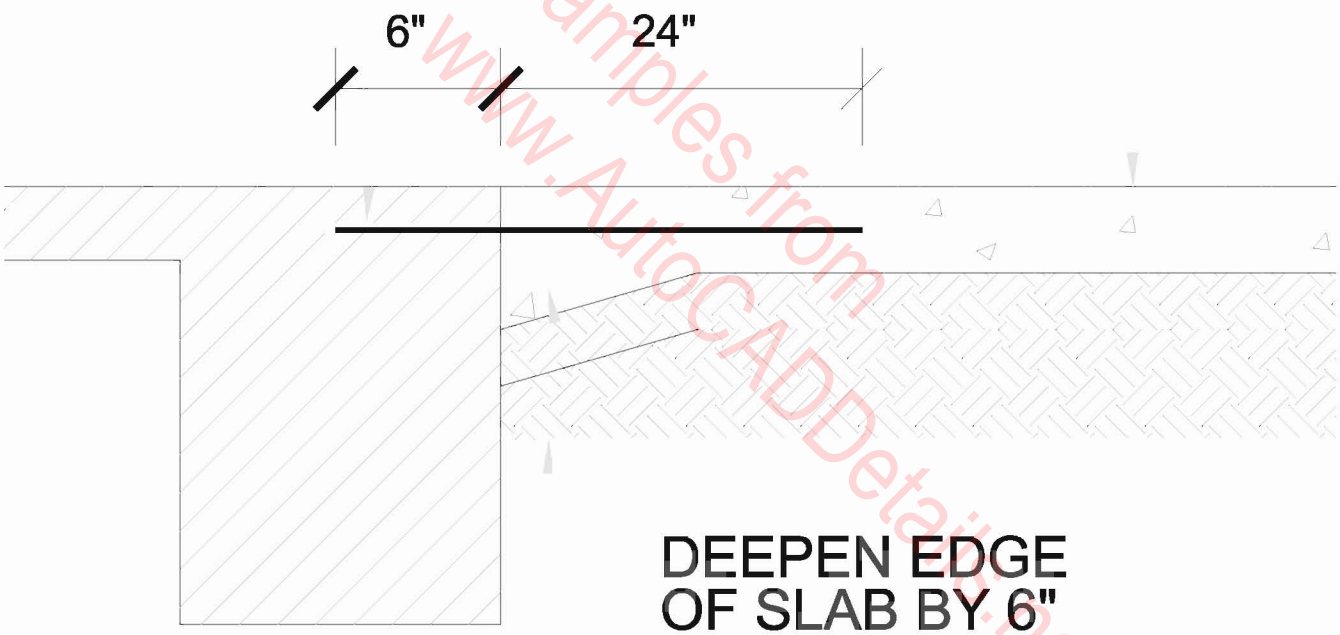
4" CONC. SLAB-ON-GRADE w/#4 BARS @ 16" O.C. EA. WAY @ MID DEPTH. f'c=2,500 PSI

#4 REBAR DOWEL SET IN SIMPSON SET EPOXY @ 16" O.C., ICBO NO. ER-5729, SP. INSP. REQ'D

Samples from www.AutoCADDetails.net



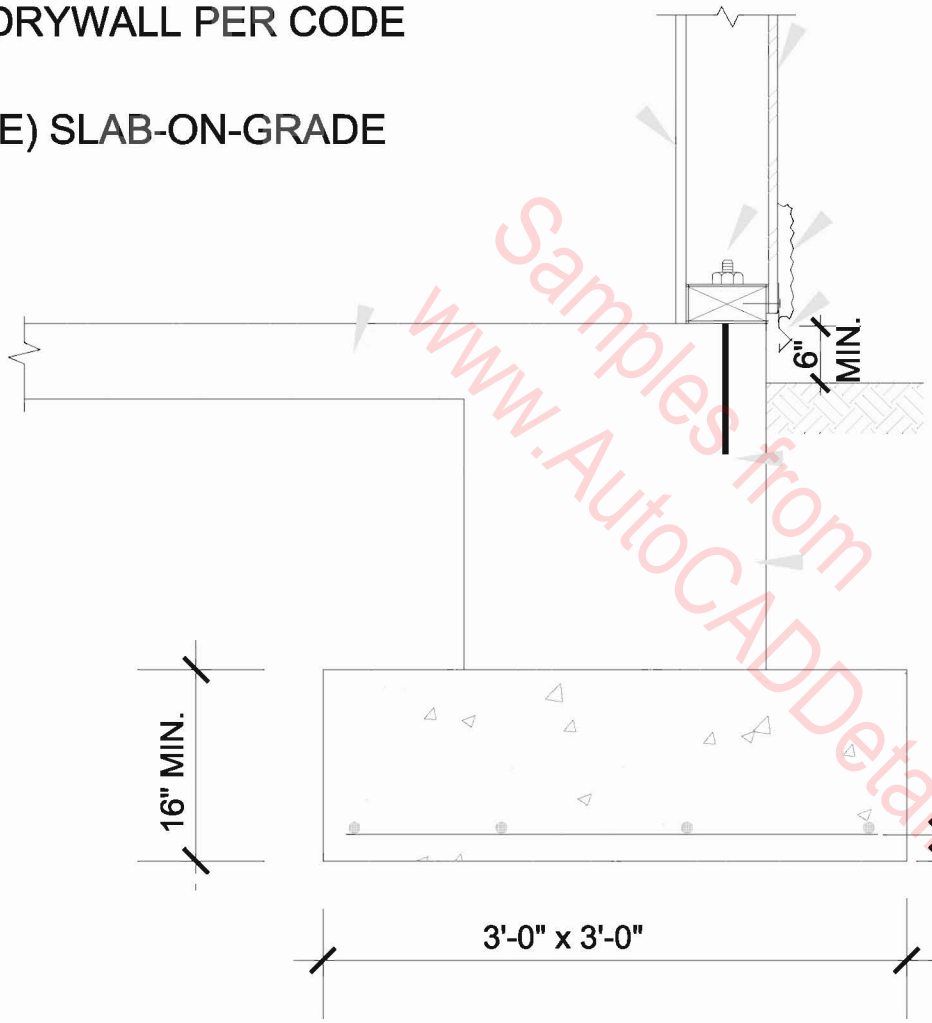
DEEPEN EDGE OF SLAB BY 6"

FIRM SUBGRADE SOIL PER CODE

(E) SLAB CONN TO (N) SLAB DETAIL

DRYWALL PER CODE

(E) SLAB-ON-GRADE



PLYWOOD PER SHEAR WALL SCHEDULE (WHERE OCCURS)

3x4 SILL PL. (P.T.)

7/8" STUCCO PER CODE

FLASHING PER CODE

5/8"Ø M.B. w/ SET EPOXY PER S/W SCHD., MIN, EMBED. 5", MIN. EDGE DIST. 1-3/4" LARR #25729, SP. INSP. REQ'D

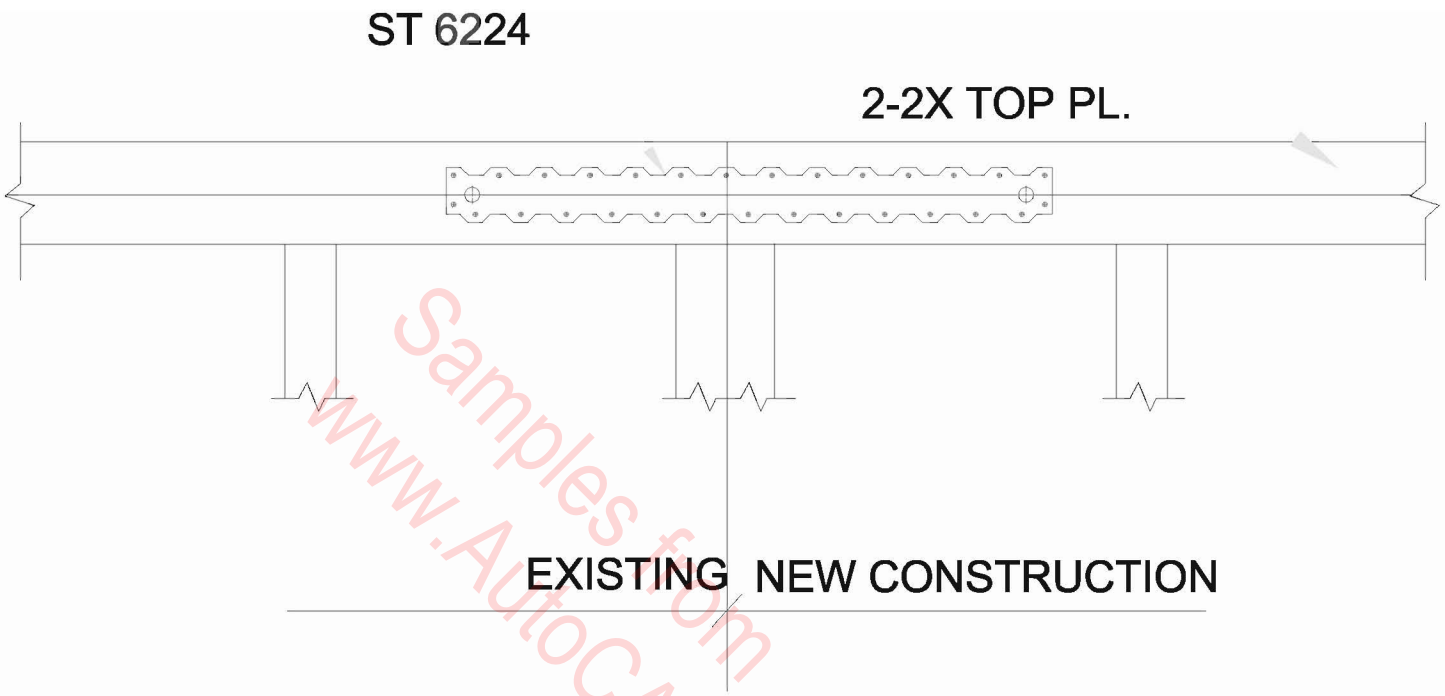
(E) CONC. FOOTING

(N) 3'-0"x3'-0" CONC. PAD w/ 4- #5 BARS @ BOTT. EA. WAY, f'c=2,500 PSI SPACE 8'-0" O.C. MAX.

3" CLR. (TYP.)

Samples from www.AutoCADDetails.net

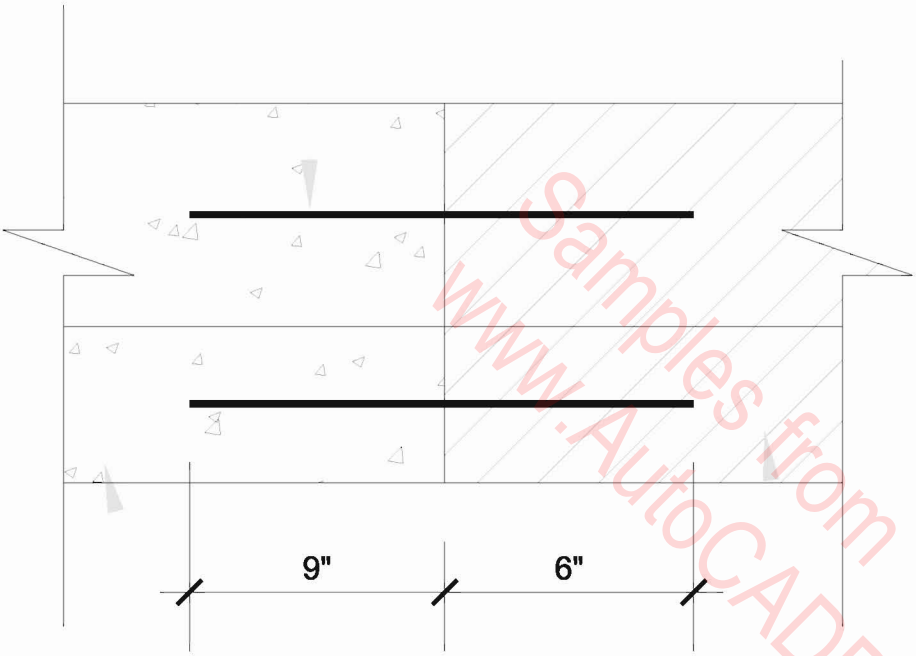
(E)WALL FOOTING-(N) WALL FOOTING DETAIL



Samples from
www.AutoCADDetails.net

(E) TOP PLATE & (N) TOP PLATE CONN.DETAIL

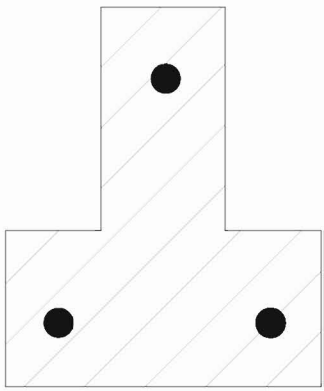
3#5 REBAR DOWEL , TYP.
w/ SET EPOXY , LARR #25279
MIN EDGE DIST. 1 3/4"
MIN EMBED. 5" SP. INSP. REQ'D.



