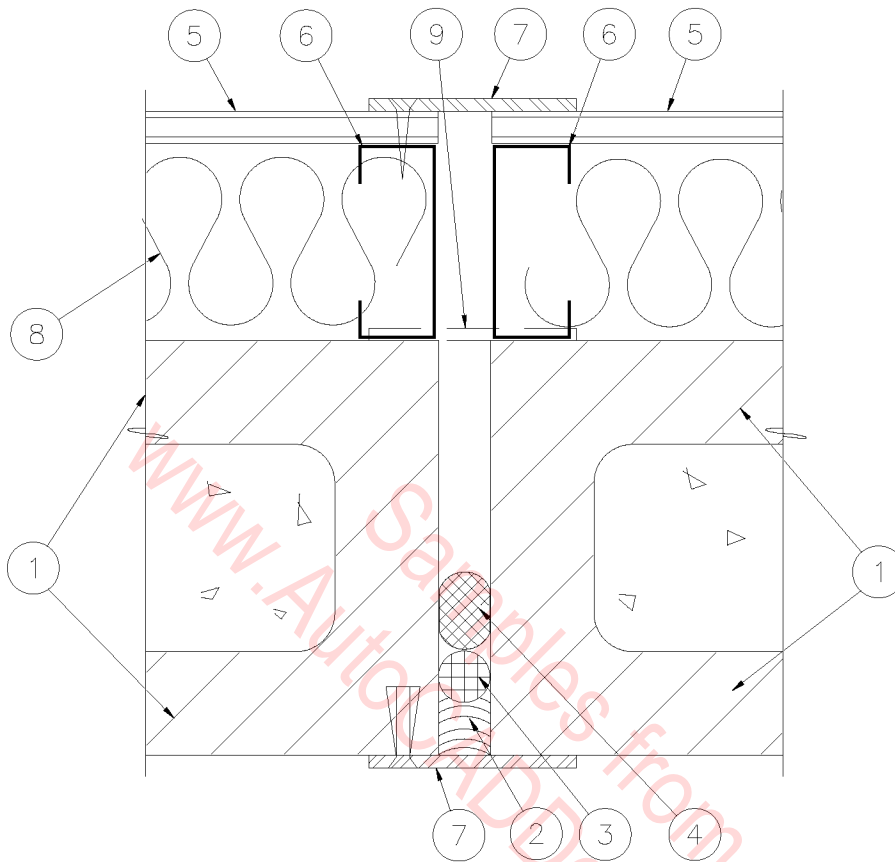
○ 1 HOUR EXPANSION JOINT  
 3" = 1'-0" 09A-4029



1. MASONRY WALL.
2. SEALANT, 7/8" MIN. DEPTH.
3. BACKER ROD.
4. CERAMIC FIBER BLANKET INSULATION.
5. PLASTER SLIP JOINT.
6. CEMENT PLASTER.
7. 5/8" "X" GYPSUM BOARD.
8. 3-5/8" METAL STUDS. SECURE TO MASONRY.
9. CASING BEAD.
10. DO NOT SECURE FURRED WALLS TOGETHER AT CORNER.
11. PLASTER CORNER BEAD.

○ 2 & 4 HOUR EXP. JOINT  
 3" = 1'-0"

09A-4030

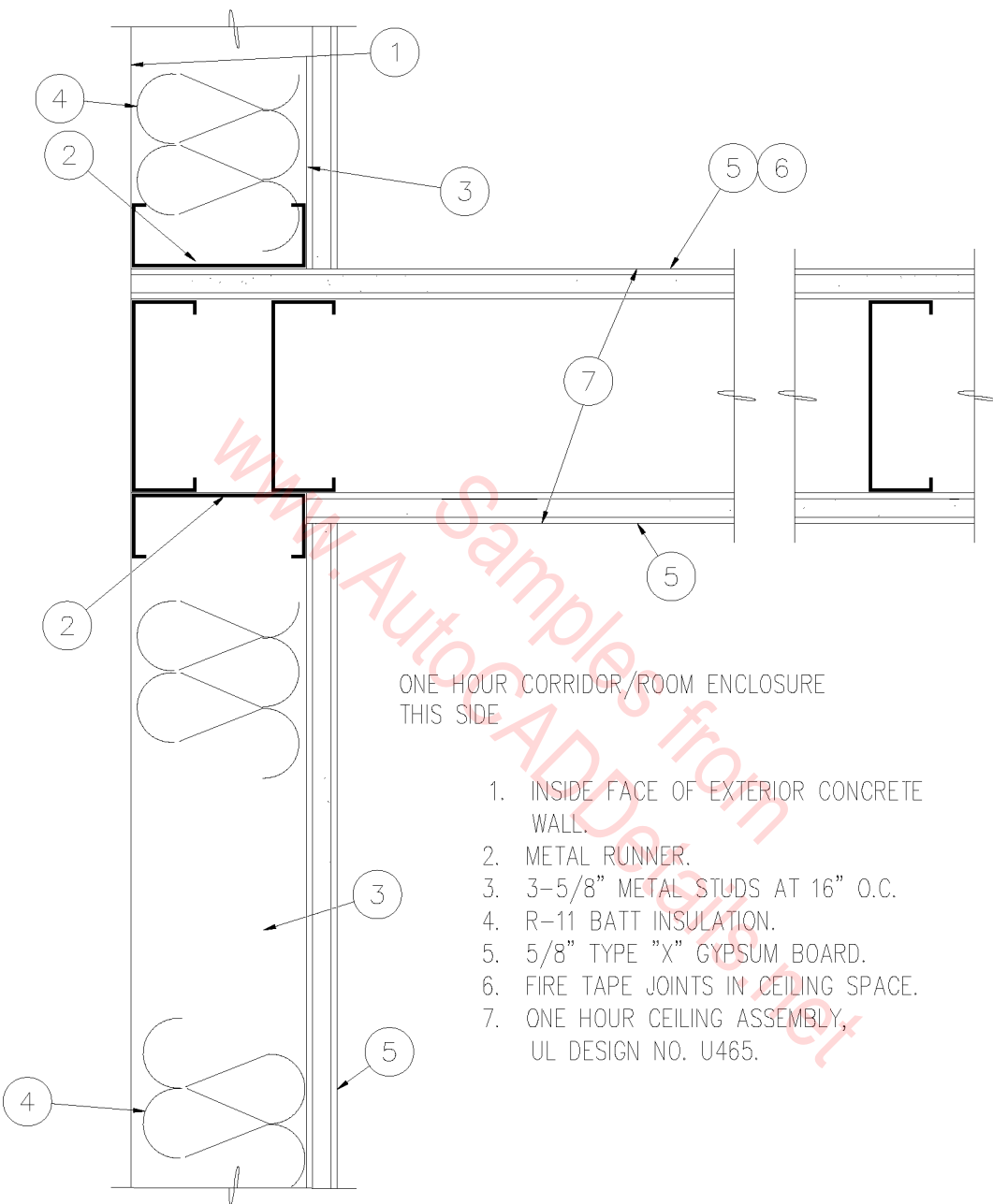


1. MASONRY WALL.
2. SEALANT, 7/8" MIN. DEPTH.
3. BACKER ROD.
4. CERAMIC FIBER BLANKET INSULATION: 1-1/2" AT 1 HOUR WALL, 4-1/2" AT 4 HOUR RATED WALL.
5. 5/8" TYPE 'X' GYPSUM BOARD WHERE OCCURS.
6. 3-5/8" METAL STUDS, WHERE OCCURS.
7. 4" WIDE X 1/4" THICK STEEL PLATE CLOSURE. SECURE AT EXTERIOR WITH 1/4" FLAT HEAD EXPANSION ANCHORS IN COUNTERSUNK HOLES AT 24" O.C. SECURE AT INTERIOR WITH #12 SHEET METAL SCREWS AT 6" O.C. IN COUNTERSUNK HOLES. SECURE AT ONE SIDE OF EXPANSION JOINT ONLY.
8. WALL INSULATION BATTS, WHERE OCCURS.
9. STEEL CLOSURE LOCATION AT INTERIOR MASONRY CONDITION.

## 2 & 4 HOUR EXPANSION JOINT

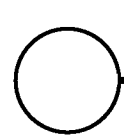
3" = 1'-0"

09A-4031



ONE HOUR CORRIDOR/ROOM ENCLOSURE  
THIS SIDE

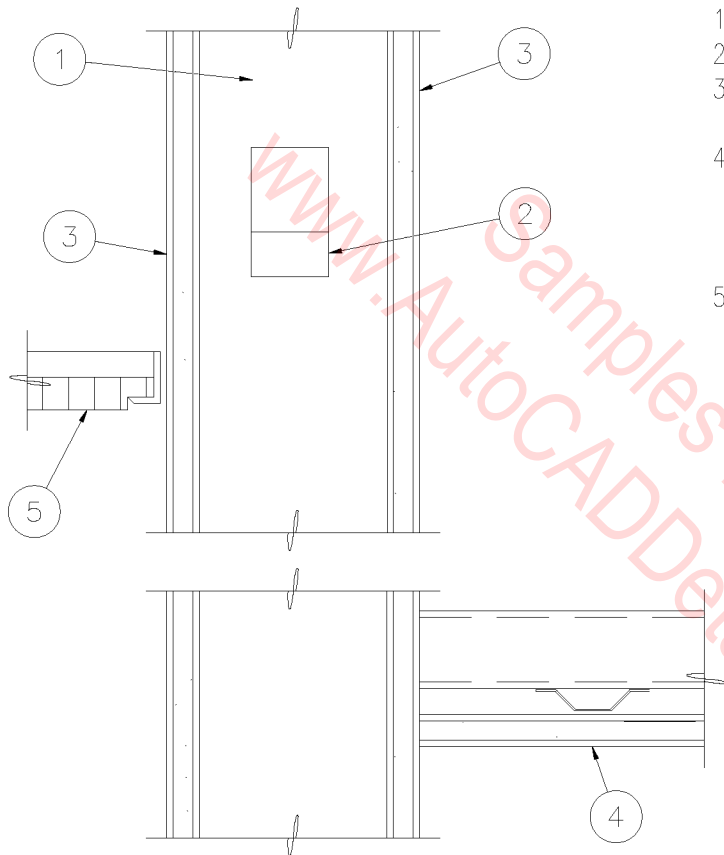
1. INSIDE FACE OF EXTERIOR CONCRETE WALL.
2. METAL RUNNER.
3. 3-5/8" METAL STUDS AT 16" O.C.
4. R-11 BATT INSULATION.
5. 5/8" TYPE "X" GYPSUM BOARD.
6. FIRE TAPE JOINTS IN CEILING SPACE.
7. ONE HOUR CEILING ASSEMBLY, UL DESIGN NO. U465.



1 HOUR ENCLOSURE

3" = 1'-0"

09A-4032



1. METAL STUDS @ 16" O.C.
2. 1-1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD WHERE APPLICABLE.
4. 5/8" TYPE "X" GYPSUM BOARD CEILING ON METAL HAT CHANNELS WHERE APPLICABLE SEE SCHEDULE.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID -WHERE APPLICABLE.

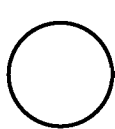
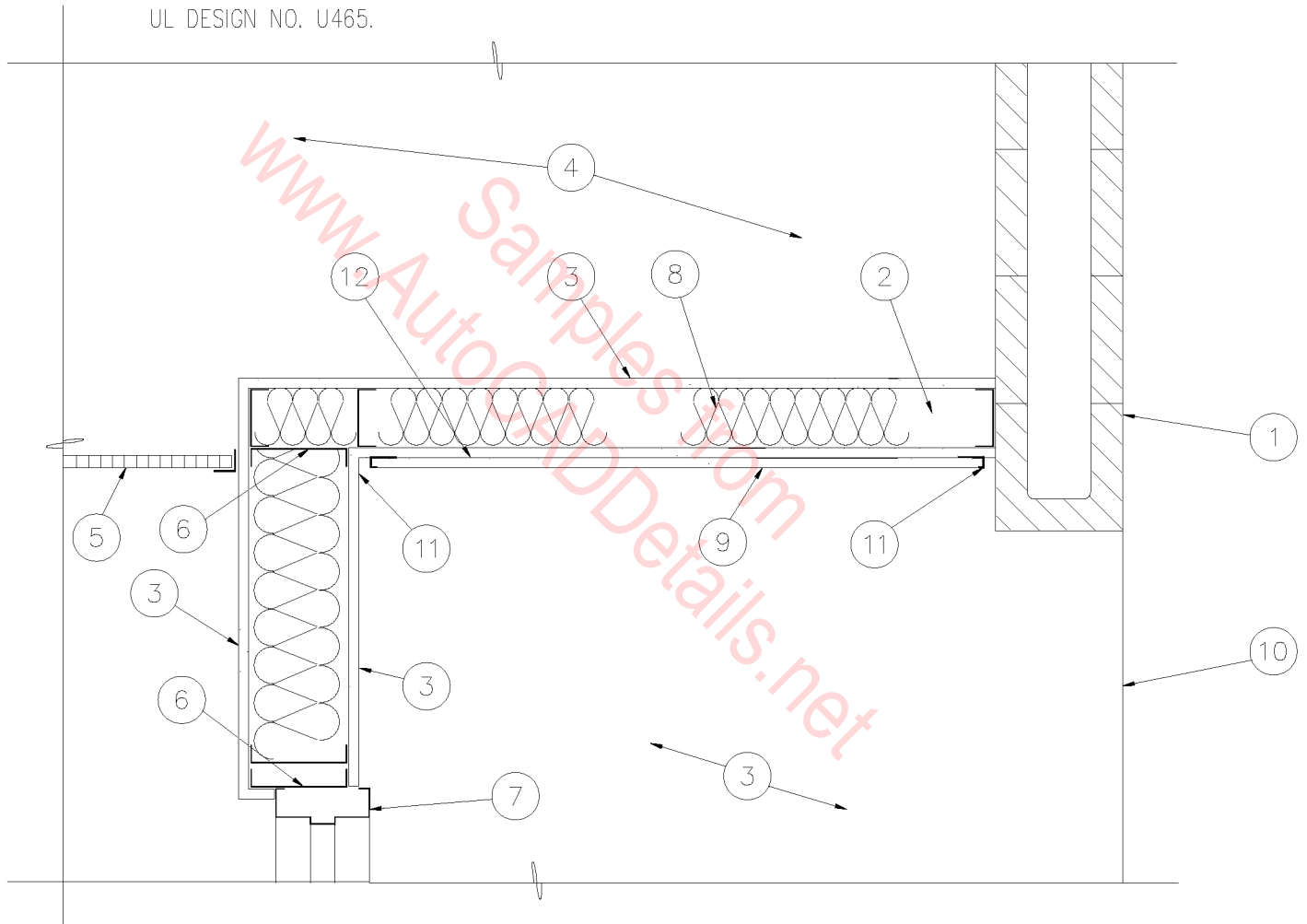

 CEILING AT FIRE WALL

3" = 1'-0"

09A-4033



- |  |   |
|--|---|
| 1. MASONRY WALL.   | 7. HOLLOW METAL FRAME.                            |
| 2. 3-5/8" X 18 GAUGE METAL STUDS AT 16" O.C.             | 8. FULL SOUND DEADENING INSULATION.               |
| 3. 5/8" TYPE 'X' GYPSUM BOARD.                           | 9. (2) LAYERS OF 1/2" TYPE 'X' GYPSUM BOARD.      |
| 4. 1 HOUR WALL SYSTEM. UL DESIGN NO. U465, WHERE OCCURS. | 10. EDGE OF WALL BEYOND.                          |
| 5. ACOUSTICAL CEILING.                                   | 11. 1/2" REVEAL.                                  |
| 6. 6" METAL STUDS AT 16" O.C. UL DESIGN NO. U465.        | 12. 1 HOUR CEILING SIMILAR TO UL DESIGN NO. L524. |

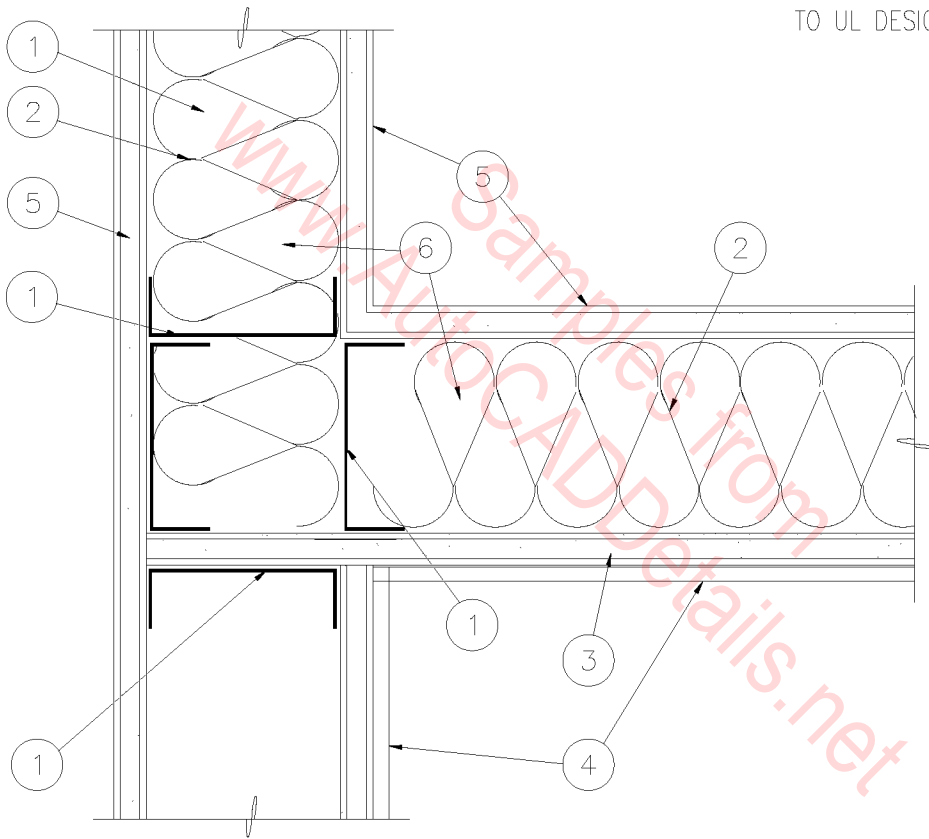


DOOR ALCOVE SECTION

1" = 1'-0"

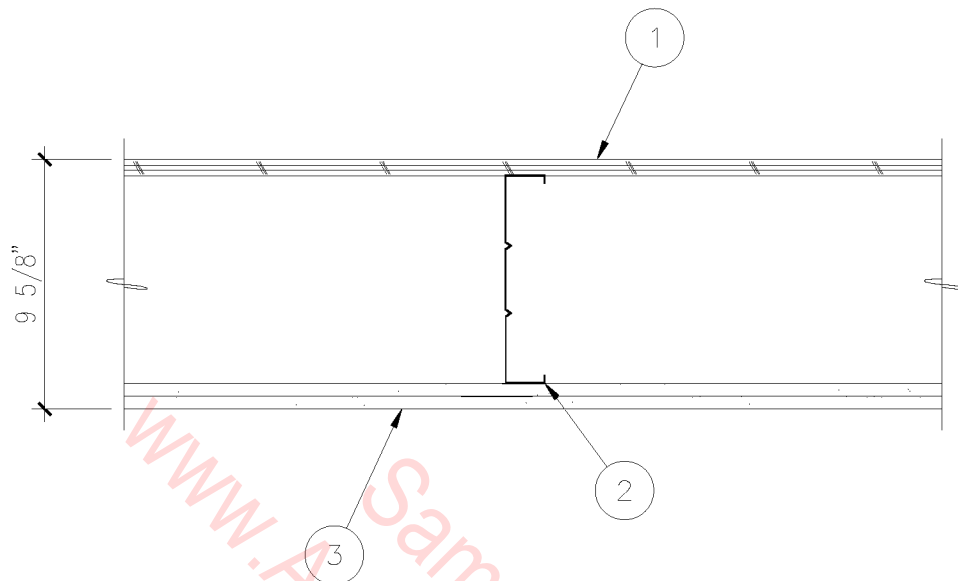
09A-4034

1. 3-5/8" METAL STUDS.
2. BATT INSULATION.
3. 1/2" CEMENTITIOUS BACKER BOARD.
4. CERAMIC TILE ON THIN SET.
5. 5/8" TYPE 'X' GYPSUM BOARD.
6. 1 HR WALL SIMILAR TO UL DESIGN NO. U445.



○ TILE TO RESISTIVE WALL  
 3" = 1'-0"

09A-4035



1. 5/8" T&G PLYWOOD FLOORING ATTACHED TO JOISTS WITH TYPE S-12 SCREWS.
2. 725SJ18 STEEL JOISTS AT 24" ON CENTER.
3. DOUBLE LAYER 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL CEILING.

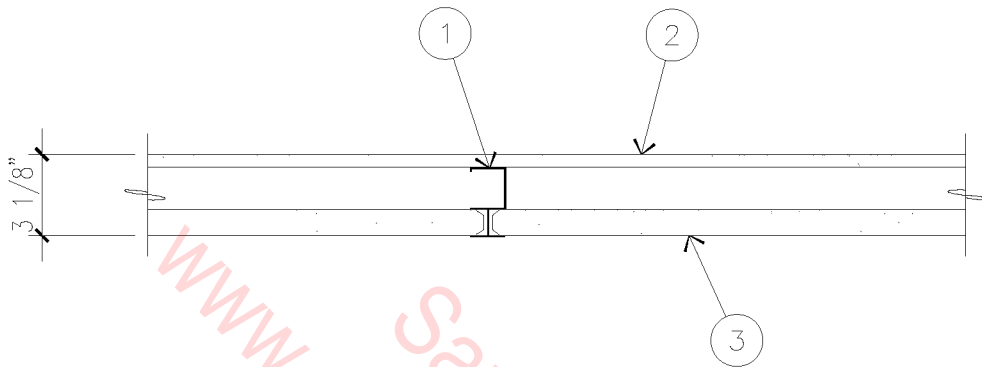
NOTES:

- A. JOINTS UNFINISHED.
- B. DOUBLE LAYER GYPSUM PANELS AROUND BEAM.

1 HOUR UL DES L524  
(WITH 1 HOUR BEAM)

1 1/2" = 1'-0"

09A-4036



1. USG STEEL C-H STUDS AT 24" ON CENTER.
2. 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS ATTACHED WITH SCREWS.
3. 1" SHEETROCK BRAND LINER PANELS SET BETWEEN C-H STUDS.

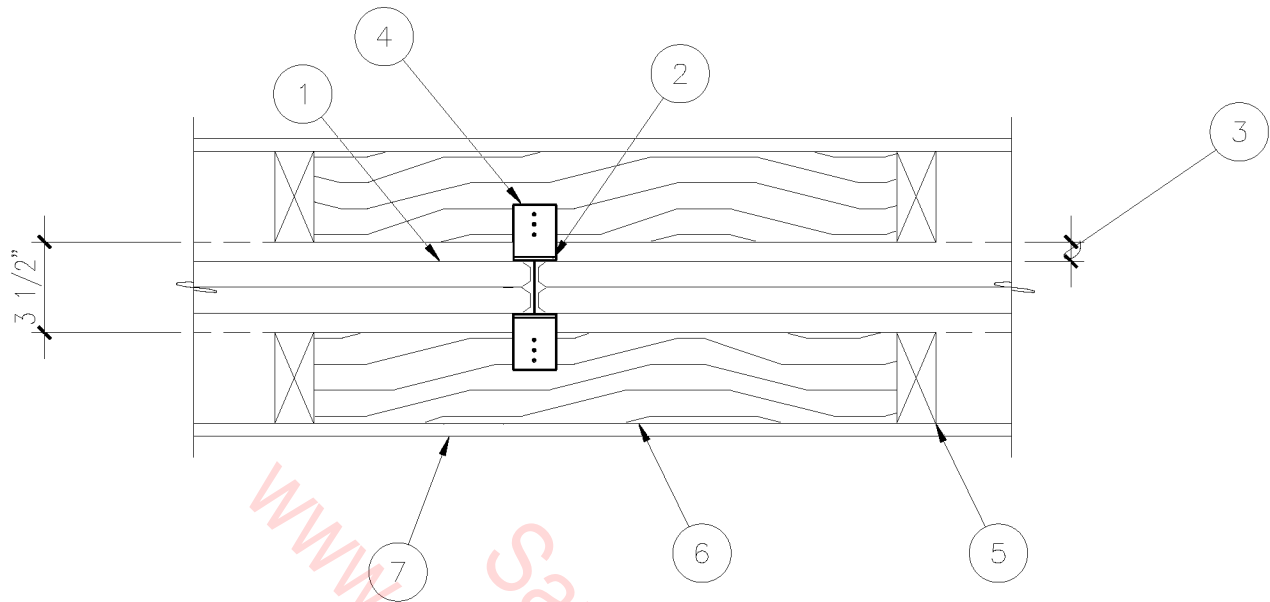
NOTES:

- JOINTS FINISHED.
- FIRE RATING ALSO APPLIES WITH IMPERIAL FIRECODE C BASE AND VENEER FINISH SURFACES.

○ 1 HOUR UL DES U469

1-1/2" = 1'-0"

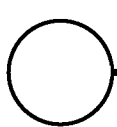
09A-4037



1. (2) 1" SHEETROCK BRAND GYPSUM PANELS.
2. USG ONE-PIECE STEEL H-STUDS AT 24" ON CENTER.
3. MINIMUM 3/4" AIR SPACE BOTH SIDES SEPARATING LINER PANELS FROM ANY ADJACENT COMBUSTIBLE CONSTRUCTION.
4. .063 x 2" x 2 1/4" ALUMINUM ANGLE CLIP ATTACHED TO H STUDS WITH 3/8" TYPE S SCREWS AND TO WOOD FRAMING WITH 1 1/4" TYPE W SCREWS.
5. 2" x 4" WOOD STUDS AT 24" ON CENTER.
6. 2" x 4" WOOD CROSS BRACE WHERE NEEDED FOR CLIP ATTACHMENT.
7. 1/2" MINIMUM GYPSUM WALLBOARD.

NOTES:

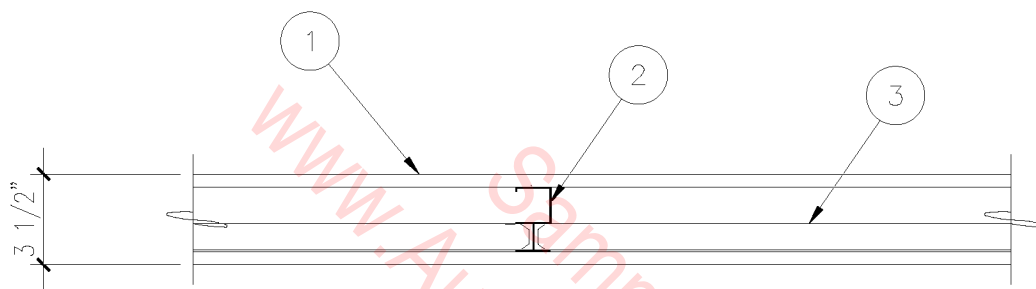
- CLIP ATTACHMENT AT 10'-0" MAX. VERTICALLY BETWEEN WOOD FRAMING AND H STUDS FOR WALLS UP TO 23'-0" HIGH.
- CLIP ATTACHMENT FOR WALLS UP TO 44'-0" HIGH ARE SPACED VERTICALLY AT 10'-0" FOR UPPER 24' PORTION OF WALL AND 5'-0" ON CENTER AT REMAINING LOWER PORTION OF WALL.



2 HOUR UL DES U336

1 1/2" = 1'-0"

09A-4038



1. 1/2" SHEETROCK BRAND, WATER RESISTANT, FIRECODE C CORE GYPSUM PANELS.
2. USG 25GA. STEEL C-H STUDS AT 24" ON CENTER.
3. 1" SHEETROCK BRAND GYPSUM LINER PANELS SET BETWEEN C-H STUDS.

NOTES:

- SINGLE LAYER PANELS EACH SIDE APPLIED VERTICALLY AND SCREW ATTACHED.
- JOINTS STAGGERED OPPOSITE SIDES.
- JOINTS FINISHED.
- CAULK PERIMETER.

○ 2 HOUR UL DES U467

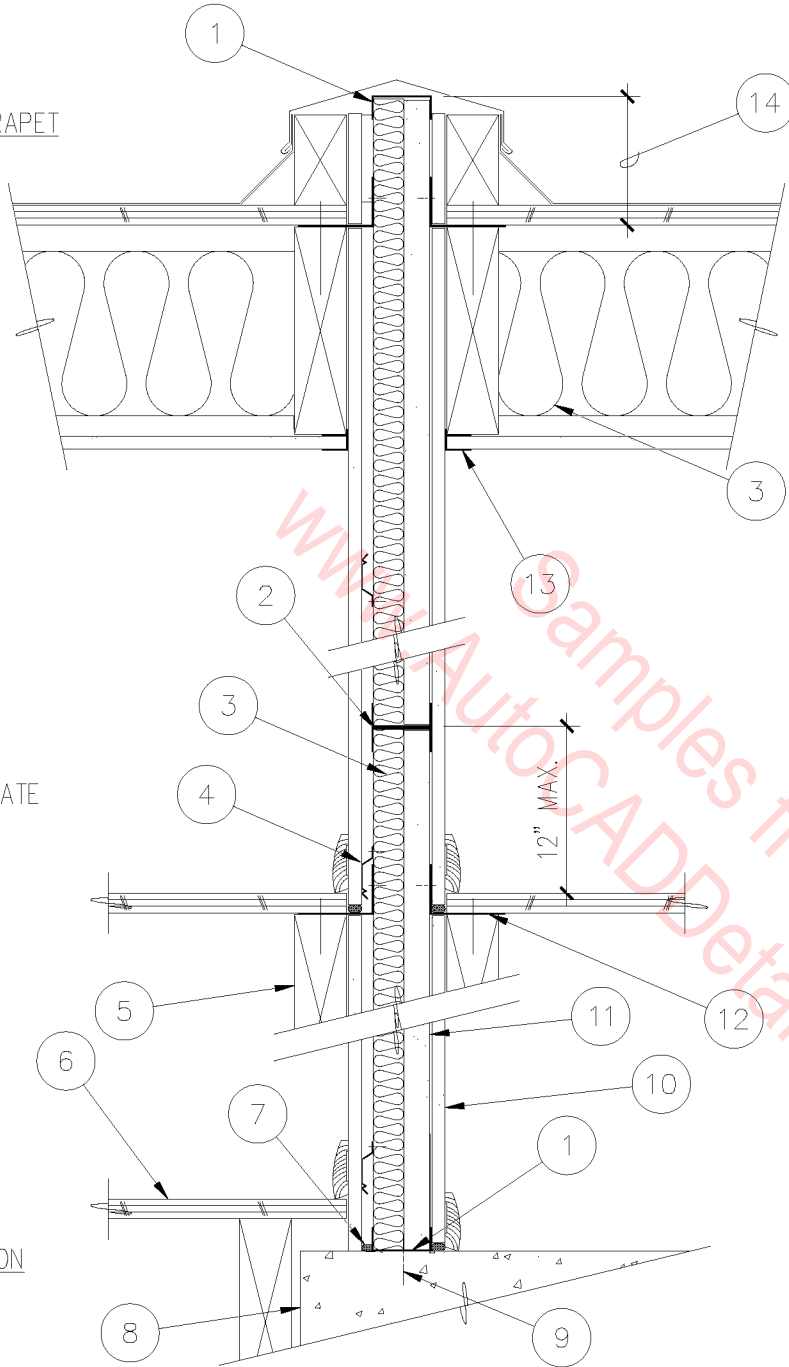
1-1/2" = 1'-0"

09A-4039

ROOF PARAPET

INTERMEDIATE FLOOR

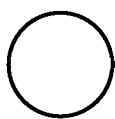
FOUNDATION



1. 2 1/2" USG STEEL C-RUNNERS.
2. (2) 2 1/2" USG STEEL C-RUNNERS.
3. THERMAFIBER SAFB.
4. RC-1 RESILIENT CHANNEL.
5. JOIST.
6. WOOD FLOORING.
7. SEALANT AS REQUIRED.
8. CONCRETE FLOOR OR FOUNDATION WALL.
9. SUITABLE FASTENERS AT 24" ON CENTER.
10. SHEETROCK BRAND GYPSUM, WATER RESISTANT, FIRECODE C CORE, GYPSUM PANELS EACH SIDE.
11. 1" SHEETROCK BRAND GYPSUM LINER PANELS.
12. .063" USG ALUMINUM ANGLE CLIPS ATTACHED TO JOIST WITH 1 1/4" TYPE W SCREWS.
13. SHEETROCK METAL TRIM.
14. VARIES BY CODE.

NOTES:

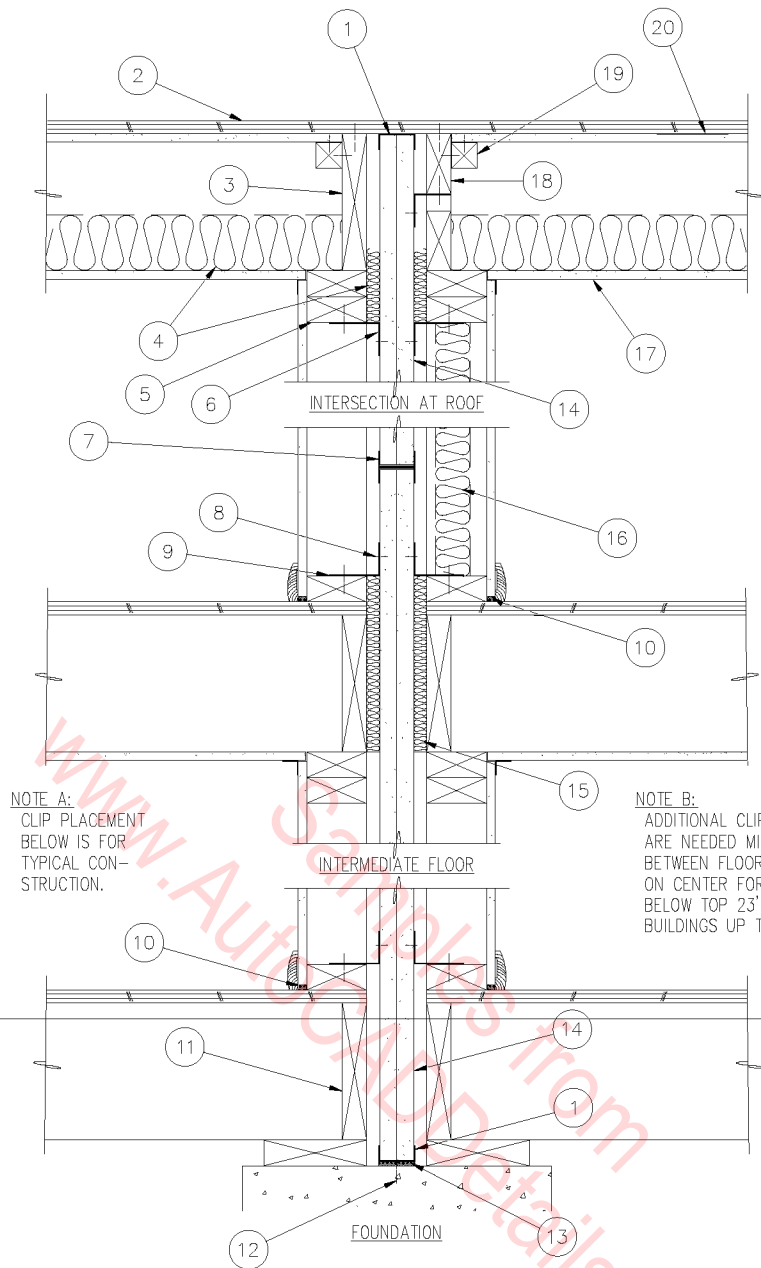
- FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



## 2 HOUR CAVITY WALL

1 1/2" = 1'-0"

09A-4040



NOTE A:  
CLIP PLACEMENT  
BELOW IS FOR  
TYPICAL CON-  
STRUCTION.

NOTE B:  
ADDITIONAL CLIP ANGLES  
ARE NEEDED MID-HEIGHT  
BETWEEN FLOORS (5'-0")  
ON CENTER FOR AREA  
BELOW TOP 23' OF  
BUILDINGS UP TO 44'.

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. 2" USG STEEL C-RUNNER.</li> <li>2. ROOF DECK.</li> <li>3. ROOF RAFTER.</li> <li>4. THERMAFIBER FIRE BLOCKING AS REQUIRED.</li> <li>5. 2" x 4" STUD FRAMING EACH SIDE.</li> <li>6. .063" USG ALUMINUM ANGLE CLIP - SEE NOTE B.</li> <li>7. TWO 2" USG STEEL C-RUNNERS.</li> <li>8. 3/8" TYPE "S" PAN HEAD SCREW.</li> <li>9. .063" USG ALUMINUM ANGLE CLIPS AT EACH FLOOR LEVEL - SEE NOTE B.</li> <li>10. SEALANT.</li> <li>11. JOIST.</li> <li>12. SUITABLE FASTENERS AT 24" ON CENTER.</li> <li>13. SEALANT UNDER TRACK.</li> </ol> | <ol style="list-style-type: none"> <li>14. TWO 1" SHEETROCK BRAND GYPSUM LINER PANELS.</li> <li>15. THERMAFIBER FIRE INSULATION BLOCKING AT EACH FLOOR LEVEL AS REQUIRED.</li> <li>16. THERMAFIBER SAFB (OPTIONAL).</li> <li>17. SHEETROCK BRAND GYPSUM PANELS AS REQUIRED.</li> <li>18. ROOF TRUSS.</li> <li>19. LEDGER.</li> <li>20. AS REQUIRED BY CODE, 5/8" SHEETROCK BRAND GYPSUM PANELS, FIRECODE CORE, MAY BE USED AS UNDERLAYMENT TO THE UNTREATED ROOF SHEATHING WITH PANELS EXTENDING 5'-0" ON BOTH SIDES OF AREA SEPARATION WALL AND POSSIBLY ROOF SIDE AT RAKE END.</li> </ol> |
|---|---|

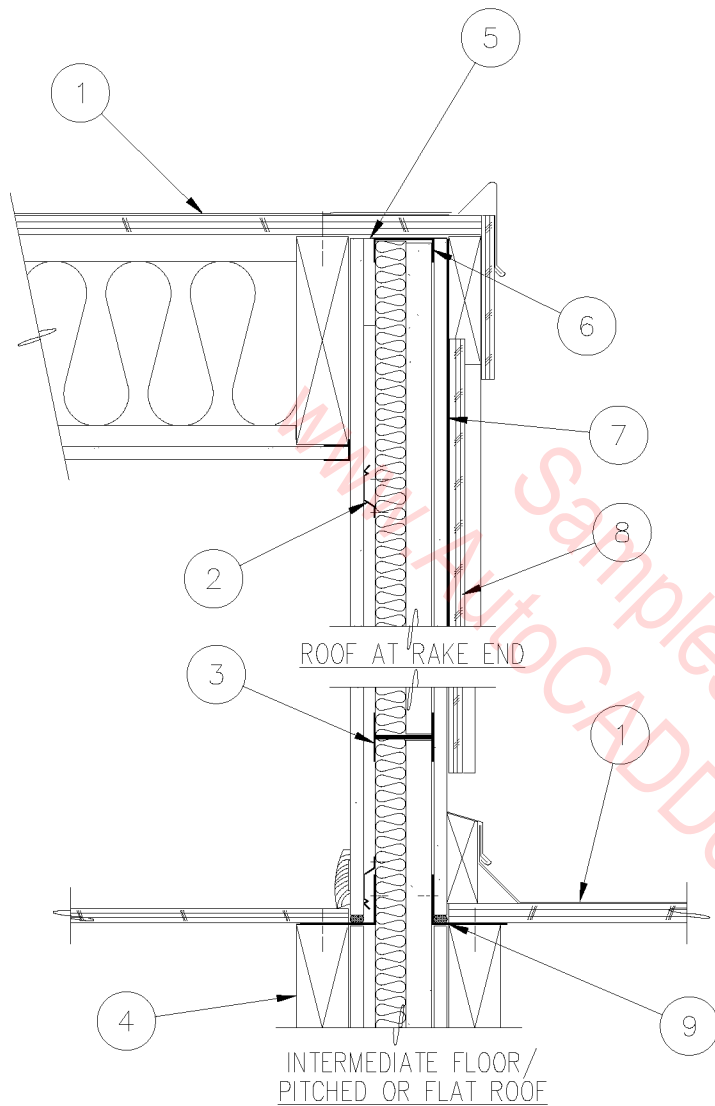
NOTES:  
FIBERGLASS INSULATION CAN NOT BE  
SUBSTITUTED FOR THERMAFIBER INSULATION.

## 2 HOUR SOLID AREA SEPARATION WALL

1 1/2" = 1'-0"

09A-4041





1. ROOFING AS REQUIRED.
2. RC-1 RESILIENT CHANNEL.
3. TWO 2 1/2" USG STEEL C-RUNNERS.
4. JOIST.
5. 1/2" x 3" GYPSUM PANEL FILLER STRIP.
6. 2 1/2" USG STEEL C-RUNNER.
7. #15 ASPHALT FELT.
8. EXTERIOR SURFACING.
9. SEALANT.

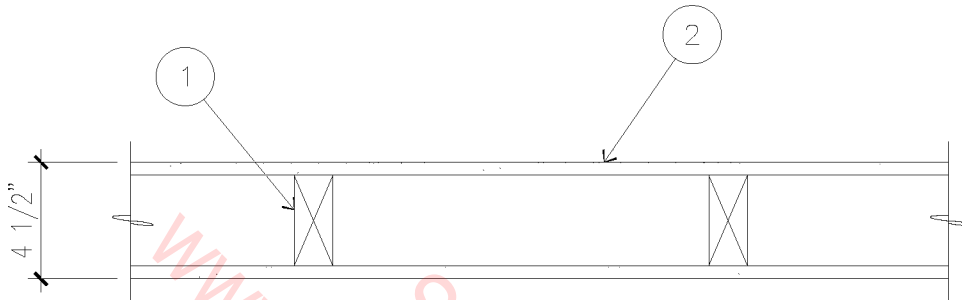
NOTES:

- A. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- B. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

○ 2 HOUR CAVITY WALL

1-1/2" = 1'-0"

09A-4042



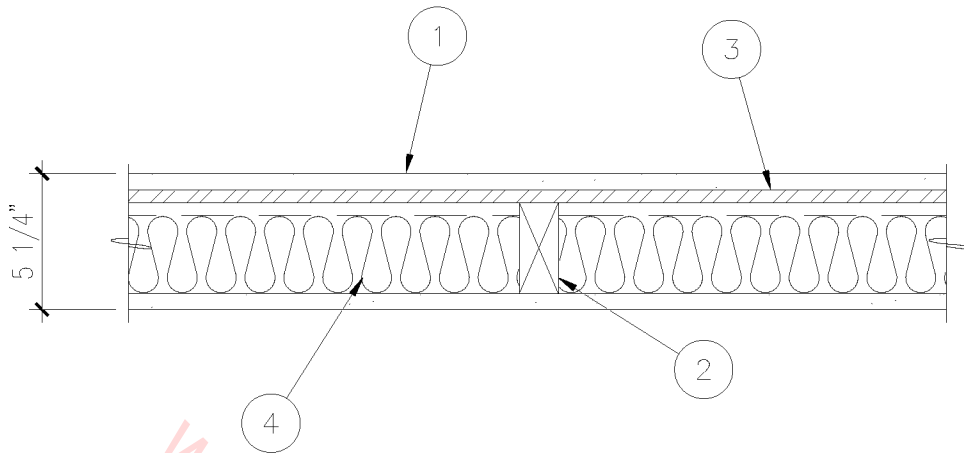
1. 2" x 4" WOOD STUD AT 16" ON CENTER.
2. 1/2" SHEETROCK BRAND GYPSUM PANELS FIRECODE C CORE.

NOTES:

1. WALL PANELS TO BE NAILED AT 7" ON CENTER WITH CEMENT COATED NAILS.
2. TAPE ALL JOINTS.

○ 45 MIN. — UL DES. U317  
 1 1/2" = 1'-0"

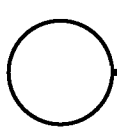
09A-4043



1. 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
2. 2" x 4" WOOD STUD AT 16" OR 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" ON CENTER.
4. 3" THERMAFIBER SAFB.

NOTES:

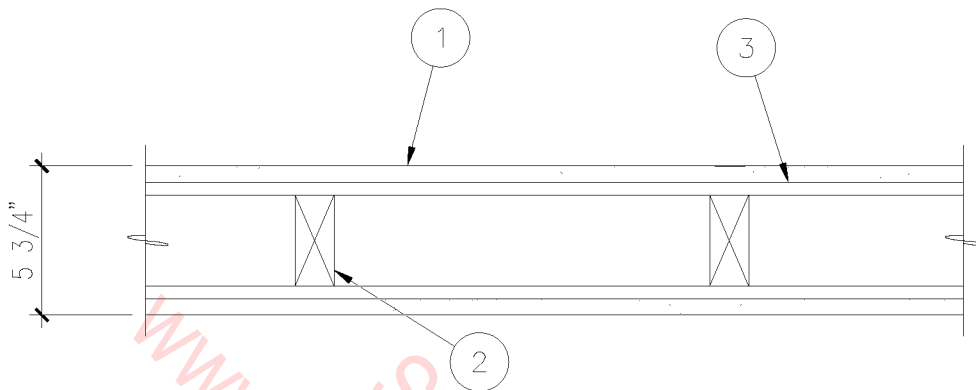
- A. PANELS ATTACHED TO RC-1 WITH 1" TYPE "S" SCREWS, ATTACH OPPOSITE SIDE DIRECTLY WITH 1 1/4" TYPE "W" SCREWS.
- B. END JOINTS BACK-BLOCKED WITH RC-1 CHANNEL.
- C. JOINTS FINISHED.
- D. CAULK PERIMETER.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- F. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



1 HOUR UL DES. U311

1 1/2" = 1'-0"

09A-4044



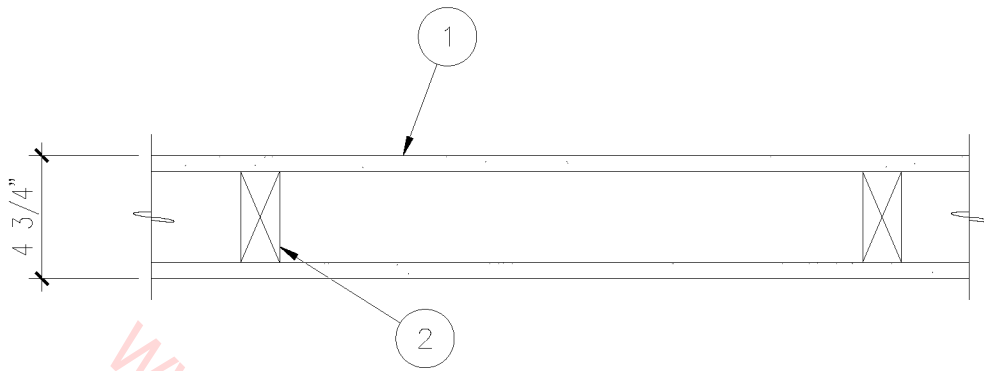
1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 2" x 4" WOOD STUD AT 16" O.C.
3. RC-1 CHANNEL BOTH SIDES SPACED HORIZONTALLY AT 24" ON CENTER.

NOTES:

- A. PANELS ATTACHED WITH 1" TYPE "S" SCREWS.
- B. CAULK PERIMETER.
- C. JOINTS FINISHED.
- D. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

○ 1 HOUR T1396-OSU  
 1 1/2" = 1'-0"

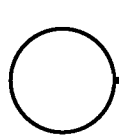
09A-4045



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS OR 5/8" SHEETROCK BRAND WATER RESISTANT FIRECODE CORE GYPSUM PANELS.
2. 2" x 4" WOOD STUD - SEE NOTES.

NOTES:

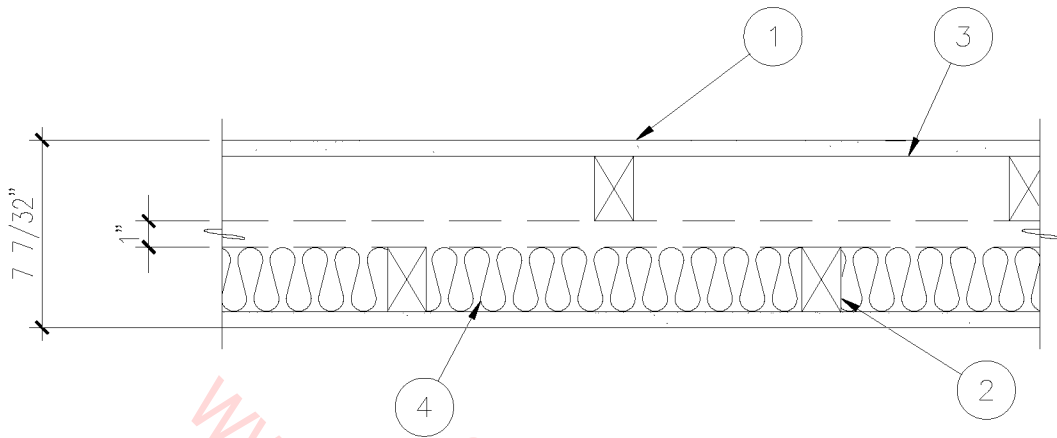
- A. PANELS NAILED AT 7" ON CENTER WITH 1 7/8" CEMENT COATED NAILS.
- B. UL DES U305 BASED ON 16" STUD SPACING, JOINTS EXPOSED OR FINISHED, PERIMETER CAULKED.
- C. UL DES U314 BASED ON 24" STUD SPACING, FINISHED JOINTS, PERIMETER CAULKED.



1 HOUR UL DES. U305/U314

1 1/2" = 1'-0"

09A-4046



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 2" x 3" NON-LOAD BEARING STAGGERED WOOD STUDS AT 16" ON CENTER.
3. 2" x 3" PLATES 1" APART.
4. 3" THERMAFIBER SAFB ONE SIDE.

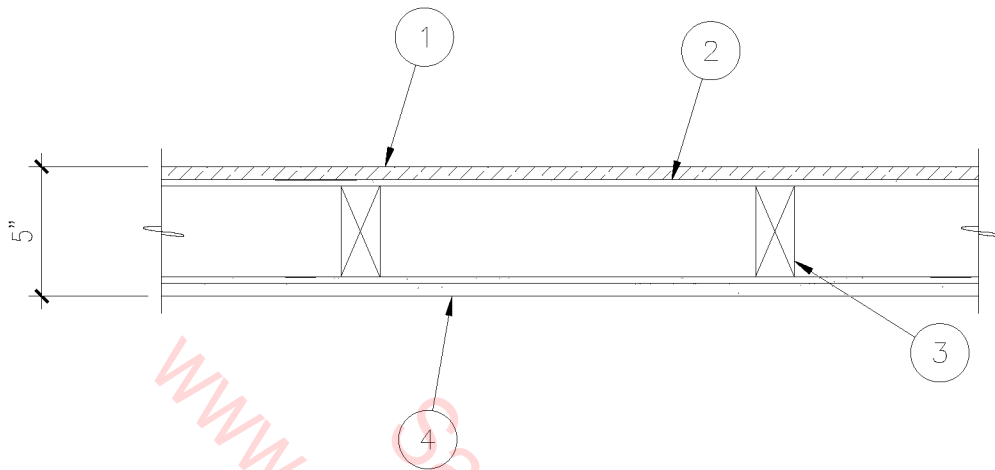
NOTES:

- A. PANELS NAILED AT 7" ON CENTER.
- B. JOINTS FINISHED.
- C. PERIMETER CAULKED.
- D. ESTIMATED FIRE RATING BASED ON UL DES U305.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 1 HOUR EST. UL DES. U305

1 1/2" = 1'-0"

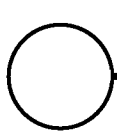
09A-4047



1. 1/2" PANEL FACE STRIP LAMINATE.
2. 1/4" SHEETROCK BRAND GYPSUM BOARD  
BASE LAYER APPLIED VERTICALLY  
WITH 4d COATED NAILS.
3. 2" x 4" WOOD STUD AT 16" ON CENTER.
4. 1/2" SHEETROCK BRAND FIRECODE C CORE  
GYPSUM PANELS .

NOTES:

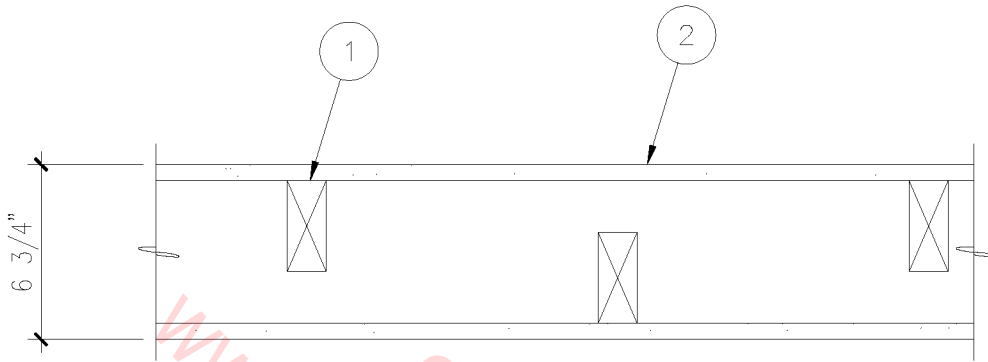
- A. JOINTS STAGGERED AND FINISHED.
- B. PERIMETER CAULKED.
- C. ESTIMATED FIRE RATING BASED  
ON UL DES UL305.
- D. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL  
REQUIRE LATERAL BRACING AND OFFER  
ESTIMATED FIRE RATING.



1 HOUR EST. UL DES U305

1 1/2" = 1'-0"

09A-4048



1. 2" x 4" WOOD STUDS STAGGERED AT 24" O.C. (MAX.) ON 2" x 6" COMMON PLATE.
2. 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.

NOTES:

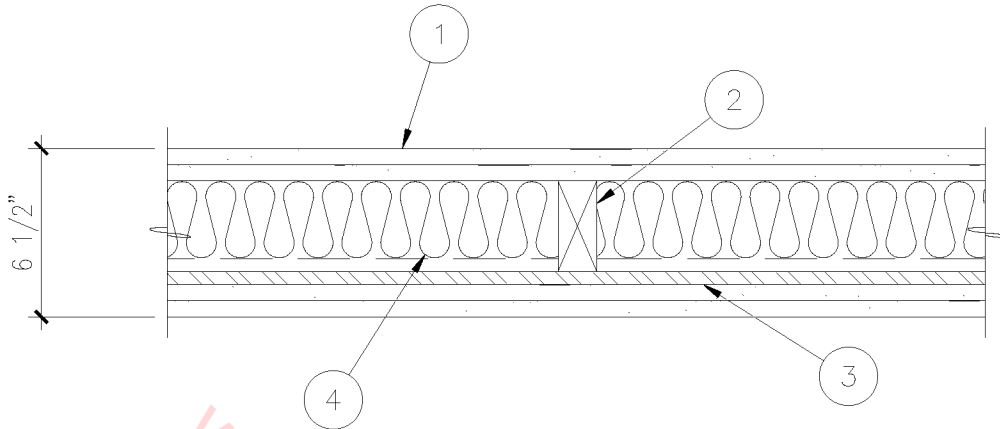
- A. JOINTS FINISHED.
- B. PERIMETER CAULKED.
- C. PANELS ATTACHED WITH 6d COATED NAILS OR 1 7/8" SCREWS AT 7" ON CENTER.

○ 1 HOUR UL DES U340

1 1/2" = 1'-0"

09A-4049

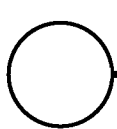




1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS BOTH SIDES.
2. 2" x 4" WOOD STUD AT 16" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" ON CENTER.
4. 3" THERMAFIBER SAFB.

NOTES:

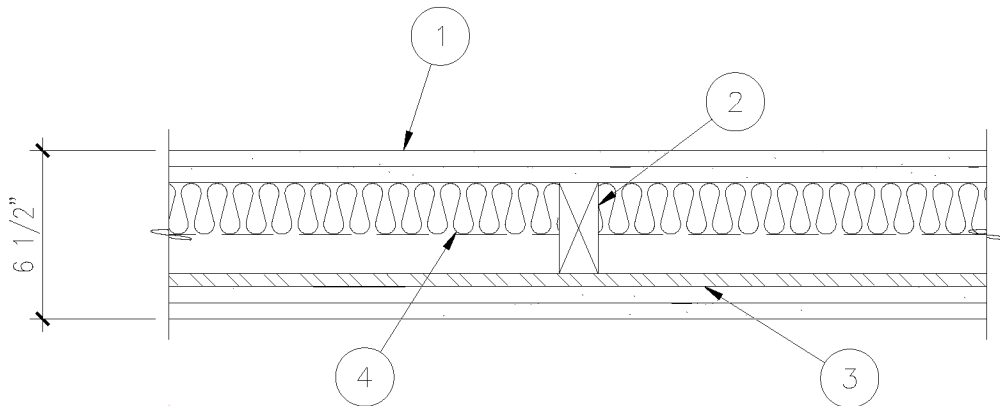
- A. BOTH BASE LAYERS APPLIED VERTICALLY AND FACE LAYERS APPLIED HORIZONTALLY.
- B. RESILIENT SIDE PANELS SCREW ATTACHED, OPPOSITE SIDE NAIL ATTACHED.
- C. BASE LAYERS PERIMETER CAULKED.
- D. JOINTS FINISHED.
- E. END JOINTS BACK-BLOCKED WITH RC-1 CHANNEL.
- F. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- G. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



2 HOUR UL DES U334

1 1/2" = 1'-0"

09A-4050



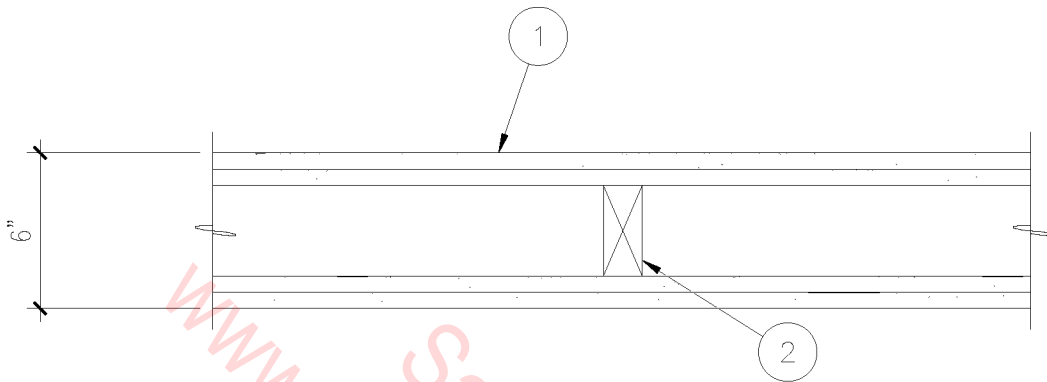
1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS BOTH SIDES.
2. 2" x 4" WOOD STUD AT 16" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" ON CENTER.
4. 2" THERMAFIBER SAFB.

NOTES:

- A. BOTH BASE LAYERS APPLIED VERTICALLY AND FACE LAYERS APPLIED HORIZONTALLY.
- B. RESILIENT SIDE PANELS SCREW ATTACHED, OPPOSITE SIDE NAIL ATTACHED.
- C. RESILIENT LAYERS PERIMETER CAULKED.
- D. JOINTS FINISHED.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- F. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

○ 2 HOUR T-4799-OSU  
 1 1/2" = 1'-0"

09A-4051



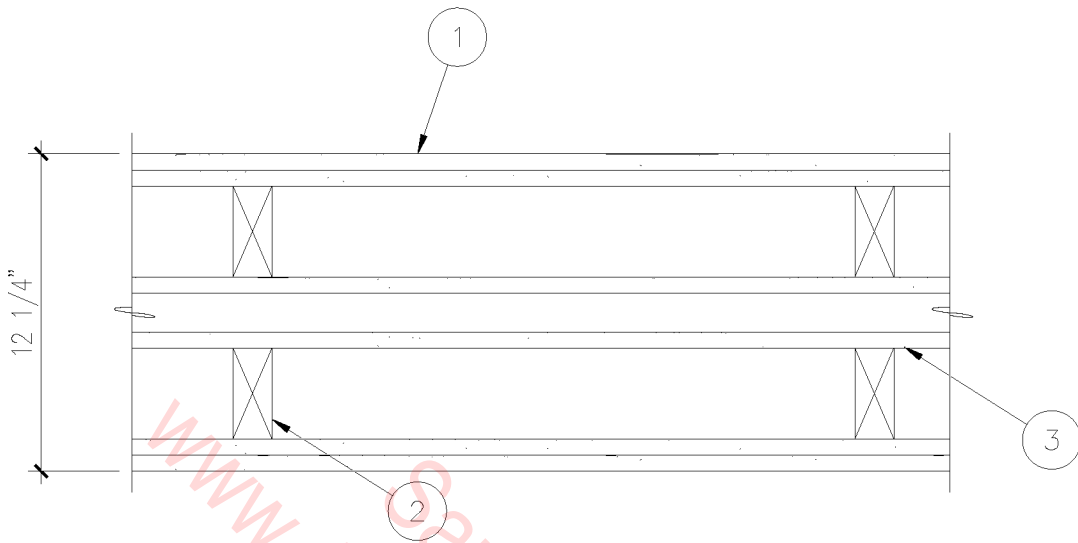
1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS OR 5/8" SHEETROCK BRAND WATER RESISTANT FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. 2" x 4" WOOD STUD AT 16" ON CENTER.

NOTES:

- A. BASE LAYER ATTACHED WITH 1 7/8" NAILS AT 6" ON CENTER.
- B. FACE LAYER ATTACHED WITH 2 3/8" NAILS AT 8" ON CENTER.
- C. JOINTS FINISHED.

○ 2 HOUR UL DES U301  
 1 1/2" = 1'-0"

09A-4052



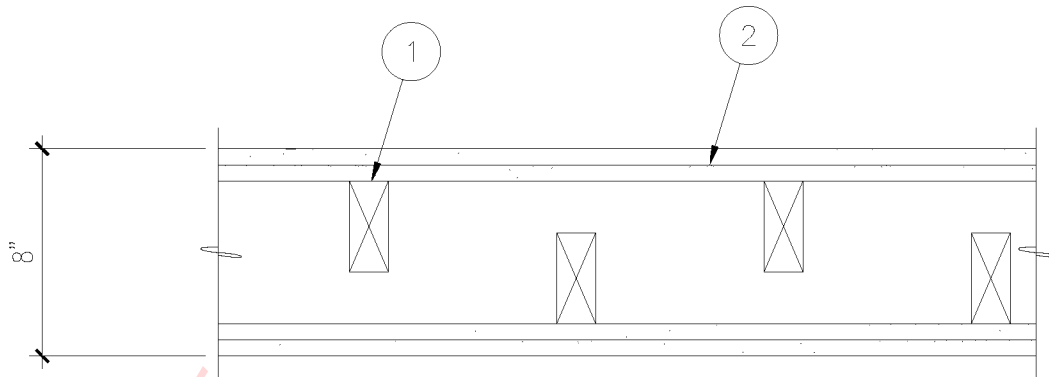
1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS BOTH OUTER SIDES. BRAND WATER RESISTANT FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. TWO ROWS 2" x 4" WOOD STUD AT 24" ON CENTER.
3. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS INSIDE BOTH SIDES.

NOTES:

- A. BASE LAYER ATTACHED WITH 6d COATED NAILS AT 6" ON CENTER.
- B. FACE LAYER ATTACHED WITH 8d COATED NAILS AT 8" ON CENTER.
- C. JOINTS FINISHED.
- D. PERIMETER CAULKED.

○ 2 HOUR UL DES U342  
 1 1/2" = 1'-0"

09A-4053



1. 2" x 4" WOOD STUDS STAGGERED AT 16" ON CENTER ON 2" x 6" COMMON PLATE.
2. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.

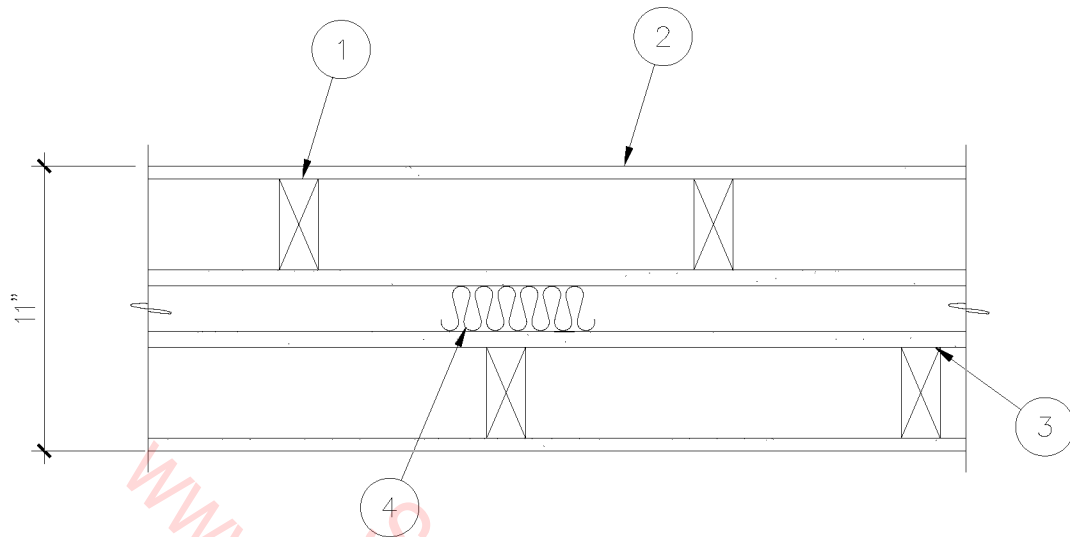
NOTES:

- A. JOINTS FINISHED.
- B. PERIMETER CAULKED.
- C. BASE LAYER ATTACHED WITH 6d COATED NAILS AT 6" ON CENTER.
- D. FACE LAYER ATTACHED WITH 8d COATED NAILS AT 8" ON CENTER.
- E. ESTIMATED FIRE RATING BASED ON UL DES U301.

○ 2 HOUR EST. UL DES U301

1 1/2" = 1'-0"

09A-4054



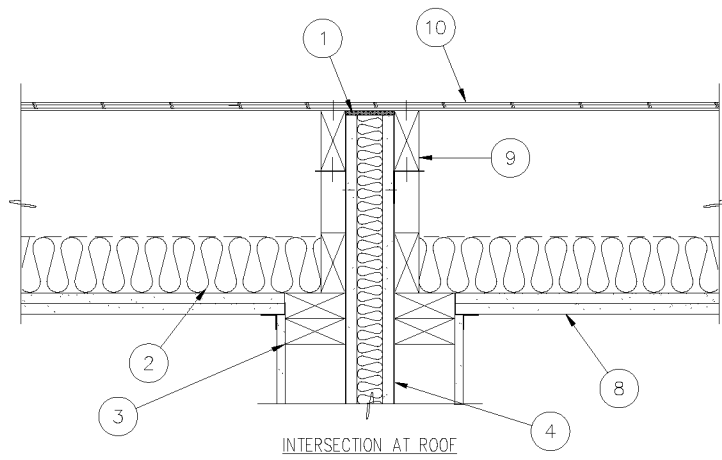
1. 2" x 4" WOOD STUDS AT 16" ON CENTER, STAGGERED IN OPPOSITE WALL.
2. 1/2" SHEETROCK BRAND GYPSUM BOARD BOTH EXTERIOR SIDES.
3. 5/8" SHEETROCK BRAND FIRECODE C CORE BOTH INTERIOR SIDES.
4. THERMAFIBER FIRE BLOCKING AT 9'-0" ON CENTER EACH WAY.

NOTES:

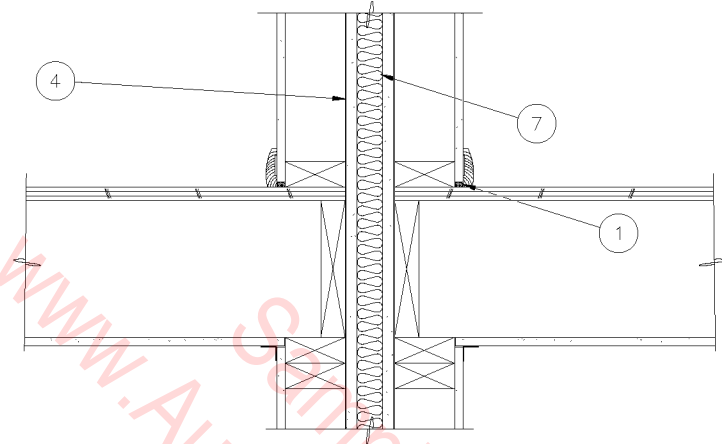
- A. JOINTS FINISHED.
- B. PERIMETER CAULKED BOTH SIDES OF INTERIOR PANELS.
- C. INTERIOR LAYERS ATTACHED WITH 6d COATED NAILS AT 6" ON CENTER.
- D. EXTERIOR LAYERS ATTACHED WITH 8d COATED NAILS AT 8" ON CENTER.
- E. ESTIMATED FIRE RATING BASED ON BEARING WALL UL DES U320.
- F. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 1 1/2 HOUR UL DES U320  
 1 1/2" = 1'-0"

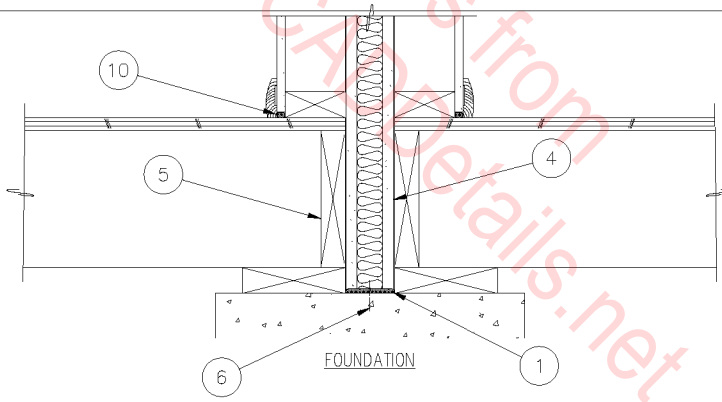
09A-4055



INTERSECTION AT ROOF



INTERMEDIATE FLOOR



FOUNDATION

1. SEALANT.
2. THERMAFIBER FIRE BLOCKING AS REQUIRED.
3. 2" x 4" STUD FRAMING EACH SIDE.
4. 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS FULL HEIGHT.
5. JOIST.
6. SUITABLE FASTENERS AT 24" ON CENTER.
7. THERMAFIBER SAFB (OPTIONAL).
8. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
9. ROOF TRUSS.
10. ROOF DECK.

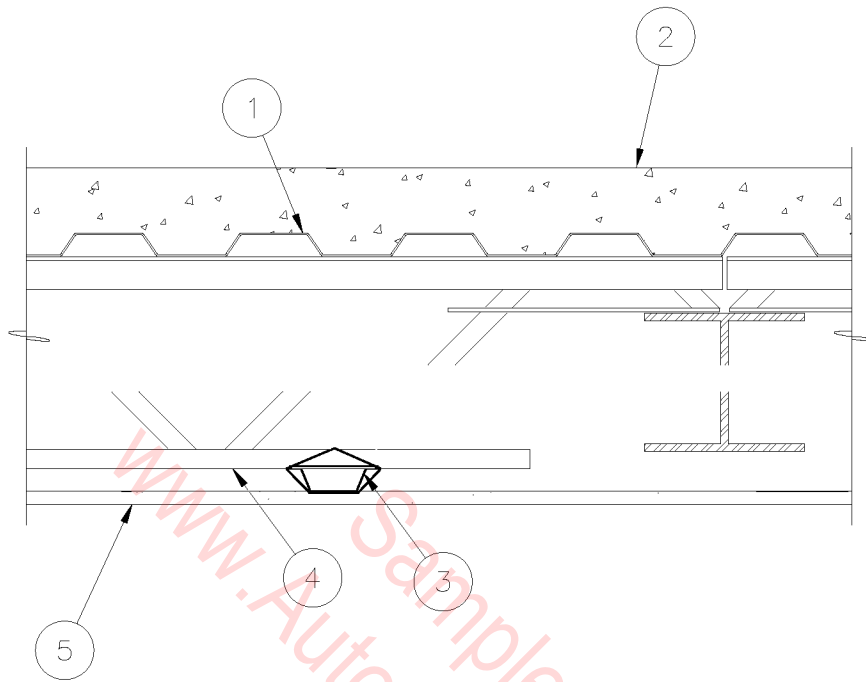
NOTES:

- A. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

1-1/2 HOUR SOLID  
AREA SEPARATION WALL

1 1/2" = 1'-0"

09A-4056



1. ROOF DECK.
2. 2 1/2" CONCRETE ON RIBLATH OR CORRUGATED STEEL DECK OVER BAR JOIST.
3. METAL FUR CHANNEL AT 24" ON CENTER.
4. BAR JOIST.
5. 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL CEILING FURRED OR SUSPENDED.

NOTES:

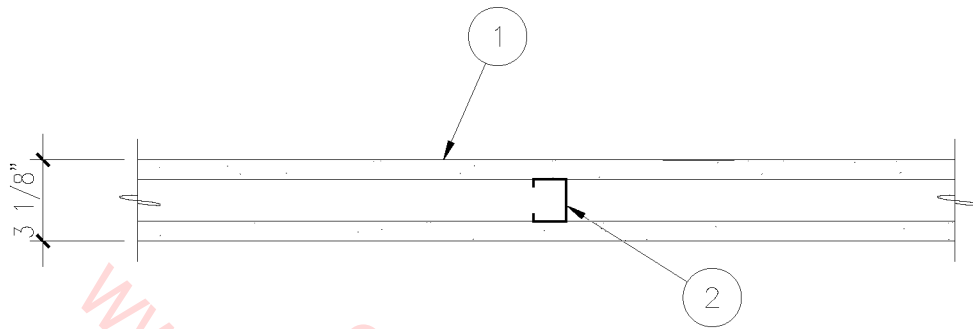
- A. PANELS ATTACHED WITH 1" TYPE "S" SCREWS AT 12" ON CENTER.
- B. JOINTS EXPOSED OR FINISHED.

2 HOUR UL DES G515  
(WITH 2 HOUR BEAM)

1 1/2" = 1'-0"

09A-4057





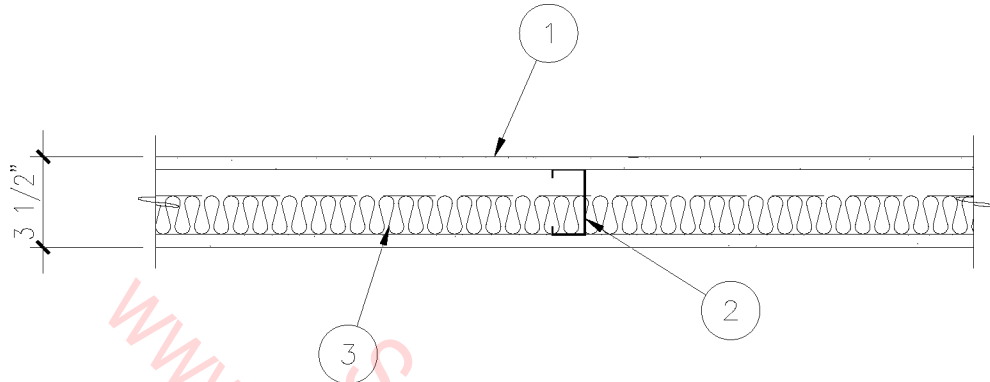
1. 3/4" SHEETROCK BRAND ULTRACODE CORE GYPSUM PANELS.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.

NOTES:

- A. PANELS VERTICALLY ATTACHED TO STUDS WITH 1 1/2" TYPE "S" SCREWS 8" ON CENTER AT PERIMETER AND 12" ON CENTER FIELD.
- B. STAGGER AND FINISH JOINTS.

○ 1 HOUR UL DES U496  
 1-1/2" = 1'-0"

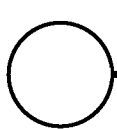
09A-4058



1. 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
2. 2 1/2" METAL STUDS AT 24" ON CENTER.
3. 1 1/2" THERMAFIBER SAFB.

NOTES:

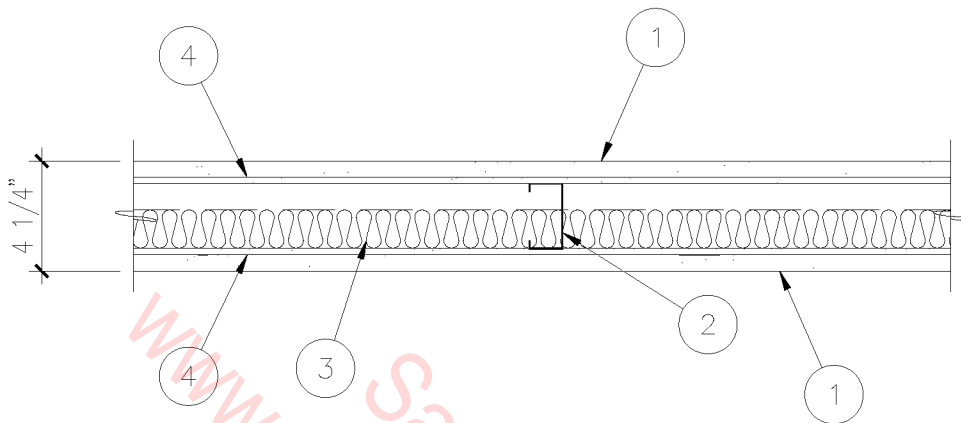
- A. SINGLE LAYER PANELS EACH SIDE APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS FINISHED.
- C. PERIMETER CAULKED.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



1 HOUR UL DES U448

1-1/2" = 1'-0"

09A-4059

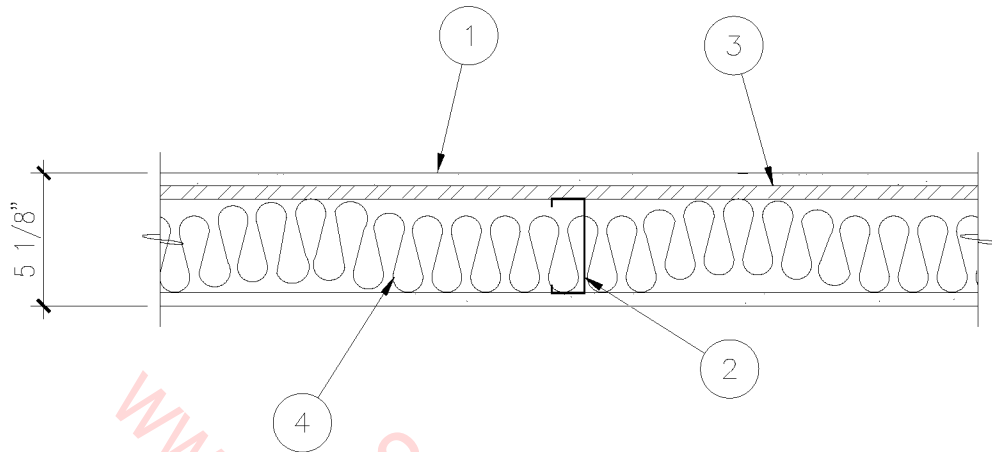


1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS FACE LAYER SCREW ATTACHED.
2. 2 1/2" METAL STUDS AT 24" ON CENTER.
3. 1 1/2" THERMAFIBER SAFB.
4. 1/4" SHEETROCK BRAND GYPSUM BOARD BASE LAYER SCREW ATTACHED.

NOTES:

- A. ESTIMATED FIRE RATING BASED ON T-1174-OSU
- B. JOINTS FINISHED.
- C. PERIMETER CAULKED.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 1 HOUR EST. T-1174-OSU  
 1-1/2" = 1'-0" 09A-4060



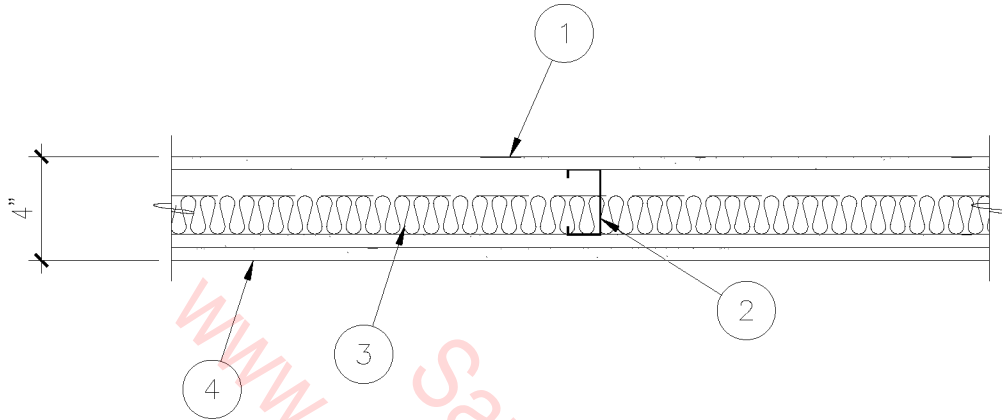
1. 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS, OR 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 3 5/8" METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" ON CENTER SCREW ATTACHED.
4. 3" THERMAFIBER SAFB 25" WIDE CREASED TO FIT CAVITY.

NOTES:

- A. PANELS VERTICALLY APPLIED AND SCREW ATTACHED.
- B. JOINTS STAGGERED FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

○ 1 HOUR UL DES U451  
 1-1/2" = 1'-0"

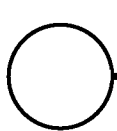
09A-4061



1. 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
2. 2 1/2" METAL STUDS AT 24" ON CENTER.
3. 1 1/2" THERMAFIBER SAFB.
4. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.

NOTES:

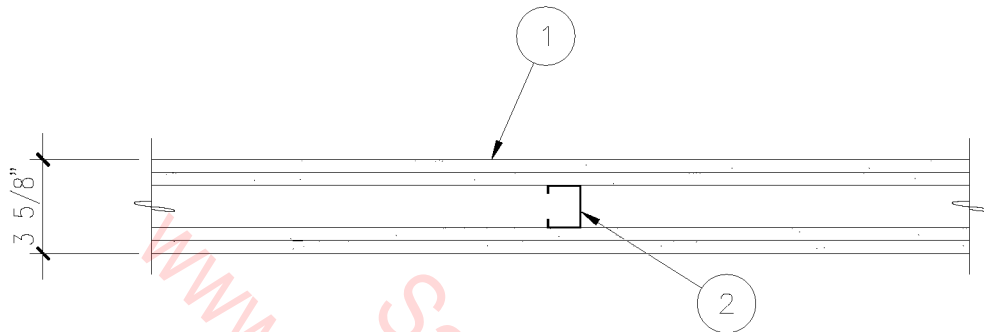
- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.
- C. PERIMETER CAULKED.
- D. ESTIMATED FIRE RATING BASED ON T-3362-OSU.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



1 HOUR EST. T-3362-OSU

1-1/2" = 1'-0"

09A-4062



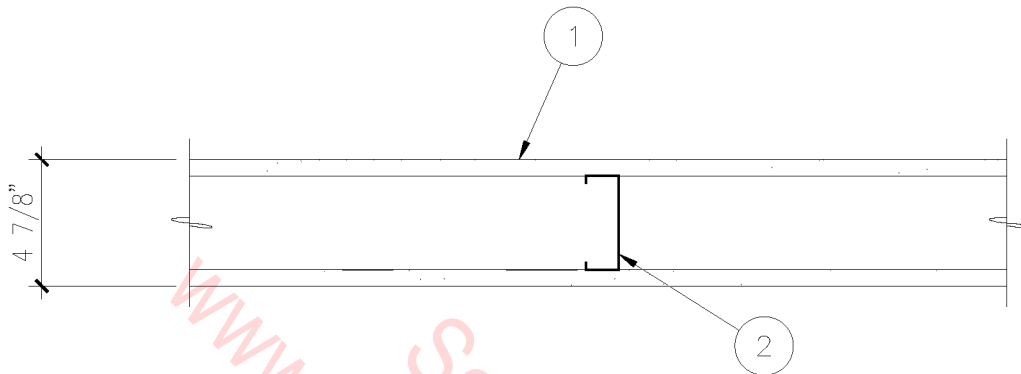
1. TWO LAYERS 1/2" SHEETROCK BRAND GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.

NOTES:

- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. STAGGER AND FINISH JOINTS.
- C. CAULK PERIMETER.

○ 1 HOUR U OF C 9-21-64  
 1-1/2" = 1'-0"

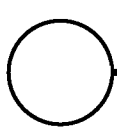
09A-4063



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 3 5/8" METAL STUDS AT 24" ON CENTER.

NOTES:

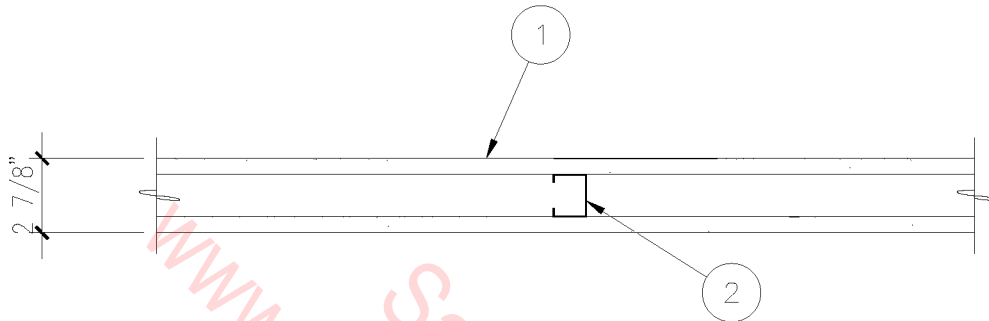
- A. SINGLE LAYER PANELS APPLIED VERTICALLY OR HORIZONTALLY AND SCREW ATTACHED.
- B. STAGGER AND FINISH JOINTS.
- C. CAULK PERIMETER.
- D. GA-WP-1200 BASE ON PANELS APPLIED HORIZONTALLY.



1 HOUR UL DES U465

1-1/2" = 1'-0"

09A-4064



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.

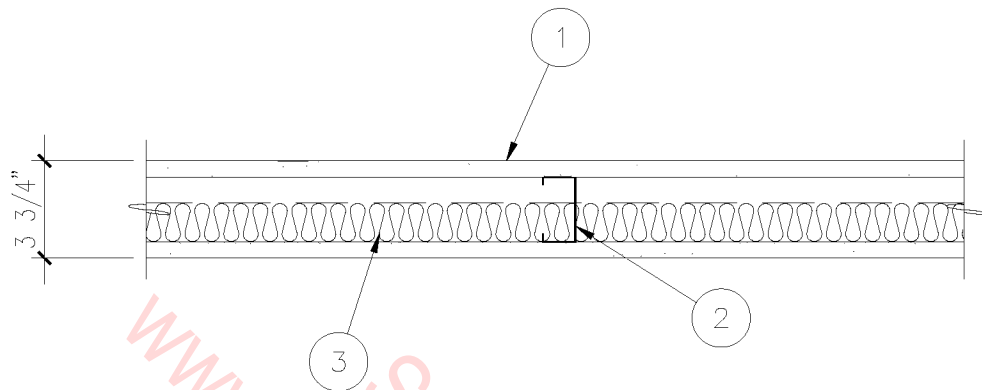
NOTES:

- A. SINGLE LAYER PANELS APPLIED VERTICALLY SCREW ATTACHED AT 12" ON CENTER.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.

○ 1 HOUR U OF C 7-31-62  
 1-1/2" = 1'-0"

09A-4065





1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 2 1/2" METAL STUDS AT 24" ON CENTER.
3. 1 1/2" THERMAFIBER SAFB.

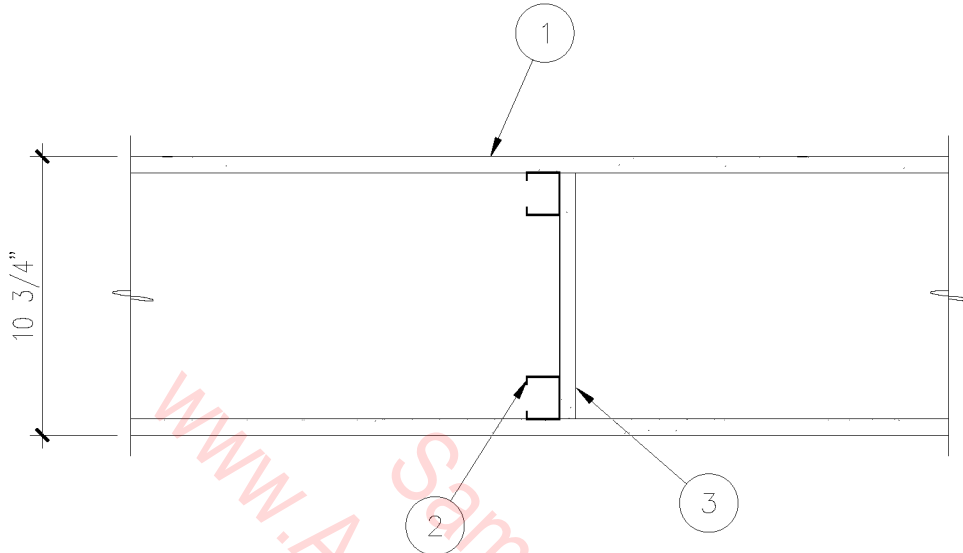
NOTES:

- A. PANELS APPLIED HORIZONTALLY AND SCREW ATTACHED, JOINTS FINISHED.
- B. OPPOSITE PANELS APPLIED VERTICALLY, JOINTS UNFINISHED.
- C. RATING ALSO APPLIES TO ASSEMBLY WITH 1/2" SHEETROCK BRAND GYPSUM PANELS FIRECODE C CORE, JOINTS FINISHED CEG 5-9-84.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 1 HOUR CEG 8-11-83

1-1/2" = 1'-0"

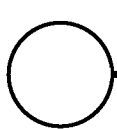
09A-4066



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER IN TWO ROWS SPACED 6 1/4" APART.
3. 5/8" GYPSUM PANEL GUSSETS OR STEEL RUN BRACES SPANNING CHASE SCREW ATTACHED TO STUDS.

NOTES:

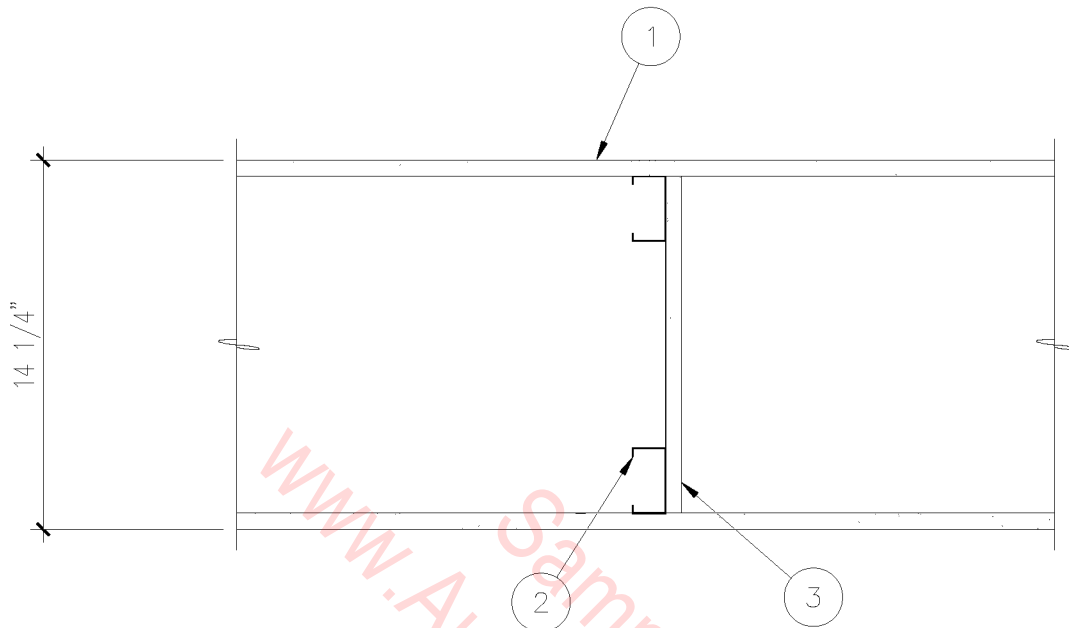
- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.



1 HOUR UL DES U420

1-1/2" = 1'-0"

09A-4067



1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. 2 1/2" METAL STUDS AT 24" ON CENTER IN TWO ROWS SPACED 8" APART.
3. 5/8" GYPSUM PANEL GUSSETS SPANNING CHASE ATTACHED TO STUDS AT QUARTER AND CENTER POINTS.

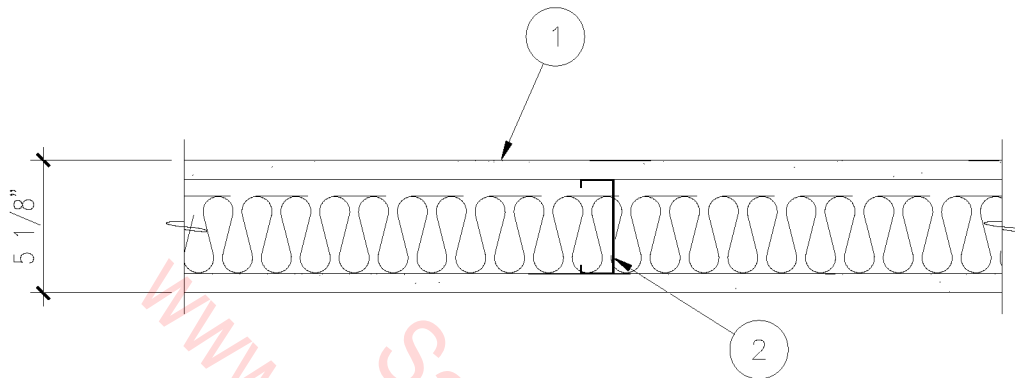
NOTES:

- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.

○ 1 HOUR UL DES U805

1-1/2" = 1'-0"

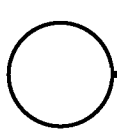
09A-4068



1. 3/4" SHEETROCK BRAND ULTRACODE CORE GYPSUM PANELS EACH SIDE.
2. 3 5/8" OR 3 1/2" METAL STUDS AT 24" ON CENTER.
3. 3" THERMAFIBER SAFB.

NOTES:

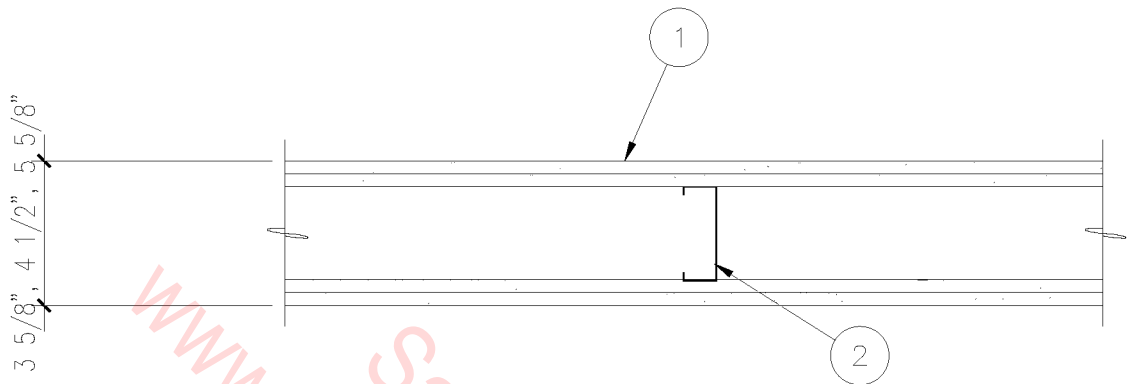
- A. PANELS VERTICALLY APPLIED AND SCREW ATTACHED AT 8" ON CENTER AT PERIMETER AND 12" ON CENTER ON FIELD.
- B. CAULK PERIMETER.
- C. JOINTS STAGGERED AND FINISHED.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



2 HOUR UL DES U491

1-1/2" = 1'-0"

09A-4069



1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8", 2 1/2", OR 3 5/8" METAL STUDS AT 24" ON CENTER.

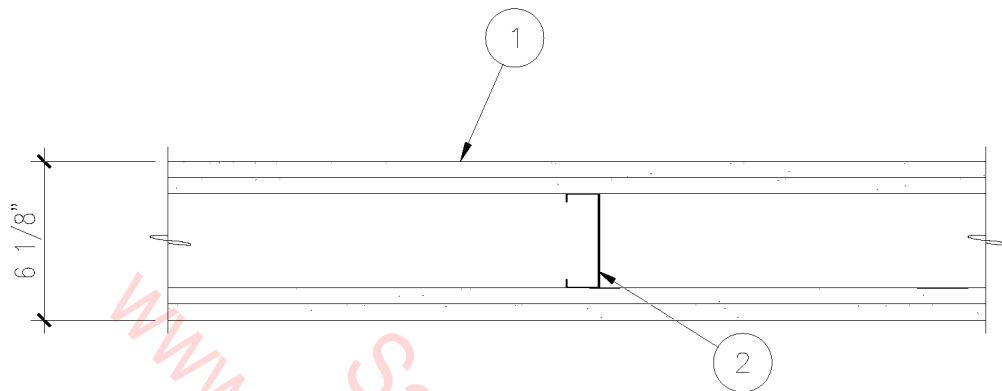
NOTES:

- A. BASE LAYER APPLIED VERTICALLY, SCREW ATTACHED.
- B. FACE LAYER APPLIED VERTICALLY OR HORIZONTALLY, JOINTS STAGGERED STRIP LAMINATE OR SCREW ATTACH.
- C. JOINTS FINISHED.
- D. CAULK PERIMETER.
- E. RATING BASED ON ASSEMBLY WITHOUT SOUND BATTEN BLANKETS.

○ 2 HOUR UL DES U412

1-1/2" = 1'-0"

09A-4070



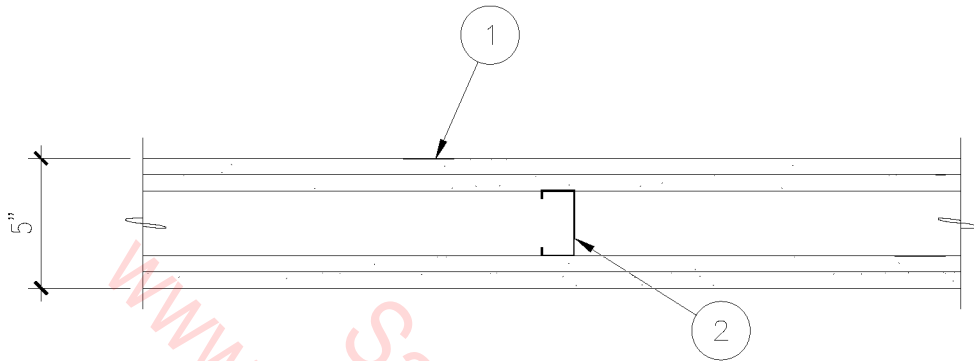
1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE PLAIN OR VINYL FACED GYPSUM PANELS VERTICALLY APPLIED EACH SIDE.
2. 3 5/8" STUDS AT 24" ON CENTER.

NOTES:

- A. BASE LAYERS SCREW ATTACHED.
- B. FACE LAYER LAMINATED OR SCREW ATTACHED.
- C. JOINTS STAGGERED AND FINISHED OR UNFINISHED.
- D. CAULK PERIMETER.

○ 2 HOUR UL DES U411  
 1-1/2" = 1'-0"

09A-4071



1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. 2 1/2" STUDS AT 24" ON CENTER.

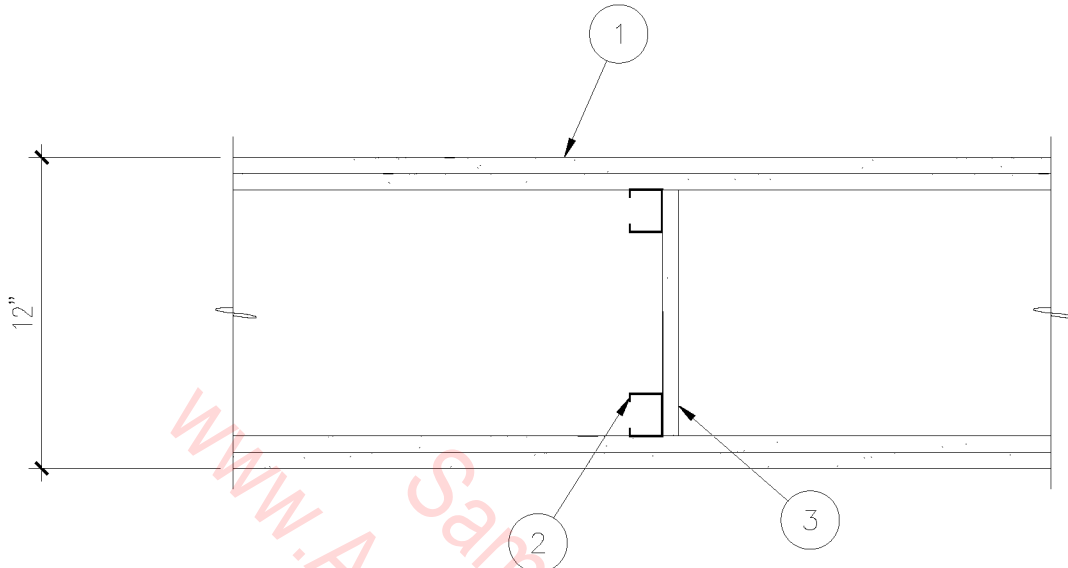
NOTES:

- A. PANELS APPLIED HORIZONTALLY AND JOINTS STAGGERED.
- B. BASE AND FACE LAYERS SCREW ATTACHED.
- C. CAULK PERIMETER.
- D. JOINTS FINISHED.

○ 2 HOUR GA-WP-1548

1-1/2" = 1'-0"

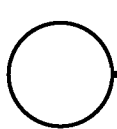
09A-4072



1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON-CENTER IN TWO ROWS SPACED 6 1/4" APART.
3. 5/8" GYPSUM PANEL GUSSETS OR STEEL RUN BRACES SPANNING CHASE SCREW ATTACHED TO STUDS.

NOTES:

- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.

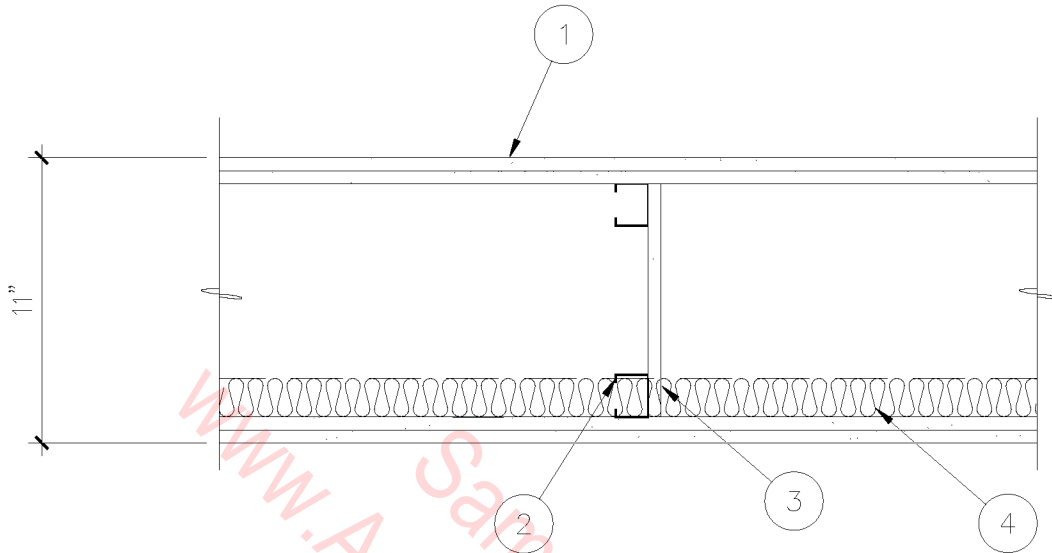


2 HOUR UL DES U420

1-1/2" = 1'-0"

09A-4073





1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER IN TWO ROWS SPACED 5 3/4" APART.
3. 1/2" GYPSUM PANEL GUSSETS SPANNING CHASE ATTACHED TO STUDS AT QUARTER POINTS.
4. 1 1/2" THERMAFIBER SAFB.

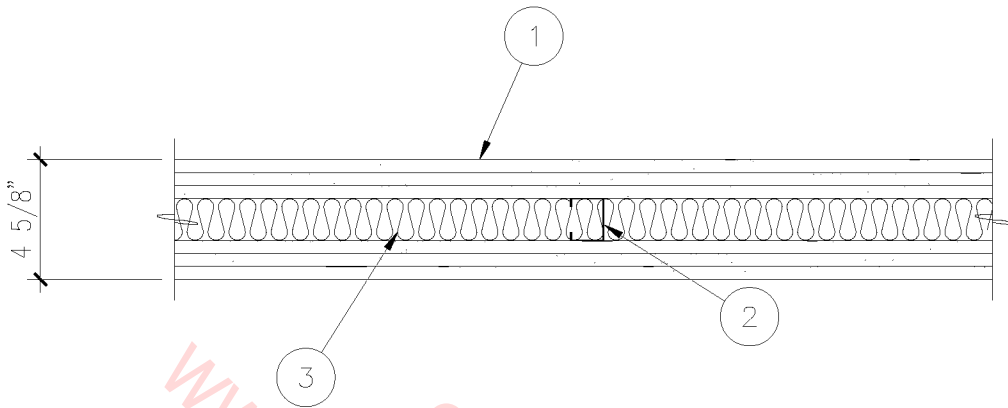
NOTES:

- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.
- C. ESTIMATED FIRE RATING BASED ON UL DES U412.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 2 HOUR EST. UL DES U412

1-1/2" = 1'-0"

09A-4074



1. THREE LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.
3. THERMAFIBER SAFB (OPTIONAL).

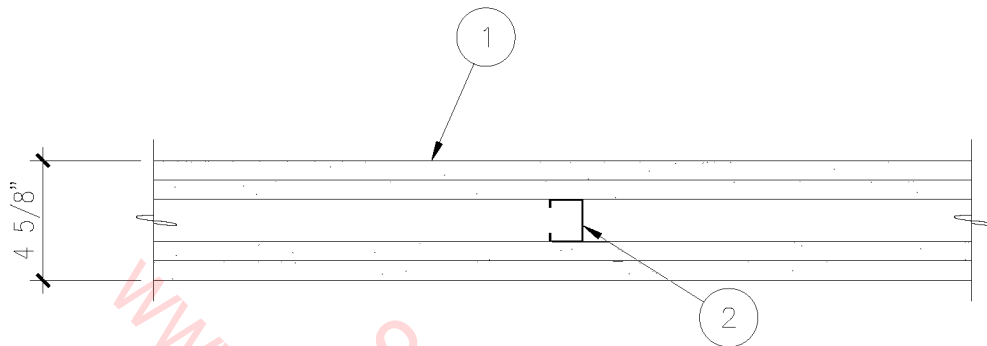
NOTES:

- A. BASE LAYERS APPLIED VERTICALLY.
- B. PANELS SCREW ATTACHED WITH JOINTS STAGGERED AND FINISHED.
- C. CAULK PERIMETER.
- D. RATING BASED ON ASSEMBLY WITH OR WITHOUT SAFB.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 3 HOUR UL DES U435

1-1/2" = 1'-0"

09A-4075



1. TWO LAYERS 3/4" SHEETROCK BRAND ULTRACODE CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.

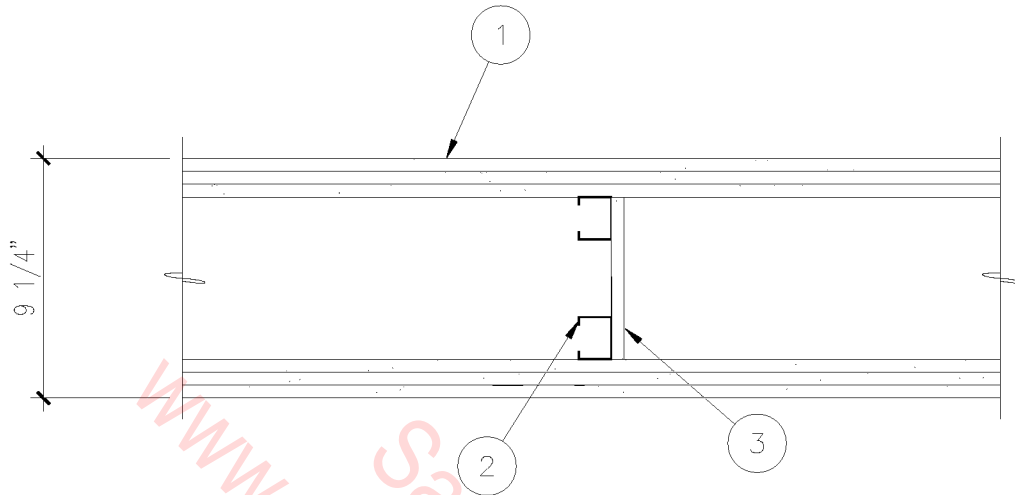
NOTES:

- A. BASE LAYER APPLIED VERTICALLY AND ATTACHED WITH 1 1/4" TYPE "S" SCREWS AT 24" ON CENTER.
- B. JOINTS FINISHED.
- C. FACE LAYER ATTACHED VERTICALLY OR HORIZONTALLY WITH 2 1/4" TYPE "S" SCREWS AT 12" ON CENTER.
- D. ATTACH HORIZONTAL JOINTS WITH TYPE "G" SCREWS MIDWAY BETWEEN FRAMING (24" ON CENTER).
- E. CAULK PERIMETER.

○ 3 HOUR UL DES U435

1-1/2" = 1'-0"

09A-4076



1. THREE LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER IN TWO ROWS SPACED 3" APART.
3. GYPSUM PANEL GUSSETS OR STEEL RUN BRACES SPANNING CHASE SCREW ATTACHED TO STUDS.

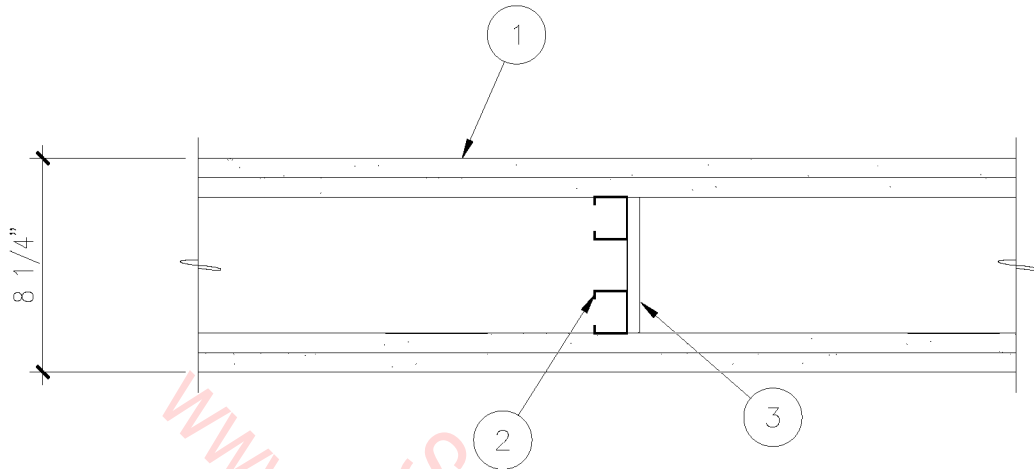
NOTES:

- A. PANELS APPLIED VERTICALLY AND SCREW ATTACHED.
- B. JOINTS STAGGERED AND FINISHED.
- C. 2 HOUR RATING APPLIES WITH TWO LAYERS PANELS EACH SIDE.
- D. 1 HOUR RATING APPLIES WITH ONE LAYER 5/8" PANELS EACH SIDE.

○ 3 HOUR UL DES U436

1-1/2" = 1'-0"

09A-4077



1. TWO LAYERS 3/4" SHEETROCK BRAND ULTRACODE CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER IN TWO ROWS SPACED 2" APART.
3. GYPSUM PANEL GUSSETS OR STEEL RUN BRACES SPANNING CHASE SCREW ATTACHED TO STUDS.

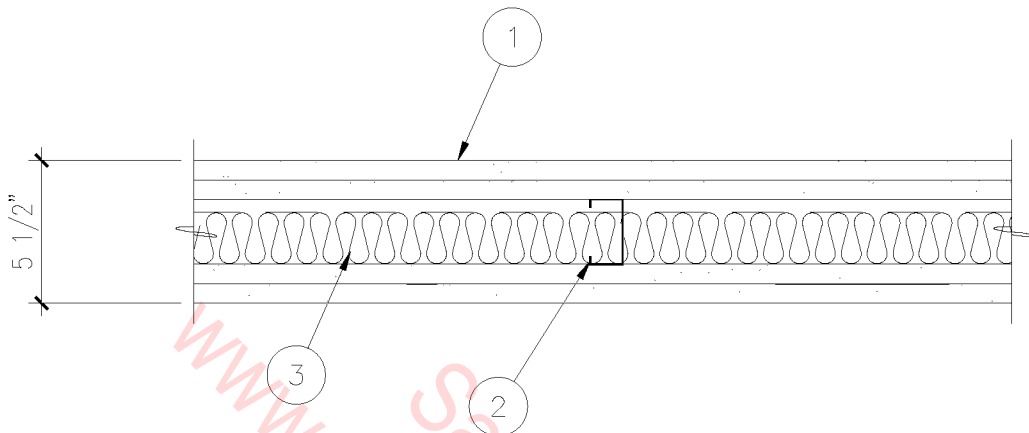
NOTES:

- A. BASE LAYER APPLIED VERTICALLY AND ATTACHED WITH 1 1/4" TYPE "S" SCREWS AT 24" ON CENTER.
- B. JOINTS STAGGERED AND FINISHED.
- C. FACE LAYER ATTACHED VERTICALLY OR HORIZONTALLY WITH 2 1/4" TYPE "S" SCREWS AT 12" ON CENTER.
- D. ATTACH HORIZONTAL JOINTS WITH TYPE "G" SCREWS MIDWAY BETWEEN FRAMING (24" ON CENTER).

○ 3 HOUR UL DES U436

1-1/2" = 1'-0"

09A-4078



1. TWO LAYERS 3/4" SHEETROCK BRAND ULTRACODE CORE GYPSUM PANELS EACH SIDE.
2. 2 1/2" METAL STUDS AT 24" ON CENTER.
3. 2" THERMAFIBER SAFB.

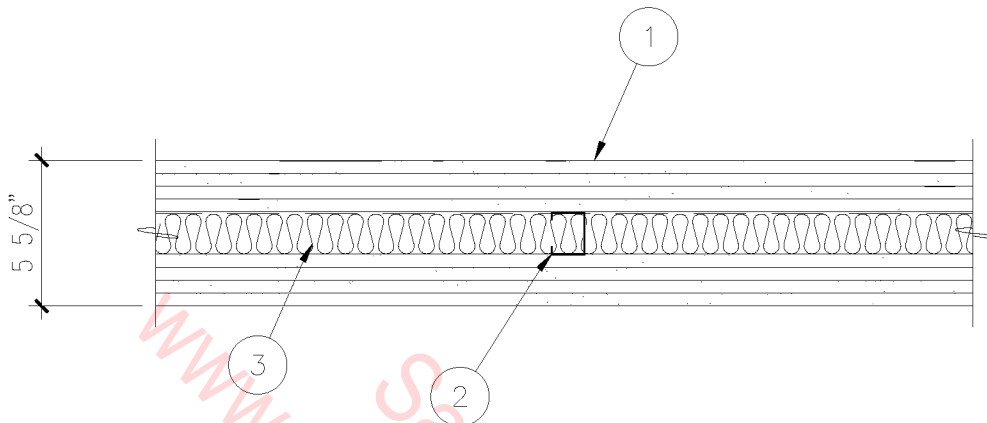
NOTES:

- A. BASE LAYER APPLIED VERTICALLY, JOINTS STAGGERED AND SCREW ATTACHED AT 24" ON CENTER.
- B. FACE LAYER APPLIED VERTICALLY OR HORIZONTALLY AND SCREW ATTACHED AT 12" ON CENTER.
- C. ATTACH HORIZONTAL JOINTS WITH TYPE "G" SCREWS MIDWAY BETWEEN FRAMING (24" ON CENTER).
- D. JOINTS FINISHED.
- E. CAULK PERIMETER.
- F. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.

○ 4 HOUR UL DES U490

1-1/2" = 1'-0"

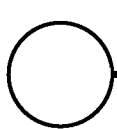
09A-4079



1. FOUR LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS EACH SIDE.
2. 1 5/8" METAL STUDS AT 24" ON CENTER.
3. 2" THERMAFIBER SAFB (OPTIONAL).

NOTES:

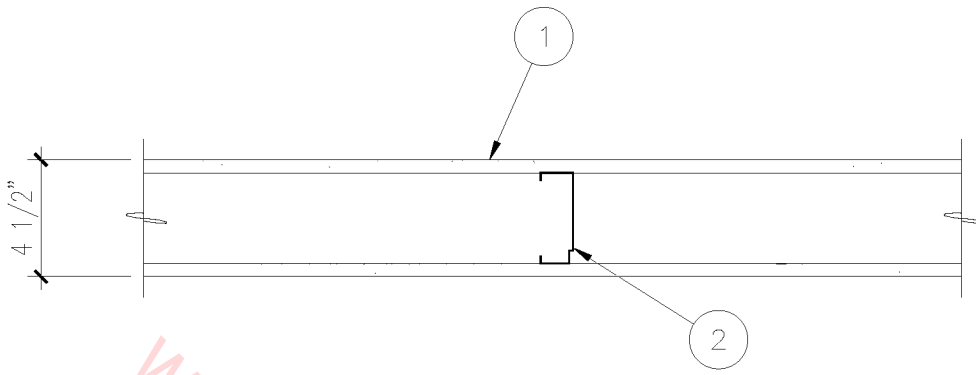
- A. BASE LAYER APPLIED VERTICALLY.
- B. FACE LAYER APPLIED HORIZONTALLY.
- C. PANELS SCREW ATTACHED WITH JOINTS STAGGERED AND FINISHED.
- D. CAULK PERIMETER.
- E. RATING BASED ON ASSEMBLY WITH OR WITHOUT SOUND BATTEN FIRE BLANKETS.
- F. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



4 HOUR UL DES U435

1-1/2" = 1'-0"

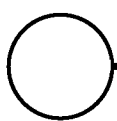
09A-4080



1. 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.

NOTES:

- A. PANELS APPLIED VERTICALLY AND ATTACHED WITH 1" TYPE S-12 SCREWS AT 12" ON CENTER.
- B. FINISH JOINTS.
- C. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL.

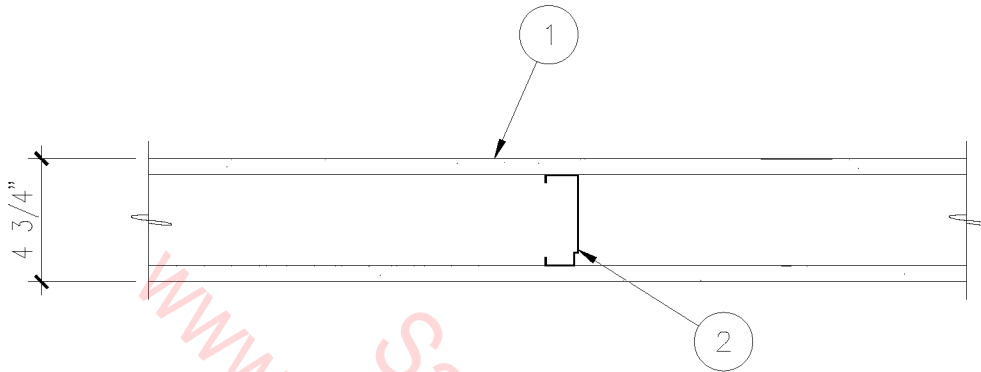


45 MIN. UL DES U425

1-1/2" = 1'-0"

09A-4081





1. 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.

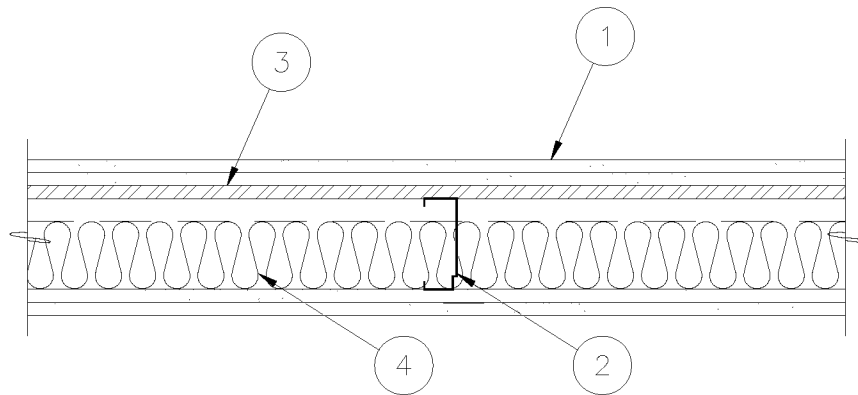
NOTES:

- A. PANELS APPLIED VERTICALLY AND ATTACHED WITH 1" TYPE S-12 SCREWS AT 12" ON CENTER.
- B. FINISH JOINTS.
- C. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL.

○ 1 HOUR UL DES U425

1-1/2" = 1'-0"

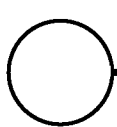
09A-4082



1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS
4. 1", 1-1/2", 2", OR 3" THERMAFIBER SAFB.

NOTES:

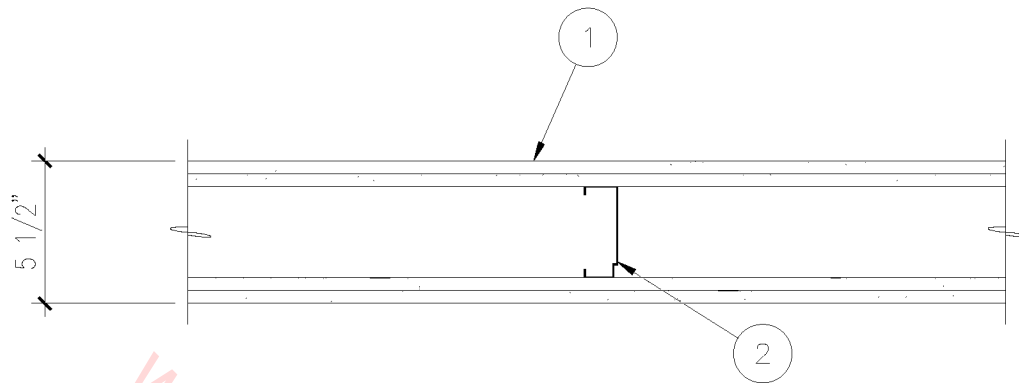
- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED .
- B. BASE LAYER ATTACHED WITH 1" TYPE S-12 SCREWS AT 12" ON CENTER.
- C. FACE LAYER ATTACHED WITH 1 5/8" TYPE S-12 SCREWS AT 12" ON CENTER.
- D. JOINTS FINISHED.
- E. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- F. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL LOAD.
- G. RATING ALSO APPLIES WITH IMPERIAL FIRECODE C BASE AND VENEER FINISH SURFACE.
- H. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



1 HOUR UL DES U440

1-1/2" = 1'-0"

09A-4083



1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.

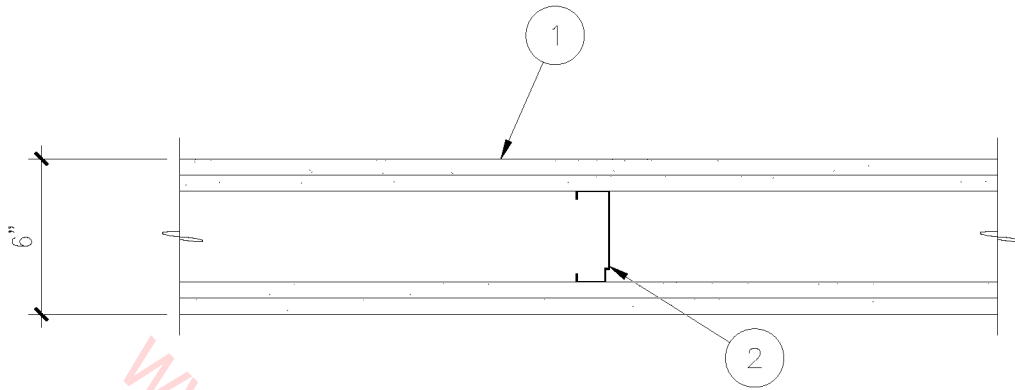
NOTES:

- A. PANELS APPLIED VERTICALLY.
- B. BASE LAYER ATTACHED WITH 1" TYPE S-12 SCREWS AT 12" ON CENTER.
- C. FACE LAYER ATTACHED WITH 1 5/8" TYPE S-12 SCREWS AT 12" ON CENTER.
- D. JOINTS FINISHED.
- E. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL LOAD.

○ 1-1/2 HOUR UL DES U425

1-1/2" = 1'-0"

09A-4084



1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.

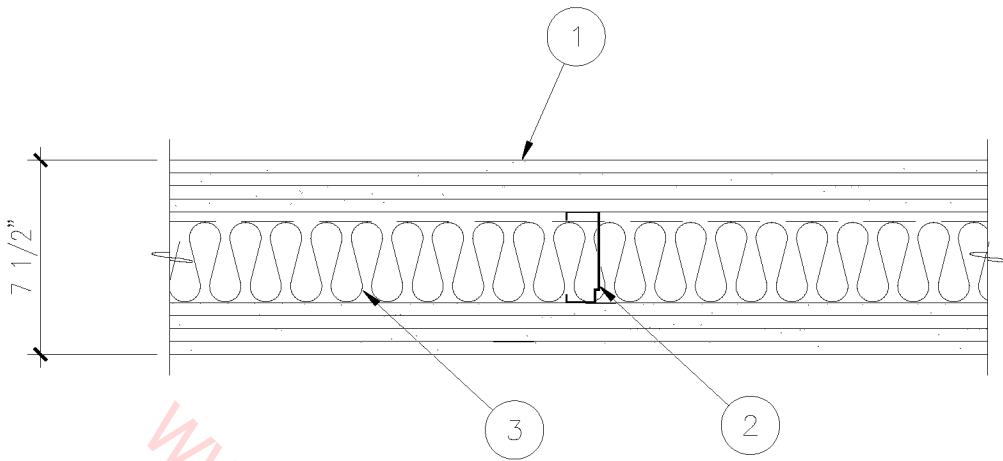
NOTES:

- A. PANELS APPLIED VERTICALLY.
- B. BASE LAYER ATTACHED WITH 1" TYPE S-12 SCREWS AT 12" ON CENTER.
- C. FACE LAYER ATTACHED WITH 1 5/8" TYPE S-12 SCREWS AT 12" ON CENTER.
- D. JOINTS FINISHED.
- E. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL LOAD.

○ 2 HOUR UL DES U425

1-1/2" = 1'-0"

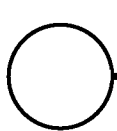
09A-4085



1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE CORE GYPSUM PANELS.
2. 35SJ20 METAL STUDS AT 24" ON CENTER.
3. 1", 1 1/2", 2", OR 3" THERMAFIBER SAFB (OPTIONAL).

NOTES:

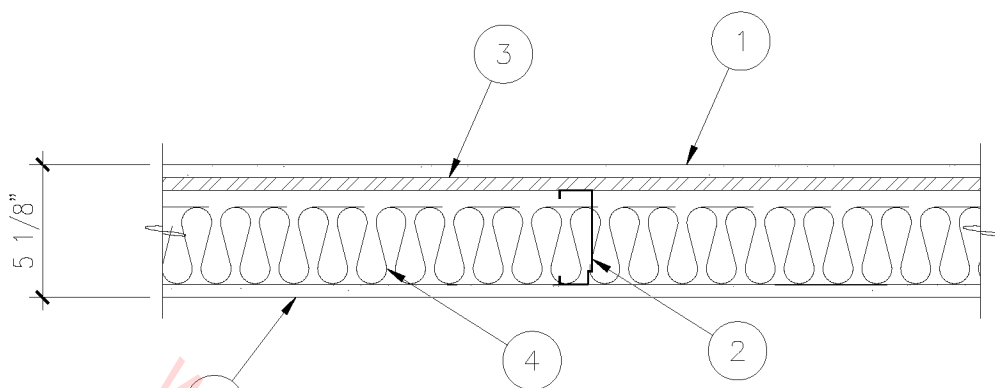
- A. BASE LAYERS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. BASE PANELS ATTACHED WITH TYPE S-12 SCREWS AT 48" ON CENTER.
- C. FACE LAYER APPLIED VERTICALLY OR HORIZONTALLY WITH 2 5/8" TYPE S-12 SCREWS AT 12" ON CENTER AND 1 1/2" TYPE "G" SCREWS IN PANELS.
- D. RATING ALSO APPLIES WITH IMPERIAL FIRECODE C BASE AND VENEER FINISH SURFACES.
- E. LOAD BEARING UP TO 100% ALLOWABLE STUD AXIAL LOAD.
- F. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



3 HOUR UL DES U426

1-1/2" = 1'-0"

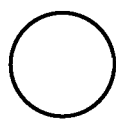
09A-4086



1. 1/2" SHEETROCK BRAND FIRECODE50 C CORE GYPSUM PANELS SCREW ATTACHED TO CHANNEL AND/OR STUDS.
2. 362SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS.
4. 3" THERMAFIBER SAFB.

NOTES:

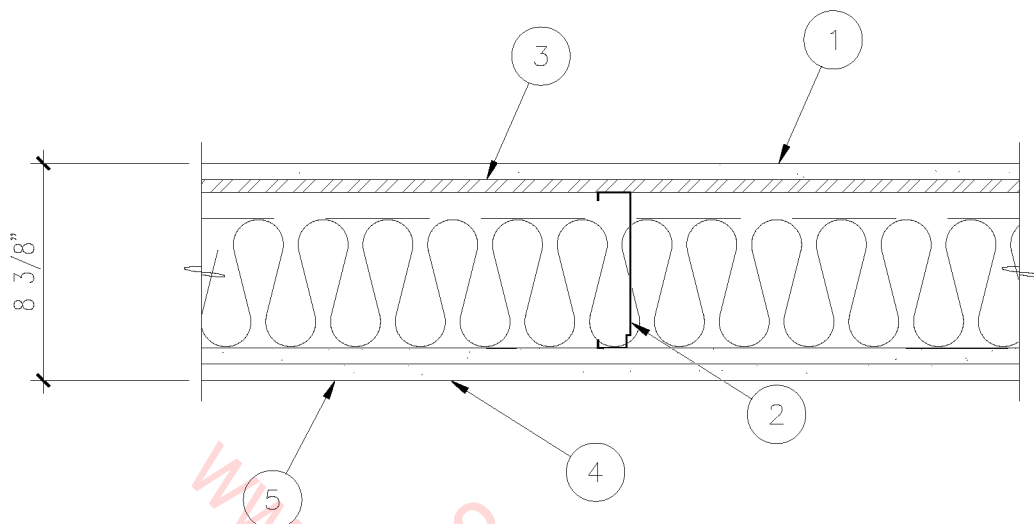
- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



1 HOUR UL DES U451

1-1/2" = 1'-0"

09A-4087



1. ONE LAYER 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL SCREW ATTACHED TO CHANNEL.
2. 60SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS.
4. 5" THERMAFIBER SAFB.
5. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL SCREW ATTACHED TO STUDS.

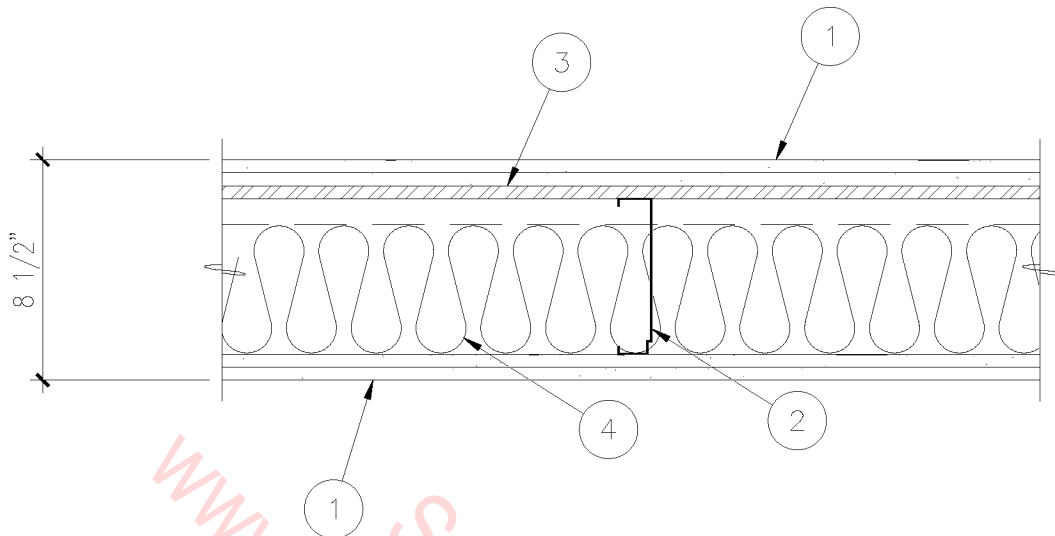
NOTES:

- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

○ 1-1/2 HOUR UL DES U452

1-1/2" = 1'-0"

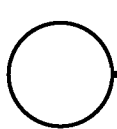
09A-4088



1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS SCREW ATTACHED TO CHANNEL AND/OR STUDS.
2. 60SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS.
4. 5" THERMAFIBER SAFB.

NOTES:

- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.

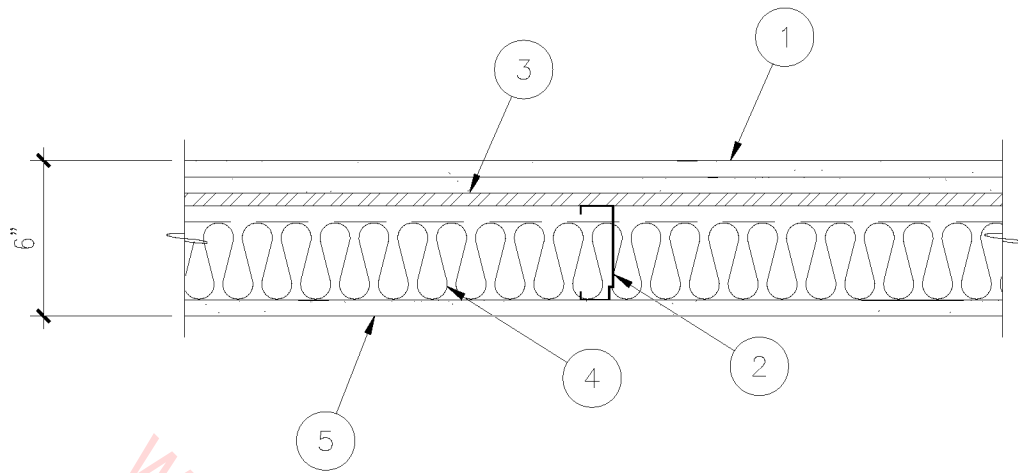


2 HOUR UL DES U454

1-1/2" = 1'-0"

09A-4089

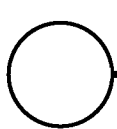




1. TWO LAYERS 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS SCREW ATTACHED TO CHANNEL.
2. 362SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS.
4. 3" THERMAFIBER SAFB.
5. ONE LAYER 5/8" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANEL SCREW ATTACHED TO STUDS.

NOTES:

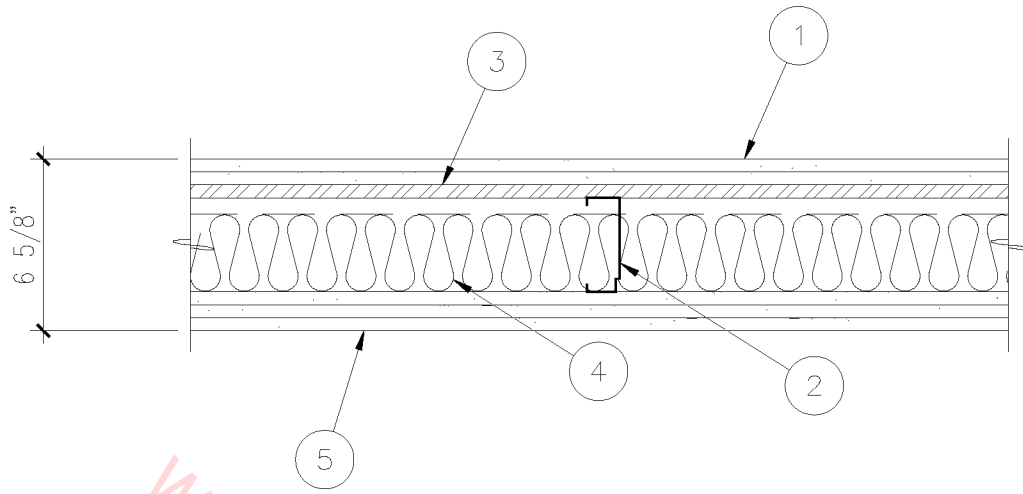
- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



2 HOUR UL DES U453

1 1/2" = 1'-0"

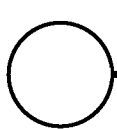
09A-4090



1. TWO LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS SCREW ATTACHED TO CHANNEL.
2. 362SJ20 METAL STUDS AT 24" ON CENTER.
3. RC-1 CHANNEL ONE SIDE SPACED AT 24" SCREW ATTACHED TO STUDS.
4. 3" THERMAFIBER SAFB.
5. THREE LAYERS 1/2" SHEETROCK BRAND FIRECODE C CORE GYPSUM PANELS SCREW ATTACHED TO STUDS.

NOTES:

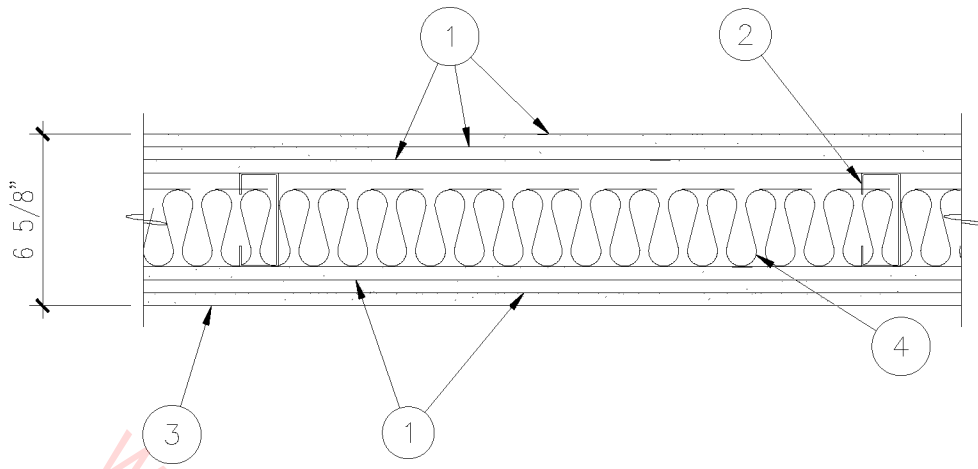
- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.
- E. ASSEMBLIES WITH RC-1 RESILIENT CHANNEL REQUIRE LATERAL BRACING AND OFFER ESTIMATED FIRE RATING.



3 HOUR UL DES U455

1 1/2" = 1'-0"

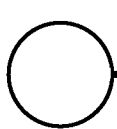
09A-4091



1. 1/2" SHEETROCK BRAND FIRECODE 'C' CORE GYPSUM PANELS.
2. 3 5/8" METAL STUDS AT 24" O.C.
3. 1/2" CEMENTITIOUS BACKER BOARD.
4. 3" THERMAFIBER SAFB.

NOTES:

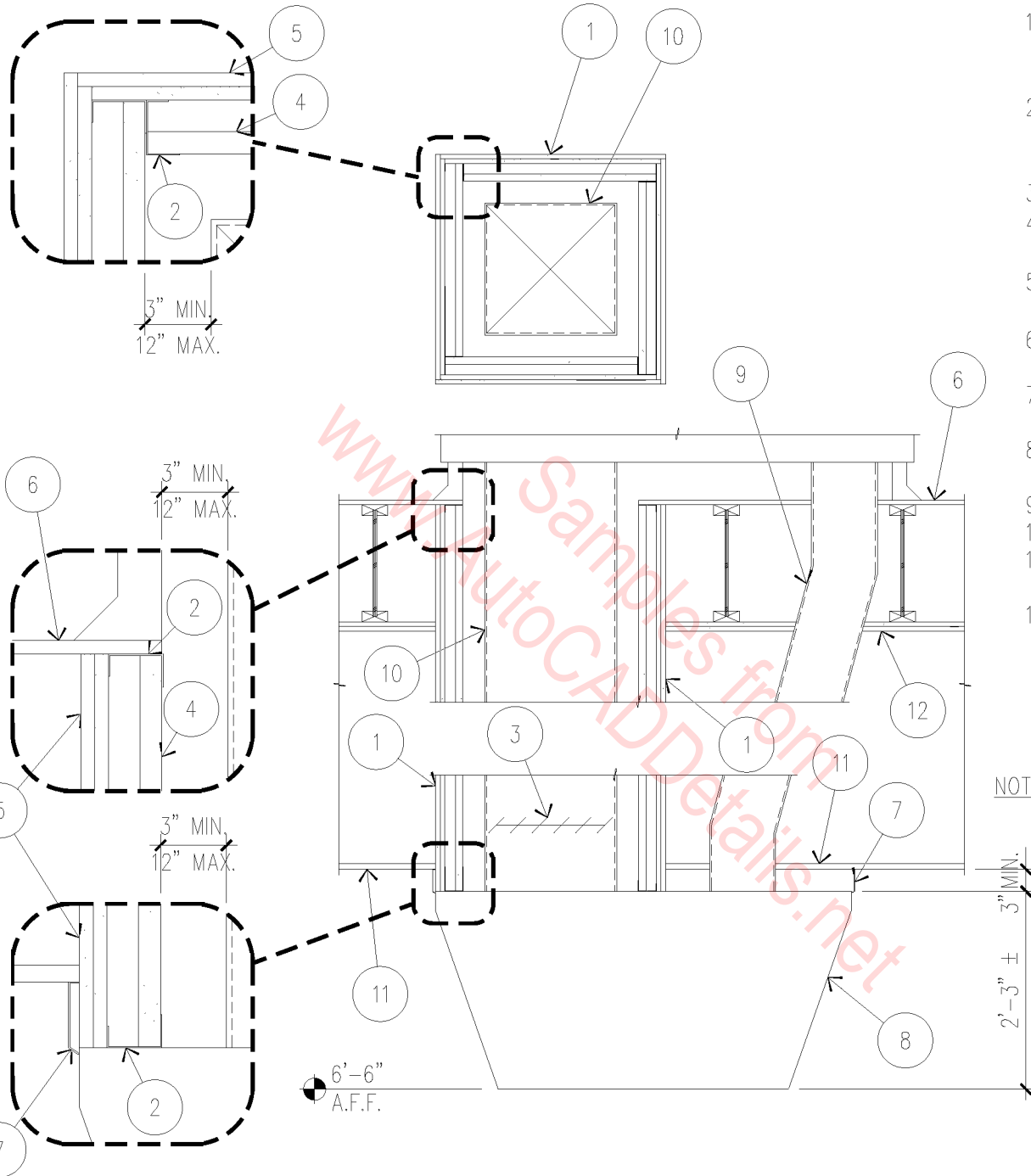
- A. PANELS APPLIED VERTICALLY WITH JOINTS STAGGERED.
- B. JOINTS FINISHED.
- C. CAULK PERIMETER.
- D. FIBERGLASS INSULATION CAN NOT BE SUBSTITUTED FOR THERMAFIBER INSULATION.



3 HOUR UL DES U478

1 1/2" = 1'-0"

09A-4092



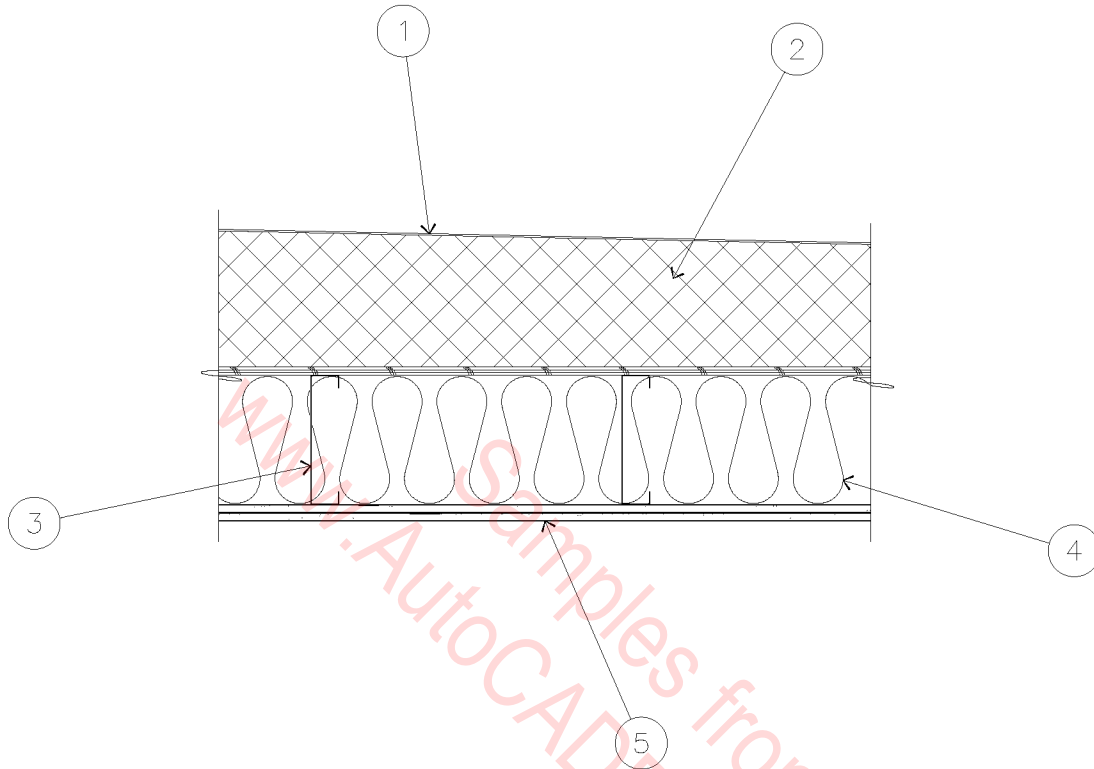
1. 2 HOUR SHAFT WALL, UL DESIGN U438, AT EXHAUST DUCT.
2. 'J' SHAPED RUNNER, 2-1/2" WIDE, 24 MSG GALVANIZED STEEL.
3. FIRE DAMPER.
4. 1" GYPSUM BOARD LINER PANELS.
5. (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD.
6. TOP OF ROOFING SYSTEM.
7. 22 GAUGE STAINLESS CLOSURE.
8. STAINLESS STEEL EXHAUST HOOD.
9. SUPPLY DUCT.
10. EXHAUST DUCT.
11. SUSPENDED CEILING SYSTEM.
12. ONE HOUR RATED ROOF SYSTEM - (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD ON JOISTS.

NOTE: ALL BLOW-UPS  
1 1/2" = 1'-0"

6'-6"  
A.F.F.

**KITCHEN DUCT ENCLOSURE**  
1/2" = 1'-0"

09A-4093



1. SINGLE PLY MEMBRANE ROOFING.
2. TAPERED RIGID INSULATION.
3. 10" X 16 GA. STEEL CHANNEL ROOF JOISTS.
4. FIBERGLASS BATT INSULATION.
5. 2 LAYERS 5/8" TYPE "X" GYPSUM BOARD. FIRE TAPE ALL JOINTS AND FASTENERS.

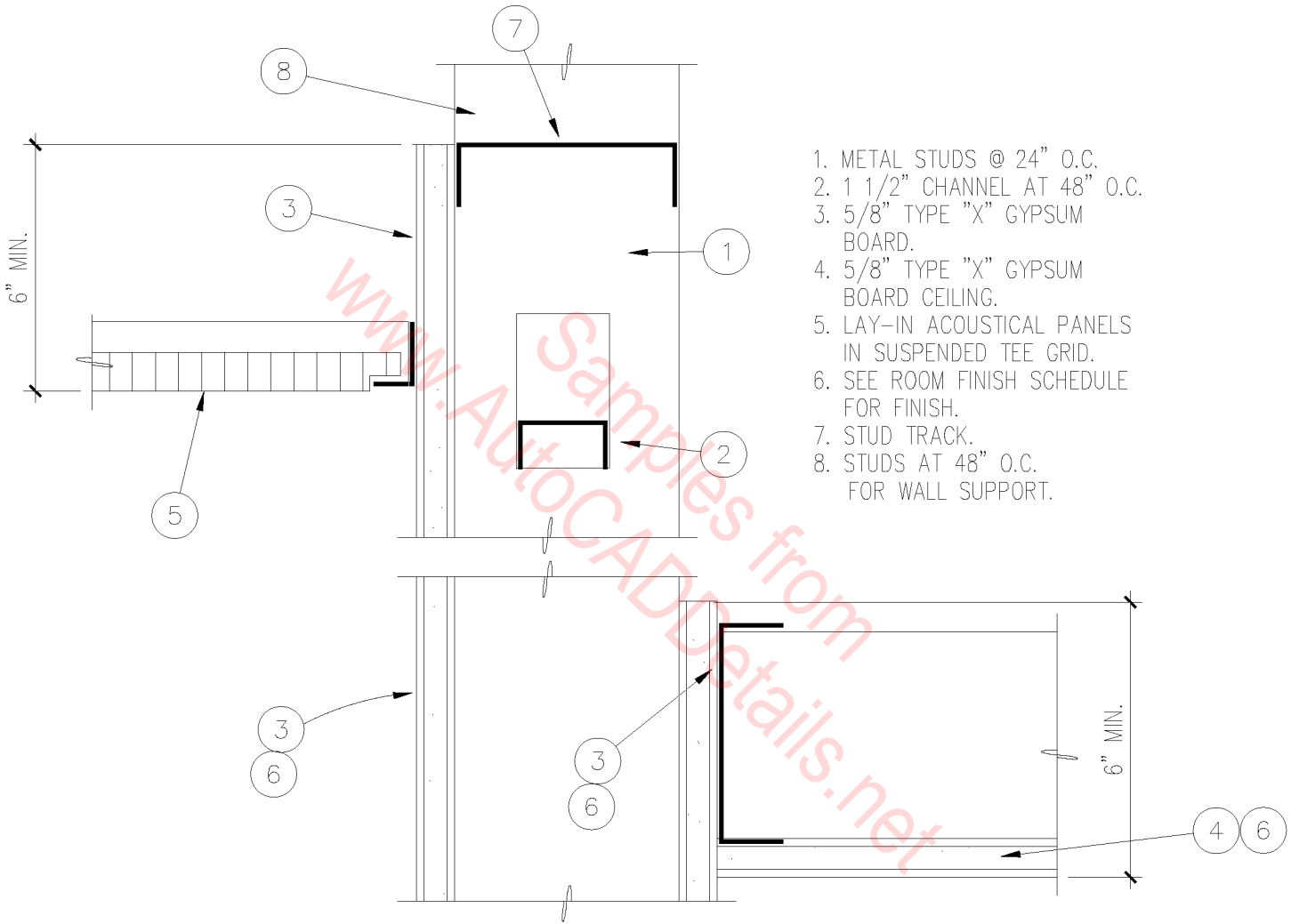
SIMILAR TO U.L. DESIGN NO. P512.

○ 1 HOUR CEILING

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3/4" = 1'-0"

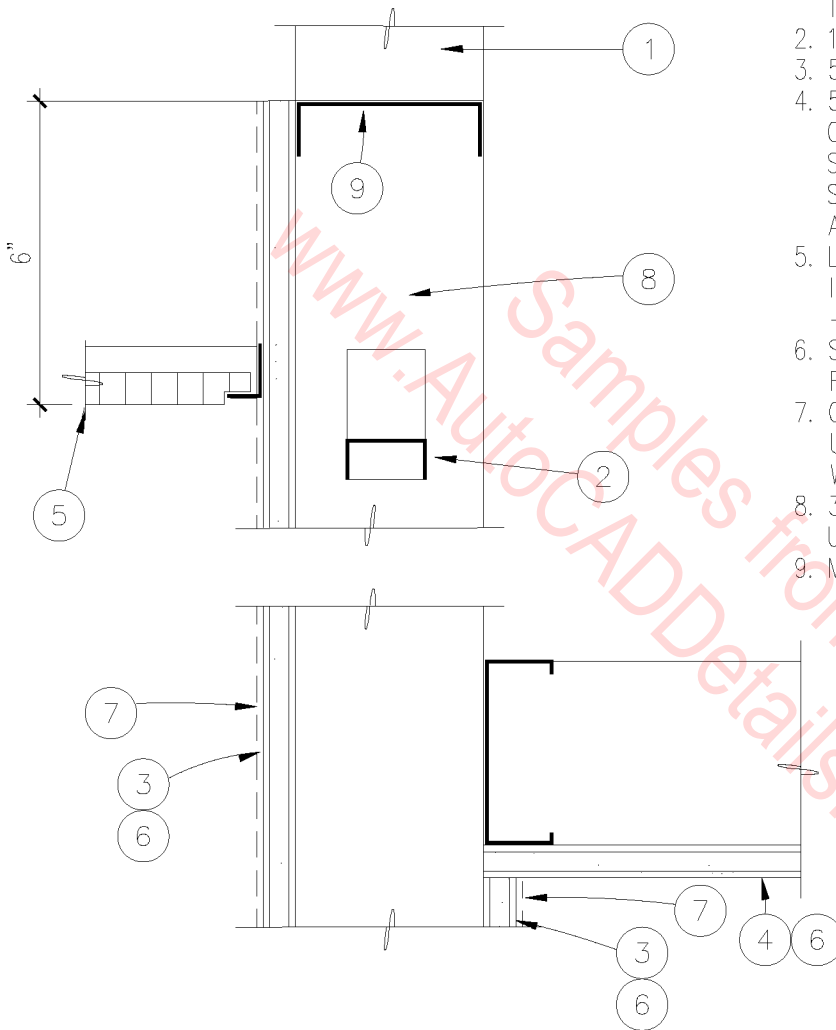
09A-4094



1. METAL STUDS @ 24" O.C.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE "X" GYPSUM BOARD CEILING.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. STUD TRACK.
8. STUDS AT 48" O.C. FOR WALL SUPPORT.


 CEILING AT WALL  
 3" = 1'-0"

09A-2001

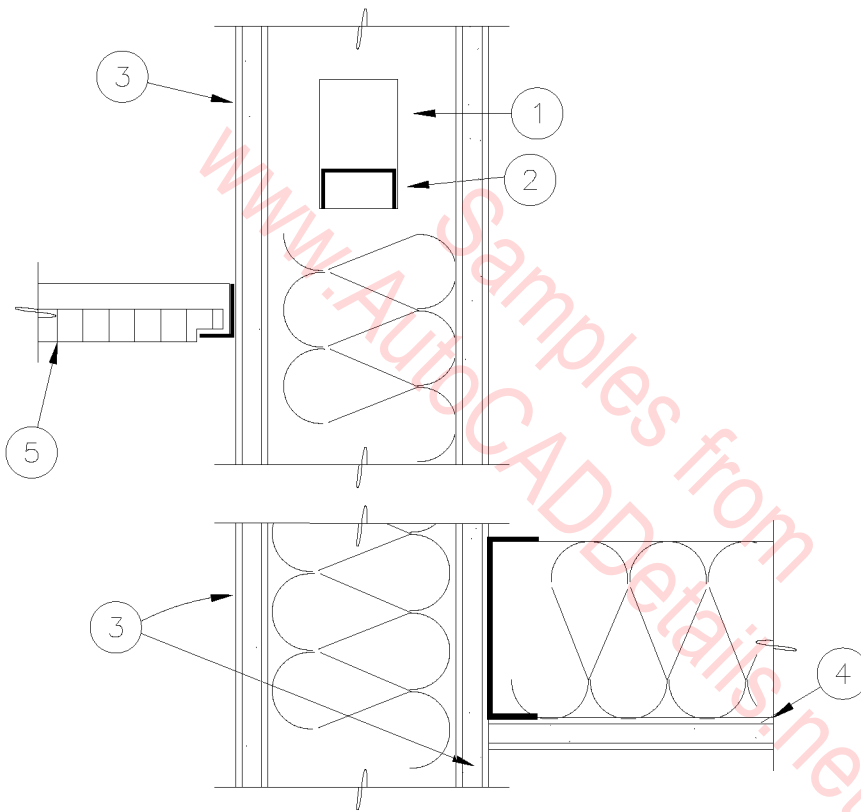


1. 3-5/8" METAL STUDS AT 48" O.C. TO ROOF DECK, WALL BRACE.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD.
4. 5/8" TYPE X GYPSUM WALLBOARD ON METAL STUDS (CEILING JOISTS) SEE SPECIFICATIONS FOR SIZE, SPACING & GAUGE WHERE APPLICABLE.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID -WHERE APPLICABLE.
6. SEE ROOM FINISH SCHEDULE FOR FINISH.
7. CERAMIC TILE ON GLASS MESH MORTAR UNITS, IN LIEU OF GYPSUM BOARD WHERE APPLICABLE.
8. 3-5/8" METAL STUDS AT 24" O.C. UNLESS NOTED OTHERWISE.
9. METAL CEILING RUNNER.

○
CEILING AT WALL  
3" = 1'-0"

09A-2002

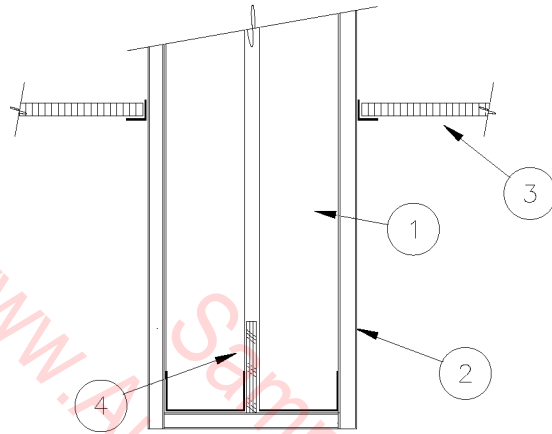
1. METAL STUDS @ 24" O.C.
2. 1 1/2" CHANNEL AT 48" O.C.
3. 5/8" TYPE "X" GYPSUM BOARD WHERE APPLICABLE.
4. 5/8" TYPE "X" GYPSUM BOARD CEILING WHERE APPLICABLE.
5. LAY-IN ACOUSTICAL PANELS IN SUSPENDED TEE GRID -WHERE APPLICABLE.



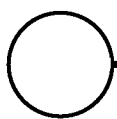

 CEILING AT WALL  
 3" = 1'-0"

09A-2003





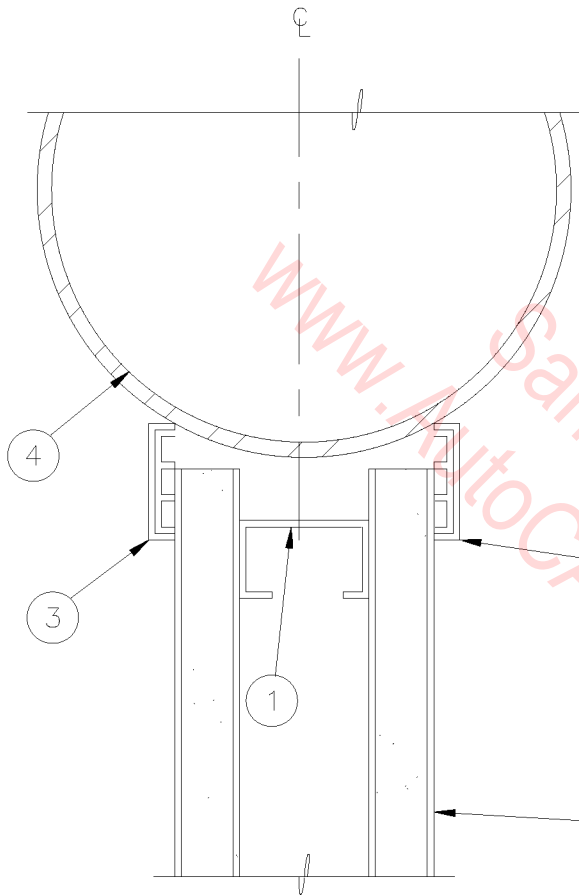
1. 3-5/8" METAL STUDS @  
24" O.C.  
2. 5/8" GYP. BOARD.  
3. ACOUSTICAL CEILING TILE.  
4. PLYWOOD BLOCKING.



## CEILING TRANSITION

1" = 1'-0"

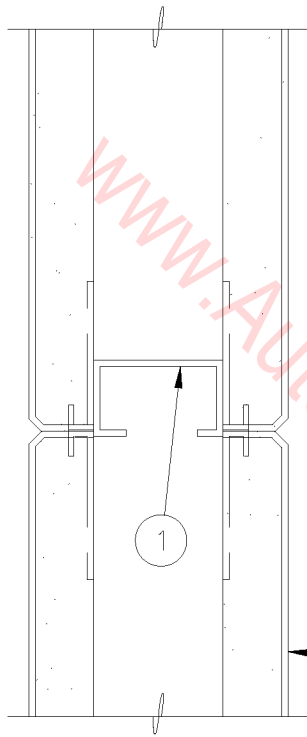
09A-2004



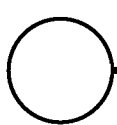
1. 2-1/2", 20 GA METAL STUD.
2. 5/8" TYPE "X" GYP. BD.,  
VINYL FACED, EACH SIDE.
3. PVC BATTEN ON STEEL RETAINER.
4. EXISTING PIPE COLUMN.


 WALL AT COLUMN  
 3" = 1'-0"

09A-2005



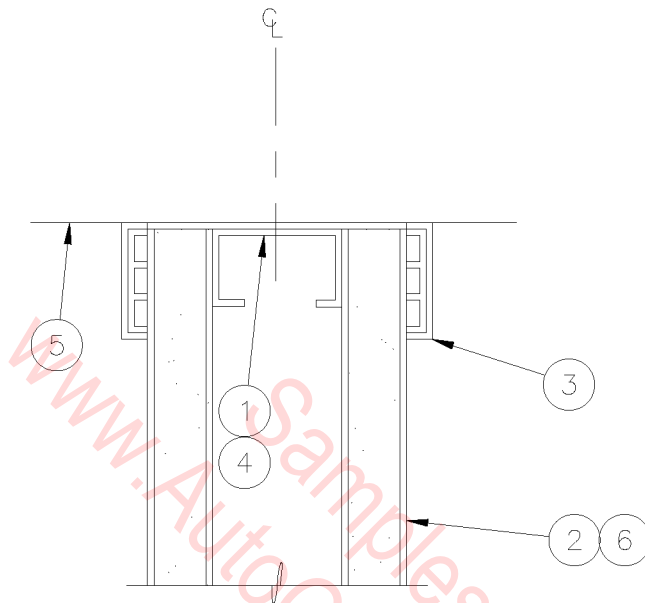
1. 2-1/2", 20 GA METAL STUD AT 24" O.C., PANEL JOINTS AT 48" O.C. WITH PANEL CLIPS.
2. 5/8" TYPE "X" GYP. BD., VINYL FACED, EACH SIDE.
3. MOVABLE WALL SYSTEM.



## DEMOUNTABLE WALL

3" = 1'-0"

09A-2006

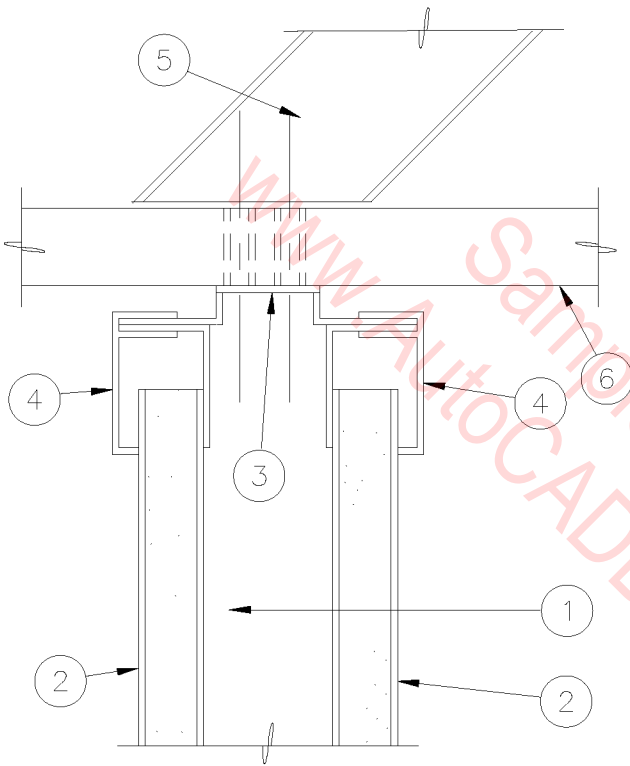


1. 2-1/2", 20 GA METAL STUD.
2. 5/8" TYPE "X" GYP. BD.,  
VINYL FACED, EACH SIDE.
3. PVC BATTEN ON STEEL RETAINER.
4. ANCHOR TO ADJACENT WALL  
6" FROM TOP AND BOTTOM  
AND 32" O.C.
5. FACE OF ADJACENT WALL.
6. MOVABLE WALL SYSTEM.

# ○ DEMOUNTABLE WALL

3" = 1'-0"

09A-2007

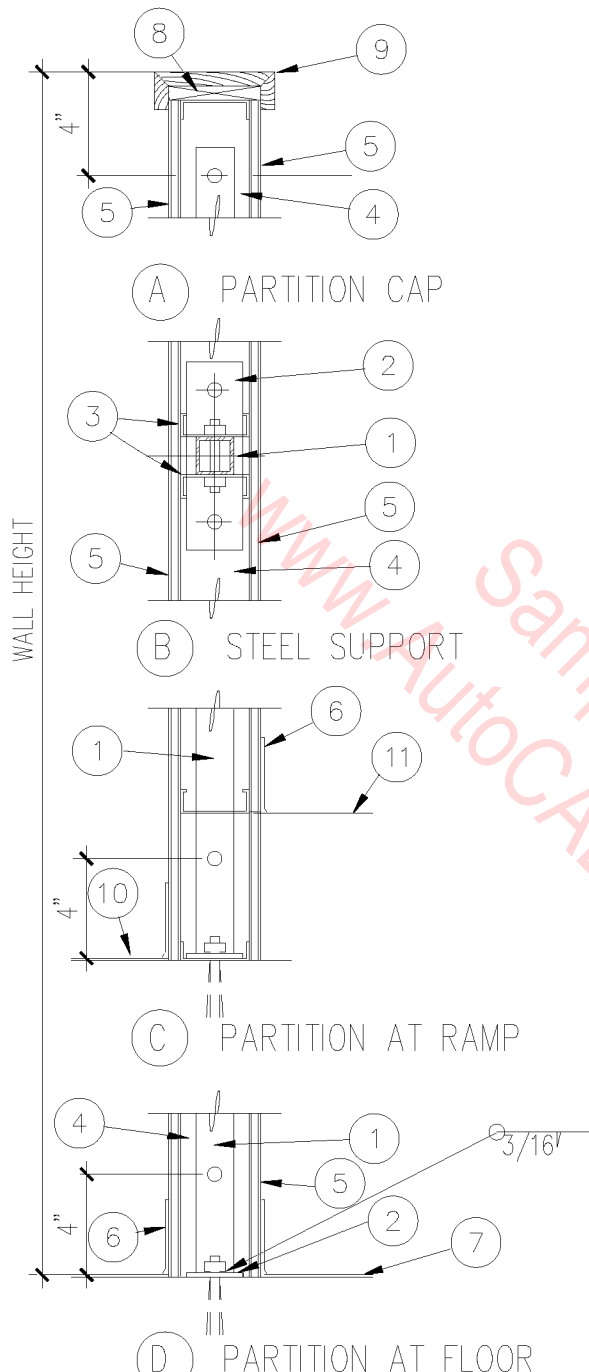


1. 2-1/2" 20 GA. METAL STUDS AT 24" O.C.
2. 5/8" TYPE "X" GYP. BD., VINYL FACED.
3. STEEL CEILING RUNNER WITH 2 ANCHORS WITH SPACERS AT EACH WALL BRACE.
4. PVC CEILING TRIM.
5. 2-1/2" 20 GA. METAL STUD AT 8'-0" O.C. WALL BRACE.
6. SUSPENDED CEILING SYSTEM WITH LAY-IN ACOUSTIC PANELS.
7. MOVABLE WALL SYSTEM.

# ○ DEMOUNTABLE WALL

3" = 1'-0"

09A-2008

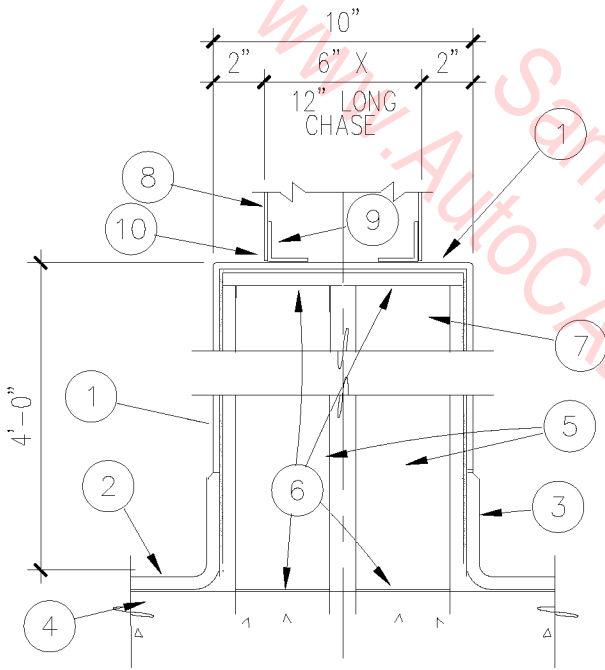
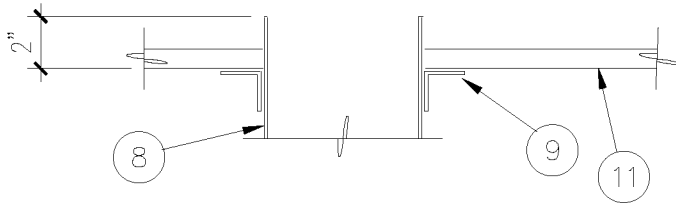


1. STEEL TUBE 2" X 2" X 3/16"  
LOCATE AT 6" FROM EACH  
END AND 6'-8" O. C.
2. STEEL PLATE 3" X 10" X 1/4"  
ANCHOR TO FLOOR WITH 2-  
3/4" DIAMETER EXPANSION BOLTS  
EMBEDDED 3" MIN.
3. 2 - 3-5/8" METAL STUDS  
ANCHOR TO STEEL TUBE AT  
4" FROM TOP AND BOTTOM  
AND 2'-0" O.C. WITH  
1/2" DIAMETER BOLTS WITH 2"  
WASHERS EACH SIDE.
4. 3-5/8" METAL STUDS AT  
16" O.C.
5. 5/8" TYPE "X" GYP. BD.
6. RUBBER BASE.
7. VCT TILE ON CONCRETE  
FLOOR SLAB.
8. 3/4" FIRE RETARDANT  
TREATED WOOD BLOCKING.
9. 3/4" HARDWOOD TRIM.
10. RAMP SIDE OF PARTITION.
11. PLATFORM SIDE OF PARTITION.
12. METAL STUD BLOCKING.

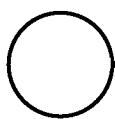
# HALF WALL

1 1/2" = 1'-0"

09A-2009



1. CERAMIC WALL TILE  
THIN SET ON GLASS  
MESH MORTAR UNIT.
2. FLOORING
3. FLOORING AND INTEGRAL BASE.  
(TROWEL ON SEAMLESS BASE).
4. DEPRESS CONCRETE SLAB  
3/8" FOR FLOORING.
5. 3-5/8" METAL STUDS  
AT 24" O.C.
6. METAL STUD.
7. METAL STUD TRACK
8. STAINLESS STEEL UTILITY  
CHASE.
9. STAINLESS STEEL ANGLE  
FRAME.
10. SEALANT.
11. FINISH CEILING.

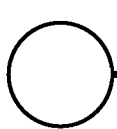
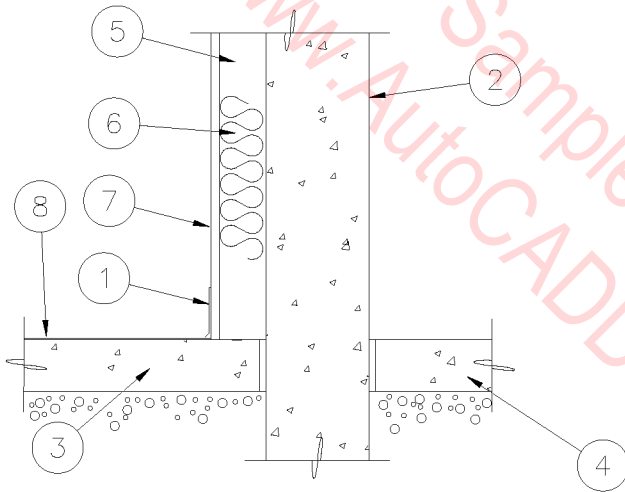


## STUB WALL

3" = 1'-0"

09A-2010

1. BASE.
2. CONCRETE WALL.
3. CONCRETE FLOOR SLAB ON ABC.
4. EXTERIOR CONCRETE SIDEWALK ON ABC.
5. 3-5/8" METAL STUDS AT 24" O.C.
6. R-11 BATT INSULATION.
7. 5/8" GYPSUM BOARD.
8. FLOOR FINISH, SEE ROOM FINISH SCHEDULE.

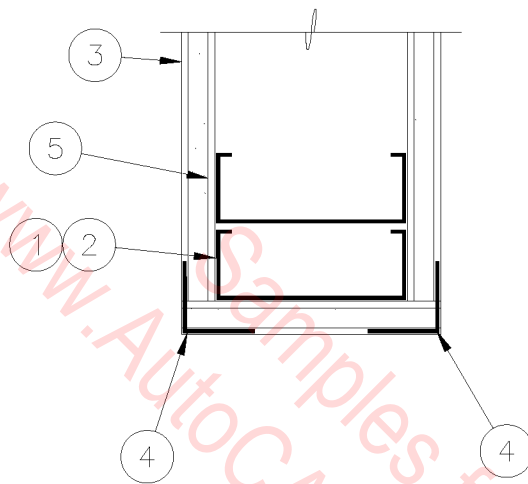


## FURRED EXTERIOR WALL

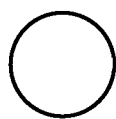
3/4' = 1'-0"

09A-2011





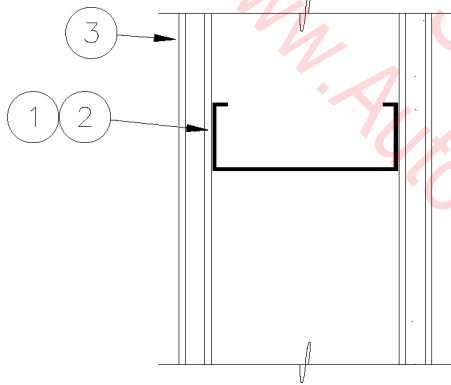
1. FLOOR & CEILING RUNNER (NOT SHOWN) WITH 1" HIGH RETURN LEGS, ANCHOR TO FLOOR AND CEILING WITH FASTENERS AT 24" O.C.
2. METAL STUDS AT 24" O.C.
3. 5/8" GYPSUM BOARD.
4. CORNER BEAD.
5. DOUBLE STUDS AT WALL END.



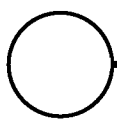
METAL STUD WALL END

3" = 1'-0"

09A-2012



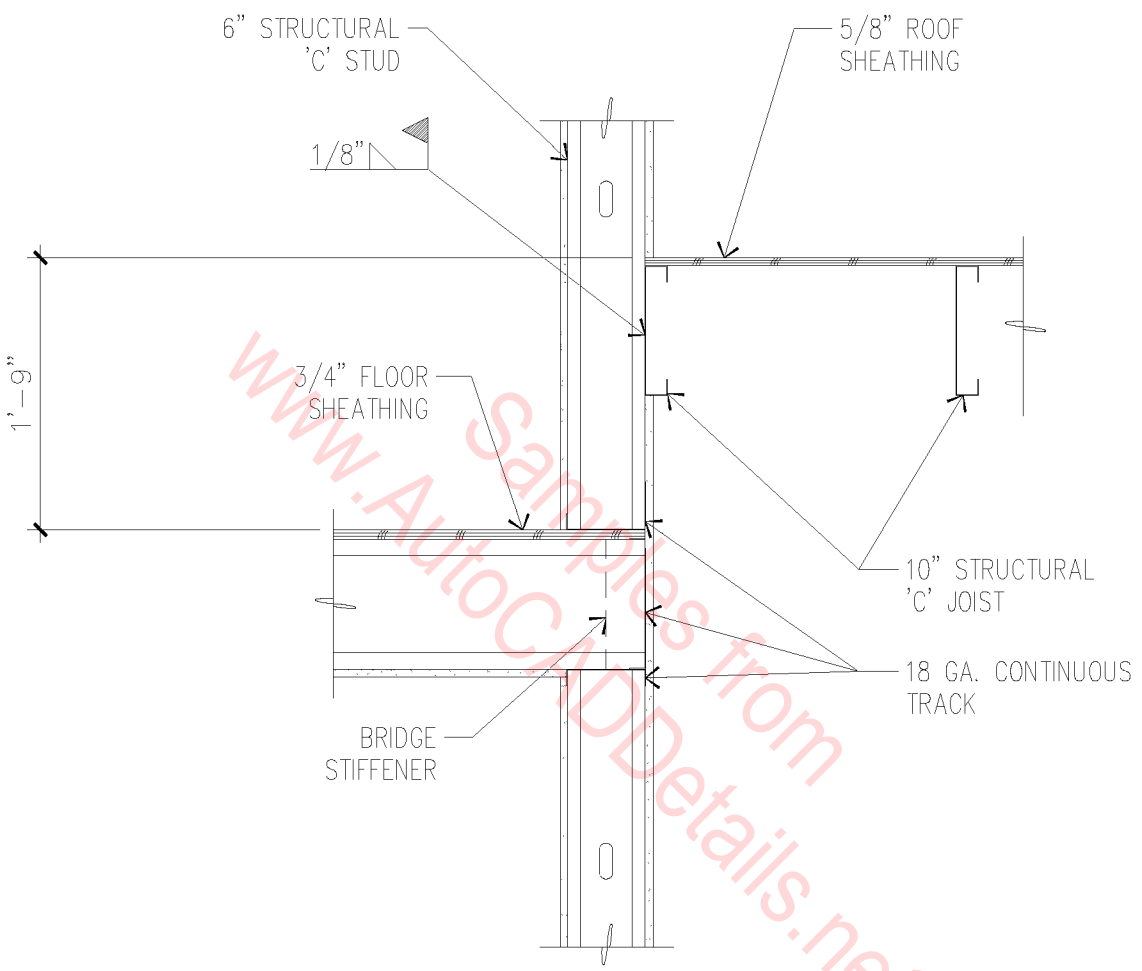
1. FLOOR & CEILING RUNNER (NOT SHOWN) WITH 1" HIGH RETURN LEGS, ANCHOR TO FLOOR AND CEILING WITH FASTENERS AT 24" O.C.
2. METAL STUDS AT 24" O.C.
3. 5/8" GYPSUM BOARD.



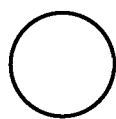
METAL STUD WALL

3" = 1'-0"

09A-2013



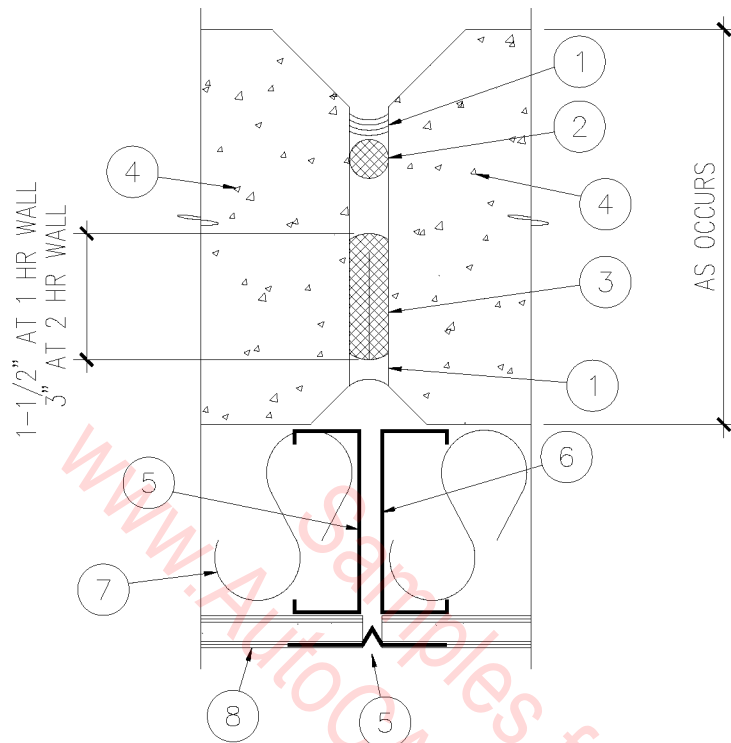
www.AutocADDetails.net



# FRAMING SECTION

3/4" = 1'-0"

09A-2014

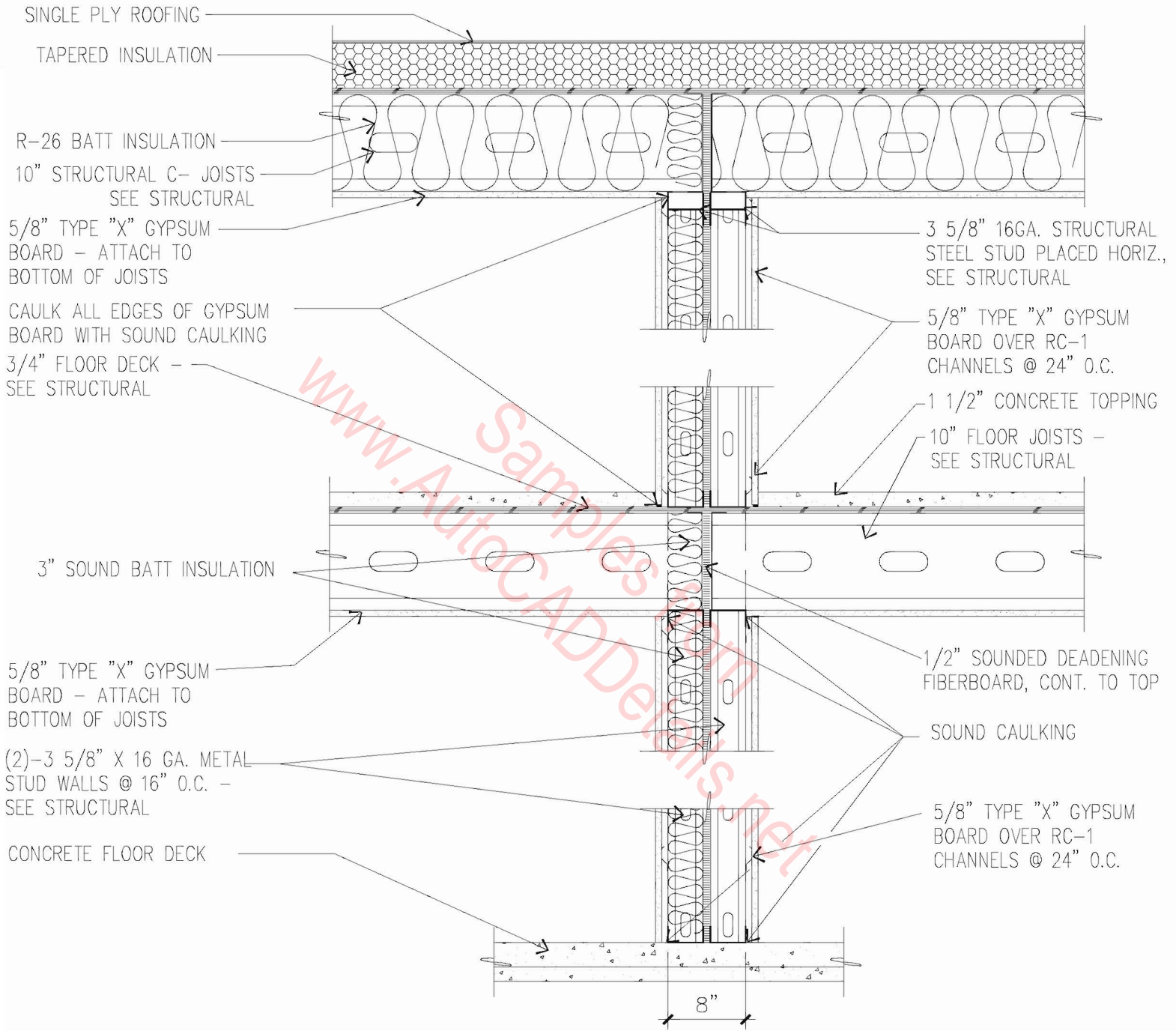


1. FIRE STOPPING SEALANT, 'TREMCO' DYMETRIC, POLYTREMDYNE TERPOLYMER.
2. JOINT FILLER - POLYETHYLENE CLOSED-CELL FOAM, BY 'DOW CHEMICAL'.
3. 'CERABLANKET-FS' - CERAMIC FIBER BLANKET INSULATION, BY 'JOHNS-MANVILLE'.
4. CONCRETE WALL.
5. METAL CONTROL JOINT.
6. METAL STUDS.
7. R-11 BATT INSULATION.
8. 5/8" GYPSUM BOARD.

○ RATED CONTROL JOINT

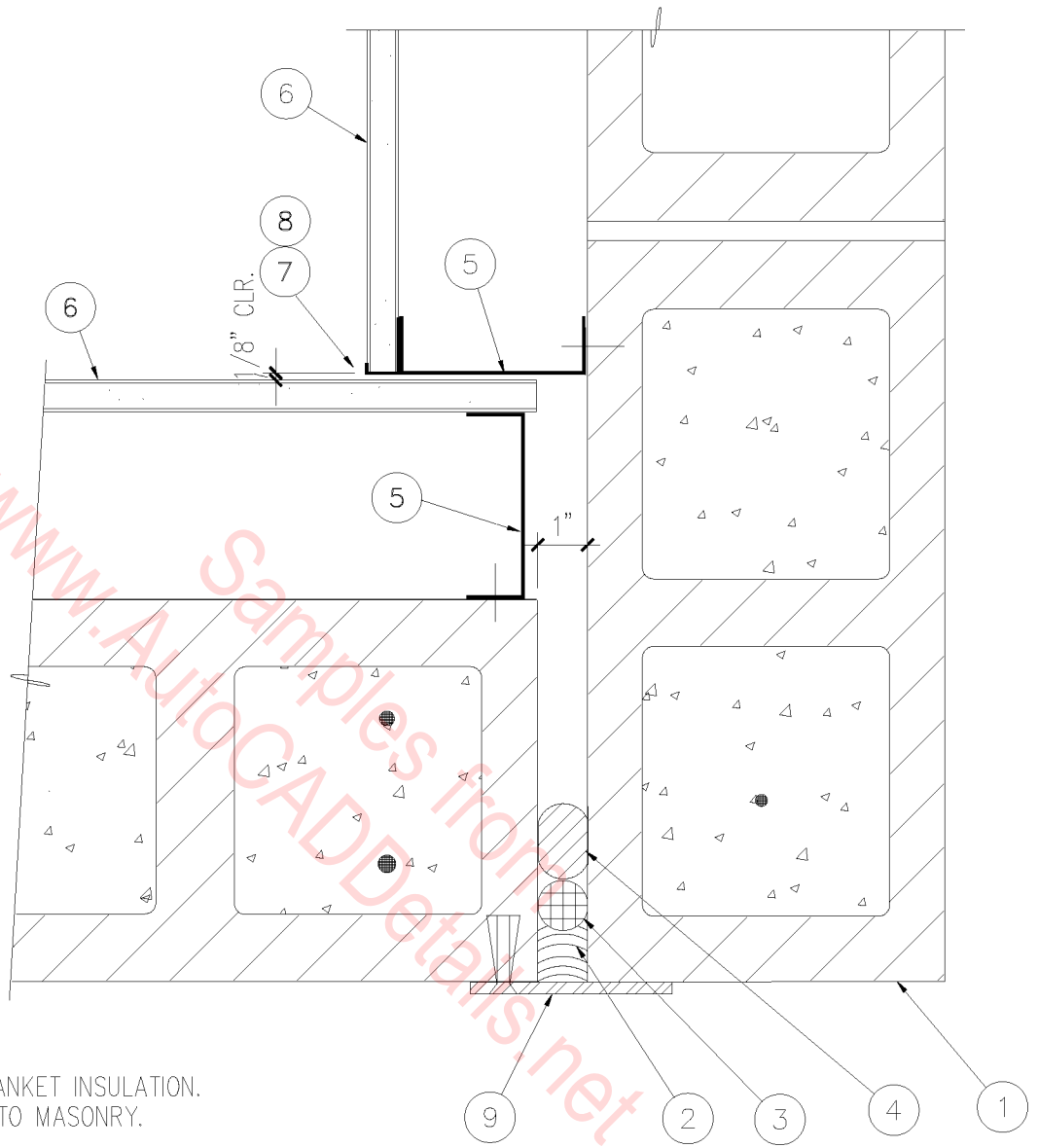
3" = 1'-0"

09A-2015



○ PARTYWALL  
3/4" = 1'-0"

09A-2016

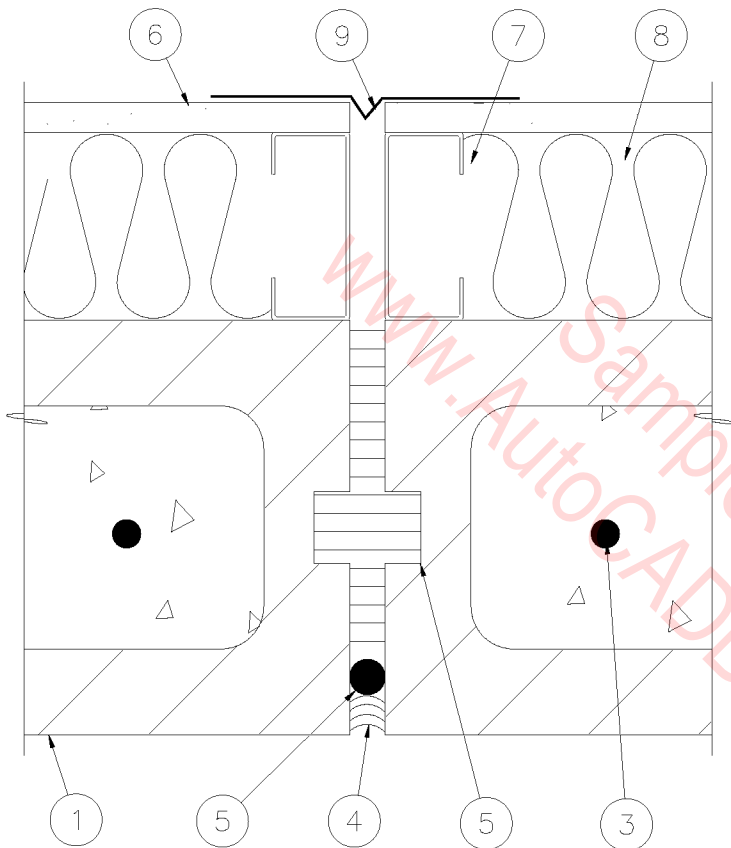


1. MASONRY WALL.
2. SEALANT, 7/8" MIN. DEPTH.
3. BACKER ROD.
4. 1-1/2" MIN. CERAMIC FIBER BLANKET INSULATION.
5. 3-5/8" METAL STUDS SECURE TO MASONRY.
6. 5/8" GYPSUM BOARD.
7. CASING BEAD.
8. DO NOT SECURE FURRED WALLS TOGETHER AT CORNER.
9. 4" WIDE X 1/4" THICK STEEL PLATE CLOSURE. SECURED AT ONE SIDE ONLY WITH 1/4" FLAT HEAD EXPANSION SCREWS IN COUNTERSUNK HOLES AT 24" O.C. PLATE CONTINUOUS FROM TOP OF BASE TO CEILING.

# 1 HOUR EXPANSION JOINT

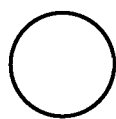
3" = 1'-0"

09A-2017



1. MASONRY WALL.
2. EXPANSION JOINT MATERIAL.
3. FULLY GROUTED CELL BOTH SIDES OF JOINT.
4. SEALANT.
5. BACKER ROD.
6. WALL FINISH AS SCHEDULED.
7. METAL STUDS.
8. BATT INSULATION.
9. GYPSUM BOARD CONTROL JOINT.

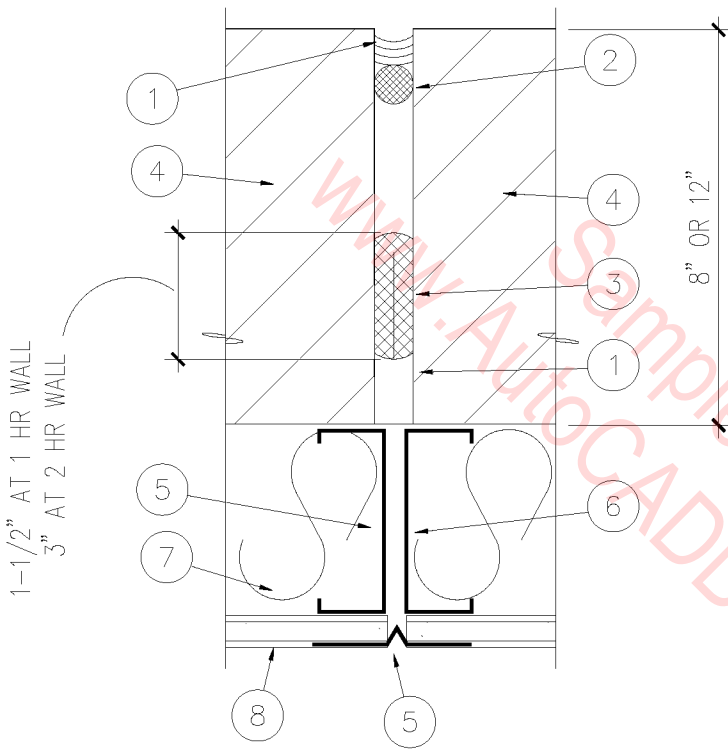
www.AutocADDetails.net Samples from



# MASONRY CONTROL JOINT

3" = 1'-0"

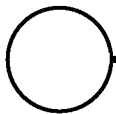
09A-2018



1. FIRE STOPPING SEALANT, 'TREMCO' DYMETRIC, POLYTREMDYNE TERPOLYMER.
2. JOINT FILLER - POLYETHYLENE CLOSED-CELL FOAM, BY 'DOW CHEMICAL'.
3. 'CERABLANKET-FS' - CERAMIC FIBER BLANKET INSULATION, BY 'JOHNS-MANVILLE'.
4. CMU WALL.
5. METAL CONTROL JOINT.
6. METAL STUDS.
7. R-11 BATT INSULATION.
8. 5/8" GYPSUM BOARD.