(N) FOOTING , REF

(E) FOOTING

SIDE VIEW



SECTION

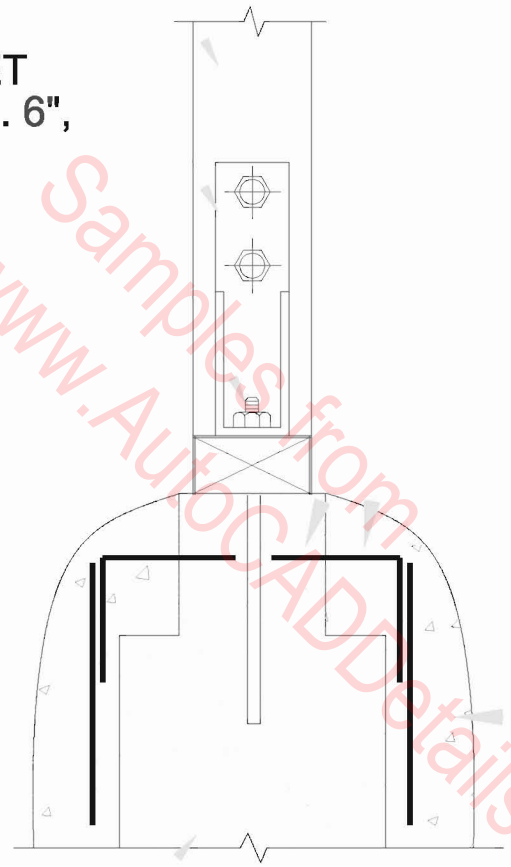
samples from www.AutoCADDetails.net

(E)WALL FOOTING & (N) WALL FOOTING DETAIL

2x4 OR 4x4, REF.
SEE S/W SCH. ON
SHEET S-1

HD, REF., PER S/W
SCH. ON SHT. S-1

M.B. PER S/W SCH.,
SET IN SIMPSON SET
EPOXY MIN. EMBED. 6",
MIN. EDGE DIST. 9"
LARR# 25279
SP. INSP. REQ'D



#4 DOWEL @ 8" O.C.
w/ SIMPSON SET
EMBED. 6", MIN.
EDGE DIST. 5"
LARR# 25279
SP. INSP. REQ'D

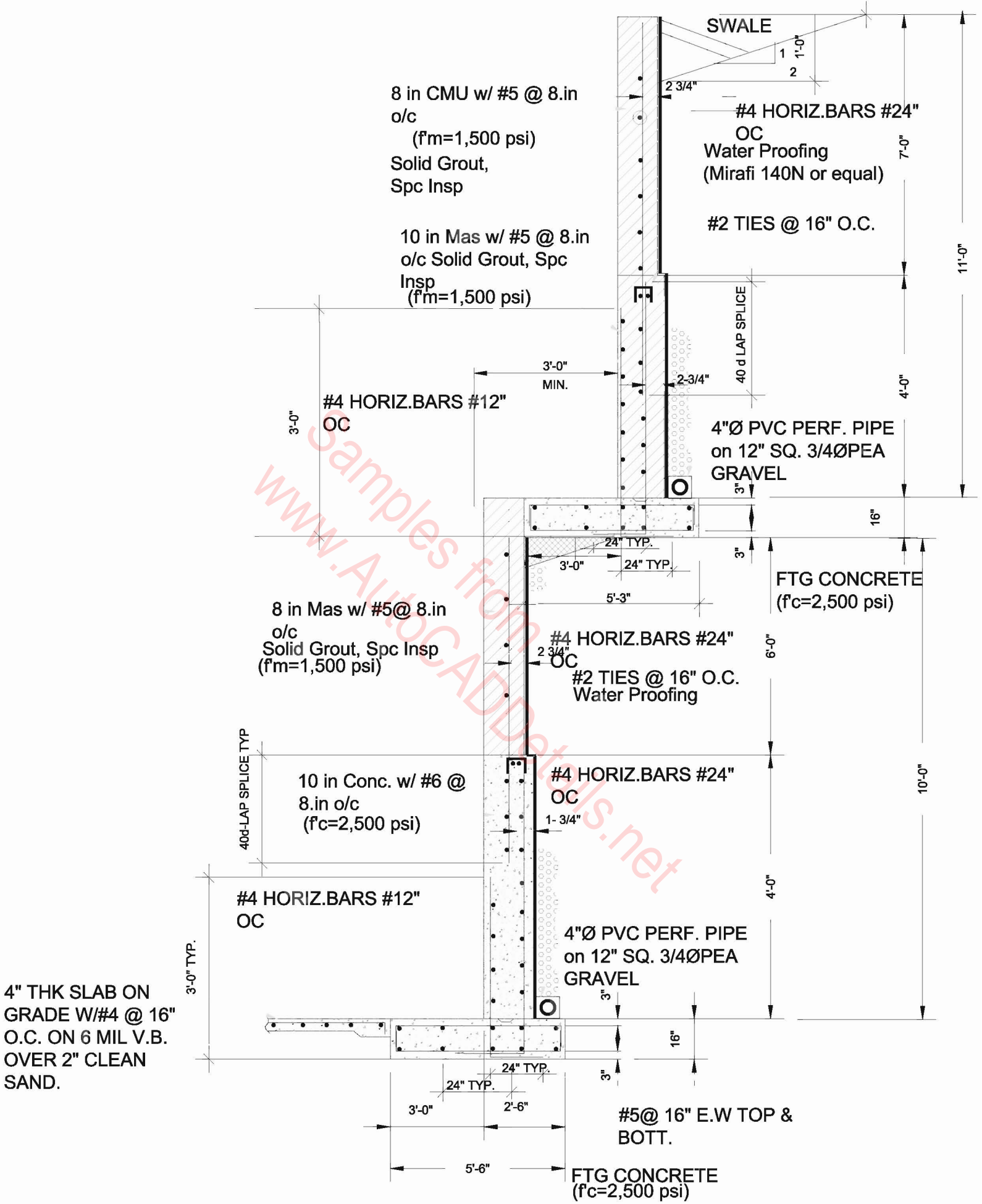
CONC. COVER, TO
PROVIDE REQ'D EDGE
DISTANCE, 24" LONG
f'c=2,500 PSI

(E) CONC. FOOTING,
REF.

SECTION

(E)WALL FOOTING RETROFIT DETAIL

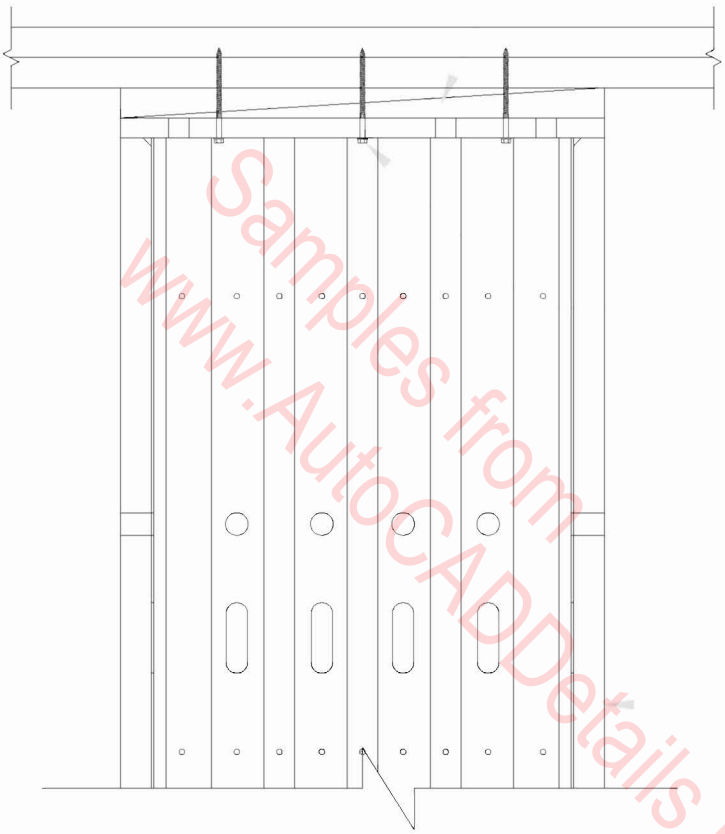
Samples from www.AutoCADDetails.net



Samples from AutoCADDetails.net
www.AutoCADDetails.net

2-10' SPLIT RETAINING WALL DET.

2x FLAT SHIM BLOCK



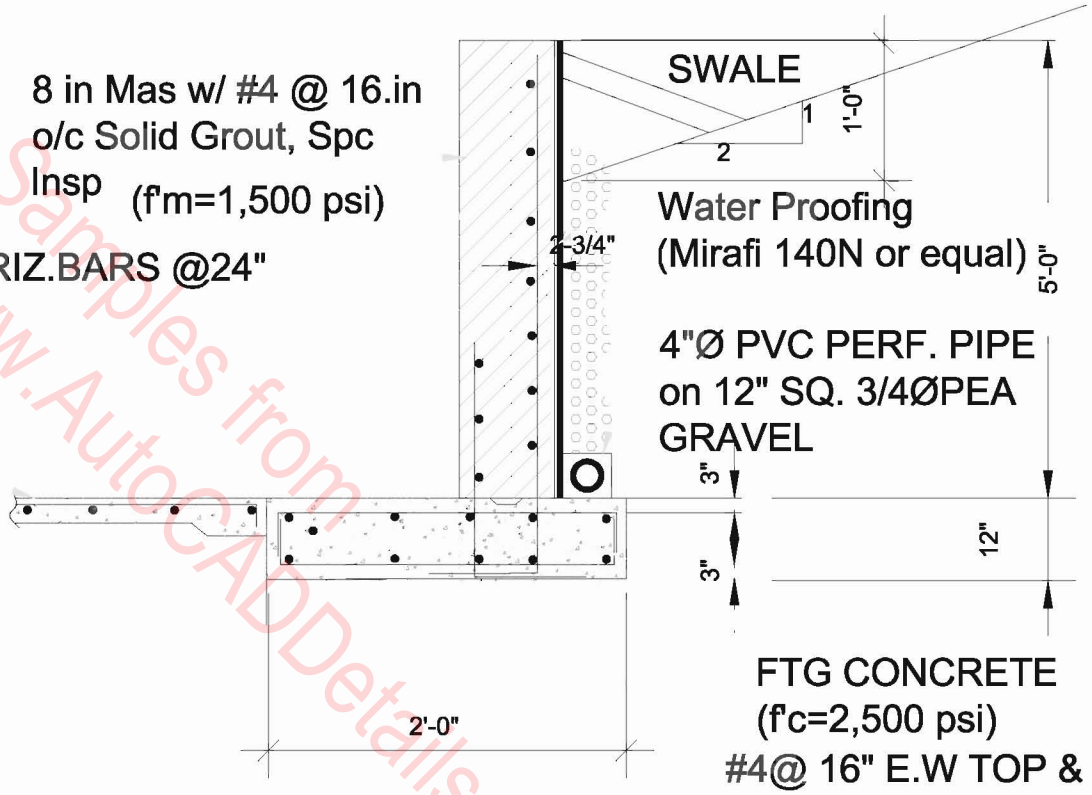
ATTACH WITHSDS¼ x 4½
SCREWS TO SHIM BLOCK
INSTEAD OFSDS¼ x 3½
SCREWS PROVIDED

ADJACENT FRAMING
BY OTHERS

Samples from
www.AutoCADDetails.net

STEEL STRONG-WALL HEIGHT ADJUSTMENTS

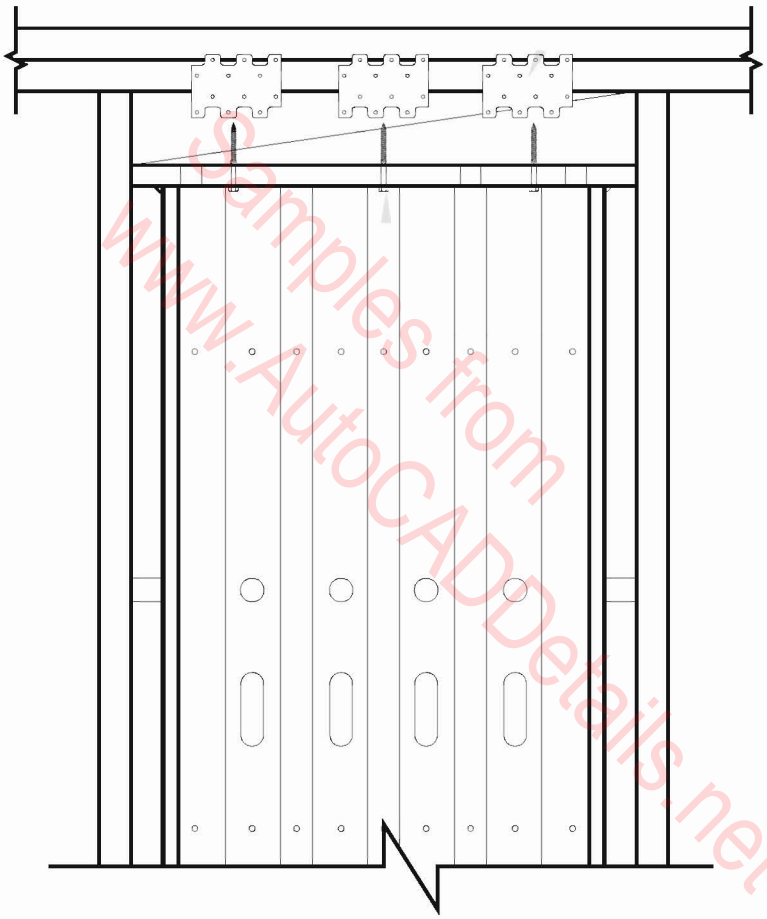
2x FLAT SHIM BLOCK



4" THK SLAB ON GRADE W/#4 @ 16" O.C. ON 6 MIL V.B. OVER 2" CLEAN SAND.