1-1/2" AT 1 HR WALL  
3" AT 2 HR WALL

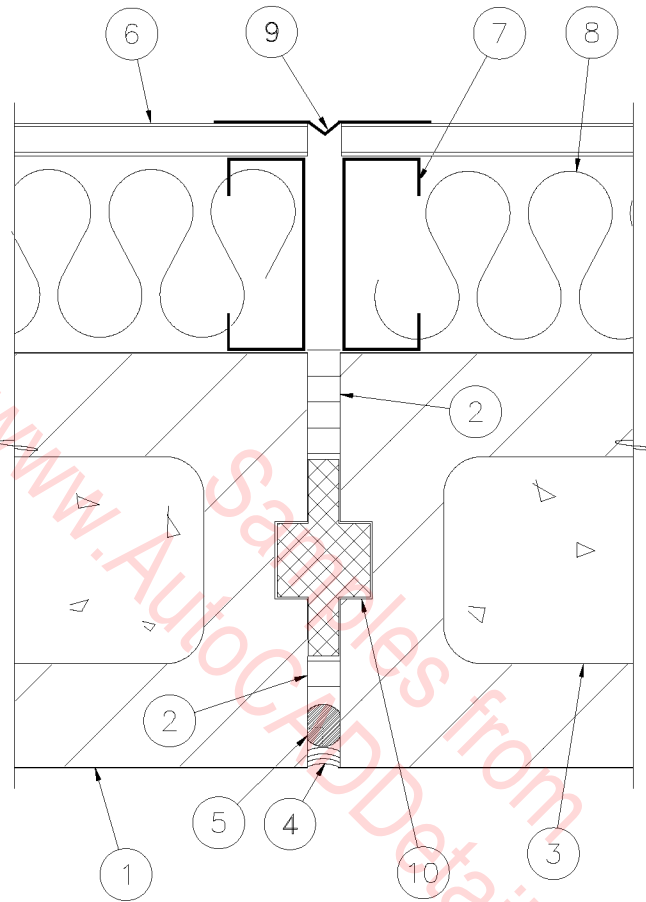
# 1 & 2 HOUR CONTROL JOINT



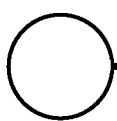
3" = 1'-0"

09A-2019





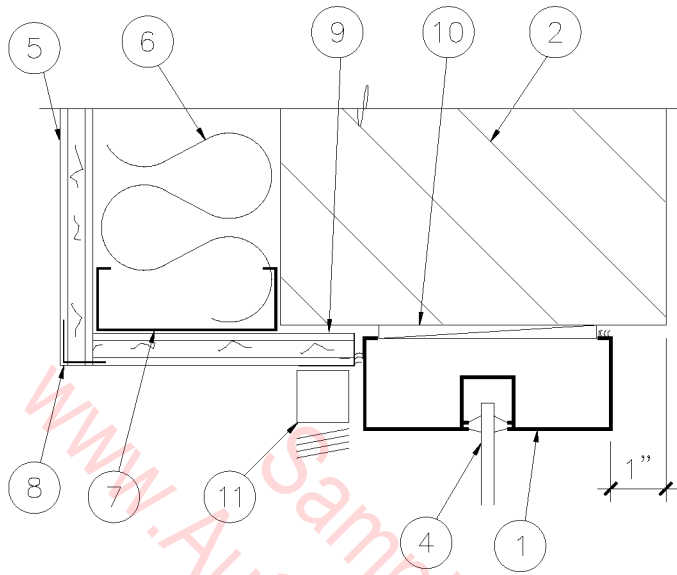
1. MASONRY.
2. COMPRESSIBLE JOINT MATERIAL.
3. FULLY GROUTED CELL BOTH SIDES OF JOINT.
4. SEALANT.
5. BACKER ROD.
6. WALL FINISH AS SCHEDULED.
7. METAL STUDS.
8. BATT INSULATION.
9. GYPSUM BOARD CONTROL JOINT.
10. PREMOLDED NEOPRENE GASKET.



## MASONRY CONTROL JOINT

3" = 1'-0"

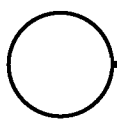
09A-2020



EXTERIOR SIDE OF FRAME

HEAD CONDITION

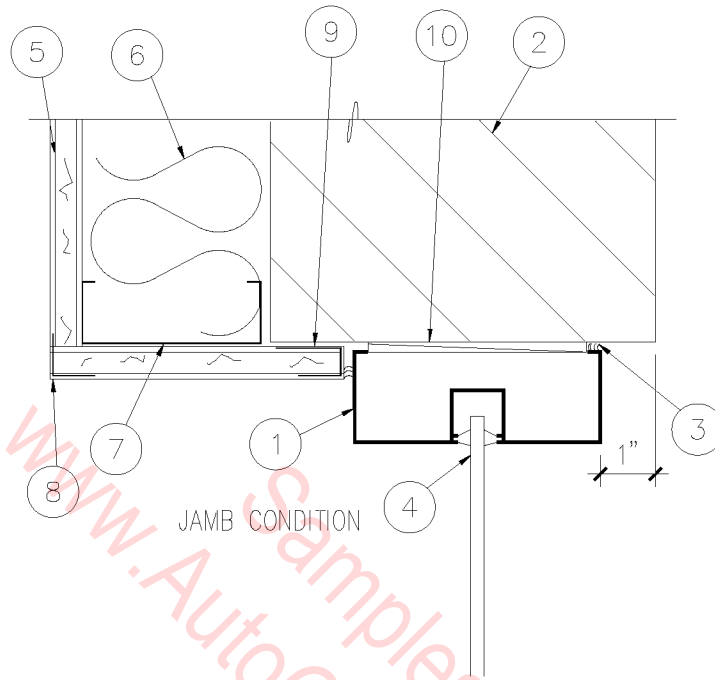
1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



## ALUMINUM FRAME

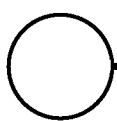
3" = 1'-0"

09A-2021



EXTERIOR SIDE OF FRAME

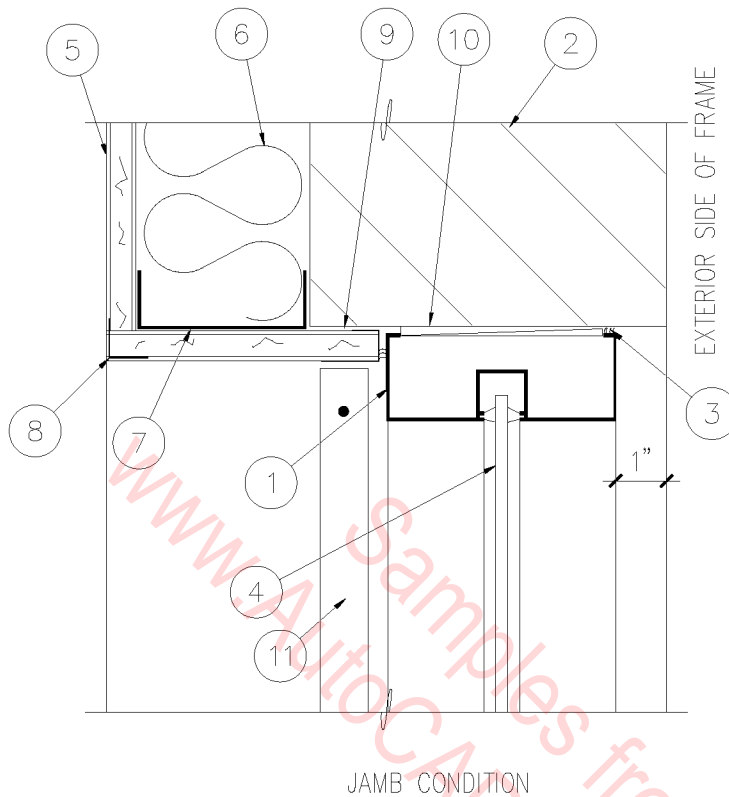
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.



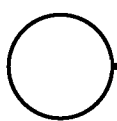
## ALUMINUM FRAME

3" = 1'-0"

09A-2022



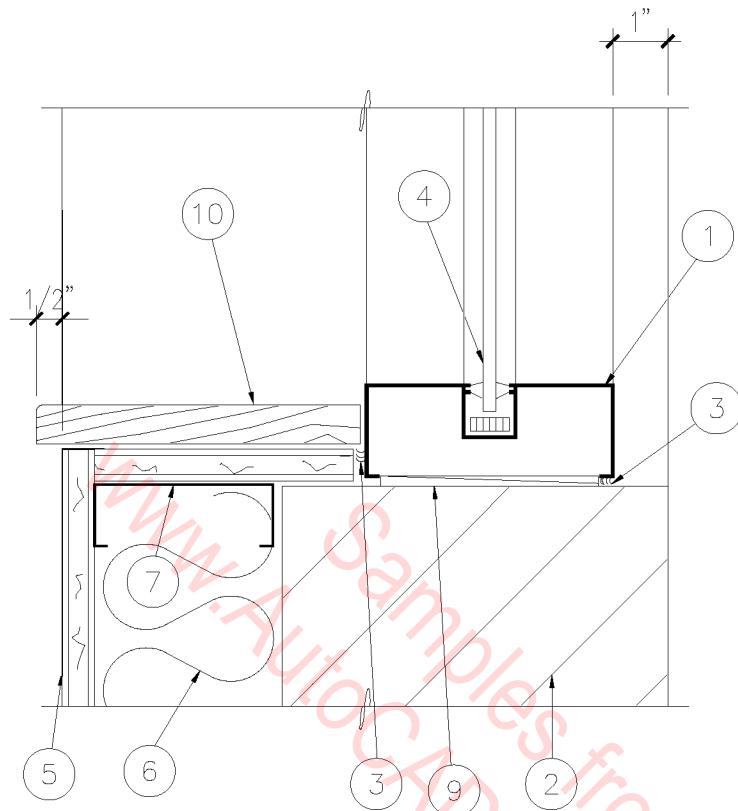
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



## ALUMINUM FRAME JAMB

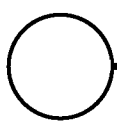
3" = 1'-0"

09A-2023



EXTERIOR SIDE OF FRAME

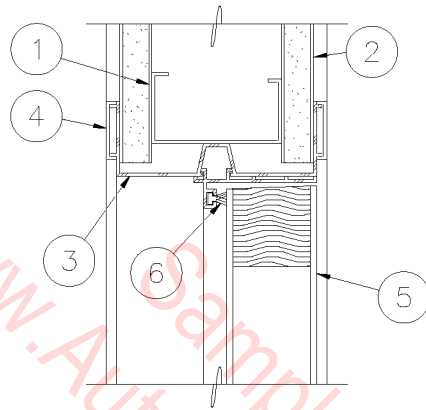
1. 1-3/4" X 4-1/2"  
ALUMINUM STOREFRONT.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS AT 24" O.C.
8. CORNER BEAD.
9. SHIM AS REQUIRED.
10. 3/4" OAK WINDOW SILL.



WOOD SILL

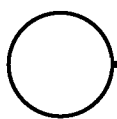
3" = 1'-0"

09A-2024



JAMB - HEAD SIMILAR

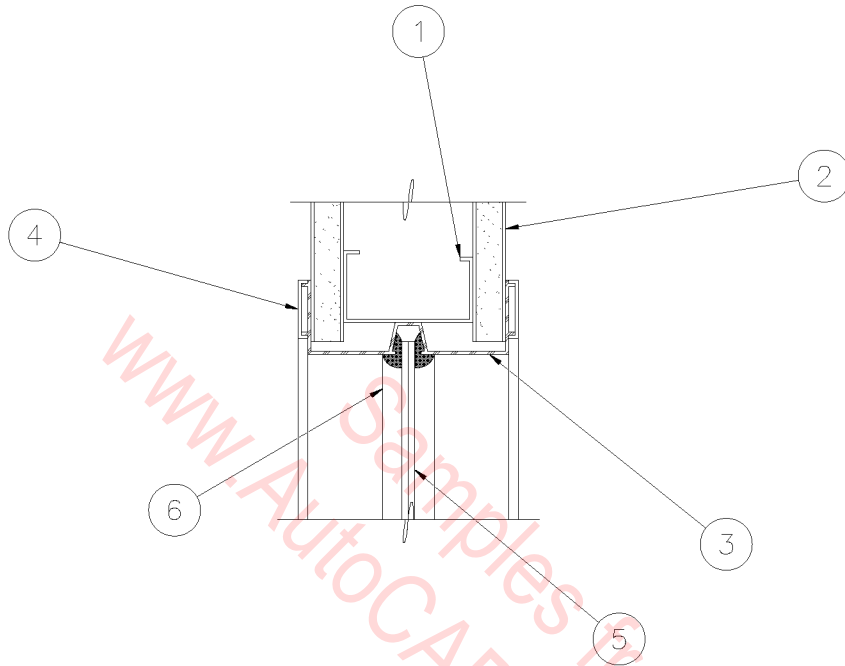
1. 2-1/2", 20 GA METAL STUD AT 24" O.C.
2. 5/8" GYP. BD., EACH SIDE.
3. ALUMINUM FRAME.
4. PVC BATTEN, EACH SIDE.
5. DOOR.
6. WEATHERSTRIPPING.



## ALUMINUM DOOR FRAME

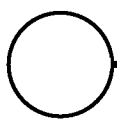
3" = 1'-0"

09A-2025



JAMB - HEAD AND SILL SIMILAR

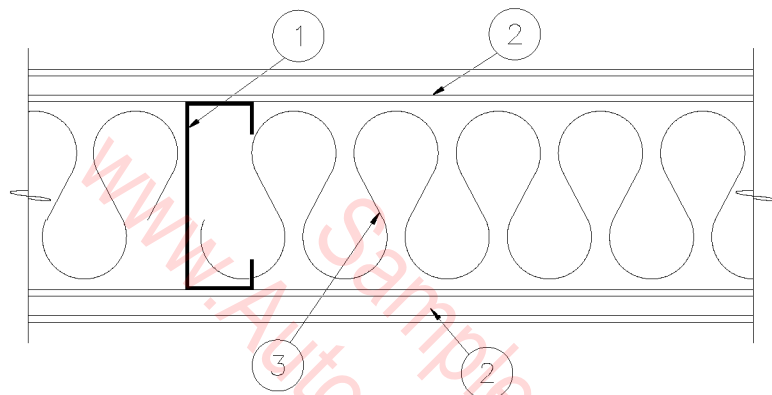
1. 2-1/2", 20 GA METAL STUD AT 24" O.C..
2. 5/8" GYP. BD., EACH SIDE.
3. ALUMINUM FRAME.
4. PVC BATTEN, EACH SIDE.
5. GLASS.
6. GLAZING BEAD.



ALUMINUM WINDOW FRAME

3" = 1'-0"

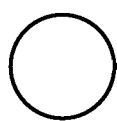
09A-2026



GA FILE NO. WP 1073  
STC : 49

1. 3-5/8" METAL STUDS AT 16" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. 3-1/2" ACOUSTICAL INSULATION BATTS.

NOTE: CONSTRUCT ACCORDING TO STANDARDS AND DETAILS  
FOR SOUND INSULATION FROM GYPSUM  
ASSOCIATION DESIGN MANUAL 12TH EDITION (GA-600-88)

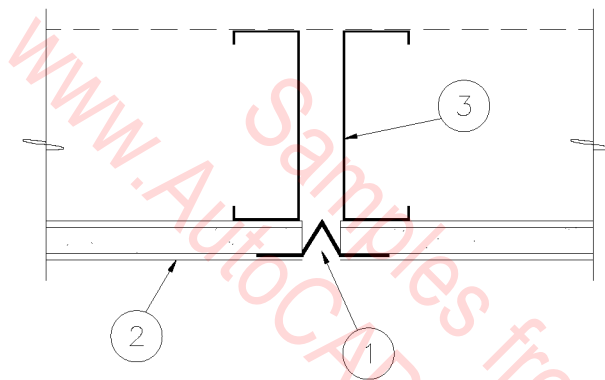


SOUND RESISTIVE WALL

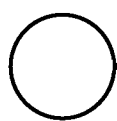
3" = 1'-0"

09A-2027





1. EXPANSION JOINT.
2. 5/8" GYPSUM BOARD.
3. LIGHT GAUGE METAL FRAMING IN WALL OR CEILING.



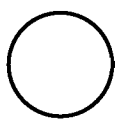
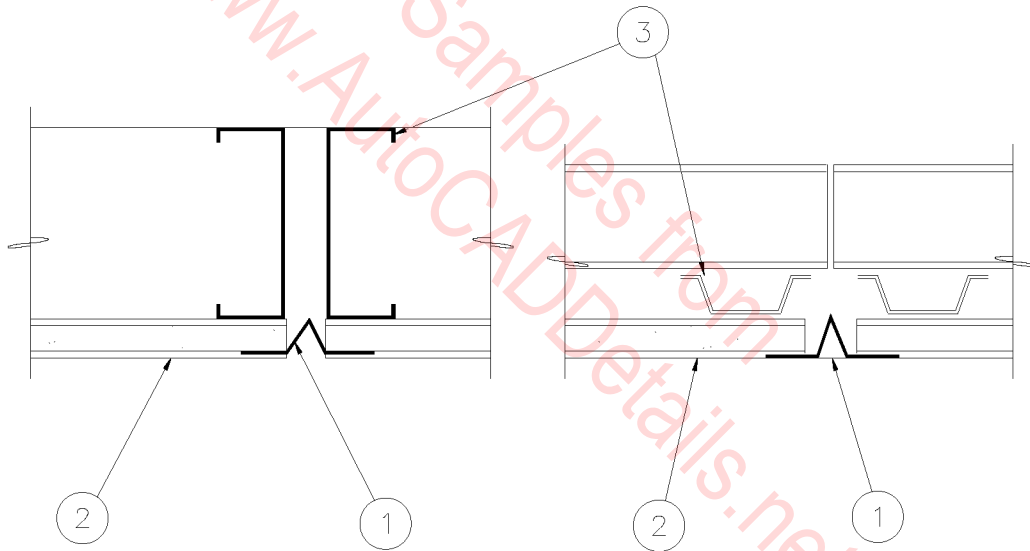
GYP. BD. EXP. JOINT

3" = 1'-0"

09A-2028

- 1. EXPANSION JOINT.
- 2. 5/8" GYP. BD.

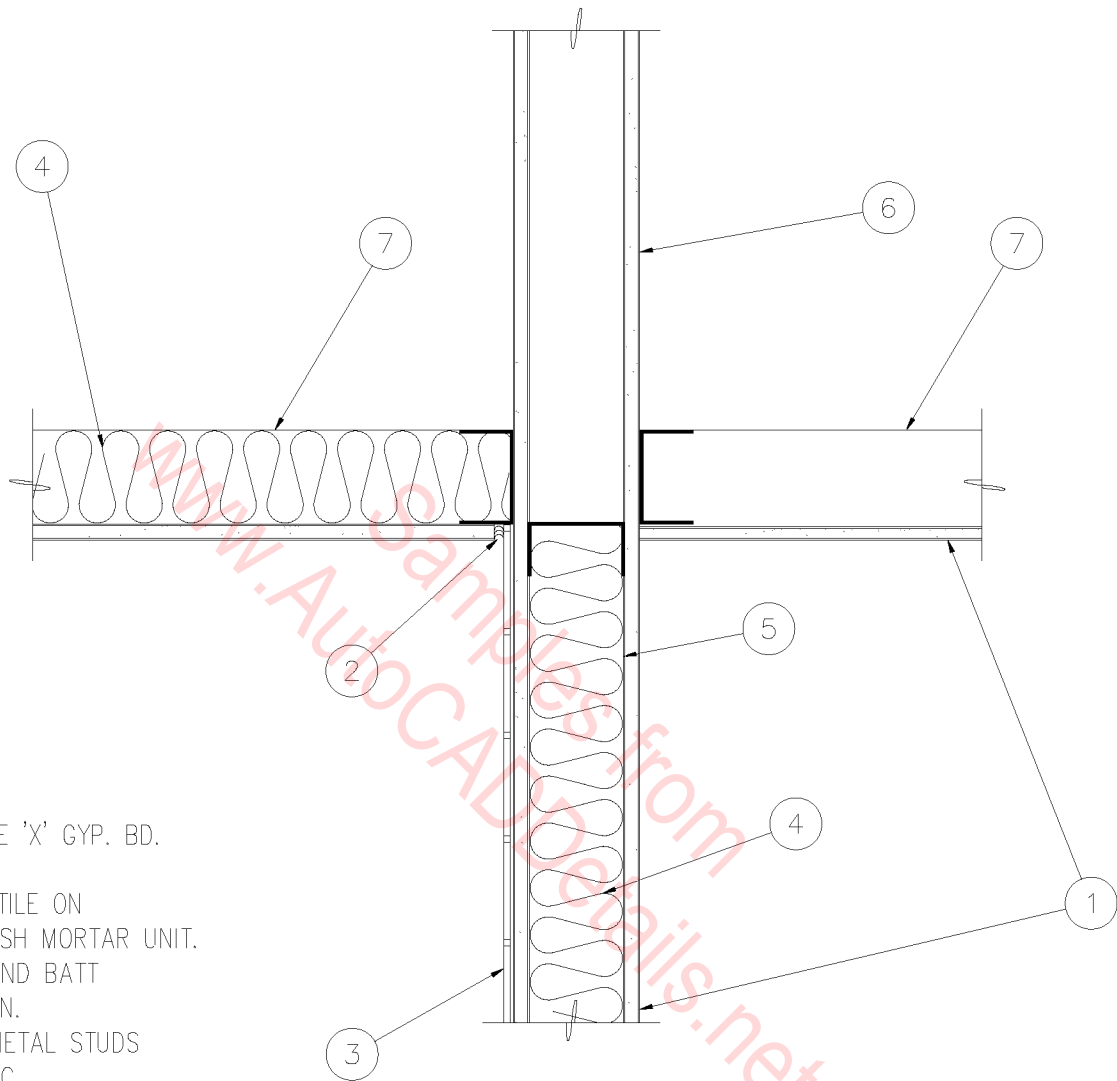
- 3. SUSPENDED GYP. BD. CEILING SYSTEM OR LIGHT GAUGE METAL STUDS USED AS CEILING JOIST.



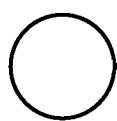
GYP. BD. CONTROL JOINT

3" = 1'-0

09A-2029



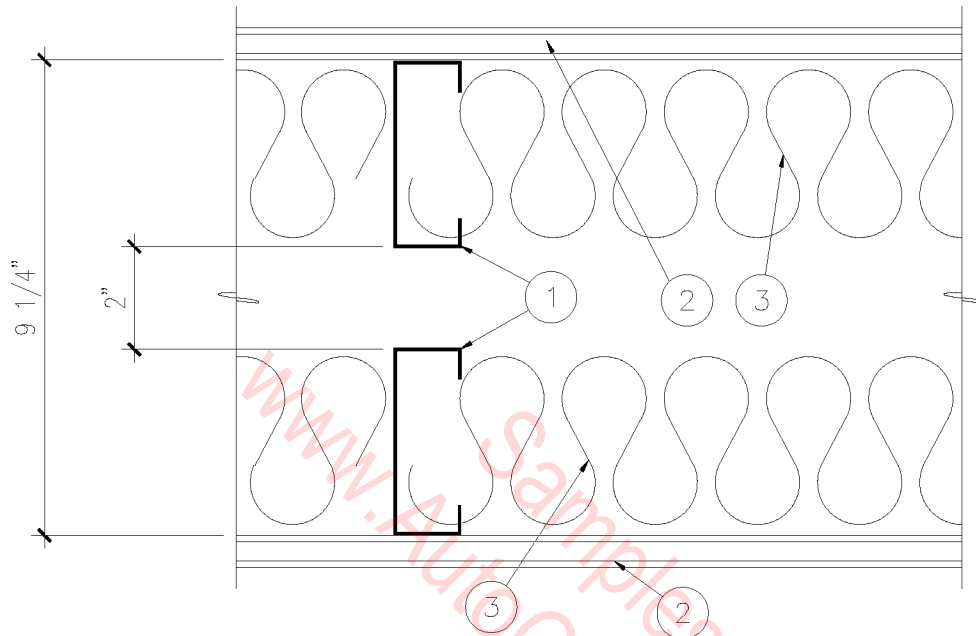
1. 5/8" TYPE 'X' GYP. BD.
2. SEALANT.
3. CERAMIC TILE ON  
GLASS MESH MORTAR UNIT.
4. R-11 SOUND BATT  
INSULATION.
5. 3-5/8" METAL STUDS  
AT 16" O.C.
6. ONE HOUR WALL  
ASSEMBLY.
7. METAL STUD (CEILING  
JOIST).



## SOUND WALL

1-1/2" = 1'-0"

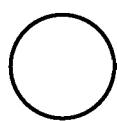
09A-2030



CONSTRUCTION SIMILAR TO  
GA FILE NO. WP 5005  
STC : 64

1. 3-5/8" METAL STUDS AT 16" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. 3-1/2" ACOUSTICAL INSULATION BATTS.

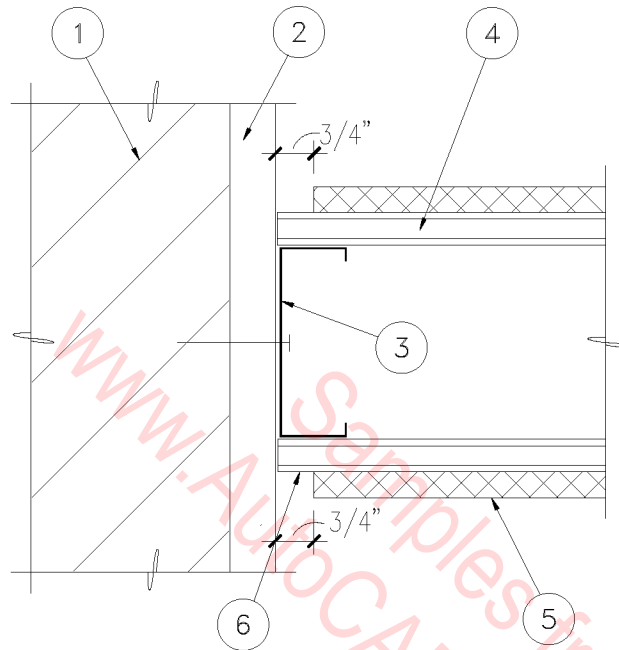
NOTE: CONSTRUCT ACCORDING TO STANDARDS AND DETAILS  
FOR SOUND INSULATION FROM GYPSUM  
ASSOCIATION DESIGN MANUAL 12TH EDITION (GA-600-88).



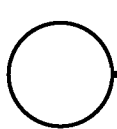
SOUND RESISTIVE WALL

3" = 1'-0"

09A-2031



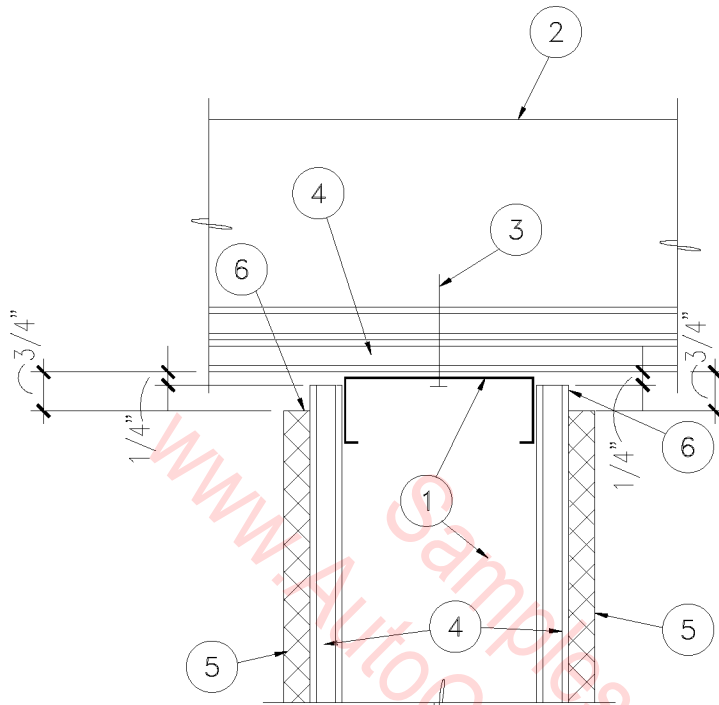
1. MASONRY WALL.
2. CEMENT PLASTER FINISH.
3. 16 GAUGE METAL FRAMING AT 24" O.C. SCREW INTO WALL AT 16" O.C. VERTICALLY.
4. 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, SQUARE EDGED, BOTH SIDES.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL BOTH SIDES.



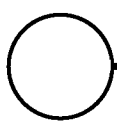
ACOUST. PANELS @ WALL

3" = 1'-0"

09A-2032



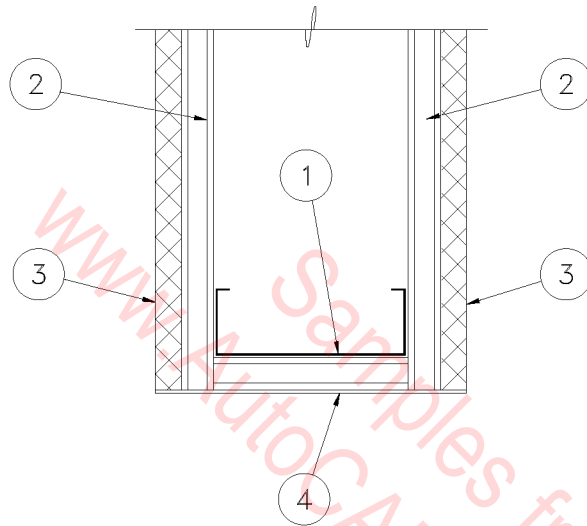
1. 16 GAUGE METAL FRAMING AT 16" O.C.
2. 2 X NAILER AT 16" O.C.
3. #12 X 2" LONG SCREW AT 16" O.C.
4. 5/8" TYPE 'X' GYPSUM BOARD.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL, BOTH SIDES.



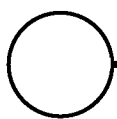
ACOUST. PANELS AT CLG.

3" = 1'-0"

09A-2033



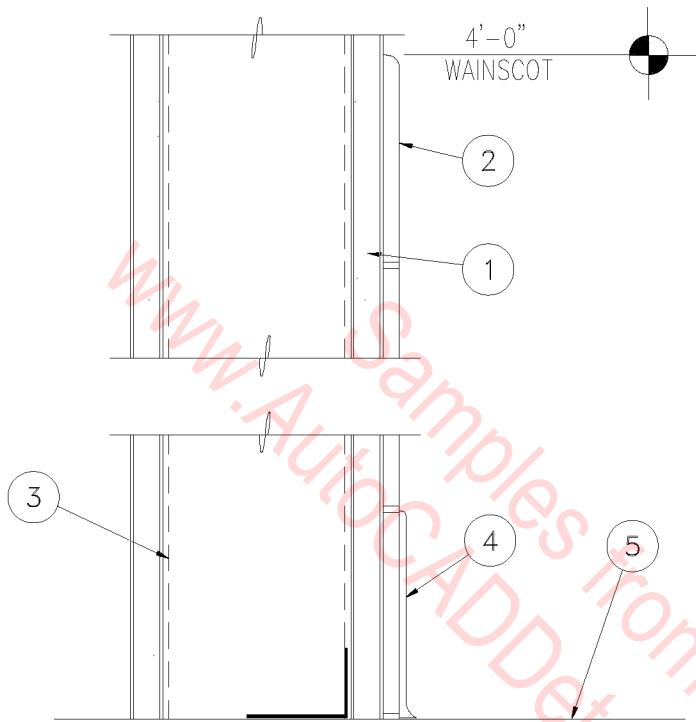
1. 16 GAUGE METAL FRAMING AT 24" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, MITERED EDGE.
4. FABRIC COVERED GYPSUM BOARD TO MATCH ACOUSTICAL PANEL.



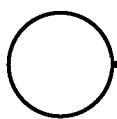
## ACOUSTICAL PANEL EDGE

3" = 1'-0"

09A-2034



1. WATER-RESISTANT GYPSUM BOARD.
2. THIN-SET CERAMIC TILE.
3. LIGHT GAUGE METAL STUD FRAMING.
4. RUBBER BASE.
5. FINISH FLOOR.

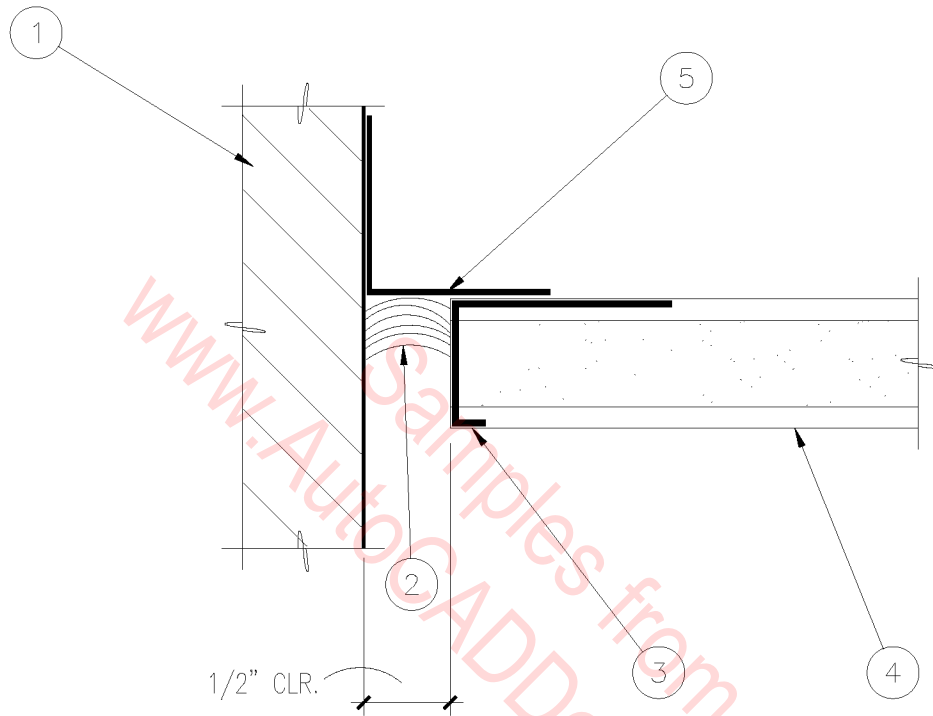


## CERAMIC TILE WAINSCOT

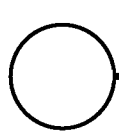
3" = 1'-0"

09A-2035





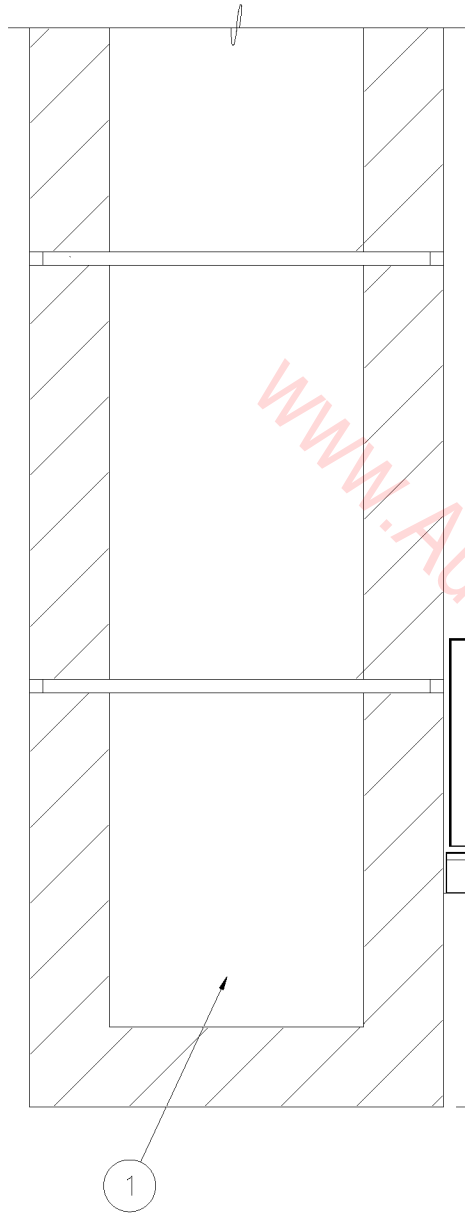
1. MASONRY WALL.
2. SEALANT.
3. CASING BEAD.
4. 5/8" GYPSUM BOARD CEILING.
5. METAL STUD.



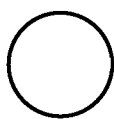
GYP. BD. SOFFIT REVEAL

1" = 1"

09A-2036



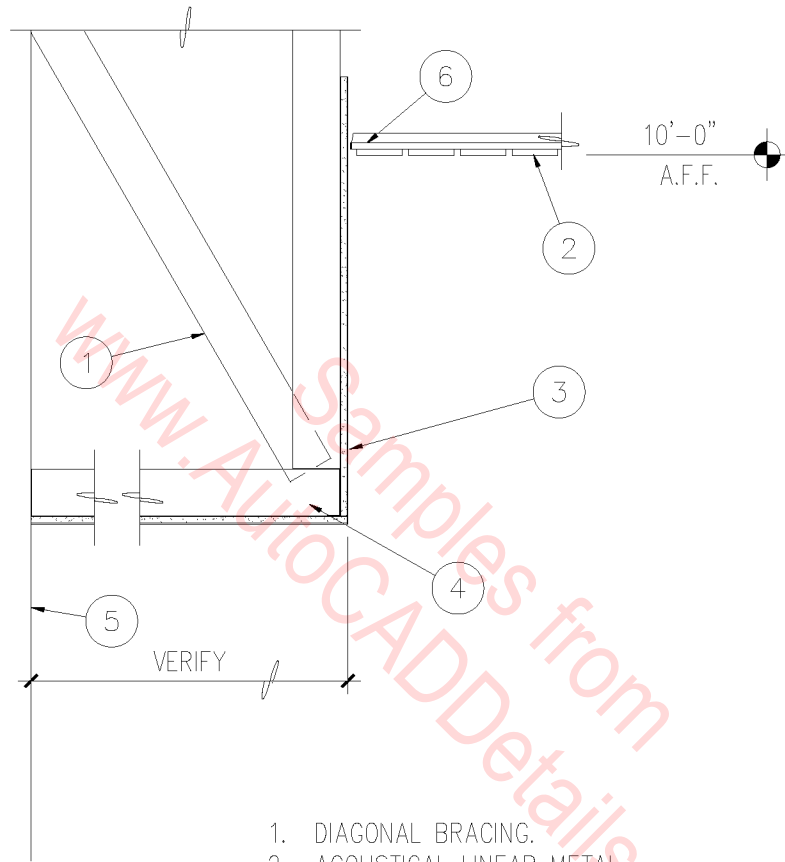
- 1. MASONRY WALL.
- 2. 3/4" CEMENT PLASTER.
- 3. JOIST.



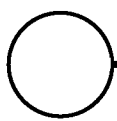
PLASTER SOFFIT

3" = 1'-0"

09A-2037



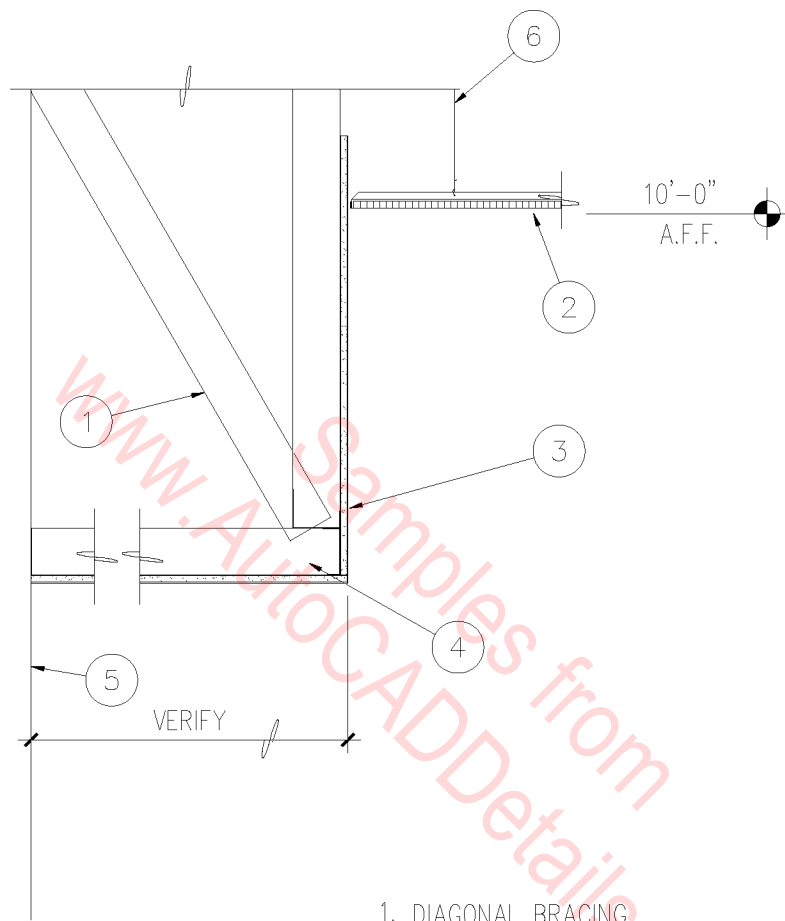
1. DIAGONAL BRACING.
2. ACOUSTICAL LINEAR METAL CEILING AND SUSPENSION SYSTEM.
3. 5/8" TYPE 'X' GYP. BOARD.
4. 3-5/8" METAL STUDS CEILING JOISTS @ 16" O.C.
5. GYPSUM BOARD WALL.
6. 1/2" SPACE.



## ACOUSTIC CEILING SOFFIT

3/4" = 1'-0"

09A-2038

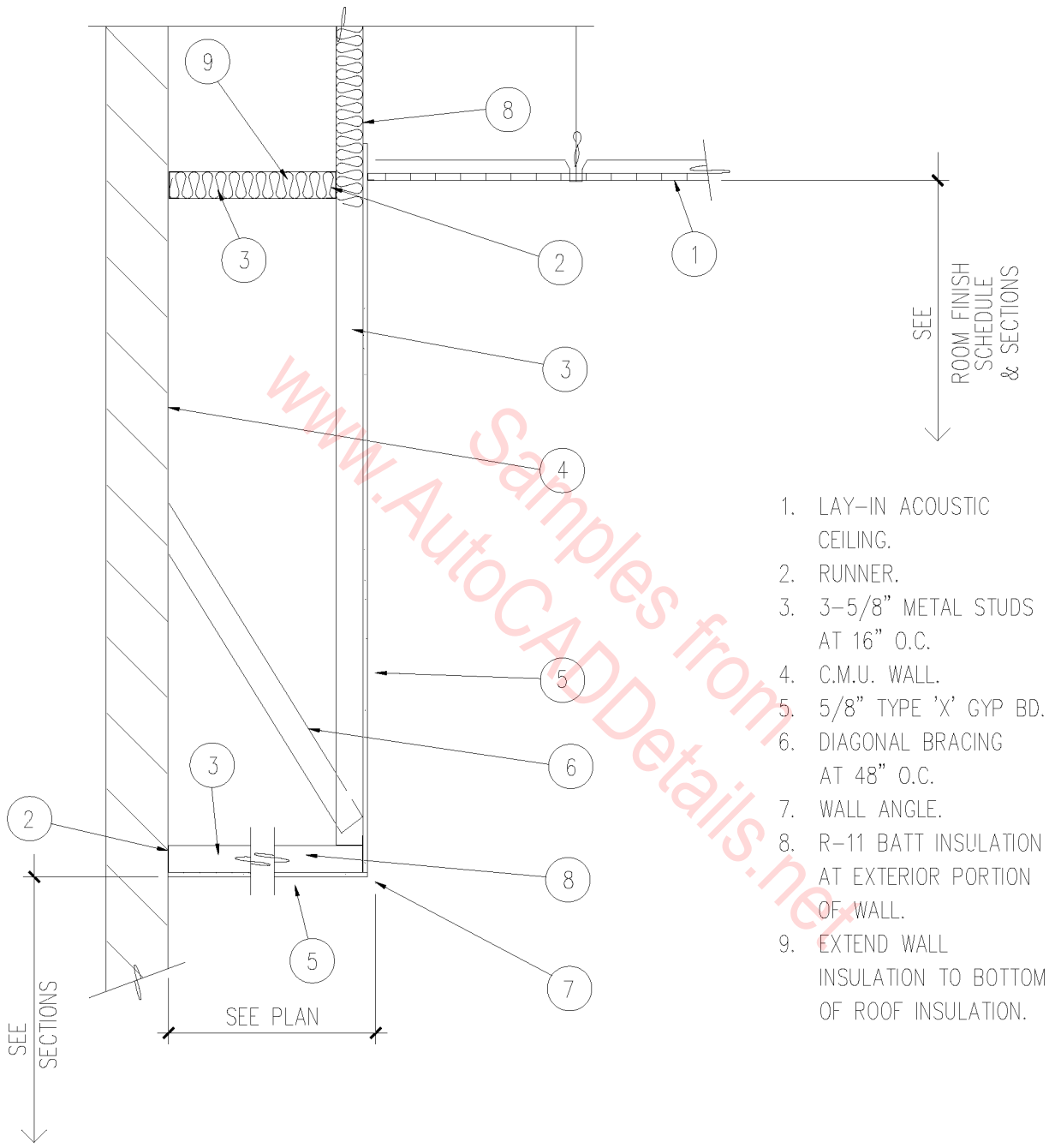


1. DIAGONAL BRACING.
2. ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM.
3. 5/8" TYPE 'X' GYPSUM BOARD.
4. 3-5/8" METAL STUDS @ 24" O.C.
5. MASONRY OR GYPSUM BOARD WALL.
6. HANGER WIRE.

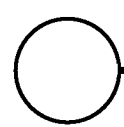
# ○ TYPICAL SOFFIT

3/4" = 1'-0"

09A-2039



1. LAY-IN ACOUSTIC CEILING.
2. RUNNER.
3. 3-5/8" METAL STUDS AT 16" O.C.
4. C.M.U. WALL.
5. 5/8" TYPE 'X' GYP BD.
6. DIAGONAL BRACING AT 48" O.C.
7. WALL ANGLE.
8. R-11 BATT INSULATION AT EXTERIOR PORTION OF WALL.
9. EXTEND WALL INSULATION TO BOTTOM OF ROOF INSULATION.

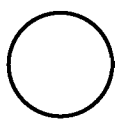
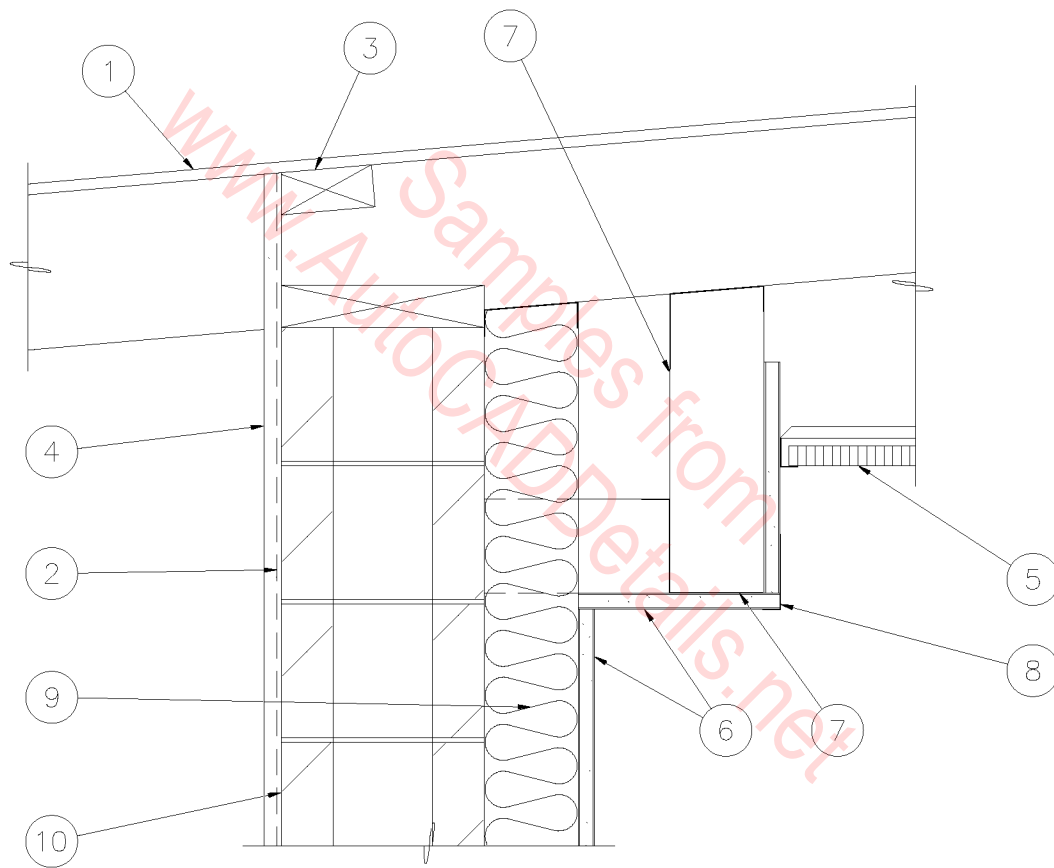


SUSP. CEILING @ SOFFIT

1/2" = 1'-0"

09A-2040

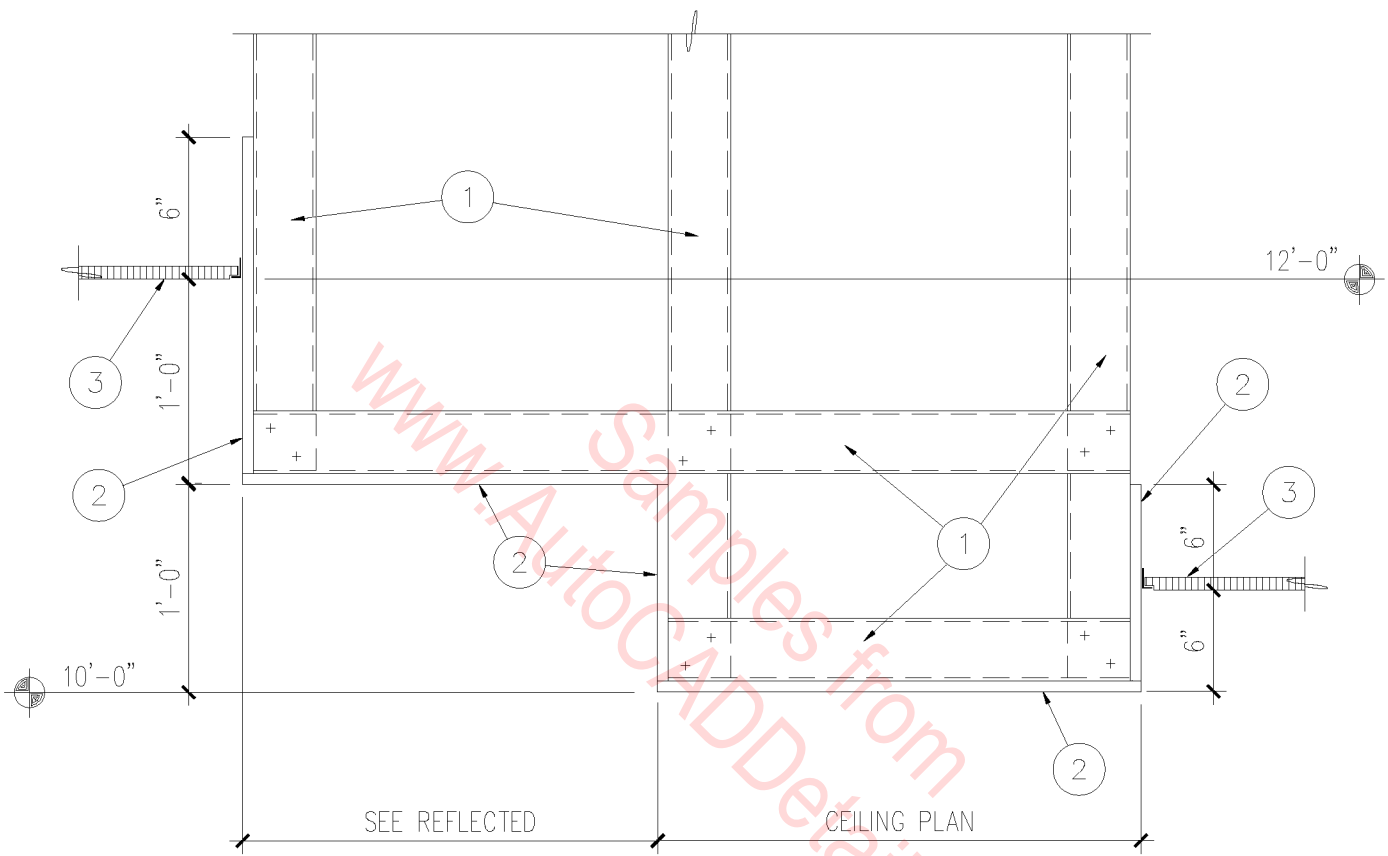
- |  |                          |
|--|--------------------------|
| 1. EXISTING ROOF STRUCTURE.                          | 7. 3-5/8" METAL STUDS.   |
| 2. METAL LATH.                                       | 8. METAL CORNER BEAD.    |
| 3. 2x NAILER.  | 9. R-11 BATT INSULATION. |
| 4. 5/8" CEMENT PLASTER APPLIED<br>DIRECTLY TO BLOCK. | 10. MASONRY WALL.        |
| 5. LAY-IN CEILING PANEL.                             |                          |
| 6. 5/8" TYPE 'X' GYP. BOARD.                         |                          |



# INTERIOR SOFFIT

1 1/2" = 1'-0"

09A-2041



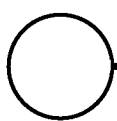
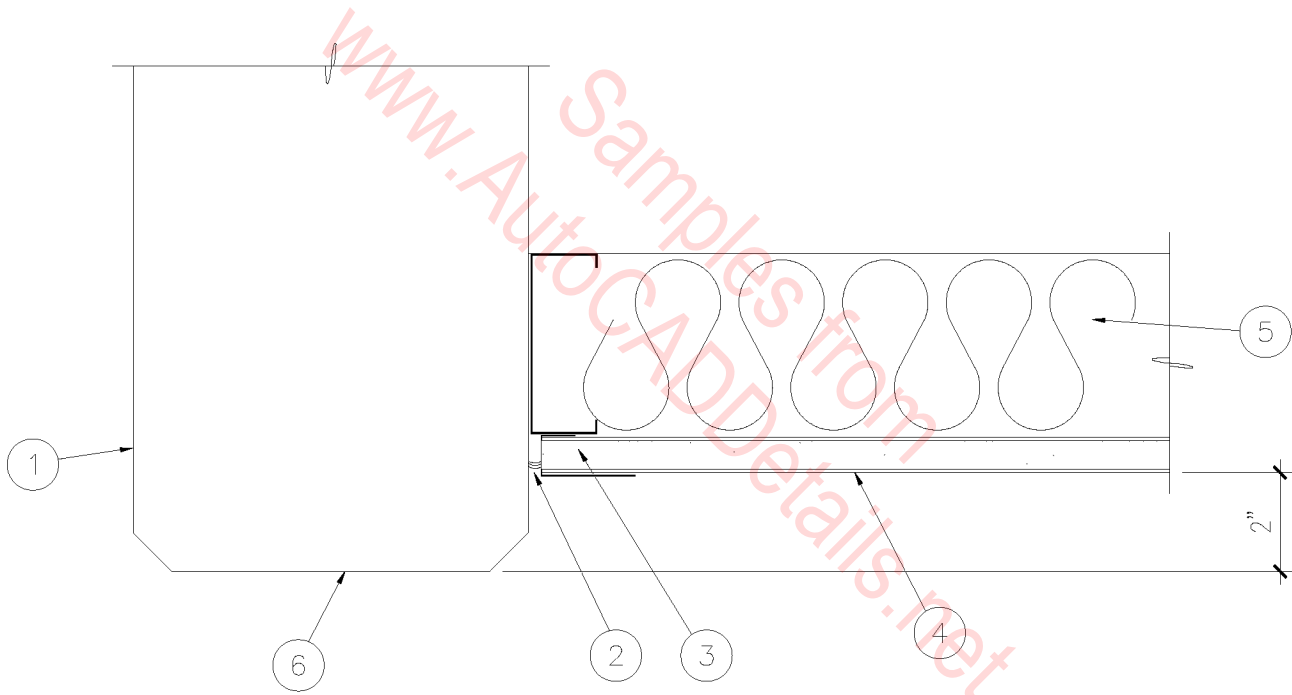
1. 3-5/8" METAL STUDS AT 24" O.C. SUSPEND FROM STRUCTURE ABOVE.
2. 5/8" TYPE 'X' GYP. BD.
3. LAY-IN ACOUSTICAL CEILING PANEL.

○ STEPPED SOFFIT  
 1 1/2" = 1'-0"

09A-2042

1. MASONRY OR CONCRETE WALL.
2. SEALANT.
3. CASING BEAD.

4. EXTERIOR FINISH SYSTEM ON  
5/8" TYPE EXTERIOR GYPSUM  
SHEATHING ON 3-5/8" METAL STUDS  
AT 16" O.C. CEILING JOISTS.
5. R-11 SOUND BATT INSULATION.
6. BOTTOM OF LINTEL WHERE APPLICABLE.

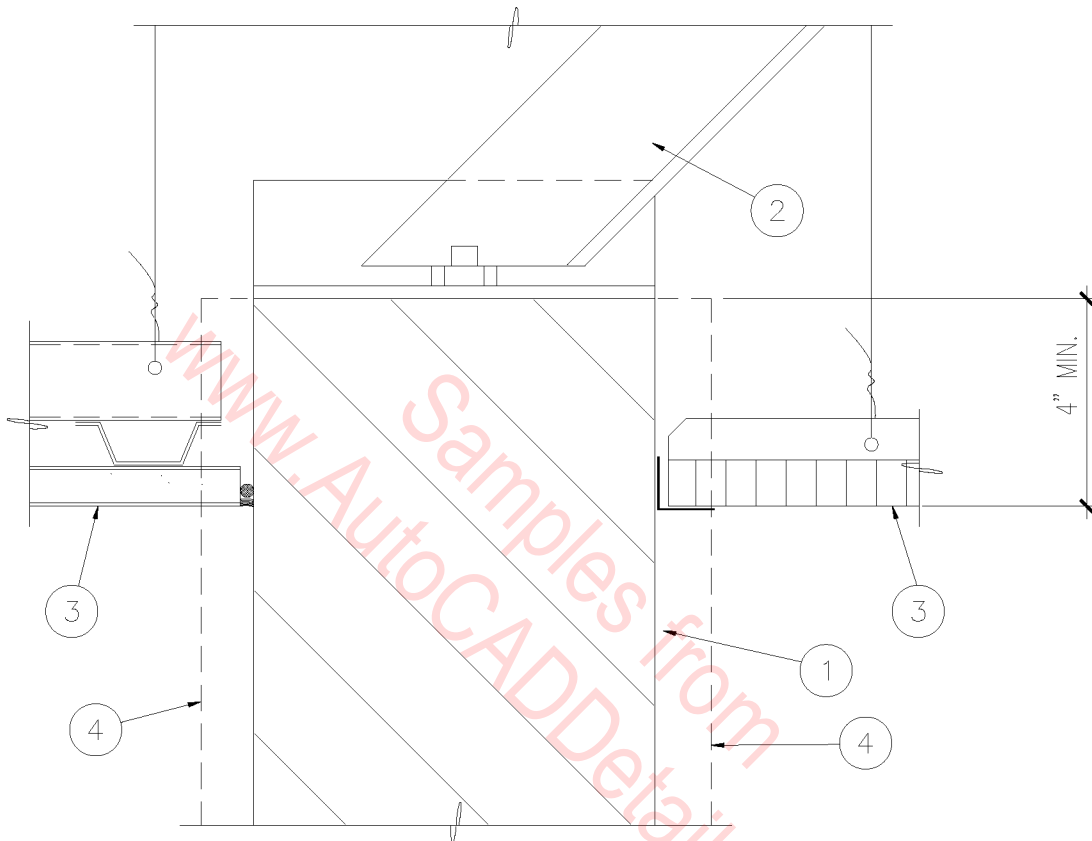


## SOFFIT

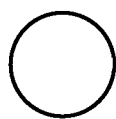
SCALE: 3" = 1'-0"

09A-2043





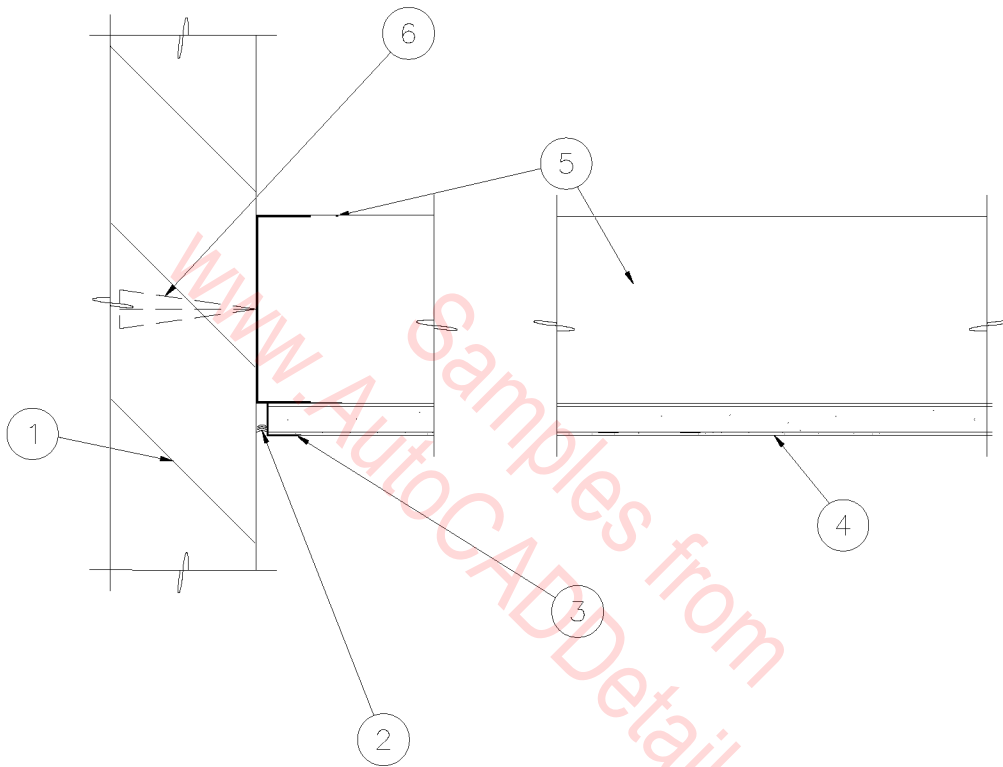
1. MASONRY WALL.
2. STEEL SUPPORT: SEE STRUCTURAL.
3. CEILING WHERE APPLICABLE.
4. FURRED WALL WHERE APPLICABLE.



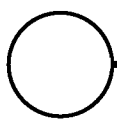
## CEILING AT CMU WALL

3" = 1'-0"

09A-2044



1. MASONRY WALL.
2. SEALANT.
3. CASING BEAD.
4. 5/8" GYP. BD. TYPE "X".
5. LIGHT GAUGE METAL  
STUD CEILING JOIST.
6. ATTACH AT 16" O.C.

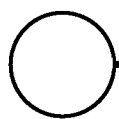
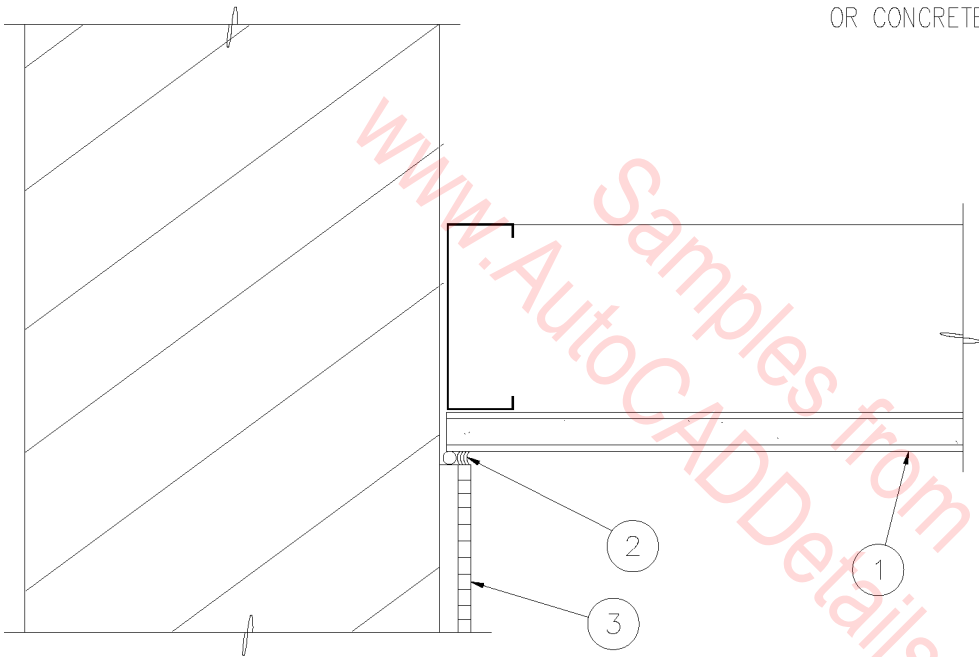


## GYPSUM BOARD SOFFIT

3" = 1'-0"

09A-2045

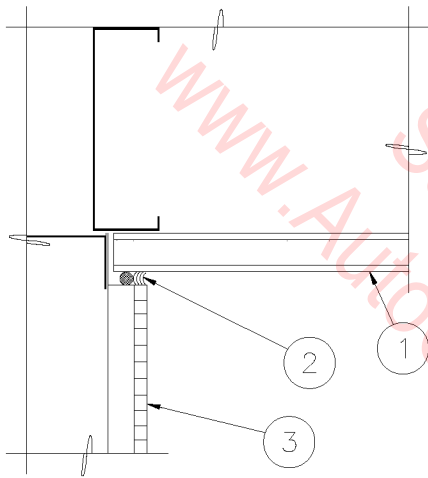
1. 5/8" GYP. BD.  
ON CEILING JOISTS  
OR SUSPENDED CEILING  
SYSTEM.
2. SEALANT ON JOINT FILLER.
3. CERAMIC TILE, THIN SET  
ON CEMENT MORTAR  
LEVELING COAT ON MASONRY  
OR CONCRETE WALL.



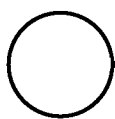
# GYPSUM BOARD CEILING

3" = 1'-0"

09A-2046



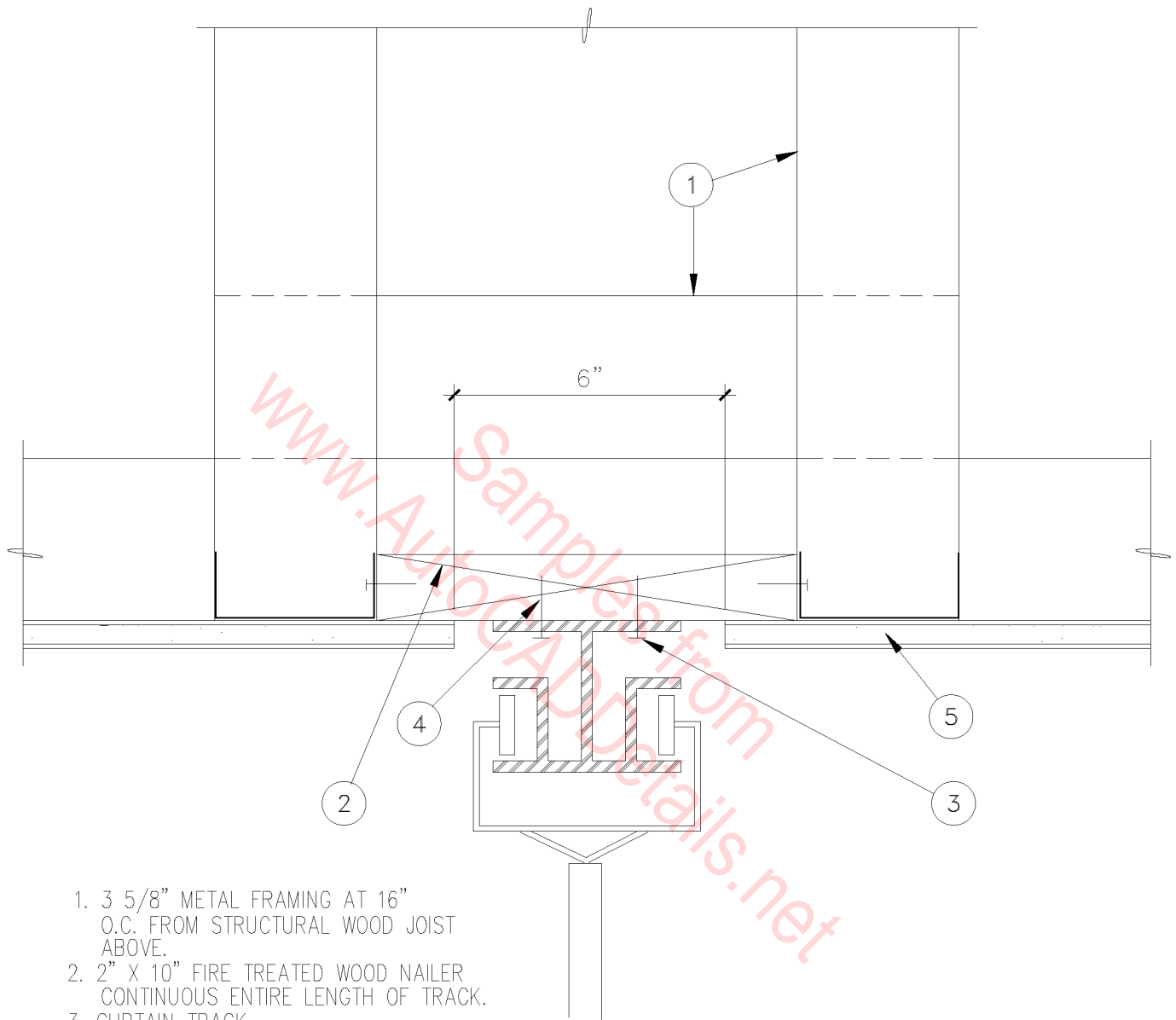
1. 5/8" GYPSUM BOARD ON CEILING JOISTS OR SUSPENDED CEILING SYSTEM.
2. SEALANT ON JOINT FILLER.
3. CERAMIC TILE, THIN SET ON GLASS MESH MORTAR UNIT ON METAL STUDS.



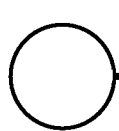
## GYPSUM BOARD CEILING

3" = 1'-0"

09A-2047



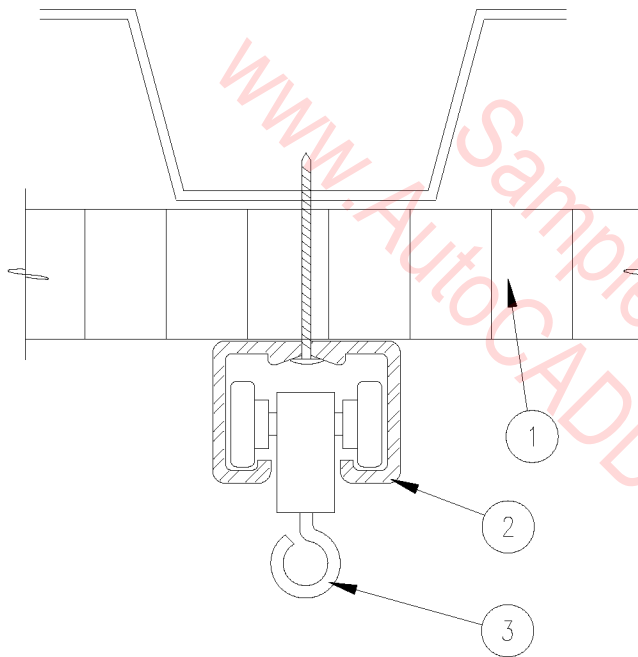
1. 3 5/8" METAL FRAMING AT 16"  
O.C. FROM STRUCTURAL WOOD JOIST  
ABOVE.
2. 2" X 10" FIRE TREATED WOOD NAILER  
CONTINUOUS ENTIRE LENGTH OF TRACK.
3. CURTAIN TRACK.
4. (2) #10 X 3" WOOD SCREWS AT 5' O.C.
5. 5/8" TYPE 'X' GYPSUM BOARD.



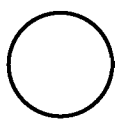
TRACK AT GYP. BD. CLG.

3" = 1'-0"

09A-2048



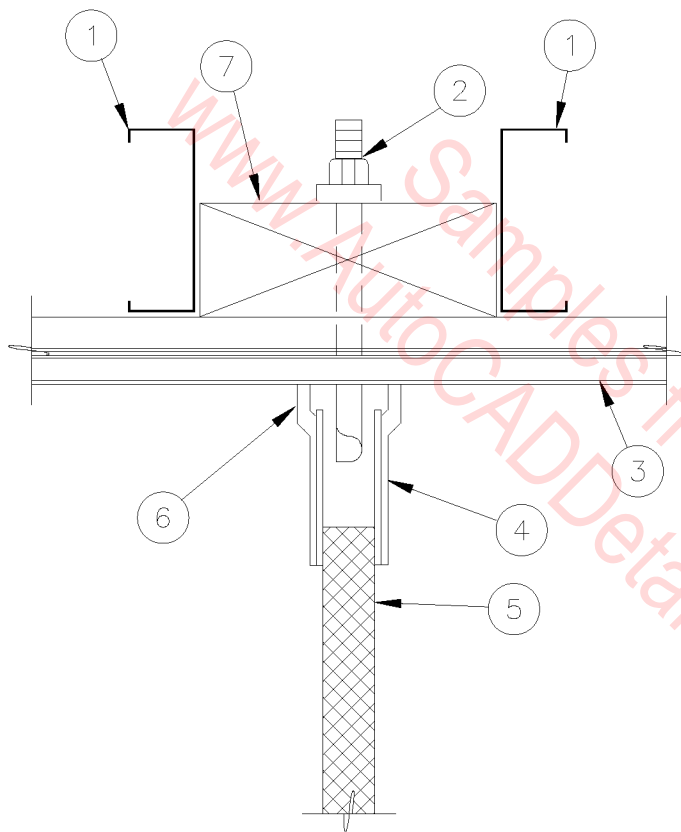
1. SUSPENDED GYP. CEILING.
2. EXTRUDED ANODIZED ALUM. TRACK- SUPPORT @ 2'-0" O.C. MIN. PROVIDE 1x4 BLOCK OVER ALL CURVES IN TRACK.
3. MAINTENANCE FREE ROLLER CARRIER.



## CURTAIN TRACK SUPPORT

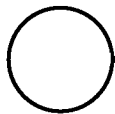
1" = 1"

09A-2049



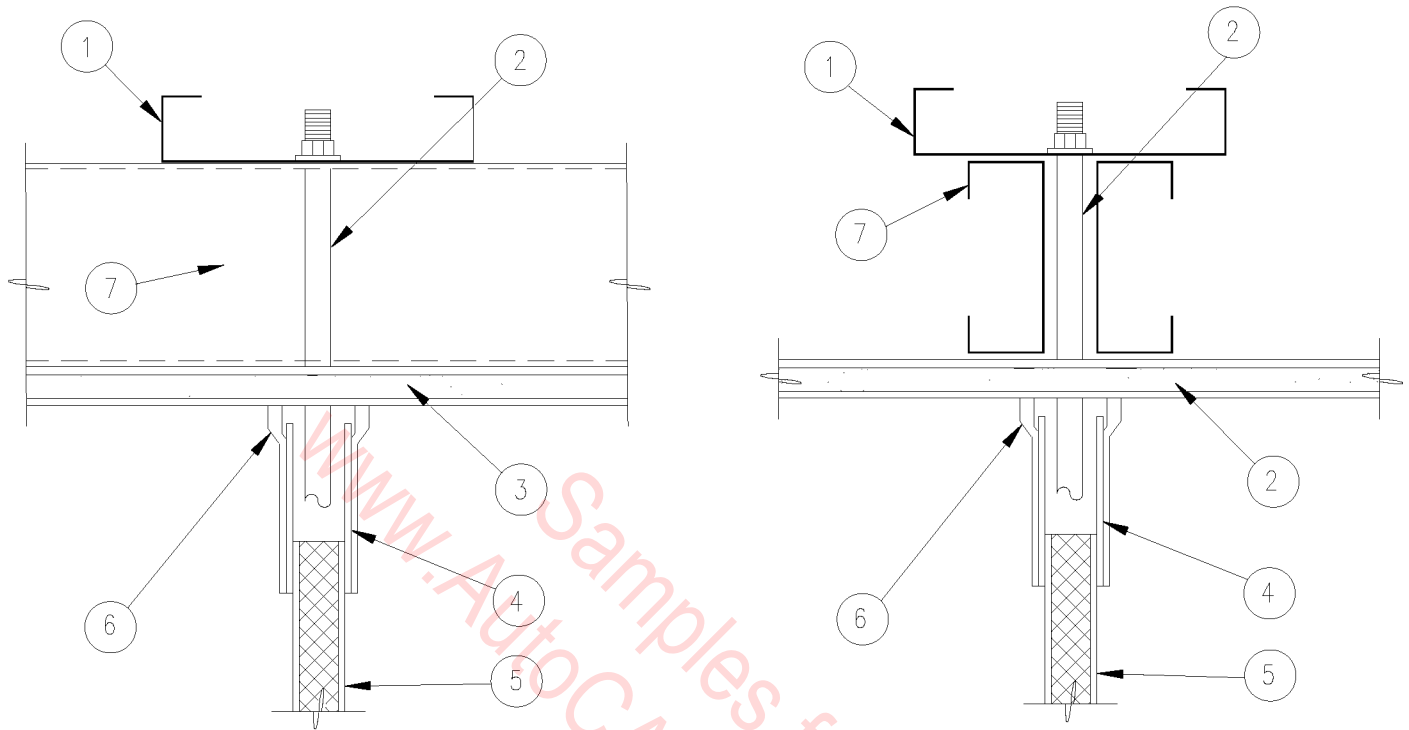
1. 3-5/8" METAL STUD, 16 GA, SUPPORT & BRACE FROM ROOF STRUCTURE.
2. 1/2" DIA. MACHINE BOLT, NUT, & WASHER - 2 PER PLASTER - MIN.
3. GYP. BOARD.
4. TOILET PART. PILASTER.
5. TOILET PARTITION.
6. SEALANT.
7. 2 X 4 CONTINUOUS WOOD BLOCKING, FIRE RETARDANT.

## TOILET PARTITION AT GYP. BD. CEILING

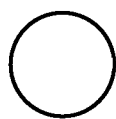


3" = 1'-0"

09A-2050



1. 6" STEEL STUD - EXTEND TO WALL AND ANCHOR.
2. 1/2"  $\phi$  MACHINE BOLT, NUT, AND WASHER TWO PER PILASTER - MINIMUM.
3. GYPSUM BOARD.
4. COVER PLATE.
5. TOILET PARTITION.
6. SEALANT BOTH SIDES.
7. METAL STUD FRAMING.

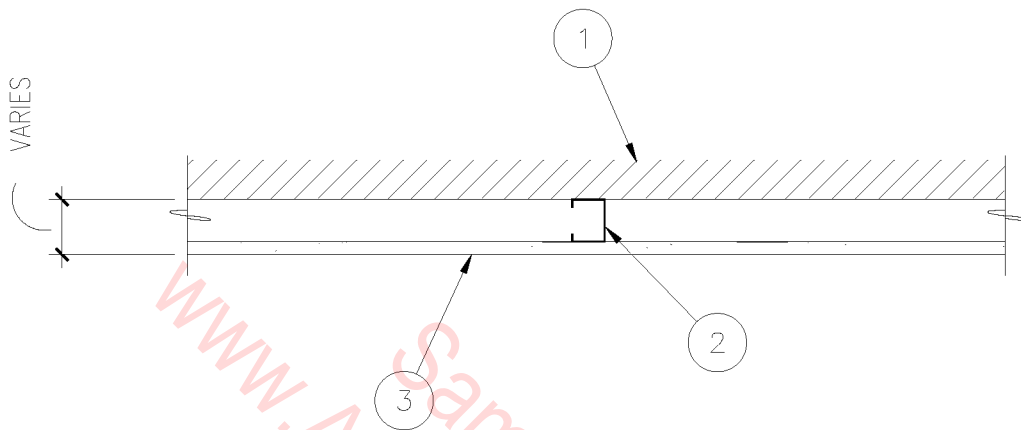


## TOILET PARTITION HEAD

3" = 1'-0"

09A-2051





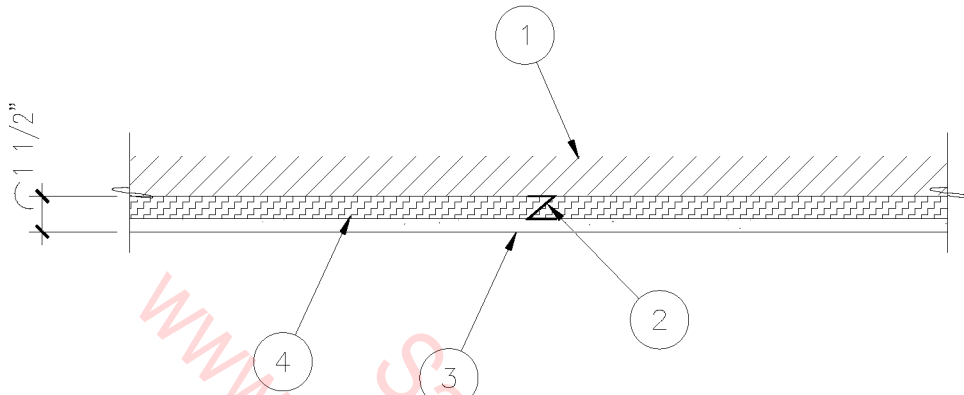
1. EXISTING WALL
2. STEEL STUDS SET IN RUNNERS AT 24" ON CENTER.
3. 1/2" SHEETROCK BRAND FOIL BACKED GYPSUM PANELS SCREW ATTACHED TO STUDS.

NOTE:  
A. JOINTS FINISHED.

# ○ FURRED WALL DETAIL

1-1/2" = 1'-0"

09A-2052



1. EXISTING WALL.
2. SHEETROCK Z FURRING CHANNELS APPLIED VERTICALLY AT 24" ON CENTER.
3. 1/2" SHEETROCK BRAND FOIL BACKED GYPSUM PANELS SCREW ATTACHED TO CHANNELS.
4. RIGID PLASTIC FOAM INSULATION UP TO 3" THICK BETWEEN CHANNELS.

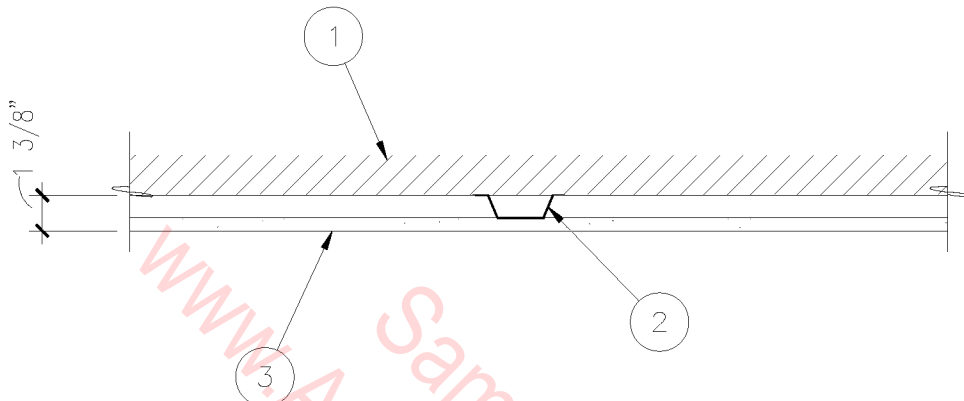
NOTES:

- A. JOINTS FINISHED.
- B. NO LIMITING HEIGHT.

○ FURRED WALL DETAIL

1-1/2" = 1'-0"

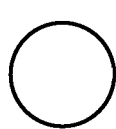
09A-2053



1. EXISTING WALL.
2. METAL FURRING CHANNELS AT 24" ON CENTER.
3. 1/2" SHEETROCK BRAND FOIL BACKED GYPSUM PANELS SCREW ATTACHED TO CHANNELS.

NOTES:

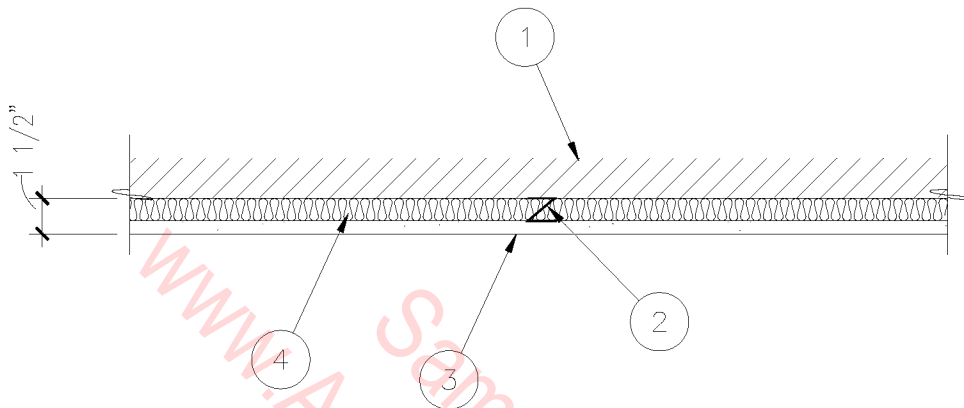
- A. JOINTS FINISHED.
- B. NO LIMITING HEIGHT.



# FURRED WALL DETAIL

1-1/2" = 1'-0"

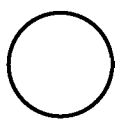
09A-2054



1. EXISTING WALL.
2. SHEETROCK Z FURRING CHANNELS APPLIED VERTICALLY AT 24" ON CENTER.
3. 1/2" SHEETROCK BRAND FOIL BACKED GYPSUM PANELS SCREW ATTACHED TO CHANNELS.
4. THERMAFIBER FIRE SAFETY FS-15 BLANKETS BETWEEN CHANNELS.

NOTES:

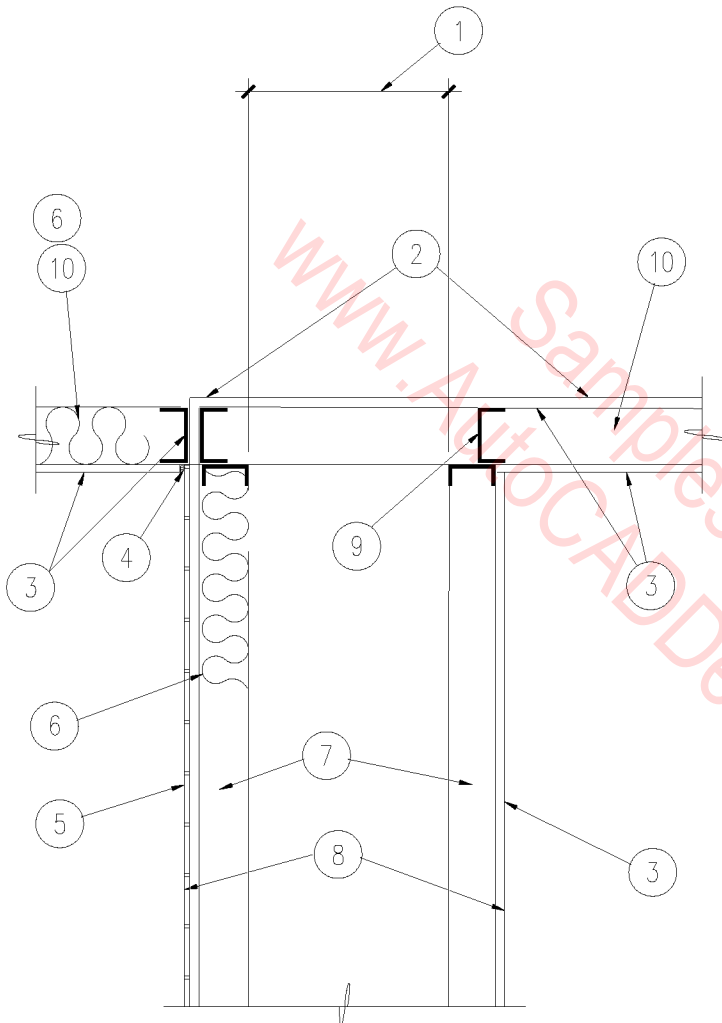
- A. JOINTS FINISHED.
- B. NO LIMITING HEIGHT.



## FURRED WALL DETAIL

1-1/2" = 1'-0"

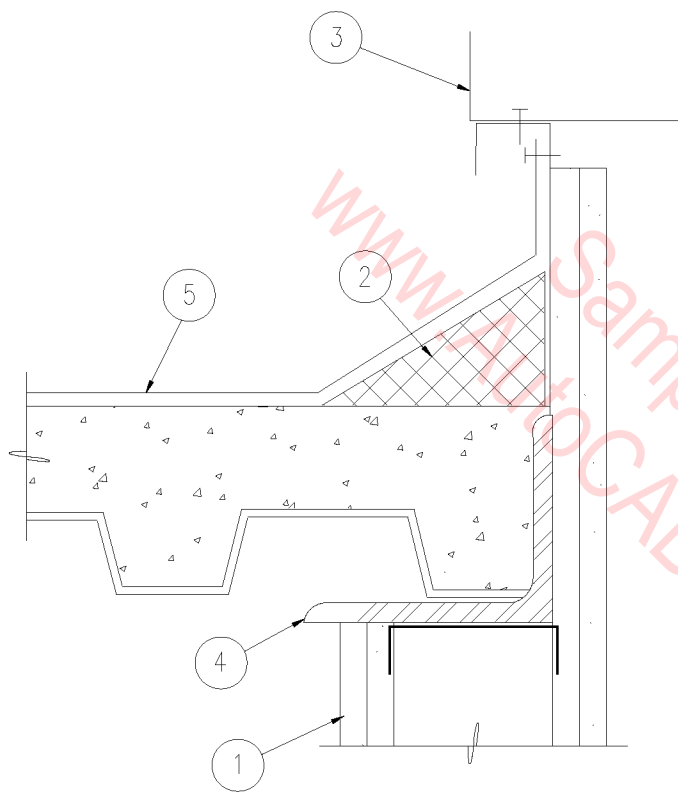
09A-2055



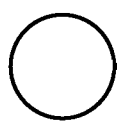
1. VERIFY W/ PLUMBING.
2. ONE HOUR CEILING ASSEMBLY.
3. 5/8" TYPE "X" GYP. BD.
4. SEALANT.
5. CERAMIC TILE ON GLASS MESH MORTAR UNIT.
6. R-11 SOUND BATT INSULATION.
7. 3-5/8" METAL STUDS AT 16" O.C.
8. ONE HOUR WALL ASSEMBLY (PLUMBING CHASE).
9. CEILING JOIST BLOCKING.
10. CEILING JOIST.

○ PLUMBING CHASE  
 3/4" = 1'-0"

09A-2056



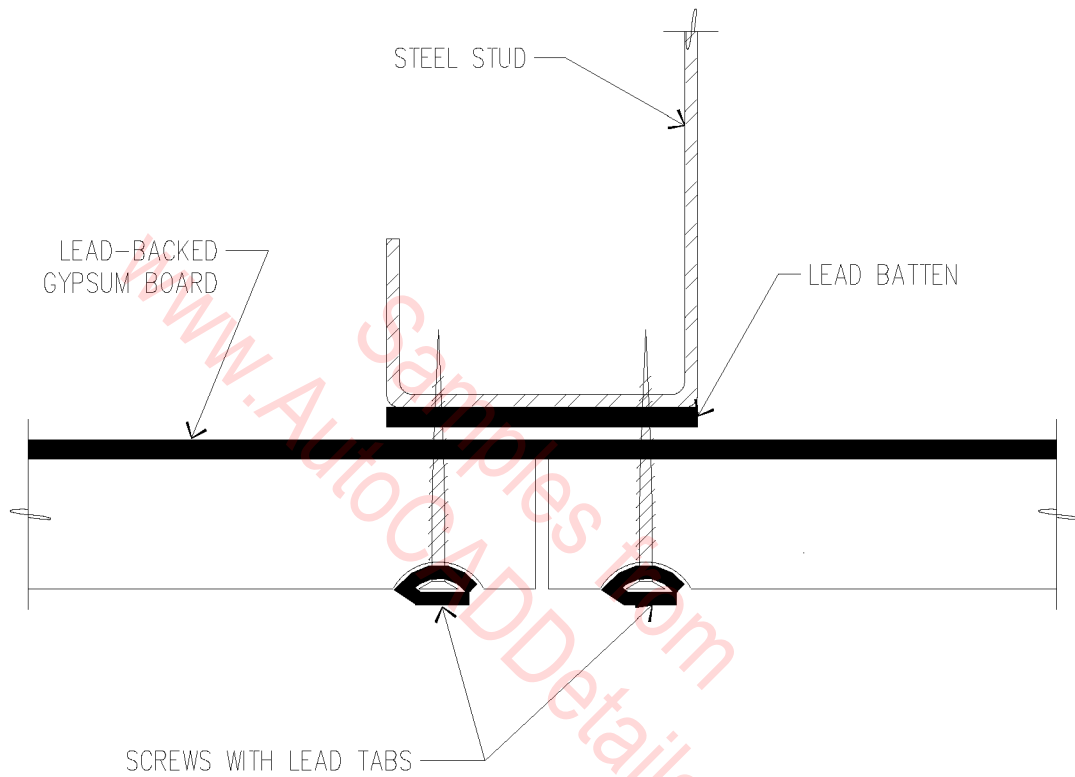
1. (2) LAYERS TYPE "X" GYP. BD. BOTH SIDES OVER METAL FRAMING MEMBERS.
2. 4" CANT STRIP.
3. MECHANICAL UNIT- SEE MECHANICAL PLANS.
4. STEEL ANGLE.
5. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.



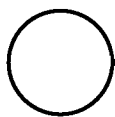
# KITCHEN HOOD SHAFT

3" = 1'-0"

09A-2057

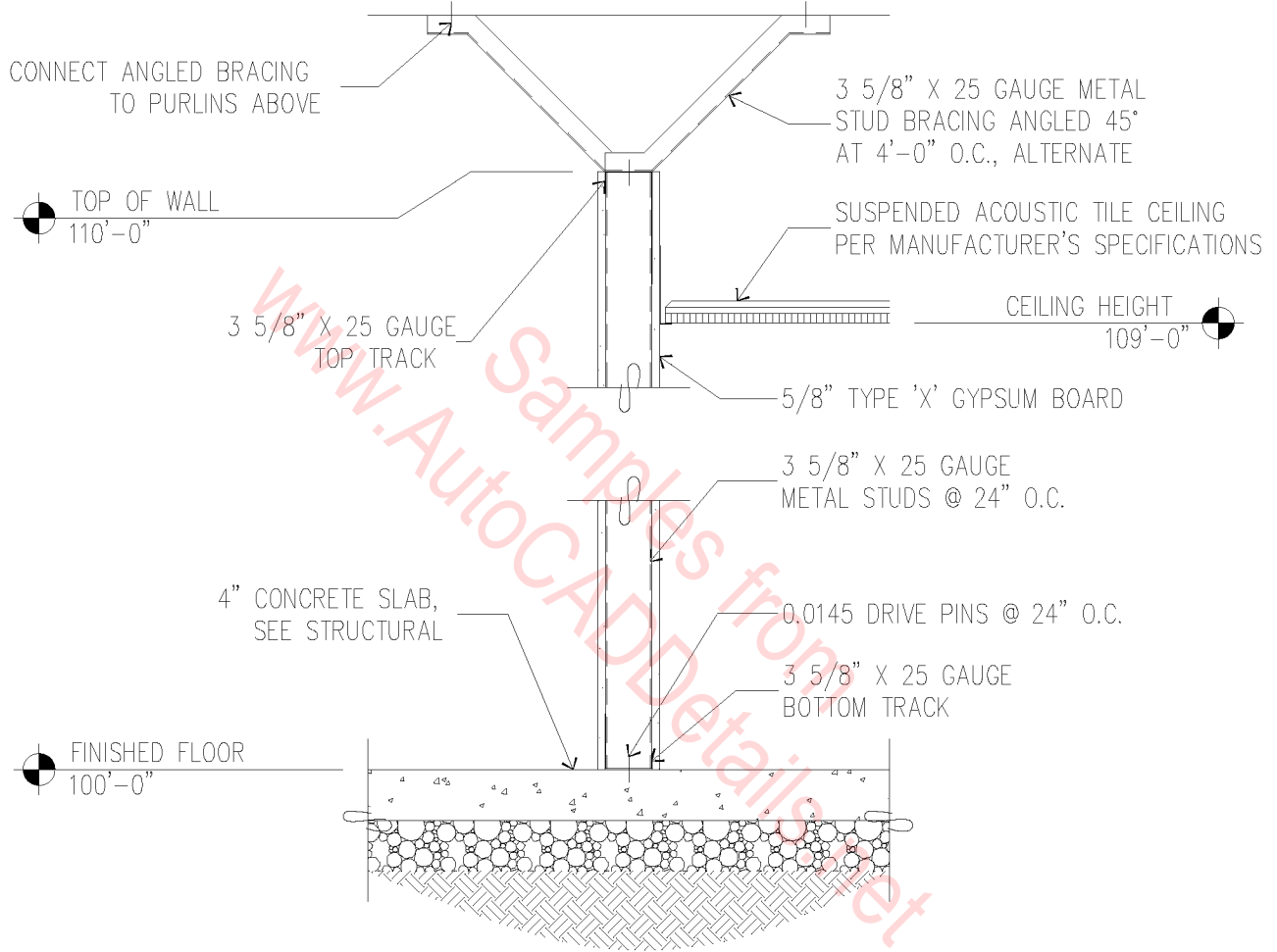


# USING BATTENS & TABS TO STEEL STUDS

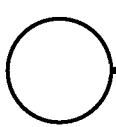


1" = 1"

09A-2058



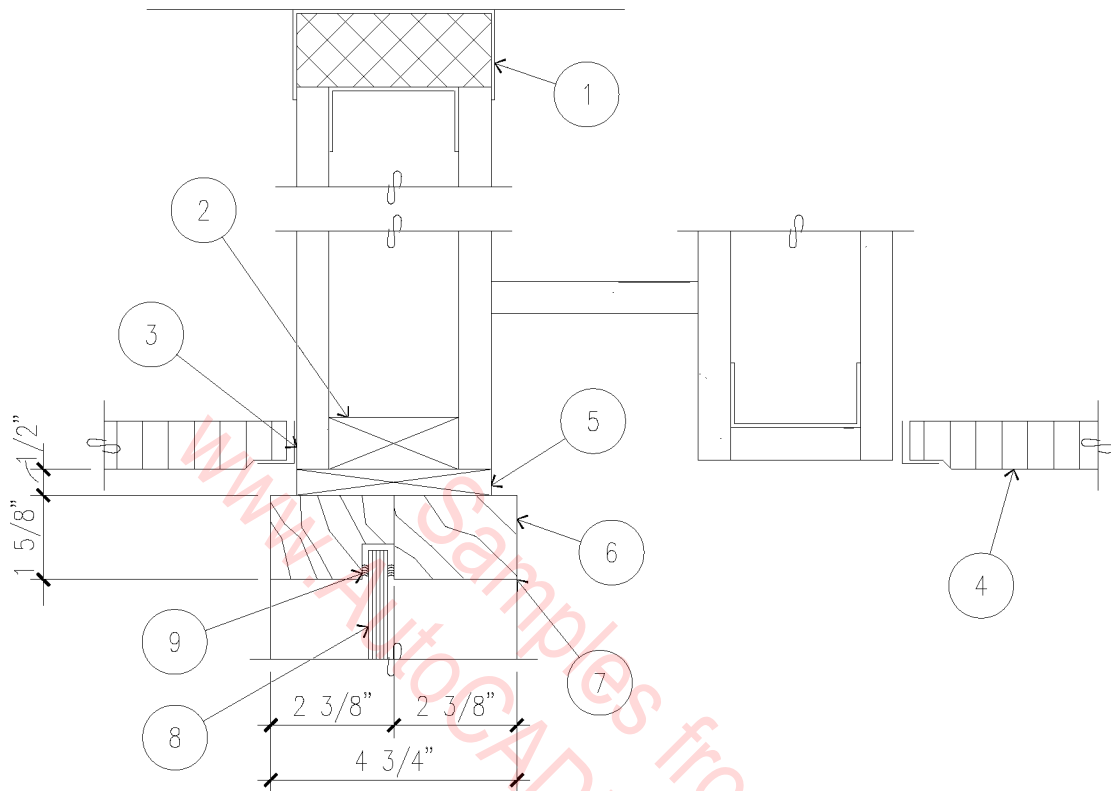
# INTERIOR WALL SECTION



3/4" = 1'-0"

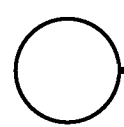
09A-2059





1. CONNECTION TO STRUCTURE ABOVE.
2. FIRE RESISTIVE TREATED BLOCKING.
3. METAL CEILING ANGLE.
4. SCHEDULED CEILING SYSTEM.
5. SOLID ALDER REVEAL BLOCKING.  
FINISH TO MATCH.
6. CHERRY WOOD HEAD.
7. EASED EDGE, TYPICAL.
8. 3/8" THICK TEMPERED GLASS  
(TINTED).
9. BLACK NEOPRENE GASKET.

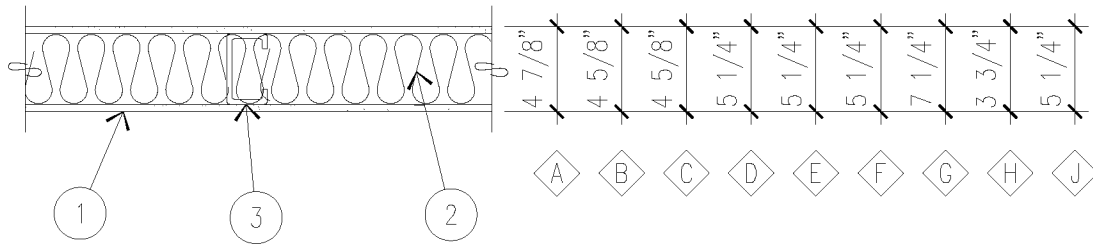
NOTE: ANCHOR WITH 'HILTI', OR EQUAL, POWER ACTUATED FASTENERS, I.C.B.O. #3288, @ 16" O.C.



# DRAPERY ROD POCKET

3" = 1'-0"

09A-2060



1. 5/8" GYPSUM BOARD DRYWALL  
EACH SIDE OF PARTITION, MINIMUM.
2. 3 1/2" SOUND INSULATION (2 1/2" AT  
TYPE 'H' ONLY), FRICTION FIT.
3. 25 STANDARD GAUGE METAL STUDS  
AT 24" O.C., UNLESS NOTED OTHERWISE.

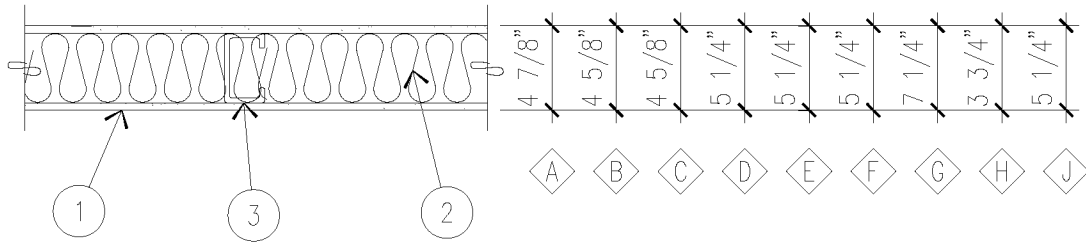
NOTE: MANUFACTURER'S SOUND TRANSMISSION  
COEFFICIENT (S.T.C.): WITH INSULATION AND  
PERIMETER CAULKED = 46 ± S.T.C.

WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	FIRE RATING
◊A	3 5/8"	STANDARD	16" O.C.	STANDARD	INCOMBUSTIBLE
◊B	3 3/8"	STANDARD	24" O.C.	TYPE 'X'	ONE HOUR
◊C	3 3/8"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊D	4"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊E	4"	STANDARD	16" O.C.	STANDARD	INCOMBUSTIBLE
◊F	4"	STANDARD	24" O.C.	TYPE 'X'	ONE HOUR
◊G	6"	16 GAUGE	24" O.C.	STANDARD	INCOMBUSTIBLE
◊H	2 1/2"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊J	4"	STANDARD	16" O.C.	TYPE 'X'	ONE HOUR

# TYPICAL DRYWALL PARTITION

N.T.S.

09A-2061



1. 5/8" GYPSUM BOARD DRYWALL EACH SIDE OF PARTITION, MINIMUM.
2. 3 1/2" SOUND INSULATION (2 1/2" AT TYPE 'H' ONLY), FRICTION FIT.
3. 25 STANDARD GAUGE METAL STUDS AT 24" O.C., UNLESS NOTED OTHERWISE.

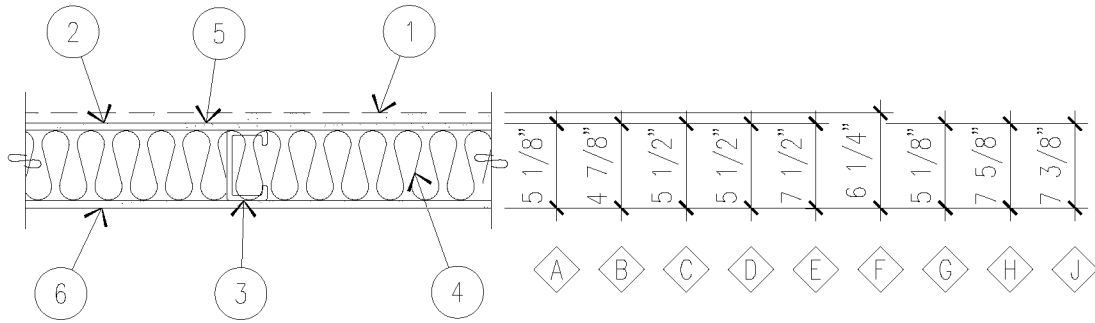
NOTE: MANUFACTURER'S SOUND TRANSMISSION COEFFICIENT (S.T.C.): WITH INSULATION AND PERIMETER CAULKED = 46 ± S.T.C.

WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	FIRE RATING
◊A	3 5/8"	STANDARD	16" O.C.	STANDARD	INCOMBUSTIBLE
◊B	3 3/8"	STANDARD	24" O.C.	TYPE 'X'	ONE HOUR
◊C	3 3/8"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊D	4"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊E	4"	STANDARD	16" O.C.	STANDARD	INCOMBUSTIBLE
◊F	4"	STANDARD	24" O.C.	TYPE 'X'	ONE HOUR
◊G	6"	16 GAUGE	24" O.C.	STANDARD	INCOMBUSTIBLE
◊H	2 1/2"	STANDARD	24" O.C.	STANDARD	INCOMBUSTIBLE
◊J	4"	STANDARD	16" O.C.	TYPE 'X'	ONE HOUR

## TYPICAL DRYWALL PARTITION

N.T.S.

09A-2061



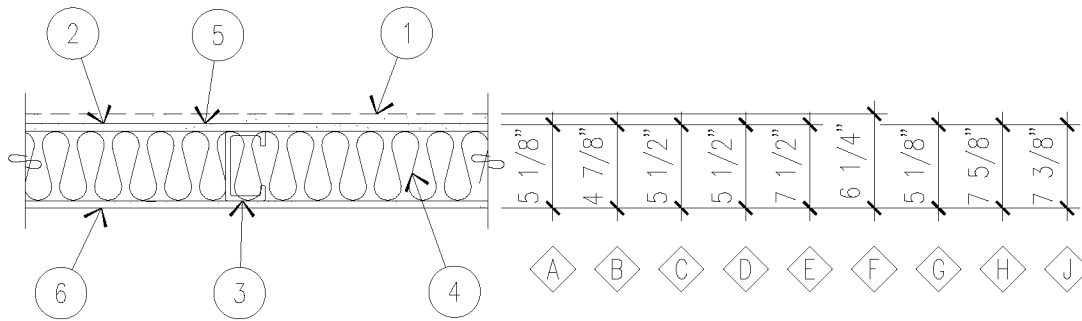
1. TWO LAYERS DRYWALL AT TYPE 'F'.
2. ONE LAYER OF GYPSUM DRYWALL, TYPICAL.
3. STEEL STUDS AT 16" O.C., MAXIMUM (12" O.C. AT CERAMIC TILE).
4. 3 1/2" SOUND INSULATION, FRICTION FIT, TYPE RII, WITHOUT PAPER BACKING.
5. CERAMIC TILE ON 1/2" TYPE 'X' WATER-PROOF GYPSUM BOARD WHERE SCHEDULED - SEE FINISH SCHEDULE.
6. 3.4 LB. METAL LATH AND CEMENT PLASTER ON EXTERIOR, 2.5 LB. METAL LATH AND GYPSUM PLASTER ON INTERIOR.

WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	GYPSUM BOARD LAYERS	PLASTER THICKNESS	FIRE RATING
A	3 5/8"	16 GAUGE	16" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
B	3 3/8"	16 GAUGE	16" O.C.	TYPE 'X'	ONE	7/8"	ONE HOUR
C	4"	16 GAUGE	16" O.C.	TYPE 'X'	ONE	7/8"	ONE HOUR
D	4"	16 GAUGE	16" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
E	6"	16 GAUGE	12" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
F	4"	16 GAUGE	16" O.C.	TYPE 'X'	TWO	1"	TWO HOUR
G	3 5/8"	16 GAUGE	16" O.C.	EXTERIOR PANELS	TWO	7/8"	INCOMBUSTIBLE
H	6"	16 GAUGE	16" O.C.	TYPE 'X'	TWO	1"	TWO HOUR
J	6"	16 GAUGE	16" O.C.	1/2" STANDARD	ONE	7/8"	INCOMBUSTIBLE

## COMPOSITE WALL - DRYWALL AND PLASTER

N.T.S.

09A-2062



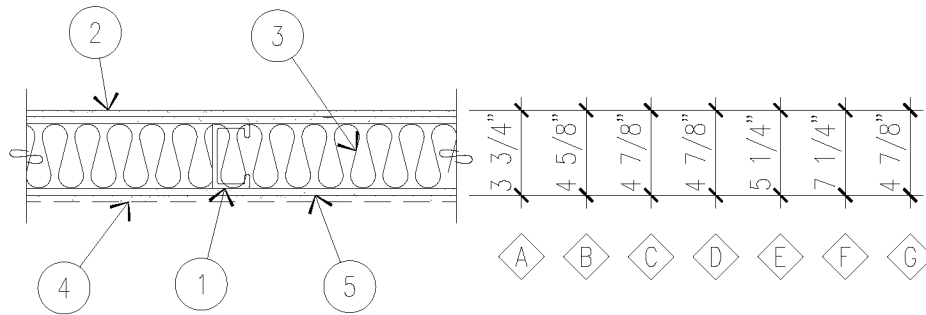
1. TWO LAYERS DRYWALL AT TYPE 'F'.
2. ONE LAYER OF GYPSUM DRYWALL, TYPICAL.
3. STEEL STUDS AT 16" O.C., MAXIMUM (12" O.C. AT CERAMIC TILE).
4. 3 1/2" SOUND INSULATION, FRICTION FIT, TYPE RII, WITHOUT PAPER BACKING.
5. CERAMIC TILE ON 1/2" TYPE 'X' WATER-PROOF GYPSUM BOARD WHERE SCHEDULED - SEE FINISH SCHEDULE.
6. 3.4 LB. METAL LATH AND CEMENT PLASTER ON EXTERIOR, 2.5 LB. METAL LATH AND GYPSUM PLASTER ON INTERIOR.

WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	GYPSUM BOARD LAYERS	PLASTER THICKNESS	FIRE RATING
A	3 5/8"	16 GAUGE	16" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
B	3 3/8"	16 GAUGE	16" O.C.	TYPE 'X'	ONE	7/8"	ONE HOUR
C	4"	16 GAUGE	16" O.C.	TYPE 'X'	ONE	7/8"	ONE HOUR
D	4"	16 GAUGE	16" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
E	6"	16 GAUGE	12" O.C.	5/8" STANDARD	ONE	7/8"	INCOMBUSTIBLE
F	4"	16 GAUGE	16" O.C.	TYPE 'X'	TWO	1"	TWO HOUR
G	3 5/8"	16 GAUGE	16" O.C.	EXTERIOR PANELS	TWO	7/8"	INCOMBUSTIBLE
H	6"	16 GAUGE	16" O.C.	TYPE 'X'	TWO	1"	TWO HOUR
J	6"	16 GAUGE	16" O.C.	1/2" STANDARD	ONE	7/8"	INCOMBUSTIBLE

## COMPOSITE WALL - DRYWALL AND PLASTER

N.T.S.

09A-2062



1. METAL STUDS, STANDARD GAUGE, AT 24" O.C., TYPICAL, UNLESS NOTED OTHERWISE.
2. (2) LAYERS OF GYPSUM BOARD.
3. 3 1/2" SOUND INSULATION, FRICTION FIT, WHERE INDICATED.
4. CERAMIC TILE ON 1/2" TYPE 'X' GYPSUM BOARD, WHERE SCHEDULED - SEE FINISH SCHEDULE.
5. (1) LAYER OF GYPSUM BOARD.

GYPSUM ASSOCIATION SOUND TRANSFER COEFFICIENT (S.T.C.):

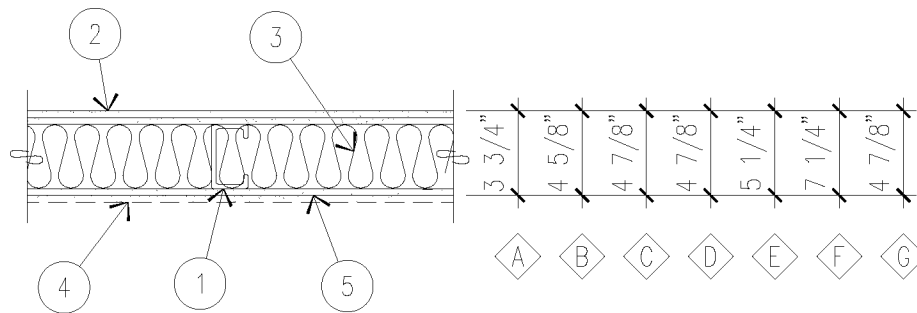
5/8" GYPSUM BOARD - WITH INSULATION: 50±, WITHOUT INSULATION: 45±  
 1/2" GYPSUM BOARD - WITH INSULATION: 45±, WITHOUT INSULATION: 40±

WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	INSULATION
◊A	2 1/2"	STANDARD	24" O.C.	5/8"	YES
◊B	3 5/8"	STANDARD	24" O.C.	1/2"	NO
◊C	3 5/8"	STANDARD	24" O.C.	5/8"	YES
◊D	3 5/8"	STANDARD	24" O.C.	5/8"	NO
◊E	4"	STANDARD	24" O.C.	5/8"	YES
◊F	6"	STANDARD	24" O.C.	5/8"	YES
◊G	3 5/8"	STANDARD	16" O.C.	5/8"	NO

# TYPICAL UNBALANCED SOUND RATED PARTITION

N.T.S.

09A-2063

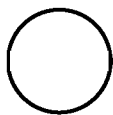


1. METAL STUDS, STANDARD GAUGE, AT 24" O.C., TYPICAL, UNLESS NOTED OTHERWISE.
2. (2) LAYERS OF GYPSUM BOARD.
3. 3 1/2" SOUND INSULATION, FRICTION FIT, WHERE INDICATED.
4. CERAMIC TILE ON 1/2" TYPE 'X' GYPSUM BOARD, WHERE SCHEDULED - SEE FINISH SCHEDULE.
5. (1) LAYER OF GYPSUM BOARD.

GYPSUM ASSOCIATION SOUND TRANSFER COEFFICIENT (S.T.C.):  
 5/8" GYPSUM BOARD - WITH INSULATION: 50±, WITHOUT INSULATION: 45±  
 1/2" GYPSUM BOARD - WITH INSULATION: 45±, WITHOUT INSULATION: 40±

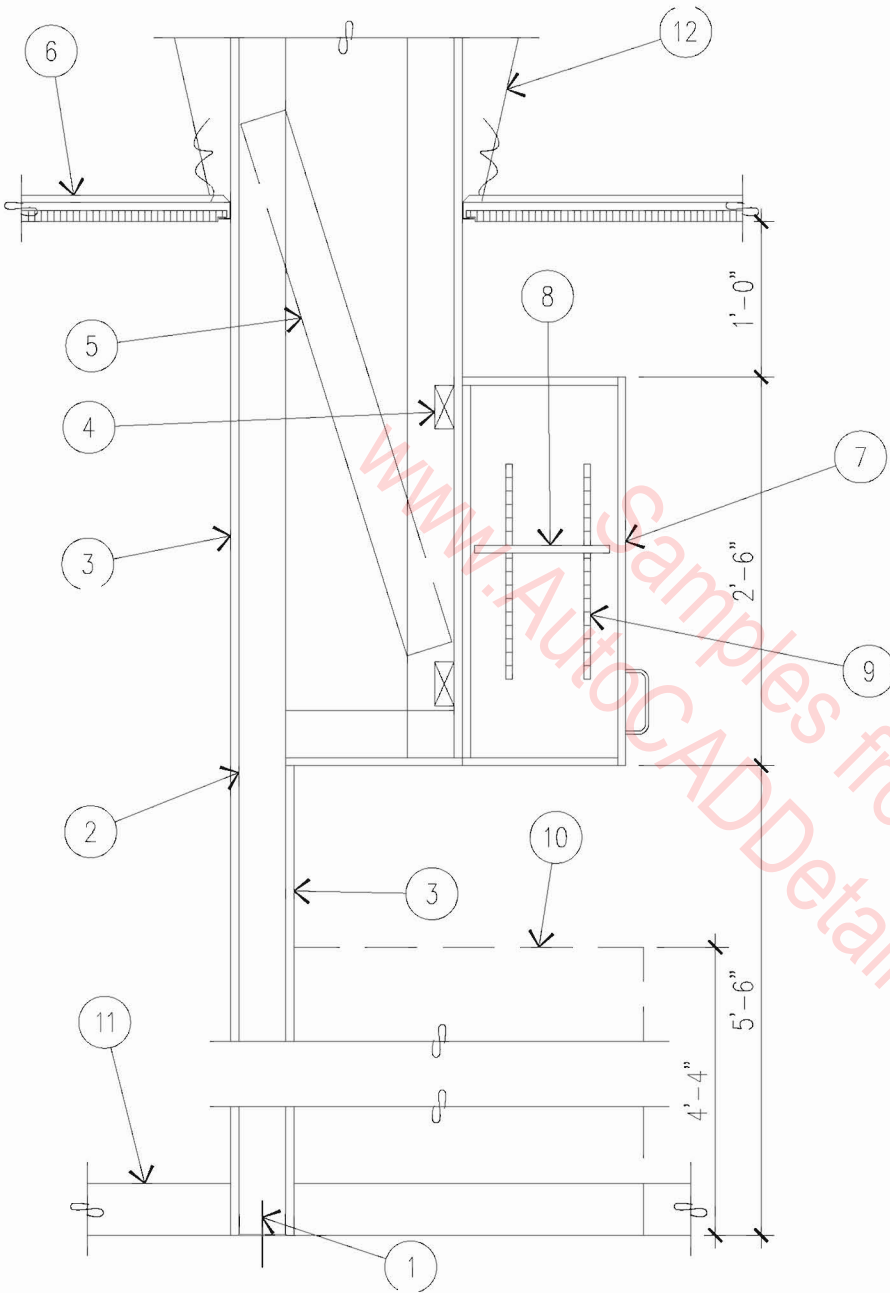
WALL TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	GYPSUM BOARD TYPE	INSULATION
◊A	2 1/2"	STANDARD	24" O.C.	5/8"	YES
◊B	3 5/8"	STANDARD	24" O.C.	1/2"	NO
◊C	3 5/8"	STANDARD	24" O.C.	5/8"	YES
◊D	3 5/8"	STANDARD	24" O.C.	5/8"	NO
◊E	4"	STANDARD	24" O.C.	5/8"	YES
◊F	6"	STANDARD	24" O.C.	5/8"	YES
◊G	3 5/8"	STANDARD	16" O.C.	5/8"	NO

## TYPICAL UNBALANCED SOUND RATED PARTITION



N.T.S.

09A-2063

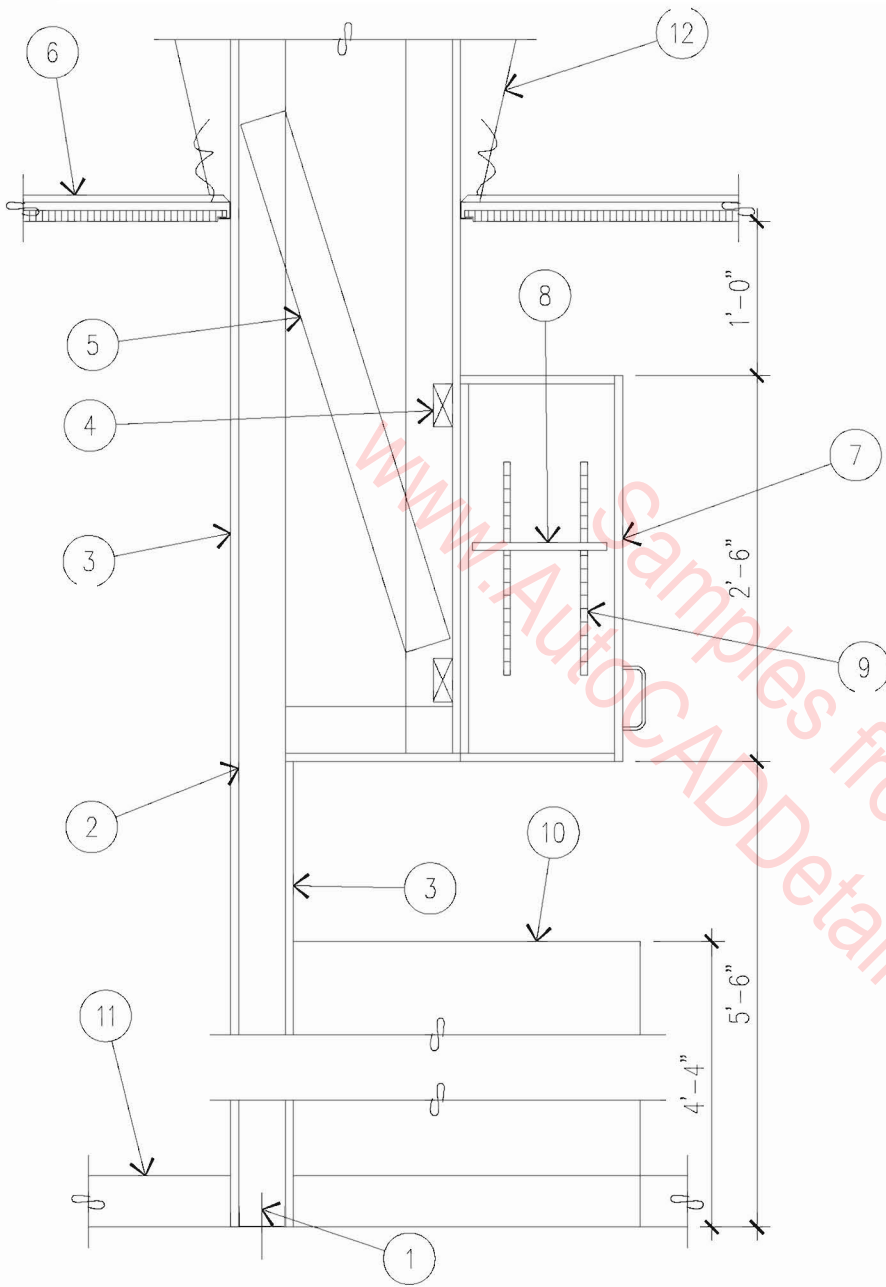


1. .0145 DRIVE PINS @ 24" O.C.
2. 3 5/8" X 20 GA. METAL STUDS AT 24" O.C.
3. 5/8" GYPSUM BOARD.
4. CONTINUOUS 2 X BLOCKING.
5. METAL STUD BRACING.
6. SUSPENDED CEILING TILE.
7. OVERHEAD CABINET.
8. SHELF.
9. RECESSED SHELF BRACKETS.
10. FILE CABINETS - N.I.C.
11. WOOD BASE COVE.
12. 12 GAUGE GALVANIZED WIRE.

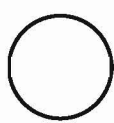

**CABINET SECTION**  
 3/4" = 1'-0"

09A-2064





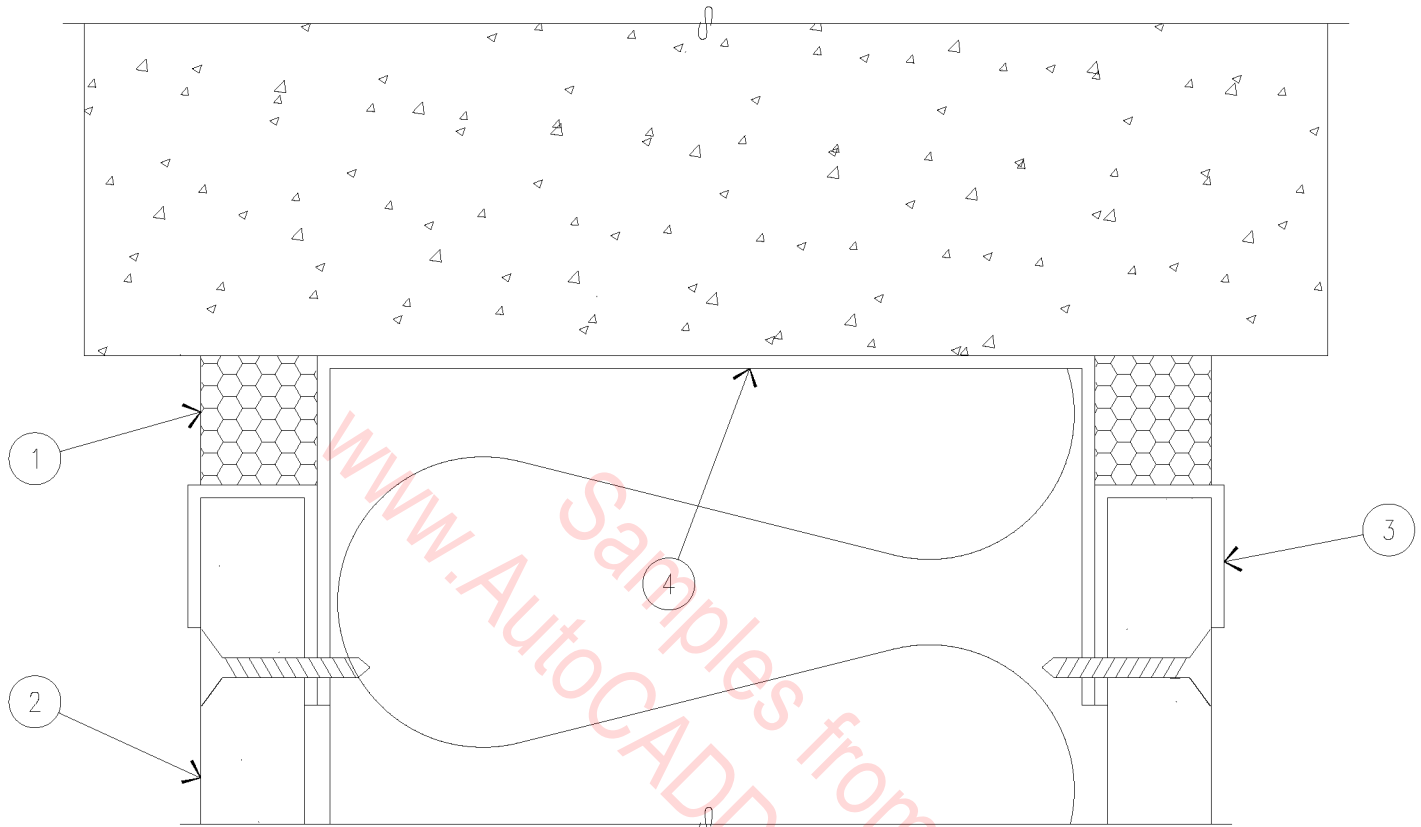
1. .0145 DRIVE PINS @ 24" O.C.
2. 3 5/8" X 20 GA. METAL STUDS AT 24" O.C.
3. 5/8" GYPSUM BOARD.
4. CONTINUOUS 2 X BLOCKING.
5. METAL STUD BRACING.
6. SUSPENDED CEILING TILE.
7. OVERHEAD CABINET.
8. SHELF.
9. RECESSED SHELF BRACKETS.
10. FILE CABINETS - N.I.C.
11. WOOD BASE COVE.
12. 12 GAUGE GALVANIZED WIRE.



## CABINET SECTION

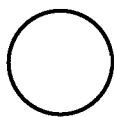
3/4" = 1'-0"

09A-2064



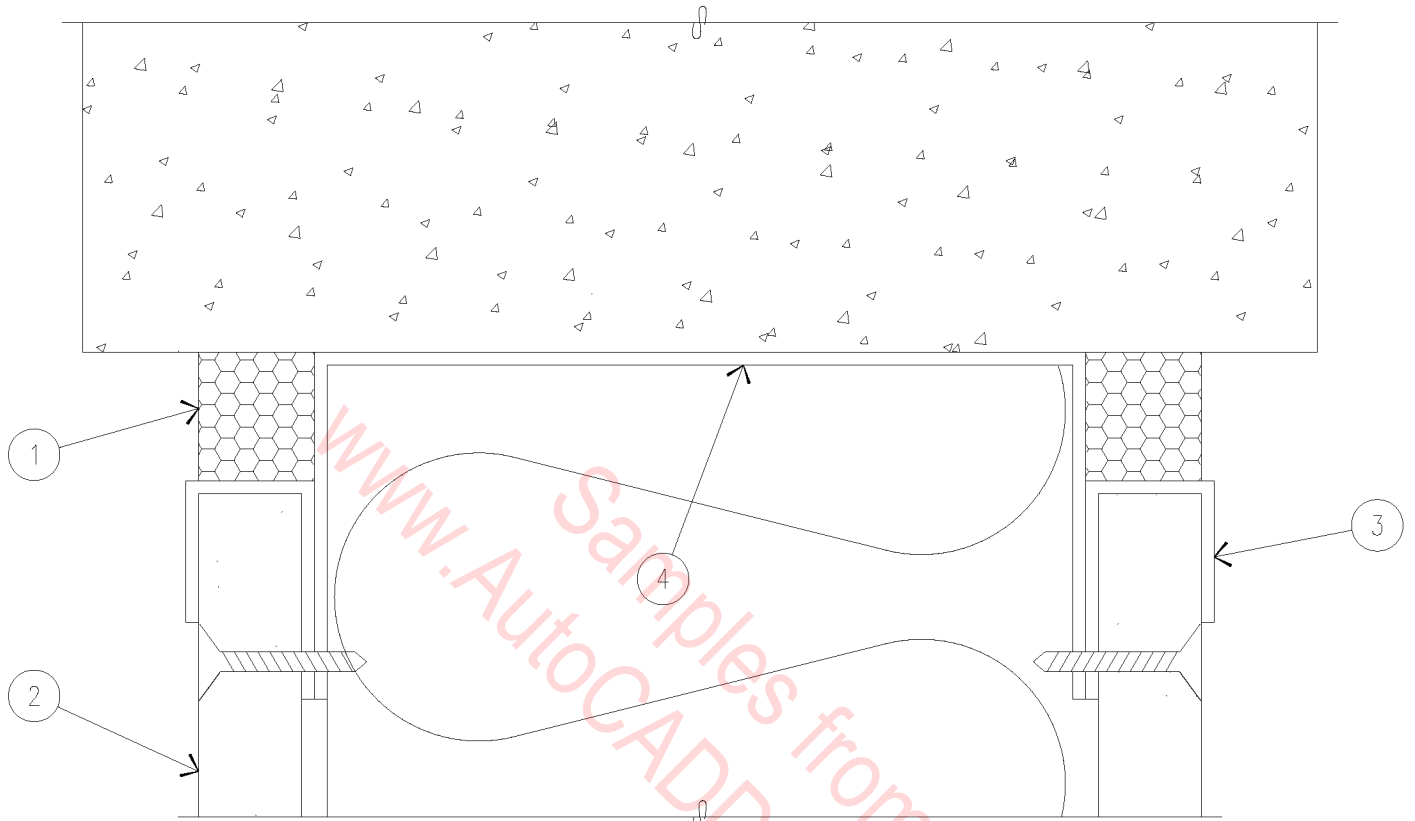
1. ACOUSTICAL FOAM TAPE.
2. 1/2" GYPSUM BOARD.
3. CASING BEAD.
4. METAL STUD TOP TRACK.

# ACOUSTICAL TAPE INSTALLATION



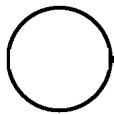
1" = 1"

09A-2065



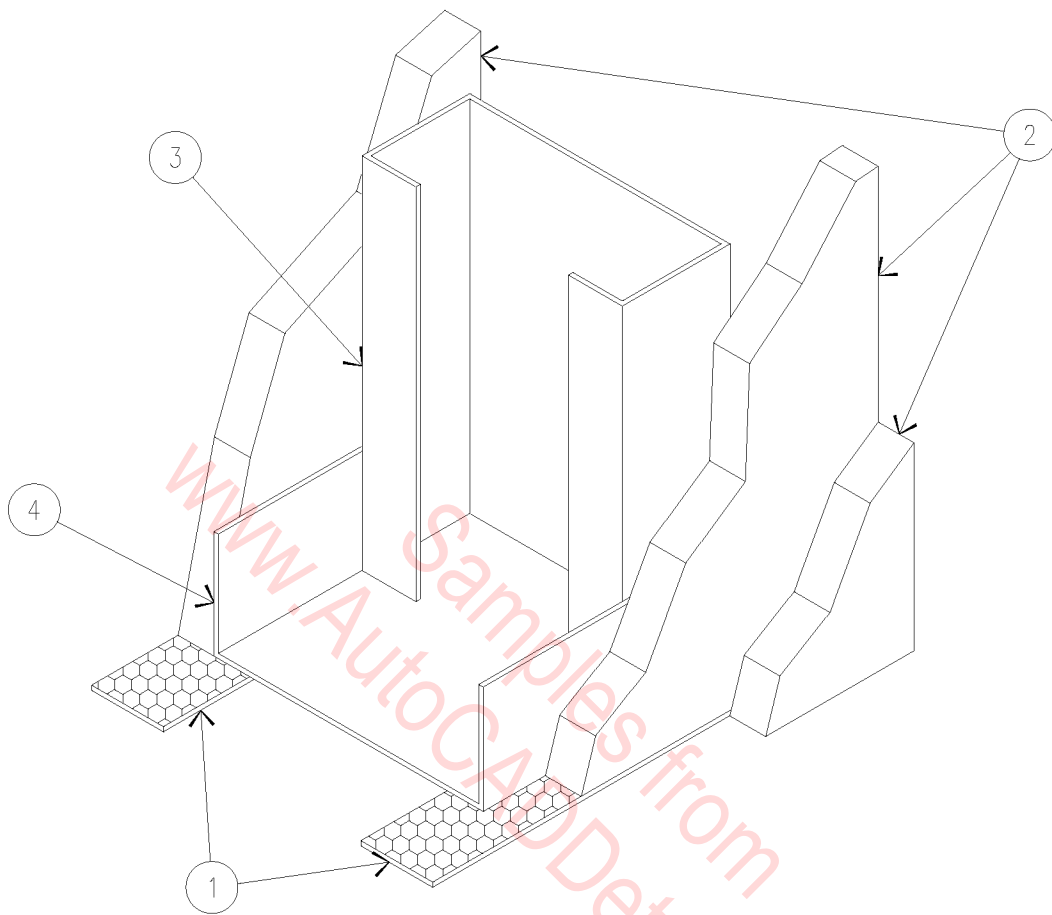
1. ACOUSTICAL FOAM TAPE.
2. 1/2" GYPSUM BOARD.
3. CASING BEAD.
4. METAL STUD TOP TRACK.

# ACOUSTICAL TAPE INSTALLATION



1" = 1"

09A-2065

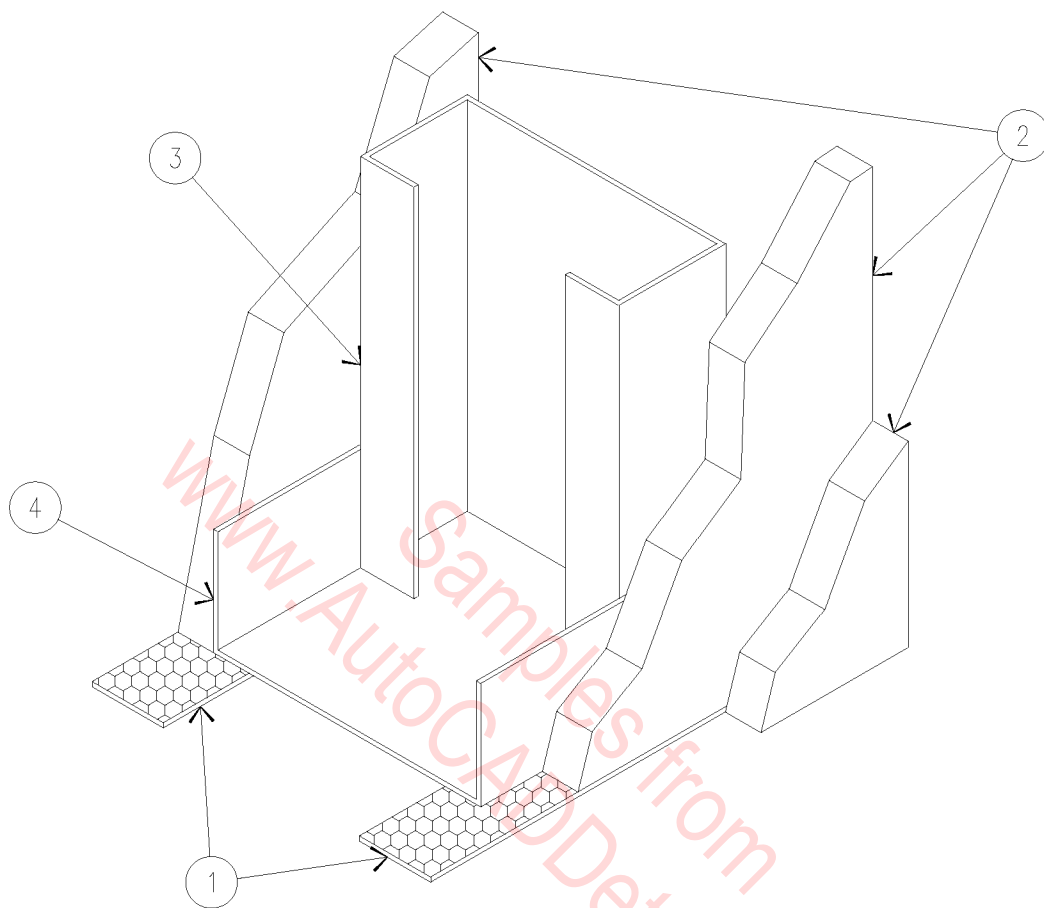


- 1. ACOUSTICAL FOAM TAPE.
- 2. GYPSUM PANELS.
- 3. 3 5/8" X 20 GAUGE METAL STUD.
- 4. METAL STUD TOP TRACK.

# ACOUSTICAL TAPE INSTALLATION

N.T.S.

09A-2066

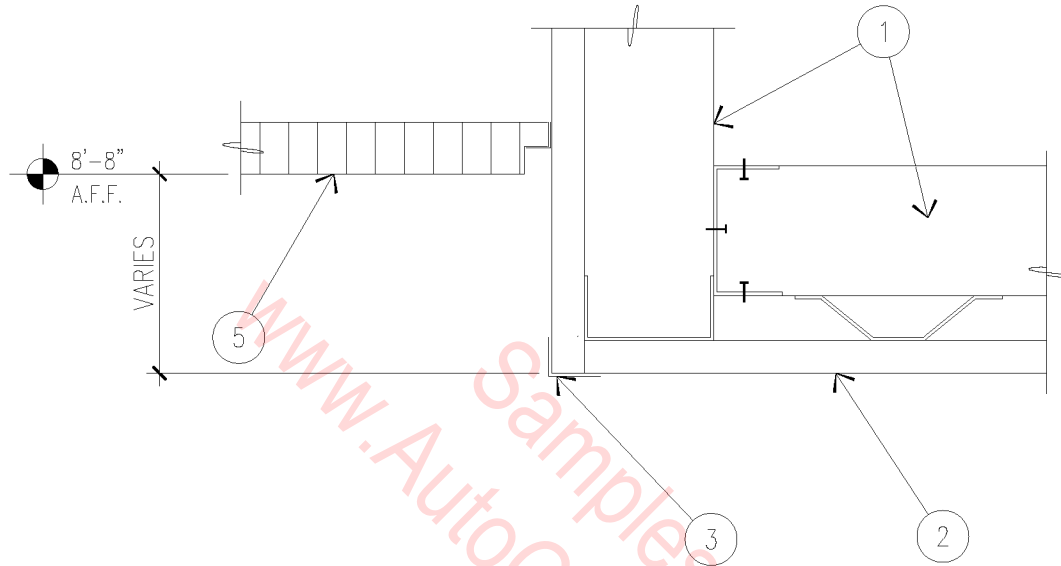


1. ACOUSTICAL FOAM TAPE.
2. GYPSUM PANELS.
3. 3 5/8" X 20 GAUGE METAL STUD.
4. METAL STUD TOP TRACK.

# ACOUSTICAL TAPE INSTALLATION

N.T.S.

09A-2066



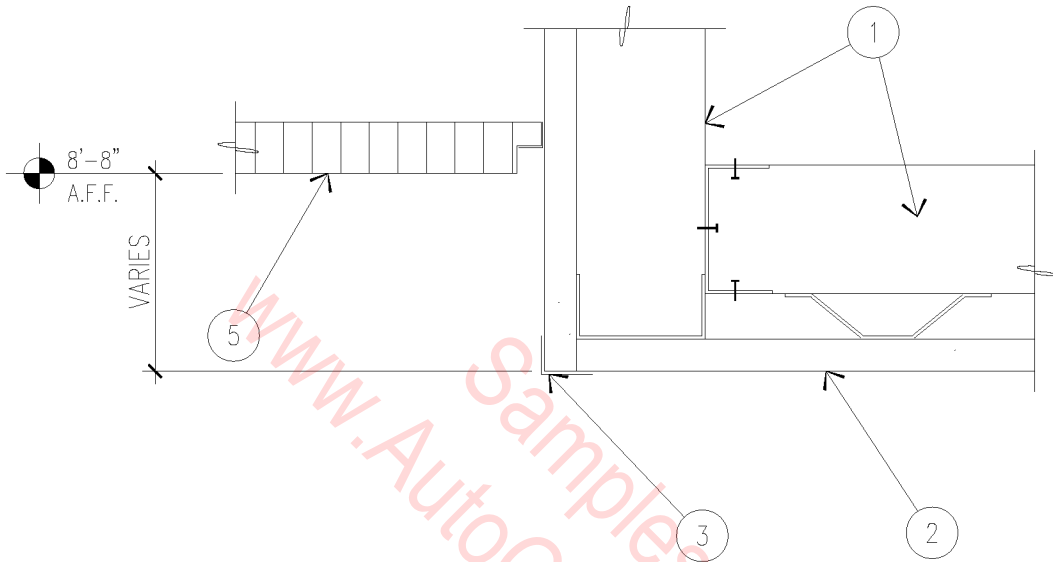
1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.

○ CEILING DETAIL AT SOFFIT

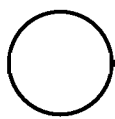
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3" = 1'-0"

09A-2067



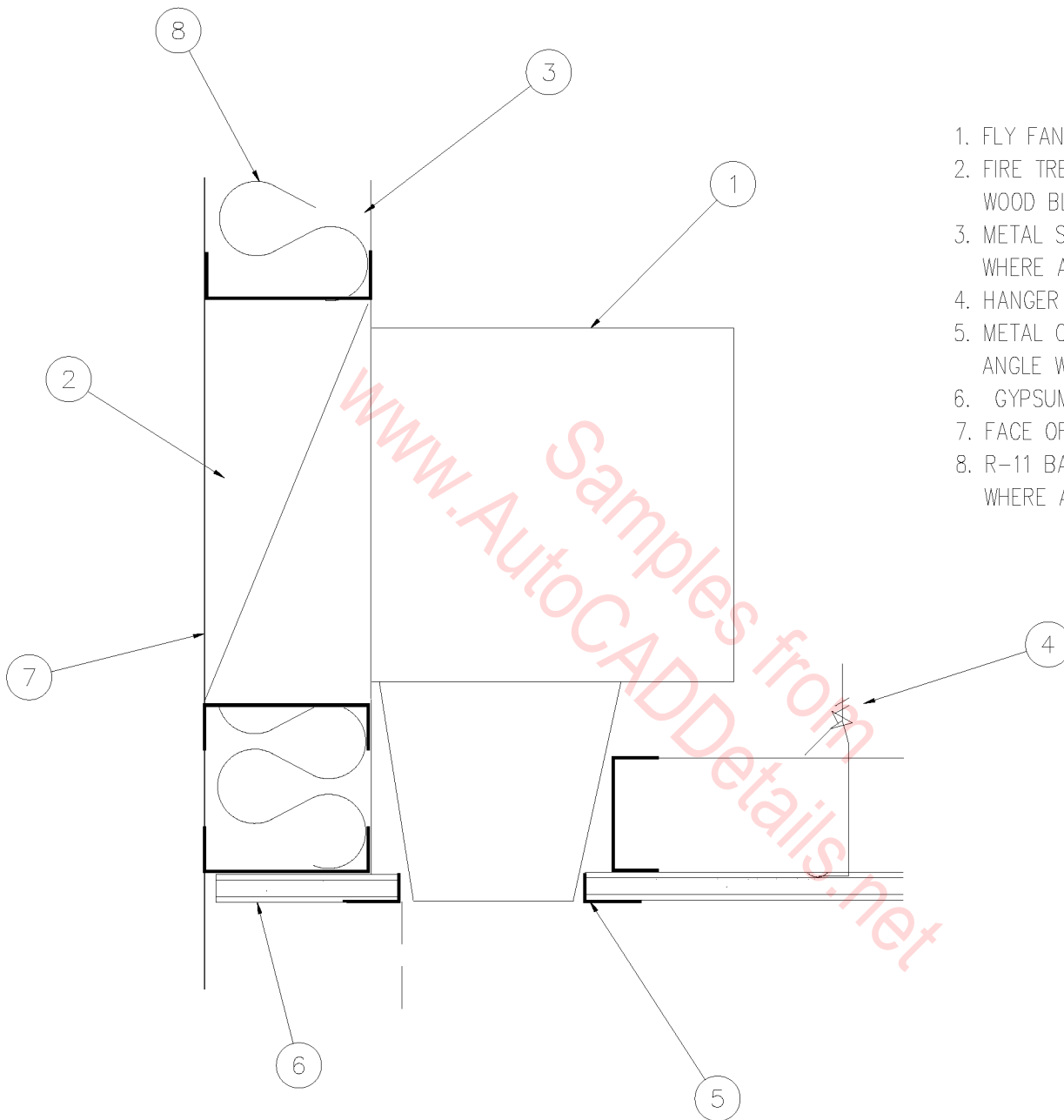
1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.



## CEILING DETAIL AT SOFFIT

3" = 1'-0"

09A-2067



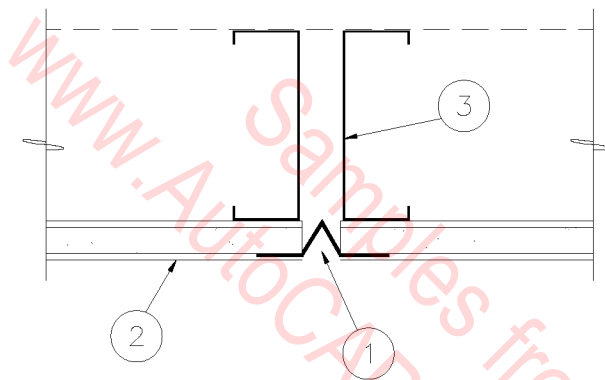
1. FLY FAN.
2. FIRE TREATED WOOD BLOCKING.
3. METAL STUDS AT 16" O.C. WHERE APPLICABLE.
4. HANGER WIRE.
5. METAL CASING OR WALL ANGLE WHERE APPLICABLE.
6. GYPSUM BOARD CEILING.
7. FACE OF WALL.
8. R-11 BATT INSULATION WHERE APPLICABLE.

○ FLY FAN AT CEILING

3" = 1'-0"

09A-5001





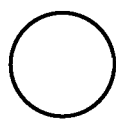
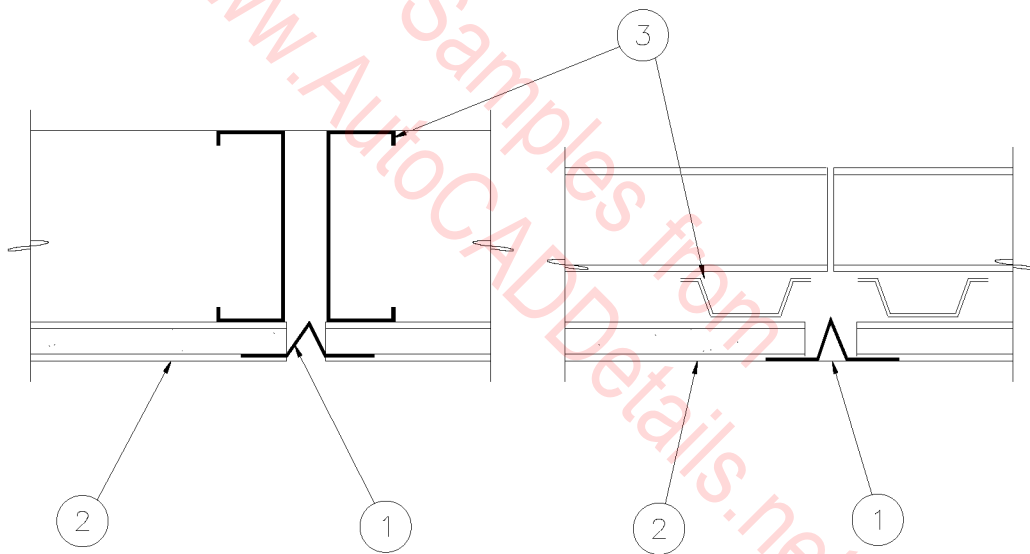
1. EXPANSION JOINT.
2. 5/8" GYPSUM BOARD.
3. LIGHT GAUGE METAL FRAMING IN WALL OR CEILING.

○ GYP. BD. EXP. JOINT  
3" = 1'-0"

09A-5002

- 1. EXPANSION JOINT.
- 2. 5/8" GYP. BD.

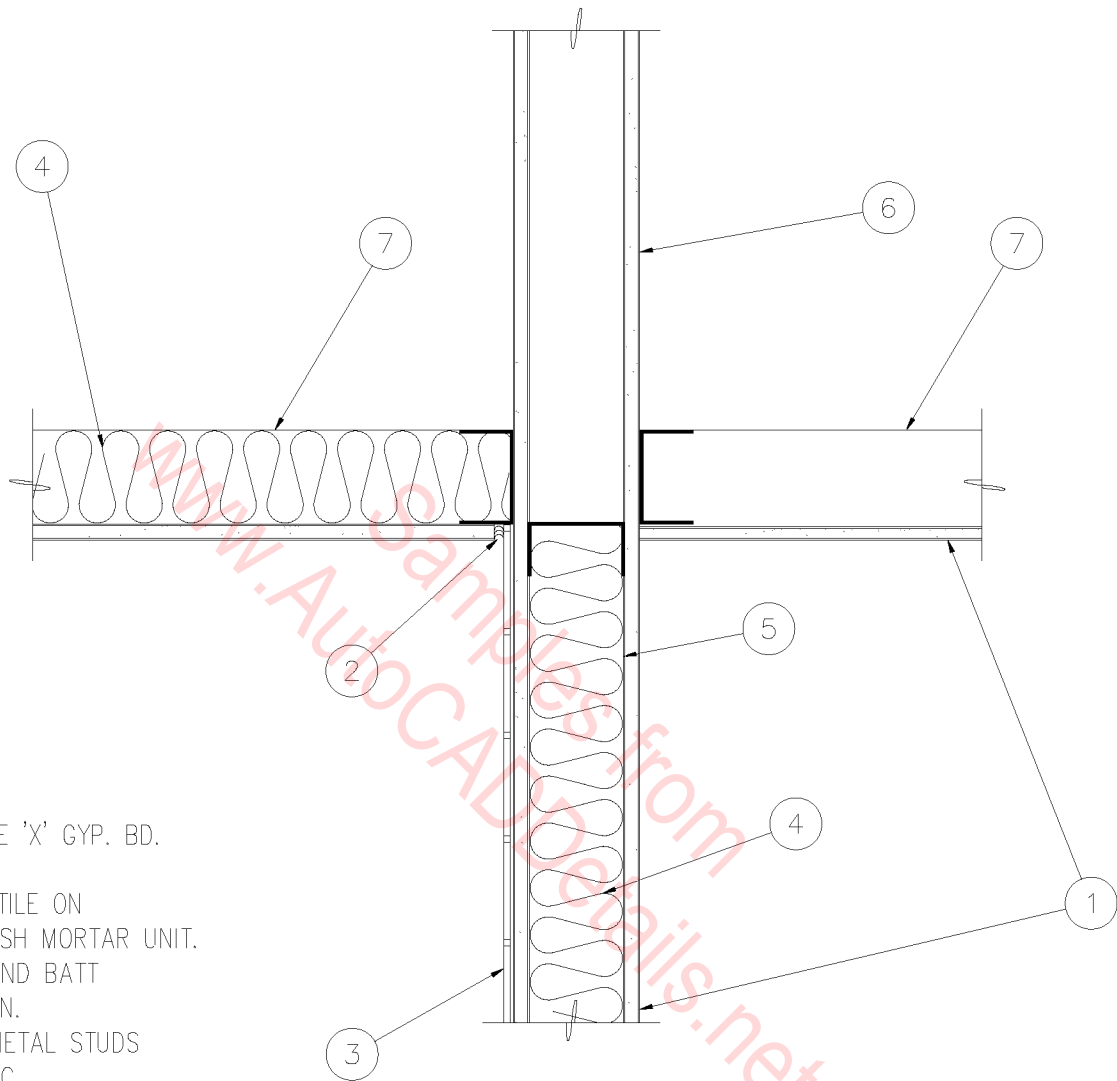
- 3. SUSPENDED GYP. BD. CEILING SYSTEM OR LIGHT GAUGE METAL STUDS USED AS CEILING JOIST.



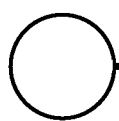
GYP. BD. CONTROL JOINT

3" = 1'-0

09A-5003



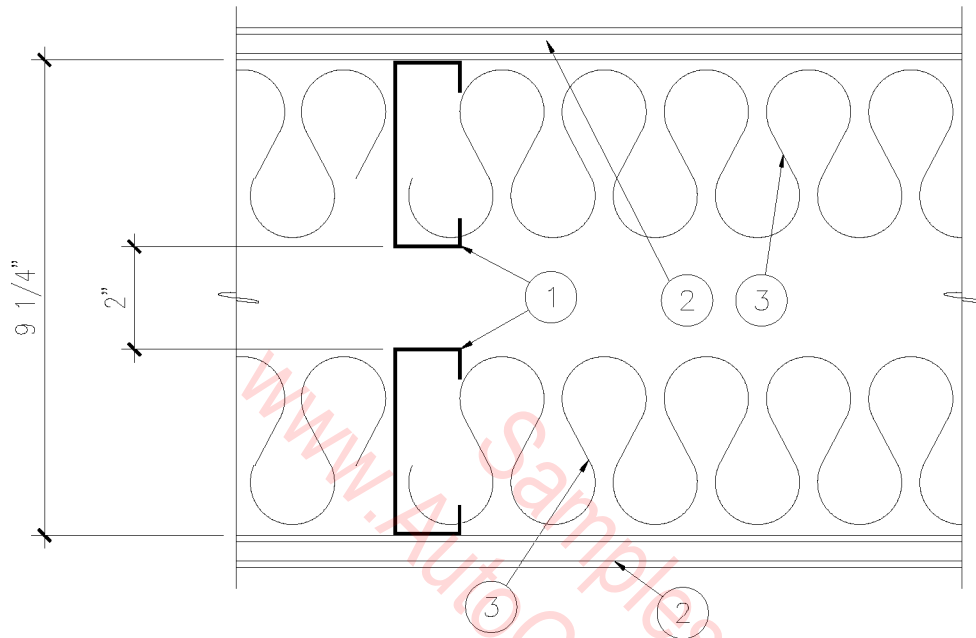
1. 5/8" TYPE 'X' GYP. BD.
2. SEALANT.
3. CERAMIC TILE ON  
GLASS MESH MORTAR UNIT.
4. R-11 SOUND BATT  
INSULATION.
5. 3-5/8" METAL STUDS  
AT 16" O.C.
6. ONE HOUR WALL  
ASSEMBLY.
7. METAL STUD (CEILING  
JOIST).



## SOUND WALL

1-1/2" = 1'-0"

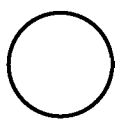
09A-5004



CONSTRUCTION SIMILAR TO  
GA FILE NO. WP 5005  
STC : 64

1. 3-5/8" METAL STUDS AT 16" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. 3-1/2" ACOUSTICAL INSULATION BATTS.

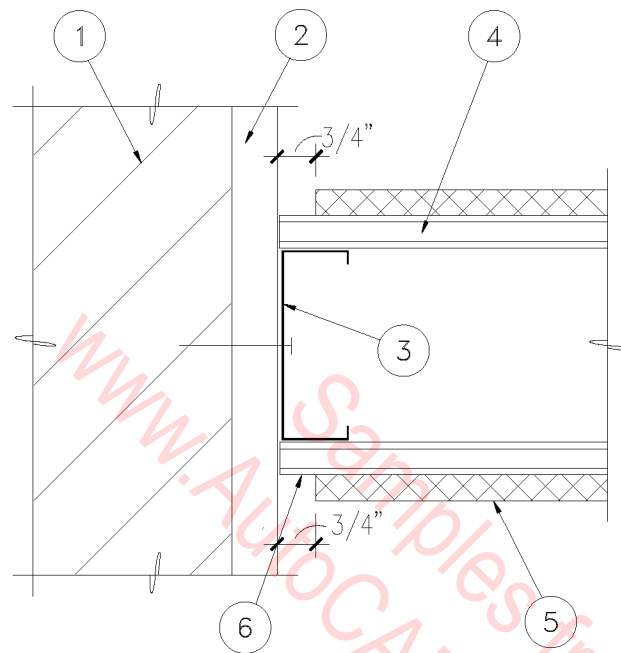
NOTE: CONSTRUCT ACCORDING TO STANDARDS AND DETAILS  
FOR SOUND INSULATION FROM GYPSUM  
ASSOCIATION DESIGN MANUAL 12TH EDITION (GA-600-88).



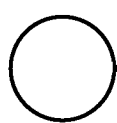
SOUND RESISTIVE WALL

3" = 1'-0"

09A-5005



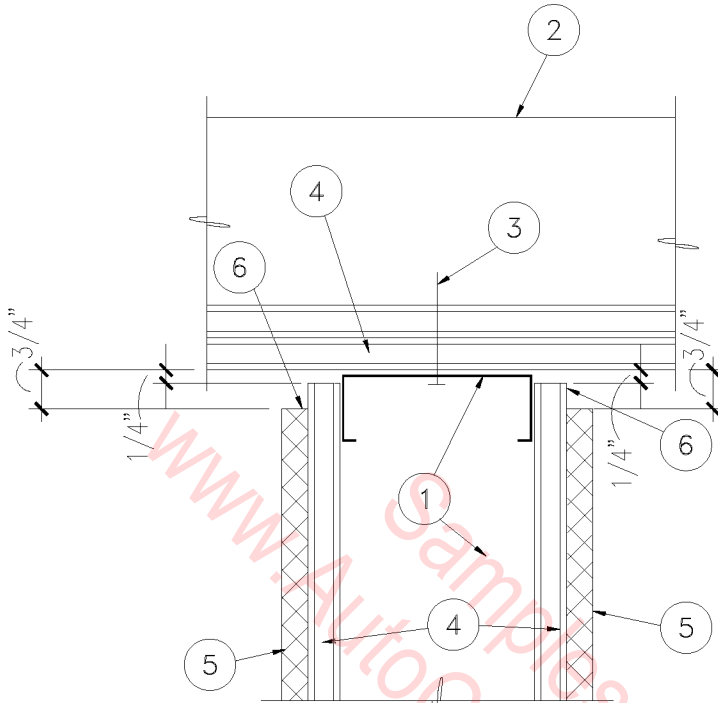
1. MASONRY WALL.
2. CEMENT PLASTER FINISH.
3. 16 GAUGE METAL FRAMING AT 24" O.C. SCREW INTO WALL AT 16" O.C. VERTICALLY.
4. 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, SQUARE EDGED, BOTH SIDES.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL BOTH SIDES.



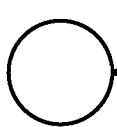
ACOUST. PANELS @ WALL

3" = 1'-0"

09A-5006



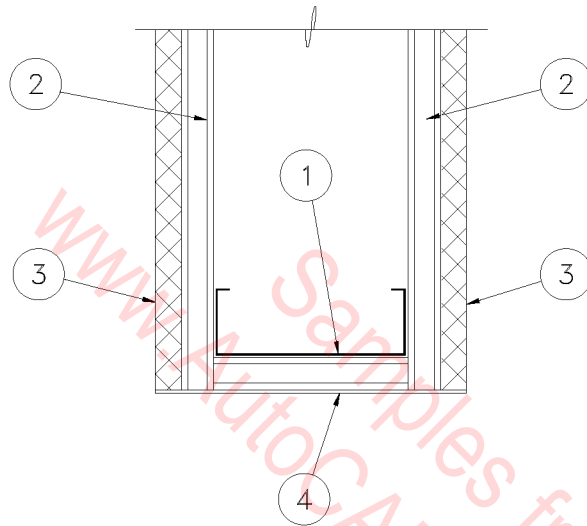
1. 16 GAUGE METAL FRAMING AT 16" O.C.
2. 2 X NAILER AT 16" O.C.
3. #12 X 2" LONG SCREW AT 16" O.C.
4. 5/8" TYPE 'X' GYPSUM BOARD.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL, BOTH SIDES.



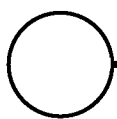
ACOUST. PANELS AT CLG.

3" = 1'-0"

09A-5007



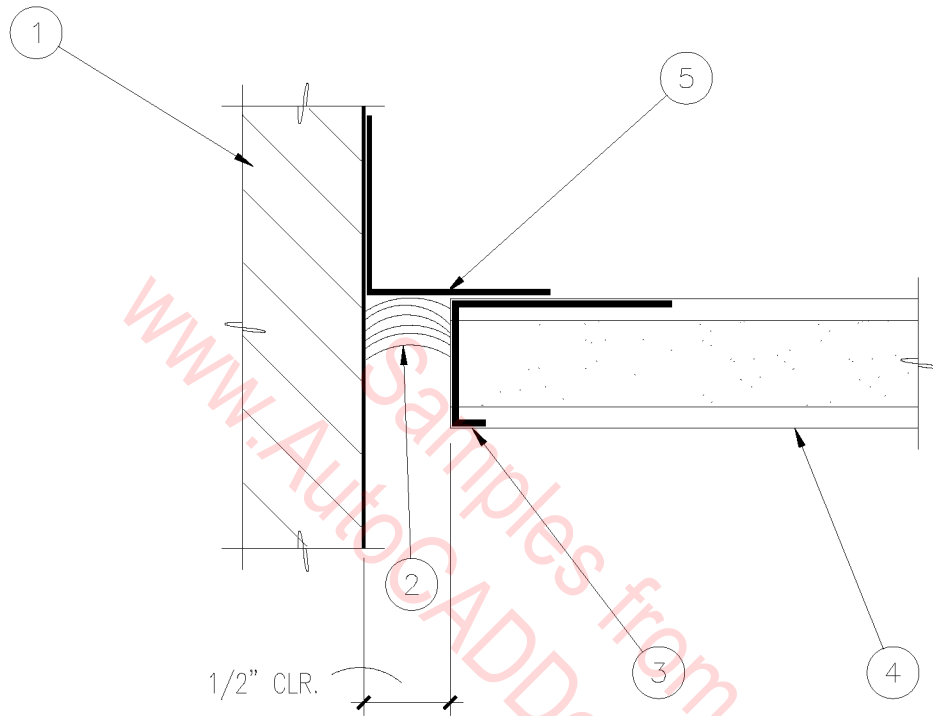
1. 16 GAUGE METAL FRAMING AT 24" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, MITERED EDGE.
4. FABRIC COVERED GYPSUM BOARD TO MATCH ACOUSTICAL PANEL.



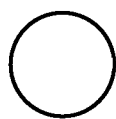
ACOUSTICAL PANEL EDGE

3" = 1'-0"

09A-5008



1. MASONRY WALL.
2. SEALANT.
3. CASING BEAD.
4. 5/8" GYPSUM BOARD CEILING.
5. METAL STUD.

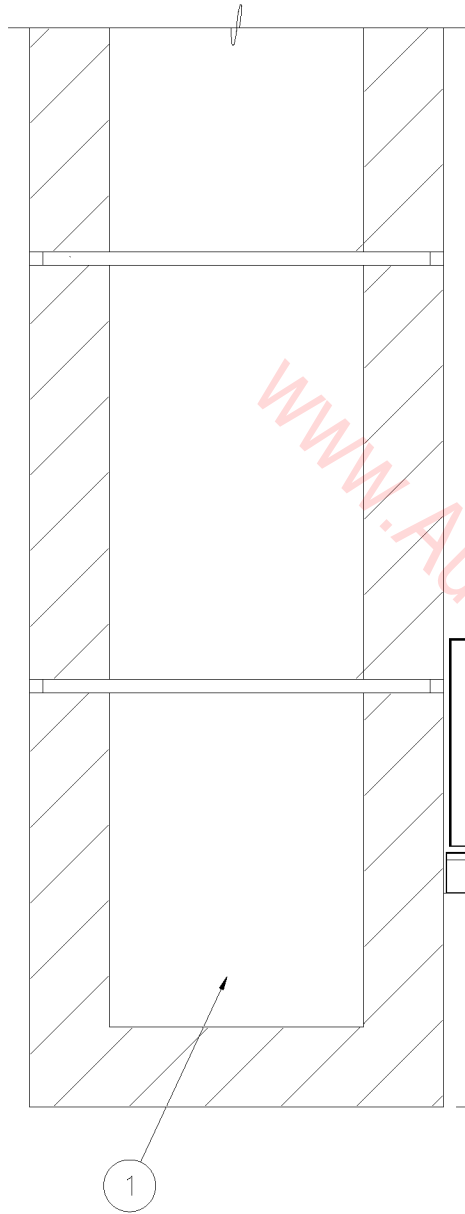


# GYP. BD. SOFFIT REVEAL

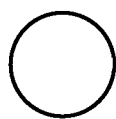
SCALE: 1" = 1"

09A-5009





1. MASONRY WALL.
2. 3/4" CEMENT PLASTER.
3. JOIST.

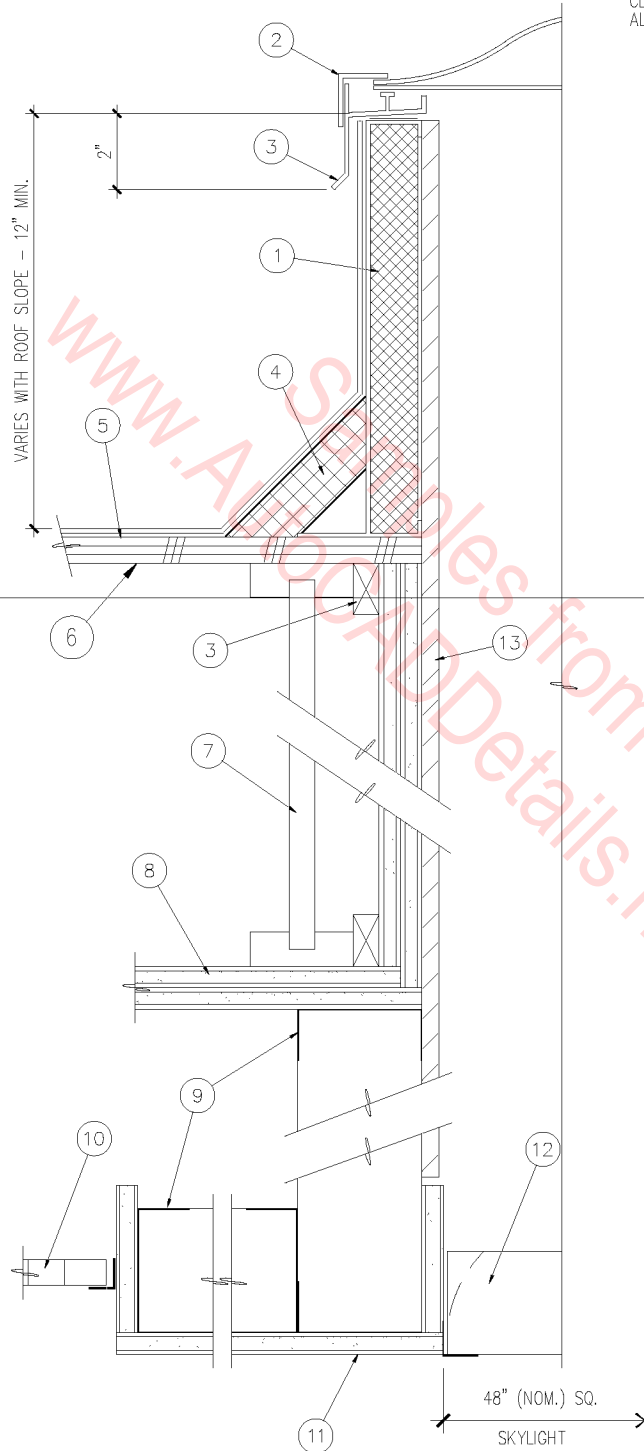


PLASTER SOFFIT

3" = 1'-0"

09A-5010

1. PREFABRICATED EQUIPMENT ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM. TWO LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD WITH ALUMINUM FOIL BOTH SIDES CLEAR SIDE FACING OUT. TAPE ALL CORNERS WITH FOIL TAPE.



FURRED DOWN CEILING  
AT SKYLIGHT WELL

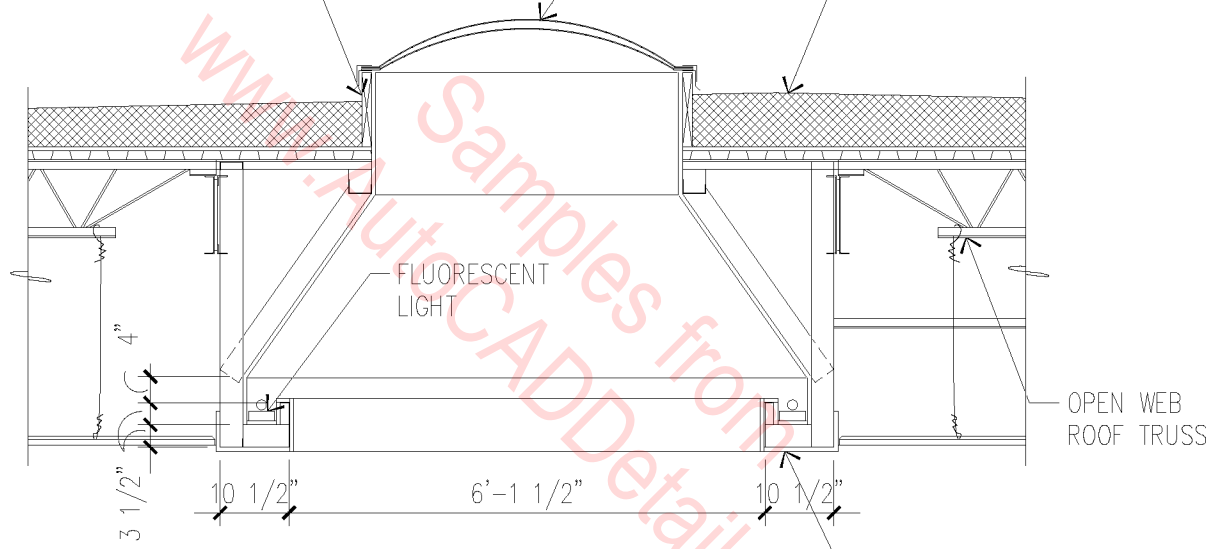
3" = 1'-0"

09A-5011

2 X 12 CONTINUOUS  
SKYLIGHT CURB

48" X 48" DOUBLE  
DOME SKYLIGHT

MODIFIED BITUMEN ROOF  
OVER RIGID INSULATION  
AND 1/2" O.S.B. PLYWOOD



www.AutocADDetails.net  
Samples from  
AutocADDetails.net

FLUORESCENT  
LIGHT

OPEN WEB  
ROOF TRUSS

5/8" GYPSUM BOARD

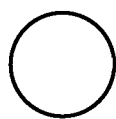
3 1/2"

10 1/2"

6'-1 1/2"

10 1/2"

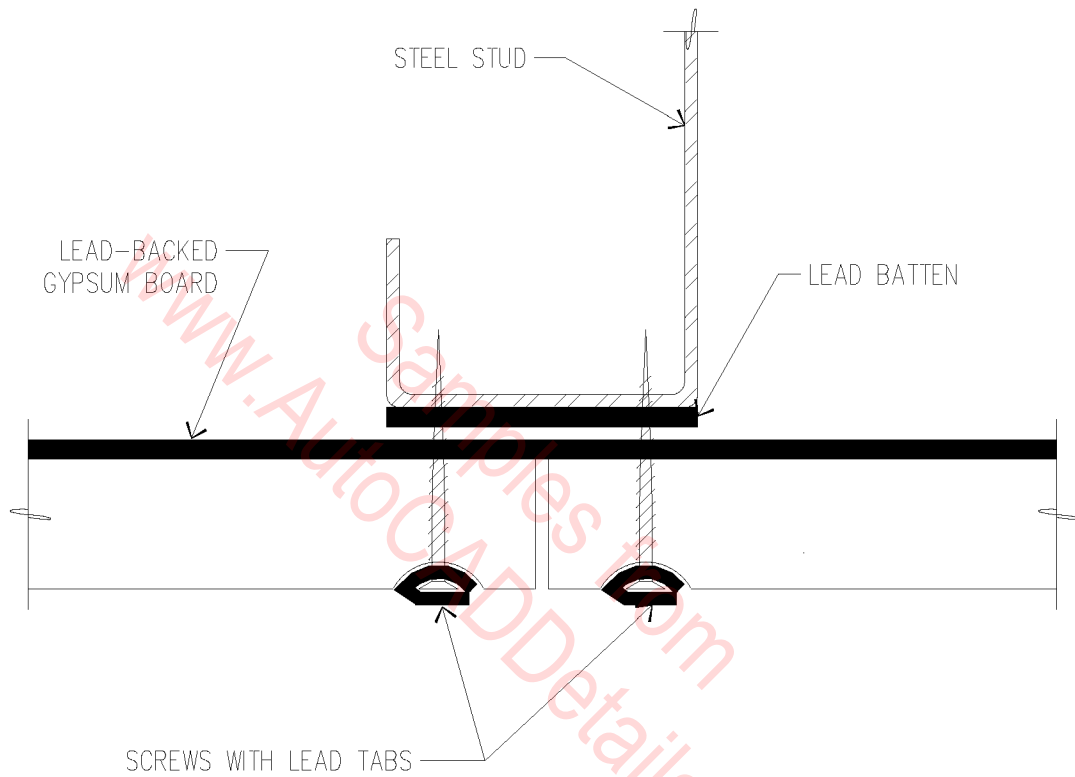
4"



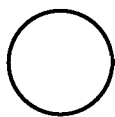
# SKYLIGHT - LIGHT WELL

3/8" = 1'-0"

09A-5012

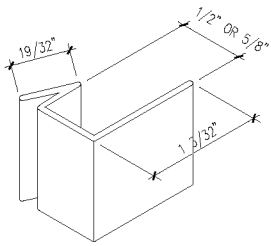


# USING BATTENS & TABS TO STEEL STUDS

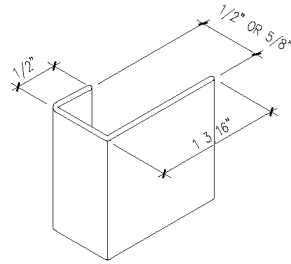


1" = 1"

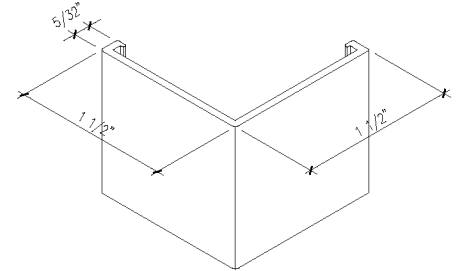
09A-5013



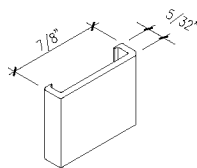
RP-2, RPV-2  
INSIDE CORNER



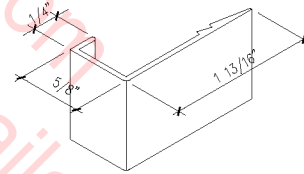
RP-4, RPV-4  
END CAP



RP-5, RPV-5  
SNAP-ON CORNER



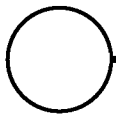
RP-7, RPV-7  
SNAP-ON BATTEN



RP-46, RPV-46  
CEILING  
DRIVE IN TRIM

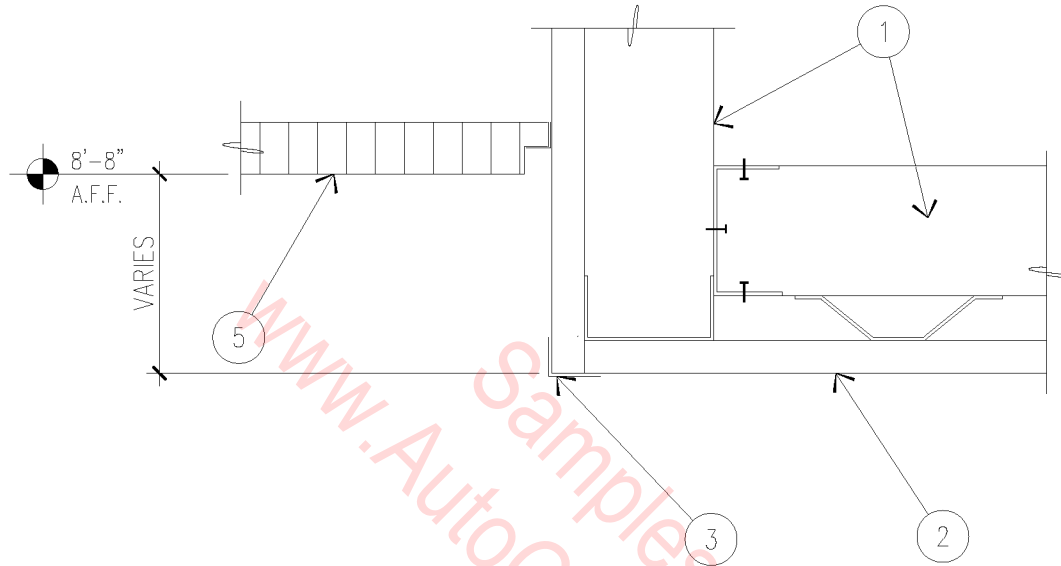
www.AutoCADDetails.net

# DRYWALL BATTEN STRIPS



6" = 1'-0"

09A-5014



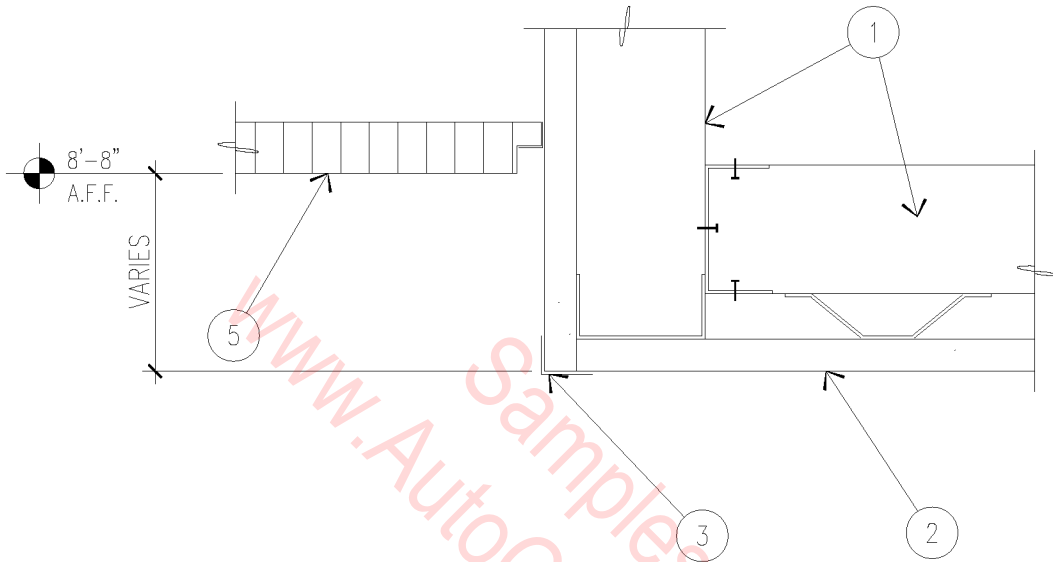
1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.

○
CEILING DETAIL AT SOFFIT

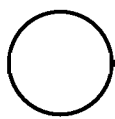
---

3" = 1'-0"

09A-5015



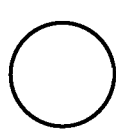
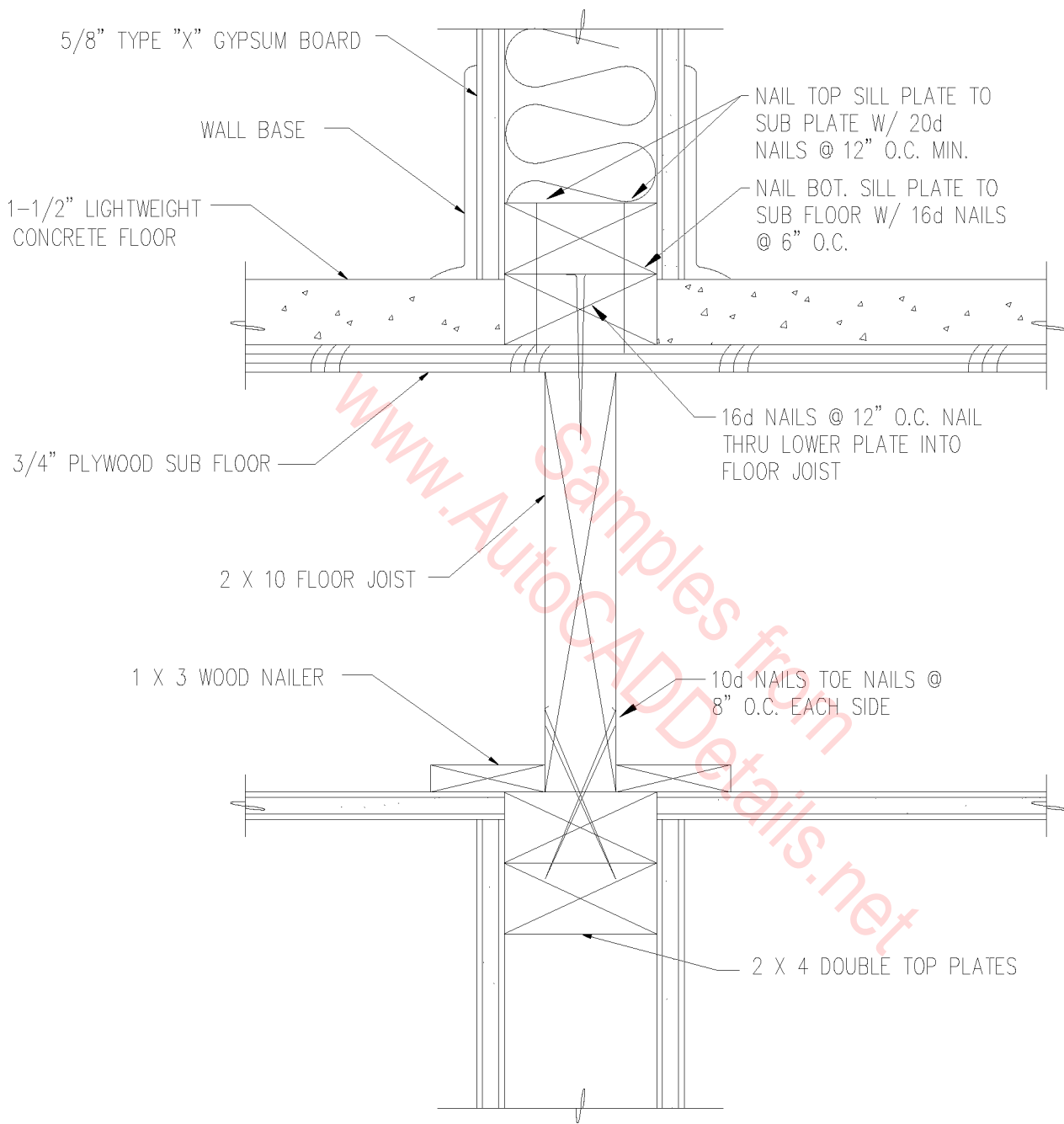
1. 2 1/2" METAL STUD FRAMING AT 24" O.C.
2. 5/8" GYPSUM BOARD ON HAT CHANNEL.
3. "SOFTFORM" EDGE TRIM.
4. SUSPENDED CEILING SYSTEM.



## CEILING DETAIL AT SOFFIT

3" = 1'-0"

09A-5015

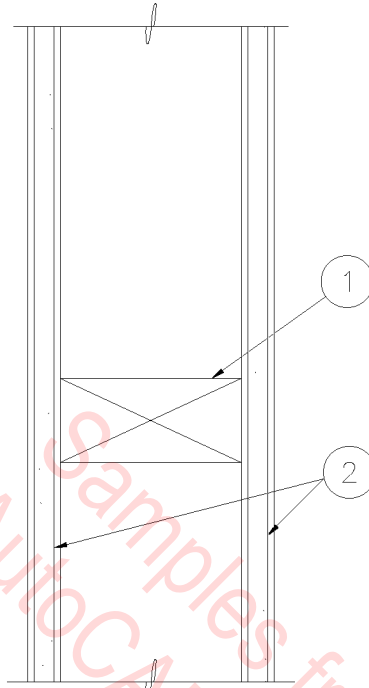


# FLOOR TO WALL DETAIL

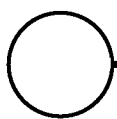
3" = 1'-0"

09A-3001





1. 2"X4" WOOD STUDS @ 16" O.C.
2. 5/8" GYPSUM BOARD BOTH SIDES.

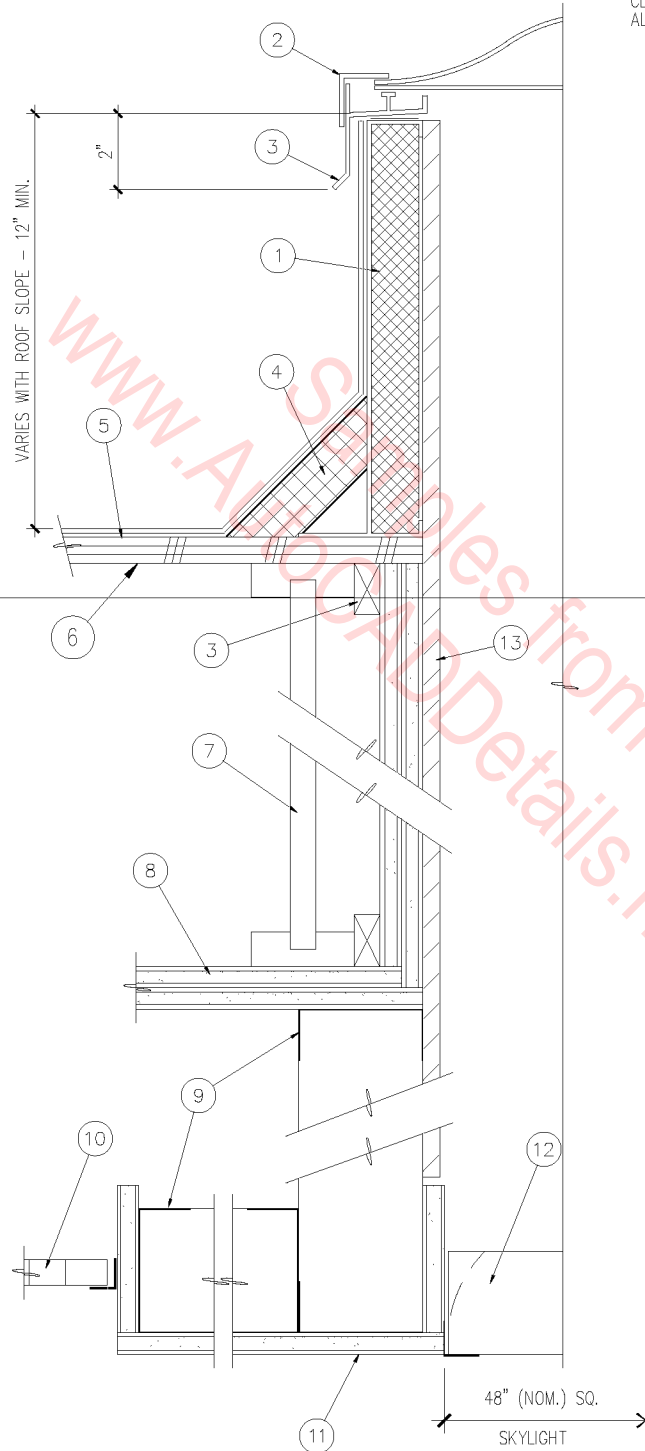


# INTERIOR STUD WALL

3" = 1'-0"

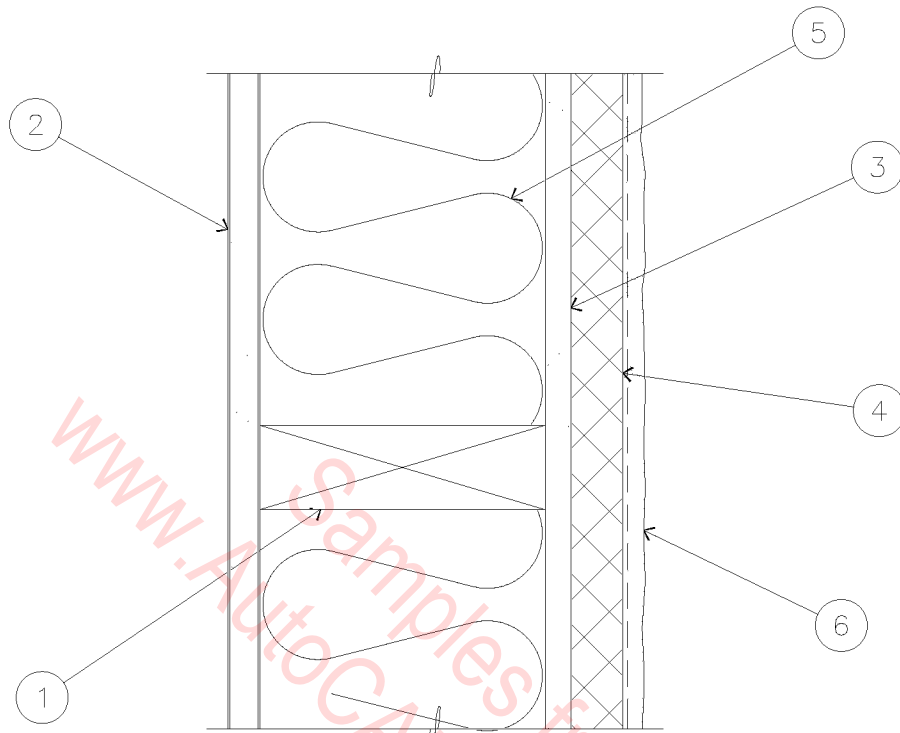
09A-3002

1. PREFABRICATED EQUIPMENT ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM. TWO LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD WITH ALUMINUM FOIL BOTH SIDES CLEAR SIDE FACING OUT. TAPE ALL CORNERS WITH FOIL TAPE.



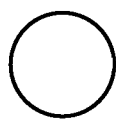
○ SKYLIGHT WELL  
 3" = 1'-0"

09A-3003



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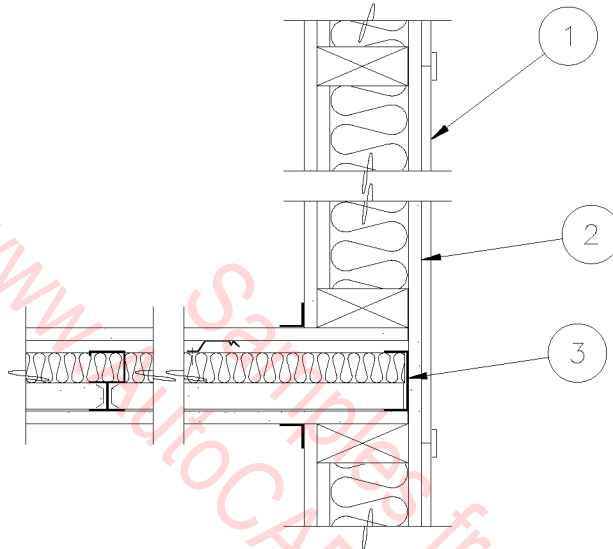
1. 2 X 6 WOOD STUDS @ 16" O.C.
2. 5/8" GYPSUM BOARD.
3. 1/2" GYPSUM SHEATHING.
4. RIGID INSULATION.
5. BATT INSULATION.
6. SYNTHETIC STUCCO FINISH.



# EXTERIOR STUD WALL

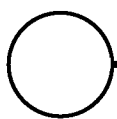
3" = 1'-0"

09A-3004



EXTERIOR WALL INTERSECTION

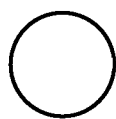
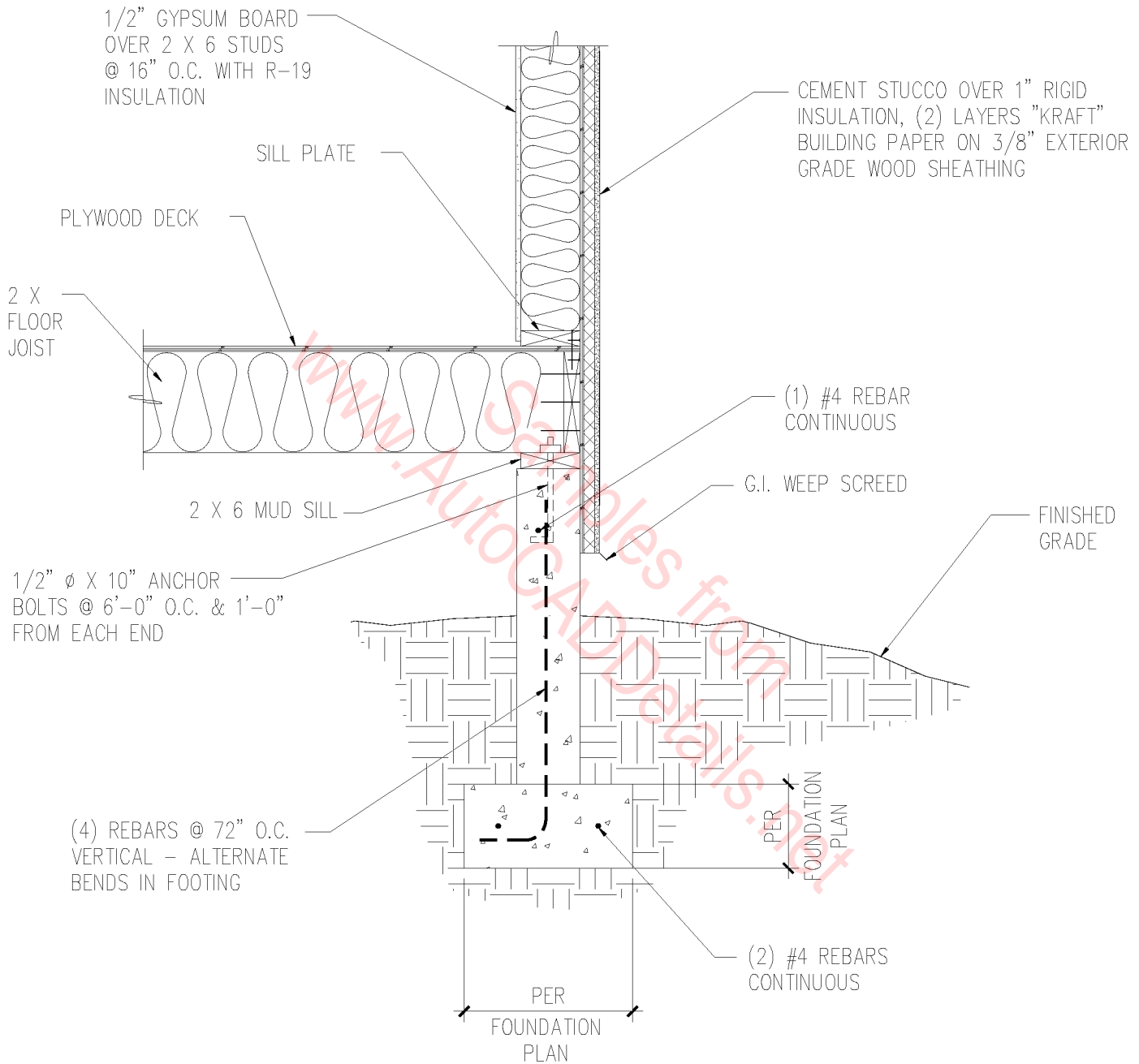
1. EXTERIOR SURFACING.
2. SHEETROCK BRAND GYPSUM SHEATHING.
3. 2 1/2" USG STEEL C-RUNNER.



EXT. WALL INTERSECTION

1-1/2" = 1'-0"

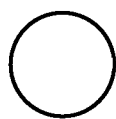
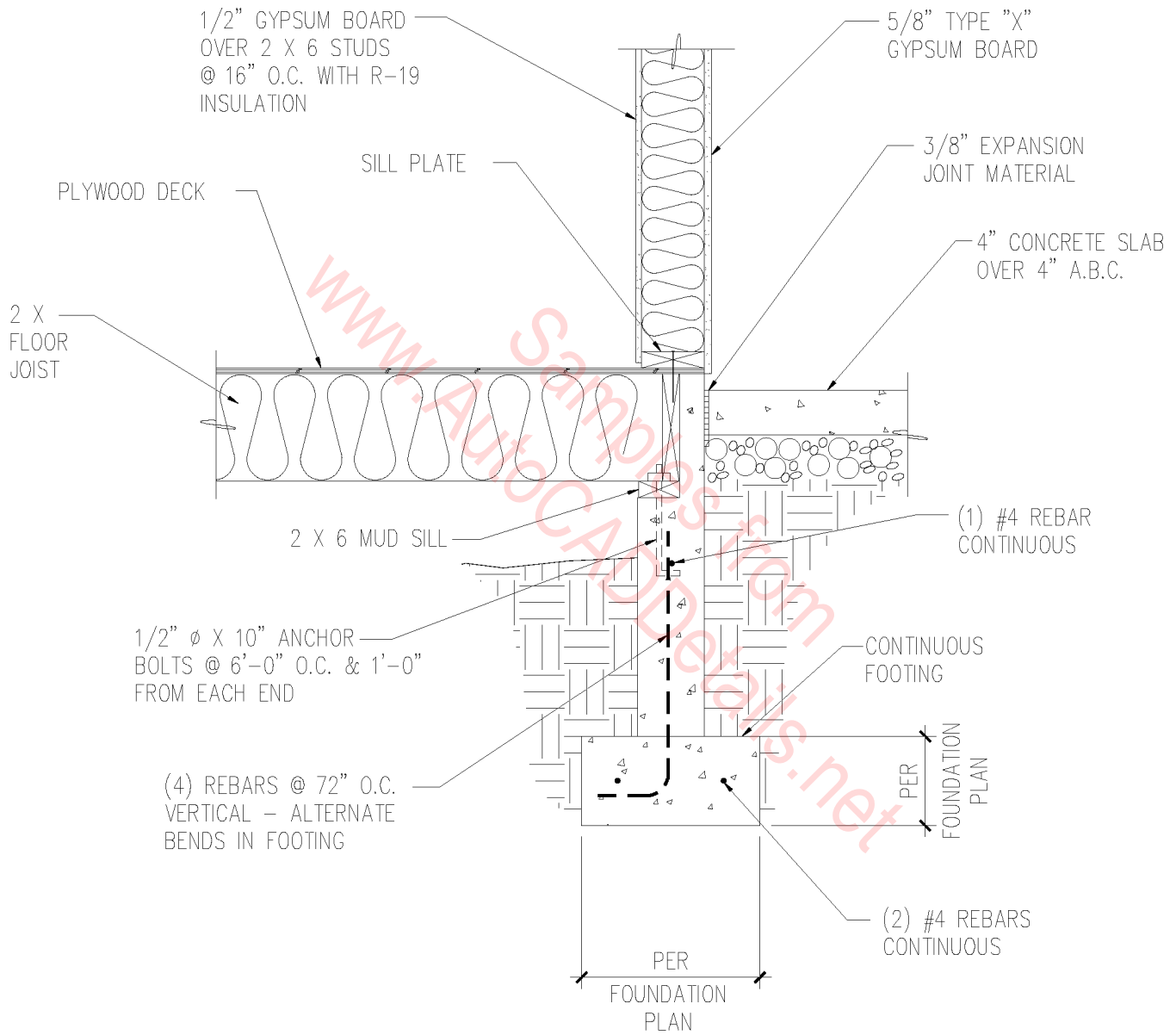
09A-3005



# JOIST BRG. FOUNDATION

3/4" = 1'-0"

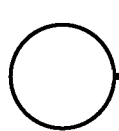
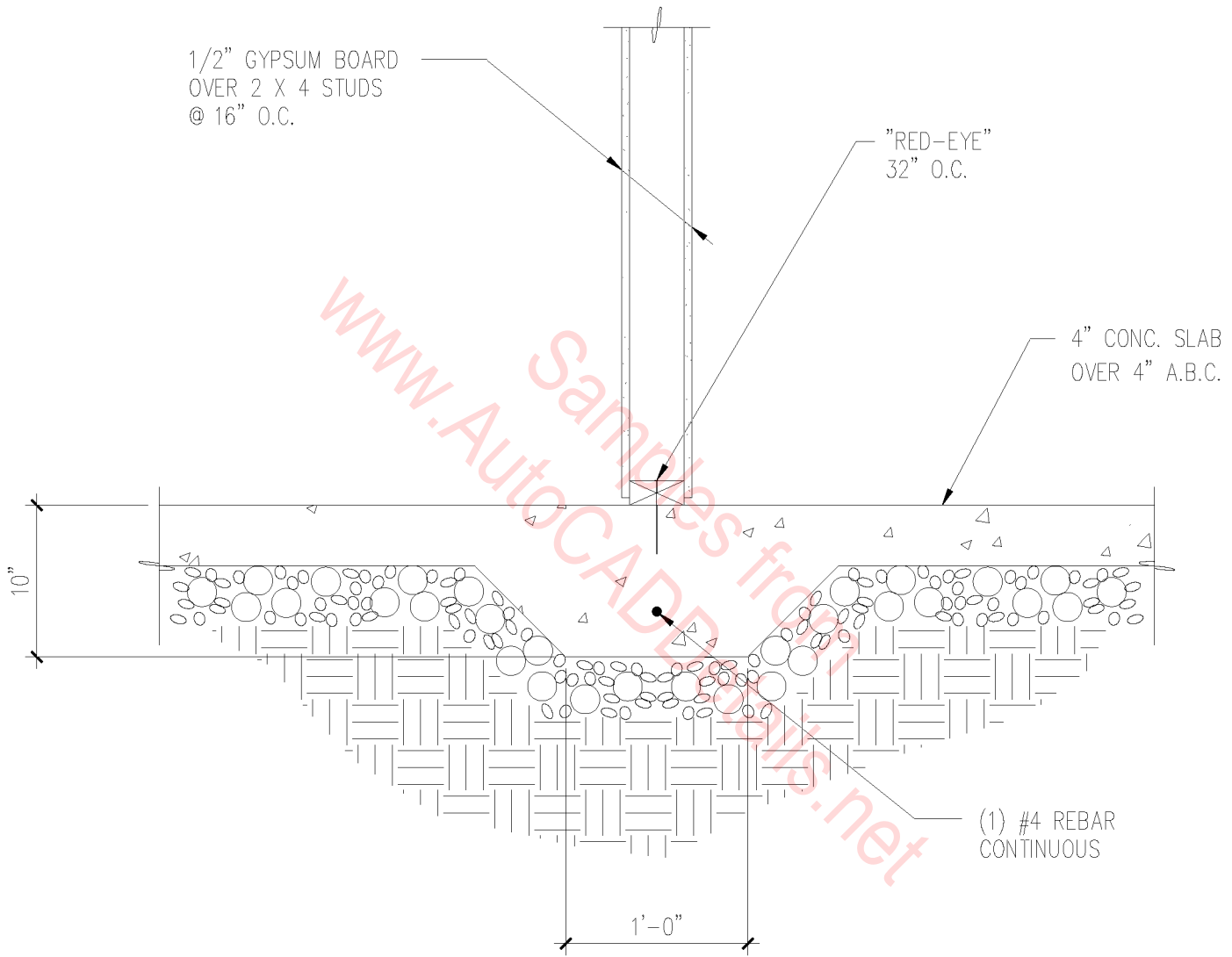
09A-3006



# JOIST BRG. FOUNDATION

3/4" = 1'-0"

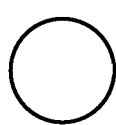
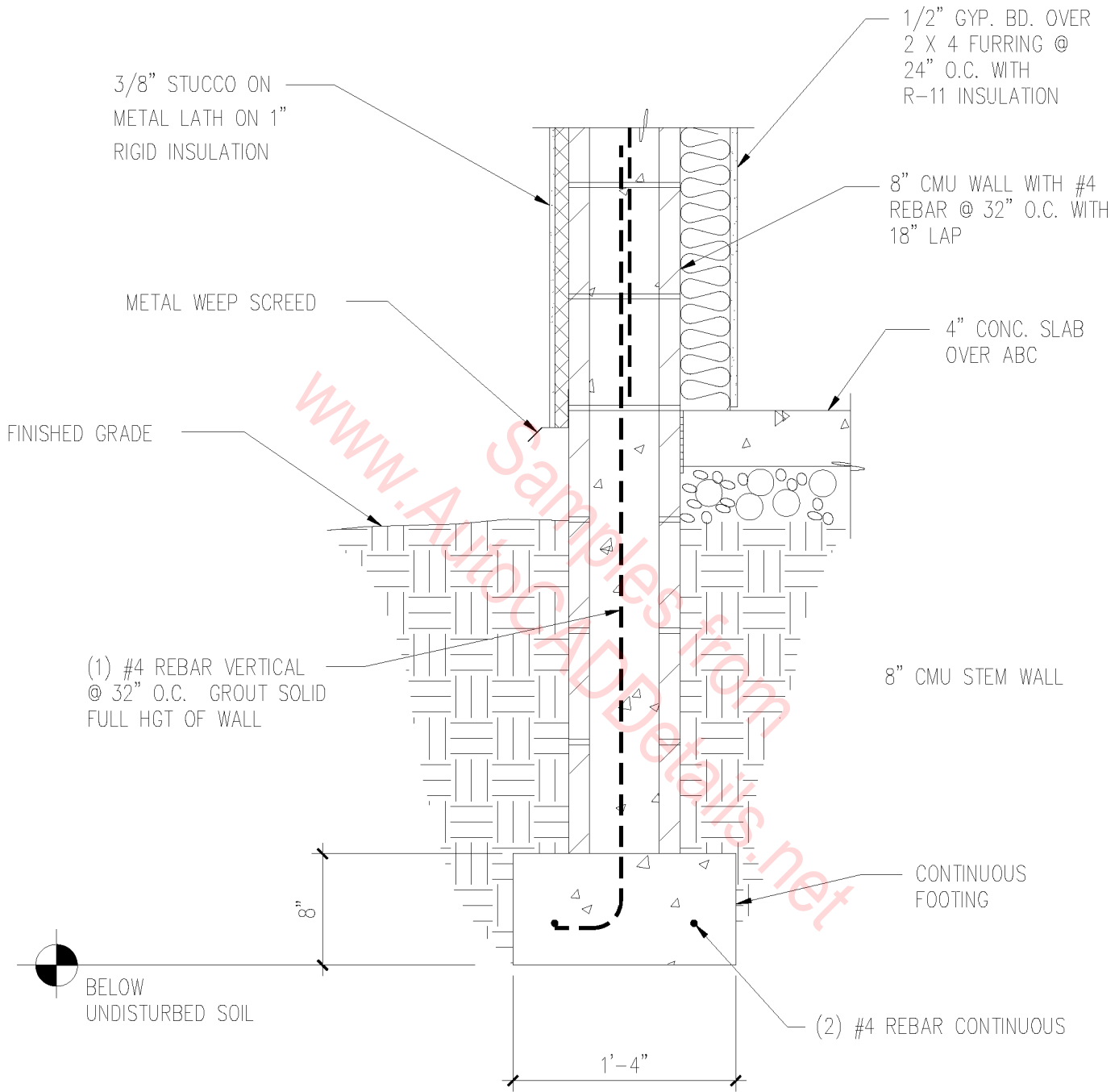
09A-3007



INT. THICKENED SLAB

1" = 1'-0"

09A-3008

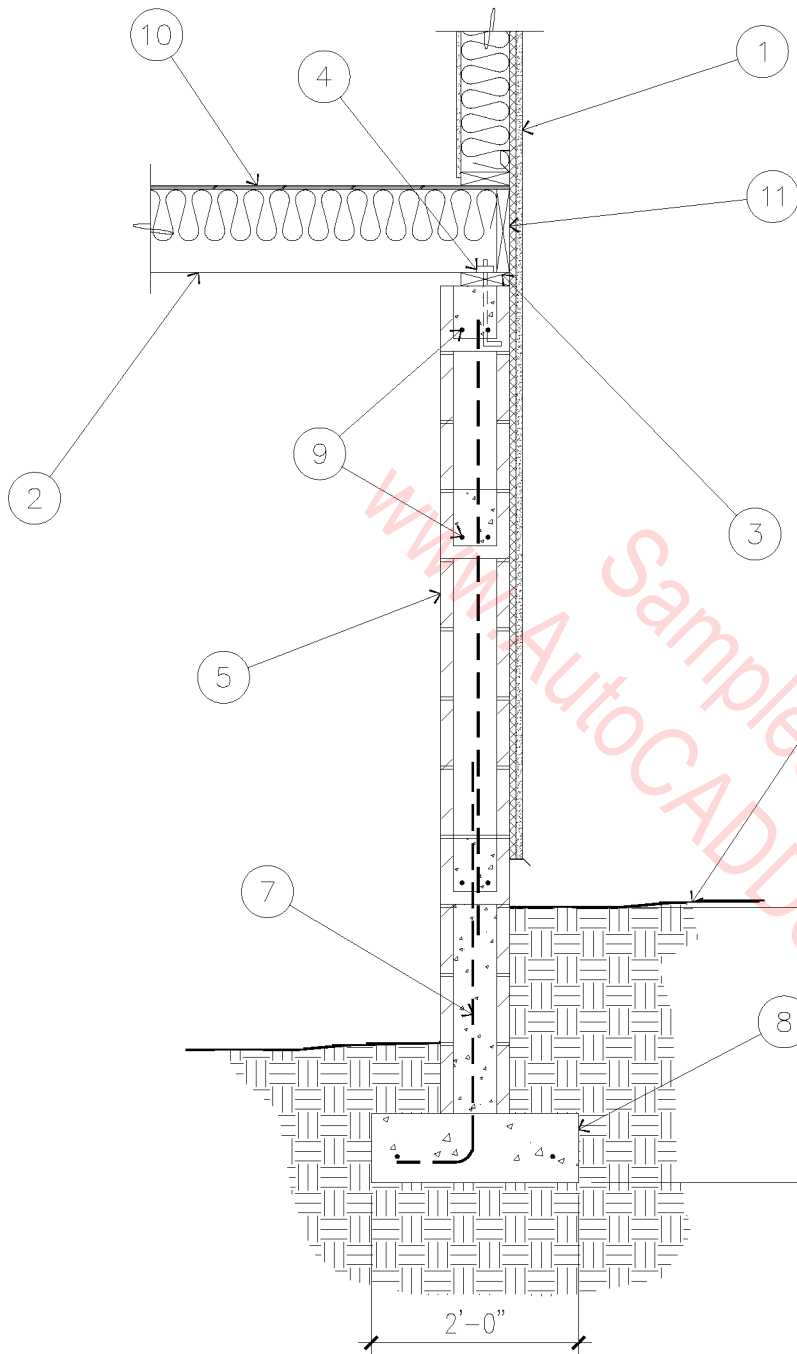


C.M.U. STEM & EXT. WALL

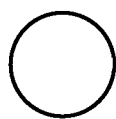
1" = 1'-0"

09A-3009





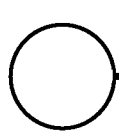
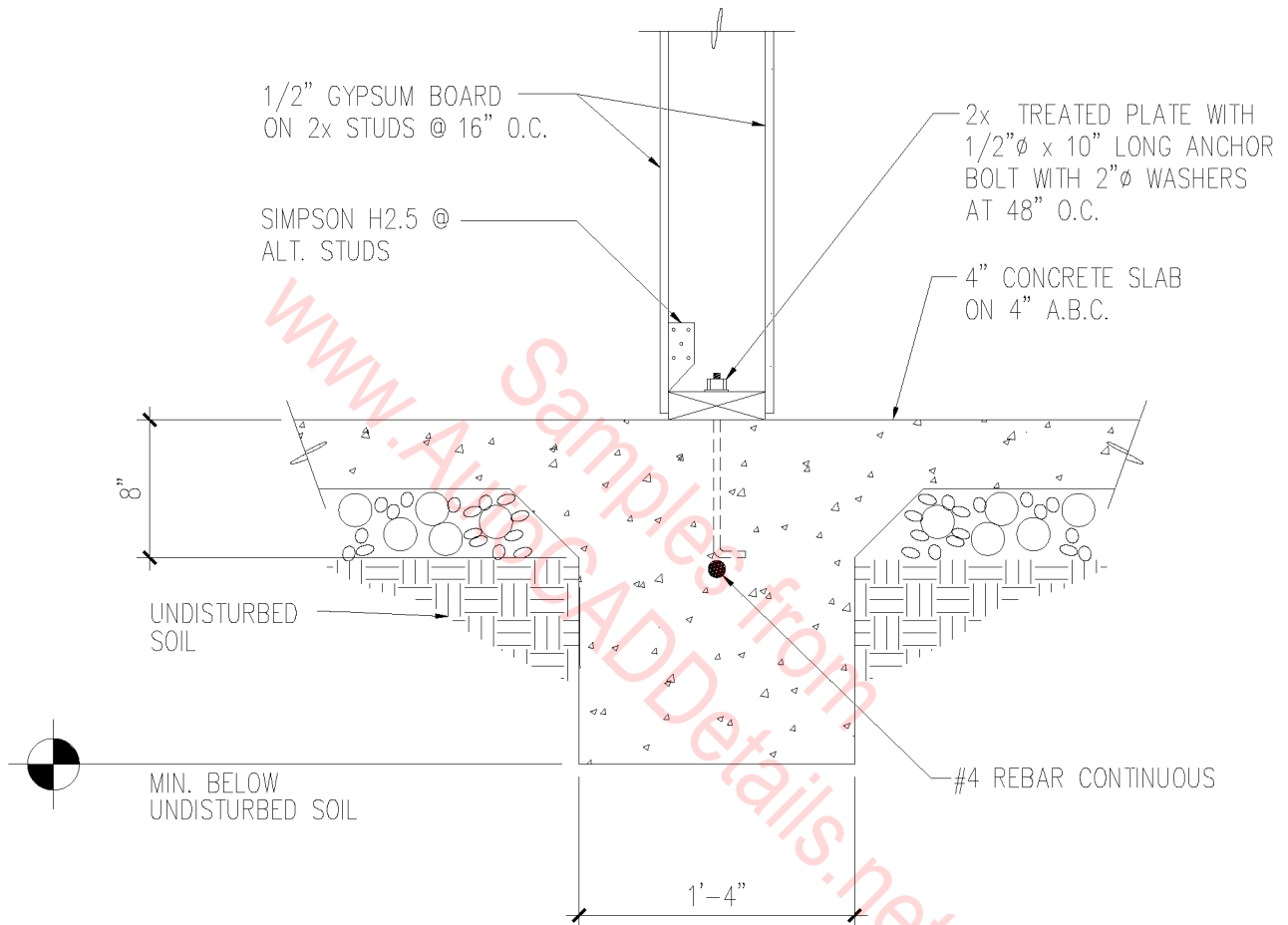
1. 6" EXTERIOR WALL ASSEMBLY.
2. FLOOR JOISTS.
3. 2 X 6 CONTINUOUS SILL PLATE.
4. 1/2"  $\phi$  X 10" ANCHOR BOLTS @ 72" O.C.
5. MASONRY WALL.
6. FINISHED GRADE.
7. #4 REBAR VERTICAL @ 24" O.C. DOWELED INTO FOOTING.
8. CONTINUOUS CONCRETE FOOTING.
9. (2) #4 REBARS IN BOND BEAM.
10. FLOOR DECK.
11. RIM JOIST.



# MASONRY STEM WALL

1/2" = 1'-0"

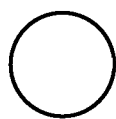
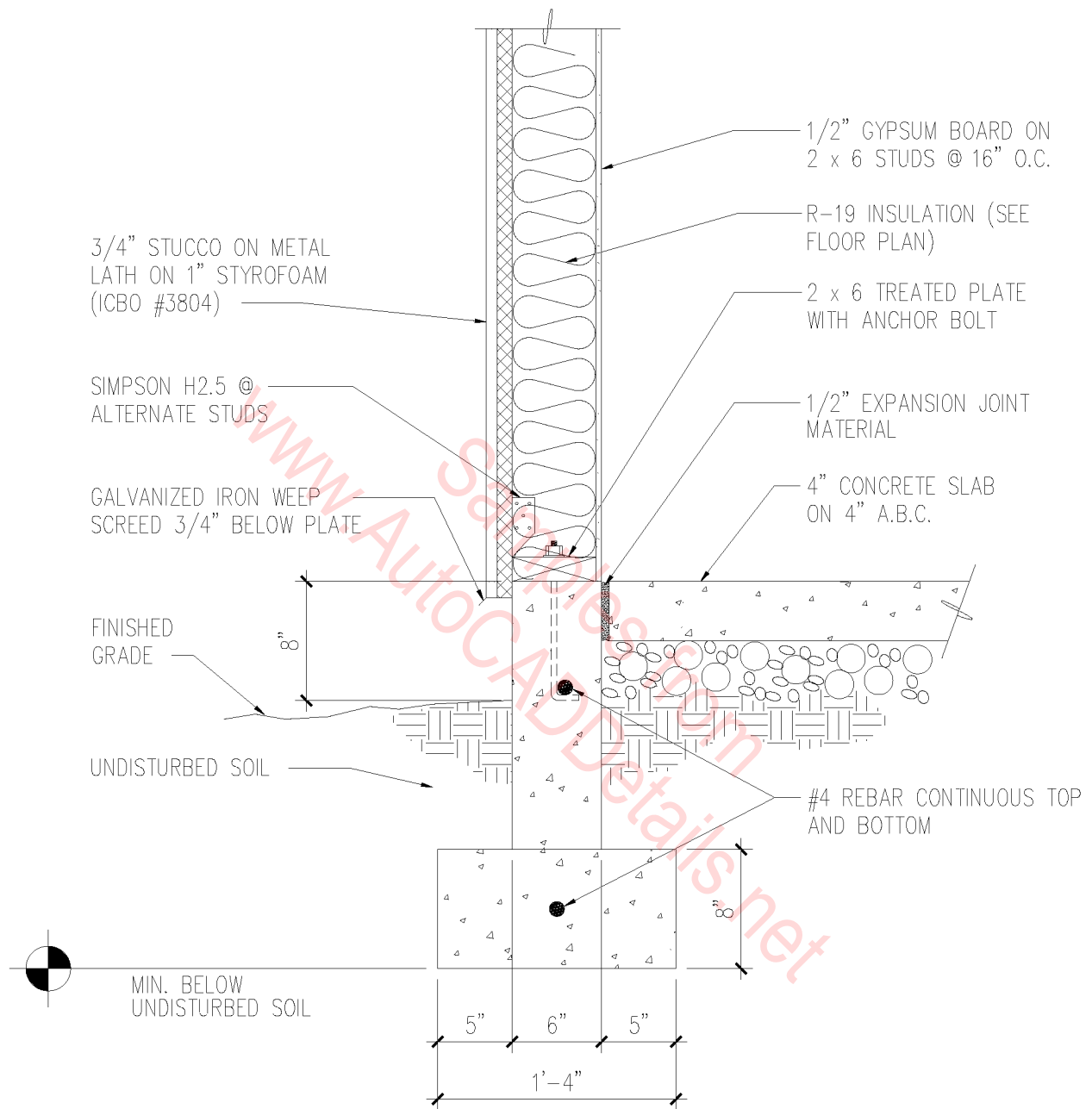
09A-3010



# INT. BEARING FOOTING

1" = 1'-0"

09A-3011



# EXTERIOR FOOTING

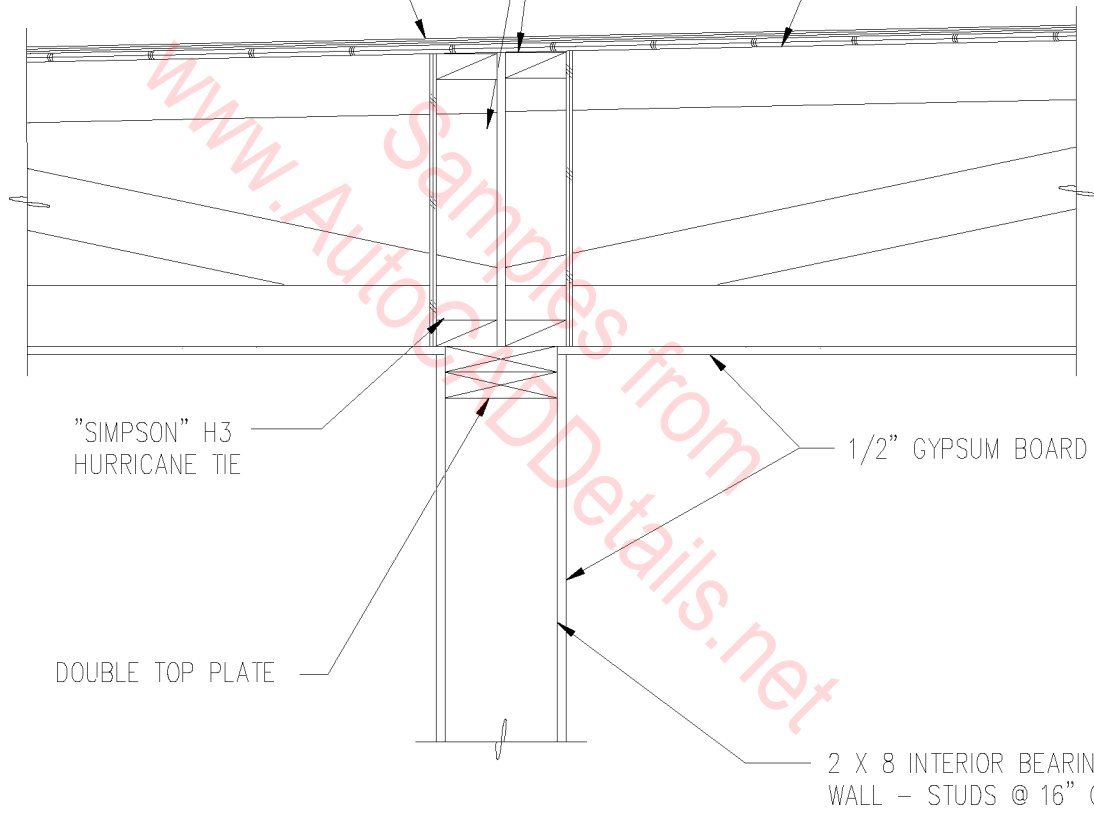
1" = 1'-0"

09A-3012

3 PLY BUILT UP ROOF SYSTEM  
(GAF # N-B-3-C, ICBO #R-1306)  
OVER 1/2" PLYWOOD ROOF DECK  
SEE FRAMING PLAN FOR NAILING  
SCHEDULE

TRUSS CONNECTION  
(SHEAR PANEL)

PREFABRICATED ROOF TRUSS  
SEE FRAMING PLAN AND  
MANUFACTURER'S SHOP  
DRAWINGS

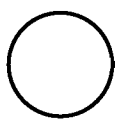


"SIMPSON" H3  
HURRICANE TIE

1/2" GYPSUM BOARD

DOUBLE TOP PLATE

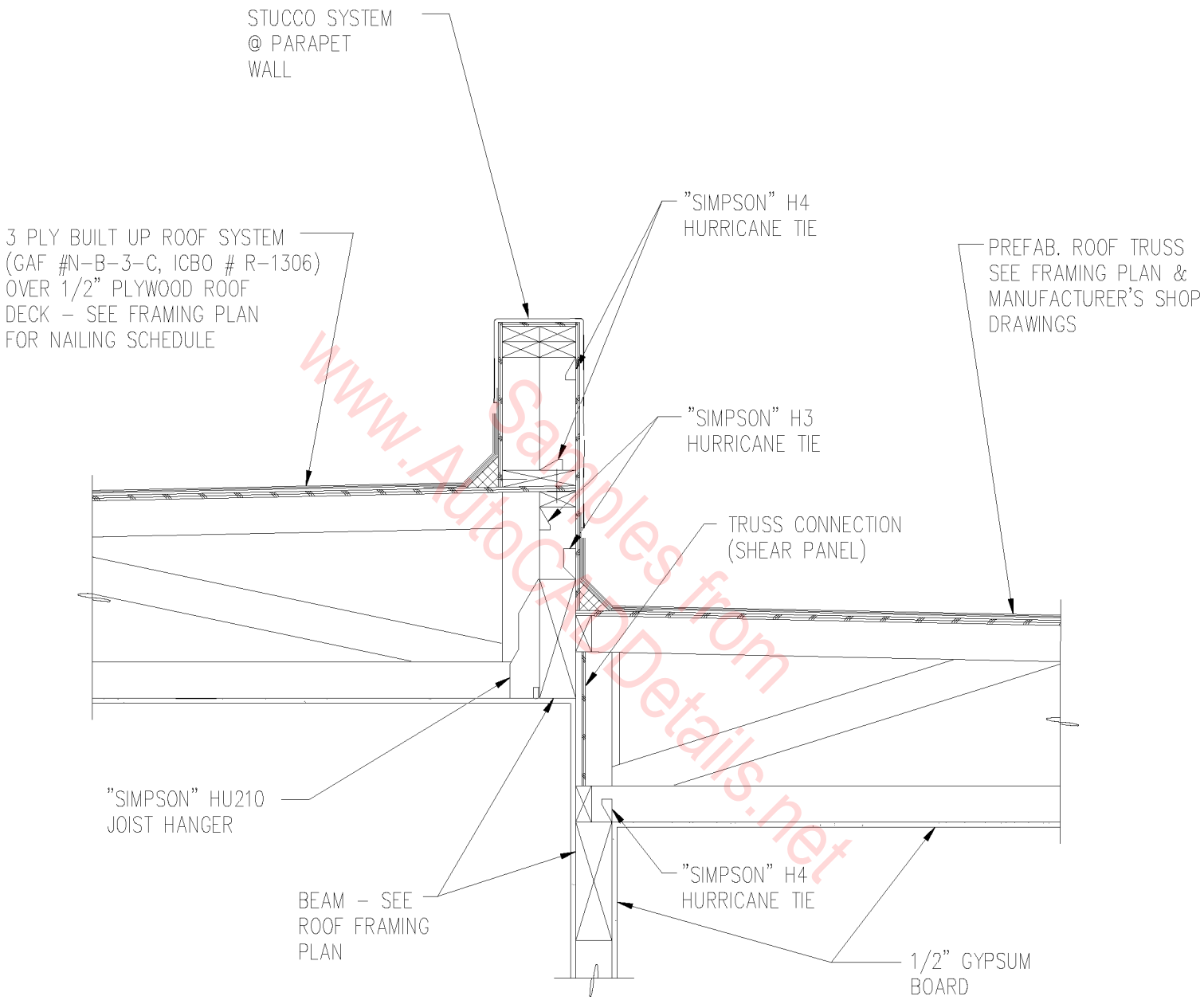
2 X 8 INTERIOR BEARING  
WALL - STUDS @ 16" O.C.



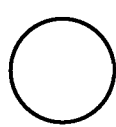
## SEATED TRUSSES

1" = 1'-0"

09A-3013



www.AutocADDetails.net



# ROOF SLOPE CHANGE

3/4" = 1'-0"

09A-3014

2 X 10 "LET-IN"  
LEDGER WITH (3)  
16d NAILS @  
EVERY STUD

"SIMPSON"  
A-35 CLIP

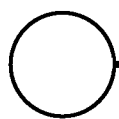
2 X 6 STUDS  
@ 16" O.C.

"SIMPSON" SUR/L24  
SKEWED JOIST  
HANGER

PREFAB. TRUSS  
SEE MFR. SHOP  
DRAWINGS

1/2" GYPSUM  
BOARD

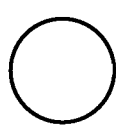
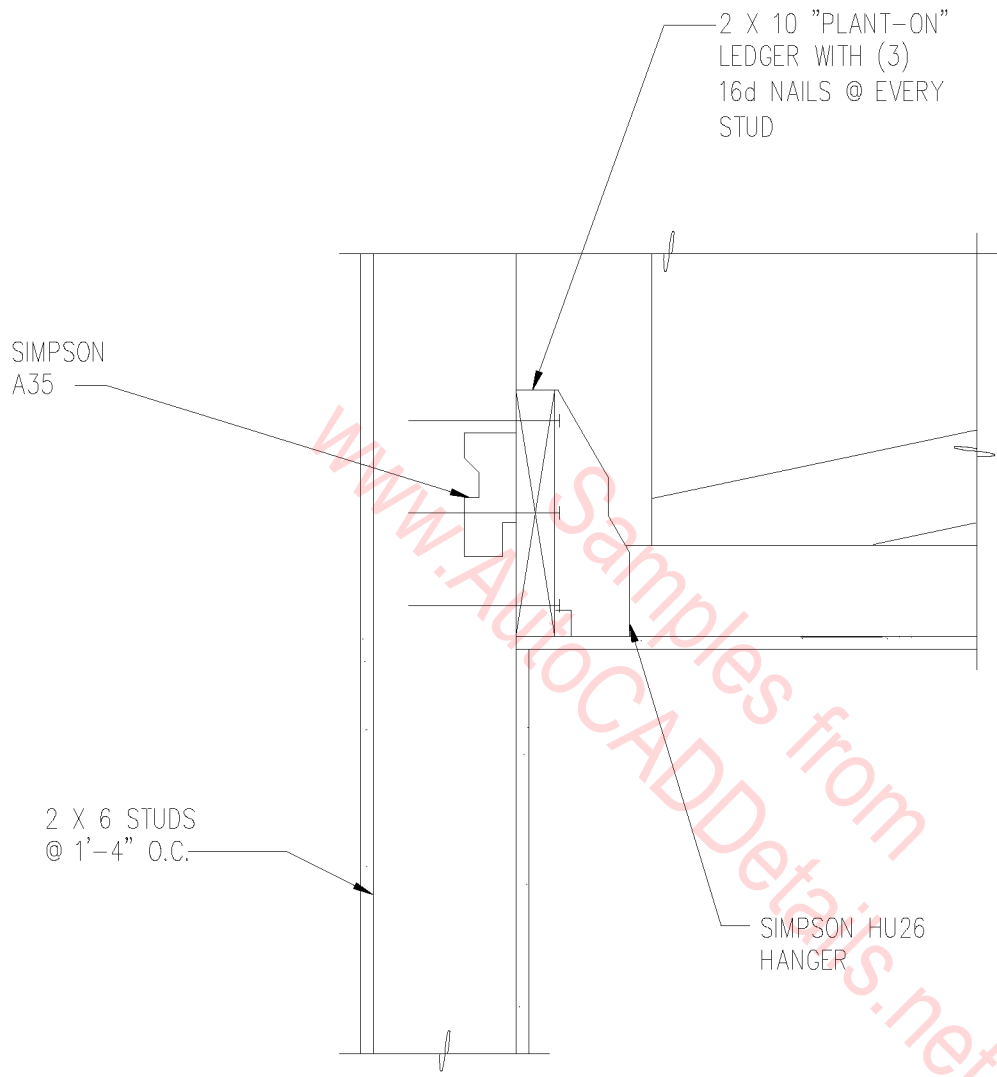
www.AutocADDetails.net



# LET-IN LEDGER

1 1/2" = 1'-0"

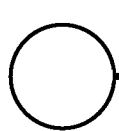
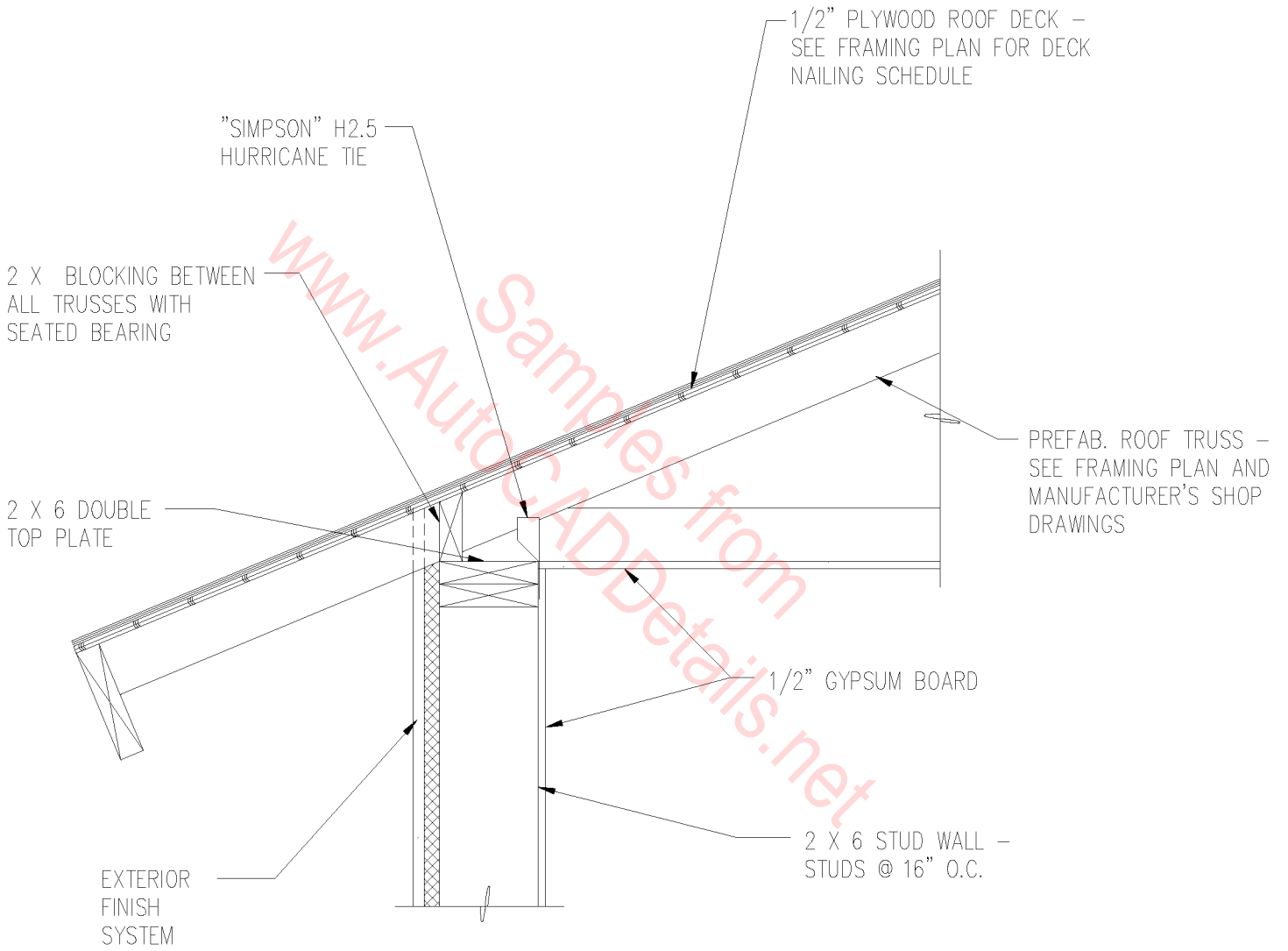
09A-3015



PLANT ON LEDGER

1 1/2" = 1'-0"

09A-3016



# END BEARING TRUSS

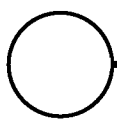
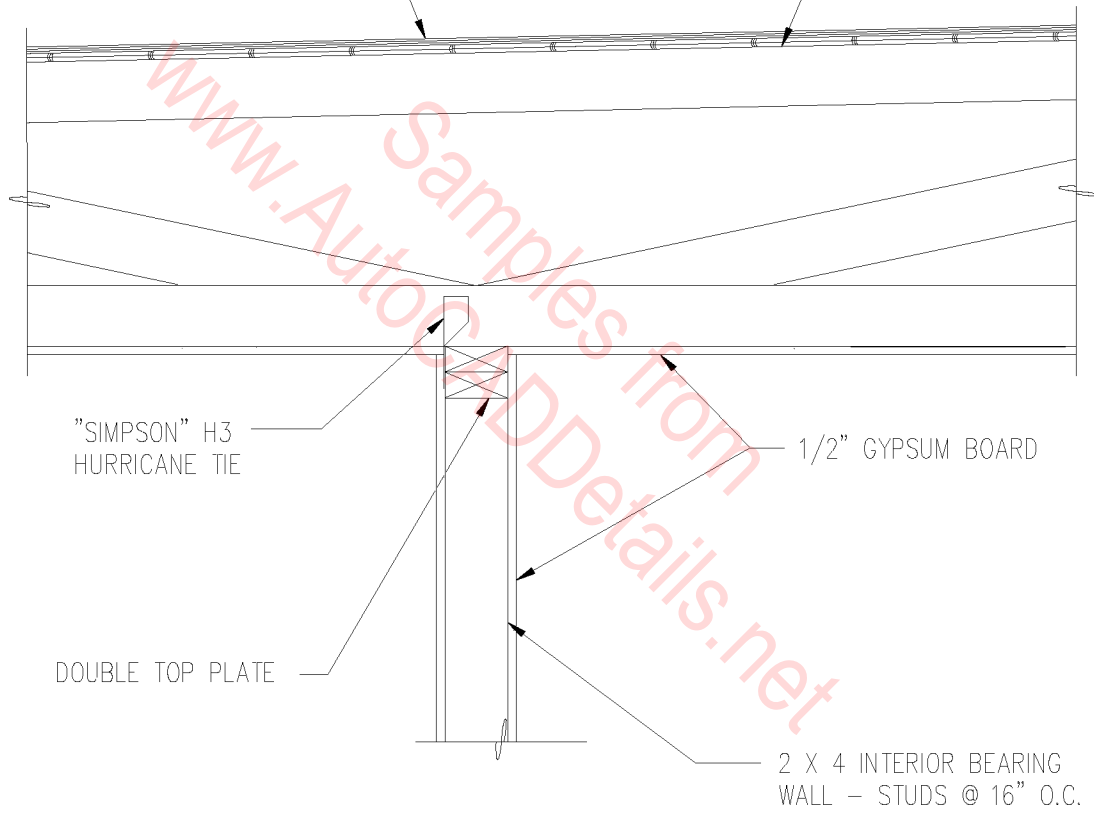
1" = 1'-0"

09A-3017



3 PLY BUILT UP ROOF SYSTEM  
(GAF # N-B-3-C, ICBO #R-1306)  
OVER 1/2" PLYWOOD ROOF DECK  
SEE FRAMING PLAN FOR NAILING  
SCHEDULE

PREFABRICATED ROOF TRUSS  
SEE FRAMING PLAN AND  
MANUFACTURER'S SHOP  
DRAWINGS

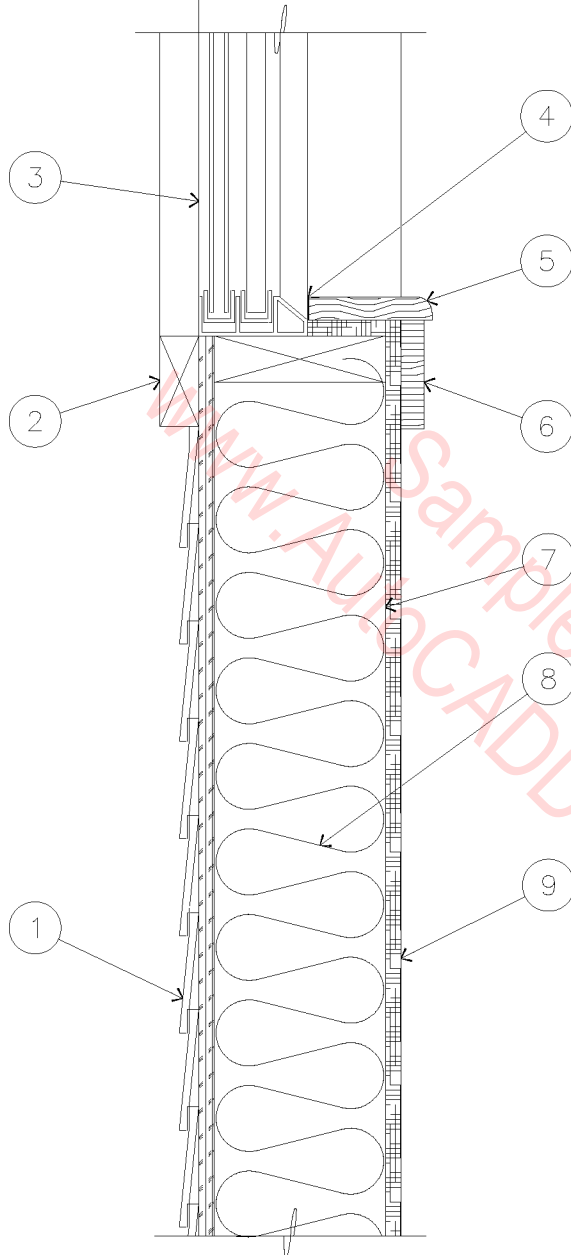


## SEATED TRUSSES

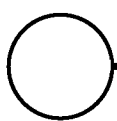
1" = 1'-0"

09A-3018

← EXTERIOR INTERIOR →



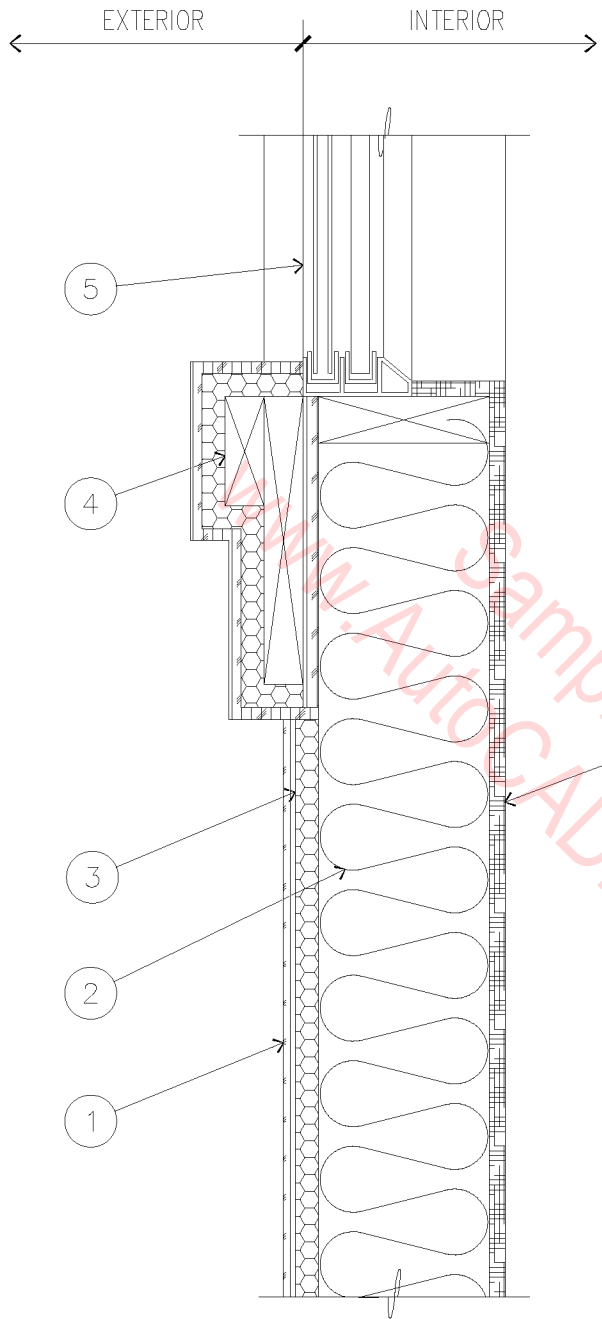
1. 8" HARDBOARD LAP SIDING - COLORLOCK OR EQUAL.
2. 5/4" X 3 1/2" HARDBOARD TRIM - PAINTED.
3. WINDOW WITH 'L' FLASHING AT TOP (TYP.) - SEE WINDOW SCHEDULE.
4. CAULKING.
5. WOOD SILL - PAINTED.
6. 1 X 4 TRIM - PAINTED.
7. 2 X 6 STUD WALL @ 16" O.C.
8. R-19 FIBERGLASS INSULATION.
9. 1/2" GYPSUM BOARD.



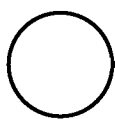
MDF WINDOW SILL

1 1/2" = 1'-0"

09A-3019



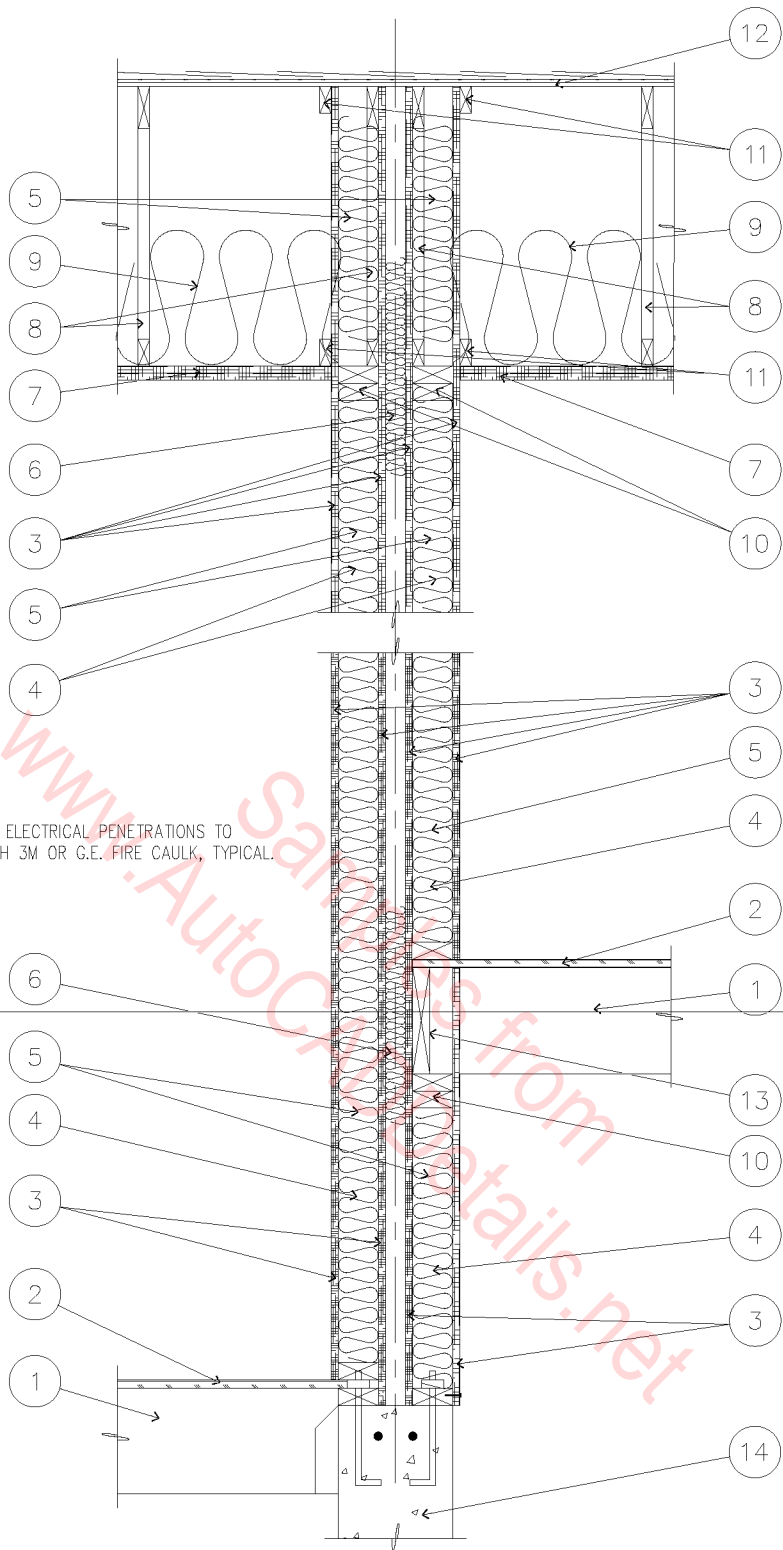
1. SYNTHETIC STUCCO APPLIED TO WIRE MESH, 3/4" R5.4 FOAM AND 3/8" WAFERBOARD SHEATHING - PAINTED.
2. R-19 FIBERGLASS INSULATION.
3. 2 X 6 STUD WALL @ 16" O.C.
4. 5/4" X 3 1/2" ON 5/4" X 9 1/2" HARDBOARD TRIM.
5. WINDOW WITH 'L' FLASHING AT TOP (TYP.) - SEE WINDOW SCHEDULE.
6. 1/2" GYPSUM BOARD.



# STUCCO LEDGE

1 1/2" = 1'-0"

09A-3020



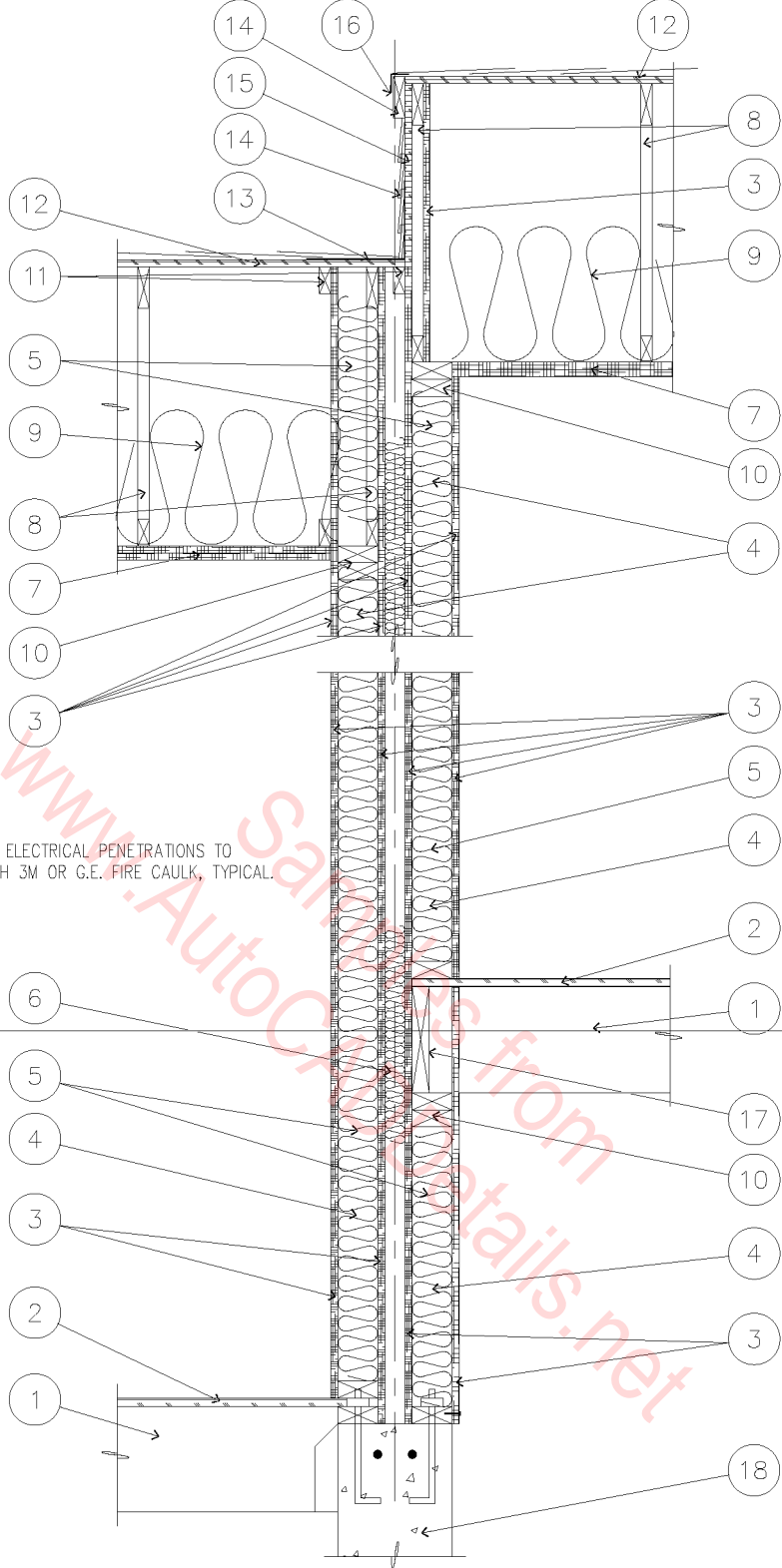
NOTE:  
PLUMBING AND ELECTRICAL PENETRATIONS TO  
BE SEALED WITH 3M OR G.E. FIRE CAULK, TYPICAL.

- |   |   |
|---|---|
| 1. 2 X 10 FLOOR JOISTS @ 16" O.C.                                   | 9. R-30 CEILING INSULATION.   |
| 2. 3/4" A.P.A. RATED FLOOR SHEATHING.                               | 10. (2) 2 X 6'S.  |
| 3. 5/8" TYPE 'X' GYPSUM BOARD.                                      | 11. 2 X BLOCKING.   |
| 4. 2 X 6 STUD WALL @ 16" O.C.                                       | 12. ASPHALT SHINGLES ON (1) LAYER OF #15<br>FELT ON 1/2" A.P.A. RATED ROOF SHEATHING. |
| 5. R-19 FIBERGLASS INSULATION.                                      | 13. 2 X 10 RIM JOIST.   |
| 6. FIRE STOP INSULATION ST, 8" O.C. EACH WAY.                       | 14. 10" CONCRETE STEM WALL.   |
| 7. (2) LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD.                        |   |
| 8. PRE-ENGINEERED, PRE-FABRICATED ROOF<br>TRUSS - SEE FRAMING PLAN. |   |

(2) 1 HOUR AREA  
SEPARATION WALL

1" = 1'-0"

09A-3021



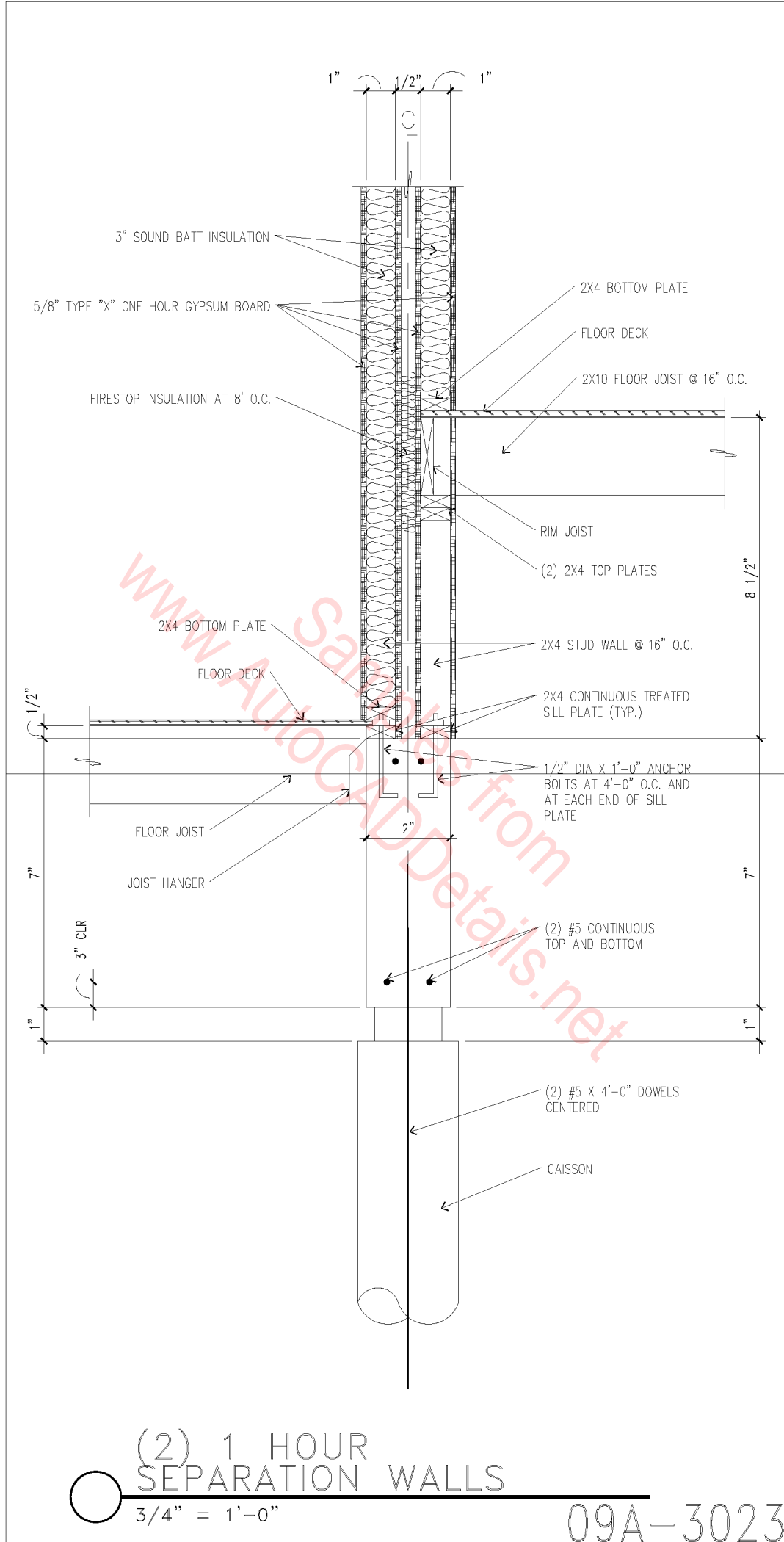
NOTE:  
 PLUMBING AND ELECTRICAL PENETRATIONS TO  
 BE SEALED WITH 3M OR G.E. FIRE CAULK, TYPICAL.

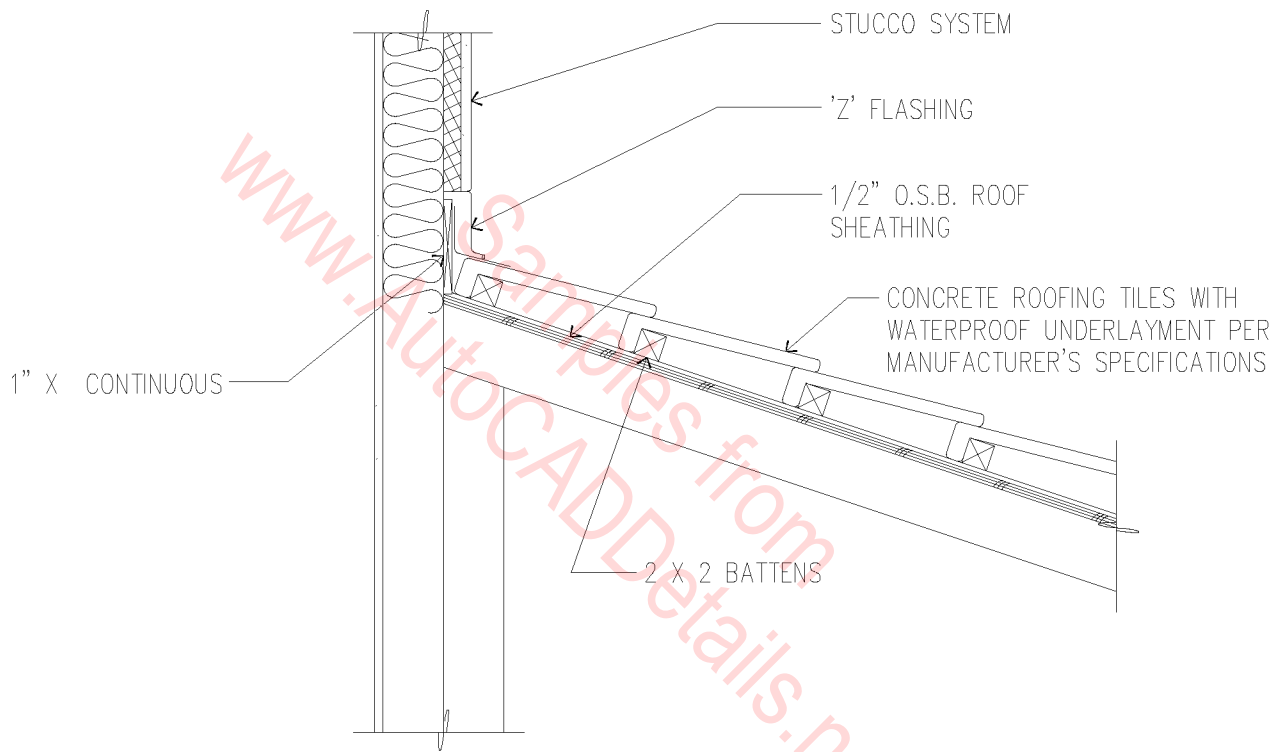
- |   |   |
|---|---|
| 1. 2 X 10 FLOOR JOISTS @ 16" O.C.                                   | 10. (2) 2 X 6'S.  |
| 2. 3/4" A.P.A. RATED FLOOR SHEATHING.                               | 11. 2 X BLOCKING.   |
| 3. 5/8" TYPE 'X' GYPSUM BOARD.                                      | 12. ASPHALT SHINGLES ON (1) LAYER OF #15<br>FELT ON 1/2" A.P.A. RATED ROOF SHEATHING. |
| 4. 2 X 6 STUD WALL @ 16" O.C.                                       | 13. 24 GA. GALVANIZED METAL FLASHING.   |
| 5. R-19 FIBERGLASS INSULATION.                                      | 14. 5/4" X 3 1/2" HARDBOARD TRIM - PAINTED.   |
| 6. FIRE STOP INSULATION ST, 8' O.C. EACH WAY.                       | 15. 1/2" GYPSUM BOARD.  |
| 7. (2) LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD.                        | 16. 24 GA. GALVANIZED METAL DRIP EDGE.  |
| 8. PRE-ENGINEERED, PRE-FABRICATED ROOF<br>TRUSS - SEE FRAMING PLAN. | 17. 2 X 10 RIM JOIST.   |
| 9. R-30 CEILING INSULATION.   | 18. 10" CONCRETE STEM WALL.   |

(2) 1 HOUR AREA  
 SEPARATION WALL

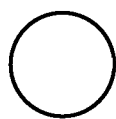
1" = 1'-0"

09A-3022





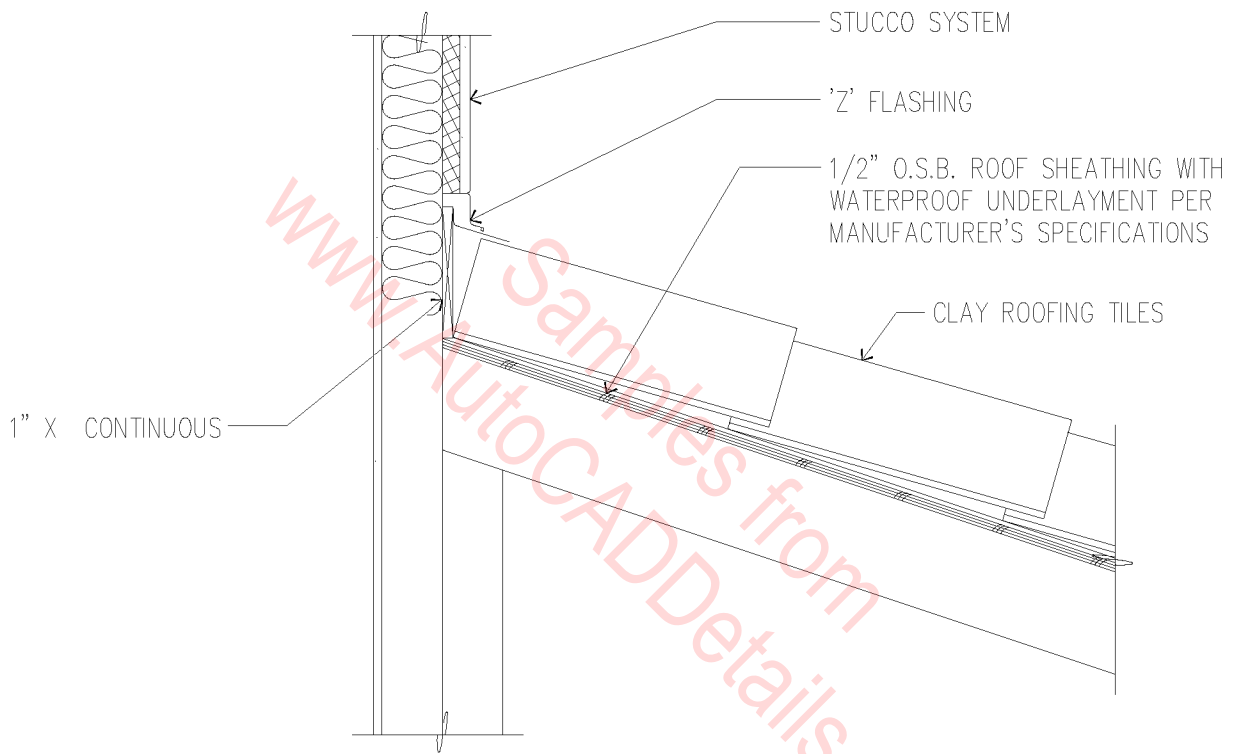
Samples from  
[www.AutocADDetails.net](http://www.AutocADDetails.net)



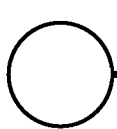
# CONCRETE ROOFING TILES

1" = 1'-0"

09A-3024



www.AutoCADDetails.net  
 Samples from

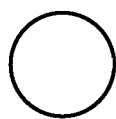
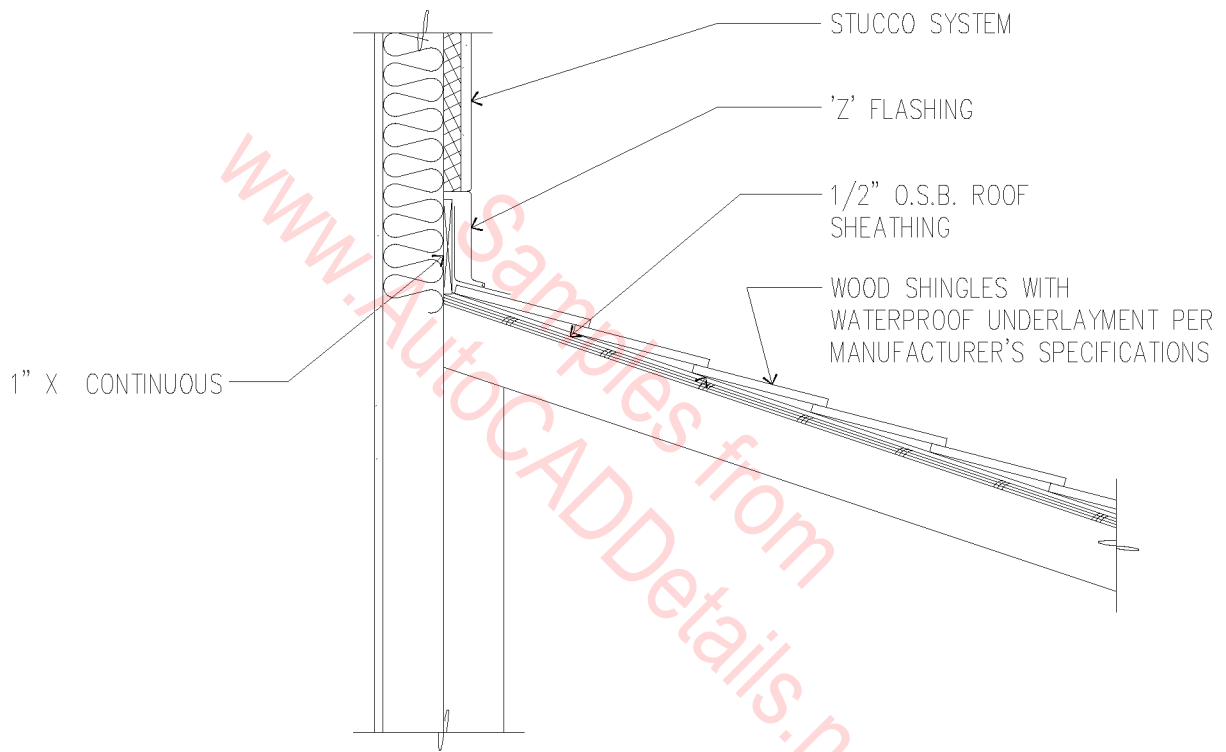


# CLAY ROOFING TILES

1" = 1'-0"

09A-3025

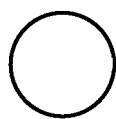
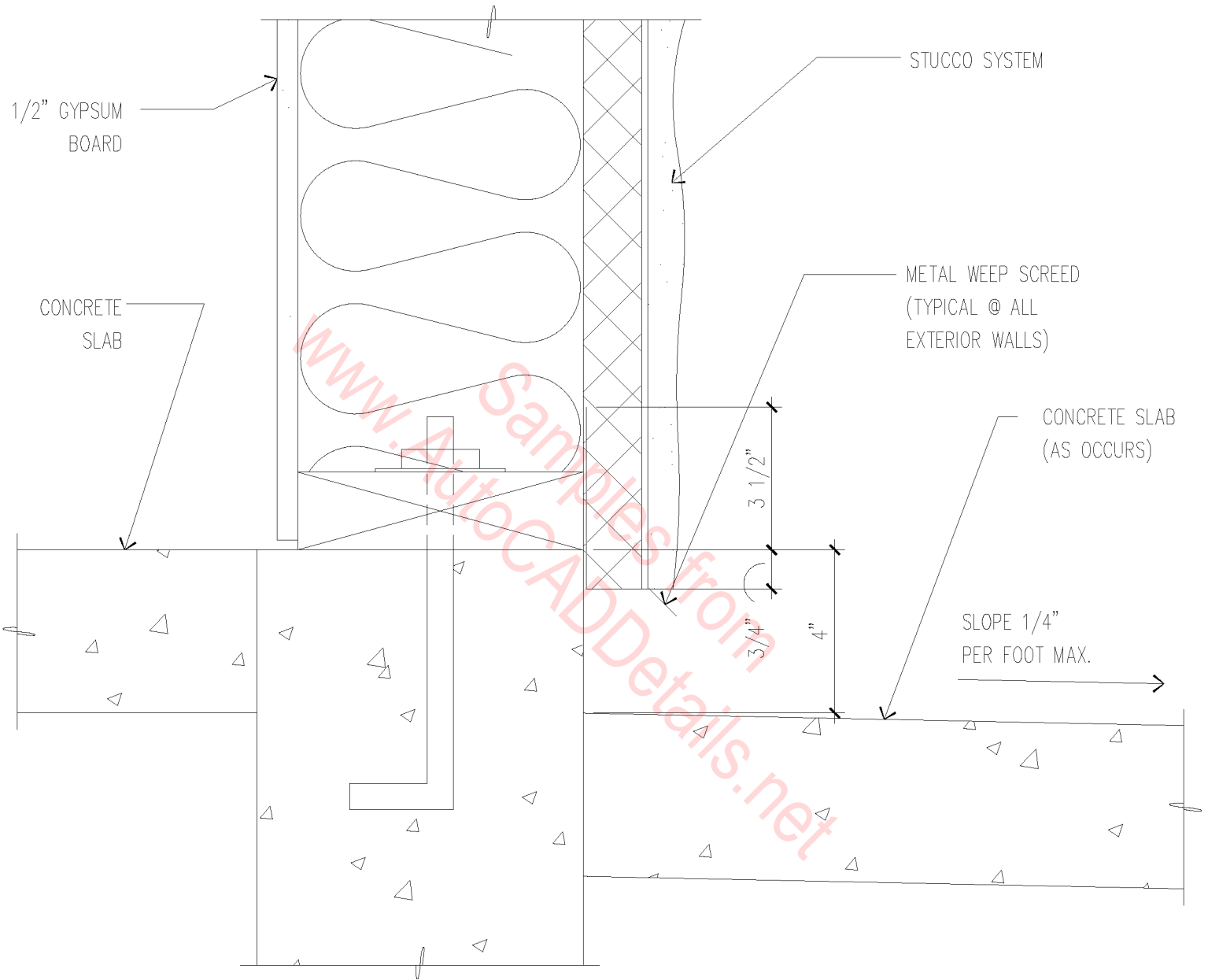




# WOOD ROOFING SHINGLES

1" = 1'-0"

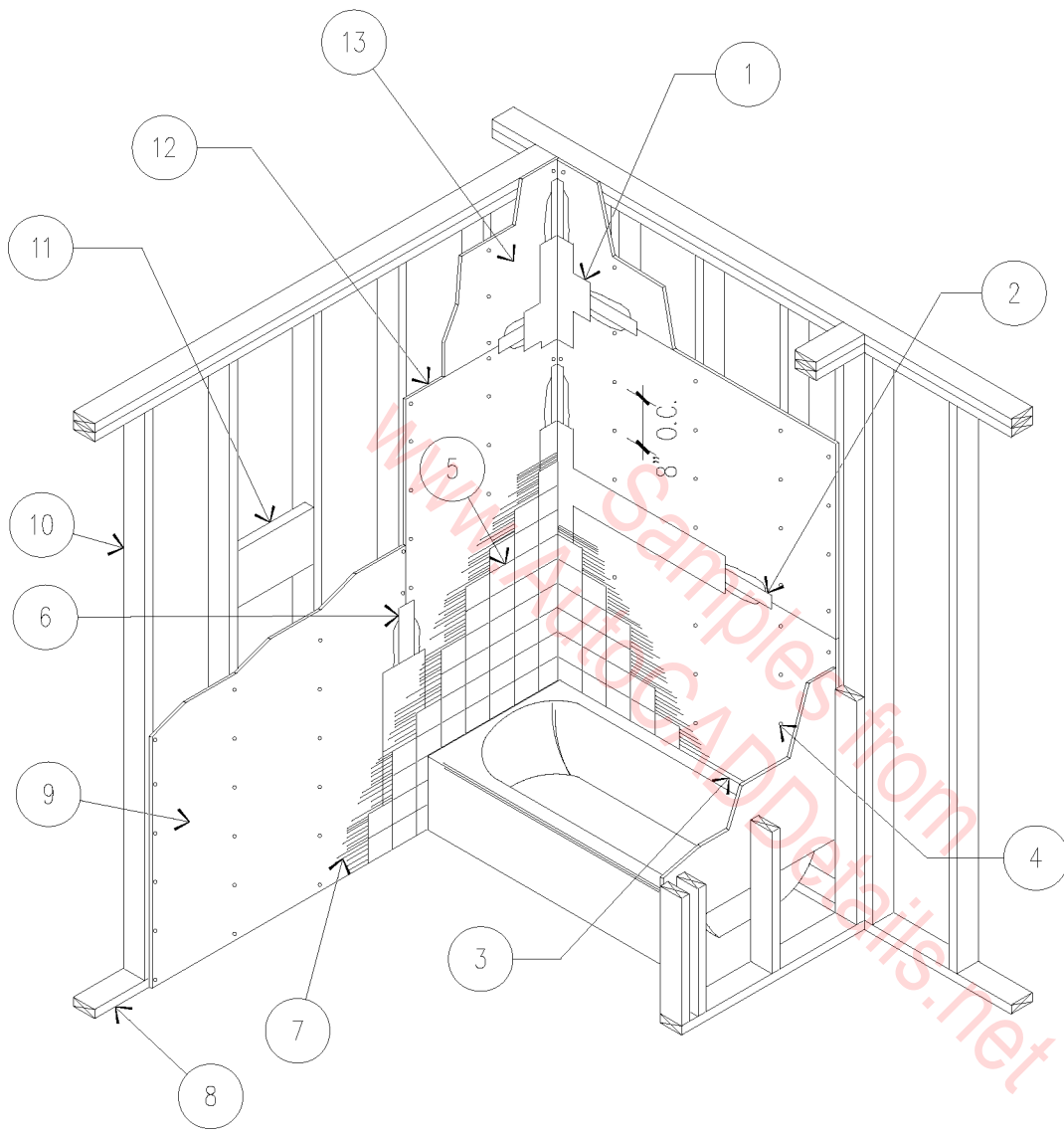
09A-3026



WEEP SCREED

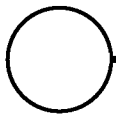
3" = 1'-0"

09A-3027



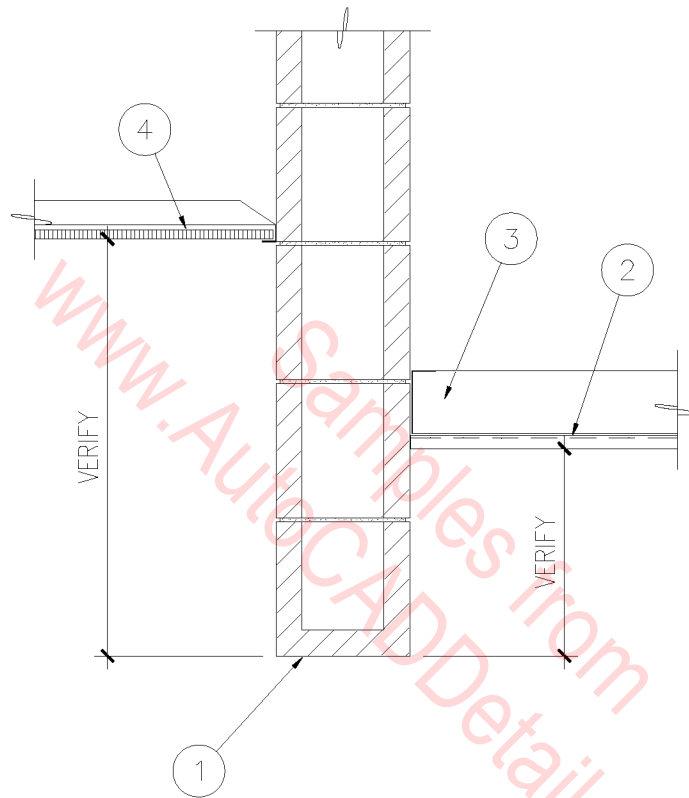
1. IN PAINTED AREAS, USE A JOINT TREATMENT SYSTEM AND SEALER FOR FINISHING CEMENTITIOUS BOARD TO CEMENTITIOUS BOARD AND CEMENTITIOUS BOARD TO GYPSUM BOARD.
2. IN TILED AREAS, TREAT CEMENTITIOUS BOARD TO CEMENTITIOUS BOARD AND CEMENTITIOUS BOARD TO GYPSUM BOARD JOINTS BY EMBEDDING CEMENTITIOUS TAPE IN TILE SETTING MATERIAL.
3. 1/4" SPACE.
4. APPROVED FASTENERS.
5. CERAMIC TILE.
6. CEMENTITIOUS TAPE.
7. SETTING MATERIAL.
8. WOOD PLATE.
9. 1/2" GYPSUM BOARD.
10. 2 X 4 WOOD STUDS @ 16" O.C.
11. SUPPORT FRAMING FOR ATTACHMENT OF FIXTURES.
12. 1/2" INTERIOR CEMENTITIOUS BOARD.
13. 1/2" GYPSUM PANEL.

# TYPICAL BATHTUB INSTALLATION

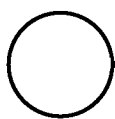


NOT TO SCALE

09A-3028



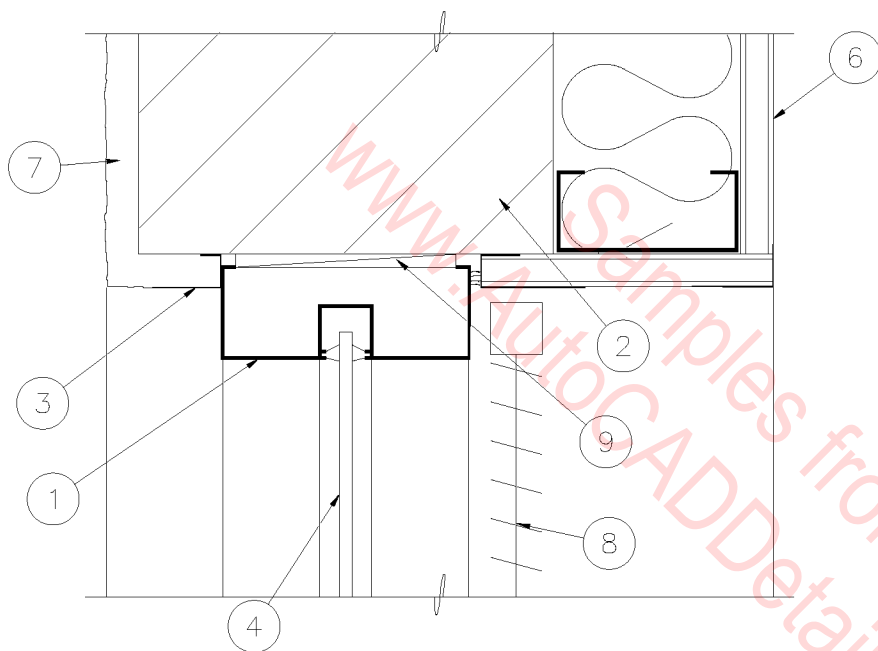
1. MASONRY WALL.
2. 3/4" CEMENT PLASTER.
3. CEILING JOIST.
4. SUSPENDED ACOUSTICAL CEILING SYSTEM.



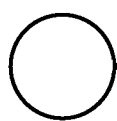
## SOFFIT @ C.M.U. WALL

1" = 1'-0"

09A-1001



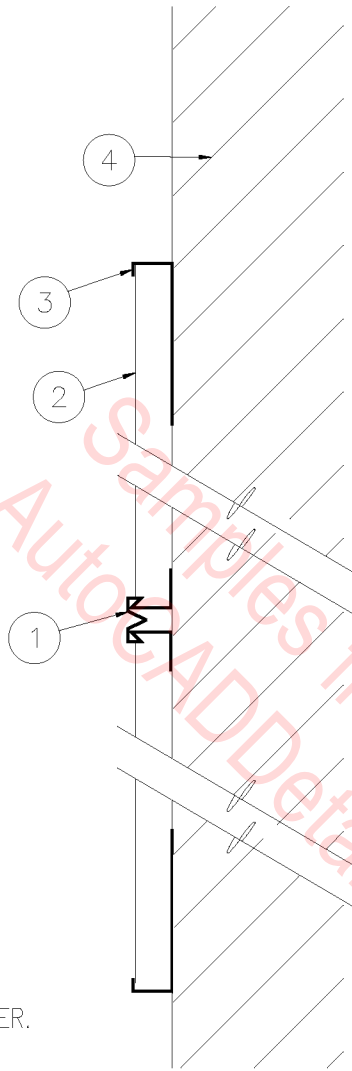
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. 'J' MOLD & SEALANT - TYPICAL BOTH SIDES.
4. 1/4" GLASS.
5. CORNER BEAD - TYPICAL.
6. 5/8" GYP. BOARD ON 3-5/8" METAL STUDS WITH R-11 BATT INSULATION.
7. 5/8" CEMENT PLASTER.
8. WINDOW BLIND.
9. SHIM.



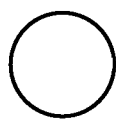
ALUMINUM FRAME

3" = 1'-0"

09A-1002



- 1. CONTROL JOINT.
- 2. 7/8" CEMENT PLASTER.
- 3. CASING BEAD.
- 4. MASONRY WALL.

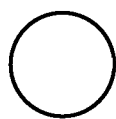
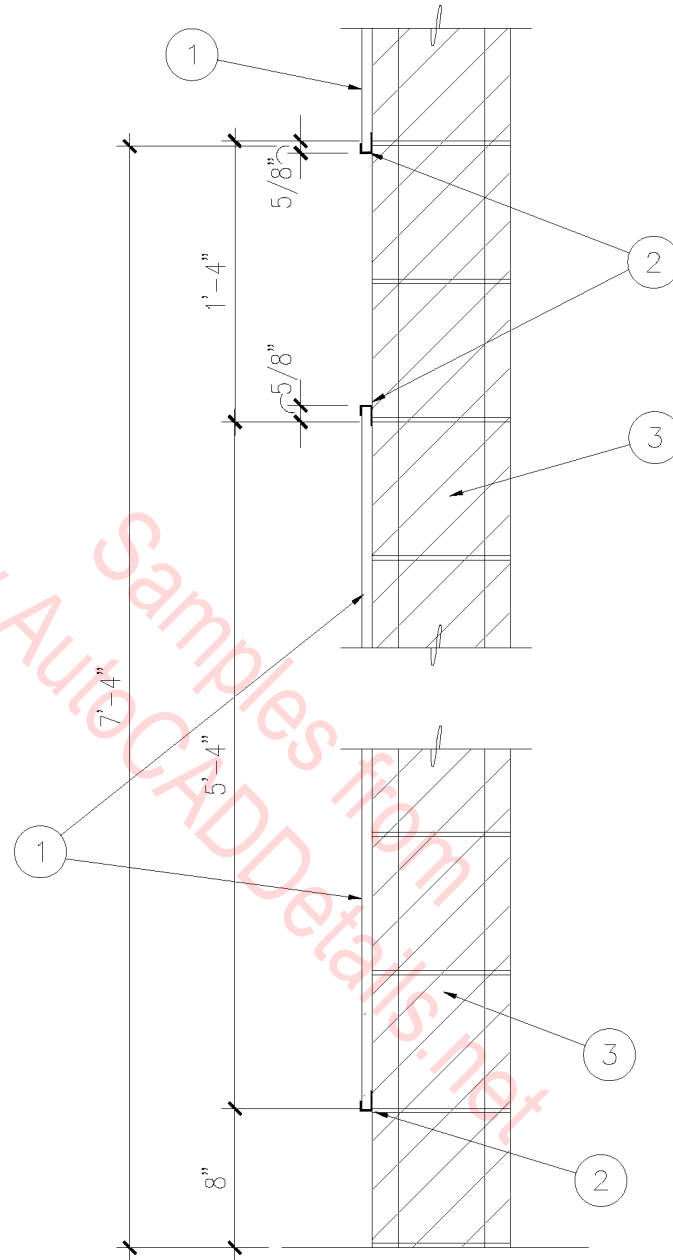


# PLASTER REVEAL

3" = 1'-0"

09A-1003

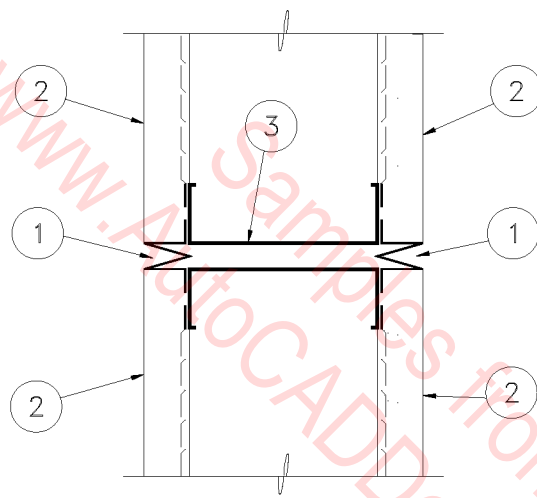
1. PAINTED 5/8" CEMENT PLASTER.
2. PLASTER 'J' MOLD (TYPICAL).
3. 8" MASONRY WALL. PAINT EXPOSED MASONRY.



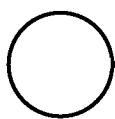
# PLASTER WALL REVEAL

1 1/2" = 1'-0"

09A-1004



1. CEMENT PLASTER CONTROL JOINT.
2. CEMENT PLASTER OVER METAL LATH.
3. METAL STUD FRAMING.

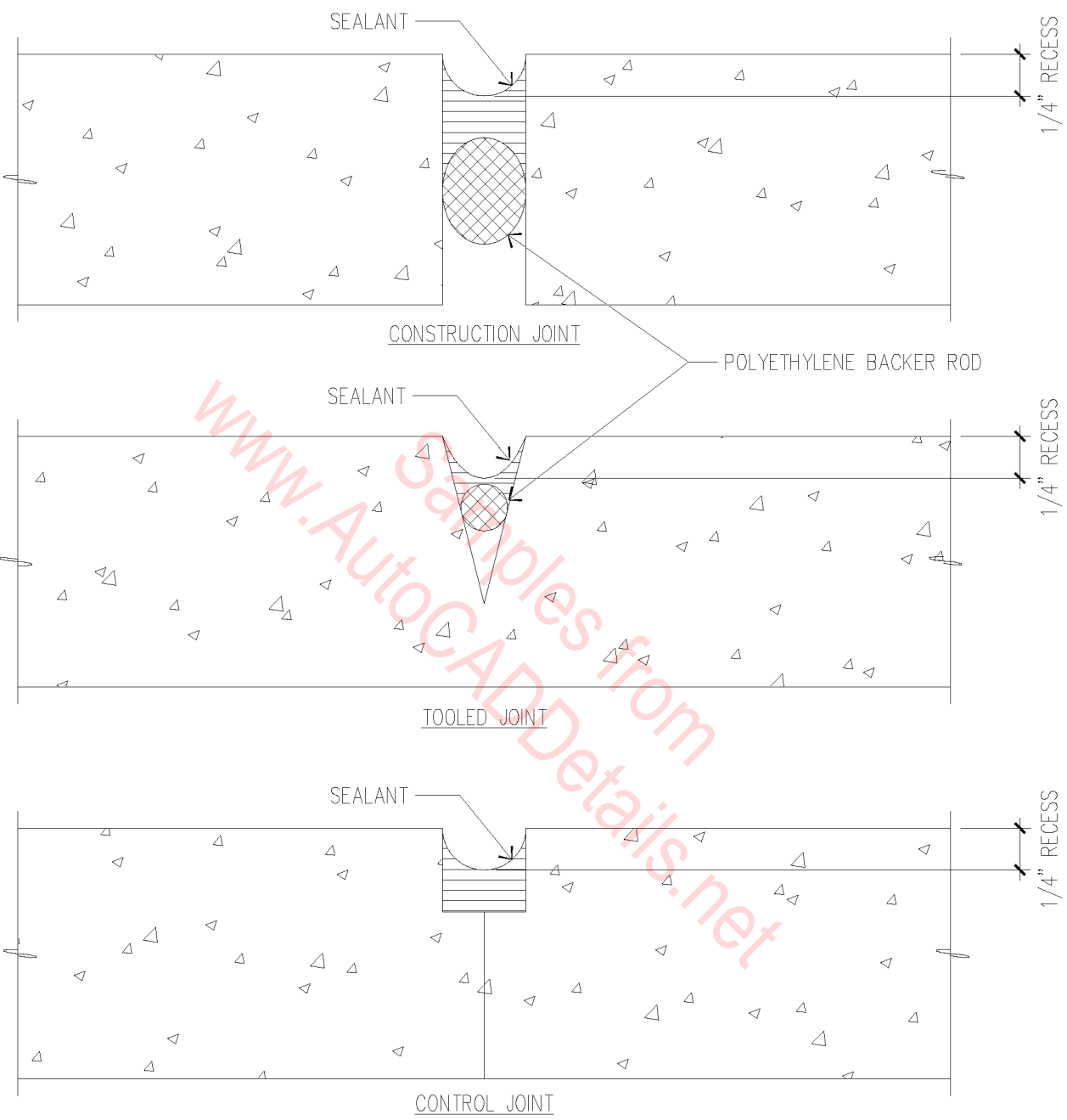


# PLASTER CONTROL JOINT

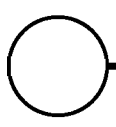
3" = 1'-0"

09A-1005





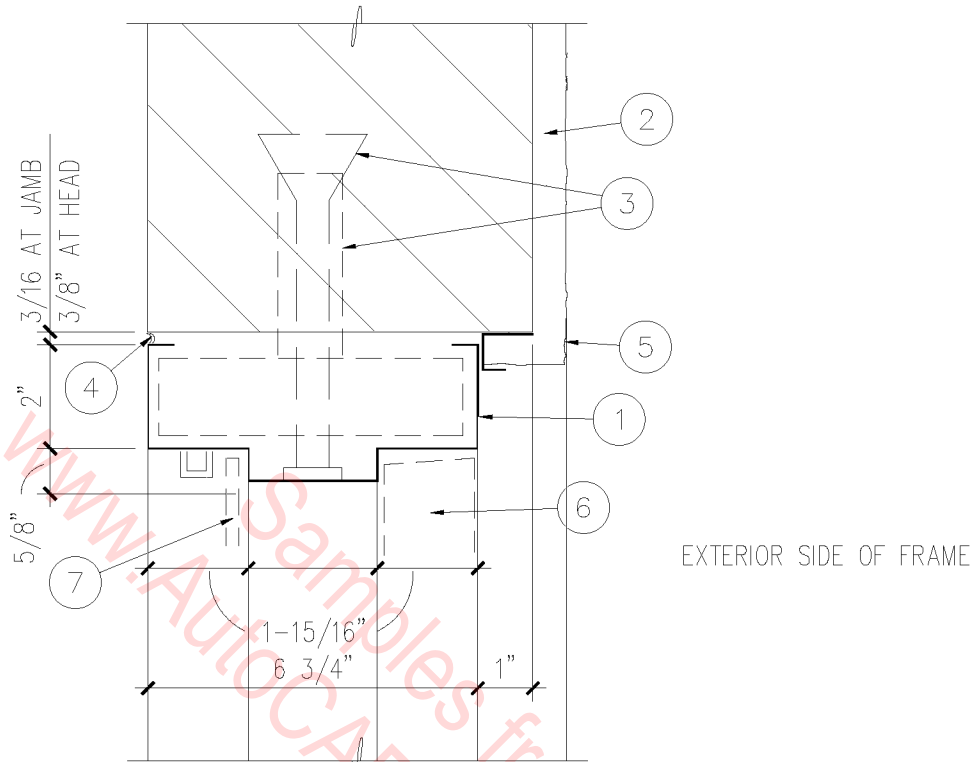
www.AutocADDetails.net



# JOINT SEALING DETAIL

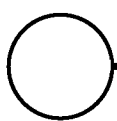
1" = 1"

09C-2001



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

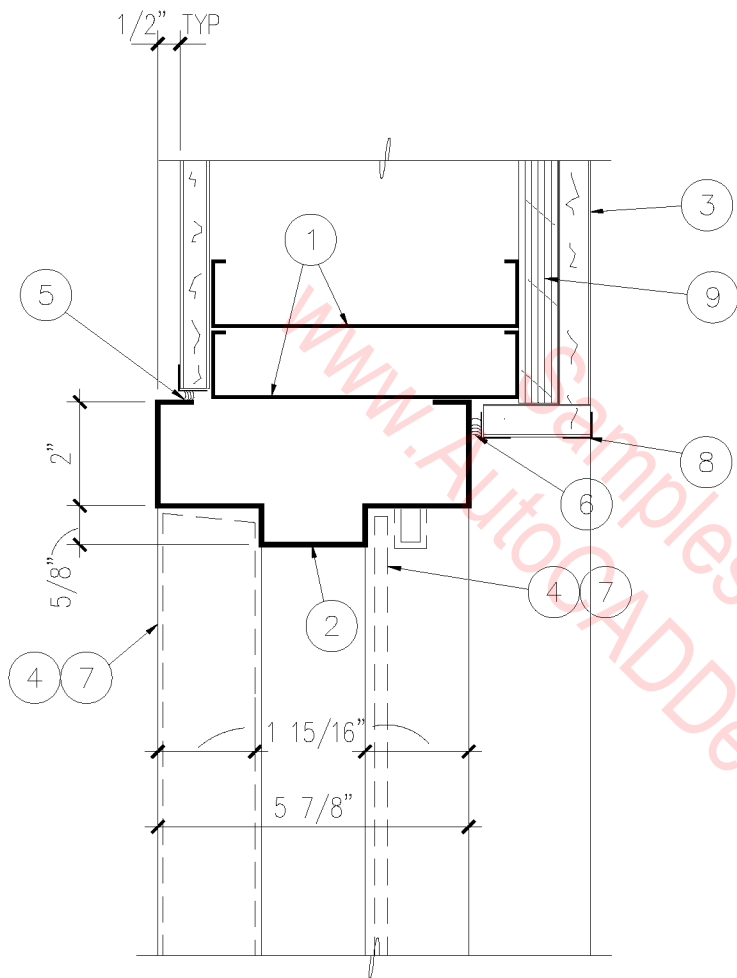
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB (NEW CONSTRUCTION); EXPANSION ANCHORS AT FRAME (EXISTING CONSTRUCTION).
4. SEALANT.
5. 5/8" CEMENT PLASTER.
6. DOOR WHERE APPLICABLE.
7. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



HOLLOW METAL FRAME

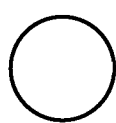
3" = 1'-0"

09C-1001



1. 6" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
8. CORNER BEAD.
9. 3/4" PLYWOOD, FIRE TREATED.

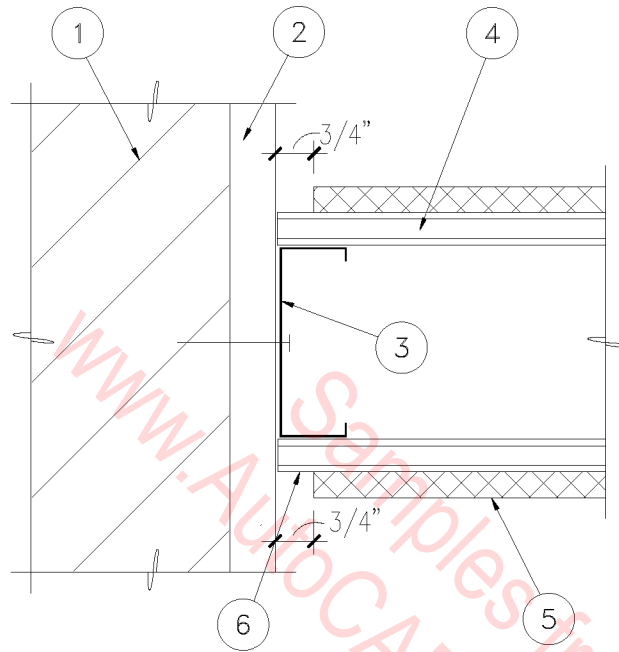
JAMB CONDITION - HEAD SIMILAR



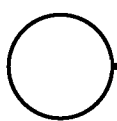
## HOLLOW METAL FRAME

3" = 1'-0"

09C-1002



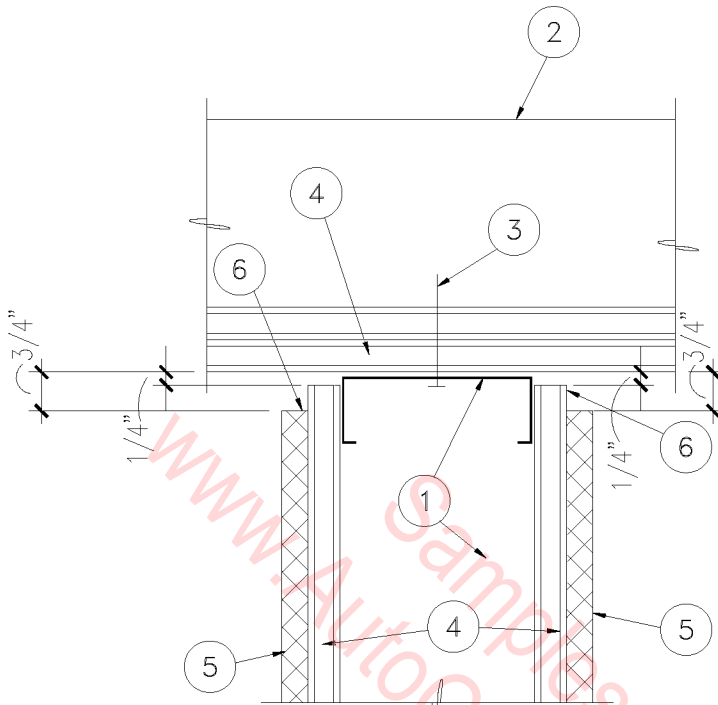
1. MASONRY WALL.
2. CEMENT PLASTER FINISH.
3. 16 GAUGE METAL FRAMING AT 24" O.C. SCREW INTO WALL AT 16" O.C. VERTICALLY.
4. 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, SQUARE EDGED, BOTH SIDES.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL BOTH SIDES.



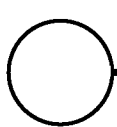
ACOUST. PANELS @ WALL

3" = 1'-0"

09C-1003



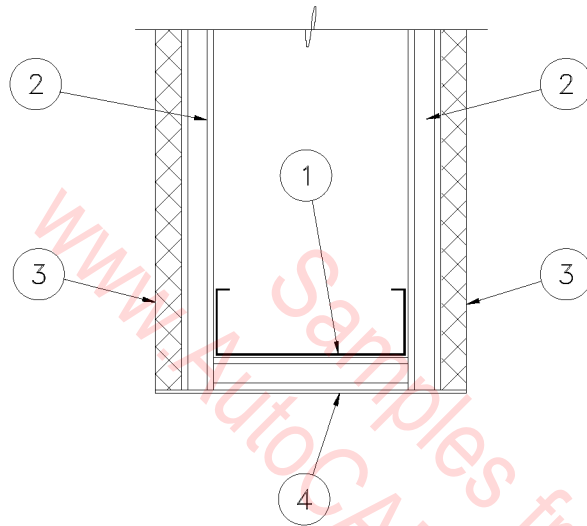
1. 16 GAUGE METAL FRAMING AT 16" O.C.
2. 2 X NAILER AT 16" O.C.
3. #12 X 2" LONG SCREW AT 16" O.C.
4. 5/8" TYPE 'X' GYPSUM BOARD.
5. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL.
6. PAINT GYPSUM BOARD MATTE BLACK AT BACK OF REVEAL, BOTH SIDES.



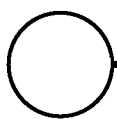
ACOUST. PANELS AT CLG.

3" = 1'-0"

09C-1004



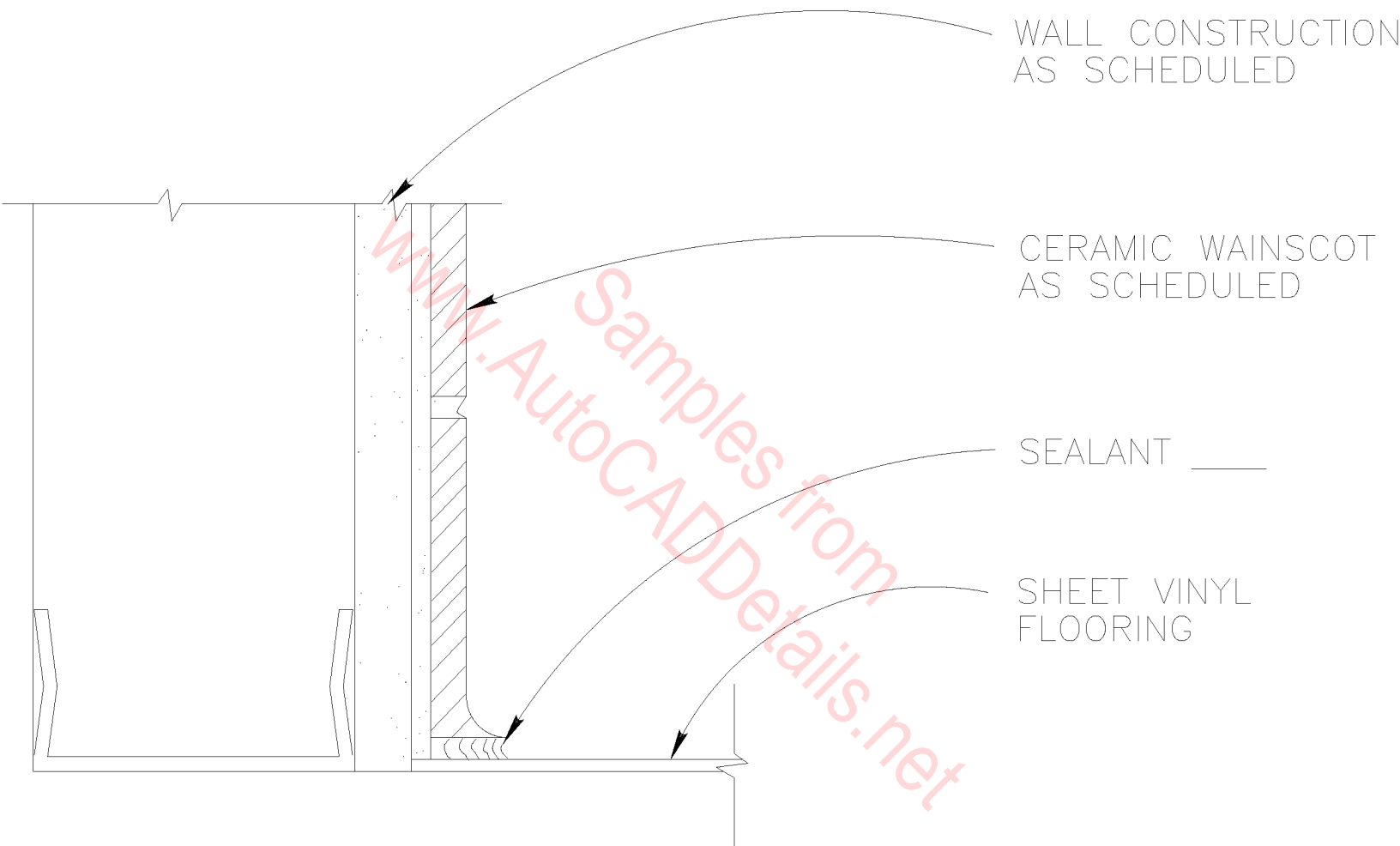
1. 16 GAUGE METAL FRAMING AT 24" O.C.
2. 5/8" TYPE 'X' GYPSUM BOARD.
3. FABRIC COVERED 1/2" THICK ACOUSTICAL PANEL, MITERED EDGE.
4. FABRIC COVERED GYPSUM BOARD TO MATCH ACOUSTICAL PANEL.



## ACOUSTICAL PANEL EDGE

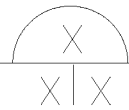
3" = 1'-0"

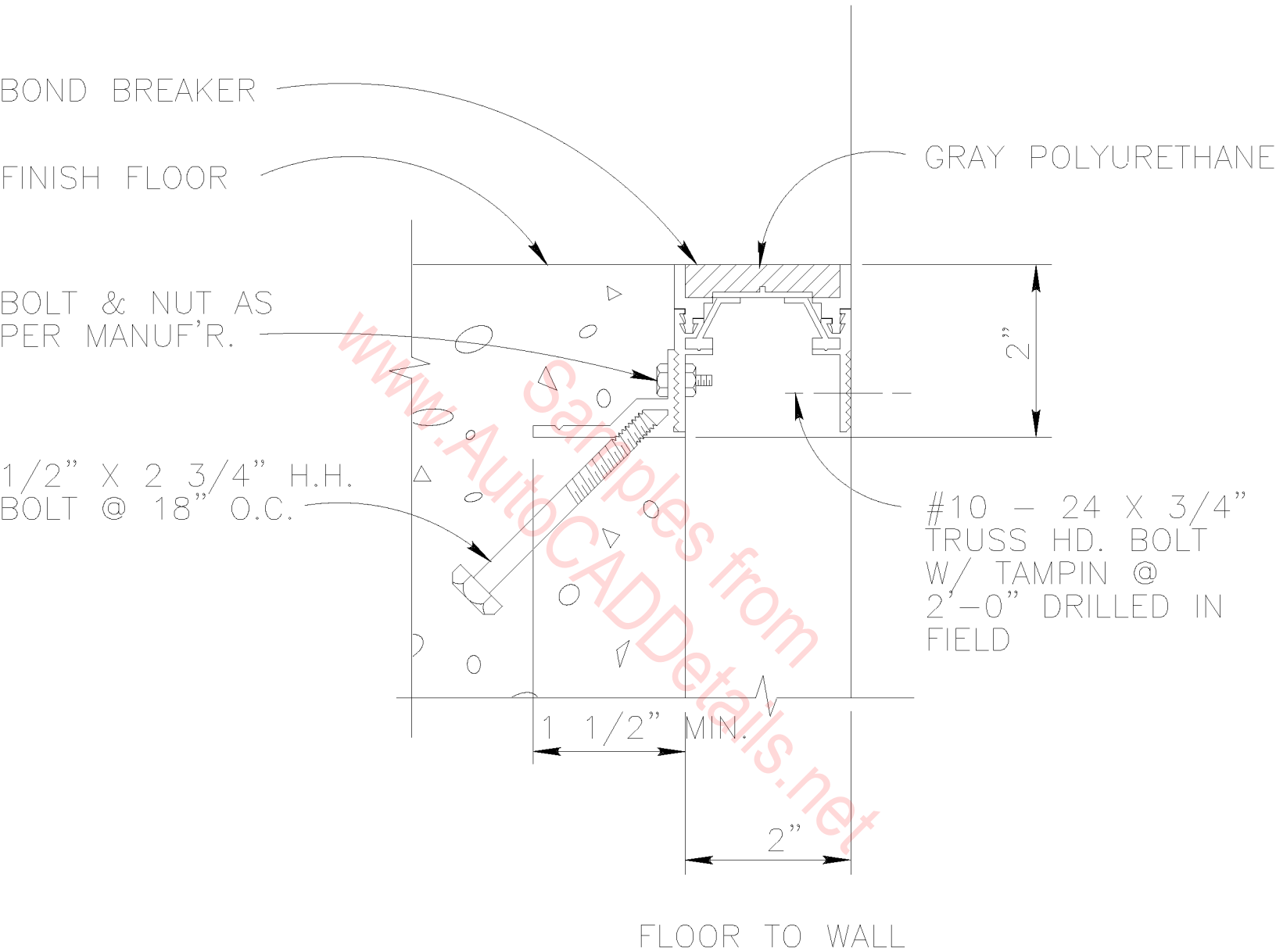
09C-1005



BASE DETAIL

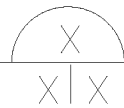
SCALE : 3" = 1'-0"





EXP. JOINT DETAIL

SCALE : 6" = 1'-0"

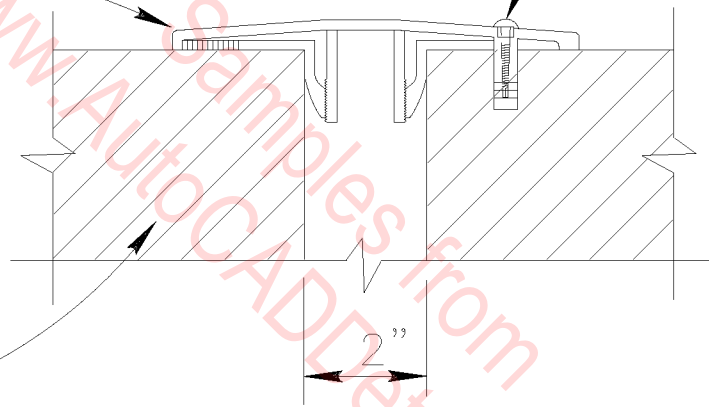




ALUMINUM COVER  
PLATE

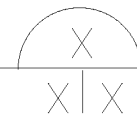
ATTACH TO ONE  
SIDE ONLY

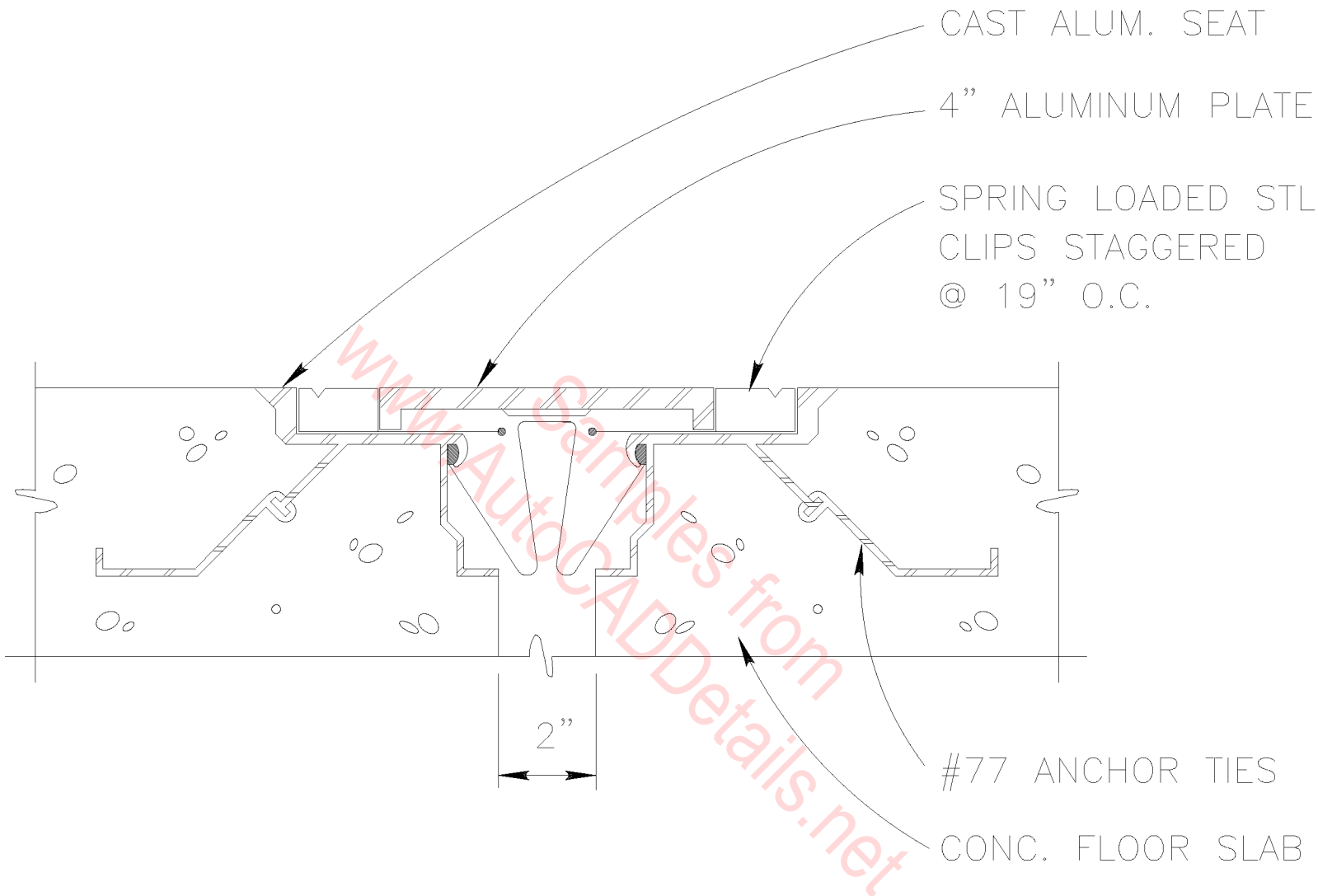
FLOOR



EXP. JOINT DETAIL

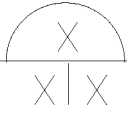
SCALE : 3" = 1'-0"

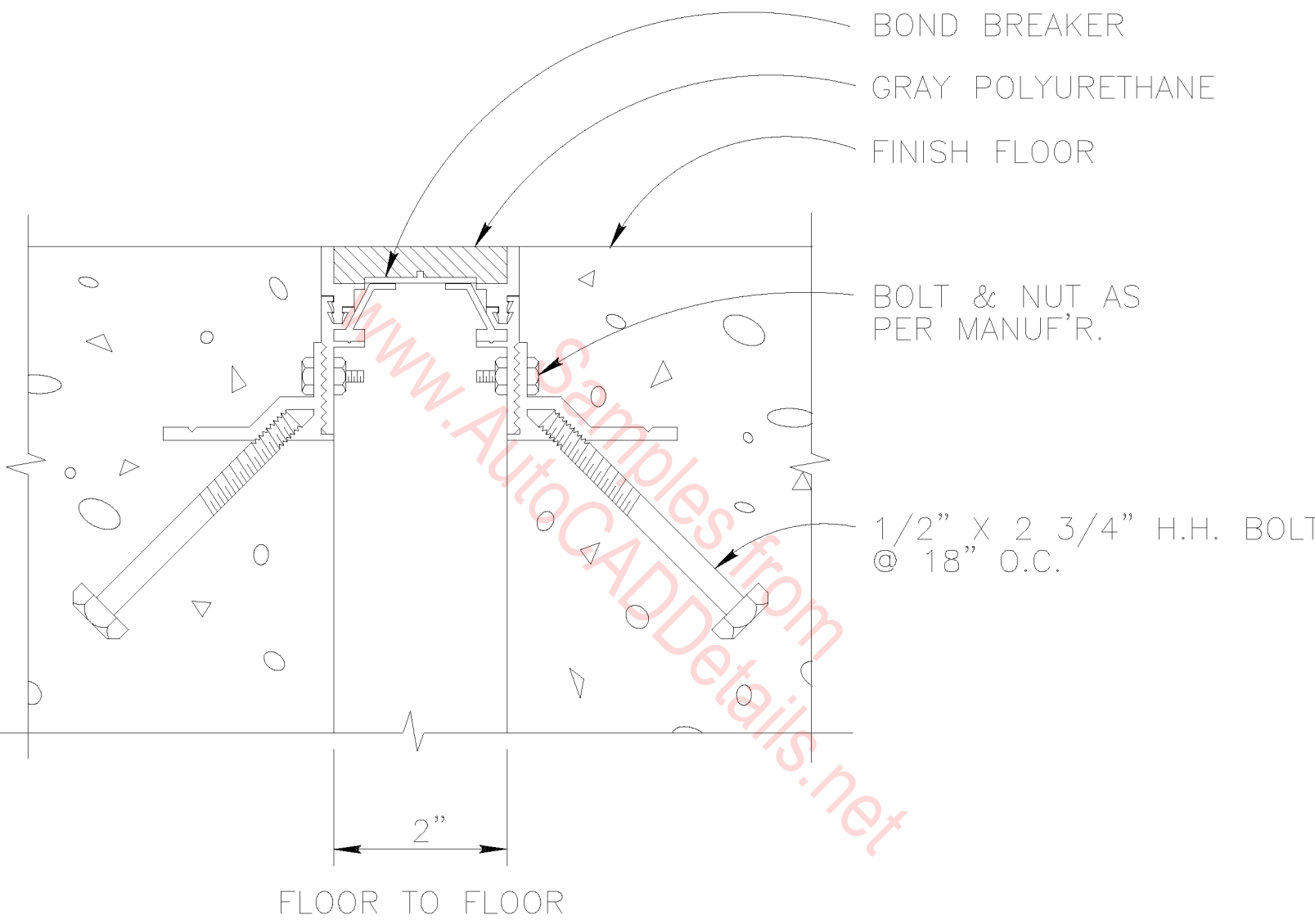




EXP. JOINT DETAIL

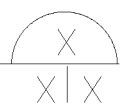
SCALE : 3" = 1'-0"

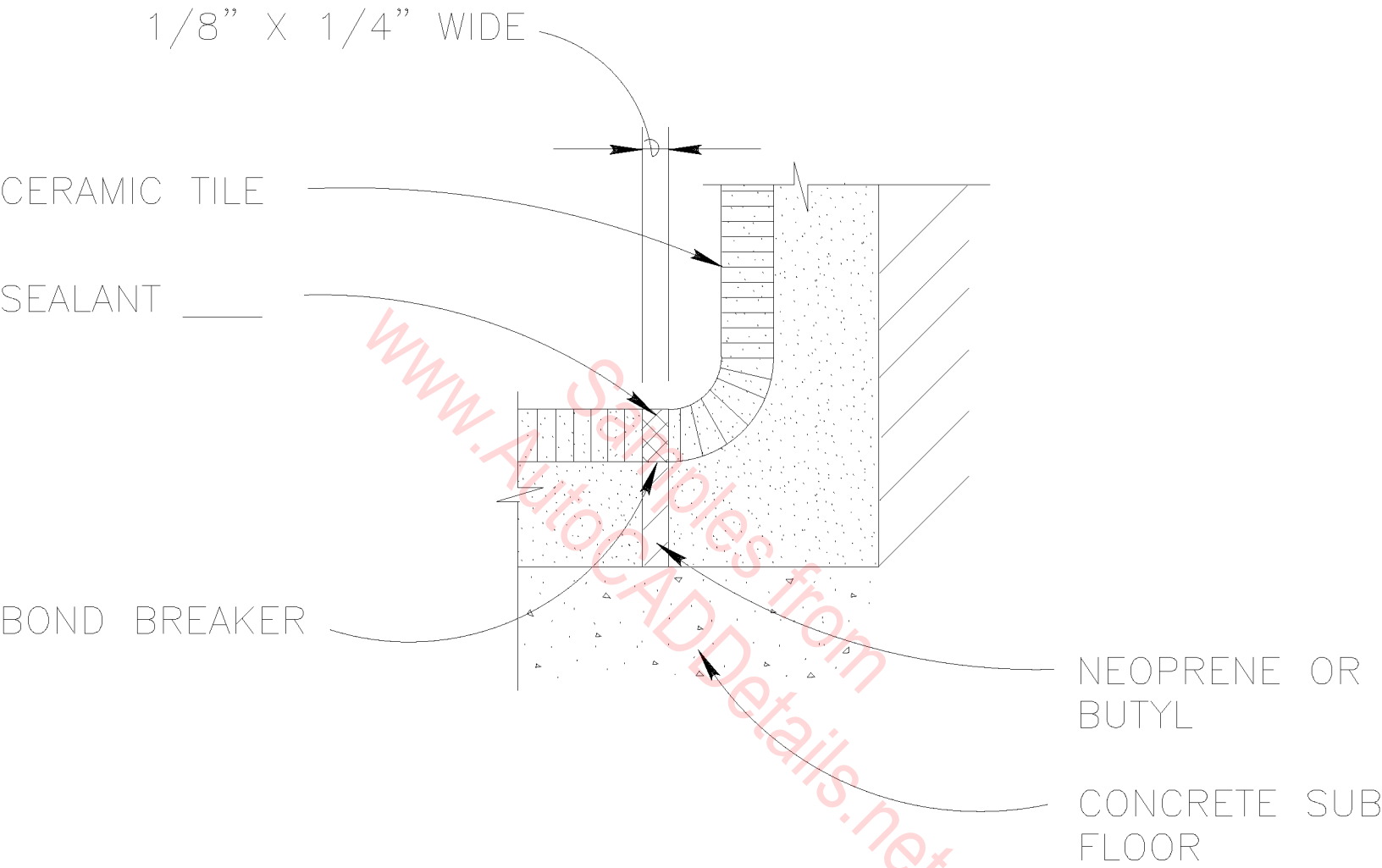




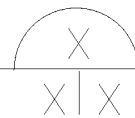
EXP. JOINT DETAIL

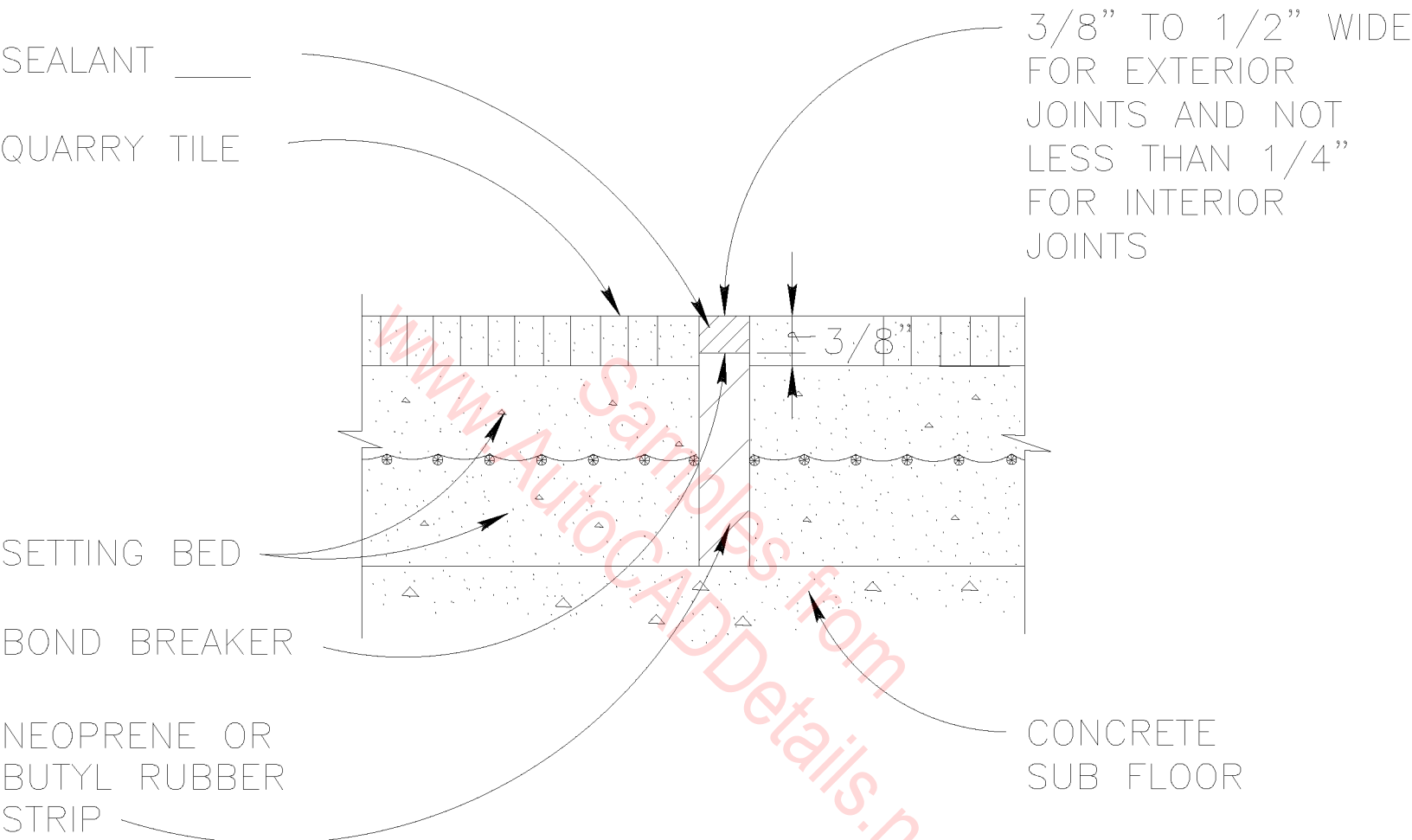
SCALE : 6" = 1'-0"



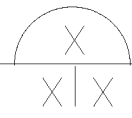


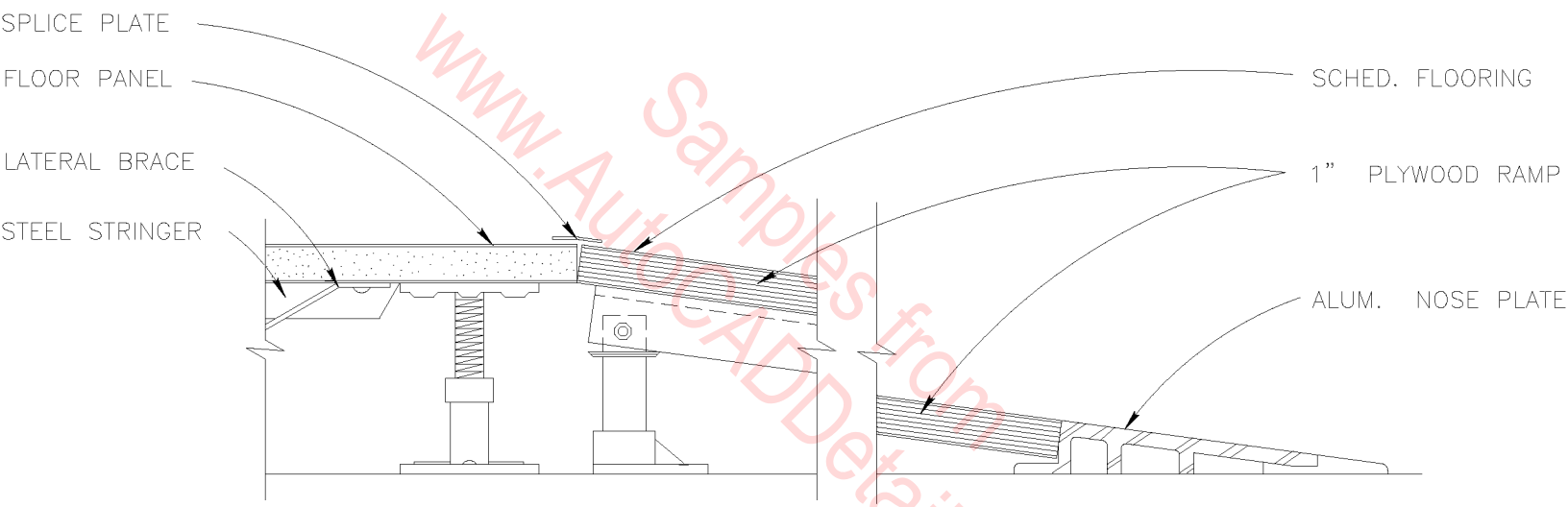
SEALANT JOINT





SEALANT JOINT

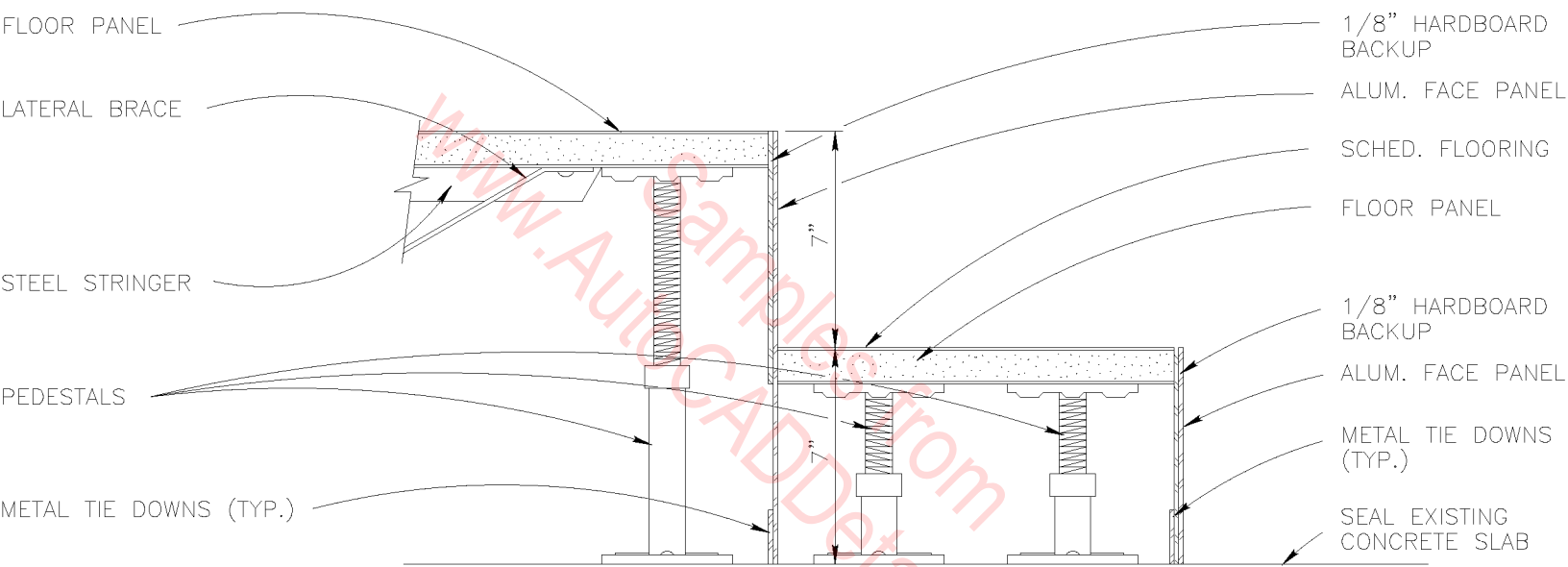




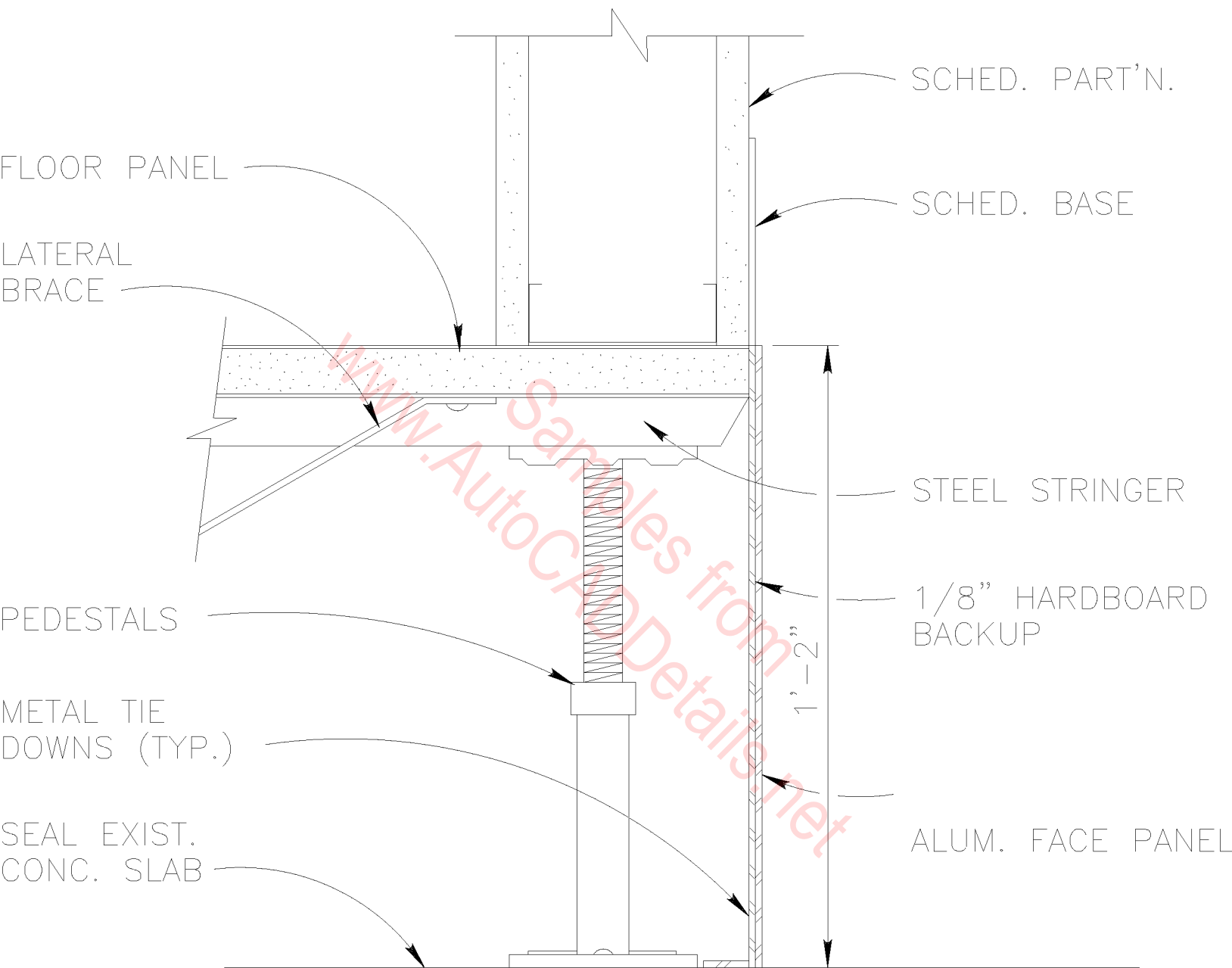
RAMP DETAIL  
SCALE : 3" = 1'-0"



www.AutoCADDetails.net

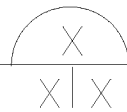


RAISED FLOOR DETAIL X  
 SCALE : 3"=1'-0" XIX

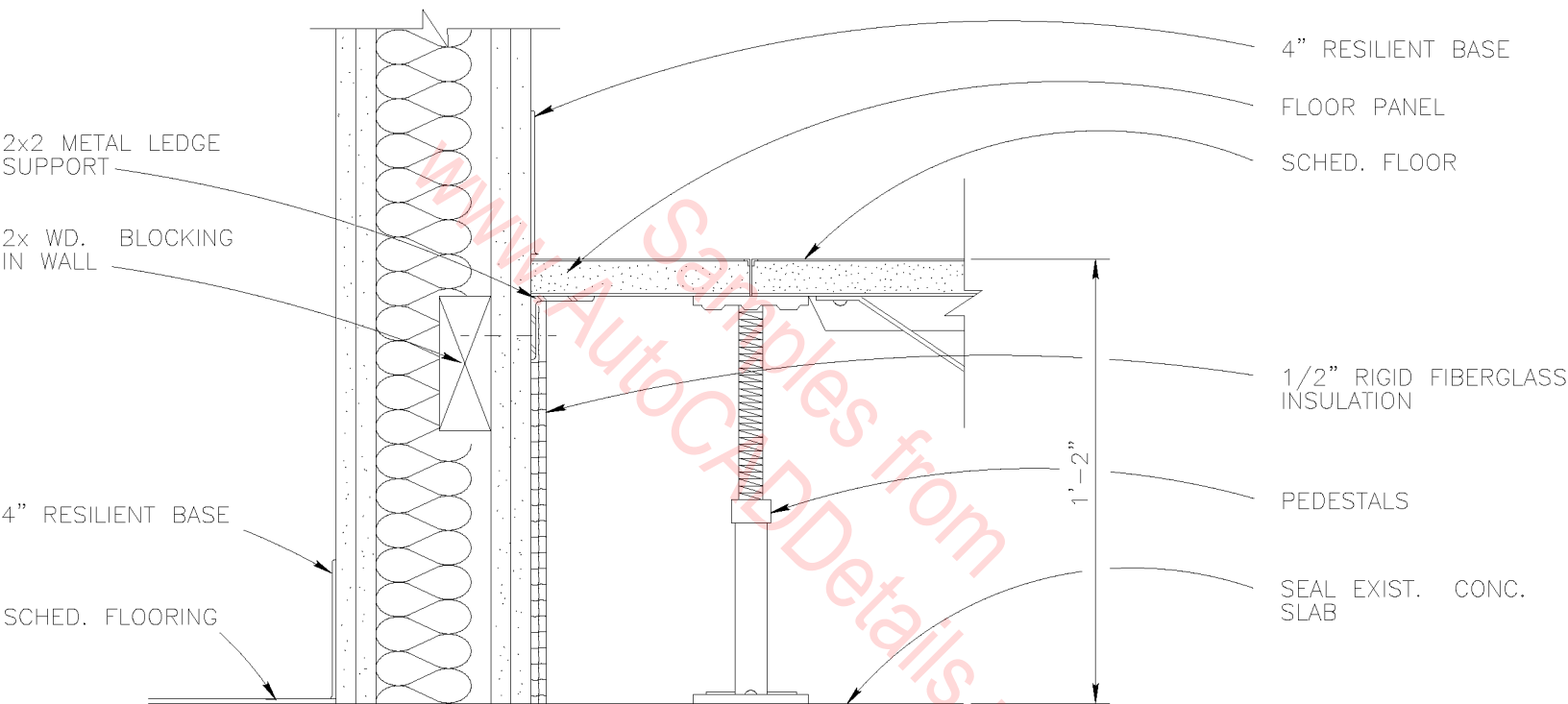


# RAISED FLOOR DETAIL

SCALE : 3" = 1'-0"







2x2 METAL LEDGE  
SUPPORT

2x WD. BLOCKING  
IN WALL

4" RESILIENT BASE

SCHED. FLOORING

4" RESILIENT BASE

FLOOR PANEL

SCHED. FLOOR

1/2" RIGID FIBERGLASS  
INSULATION

PEDESTALS

SEAL EXIST. CONC.  
SLAB

1'-2"

RAISED FLOOR  
ACOUSTICAL  
WALL DETAIL

SCALE : 3" = 1'-0"

X  
XIX

WOOD BLOCKING  
AS NEEDED

5/8" GYPSUM BD.  
TYPE X @ FIRE-  
RATED PARTITION

DOOR AS  
SCHEDULED

3- 5/8" METAL STUDS  
@ 24" O.C.

1'-6"

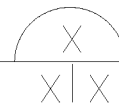
5/8" GYPSUM BD.  
TYPE X @ FIRE-  
RATED PARTITION

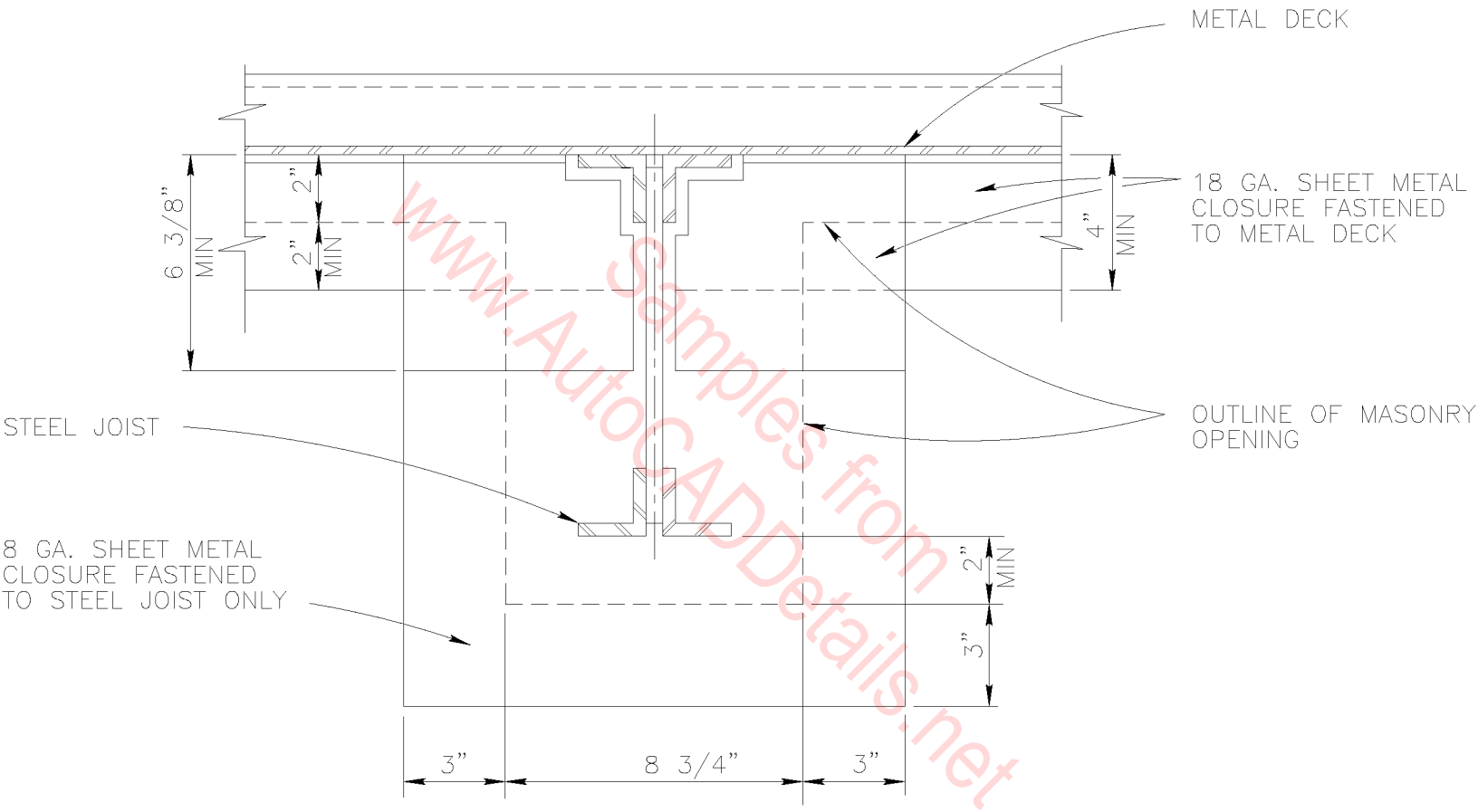
WOOD BLOCKING  
AS NEEDED

AS PER DOOR MFR.

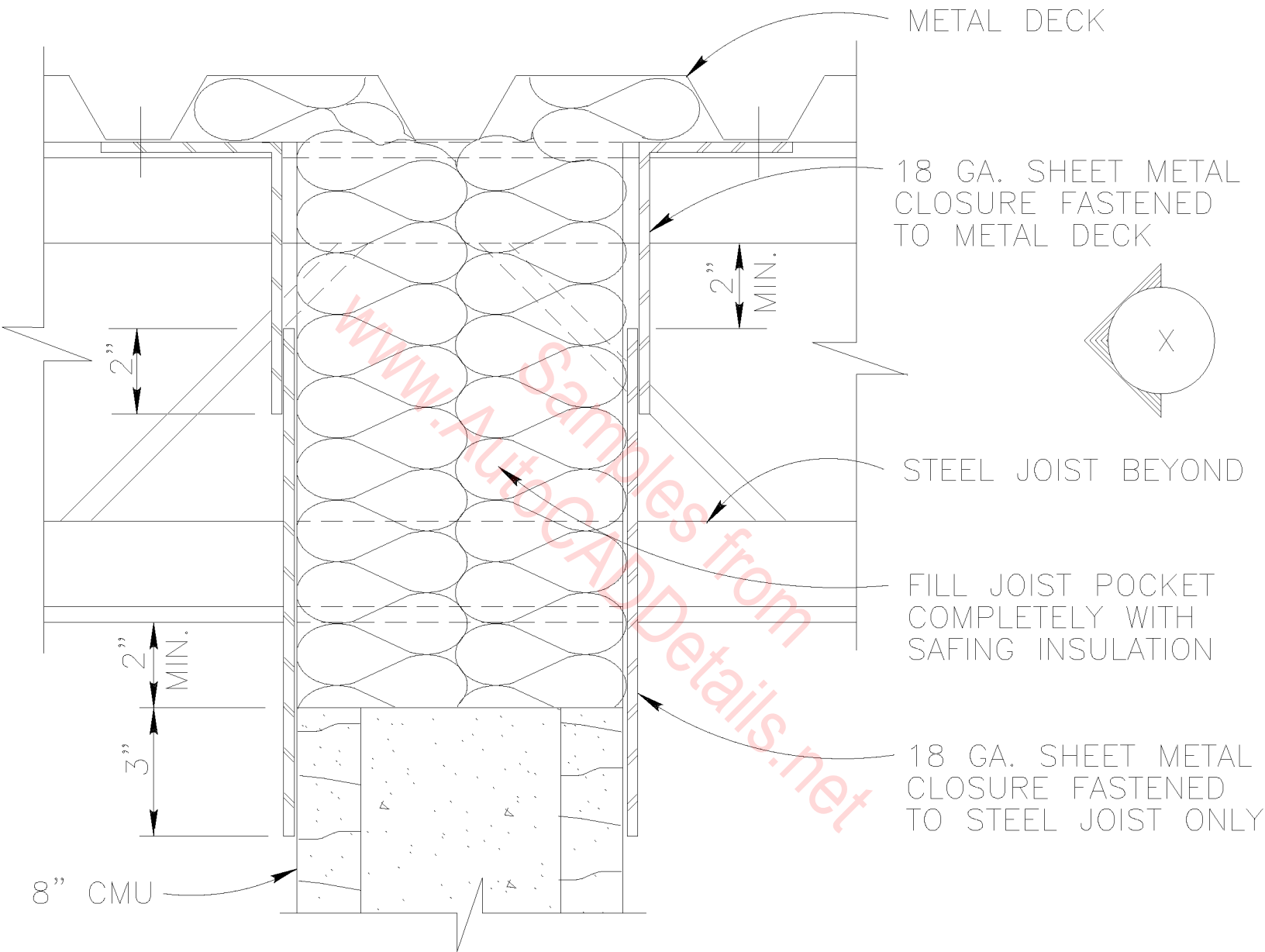
# DOOR POCKET

SCALE : 1"=1'-0"



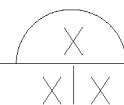


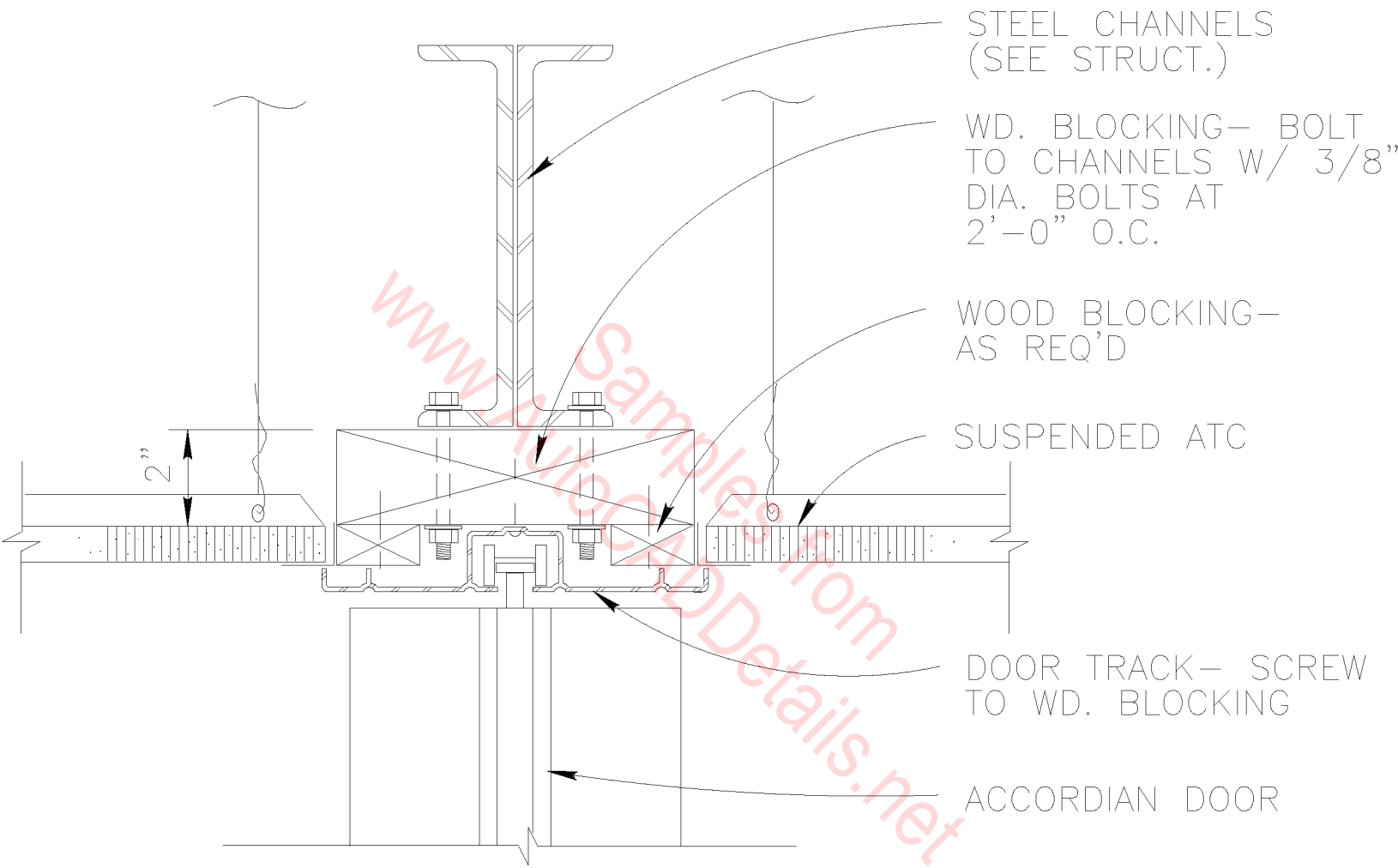
ELEVATION @ JOIST POCKET X  
 SCALE : 3"=1'-0" X



WALL DETAIL @ JOIST POCKET

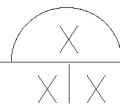
SCALE : 3" = 1'-0"

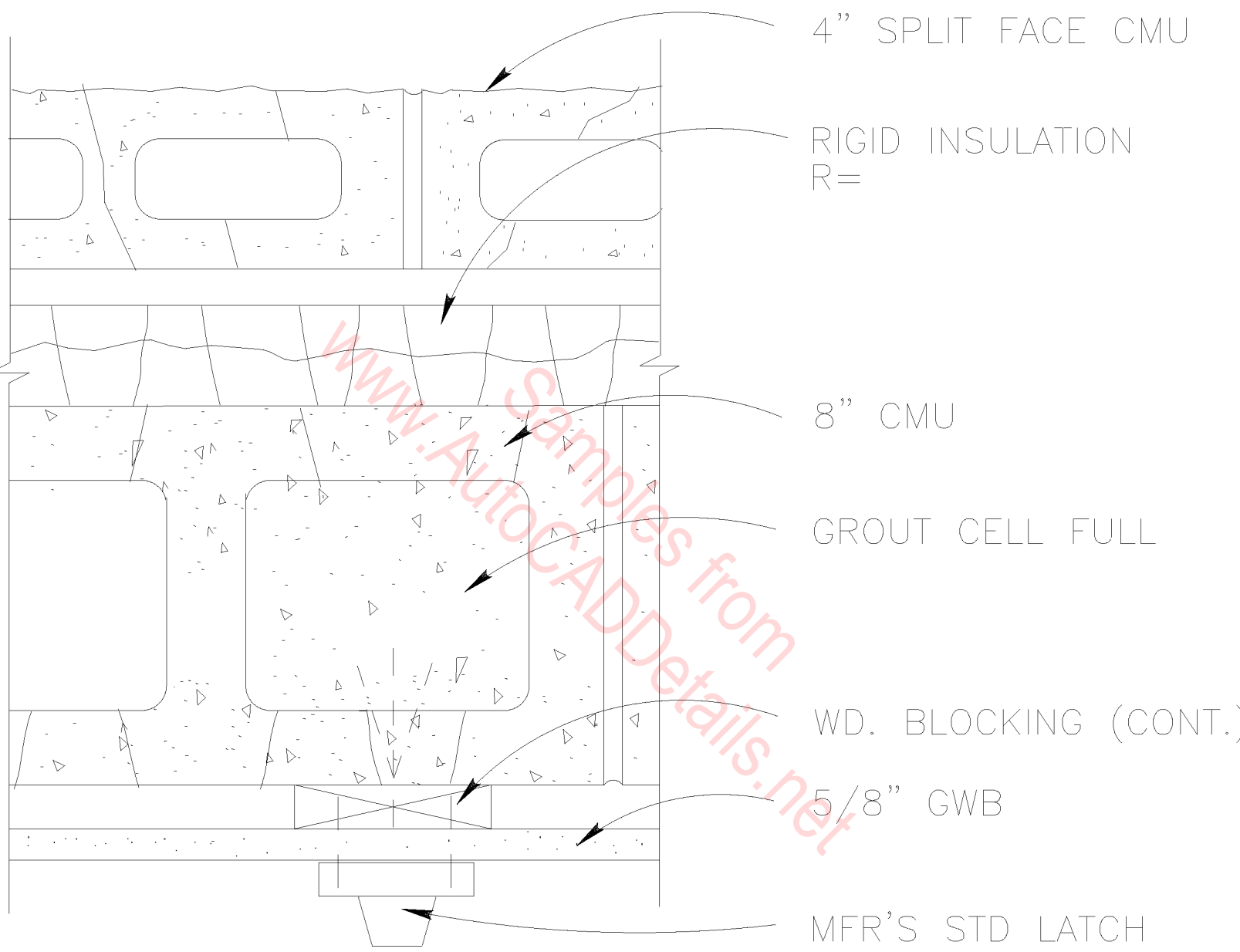




HEAD DETAIL

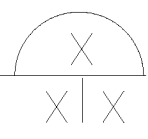
SCALE : 3" = 1'-0"





WALL LATCH DETAIL

SCALE : 3" = 1'-0"



STANDING SEAM METAL ROOF

STEEL PURLING, WRAP WITH  
5/8" TYPE 'X' G.W.B.

FILL W/FIRE SAFING INSUL.

FIBERGLASS BATT  
INSUL. (R=30)

FABRIC SHEET VAPOR  
BARRIER RETAINED  
W/ METAL STRAPS

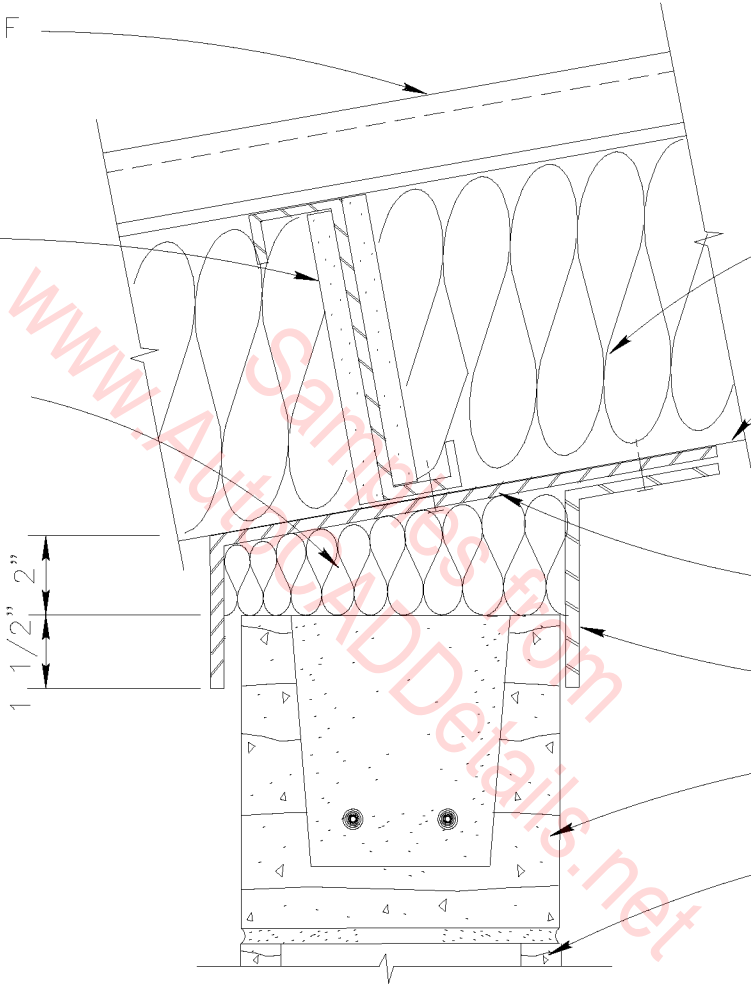
1 1/2" 2"

CONT. BENT PLATE  
FASTENED TO PURLIN

BENT PLATE FASTENED  
TO UPPER BENT PLATE

8" CMU BOND BEAM

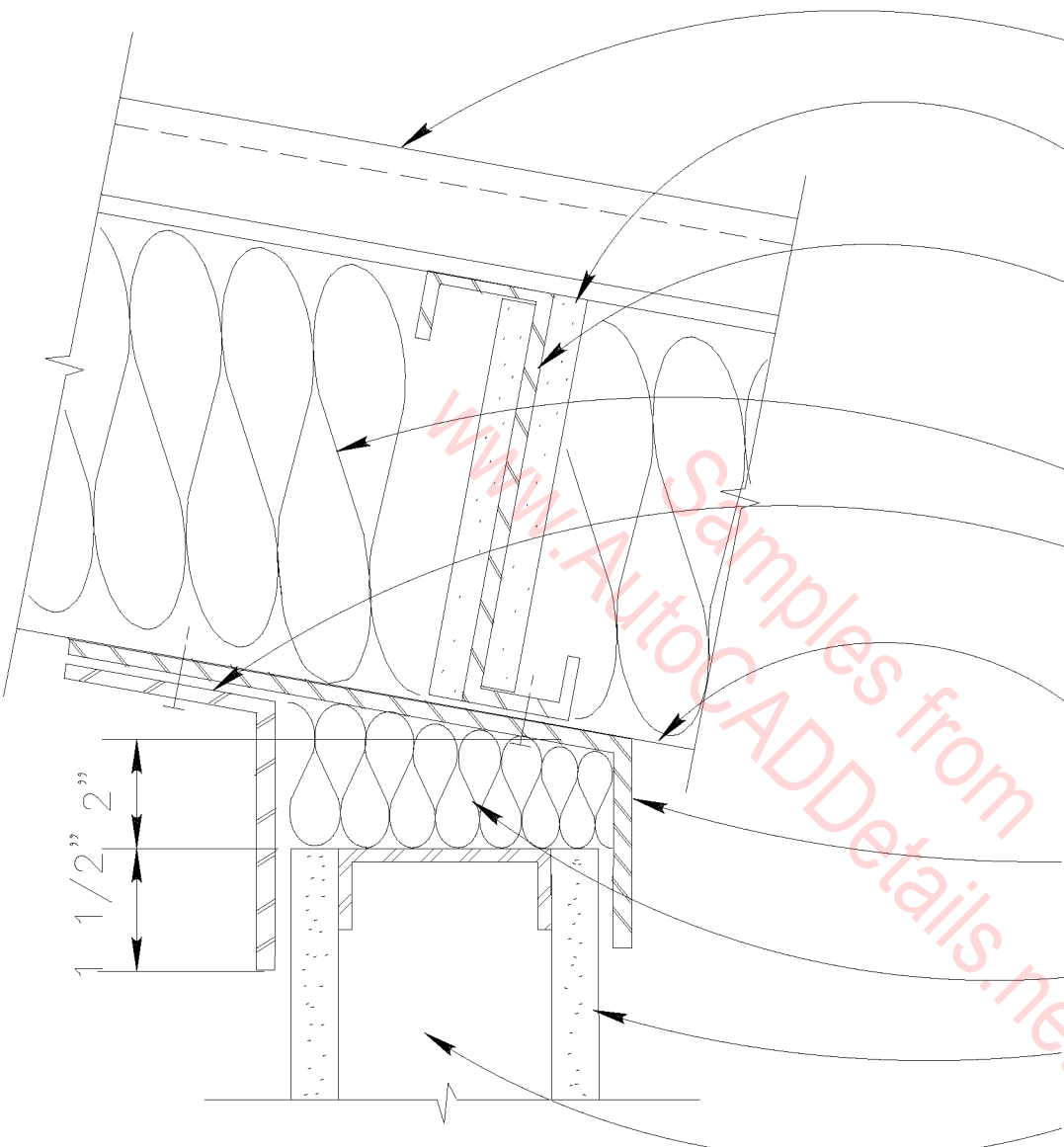
8" CMU



CMU PARTITION  
BRACING DETAIL

SCALE : 3"=1'-0"

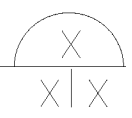
X  
XIX



- STANDING SEAM METAL ROOF
- FIBERGLASS BATT STEEL PURLIN
- STEEL PURLING, WRAP W/ 5/8" TYPE "X" GWB
- INSULATION (R=30)
- CONT. BENT PLATE FASTENED TO UPPER BENT PLATE
- FABRIC SHEET VAPOR BARRIER RETAINED W/ METAL STRIPS
- CONT. BENT PLATE FASTENED PURLIN
- FIRE SAFING INSUL.
- 5/8" GWB BOTH SIDES
- 3-5/8" STL. STUDS

PARTITION WALL BRACING

SCALE : 3"=1'-0"





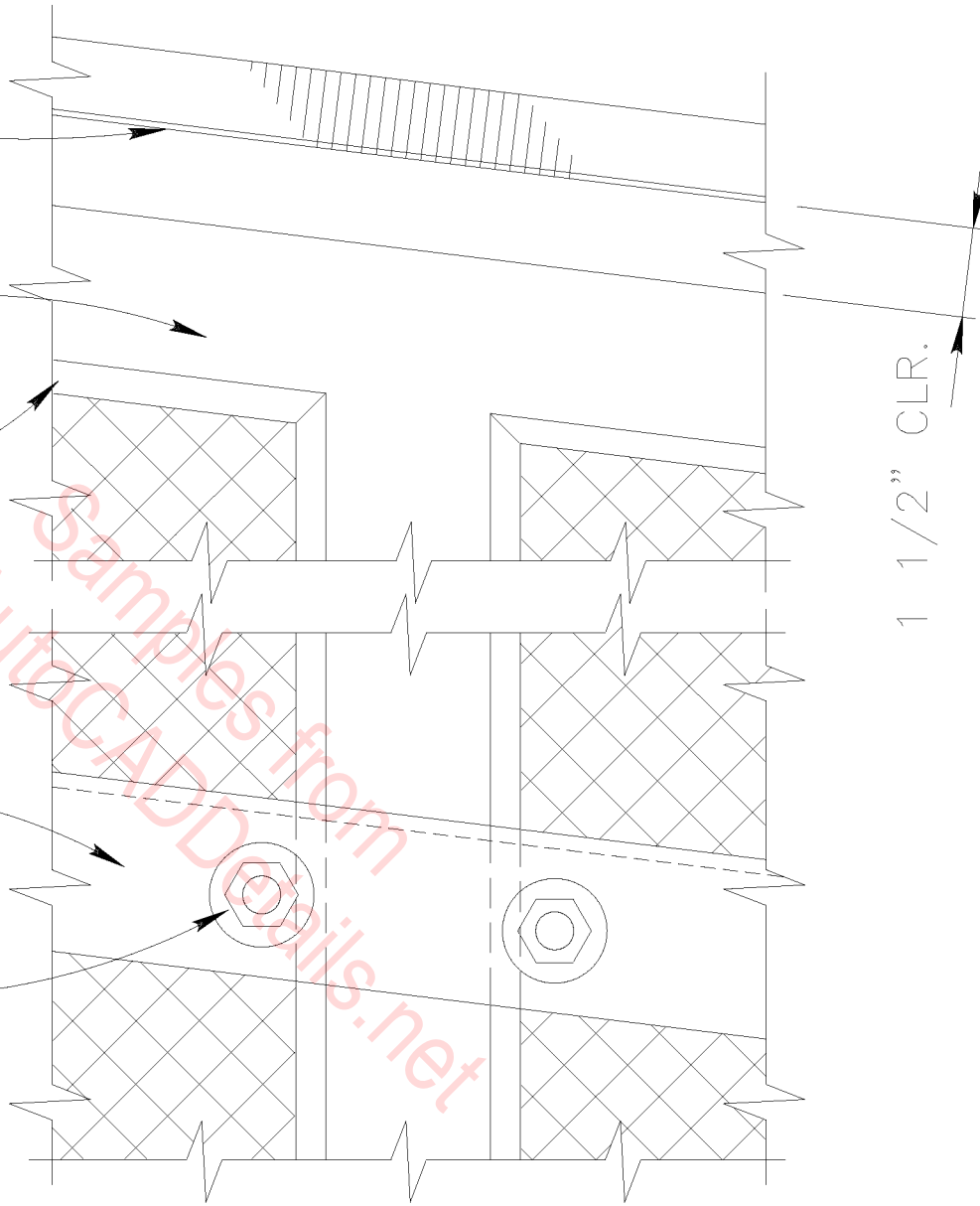
UNDERSIDE OF MTL.  
ROOF DECK

STEEL STRUCTURAL  
TUBE 2" X 2" X 1/4"  
ANCHORED TO CONC.  
FLR. W/ 3/8" EXP. BOLTS

STEEL MESH IN STEEL  
CHANNEL FRAME

CONT. L3" X 3" X 3/16"  
(TYP.) CONNECTED  
TO BOTTOM SIDE OF  
JOIST (NOT SHOWN)

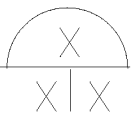
MIN. 3/8" DIA. U-BOLT  
W/ PAIRS OF LOCK  
WASHERS & NUTS

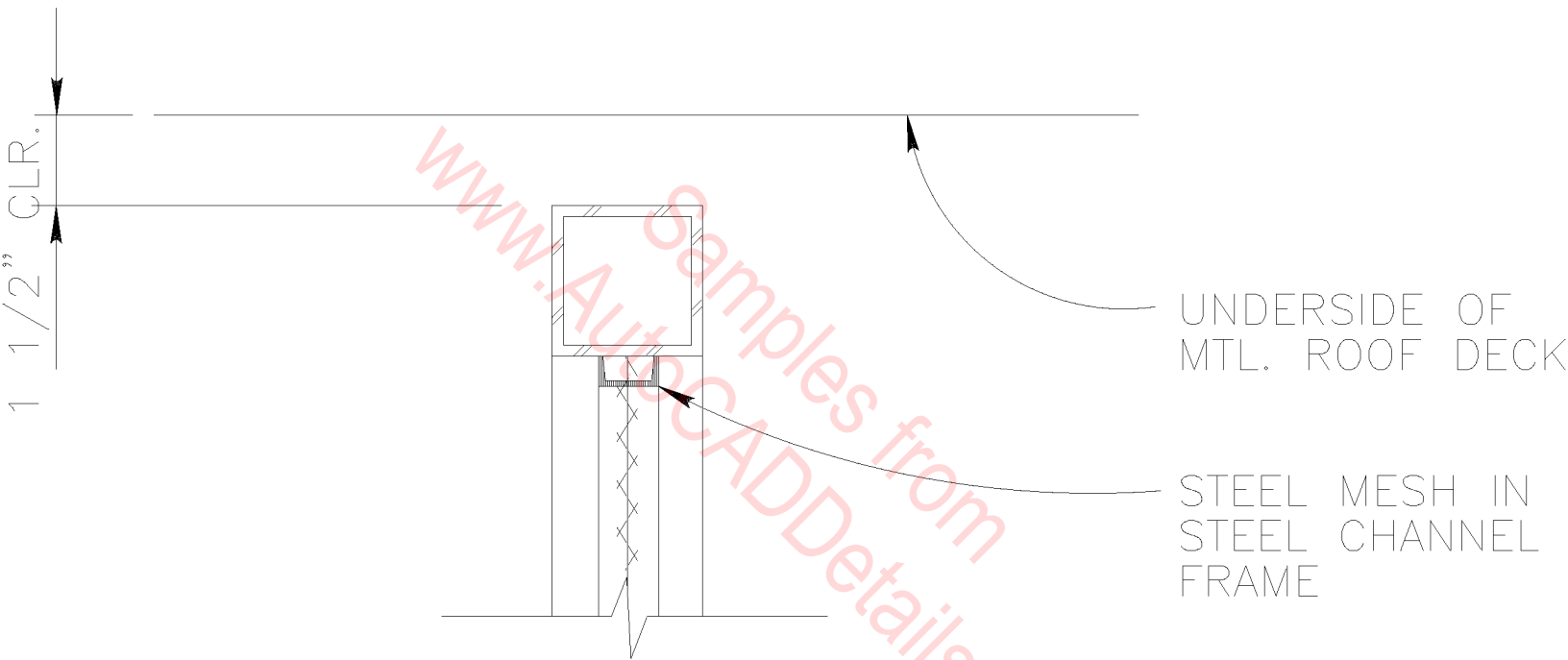


1 1/2" CLR.

### CAGING DETAIL

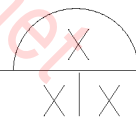
SCALE : 3" = 1'-0"

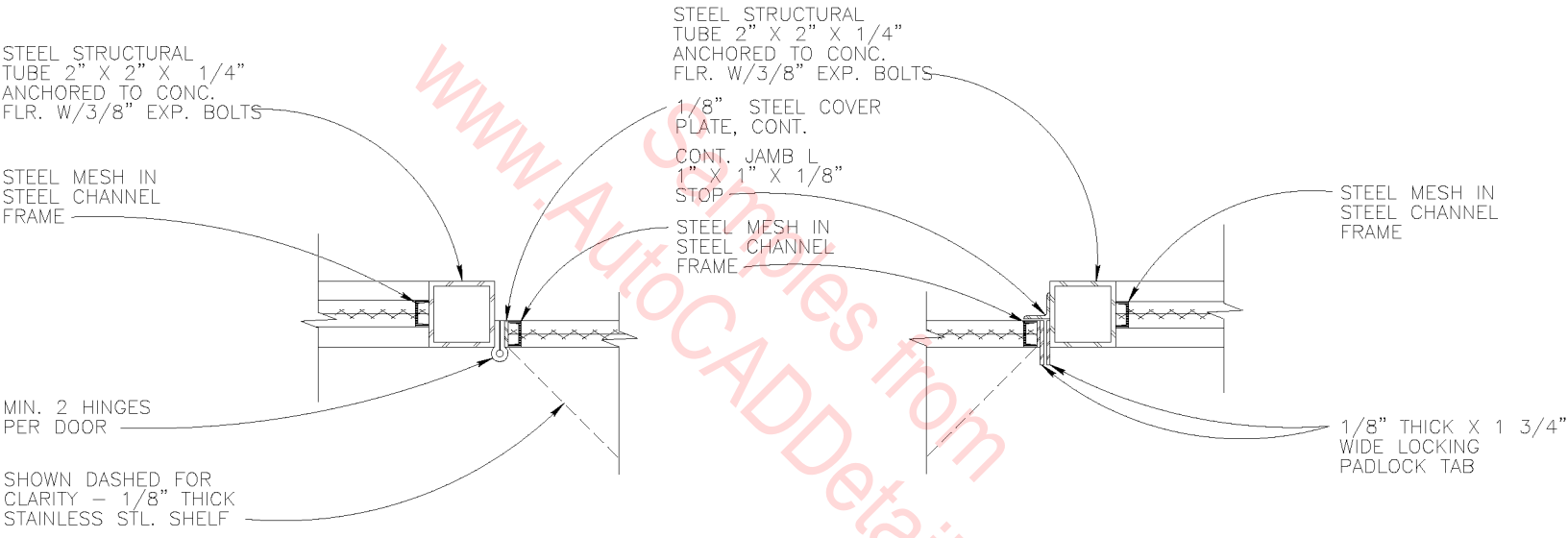




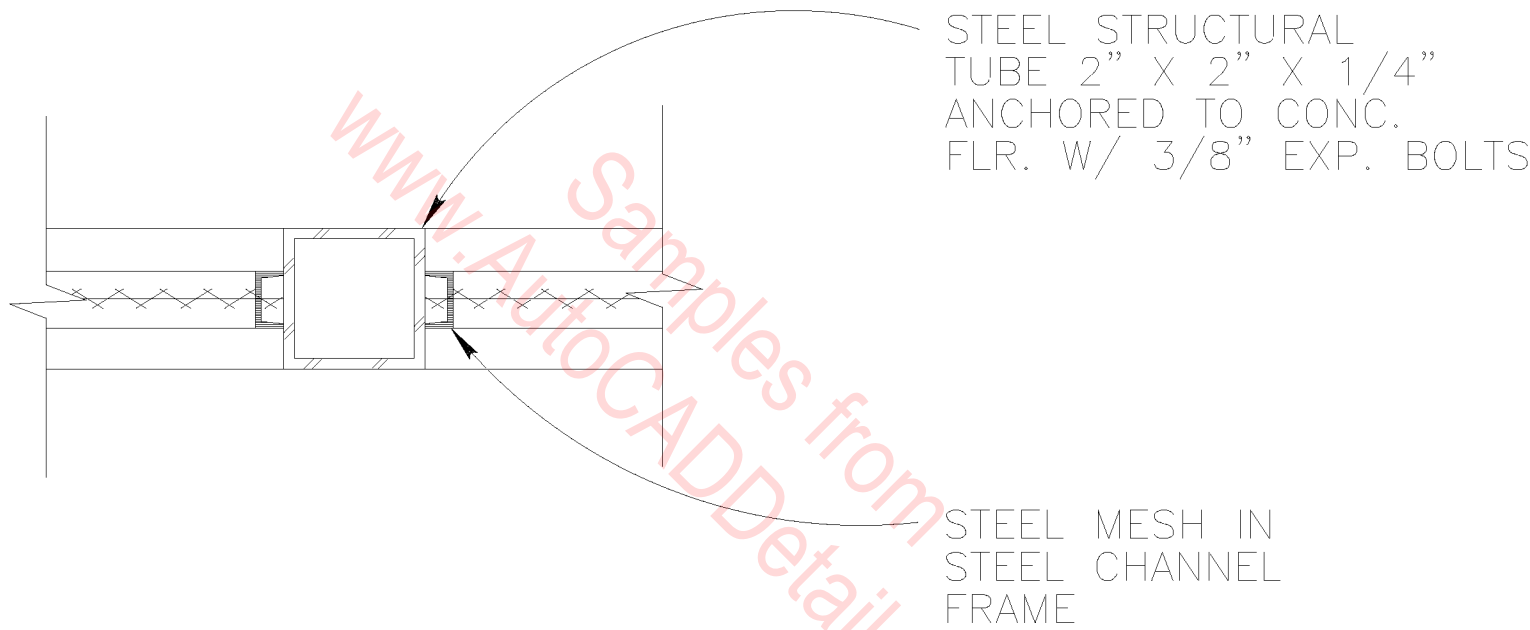
# CAGING DETAIL

SCALE : 3" = 1'-0"

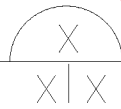


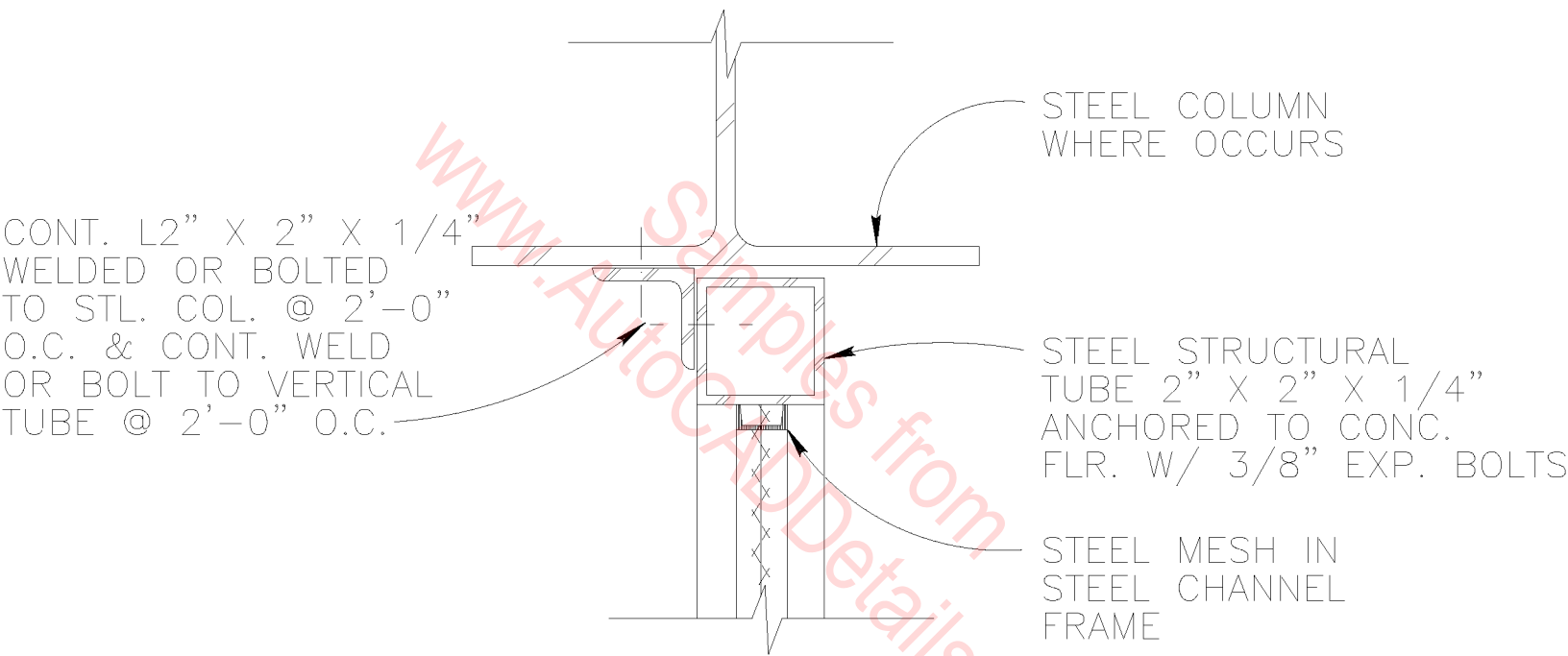


CAGING DOOR DETAIL X  
 SCALE : 3"=1'-0" XIX

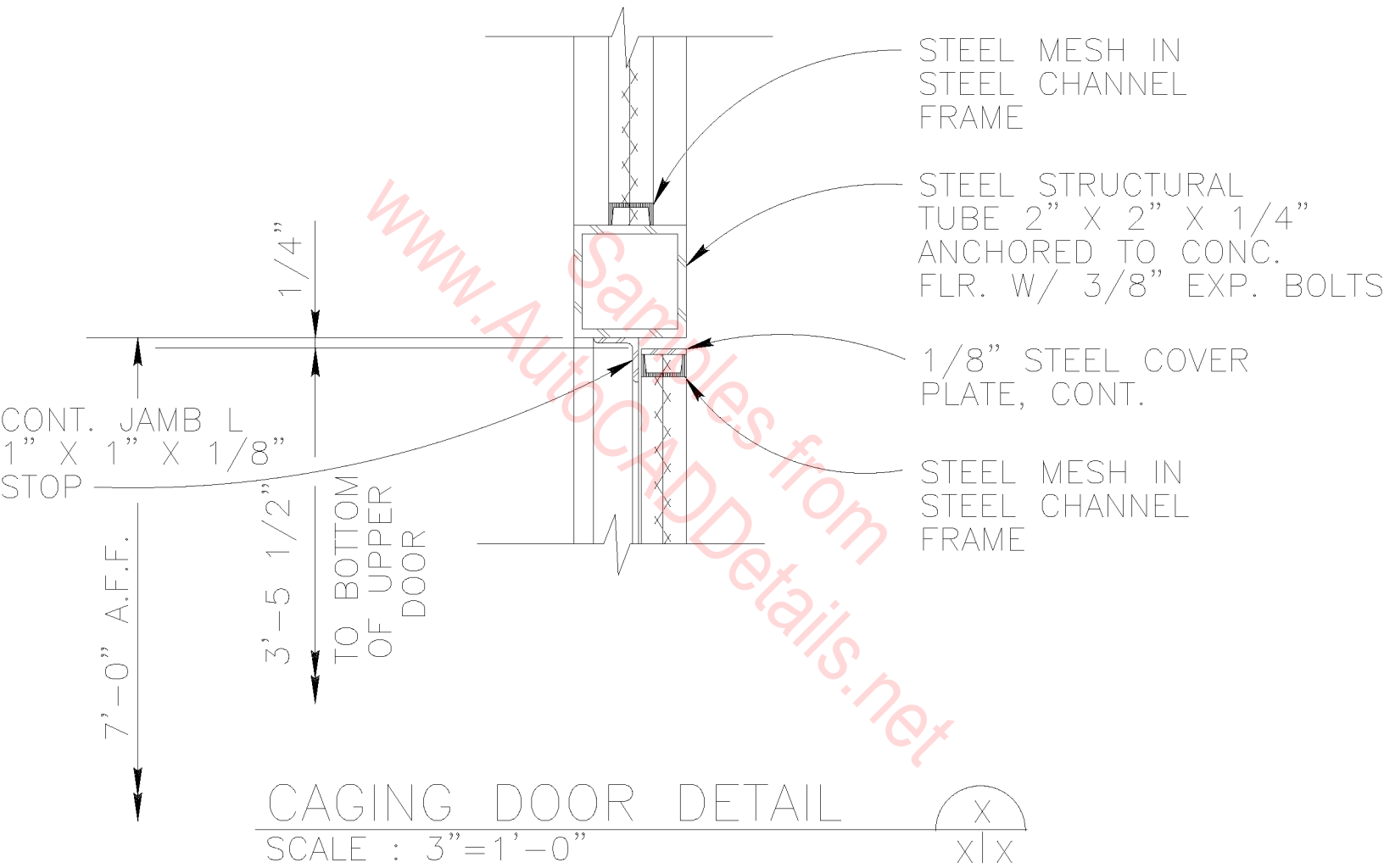


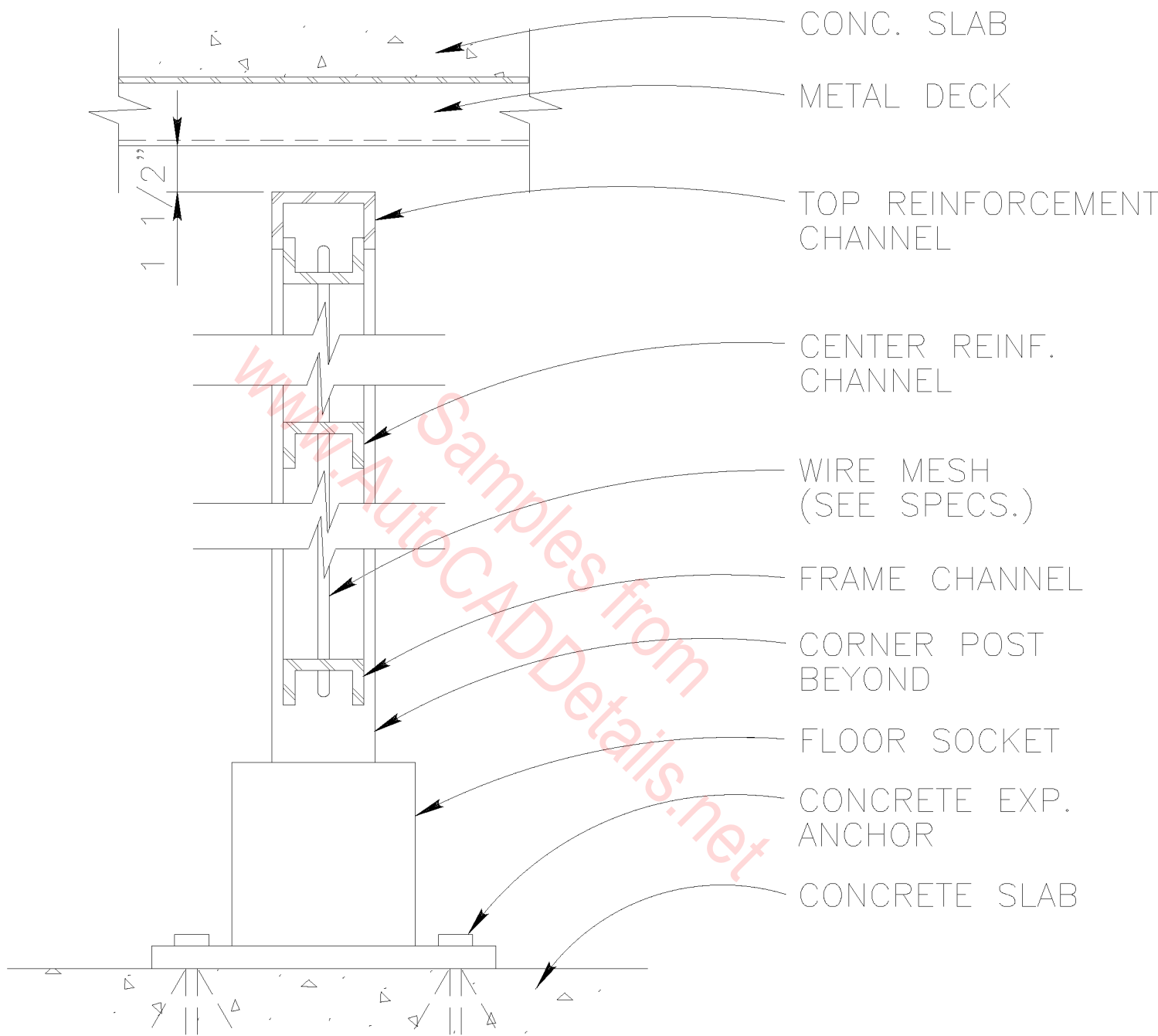
CAGING DOOR DETAIL  
SCALE : 3" = 1'-0"





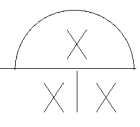
CAGING DOOR DETAIL X  
X|X  
 SCALE : 3"=1'-0"

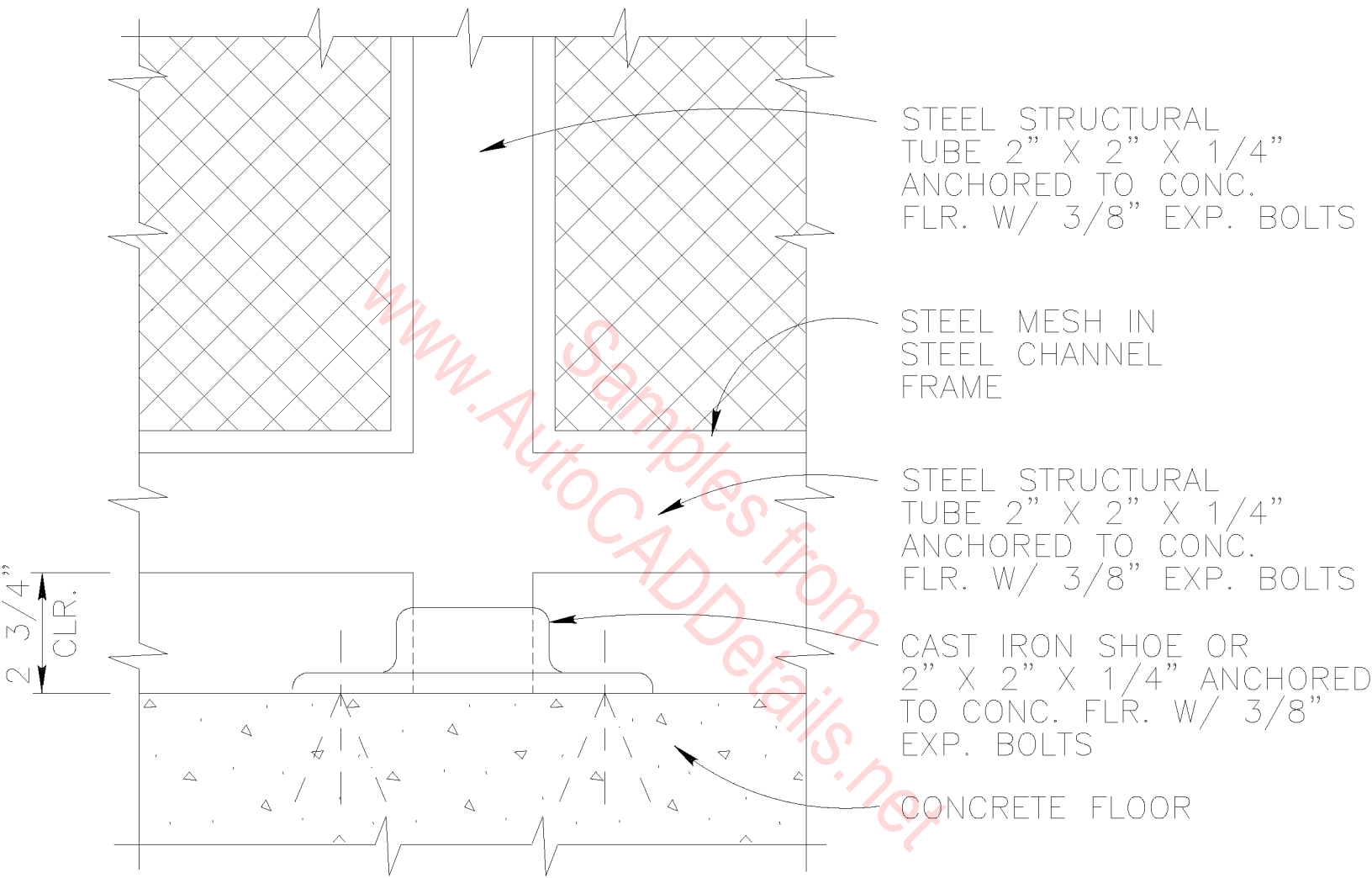




WIRE MESH DETAIL

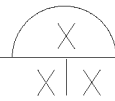
SCALE : 3" = 1'-0"





WIRE MESH DETAIL

SCALE : 3" = 1'-0"





STEEL STRUCT.  
TUBE 2" X 2" X  
1/4" ANCHORED  
TO CONC. FLR.  
W/3/8" EXP.BOLTS

STEEL MESH IN  
STEEL CHANNEL  
FRAME

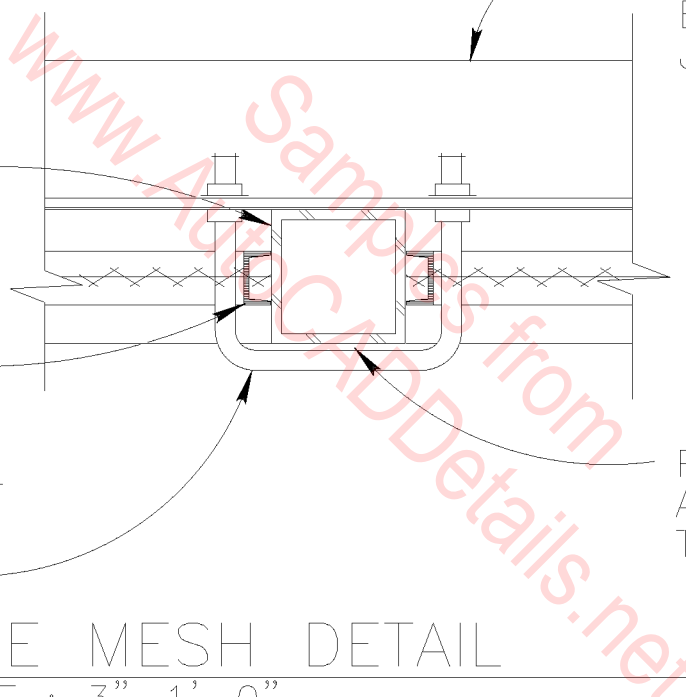
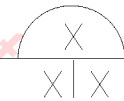
MIN. 3/8" DIA. BOLT  
W/ PAIRS OF LOCK  
WASHERS & NUTS

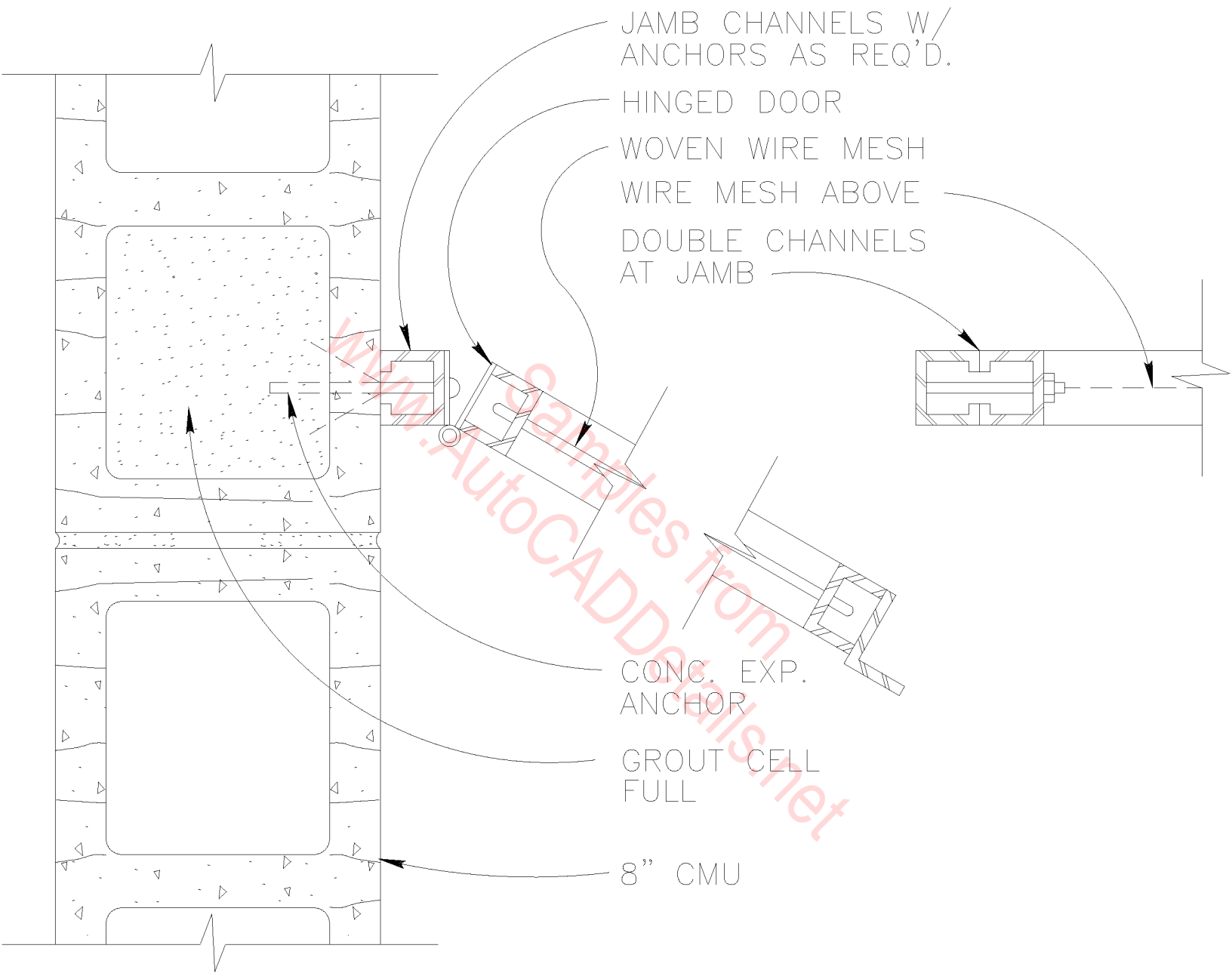
CONT. L3" X 3" X 3/16"  
(TYP.) CONNECTED TO  
BOTTOM SIDE OF  
JOIST (NOT SHOWN)

PROVIDE 1/8" CLR.  
AROUND VERTICAL  
TUBE & CHANNELS

### WIRE MESH DETAIL

SCALE : 3" = 1'-0"





WIRE MESH DOOR JAMB  $\frac{x}{x|x}$

SCALE : 3" = 1'-0"

STEEL STRUCTURAL  
TUBE 2" X 2" X 1/4"  
ANCHORED TO CONC.  
FLR. W/3/8" EXP. BOLTS

CAST IRON SHOE OR  
2" X 2" X 1/4" ANCHORED  
TO CONC. FLR. W/3/8"  
EXP. BOLTS

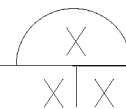
STEEL MESH IN  
STEEL CHANNEL  
FRAME

1/8" STEEL COVER  
PLATE, CONT.