Samples from www.AutoCADDetails.net

4' RETAINING WALL DET.



LTP4 SPACING
BY OTHERS

4x SHIM BLOCK

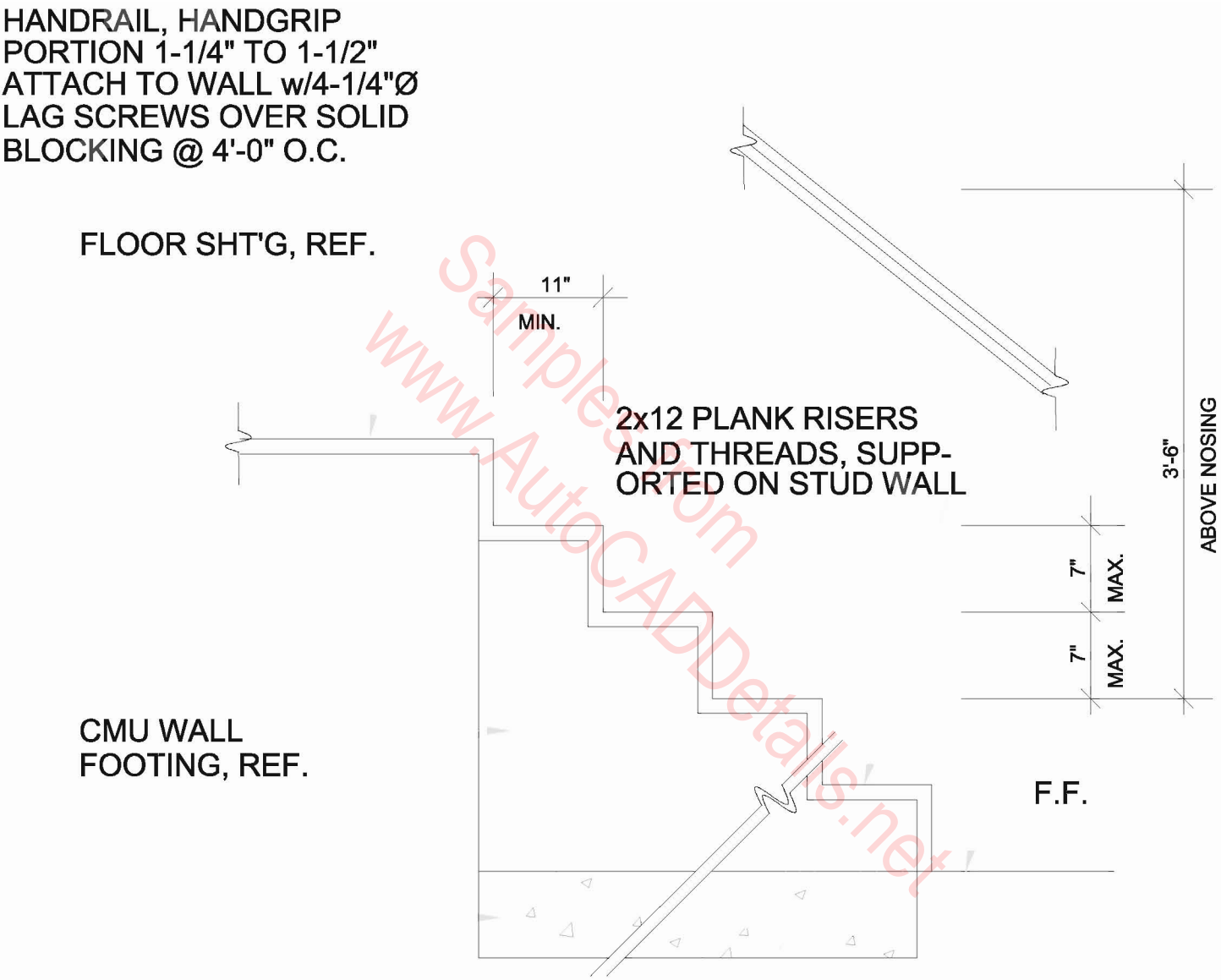
ATTACH SDS SCREWS
TO SHIM BLOCK

ADJACENT FRAMING
BY OTHERS

Samples from
www.AutoCADDetails.net

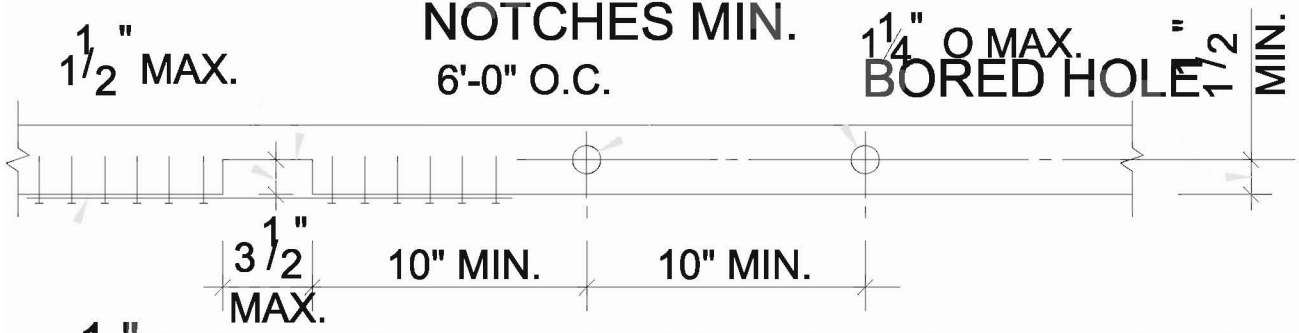
STEEL STRONG-WALL HEIGHT ADJUSTMENTS

4x SHIM BLOCK



A MINIMUM HEADROOM OF 6'-8" MUST BE PROVIDED.

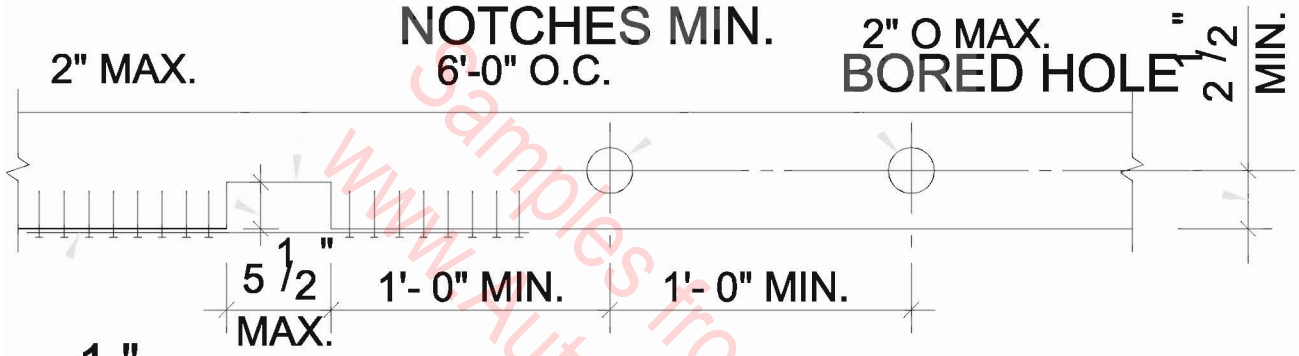
Samples.com
www.AutoCADDetails.net



1 1/4" X 16 GA. STRAP W/6-10d COMMON NAILS EA. END @ EA. PLATE (STRAP NOT REQ'D FOR SILL PLATE)

2X4 DBL TOP PLATE

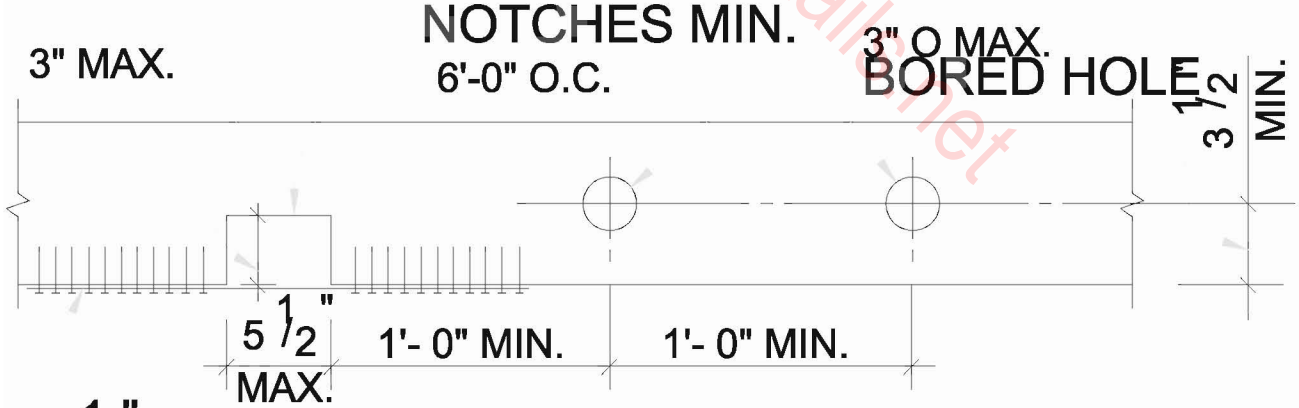
2X4 OR 3X4 SILL PLATE SIM.



1 1/4" X 16 GA. STRAP W/8-10d COMMON NAILS EA. END @ EA. PLATE (STRAP NOT REQ'D FOR SILL PLATE)

2X6 DBL TOP PLATE

2X6 OR 3X6 SILL PLATE SIM.



1 1/4" X 16 GA. STRAP W/11-10d COMMON NAILS EA. END @ EA. PLATE (STRAP NOT REQ'D FOR SILL PLATE)

2X8 DBL TOP PLATE

2X8 OR 3X8 SILL PLATE SIM.