CONCRETE FLOOR

### WIRE MESH DETAIL

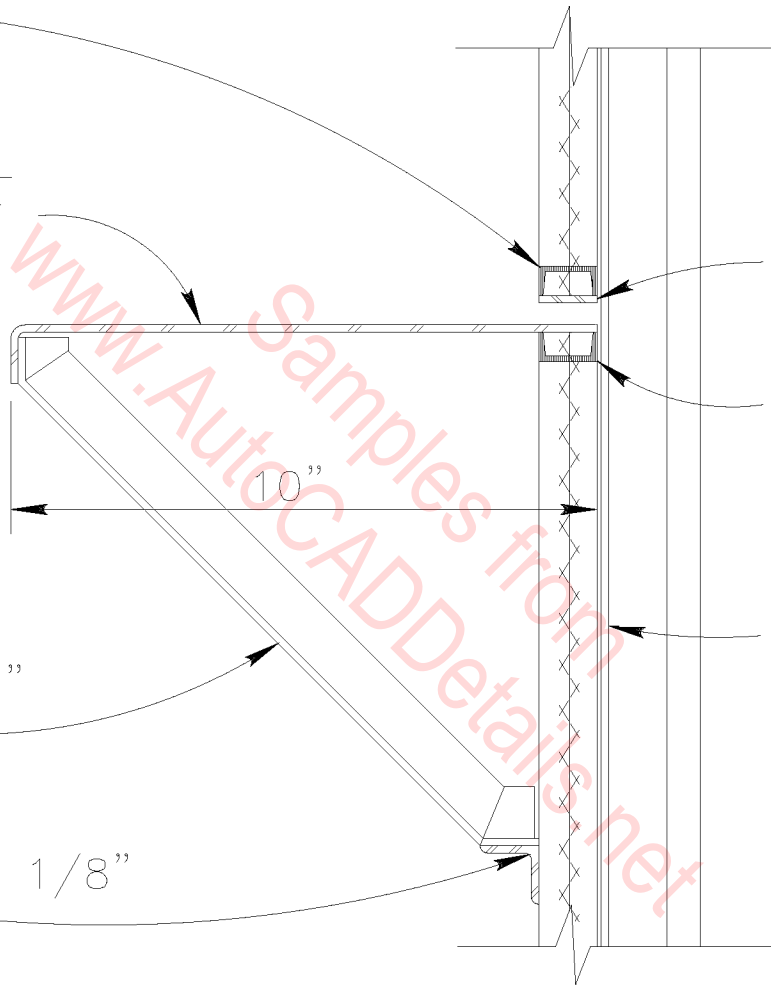
SCALE : 3" = 1'-0"



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STEEL MESH IN  
STEEL CHANNEL  
FRAME

SHOWN DASHED  
FOR CLARITY -  
1/8" THICK STAIN-  
LESS STEEL SHELF



1/8" STEEL COVER  
PLATE, CONT.

STEEL MESH IN  
STEEL CHANNEL  
FRAME

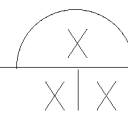
CONT. JAMB L  
1" X 1" X 1/8"  
STOP

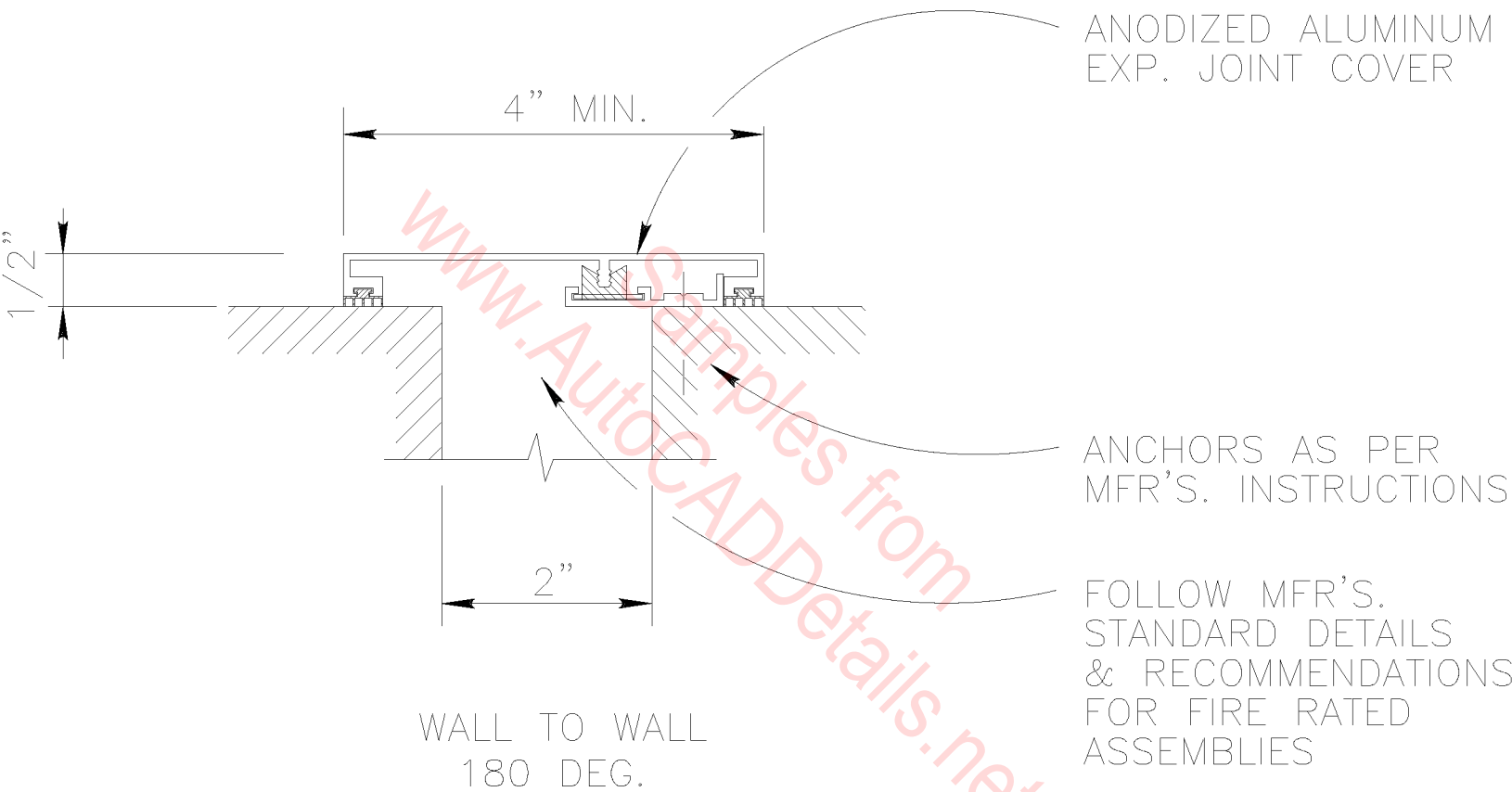
MIN. 2 - L1" X 1"  
X 1/8" BRACE

CONT. L1" X 1" X 1/8"  
BRACE SUPPORT

# WIRE MESH SHELVING

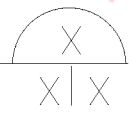
SCALE : 3" = 1'-0"



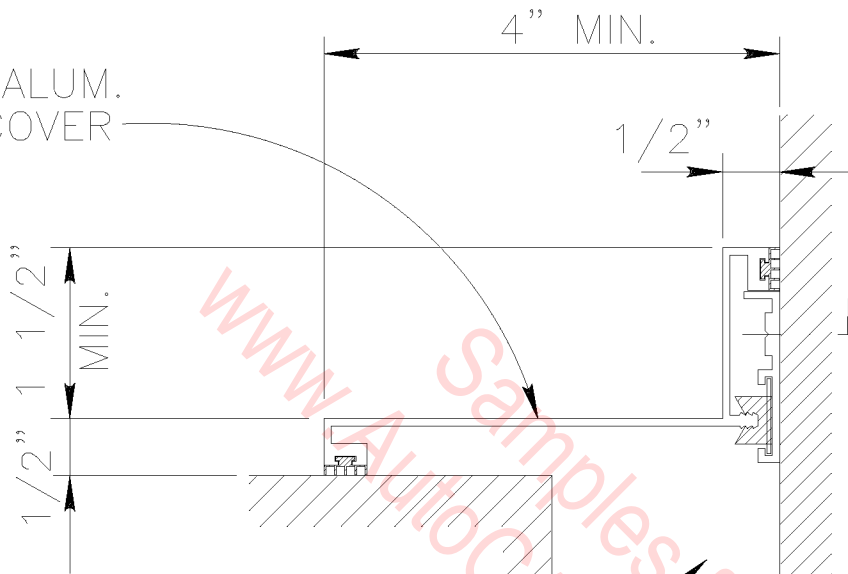


EXP. JOINT DETAIL

SCALE : 6" = 1'-0"



ANODIZED ALUM.  
EXP. JT. COVER



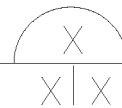
ANCHORS AS PER  
MFR'S. INSTRUCTIONS

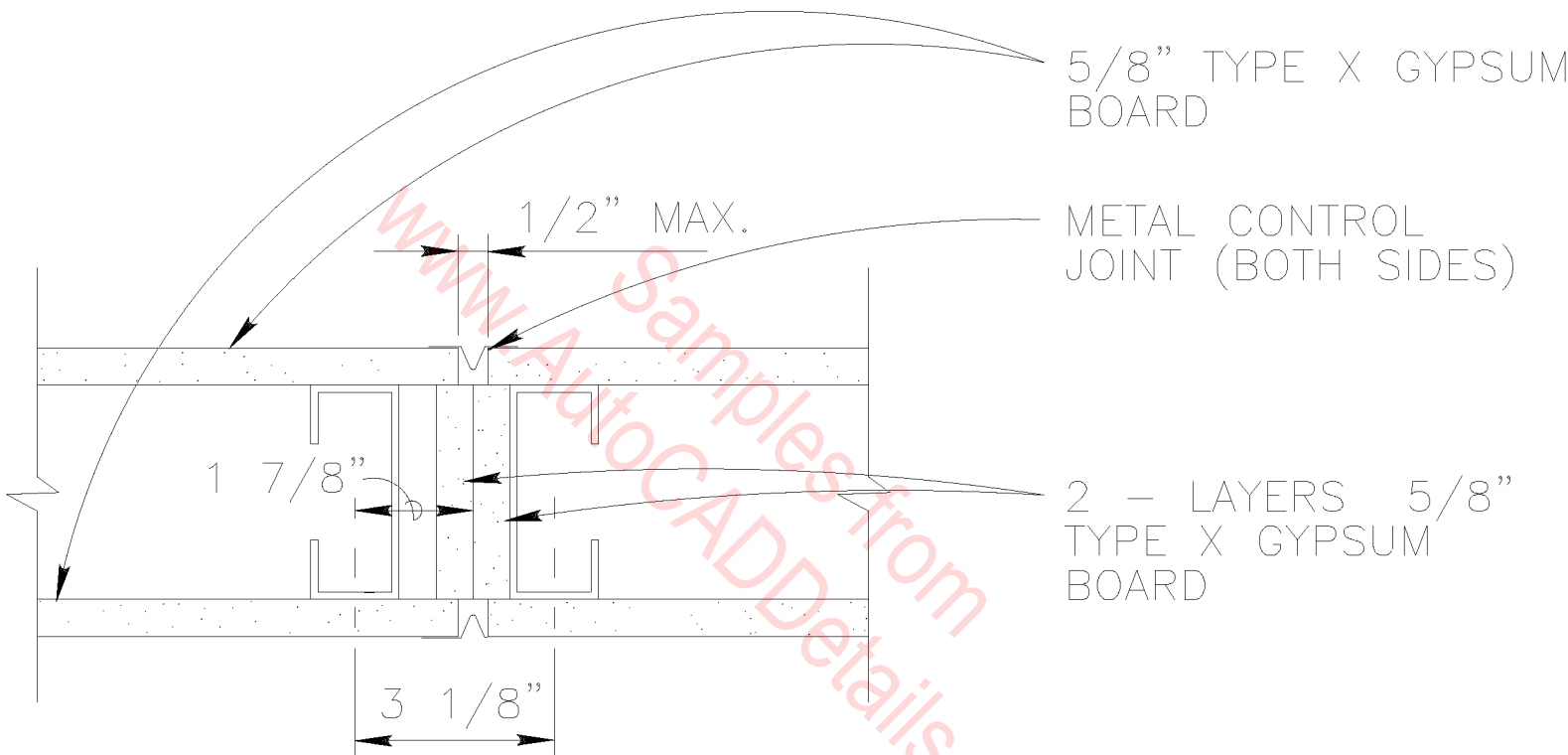
FOLLOW MFR'S.  
STANDARD DETAILS  
& RECOMMENDATIONS  
FOR FIRE RATED  
ASSEMBLIES

WALL TO WALL  
90 DEG.

EXP. JOINT DETAIL

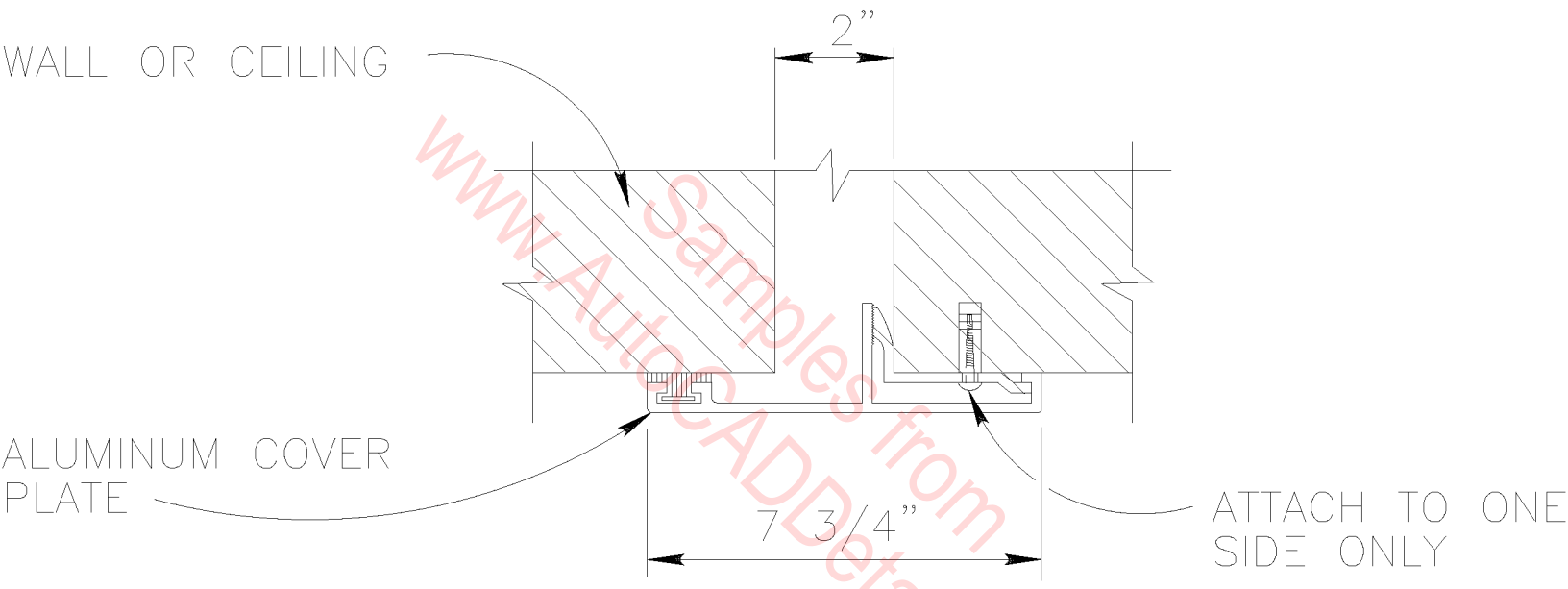
SCALE : 6" = 1'-0"





FIRE RATED GYPSUM DETAIL X  
X|X

SCALE : 3" = 1'-0"

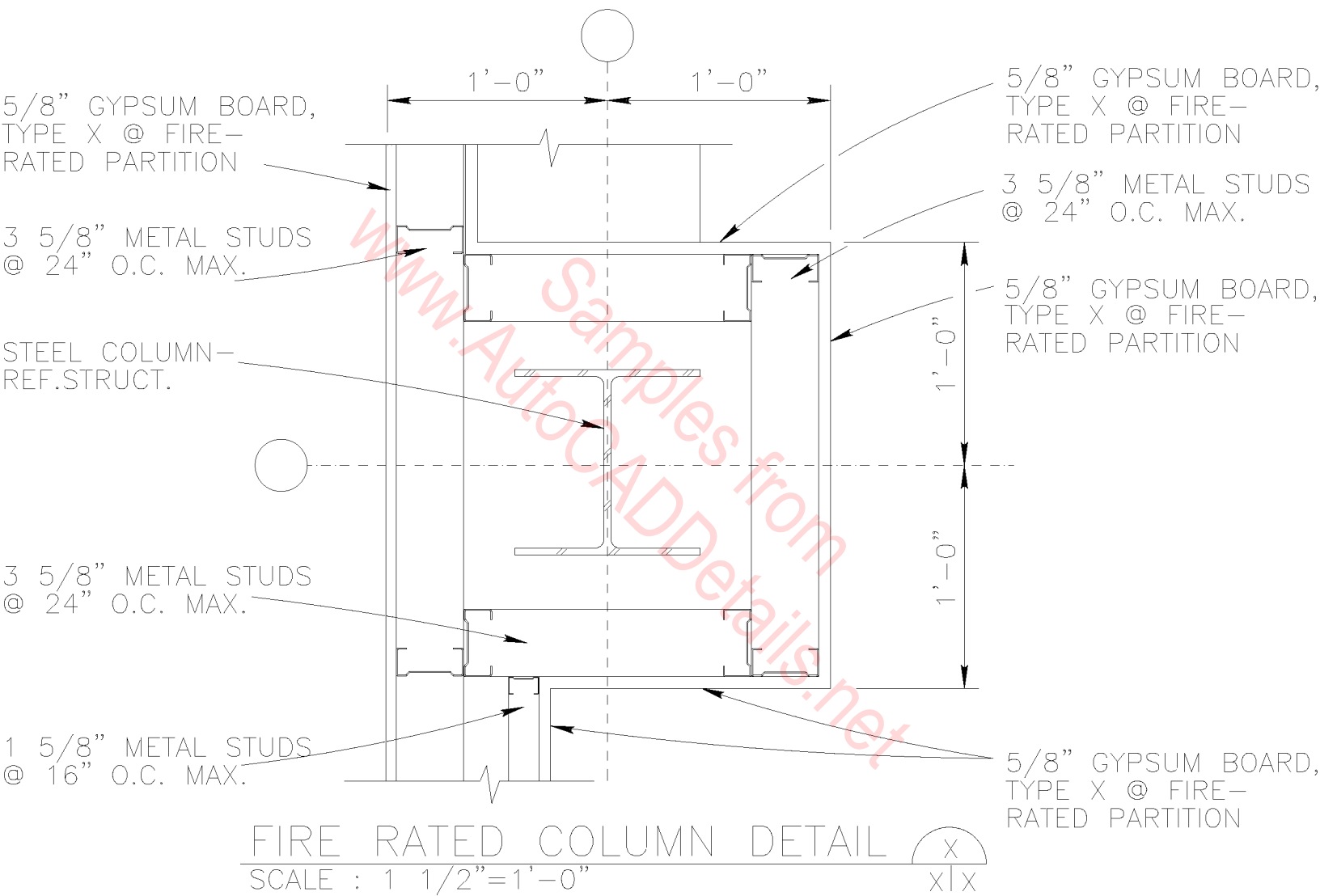


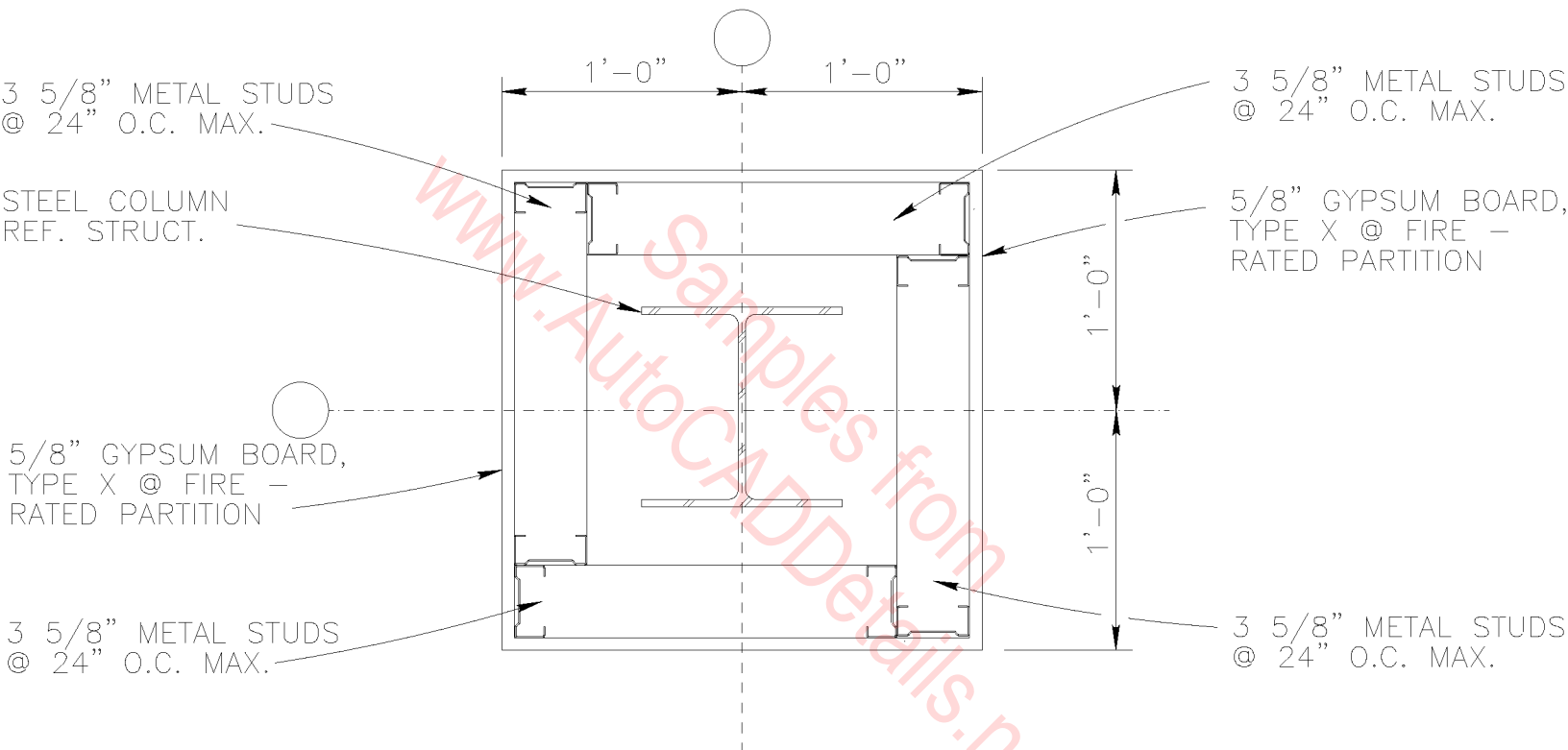
TYP. EXP. JOINT

SCALE : 3" = 1'-0"

X  
X|X

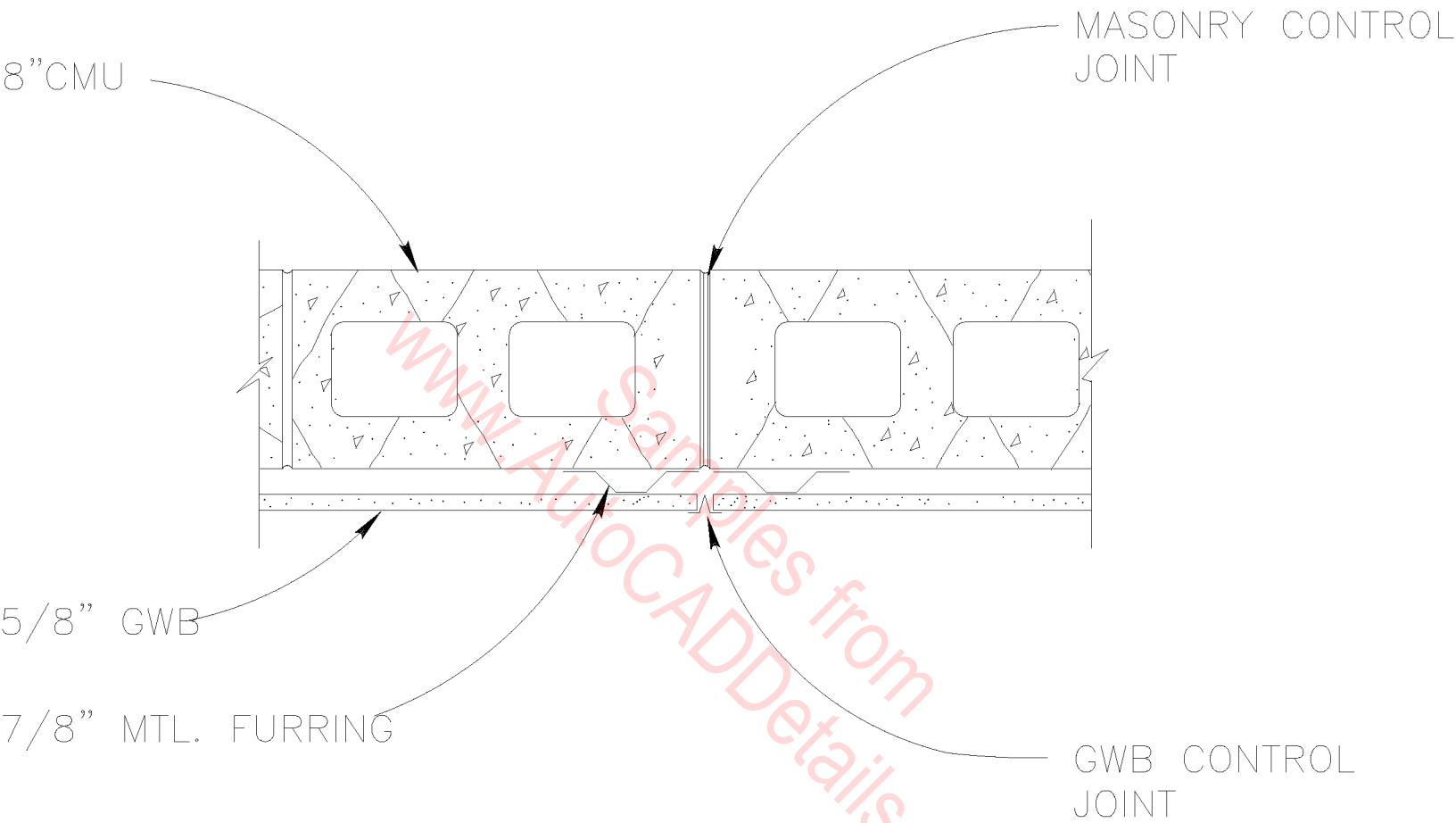






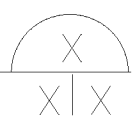
FIRE RATED COLUMN DETAIL X  
XIX

SCALE : 1 1/2" = 1'-0"



WALL DETAIL (TYP.)

SCALE : 1 1/2" = 1'-0"



5/8" GYPSUM BOARD,  
TYPE X @ FIRE -  
RATED PARTITION

3 5/8" METAL STUDS  
@ 24" O.C. MAX.

STEEL COLUMN  
REF. STRUCT.

5/8" GYPSUM BOARD,  
TYPE X @ FIRE -  
RATED PARTITION

3 5/8" METAL STUDS  
@ 24" O.C. MAX.

6" METAL STUDS  
@ 16" O.C. - REF.  
STRUCTURAL

BATT INSULATION

1/2" PLYWOOD SHEATHING

FACE BRICK

DOOR AS SCHEDULED

5/8" GYPSUM BOARD,  
TYPE X @ FIRE -  
RATED PARTITION

3 5/8" METAL STUDS  
@ 24" O.C. MAX.

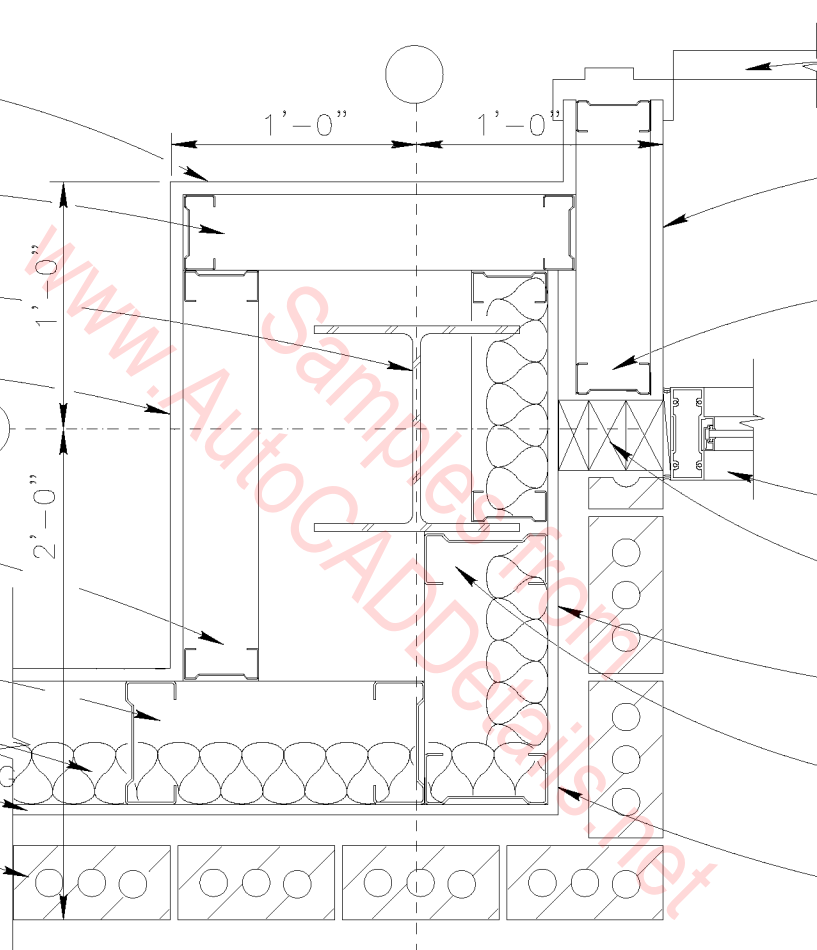
CURTAINWALL OR  
WINDOW FRAME

WOOD BLOCKING  
AS NEEDED

1/2" PLYWOOD  
SHEATHING

6" METAL STUDS  
@ 16" O.C. - REF.  
STRUCTURAL

1/2" PLYWOOD  
SHEATHING



FIRE RATED WALL DETAIL

SCALE : 1 1/2" = 1'-0"



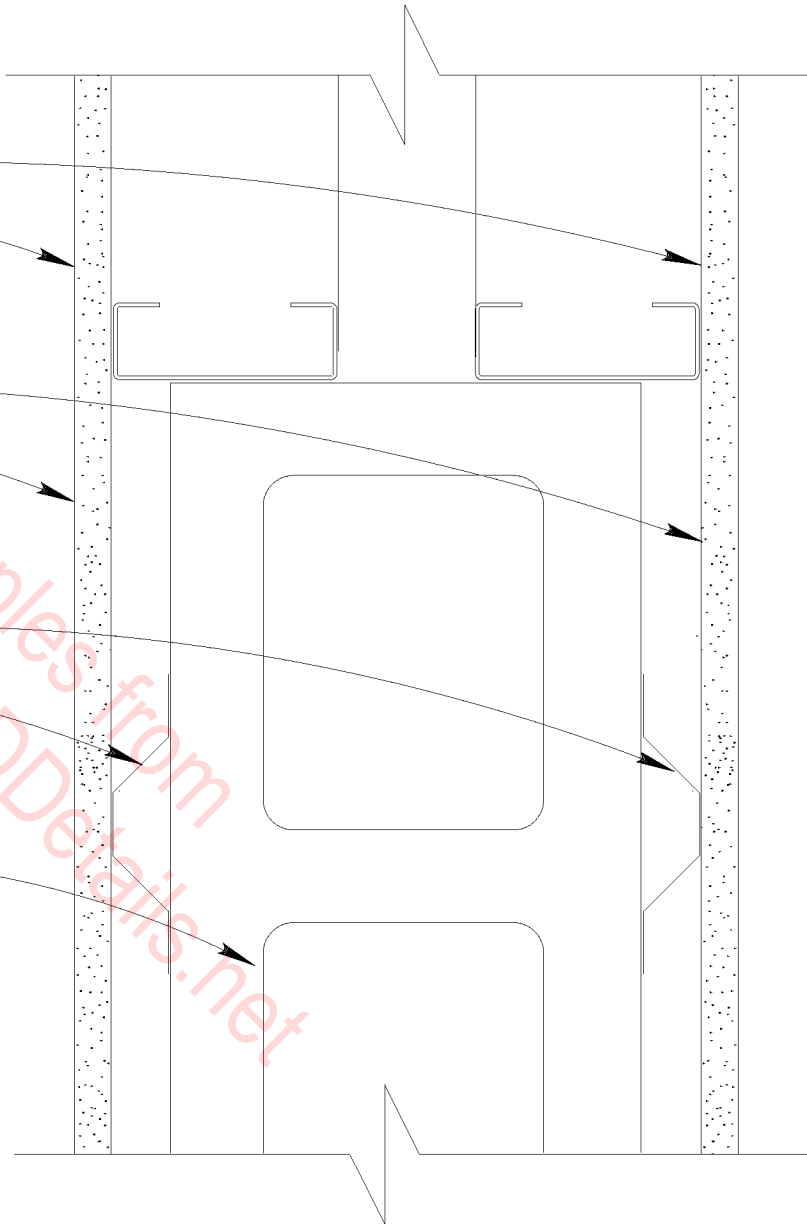
5/8" GWB OVER  
3 5/8" METAL STUDS  
AT 16" O.C.

5/8" G.W.B.

7/8" CHANNELS  
AT 16" O.C.

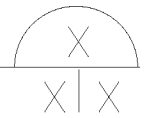
EXISTING 8" C.M.U.

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Samples from

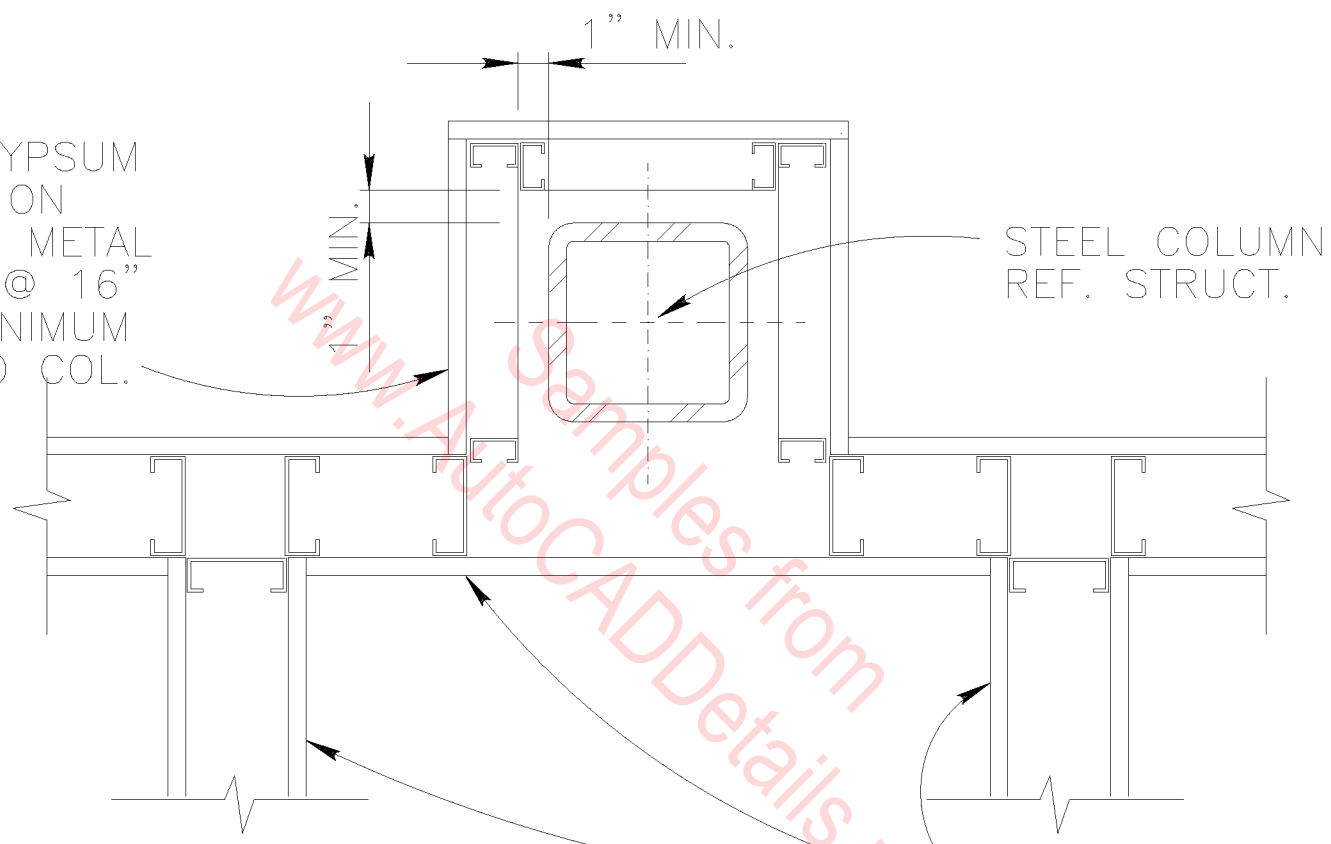


GYPSUM WALL DETAIL

SCALE : 3" = 1'-0"



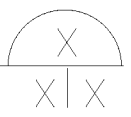
5/8" GYPSUM BOARD ON 1 5/8" METAL STUDS @ 16" O.C. MINIMUM AROUND COL.

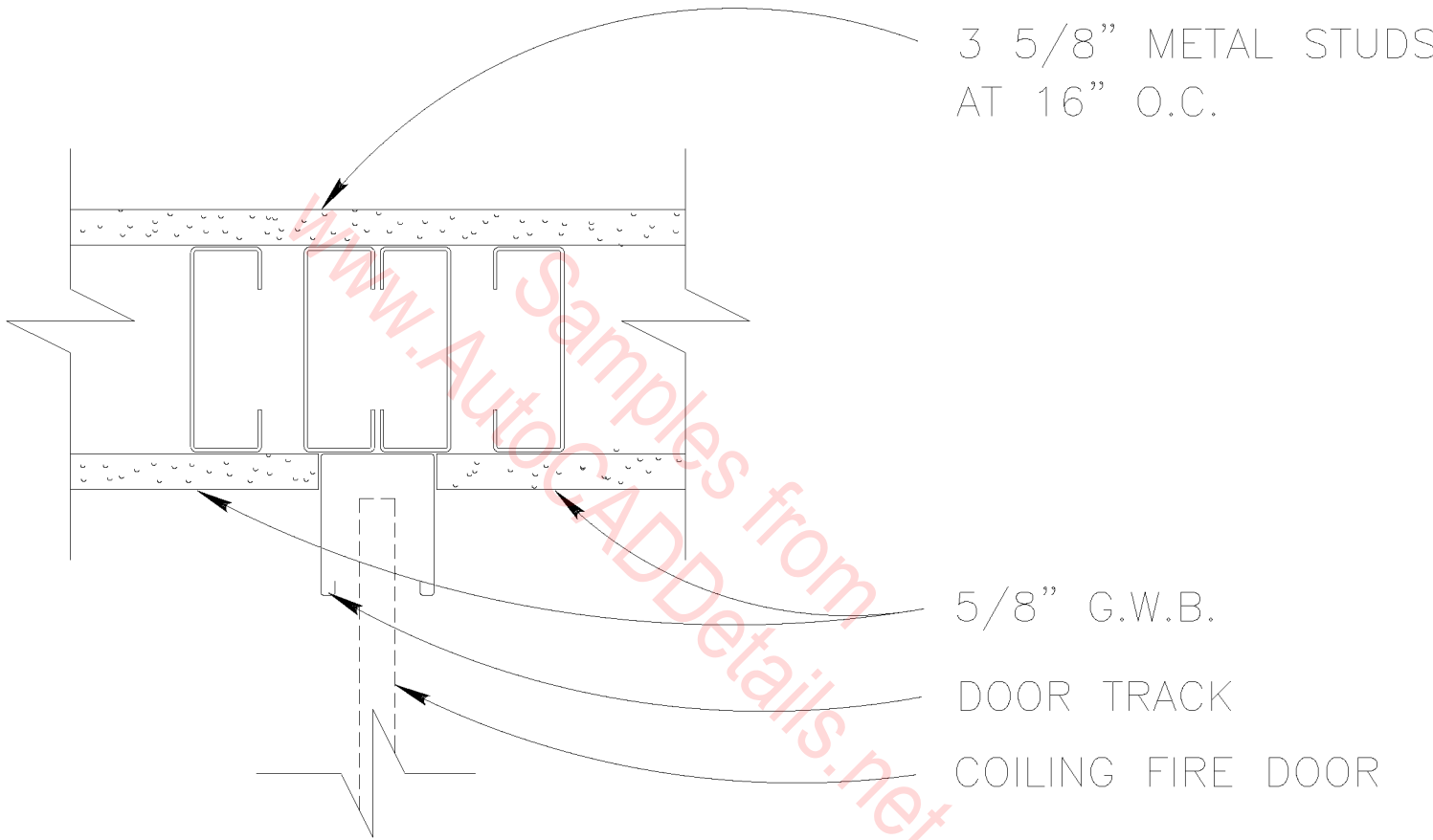


5/8" GYPSUM BOARD ON 3 5/8" METAL STUDS @ 24" O.C.

### GYPSUM WALL DETAIL

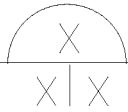
SCALE : 1 1/2" = 1'-0"





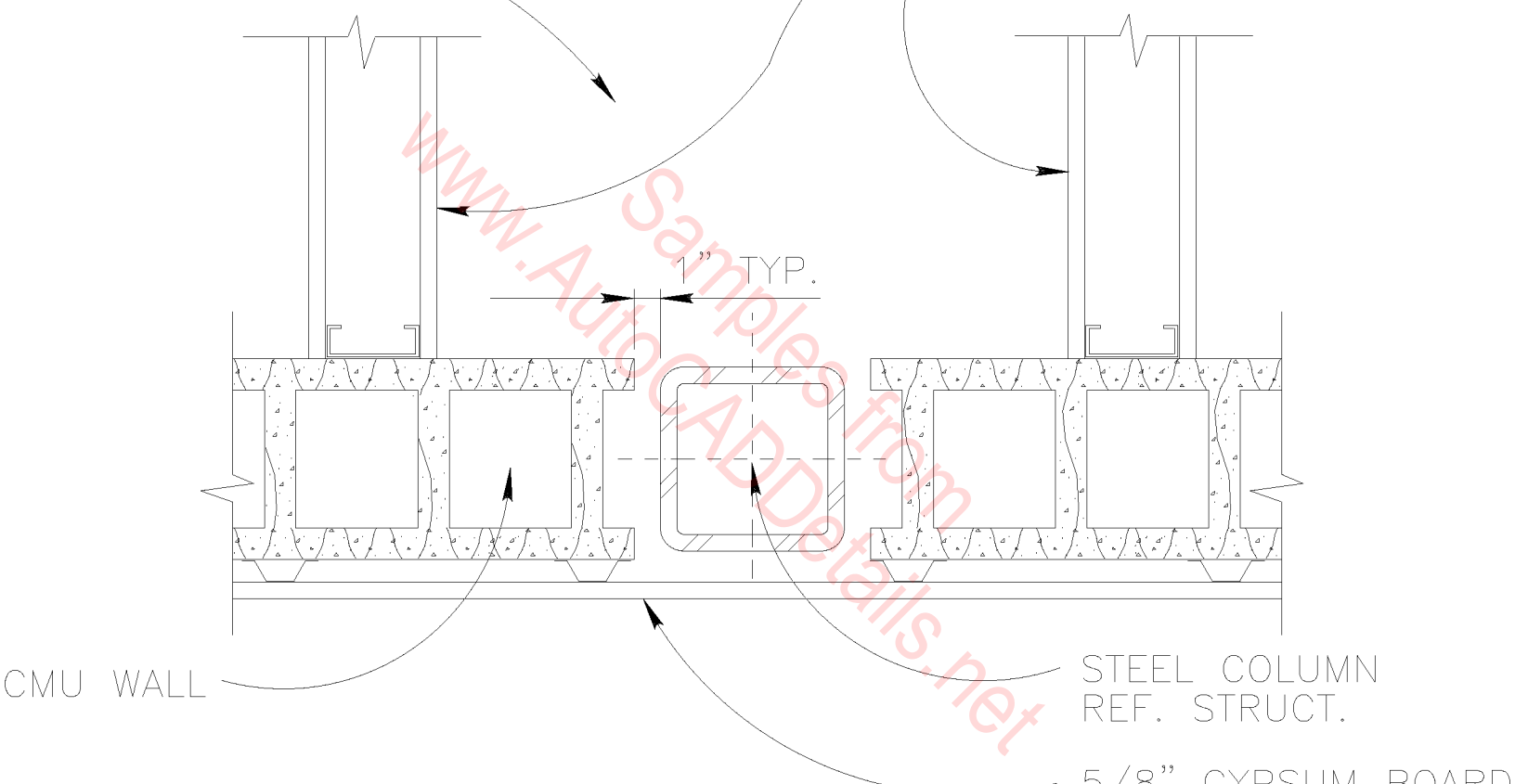
JAMB DETAIL

SCALE : 3" = 1'-0"



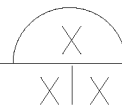
ACCORDION DOOR  
POCKET

5/8" GYPSUM BOARD  
ON 3 5/8" METAL  
STUDS @ 24" O.C.

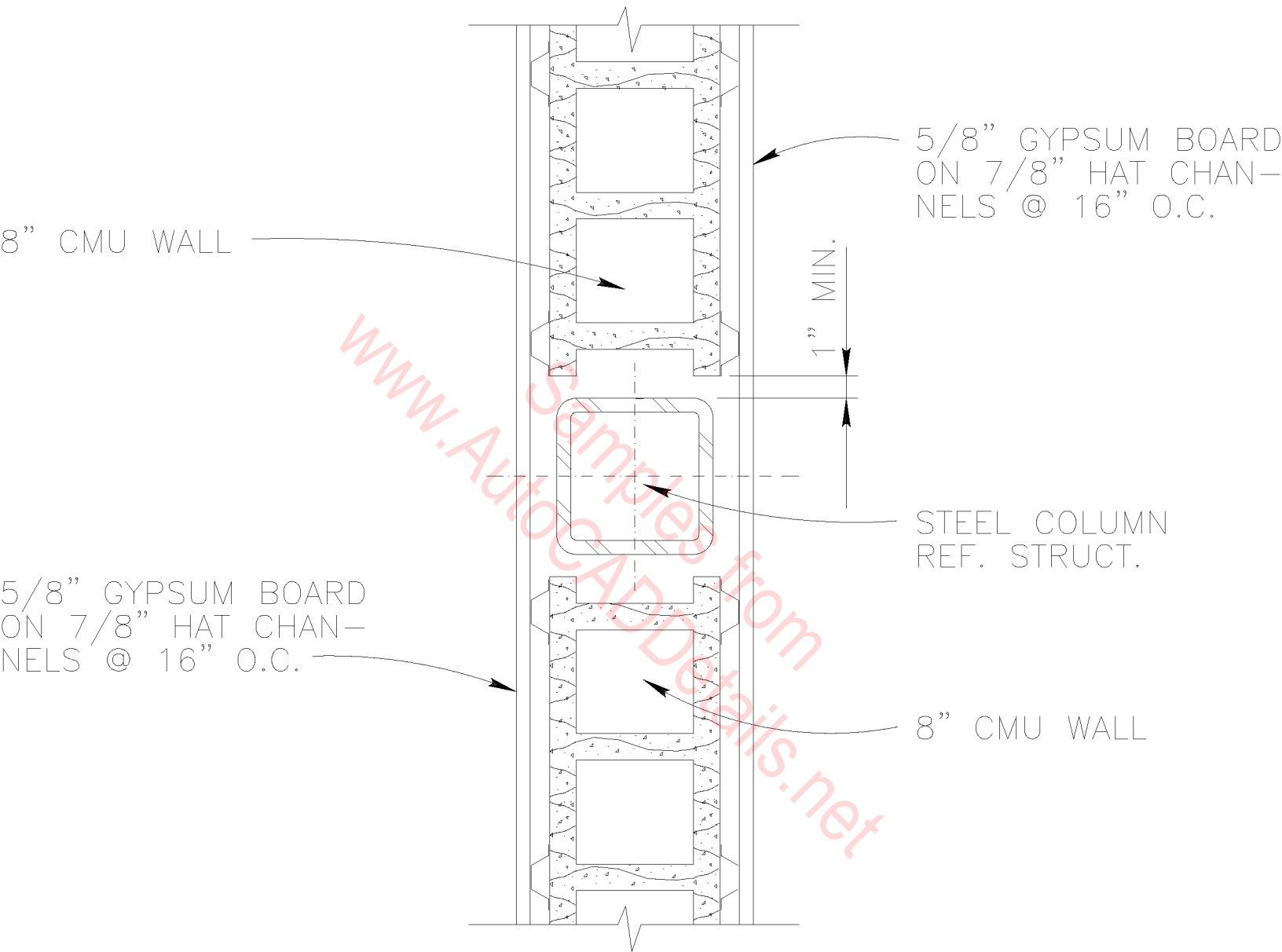


# GYPSUM WALL DETAIL

SCALE : 1 1/2" = 1'-0"

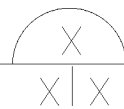






GYPSUM WALL DETAIL

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE  
TOP OF WALL CONDITIONS  
VARY (SEE STRUCT.)

CONCRETE MASONRY UNIT  
(SEE FLR. PLAN FOR SIZE)

FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

5/8" GWB ON 7/8"  
METAL FURRING

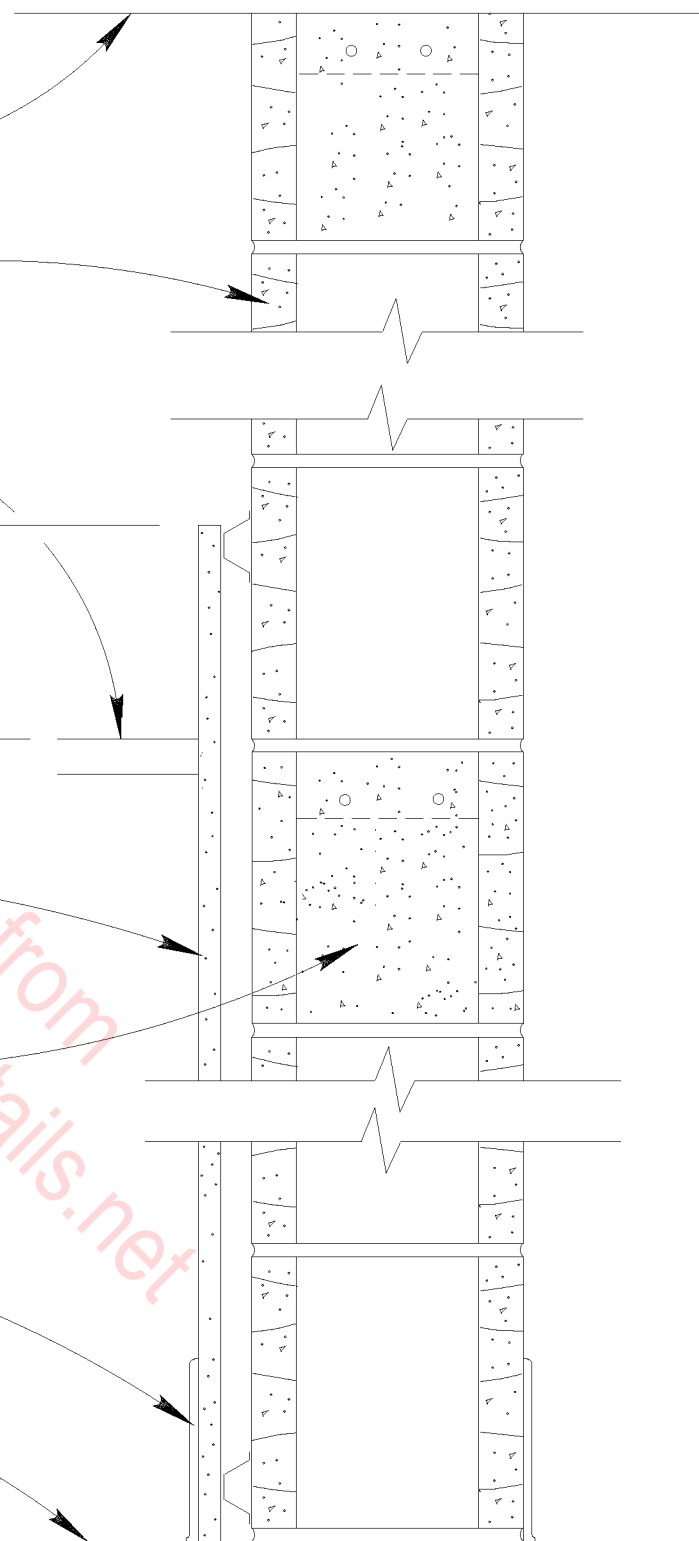
INTERMEDIATE BOND  
BEAM (SEE STRUCT.)

WALL BASE (SEE  
SCHEDULE)

FINISH FLOOR  
(SEE SCHED.)

6" TYP

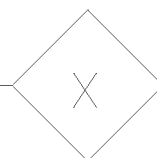
www.AutoCADDetails.net  
Samples from



CONCRETE MASONRY UNIT

GWB ONE SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE  
TOP OF WALL CONDITIONS  
VARY (SEE STRUCT.)

CONCRETE MASONRY UNIT  
(SEE FLR. PLAN FOR SIZE)

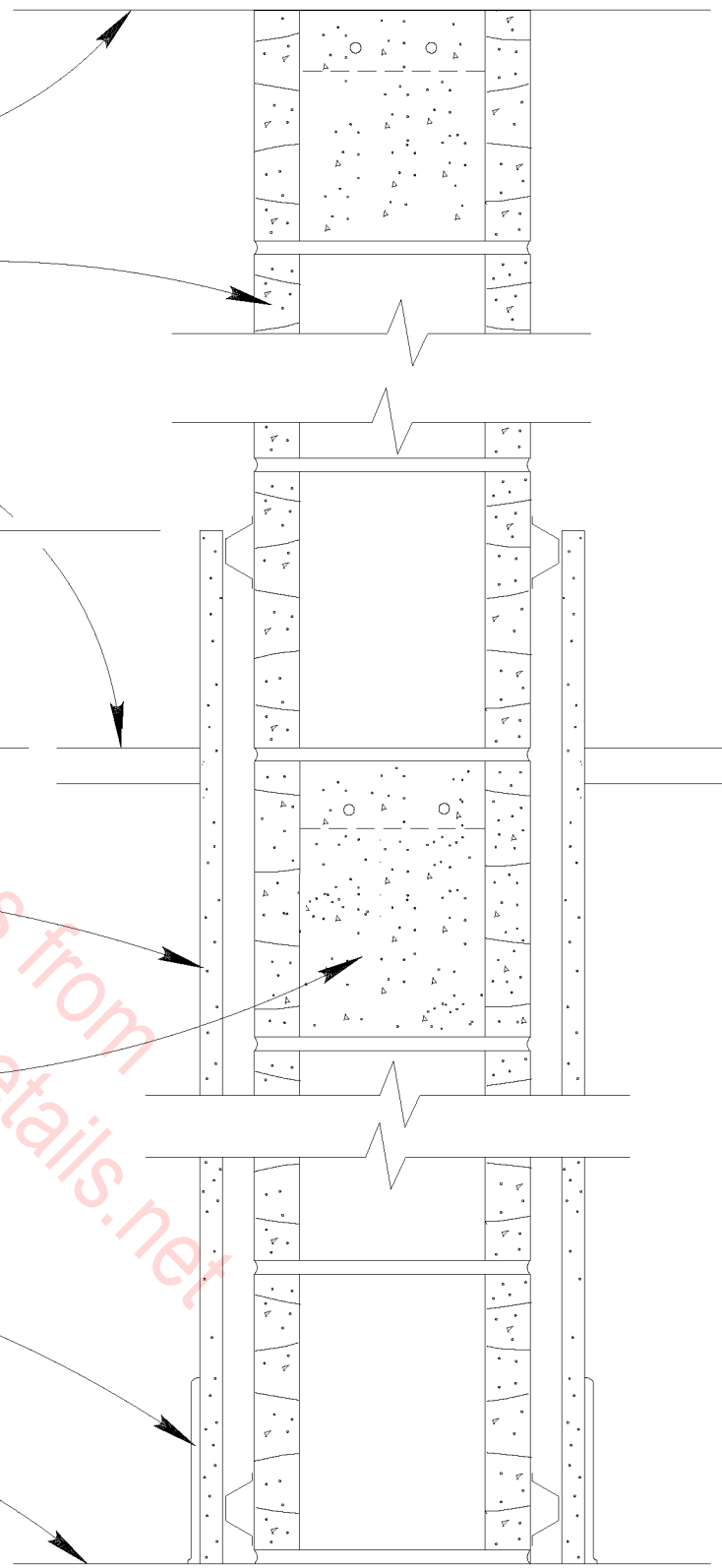
FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

5/8" GWB ON 7/8"  
METAL FURRING  
EACH SIDE

INTERMEDIATE BOND  
BEAM (SEE STRUCT.)

WALL BASE (SEE  
SCHEDULE)

FINISH FLOOR  
(SEE SCHED.)

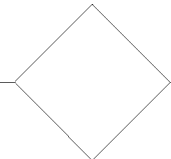


www.AutocADDetails.net  
Samples from

CONCRETE MASONRY UNIT

GWB EACH SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE  
TOP OF WALL CONDITIONS  
VARY (SEE STRUCT.)

CONCRETE MASONRY UNIT  
(SEE FLR. PLAN FOR SIZE)

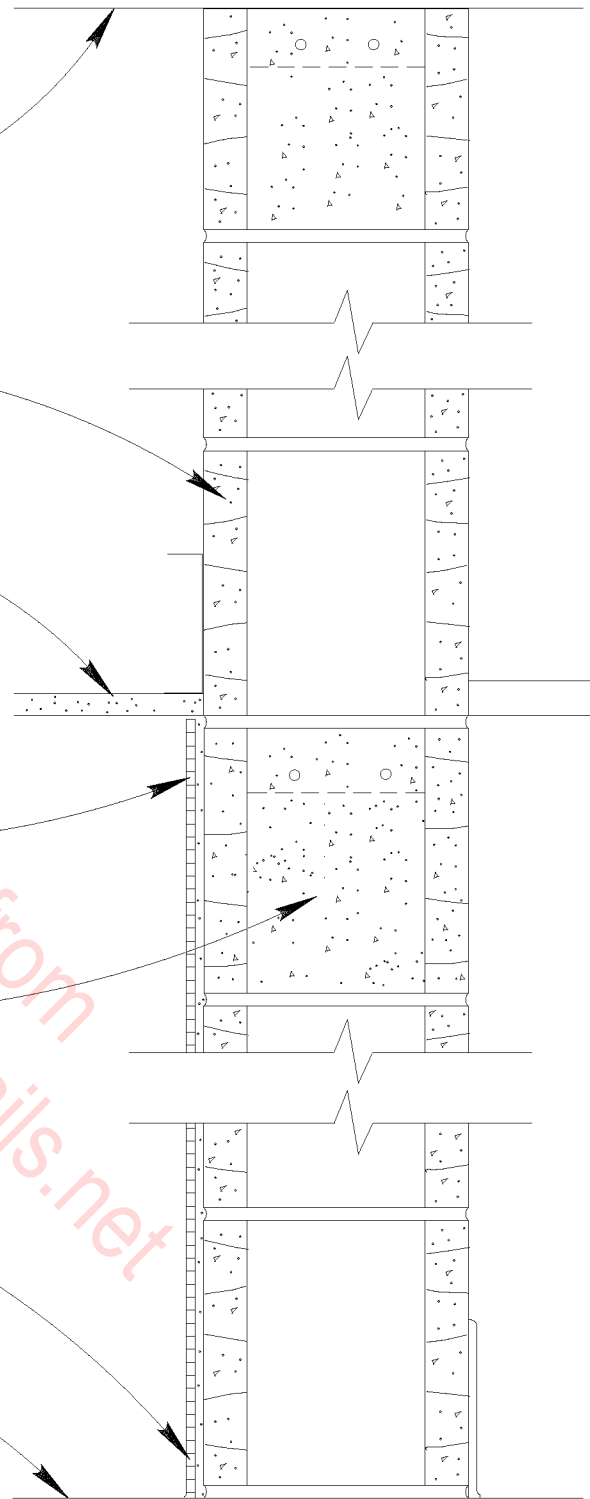
FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

CERAMIC WALL TILE  
TCA METHOD W-202

INTERMEDIATE BOND  
BEAM (SEE STRUCT.)

WALL BASE (SEE  
SCHEDULE)

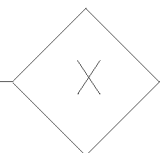
FINISH FLOOR  
(SEE SCHED.)



CONCRETE MASONRY UNIT

CERAMIC TILE ONE SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE  
TOP OF WALL CONDITIONS  
VARY (SEE STRUCT.)

CONCRETE MASONRY UNIT  
(SEE FLR. PLAN FOR SIZE)

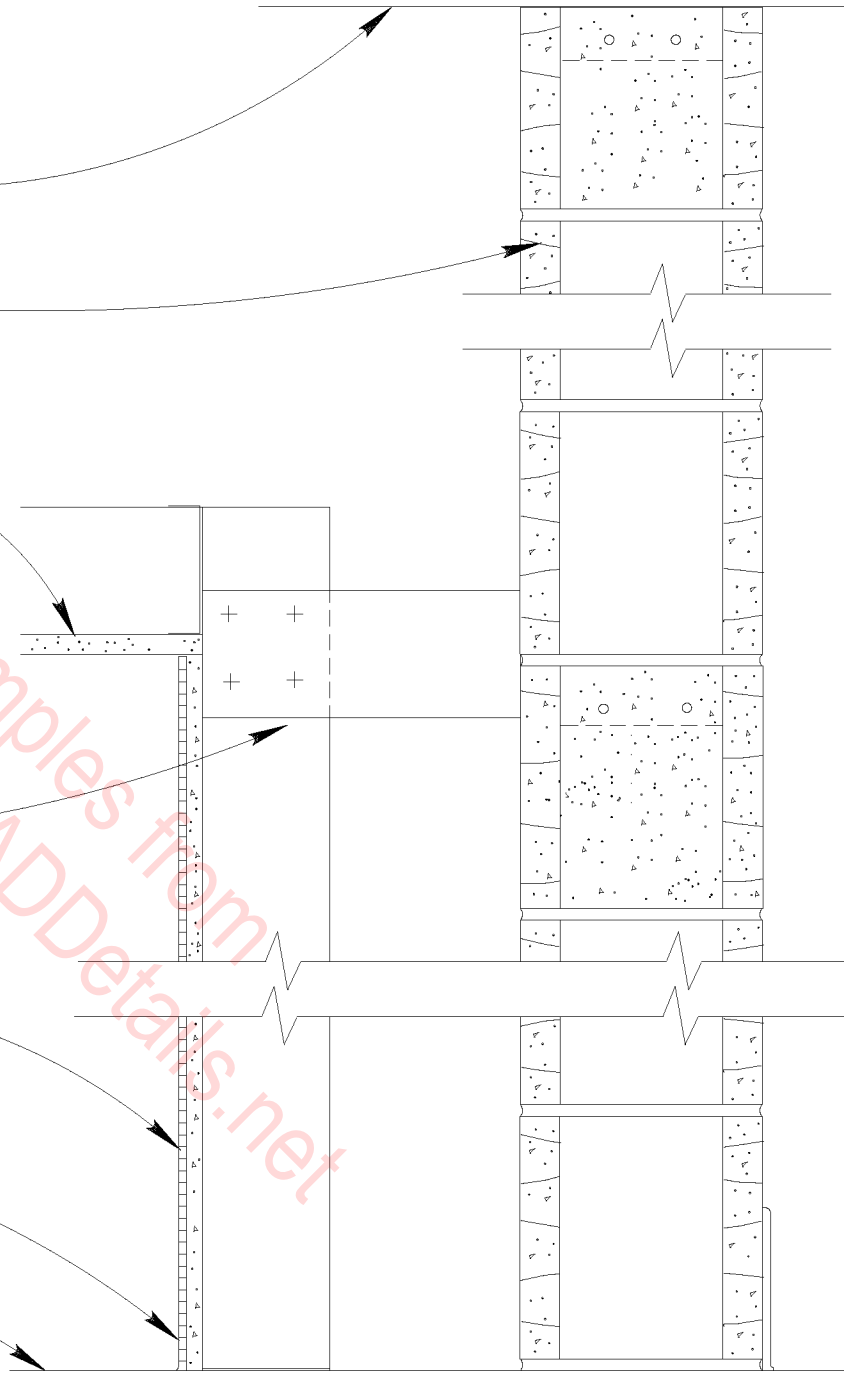
FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

METAL STUD FRAMING  
@ 16" O.C. (SEE PLANS  
FOR SIZE)

CERAMIC WALL TILE  
TCA METHOD W-202

WALL BASE (SEE  
SCHEDULE)

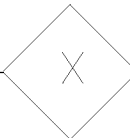
FINISH FLOOR  
(SEE SCHED.)



PLUMBING CHASE

CERAMIC TILE ONE SIDE

SCALE : 1 1/2" = 1'-0"



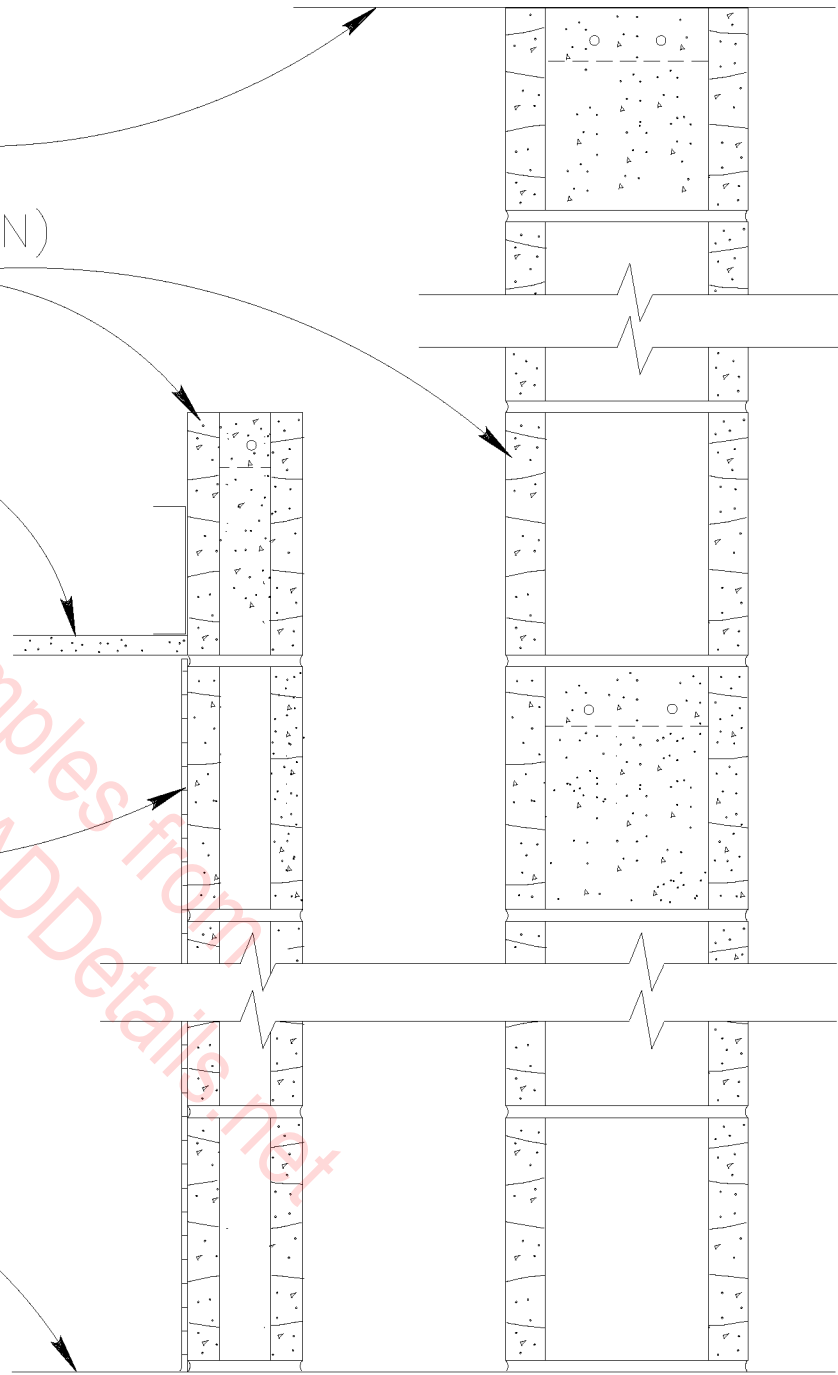
UNDERSIDE OF STRUCTURE  
TOP OF WALL CONDITIONS  
VARY (SEE STRUCT.)

CONCRETE MASONRY UNIT (PLAIN)  
(SEE FLR. PLAN FOR SIZE)

FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

PRE-GLAZED CMU (SEE  
PLANS FOR SIZE)

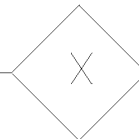
FINISH FLOOR  
(SEE SCHED.)



# PLUMBING CHASE

PRE-GLAZED ONE SIDE

SCALE : 1 1/2" = 1'-0"



METAL STUD BRACING  
@ 16" O.C. (TYP.)

FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

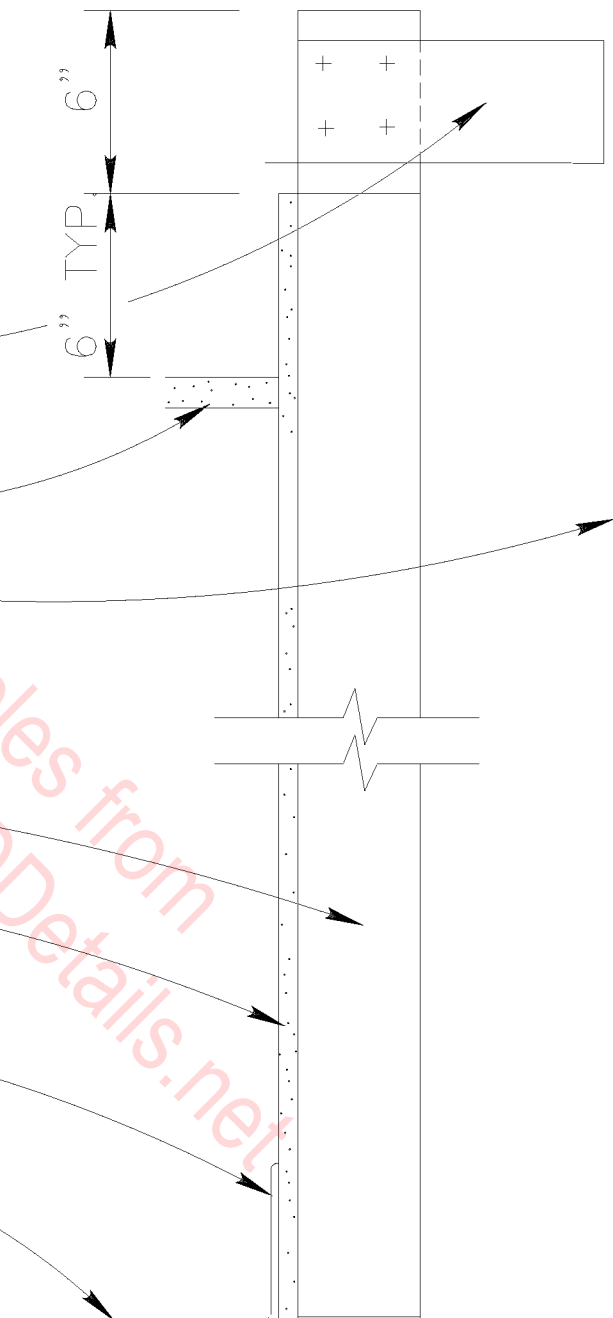
OUTLINE OF STRUCTURE

METAL STUD FRAMING  
@ 16" O.C. (SEE PLANS  
FOR SIZE)

5/8" GWB

WALL BASE (SEE  
SCHEDULE)

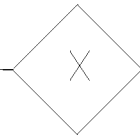
FINISH FLOOR  
(SEE SCHED.)



# METAL STUD PARTITION

GWB ONE SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE

METAL STUD BRACING  
ALTERNATE DIRECTION  
@ 4'-0" O.C. (TYP.)

METAL STUD FRAMING  
@ 16" O.C. (SEE PLANS  
FOR SIZE)

FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

5/8" GWB EACH SIDE

WALL BASE (SEE  
SCHEDULE)

FINISH FLOOR  
(SEE SCHED.)

1/2"

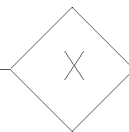
6" TYP.

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# METAL STUD PARTITION

GWB EACH SIDE

SCALE : 1 1/2"=1'-0"





UNDERSIDE OF STRUCTURE

METAL STUD BRACING  
ALTERNATE DIRECTION  
@ 4'-0" O.C. (TYP.)

METAL STUD FRAMING  
@ 16" O.C. (SEE PLANS  
FOR SIZE)

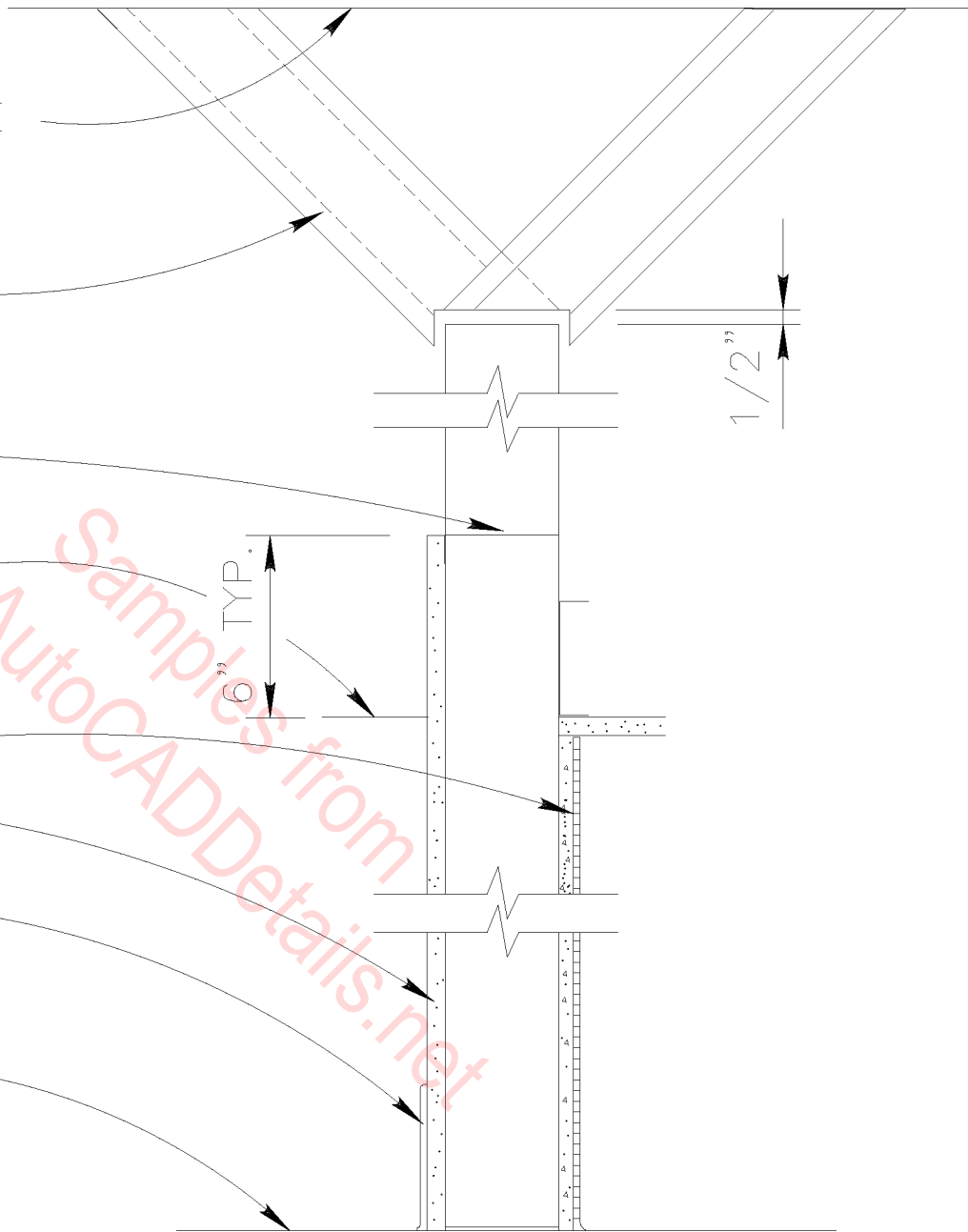
FINISH CEILING WHERE  
OCCURS (SEE SCHED.)

CERAMIC WALL TILE  
TCA METHOD W-202

5/8" GWB

WALL BASE (SEE  
SCHEDULE)

FINISH FLOOR  
(SEE SCHED.)

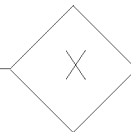


# METAL STUD PARTITION

CERAMIC TILE ONE SIDE

GWB ONE SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE

METAL STUD FRAMING  
@ 16" O.C. (SEE PLANS  
FOR SIZE)

5/8" TYPE X GWB  
EACH SIDE

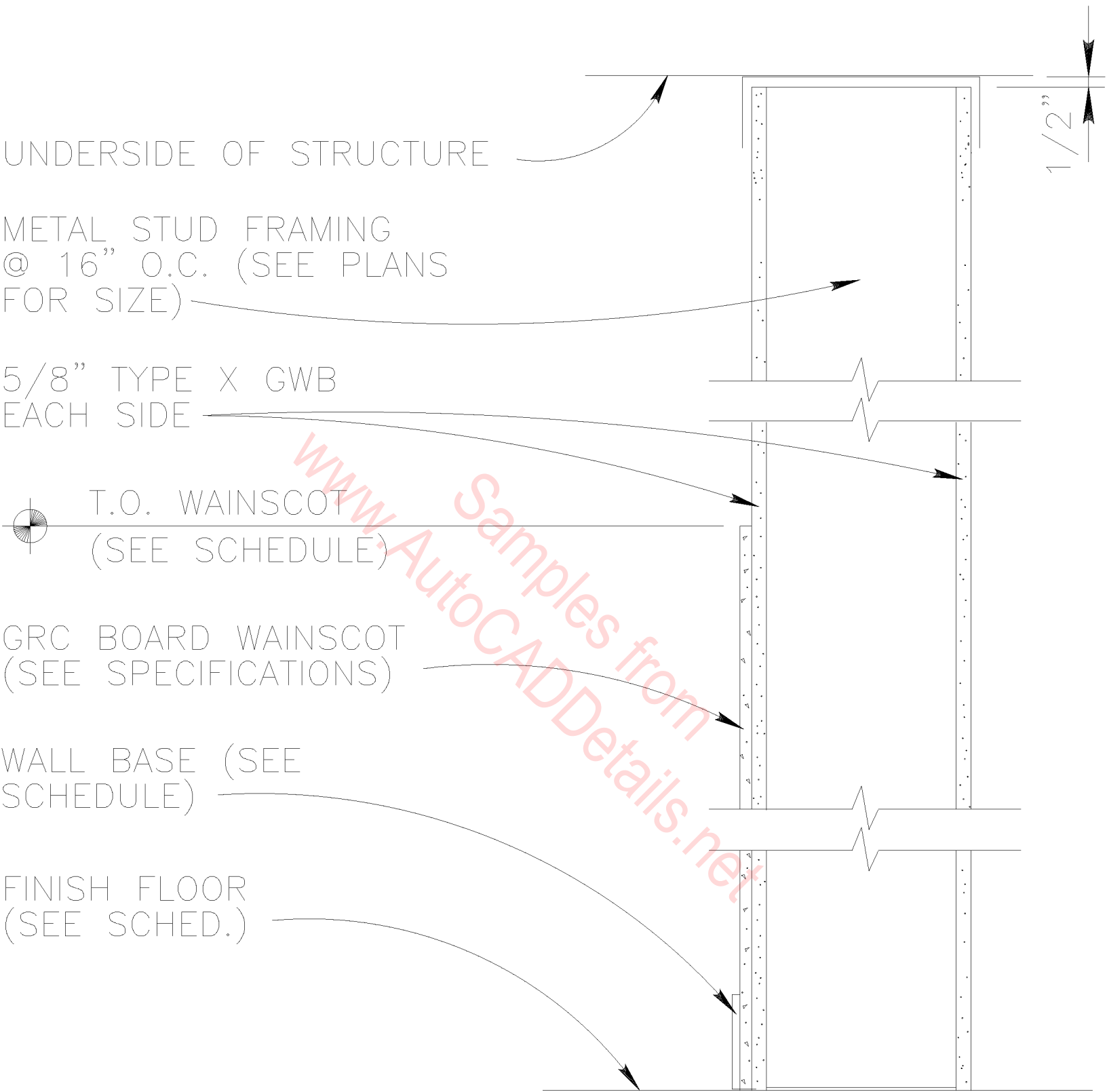
T.O. WAINSCOT  
(SEE SCHEDULE)

GRC BOARD WAINSCOT  
(SEE SPECIFICATIONS)

WALL BASE (SEE  
SCHEDULE)

FINISH FLOOR  
(SEE SCHED.)

1/2"

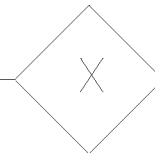


# METAL STUD PARTITION

TYPE X GWB EACH SIDE

GRC BOARD ONE SIDE

SCALE : 1 1/2" = 1'-0"



FINISH CEILING WHERE OCCURS (SEE SCHED.)

METAL STUD BRACING @ 16" O.C. (TYP.)

OUTLINE OF STRUCTURE

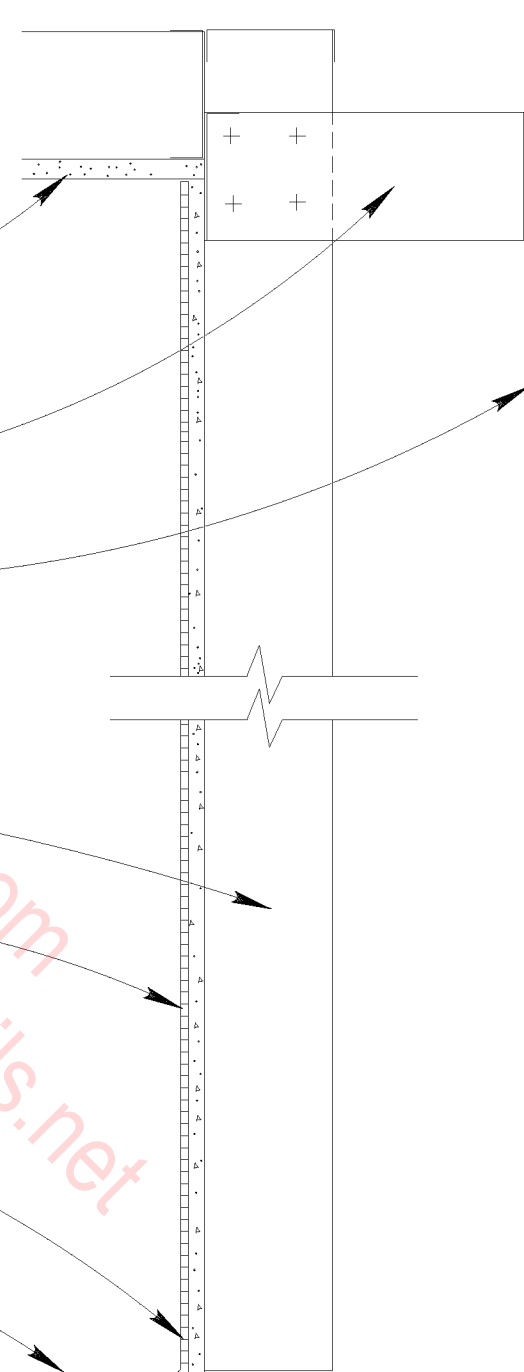
METAL STUD FRAMING @ 16" O.C. (SEE PLANS FOR SIZE)

CERAMIC WALL TILE TCA METHOD W-202

WALL BASE (SEE SCHEDULE)

FINISH FLOOR (SEE SCHED.)

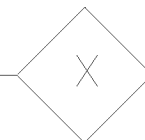
www.AutocADDetails.net Samples from

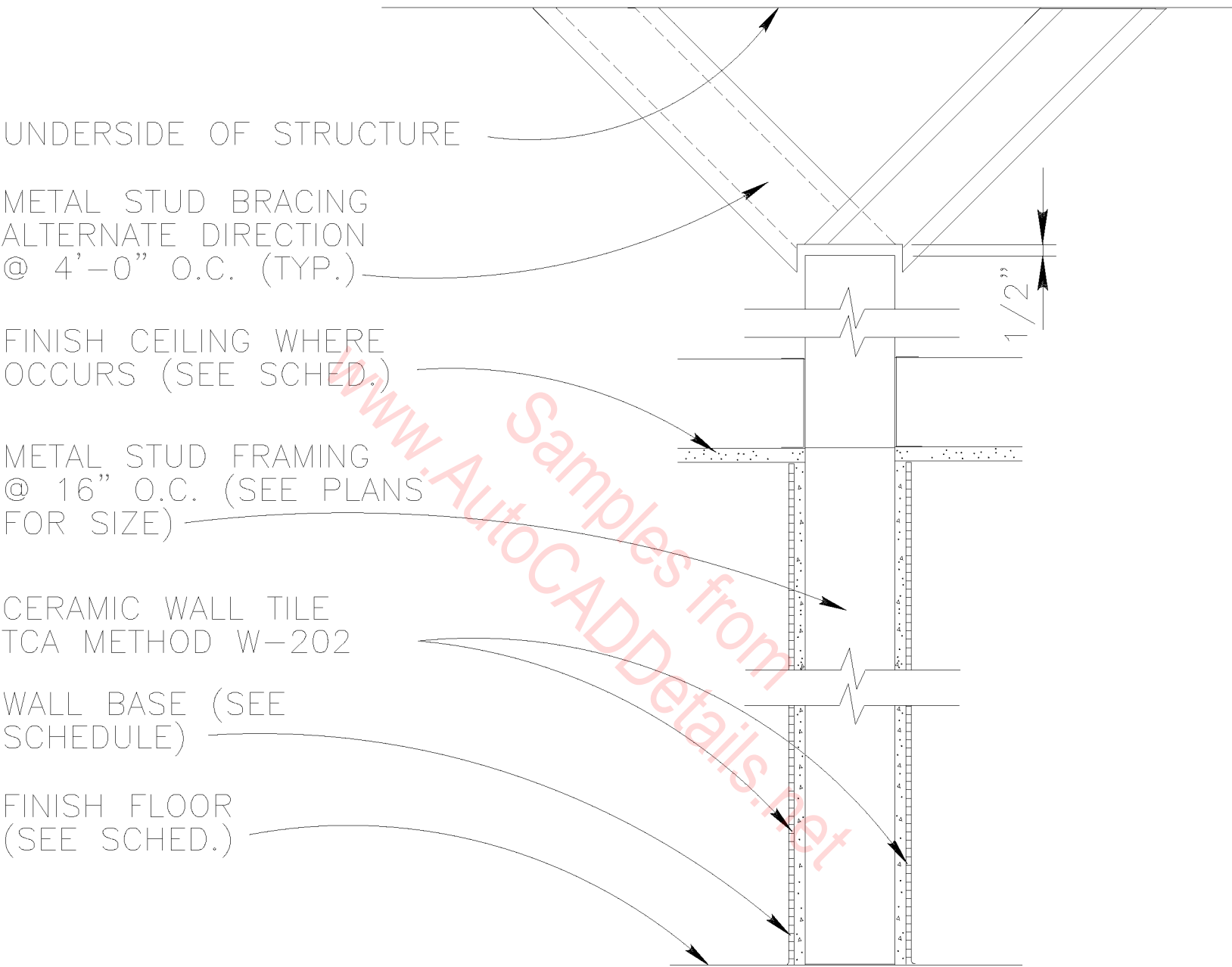


# METAL STUD PARTITION

CERAMIC TILE ONE SIDE

SCALE : 1 1/2" = 1'-0"

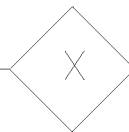


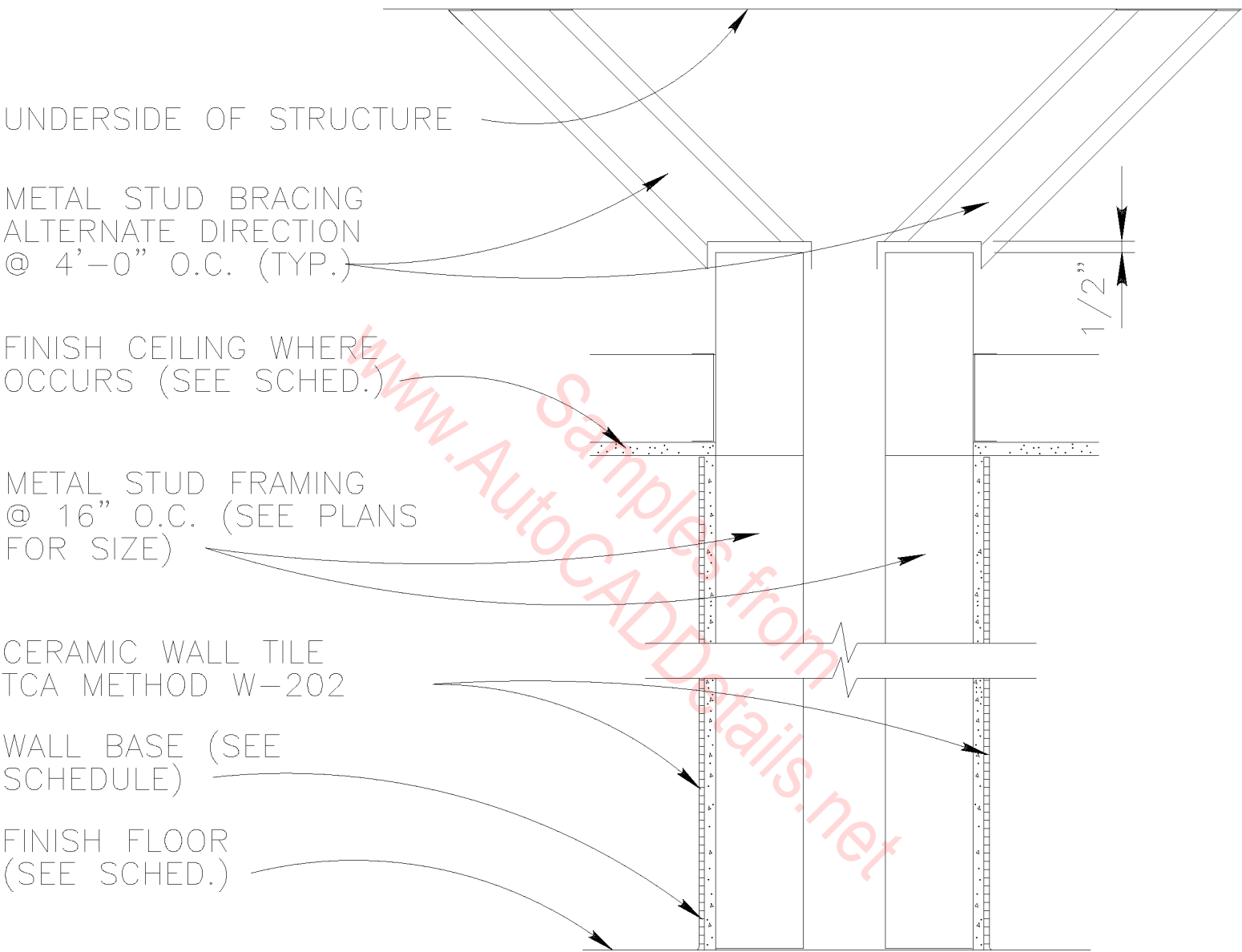


# METAL STUD PARTITION

CERAMIC TILE EACH SIDE

SCALE : 1 1/2" = 1'-0"

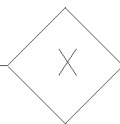




PLUMBING CHASE

CERAMIC TILE ROOM SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE

NON COMBUSTIBLE  
COMPRESSIBLE FILLER

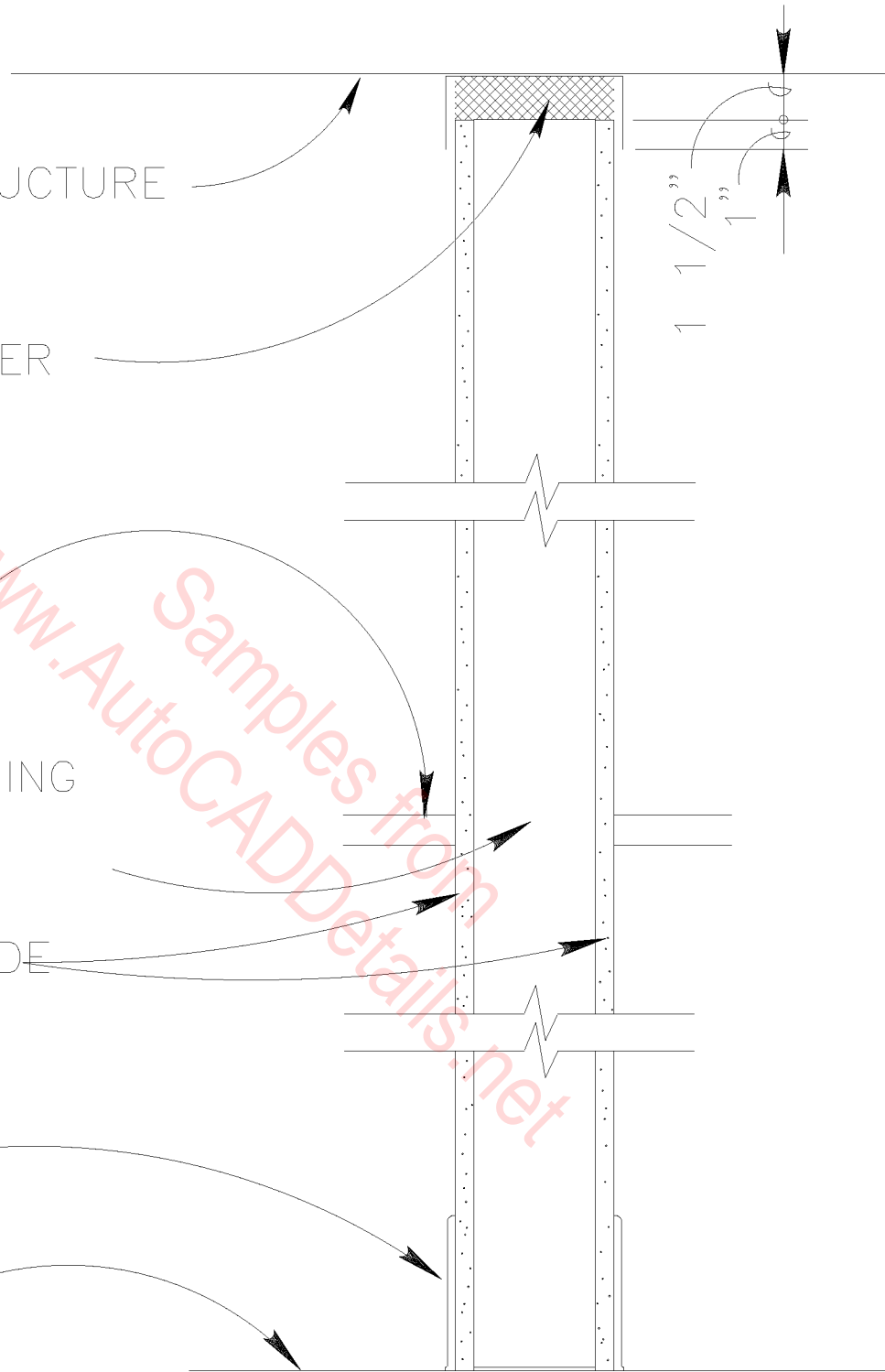
FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

4" MTL. STUD FRAMING  
@ 16" O.C.

5/8" GWB EACH SIDE

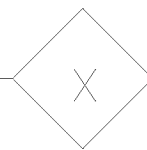
WALL BASE  
(SEE SCHEDULE)

FINISH FLOOR  
(SEE SCHEDULE)



# METAL STUD PARTITION

GWB EACH SIDE  
SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF STRUCTURE

NON COMBUSTIBLE  
COMPRESSIBLE FILLER

FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

4" MTL. STUD FRAMING  
@ 16" O.C.

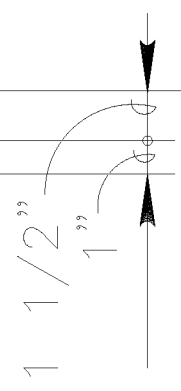
5/8" GWB

CERAMIC WALL TILE  
TCA METHOD W-244

WALL BASE  
(SEE SCHEDULE)

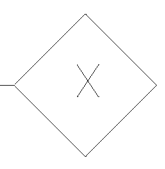
FINISH FLOOR  
(SEE SCHEDULE)

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# METAL STUD PARTITION

CERAMIC TILE ONE SIDE  
GWB ONE SIDE  
SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF EXISTING  
STRUCTURE (SEE STRUCT.)

EXISTING CONCRETE  
MASONRY UNIT

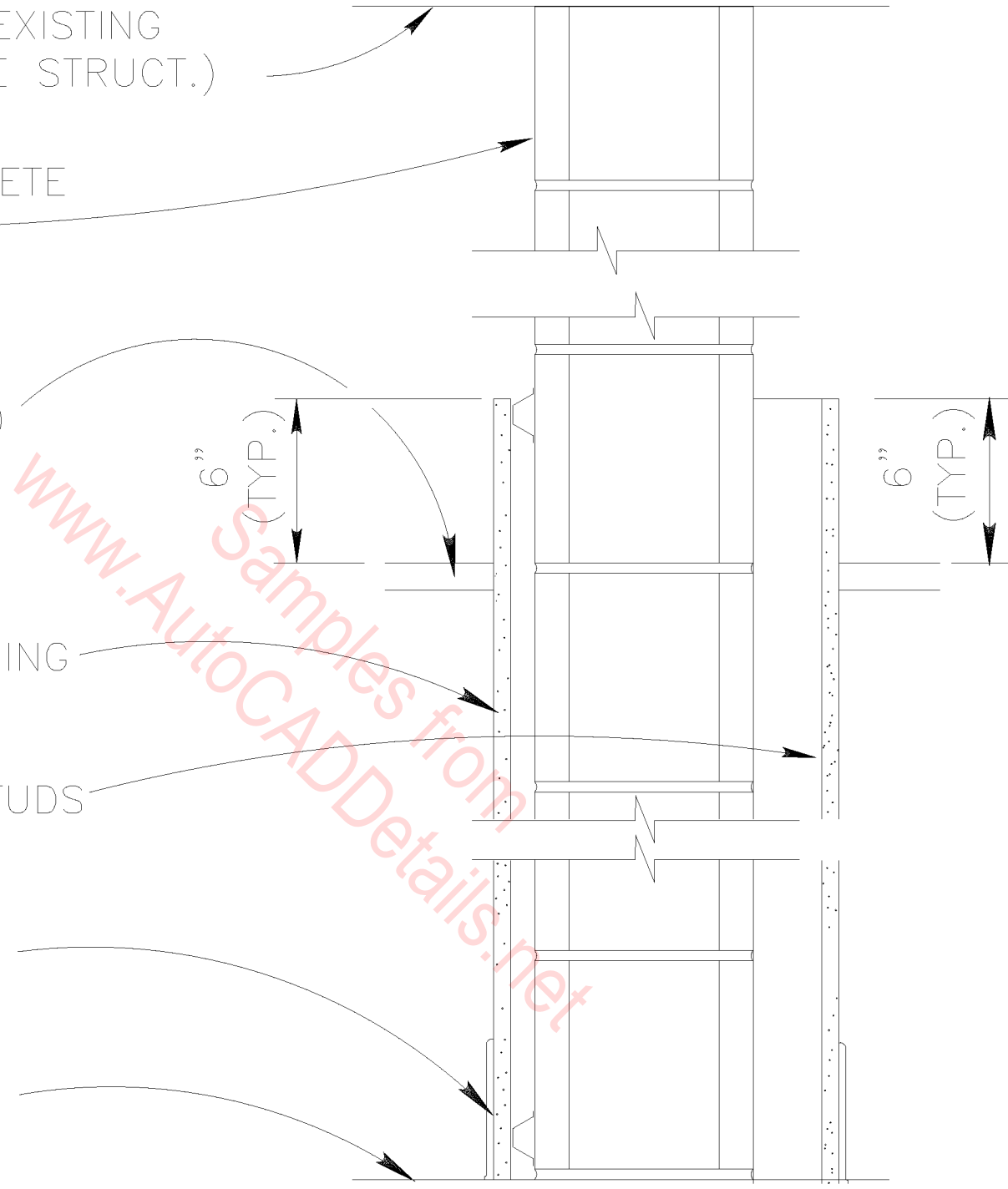
FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

5/8" GWB ON  
7/8" MTL. FURRING

5/8" GWB ON  
2-1/2" MTL. STUDS

WALL BASE  
(SEE SCHEDULE)

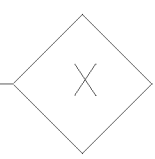
FINISH FLOOR  
(SEE SCHEDULE)



EXISTING CMU

GWB EACH SIDE

SCALE : 1 1/2" = 1'-0"





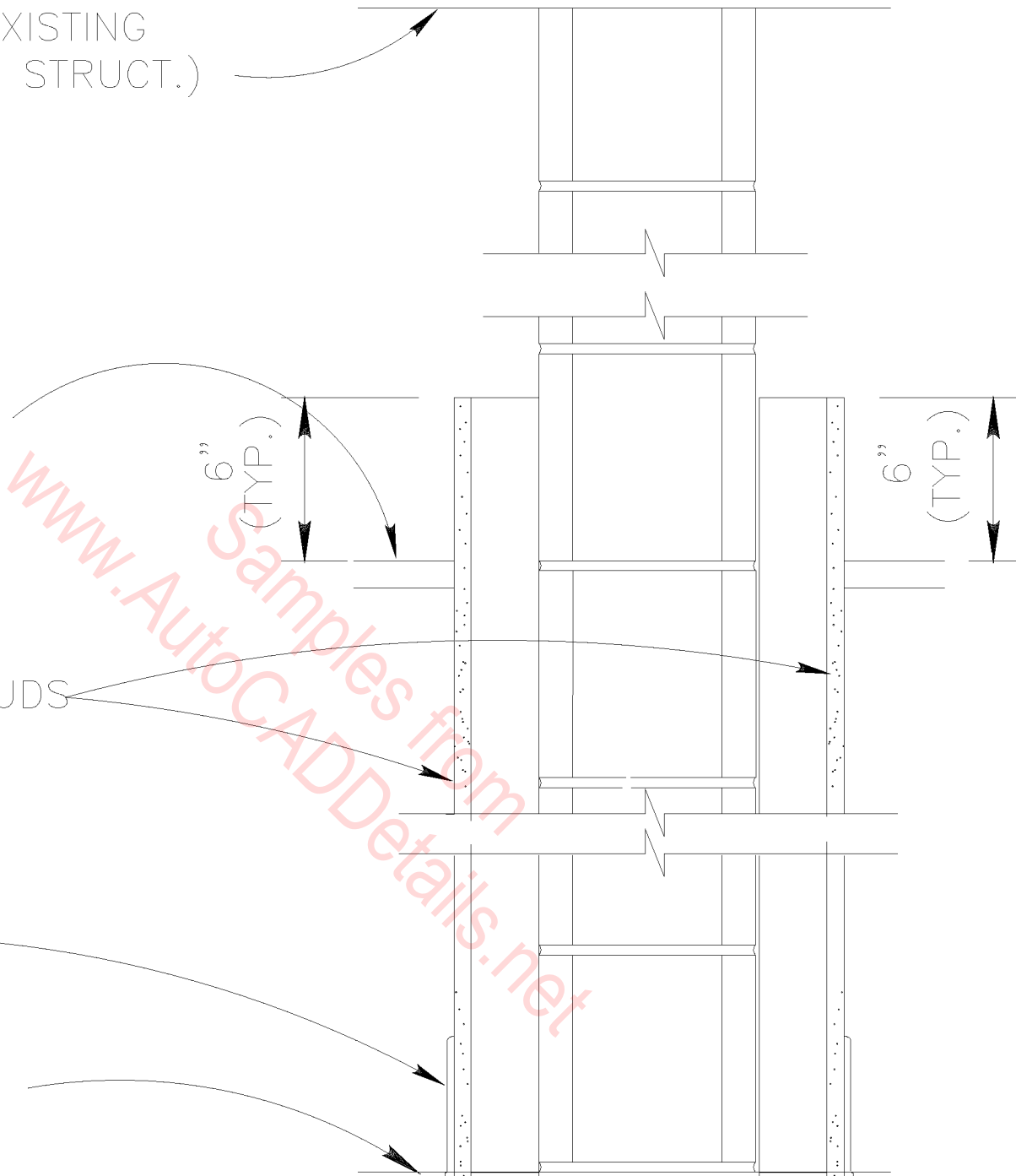
UNDERSIDE OF EXISTING  
STRUCTURE (SEE STRUCT.)

FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

5/8" GWB ON  
2-1/2" MTL. STUDS

WALL BASE  
(SEE SCHEDULE)

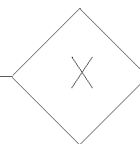
FINISH FLOOR  
(SEE SCHEDULE)



EXISTING CMU

GWB EACH SIDE

SCALE : 1 1/2" = 1'-0"



UNDERSIDE OF NEW  
STRUCTURE (SEE STRUCT.)

2" INSULATION (R=11)

EXISTING CONCRETE  
MASONRY UNIT

5/8" GWB ON  
2-1/2" MTL. STUDS

MTL. WALL PANEL  
ON 2" MTL. FURRING

CLOSURE

BASE FLASHING

GRADE

6"  
(TYP.)

FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

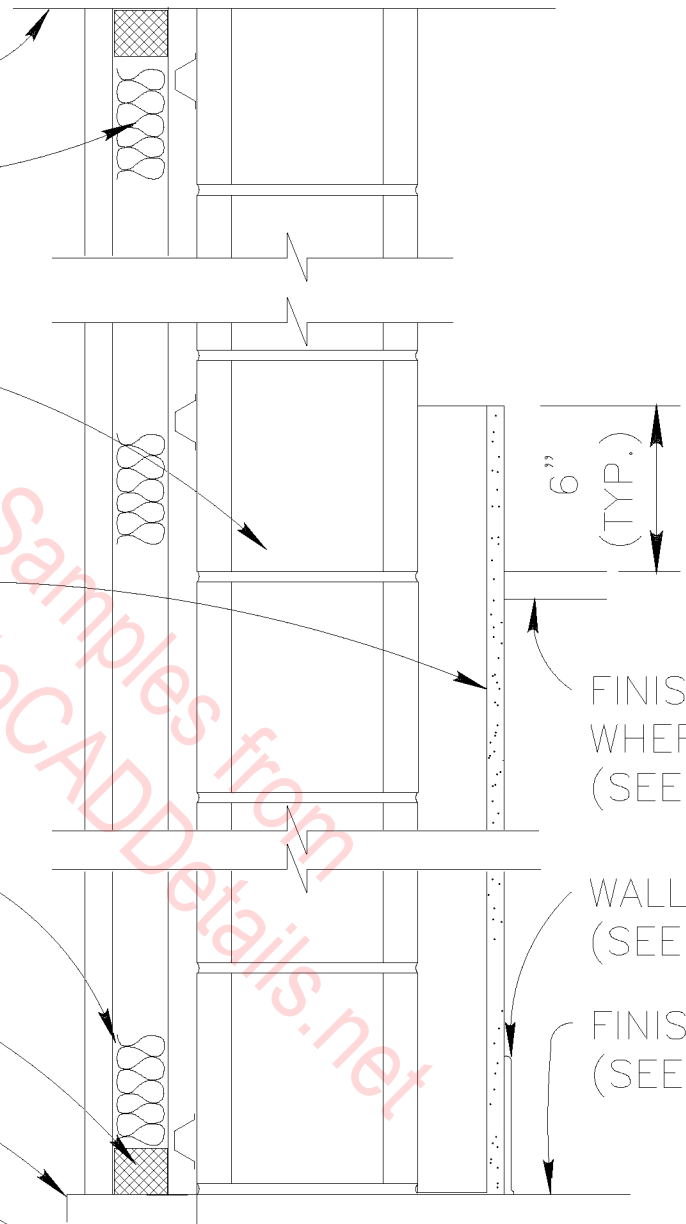
WALL BASE  
(SEE SCHEDULE)

FINISH FLOOR  
(SEE SCHEDULE)

EXISTING CMU

GWB ONE SIDE  
MTL. WALL PANEL EXTERIOR  
SCALE : 1 1/2" = 1'-0"

www.AutoCADDetails.net



UNDERSIDE OF EXISTING  
STRUCTURE (SEE STRUCT.)

EXISTING CONCRETE  
MASONRY UNIT

FINISH CEILING  
WHERE OCCURS  
(SEE SCHEDULE)

4" MTL. STUD  
FRAMING @ 16" O.C.

5/8" GWB ON  
2-1/2" STUDS

CERAMIC WALL TILE  
TCA METHOD W-244

WALL BASE  
(SEE SCHEDULE)

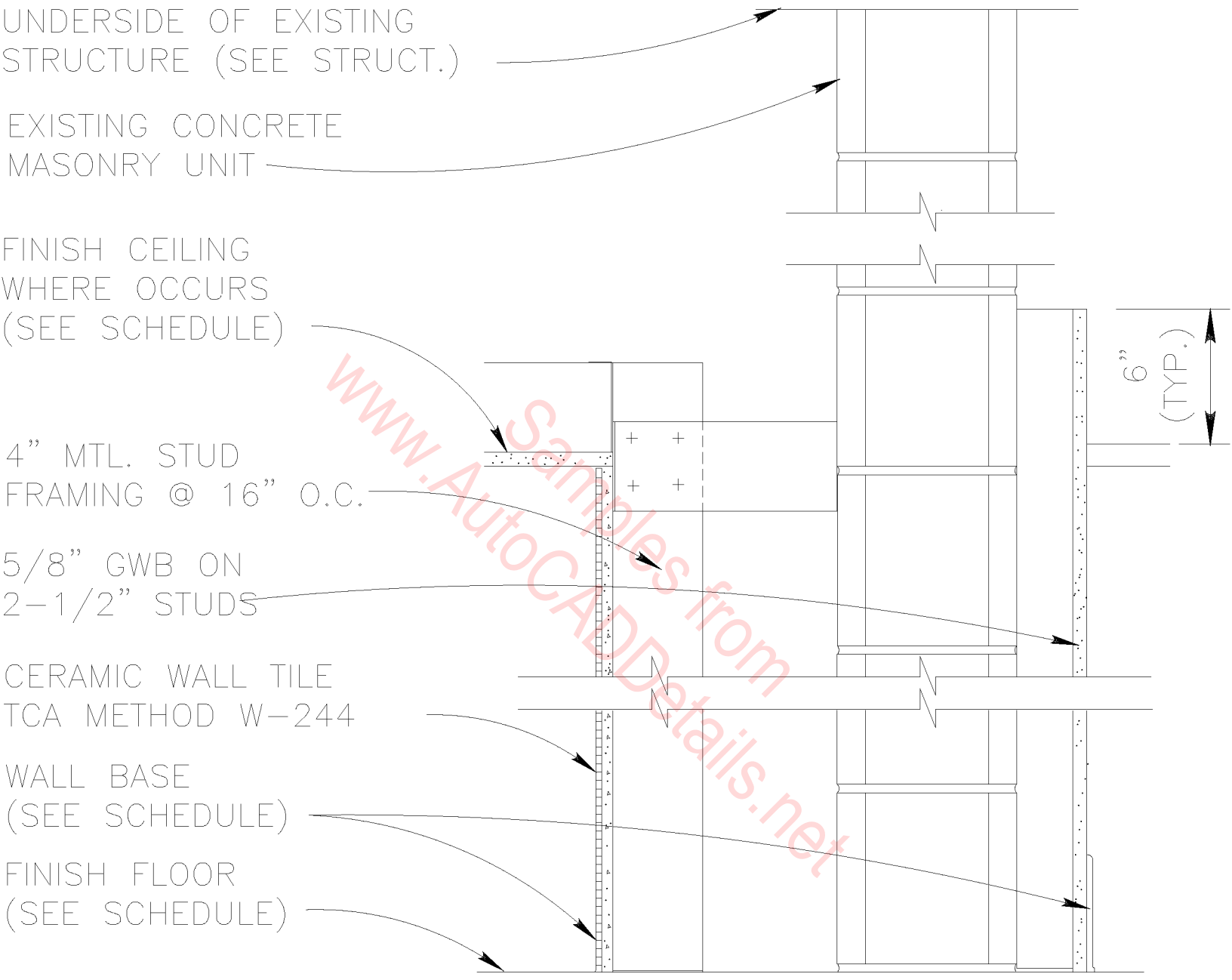
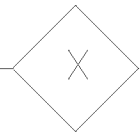
FINISH FLOOR  
(SEE SCHEDULE)

www.AutocADDDetails.net

6"  
(TYP.)

# PLUMBING CHASE

CERAMIC TILE ONE SIDE  
SCALE : 1 1/2" = 1'-0"



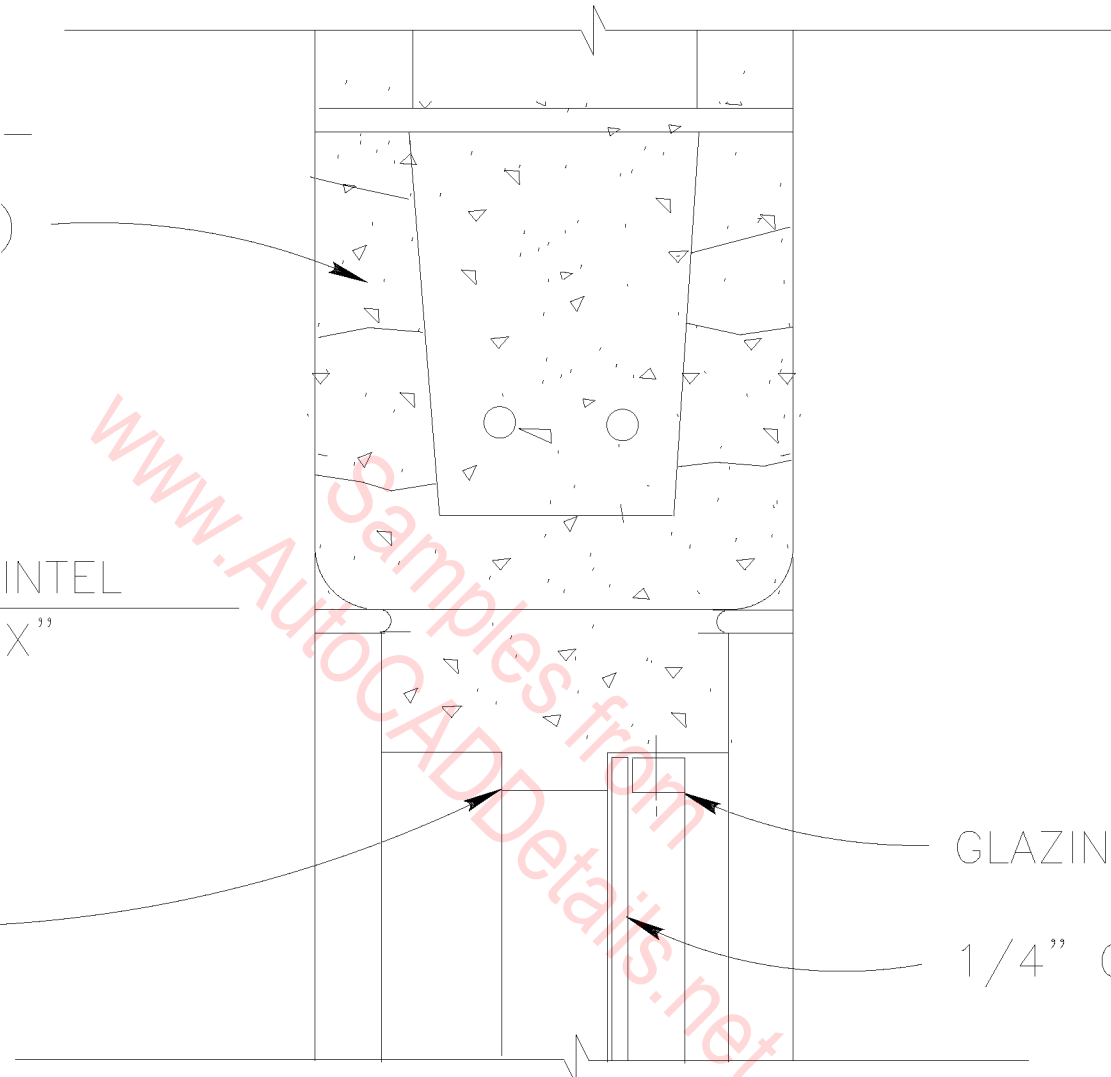
8" CMU BULL-  
NOSE LINTEL  
(SEE STRUCT.)

BOT. OF LINTEL  
EL. = X'-X"

P.S. FRAME  
GROUT FULL  
CENTER IN  
WALL

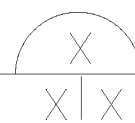
GLAZING STOP

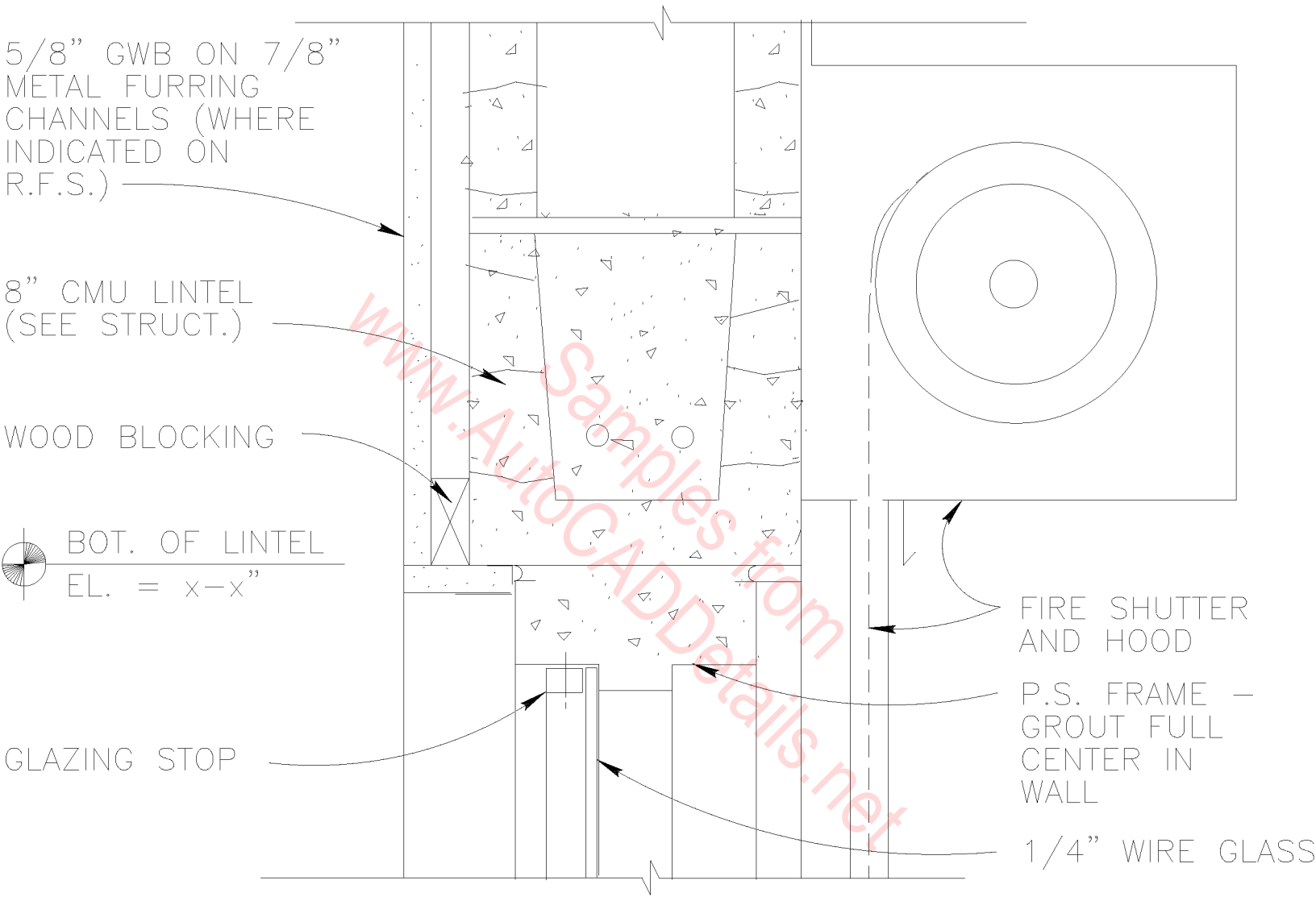
1/4" GLASS



HEAD

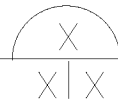
SCALE : 3" = 1'-0"



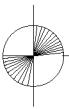


HEAD

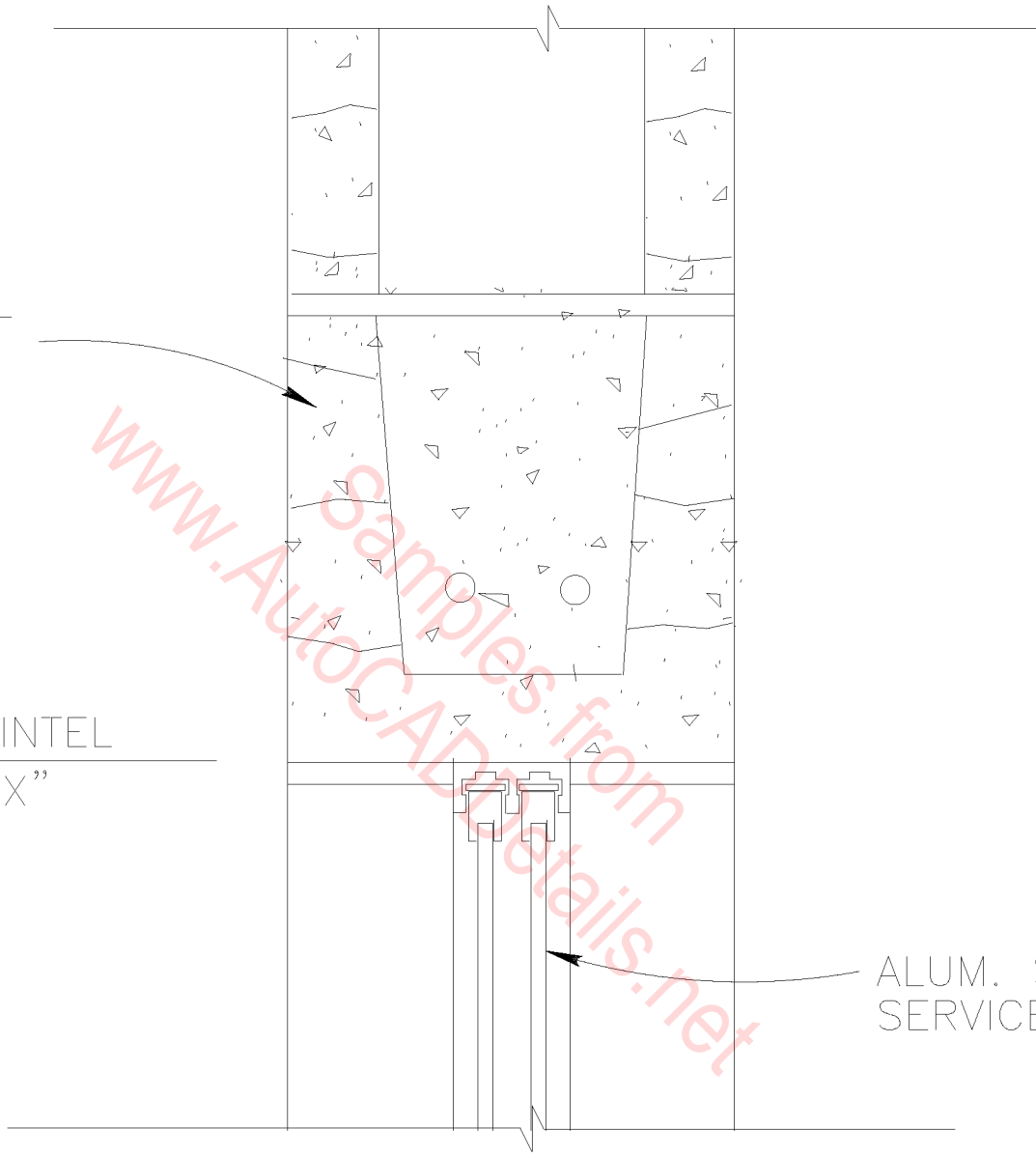
SCALE : 3"=1'-0"



8" CMU LINTEL  
(SEE STRUCT.)



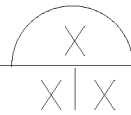
BOT. OF LINTEL  
EL. = X'-X"

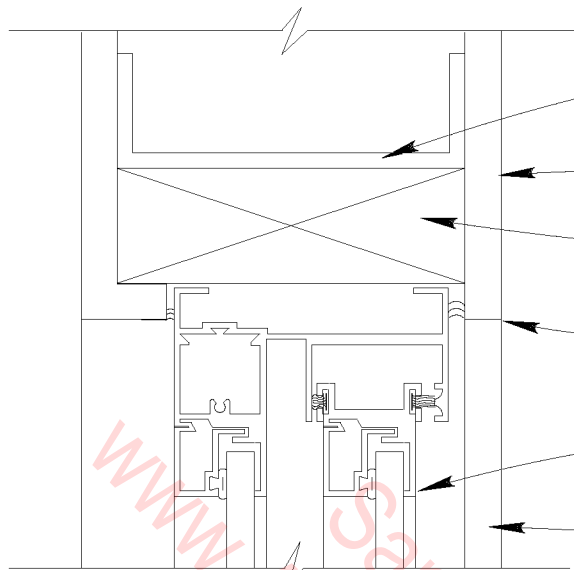


ALUM. SLIDING  
SERVICE WINDOW

HEAD

SCALE : 3" = 1'-0"





6" MTL. STUD  
FRAMING

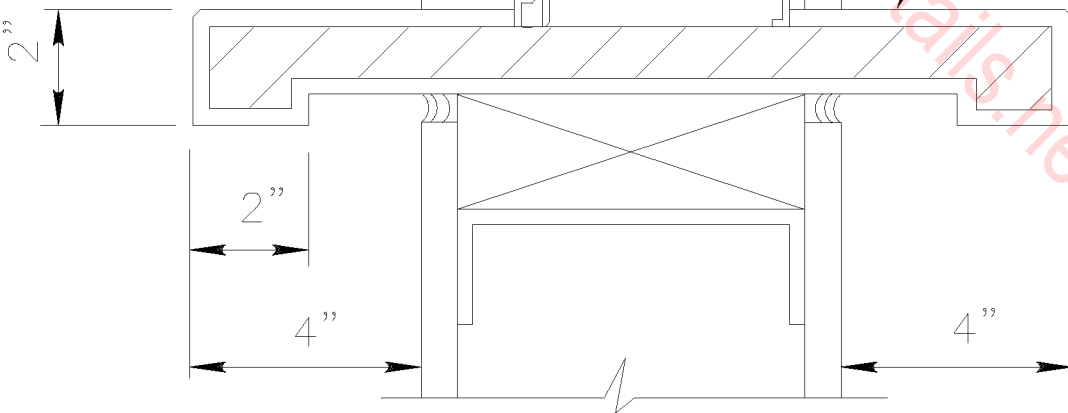
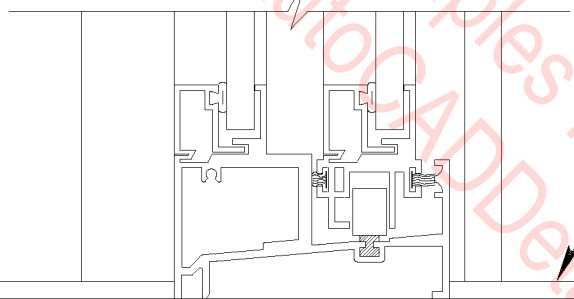
5/8" GWB

2 X WD. BLOCKING

MTL. EDGE TRIM

SLIDING PASS  
THROUGH WINDOW  
FRAME BEYOND

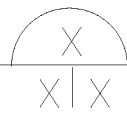
PLASTIC LAMINATE  
ON 5/8" PLYWD.



3'-6"  
A.F.F.

HEAD/SILL DETAIL

SCALE : 3" = 1'-0"



8" CMU LINTEL  
(SEE STRUCT.)

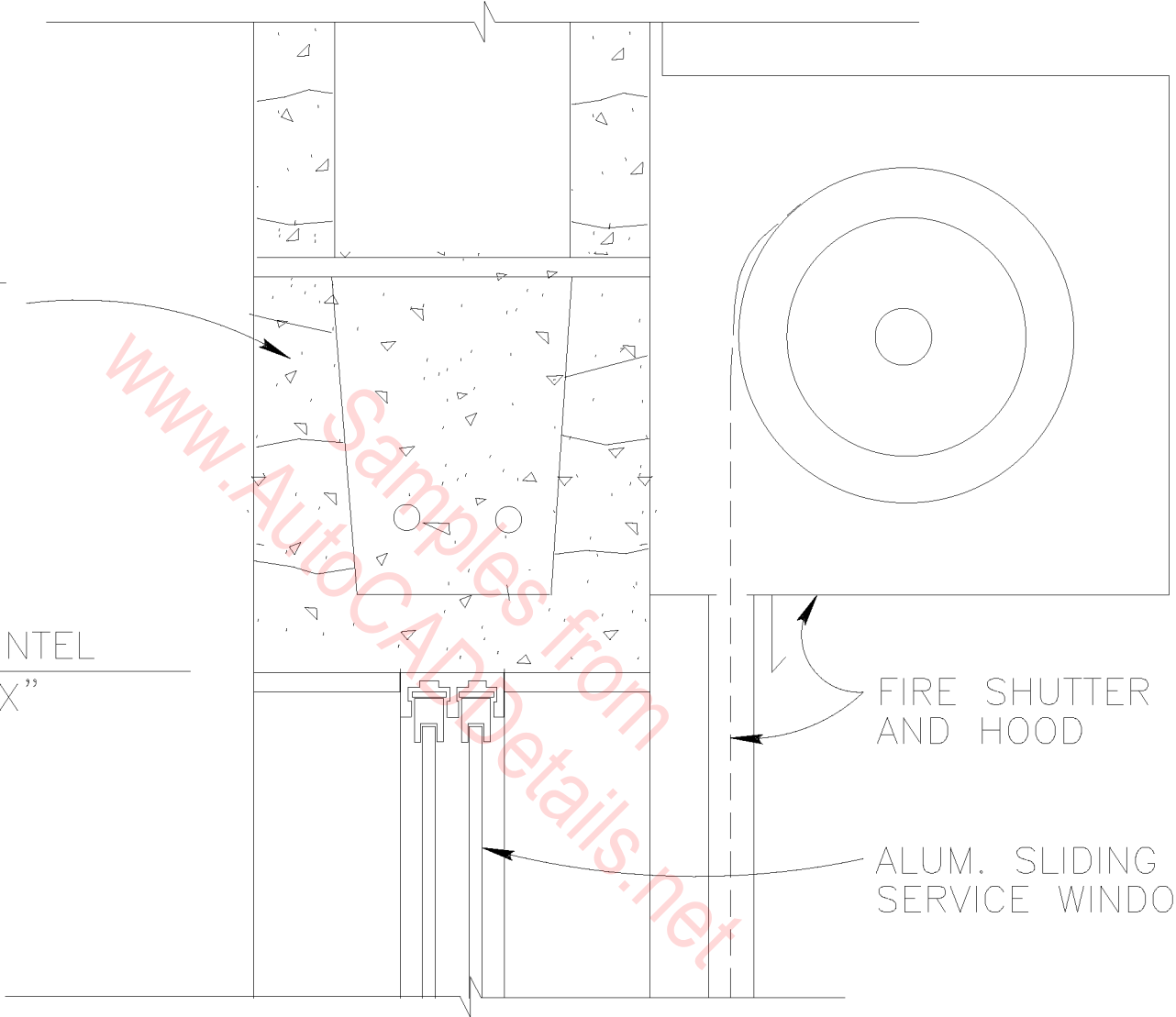
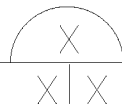
BOT. OF LINTEL  
EL. = X'-X"

FIRE SHUTTER  
AND HOOD

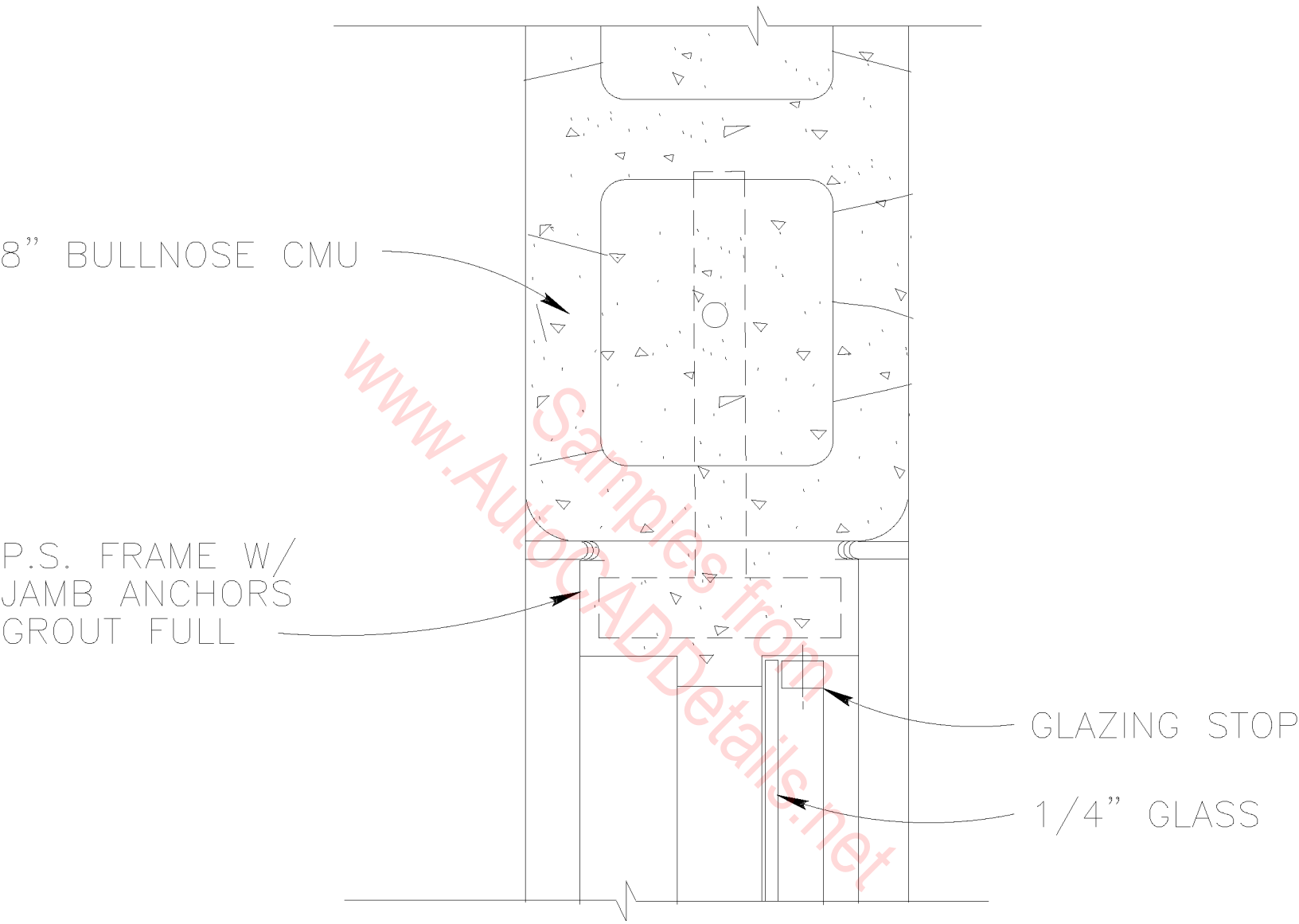
ALUM. SLIDING  
SERVICE WINDOW

HEAD

SCALE : 3"=1'-0"

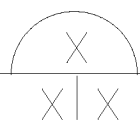






JAMB

SCALE : 3" = 1'-0"



5/8" GWB ON 7/8"  
METAL FURRING  
CHANNELS (WHERE  
INDICATED ON  
ROOM FINISH  
SCHEDULE)

WOOD BLOCKING

P.S. FRAME W/  
JAMB ANCHORS  
GROUT FULL

1/4" WIRE GLASS

8" CMU

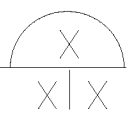
FIRE SHUTTER  
GUIDE

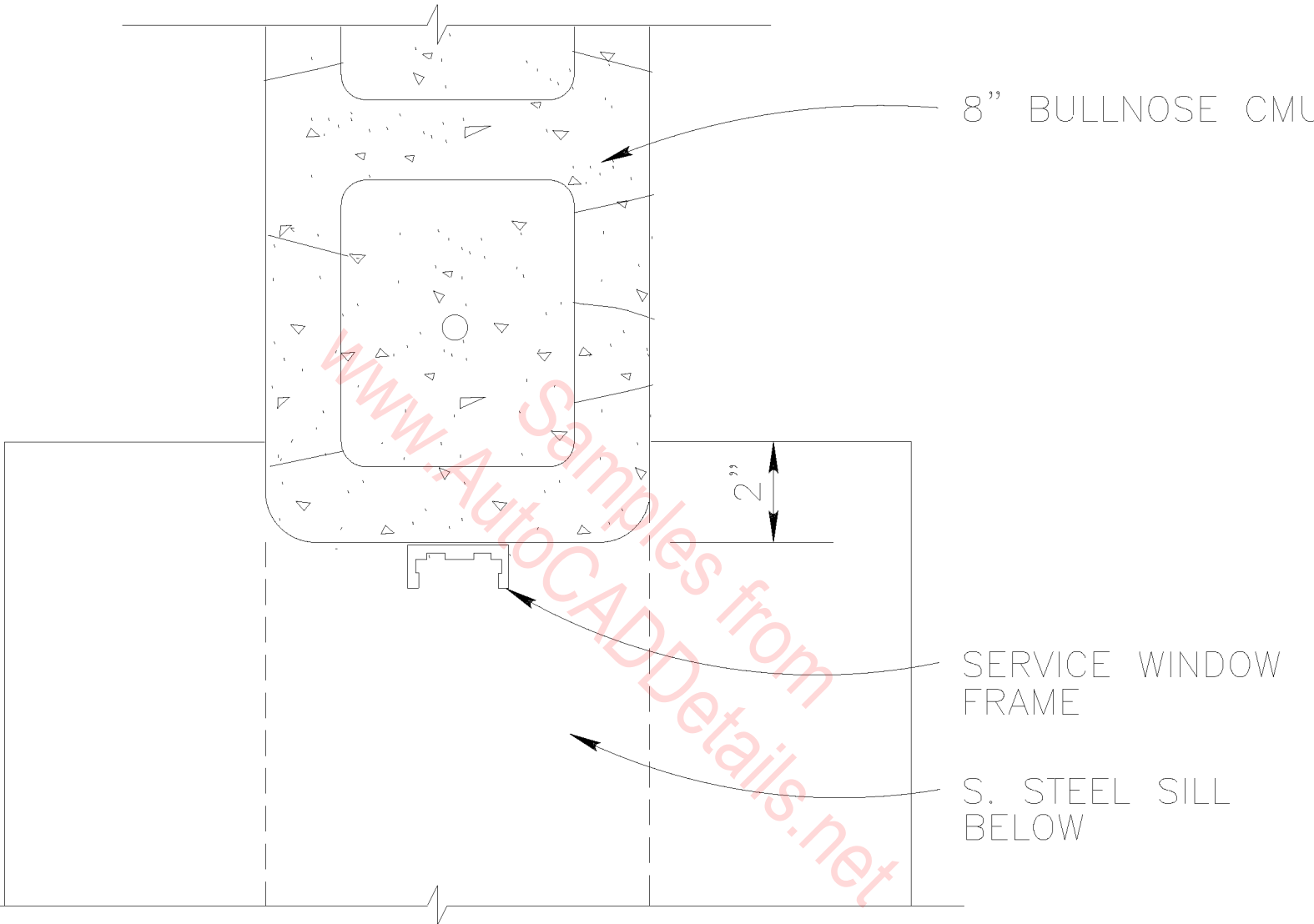
SILL ANGLE  
BELOW

www.AutoCADSamples.com  
AutoCADDetails.net

JAMB

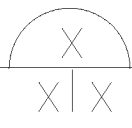
SCALE : 3"=1'-0"

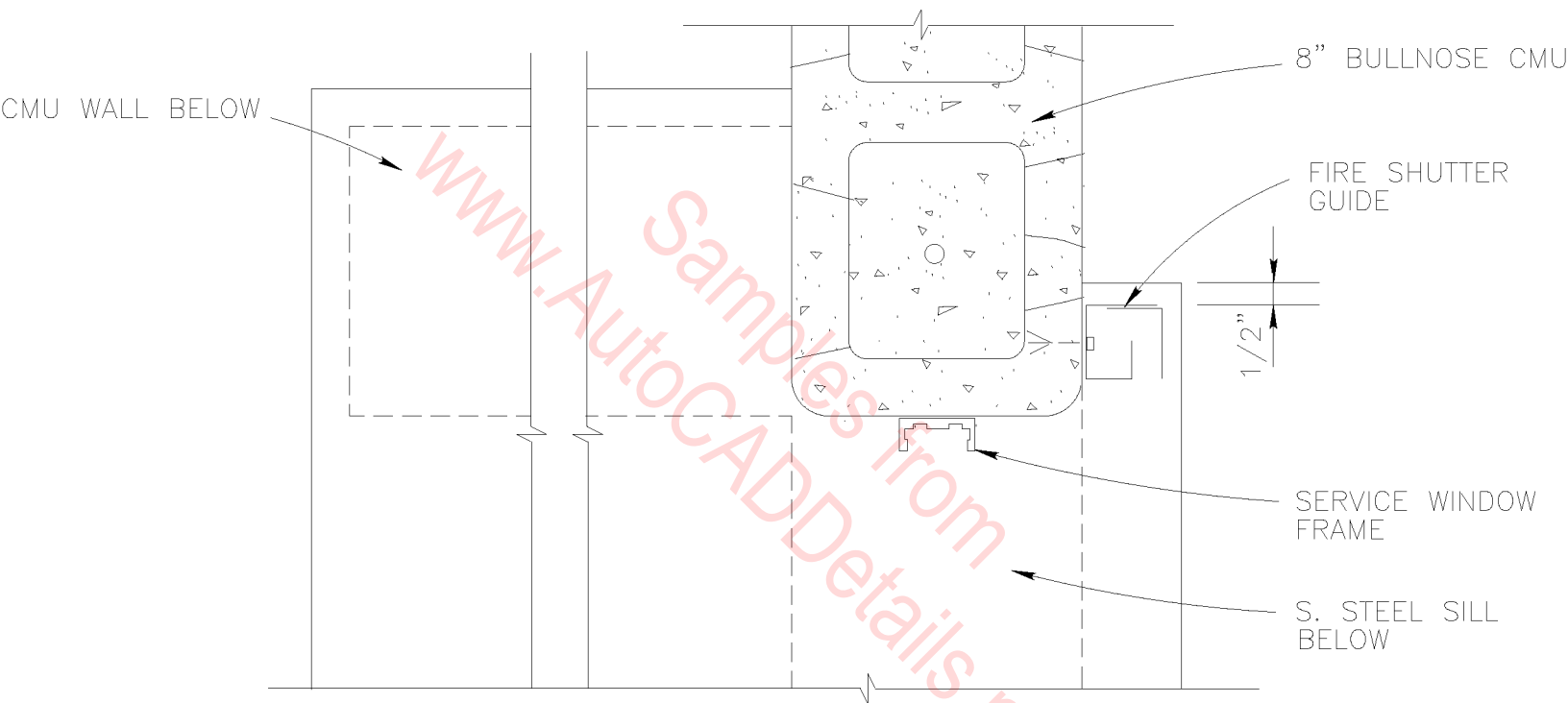




JAMB

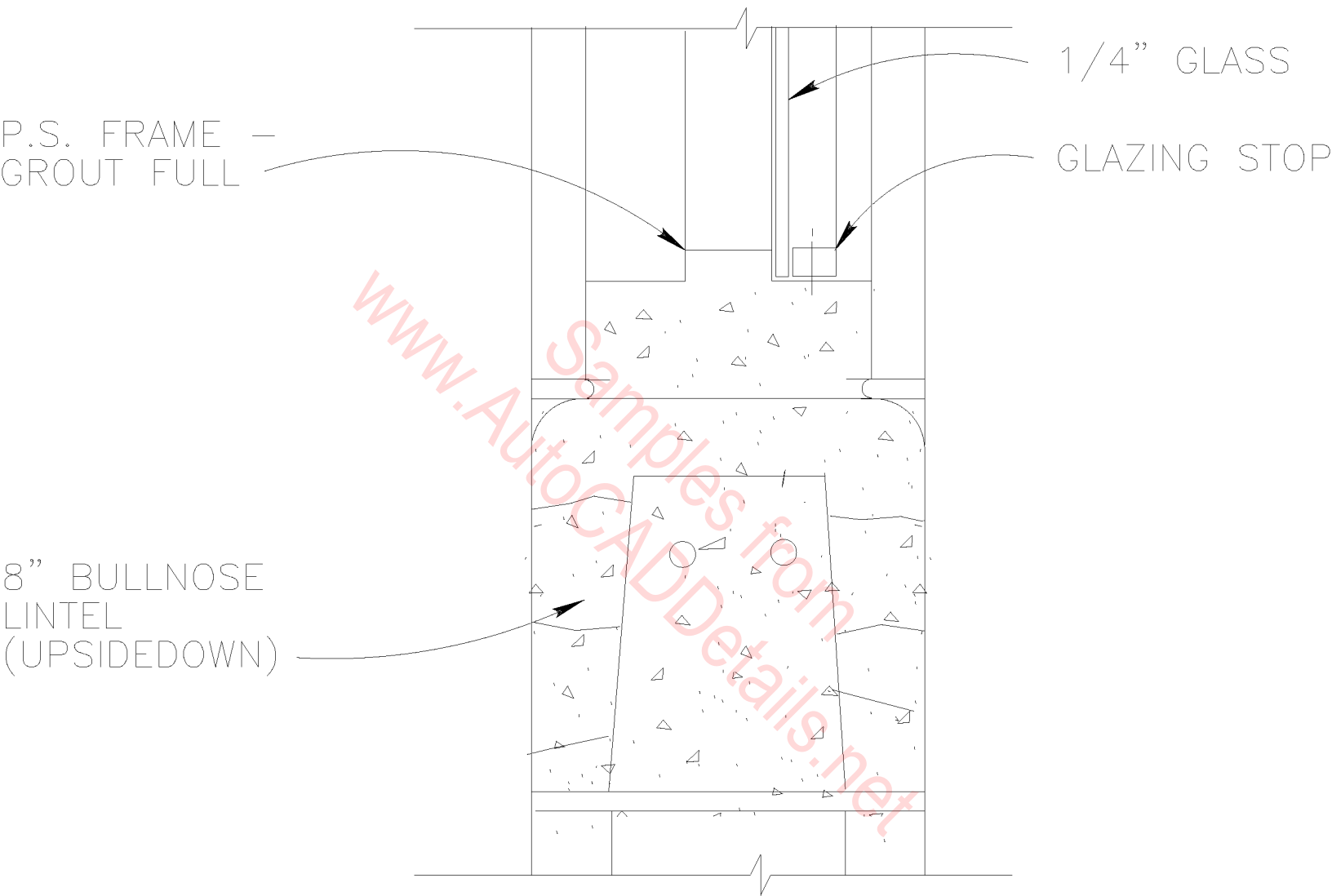
SCALE : 3"=1'-0"





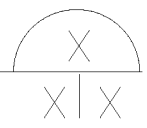
JAMB  
 SCALE : 3" = 1'-0"

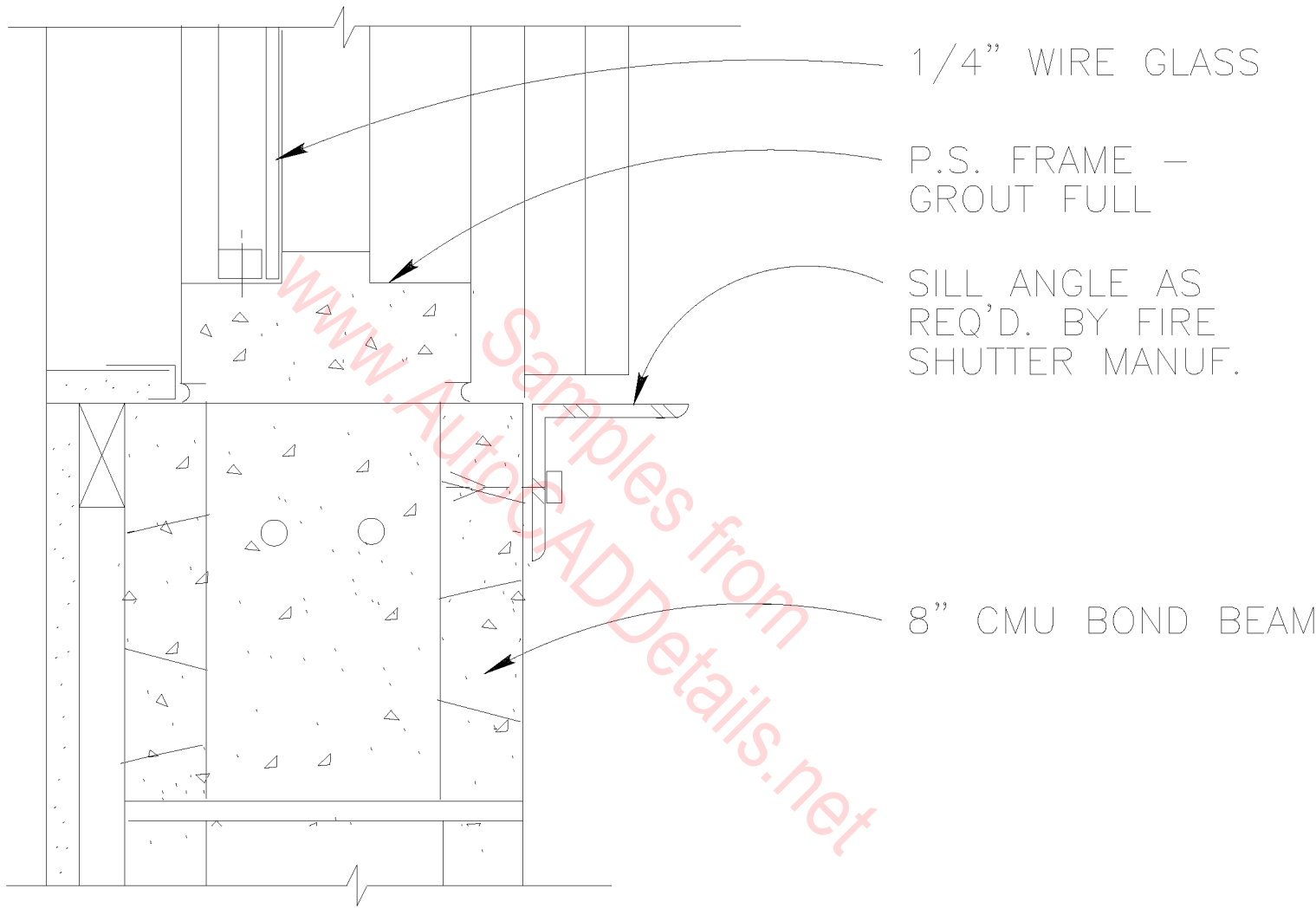
X  
 X | X



SILL

SCALE : 3" = 1'-0"





1/4" WIRE GLASS

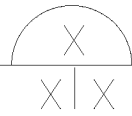
P.S. FRAME -  
GROUT FULL

SILL ANGLE AS  
REQ'D. BY FIRE  
SHUTTER MANUF.

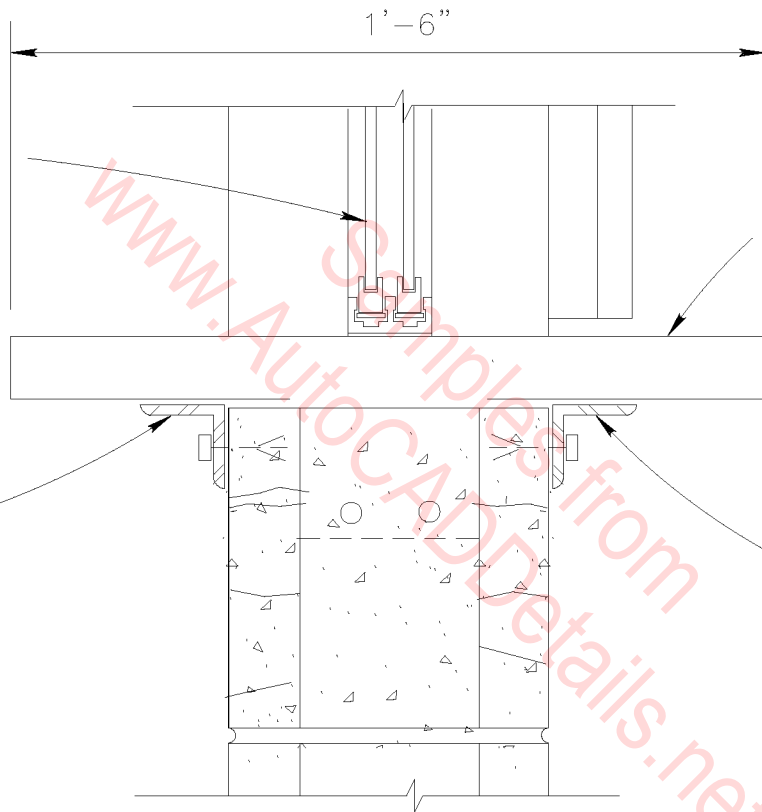
8" CMU BOND BEAM

SILL

SCALE : 3" = 1'-0"



ALUMINUM SLIDING  
SERVICE WINDOW W/  
TEMPERED GLASS



16 GA. S. STEEL SILL  
W/ 2 LAYERS 5/8"  
PLYWOOD CORE

1/4"  
1

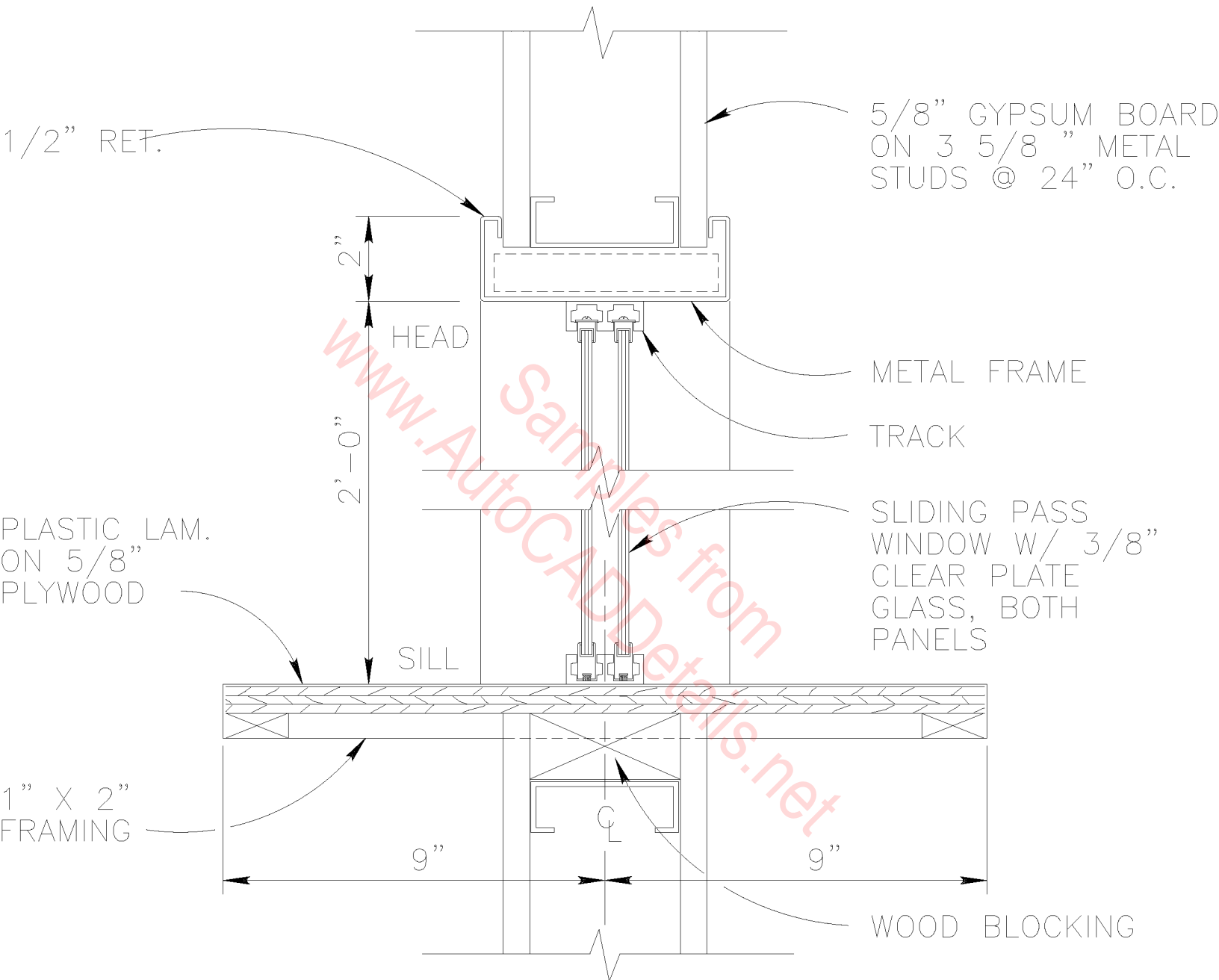
TOP OF CMU  
EL. = X'-X"

8" CMU BOND BEAM

2" X 2" X 3/16" SPT.  
ANGLE ON EA. SIDE -  
EXP. ANCHOR INTO  
CMU WALL & SCREW  
TO SILL

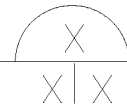
SILL  
SCALE : 3" = 1'-0"

X  
X|X



SERVICE WINDOW SILL DETAIL

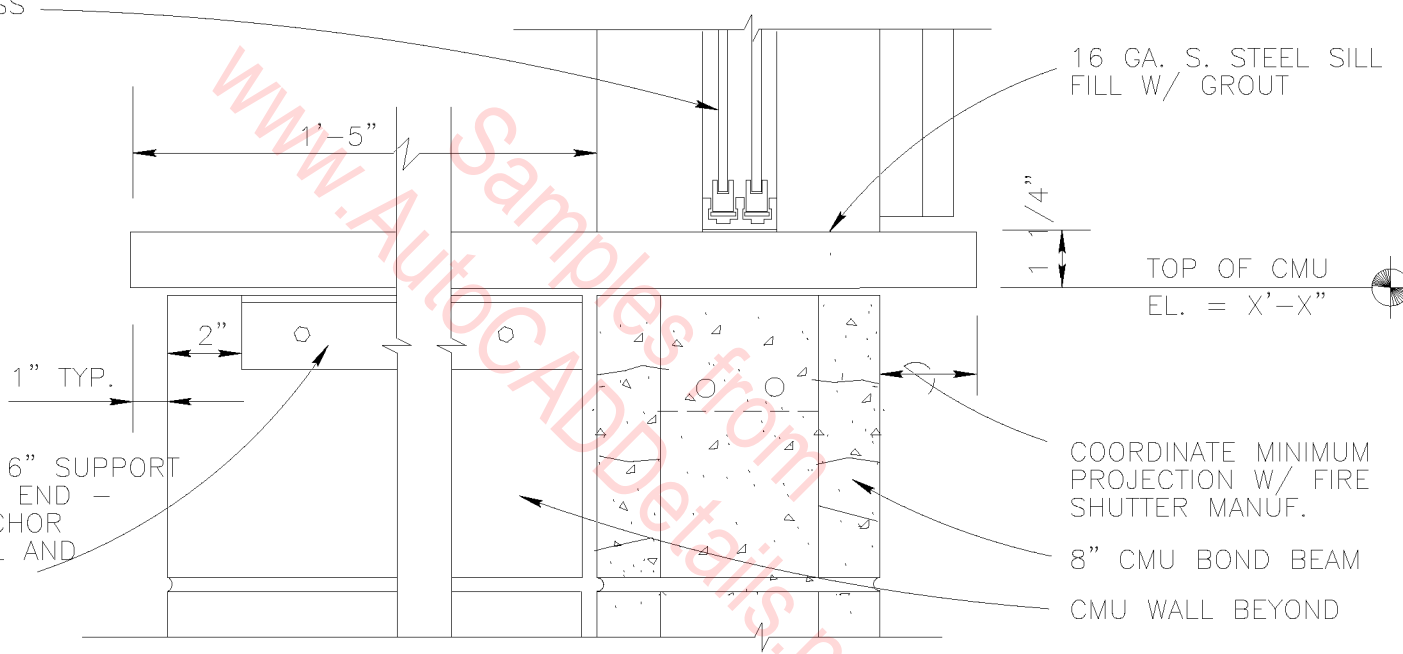
SCALE : 3" = 1'-0"





ALUMINUM SLIDING  
SERVICE WINDOW W/  
TEMPERED GLASS

16 GA. S. STEEL SILL  
FILL W/ GROUT



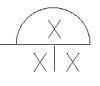
2" X 2" X 3/16" SUPPORT  
ANGLE @ EACH END -  
EXPANSION ANCHOR  
INTO CMU WALL AND  
SCREW TO SILL

COORDINATE MINIMUM  
PROJECTION W/ FIRE  
SHUTTER MANUF.

8" CMU BOND BEAM  
CMU WALL BEYOND

SERVICE WINDOW SECTION W/COUNTER

SCALE : 3"=1'-0"



1" R. TYP.

COUNTER

5/8" GYPSUM BOARD ON 3 5/8" METAL STUDS @ 24" O.C.

2" 4'-0" 2"

TRACK

JAMB ANCH. 2 PER JAMB MIN.

JAMB

JAMB

1/2" WALL WIDTH 1/2"

1/2" RET.

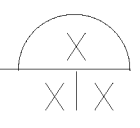
METAL FRAME

TRACK

www.AutocADDetails.net

# SERVICE WINDOW SECTION

SCALE : 3" = 1'-0"



3 5/8" STEEL STUDS  
W/5/8" GWB EA. SIDE

P.S. FRAME W/  
JAMB ANCHORS

1/4" TEMP. GLASS

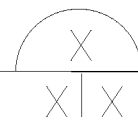
GLAZING STOP

P.S. CENTER  
MULLION

5/8"  
2"  
5/8"

JAMB

SCALE : 3" = 1'-0"



CMU WALL  
OR LINTEL

SHIM & SEAL  
AS REQUIRED

DOOR FRAME  
AS SCHEDULED

GLAZING - SEE  
SPECIFICATIONS

DOOR FRAME  
AS SCHEDULED

DOOR AS  
SCHEDULED

2"

TRANSOM

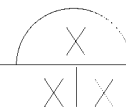
2"

DOOR DIM.

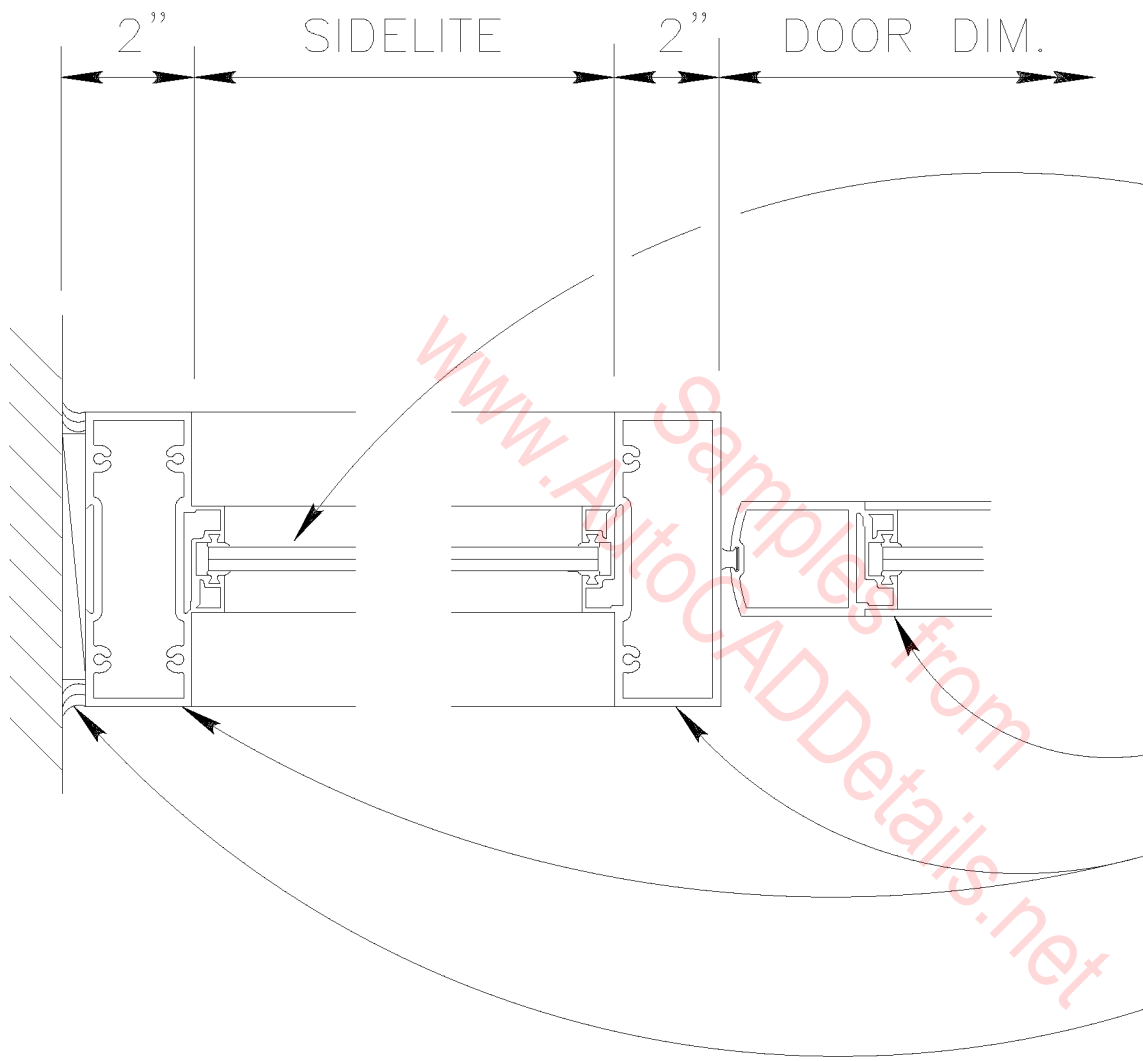
DOOR STOP

HEAD

SCALE : 3" = 1'-0"



www.AutoCADDetails.net  
Samples from



GLAZING - SEE SPECIFICATIONS

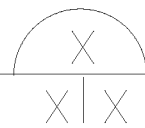
DOOR AS SCHED.

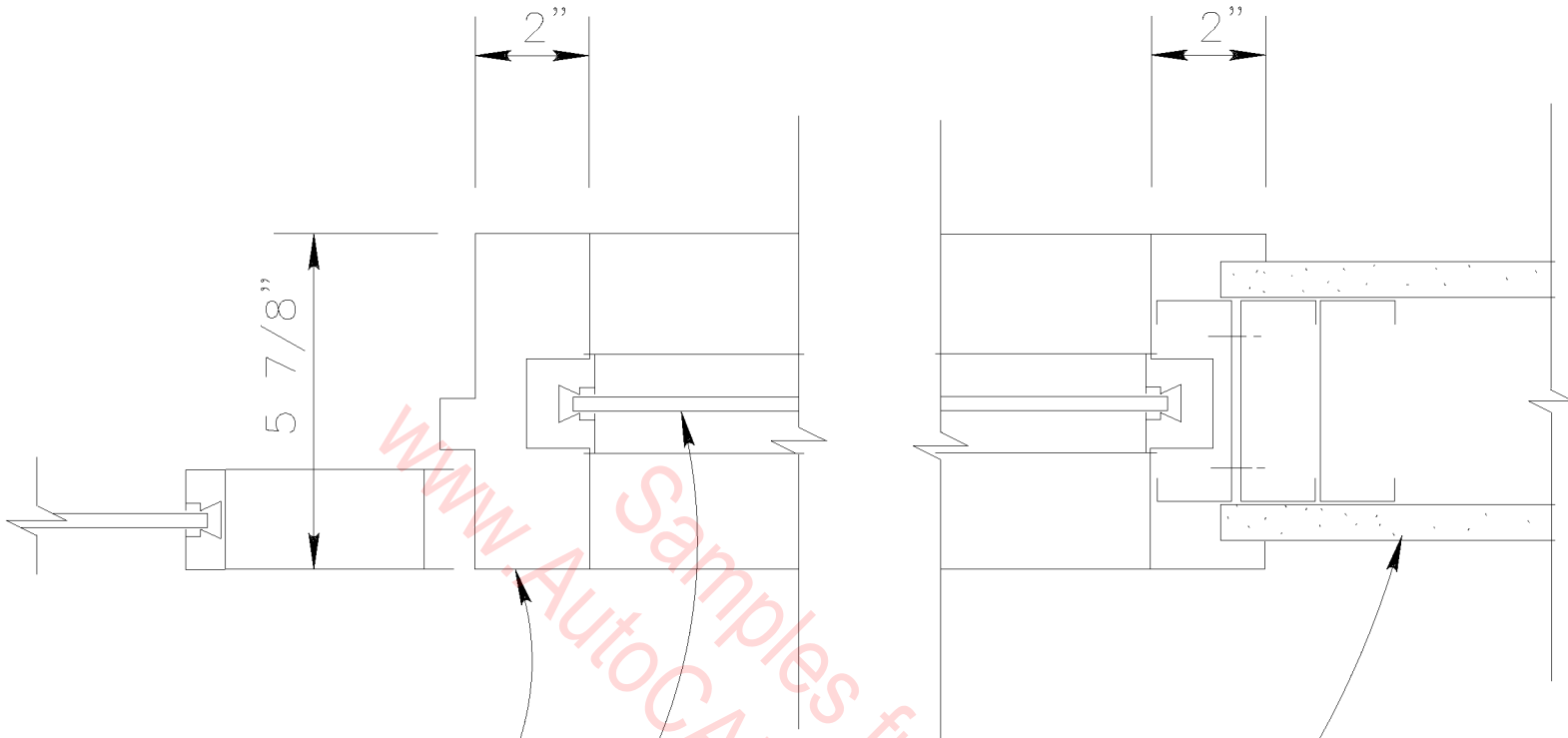
DOOR FRAME AS SCHEDULED

SHIM & SEAL AS REQUIRED

JAMB

SCALE : 3" = 1'-0"





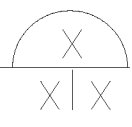
ALUMINUM DOOR  
AND FRAME

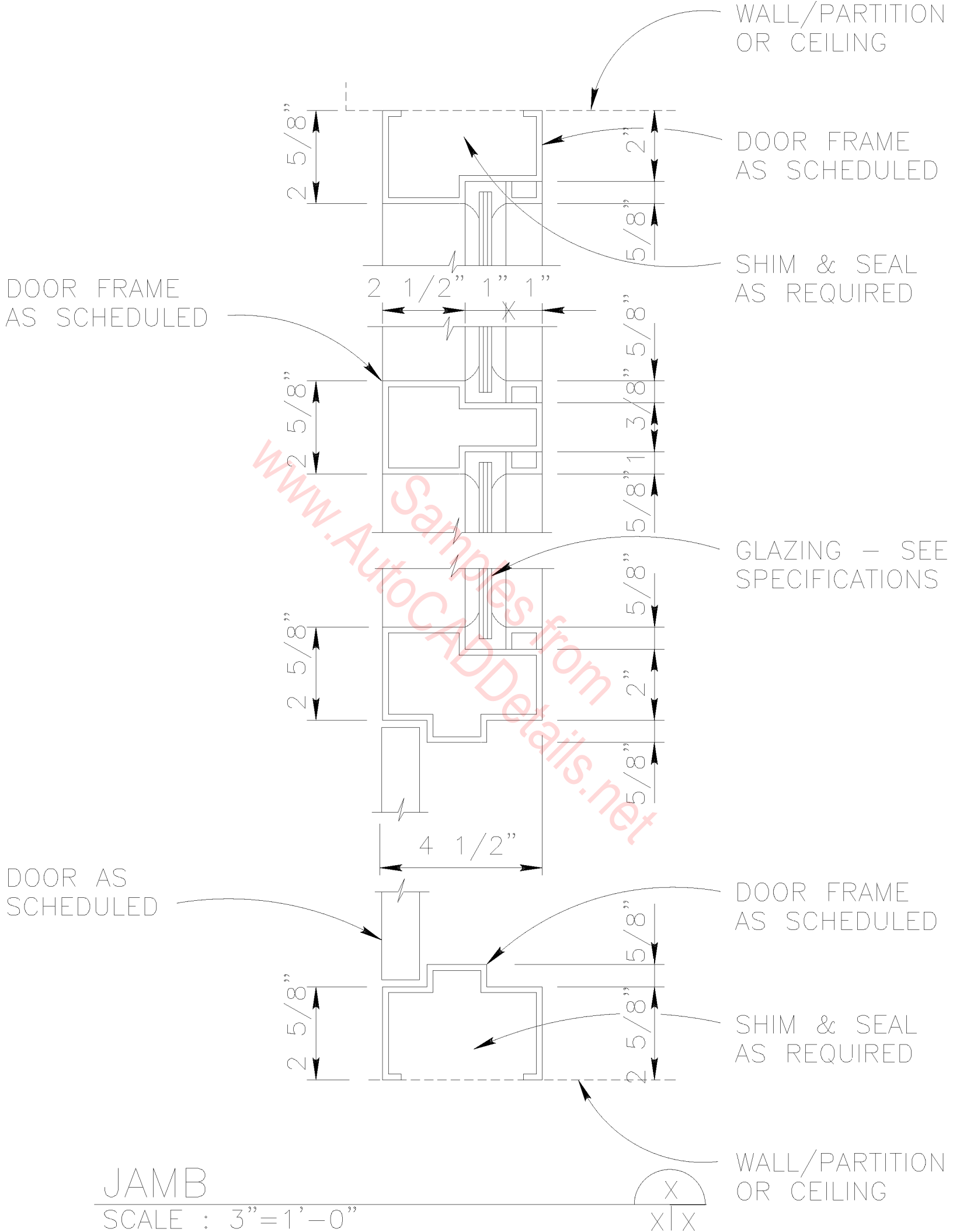
1/4" TEMPERED  
GLASS

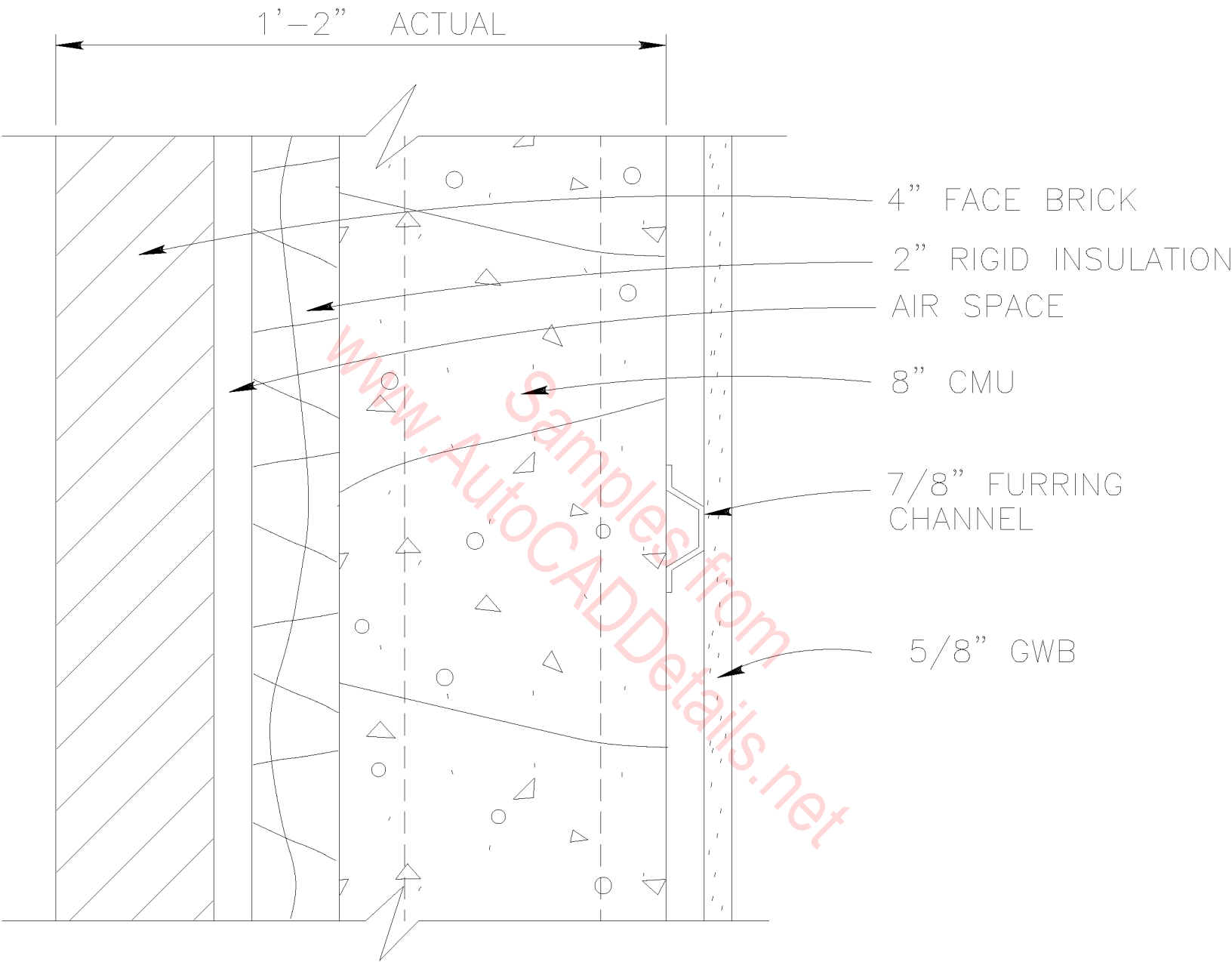
3 5/8" STEEL STUDS  
W/5/8" GWB EA. SIDE

JAMB

SCALE : 3" = 1'-0"

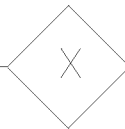




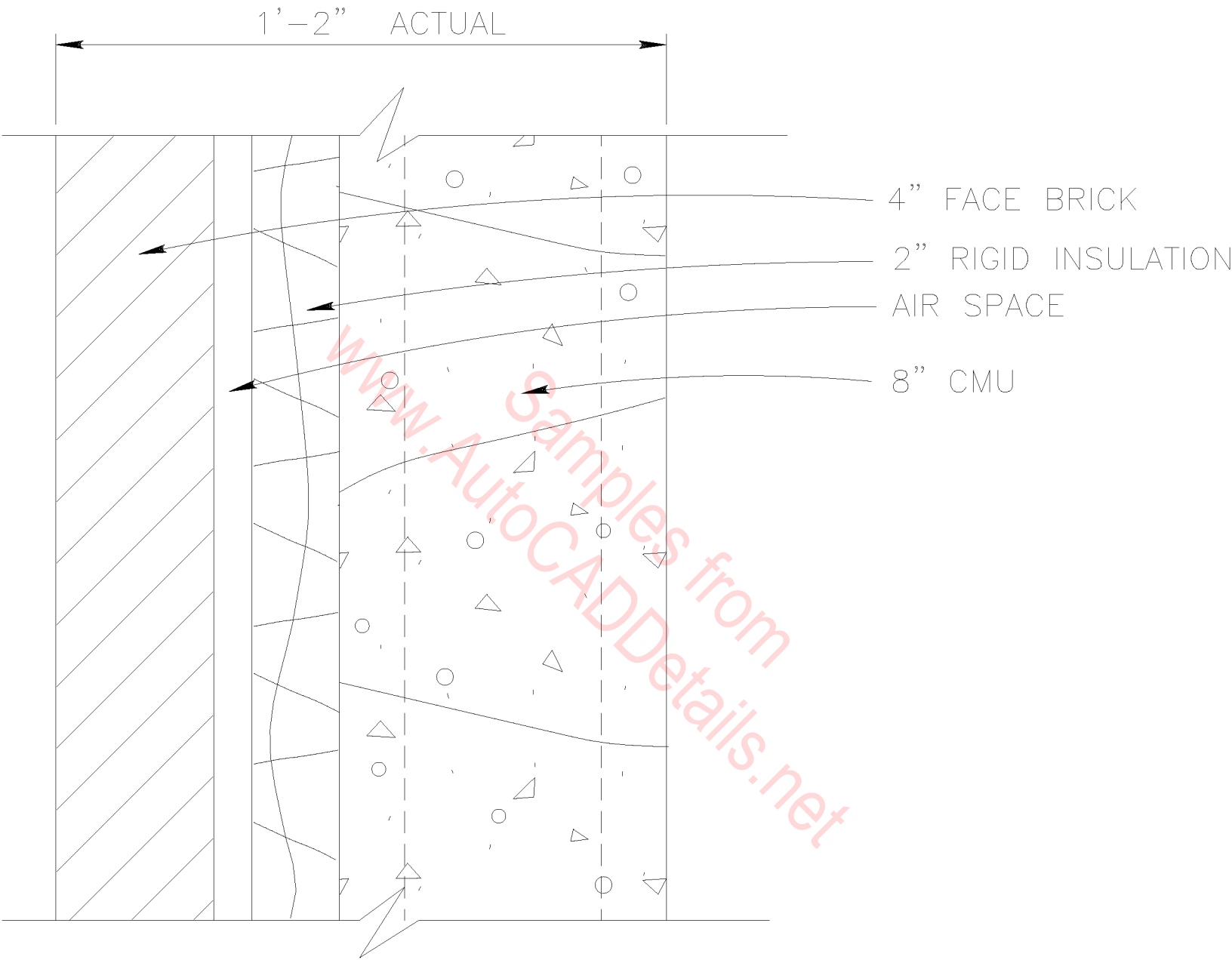


WALL TYPE

SCALE : 3" = 1'-0"

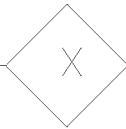




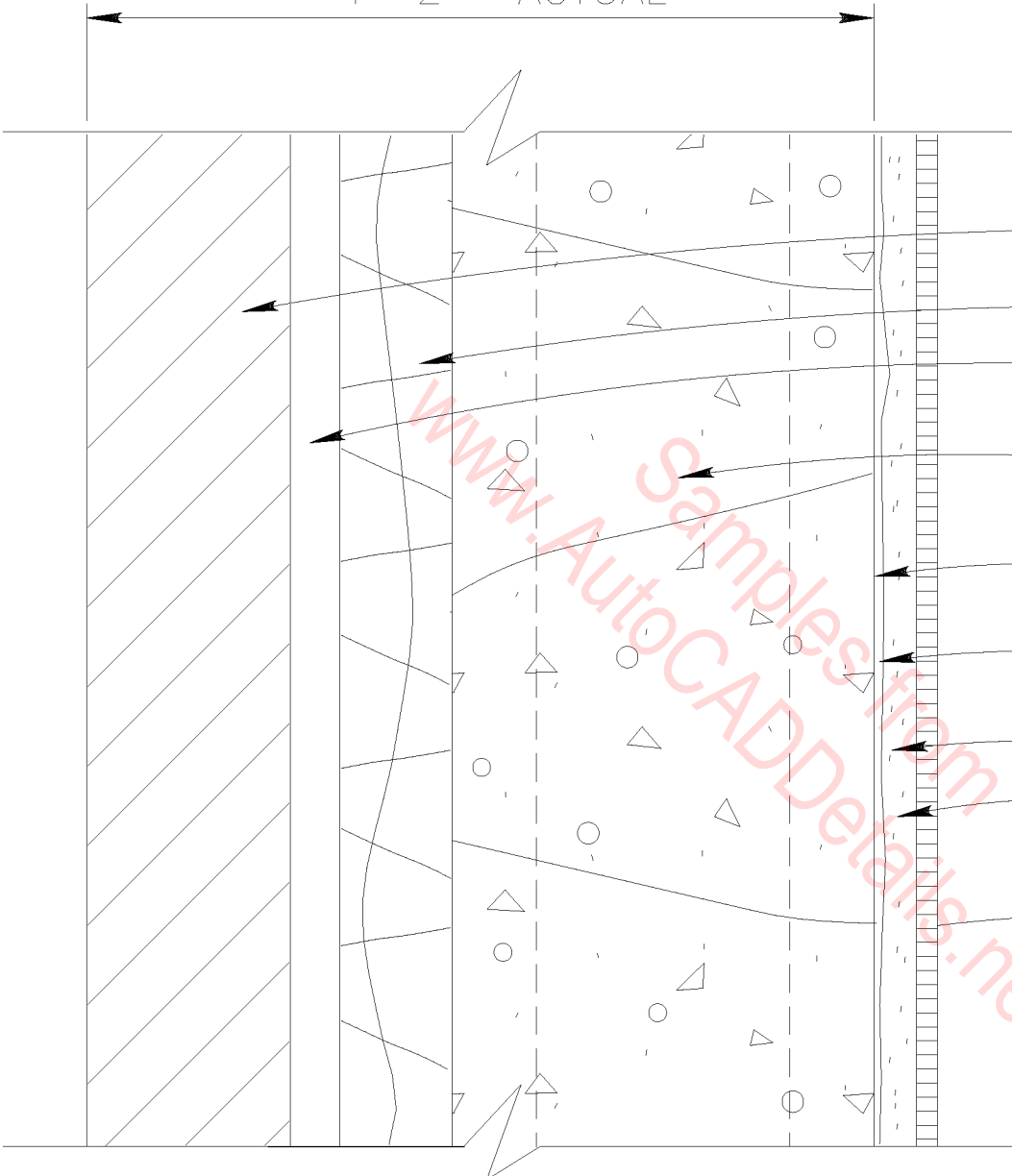


WALL TYPE

SCALE : 3" = 1'-0"



1'-2" ACTUAL



4" FACE BRICK

2" RIGID INSULATION

AIR SPACE

8" CMU

MEMBRANE

METAL LATH

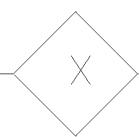
SCRATCH COAT

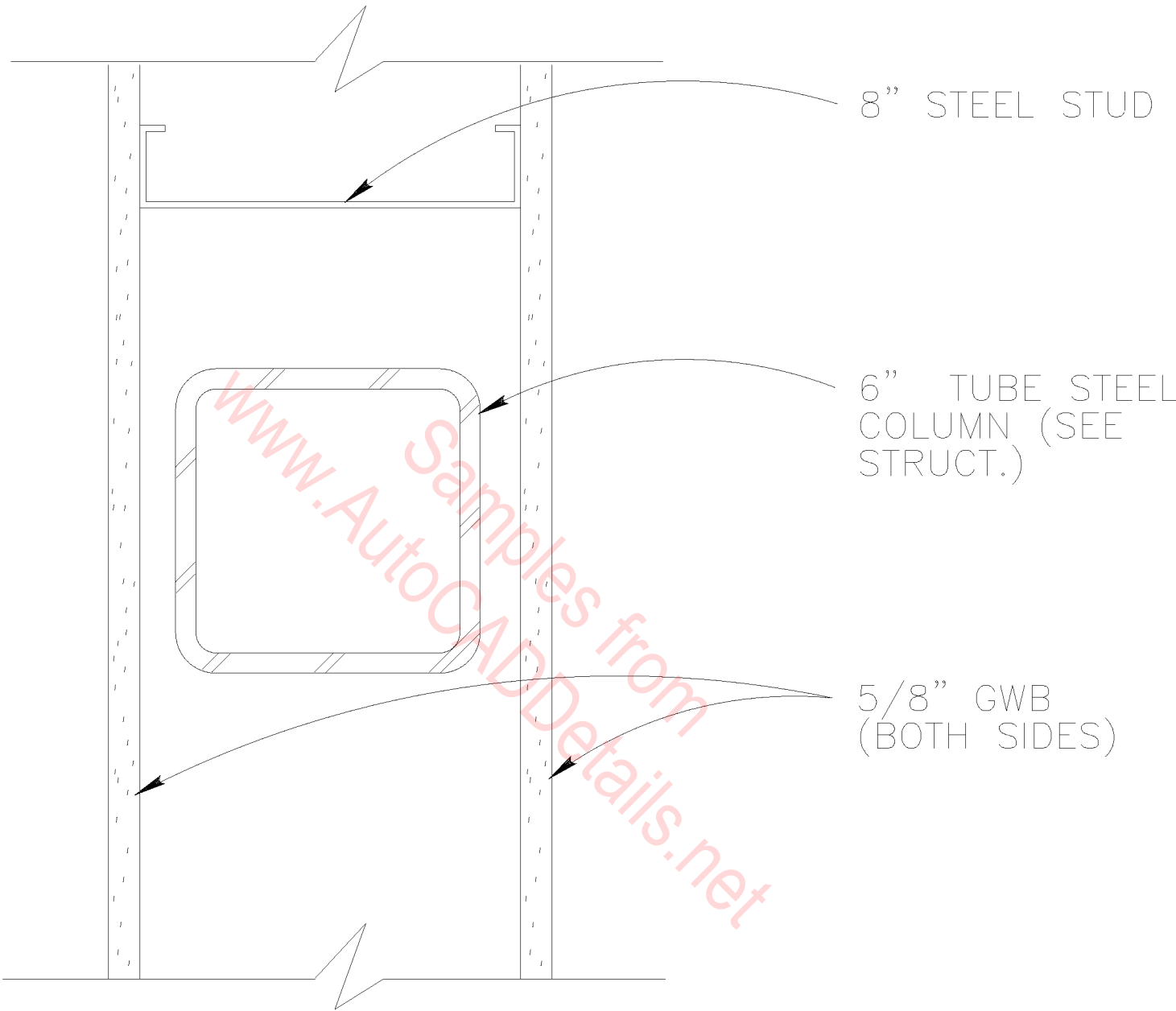
CURED MORTAR  
BED

CERAMIC TILE  
SET ON LATEX-  
PORTLAND CEMENT  
MORTAR BOND COAT

WALL TYPE

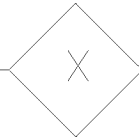
SCALE : 3"=1'-0"

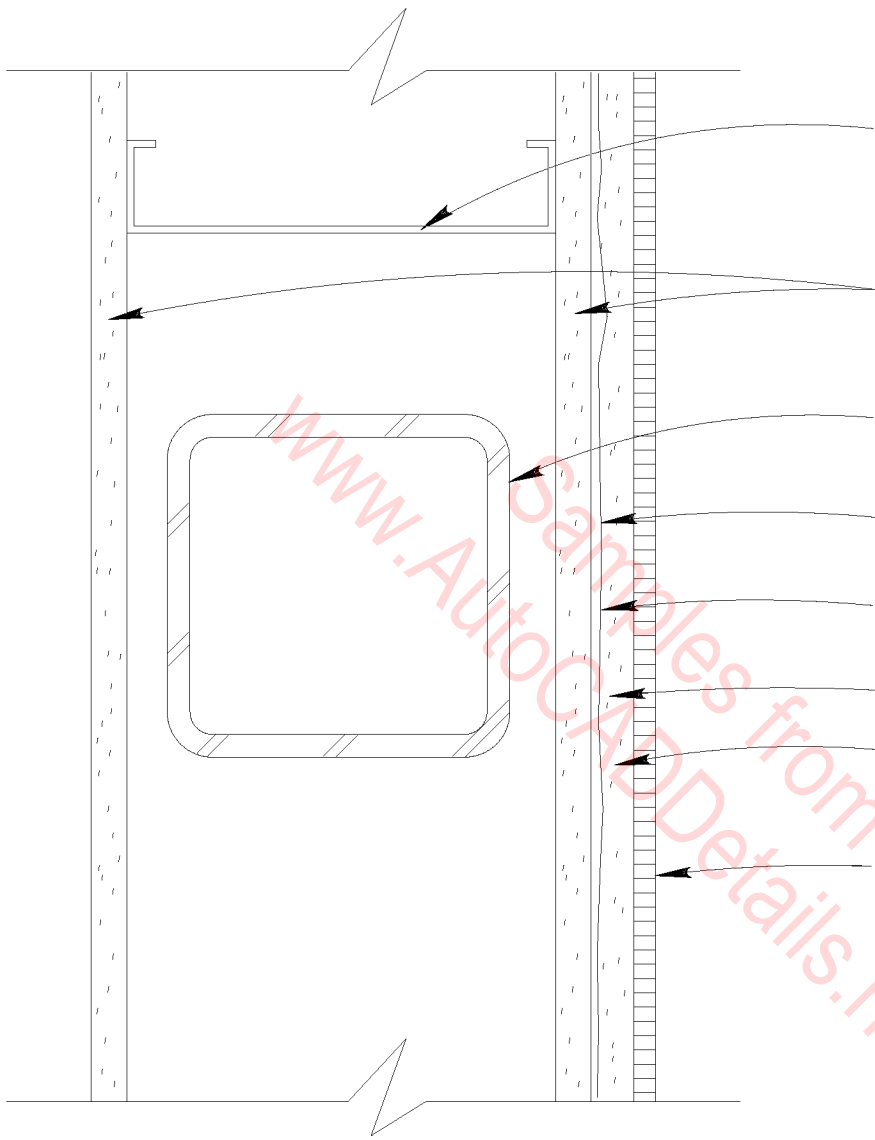




WALL TYPE

SCALE : 3" = 1'-0"





8" STEEL STUD

5/8" TYPE "X" GWB  
BOTH SIDES

6" TUBE STEEL  
COLUMN (SEE STRUCT.)