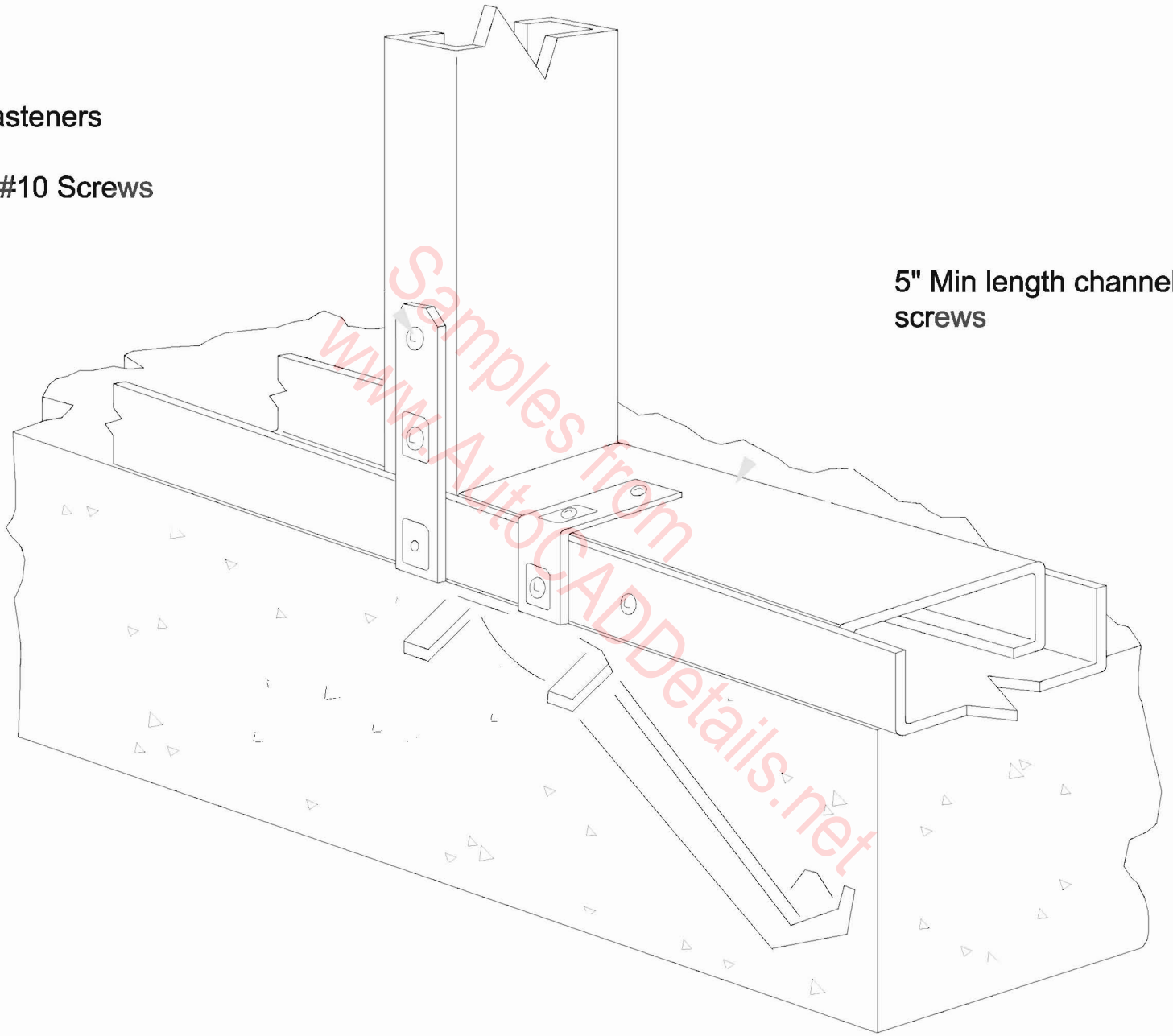
ALLOWABLE HOLES & NOTCHES

Samples from www.AutoCADDetails.net

Fasteners

4-#10 Screws

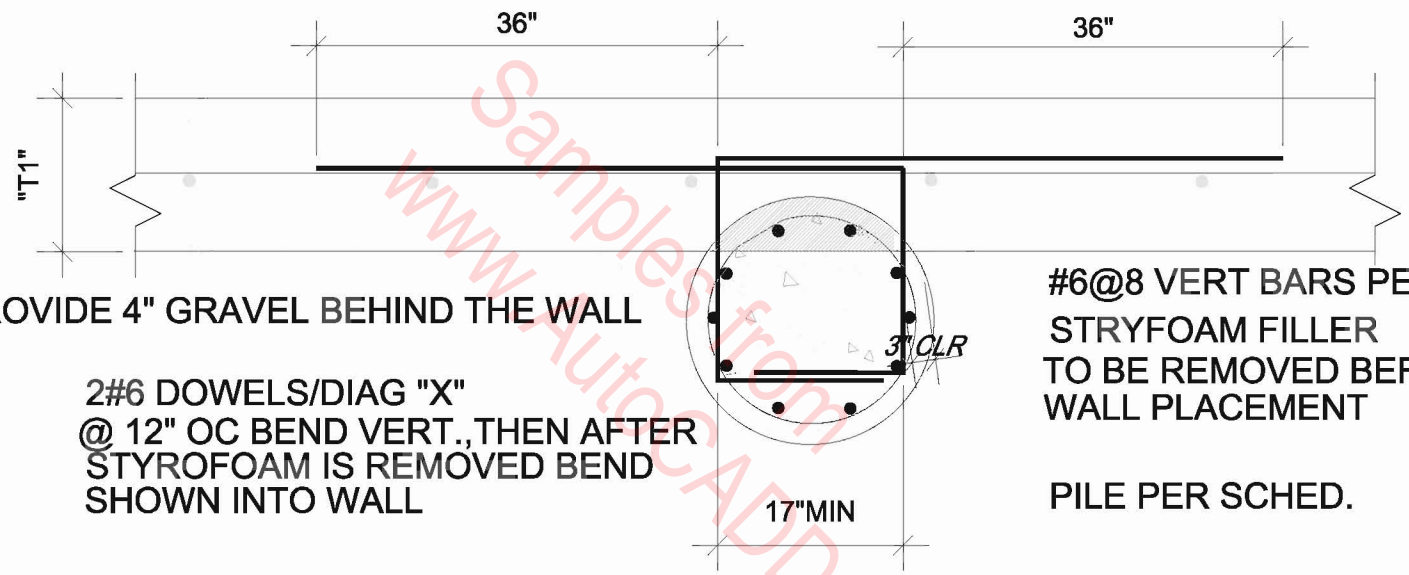
5" Min length channel w/2-#8 screws



Samples from www.AutoCADDetails.net

Alternate MAS Installation

CMU WALL,REF.



PROVIDE 4" GRAVEL BEHIND THE WALL

2#6 DOWELS/DIAG "X"
@ 12" OC BEND VERT.,THEN AFTER
STYROFOAM IS REMOVED BEND
SHOWN INTO WALL

#6@8 VERT BARS PER SCHED.

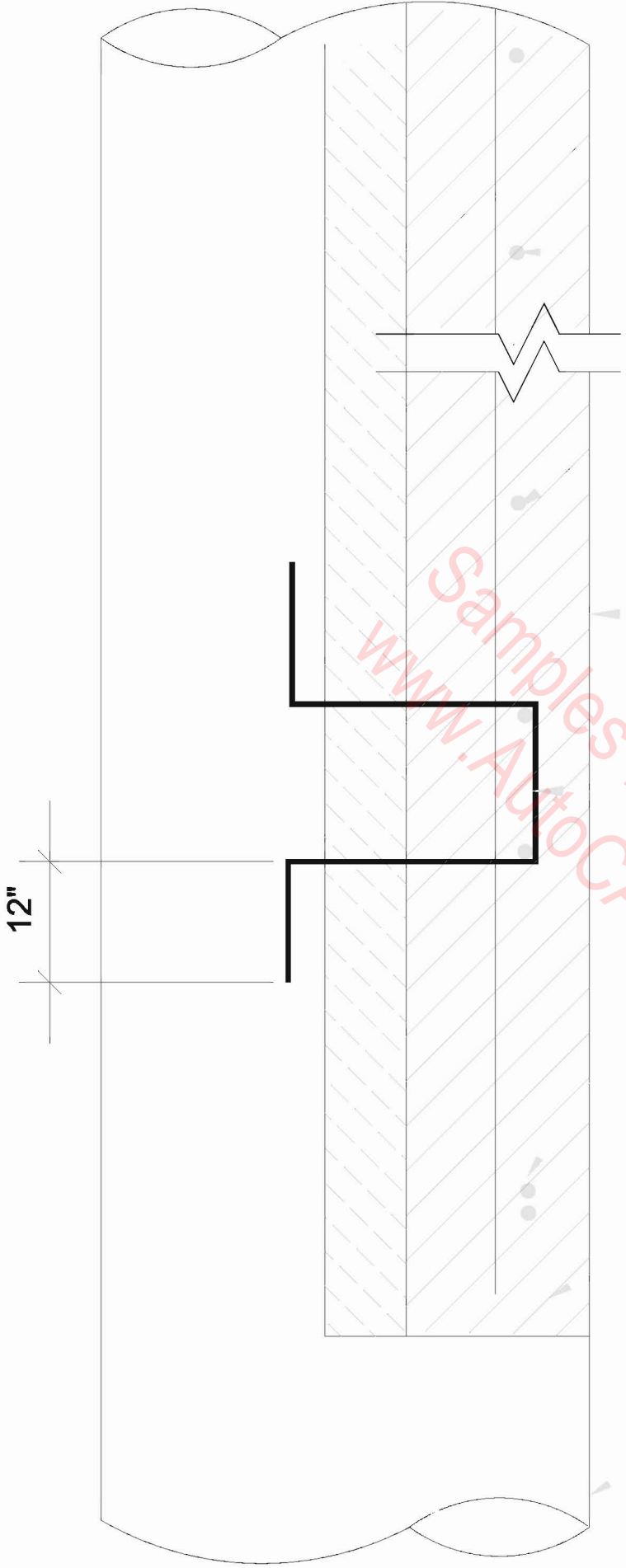
STRYFOAM FILLER
TO BE REMOVED BEFORE
WALL PLACEMENT

PILE PER SCHED.

SECTION

ALTERNATE PILE-CMU WALL CONN.

Samples from www.AutoCADDetails.net



STRYFOAM FILLER
TO BE REMOVED

#7@8"O.C. HORIZ.

#7@8"O.C. HORIZ.

CMU RETAINING
WALL (f'm - 1500 PSI
SPECIAL INSP. REQ'D.
FULLY GROUTED

2#6 DOWELS/DIAG "X"

SHOWN INTO WALL

ADDN'L
2 #7 HORIZ.

CMU WALL,REF.

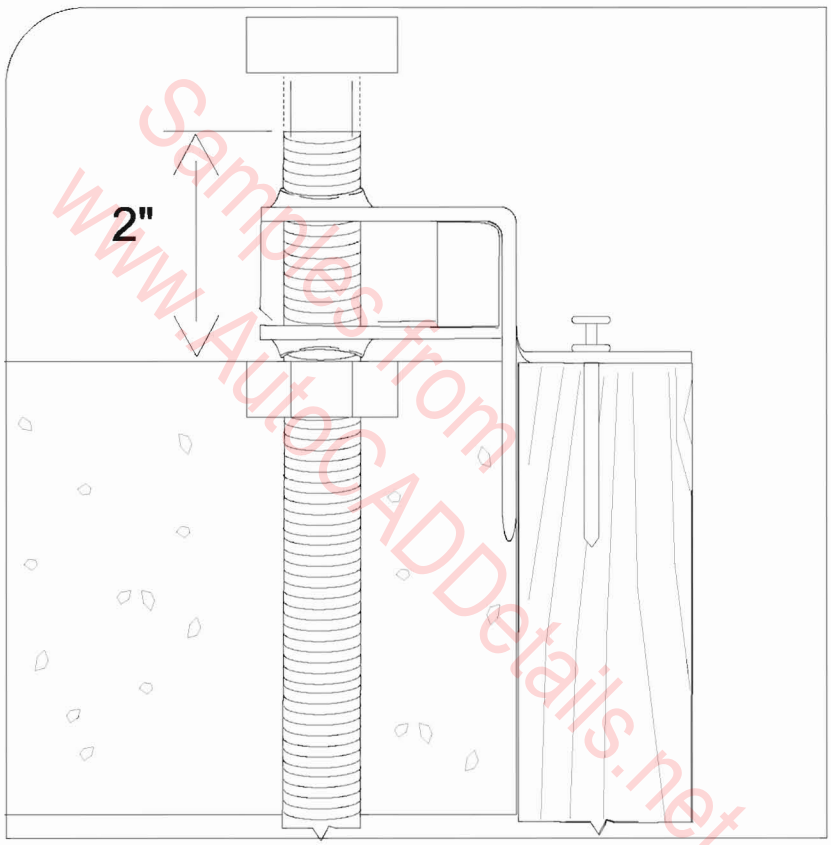
PILE PER SCHED.

ELEVATION

Samples from
www.AutoCADDetails.net

ALTERNATE PILE-CMU WALL CONN.

SSWT15-24

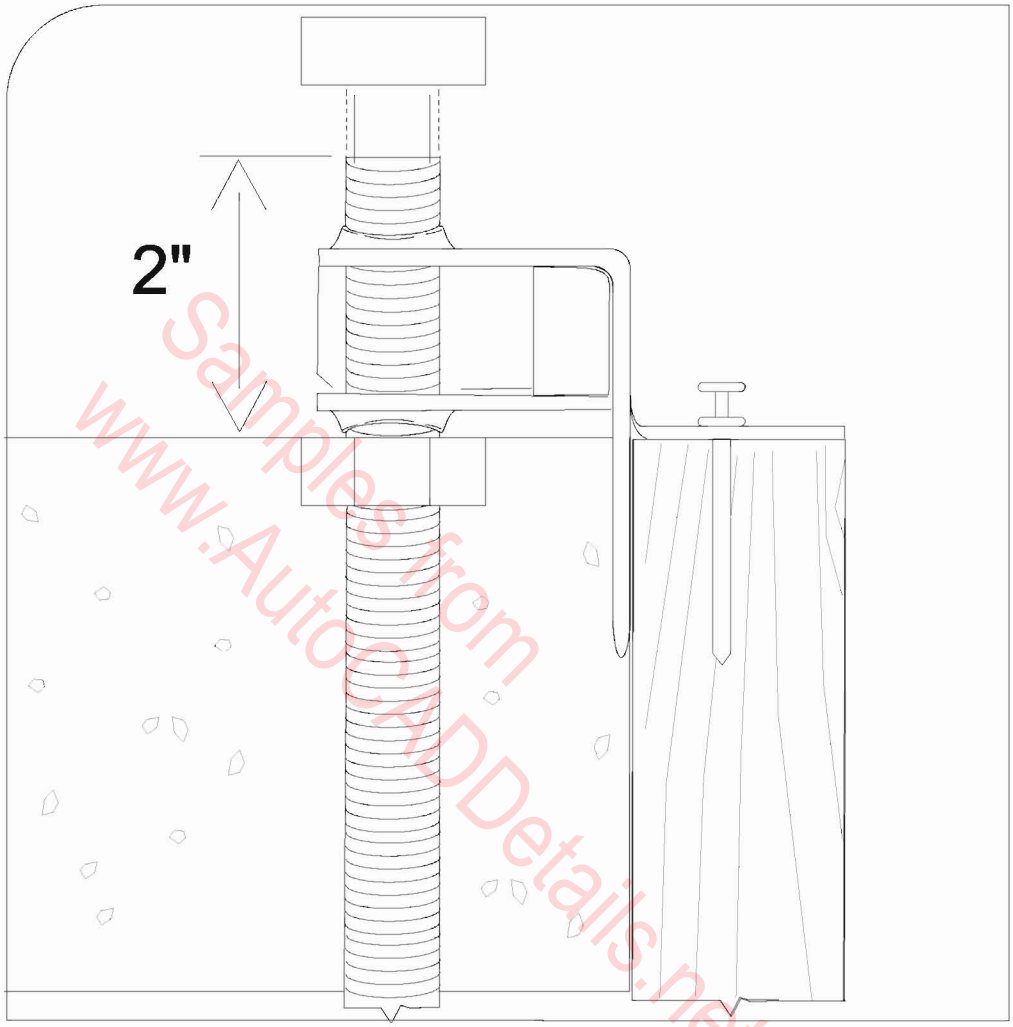


SSWT15
SSWT18
SSWT21
SSWT24

ANCHOR BOLT HEIGHT

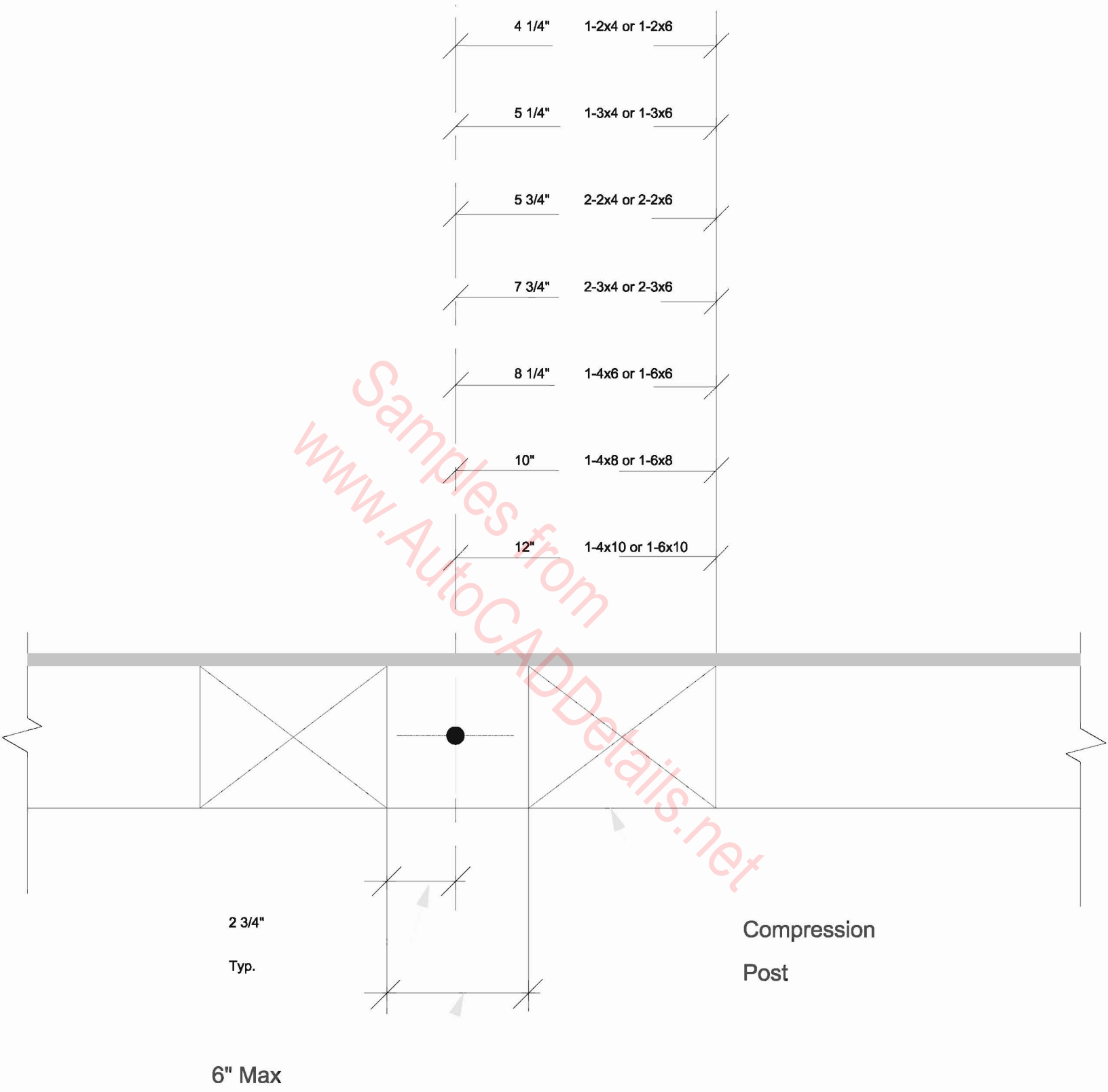
Samples from
www.AutoCADDetails.net

SSWT12



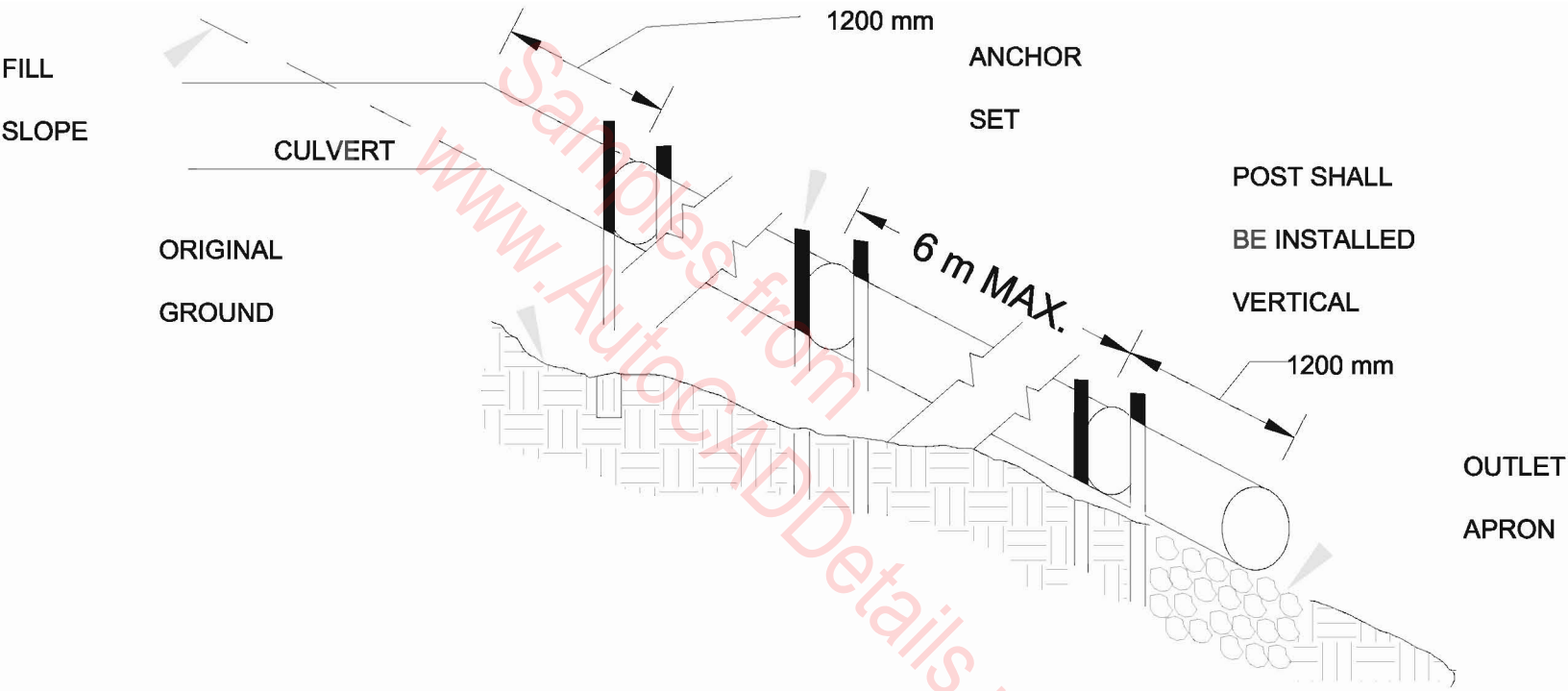
Samples from
www.AutoCADDetails.net

ANCHOR BOLT HEIGHT



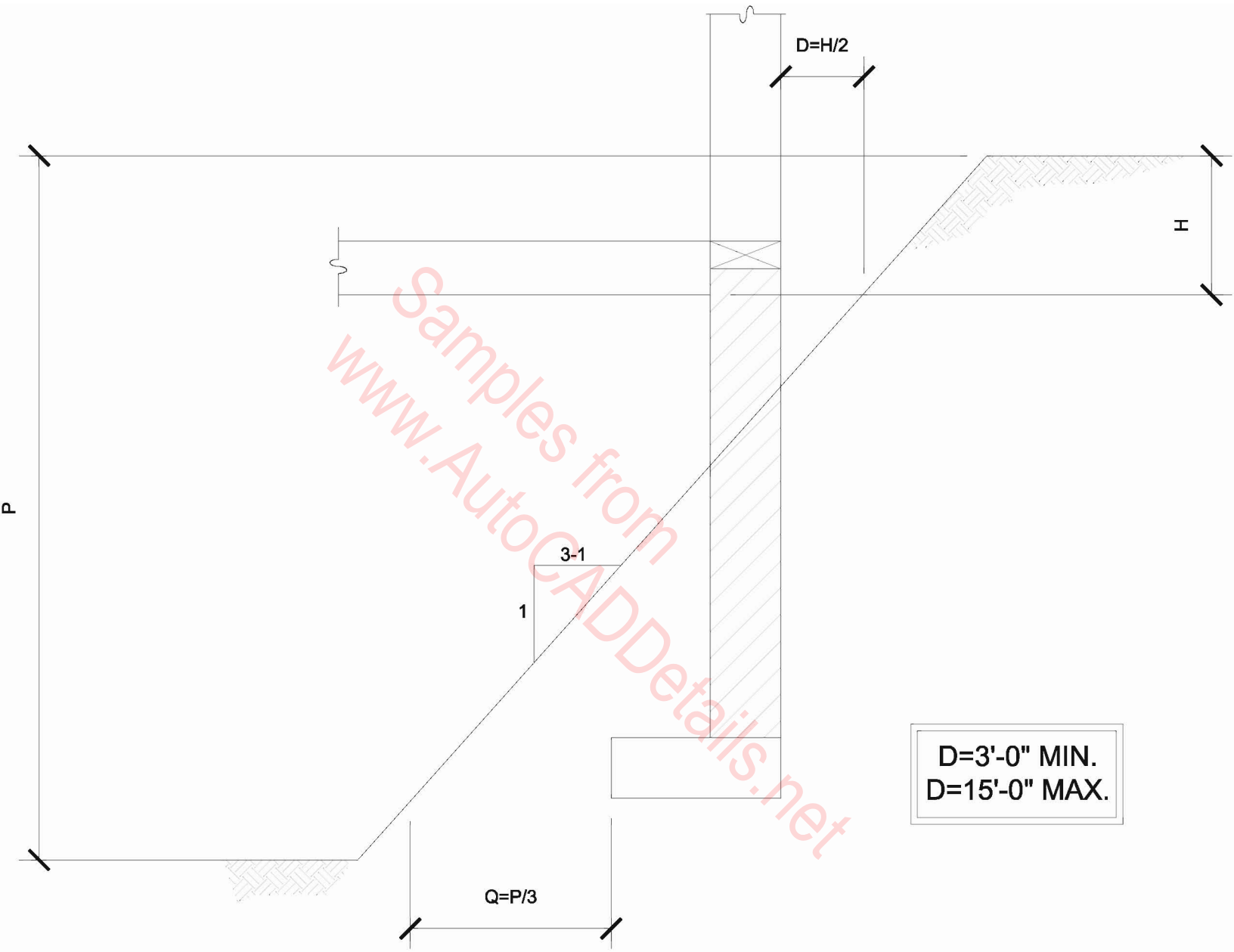
Samples from
www.AutoCADDetails.net

ANCHOR BOLT Mid-Wall Location



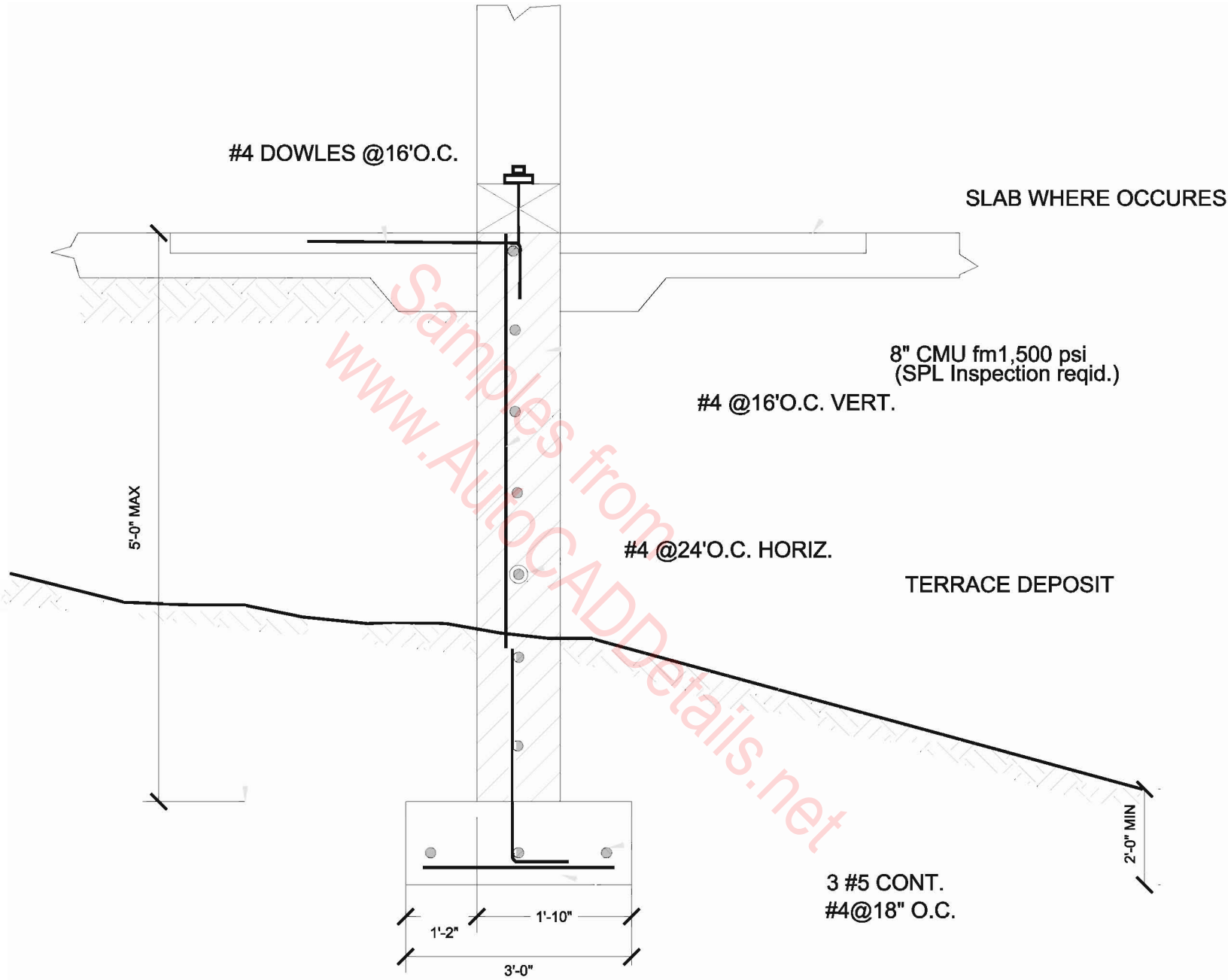
Samples from www.AutoCADDetails.net

ANCHOR DETAILS



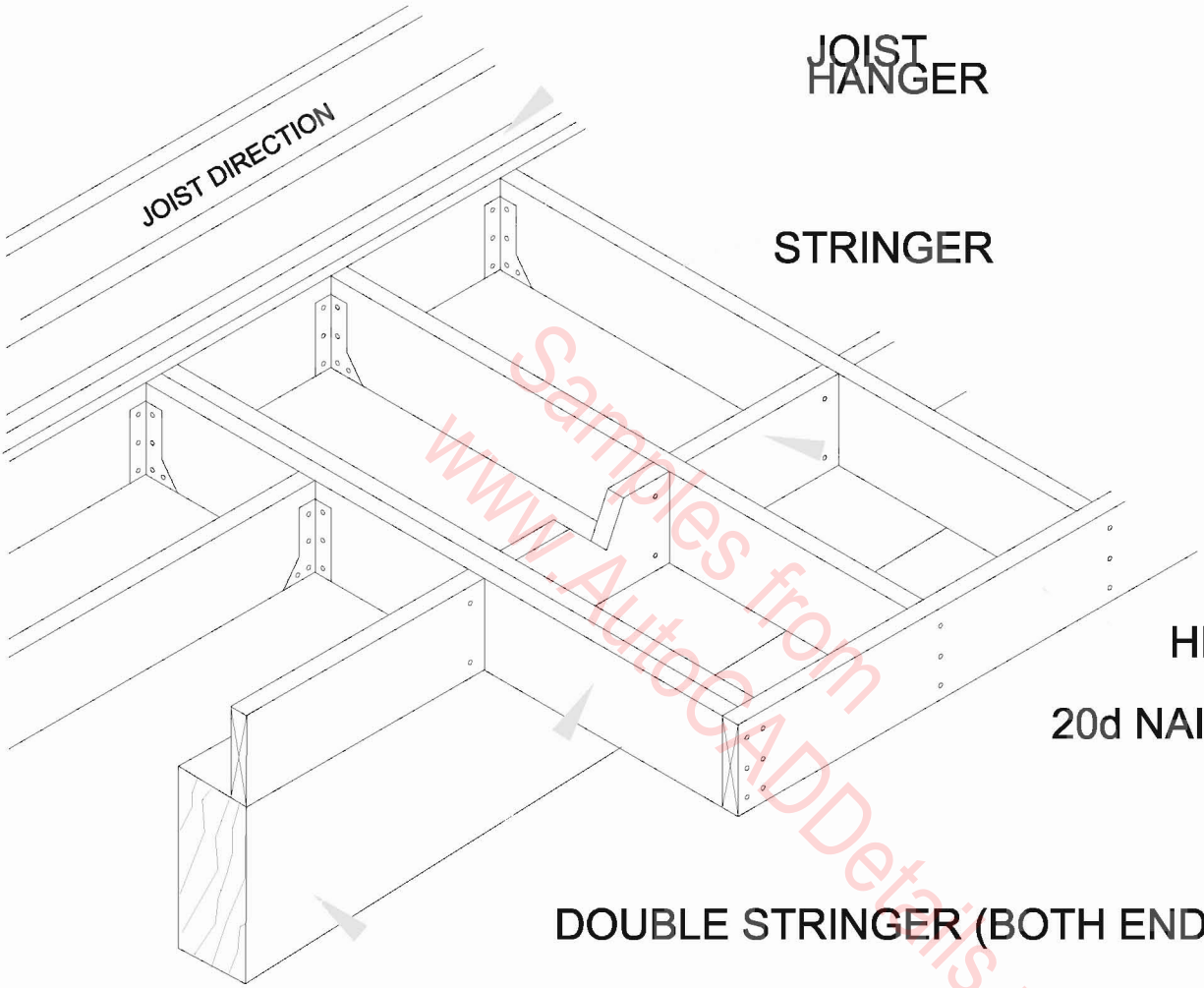
Samples from