MEMBRANE

METAL LATH

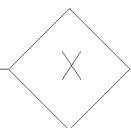
SCRATCH COAT

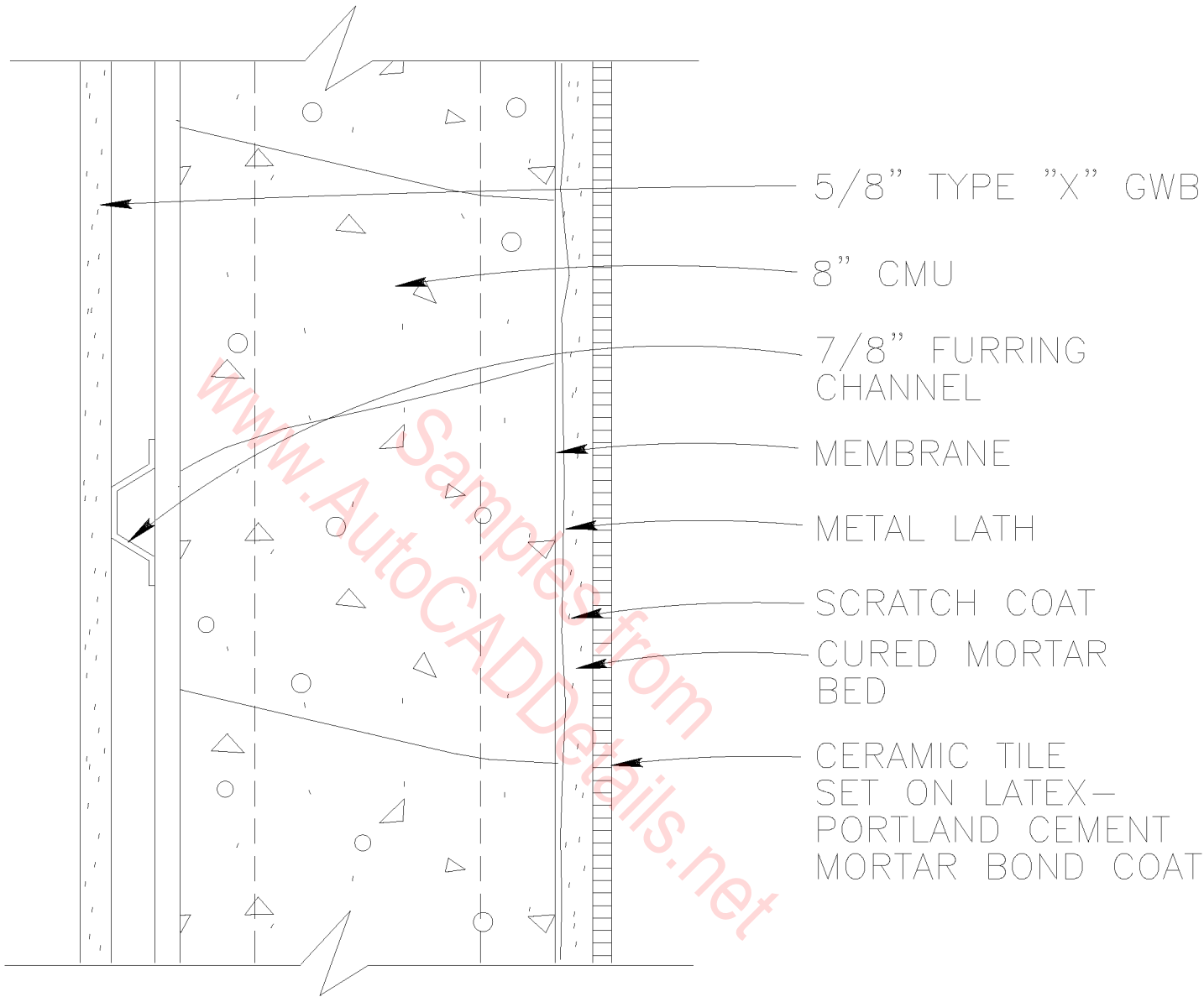
CURED MORTAR  
BED

CERAMIC TILE  
SET ON LATEX-  
PORTLAND CEMENT  
MORTAR BOND COAT

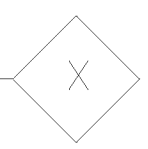
www.AutoCADSamples.com  
Details from

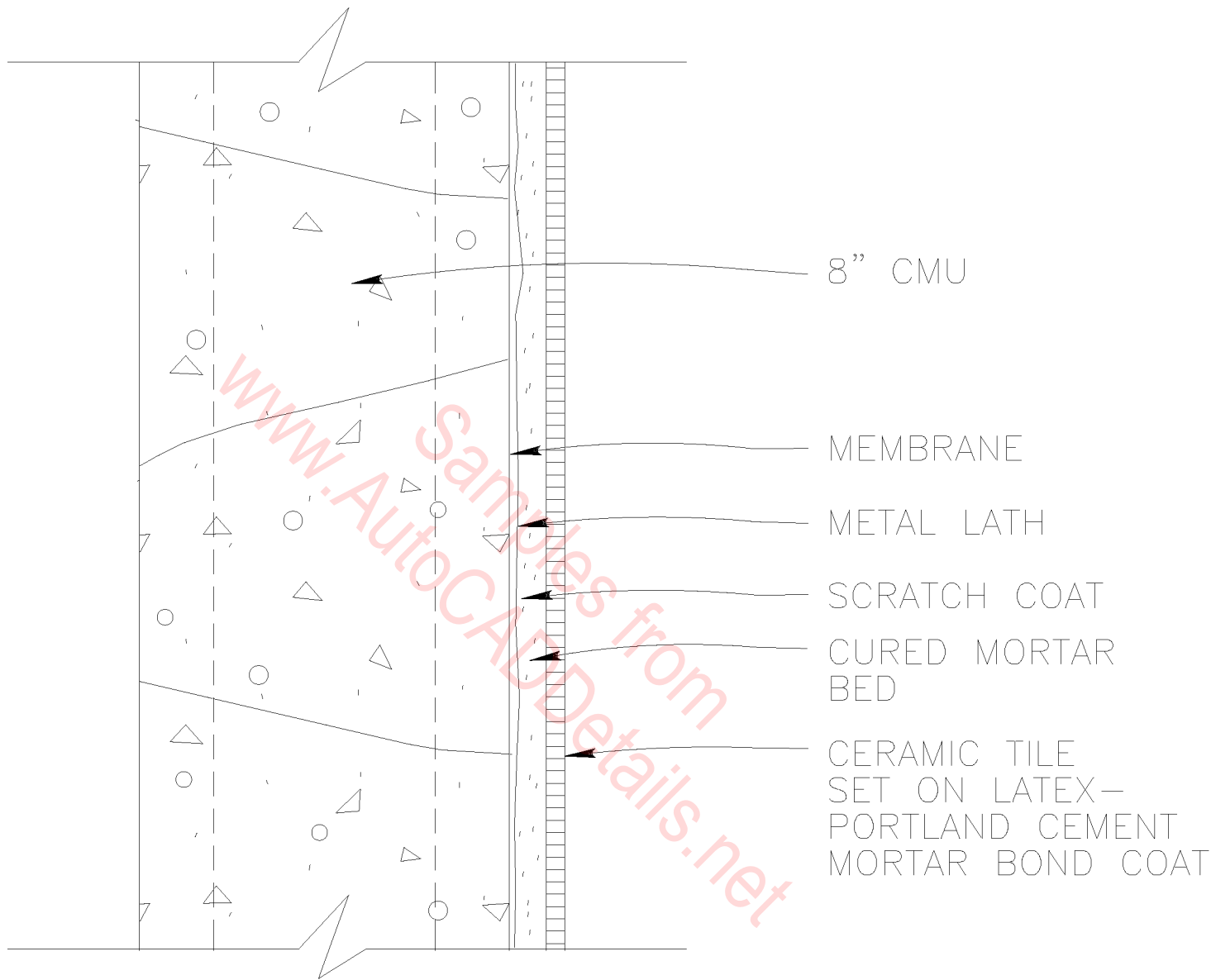
WALL TYPE  
1HR. FIRE RATED  
SCALE : 3"=1'-0"





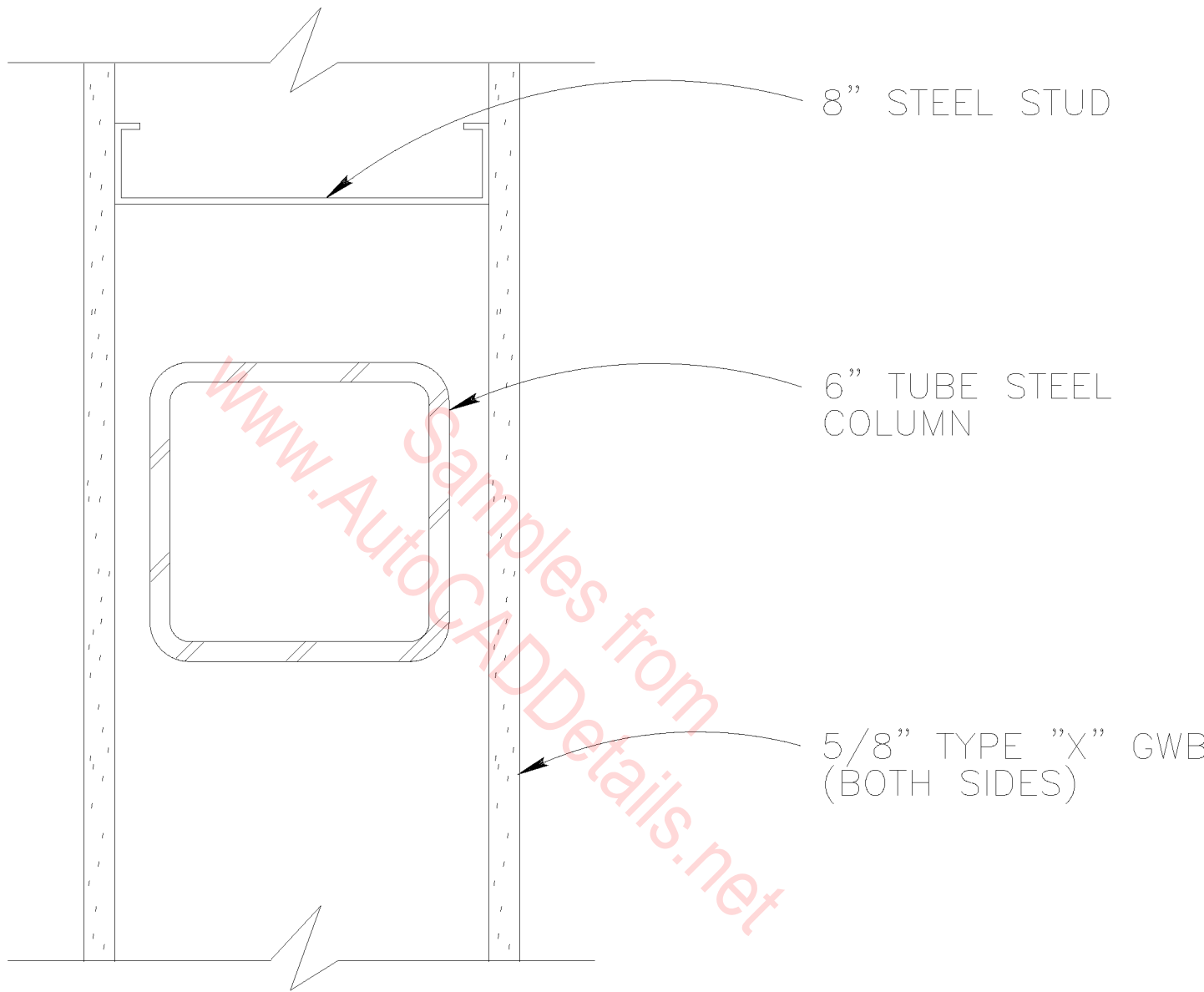
WALL TYPE  
 1 HR. FIRE RATED  
 SCALE : 3" = 1'-0"





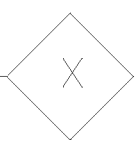
WALL TYPE  
 1 HR. FIRE RATED

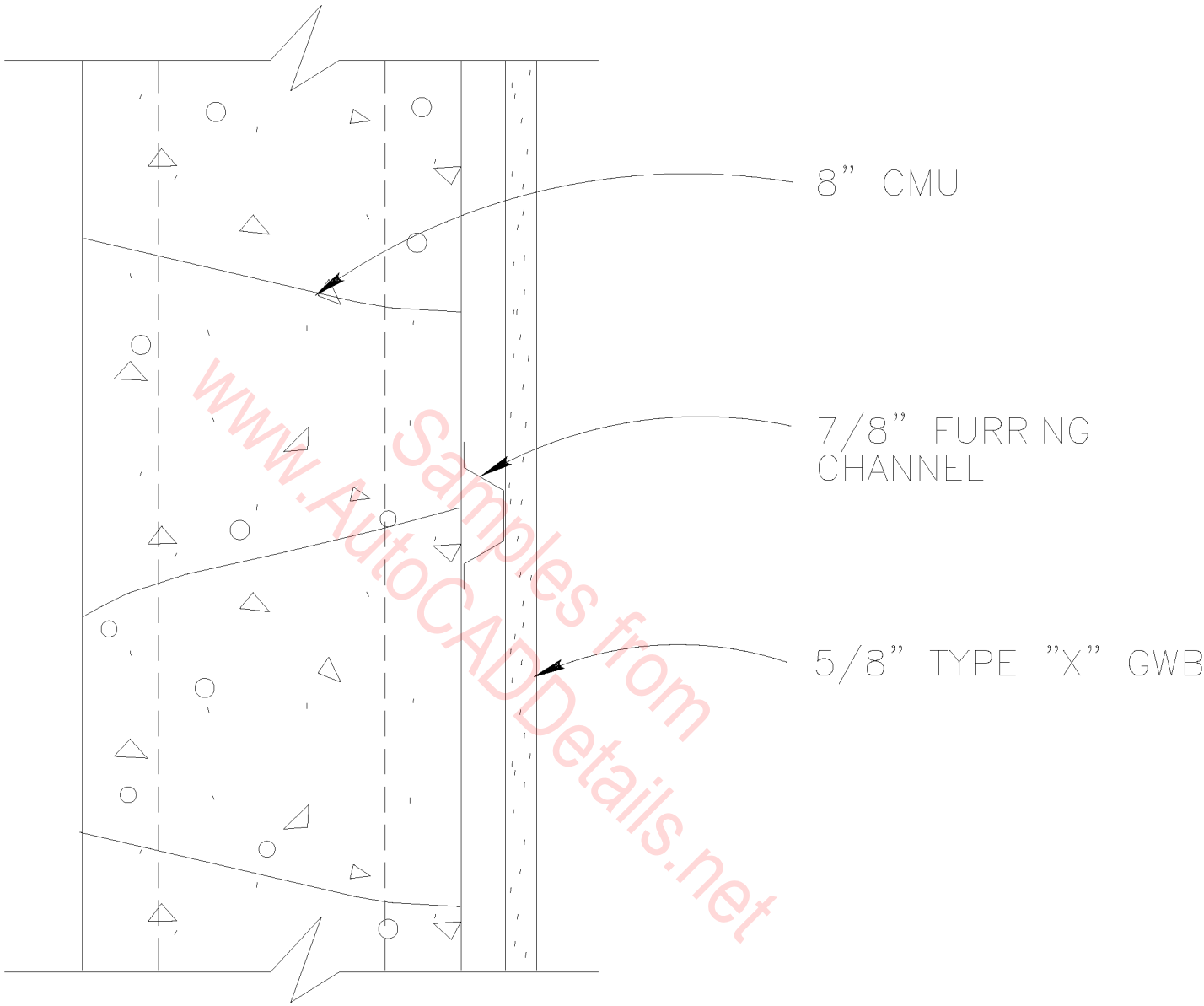
SCALE : 3" = 1'-0"



WALL TYPE  
 1 HR. FIRE RATED

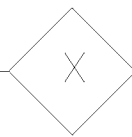
SCALE : 3" = 1'-0"



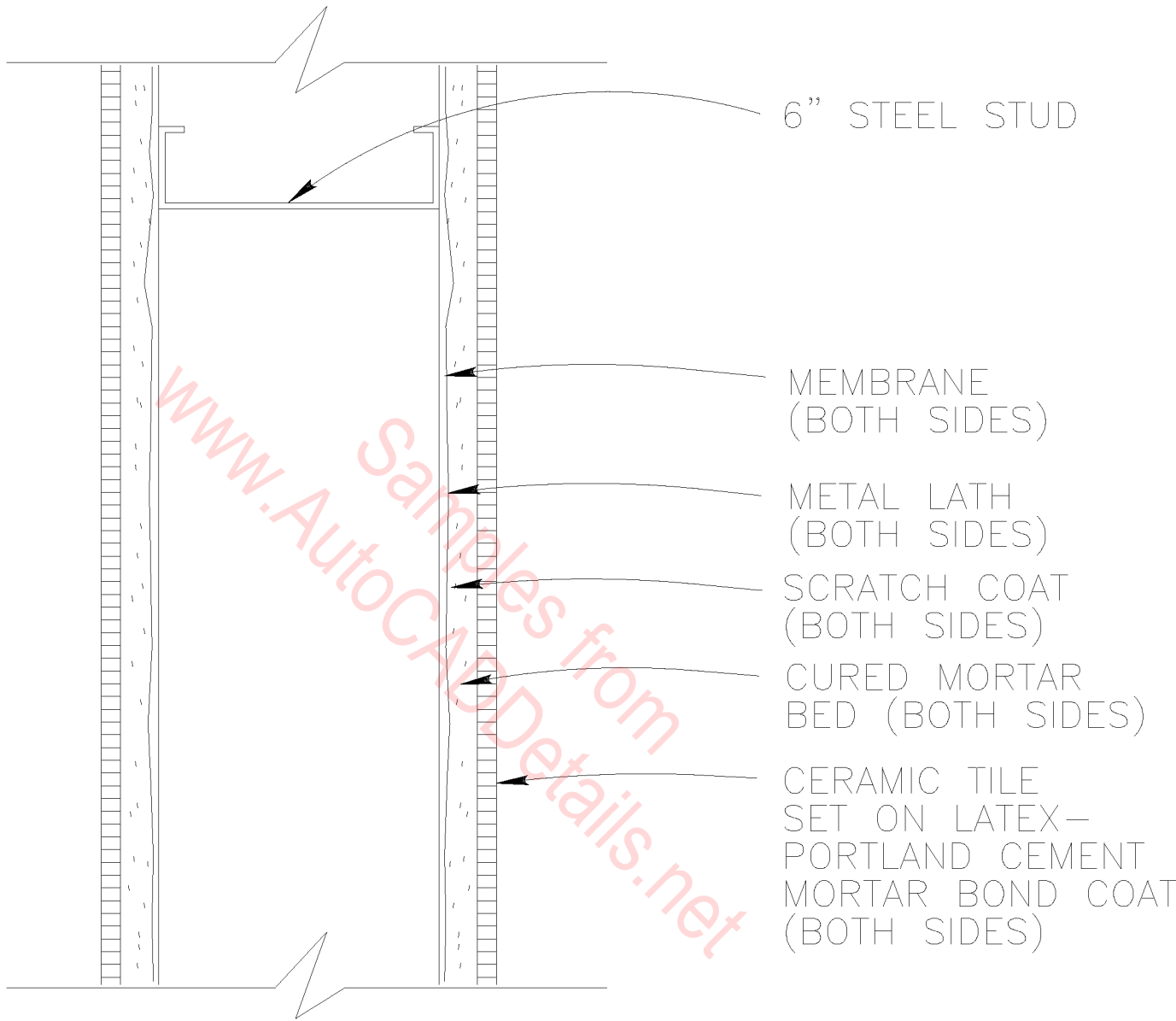


WALL TYPE  
 1 HR. FIRE RATED

SCALE : 3" = 1'-0"

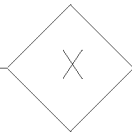


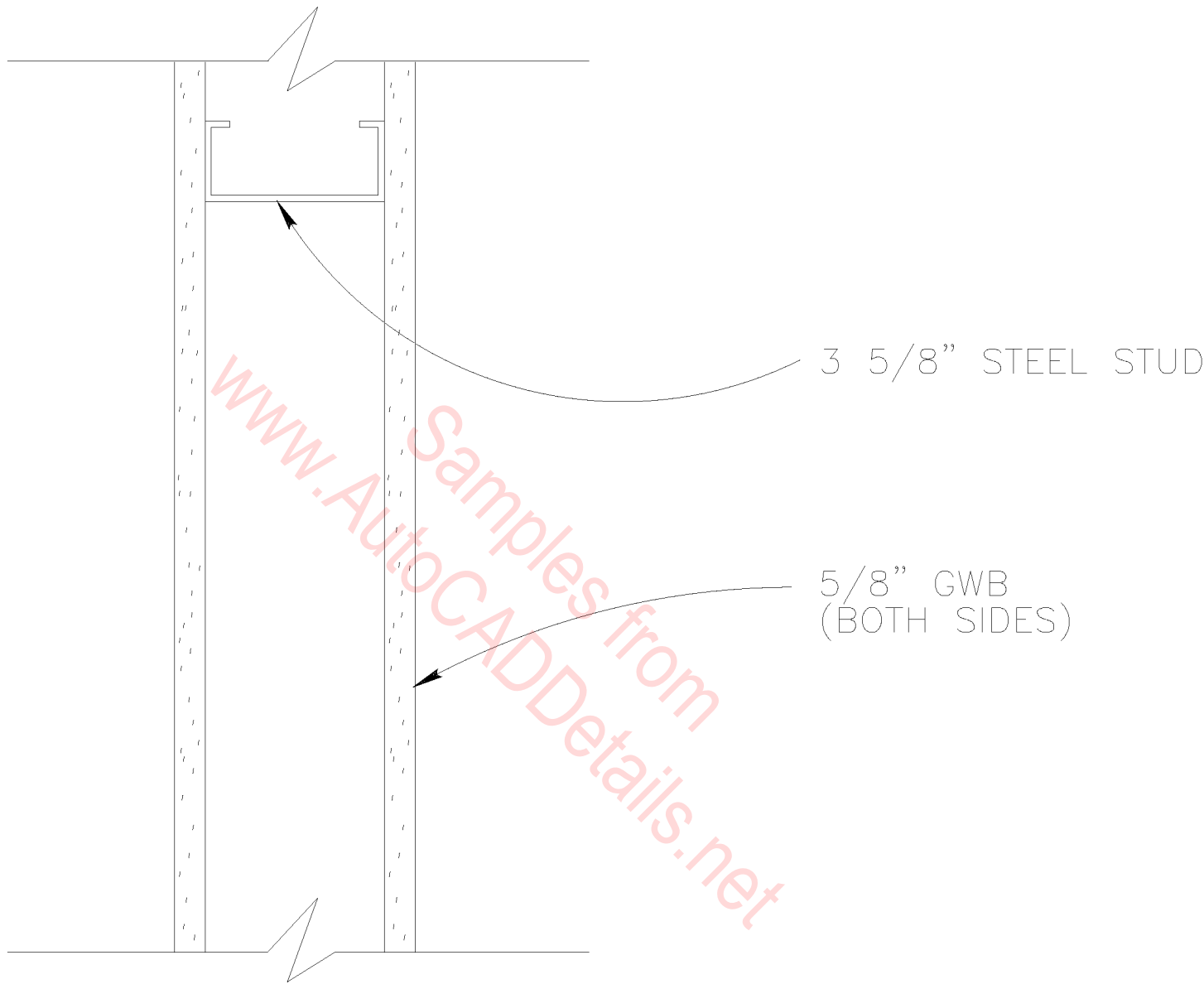




WALL TYPE

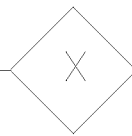
SCALE : 3" = 1'-0"

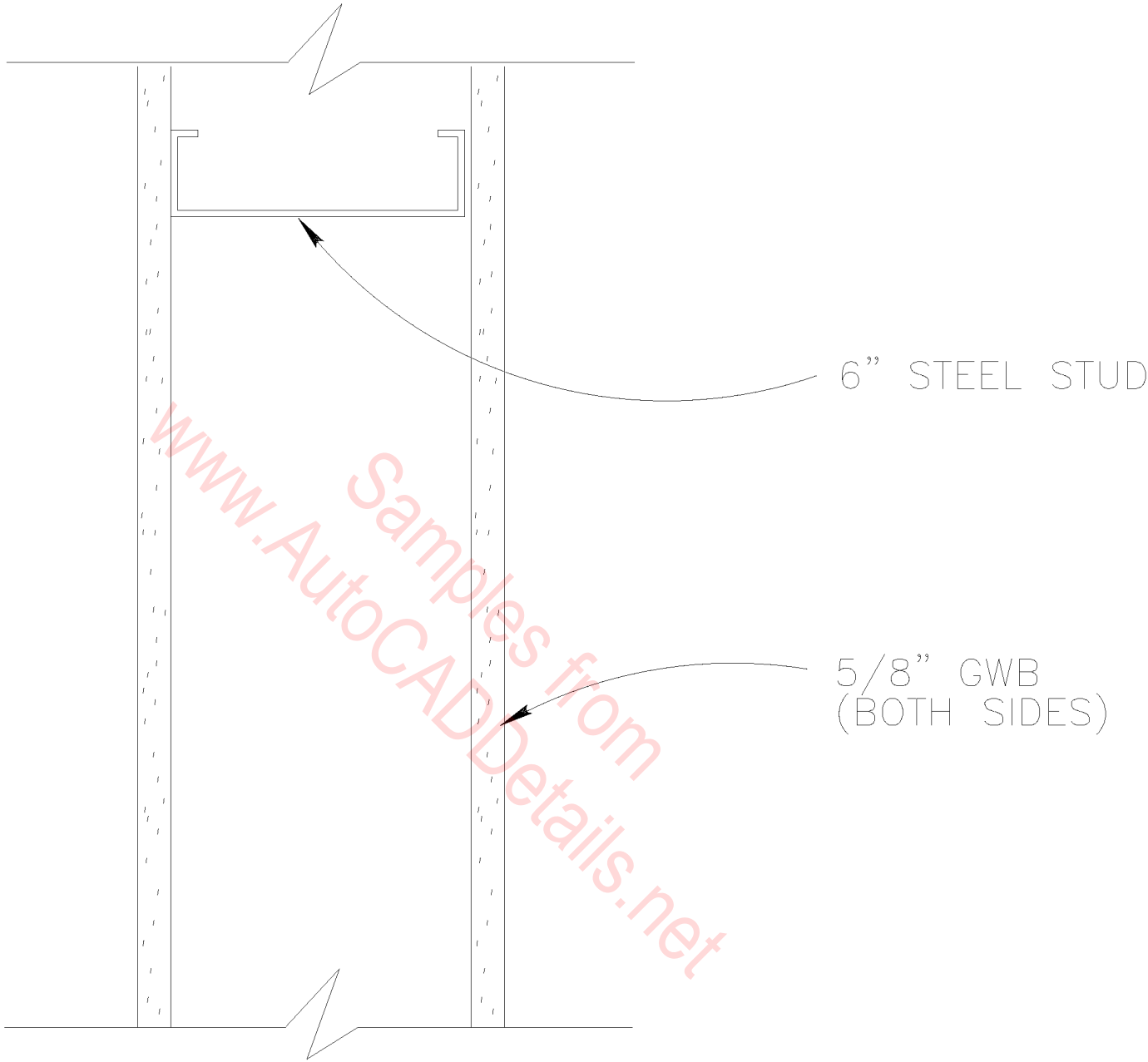




WALL TYPE

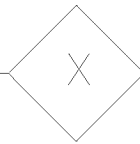
SCALE : 3" = 1'-0"

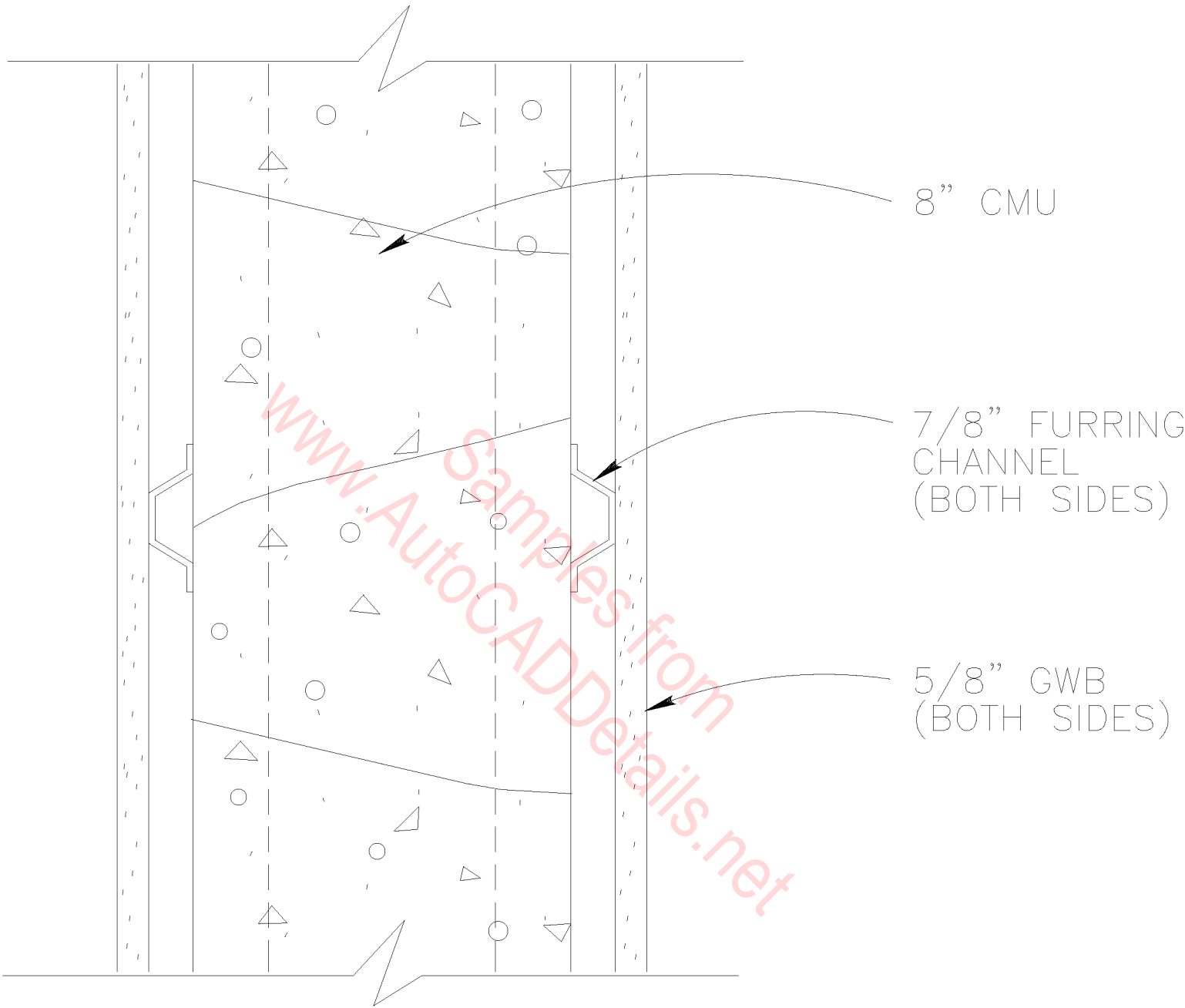




WALL TYPE

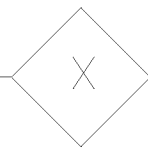
SCALE : 3" = 1' - 0"

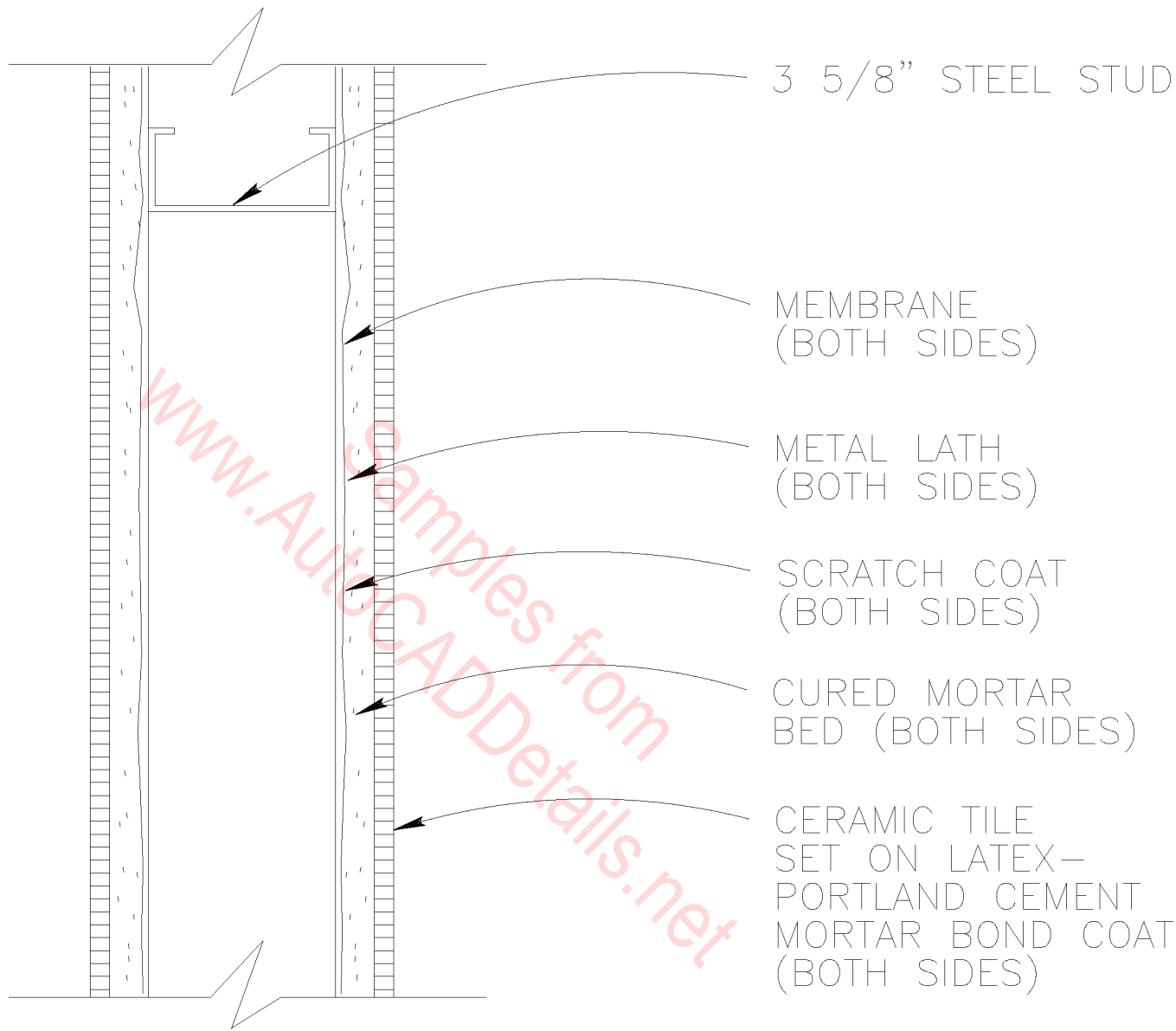




WALL TYPE

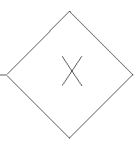
SCALE : 3" = 1'-0"

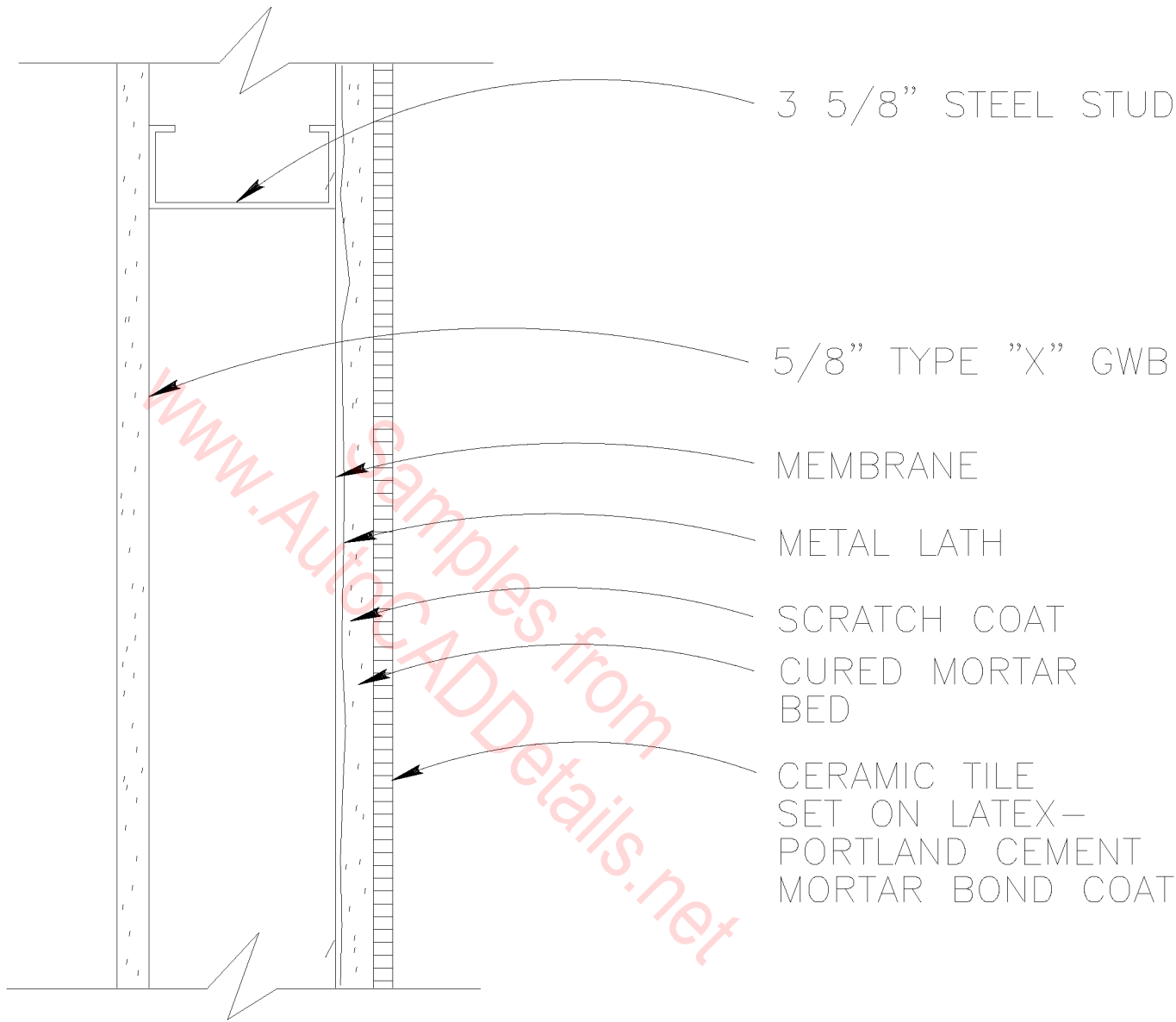




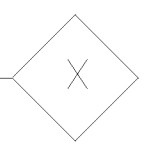
WALL TYPE

SCALE : 3" = 1'-0"

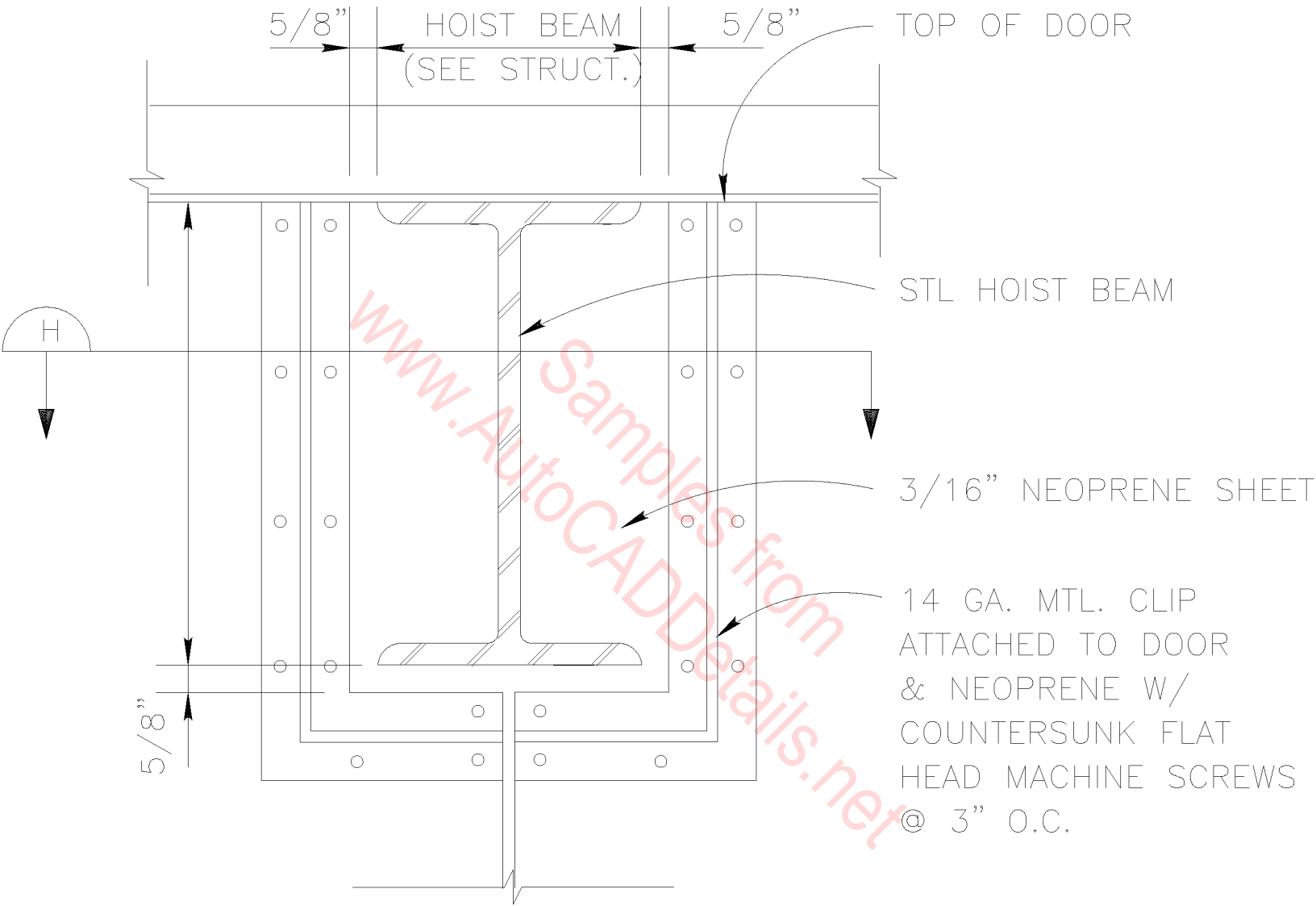




WALL TYPE  
 1 HR. FIRE RATED

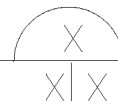


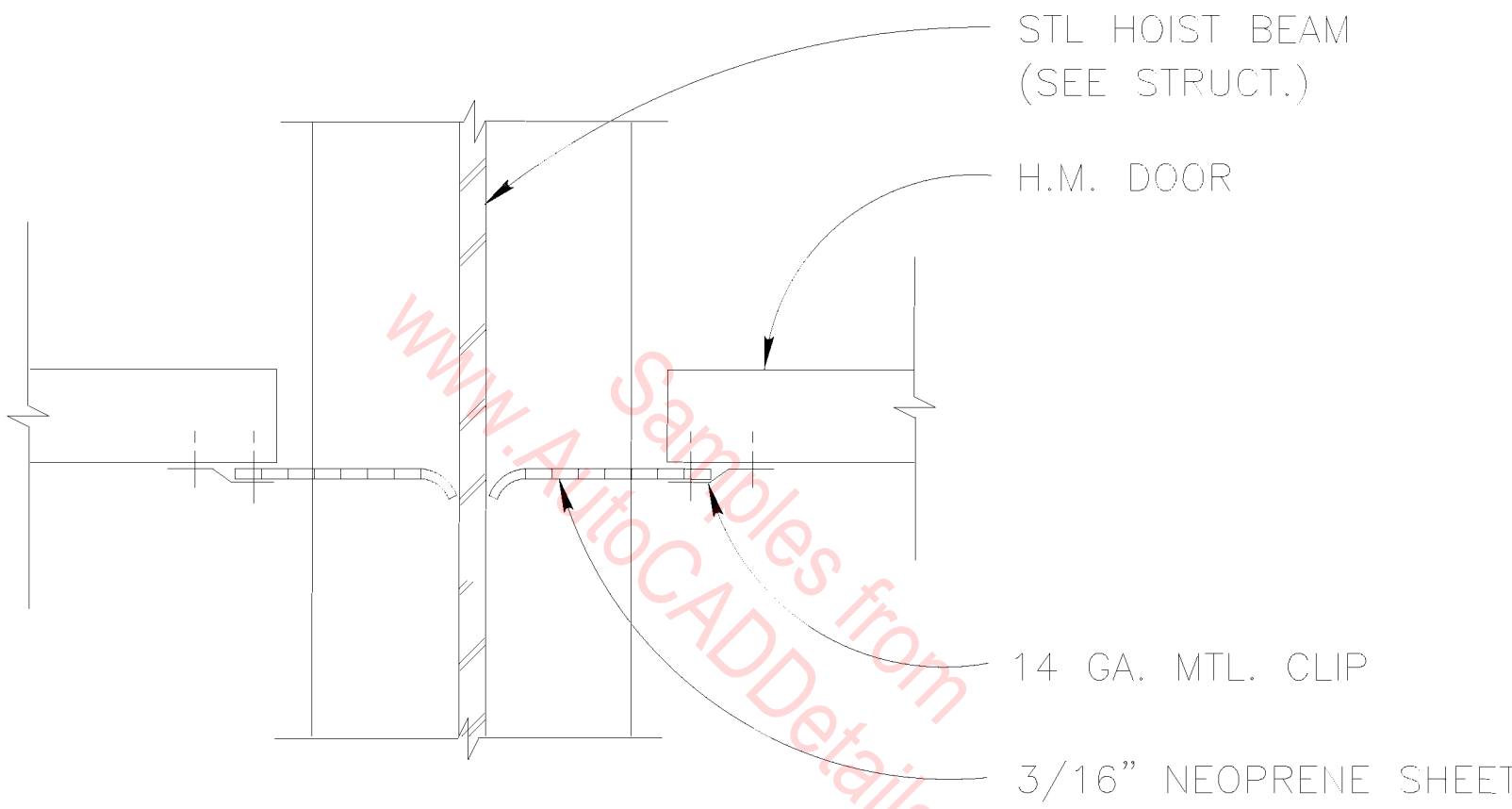
SCALE : 3" = 1'-0"



DOOR ELEV. @ HOIST BEAM

SCALE : 3" = 1'-0"

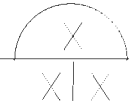




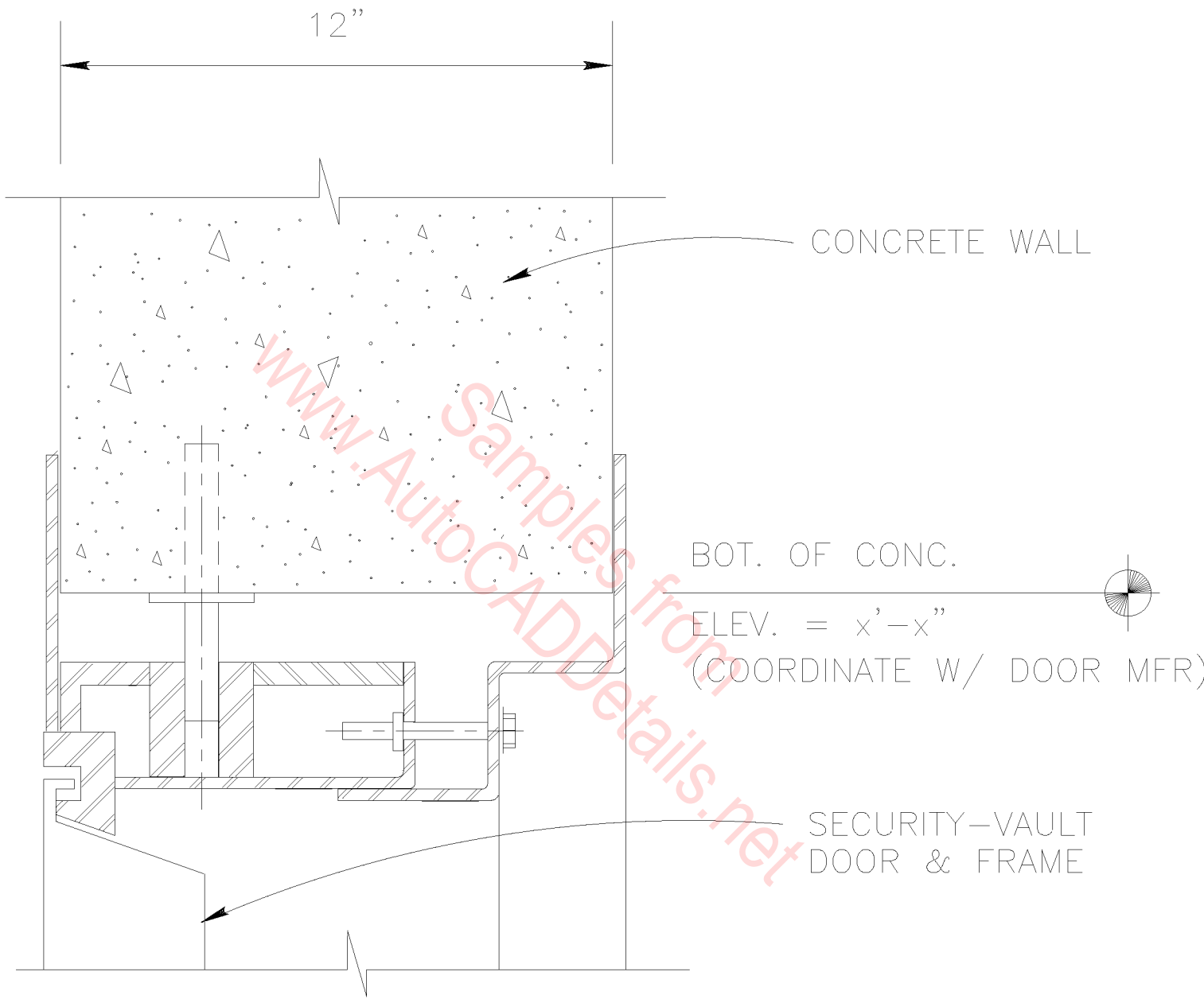
www.AutocADDetails.net

HOIST BEAM  
PENETRATION DETAIL

SCALE : 3" = 1'-0"

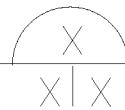


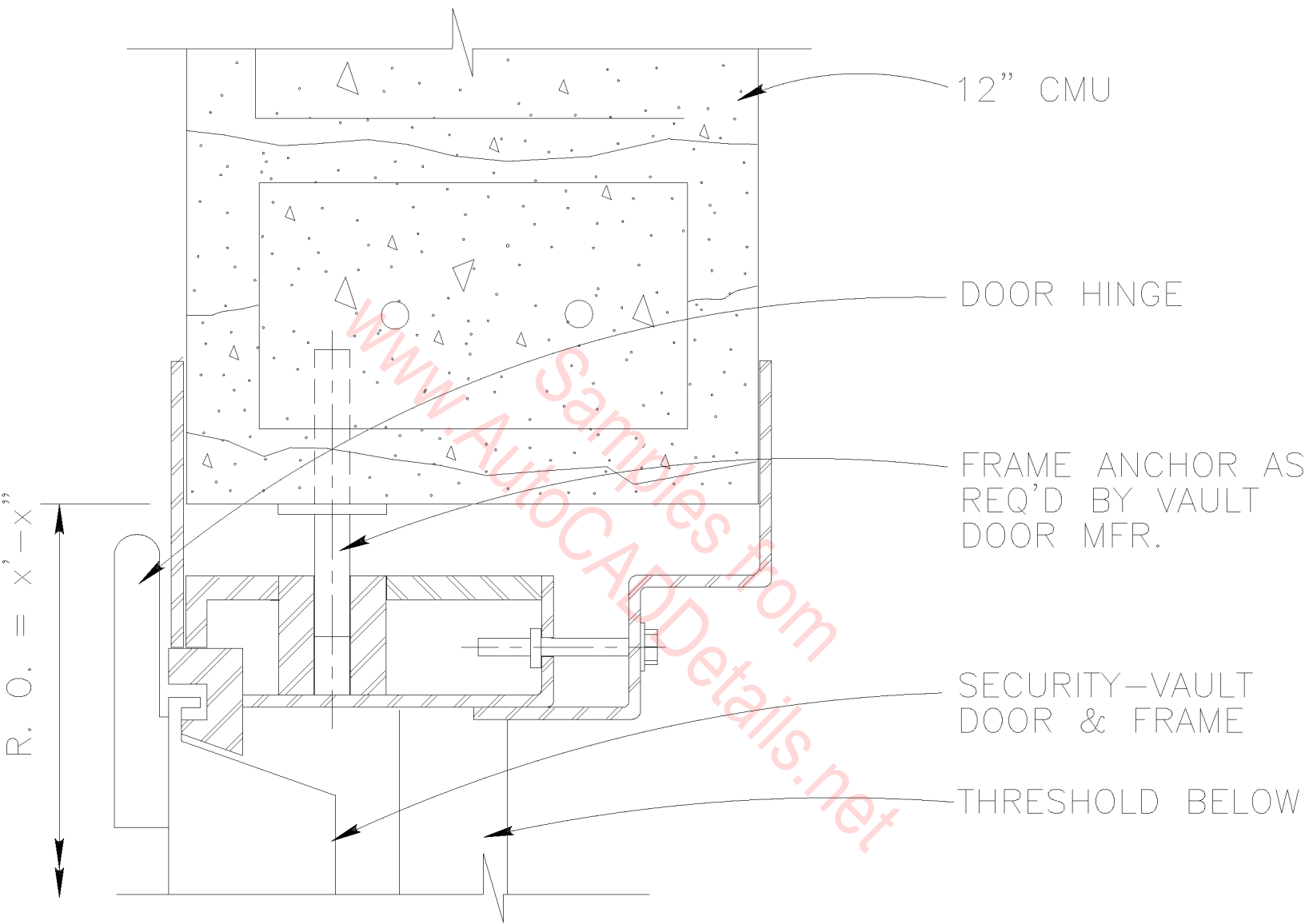




HEAD

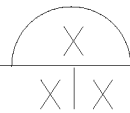
SCALE : 3" = 1'-0"

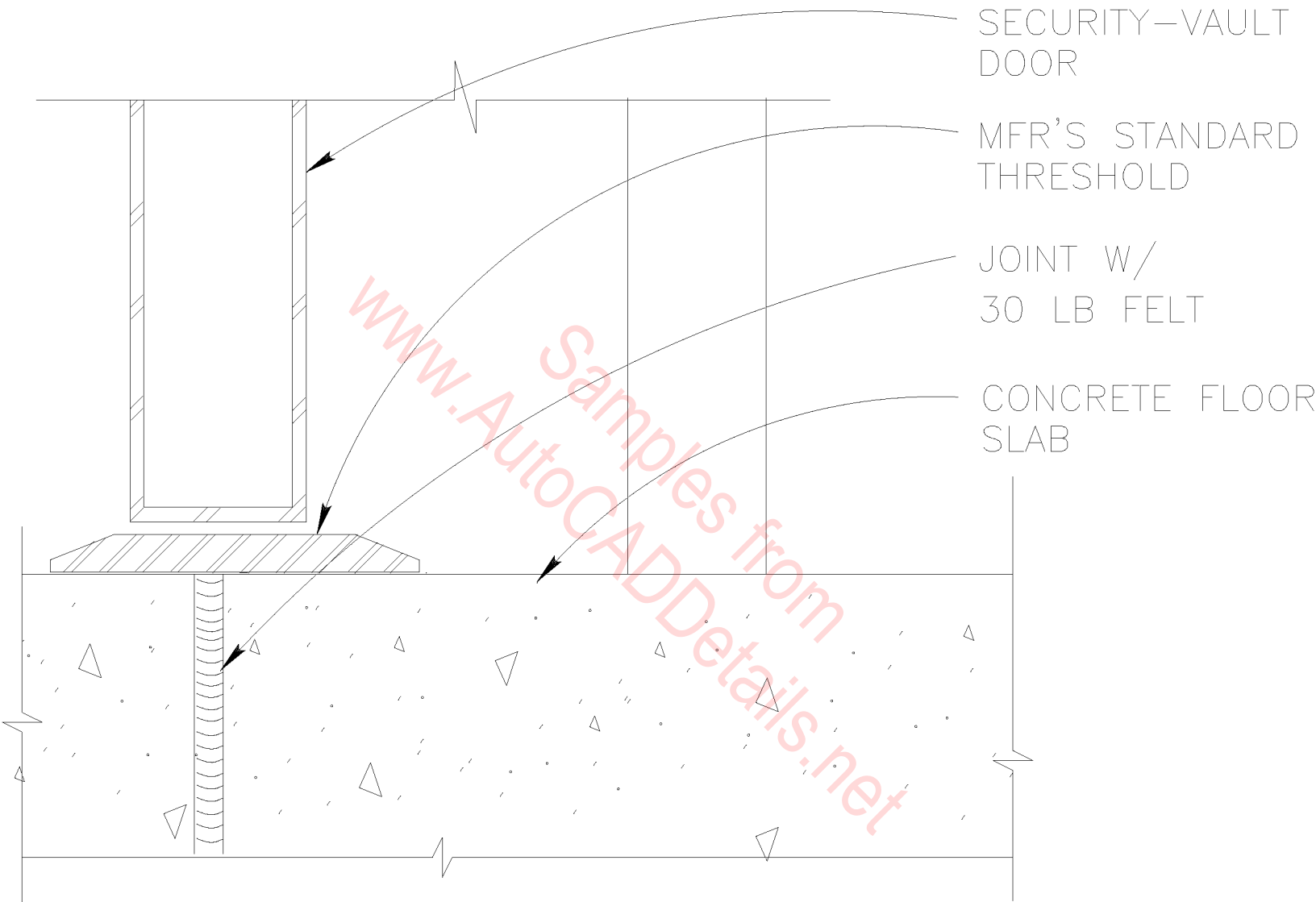




JAMB

SCALE : 3" = 1'-0"





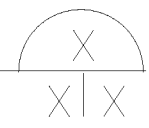
SECURITY-VAULT DOOR

MFR'S STANDARD THRESHOLD

JOINT W/  
30 LB FELT

CONCRETE FLOOR SLAB

SILL  
SCALE : 3"=1'-0"



REFER TO  
STRUCTURAL  
WALL DETAILS  
& REINFORCING

EXISTING

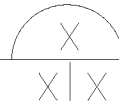
MAX. 1/8"

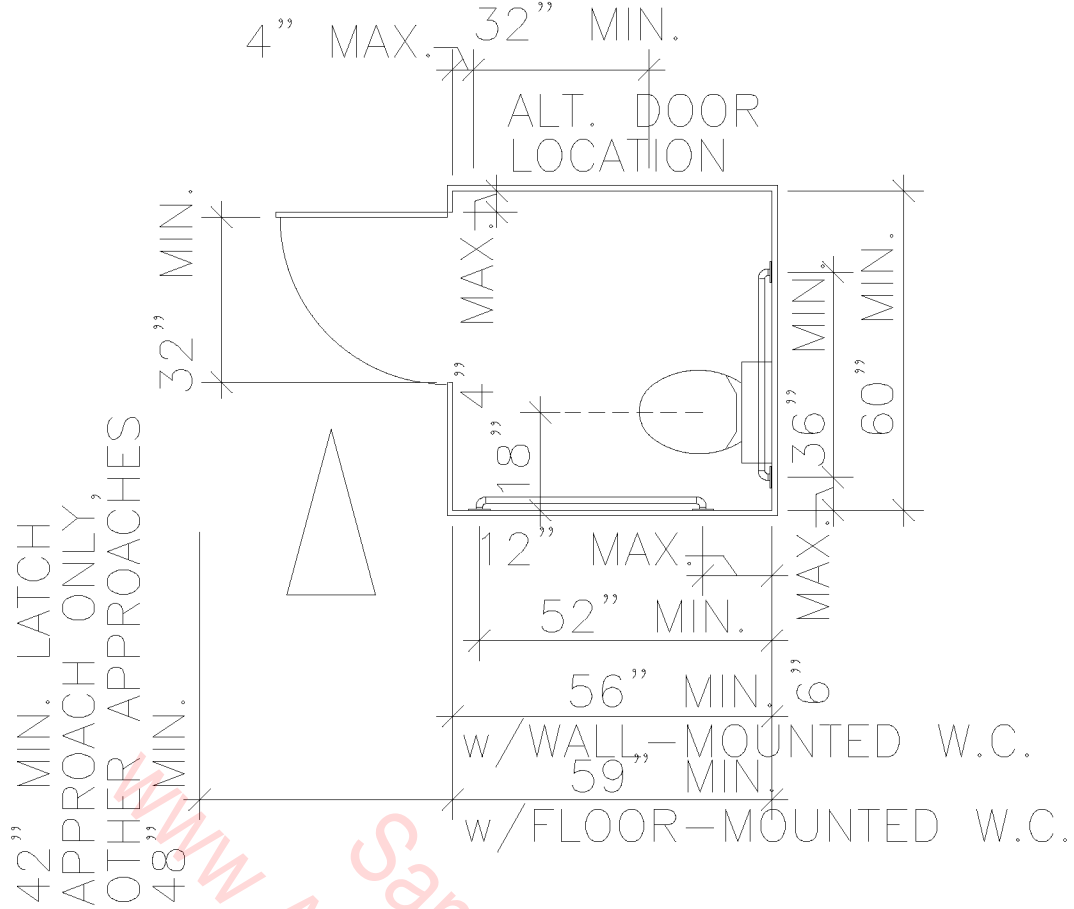
MAX. 1/8"

1/2" DIA. FLAT  
HD. TAMPER  
PROOF SCREW  
W/ ANCHOR  
12" O.C.

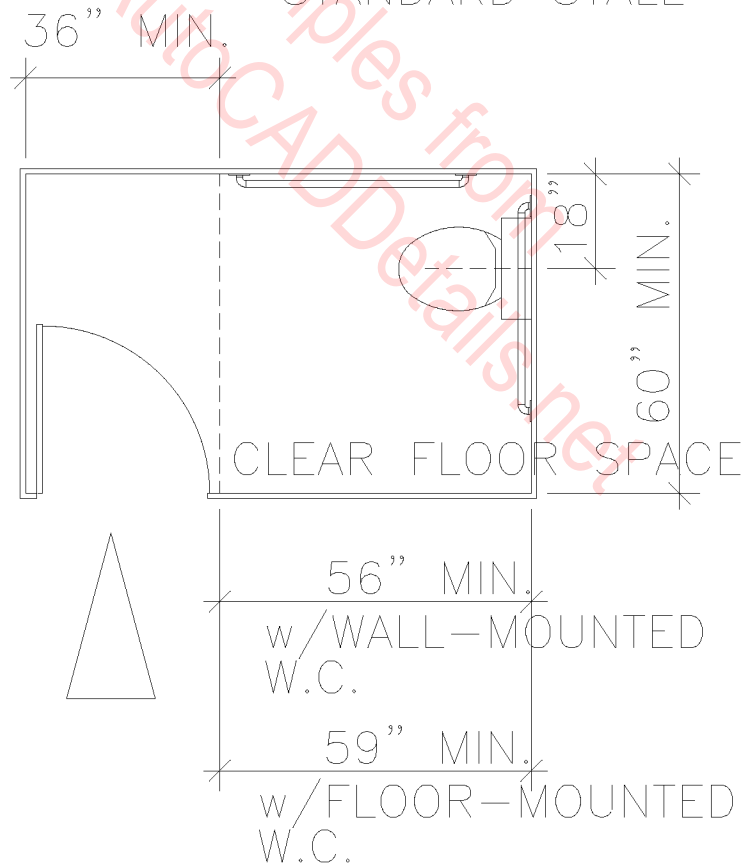
HEAD

SCALE : 3"=1'-0"





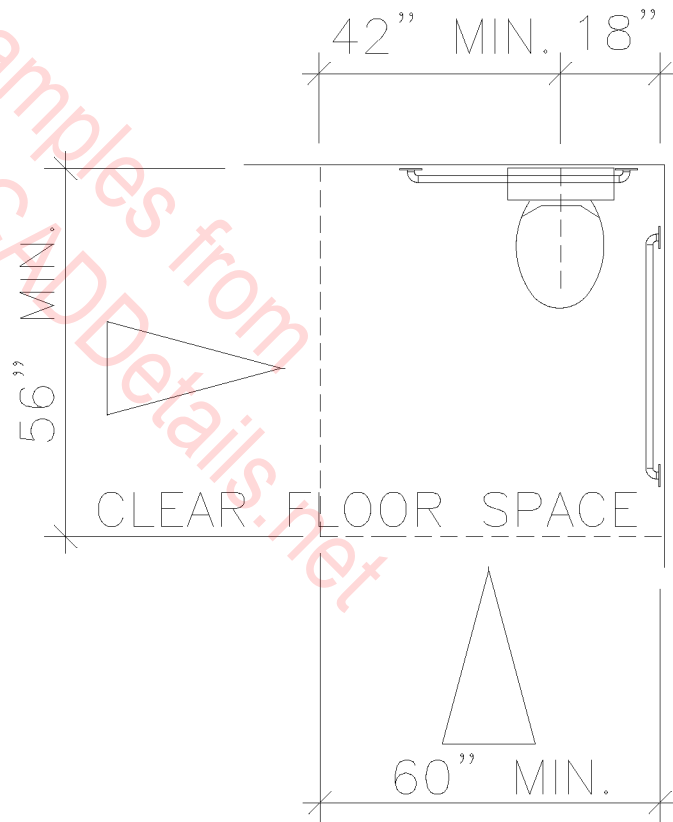
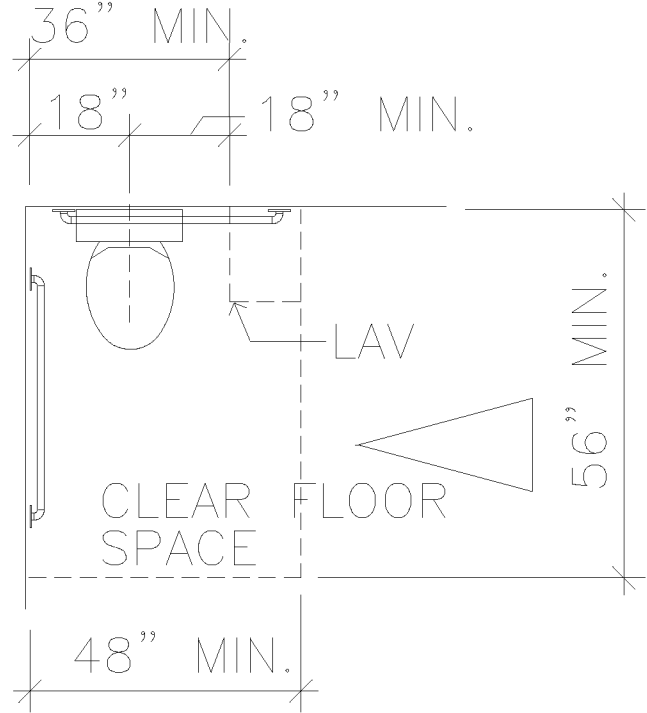
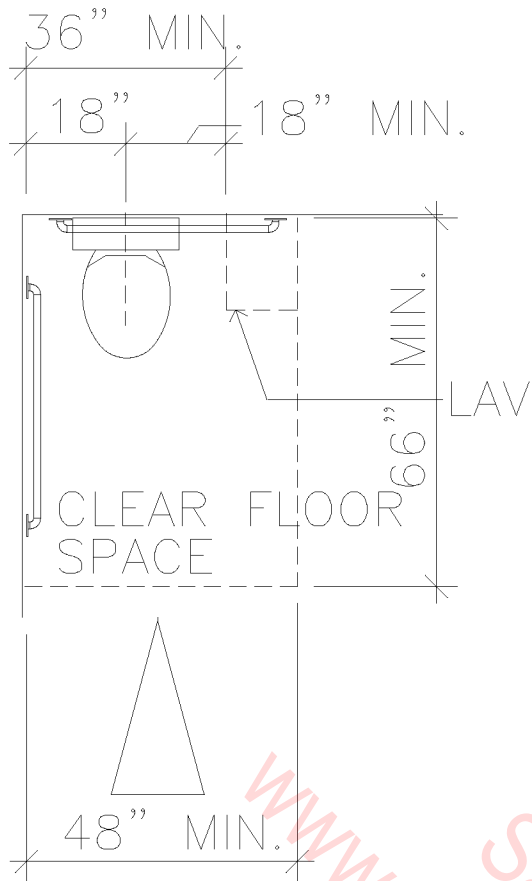
STANDARD STALL



STANDARD STALL (END OF ROW)

# TOILET ROOMS (STALLS)

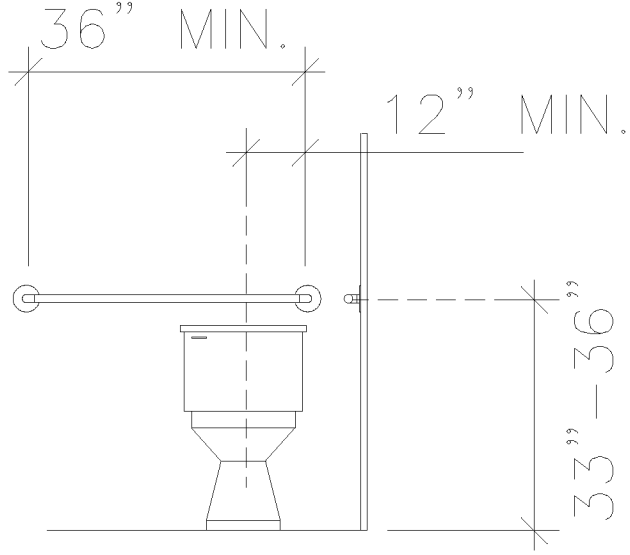
SCALE: 1/4" = 1'-0"



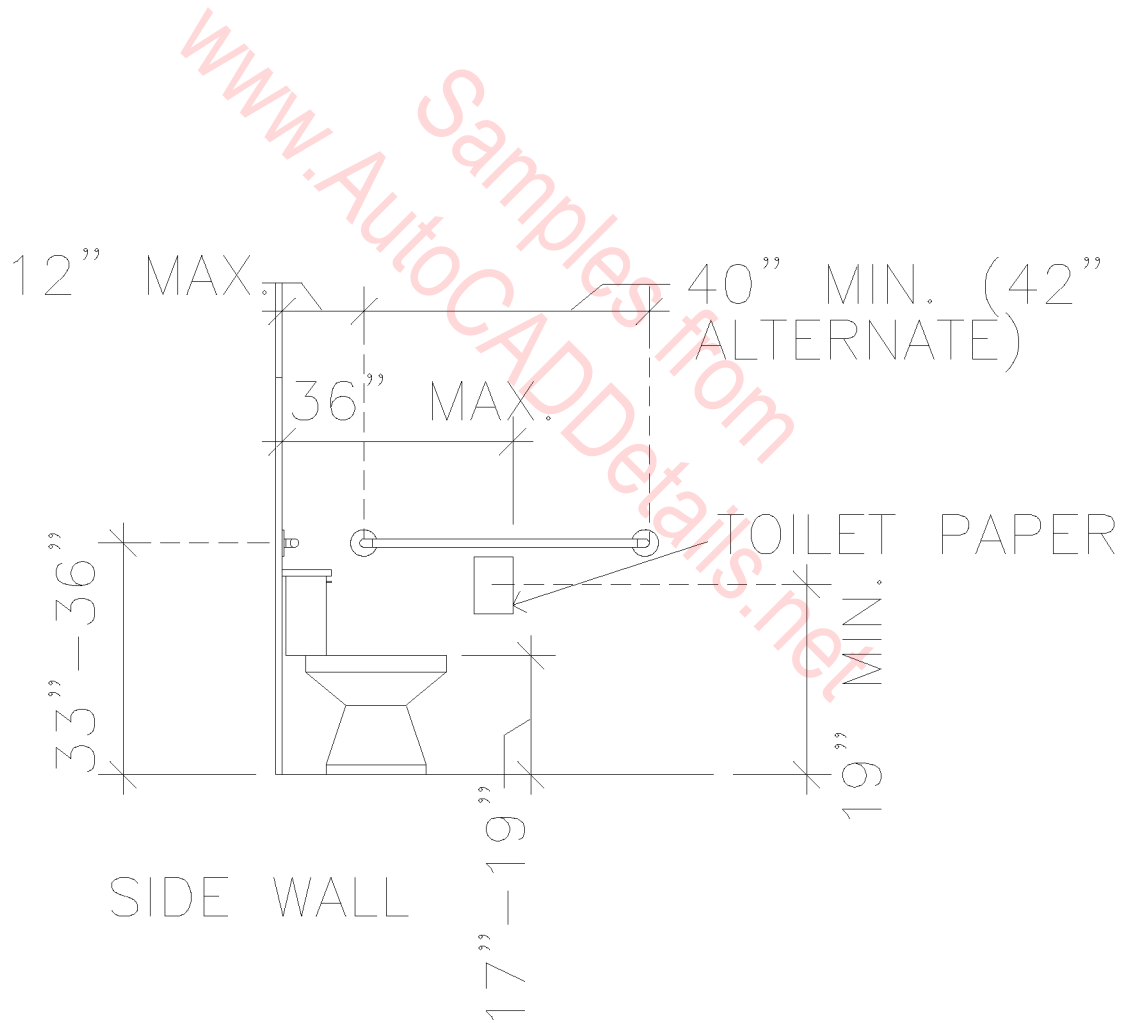
CLEAR FLOOR SPACE AT WATER CLOSETS

# TOILET ROOMS (OPEN)

SCALE: 1/4" = 1'-0"



REAR WALL

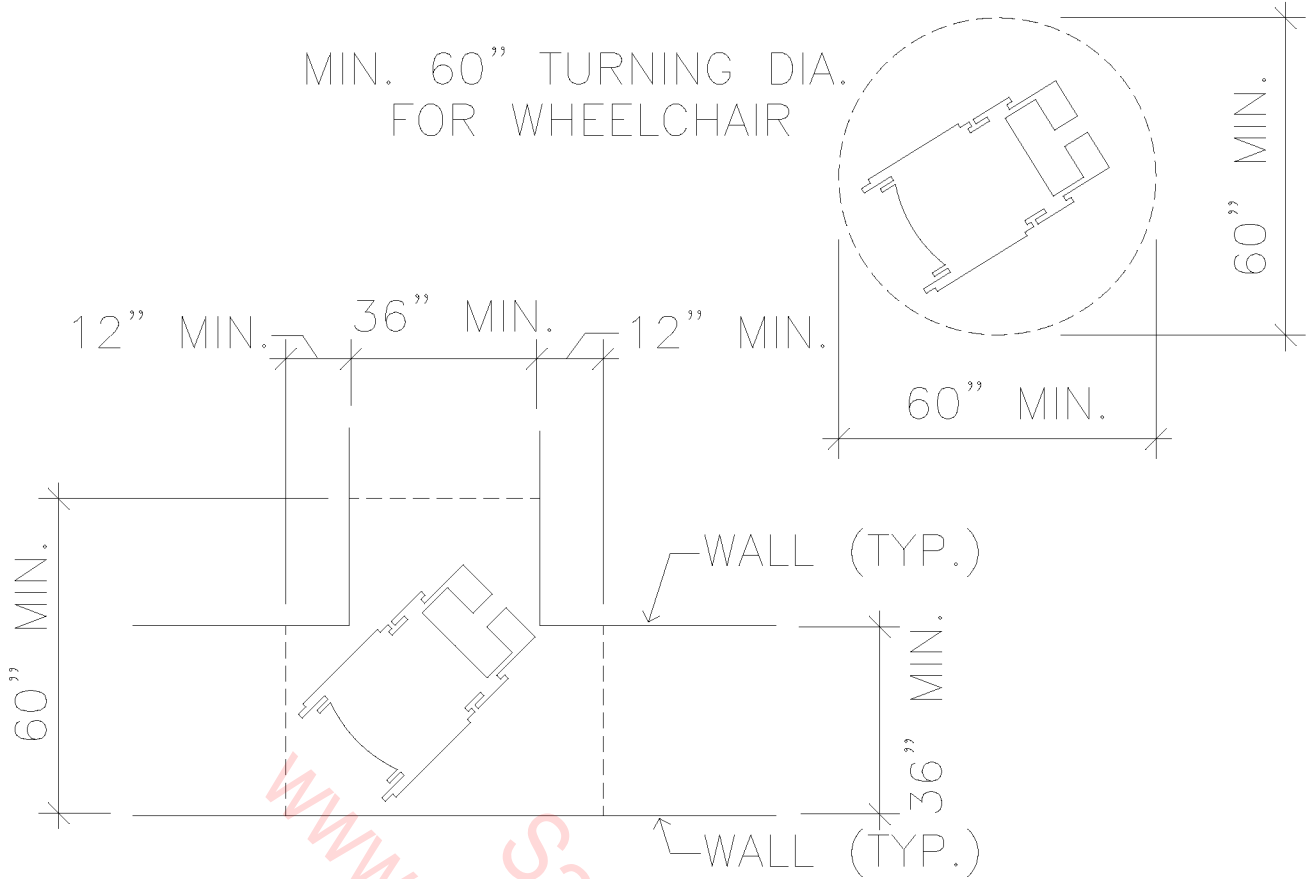


SIDE WALL

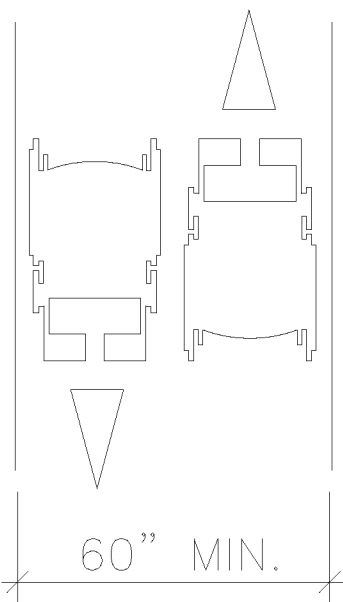
# TOILET ROOM ELEVATIONS

SCALE:  $1/4'' = 1' - 0''$

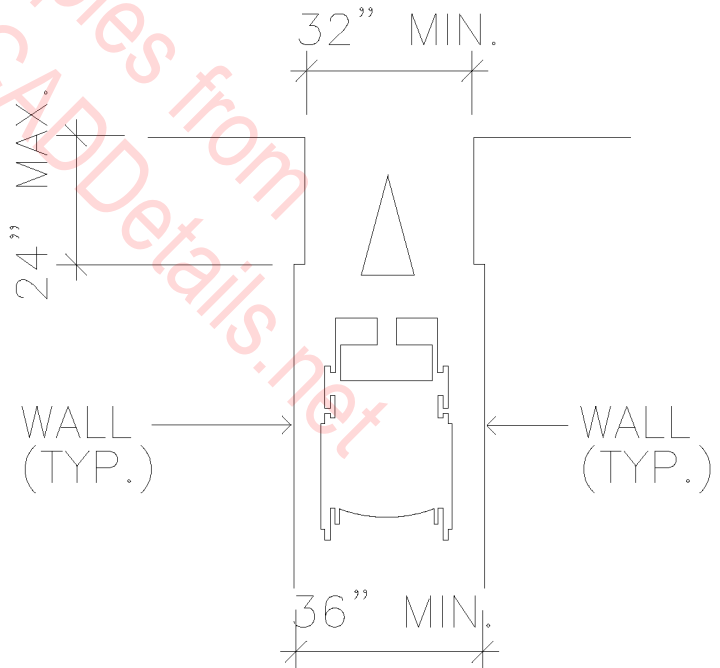
MIN. 60" TURNING DIA.  
FOR WHEELCHAIR



T-SHAPED SPACE FOR  
180-DEGREE TURNS



MIN. CLEAR WIDTH FOR  
TWO WHEELCHAIRS

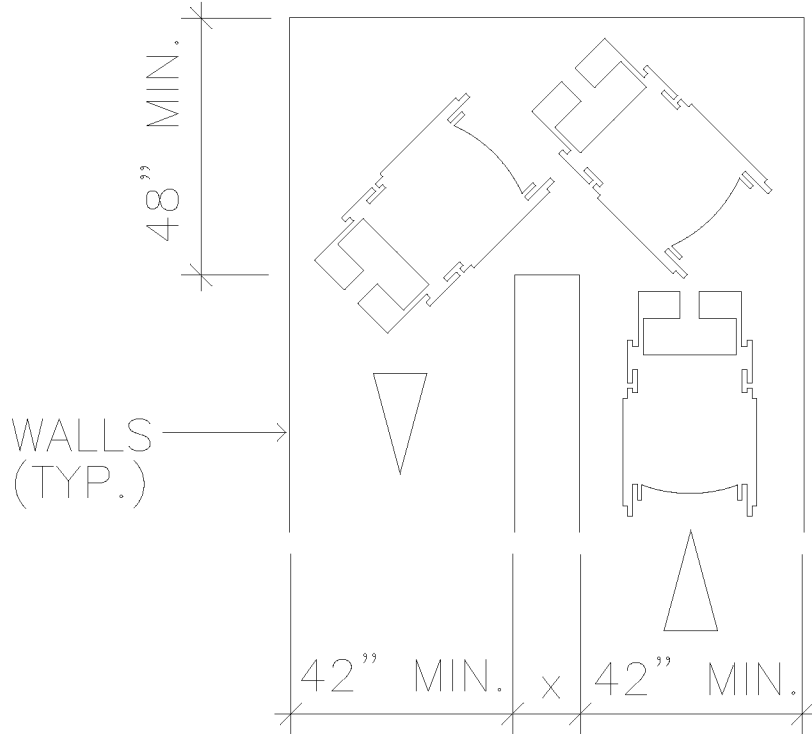


MIN. CLEAR WIDTH FOR  
SINGLE WHEELCHAIR

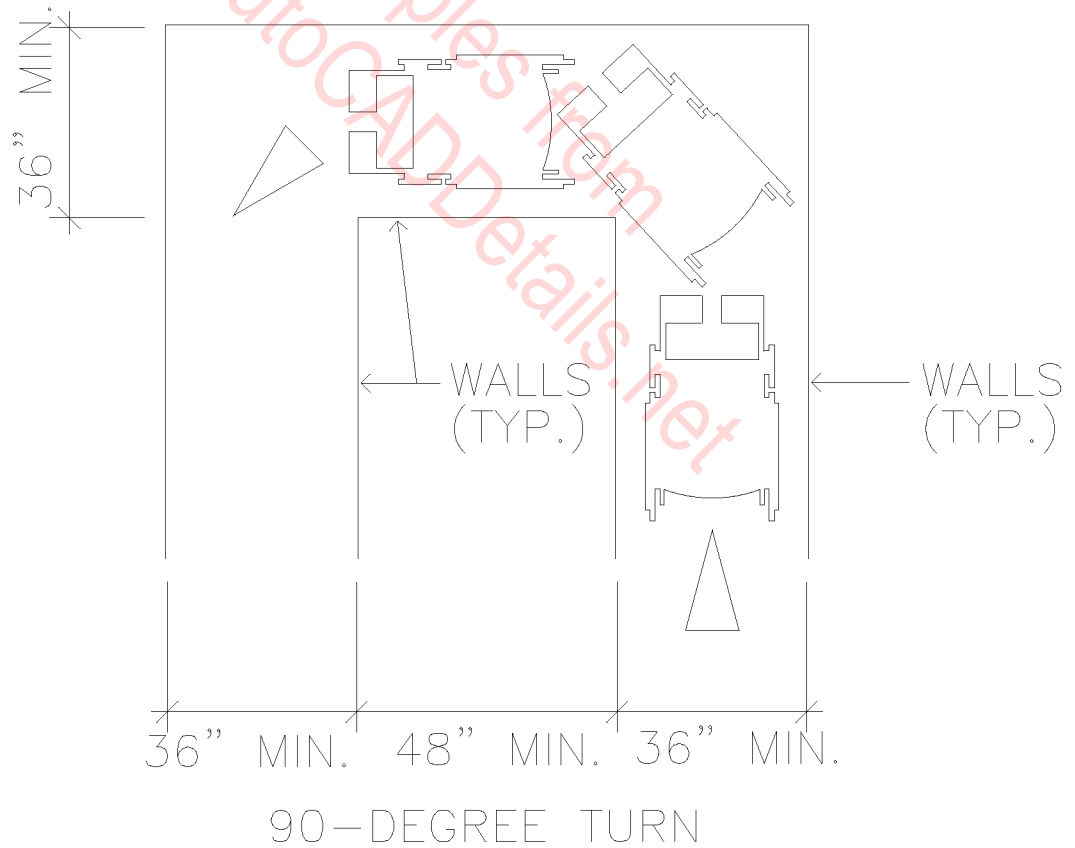
# WHEELCHAIR TURNING LAYOUTS

SCALE: 1/4" = 1'-0"



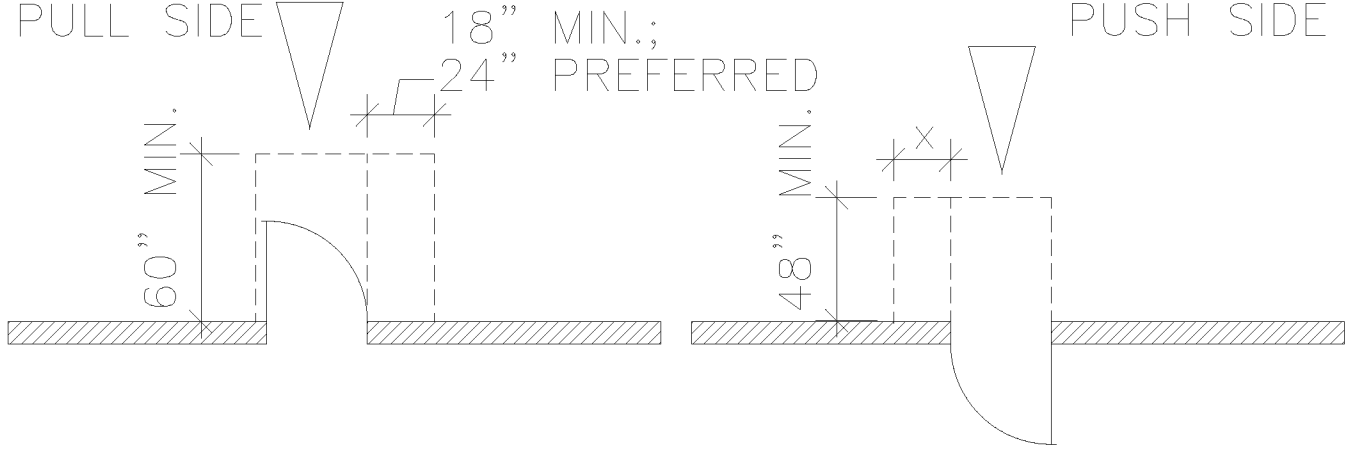


NOTE: DIMENSIONS SHOWN APPLY  
 WHEN 'x' IS LESS THAN 48"  
 TURNS AROUND AN OBSTRUCTION



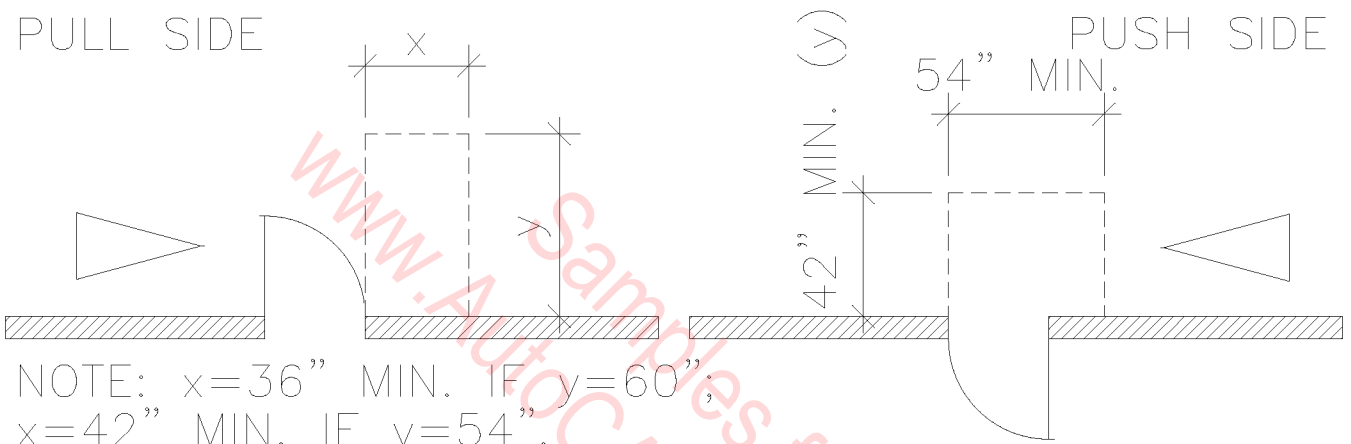
# WHEELCHAIR TURNING LAYOUTS

SCALE: 1/4" = 1'-0"



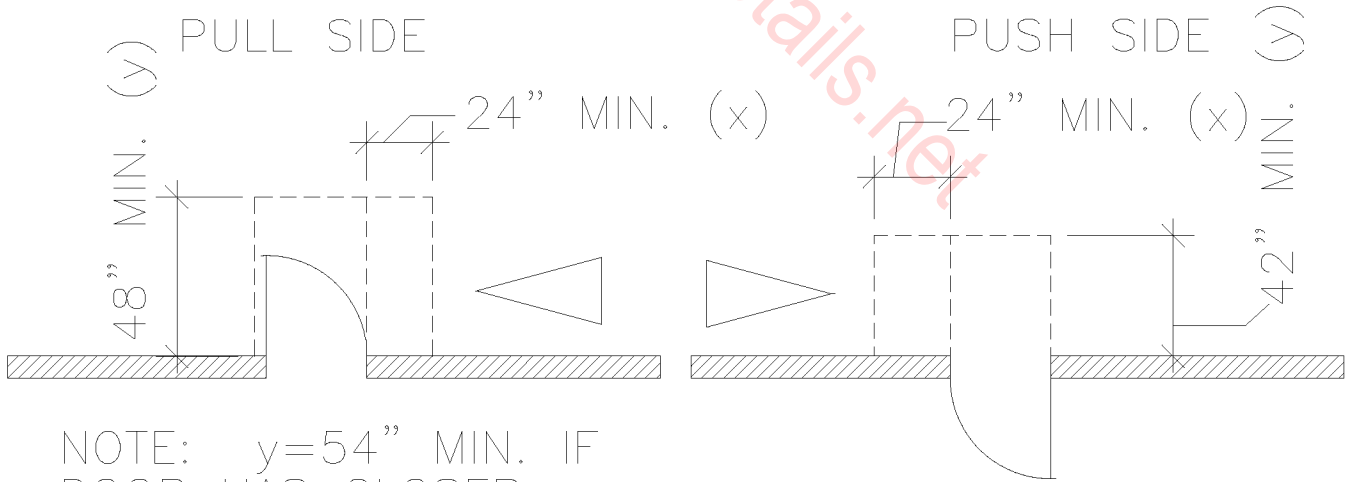
NOTE:  $x=12''$  IF DOOR HAS BOTH A CLOSER AND LATCH.

(A) FRONT APPROACHES -- SWINGING DOORS



NOTE:  $y=48''$  MIN. IF DOOR HAS BOTH A LATCH AND CLOSER.

(B) HINGE SIDE APPROACHES -- SWINGING DOORS



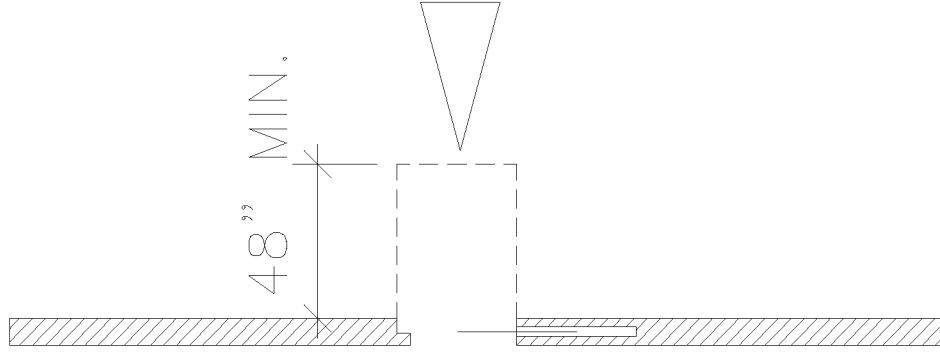
NOTE:  $y=54''$  MIN. IF DOOR HAS CLOSER.

NOTE:  $y=48''$  MIN. IF DOOR HAS CLOSER.

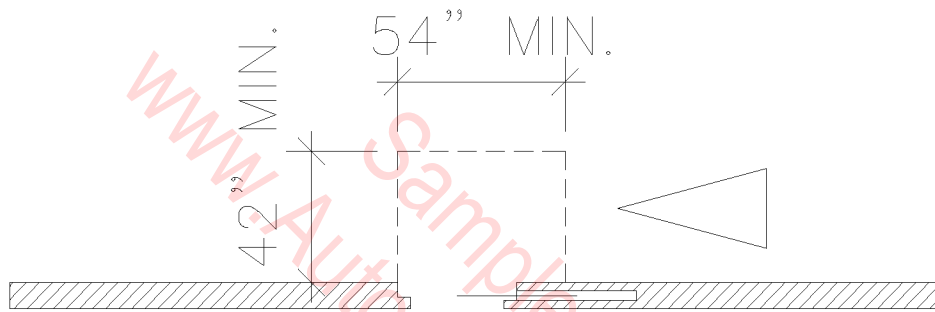
(C) LATCH SIDE APPROACHES -- SWINGING DOORS

# SWINGING DOOR LAYOUT

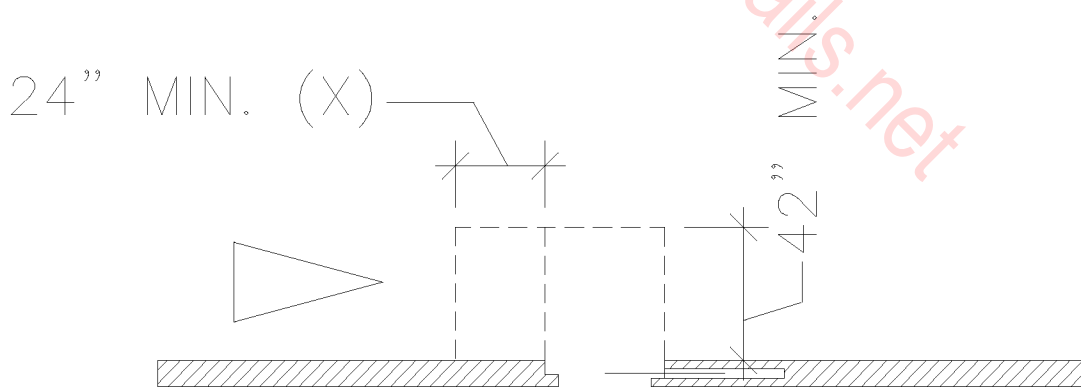
SCALE:  $1/8'' = 1'-0''$



(D) FRONT APPROACH – SLIDING DOORS AND FOLDING DOORS



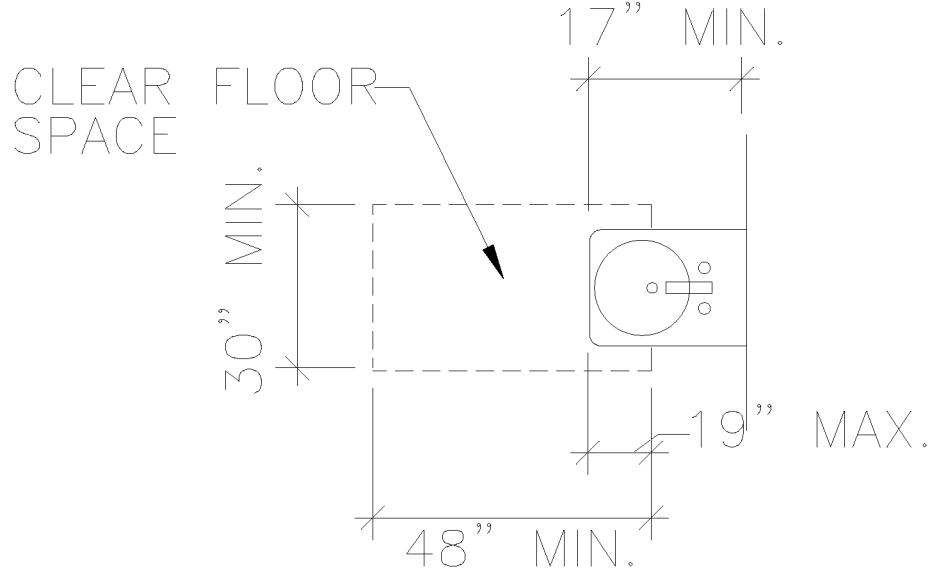
(E) SLIDE SIDE APPROACH – SLIDING DOORS AND FOLDING DOORS



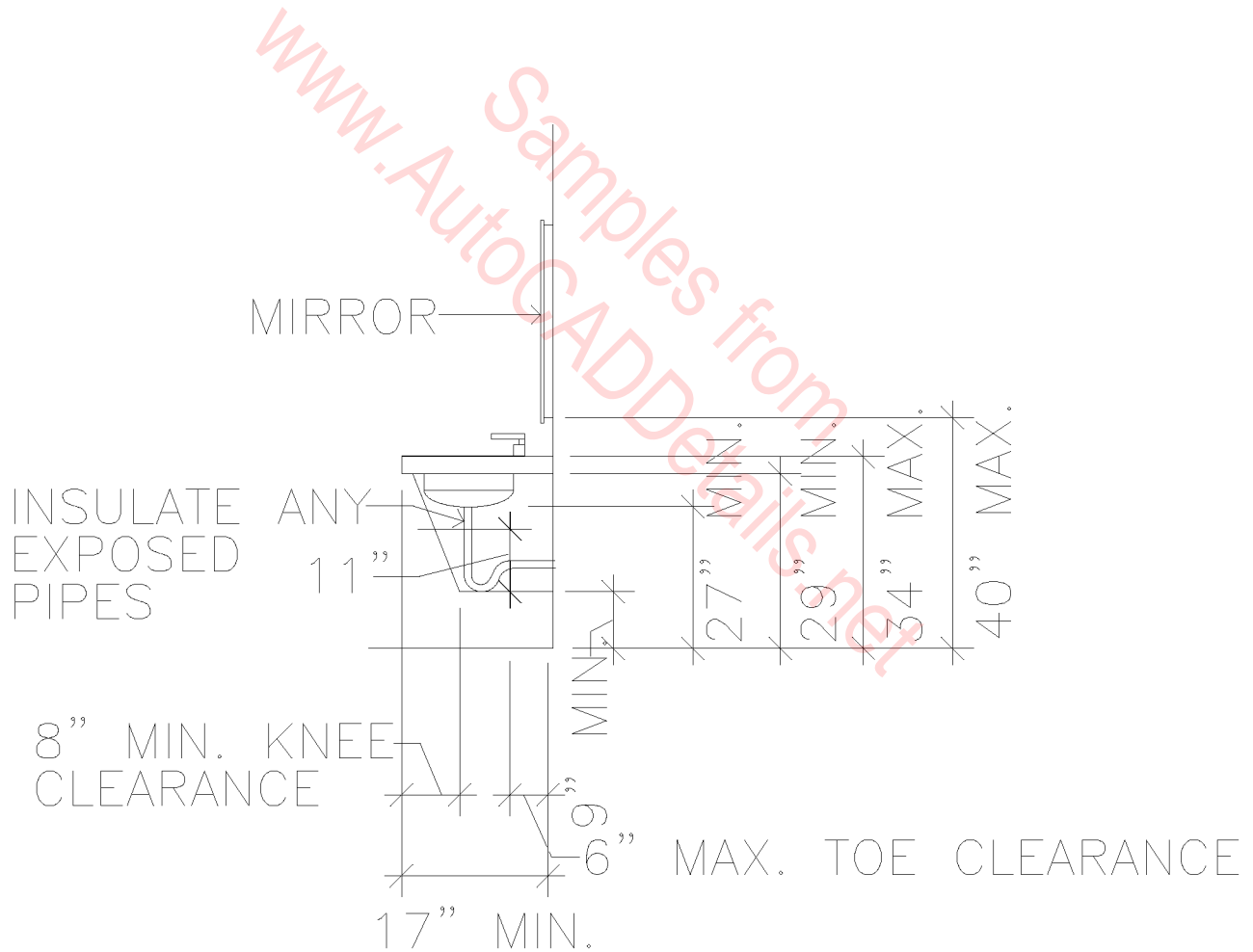
(F) LATCH SIDE APPROACH – SLIDING DOORS AND FOLDING DOORS

# SLIDING DOOR LAYOUT

SCALE: 1/8" = 1'-0"



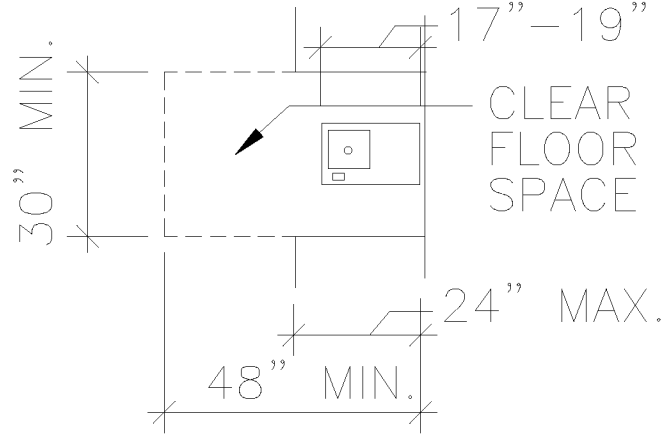
CLEAR FLOOR SPACE AT LAVATORIES



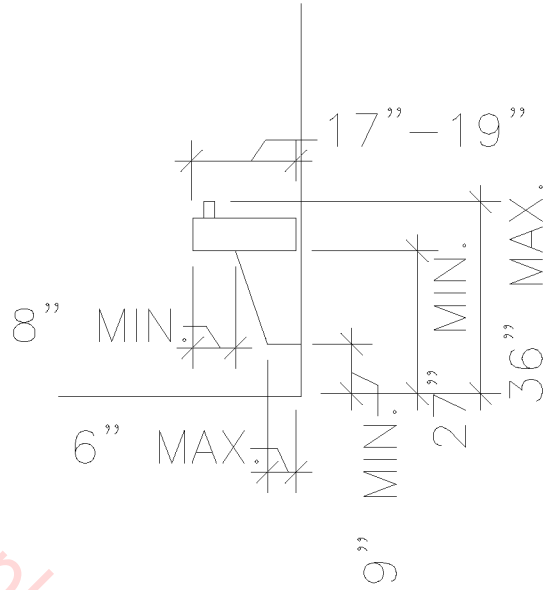
LAVATORY CLEARANCES

# LAVATORIES

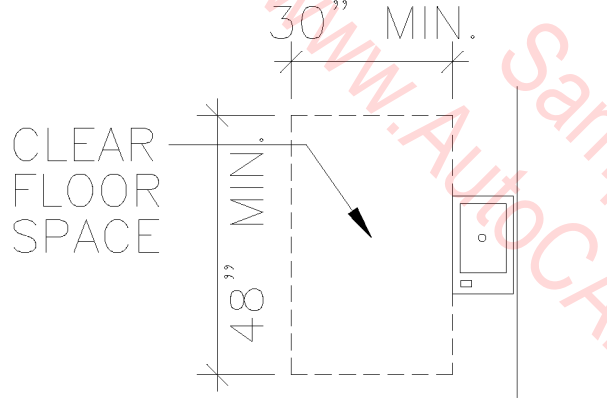
SCALE:  $1/4" = 1'-0"$



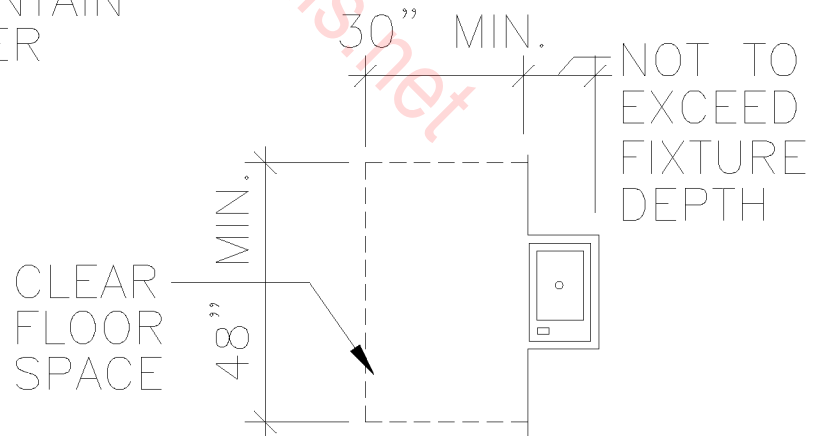
CLEAR FLOOR SPACE AT DRINKING FOUNTAIN



SPOUT HEIGHT AND KNEE CLEARANCE AT DRINKING FOUNTAIN



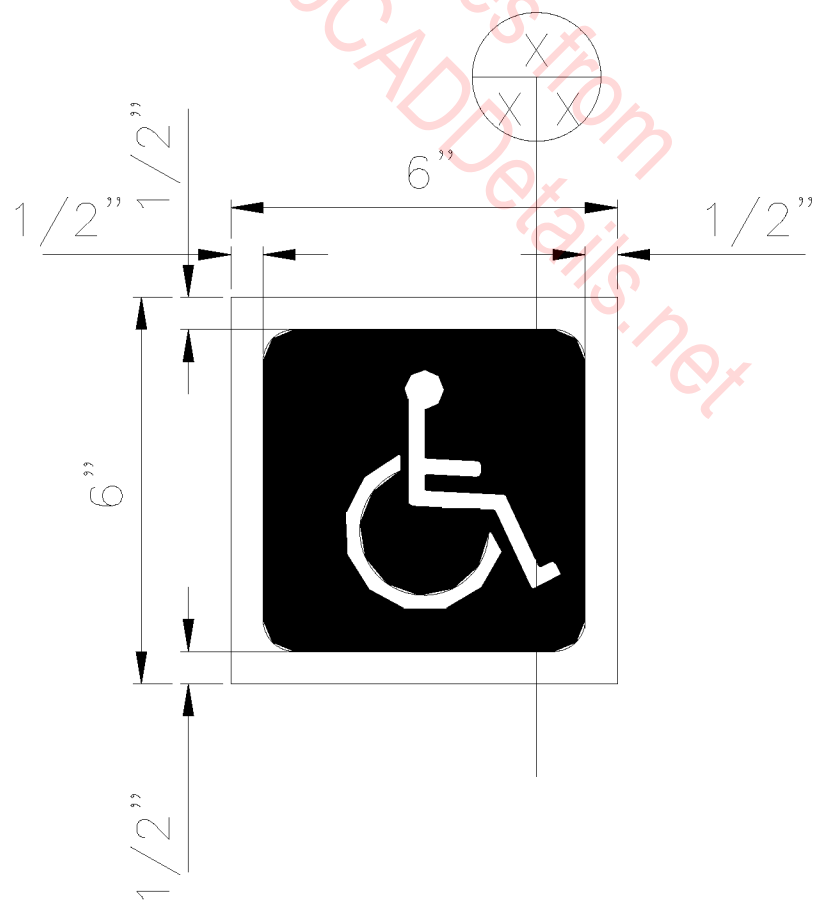
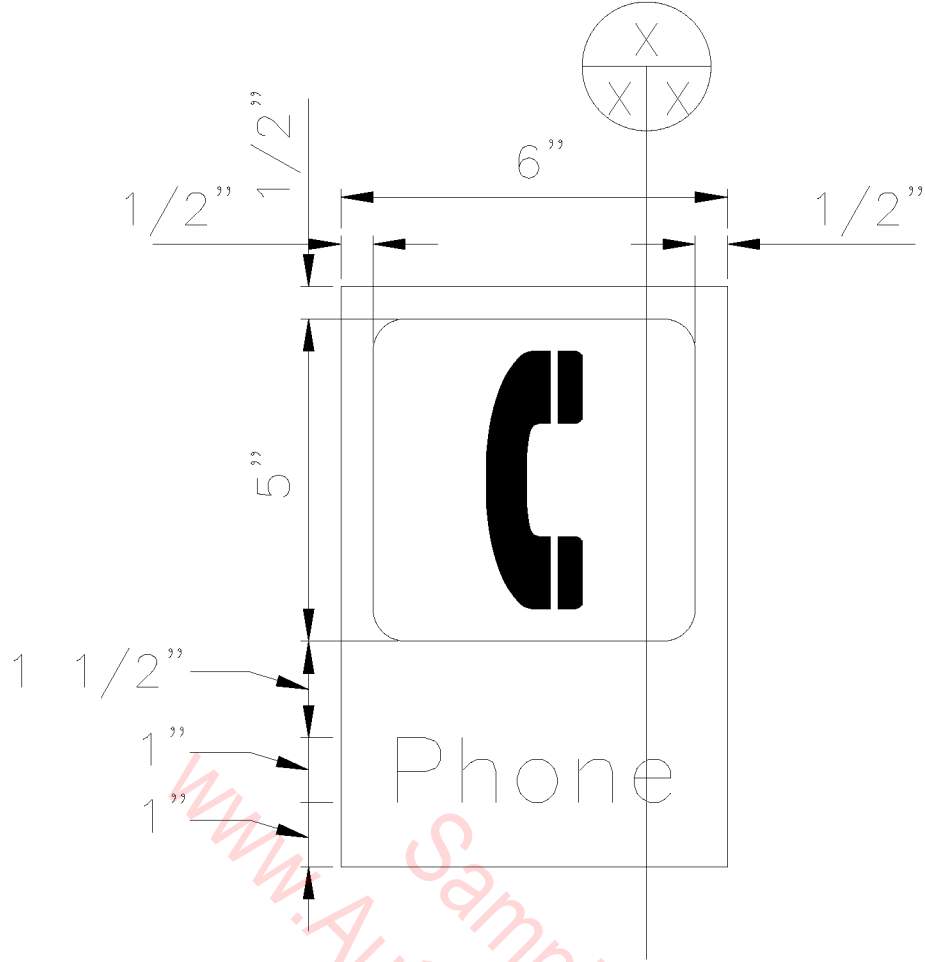
FREE-STANDING DRINKING FOUNTAIN OR COOLER



BUILT-IN DRINKING FOUNTAIN OR COOLER

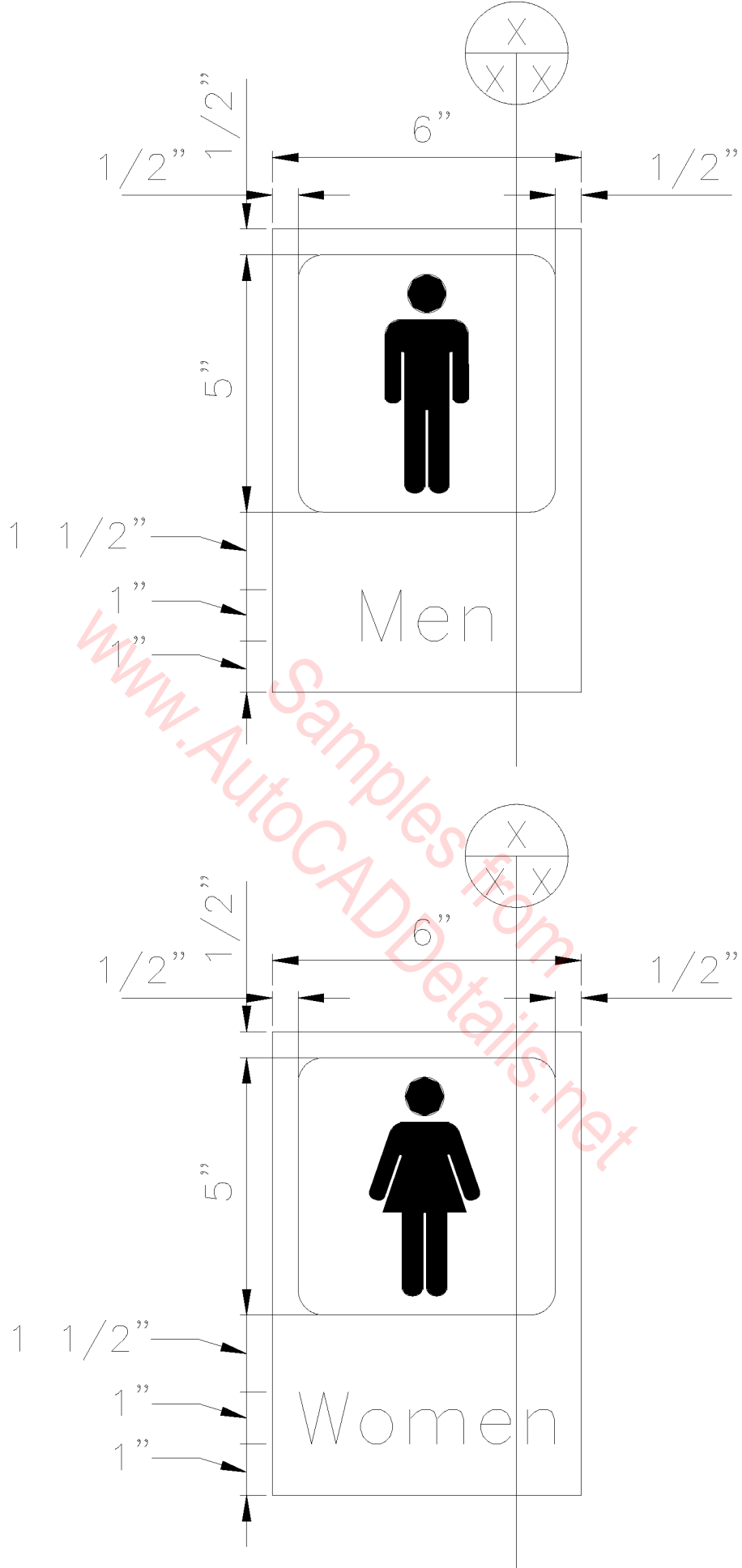
# DRINKING FOUNTAINS

SCALE: 1/4" = 1'-0"



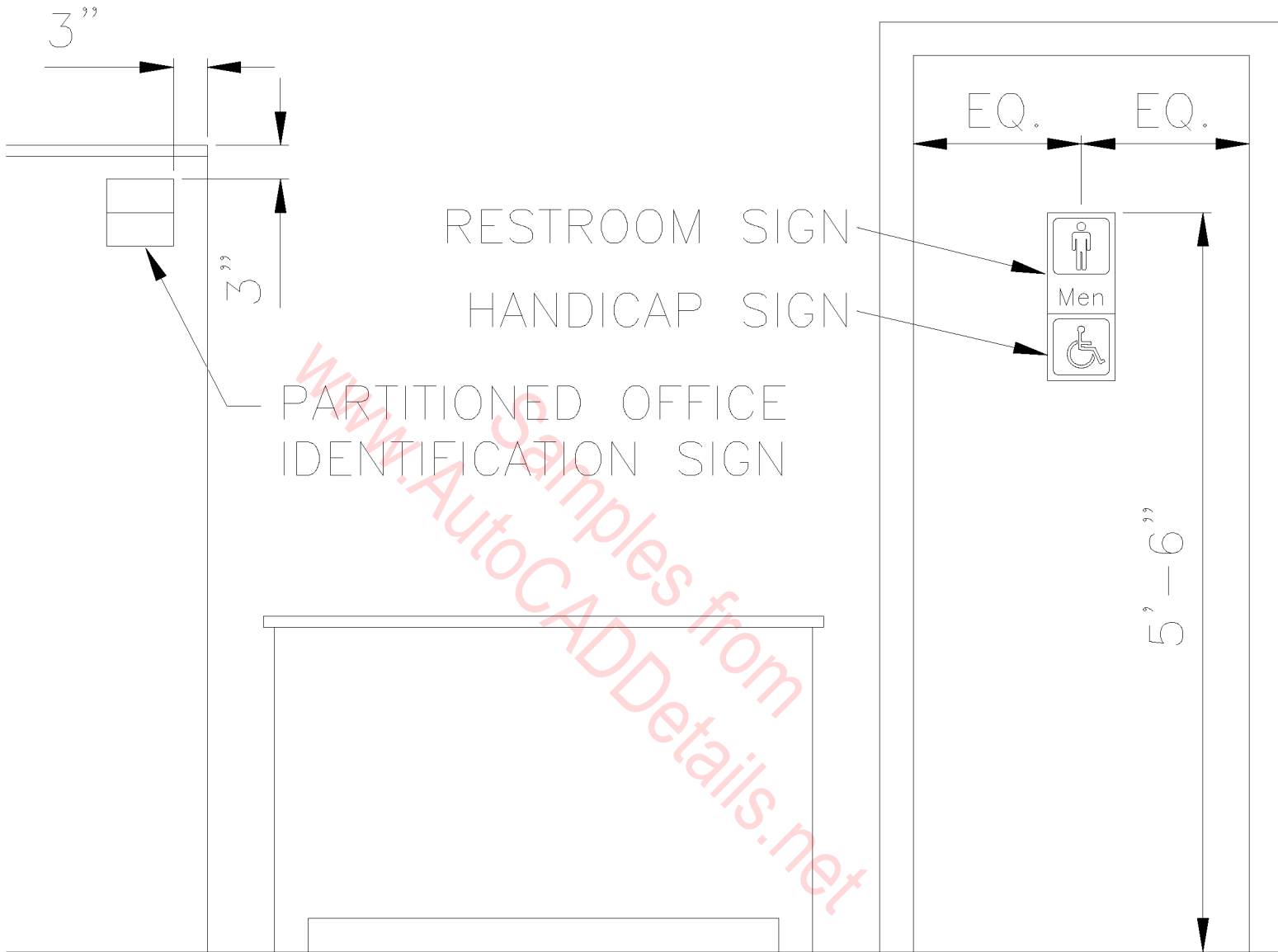
PHONE/HANDICAP SIGN

SCALE: 3" = 1'-0"



# REST ROOM SIGNS

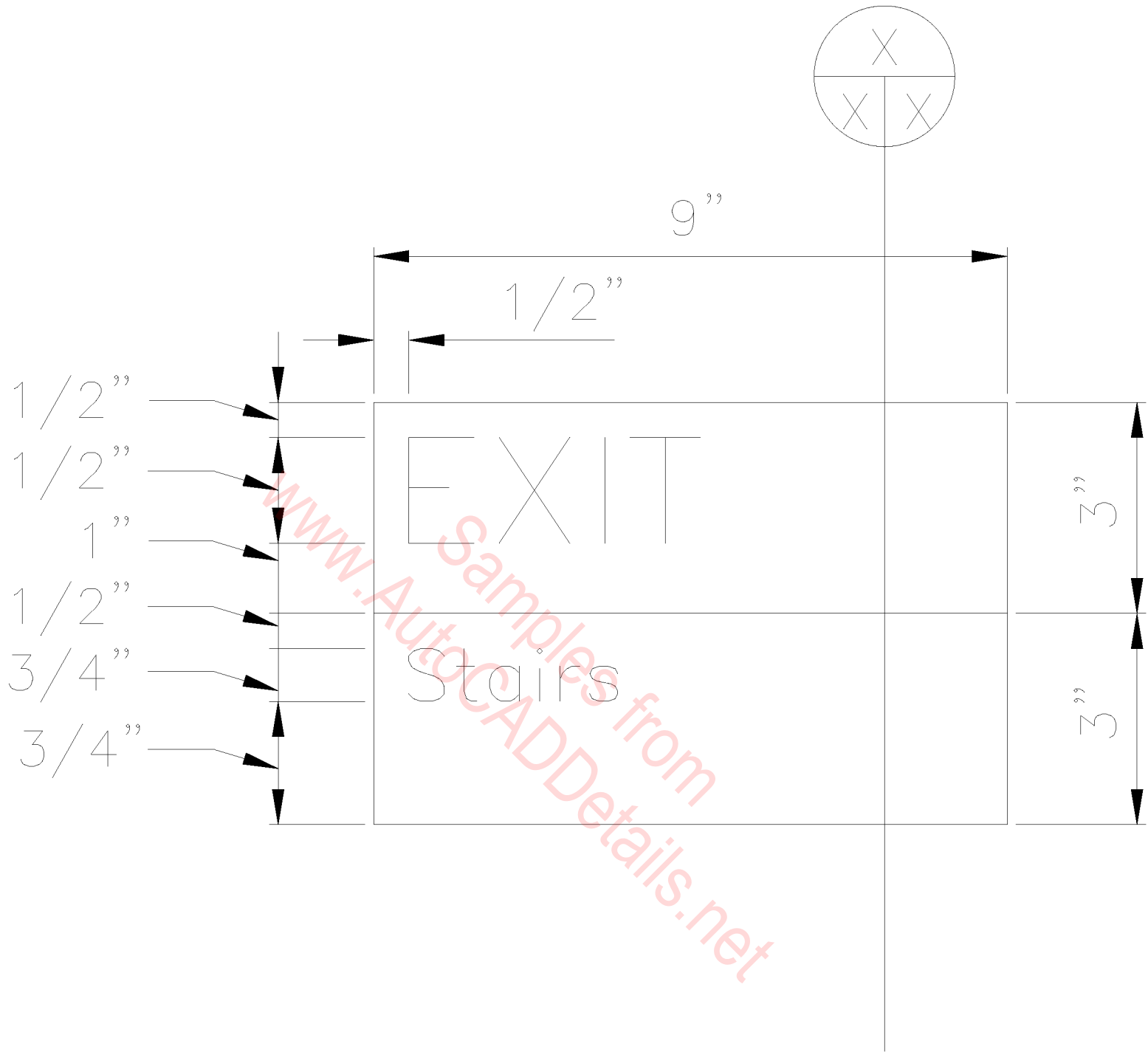
SCALE: 3" = 1'-0"



# SIGNAGE MOUNTING HEIGHTS

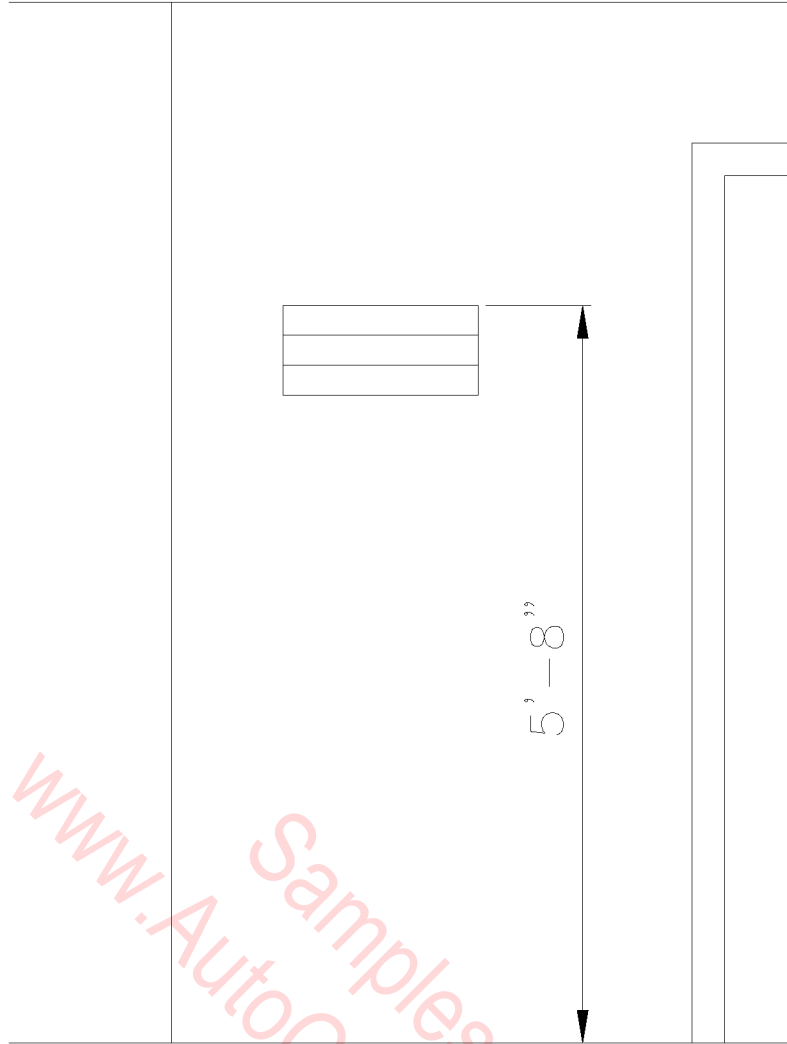
SCALE:  $1/2'' = 1'-0''$





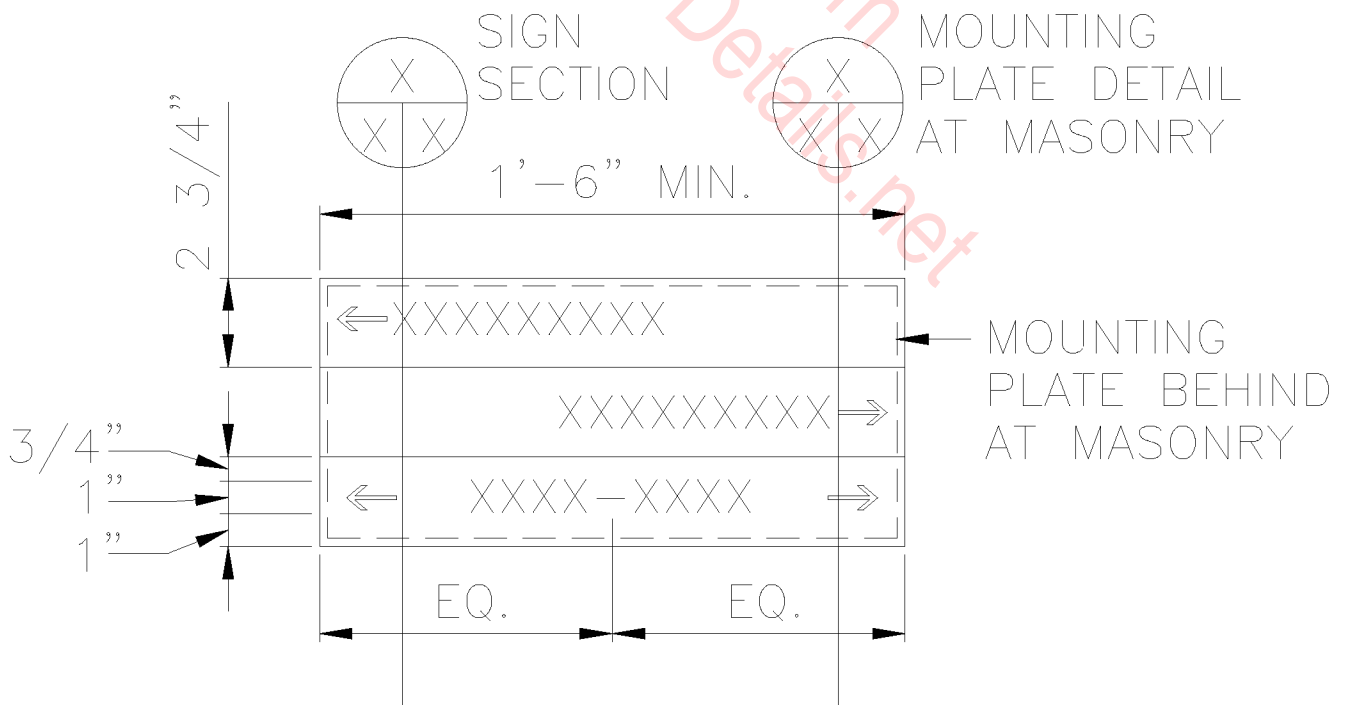
NON-ILLUMINATED  
 EXIT SIGN

SCALE: 3" = 1'-0"



ELEVATION — N.T.S.

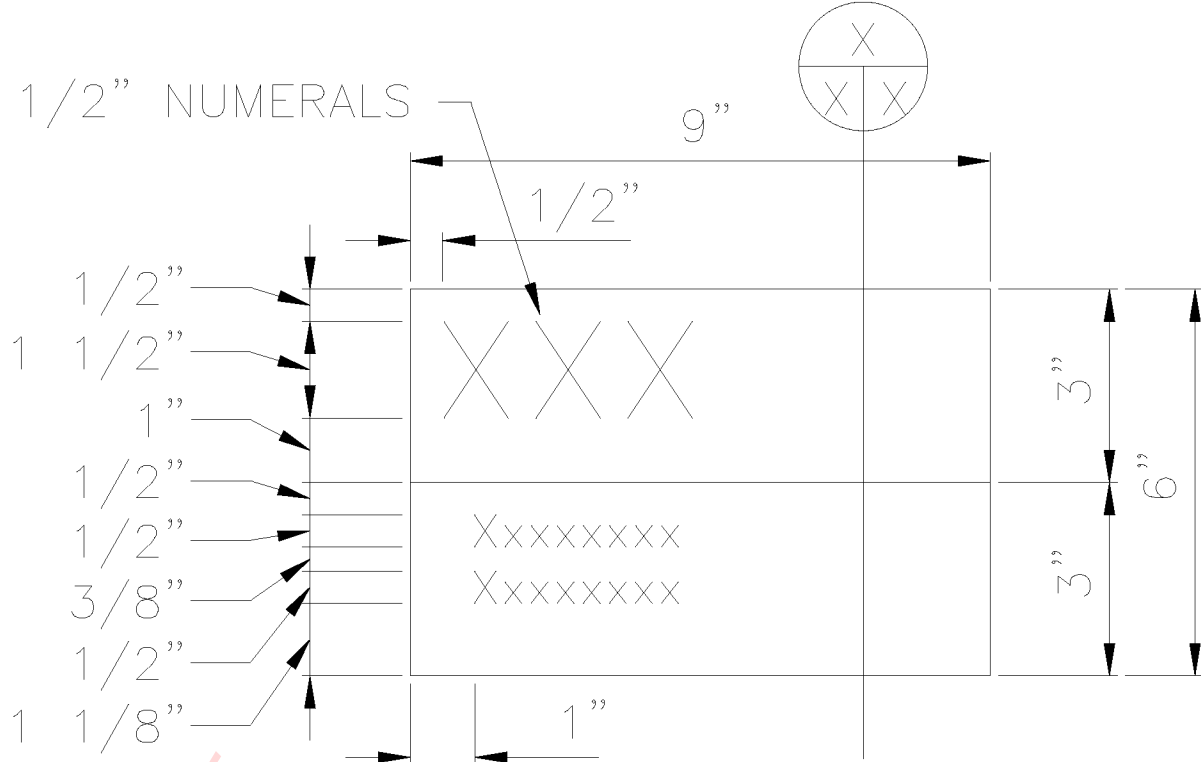
www.AutoCADDetails.net  
 Samples from



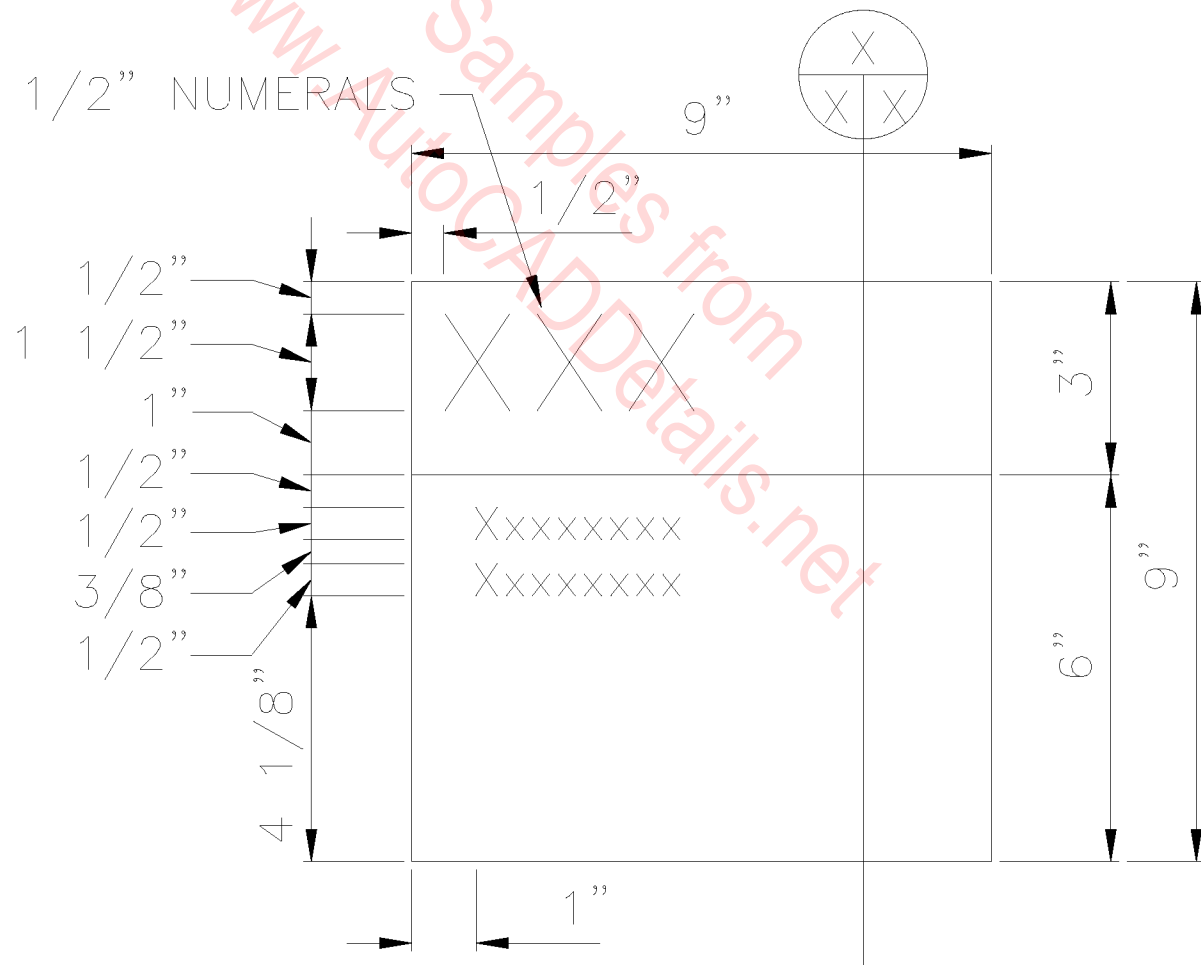
# DIRECTIONAL SIGN

SCALE: 1 1/2" = 1'-0"

1 1/2" NUMERALS

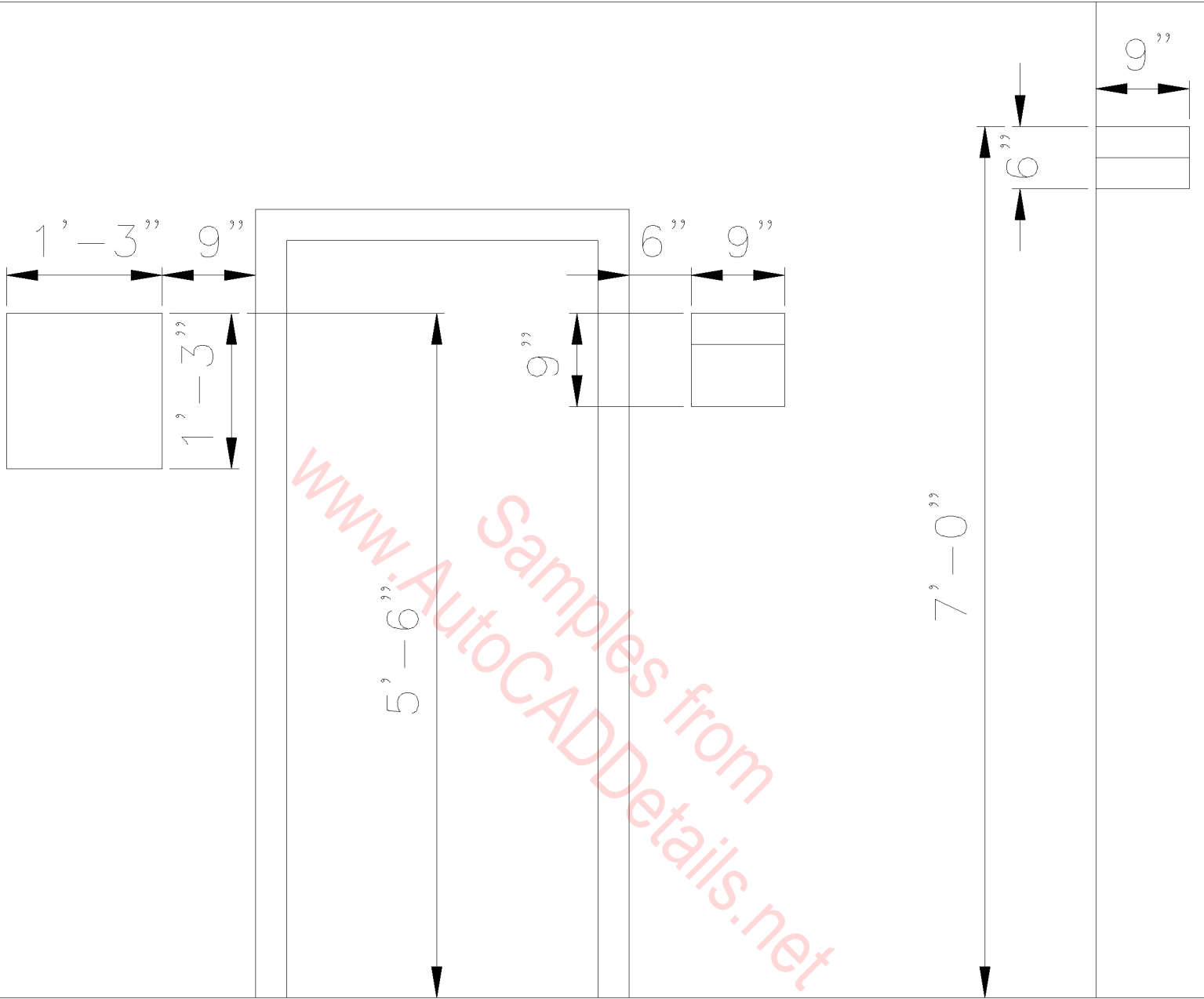


1 1/2" NUMERALS



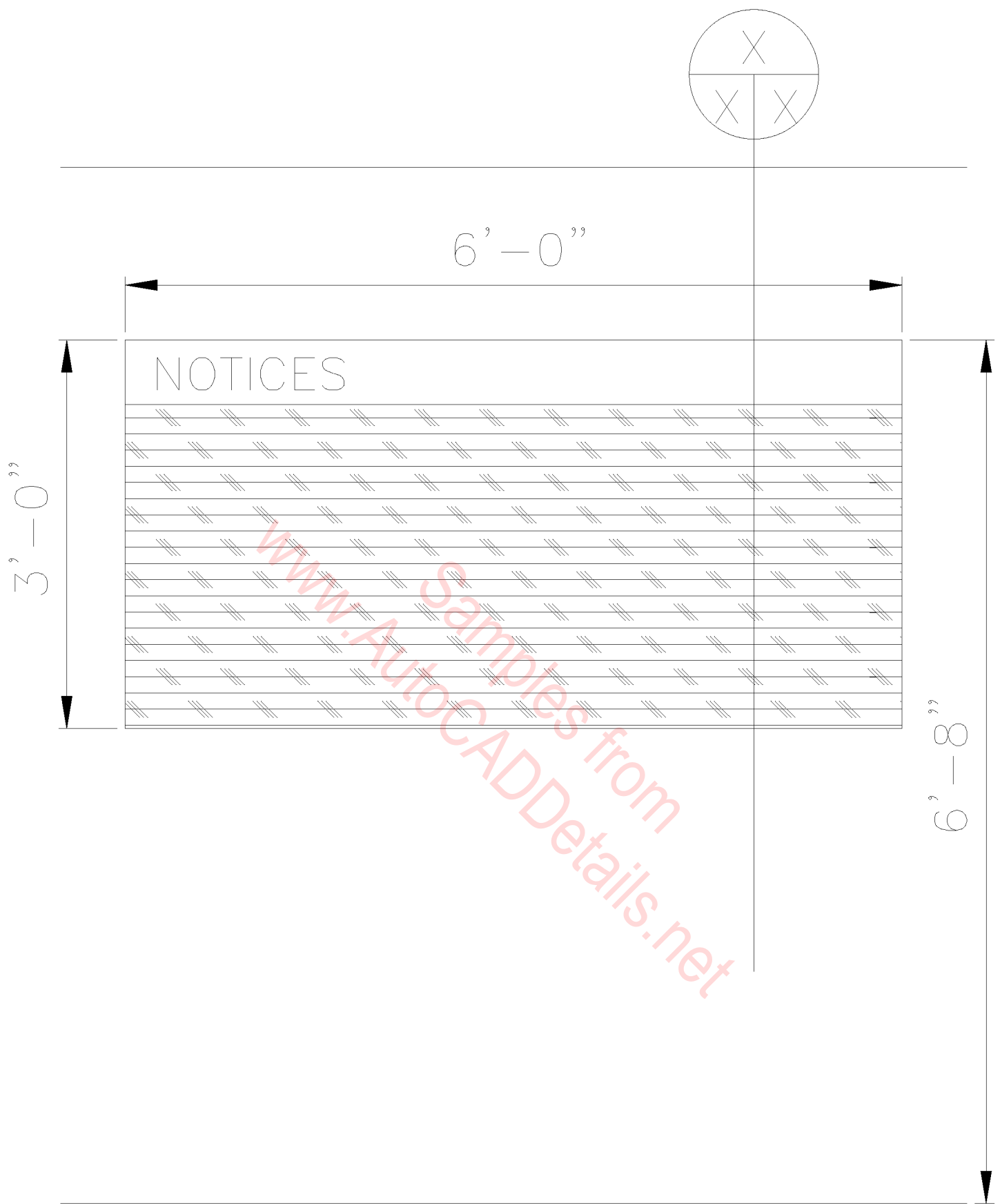
# OFFICE IDENTIFICATION SIGNS

SCALE: 3" = 1'-0"



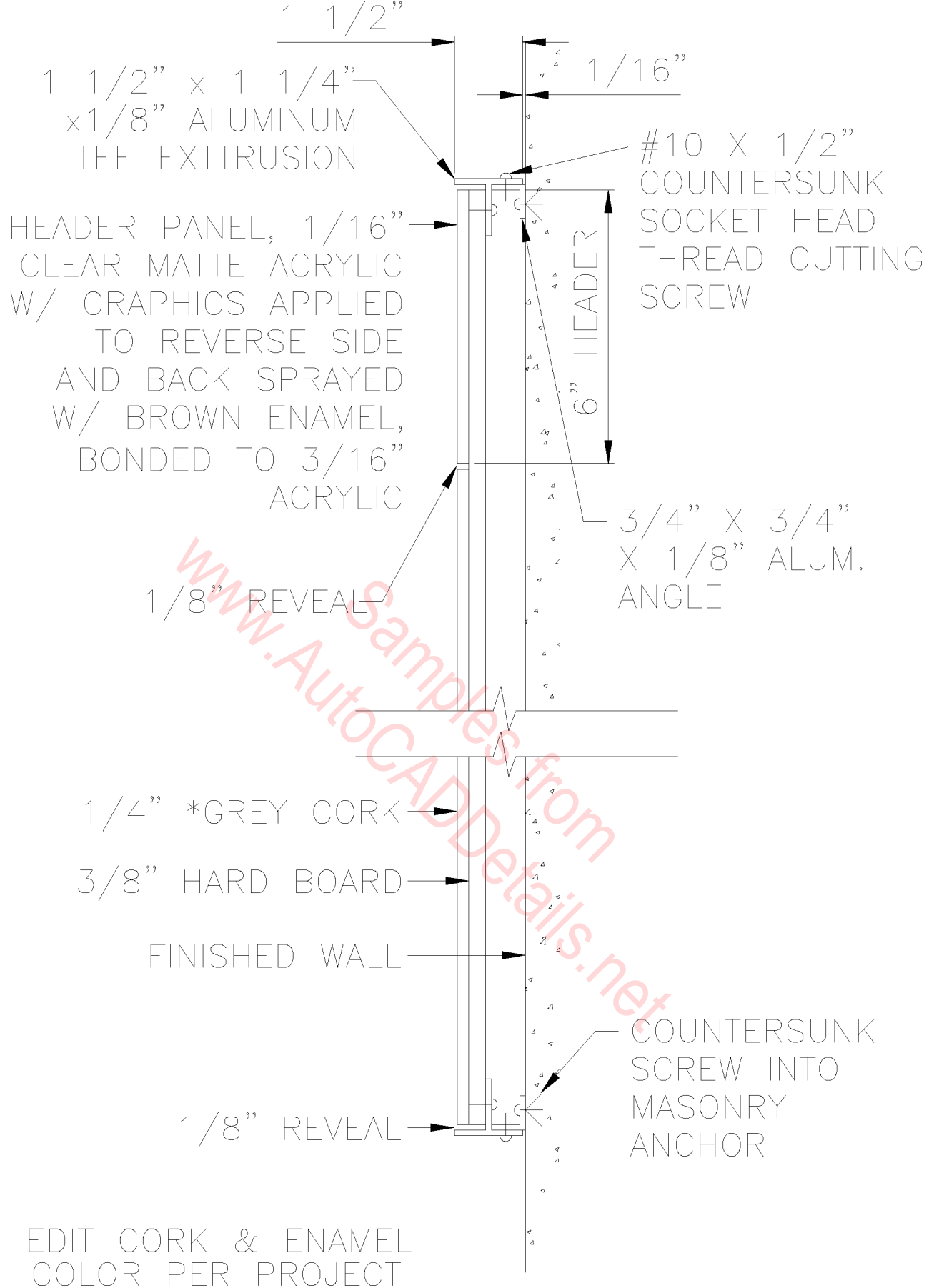
# MOUNTING HEIGHTS — IDENTIFICATION SIGNS

SCALE: 1/2" = 1'-0"



BULLETIN/TACK BOARD

SCALE:  $1/2'' = 1'-0''$



SECTION THRU  
BULLETIN BOARD

SCALE: 3" = 1'-0"

DOUBLE EMULSION FOAM TAPE  
\*(WHERE ALLOWED)

1/16" CLEAR MATTE ACRYLIC

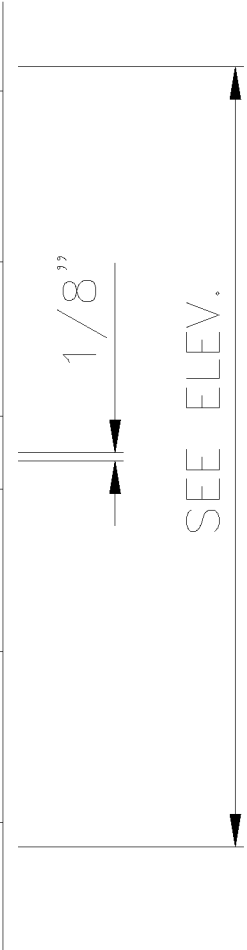
1/8" COLORED MATTE ACRYLIC

GRAPHICS APPLIED TO REVERSE  
SIDE AND BACK SPRAYED,  
BONDED TO 1/8" WHITE  
ACRYLIC

DOUBLE EMULSION FOAM TAPE  
\*(WHERE ALLOWED)

GRAPHICS APPLIED DIRECTLY  
TO FRONT SIDE OF ACRYLIC

1/4" COLORED MATTE ACRYLIC



\*WHERE TAPE IS NOT ALLOWED  
SHOW MECHANICAL FASTENERS

# SIGN SECTIONS

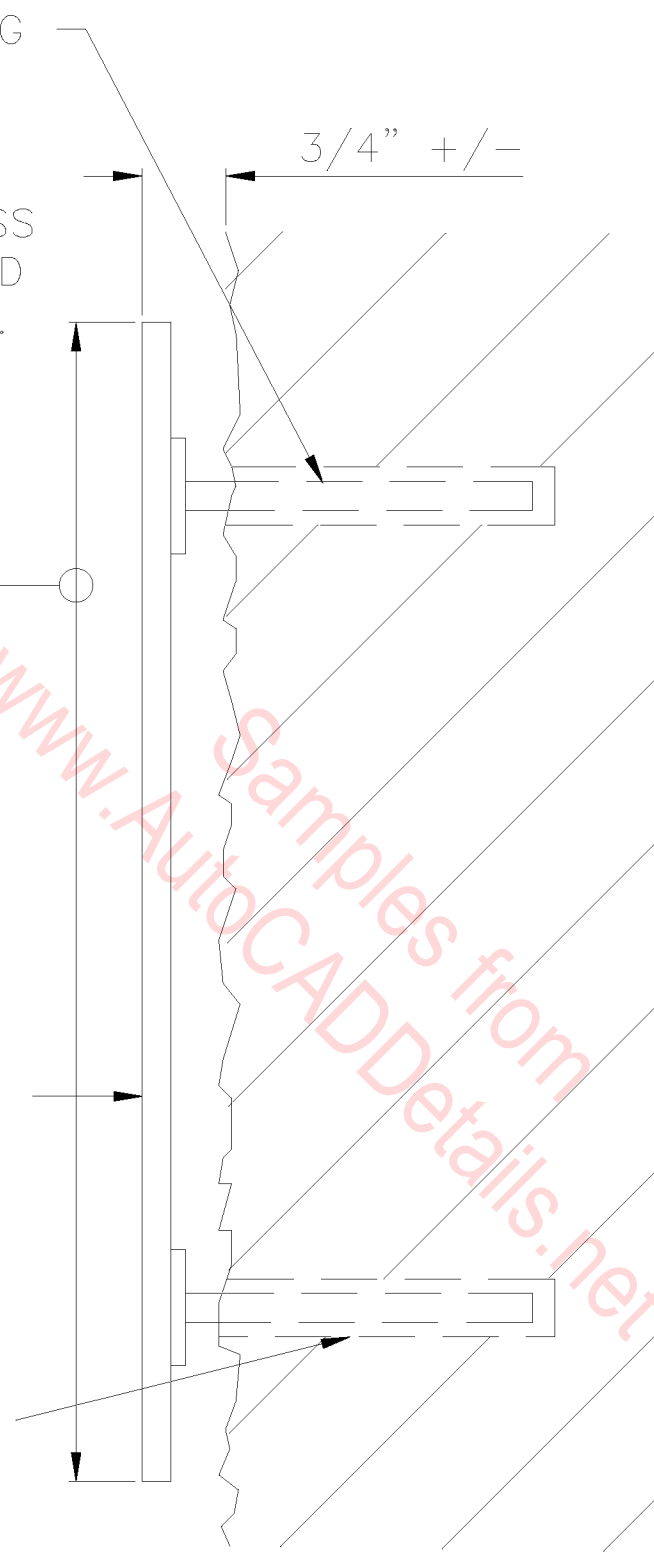
SCALE: 3" = 1'-0"

1/4" DIA. x 3" LONG  
STAINLESS STEEL  
THREADED ANCHOR  
PINS ATTACHED TO  
1"x1"x1/8" STAINLESS  
STEEL PLATE BONDED  
TO MOUNTING PLATE.  
MIN. 4 PINS PER  
MOUNTING PLATE.

THIS DIMENSION  
SHALL BE 1/2"  
LESS THAN HEIGHT  
OF SIGN TO BE  
ATTACHED x 1/2"  
LESS THAN SIGN  
LENGTH.

MOUNTING PLATE —  
1/4" ACRYLIC TO  
MATCH SIGNAGE  
COLOR.

1/2" DIA. DRILLED  
HOLE IN MASONRY—  
SECURED PINS IN  
EPOXY.



www.AutoCADDetails.net  
Samples from

# EXTERIOR BUILDING MOUNTED SIGN — MOUNTING PLATE

SCALE: 6" = 1' - 0"



# SIGNAGE SCHEDULE

SIGN/ SYMB.	TYPE	SIGN SIZE	TEXT/ DESCRIPTION	MOUNTING HT/AFF W/D		NOTES
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

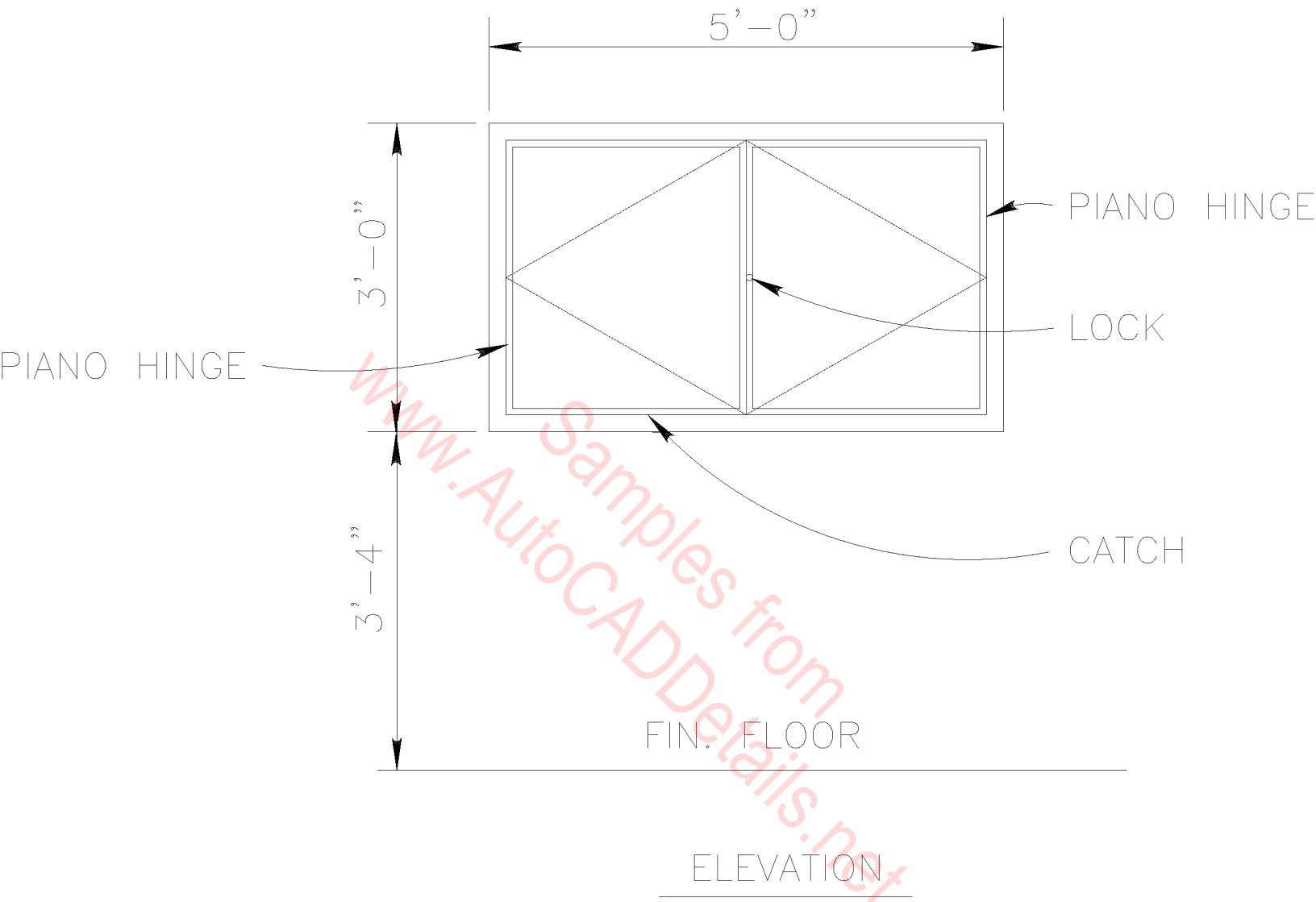
www.AutocADDetails.net Samples from

## REMARKS:

- A. MOUNTING-HT/AFF: INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR
- B. MOUNTING-W/D: INDICATES MOUNTING LOCATION (W = WALL; D = DOOR)

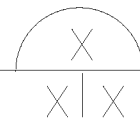
# SIGNAGE SCHEDULE

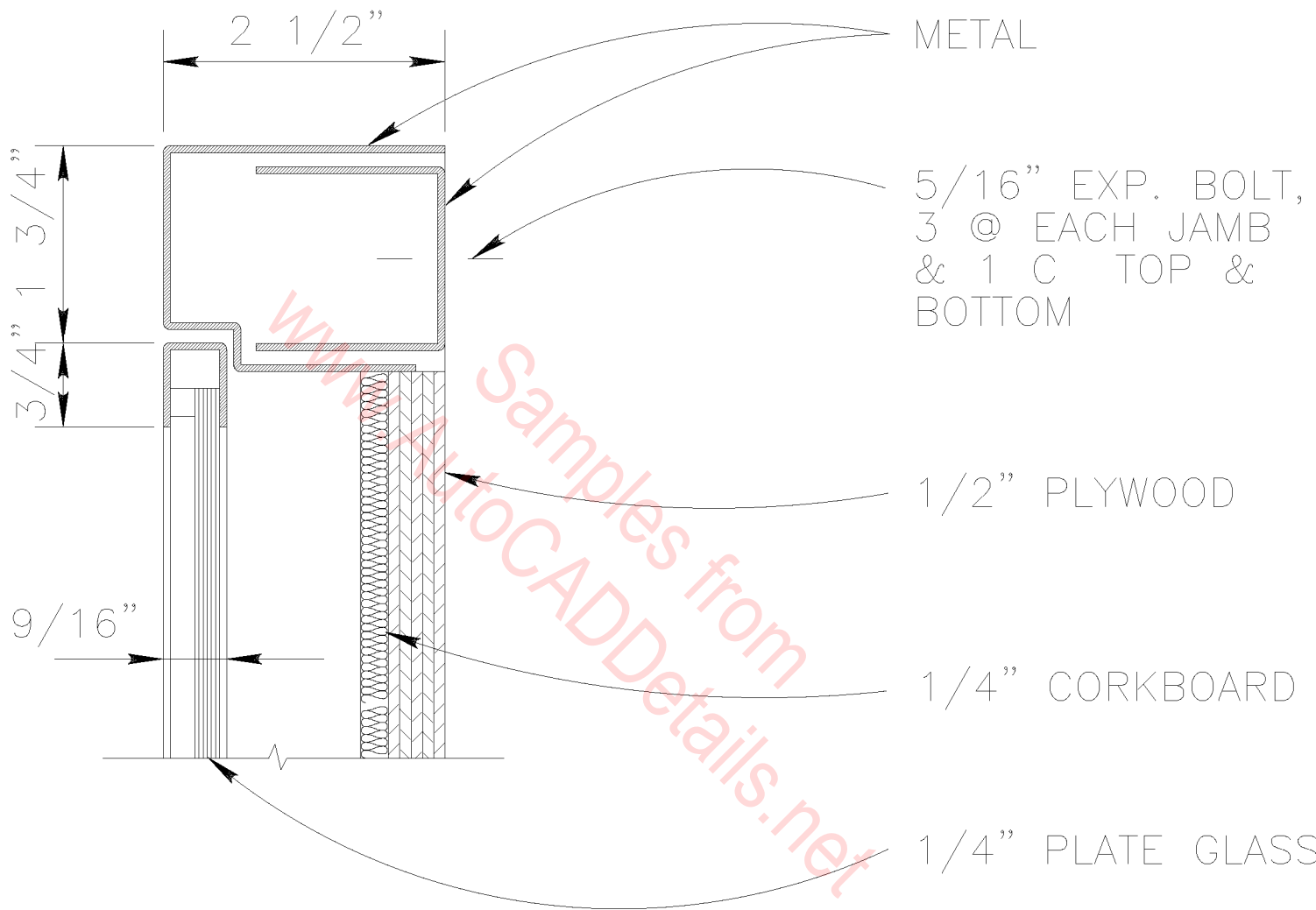
SCALE: N.T.S.



BULLETIN BOARD DETAIL

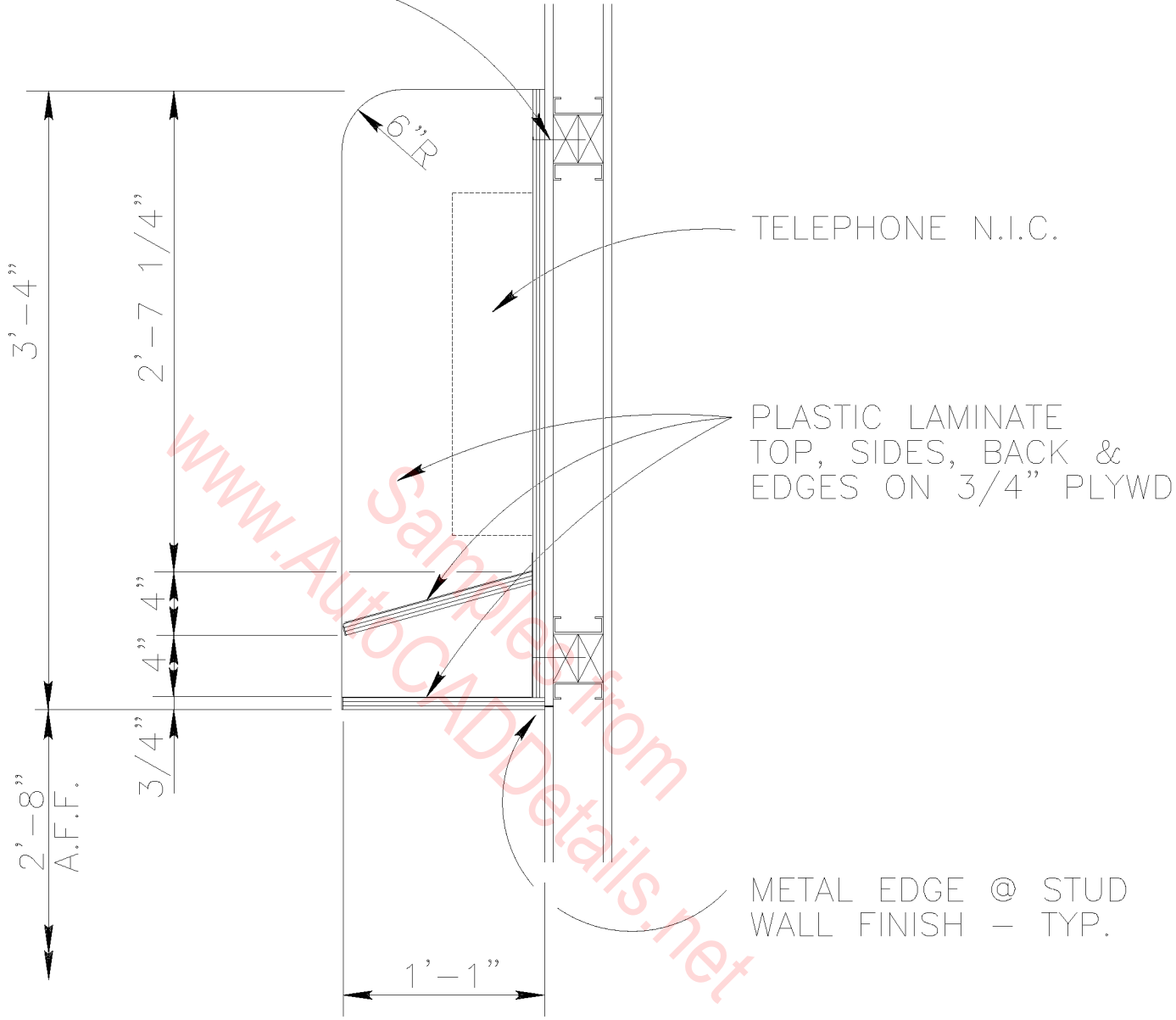
SCALE : 1/2" = 1'-0"





BULLETIN BOARD SECTION X  
X|X  
 SCALE : 6" = 1'-0"

2" WD. SCREWS @  
 2 X 4 WD. BLOCKING  
 CONT. BETWEEN 3 5/8"  
 MTL. STUDS @ 16" O.C.



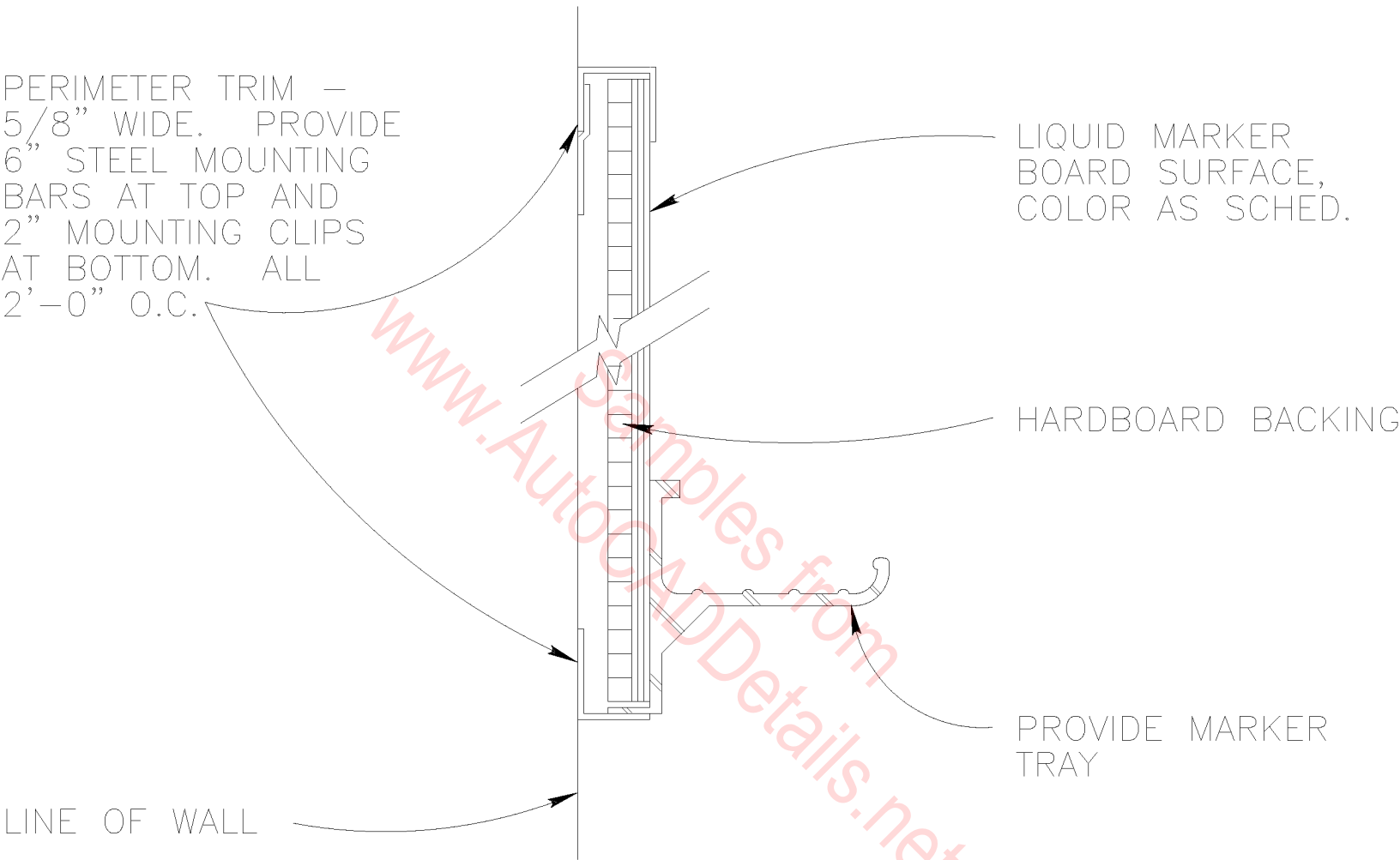
TELEPHONE N.I.C.

PLASTIC LAMINATE  
 TOP, SIDES, BACK &  
 EDGES ON 3/4" PLYWD.

METAL EDGE @ STUD  
 WALL FINISH - TYP.

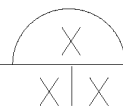
NOTE:  
 CONTRACTOR MAY CHOOSE TO  
 PURCHASE A PRE-ASSEMBLED  
 UNIT FROM AREA PHONE COM-  
 PANY, SIMILAR TO THAT REP-  
 RESENTED HERE.

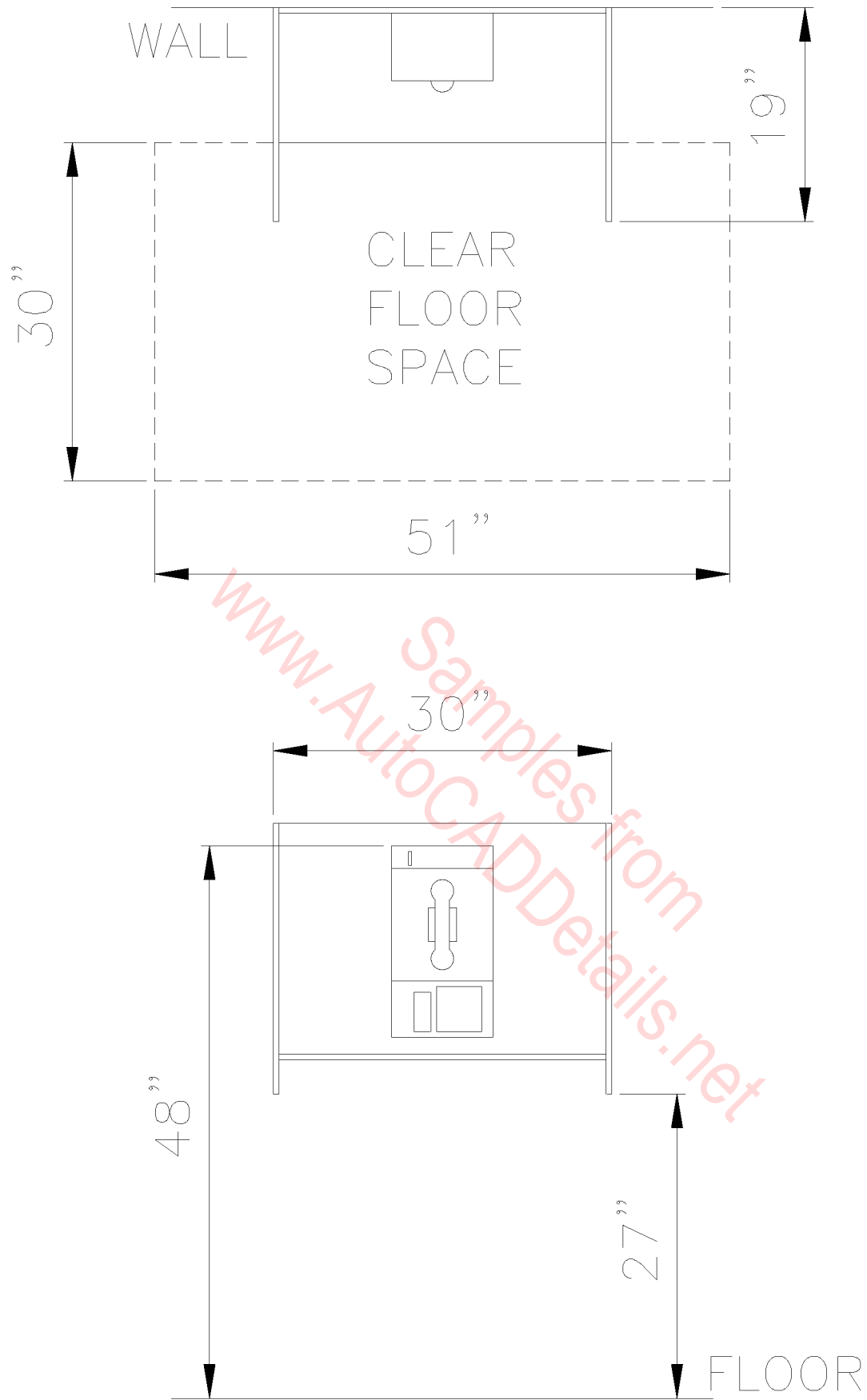
TELEPHONE CAB. DETAIL  $\frac{x}{x|x}$   
 SCALE : 1" = 1'-0"



MARKER BOARD DETAIL

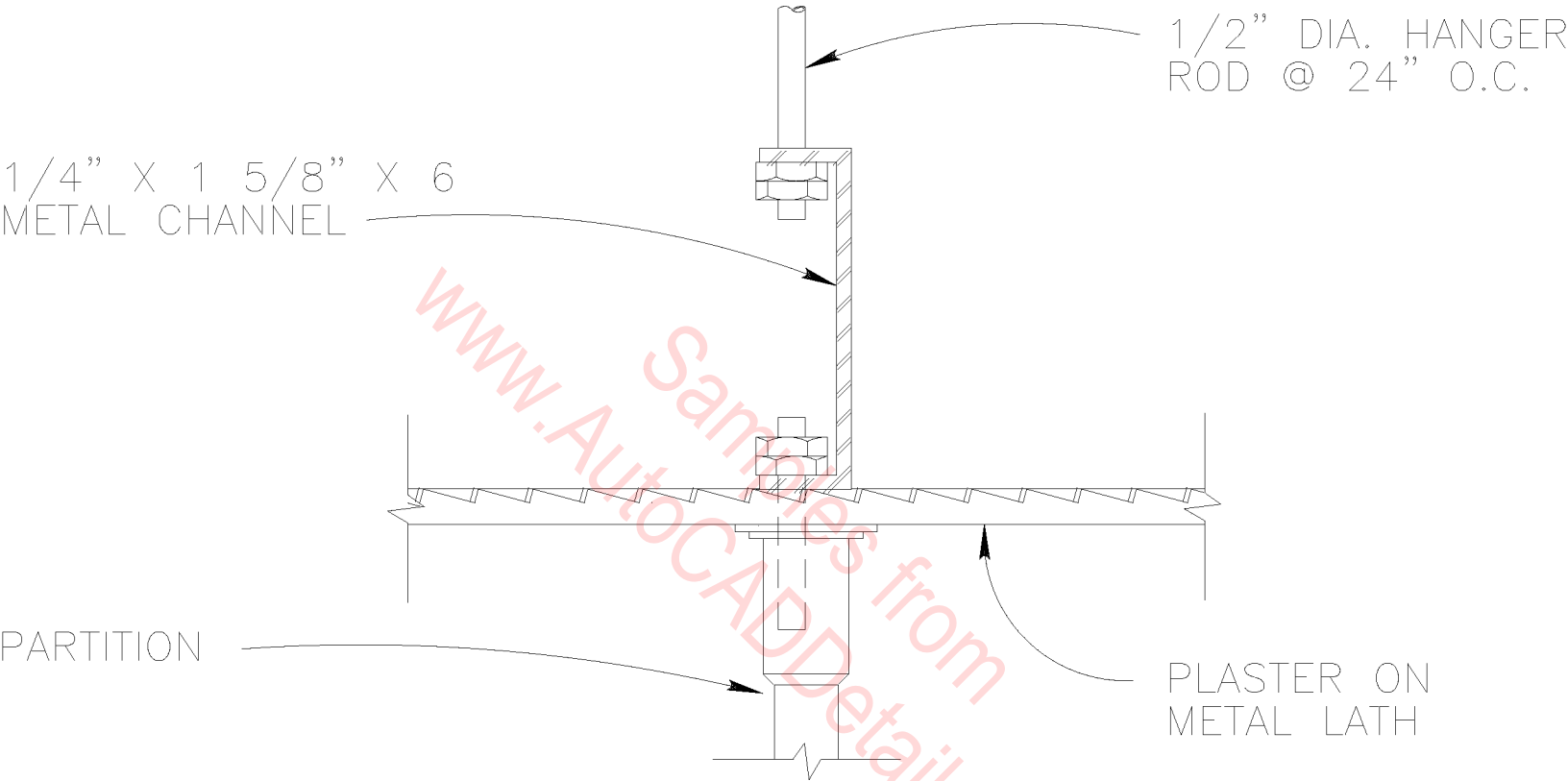
SCALE : 3"=1'-0"





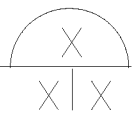
# TELEPHONE STATION

SCALE:  $1/2'' = 1'-0''$



TOILET PARTITION  
HANGER DETAIL

SCALE : 3" = 1'-0"



3/4" FURRING CHANNELS  
@ 16" O.C.

3/4" PLASTER ON  
METAL LATH

4" METAL STUDS  
@ 16" O.C.

3/4" PLASTER ON  
METAL LATH

4" METAL STUDS  
@ 16" O.C.

DOUBLE STUDS

CERAMIC TILE

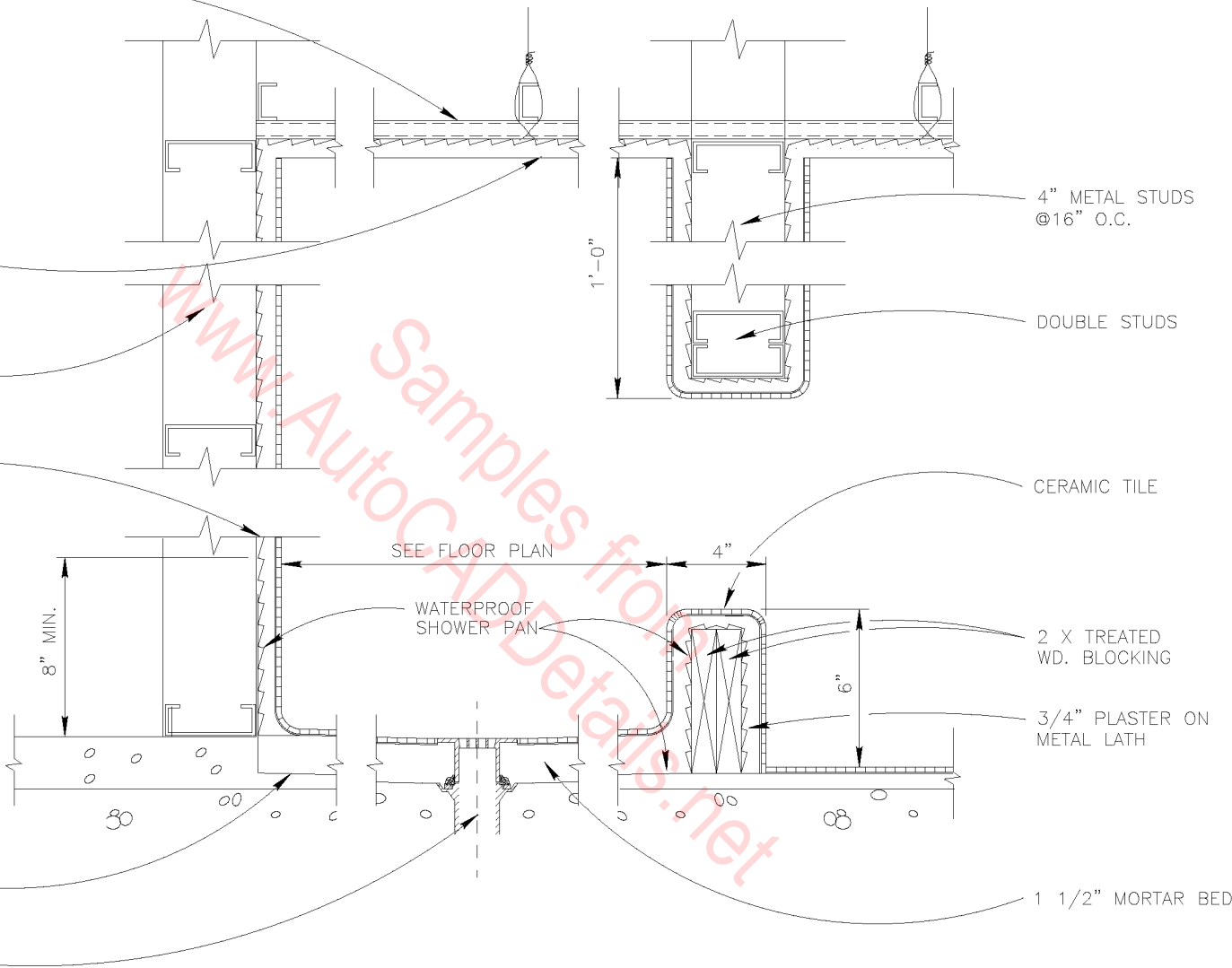
2 X TREATED  
WD. BLOCKING

3/4" PLASTER ON  
METAL LATH

1 1/2" MORTAR BED

SLOPED FLOOR

DRAIN



### SHOWER DETAIL

SCALE : 3"=1'-0"





CERAMIC WALL  
TILE BEYOND

METAL LATH

MORTAR BED

6" CMU  
GROUTED FULL

SEALANT

MTL. SHOWER  
PAN (SEE  
MECH.)