www.AutoCADDetails.net

ASCENDING SLOPE



Samples from www.AutoCADDetails.net

AT GUARD HOUSE



Samples from www.AutoCADDetails.net

BALCONY DETAIL

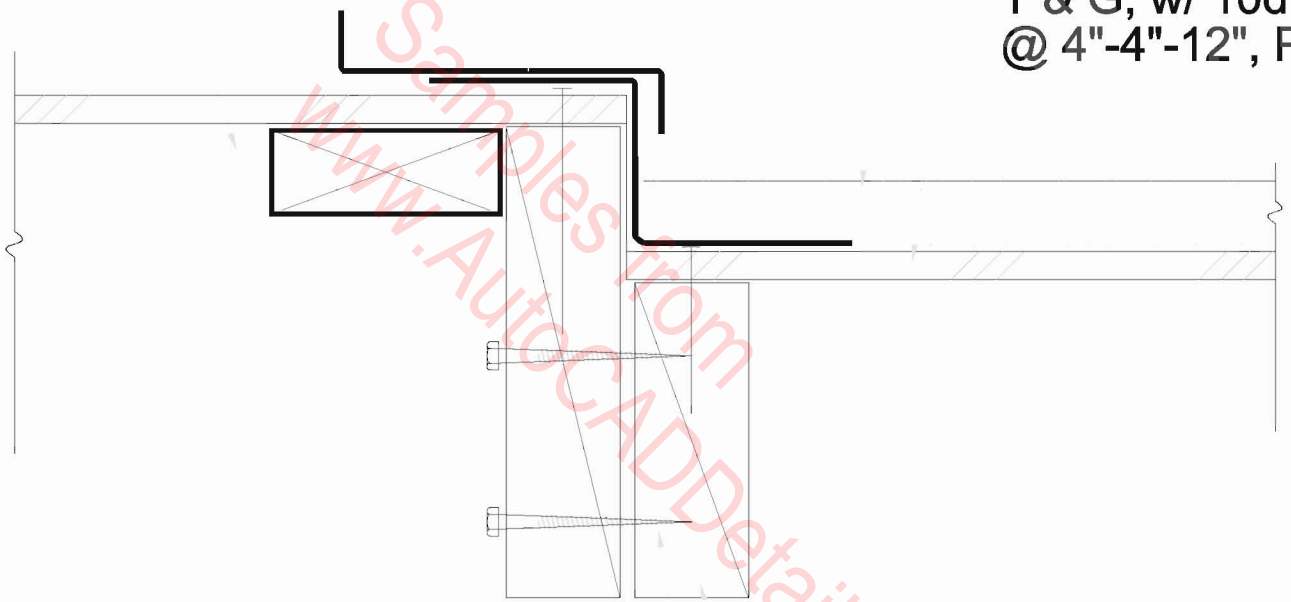
DOOR PAN

GAL. FLASHING

FLOOR
FRAMING
REF.

DEX-O-TEX
LARR #2360

1 1/8" CDX PLYWOOD
T & G, w/ 10d NAILS
@ 4"-4"-12", PI <24



Samples from
www.AutoCADDetails.net

4x FULL DEPTH BLK'G
w/ B.N, TYP.

1/4"Øx4" LAG SCREWS
@ 12" O.C., STAGG'D

BALCONY THRESHOLD DETAIL

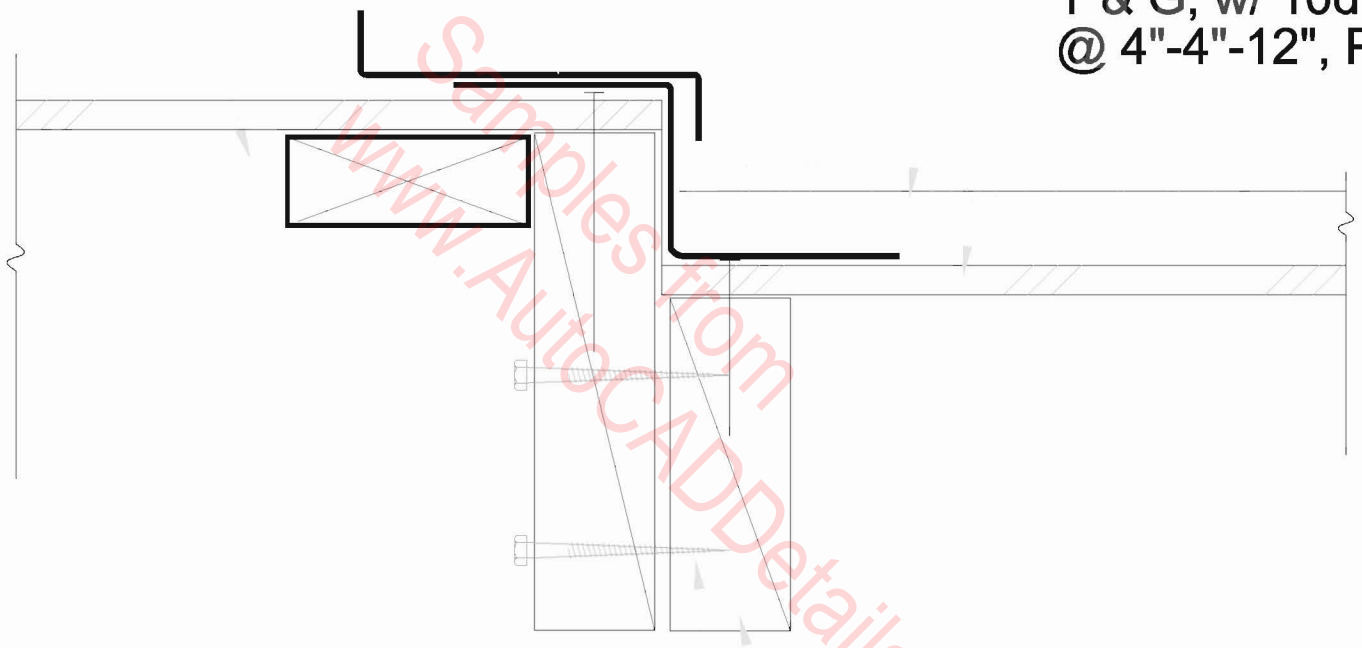
DOOR PAN

GAL. FLASHING

FLOOR
FRAMING
REF.

DEX-O-TEX
LARR #2360

3/4" CDX PLYWOOD
T & G, w/ 10d NAILS
@ 4"-4"-12", PI <24

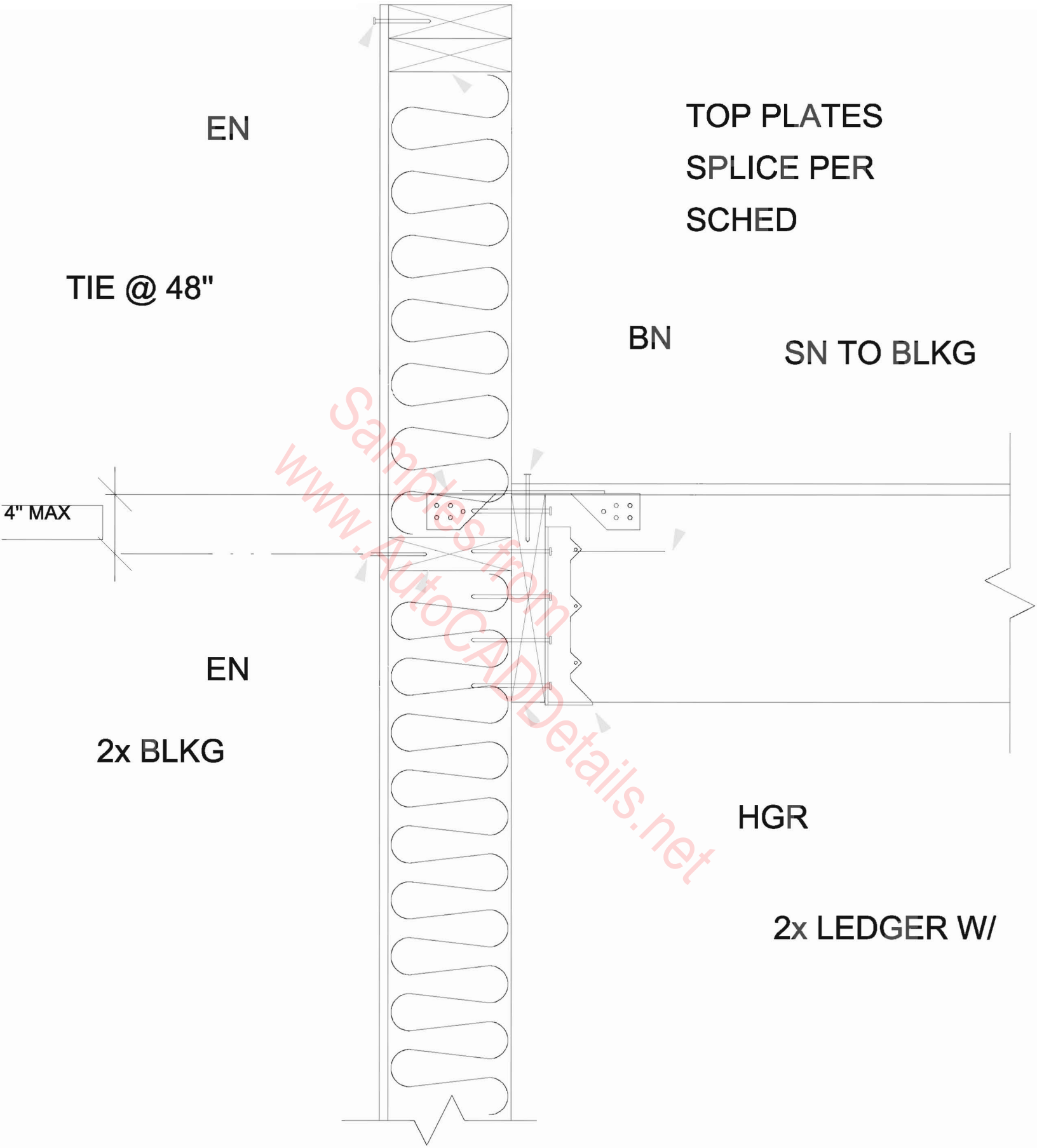


Samples from
www.AutoCADDetails.net

4x FULL DEPTH BLK'G
w/ B.N, TYP.

1/4"Øx4" LAG SCREWS
@ 12" O.C., STAGG'D

BALCONY THRESHOLD DETAIL



Samples from
www.AutoCADDetails.net

Ballooned Framed Shear Wall W/Ledger

MEMBER TYPE	BAR DEVELOPMENT LENGTH (Ld) SCHEDULE (INCHES)								
	BAR SIZE	Fc'=3000 Psi				Fc'=4000 Psi			
		CATAGORY 1		CATAGORY 2		CATAGORY 1		CATAGORY 2	
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
ALL MEMBERS U.N.O	#3	22	17	33	25	19	14	28	22
	#4	29	22	43	33	25	19	37	29
	#5	37	28	55	42	31	24	47	36
	#6	43	33	65	50	38	29	56	43
	#7	63	48	94	72	54	42	81	62
	#8	72	55	107	82	62	47	93	71
	#9	81	62	121	93	69	53	104	80
	#10	90	69	134	103	77	59	116	89
	#11	99	76	147	113	84	65	127	98

NOTES:

1. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" CONCRETE CAST IN THE MEMBER BELOW THE REINFORCEMENT.

2. THESE BAR DEVELOPMENT LENGTHS APPLY TO REGULAR WEIGHT CONCRETE, MULTIPLY THE SPECIFIED DEVOLPMENT LENGTH BY 1.3 FOR LIGHTWEIGHT CONCRETE.

3. ALL DETAILING OF REINFORCEMENT SHALL COMPLY WITH THIS SCHEDULE UNLESS SPECIFICALLY DETAILED OTHERWISE OF THE DRAWINGS.

4. db INDICATES DIAMETER OF THE BAR.

5. LENGTHS SHOWN UNDER CATAGORY 1 SHALL BE USED WHERE ANY ONE OF THE FOLLOWING CONDITIONS IS SATISFIED.

   A. CLEAR SPACING >= db
      CLEAR COVER >= db
      CODE MINIMUM STIRRUPS OR TIES

      OR

   B. CLEAR SPACING >=2db
      CLEAR COVER >= db

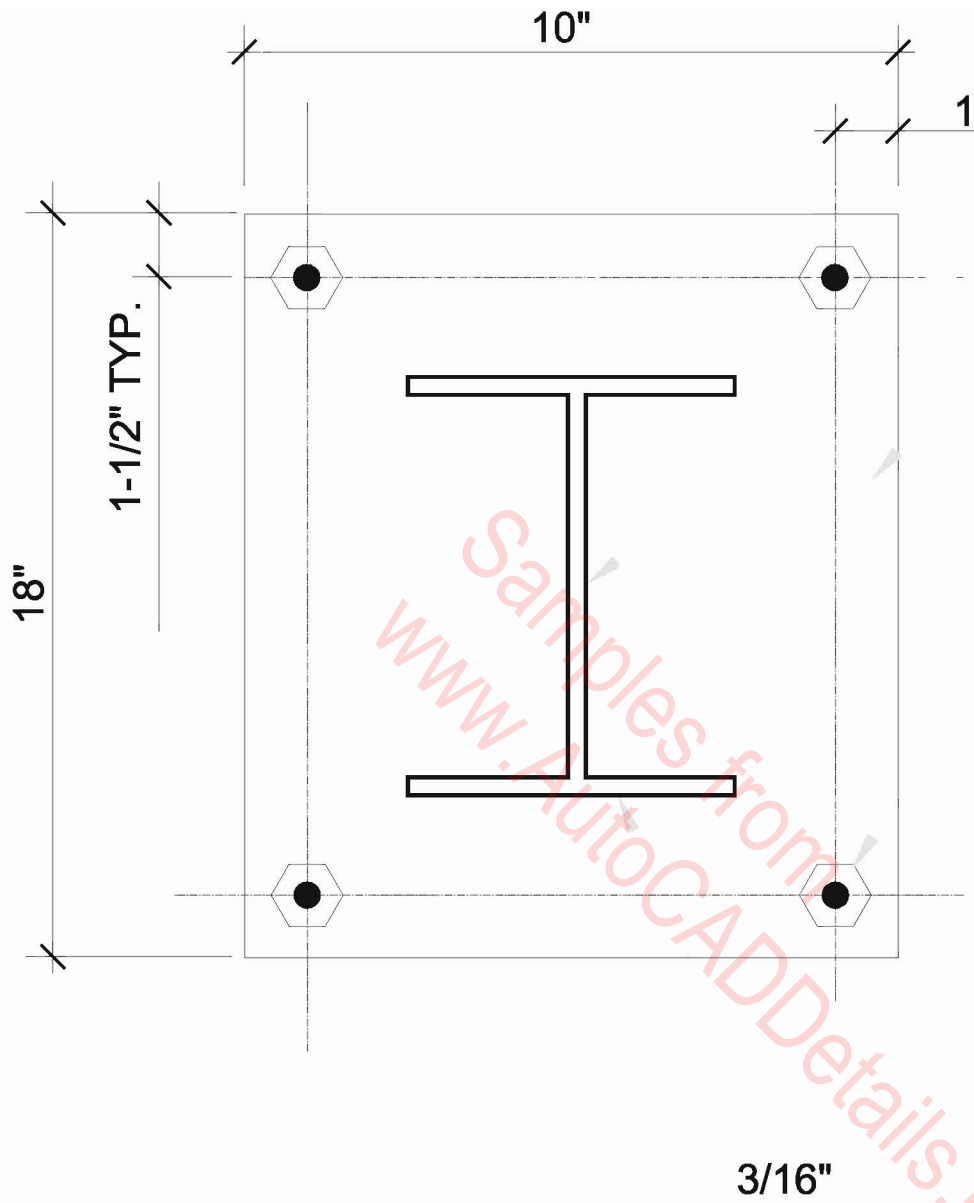
6. LENGTH SHOWN UNDER CATAGORY 2 SHALL BE USED WHERE CATAGORY 1 ARE NOT SATISFIED.