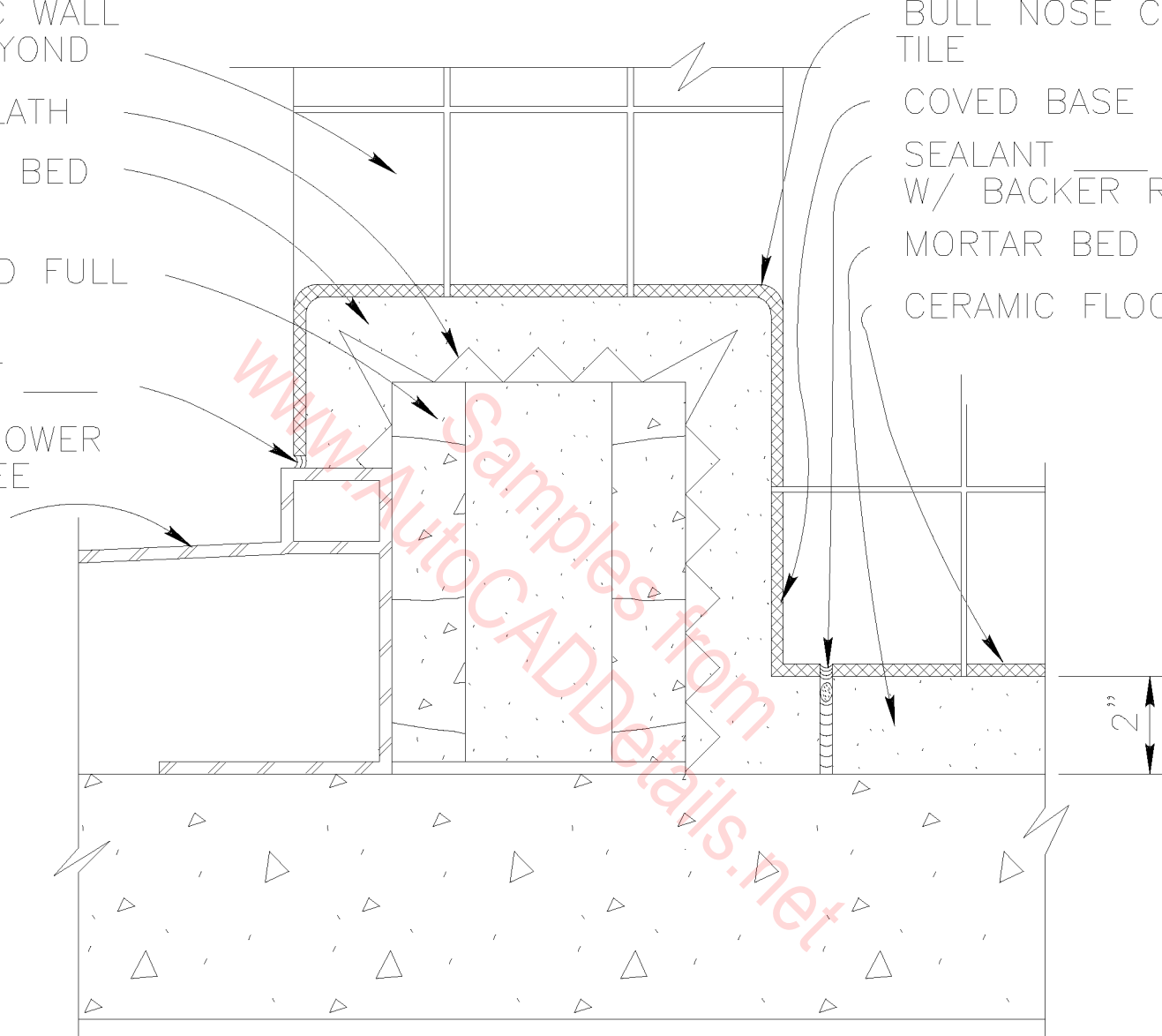
BULL NOSE CERAMIC  
TILE

COVERED BASE UNIT

SEALANT  
W/ BACKER ROD

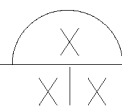
MORTAR BED

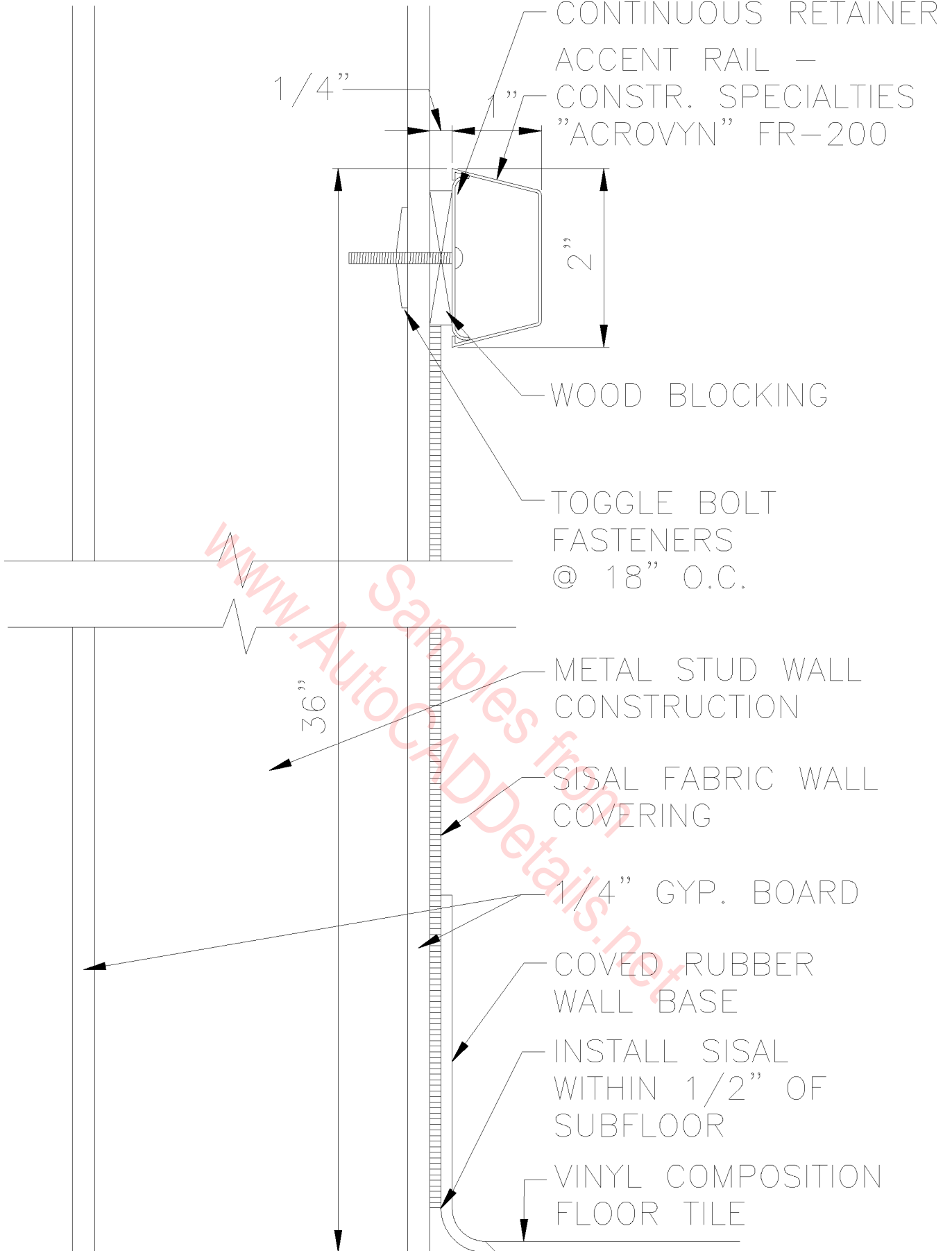
CERAMIC FLOOR TILE



WALL DETAIL

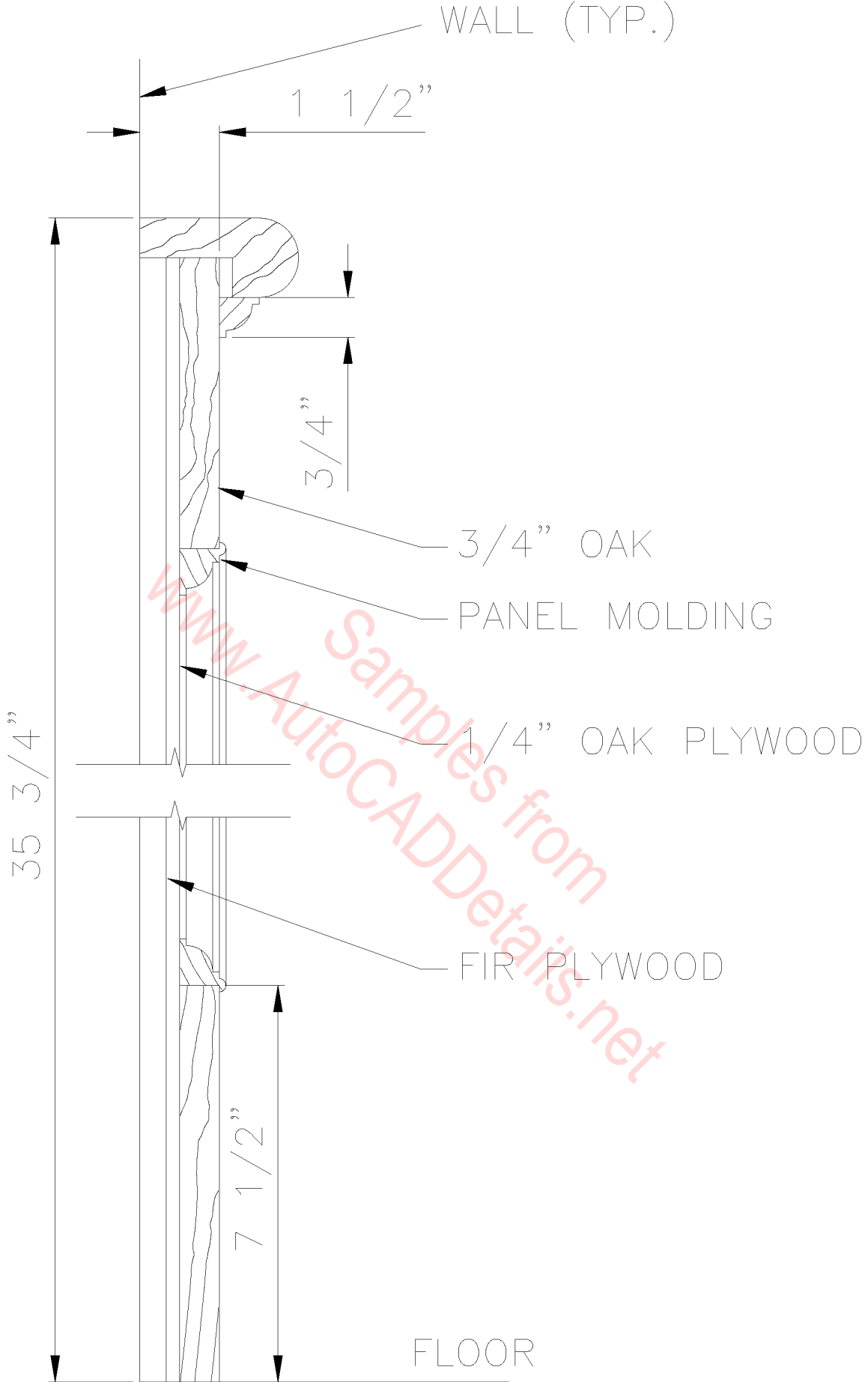
SCALE : 3"=1'-0"





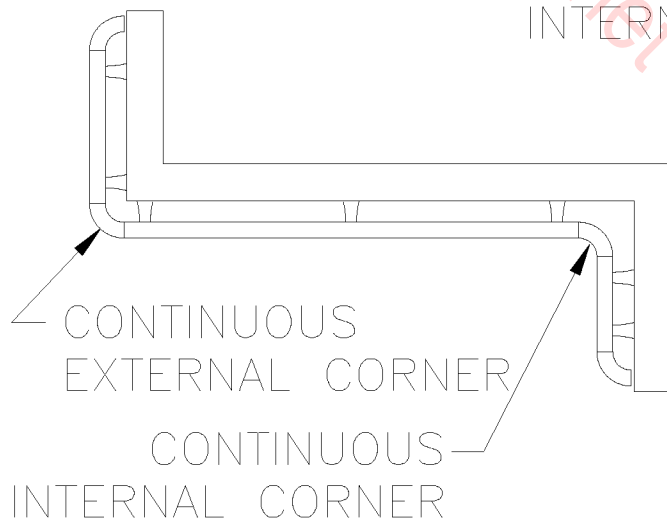
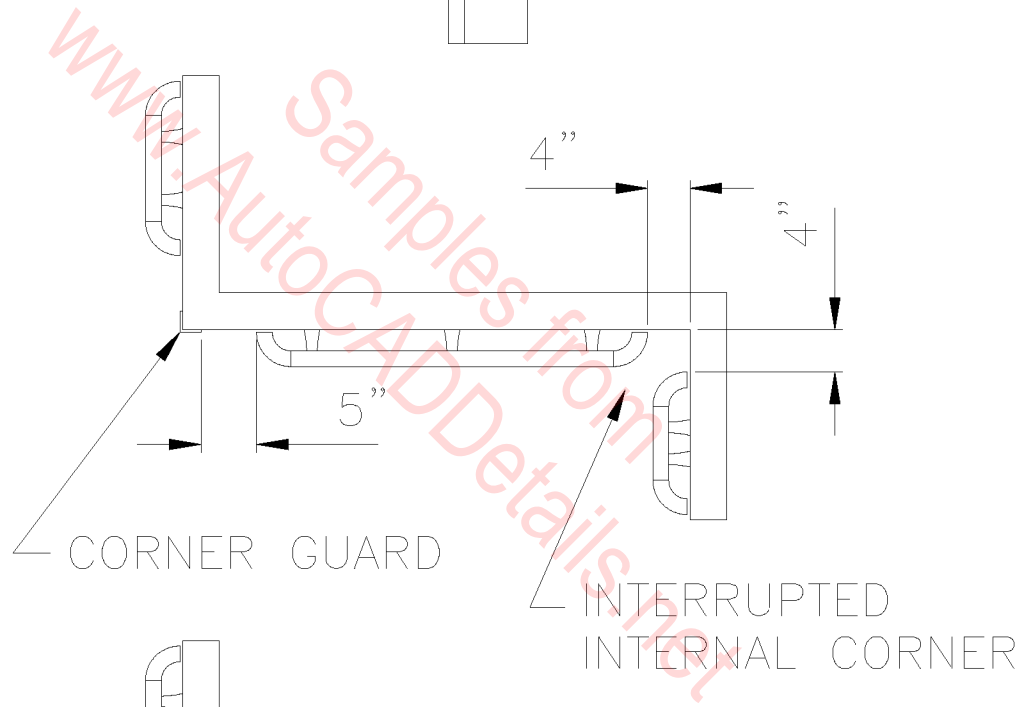
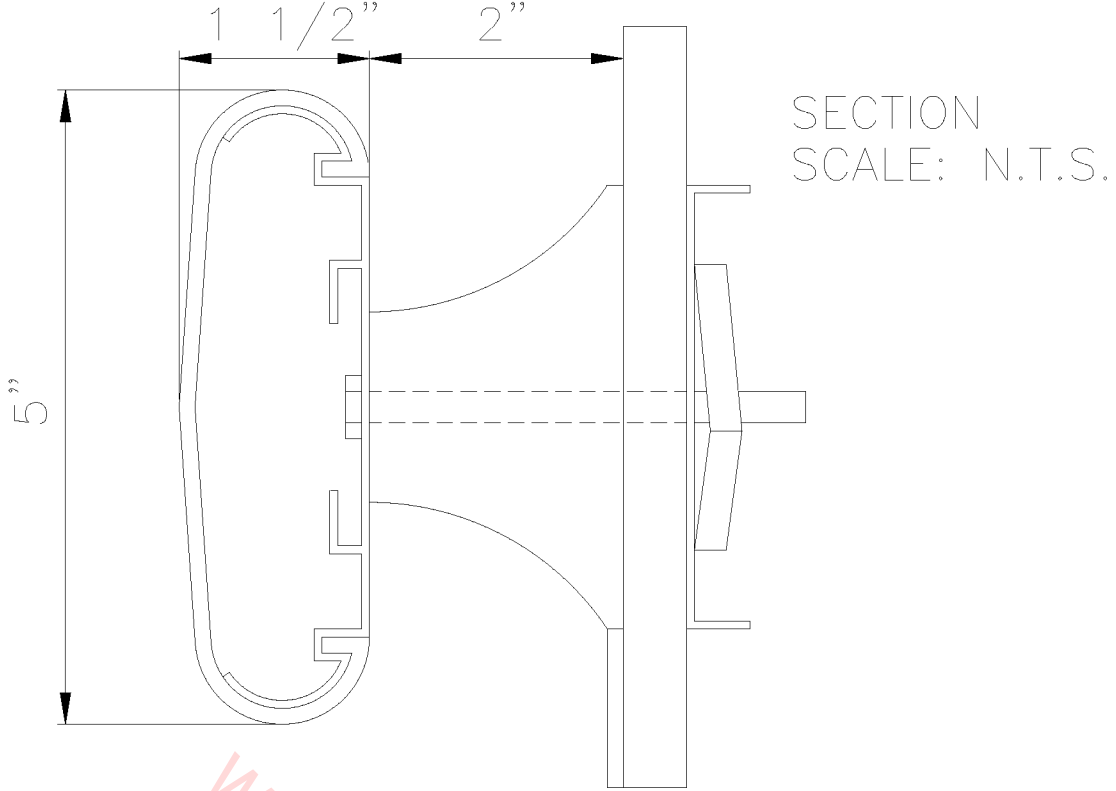
WAINSCOT w/VINYL  
 CHAIR RAIL

SCALE: 6" = 1' - 0"



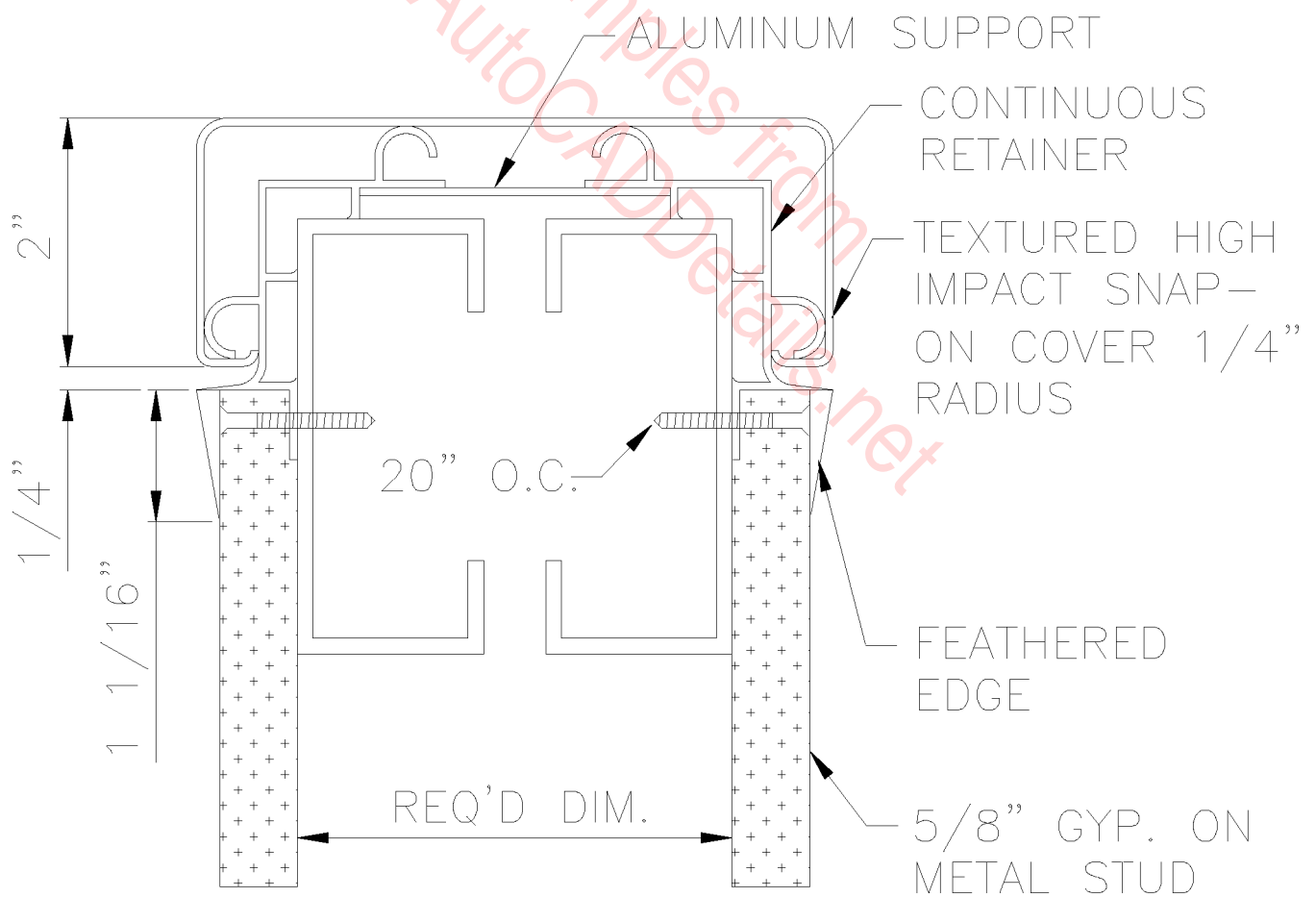
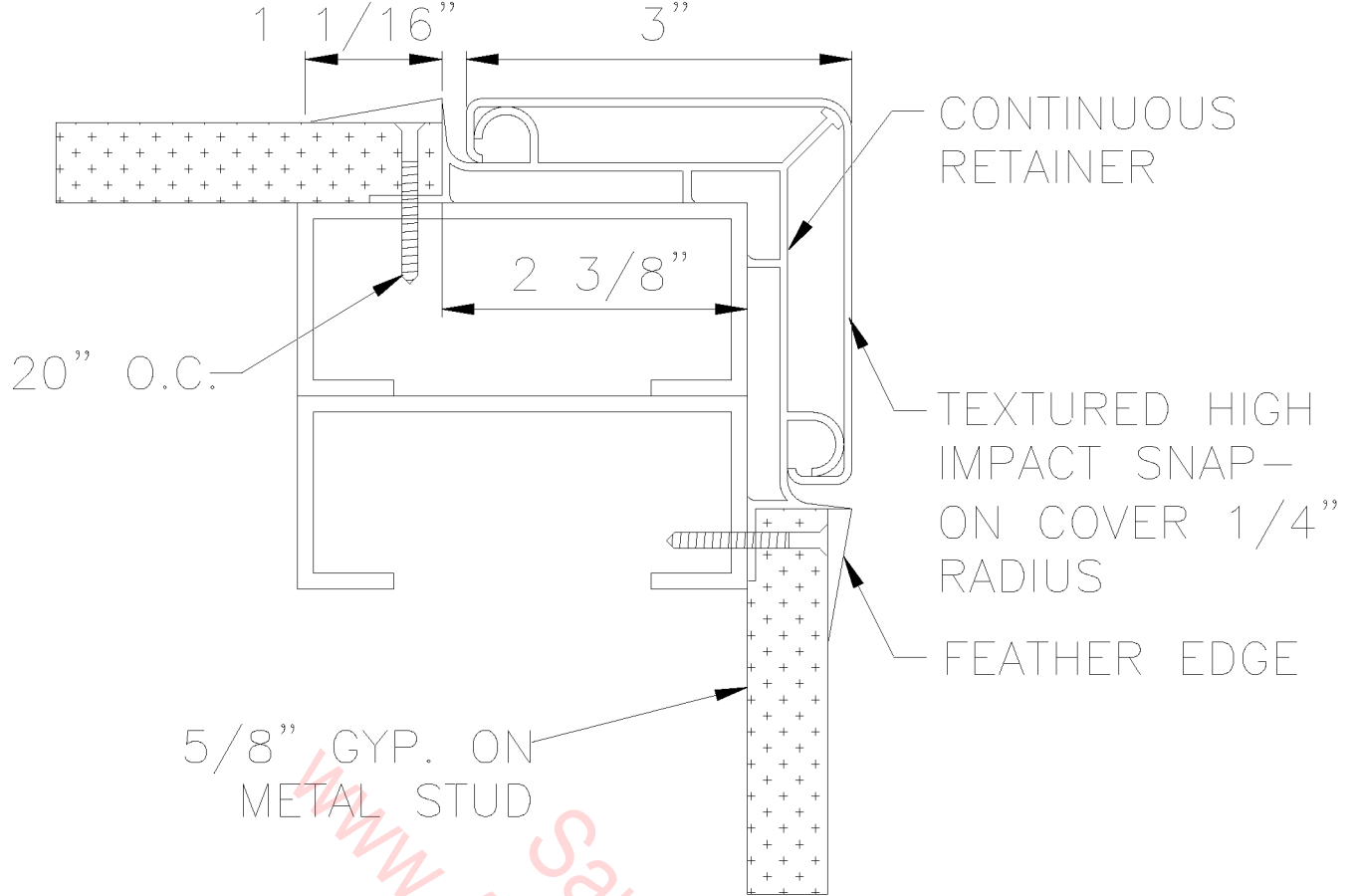
# WOOD WAINSCOT

SCALE: 3" = 1'-0"



# BUMPER RAILS

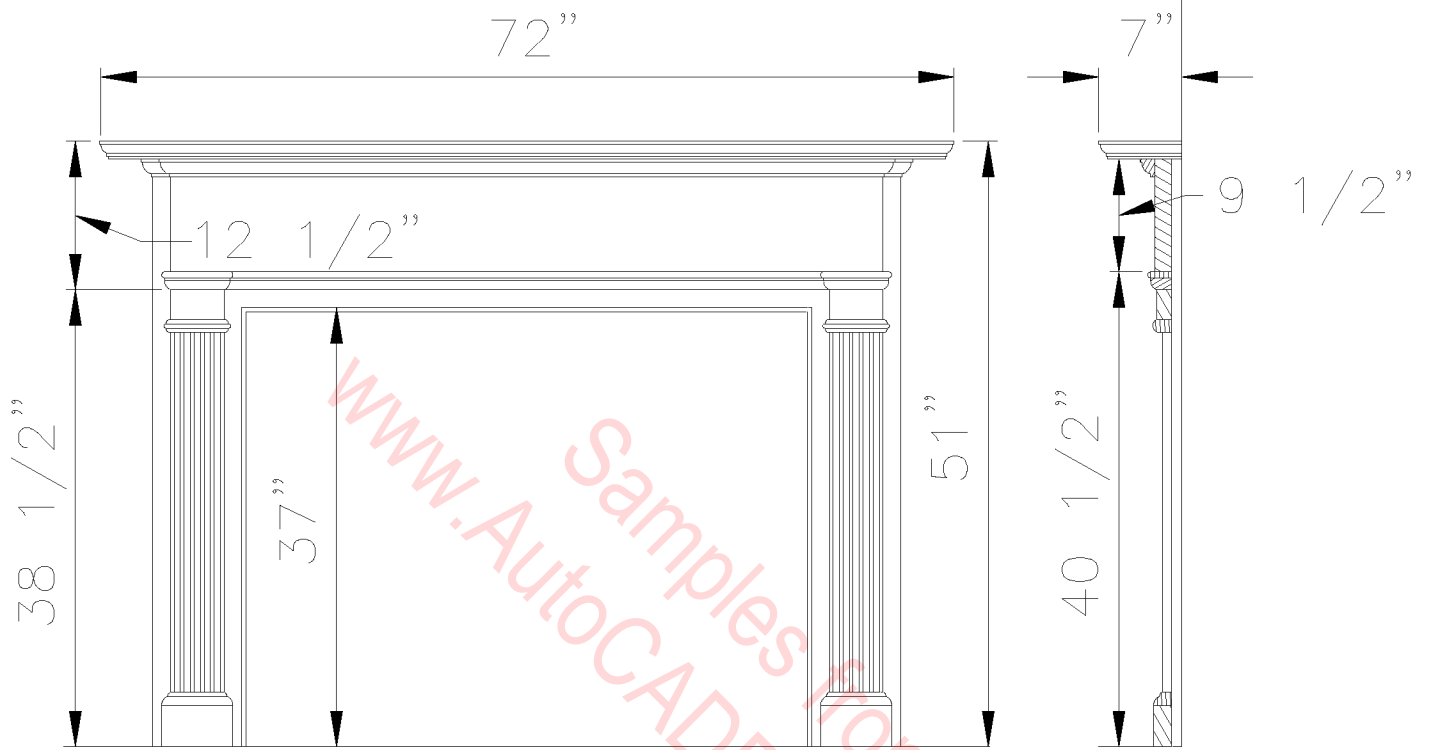
SCALE:  $1/2'' = 1'-0''$



# CORNER GUARDS

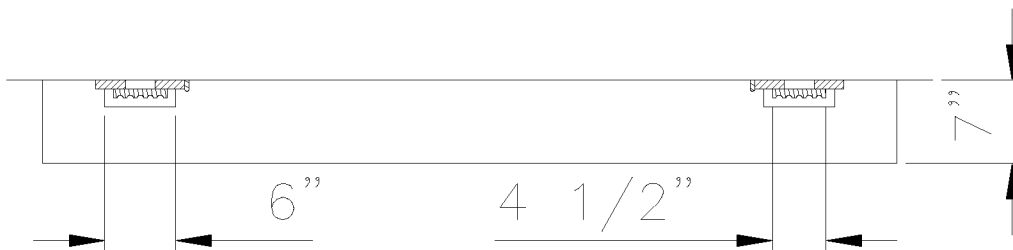
SCALE: 6" = 1'-0"

- BRACE LARGE MEMBERS TO WALL BEHIND APPLIED TRIM
- FASTEN APPLIED TRIM WITH FINISH NAILS, SINK & FILL FINISH NAIL HOLES



ELEVATION

SECTION

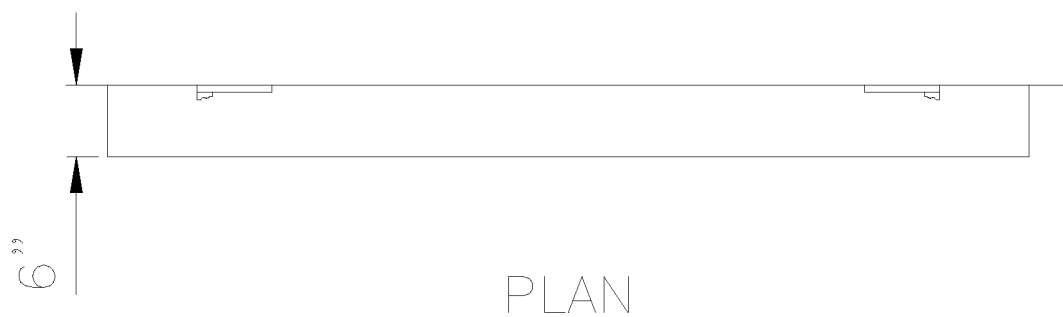
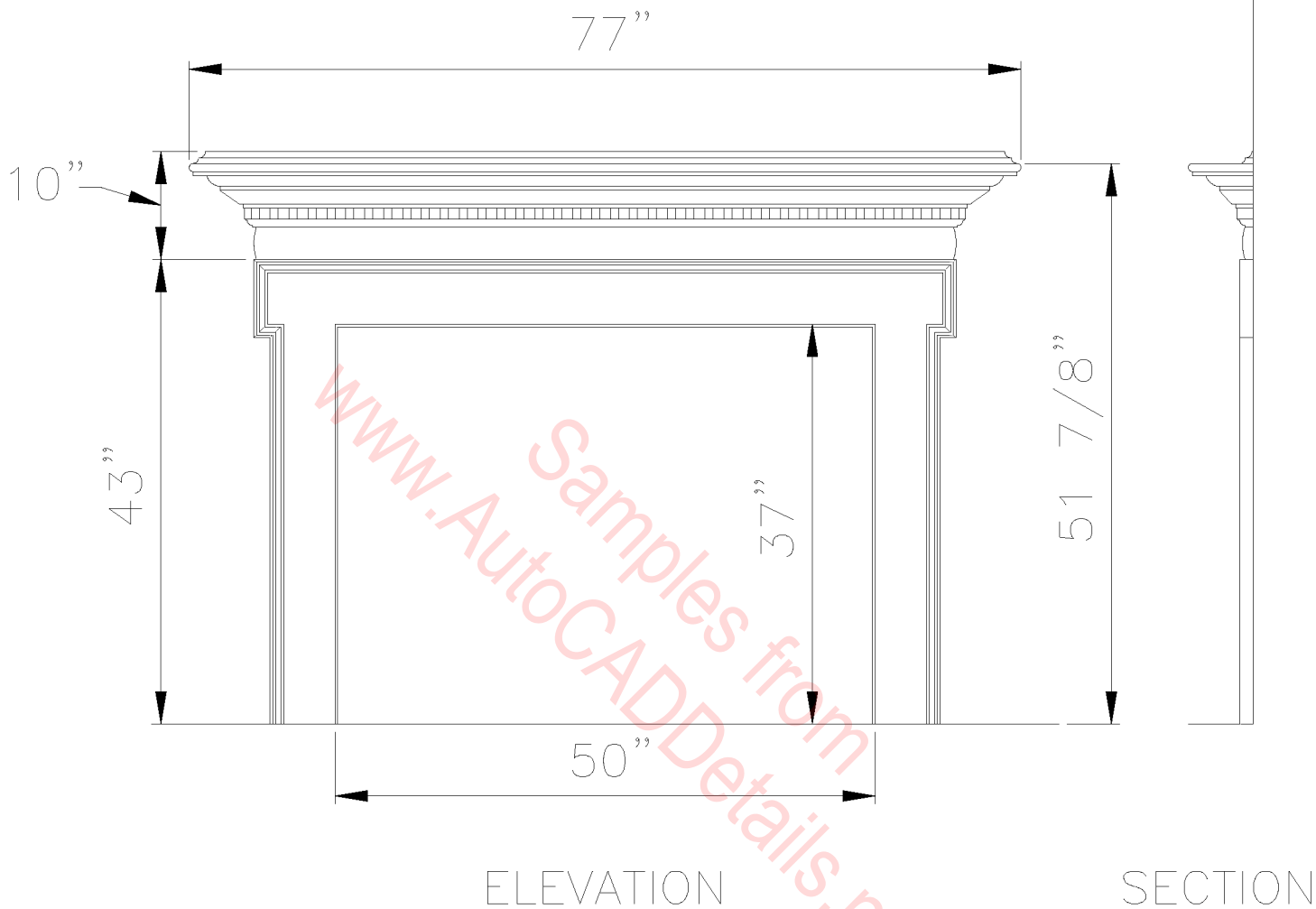


PLAN

# FIREPLACE FINISH

SCALE: 1/2" = 1'-0"

- BRACE LARGE MEMBERS TO WALL BEHIND APPLIED TRIM
- FASTEN APPLIED TRIM WITH FINISH NAILS, SINK & FILL FINISH NAIL HOLES



# FIREPLACE FINISH

SCALE: 1/2" = 1'-0"

FACE OF FINISHED WALL

1/4" X 10 OVAL HEAD CHROME PLATED SELF-THREADING TAMPER-PROOF SCREWS SPACED 8" O.C. MAX.

FRAME WELDED AND GROOVED SMOOTH AT ALL FOUR CORNERS

1/8" X 1/4" RUBBER GASKET ALL SIDES CEMENT TO BACK FRAME

1" X 6" WOOD SCREWS AND FIBER PLUGS IN PLASTIC OR CERAMIC TILE OR CONCRETE WALLS. USE 2 1/2" TOGGLE BOLTS FOR CMU WALLS

#10 GA. BAKED ENAMEL BACK FRAME WELDED AT ALL CORNERS

1/4" PLATE GLASS MIRROR

SECUREMENT TO MASONRY OR CONC. WALL

SCREWS TOP & BOTTOM OF BACK FRAME  
VARIES

SEE NOTES ABOVE FOR MIRROR & FRAME

1 3/4" MIN. SCREWS

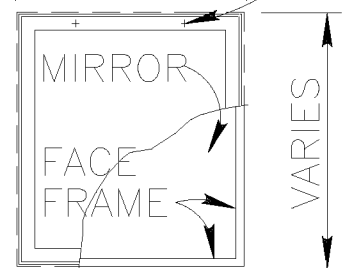
BLOCKING BEHIND FRAME (IN STUD WALL)

7/8" MTL. LATH AND PLASTER FIN. WALL

1 X 2 BLOCKING (IN FURRED WALL)

FACE OF FURRED WALL

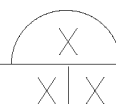
SECUREMENT TO STUD OR FURRED WALL



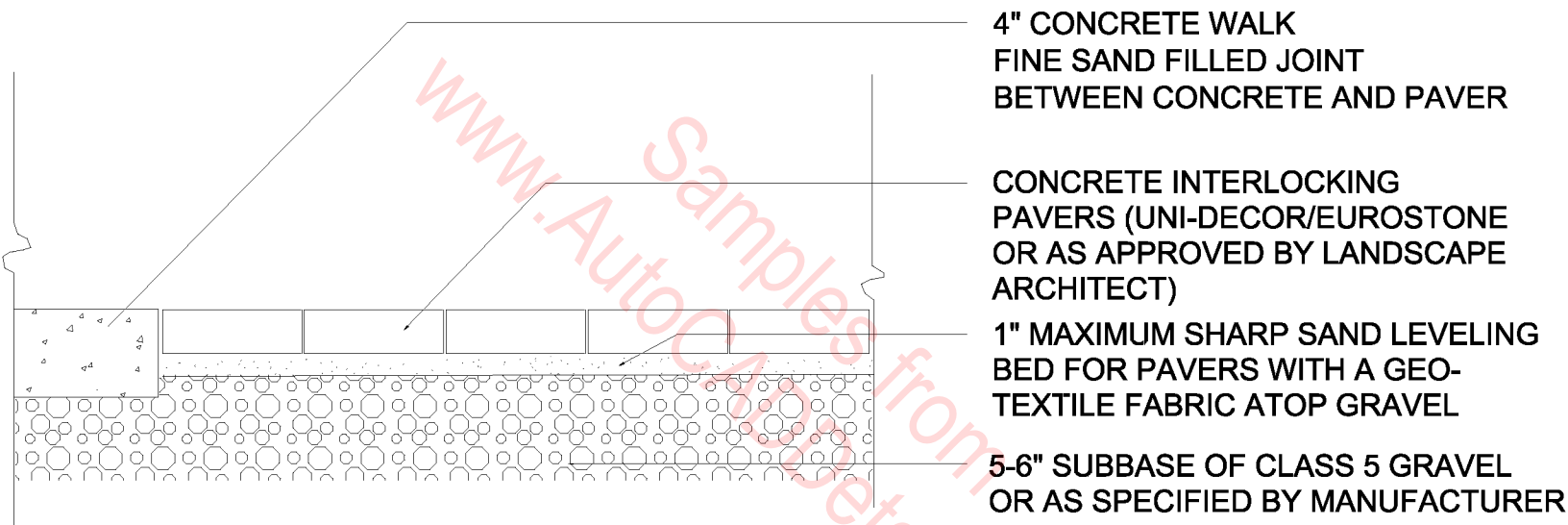
ELEVATION

# MIRROR DETAILS

SCALE : 3" = 1'-0"

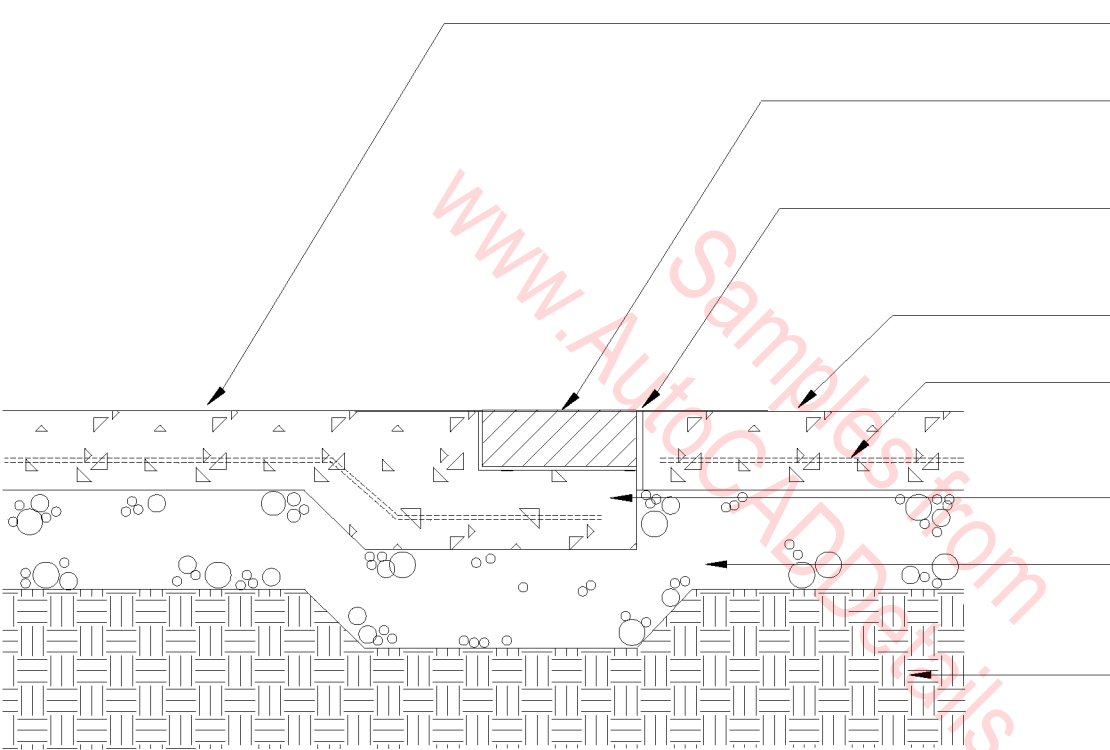






## CONCRETE INTERLOCKING PAVER DETAIL

SCALE: 1-1/2" = 1'-0"



4" REINF. CONCRETE WALK

PAVERS SET ON MORTAR SETTING BED OR EPOXY ADHESIVE.

"HORN" STRIP JOINT EXPANSION JOINT (3/8" X 4")

EXISTING CONCRETE WALK

#4 REINF. BAR

4" THICKEN SLAB AREA

5" COMPACTED CLASS 5 GRAVEL

UNDISTURBED SOIL

## ROWLOCK PAVER DETAIL

SCALE: 1-1/2" = 1'-0"

5/8" x 7" STEEL SEAT  
FRAME

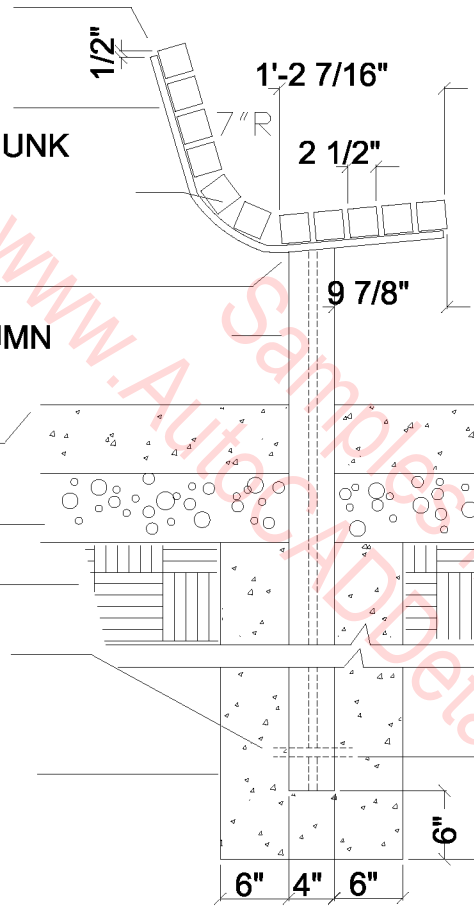
2-1/2" PHILLIPS HEAD  
WOOD SCREWS COUNTERSUNK  
2-1/2" X 2-1/2" CLEAR HEART  
REDWOOD AS SPECIFIED

CONTINUOUS WELD  
4" X 4" X 3/8" STEEL 'H' COLUMN  
12" PER FOOT MIN.

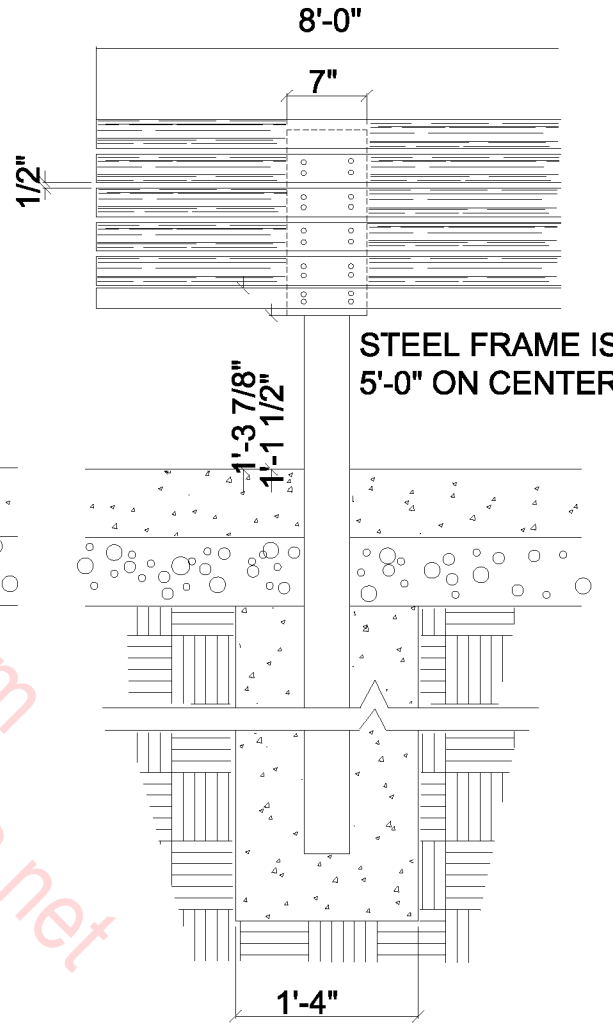
FINISHED GRADE OF  
CONCRETE PAVEMENT  
GRAVEL BEDDING

COMPACT SUBGRADE  
8" X 3/4" ROD WELDED  
IN PLACE

1'-4" CONCRETE FOOTING  
TO FROST



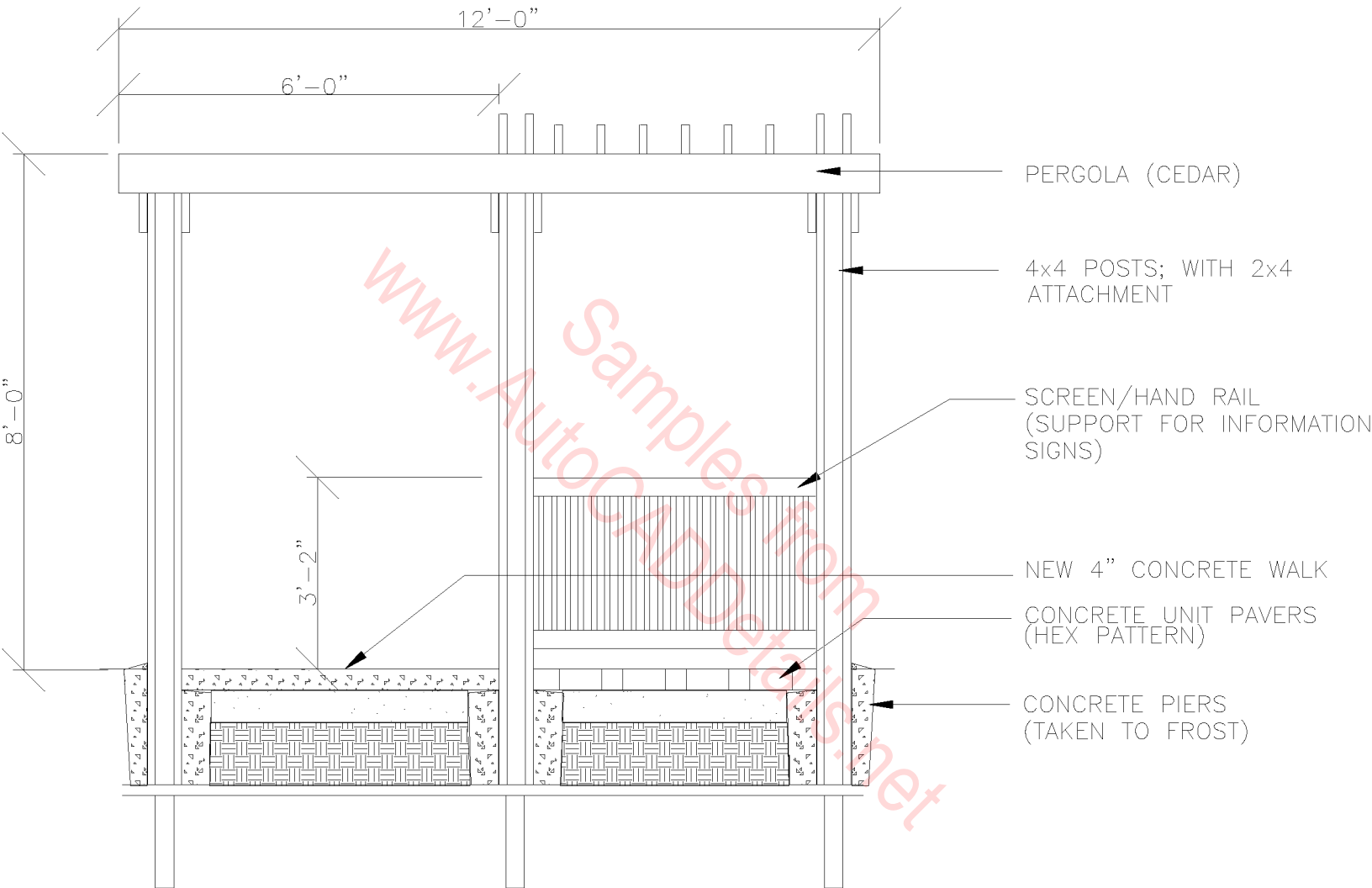
SECTION



HALF ELEVATION

# BENCH DETAIL

SCALE: 3/4"=1'-0"



PERGOLA (CEDAR)

4x4 POSTS; WITH 2x4 ATTACHMENT

SCREEN/HAND RAIL (SUPPORT FOR INFORMATION SIGNS)

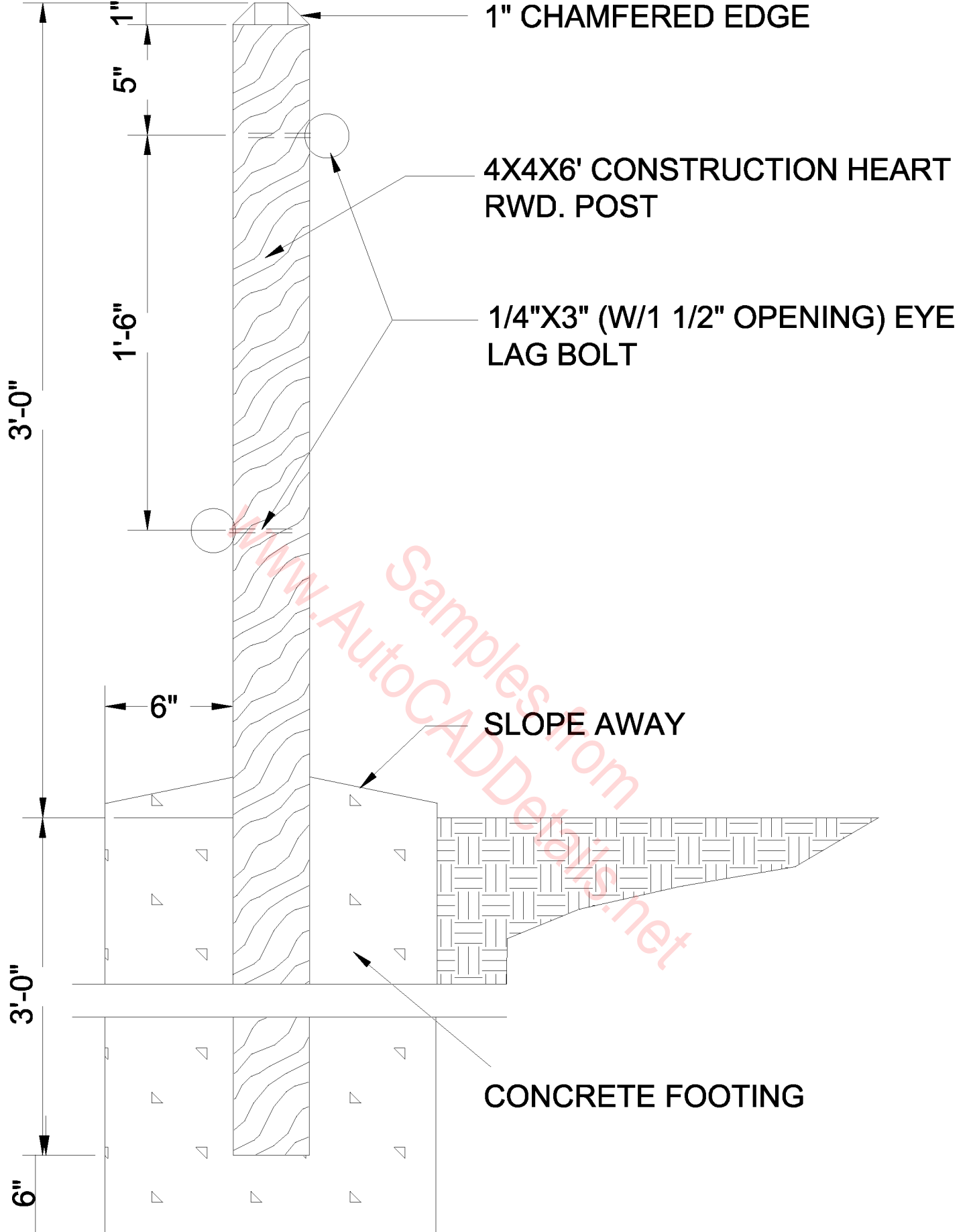
NEW 4" CONCRETE WALK

CONCRETE UNIT PAVERS (HEX PATTERN)

CONCRETE PIERS (TAKEN TO FROST)

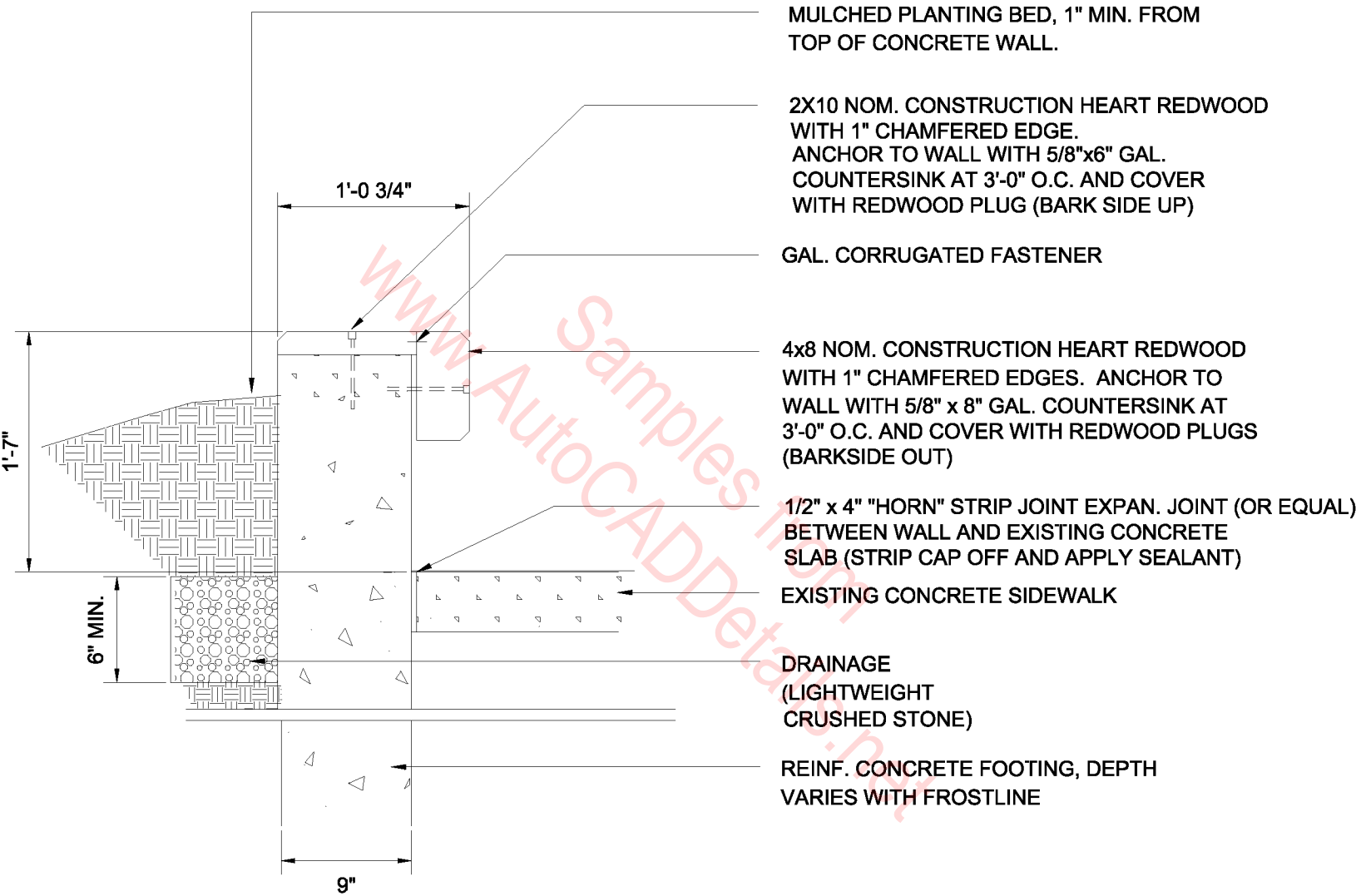
PERGOLA SECTION

SCALE: 1/2" = 1'-0"



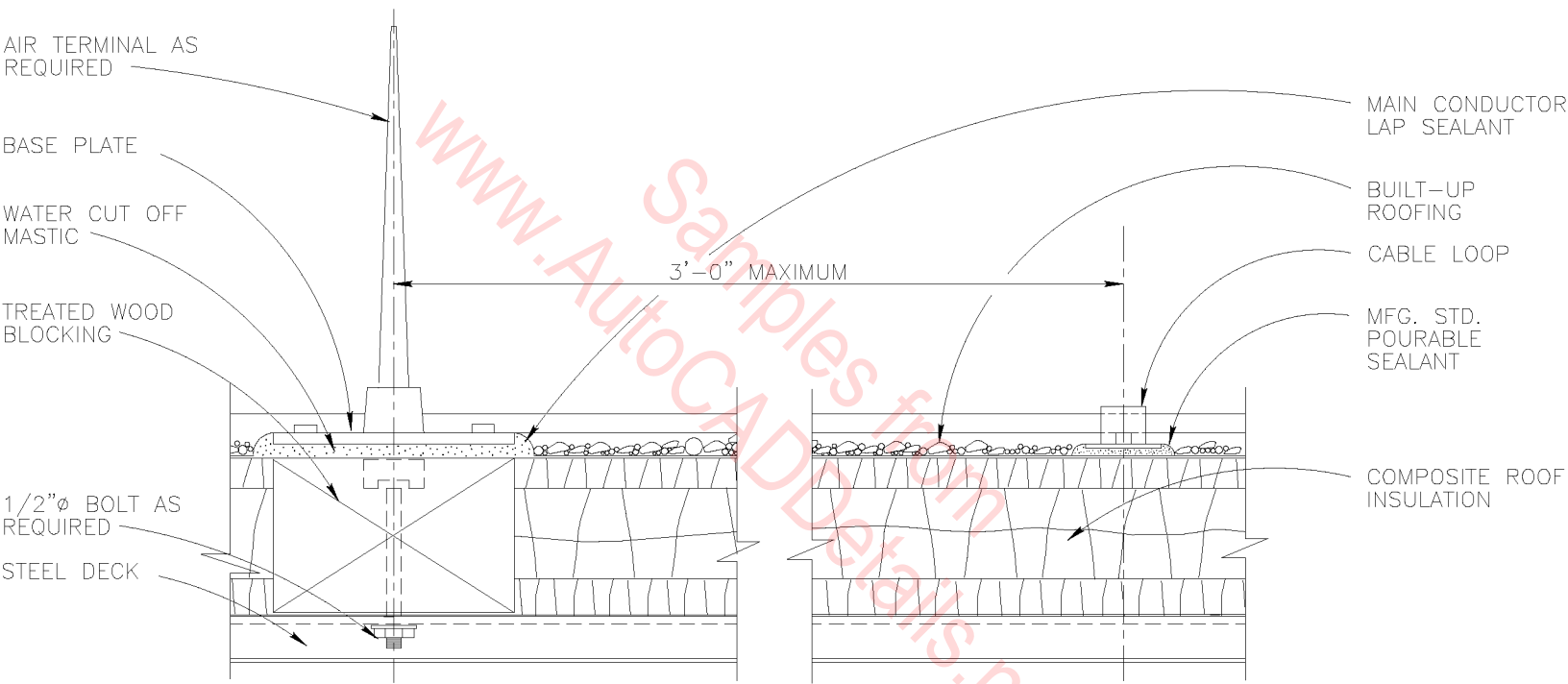
# PET POST

SCALE: 1-1/2" = 1'-0"



## SEATWALL SECTION

SCALE: 1-1/2" = 1'-0"

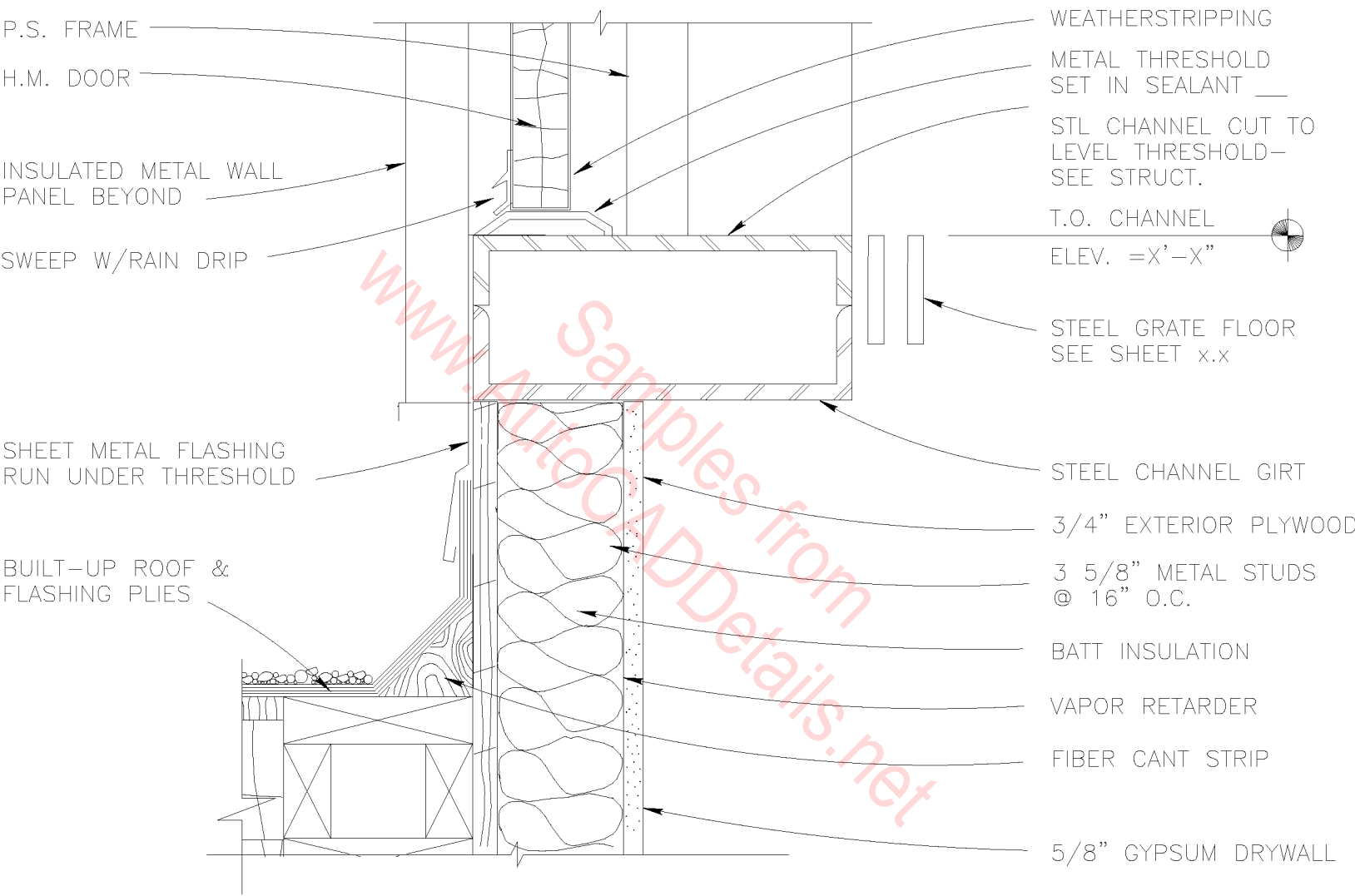


LIGHTNING PROTECTION—AIR TERMINAL

SCALE : 3"=1'-0"

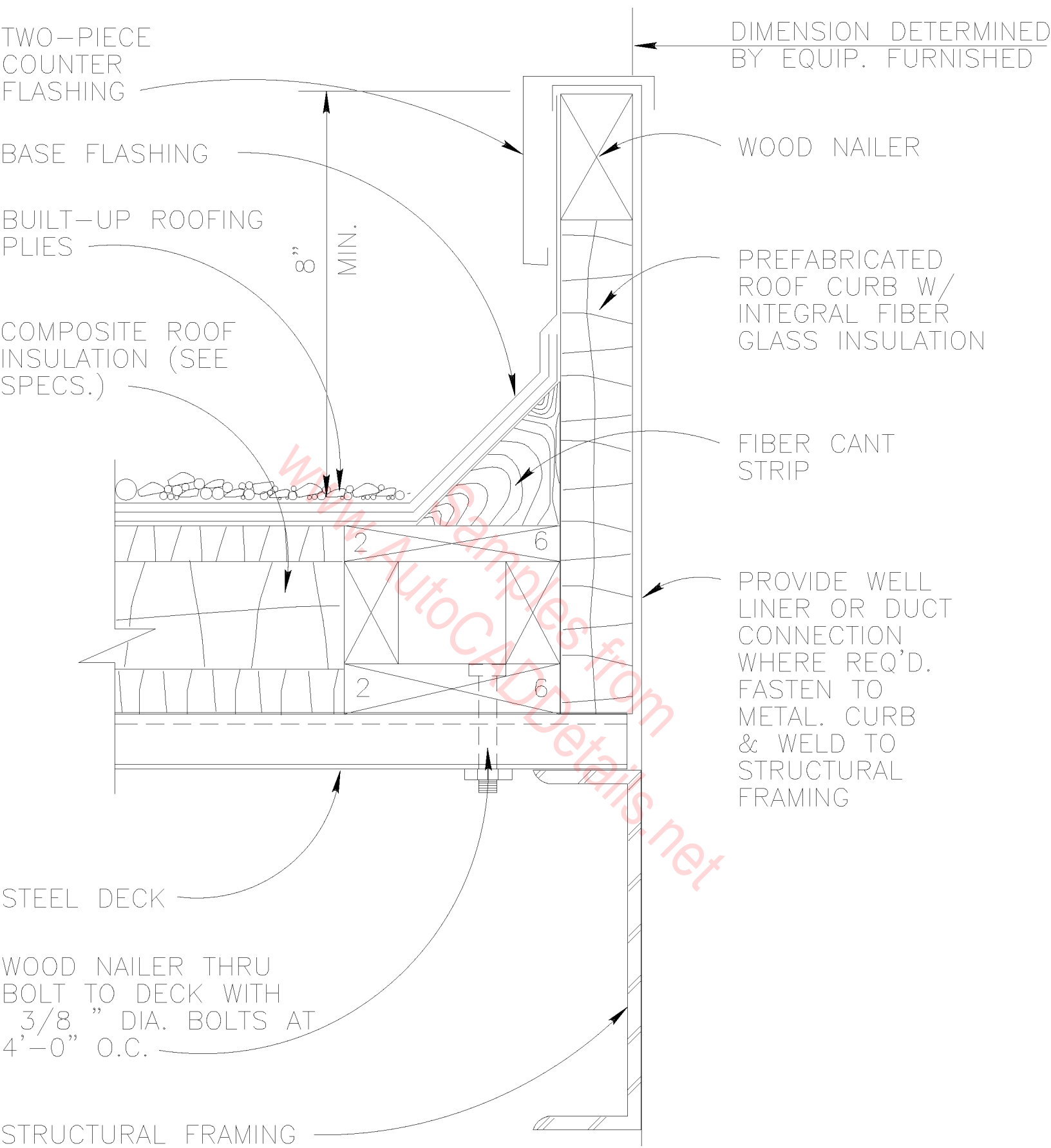
X  
XIX

NOTE: SEE ELECTRICAL DWGS.  
FOR LOCATION OF AIR TERMINAL



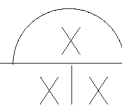
DETAIL @ ROOF ACCESS DOOR X  
 SCALE : 3"=1'-0" X





# CURB DETAIL

SCALE : 3" = 1'-0"



FLANGE NAILED @ 4" O.C.

2" X 6" WOOD BLOCKING  
W/1/2" O BOOTS  
@ 4'-0" O.C.

BUILT-UP ROOF  
& FLASHING PLIES

2"  
5 1/4"

METAL DECK

### ROOF RELIEF JOINT DETAIL

SCALE : 3"=1'-0"

X  
XIX

1'-6"

1'-6"

4"

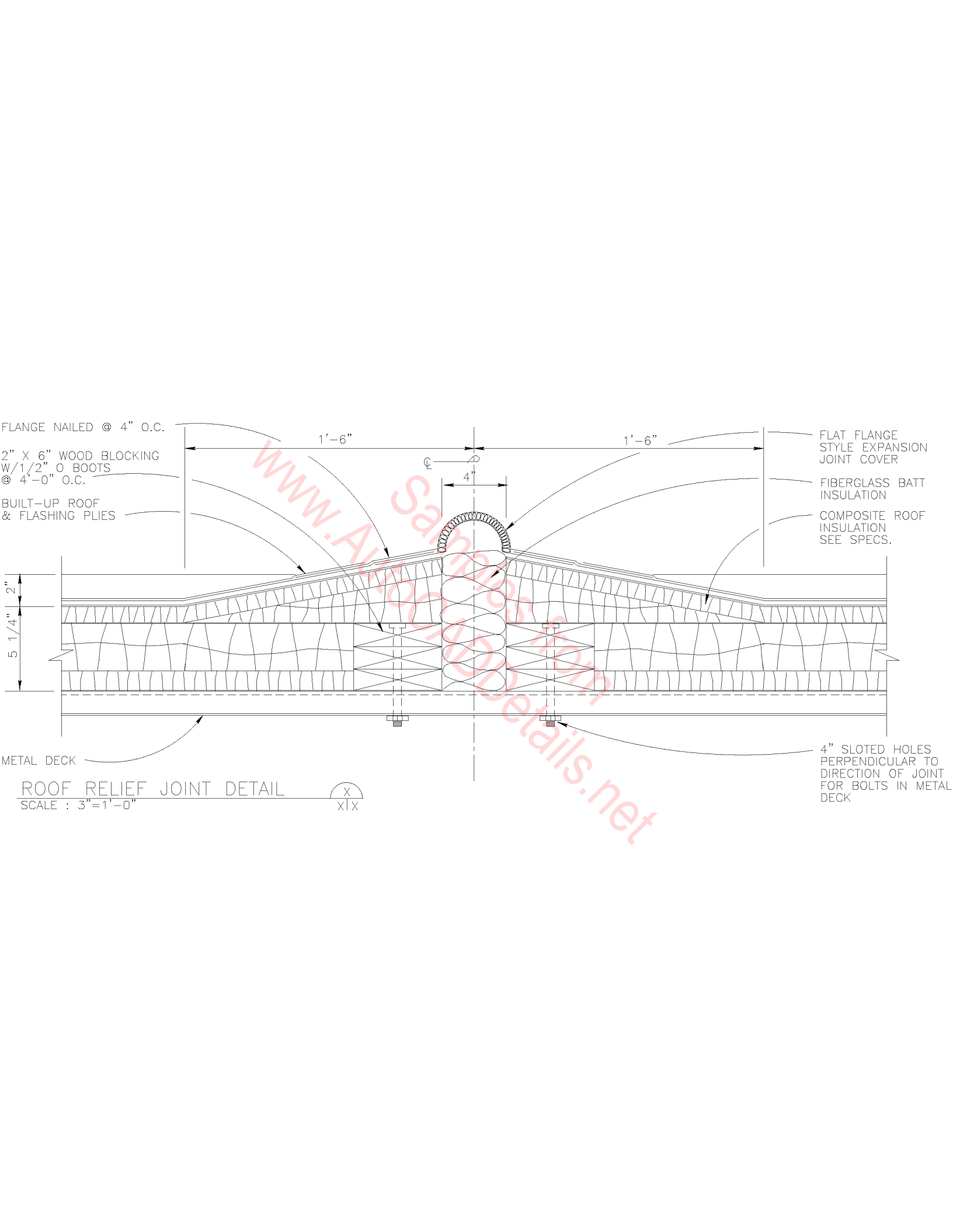
FLAT FLANGE  
STYLE EXPANSION  
JOINT COVER

FIBERGLASS BATT  
INSULATION

COMPOSITE ROOF  
INSULATION  
SEE SPECS.

4" SLOTTED HOLES  
PERPENDICULAR TO  
DIRECTION OF JOINT  
FOR BOLTS IN METAL  
DECK

www.ArchitecturalSamples.com  
ArchitecturalDetails.net



SCUTTLE  
HATCH WITH NEW  
GALVANIZED STEEL  
INSULATED COVER &  
ROOF CURB

3 LAYERS OF BASE  
FLASHING OVER  
ROOFING FELTS AT  
MINIMUM OF 4' AS  
SPECIFIED

HATCH  
ASSEMBLY

CANT STRIP

BUILT-UP  
ROOFING

RIGID  
INSULATION

LADDER

3/4" RUNGS @ 12" O.C.

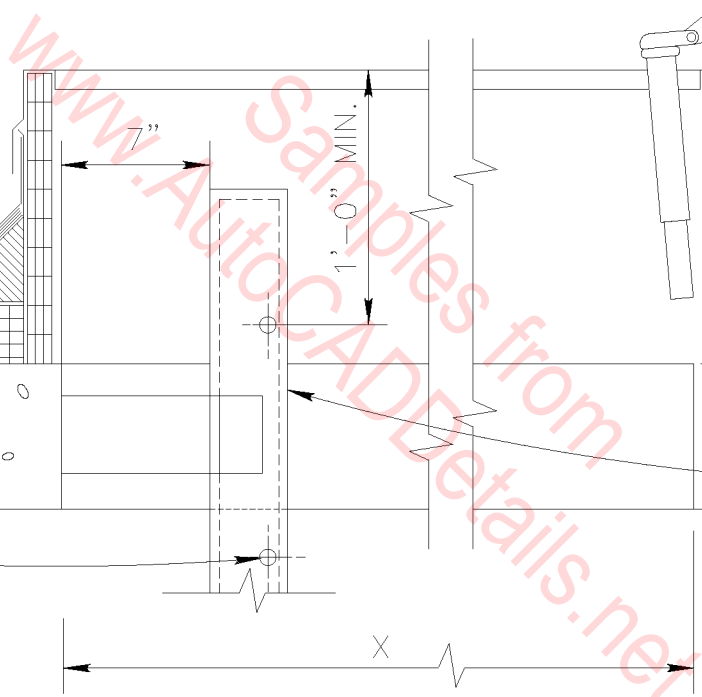
1'-0" MIN.

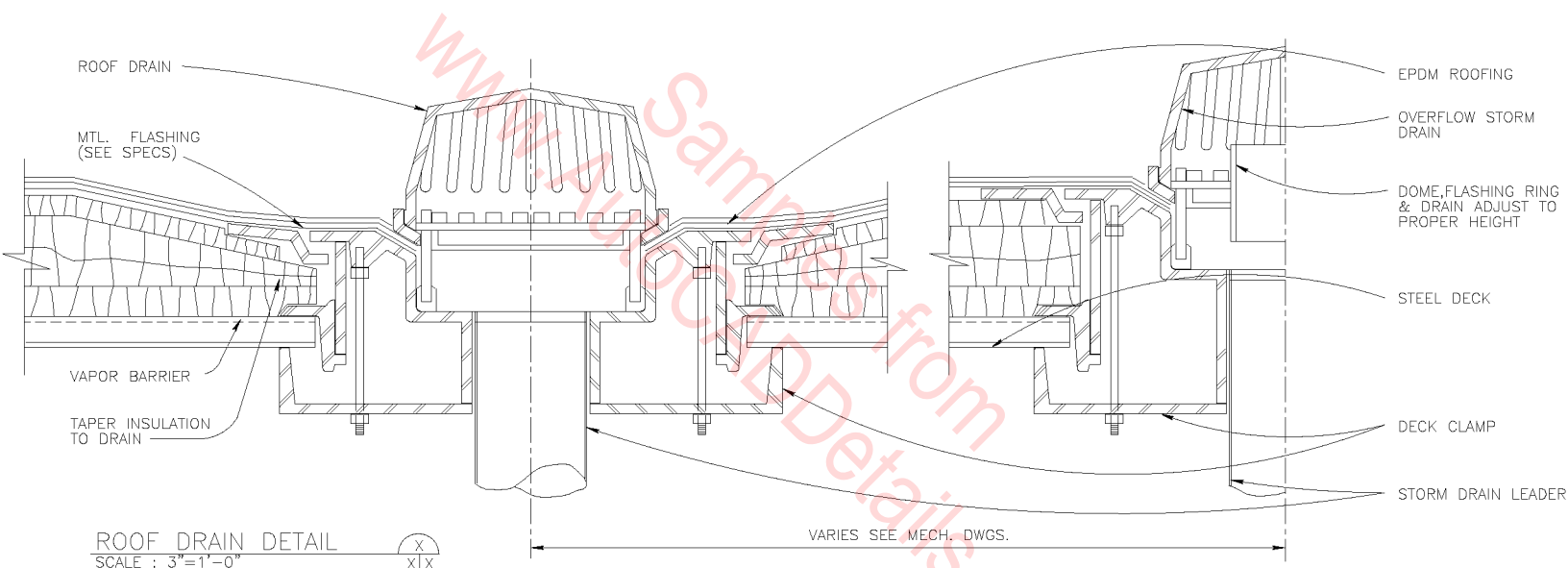
X

ROOF SCUTTLE

SCALE : 1 1/2" = 1'-0"

X  
X | X





ROOF DRAIN

MTL. FLASHING  
(SEE SPECS)

VAPOR BARRIER

TAPER INSULATION  
TO DRAIN

EPDM ROOFING

OVERFLOW STORM  
DRAIN

DOME, FLASHING RING  
& DRAIN ADJUST TO  
PROPER HEIGHT

STEEL DECK

DECK CLAMP

STORM DRAIN LEADER

ROOF DRAIN DETAIL  
SCALE : 3"=1'-0"

X  
XIX

VARIES SEE MECH. DWGS.

4" LEAD FLASHING

VENT

LEAD FLANGE SET IN  
MASTIC. STRIP IN W/  
2 PLYS OF FELT

BUILT-UP ROOF PLIES

COMPOSITE ROOF  
INSULATION (SEE  
SPECS.)

28 GA. PITCH  
DAM.

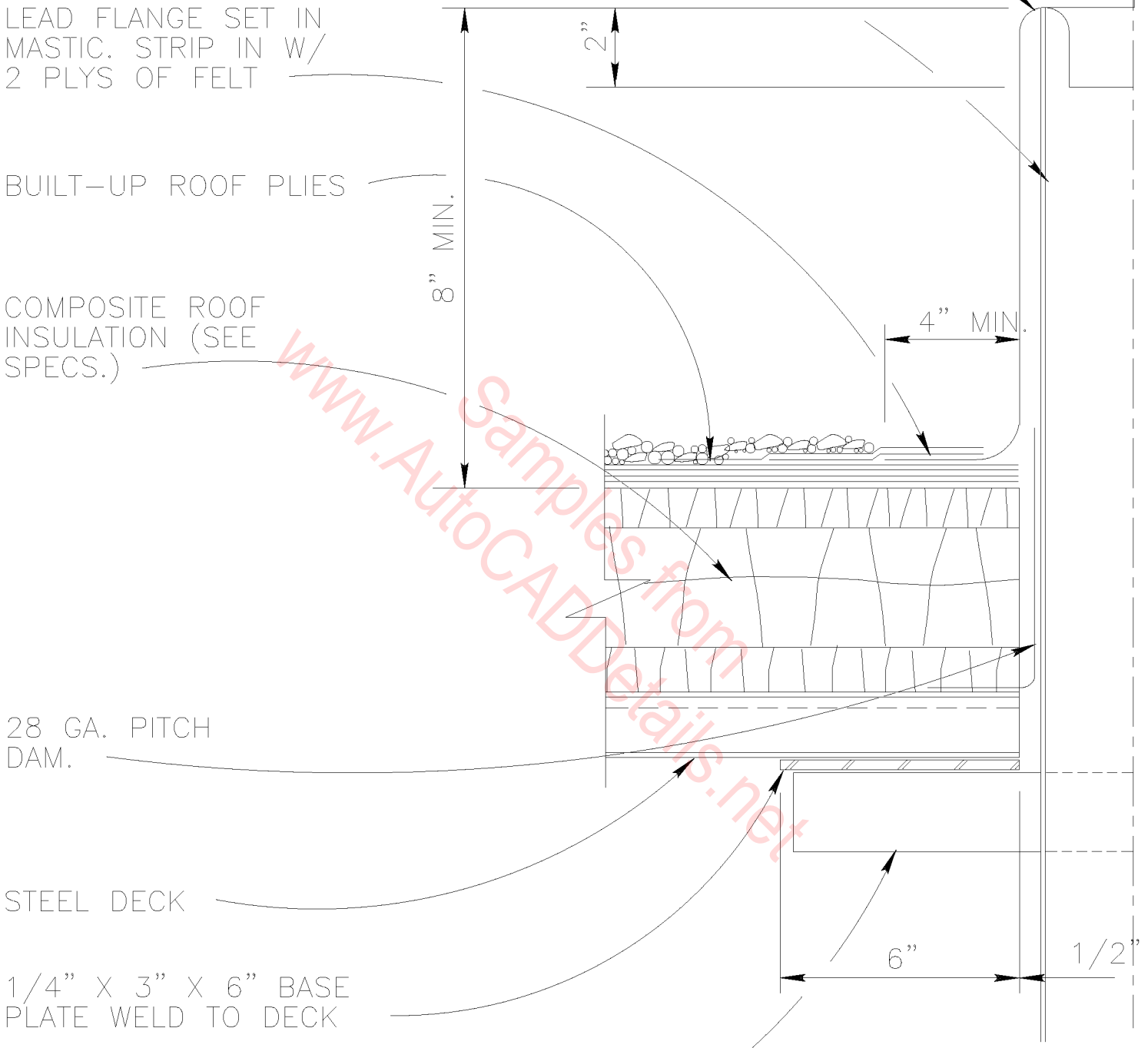
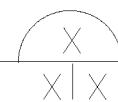
STEEL DECK

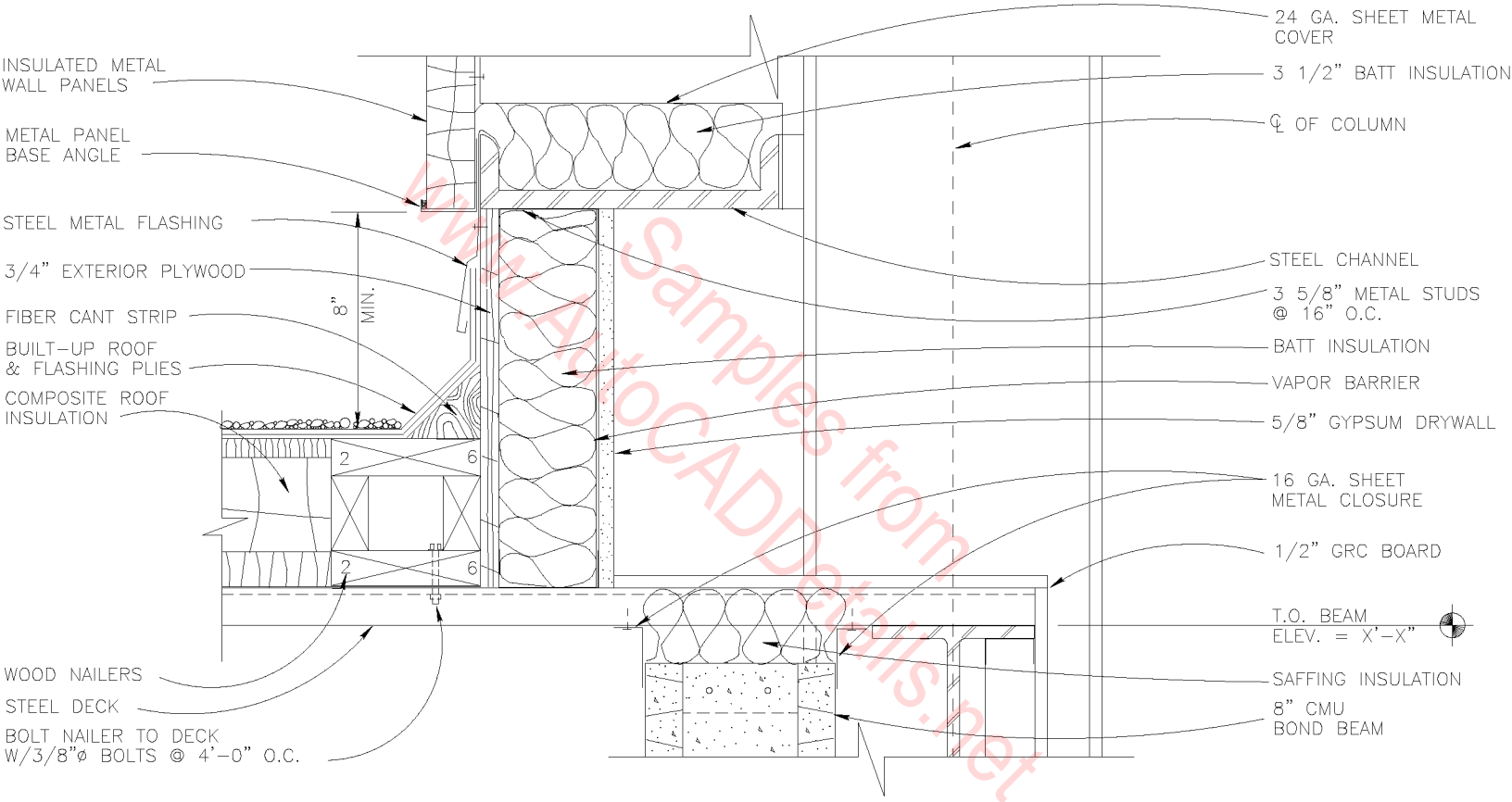
1/4" X 3" X 6" BASE  
PLATE WELD TO DECK

TYPE 8 RISER CLAMP &  
BASE PLATE. WELD ONE  
SIDE OF CLAMP ONLY  
TO BASE PLATE

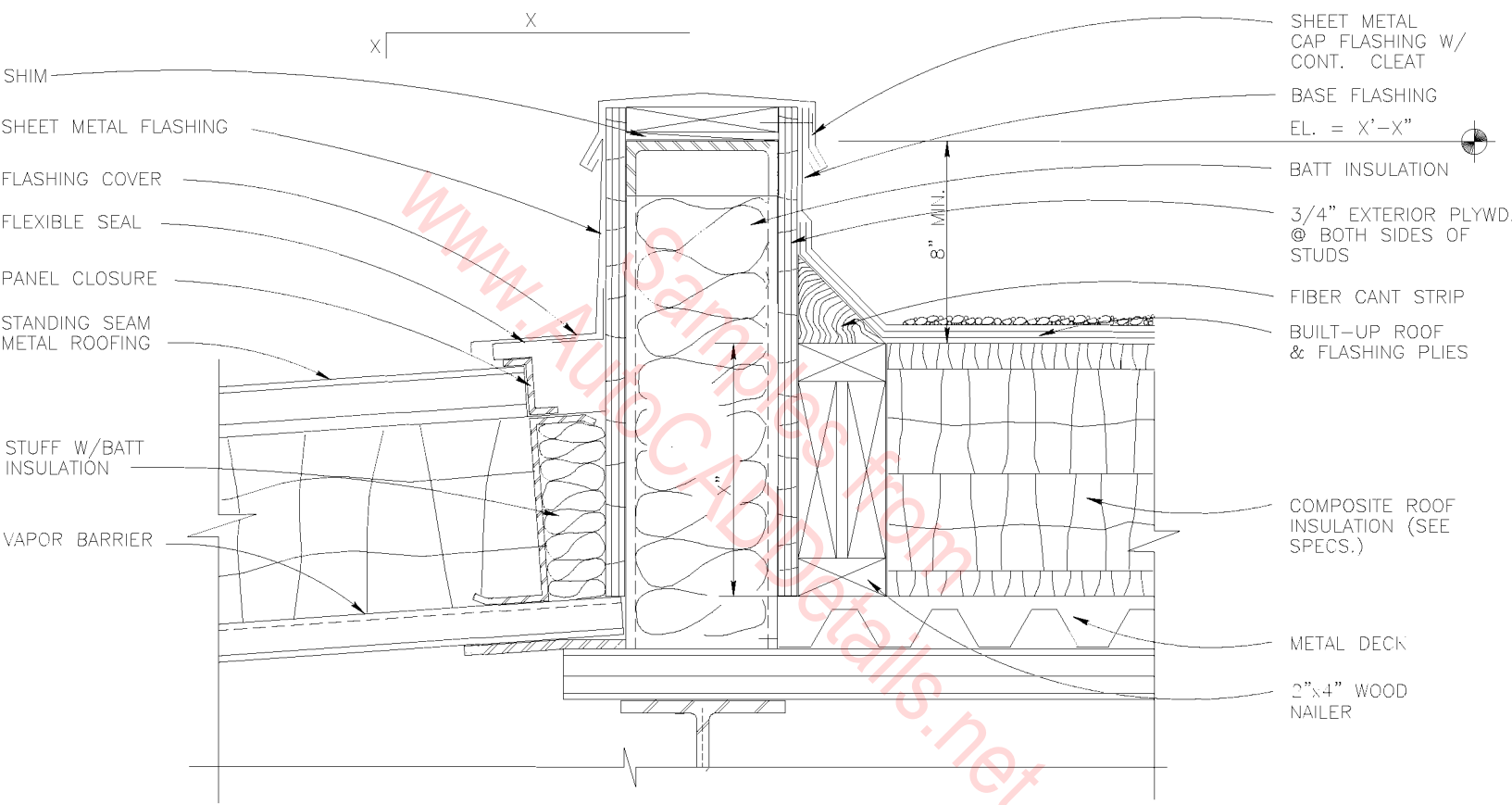
# PLUMBING VENT DETAIL

SCALE : 3" = 1'-0"





ROOF DETAIL  
 SCALE : 3"=1'-0"  
 X  
 X|X



ROOF DETAIL  
SCALE : 3"=1'-0"

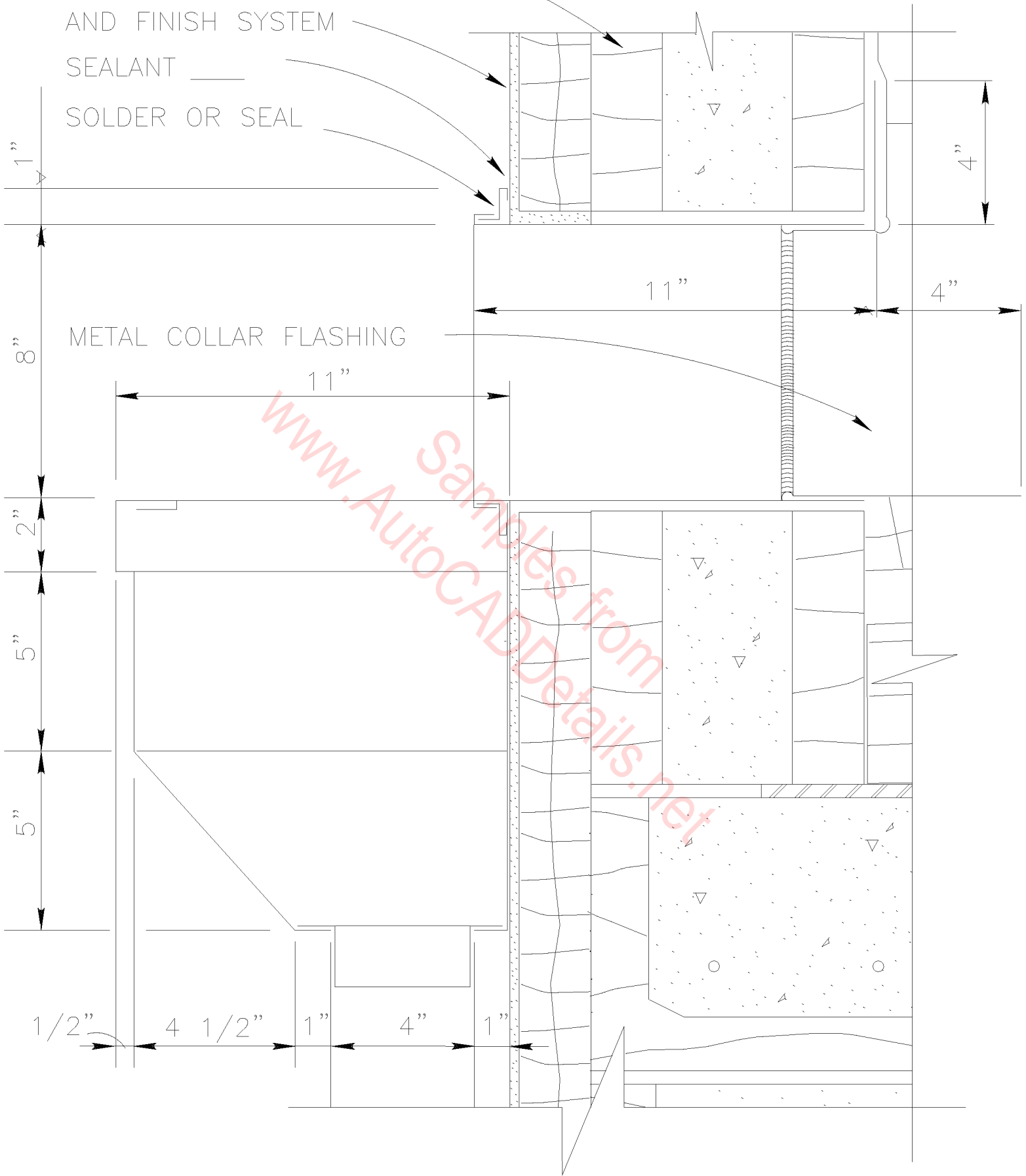


8" CMU

EXTERIOR INSULATION  
AND FINISH SYSTEM

SEALANT

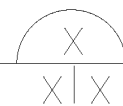
SOLDER OR SEAL



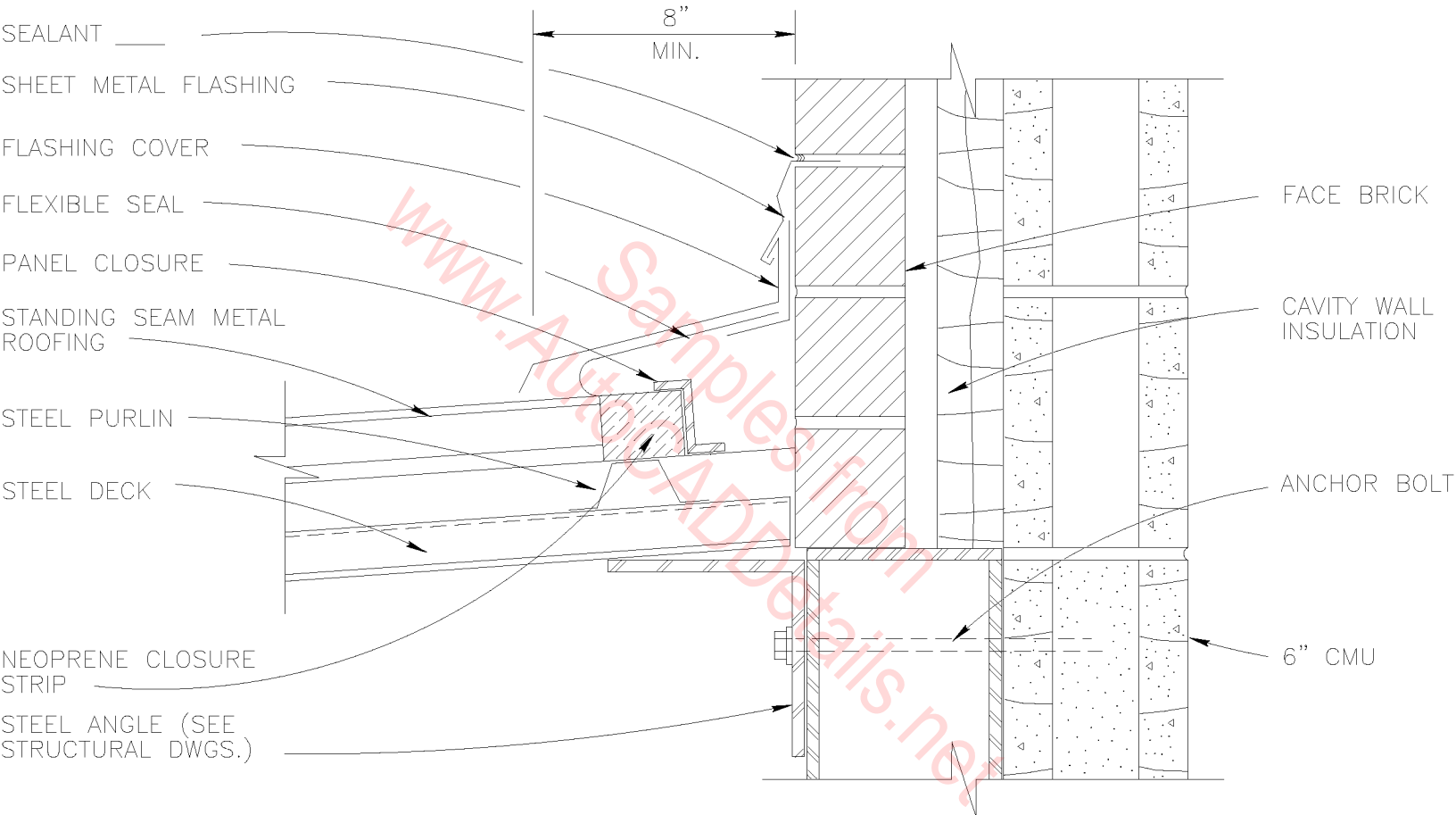
www.AutocADDetails.net

# CONDUCTOR HEAD DETAIL

SCALE : 3" = 1'-0"

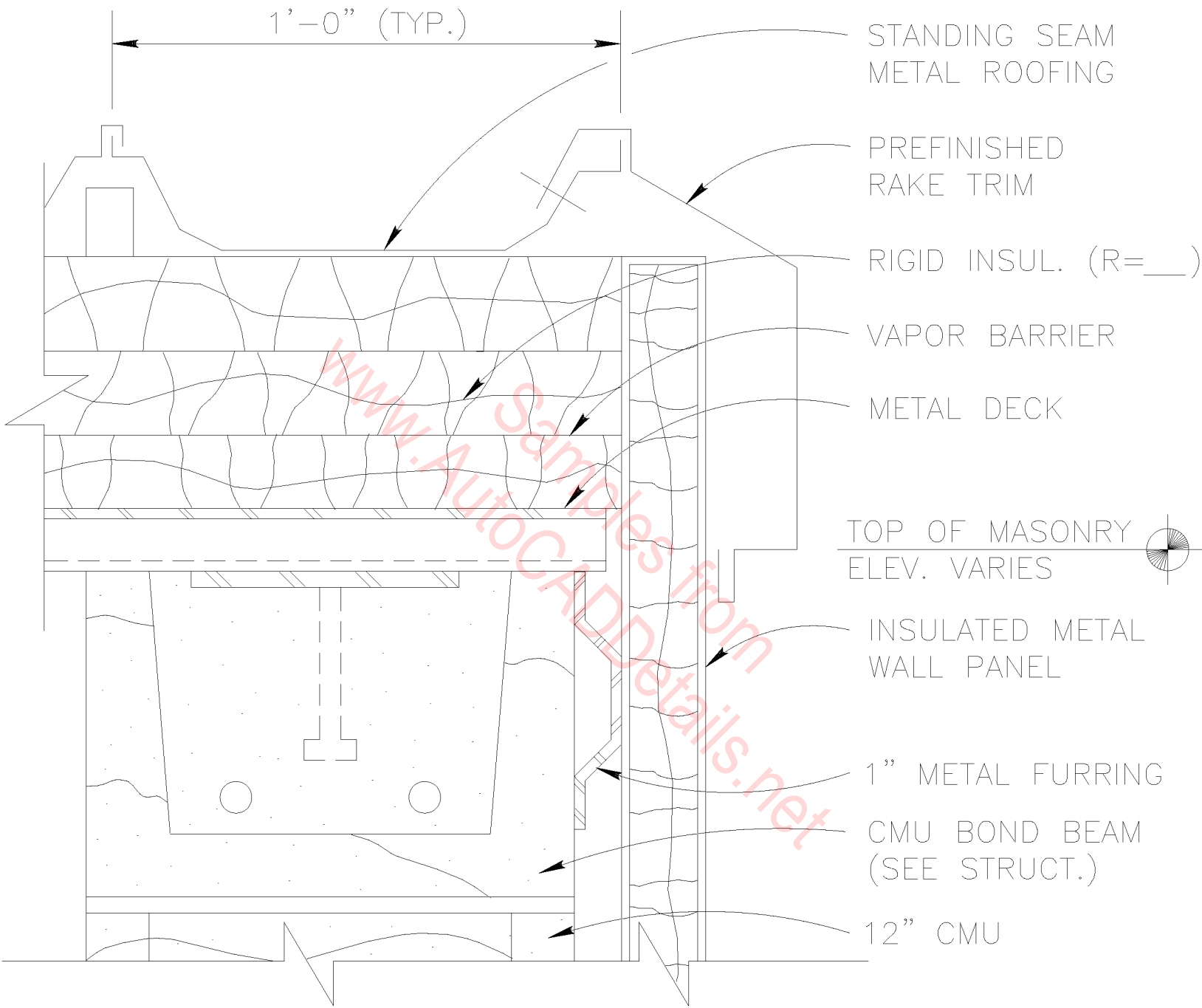






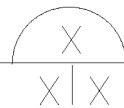
ROOF DETAIL  
 SCALE : 3"=1'-0"

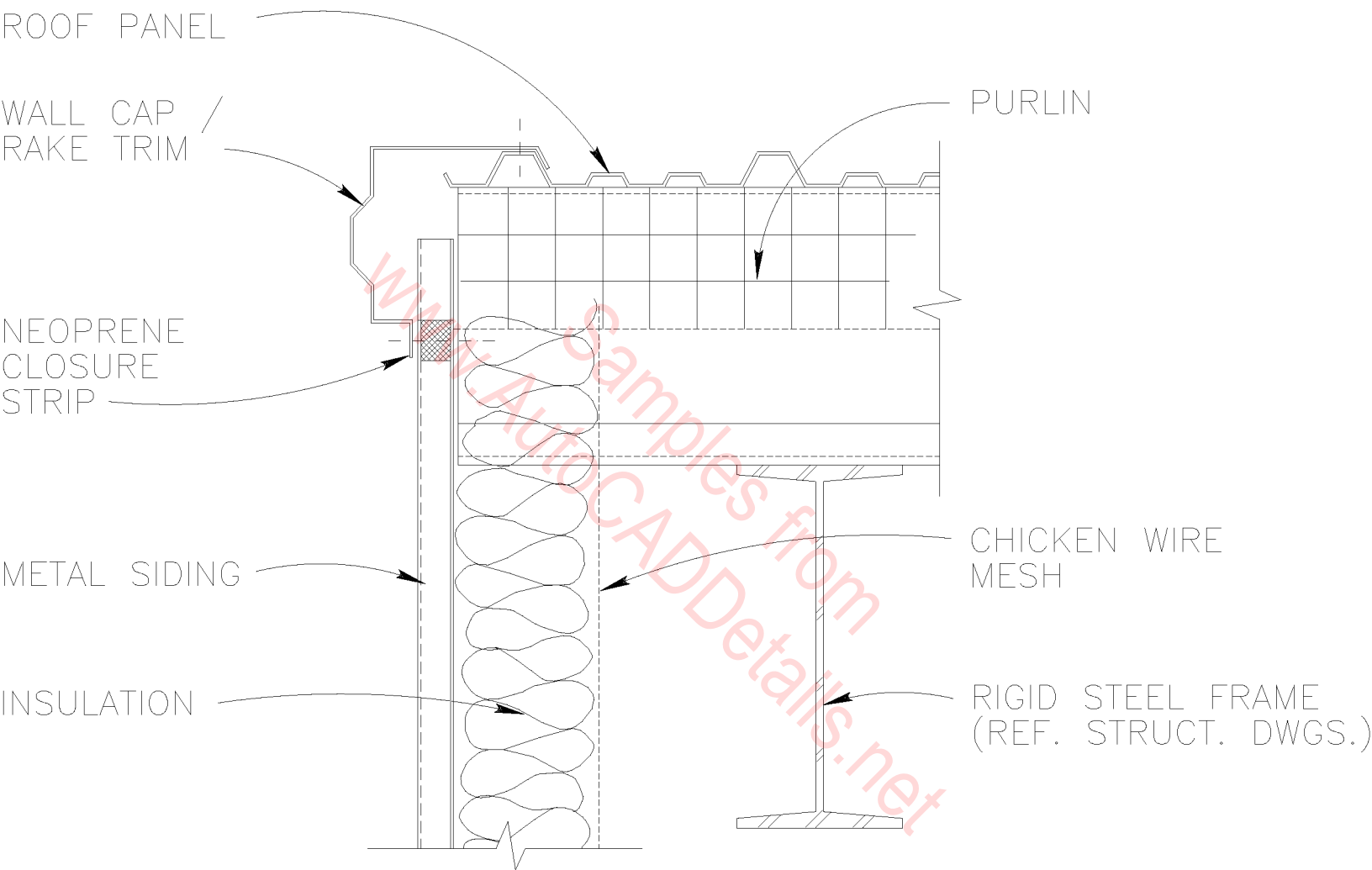




RAKE DETAIL

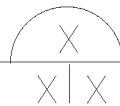
SCALE : 3"=1'-0"





RAKE DETAIL

SCALE : 1 1/2" = 1'-0"



SSMR SYSTEM

SSMR GABLE TRIM

SSMR INSULATION

SSMR SUBPURLIN TRACK

VAPOR BARRIER

CONTINUOUS CLEAT

2" X 8" WOOD BLOCKING W/ 1/2" DIA. LAG BOLTS @ 4'-0" O.C.

4" ARCHITECTURAL CMU

RIGID INSULATION

6"

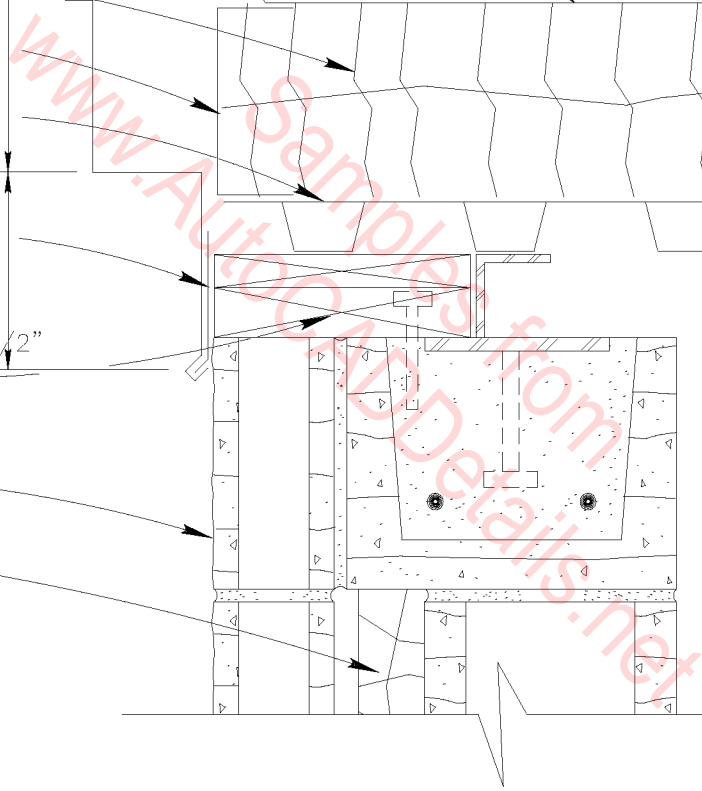
6"

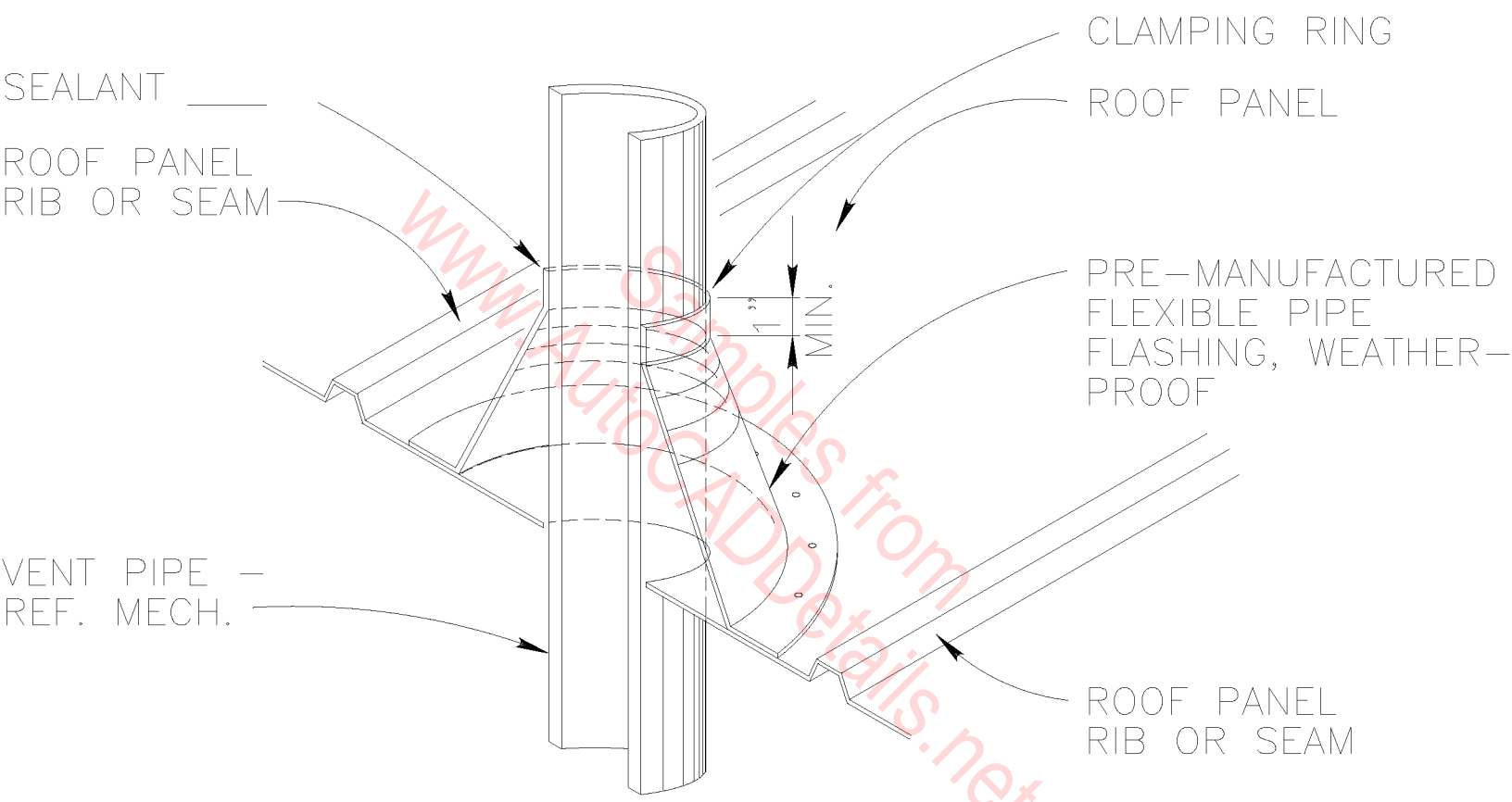
4"

NOTE: DISTANCE BETWEEN SSMR ROOF & BOTTOM OF SSMR EAVE CLOSURE SHALL BE CONSTANT AT BOTH GABLE & EAVE LOCATIONS

GABLE RAKE DETAIL

SCALE : 3"=1'-0"





SEALANT

ROOF PANEL  
RIB OR SEAM

VENT PIPE -  
REF. MECH.

CLAMPING RING

ROOF PANEL

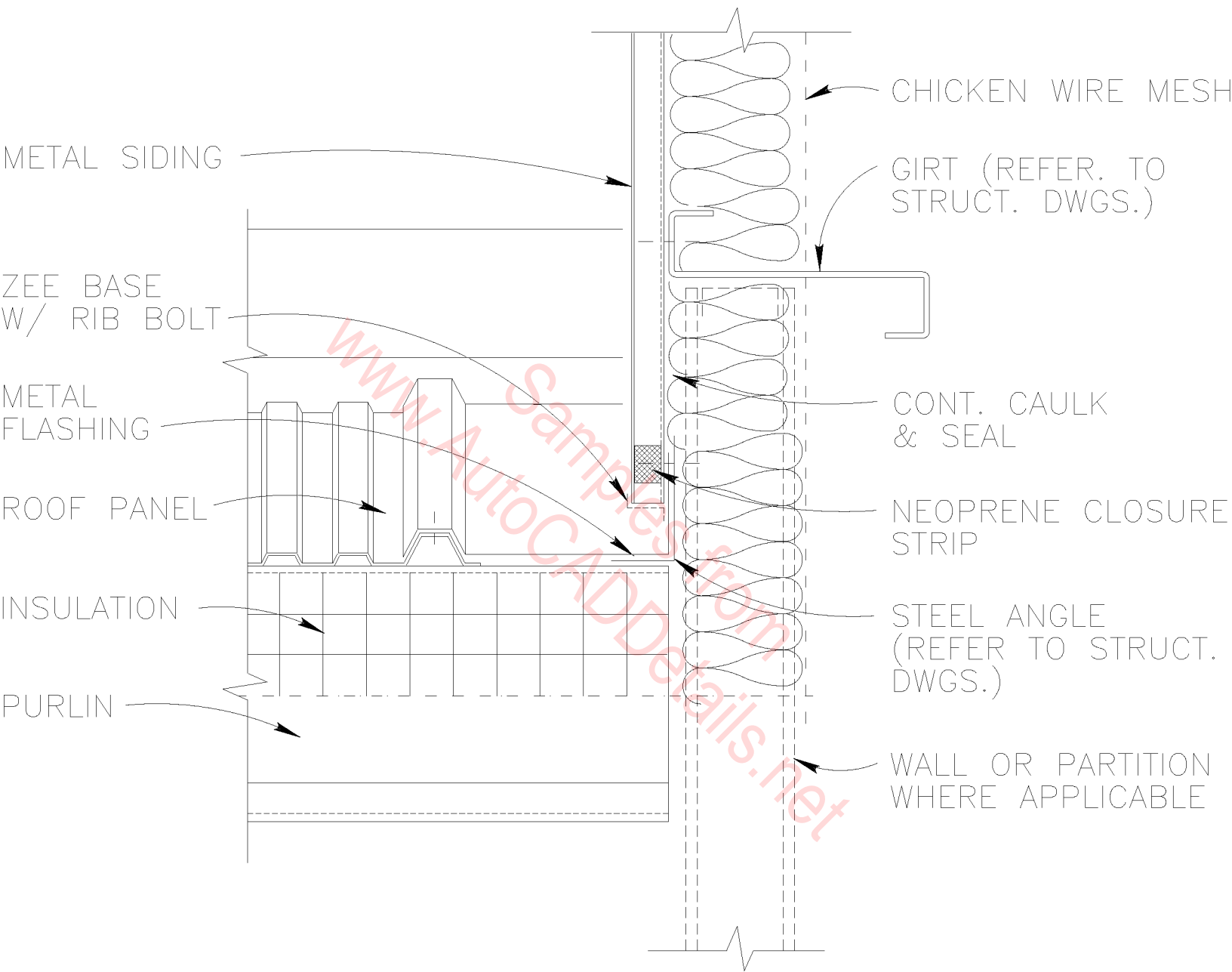
PRE-MANUFACTURED  
FLEXIBLE PIPE  
FLASHING, WEATHER-  
PROOF

ROOF PANEL  
RIB OR SEAM

ROOF VENT DETAIL

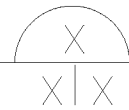
SCALE : 1 1/2" = 1'-0"

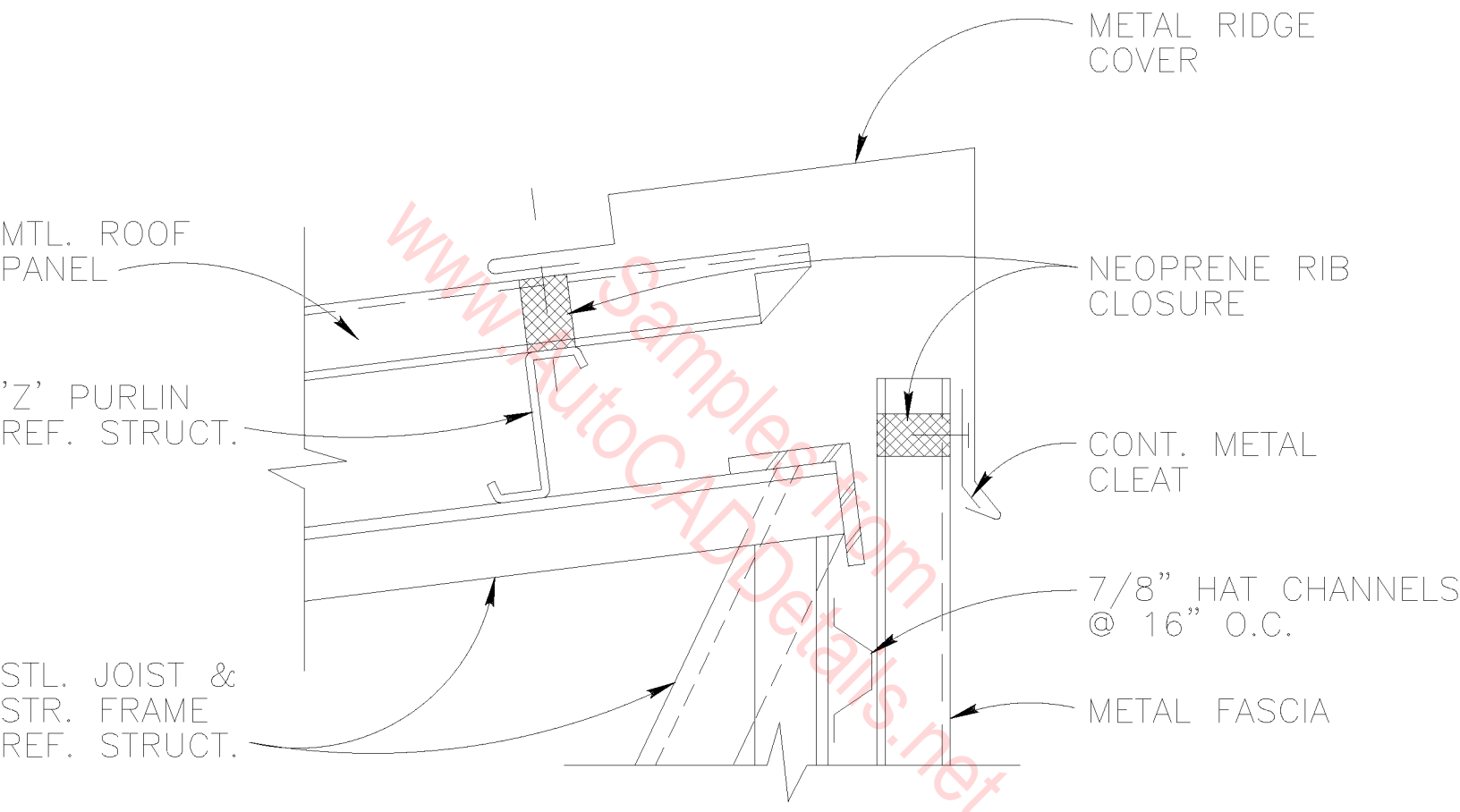
X  
X|X



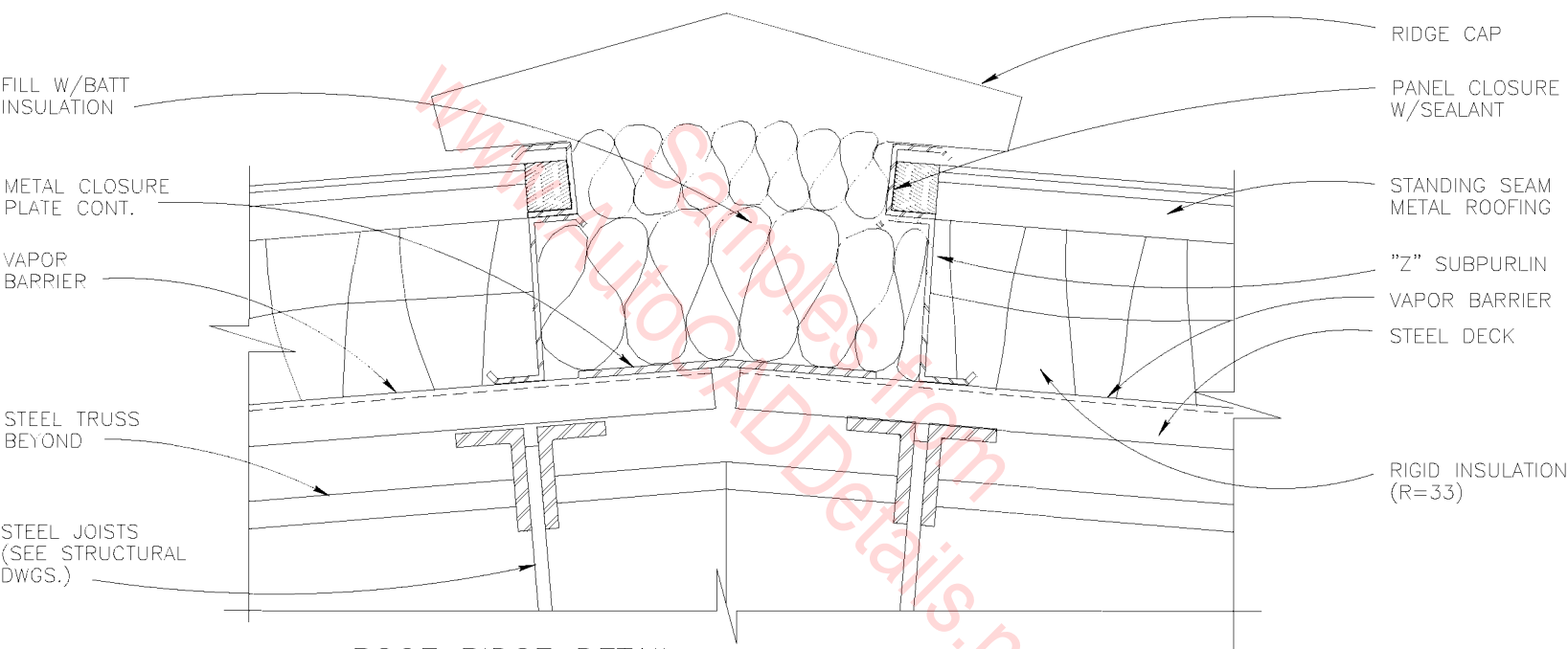
RAKE DETAIL

SCALE : 1 1/2" = 1'-0"





METAL RIDGE COVER DETAIL X  
X|X  
 SCALE : 6"=1'-0"



FILL W/BATT INSULATION

METAL CLOSURE PLATE CONT.

VAPOR BARRIER

STEEL TRUSS BEYOND

STEEL JOISTS (SEE STRUCTURAL DWGS.)

RIDGE CAP

PANEL CLOSURE W/SEALANT

STANDING SEAM METAL ROOFING

"Z" SUBPURLIN

VAPOR BARRIER

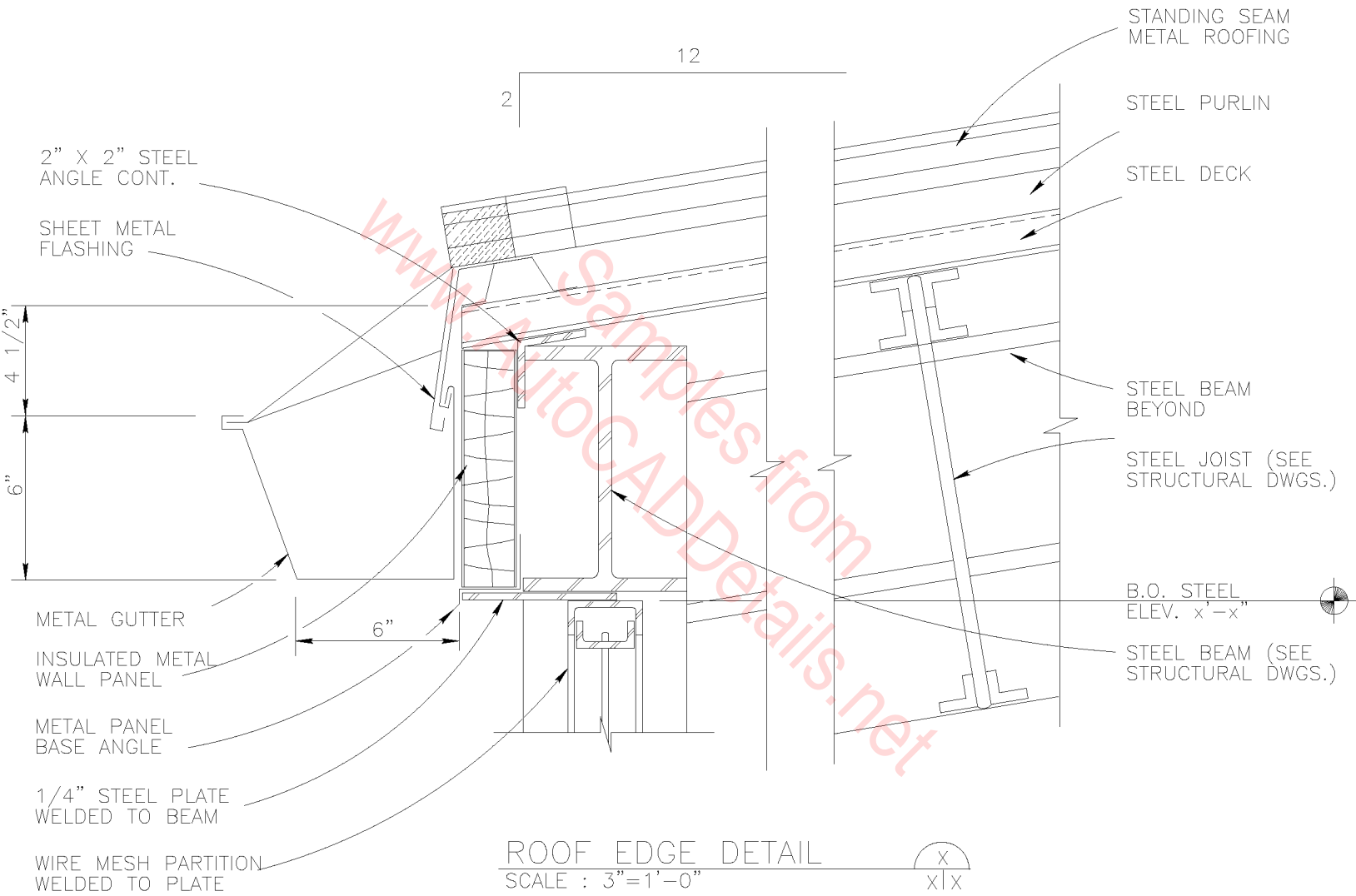
STEEL DECK

RIGID INSULATION (R=33)

ROOF RIDGE DETAIL  
SCALE : 3"=1'-0"

X  
XIX





METAL FASCIA BY  
ROOF MANUF.

2" X 2" X 1/4" STEEL  
ANGLE PANEL SUPPORT

CONT. CLEAT

DRIP

SEALANT

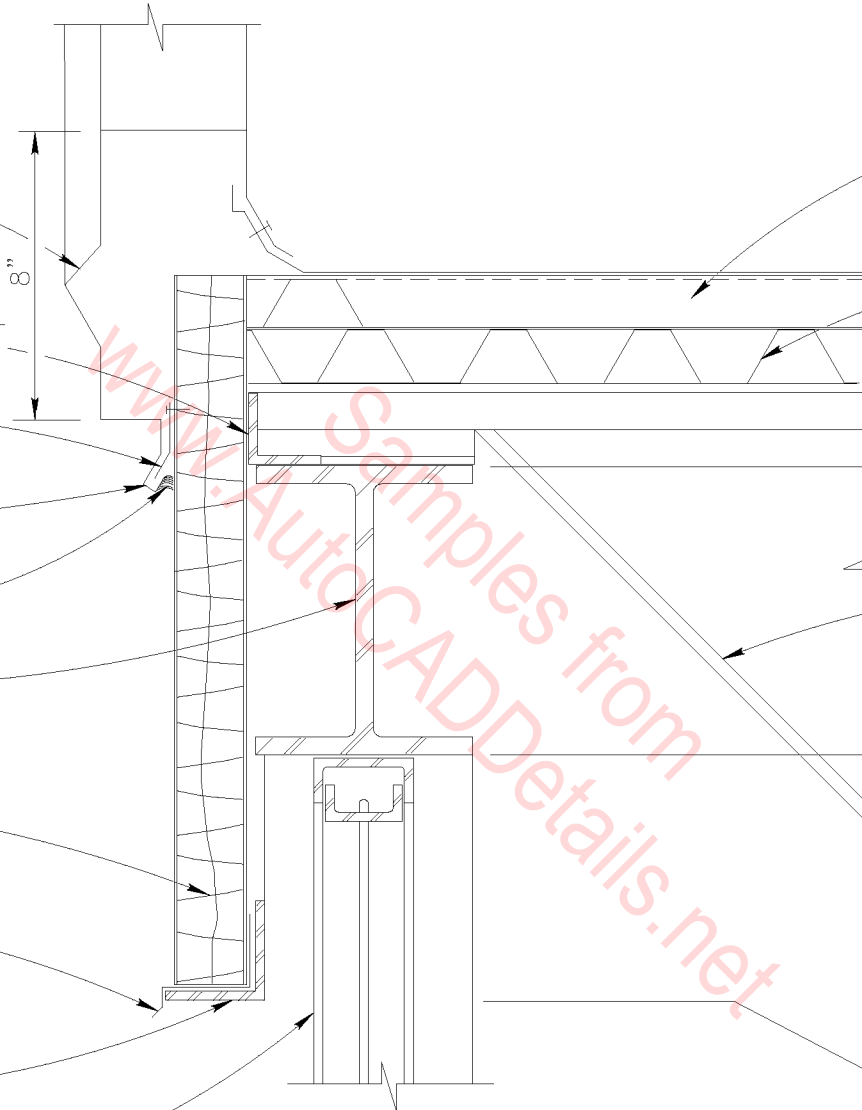
STEEL BEAM

INSULATED METAL  
WALL PANEL

METAL PANEL  
BASE FLASHING

STEEL ANGLE PANEL  
SUPPORT SIZE VARIES  
TO MAINTAIN BOTTOM  
OF PANEL ELEVATION

WIRE MESH PARTITION  
WELDED TO BEAM



STEEL PURLIN

STEEL DECK

T.O. BEAM  
EL. VARIES

STEEL JOISTS

B.O. BEAM  
EL. VARIES

B.O. STEEL  
EL. =

RAKE DETAIL  
SCALE : 3" = 1'-0"

X  
XIX

SIZE AS SHOWN ELSEWHERE

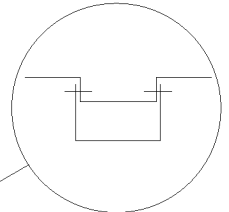
LEAD WASHER

DRILL FOR 1/4" DIA. BOLT IN LEAD EXP. ANCHOR. SEE 4" NOTE.

4"

5/16" X 1/8" SLOTTED HOLE EA. SIDE

SIZE AS SHOWN ELSEWHERE



DOWNPOUT STRAP TWO-PIECE

#14 S.S. SHEET METAL SCREWS- 1 EA. SIDE & FRONT, ALL OPTIONS

DOWNPOUT & SHOE TO BE 16 oz. COPPER, .024" ALUM. OR .012" STAINLESS STEEL

DOWNPOUT STRAPS TO BE 48 oz. COLD ROLLED BRASS, .060" ALUM. OR .050" STAINLESS STL. (SEE SPECS. FOR ALUM. OPTION)

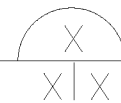
1/4" DIA. X 5/8" BOLT BRASS, ALUM. OR STAINLESS STEEL

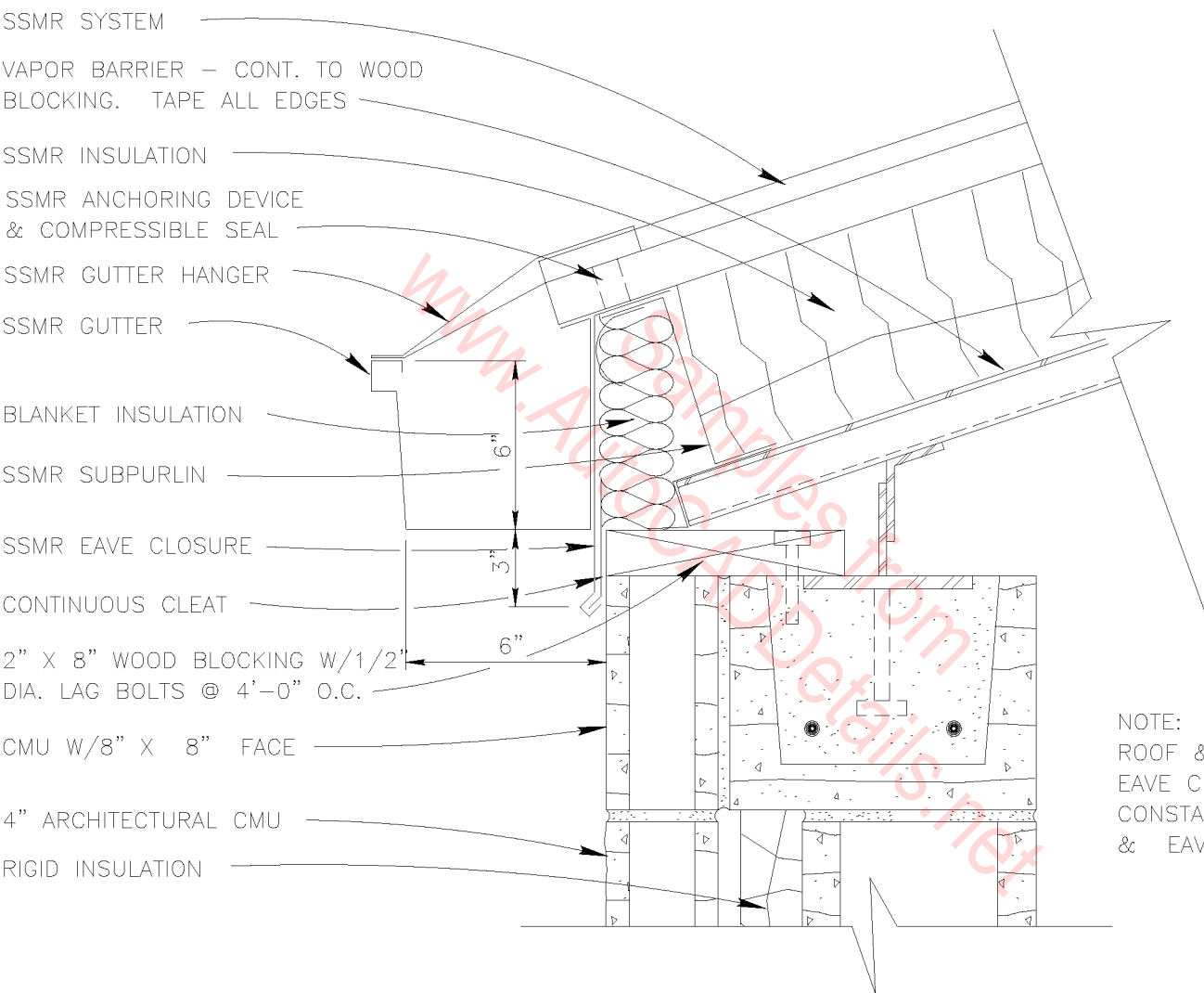
2"  
1"  
1"  
1"  
7" MIN.

NOTE: THIS DETAIL FOR CMU INSTALLATION ONLY. FOLLOW MFR'S. DETAIL FOR ATTACHMENT TO METAL PANEL SIDING OR FASCIA.

### DOWNPOUT STRAP DETAIL

SCALE : 3"=1'-0"

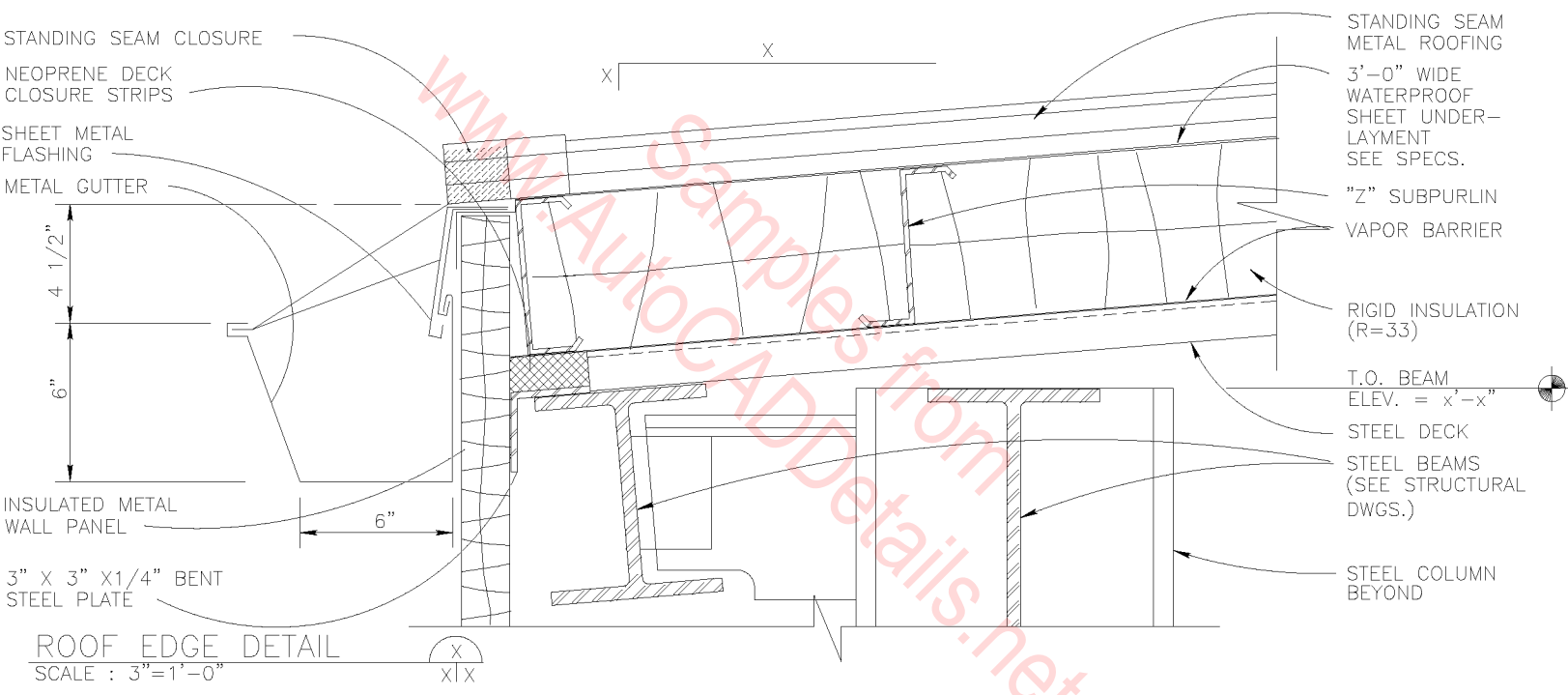


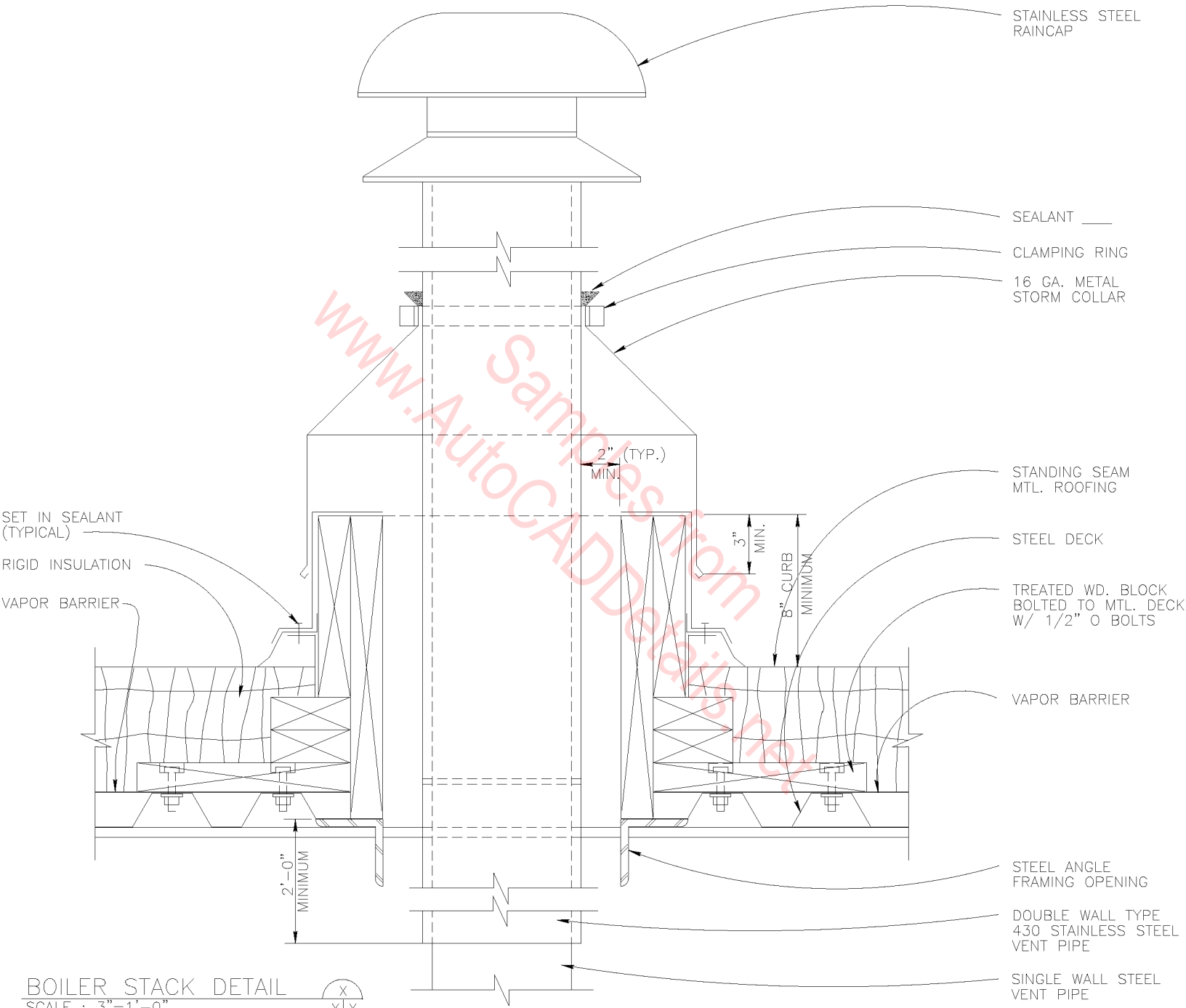


NOTE: DISTANCE BETWEEN SSMR ROOF & BOTTOM OF SSMR EAVE CLOSURE SHALL BE CONSTANT AT BOTH GABLE & EAVE LOCATIONS

EAVE DETAIL  
SCALE : 3"=1'-0"







FLEXIBLE COVER

3'-0" WIDE  
WATERPROOF  
SHEET UNDER-  
LAYMENT  
SEE SPECS.

STANDING SEAM  
METAL ROOFING

RIGID  
INSULATION  
(R=33)

VAPOR  
BARRIER

STEEL DECK

6" X CONTINUOUS SHEET  
METAL CLOSURE FASTEN  
TO ONE SIDE ONLY  
COORDINATE W/STRUC-  
TURAL ANGLES,JOIST,ETC.

EPDM ADHERED  
TO CLIP

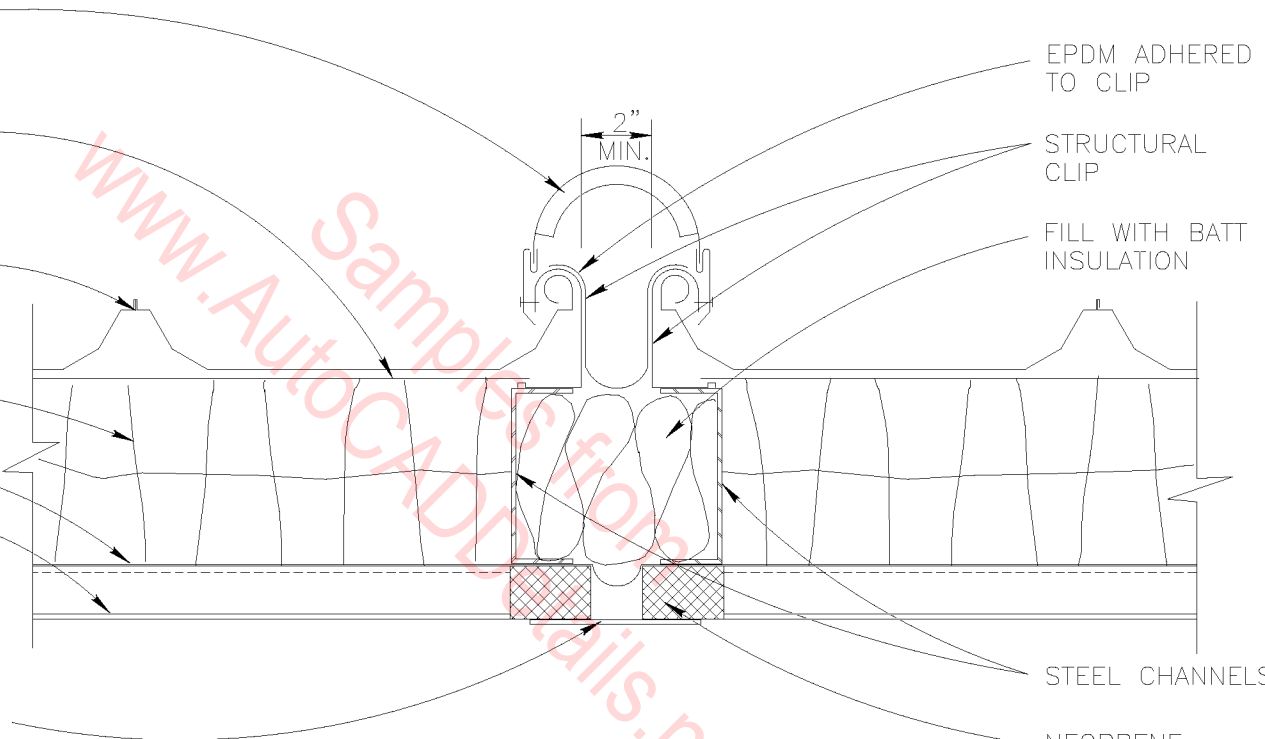
STRUCTURAL  
CLIP

FILL WITH BATT  
INSULATION

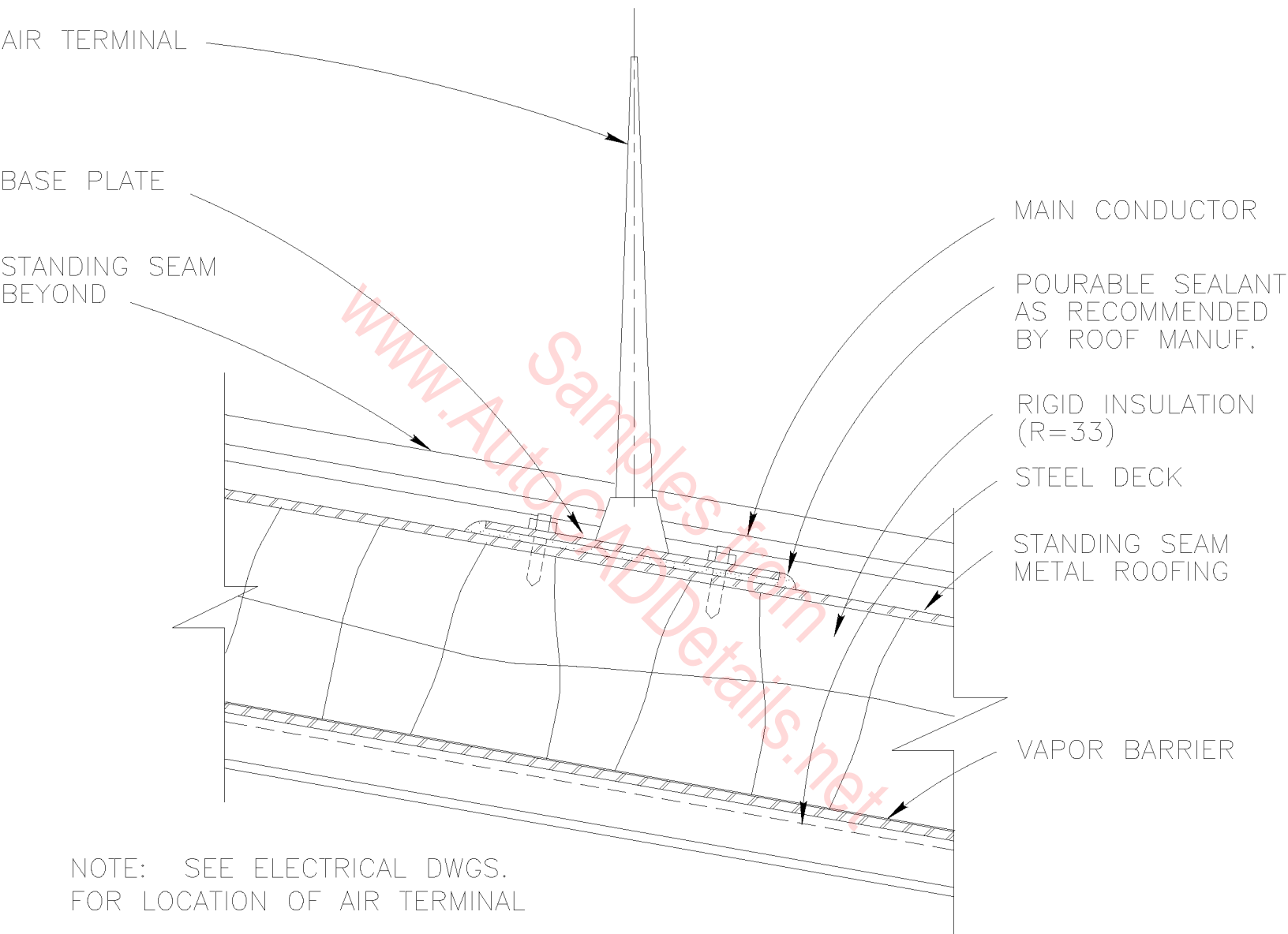
STEEL CHANNELS

NEOPRENE  
DECK CLOSURE  
STRIPS

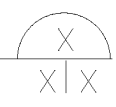
2"  
MIN.



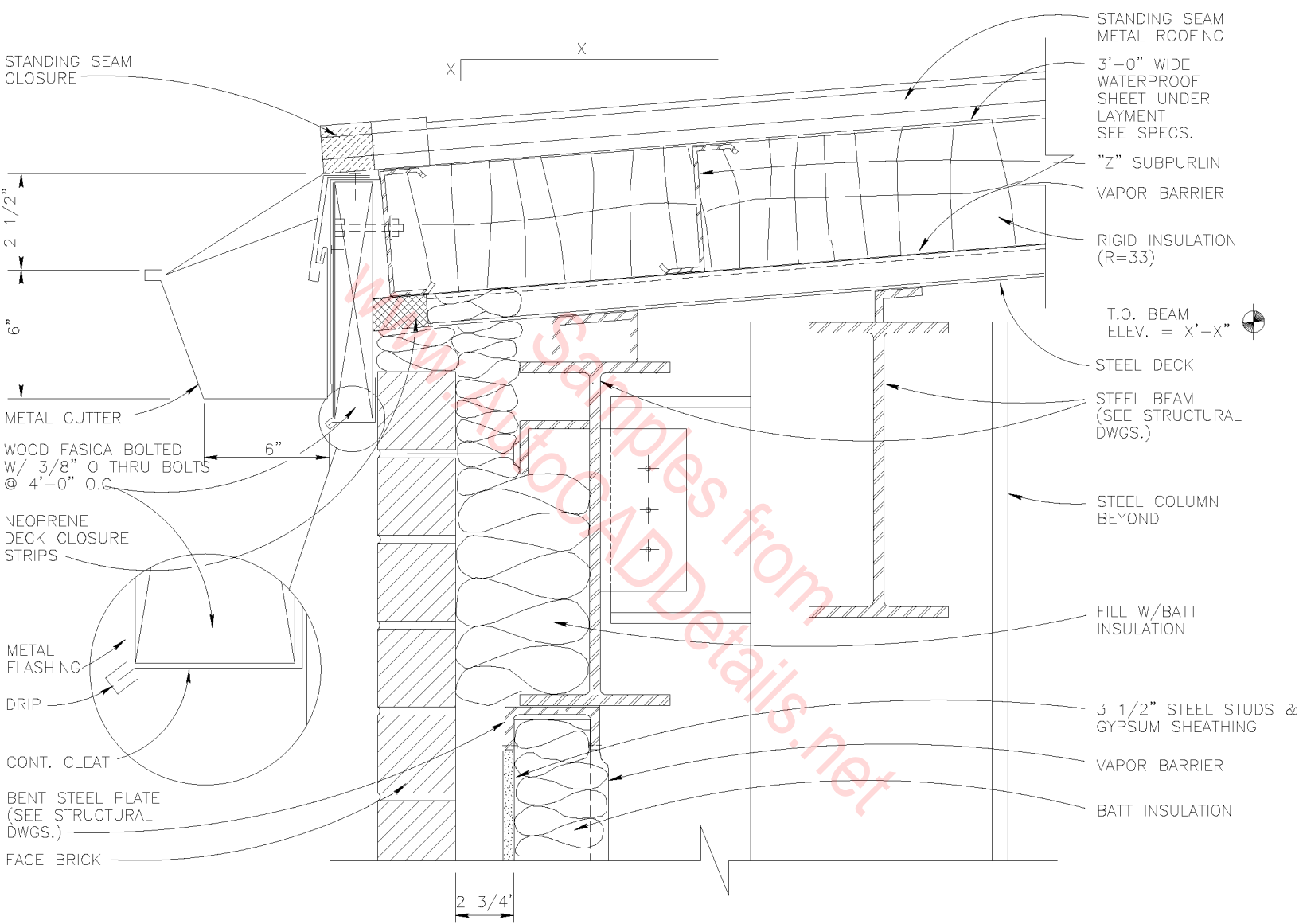
EXPANSION JOINT DETAIL X  
X  
SCALE : 3"=1'-0"



LIGHTNING PROTECTION—AIR TERMINAL  
 SCALE : 3"=1'-0"



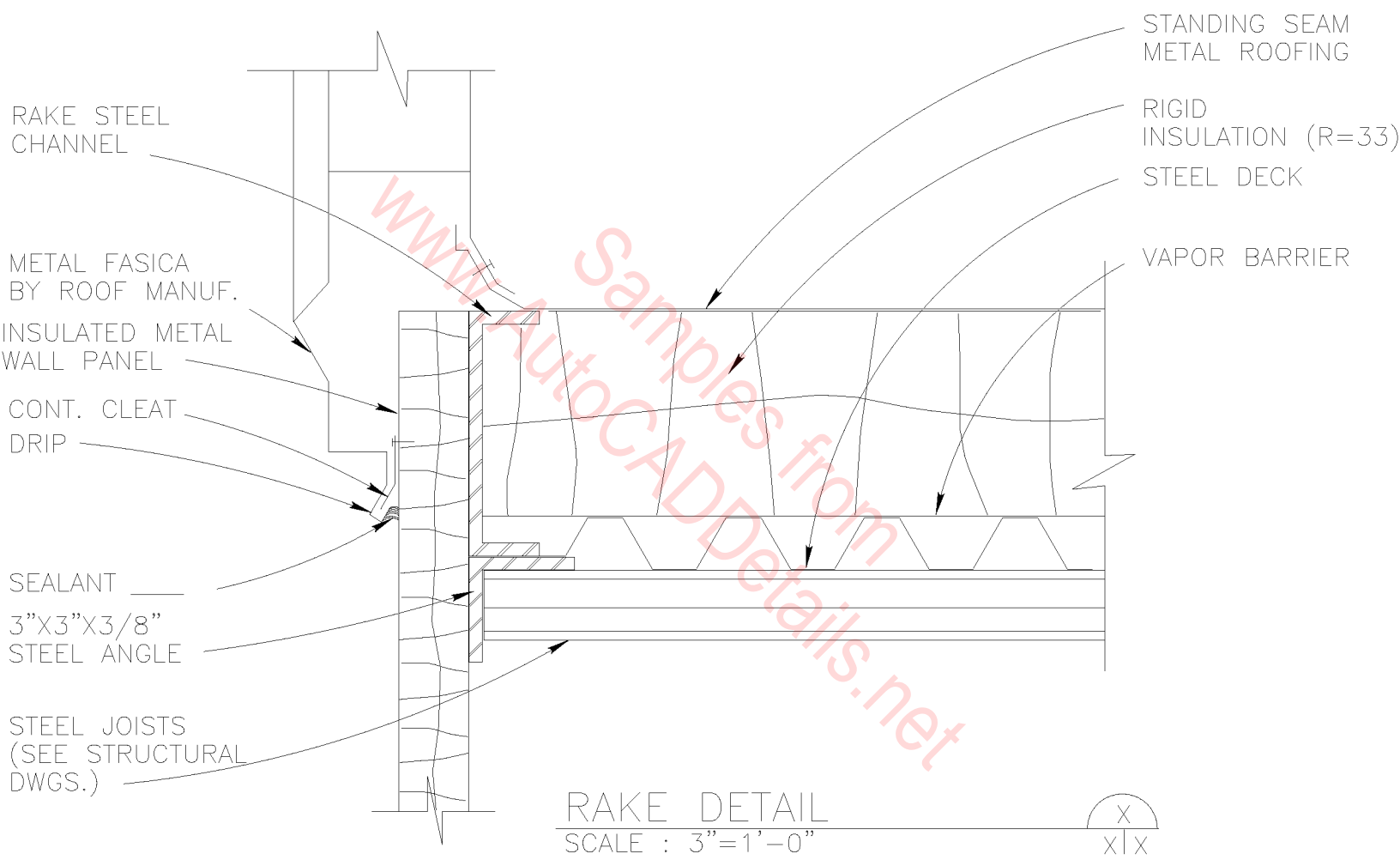


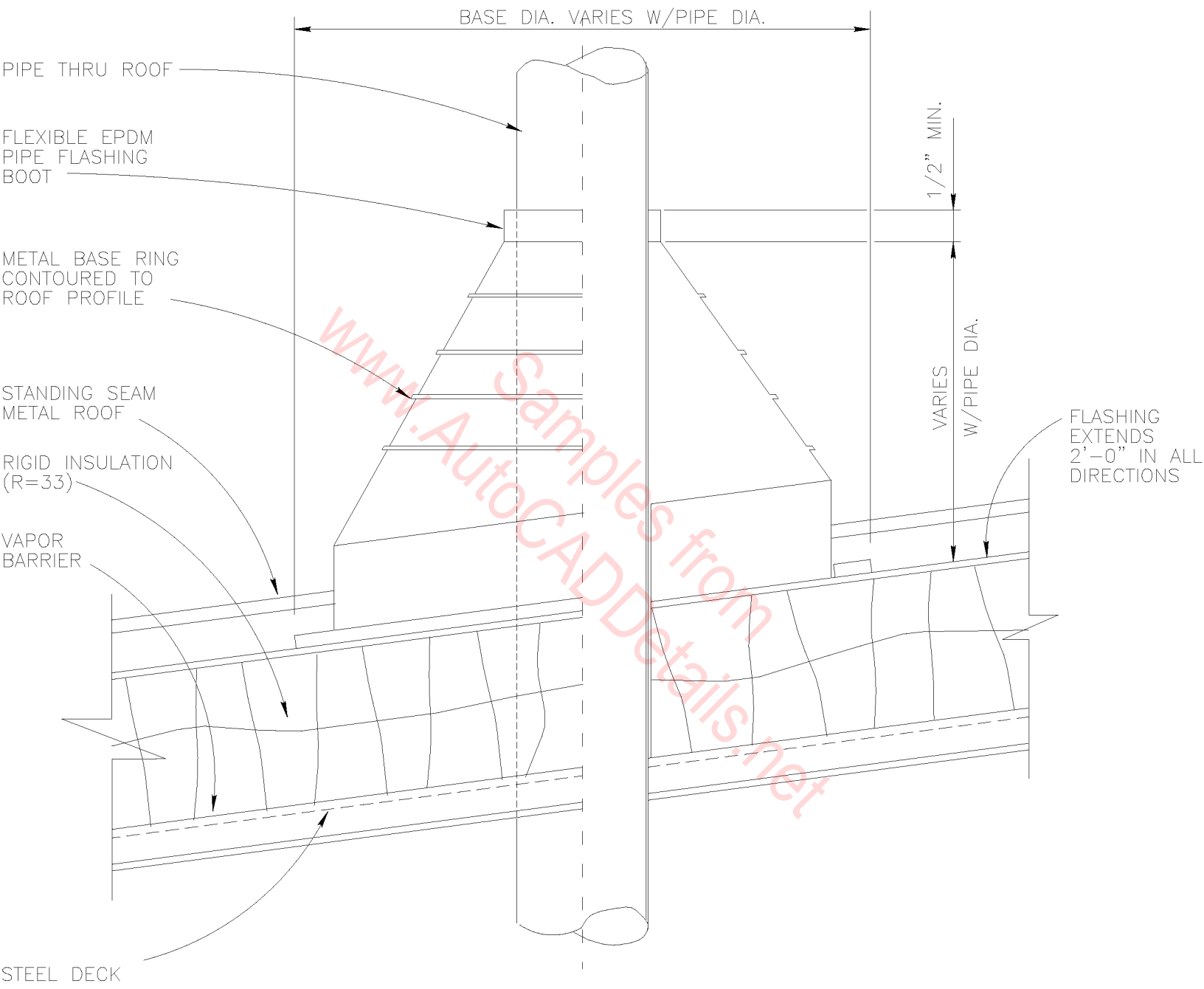


ROOF EDGE DETAIL

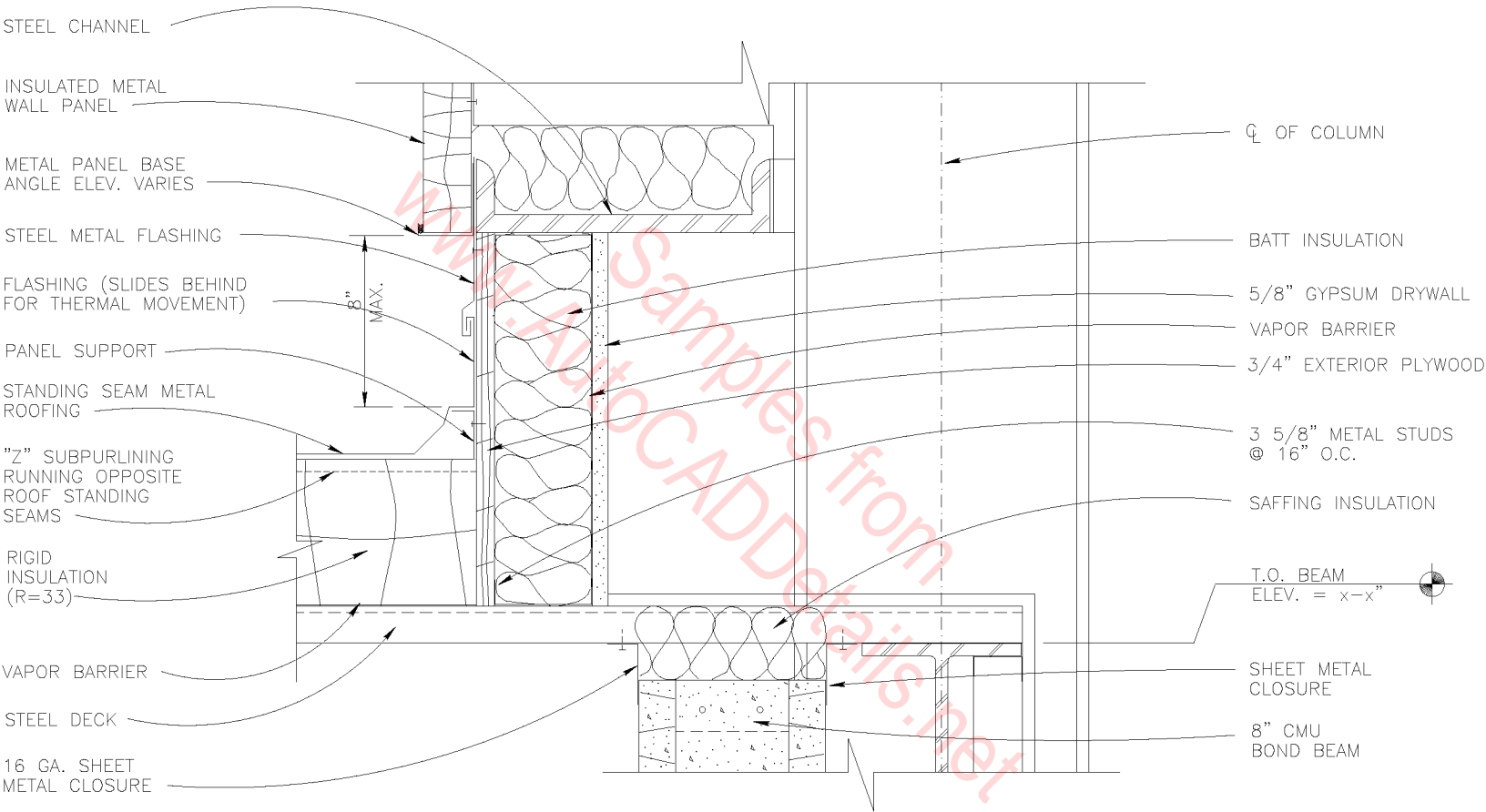
SCALE : 3"=1'-0"







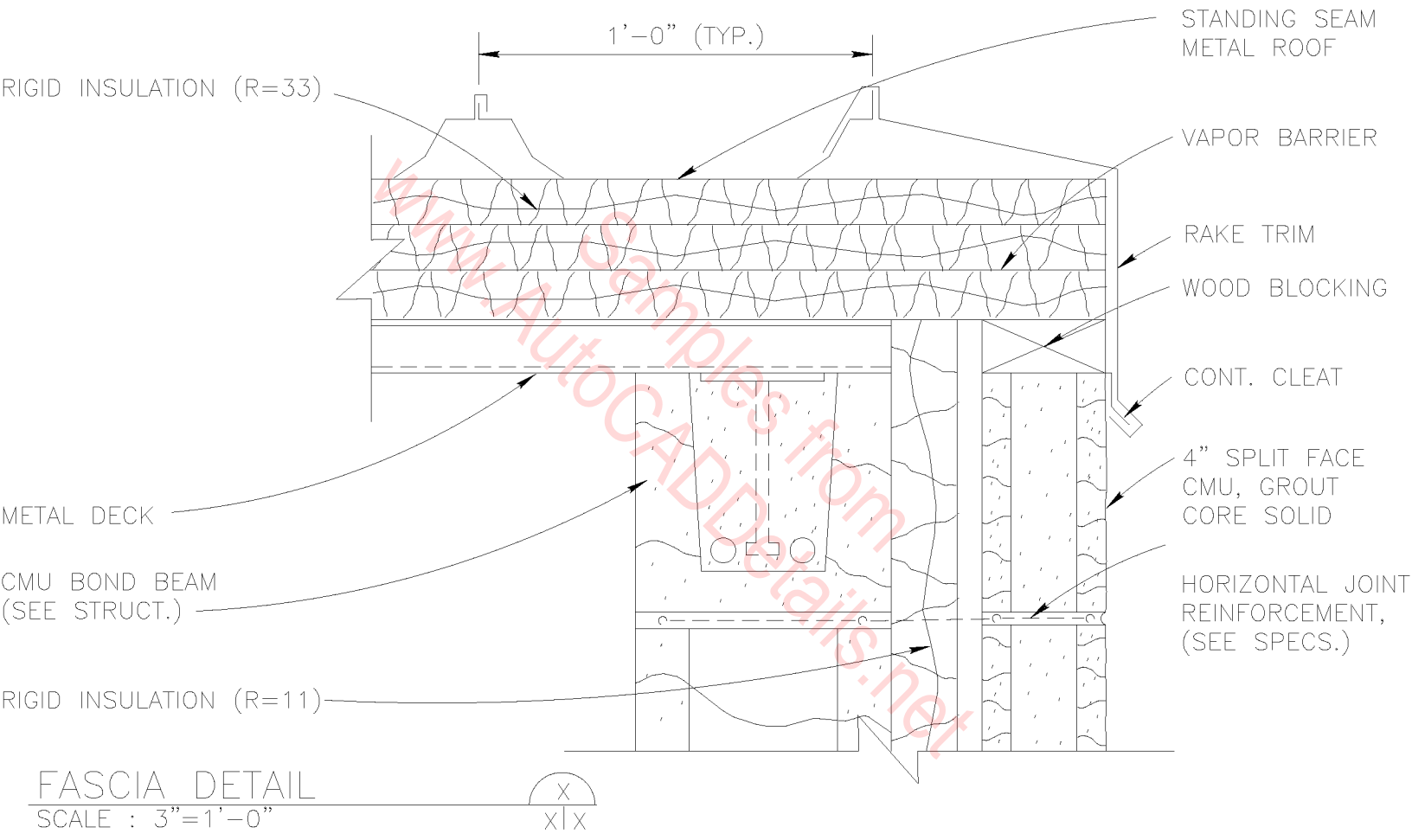
PLUMBING VENT DETAIL  $\frac{x}{x|x}$   
 SCALE : 3"=1'-0"



ROOF DETAIL

SCALE : 3"=1'-0"

X  
X



2x2x1/4 CONT.  
ANGLE HOLD TO  
UP-ROOF END OF  
CLIP ANGLES

2x2x1/4x6" LONG CLIP  
ANGLE W/LEG UPWARD  
ANGLE BOT LEG 1/2"  
OFF MET ROOFING

ANCHOR POINTS NOT  
TO EXCEED 48" O.C.

NEOPRENE FABRIC  
BETWEEN ANGLES &  
STANDING RIB SEAMS

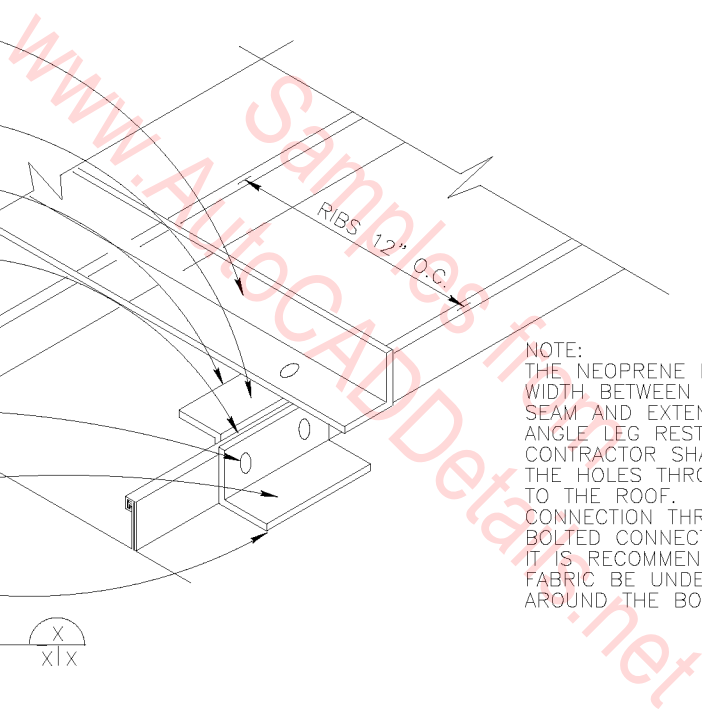
STANDING RIB  
SEAM (TYP)

3/8" STAINLESS STEEL  
BOLTS W/ STAINLESS  
STEEL LOCK WASHERS

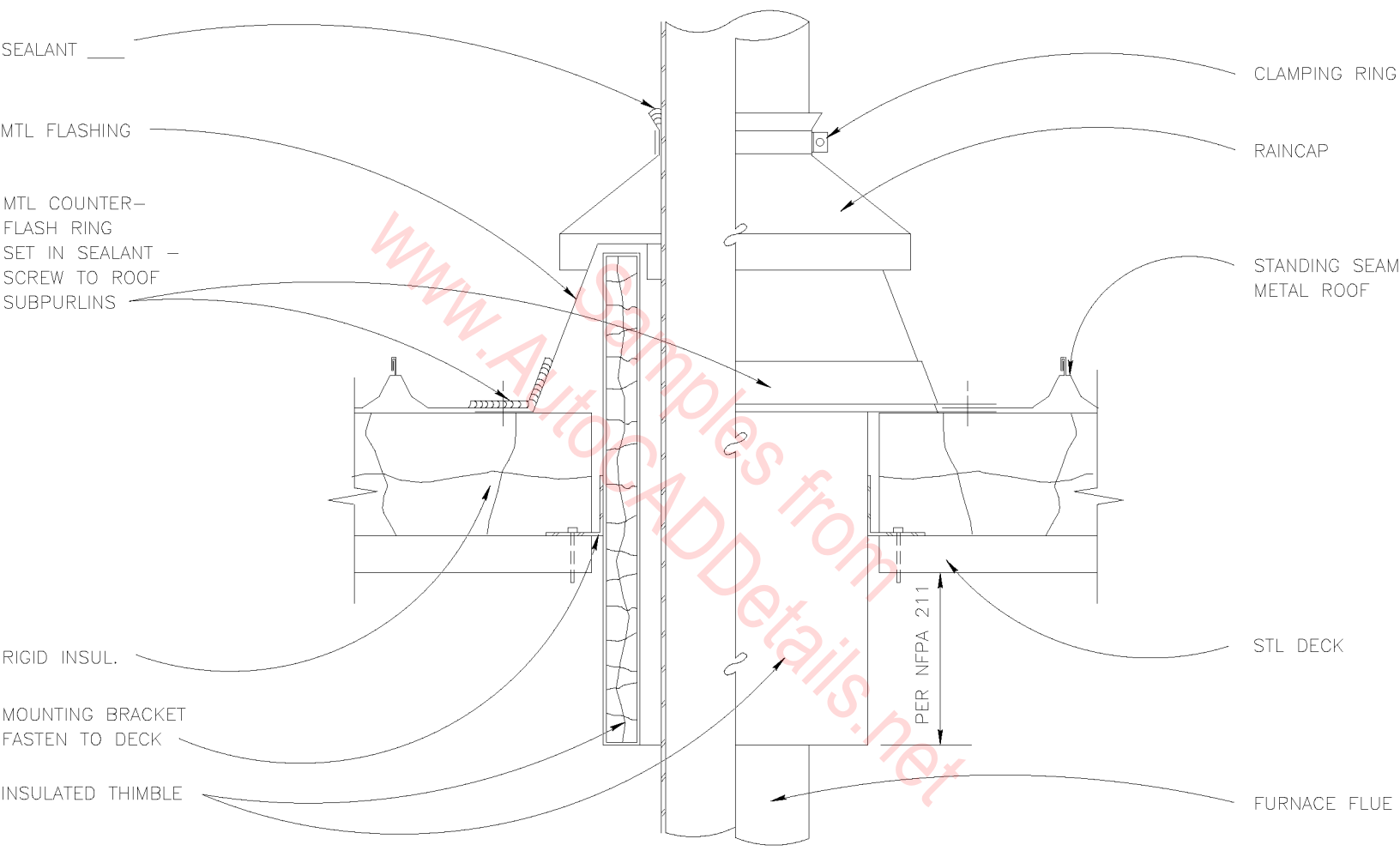
2x2x6" LONG ANGLE  
W/ LEG DOWN &  
RESTING ON MET ROOFING

EASE EDGES OF DOWNLEG  
ANGLES AND EXTEND  
NEOPRENE DOWN RIB  
& COMPLETELY UNDER DOWNLEG

SNOWGUARD DETAIL  
N.T.S.



NOTE:  
THE NEOPRENE FABRIC SHALL BE PLACED THE FULL  
WIDTH BETWEEN THE ANGLES AND THE STANDING RIB  
SEAM AND EXTENDED UNDER THE FULL WIDTH OF THE  
ANGLE LEG RESTING ON THE ROOF PANEL. THE  
CONTRACTOR SHALL USE EXTREME CARE IN DRILLING  
THE HOLES THROUGH THE SEAM TO AVOID ANY DAMAGE  
TO THE ROOF. THE CONTRACTOR SHALL INSPECT EACH  
CONNECTION THROUGH THE ROOF SEAM TO INSURE THE  
BOLTED CONNECTION IS WATERTIGHT AND FIRMLY SECURED.  
IT IS RECOMMENDED THAT THE HOLE THROUGH THE NEOPRENE  
FABRIC BE UNDERSIZED TO PROVIDE A POSITIVE SEAL  
AROUND THE BOLTED CONNECTION.



FURNACE FLUE DETAIL  $\frac{X}{X}$   
 SCALE : 3" = 1'-0"

FLEXIBLE TUBING,  
DIA. 1 1/2 TIMES  
WIDTH OF JOINT

HOT WELD

LAP EDGE  
SEALANT

ROOFING  
MEMBRANE

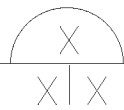
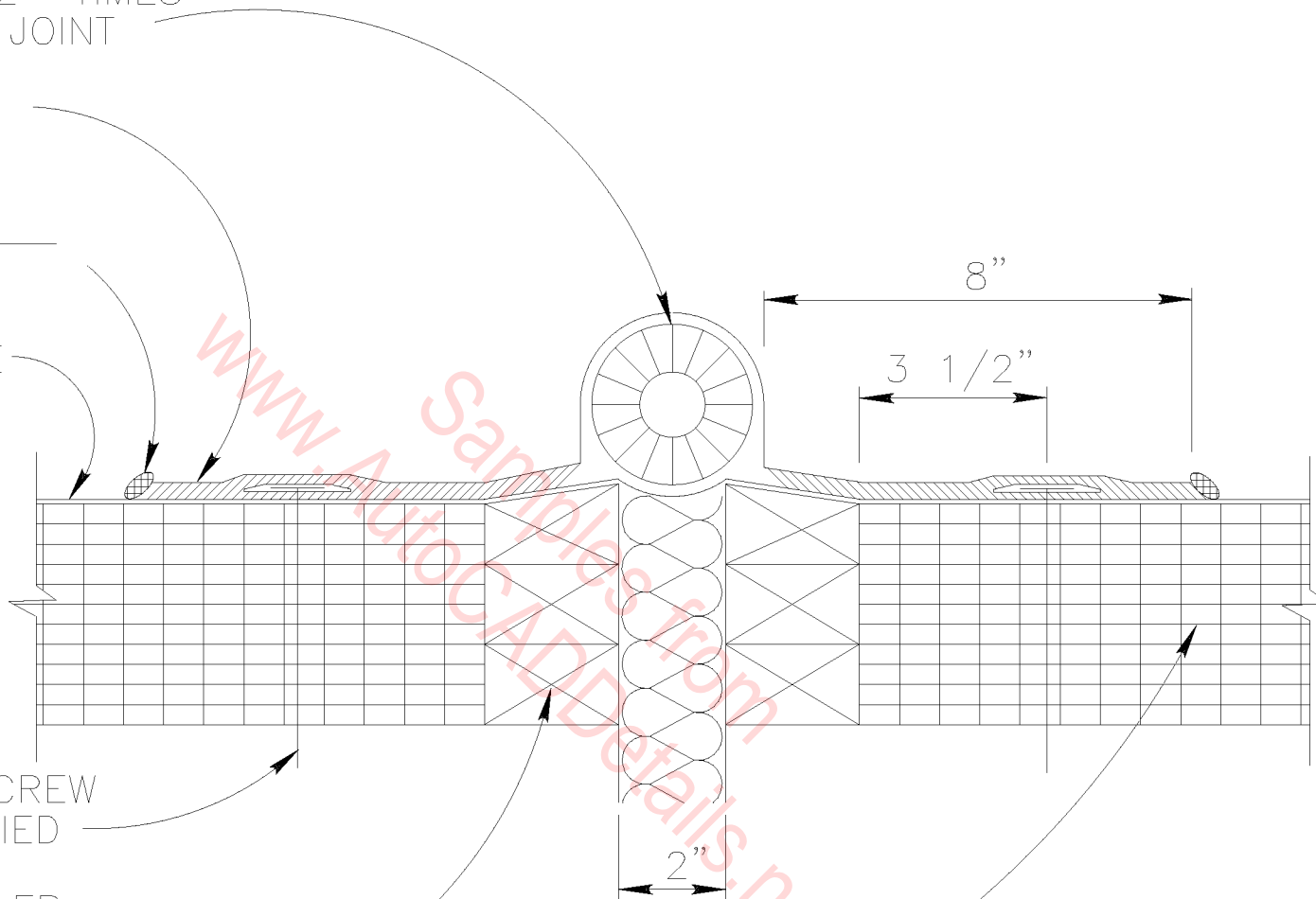
DISK & SCREW  
AS SPECIFIED

WOOD NAILER  
SECURE TO DECK  
W/ 3/8" FASTENERS  
@ 24" O.C.

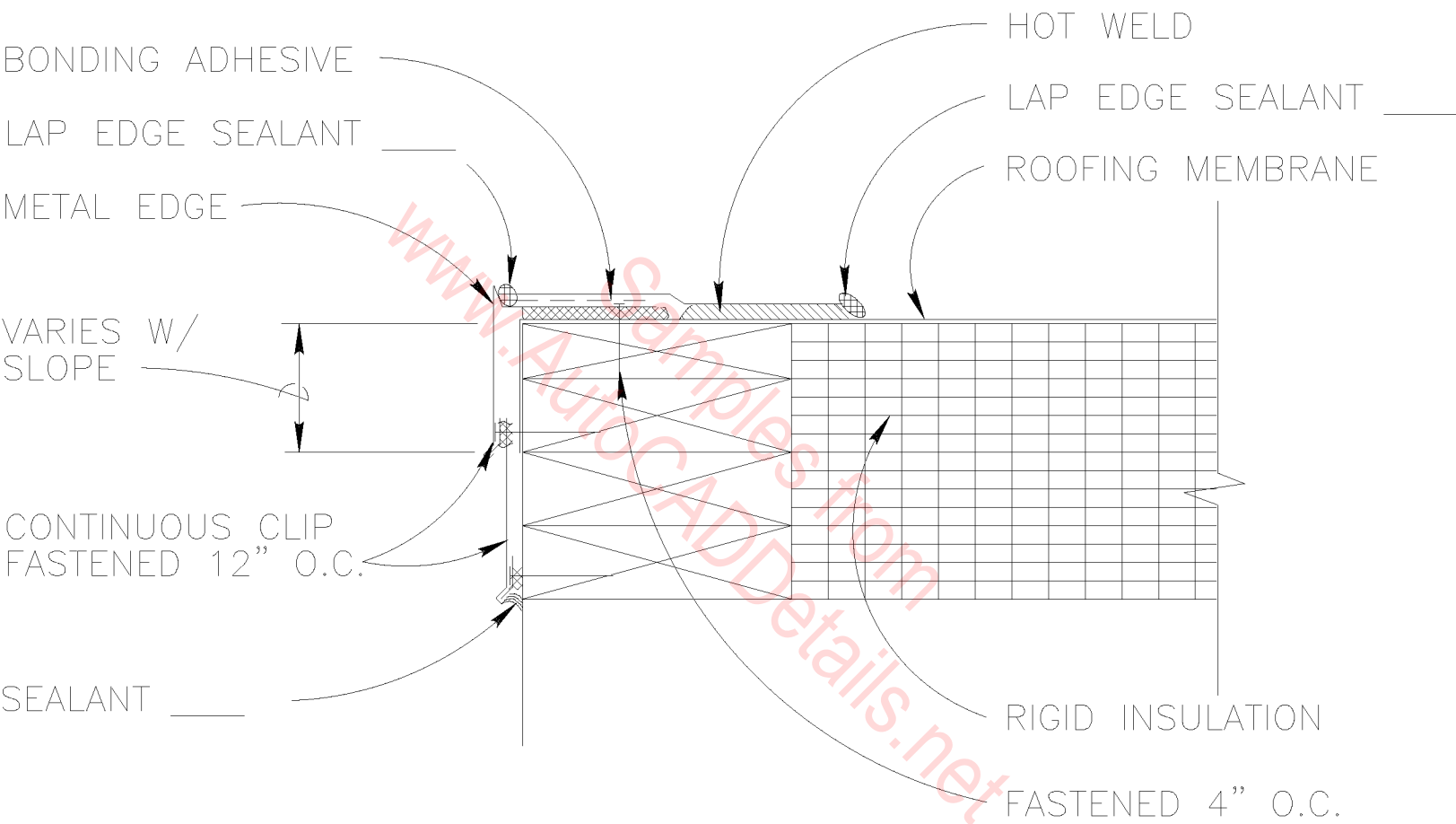
RIGID INSULATION

# EXPANSION JOINT

SCALE : 3" = 1'-0"

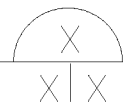






EDGE DETAIL

SCALE : 3" = 1'-0"



LAP EDGE SEALANT

BONDING ADHESIVE

DISK AND SCREW AS SPECIFIED

RIGID INSUL.

STAINLESS STEEL BAND CLAMP

8"

ROOFING MEMBRANE

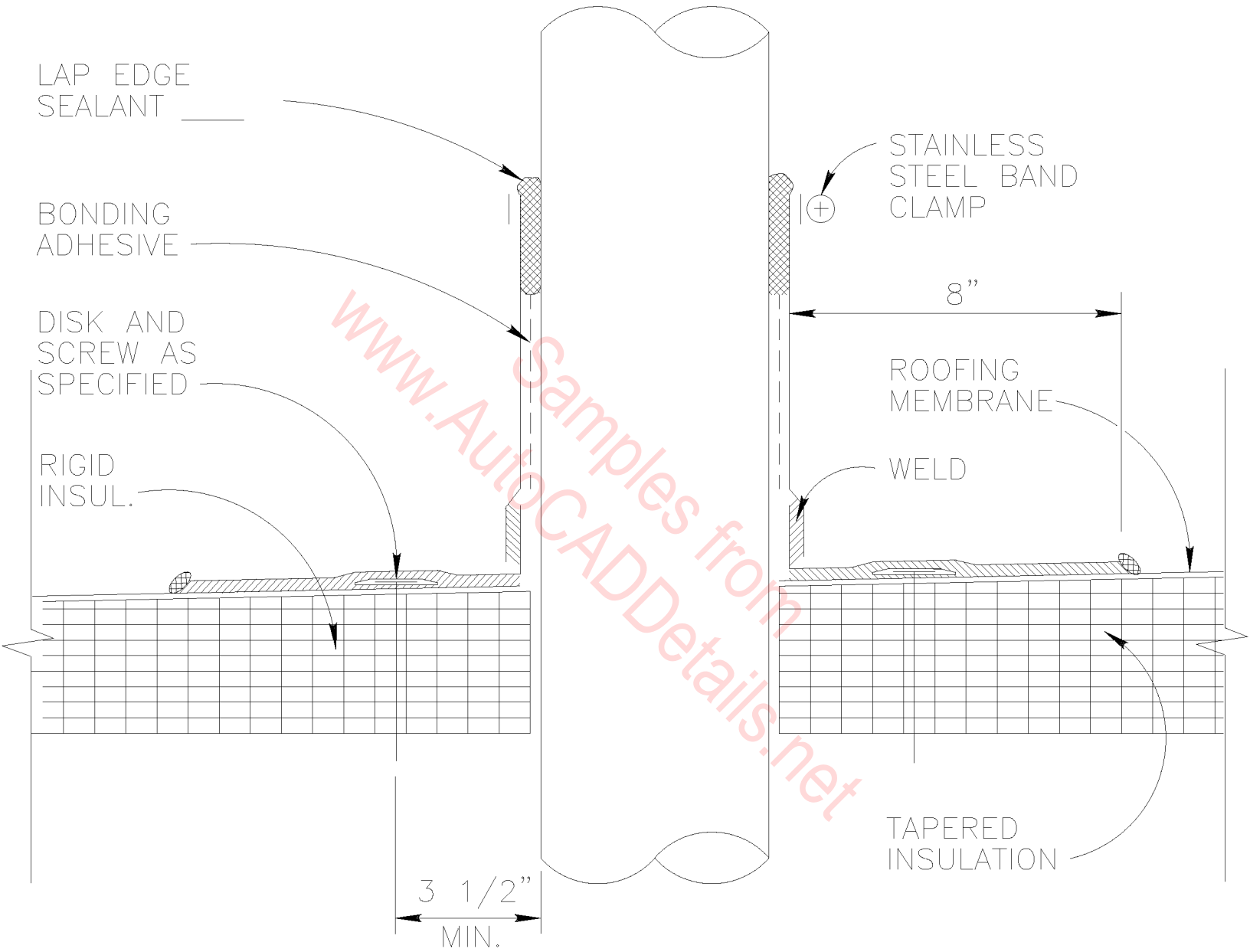
WELD

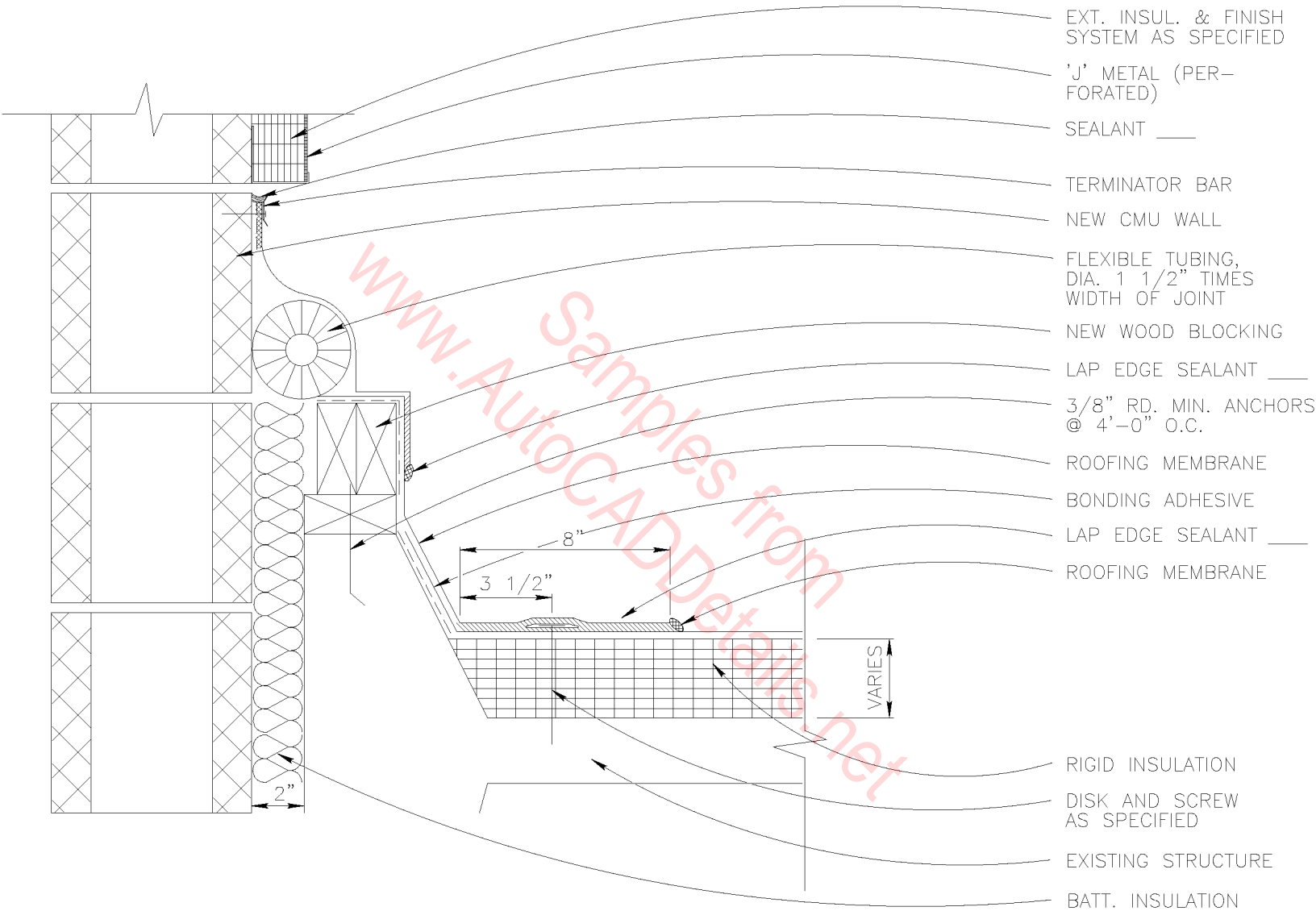
TAPERED INSULATION

3 1/2"  
MIN.

VENT STACK  
SCALE : 3" = 1'-0"

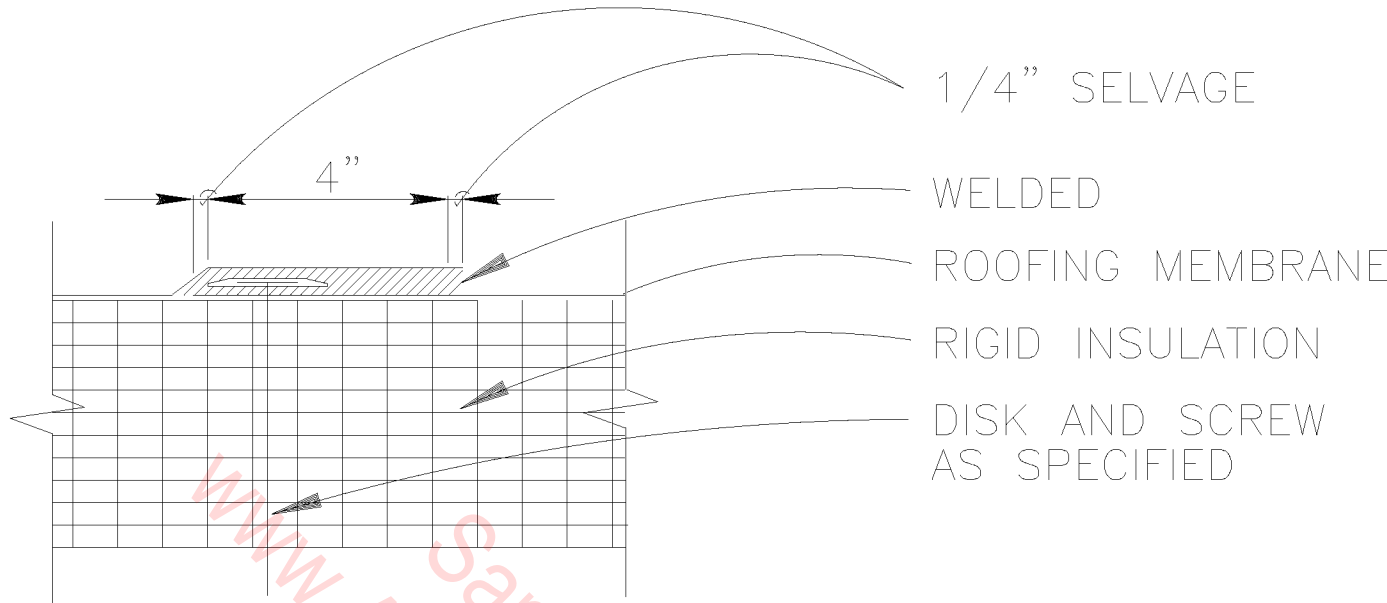
X  
X|X





- EXT. INSUL. & FINISH SYSTEM AS SPECIFIED
- 'J' METAL (PERFORATED)
- SEALANT \_\_\_\_\_
- TERMINATOR BAR
- NEW CMU WALL
- FLEXIBLE TUBING, DIA. 1 1/2" TIMES WIDTH OF JOINT
- NEW WOOD BLOCKING
- LAP EDGE SEALANT \_\_\_\_\_
- 3/8" RD. MIN. ANCHORS @ 4'-0" O.C.
- ROOFING MEMBRANE
- BONDING ADHESIVE
- LAP EDGE SEALANT \_\_\_\_\_
- ROOFING MEMBRANE
- RIGID INSULATION
- DISK AND SCREW AS SPECIFIED
- EXISTING STRUCTURE
- BATT. INSULATION

EXPANSION JOINT  
 SCALE : 3" = 1'-0" X  
X



1/4" SELVAGE

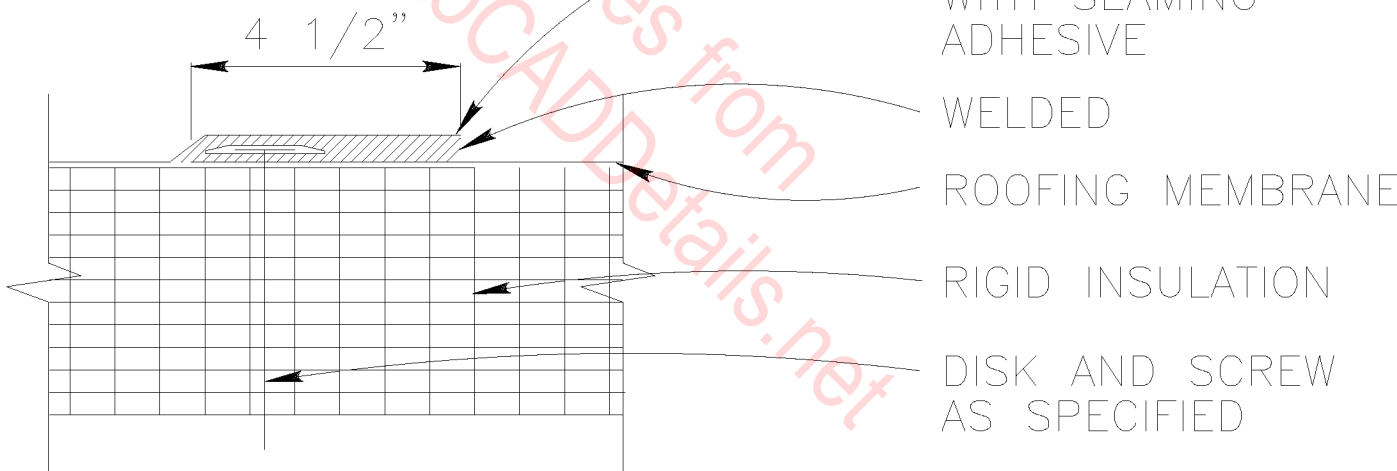
WELDED

ROOFING MEMBRANE

RIGID INSULATION

DISK AND SCREW  
AS SPECIFIED

LAP SEAM



SEAL ALL NON-  
FACTORY EDGES  
WITH SEAMING  
ADHESIVE

WELDED

ROOFING MEMBRANE

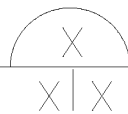
RIGID INSULATION

DISK AND SCREW  
AS SPECIFIED

LAP SPLICE (NO SELVAGE)

SEAM LAP DETAIL

SCALE : 3" = 1'-0"



BONDING  
ADHESIVE

LAP EDGE  
SEALANT

METAL EDGE

CONTINUOUS  
CLIP FAST-  
ENED 12" O.C.

GUTTER  
STRAP

1"  
3/4"  
3"

1 1/2"

5"

GUTTER

HOT WELD

LAP EDGE  
SEALANT

ROOFING  
MEMBRANE

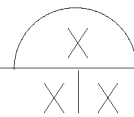
TAPERED  
INSULATION

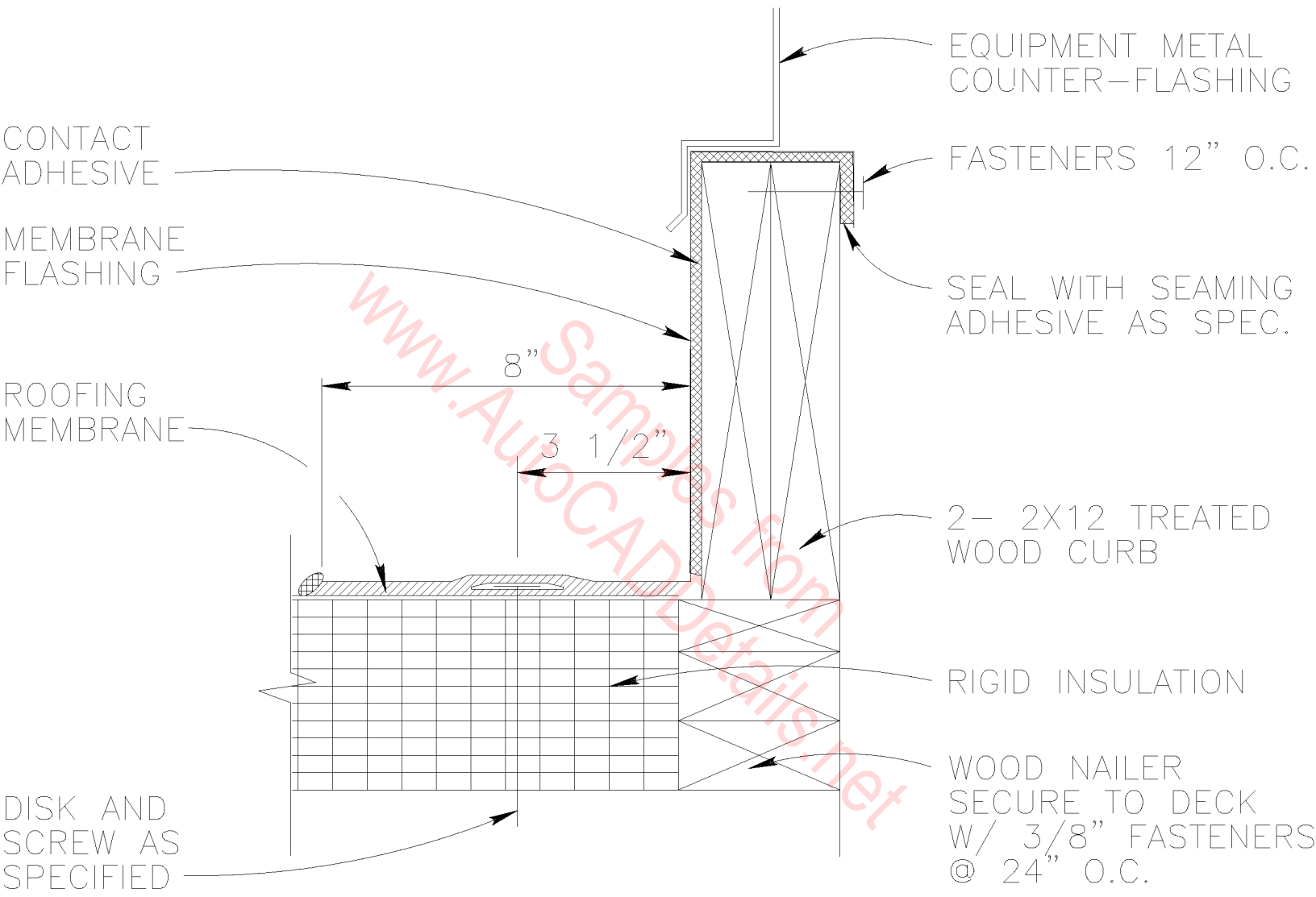
RIGID  
INSULATION

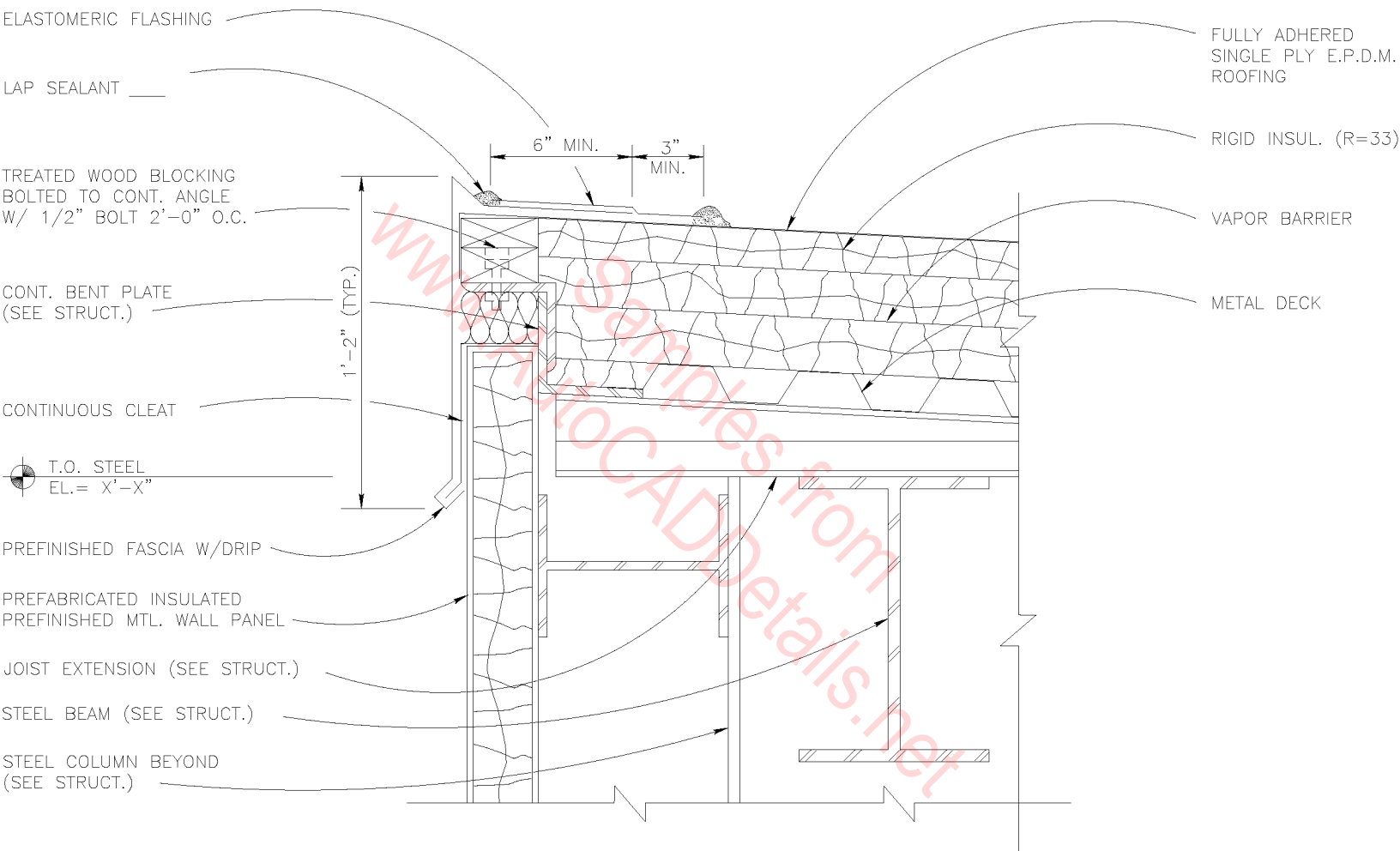
FASTENED  
4" O.C.

# GUTTER DETAIL

SCALE : 3" = 1'-0"



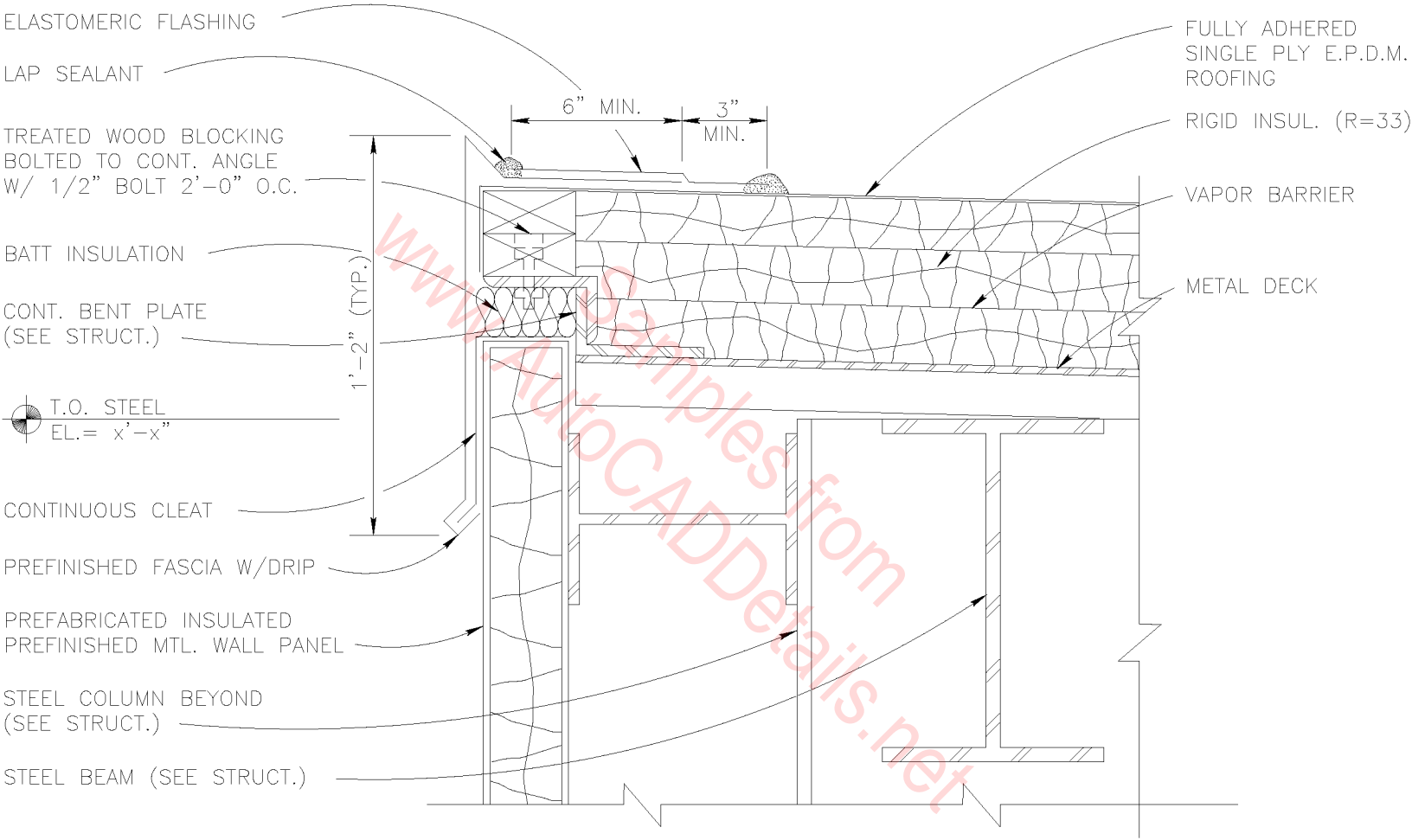




ROOF EDGE DETAIL

SCALE : 3"=1'-0"

X  
XIX

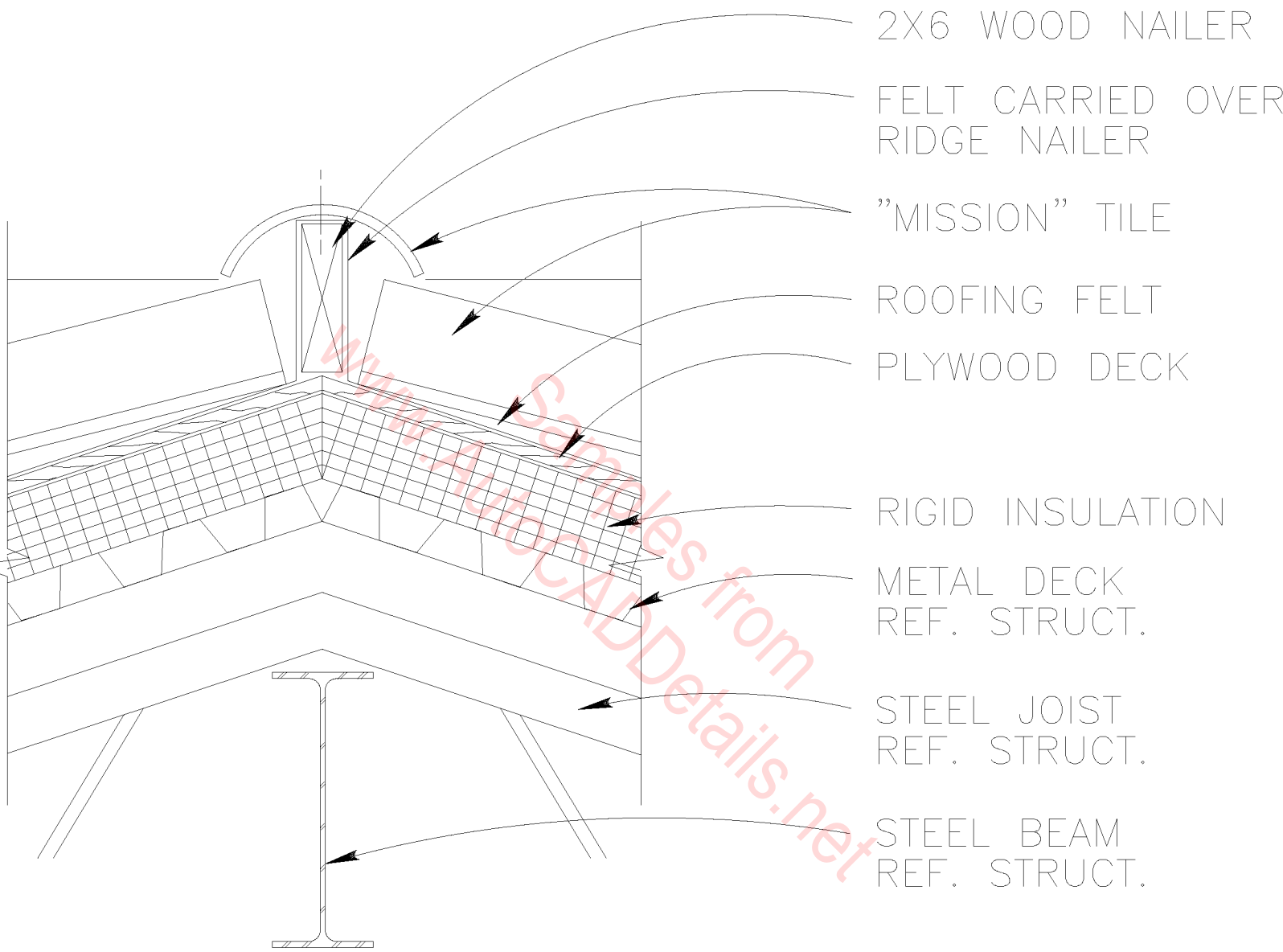


ROOF EDGE DETAIL

SCALE : 3"=1'-0"

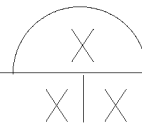






# RIDGE DETAIL

SCALE : 1 1/2" = 1'-0"



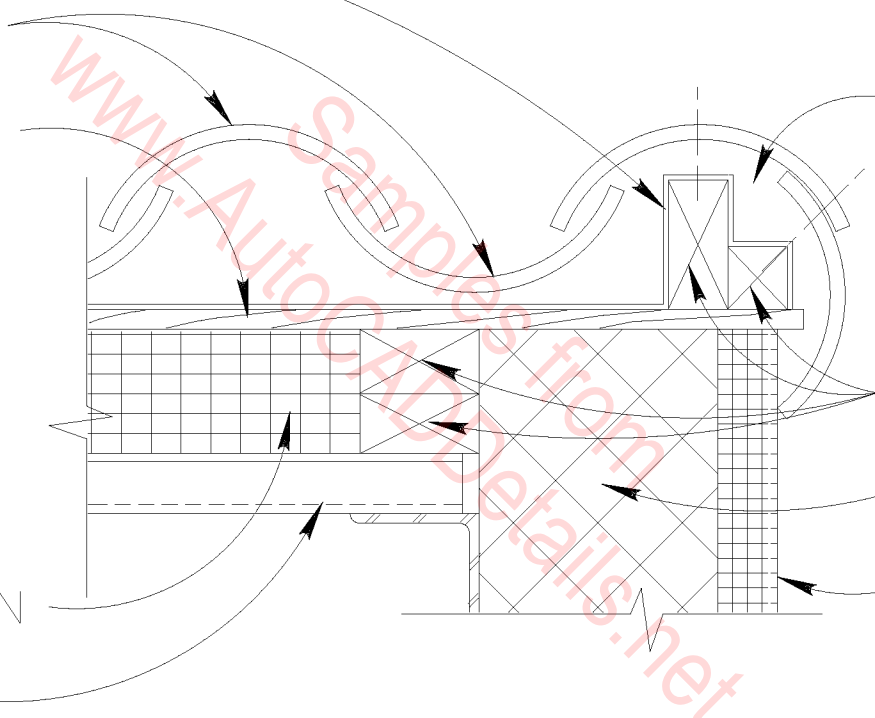
FELT CARRIED  
OVER WOOD  
NAILERS

"MISSION" TILE

PLYWOOD DECK

RIGID INSULATION

METAL DECK



MORTAR

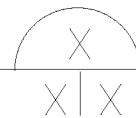
WOOD NAILERS

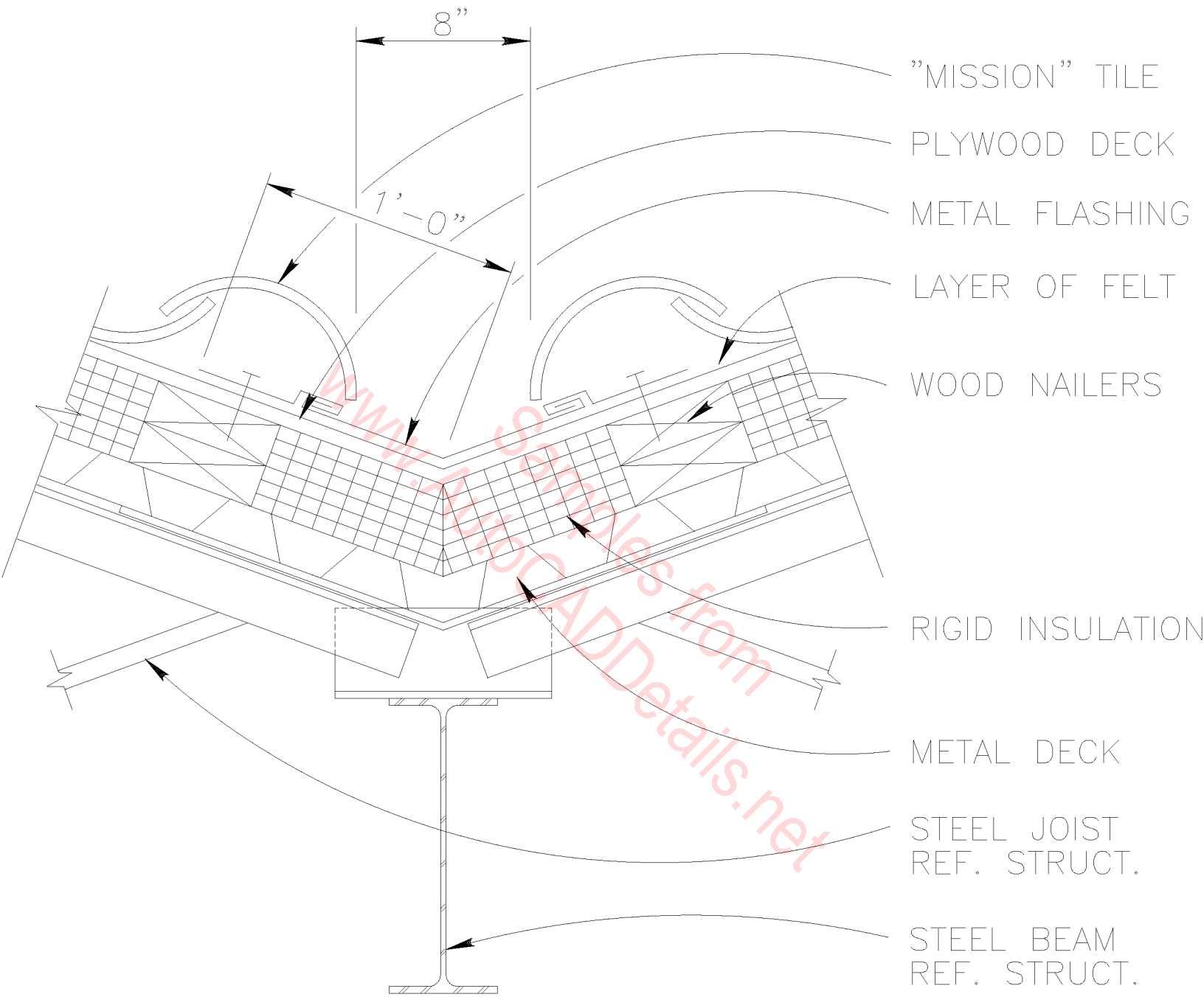
CMU WALL

EXT. INSUL. &  
FINISH SYSTEM

# RAKE DETAIL

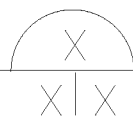
SCALE : 1 1/2" = 1'-0"

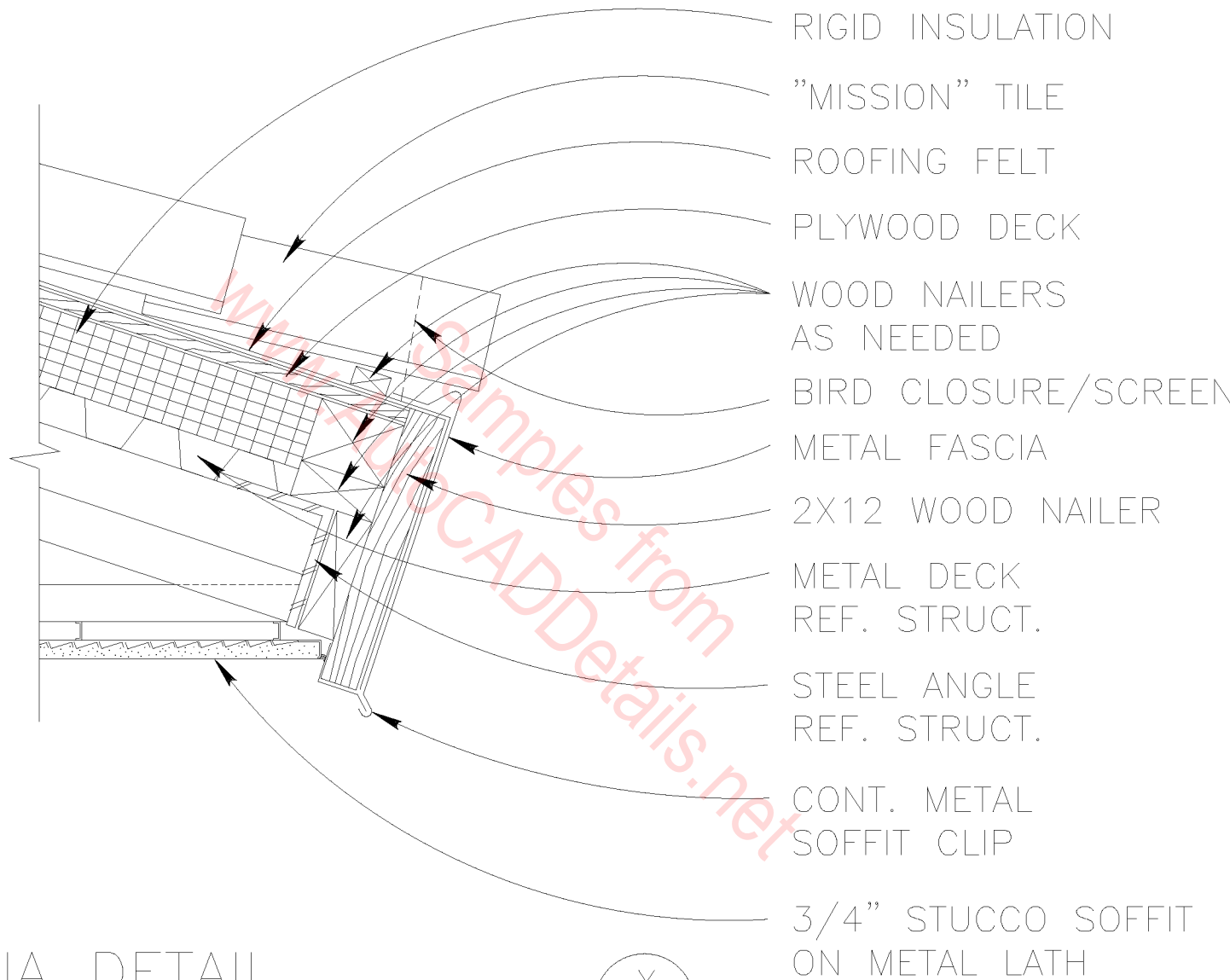




VALLEY DETAIL

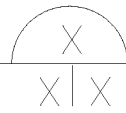
SCALE : 1 1/2" = 1'-0"

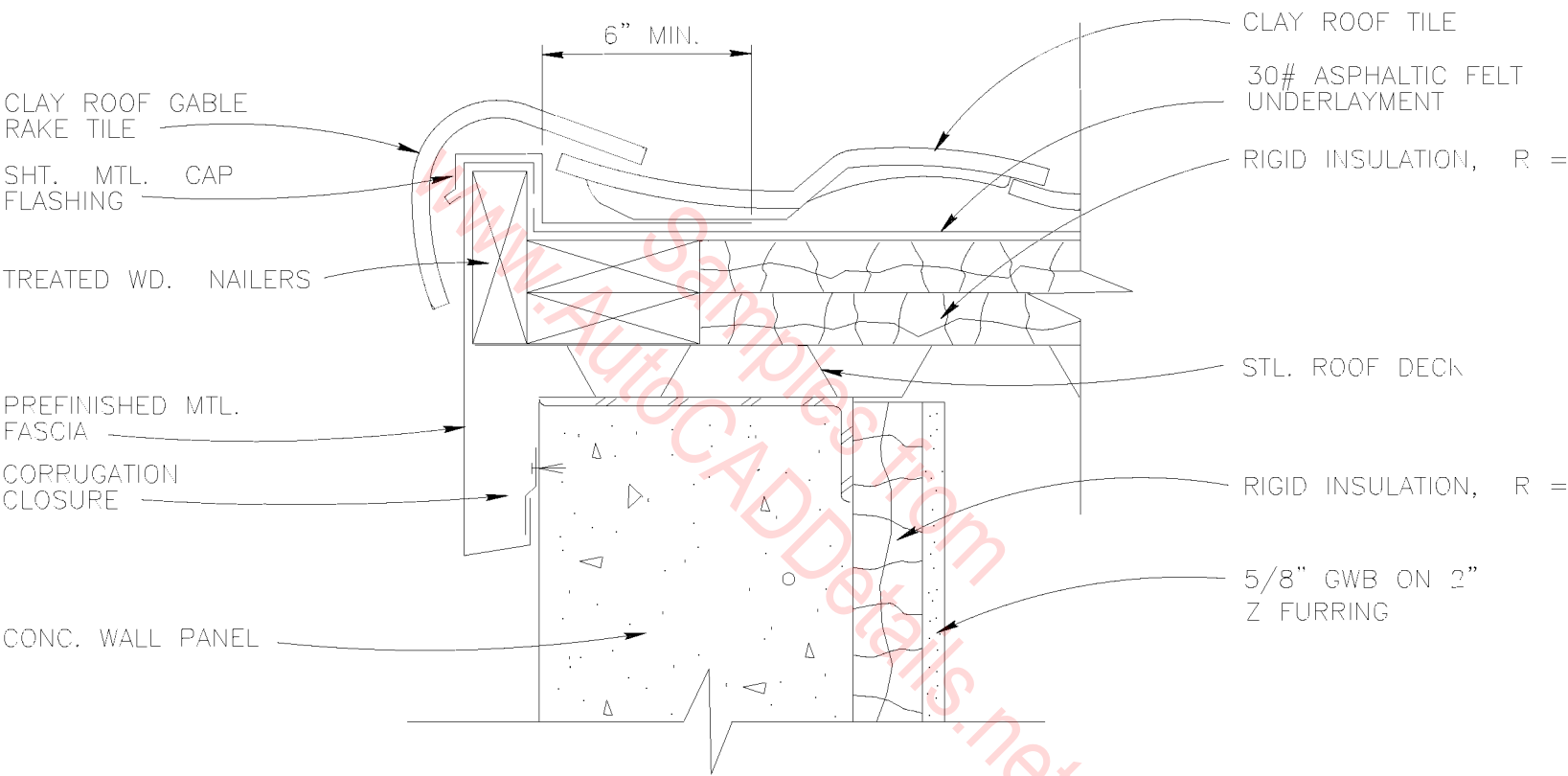




FASCIA DETAIL

SCALE : 1 1/2" = 1'-0"





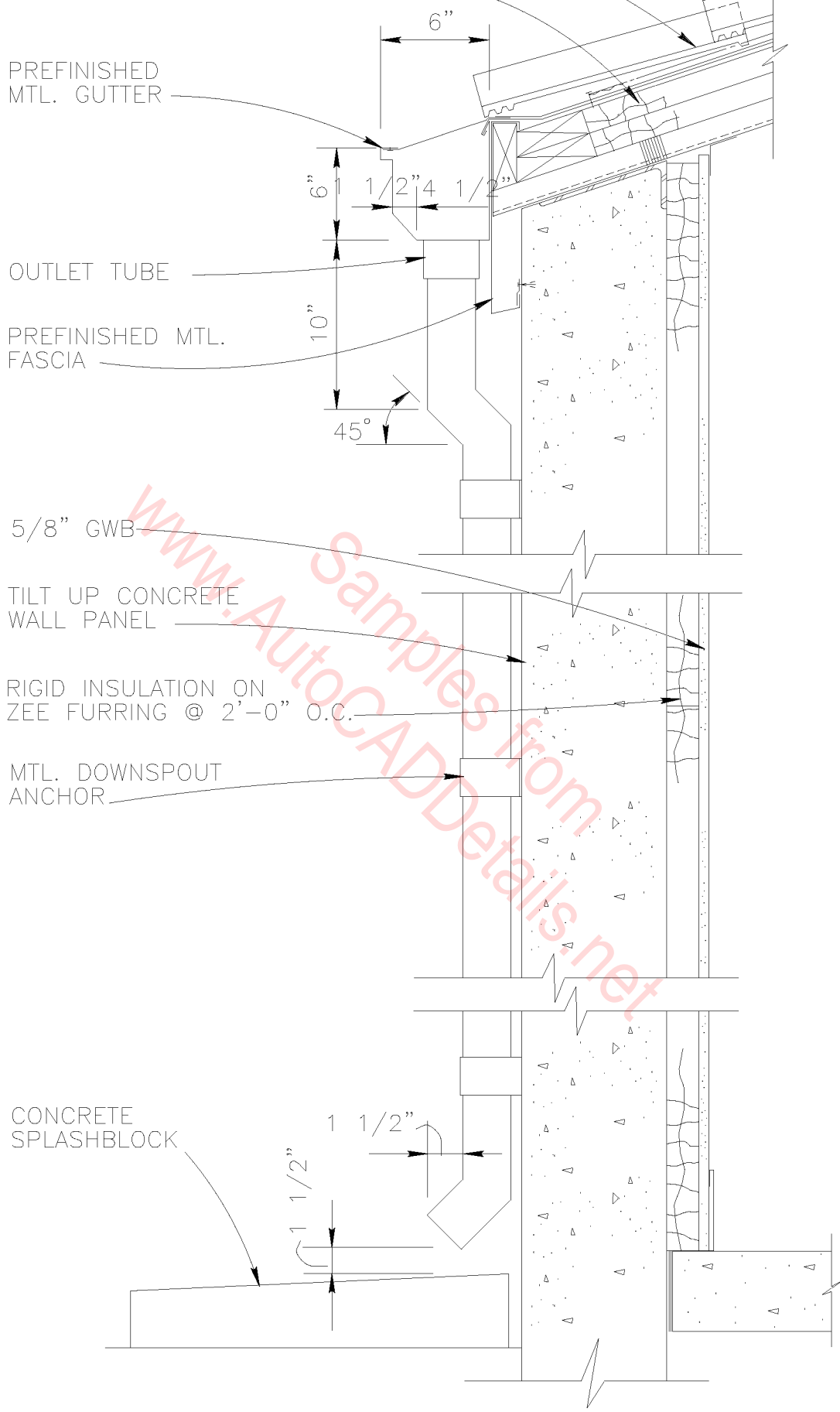
RAKE/GABLE DETAIL

SCALE : 3"=1'-0"



CLAY TILE ROOF

RIGID INSULATION, R =



PREFINISHED MTL. GUTTER

OUTLET TUBE

PREFINISHED MTL. FASCIA

5/8" GWB

TILT UP CONCRETE WALL PANEL

RIGID INSULATION ON ZEE FURRING @ 2'-0" O.C.

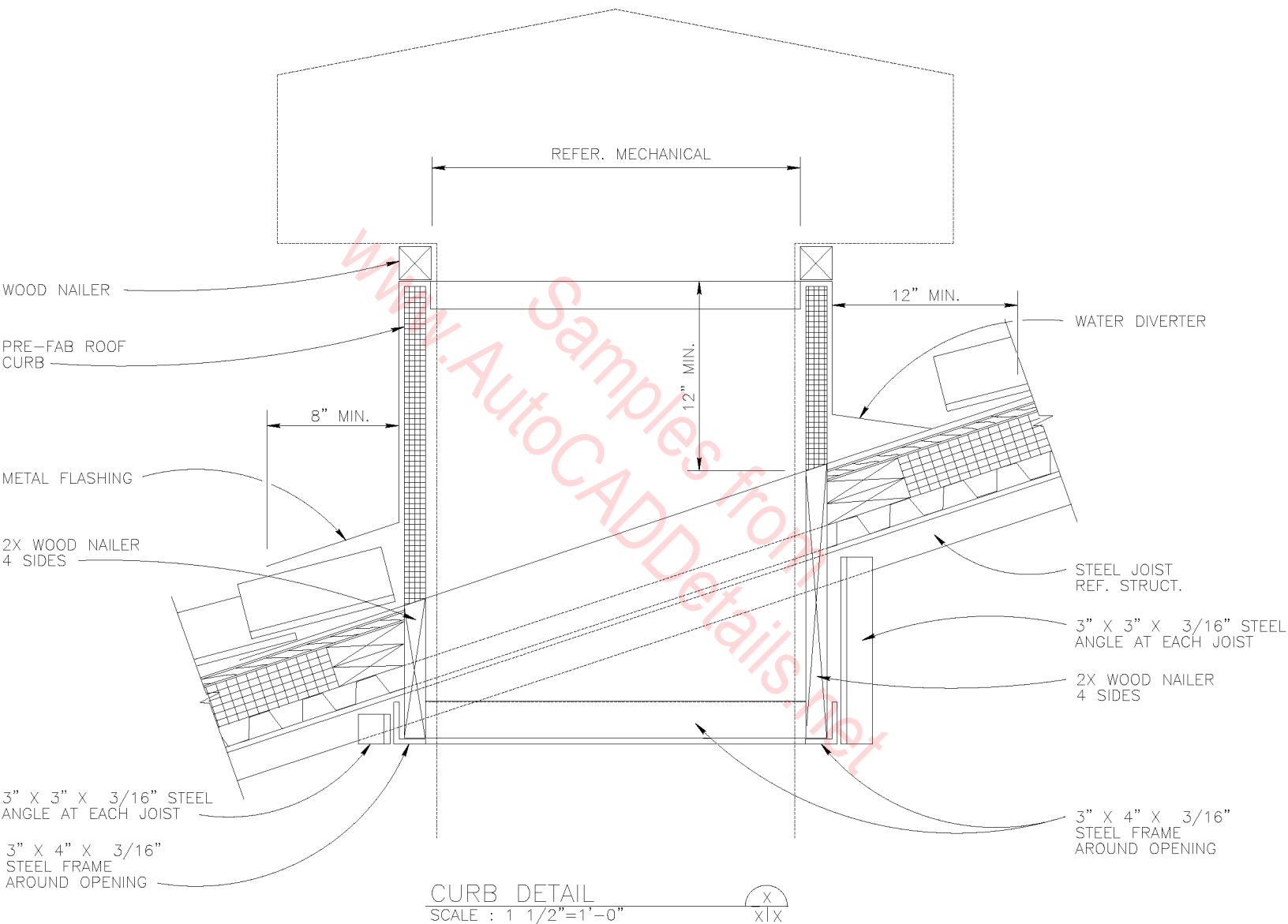
MTL. DOWNSPOUT ANCHOR

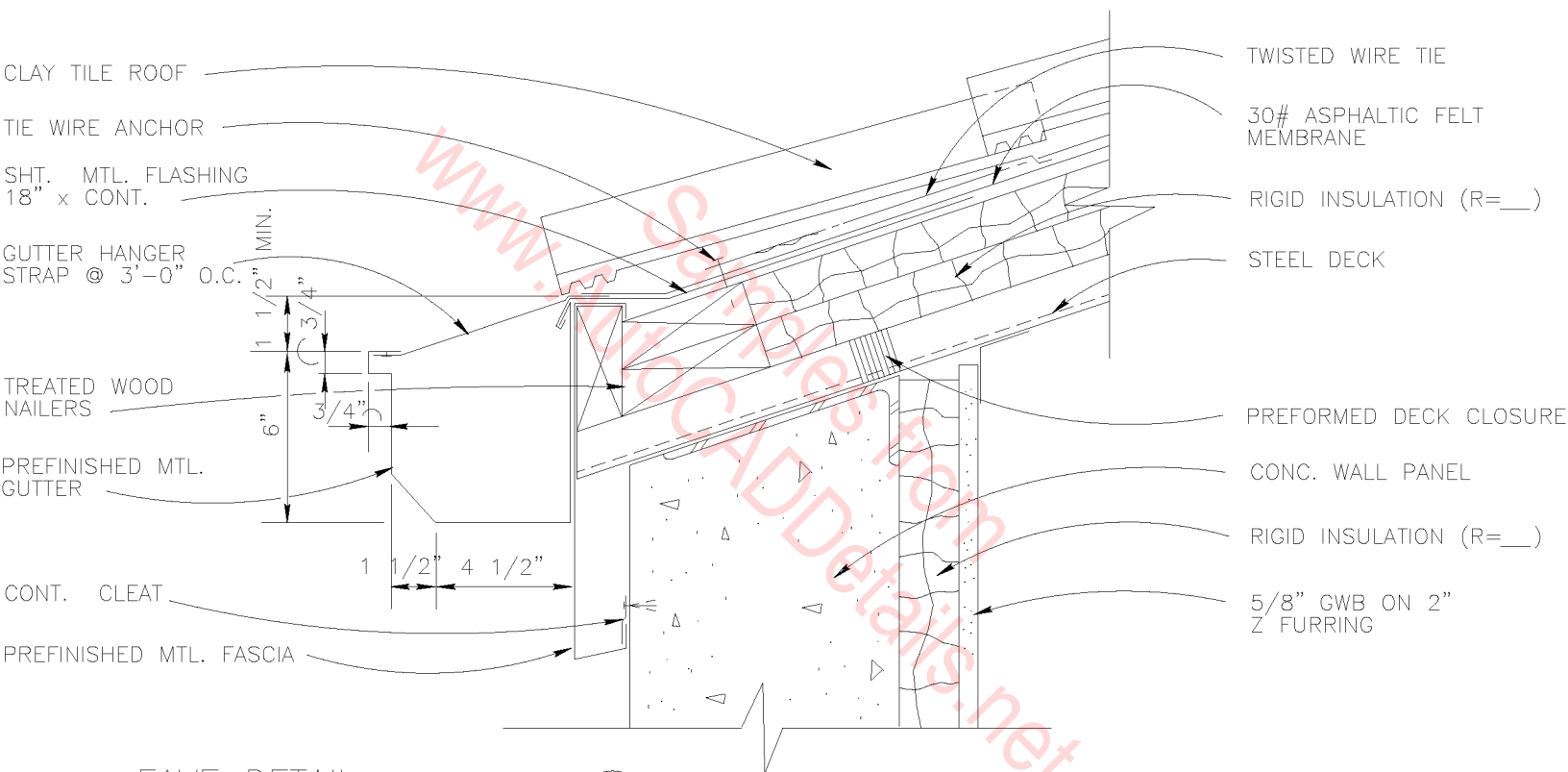
CONCRETE SPLASHBLOCK

DOWNSPOUT DETAIL (TYP.)

SCALE : 1 1/2" = 1'-0"







EAVE DETAIL

SCALE : 3" = 1'-0"





CLAY ROOF TILE

30# ASPHALT FELT UNDERLAYMENT

CONT. MTL. FLASHING

10" MIN.

4"

SHT. MTL. CAP

TREATED 2X3 WD. STRIP

SHT. MTL. FLASHING

TREATED WD. CURB

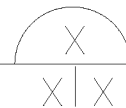
TREATED WD. BLOCKING

STL. ROOF DECK

RIGID INSUL,  
R = \_\_\_\_\_

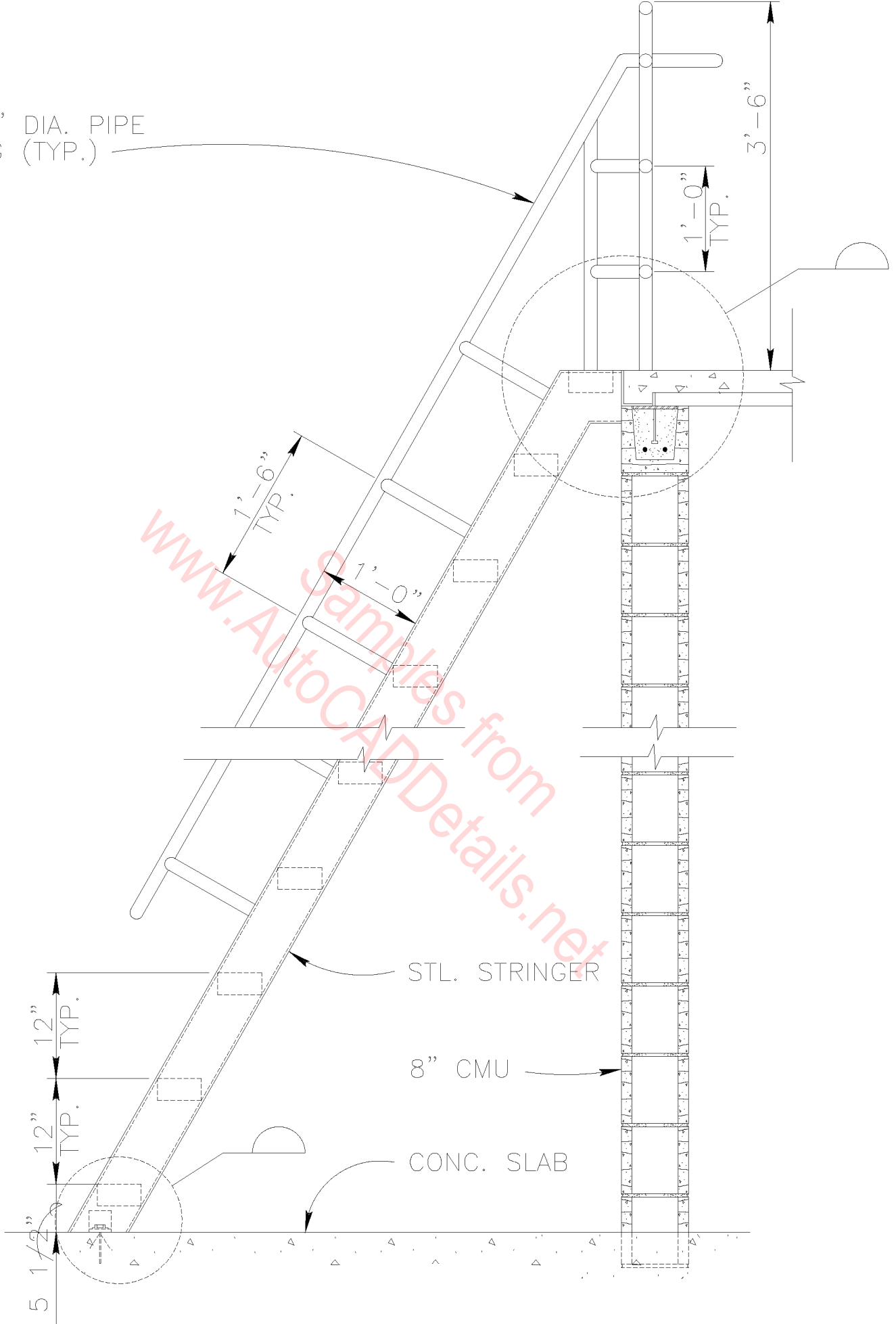
# CURB DETAIL

SCALE : 3" = 1'-0"



www.ArchCADSamples.com  
www.ArchCADDetails.net

1 1/2" DIA. PIPE  
RAILING (TYP.)



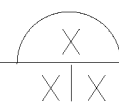
STL. STRINGER

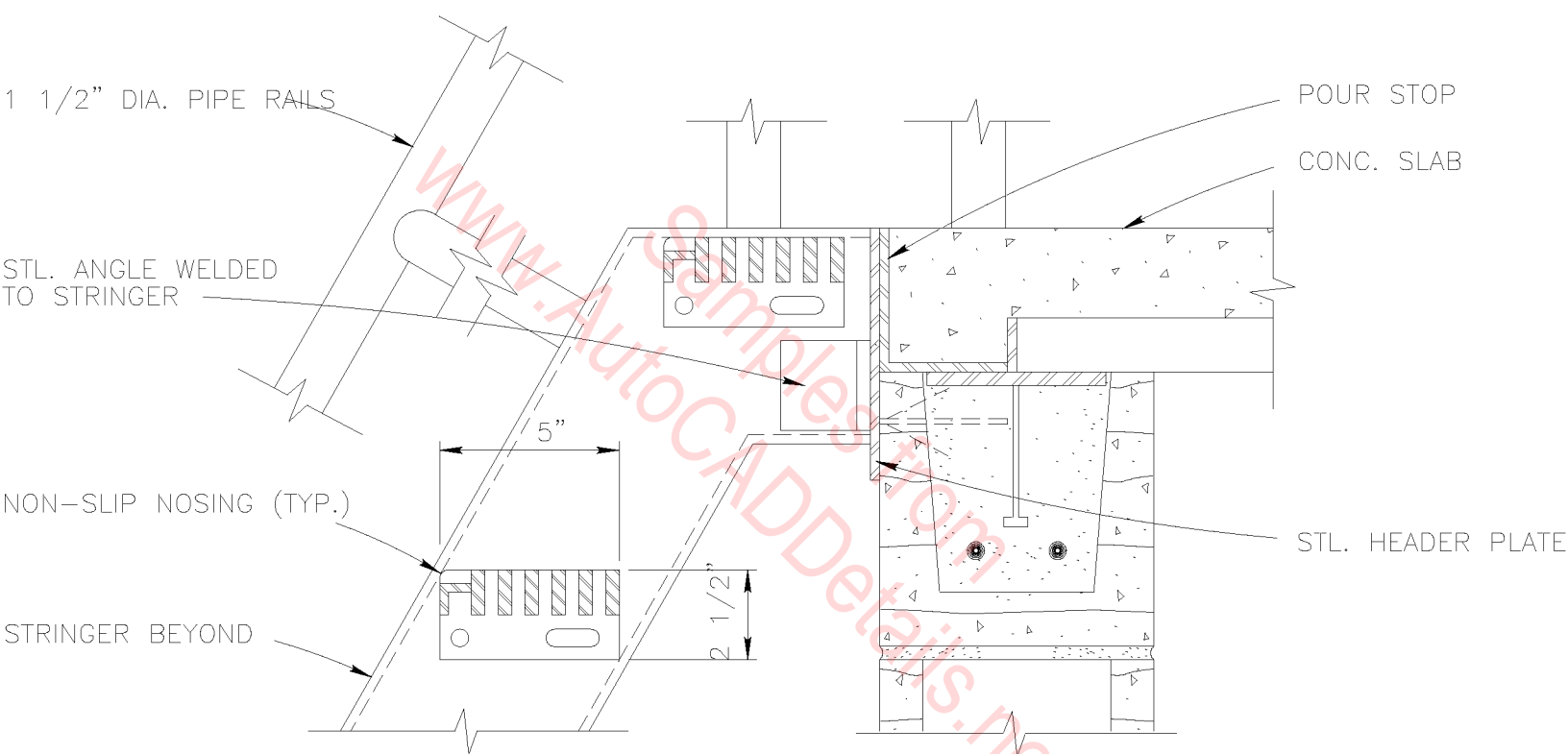
8" CMU

CONC. SLAB

FIXED LADDER ELEVATION

SCALE : 3/4" = 1'-0"



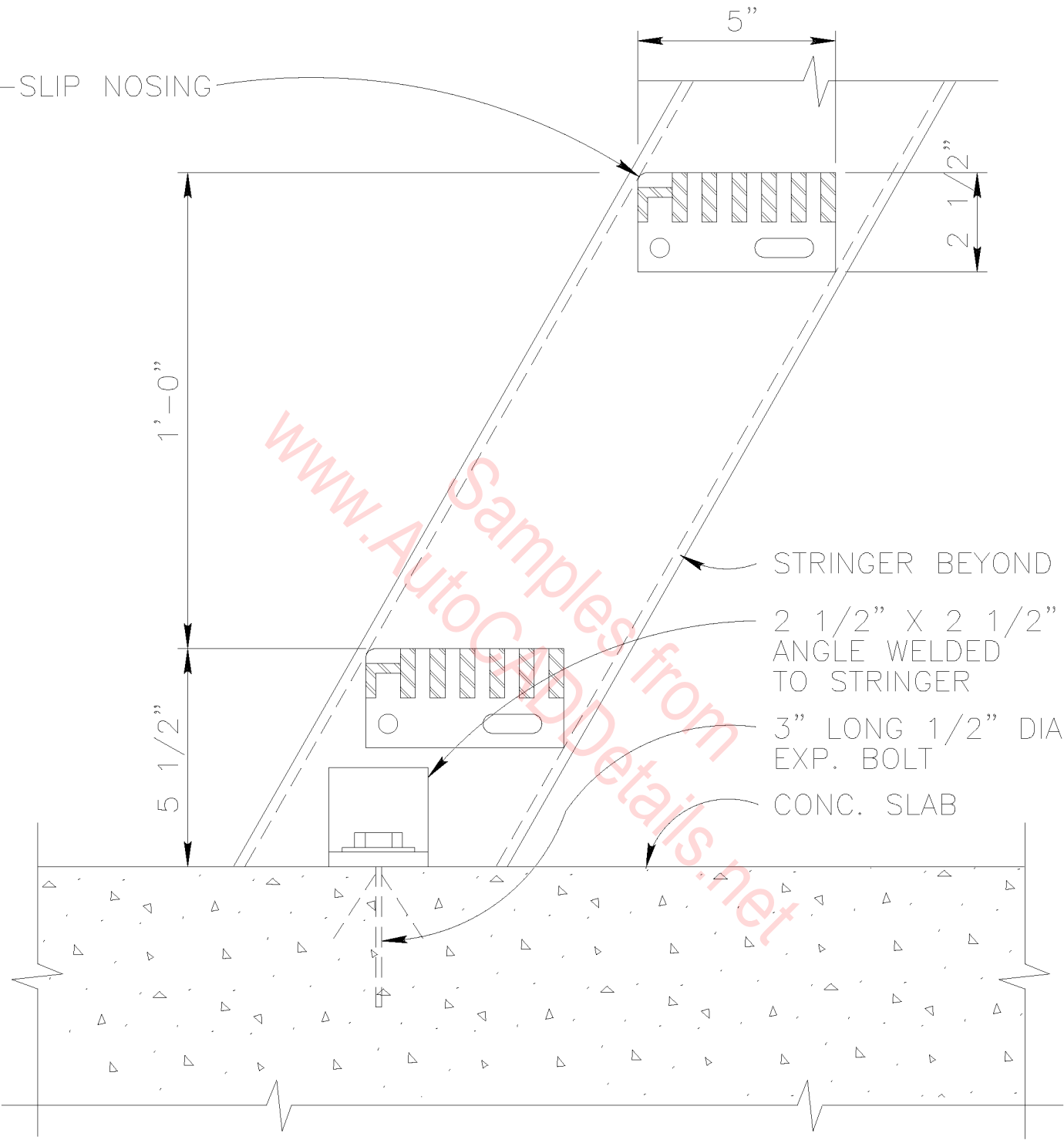


METAL STAIR LANDING DETAIL

SCALE : 3" = 1'-0"

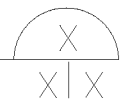
X  
XIX

NON-SLIP NOSING



METAL STAIR TREAD DETAIL

SCALE : 3"=1'-0"



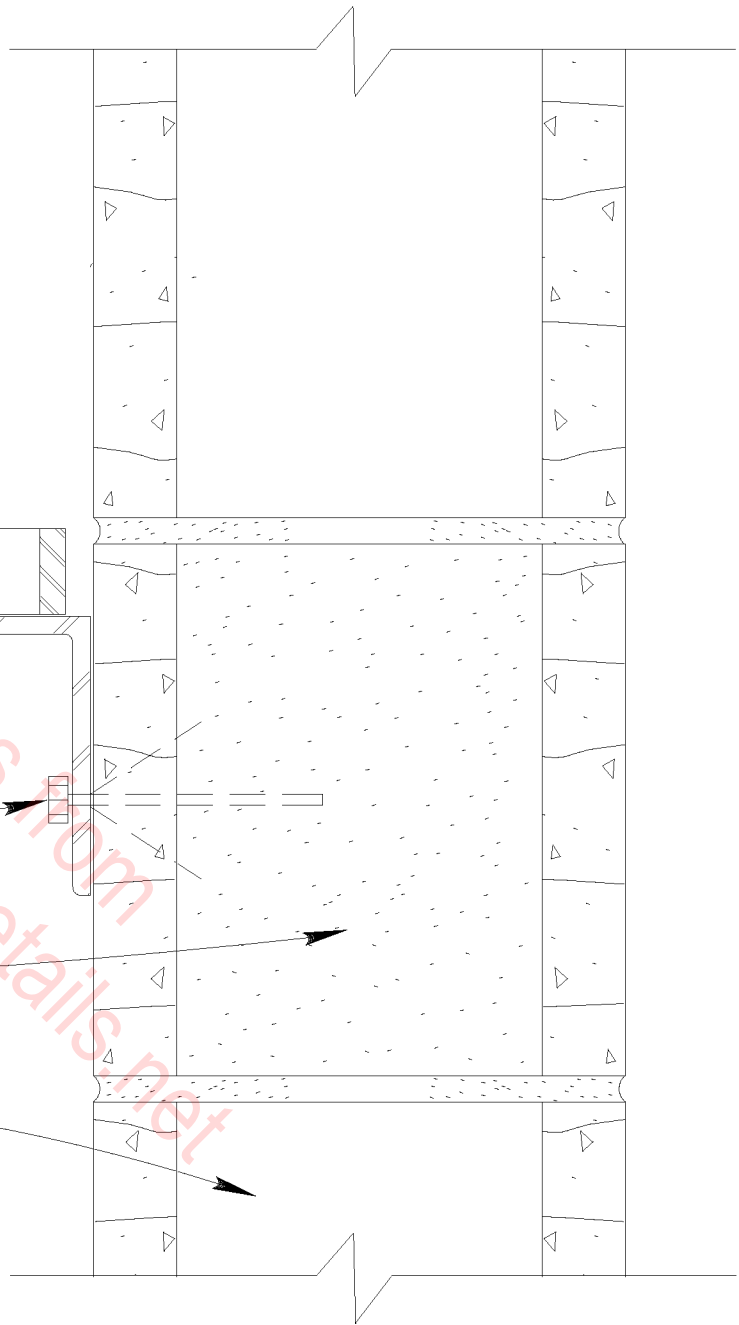
STL. FLOOR  
GRATING (SEE  
STRUCT.)

STEEL ANGLE

EXPANSION BOLT

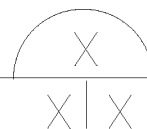
GROUT CMU  
SOLID

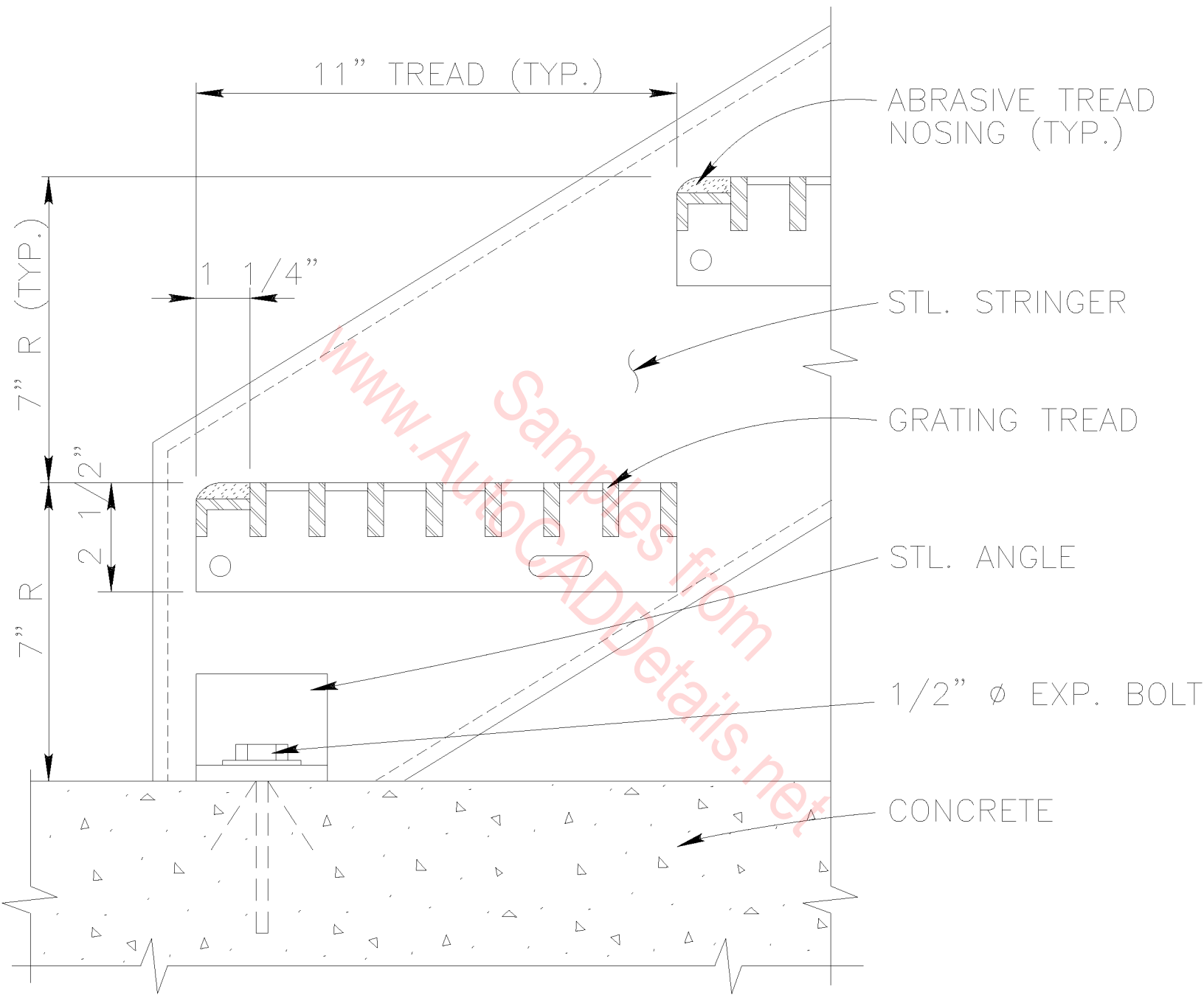
8" CMU



# STAIR LANDING DETAIL

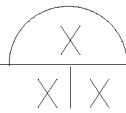
SCALE : 3" = 1'-0"





STAIR DETAIL

SCALE : 3" = 1'-0"



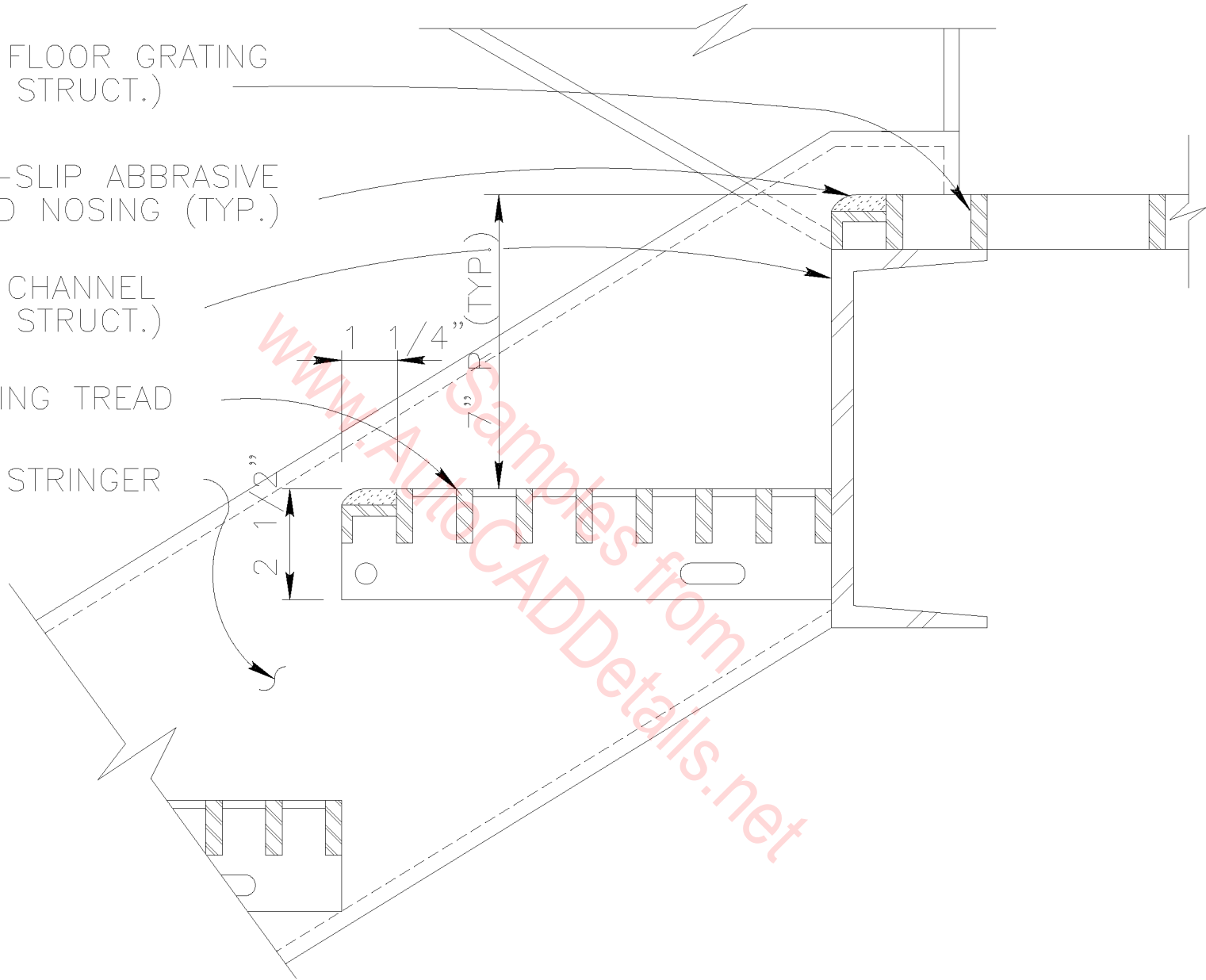
STL. FLOOR GRATING  
(SEE STRUCT.)

NON-SLIP ABBRASIVE  
TREAD NOSING (TYP.)

STL. CHANNEL  
(SEE STRUCT.)

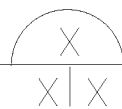
GRATING TREAD

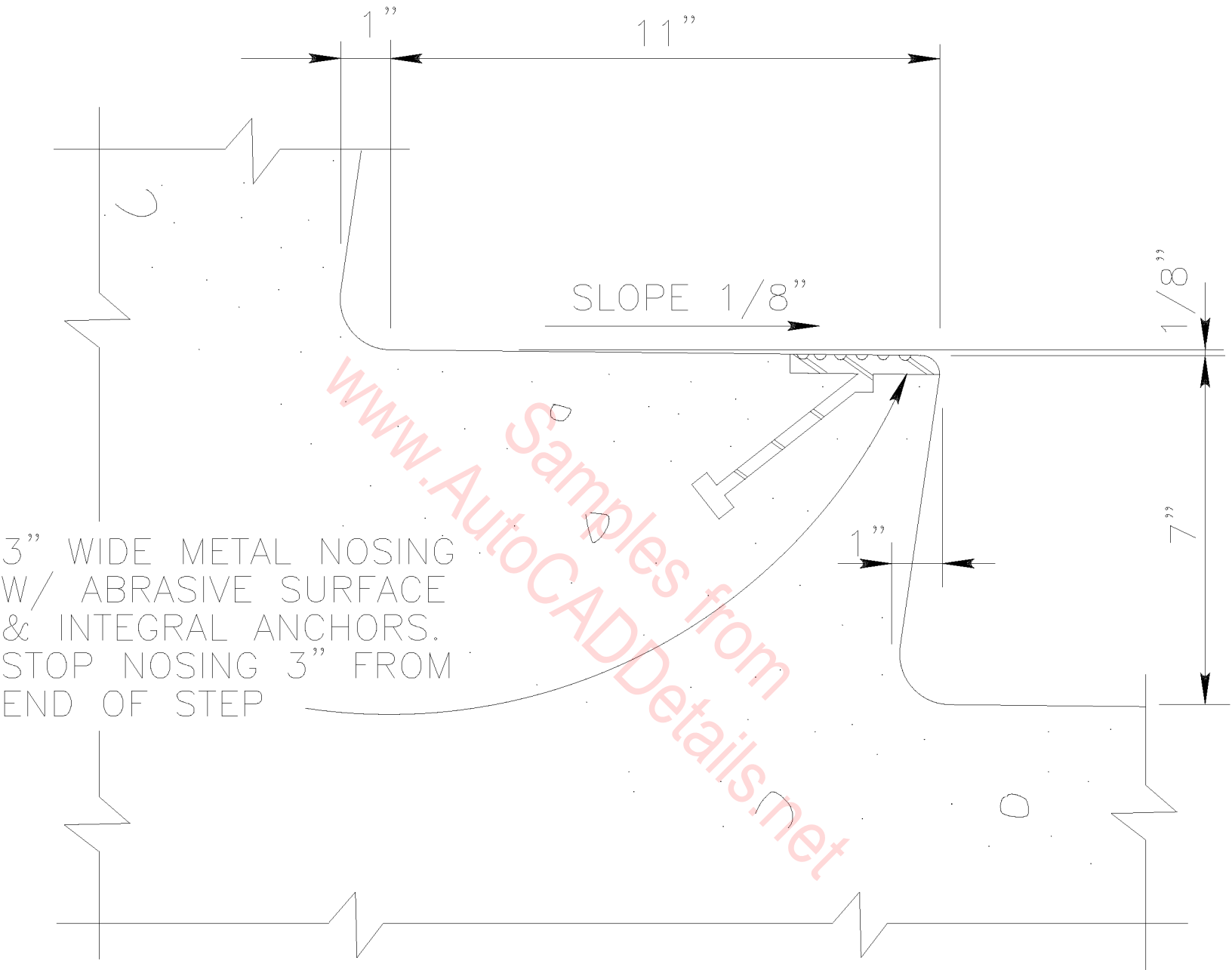
STL. STRINGER



# STAIR DETAIL

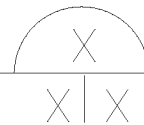
SCALE : 3" = 1'-0"



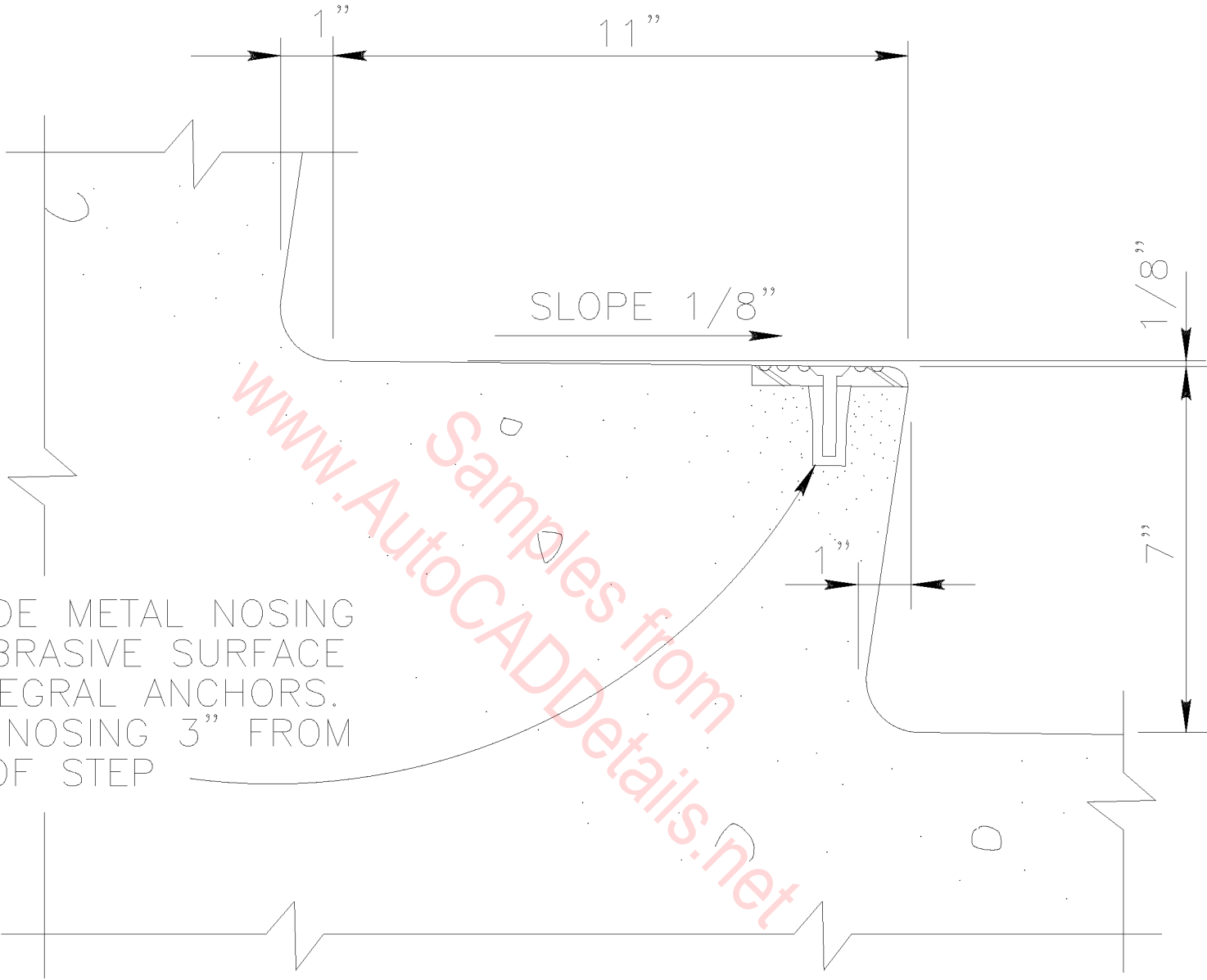


# STAIR DETAIL

SCALE : 3" = 1'-0"





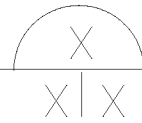


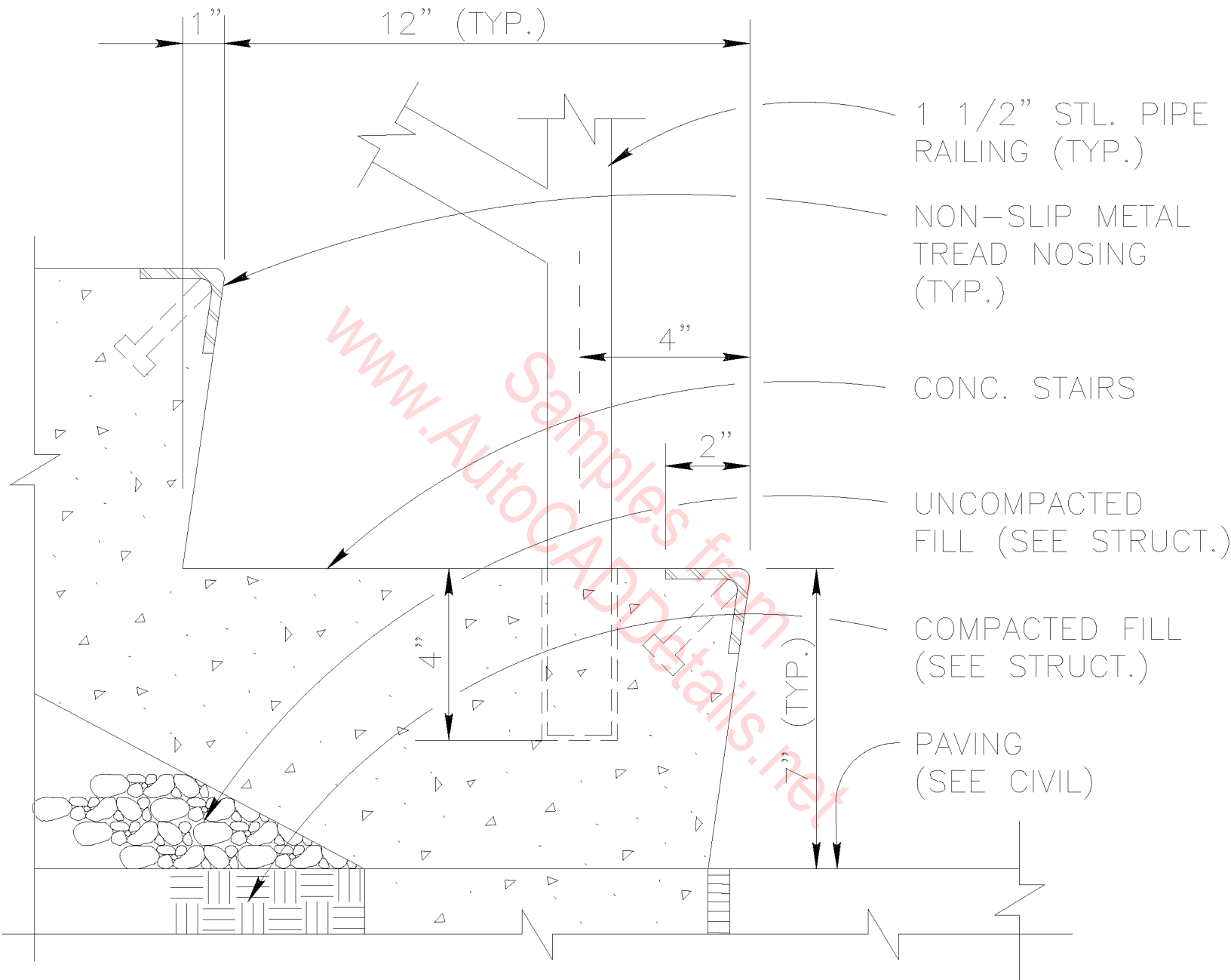
3" WIDE METAL NOSING  
 W/ ABRASIVE SURFACE  
 & INTEGRAL ANCHORS.  
 STOP NOSING 3" FROM  
 END OF STEP

www.AutoCADDetails.net

STAIR DETAIL

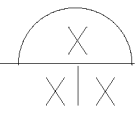
SCALE : 3" = 1'-0"

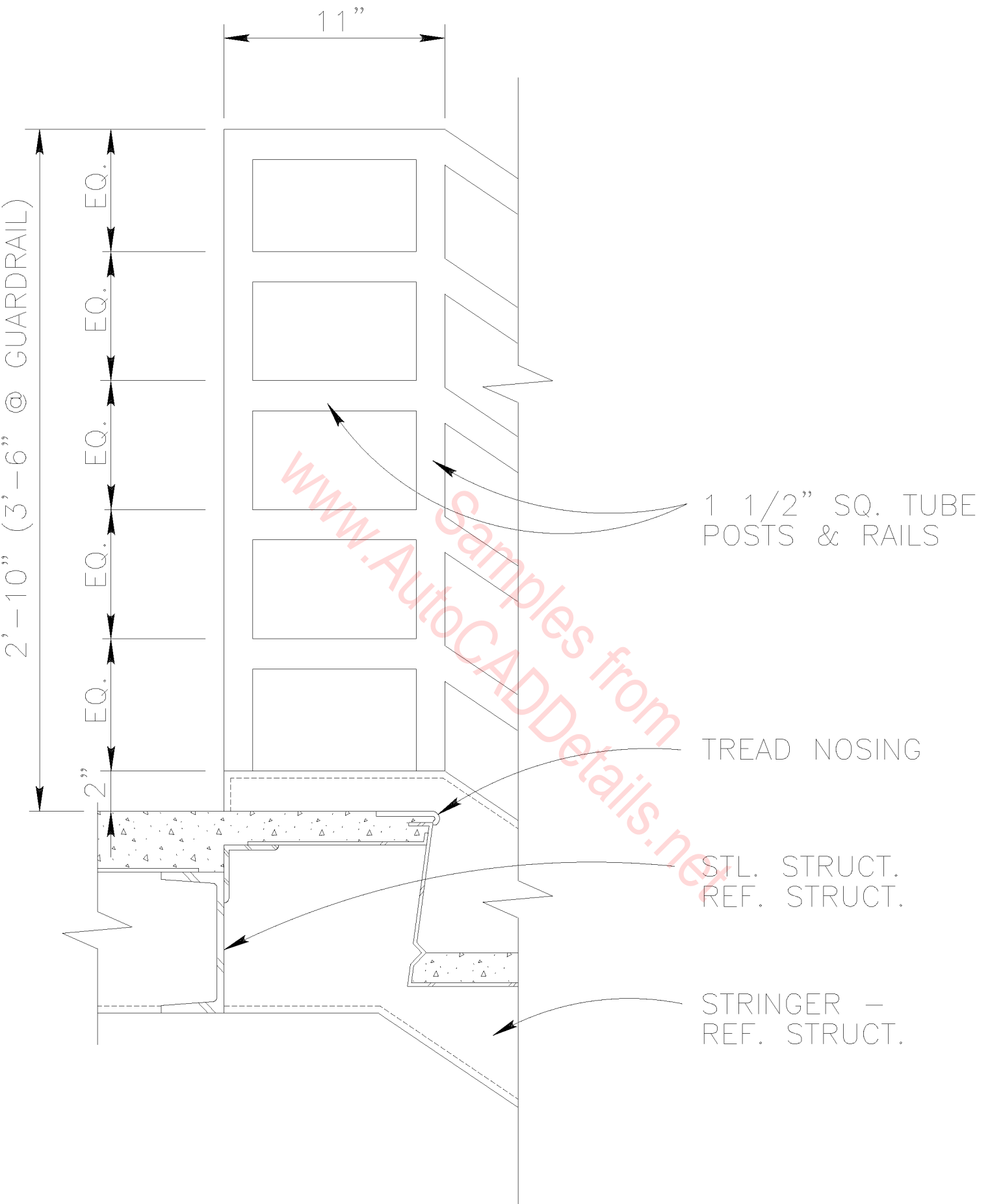




BOTTOM STAIR DETAIL

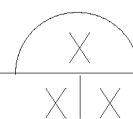
SCALE : 3" = 1'-0"

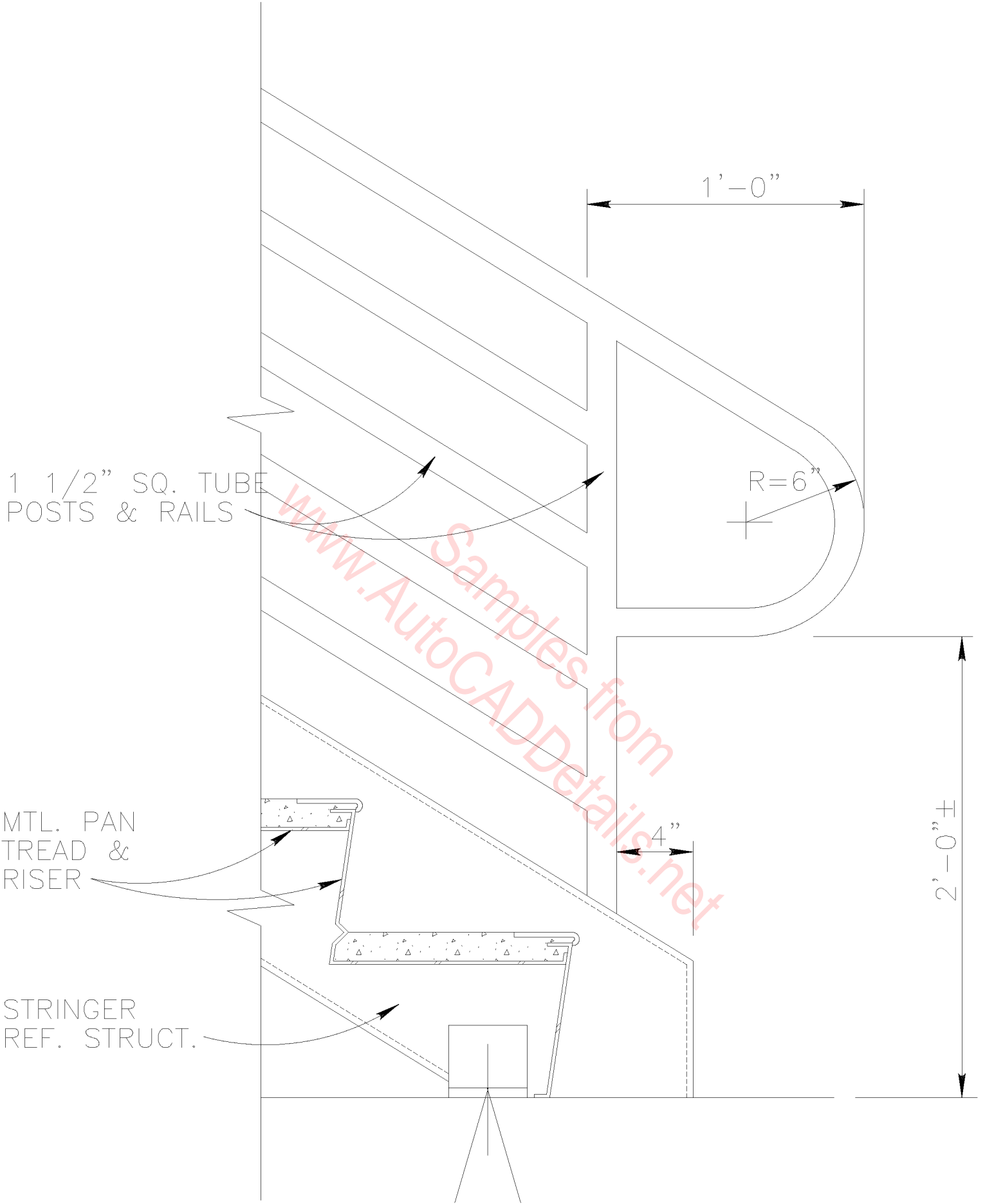




TOP METAL STAIR DETAIL

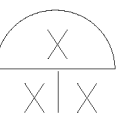
SCALE : 1 1/2" = 1'-0"

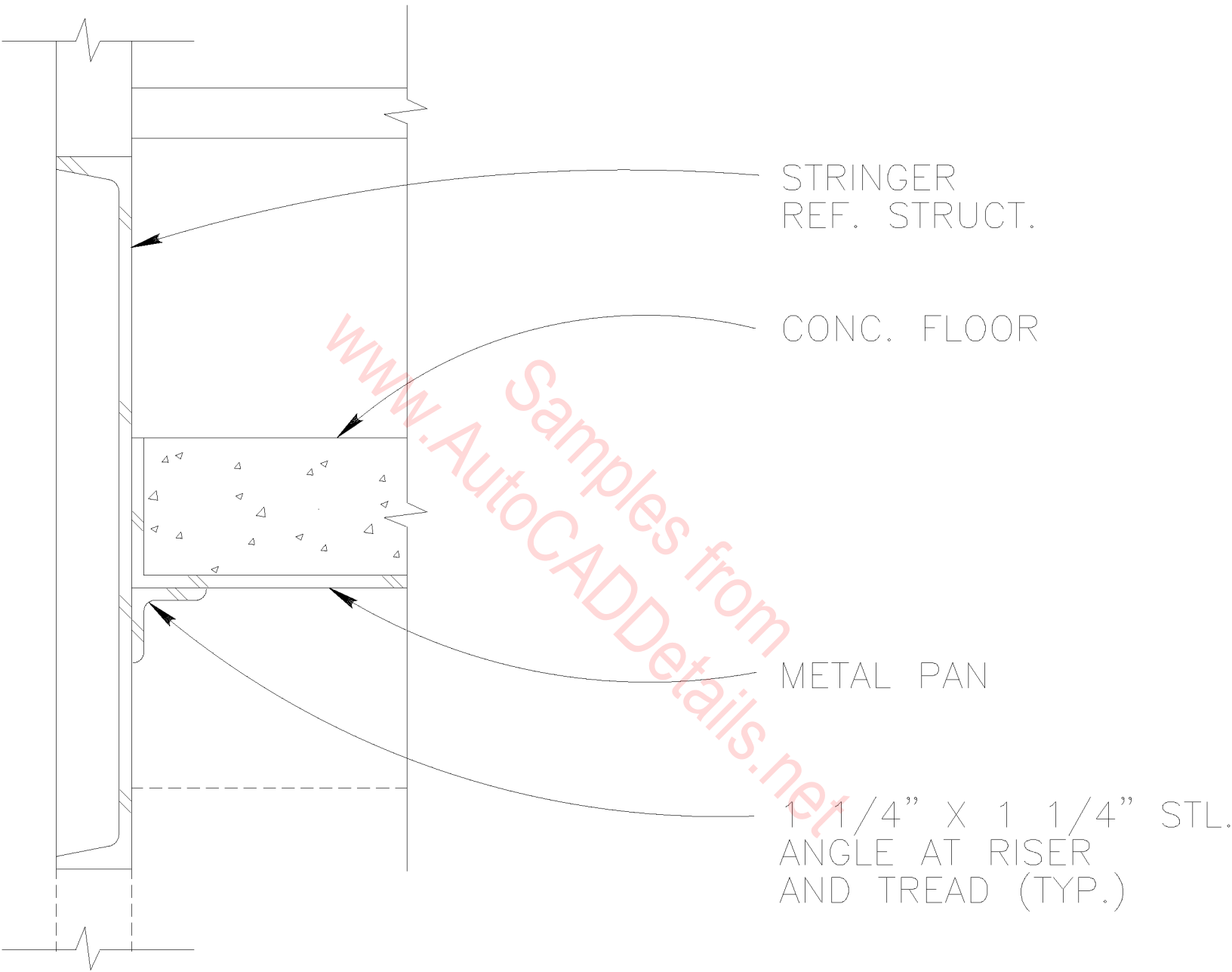




BOTTOM METAL STAIR DETAIL

SCALE : 1 1/2" = 1'-0"





STRINGER  
REF. STRUCT.

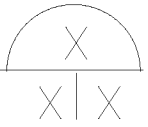
CONC. FLOOR

METAL PAN

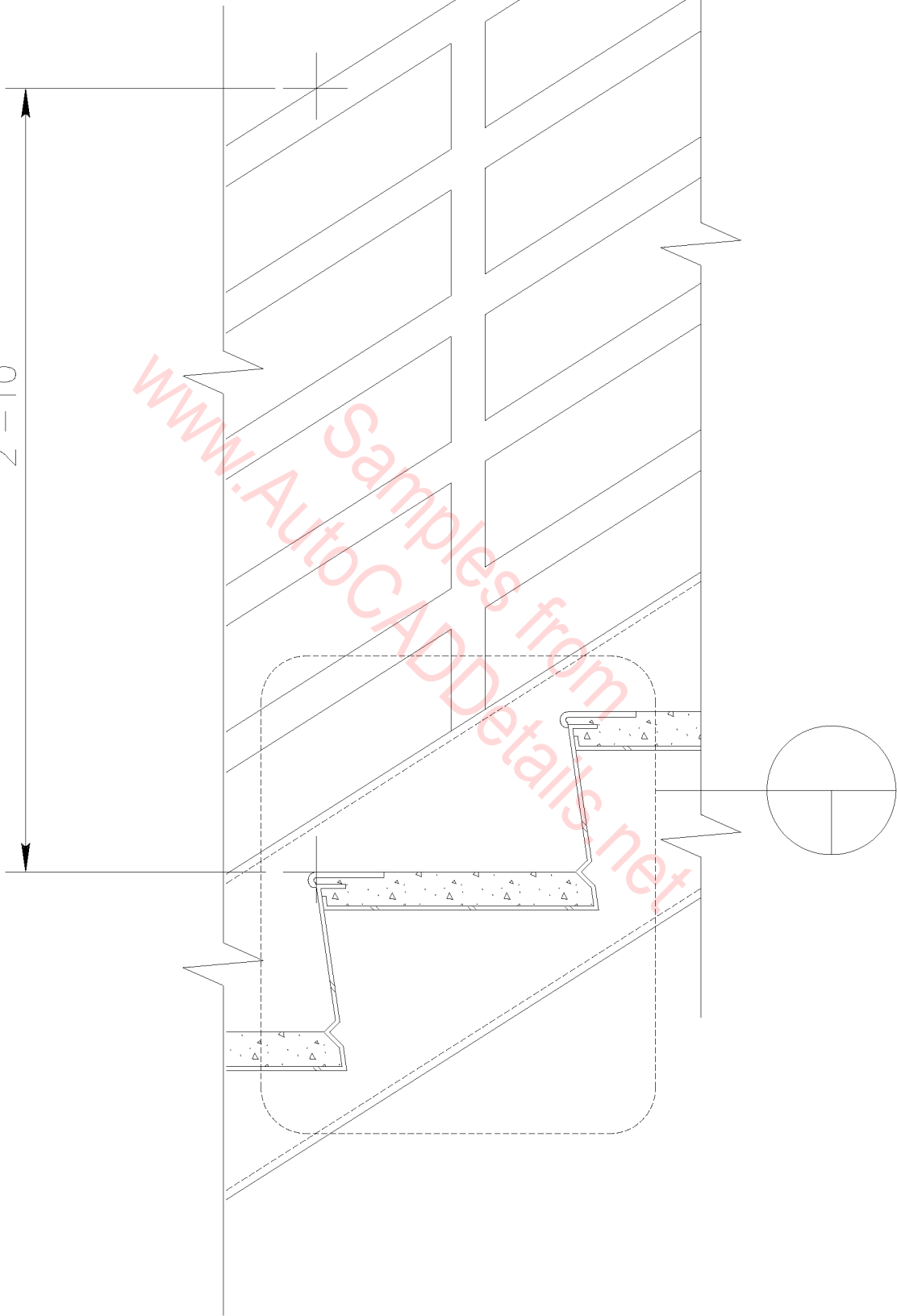
1 1/4" X 1 1/4" STL.  
ANGLE AT RISER  
AND TREAD (TYP.)

LANDING DETAIL

SCALE : 3" = 1'-0"

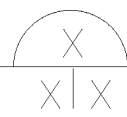


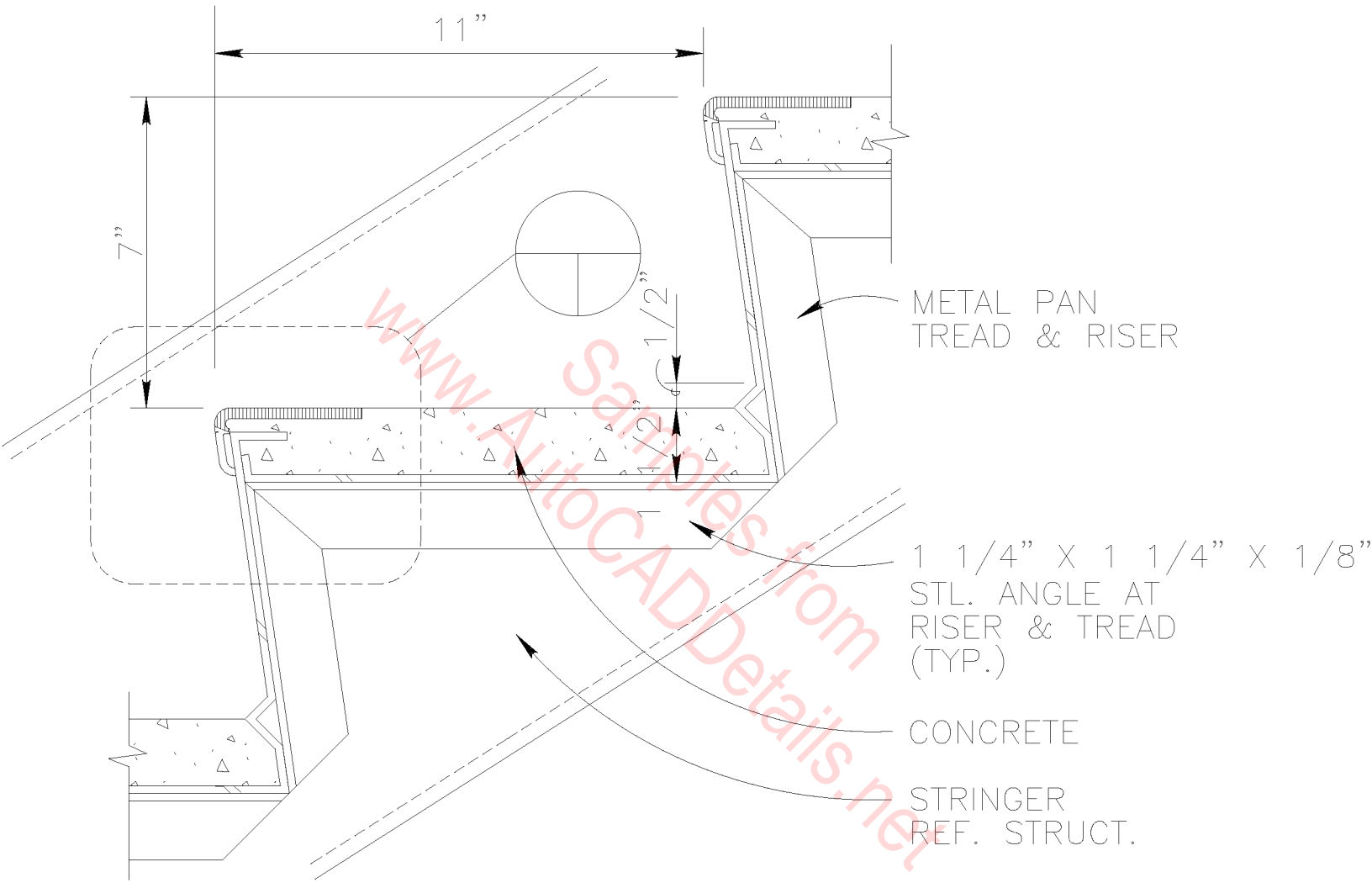
2'-10"



# METAL STAIR DETAIL

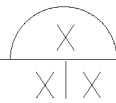
SCALE : 1 1/2" = 1'-0"



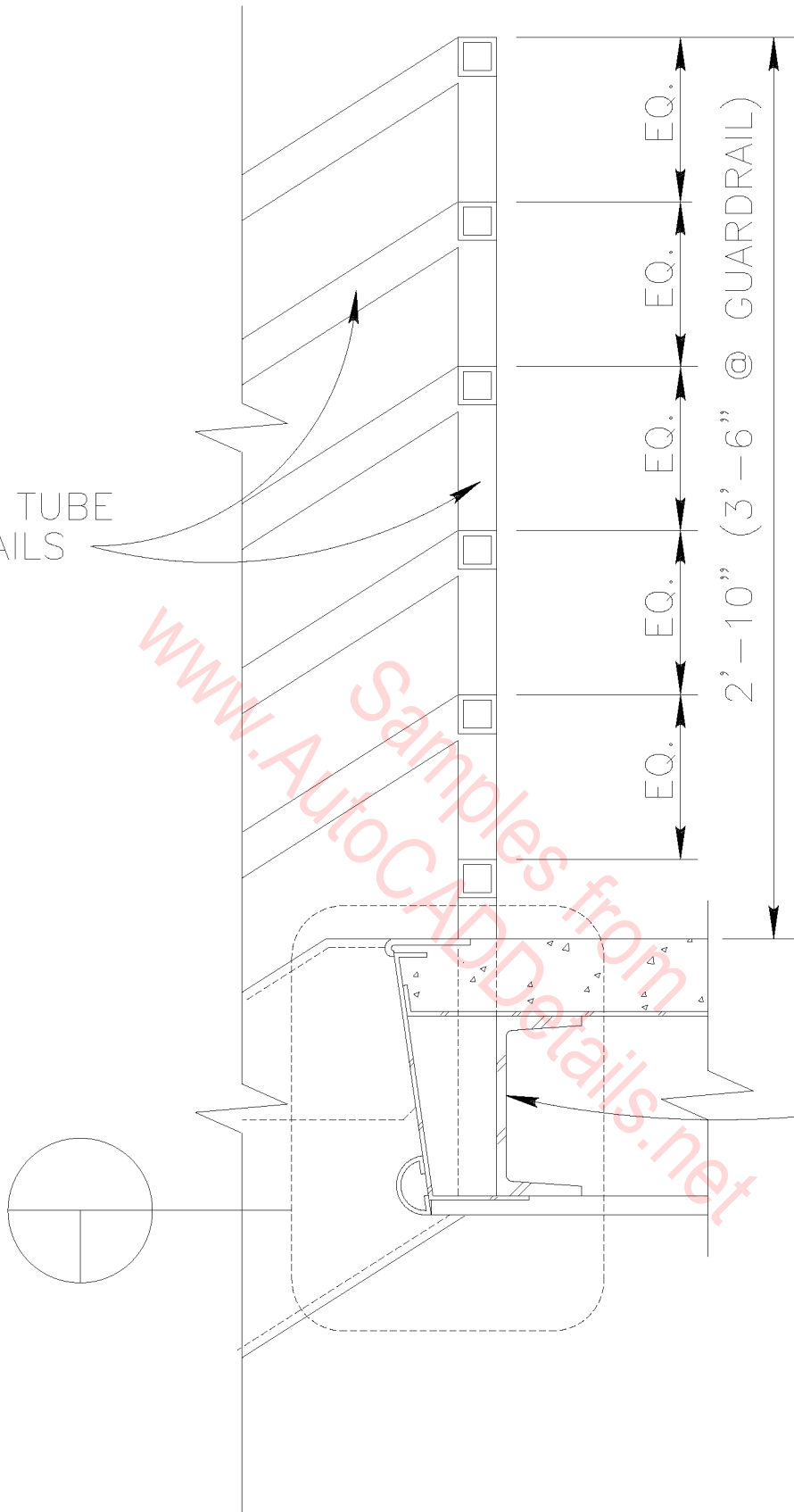


# METAL STAIR DETAIL

SCALE : 3" = 1'-0"



1 1/2" SQ. TUBE  
POSTS & RAILS



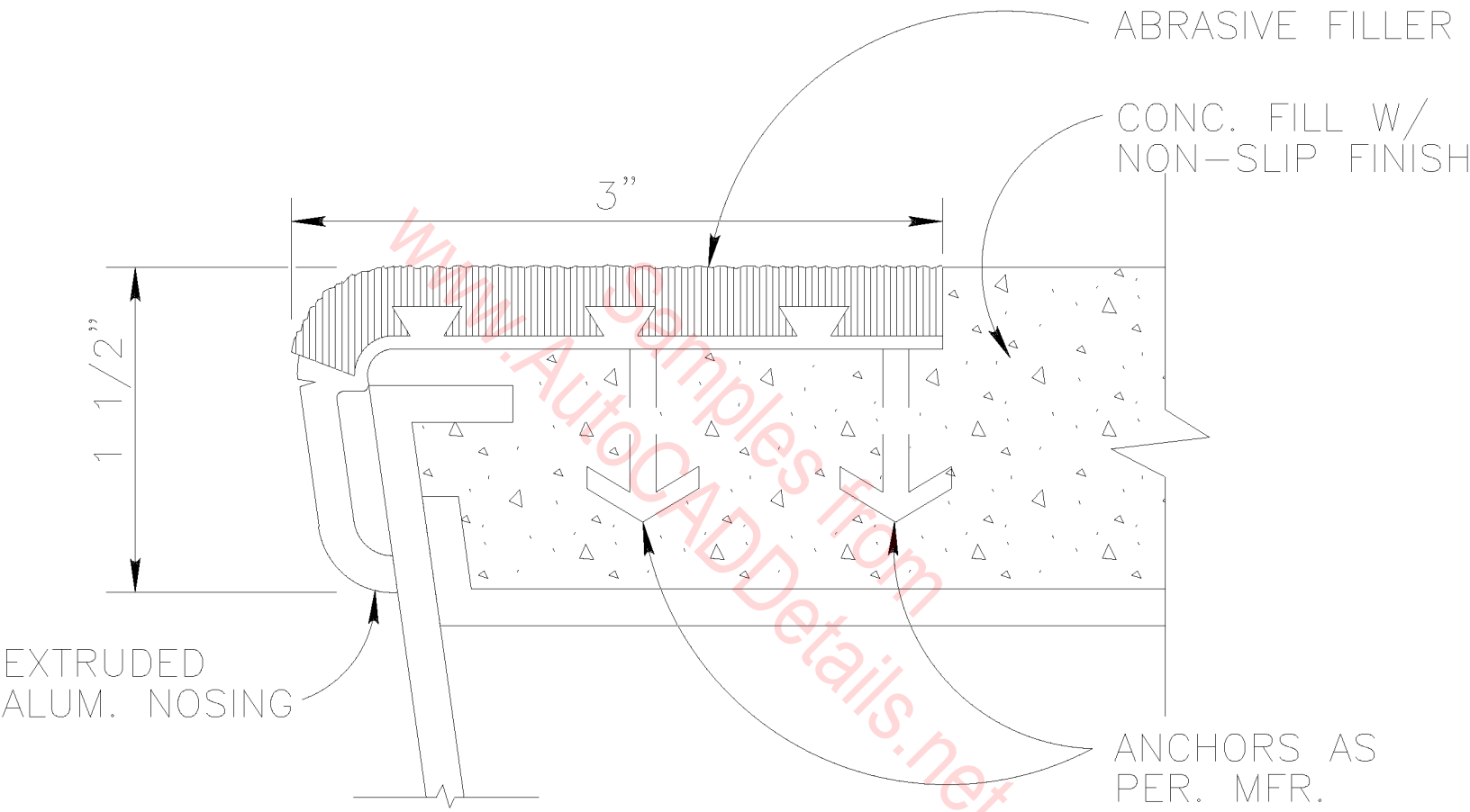
STL. STRUCT.  
REF. STRUCT.

TOP METAL STAIR W/SQUARE TUBE  
POSTS & RAILS

---

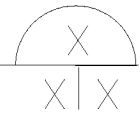
SCALE : 1 1/2" = 1'-0"  $\frac{x}{x|x}$

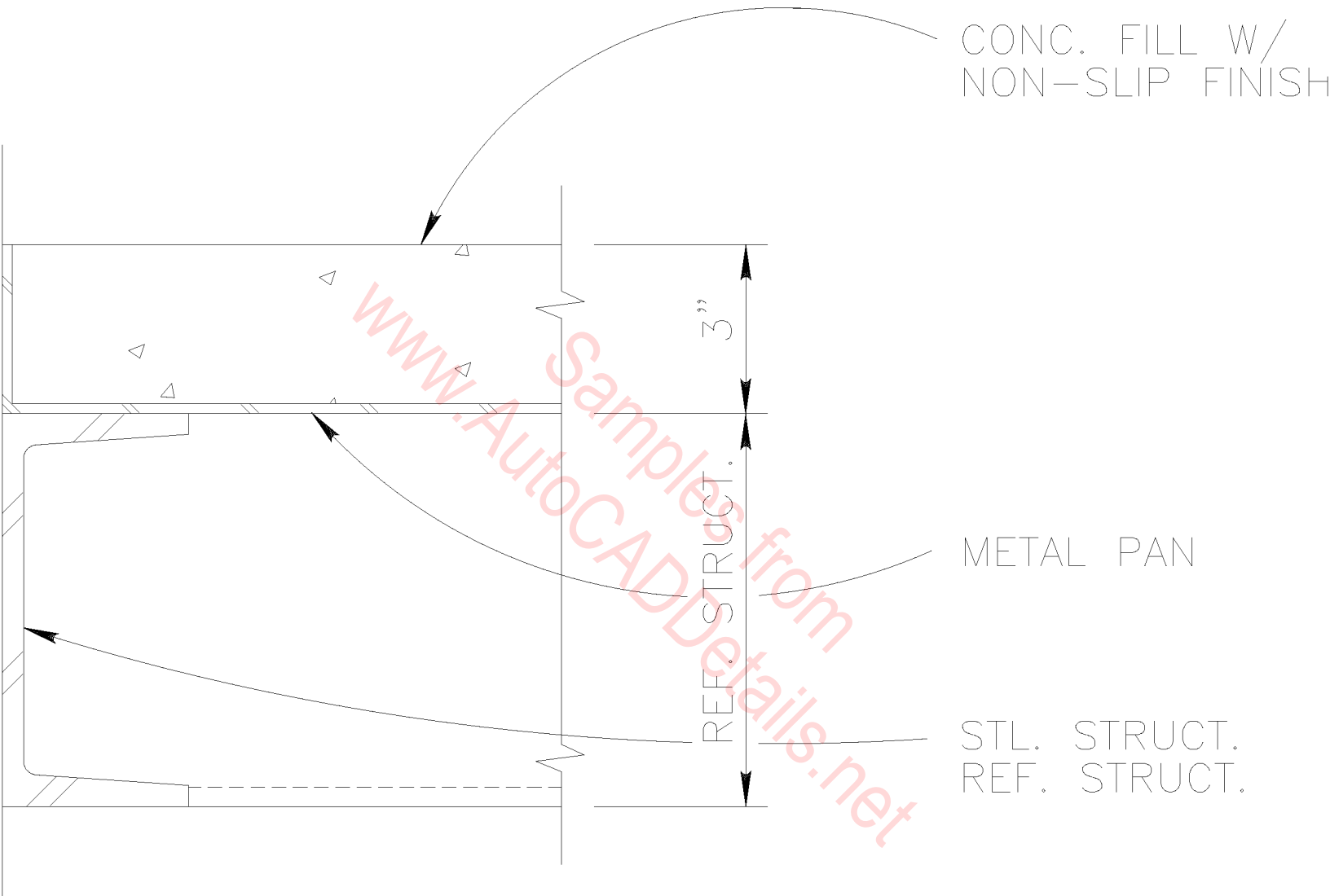




METAL STAIR DETAIL

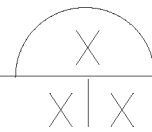
FULL SCALE

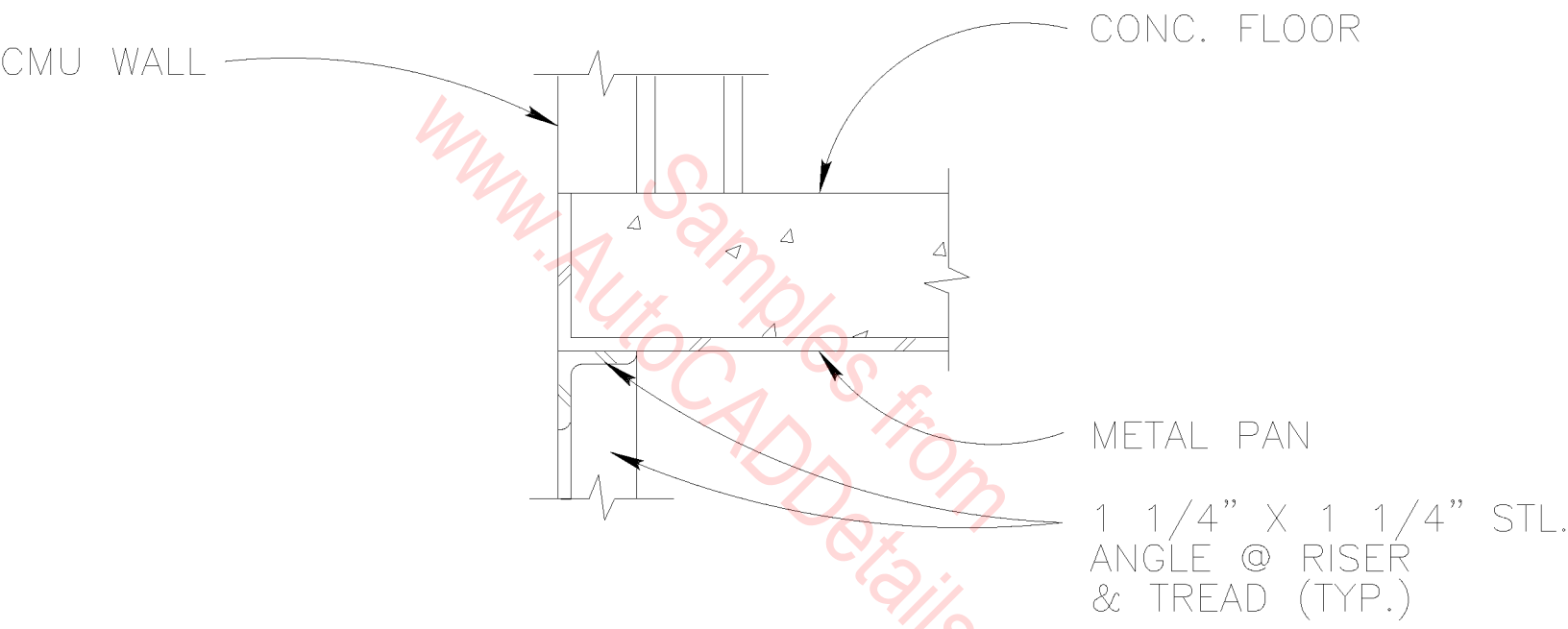




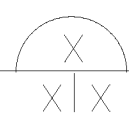
# LANDING DETAIL

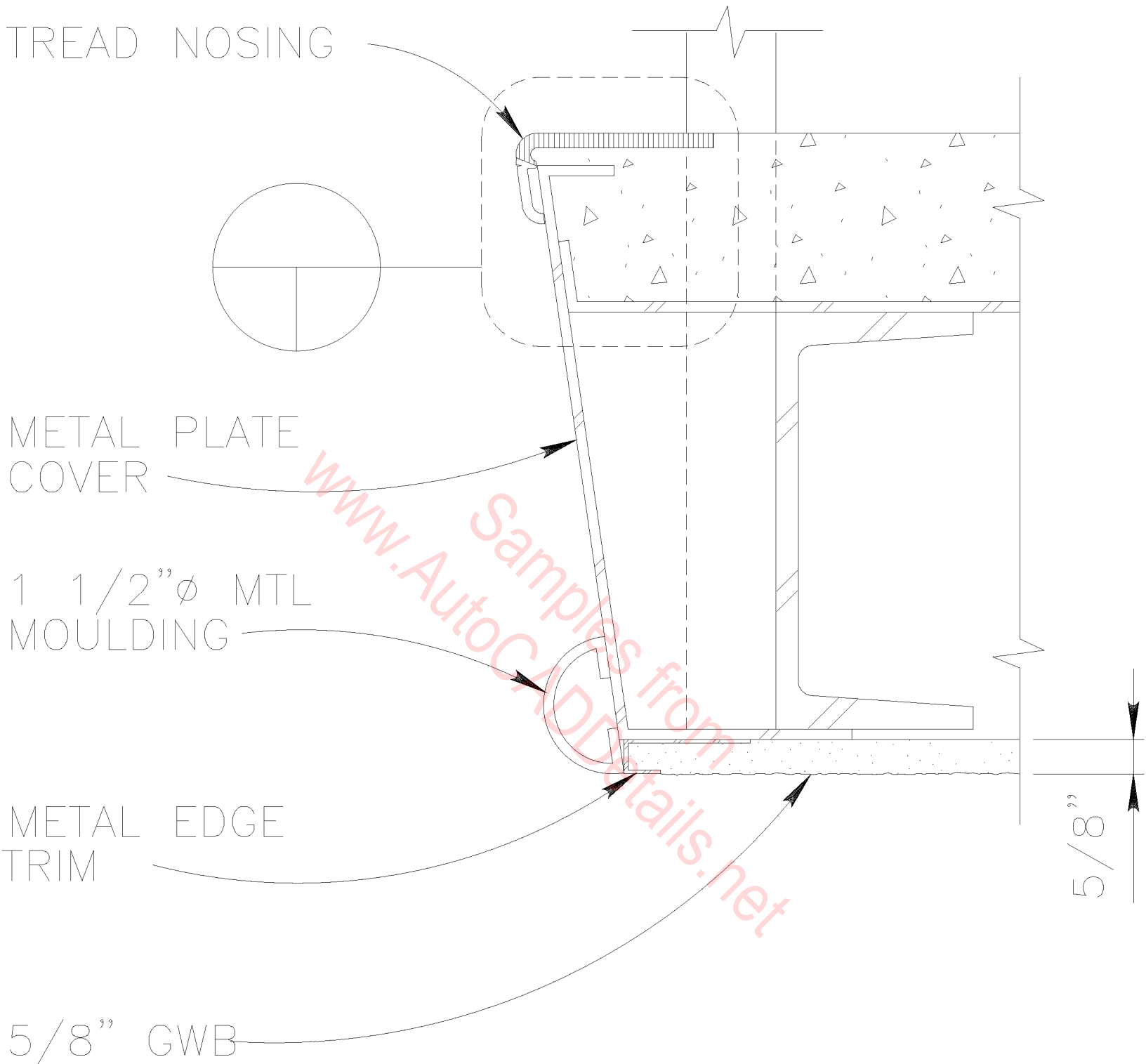
SCALE : 3" = 1'-0"





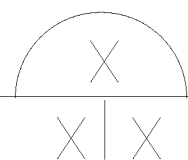
LANDING DETAIL  
 SCALE : 3"=1'-0"





# LANDING DETAIL

SCALE : 3" = 1'-0"



CONC. SLAB

METAL DECK

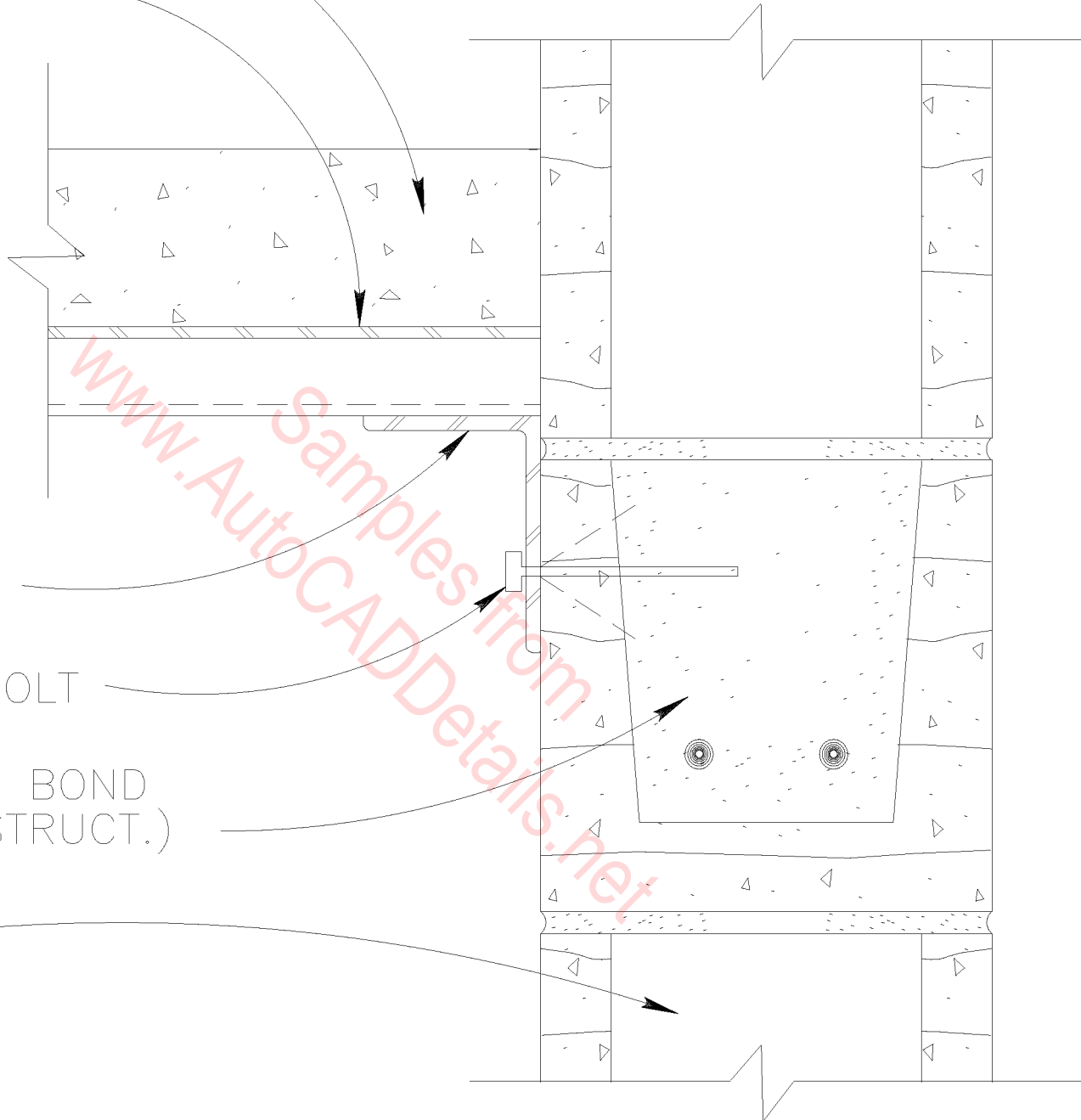
STEEL ANGLE

EXPANSION BOLT

INTERMEDIATE BOND BEAM (SEE STRUCT.)

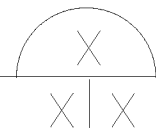
8" CMU

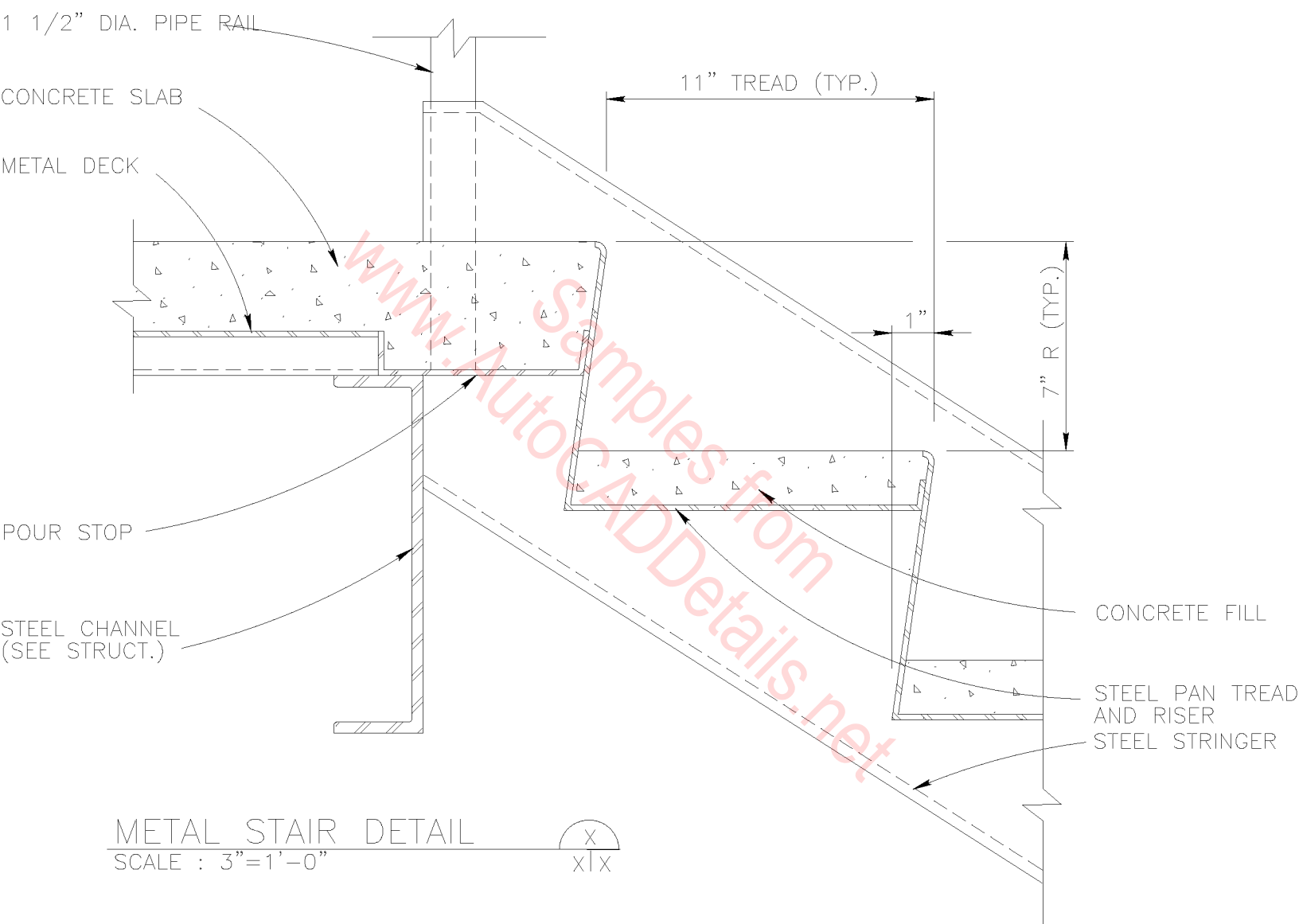
www.AutoCADDetails.net



# LANDING DETAIL

SCALE : 3" = 1'-0"





DOOR FRAME

1 1/2" DIA.  
PIPE RAIL

CONC. SLAB

METAL DECK

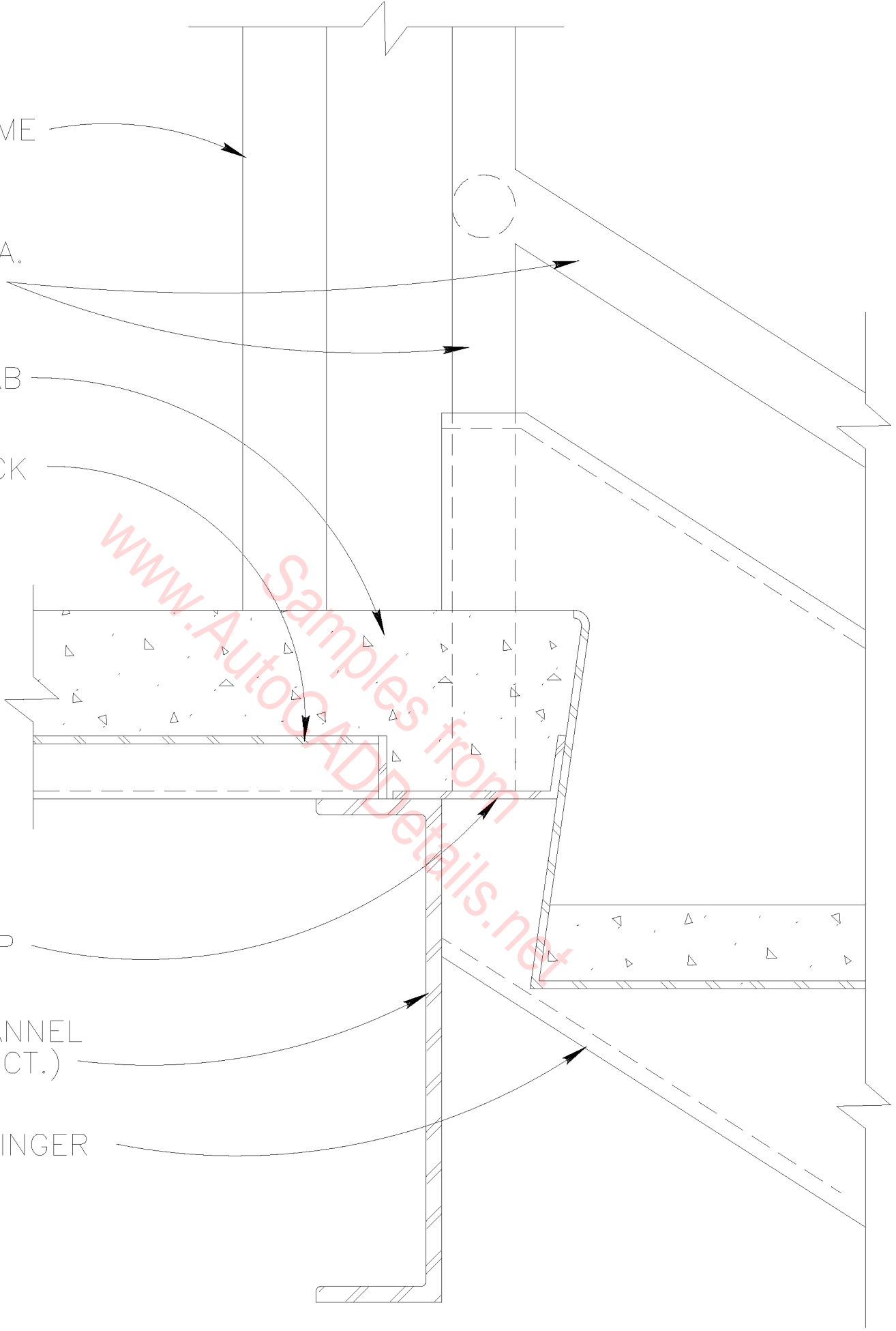
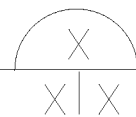
POUR STOP

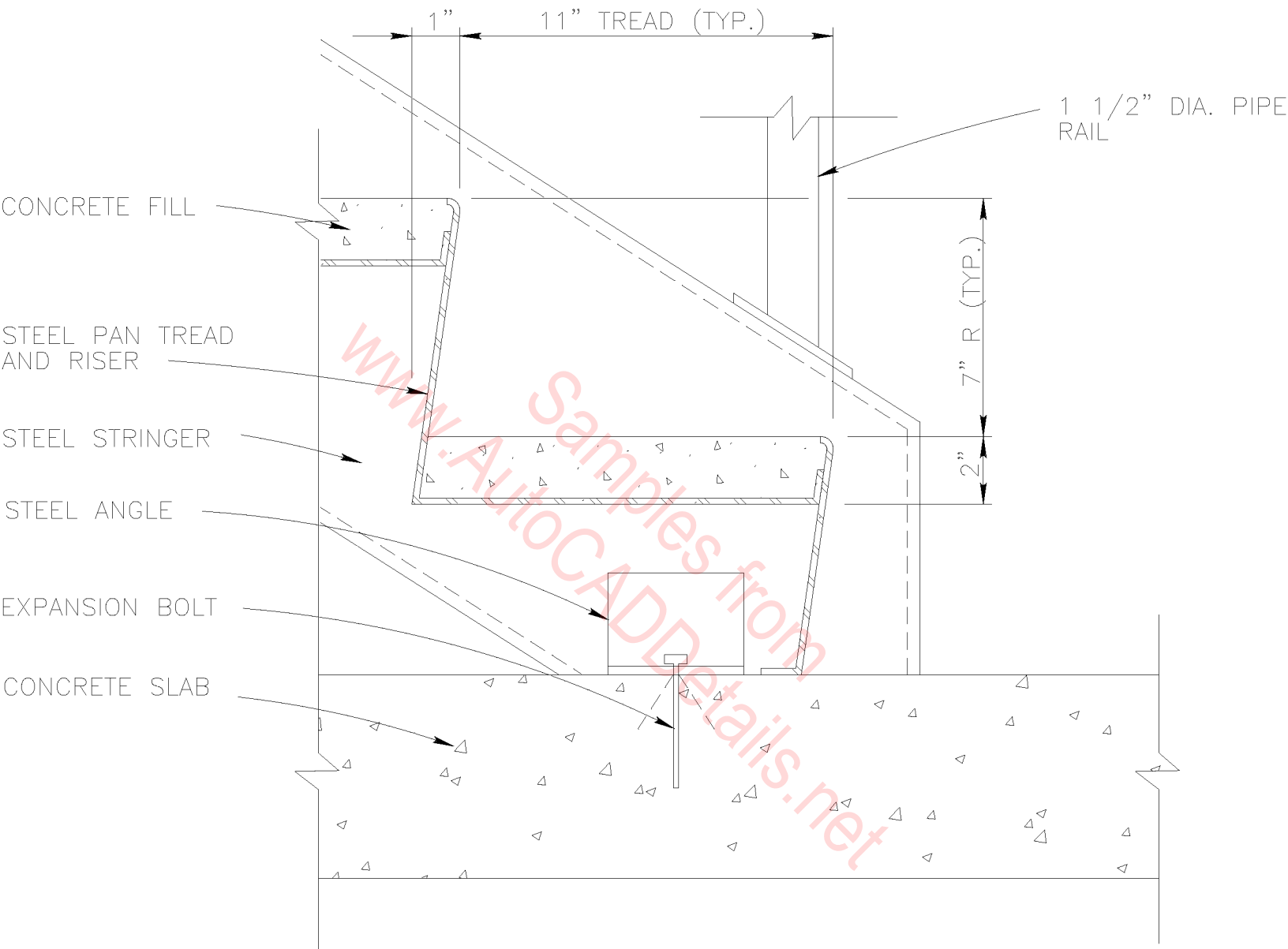
STEEL CHANNEL  
(SEE STRUCT.)

STEEL STRINGER

# LANDING DETAIL

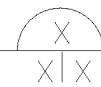
SCALE : 3" = 1'-0"



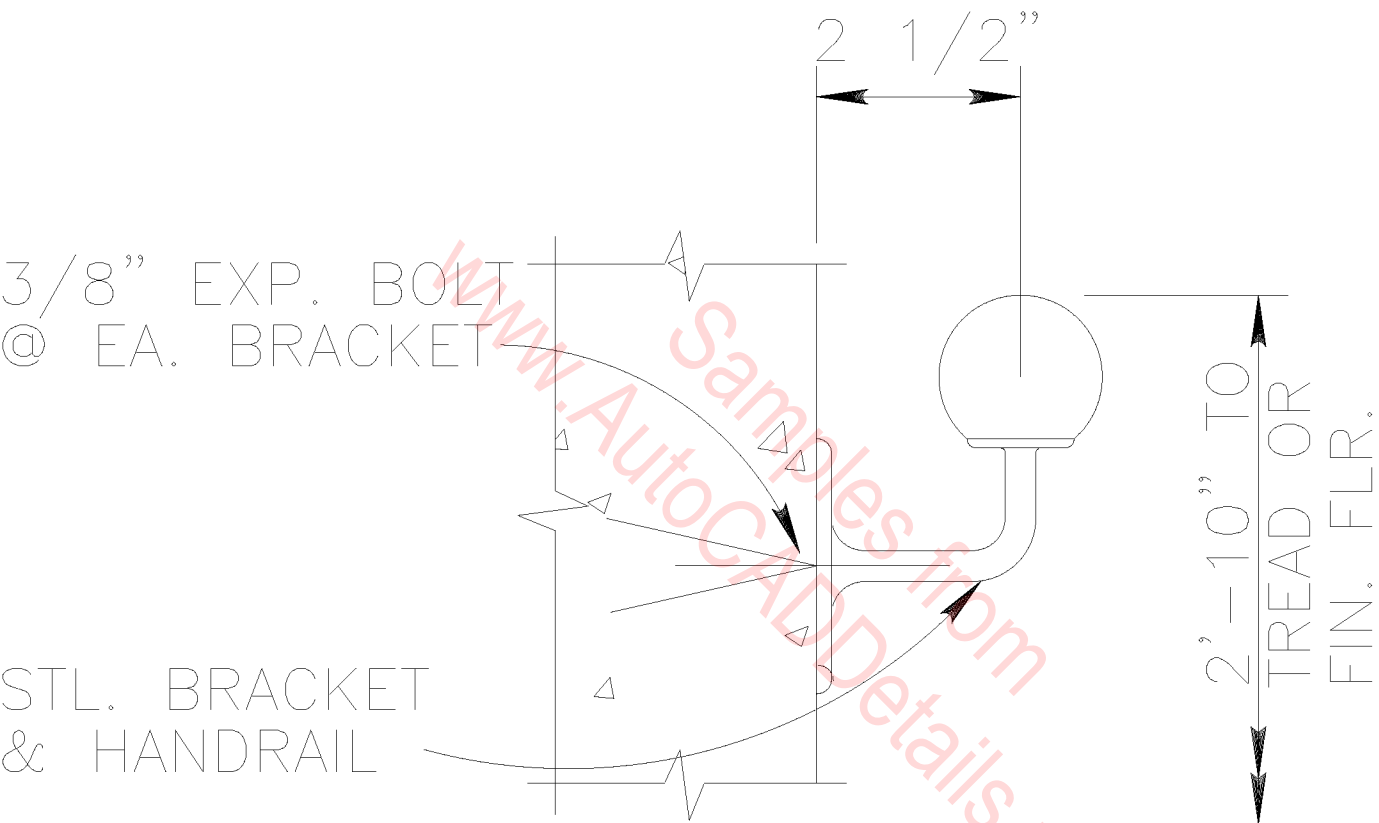


TREAD DETAIL

SCALE : 3" = 1'-0"

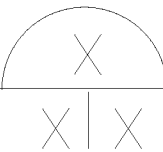




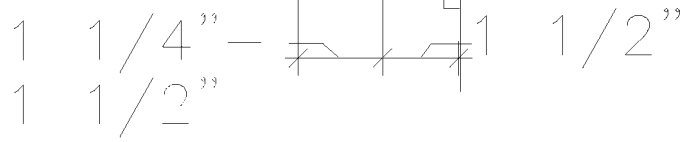


# HANDRAIL MOUNTING DETAIL

SCALE : 3" = 1'-0"

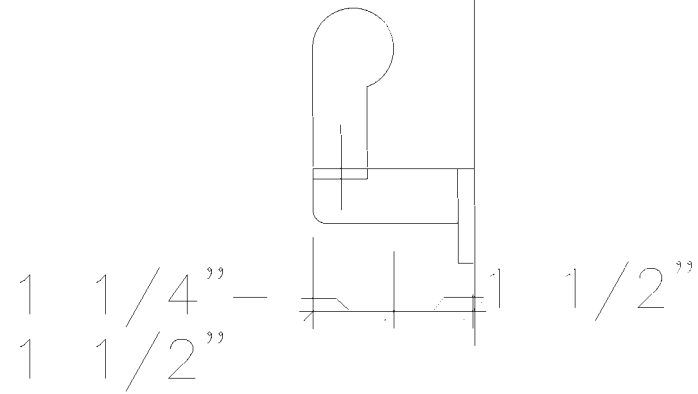


WALL SURFACE →

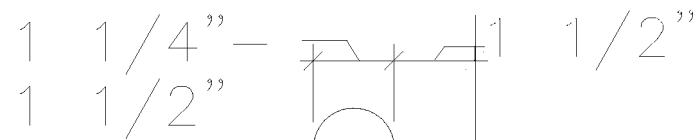


(A) GRAB BAR

WALL SURFACE →

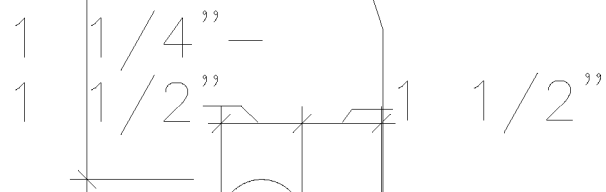


(B) HANDRAIL



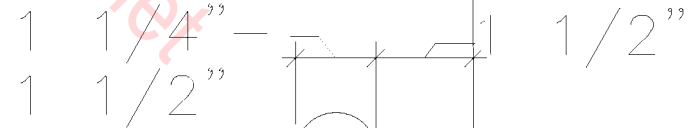
(C) HANDRAIL

18" MIN.



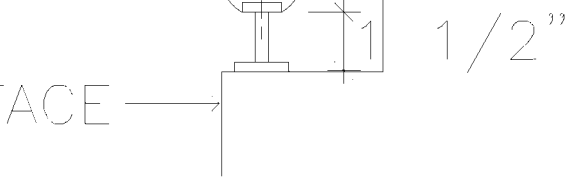
(E) HANDRAIL

WALL SURFACE →



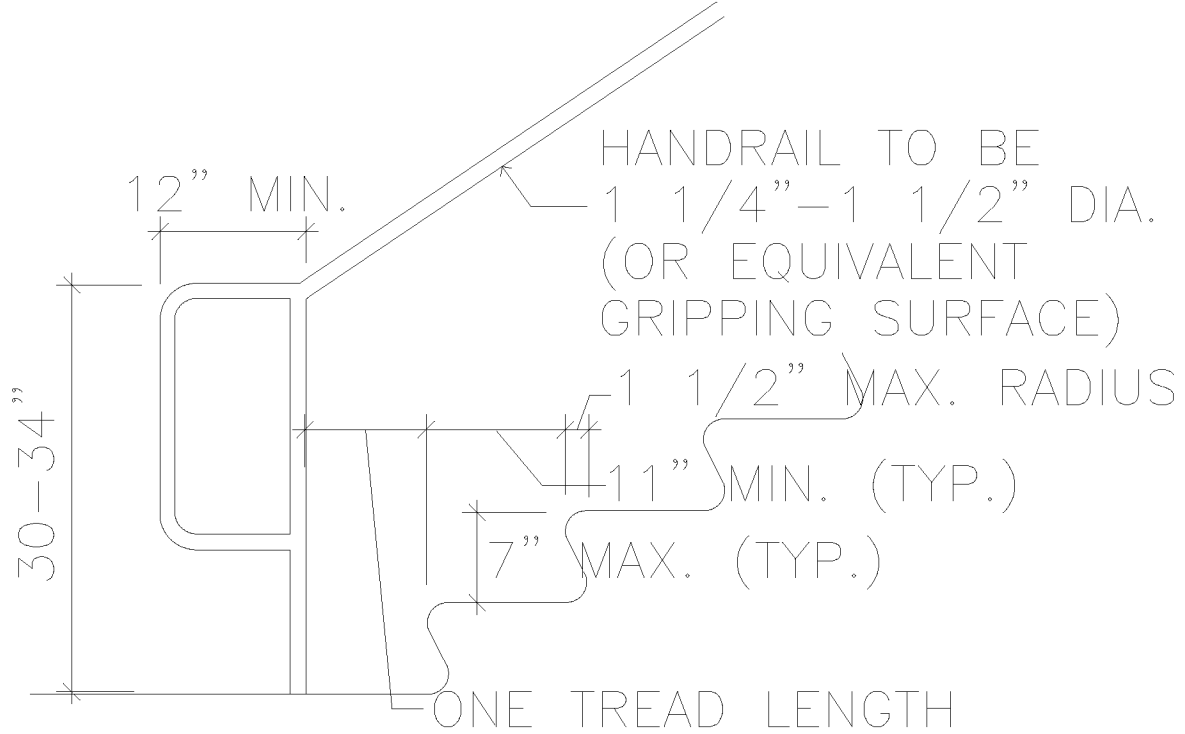
(D) HANDRAIL

WALL SURFACE →

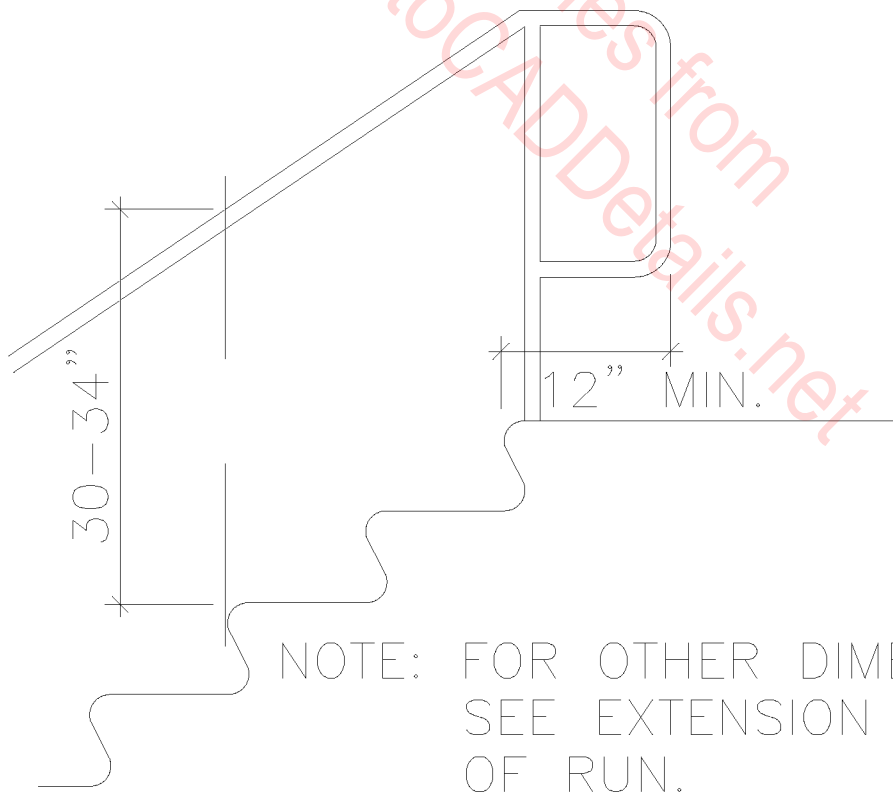


WALL SURFACE →

# HANDRAIL SECTIONS

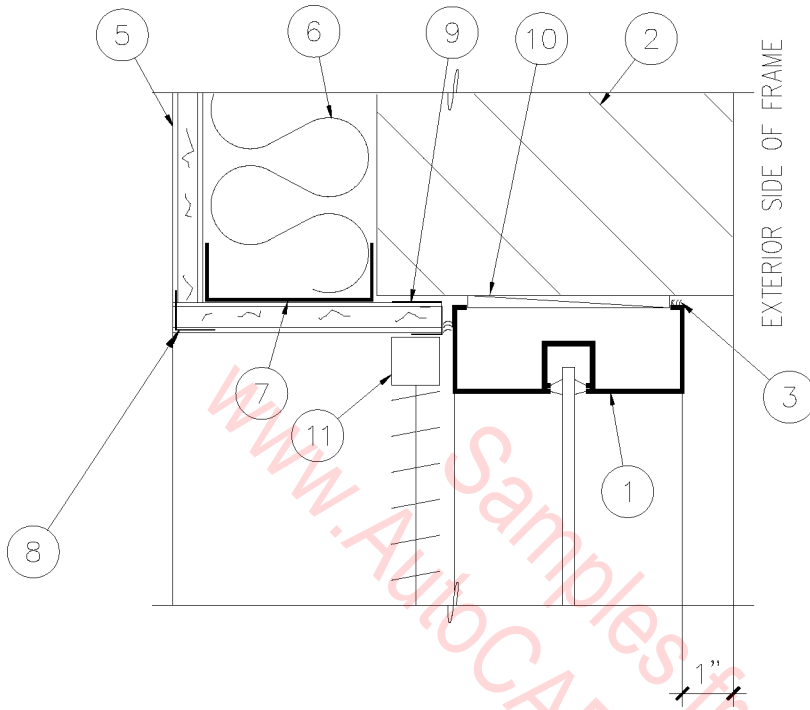


EXTENSION AT BOTTOM OF RUN



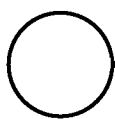
EXTENSION AT TOP OF RUN

# HANDRAIL @ STAIRS



HEAD CONDITION

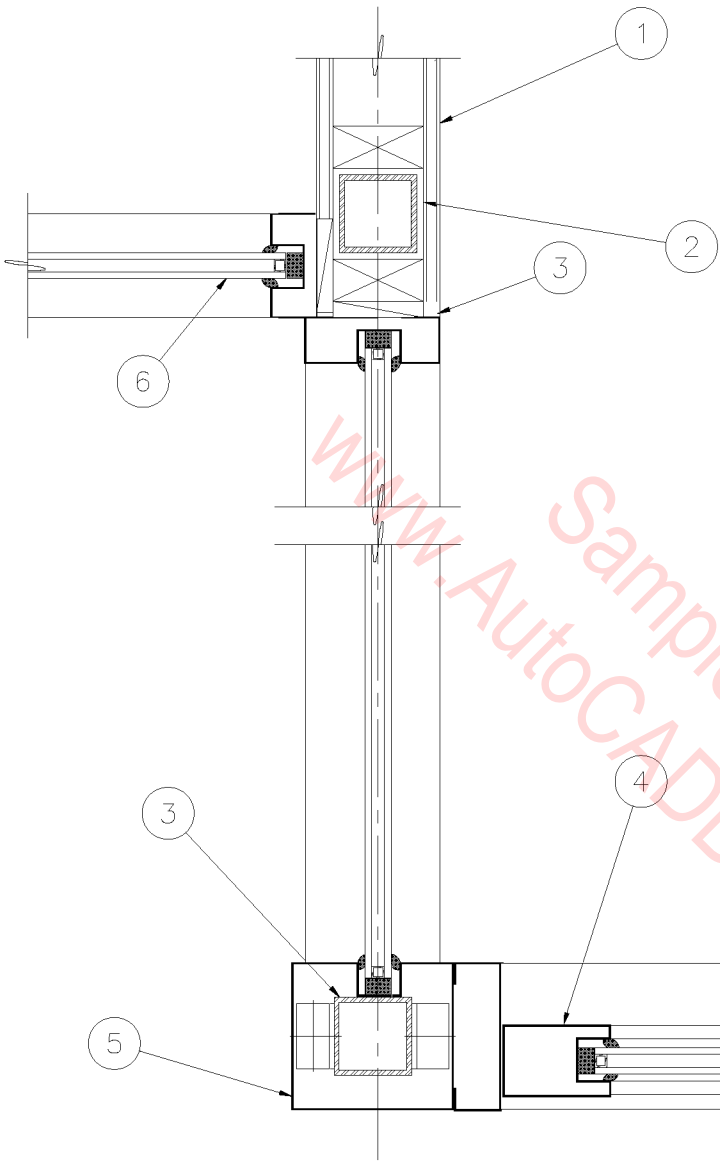
1. 1-3/4" X 4-1/2"  
ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT.
4. GLASS.
5. 5/8" TYPE 'X' GYPSUM BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.
11. WINDOW BLIND.



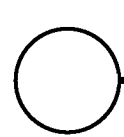
## ALUMINUM FRAME

3" = 1'-0"

08B-4001



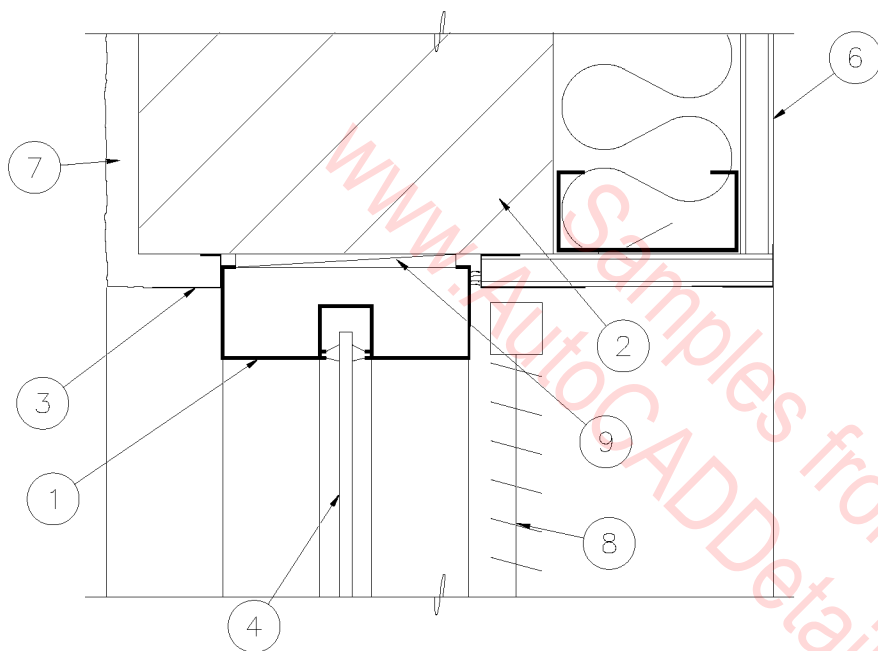
1. 5/8" GYPSUM BOARD.
2. 3" SQUARE TUBE
3. CAULK FRAME BOTH SIDES
4. ALUMINUM DOOR
5. CORNER FRAMING TO MATCH OTHER FRAMING.
6. 1" TINTED SOLAR BRONZE INSULATED GLASS.



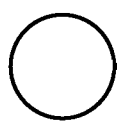
WINDOW/DOOR JAMB

1 1/2" = 1'-0"

08B-4002



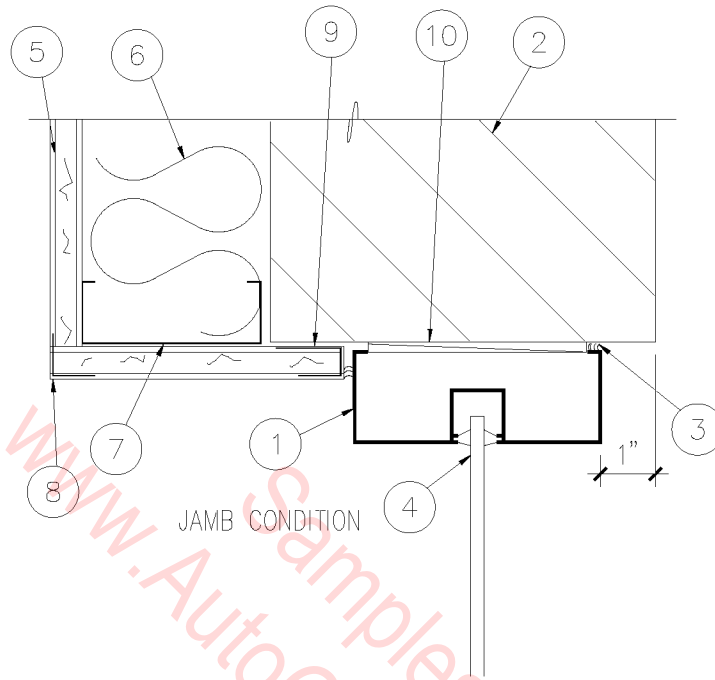
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. 'J' MOLD & SEALANT - TYPICAL BOTH SIDES.
4. 1/4" GLASS.
5. CORNER BEAD - TYPICAL.
6. 5/8" GYP. BOARD ON 3-5/8" METAL STUDS WITH R-11 BATT INSULATION.
7. 5/8" CEMENT PLASTER.
8. WINDOW BLIND.
9. SHIM.



ALUMINUM FRAME

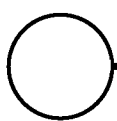
3" = 1'-0"

08B-4003



EXTERIOR SIDE OF FRAME

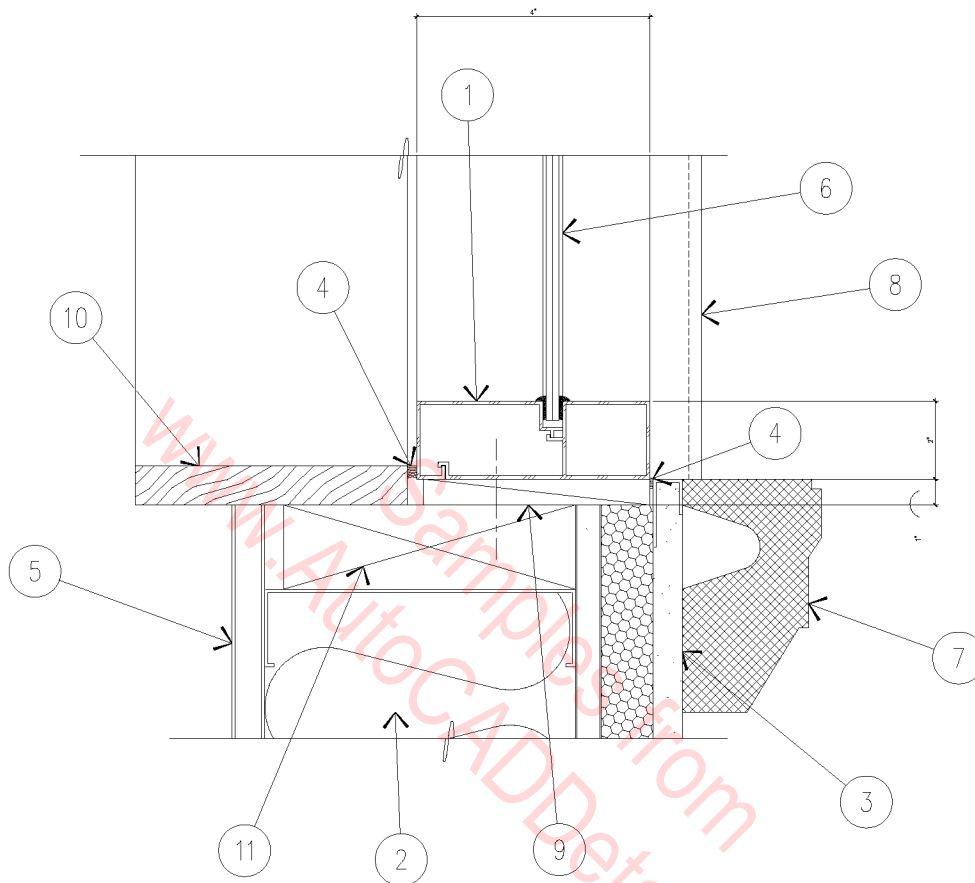
1. 1-3/4" X 4-1/2" ALUMINUM FRAMING SYSTEM.
2. MASONRY WALL.
3. SEALANT EACH SIDE.
4. GLASS.
5. 5/8" GYP. BOARD.
6. R-11 BATT INSULATION.
7. METAL STUDS.
8. CORNER BEAD.
9. CASING BEAD.
10. SHIM AS REQUIRED.



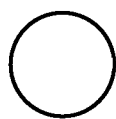
ALUMINUM FRAME

3" = 1'-0"

08B-4004



- |                               |  |
|-------------------------------|--|
| 1. ALUMINUM STOREFRONT FRAME. | 7. DECORATIVE MOLDING.                                   |
| 2. 6" METAL STUD WALL.        | 8. FLUTED CASING.  |
| 3. CEMENT STUCCO SYSTEM.      | 9. WOOD SHIM.  |
| 4. SILICONE SEALANT.          | 10. 5 1/4" X 3/4" WOOD SILL (BY TENANT),<br>PAINT GRADE. |
| 5. 5/8" GYPSUM BOARD.         | 11. CONTINUOUS 2 X 6 WOOD BLOCKING.                      |
| 6. GLAZING.                   |  |

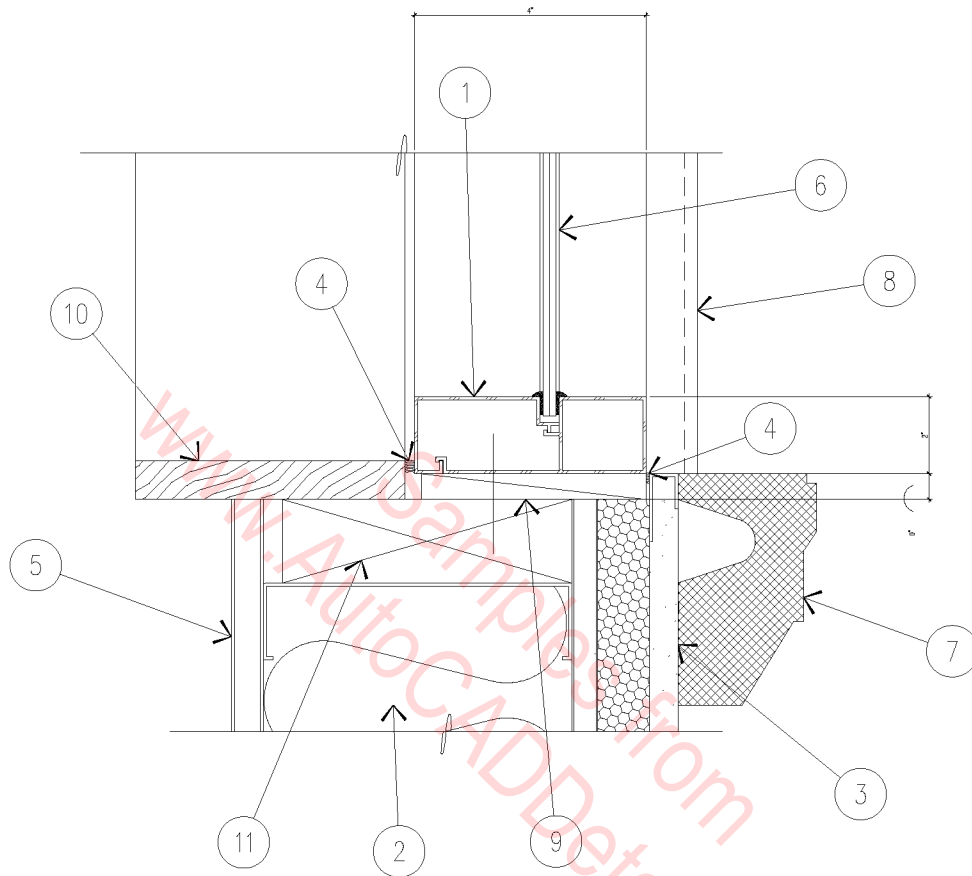


## STOREFRONT SILL

3" = 1'-0"

08B-4005

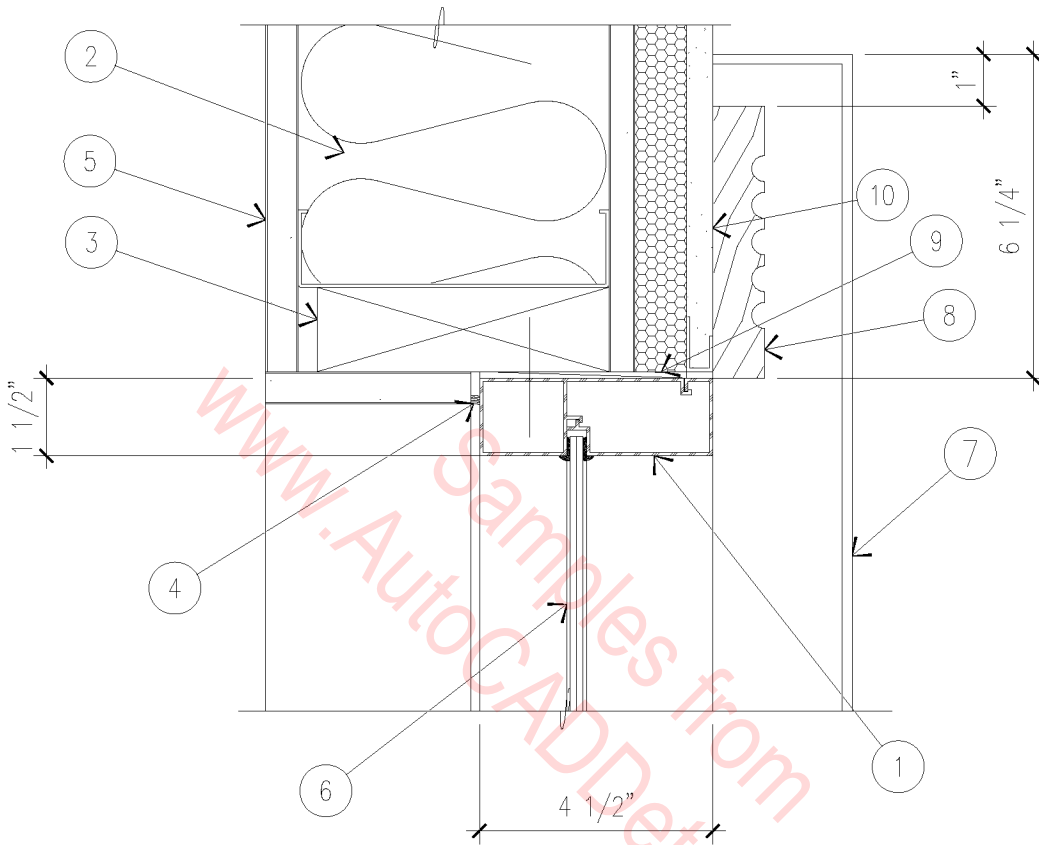




- |                               |  |
|-------------------------------|--|
| 1. ALUMINUM STOREFRONT FRAME. | 7. DECORATIVE MOLDING.                                   |
| 2. 6" METAL STUD WALL.        | 8. FLUTED CASING.  |
| 3. CEMENT STUCCO SYSTEM.      | 9. WOOD SHIM.  |
| 4. SILICONE SEALANT.          | 10. 5 1/4" X 3/4" WOOD SILL (BY TENANT),<br>PAINT GRADE. |
| 5. 5/8" GYPSUM BOARD.         | 11. CONTINUOUS 2 X 6 WOOD BLOCKING.                      |
| 6. GLAZING.                   |  |

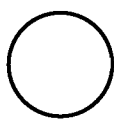
 STOREFRONT SILL  
 3" = 1'-0"

08B-4005



JAMB CONDITION - HEAD SIMILAR

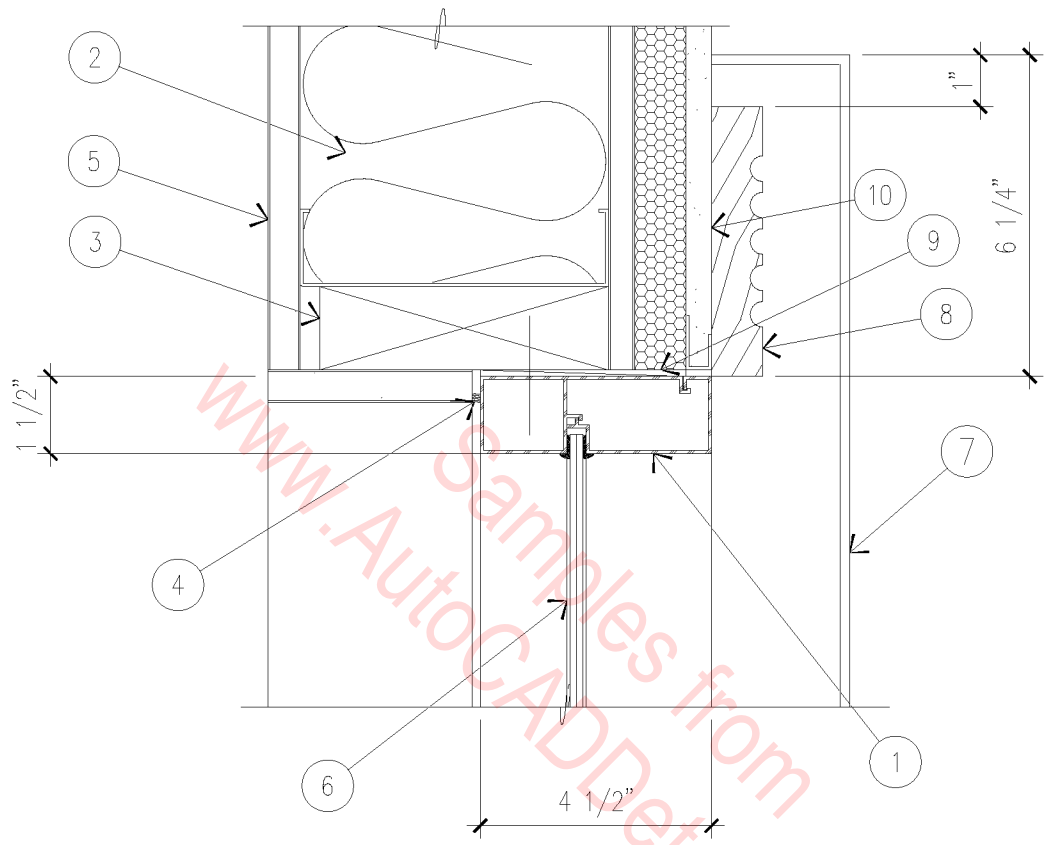
- |   |                                  |
|---|----------------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.            |
| 2. 6" METAL STUD WALL.                          | 6. GLAZING.                      |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. SILL MOLDING.                 |
| 4. SILICONE SEALANT.                            | 8. FLUTED CASING.                |
|   | 9. WOOD SHIM.                    |
|   | 10. CEMENT STUCCO FINISH SYSTEM. |



# STOREFRONT JAMB

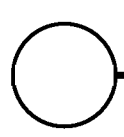
3" = 1'-0"

08B-4006



JAMB CONDITION - HEAD SIMILAR

- |   |                                  |
|---|----------------------------------|
| 1. ALUMINUM STOREFRONT FRAME.                   | 5. 5/8" GYPSUM BOARD.            |
| 2. 6" METAL STUD WALL.                          | 6. GLAZING.                      |
| 3. 2 X 4 CONTINUOUS FIRE TREATED WOOD BLOCKING. | 7. SILL MOLDING.                 |
| 4. SILICONE SEALANT.                            | 8. FLUTED CASING.                |
|   | 9. WOOD SHIM.                    |
|   | 10. CEMENT STUCCO FINISH SYSTEM. |

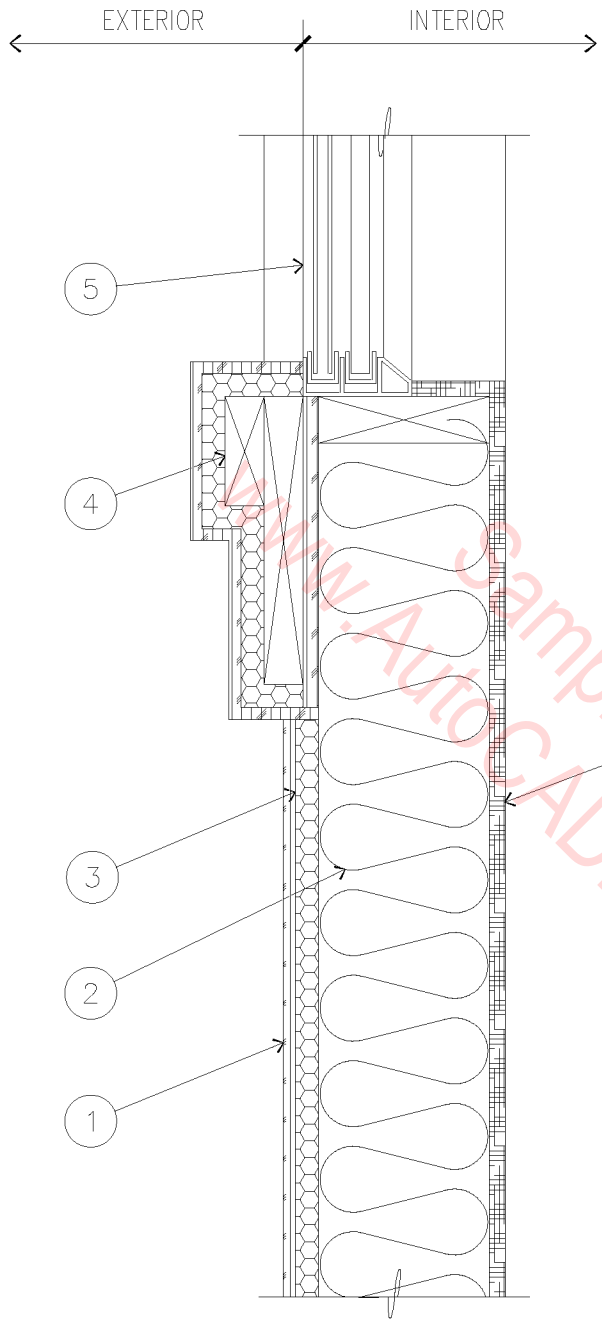


# STOREFRONT JAMB

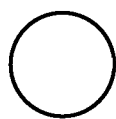
3" = 1'-0"

08B-4006





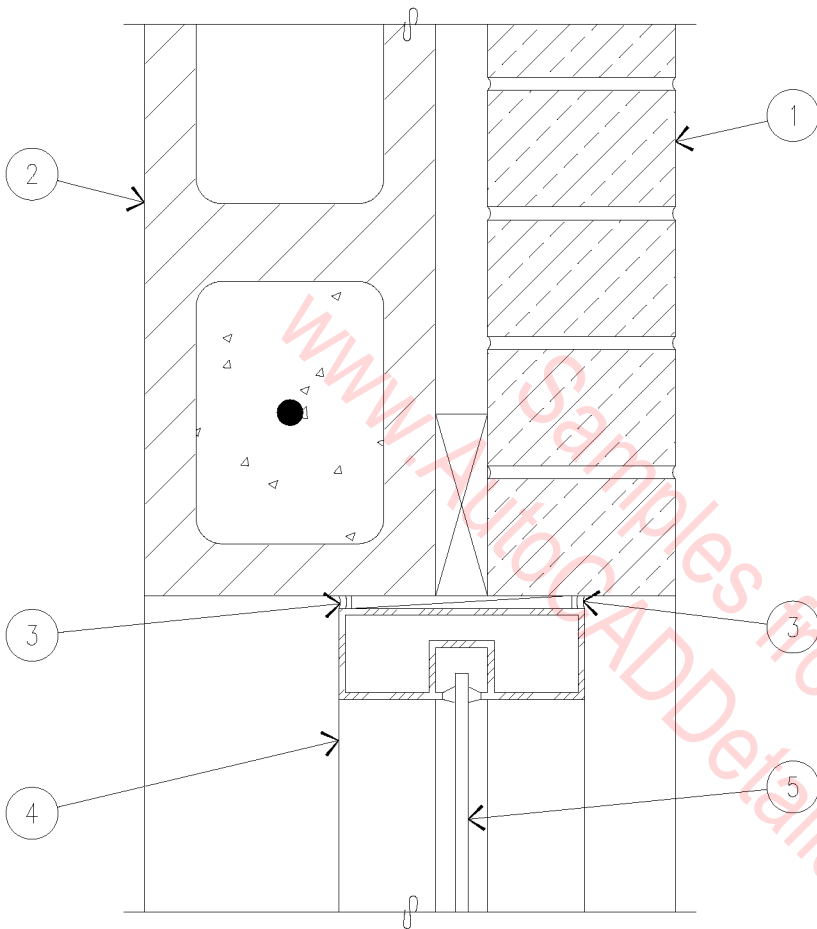
1. SYNTHETIC STUCCO APPLIED TO WIRE MESH, 3/4" R5.4 FOAM AND 3/8" WAFERBOARD SHEATHING - PAINTED.
2. R-19 FIBERGLASS INSULATION.
3. 2 X 6 STUD WALL @ 16" O.C.
4. 5/4" X 3 1/2" ON 5/4" X 9 1/2" HARDBOARD TRIM.
5. WINDOW WITH 'L' FLASHING AT TOP (TYP.) - SEE WINDOW SCHEDULE.
6. 1/2" GYPSUM BOARD.



# STUCCO LEDGE

1 1/2" = 1'-0"

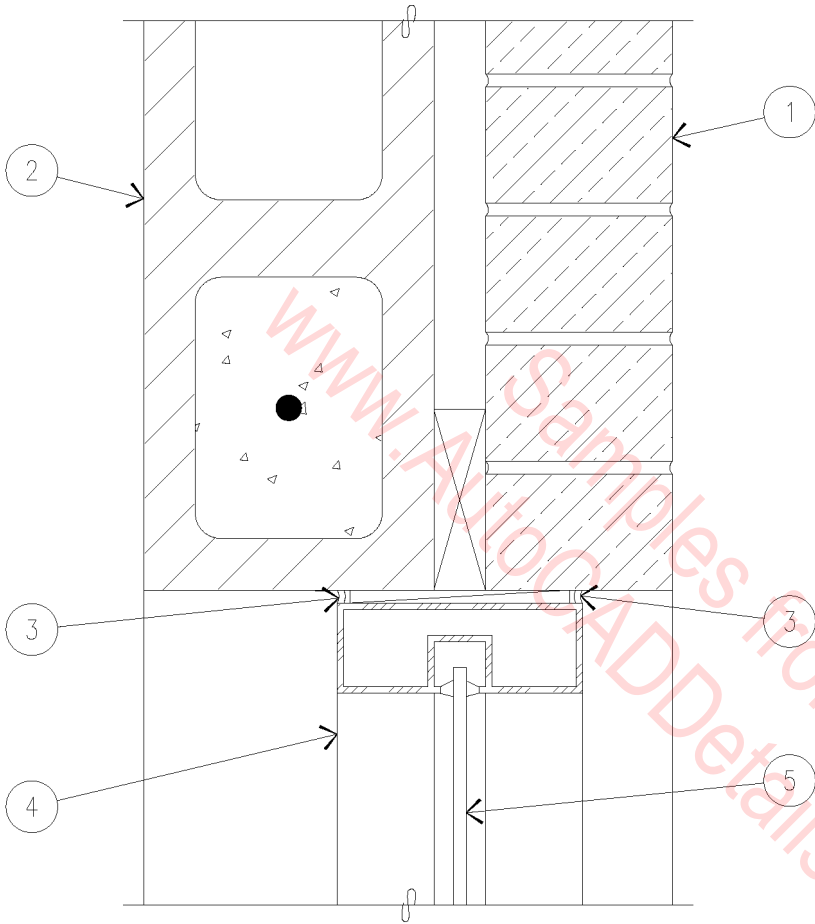
08B-1002



1. 4" FACE BRICK.
2. 6" CMU.
3. SEALANT AT BOTH SIDES OF FRAME.
4. ALUMINUM WINDOW.
5. 1/4" TEMPERED GLASS.

○ WINDOW JAMB  
 3" = 1'-0"

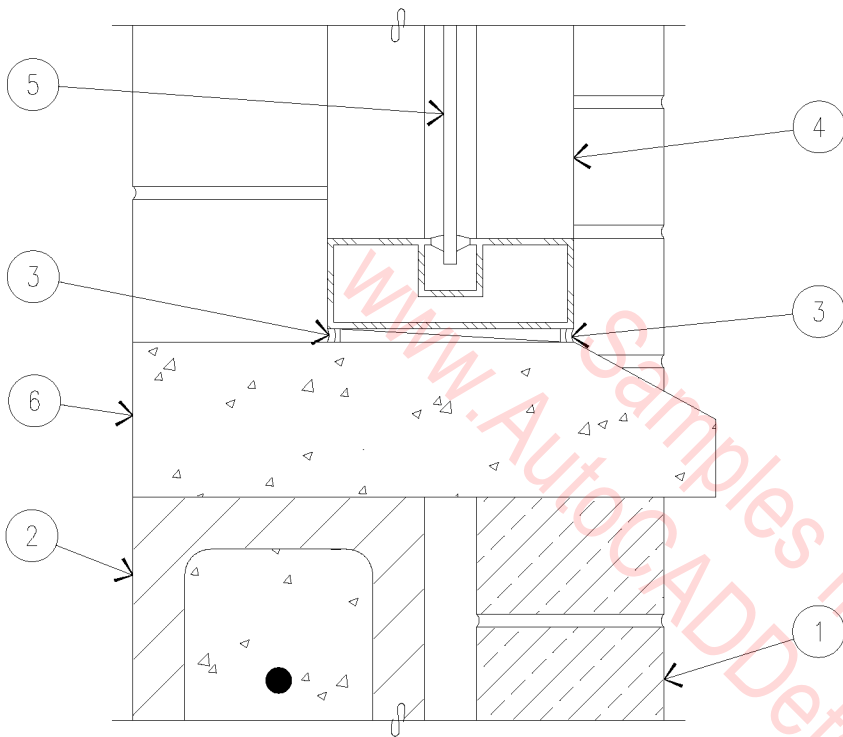
08B-1003



1. 4" FACE BRICK.
2. 6" CMU.
3. SEALANT AT BOTH SIDES OF FRAME.
4. ALUMINUM WINDOW.
5. 1/4" TEMPERED GLASS.

 WINDOW JAMB  
 3" = 1'-0"

08B-1003

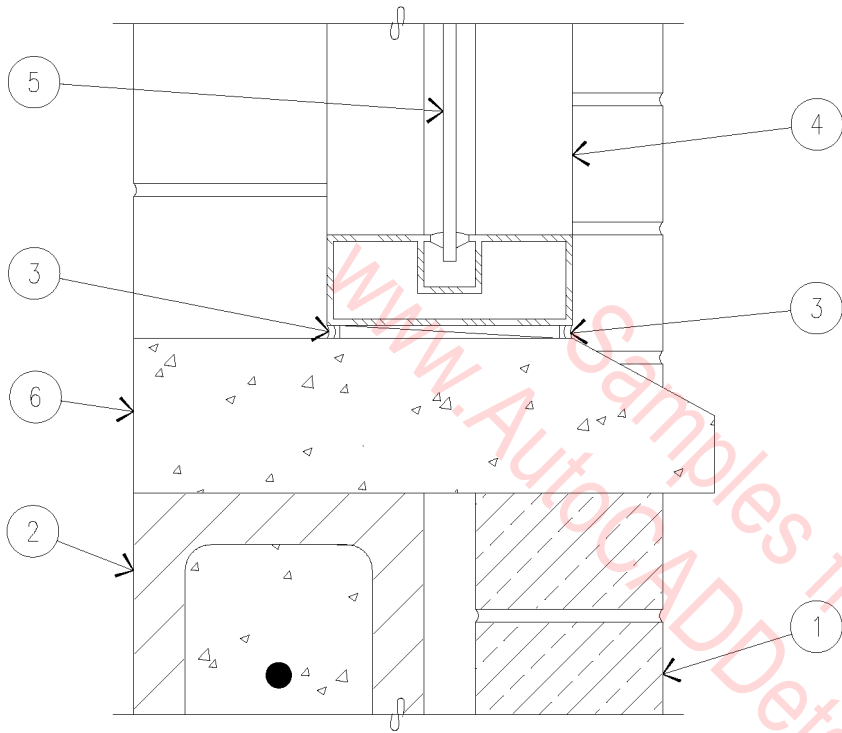


1. 4" FACE BRICK.
2. 6" CMU.
3. SEALANT AT BOTH SIDES OF FRAME.
4. ALUMINUM WINDOW.
5. 1/4" TEMPERED GLASS.
6. CONCRETE SILL.

○ WINDOW SILL  
 3" = 1'-0"

08B-1004

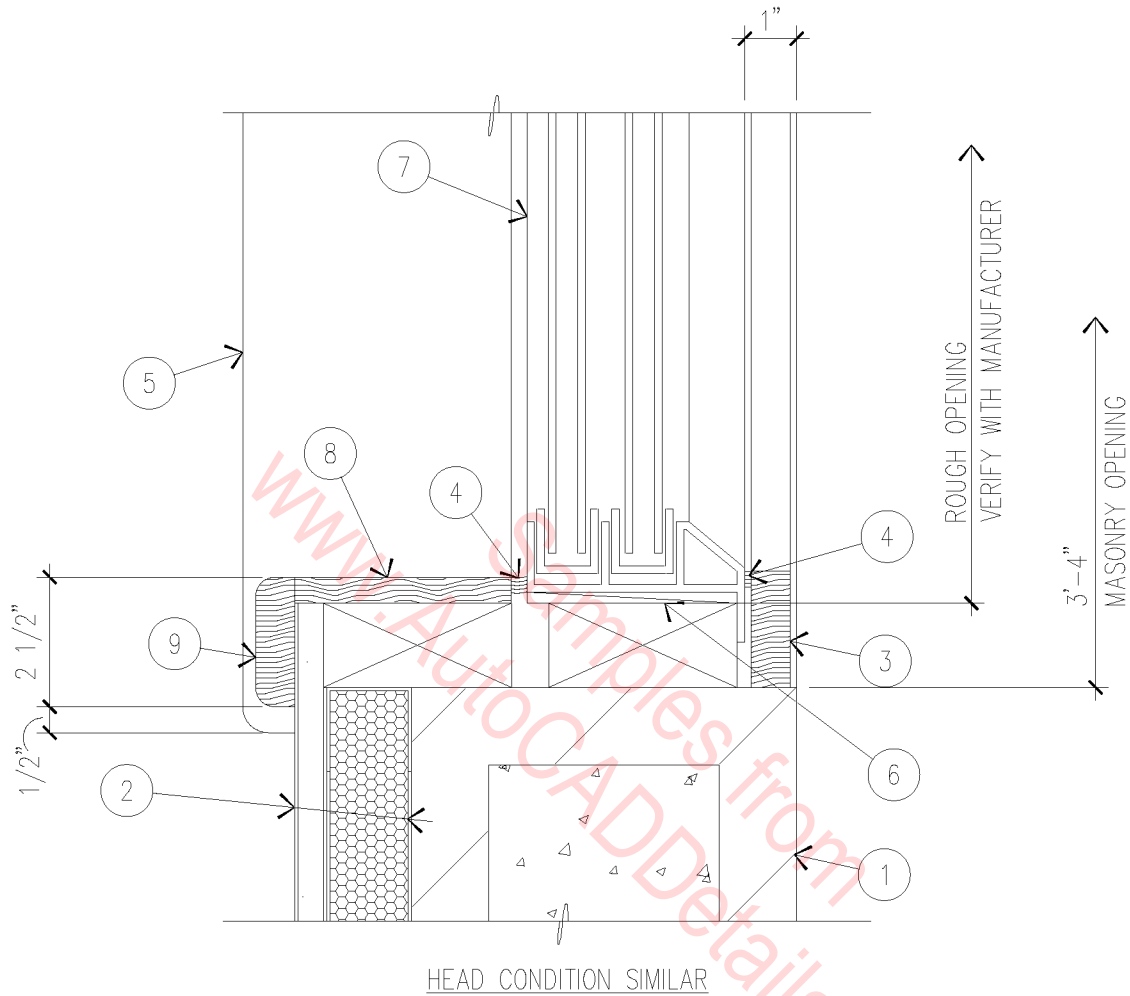




1. 4" FACE BRICK.
2. 6" CMU.
3. SEALANT AT BOTH SIDES OF FRAME.
4. ALUMINUM WINDOW.
5. 1/4" TEMPERED GLASS.
6. CONCRETE SILL.

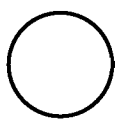

 WINDOW SILL  
 3" = 1'-0"

08B-1004



HEAD CONDITION SIMILAR

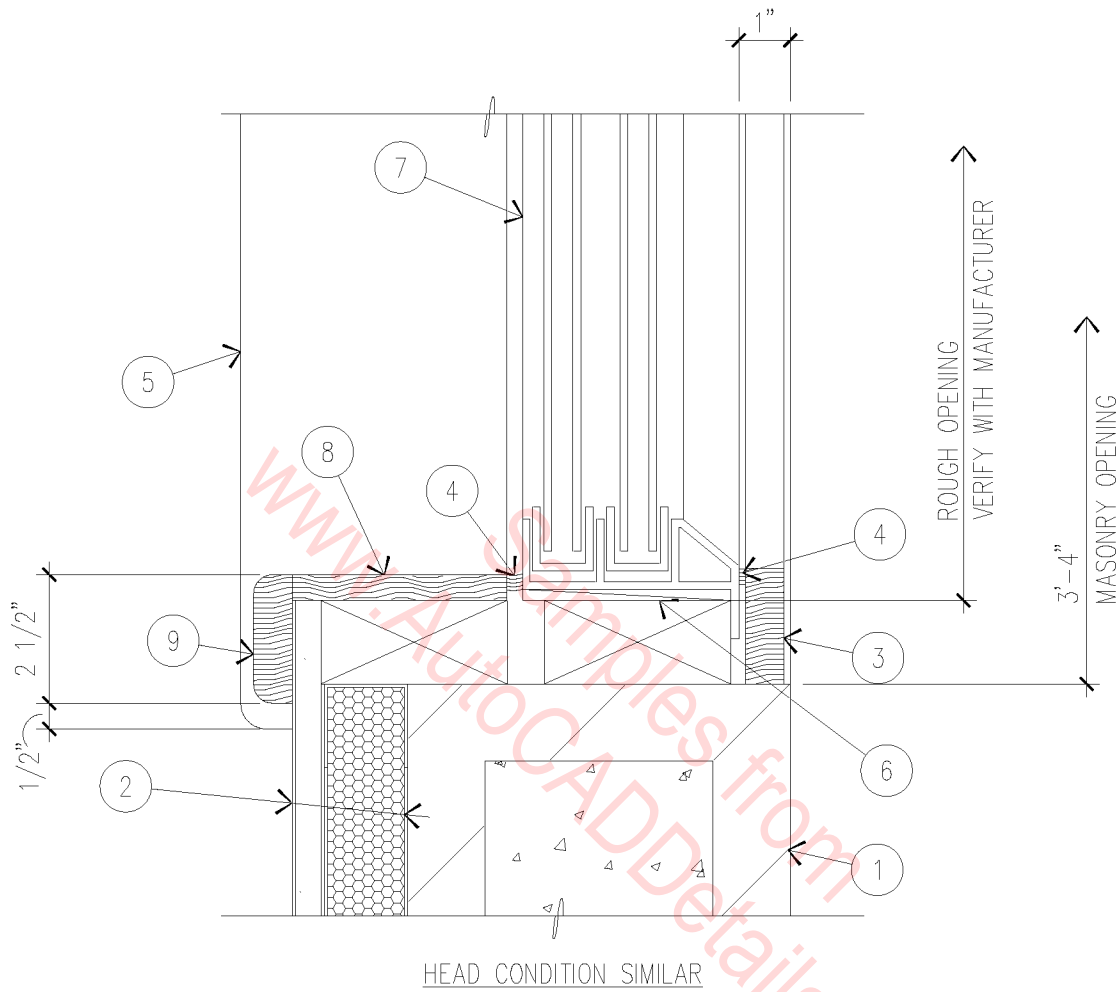
- |   |   |
|---|---|
| 1. 8" MASONRY WALL.   | 5. 3/4" BIRCH SILL, STAIN AND SEAL.         |
| 2. 5/8" GYPSUM BOARD OVER 1/5/8" 'Z' FURRING STRIPS AT 24" O.C.           | 6. WOOD SHIMS.                              |
| 3. 3/4" THICK HIGH DENSITY FIBERBOARD TRIM - PAINT TO MATCH WINDOW FRAME. | 7. SINGLE HUNG ALUMINUM WINDOW.             |
| 4. SILICONE SEALANT.  | 8. 1/2" THICK BIRCH JAMB - STAIN AND SEAL.  |
|   | 9. 3/4" BIRCH JAMB CASING - STAIN AND SEAL. |



# ALUMINUM WINDOW JAMB

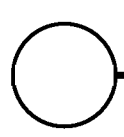
3" = 1'-0"

08B-1005



HEAD CONDITION SIMILAR

- |   |   |
|---|---|
| 1. 8" MASONRY WALL.   | 5. 3/4" BIRCH SILL, STAIN AND SEAL.         |
| 2. 5/8" GYPSUM BOARD OVER 1/5/8" 'Z' FURRING STRIPS AT 24" O.C.           | 6. WOOD SHIMS.                              |
| 3. 3/4" THICK HIGH DENSITY FIBERBOARD TRIM - PAINT TO MATCH WINDOW FRAME. | 7. SINGLE HUNG ALUMINUM WINDOW.             |
| 4. SILICONE SEALANT.  | 8. 1/2" THICK BIRCH JAMB - STAIN AND SEAL.  |
|   | 9. 3/4" BIRCH JAMB CASING - STAIN AND SEAL. |

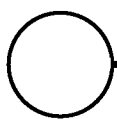
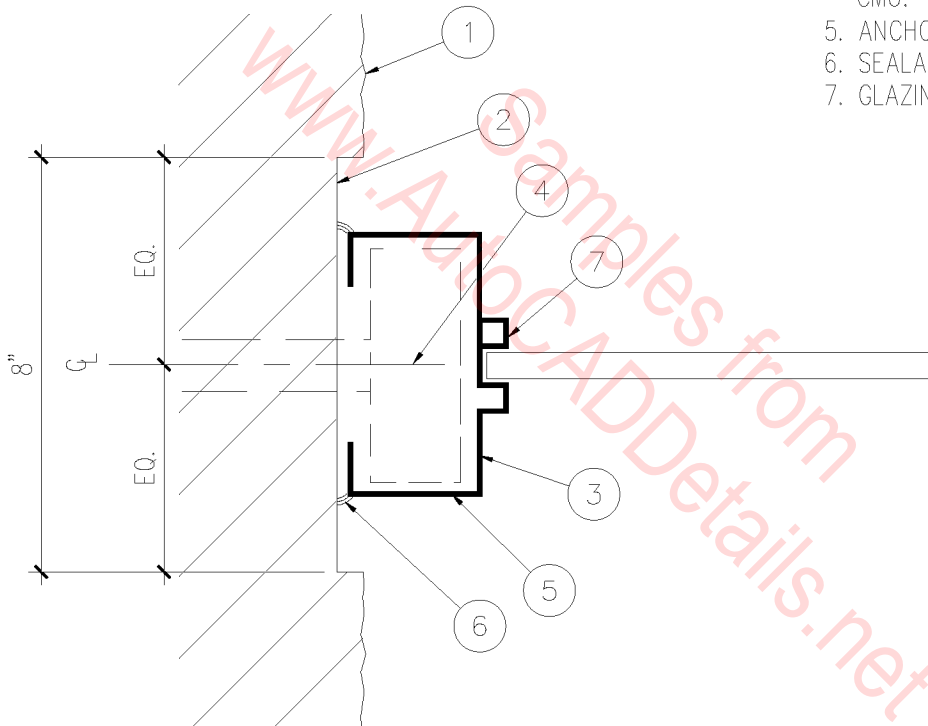


# ALUMINUM WINDOW JAMB

3" = 1'-0"

08B-1005

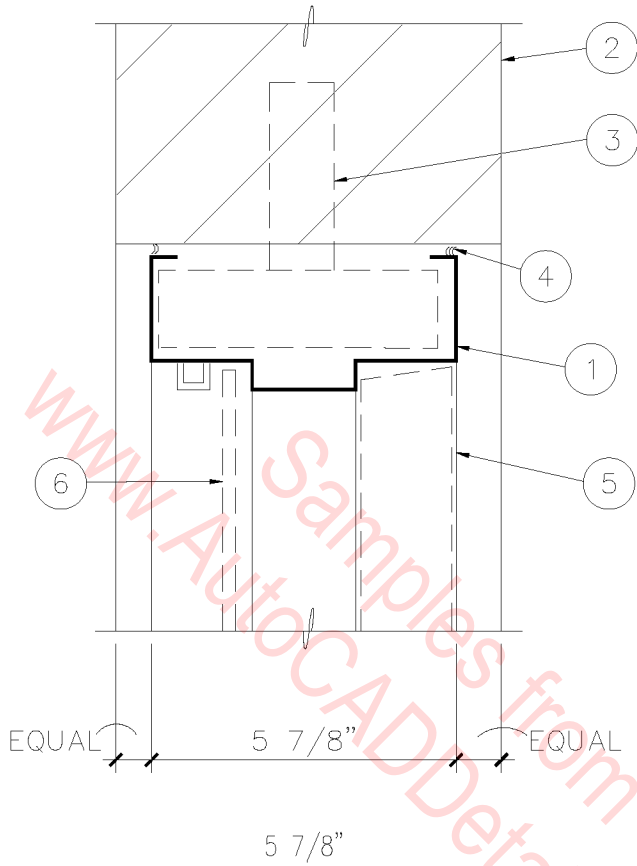
1. BAND OF SPLITFACE CMU.
2. 8" WIDE VERTICAL "STRIP" OF REGULAR CMU.
3. HOLLOW METAL FRAMES.
4. FRAMES TO BE CENTERED ON VERTICAL "STRIP" OF REGULAR CMU.
5. ANCHOR.
6. SEALANT.
7. GLAZING STOP.



# HOLLOW METAL FRAME

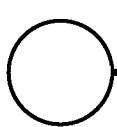
3" = 1'-0"

08B-6001



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

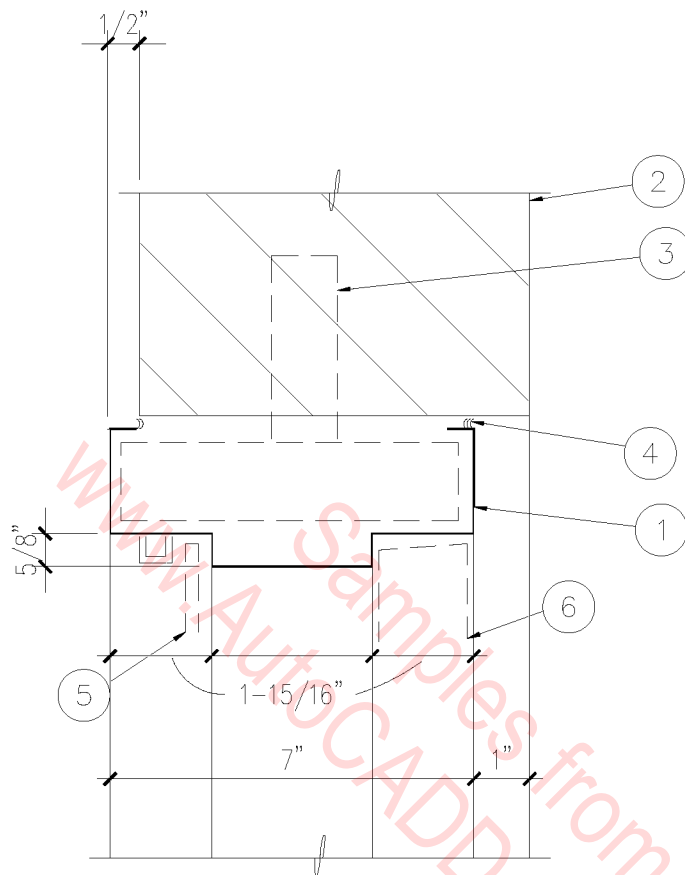
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. DOOR WHERE APPLICABLE.
6. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL FRAME

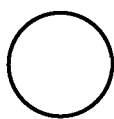
3" = 1'-0"

08B-6002



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

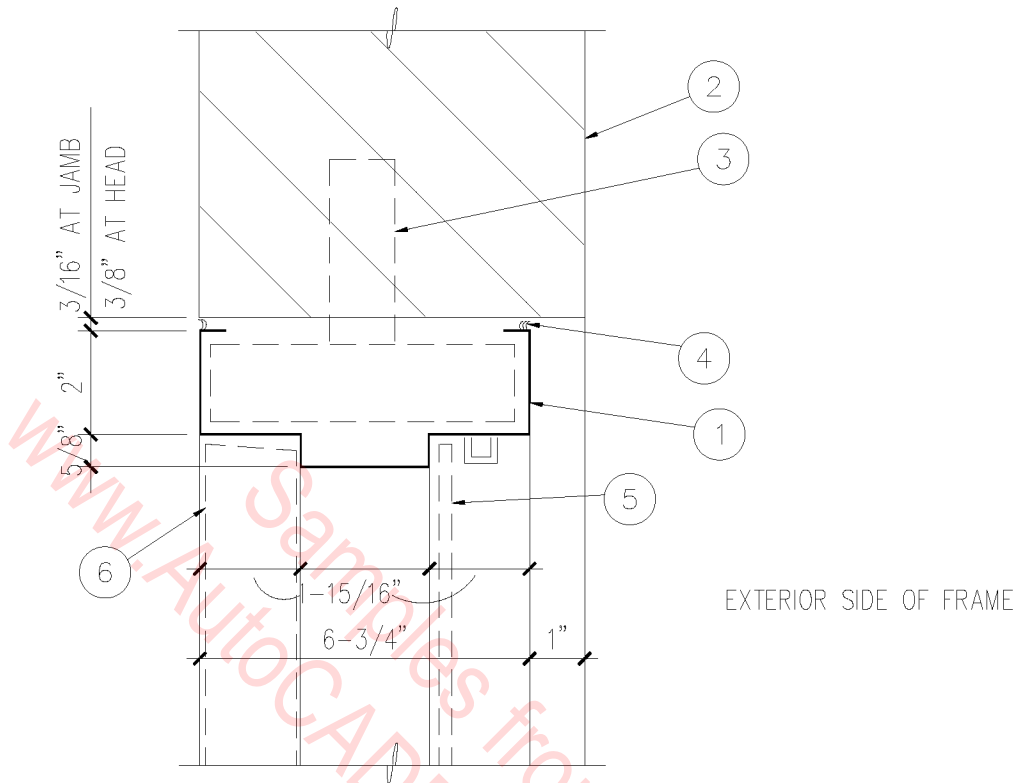
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
6. DOOR WHERE APPLICABLE.



# HOLLOW METAL FRAME

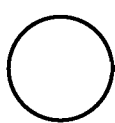
3" = 1'-0"

08B-6003



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

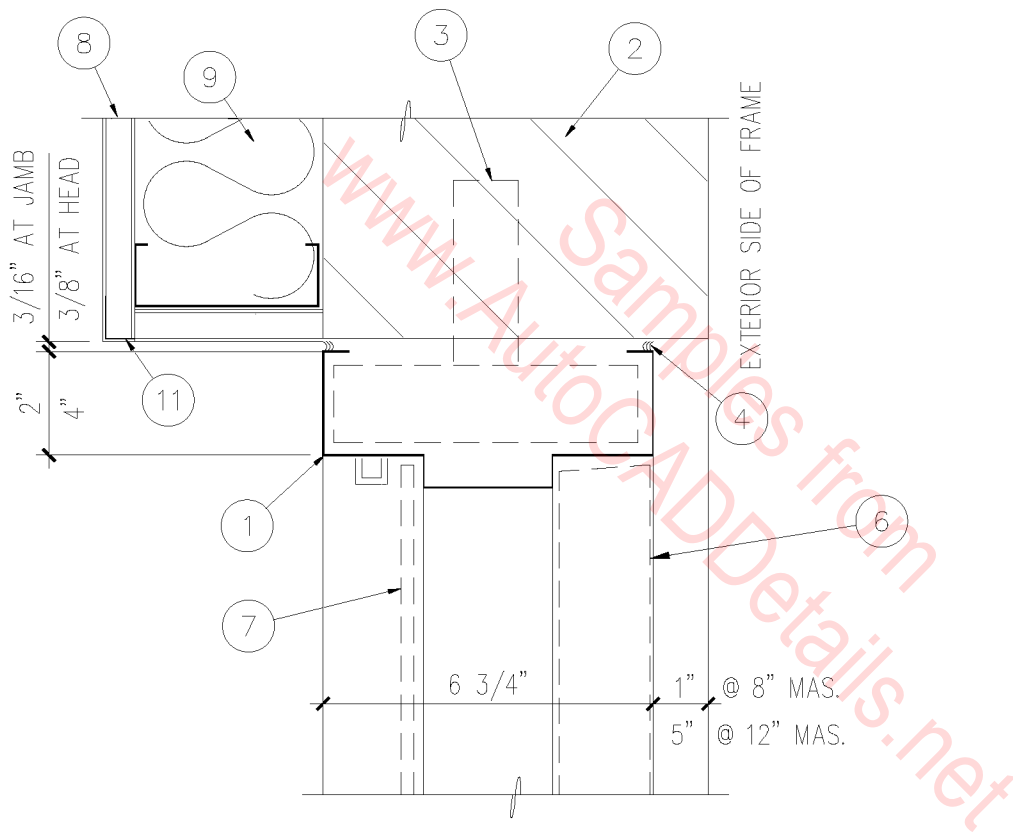
1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
6. DOOR WHERE APPLICABLE.



HOLLOW METAL FRAME

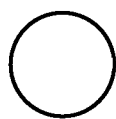
3" = 1'-0"

08B-6004



1. HOLLOW METAL FRAME.
2. MASONRY WALL.
3. MASONRY ANCHORS AT JAMB.
4. SEALANT EACH SIDE.
5. DOOR WHERE APPLICABLE.
6. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
7. 5/8" GYP. BOARD.
8. R-11 BATT INSULATION.
9. METAL STUDS.
10. CORNER BEAD.

JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

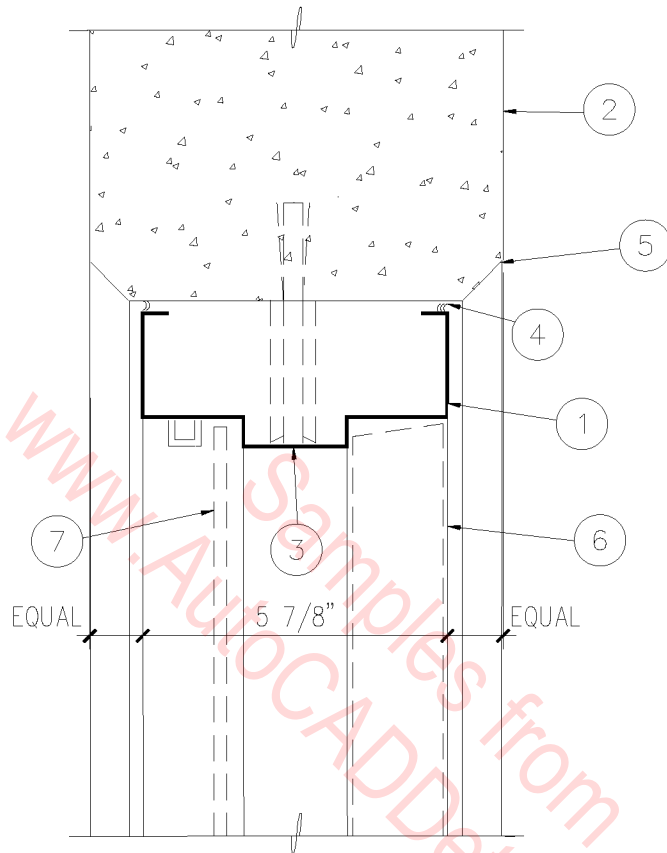


## HOLLOW METAL FRAME

3" = 1'-0"

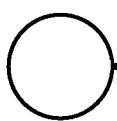
08B-6005





JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

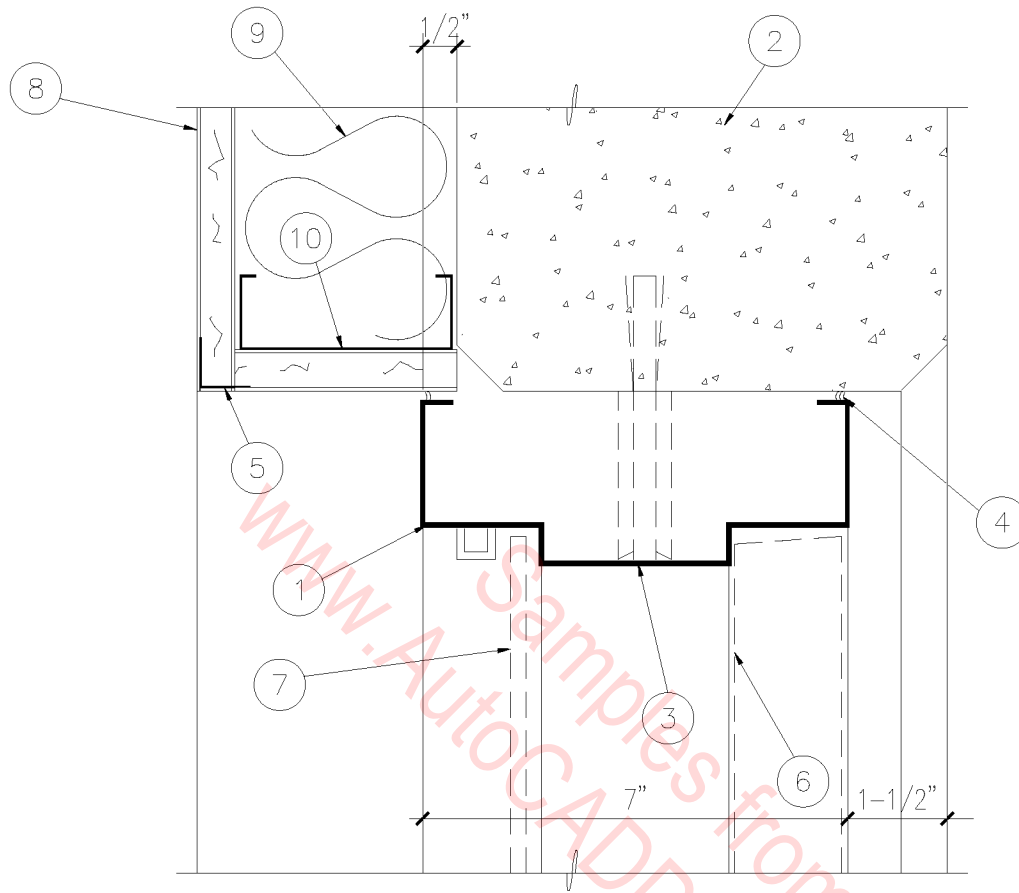
1. HOLLOW METAL FRAME, DIMPLE FRAMES AS REQUIRED.
2. CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. 3/4" CHAMFER.
6. DOOR WHERE APPLICABLE.
7. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



## HOLLOW METAL FRAME

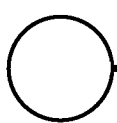
3" = 1'-0"

08B-6006



JAMB CONDITION — HEAD & WINDOW SILL SIMILAR

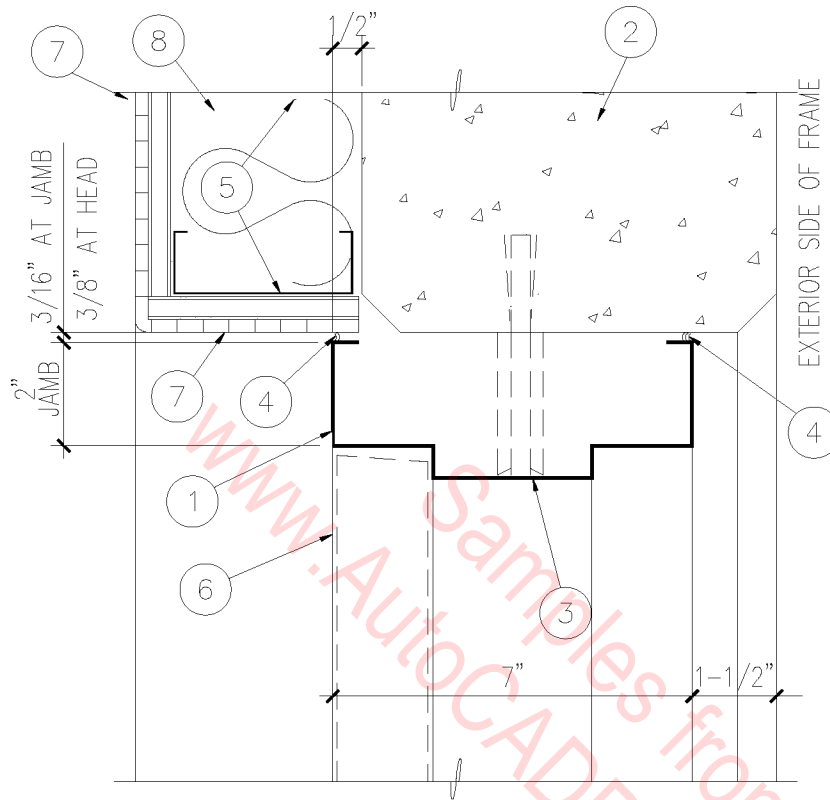
1. HOLLOW METAL FRAME, DIMPLE FRAMES AS REQUIRED.
2. CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. CORNER BEAD.
6. DOOR WHERE APPLICABLE, SEE PLAN & SCHEDULE.
7. GLAZING WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
8. 5/8" GYP. BOARD.
9. R-11 BATT INSULATION.
10. METAL STUDS AT 24" O.C.



HOLLOW METAL FRAME

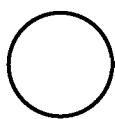
3" = 1'-0"

08B-6007



JAMB CONDITION - HEAD SIMILAR

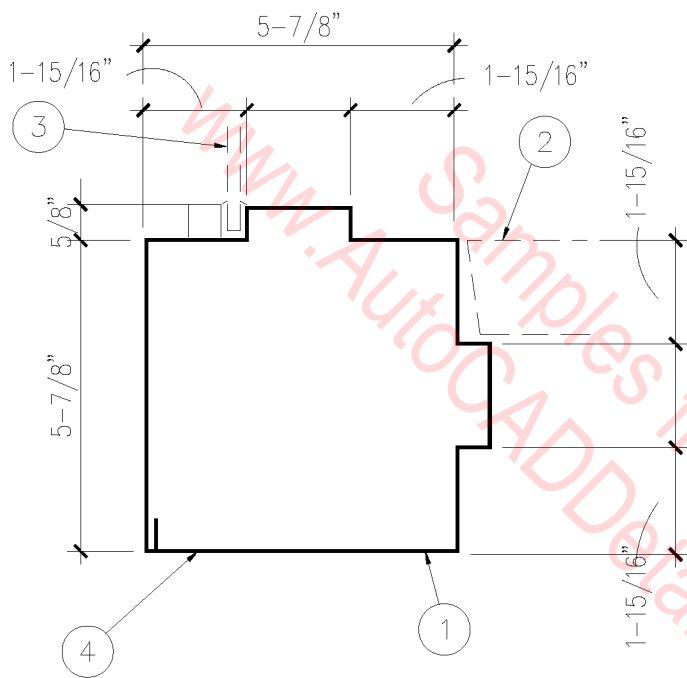
1. HOLLOW METAL FRAME.
2. PRECAST CONCRETE WALL.
3. 3/8" BOLTS & EXPANSION SLEEVES, FILL HEADS AND GRIND SMOOTH.
4. SEALANT EACH SIDE.
5. METAL STUDS AT 24" O.C.
6. DOOR WHERE APPLICABLE.
7. 1/4" CERAMIC TILE THIN SET ON 7/16" GLASS MESH MORTAR UNIT.
8. R-11 BATT INSULATION.



# HOLLOW METAL FRAME

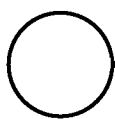
SCALE: 3" = 1'-0"

08B-6008



CORNER VERTICAL MULLION

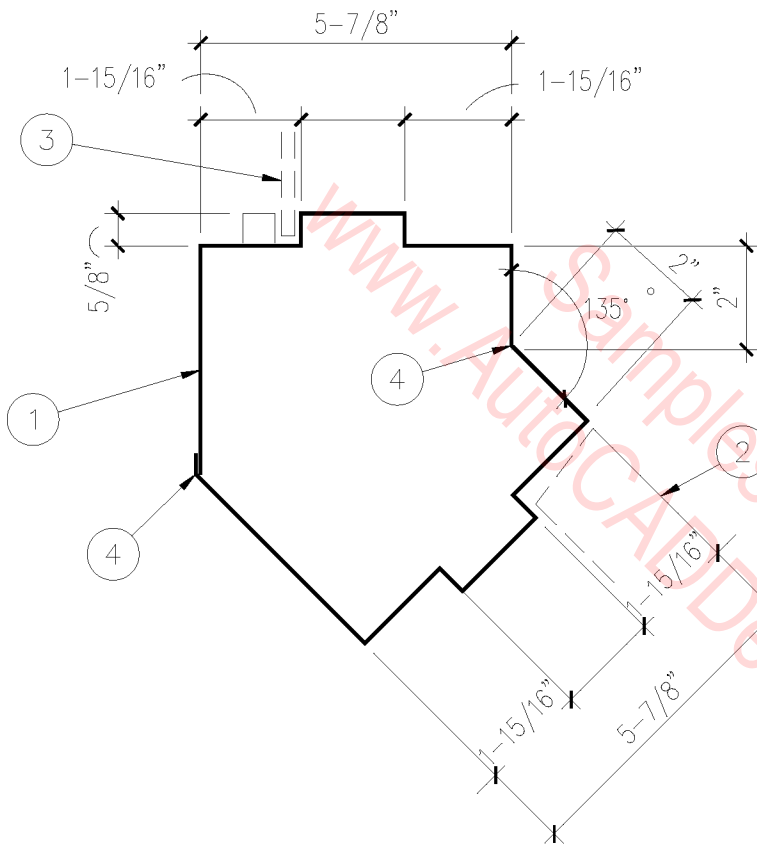
1. HOLLOW METAL FRAME.
2. DOOR WHERE APPLICABLE.
3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
4. CONTINUOUS WELD AND GRIND SMOOTH.



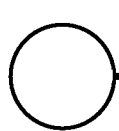
HOLLOW METAL MULLION

3" = 1'-0"

08B-6009



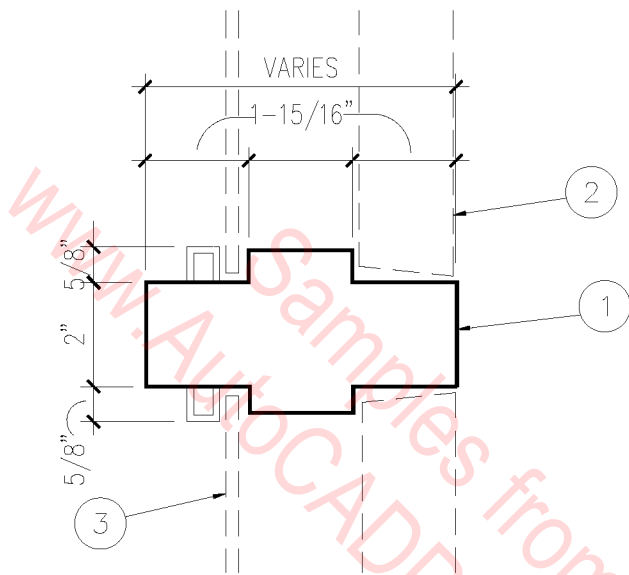
1. HOLLOW METAL FRAME.
2. DOOR WHERE APPLICABLE.
3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
4. CONTINUOUS WELD AND GRIND SMOOTH.



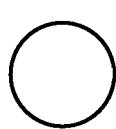
HOLLOW METAL MULLION

3" = 1'-0"

08B-6010



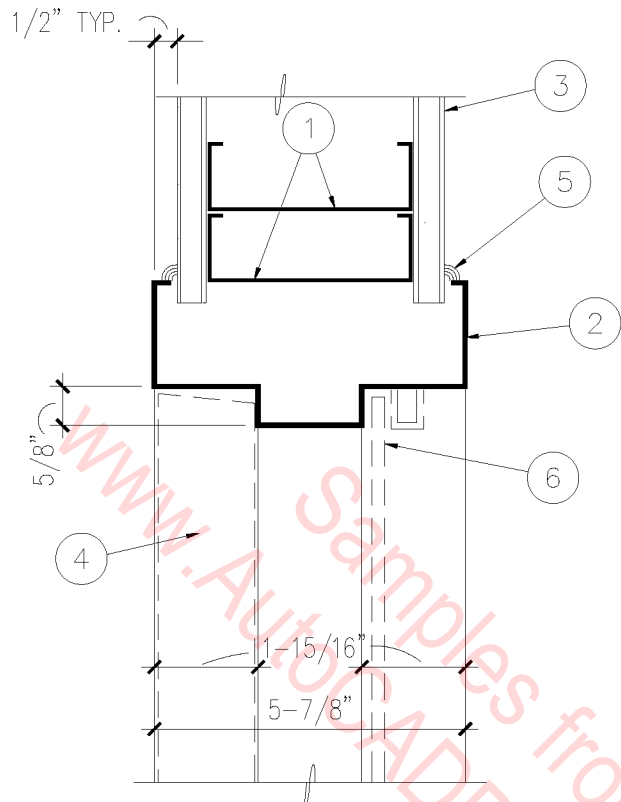
- 1. HOLLOW METAL FRAME.
- 2. DOOR WHERE APPLICABLE.
- 3. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.



# HOLLOW METAL MULLION

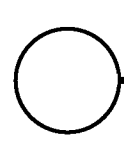
3" = 1'-0"

08B-6011



JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

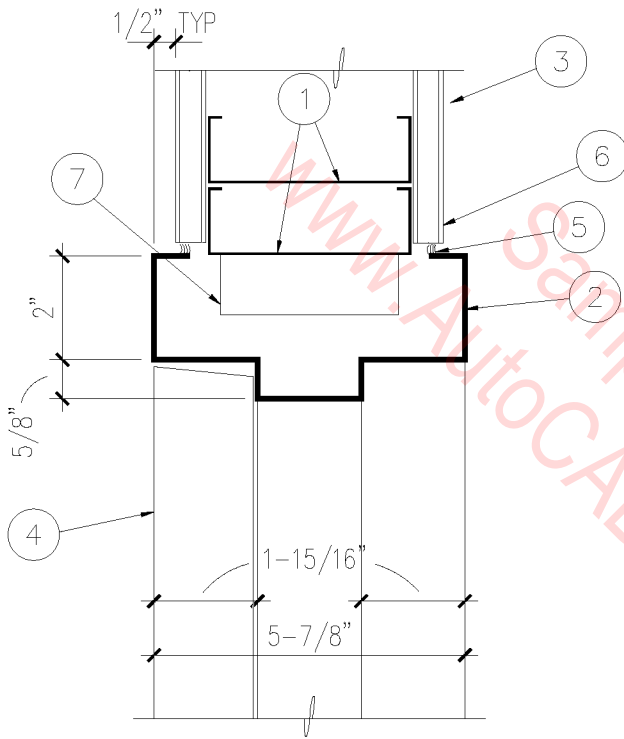
- 1. 3-5/8" METAL STUDS.
- 2. HOLLOW METAL FRAME.
- 3. 5/8" GYP. BOARD, EACH SIDE.
- 4. DOOR WHERE APPLICABLE.
- 5. SEALANT EACH SIDE.
- 6. GLAZING WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.



# HOLLOW METAL FRAME

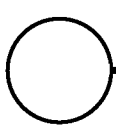
3" = 1'-0"

08B-6012



1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP. BOARD EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. STEEL STUD ANCHORS AT JAMB.

JAMB CONDITION - HEAD & WINDOW SILL SIMILAR

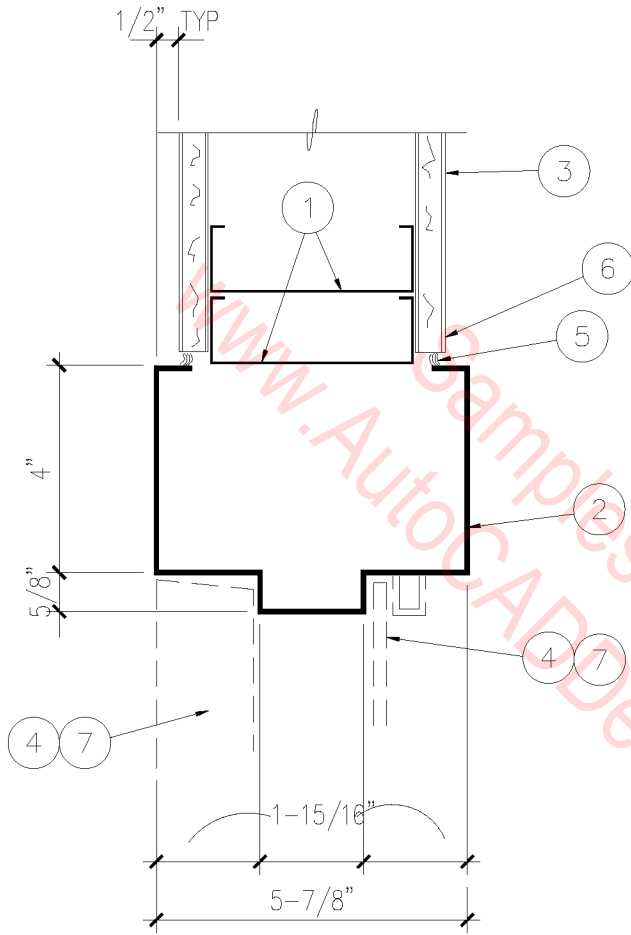


HOLLOW METAL FRAME

3" = 1'-0"

08B-6013





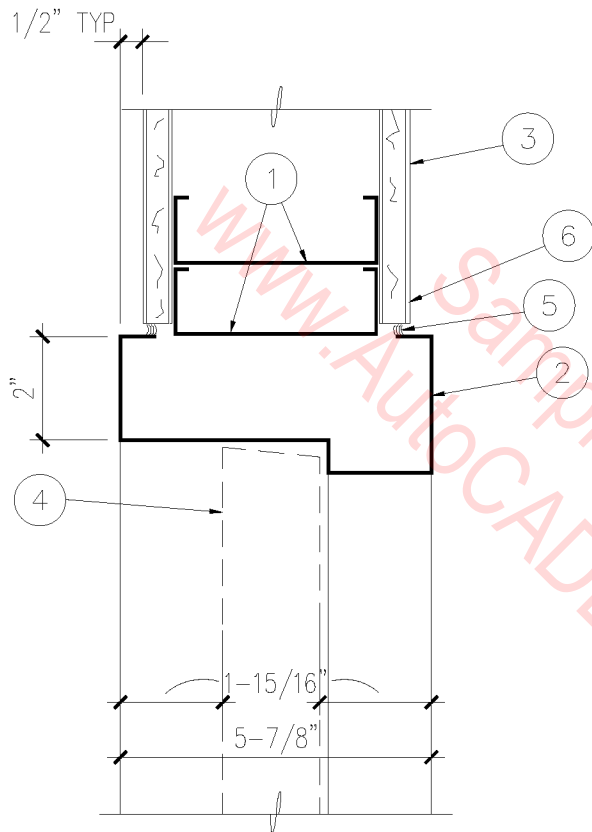
1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.

○ 4<sup>99</sup> HOLLOW METAL FRAME

---

3" = 1'-0"

08B-6014

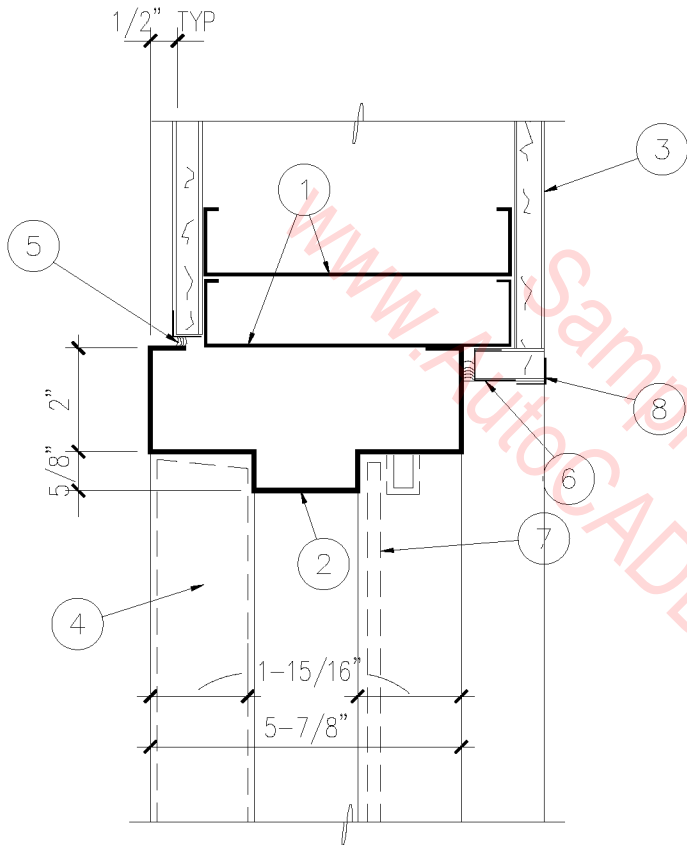


1. 3-5/8" METAL STUDS,  
SEE WALL TYPES.
2. HOLLOW METAL FRAME,  
GROUTED SOLID.
3. 5/8" GYP BOARD, EACH  
SIDE.
4. BI-FOLD DOOR  
SEE PLAN & SCHEDULE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.

○ HOLLOW METAL FRAME

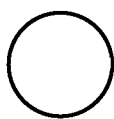
3" = 1'-0"

08B-6015



1. 6" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
8. CORNER BEAD.

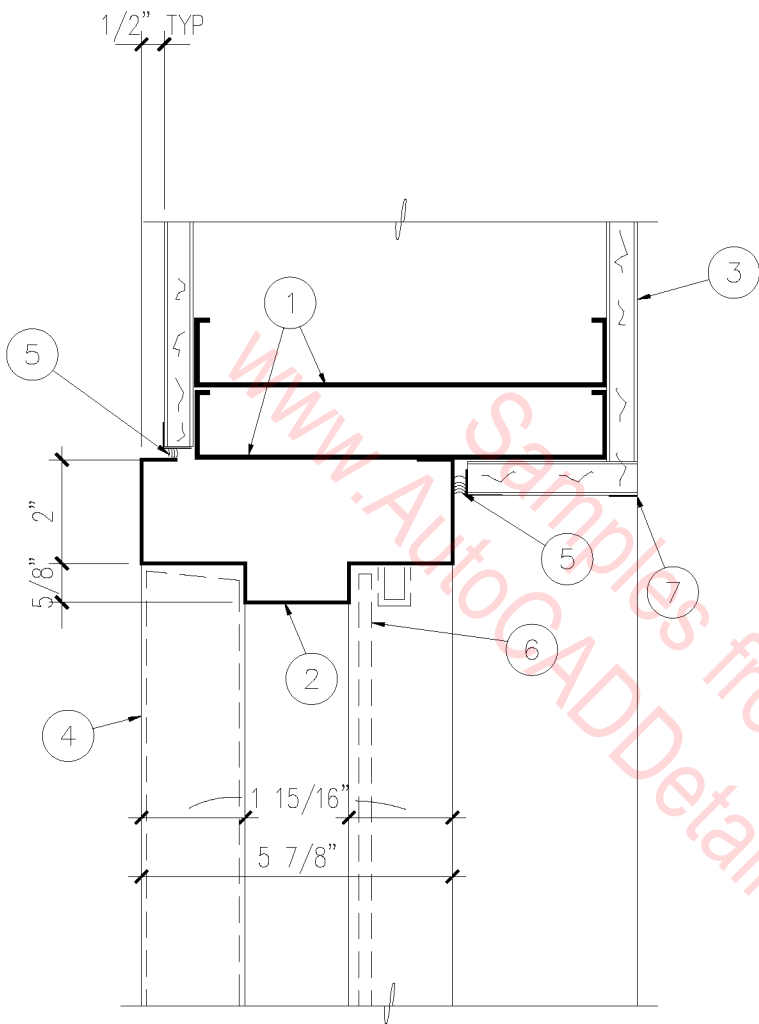
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL FRAME

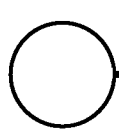
3" = 1'-0"

08B-6016



1. 8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP. BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. CASING BEAD EACH SIDE.
6. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
7. CORNER BEAD.

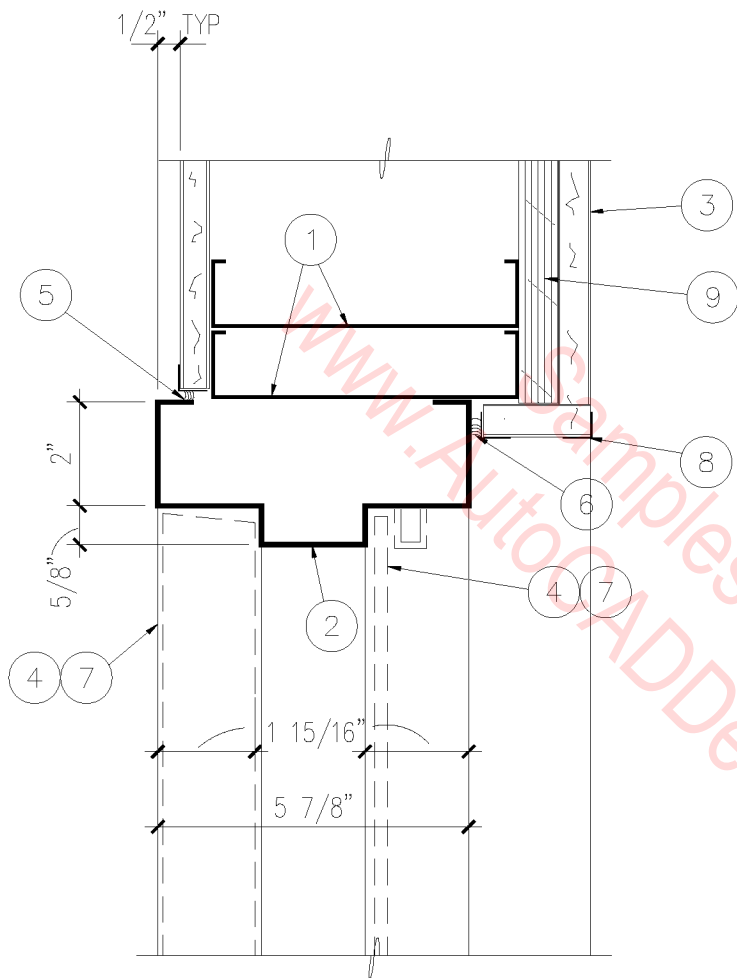
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL DOOR

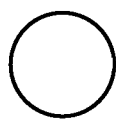
3" = 1'-0"

08B-6017



1. 6" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 5/8" GYP BOARD, EACH SIDE.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD EACH SIDE.
7. GLASS WHERE APPLICABLE, WITH REMOVABLE GLAZING STOPS.
8. CORNER BEAD.
9. 3/4" PLYWOOD, FIRE TREATED.

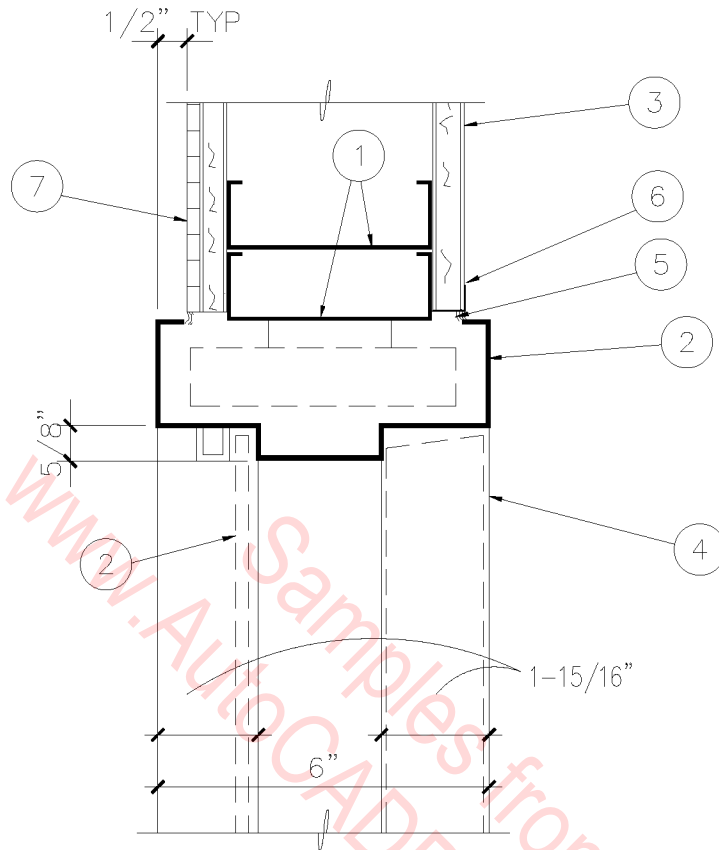
JAMB CONDITION - HEAD SIMILAR



# HOLLOW METAL FRAME

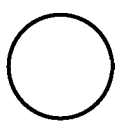
3" = 1'-0"

08B-6018



JAMB CONDITION – HEAD AND WINDOW SILL SIMILAR

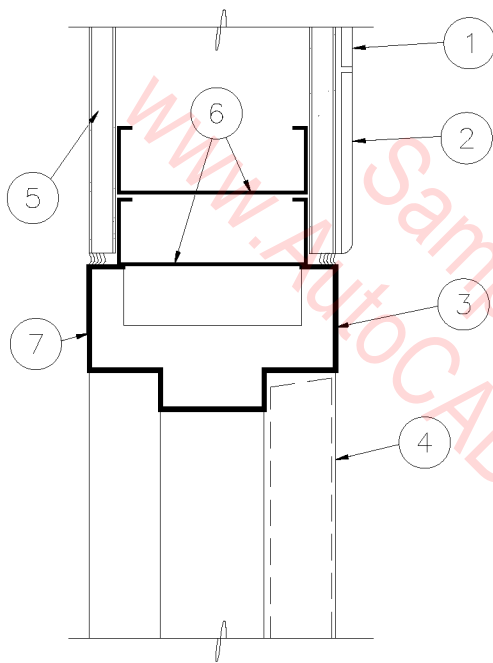
1. 3-5/8" METAL STUDS.
2. GLASS WHERE APPLICABLE WITH REMOVABLE GLAZING STOPS.
3. 5/8" GYP. BOARD.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. CASING BEAD.
7. 1/4" CERAMIC TILE ON 7/16" GLASS MESH MORTAR UNIT.



## HOLLOW METAL FRAME

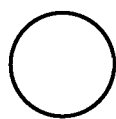
3" = 1'-0"

08B-6019



1. THIN SET CERAMIC TILE.
2. BULLNOSE AS REQUIRED.
3. HOLLOW METAL FRAME.
4. DOOR.
5. GYPSUM BOARD.
6. DOUBLE STUDS @ JAMB.
7. STEEL STUD ANCHORS AT JAMB.

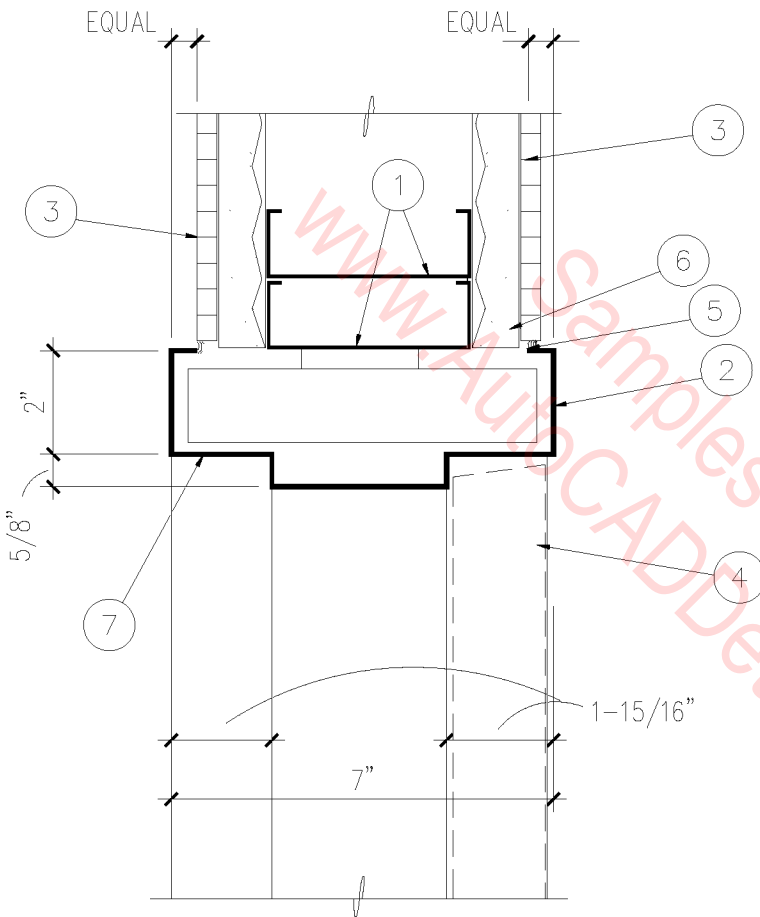
JAMB CONDITION - HEAD SIMILAR



HOLLOW METAL FRAME

3" = 1'-0"

08B-6020



1. 3-5/8" METAL STUDS.
2. HOLLOW METAL FRAME.
3. 1/4" CERAMIC TILE ON CEMENT MORTAR BED ON METAL LATH.
4. DOOR WHERE APPLICABLE.
5. SEALANT EACH SIDE.
6. "J" STOP.
7. JAMB ANCHOR.

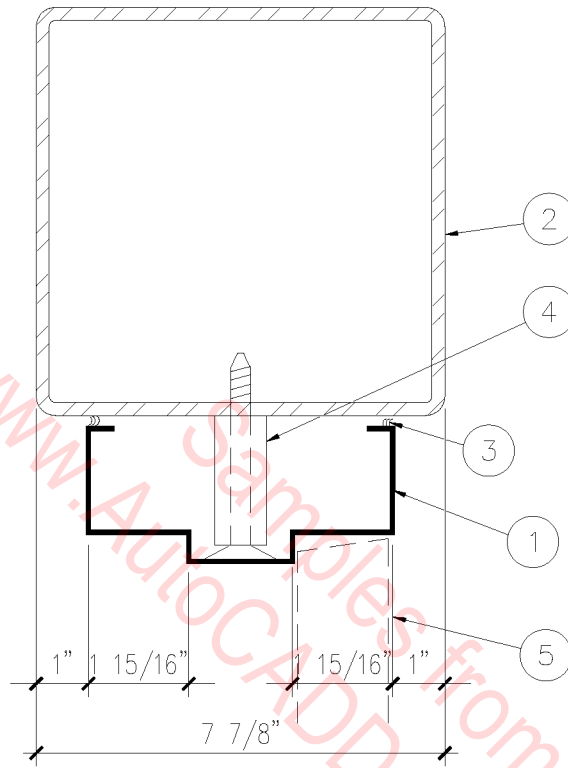
JAMB CONDITION - HEAD SIMILAR

# HOLLOW METAL FRAME

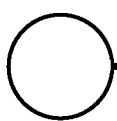
3" = 1'-0"

08B-6021





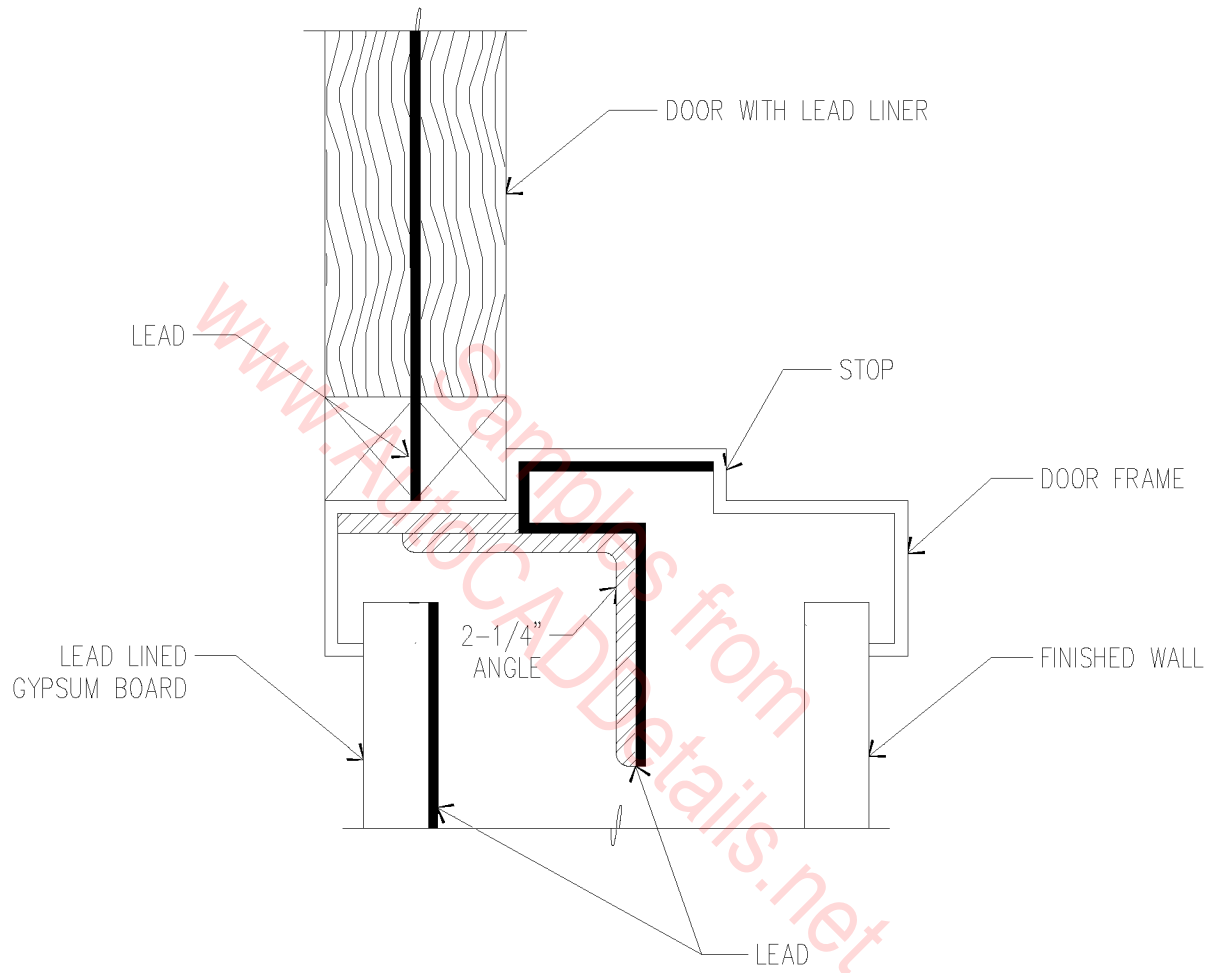
1. HOLLOW METAL FRAME.
2. STRUCTURAL STEEL TUBE.
3. SEALANT, BOTH SIDES.
4. ANCHORS AT JAMB ONLY.
5. DOOR WHERE APPLICABLE.



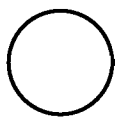
## HOLLOW METAL FRAME

3" = 1'-0"

08B-6022

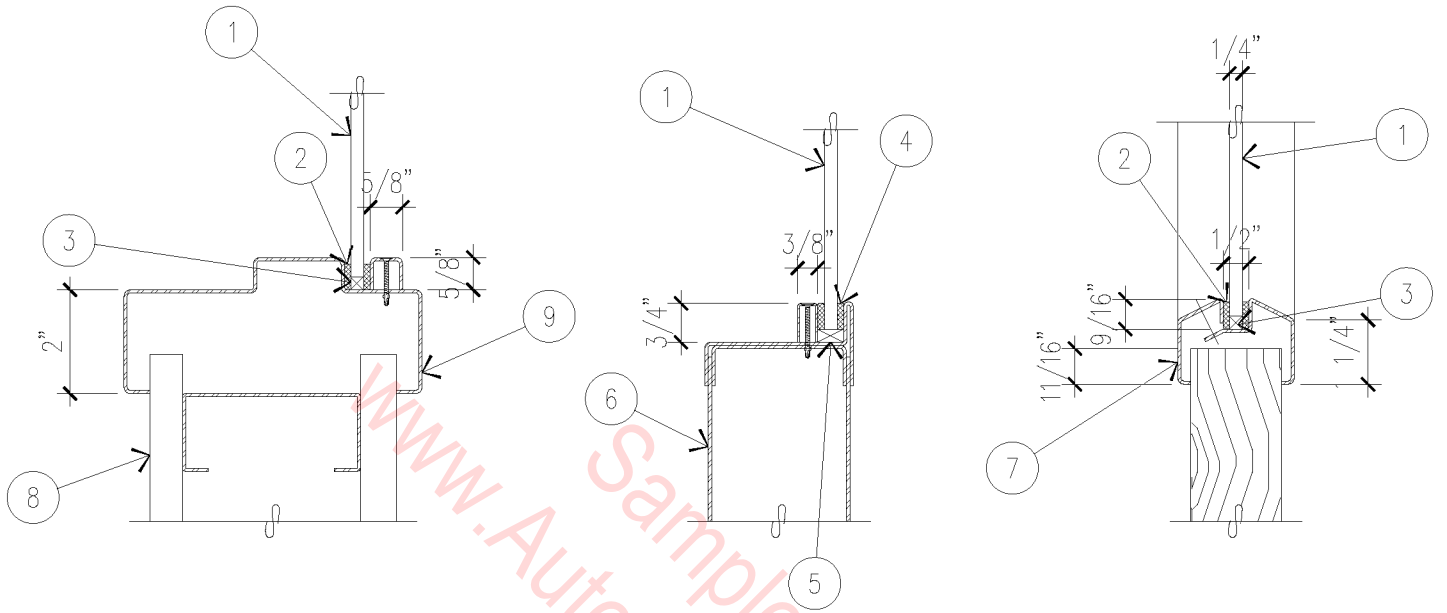


# HOLLOW METAL FRAME SHOWING LEAD LINING



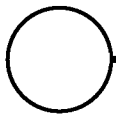
6" = 1'-0"

08B-6023



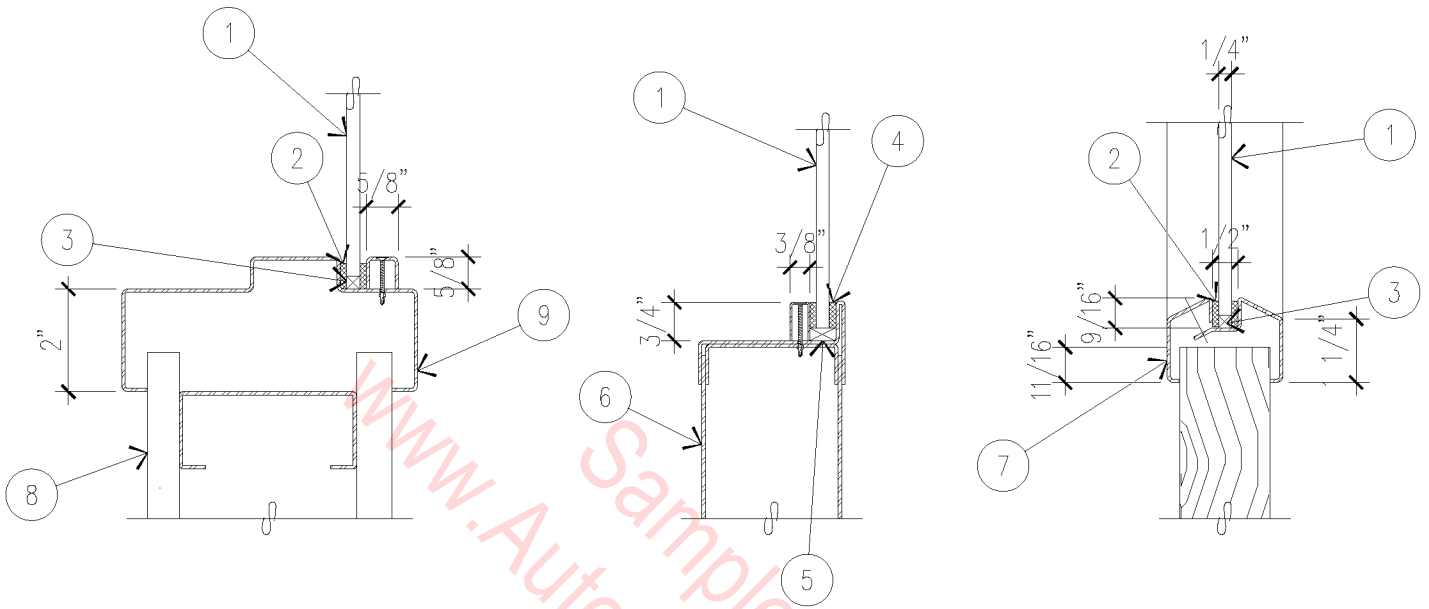
1. 60 MINUTE FIRE-RESISTANT GLASS.
2. 1/8" X 1/2" E.P.D.M. TAPE OR GRAPHITE KNIT GLAZING TAPE.
3. 1/4" X 1/4" X 3" CALCIUM SILICATE SETTING BLOCK.
4. 1/8" X 3/4" FIBERGLASS GLAZING GASKET.
5. 3/16" X 2" SETTING BLOCKS AT 1/4" POINTS - CAULK PERIMETER WITH NEUTRAL CURE SILICONE.
6. 18-20 GAUGE STEEL DOOR.
7. STEEL VISION PANEL FRAME BY DOOR MANUFACTURER.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. STEEL JAMB.

# FIRE RATED VISION PANELS



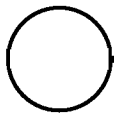
3" = 1'-0"

08B-6024



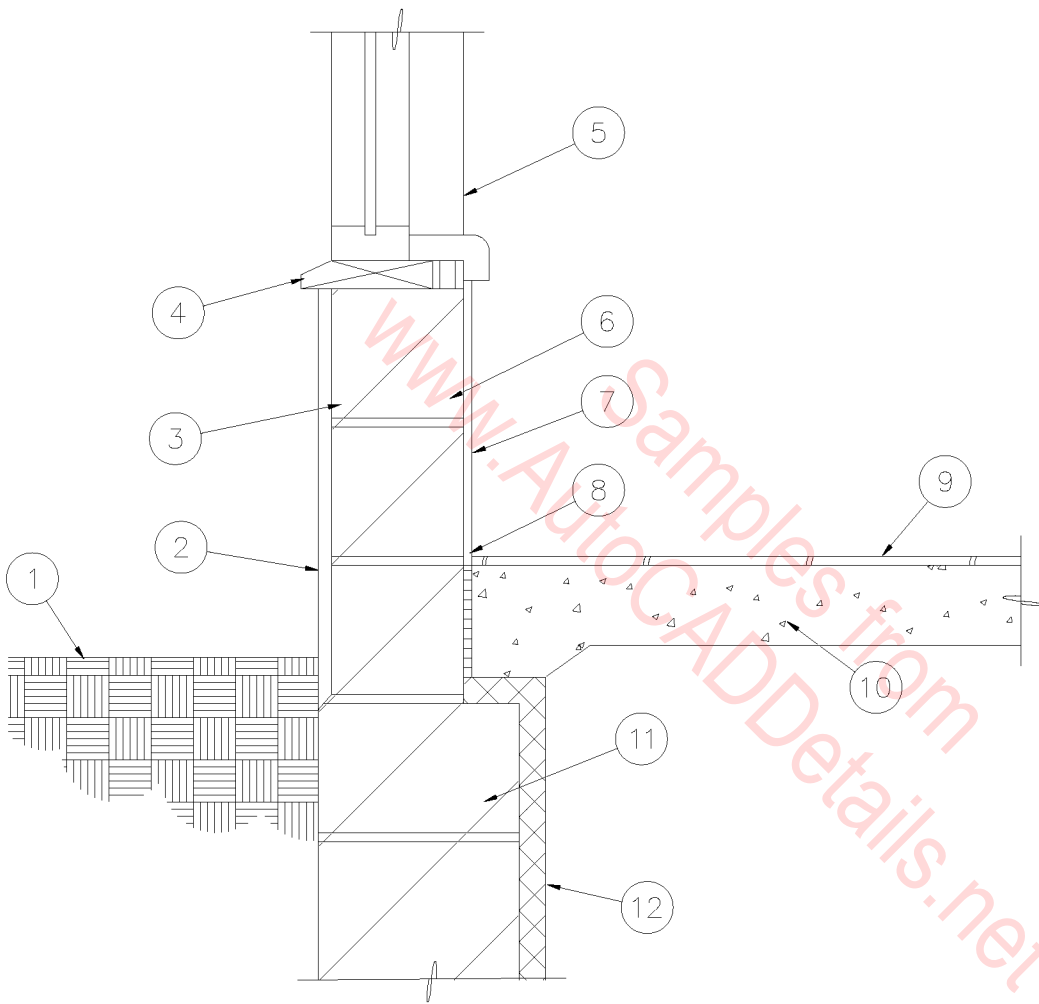
1. 60 MINUTE FIRE-RESISTANT GLASS.
2. 1/8" X 1/2" E.P.D.M. TAPE OR GRAPHITE KNIT GLAZING TAPE.
3. 1/4" X 1/4" X 3" CALCIUM SILICATE SETTING BLOCK.
4. 1/8" X 3/4" FIBERGLASS GLAZING GASKET.
5. 3/16" X 2" SETTING BLOCKS AT 1/4" POINTS - CAULK PERIMETER WITH NEUTRAL CURE SILICONE.
6. 18-20 GAUGE STEEL DOOR.
7. STEEL VISION PANEL FRAME BY DOOR MANUFACTURER.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. STEEL JAMB.

# FIRE RATED VISION PANELS

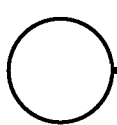


3" = 1'-0"

08B-6024



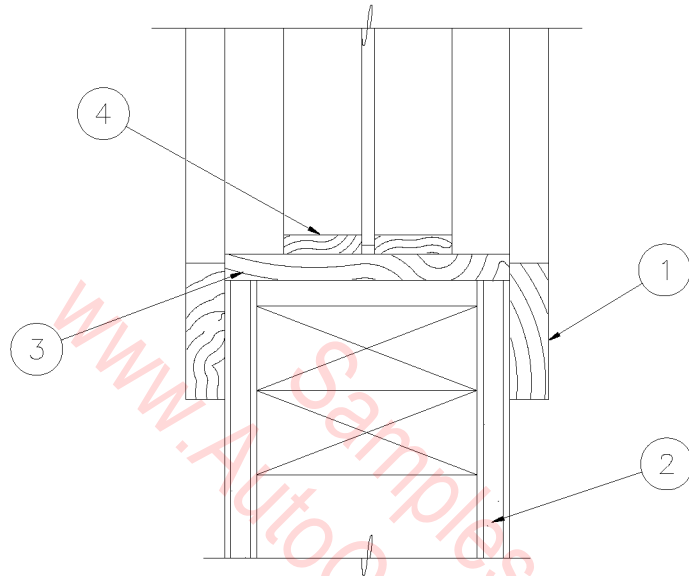
1. FINISH GRADE.
2. EXTERIOR FINISH SYSTEM.
3. 8" MASONRY WALL.
4. 2 X 8 BEVELED SILL BLOCK PAINTED TO MATCH ALUMINUM FRAME.
5. PLASTIC LAM. SILL.
6. 12" BLOCK.
7. CERAMIC TILE OVER THINSET TO 48" A.F.F.
8. 1/2" FILLED EXPANSION CAULK AROUND ENTIRE PERIMETER.
9. FINISH FLOOR (SEE SCHEDULE).
10. 4" CONCRETE SLAB.
11. 12" C.M.U. STEM.
12. 1-1/2" CELLULAR GLASS INSULATION.
13. CAULK AROUND WINDOW FRAME. SEALANT COLOR TO MATCH ALUMINUM FRAME.



## WINDOW SILL

1" = 1'-0"

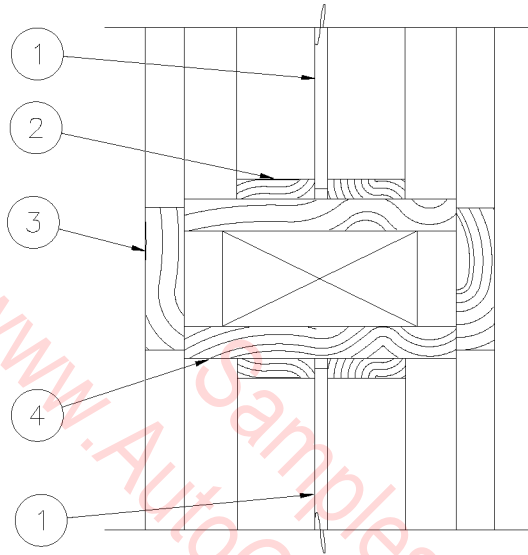
08B-3001



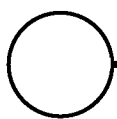
- 1. 1 X 3 TRIM STAIN GRADE.
- 2. 5/8 GYPSUM BOARD.
- 3. 1" JAMB STAIN GRADE.
- 4. GLAZING STOPS STAIN GRADE.

○ WOOD SILL  
3" = 1'-0"

08B-3002



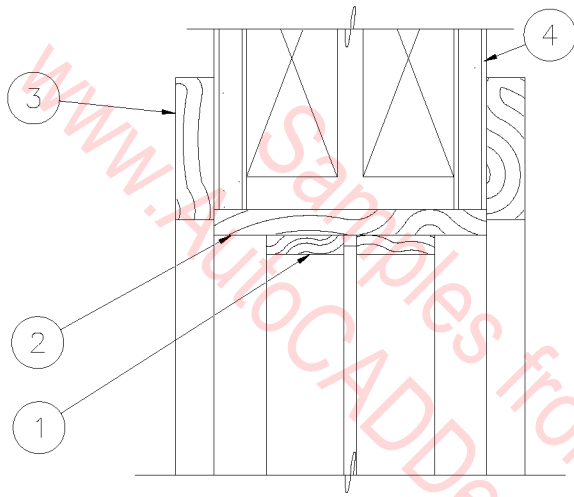
- 1. 1/4" TEMP. GLASS
- 2. SEALANT (TYPICAL)
- 3. 1 X 3 TRIM STAIN GRADE.
- 4. 1" JAMB.



## WOOD MULLION

3" = 1'-0"

08B-3003



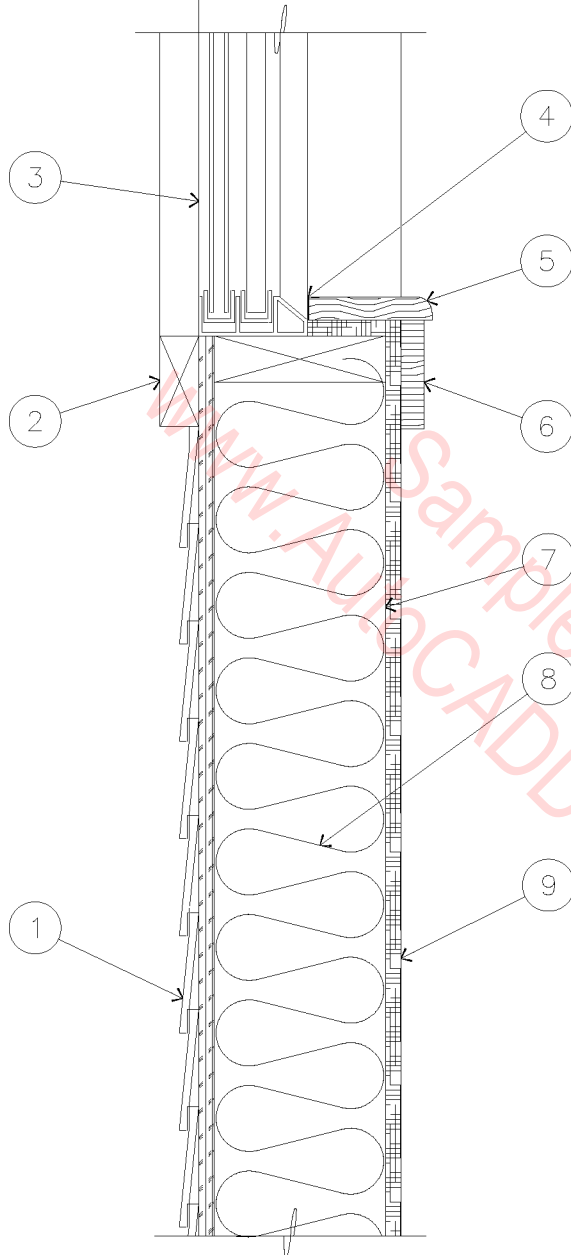
1. WOOD GLAZING STOPS  
STAIN GRADE.
2. 1" JAMB.
3. 1 X 3 TRIM STAIN GRADE.
4. 5/8" GYPSUM BOARD..

WOOD HEAD  
3" = 1'-0"

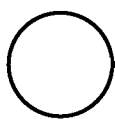
08B-3004



← EXTERIOR INTERIOR →



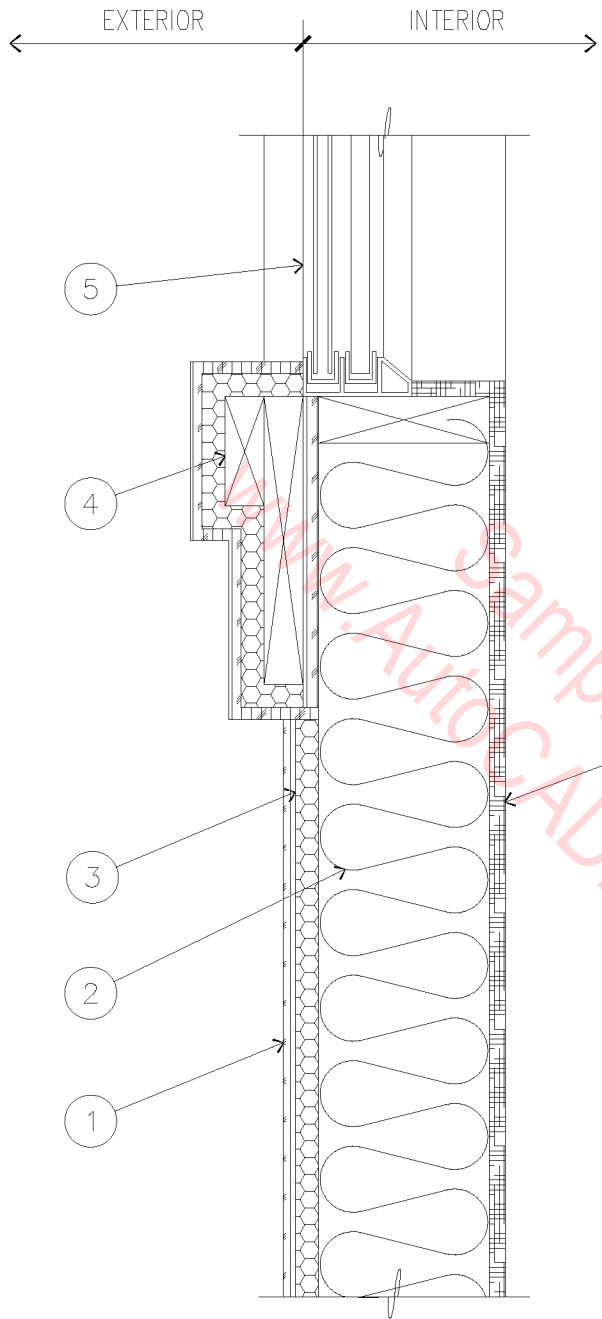
1. 8" HARDBOARD LAP SIDING - COLORLOCK OR EQUAL.
2. 5/4" X 3 1/2" HARDBOARD TRIM - PAINTED.
3. WINDOW WITH 'L' FLASHING AT TOP (TYP.) - SEE WINDOW SCHEDULE.
4. CAULKING.
5. WOOD SILL - PAINTED.
6. 1 X 4 TRIM - PAINTED.
7. 2 X 6 STUD WALL @ 16" O.C.
8. R-19 FIBERGLASS INSULATION.
9. 1/2" GYPSUM BOARD.



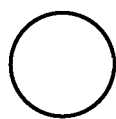
MDF WINDOW SILL

1 1/2" = 1'-0"

08B-3005



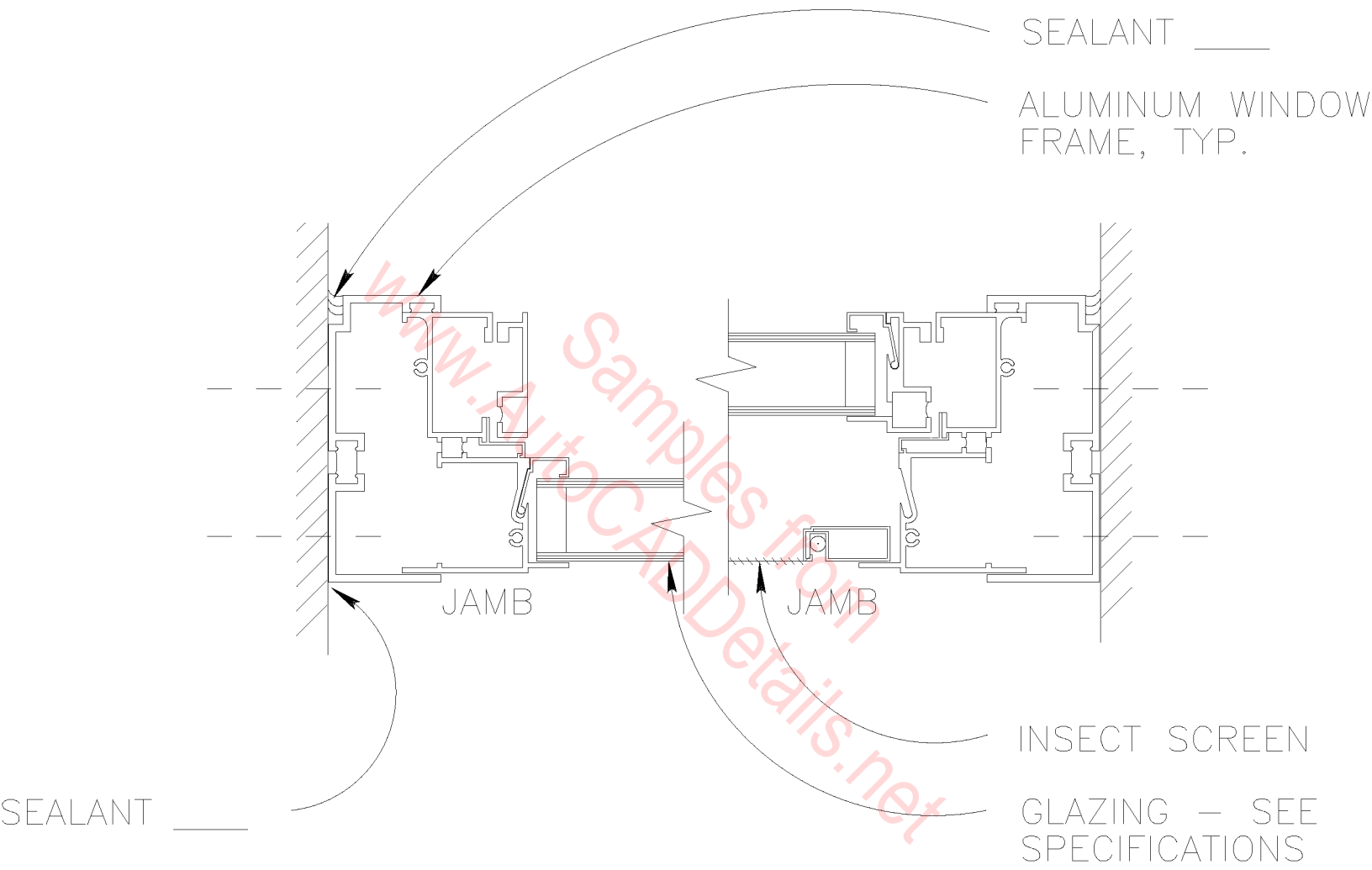
1. SYNTHETIC STUCCO APPLIED TO WIRE MESH, 3/4" R5.4 FOAM AND 3/8" WAFERBOARD SHEATHING - PAINTED.
2. R-19 FIBERGLASS INSULATION.
3. 2 X 6 STUD WALL @ 16" O.C.
4. 5/4" X 3 1/2" ON 5/4" X 9 1/2" HARDBOARD TRIM.
5. WINDOW WITH 'L' FLASHING AT TOP (TYP.) - SEE WINDOW SCHEDULE.
6. 1/2" GYPSUM BOARD.



## STUCCO LEDGE

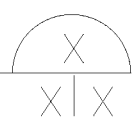
1 1/2" = 1'-0"

08B-3006



ALUMINUM WINDOW JAMB DETAIL

SCALE : 3" = 1'-0"



6" CMU LINTEL  
(SEE STRUCT.)

5/8" GWB ON 7/8"  
MTL FURRING  
(WHERE INDI-  
CATED ON  
R.F.S.)

BOT. OF LINTEL  
EL. = X'-X"

'J' CHANNEL,  
TYPICAL

ALUM. WINDOW  
W/ 1" INSUL.  
GLASS

CAVITY WALL  
INSULATION

FACE BRICK

THRU WALL  
FLASHING

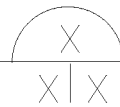
WEEP HOLES  
@ 32" O.C.

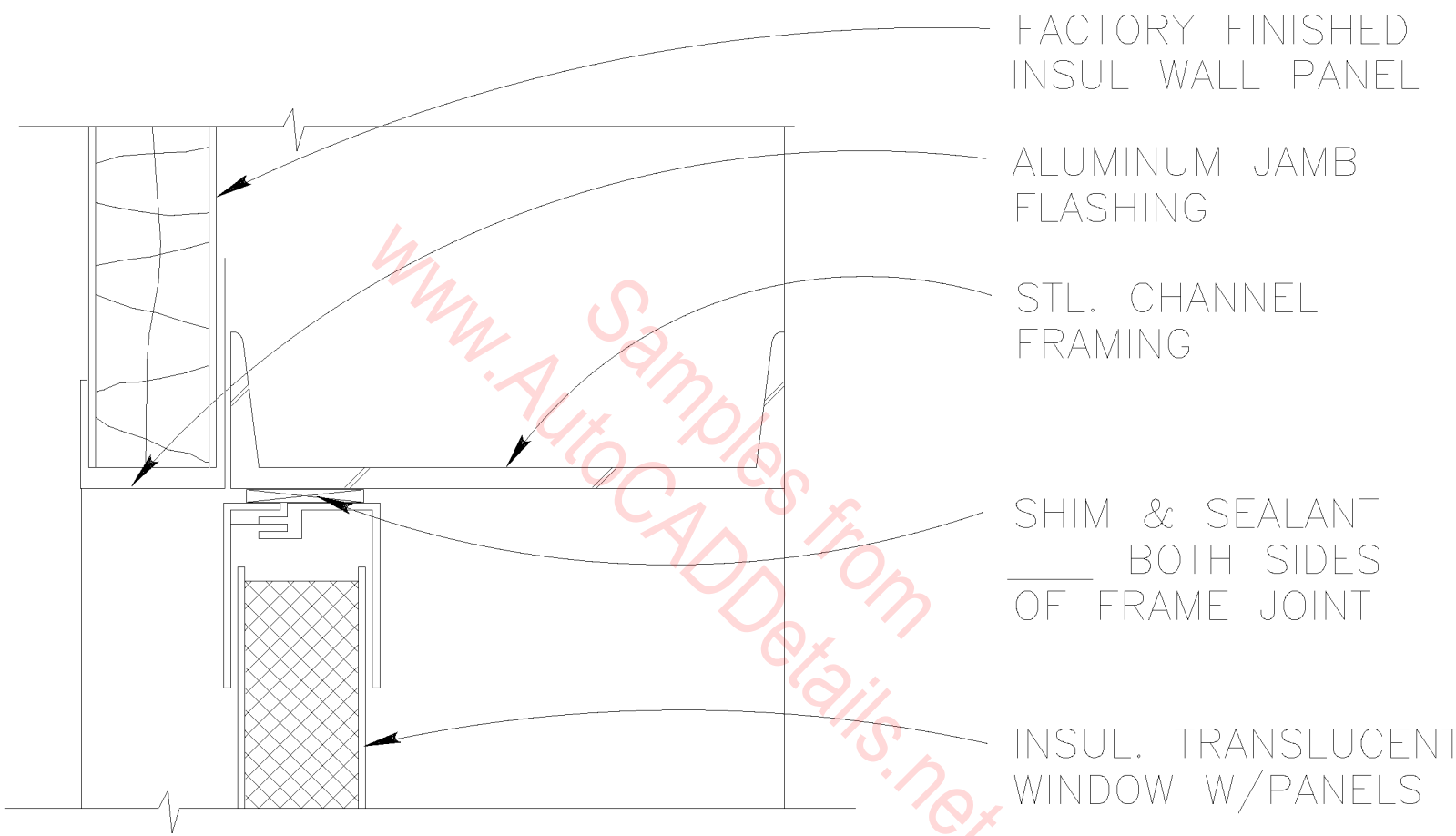
STEEL ANGLE  
(SEE STRUCT.)

SEALANT  
BOTH SIDES

HEAD

SCALE : 3" = 1'-0"





FACTORY FINISHED  
INSUL WALL PANEL

ALUMINUM JAMB  
FLASHING

STL. CHANNEL  
FRAMING

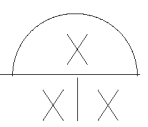
SHIM & SEALANT  
\_\_\_\_ BOTH SIDES  
OF FRAME JOINT

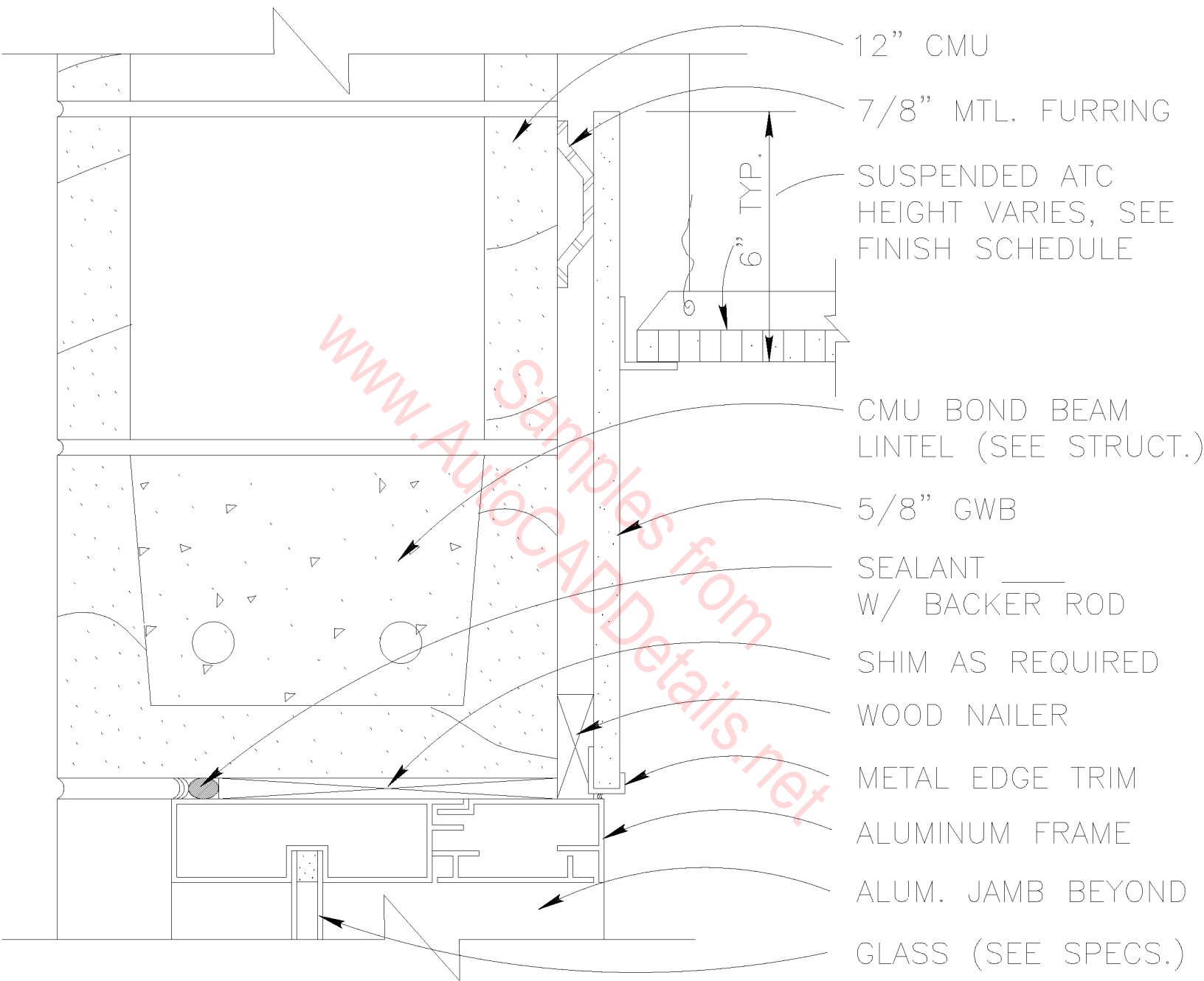
INSUL. TRANSLUCENT  
WINDOW W/PANELS

www.AutocADDetails.net

JAMB

SCALE : 3" = 1'-0"



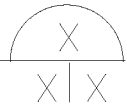


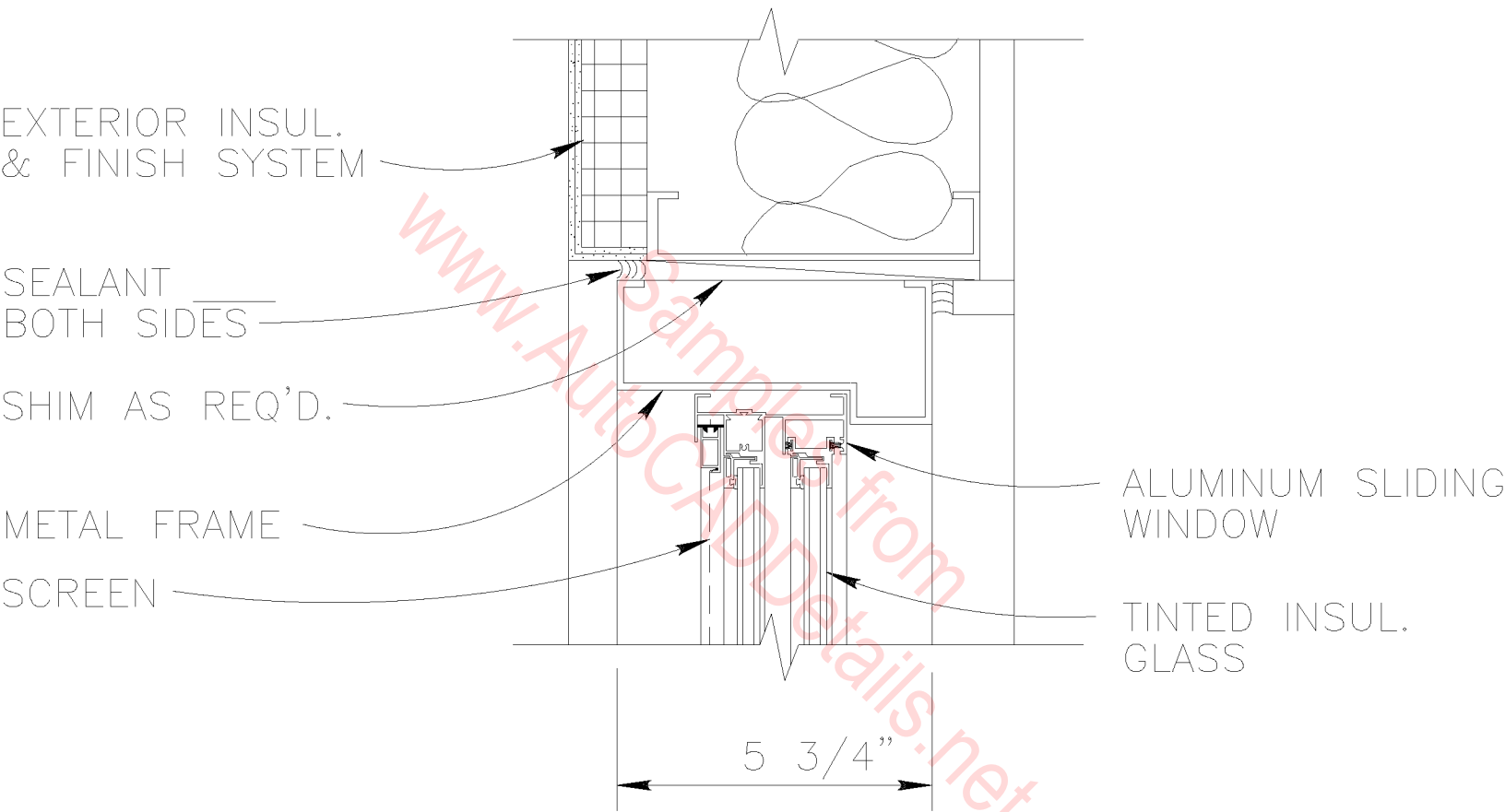
www.AutocADDetails.net

Samples from

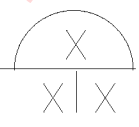
HEAD DETAIL

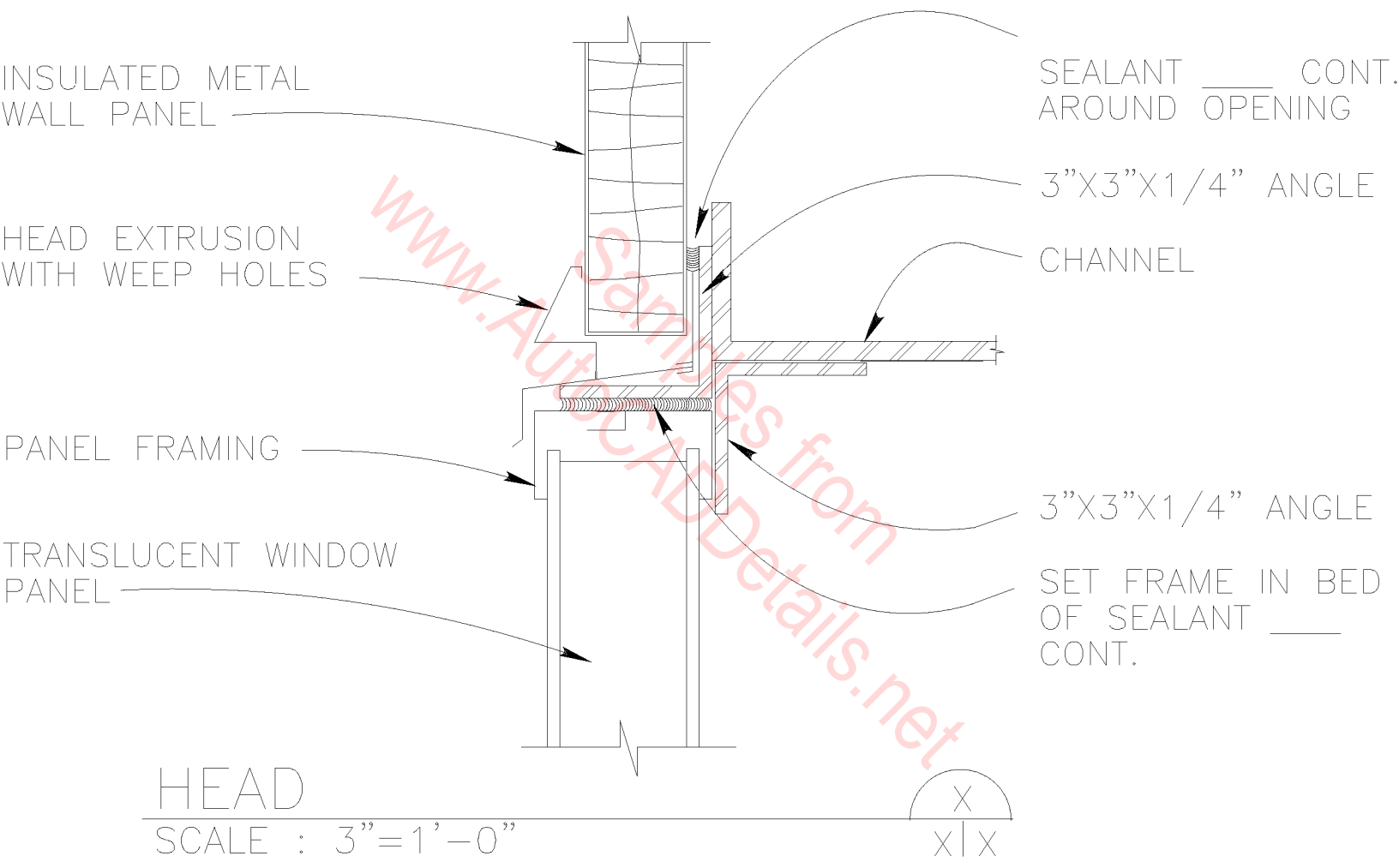
SCALE : 3" = 1'-0"



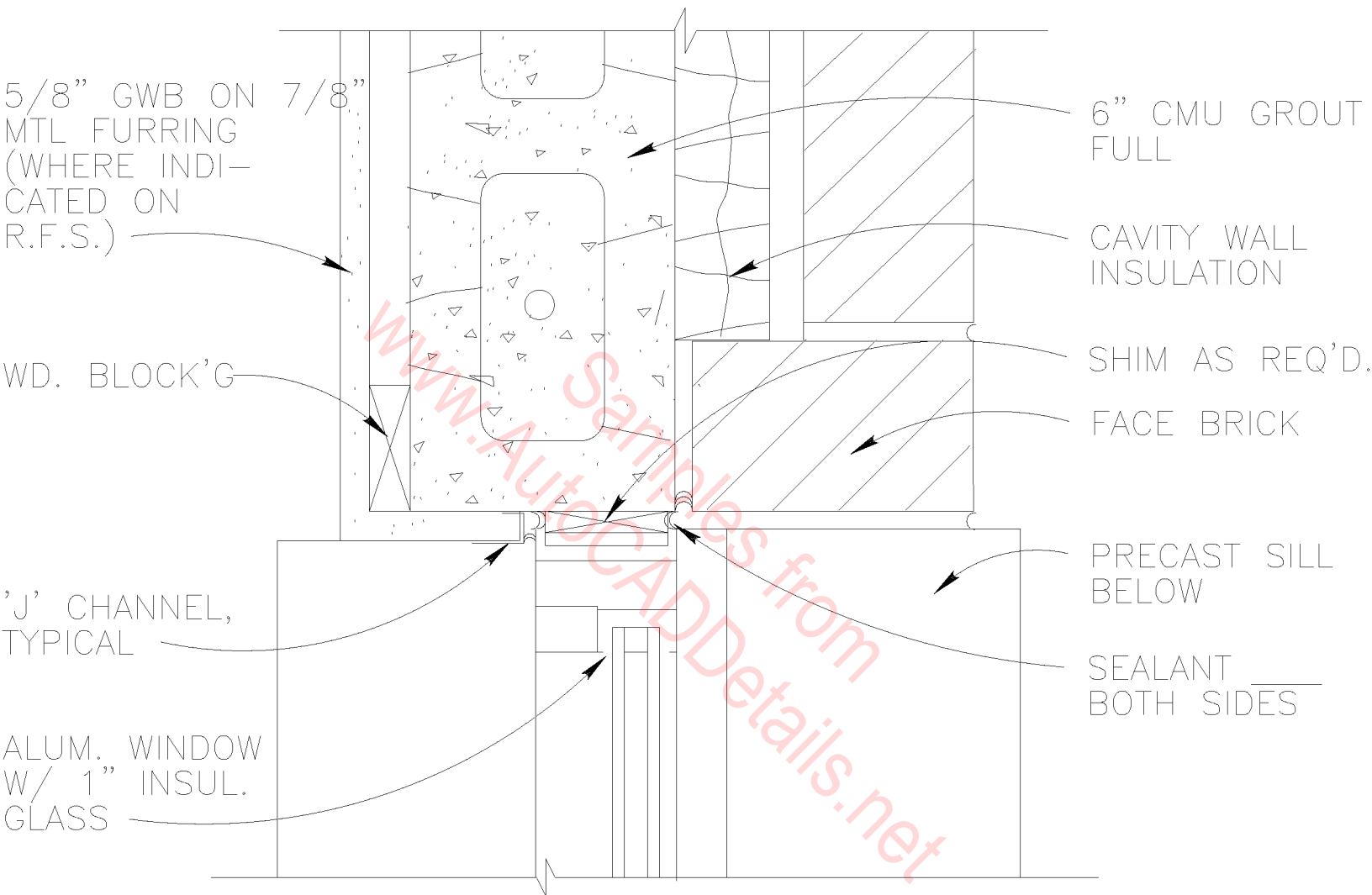


HEAD / JAMB  
 SCALE : 3" = 1'-0"



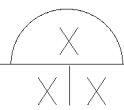


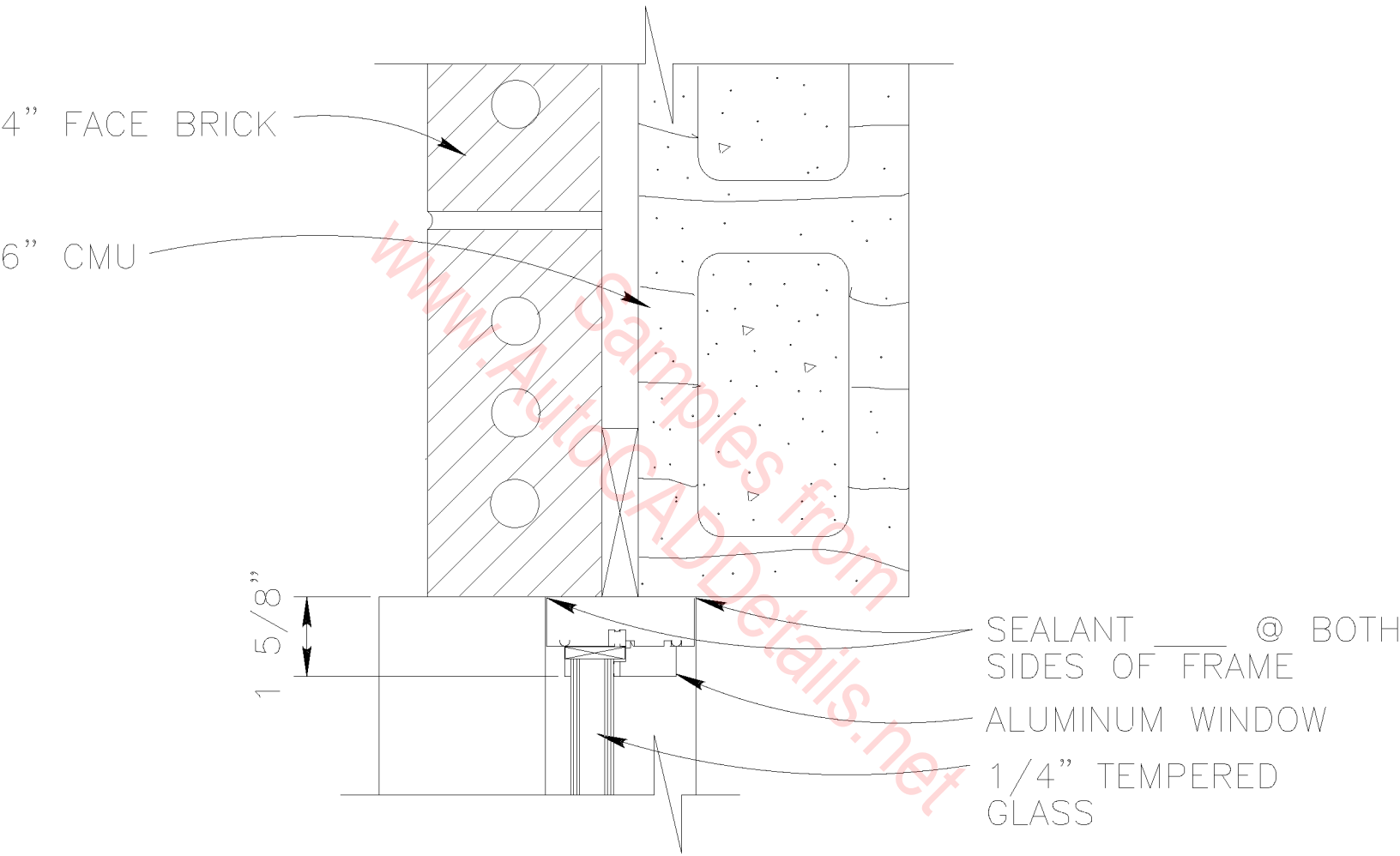




JAMB

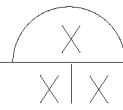
SCALE : 3" = 1'-0"

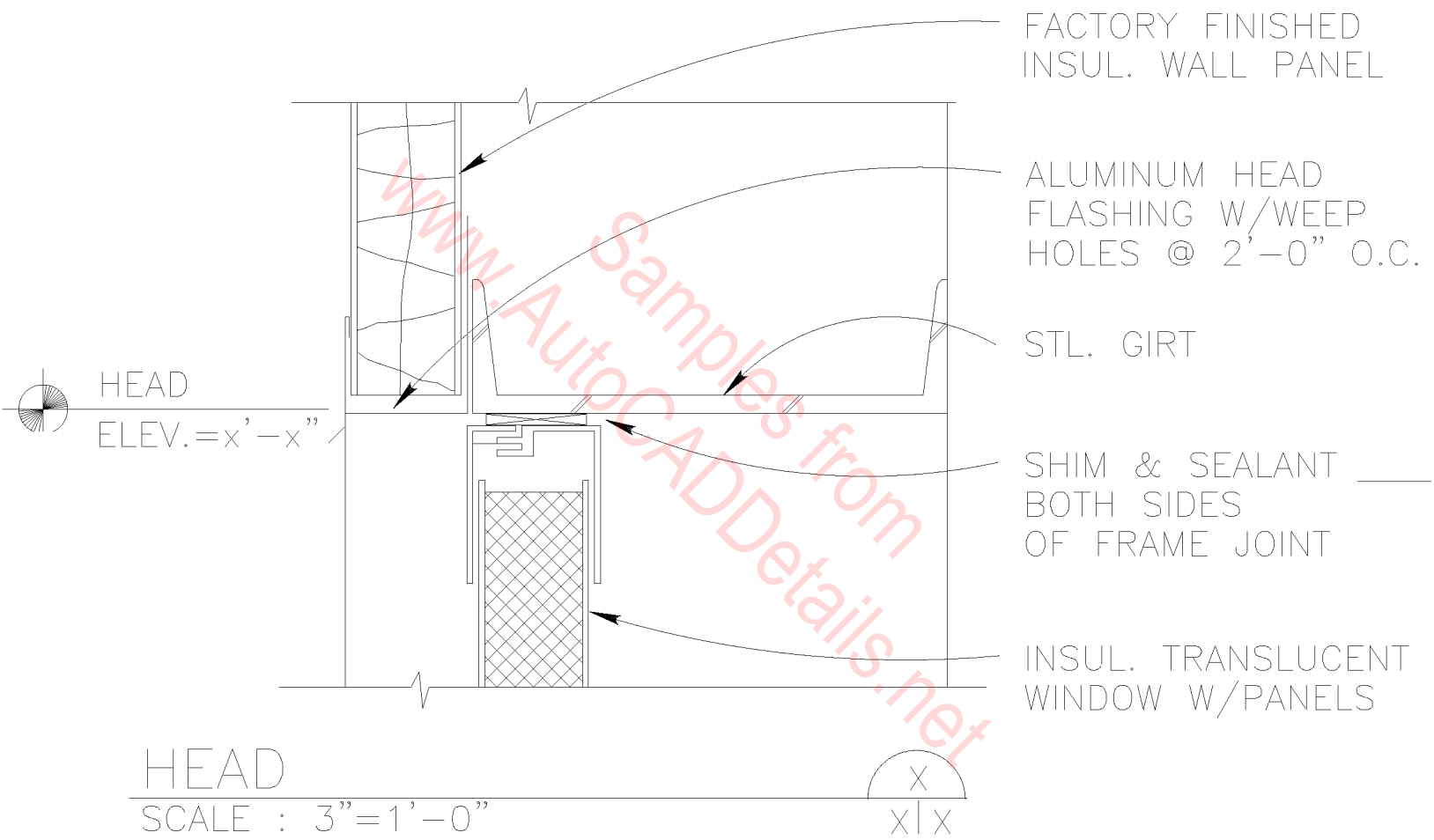


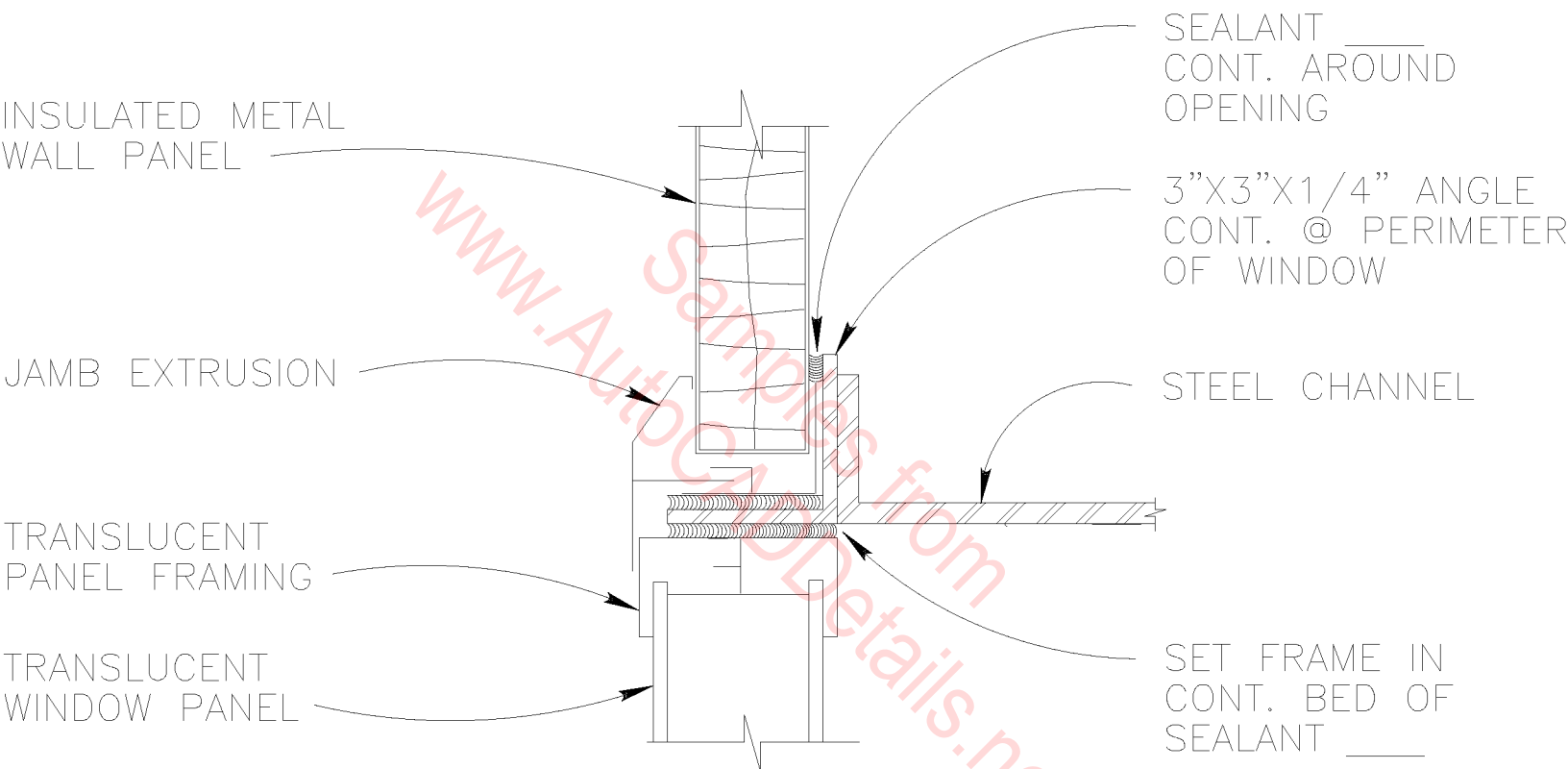


JAMB

SCALE : 3" = 1'-0"

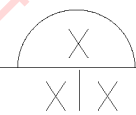


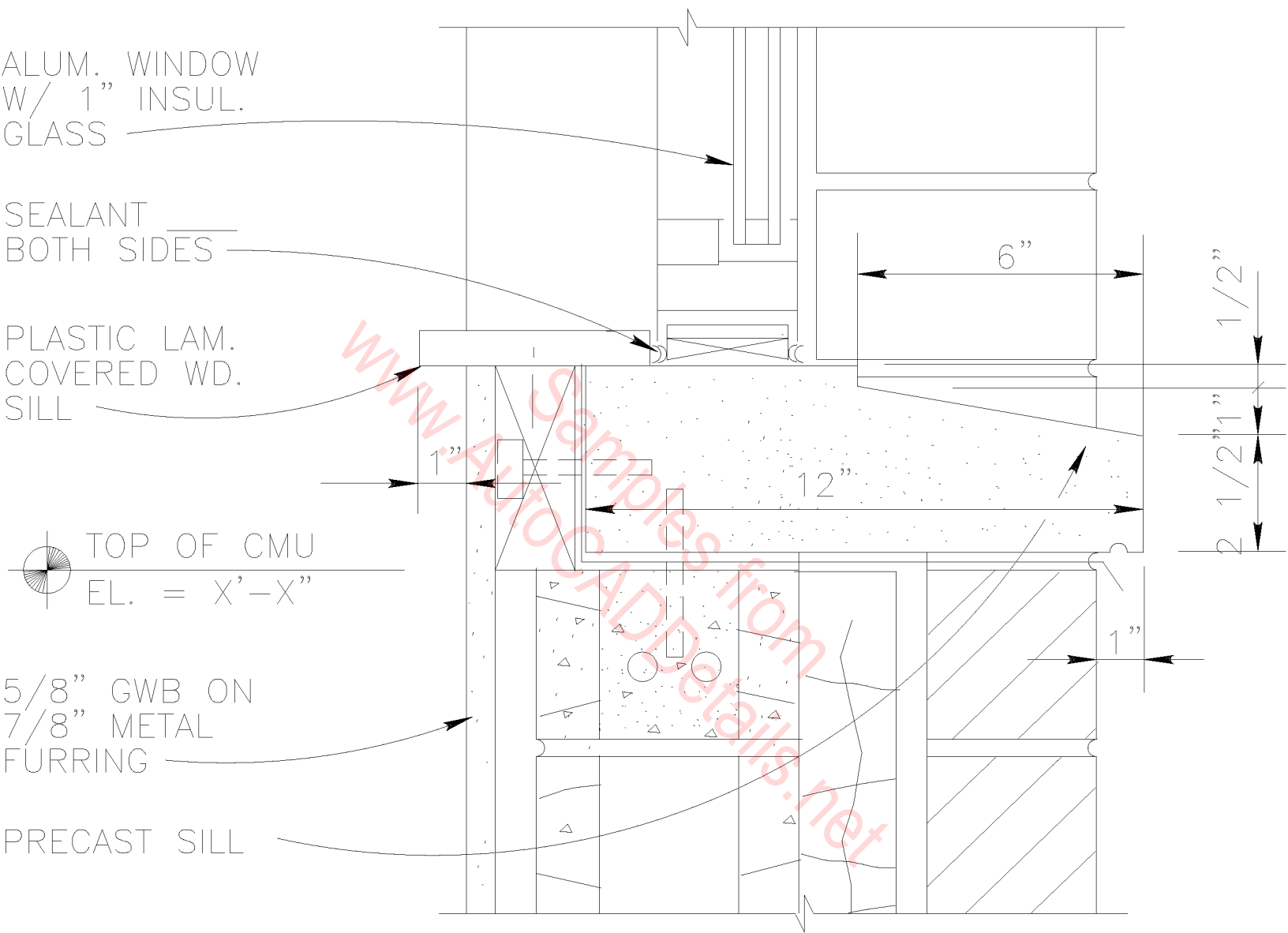




JAMB

SCALE : 3" = 1'-0"

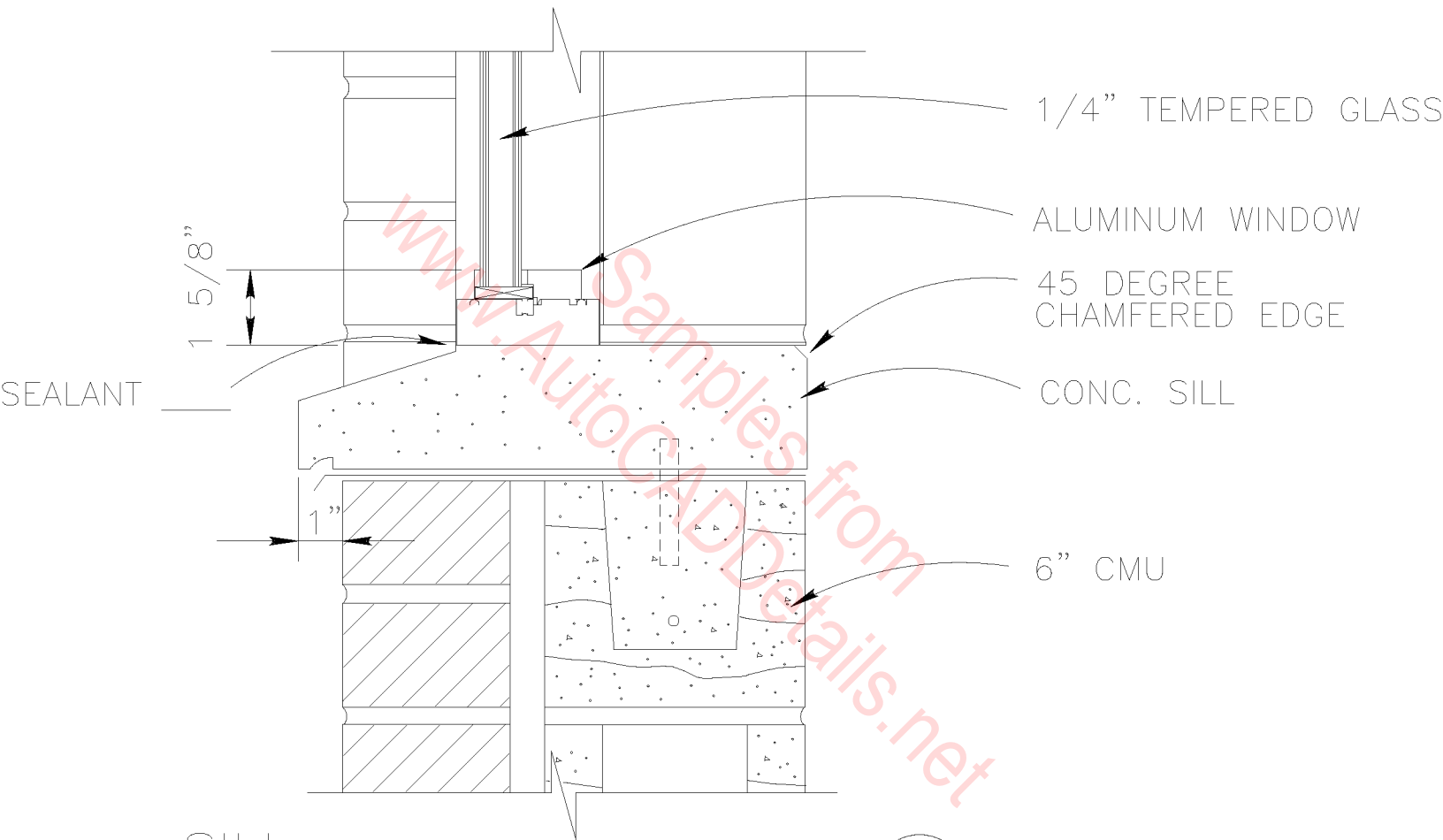




SILL

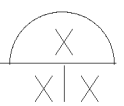
SCALE : 3" = 1'-0"

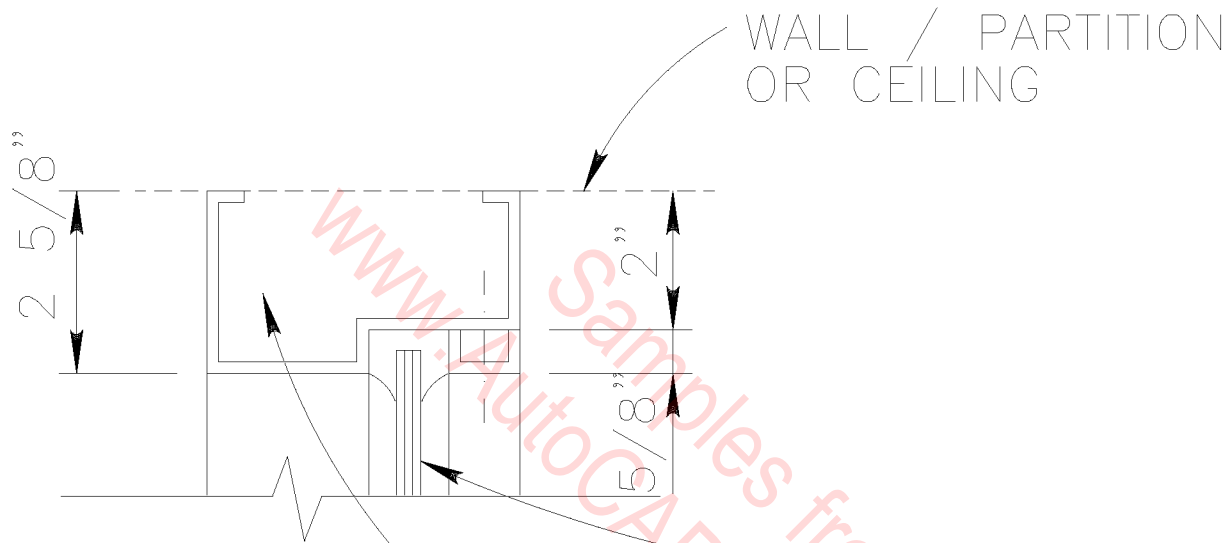
X  
X|X



SILL

SCALE : 3" = 1'-0"





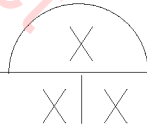
WALL / PARTITION  
OR CEILING

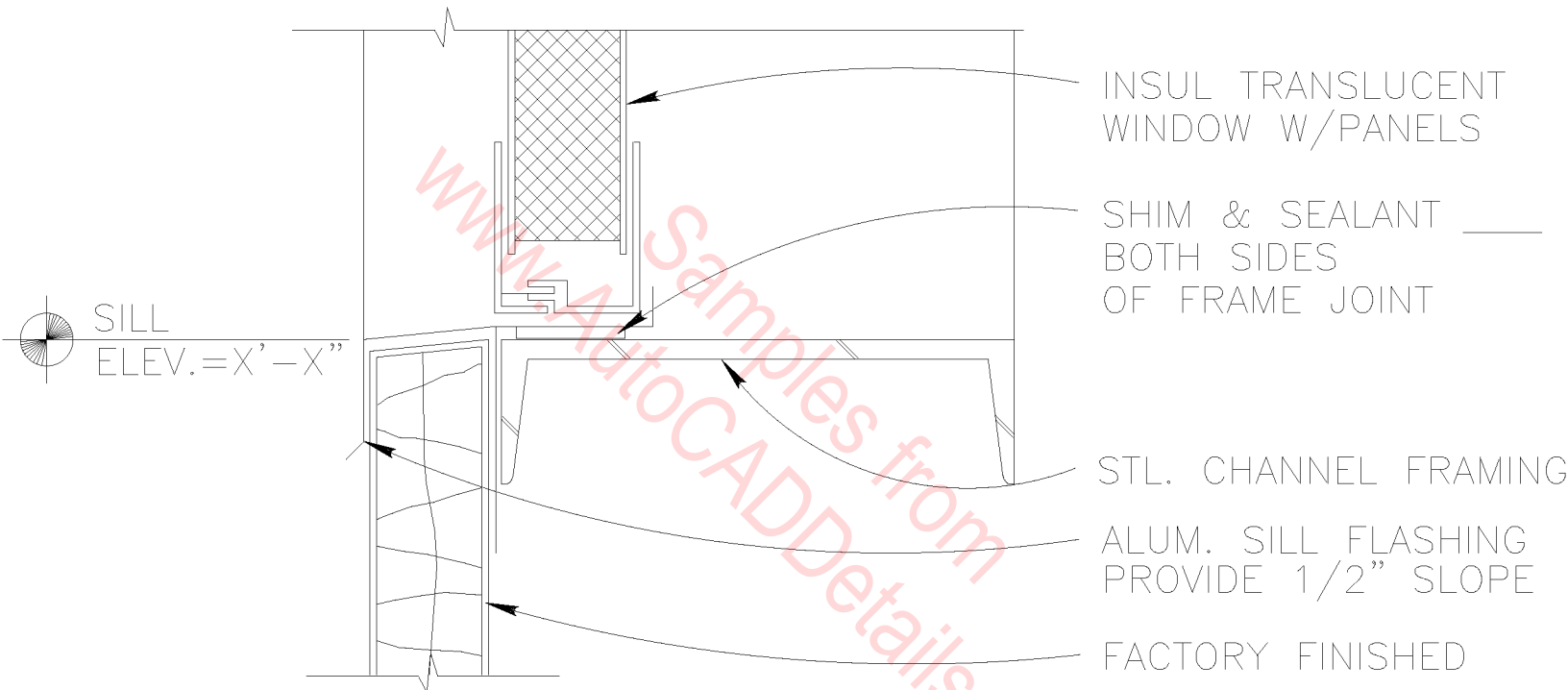
GLAZING — SEE  
SPECIFICATIONS

SHIM & SEAL  
AS REQUIRED

HEAD / SILL

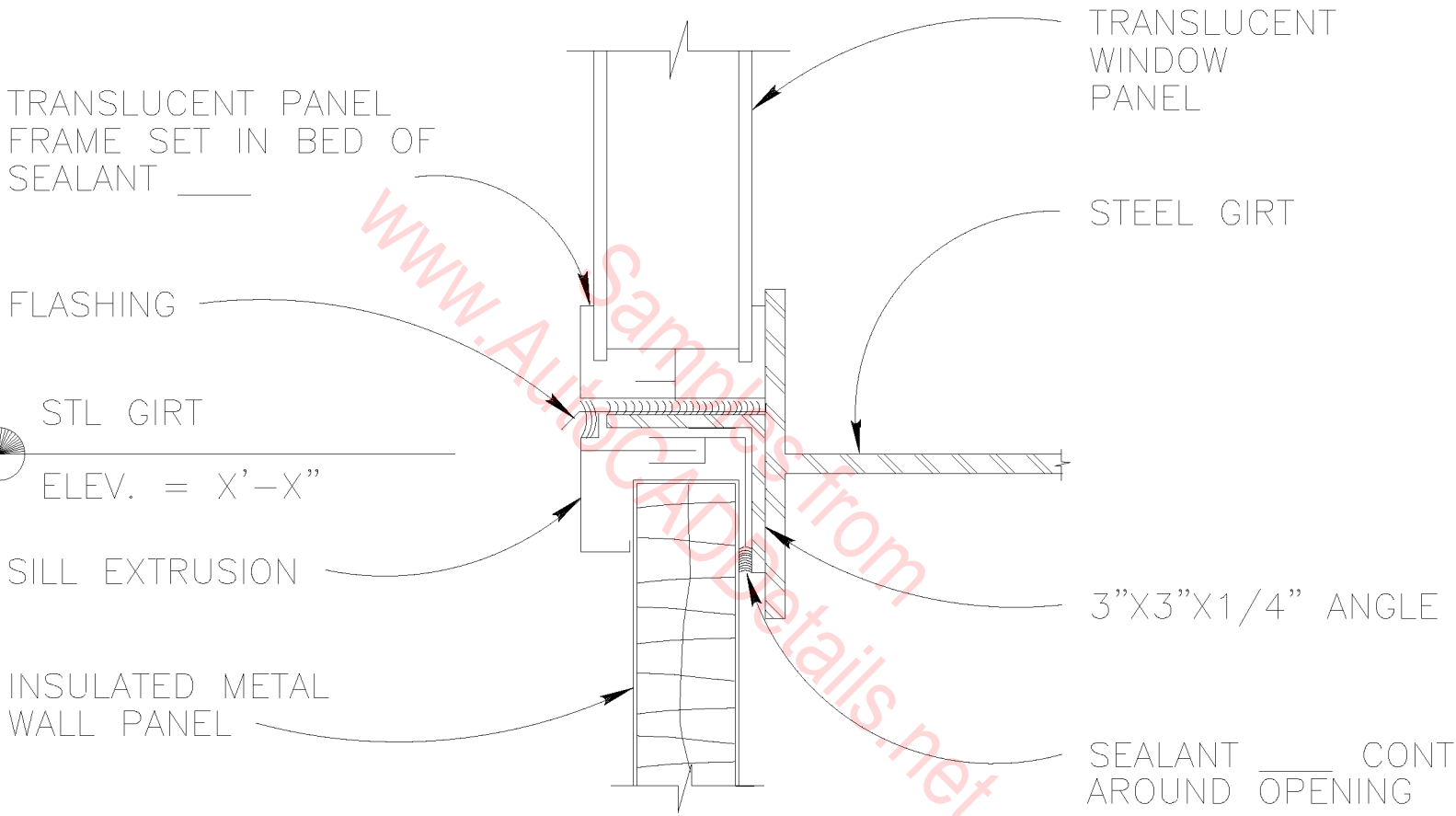
SCALE : 3" = 1'-0"





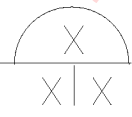
SILL  
SCALE : 3" = 1'-0"





SILL

SCALE : 3" = 1'-0"



ALUMINUM WINDOW  
W/ 1" INSUL. GLASS

SEALANT  
BOTH SIDES

PRECAST SILL

45°

TOP OF CMU  
EL. = X'-X"

THRU WALL  
FLASHING

6"

1/2"

1 1/2"

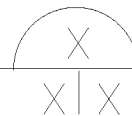
2 1/2"

1'-1"

1"

SILL

SCALE : 3" = 1'-0"



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INSUL. GLASS

METAL FRAME

SEALANT

SILL FLASHING

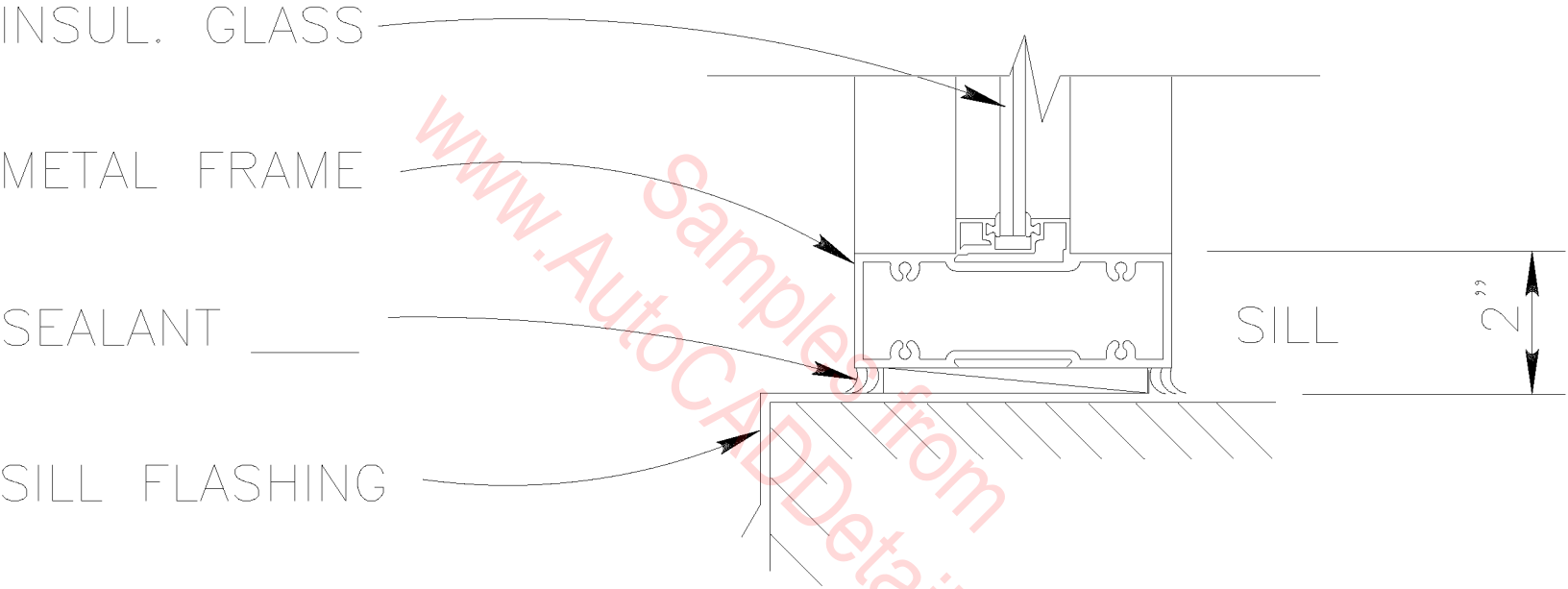
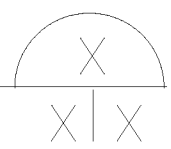
SILL

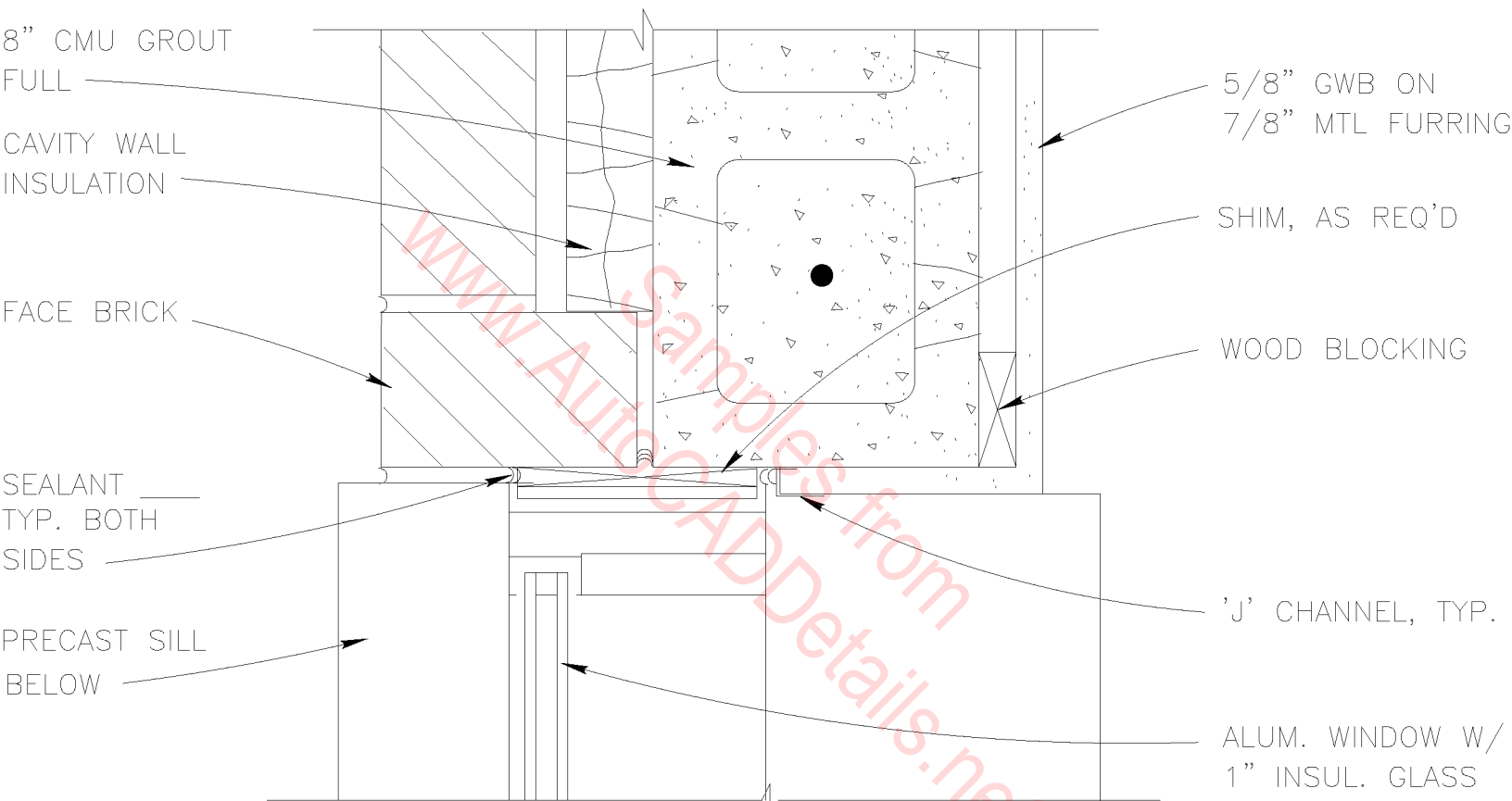
2"

www.AutoCADDetails.net

# SILL DETAIL

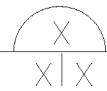
SCALE : 3" = 1'-0"

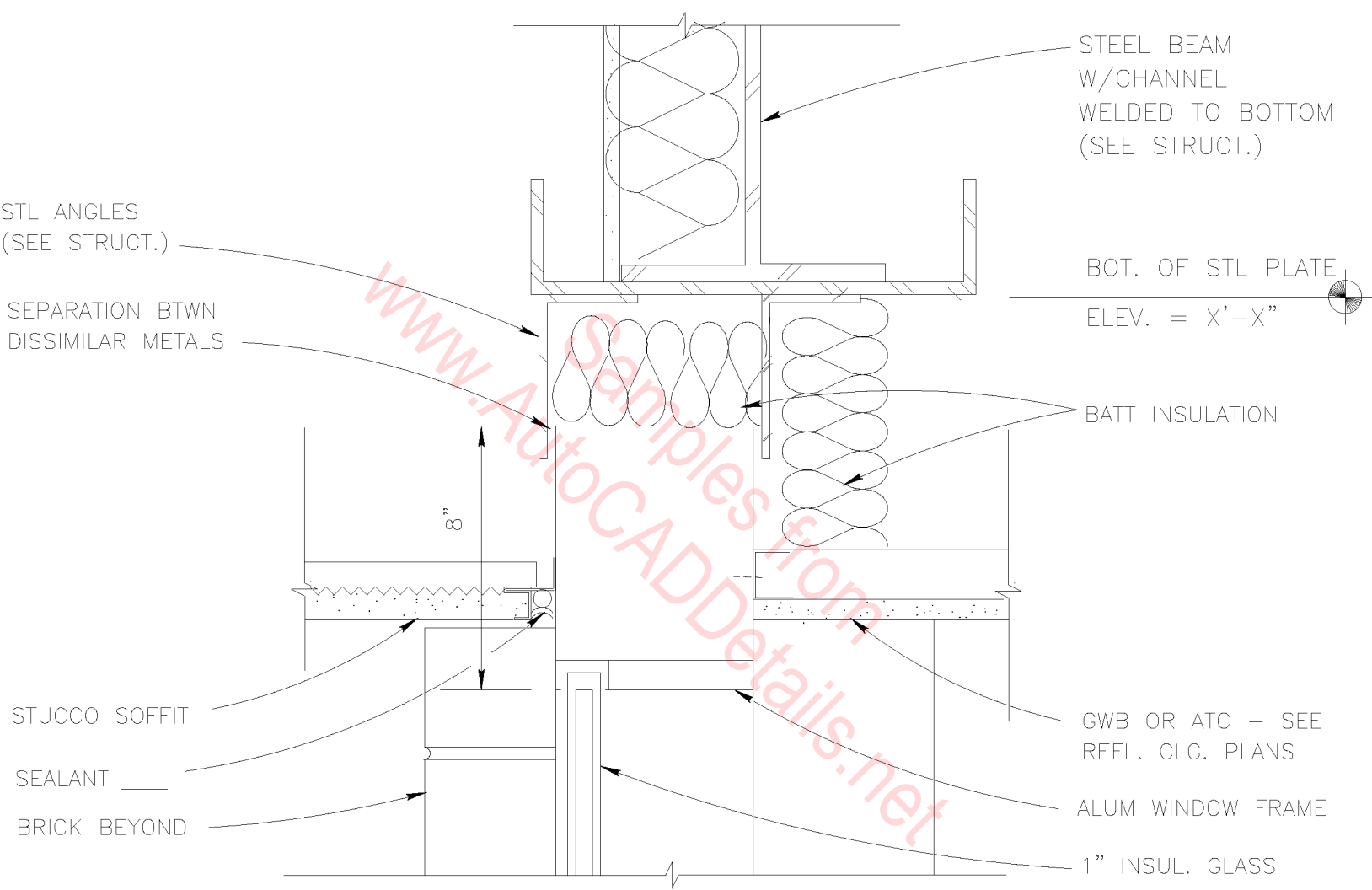




JAMB

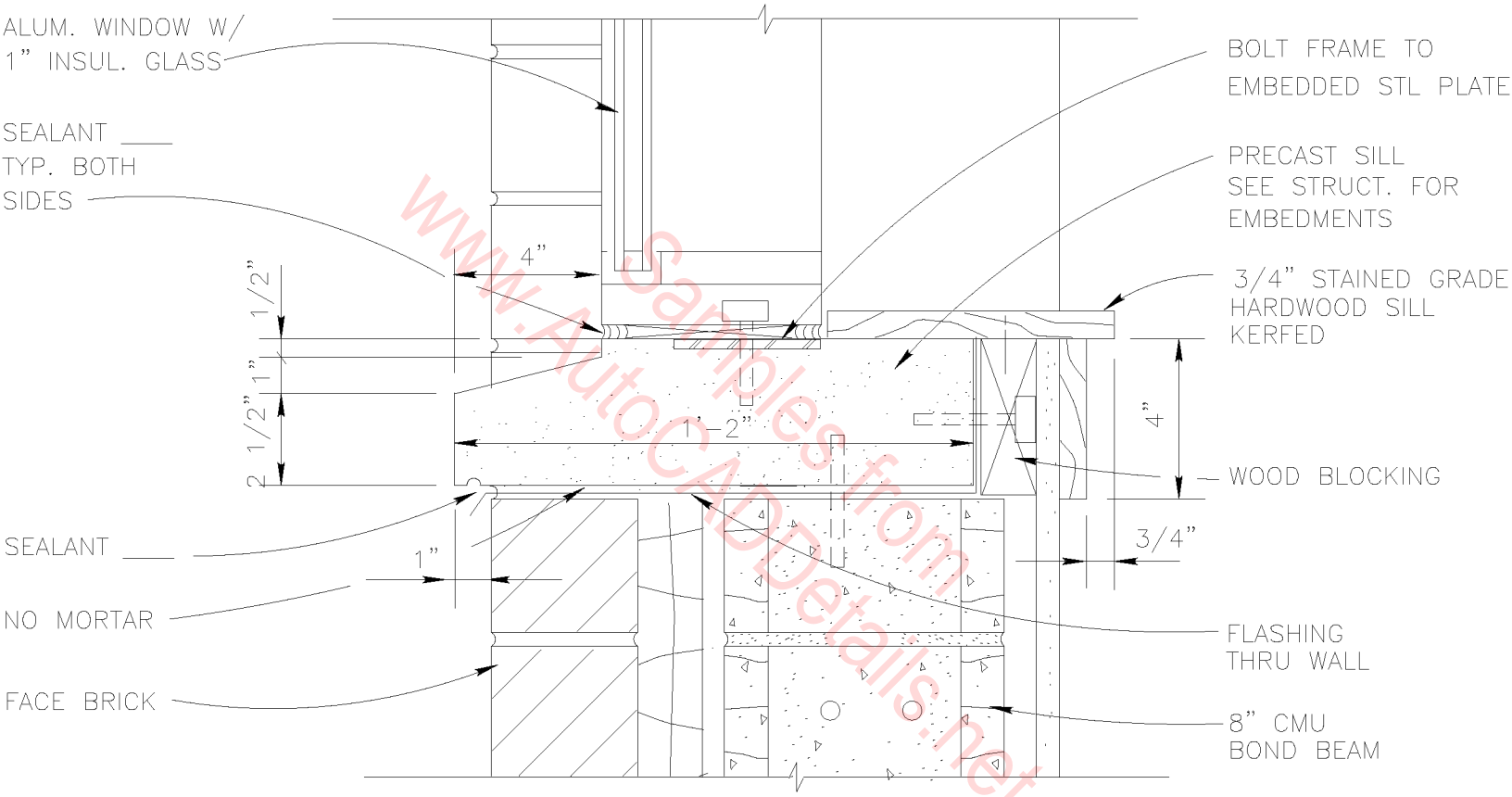
SCALE : 3" = 1'-0"





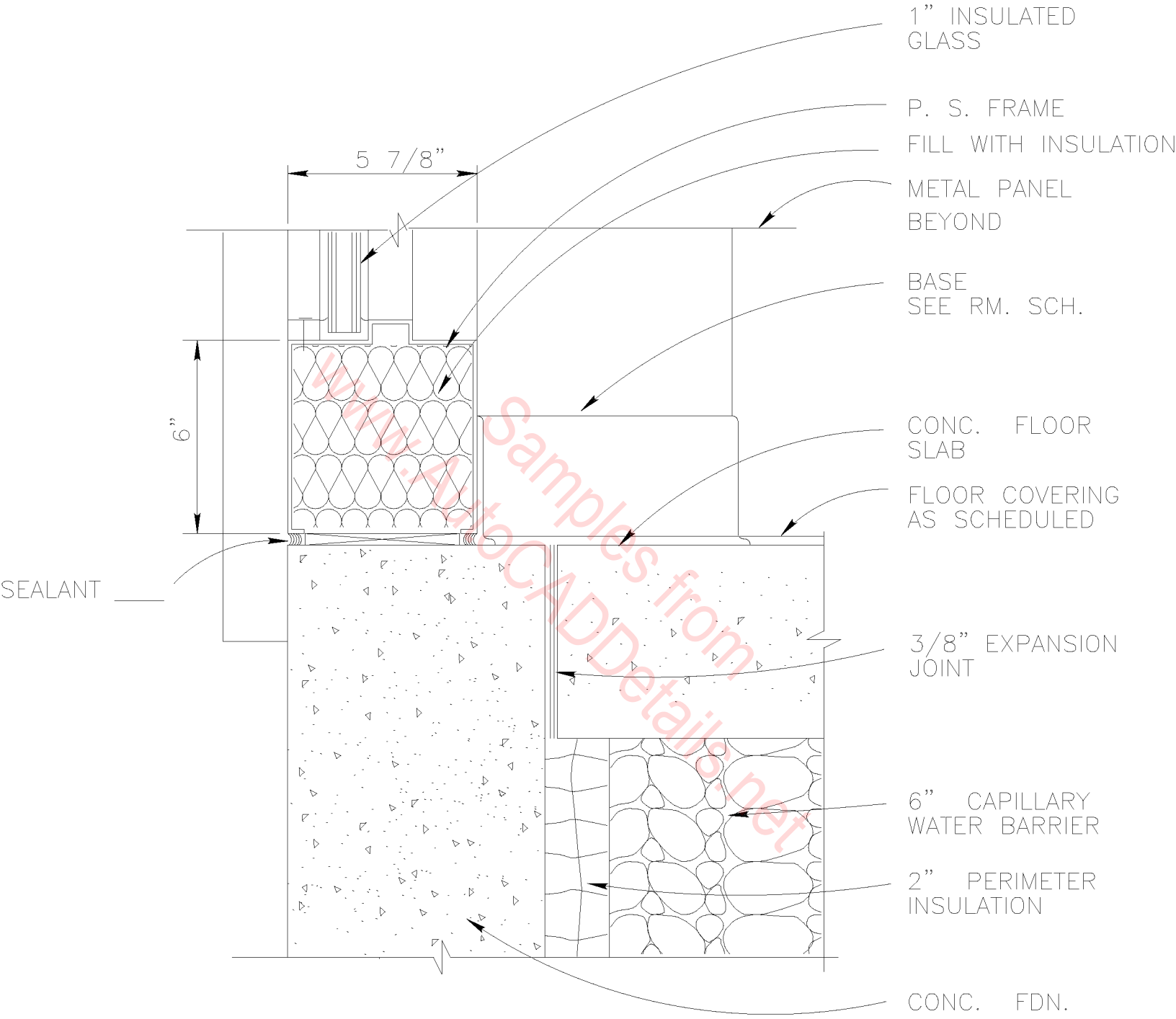
HEAD  
SCALE : 3"=1'-0"

X  
X|X



SILL  
SCALE : 3"=1'-0"

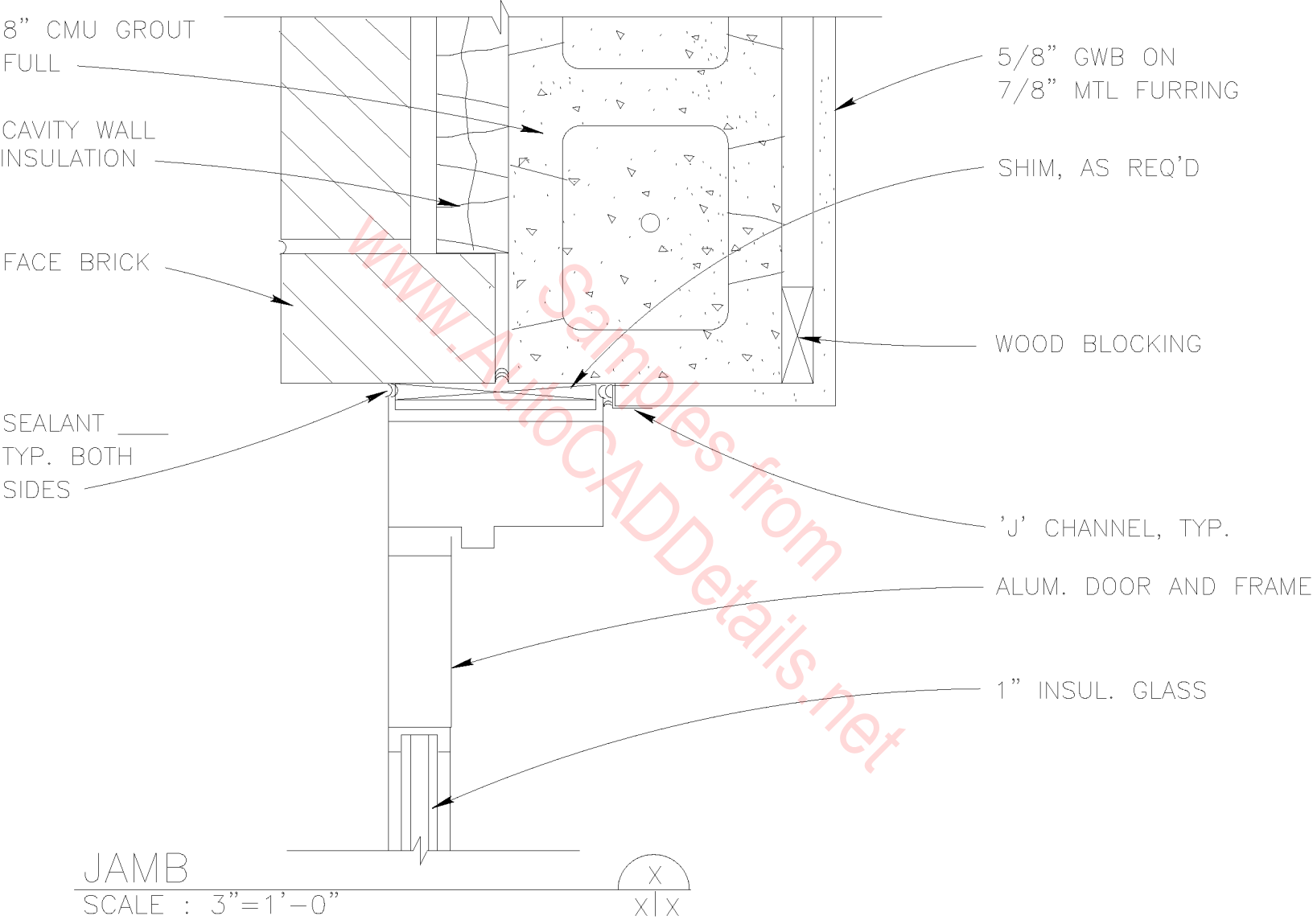




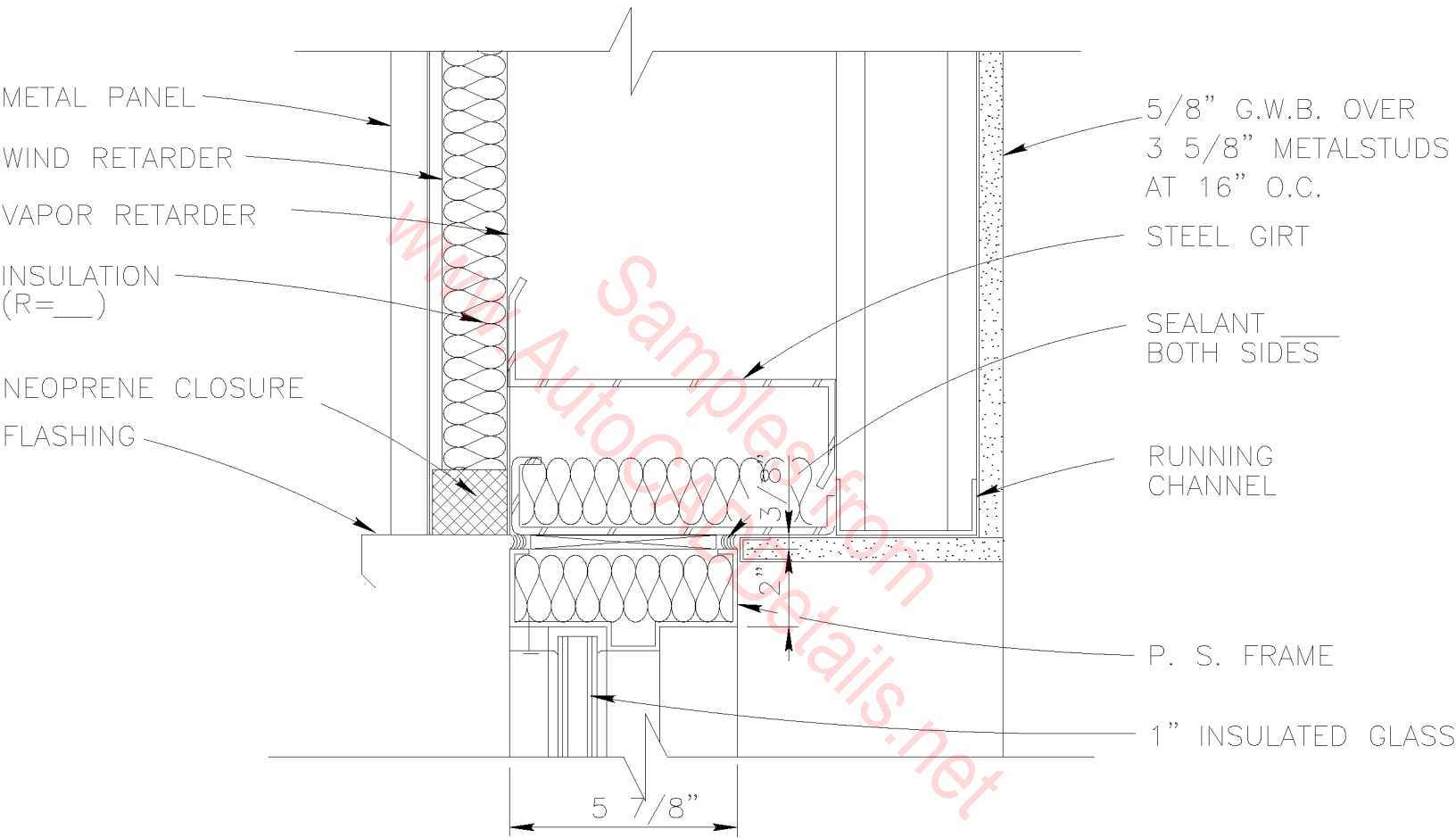
WINDOW SILL DETAIL

SCALE : 3" = 1'-0"



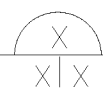


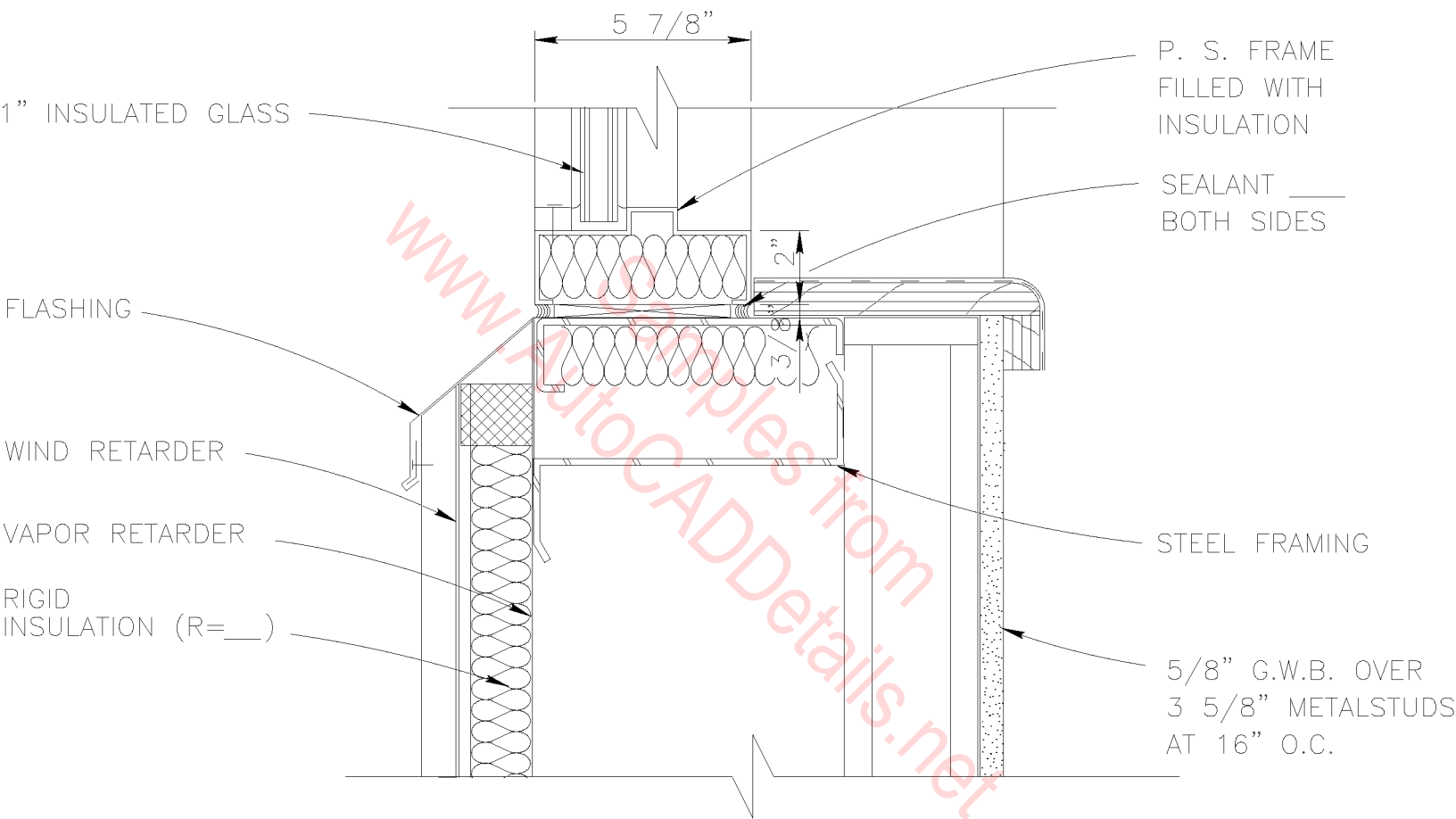




WINDOW HEAD DETAIL

SCALE : 3"=1'-0"





WINDOW SILL DETAIL X  
X|X  
 SCALE : 3" = 1'-0"

SEALANT

THERMALLY BROKEN  
ALUMINUM WINDOW  
FRAME (TYP.)

1" INSULATED GLAZING  
(SEE SPECS.)

INSECT SCREEN

BATT INSULATION

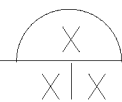
SEALANT

HEAD

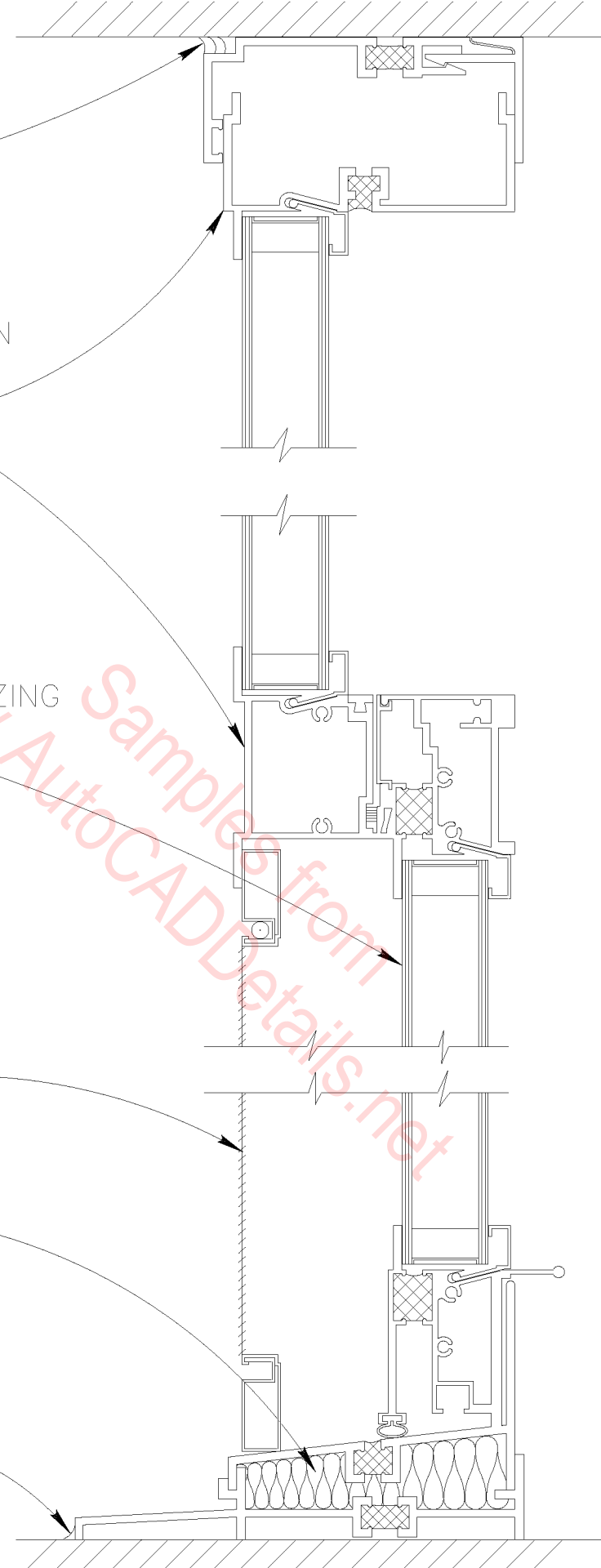
SILL

ALUM. WINDOW DETAIL

SCALE : 6" = 1'-0"



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FACTORY INSULATED  
METAL WALL PANELS

AL. HEAD FLASHING  
W/ DRIP & WEEPS

ELEV. = X"-X"

SEALANT

1" INSULATED GLAZING  
STOPS W/ TAMPER-  
PROOF FASTENERS

HEAD

SCALE : 3"=1'-0"

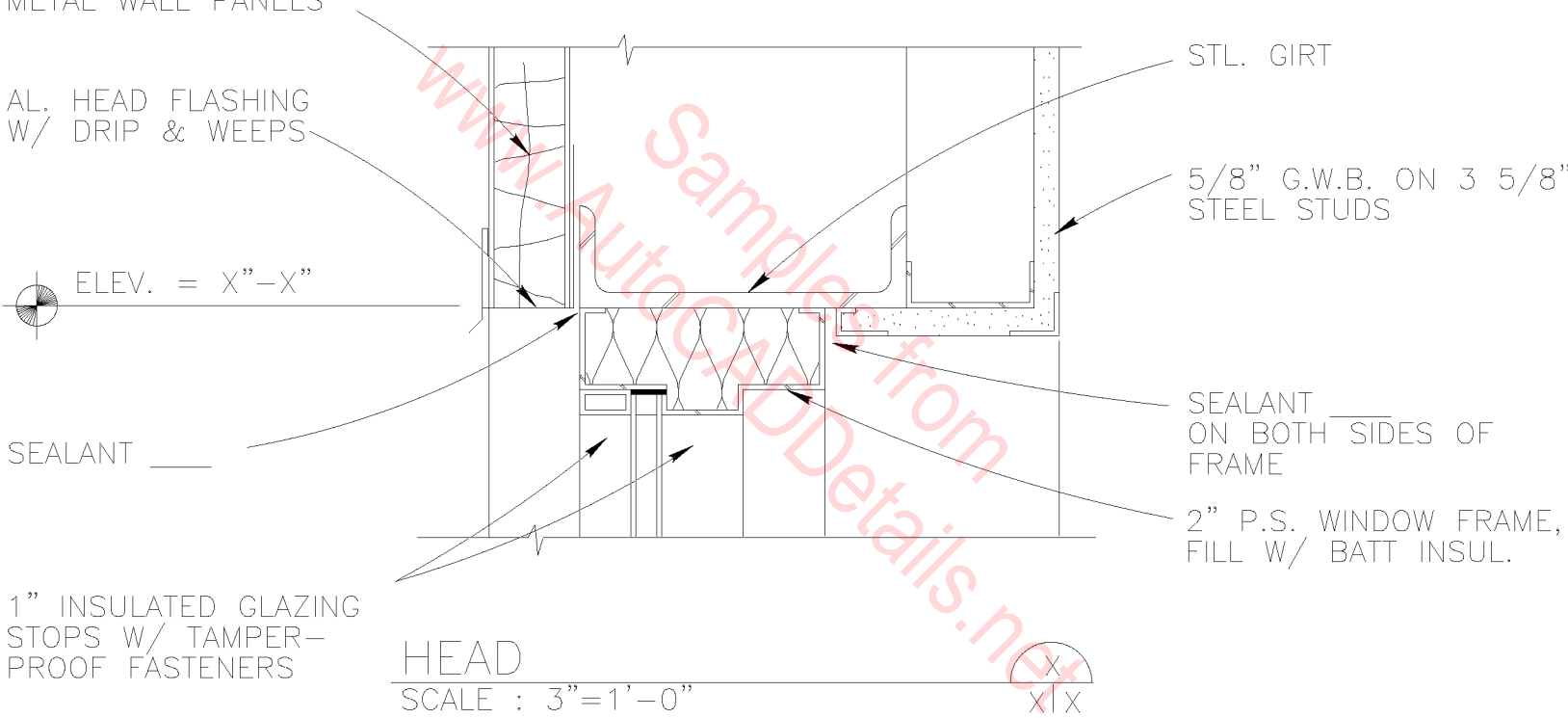
STL. GIRT

5/8" G.W.B. ON 3 5/8"  
STEEL STUDS

SEALANT  
ON BOTH SIDES OF  
FRAME

2" P.S. WINDOW FRAME,  
FILL W/ BATT INSUL.

X  
X



1" INSULATED GLAZING

ALUM. SILL FLASHING W/DRIP  
ANCHOR W/CONT. HOLD-DOWN  
CLIP @ DRIP EDGE

ELEV. = X'-X''

TREAT WOOD BLOCKING

CAVITY WALL  
INSULATION (R=11)

SILL  
SCALE : 3"=1'-0"

2" P.S. WINDOW FRAME,  
FILL W/BATT INSUL

SEALANT \_\_\_\_\_  
BOTH SIDES

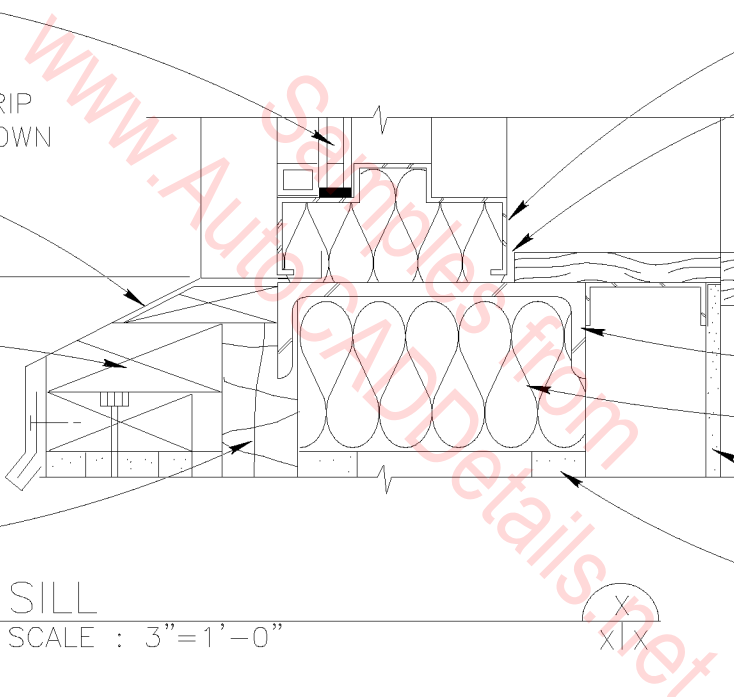
3/4" PLYWOOD SILL  
W/1-1/2" X 1-1/2"  
SOLID WOOD TRIM  
EDGE W/ PL-1 PLAS-  
TIC LAMINATE FINISH

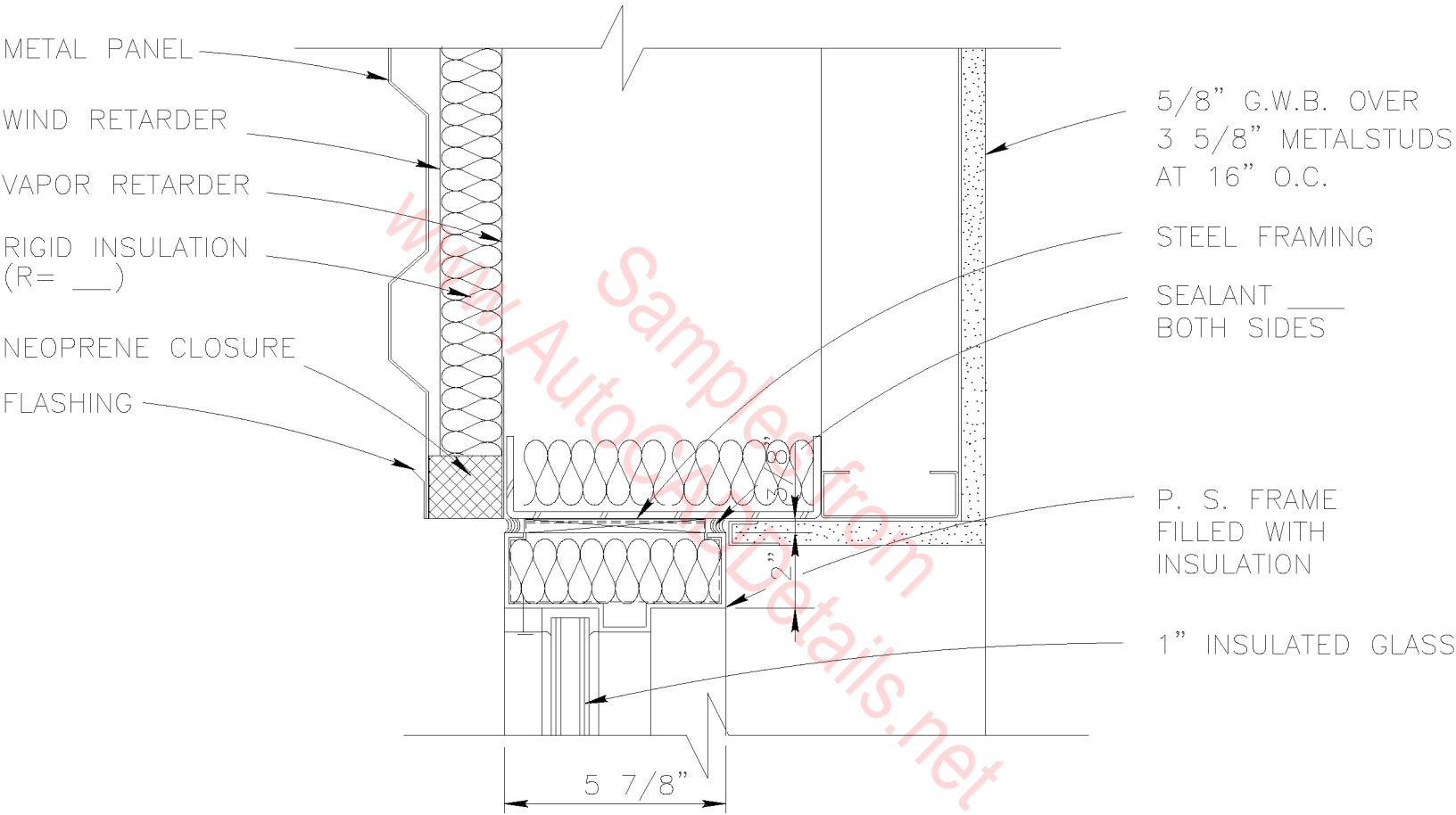
STEEL GIRT

STUFF VOID W/FIBER-  
GLASS INSULATION

5/8" G.W.B. ON  
3- 5/8" STL. STUDS

8" CMU WAINSCOT



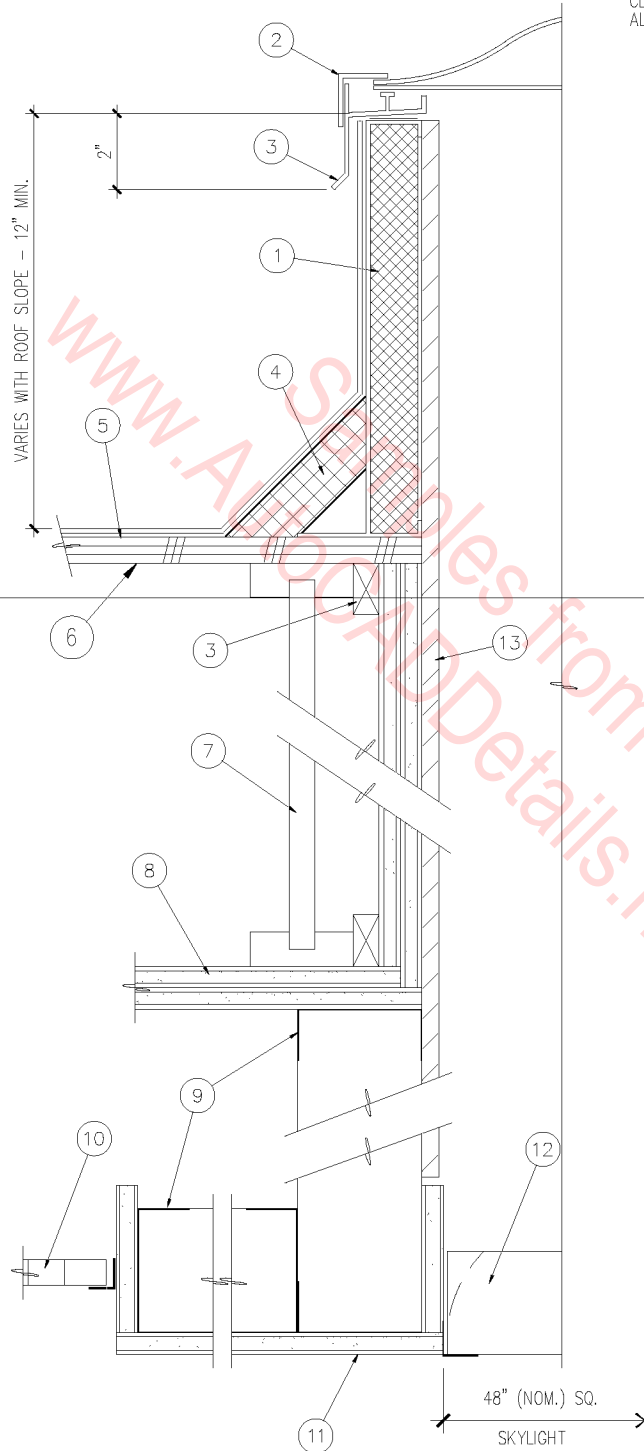


WINDOW JAMB DETAIL

SCALE : 3"=1'-0"



1. PREFABRICATED EQUIPMENT ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM. TWO LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD WITH ALUMINUM FOIL BOTH SIDES CLEAR SIDE FACING OUT. TAPE ALL CORNERS WITH FOIL TAPE.



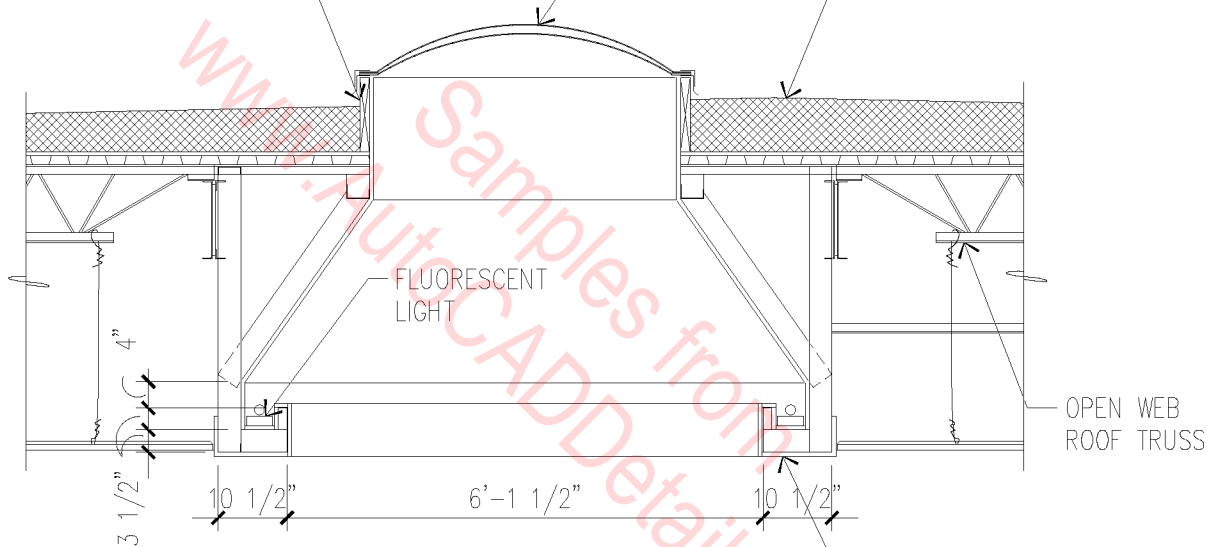
○ SKYLIGHT WELL  
 3" = 1'-0"

08B-5001

2 X 12 CONTINUOUS  
SKYLIGHT CURB

48" X 48" DOUBLE  
DOME SKYLIGHT

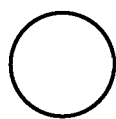
MODIFIED BITUMEN ROOF  
OVER RIGID INSULATION  
AND 1/2" O.S.B. PLYWOOD



FLUORESCENT  
LIGHT

OPEN WEB  
ROOF TRUSS

5/8" GYPSUM BOARD

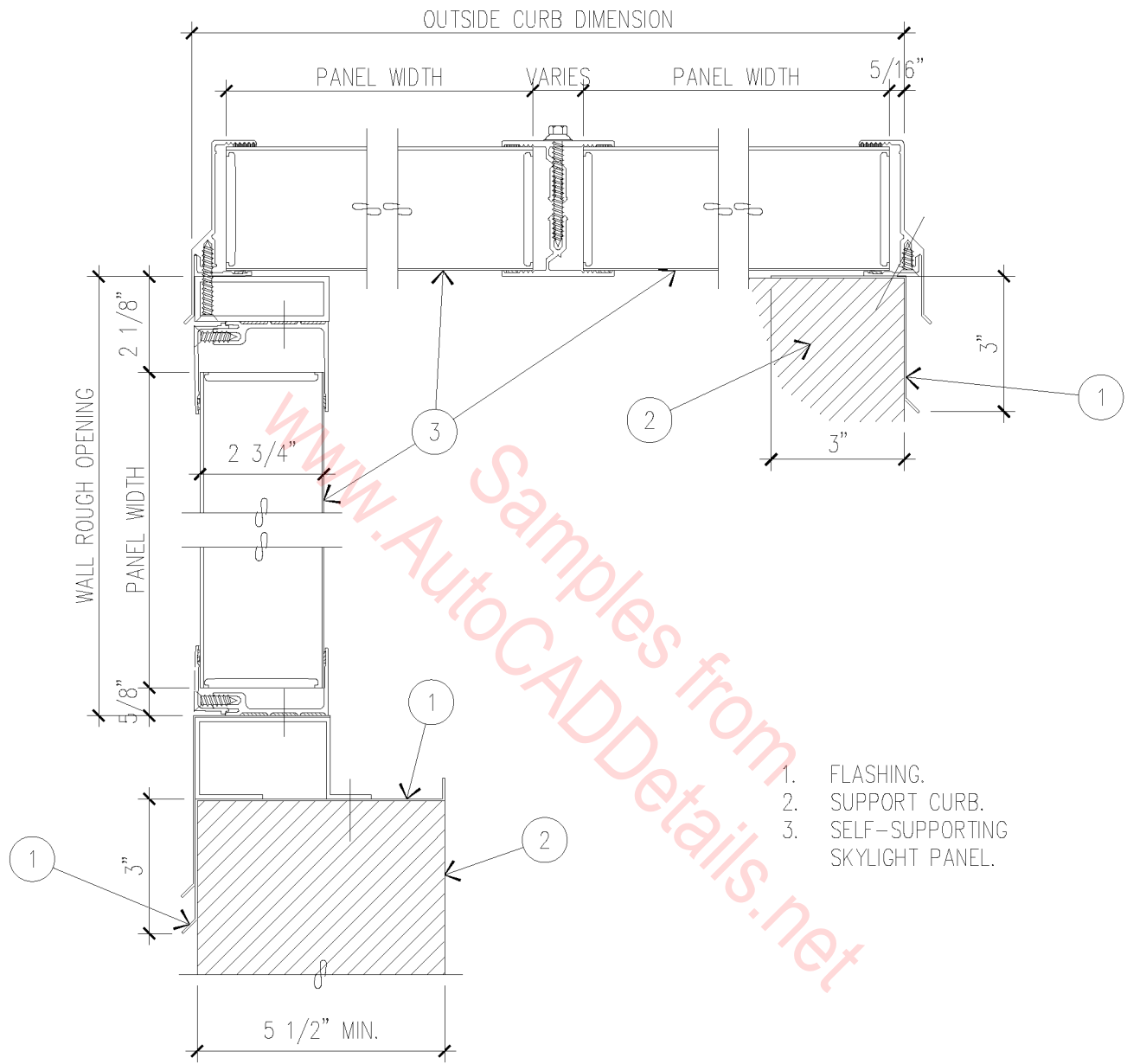


# SKYLIGHT - LIGHT WELL

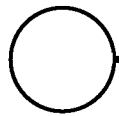
3/8" = 1'-0"

08B-5002



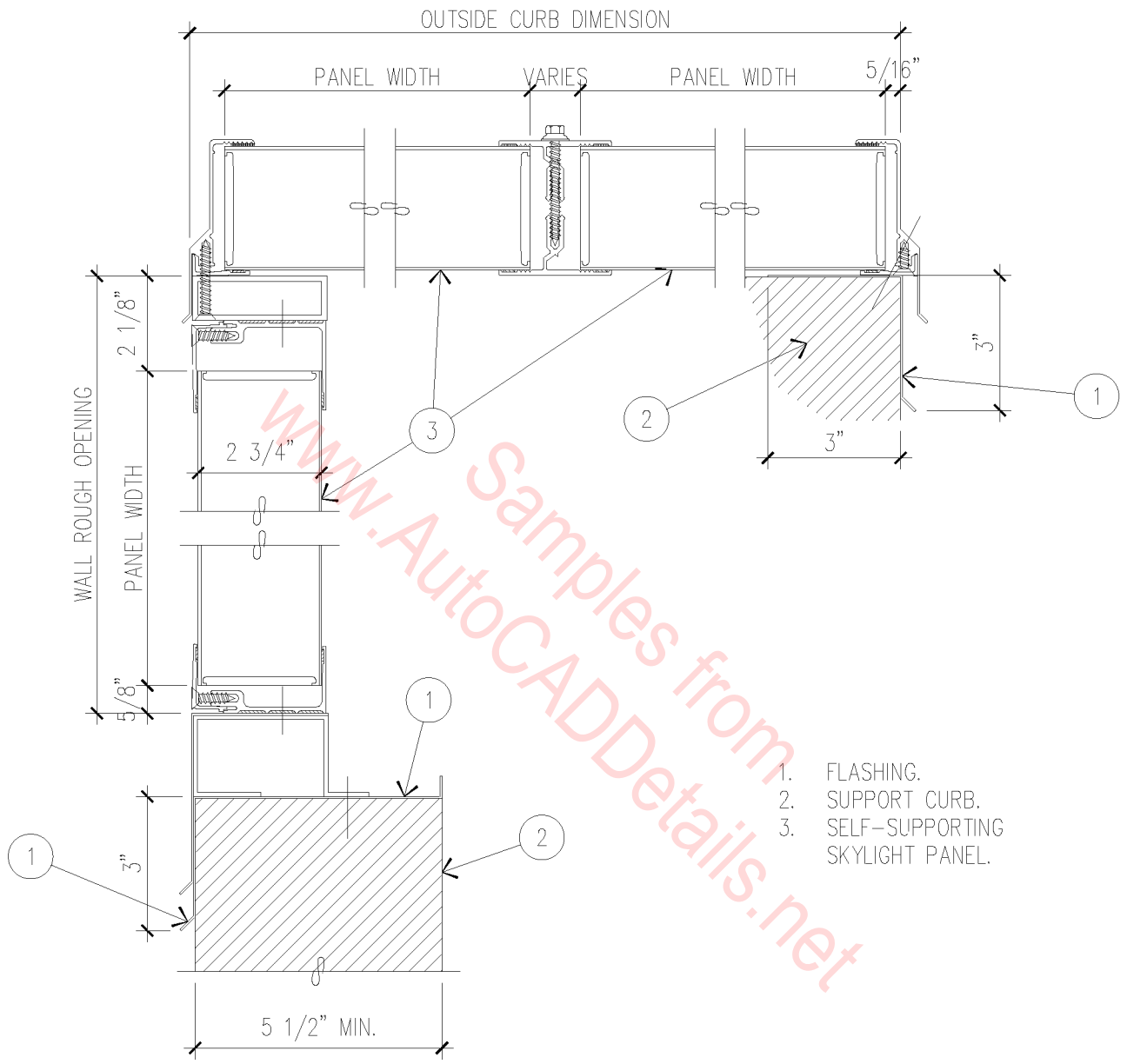


# FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT

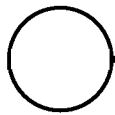


3" = 1'-0"

08B-5003

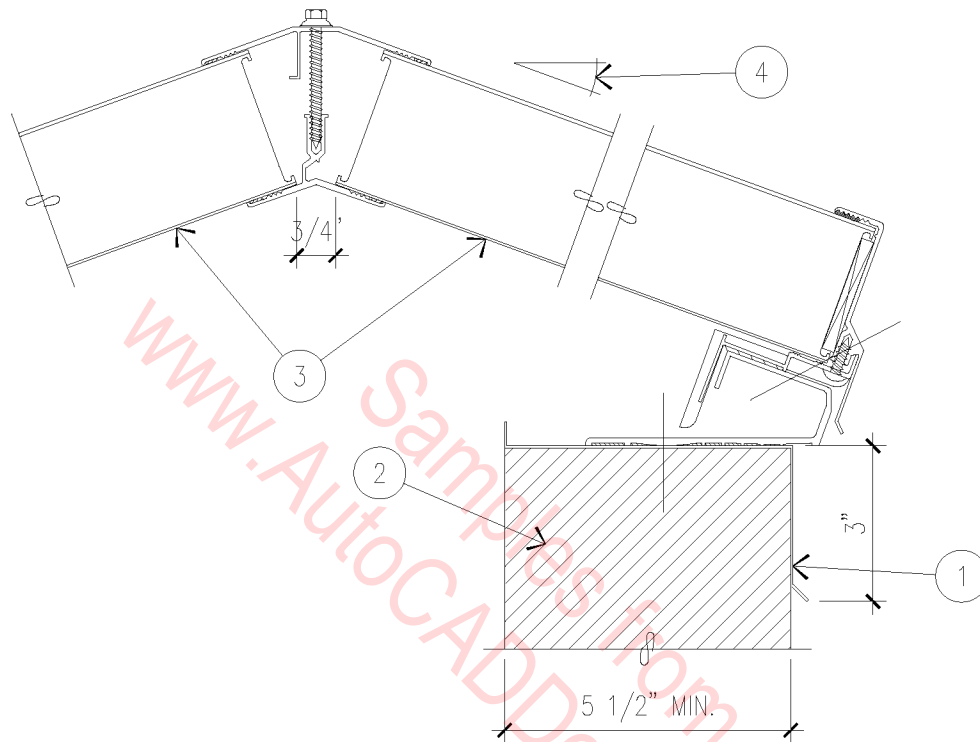


# FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT



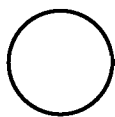
3" = 1'-0"

08B-5003



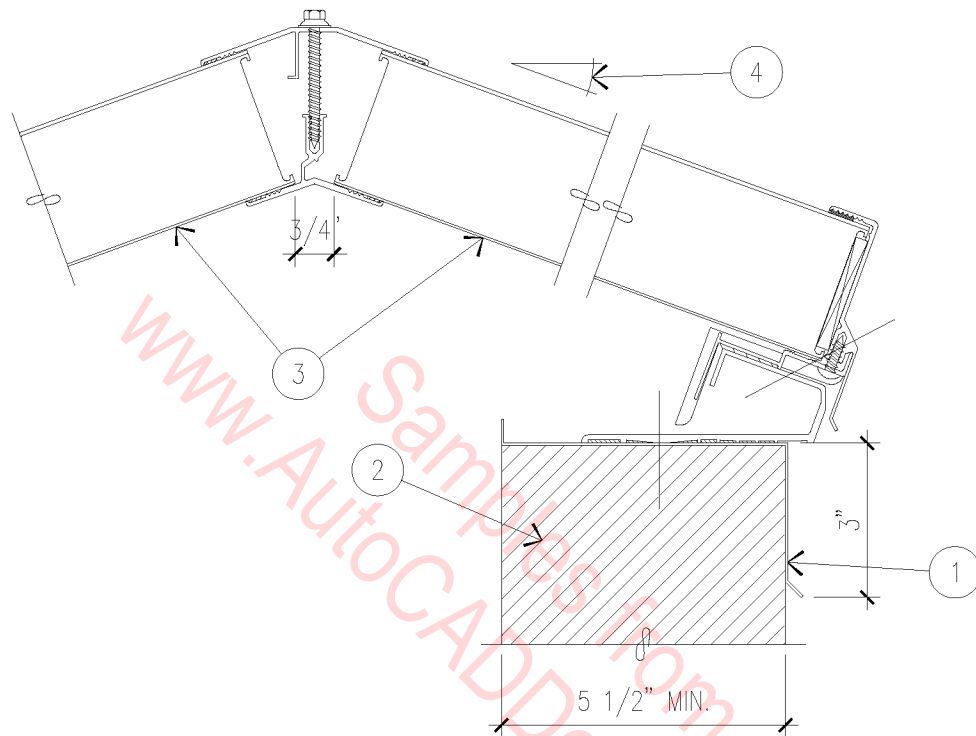
1. FLASHING.
2. SUPPORT CURB.
3. SELF-SUPPORTING SKYLIGHT PANEL.
4. SLOPE: 20°, 27.25°, 33.33°, OR 45° (TYPICAL).

## FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT



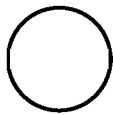
3" = 1'-0"

08B-5004



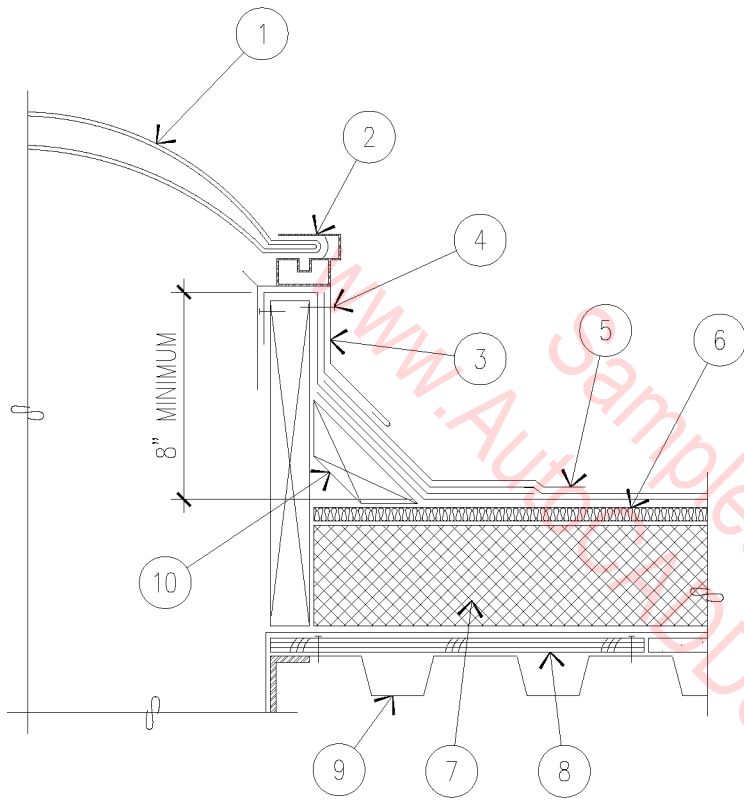
1. FLASHING.
2. SUPPORT CURB.
3. SELF-SUPPORTING SKYLIGHT PANEL.
4. SLOPE: 20°, 27.25°, 33.33°, OR 45° (TYPICAL).

# FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT



3" = 1'-0"

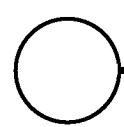
08B-5004



1. DOUBLE DOME SKYLIGHT.
2. SKYLIGHT FRAME WITH WEEP HOLES.
3. CAP FLASHING.
4. FASTENERS.
5. BUILT-UP ROOFING - SEE SPECIFICATIONS.
6. PRIMARY INSULATION.
7. OPTIONAL AIR/VAPOR BARRIER.
8. PLYWOOD.
9. METAL DECKING.
10. CANT STRIP.

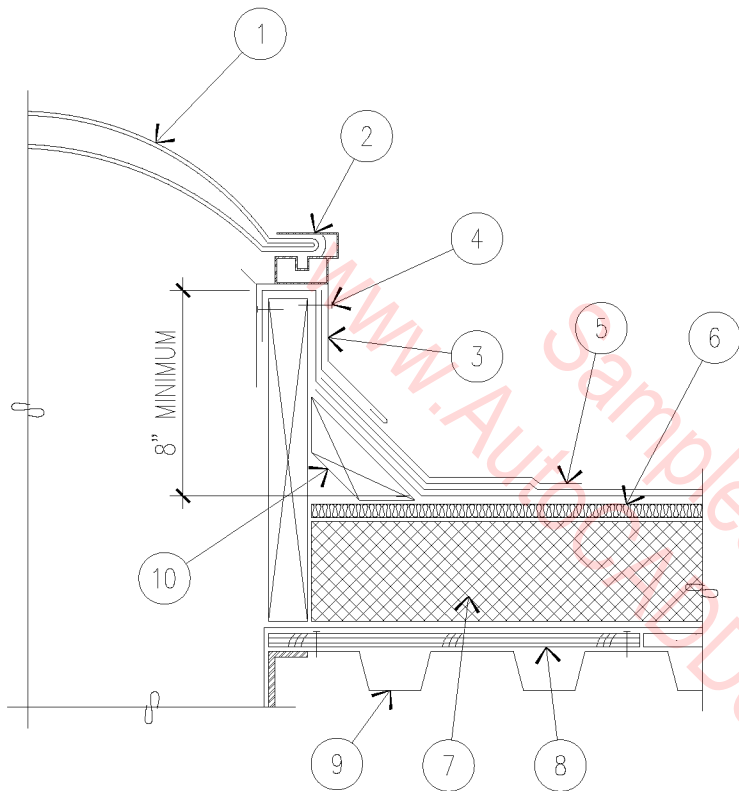
NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.

# EQUIPMENT STRUCTURAL SUPPORT



1 1/2" = 1'-0"

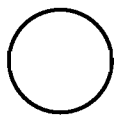
08B-5005



1. DOUBLE DOME SKYLIGHT.
2. SKYLIGHT FRAME WITH WEEP HOLES.
3. CAP FLASHING.
4. FASTENERS.
5. BUILT-UP ROOFING - SEE SPECIFICATIONS.
6. PRIMARY INSULATION.
7. OPTIONAL AIR/VAPOR BARRIER.
8. PLYWOOD.
9. METAL DECKING.
10. CANT STRIP.

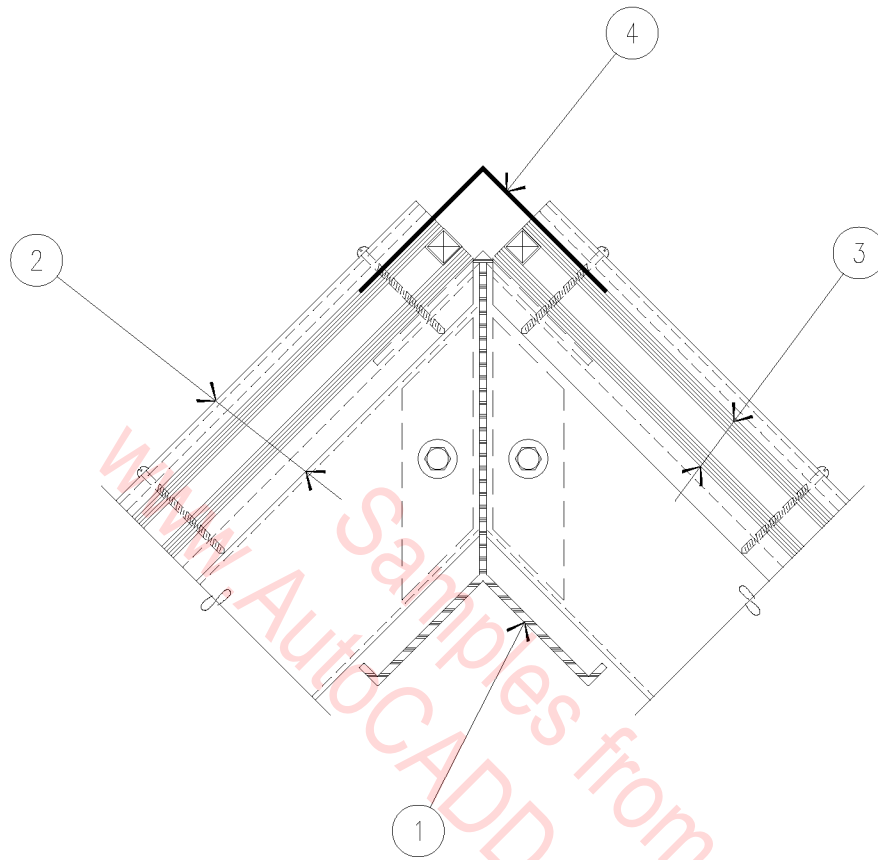
NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.

## EQUIPMENT STRUCTURAL SUPPORT

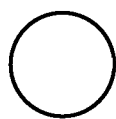


1 1/2" = 1'-0"

08B-5005



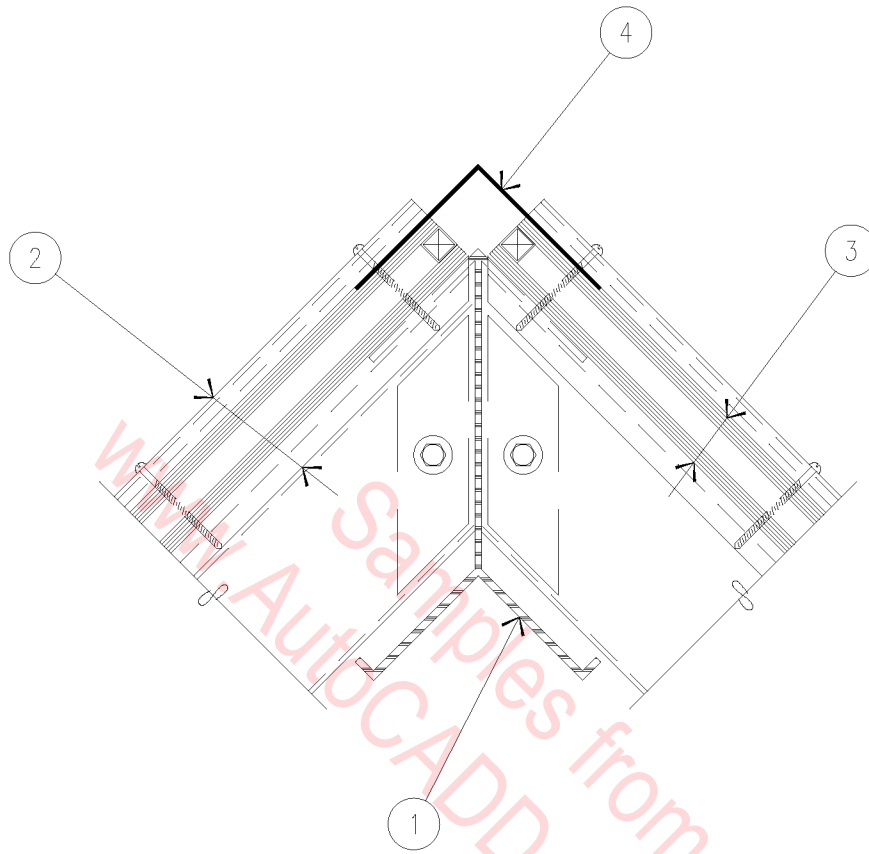
1. EXTRUDED ALUMINUM RIDGE WITH PAINTED FINISH – COLOR TO MATCH STOREFRONT WINDOWS.
2. GLAZING BARS
3. GLAZING.
4. ALUMINUM RIDGE CAP WITH PAINTED FINISH.



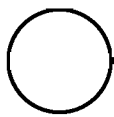
## SKYLIGHT RIDGE

3" = 1'-0"

08B-5006



1. EXTRUDED ALUMINUM RIDGE WITH PAINTED FINISH – COLOR TO MATCH STOREFRONT WINDOWS.
2. GLAZING BARS
3. GLAZING.
4. ALUMINUM RIDGE CAP WITH PAINTED FINISH.

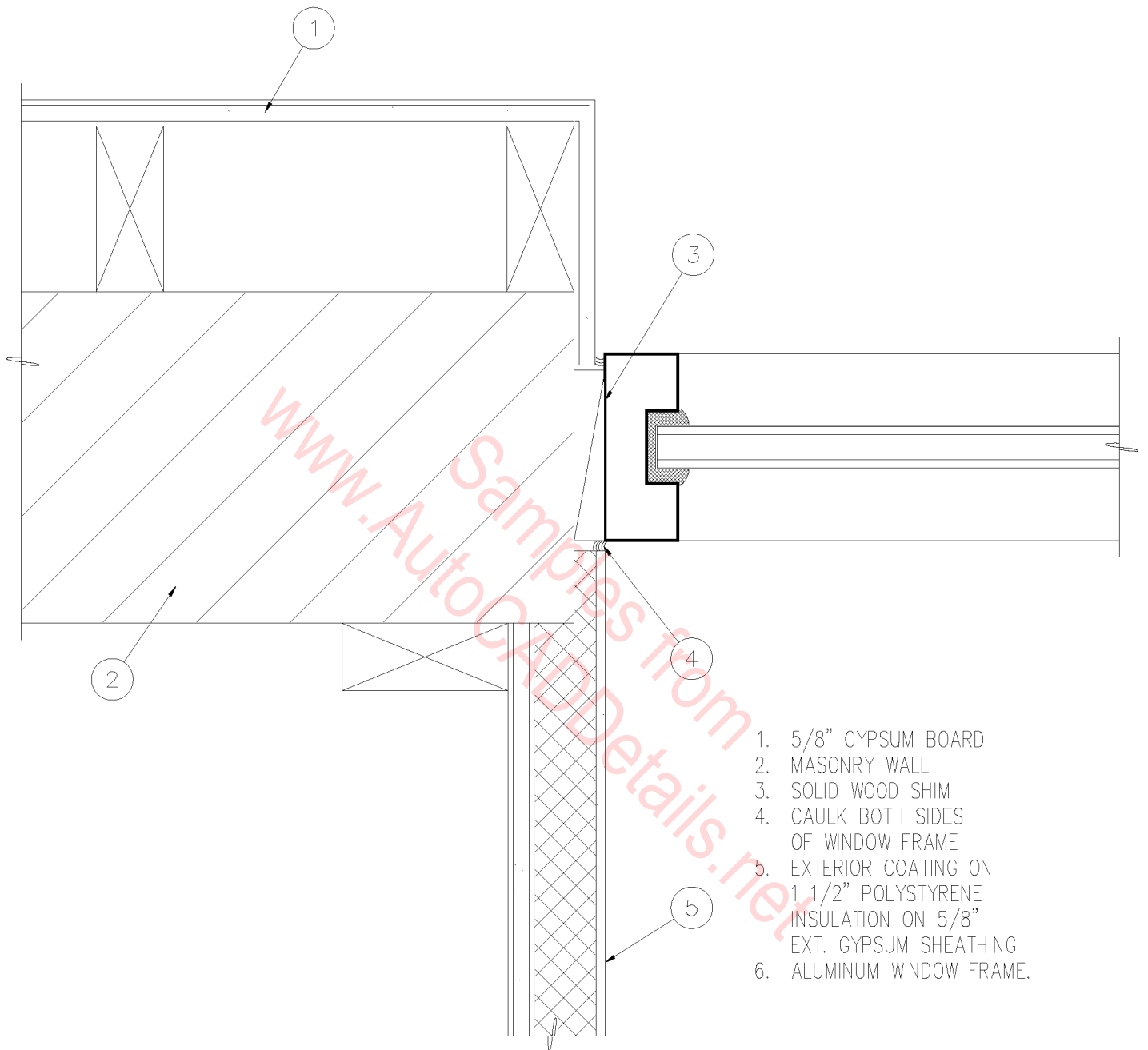


# SKYLIGHT RIDGE

3" = 1'-0"

08B-5006



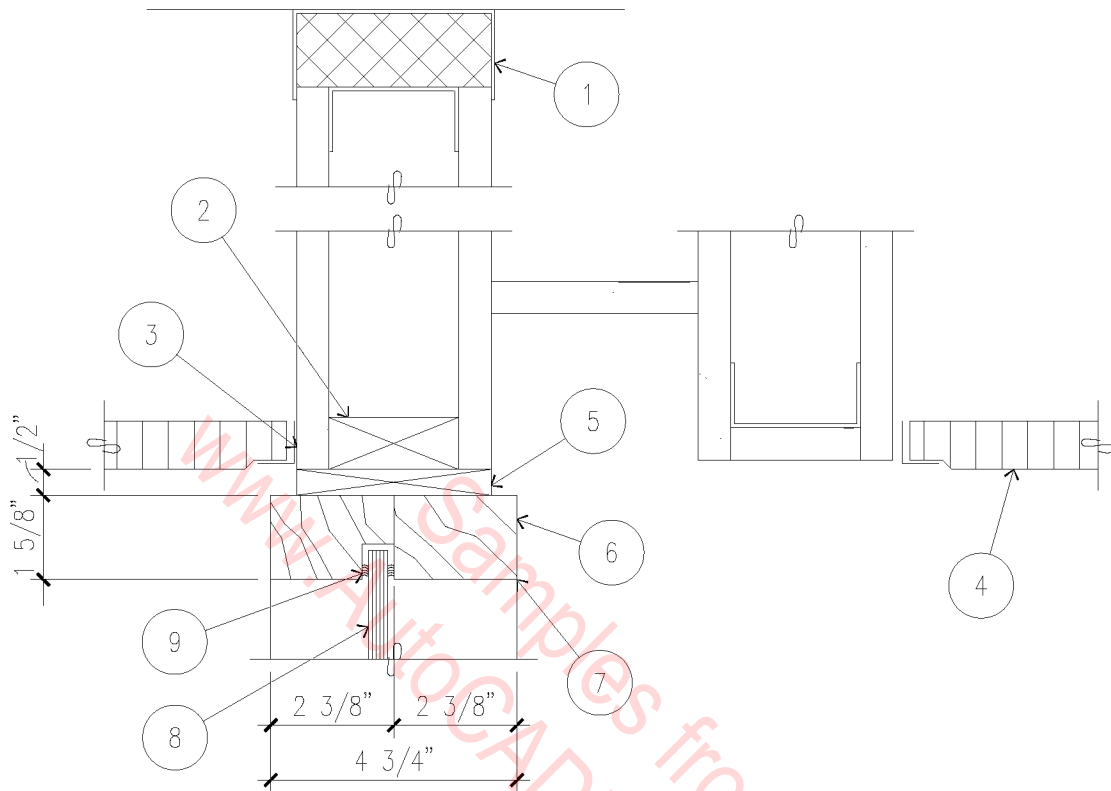


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1. 5/8" GYPSUM BOARD
2. MASONRY WALL
3. SOLID WOOD SHIM
4. CAULK BOTH SIDES OF WINDOW FRAME
5. EXTERIOR COATING ON 1 1/2" POLYSTYRENE INSULATION ON 5/8" EXT. GYPSUM SHEATHING
6. ALUMINUM WINDOW FRAME.

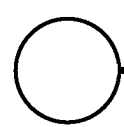
○ WINDOW JAMB  
 3" = 1'-0"

08B-2001



1. CONNECTION TO STRUCTURE ABOVE.
2. FIRE RESISTIVE TREATED BLOCKING.
3. METAL CEILING ANGLE.
4. SCHEDULED CEILING SYSTEM.
5. SOLID ALDER REVEAL BLOCKING.  
FINISH TO MATCH.
6. CHERRY WOOD HEAD.
7. EASED EDGE, TYPICAL.
8. 3/8" THICK TEMPERED GLASS  
(TINTED).
9. BLACK NEOPRENE GASKET.

NOTE: ANCHOR WITH 'HILTI', OR EQUAL, POWER ACTUATED FASTENERS, I.C.B.O. #3288, @ 16" O.C.



# DRAPERY ROD POCKET

3" = 1'-0"

08B-2002