7. A STANDARD HOOK BE PROVIDED WHERE Ld IS UNATTAINABLE DUE TO SPACE RESTRICTIONS (REFER TO SCHEDULE FOR Ldh).

8. FOR HOOKED BAR DEVELOPMENT LENGTH, SEE 9/S106.

BAR DEVELOPMENT LENGTH

Samples from AutoCADDetails.net
www.AutoCADDetails.net

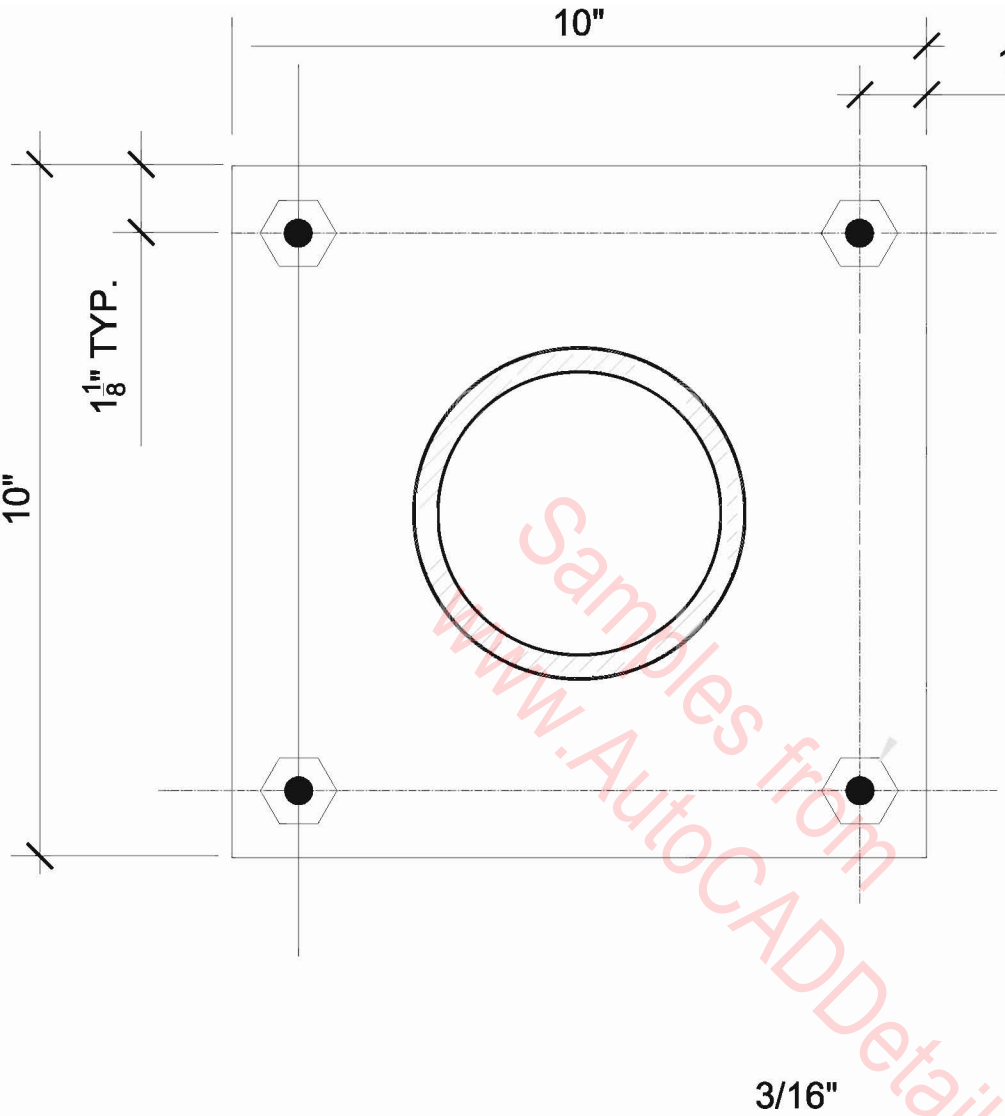


STEEL "W", REF.
5/8" THICK STEEL PL.

3/4" Ø 'J' BOLT (TYP.)
9" MIN. EMB.

Samples from
www.AutoCADDetails.net

BASE PLATE DETAIL (WF)

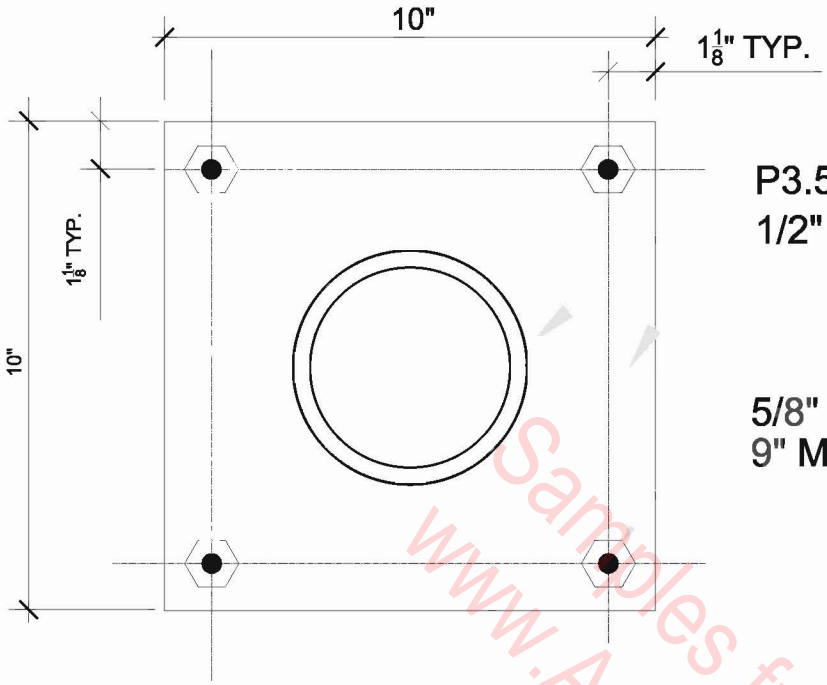


P6"Ø STD.PIPE POST
3/4" THICK STEEL PL.

3/4" Ø 'J' BOLT (TYP.)
9" MIN. EMB.

Samples from
www.AutoCADDetails.net

BASE PLATE



P3.5STD
1/2" THICK STEEL PL.

5/8" Ø 'J' BOLT (TYP.)
9" MIN. EMB.

PIPE REF.

BASE PLATE

HIDE COL. IN WALL

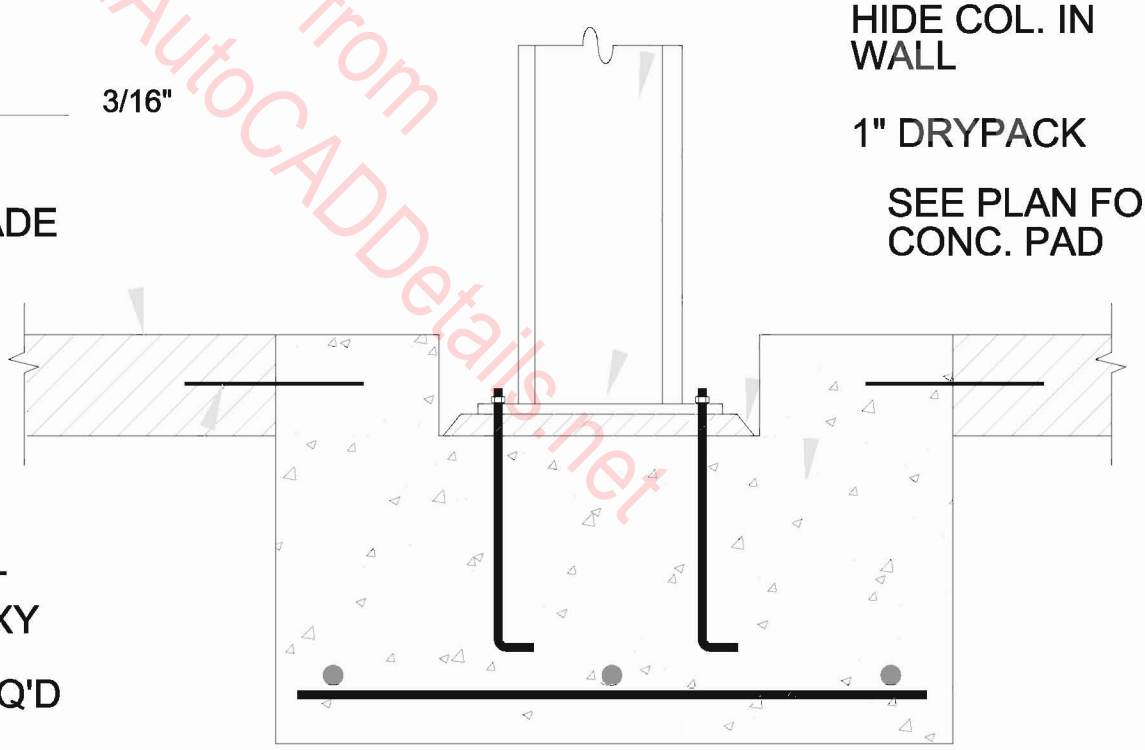
1" DRYPACK

SEE PLAN FOR CONC. PAD

BASE PLATE

3/16"

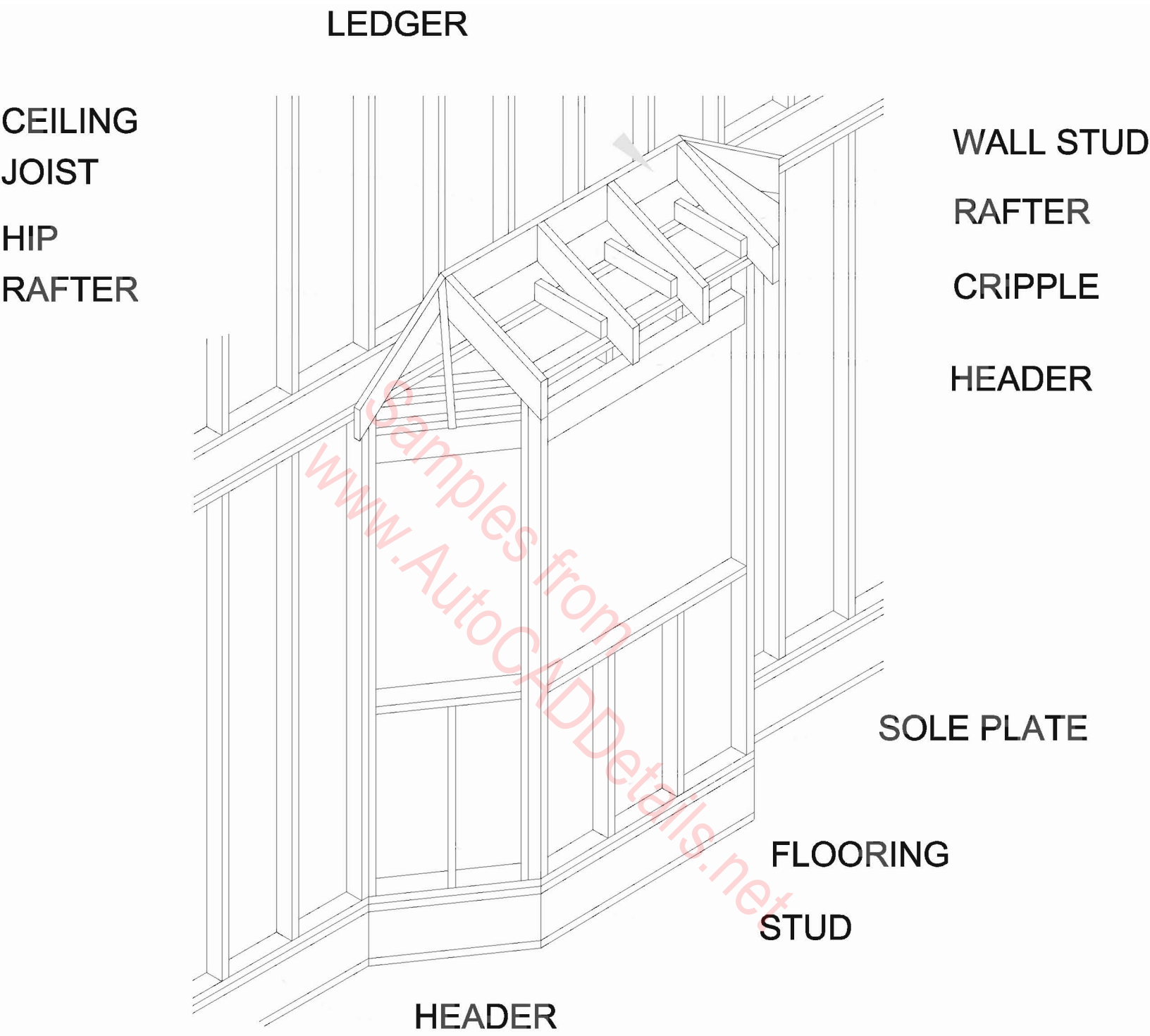
EXISTING SLAB-ON-GRADE



#4 REBAR DOWEL SET IN SIMPSON SET EPOXY @ 16" O.C., ICBO NO. ER-5729, SP. INSP. REQ'D (TYP.)

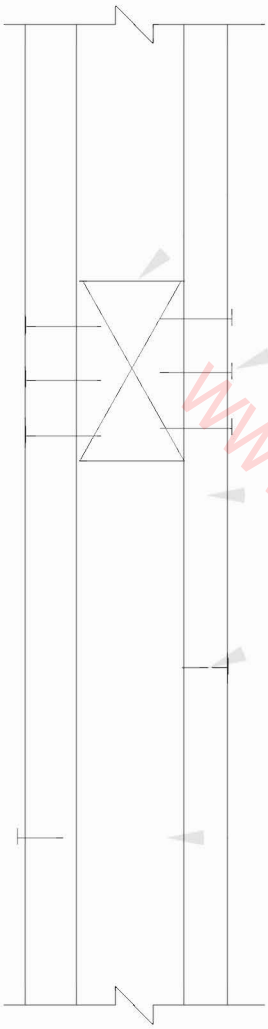
Samples from www.AutoCADDetails.net

BASE PLATE/FOOTING DETAIL



Samples from
www.AutoCADDetails.net

BAY WINDOW DETAIL



BEAM

3-16d EA. SIDE
TO BEAM END

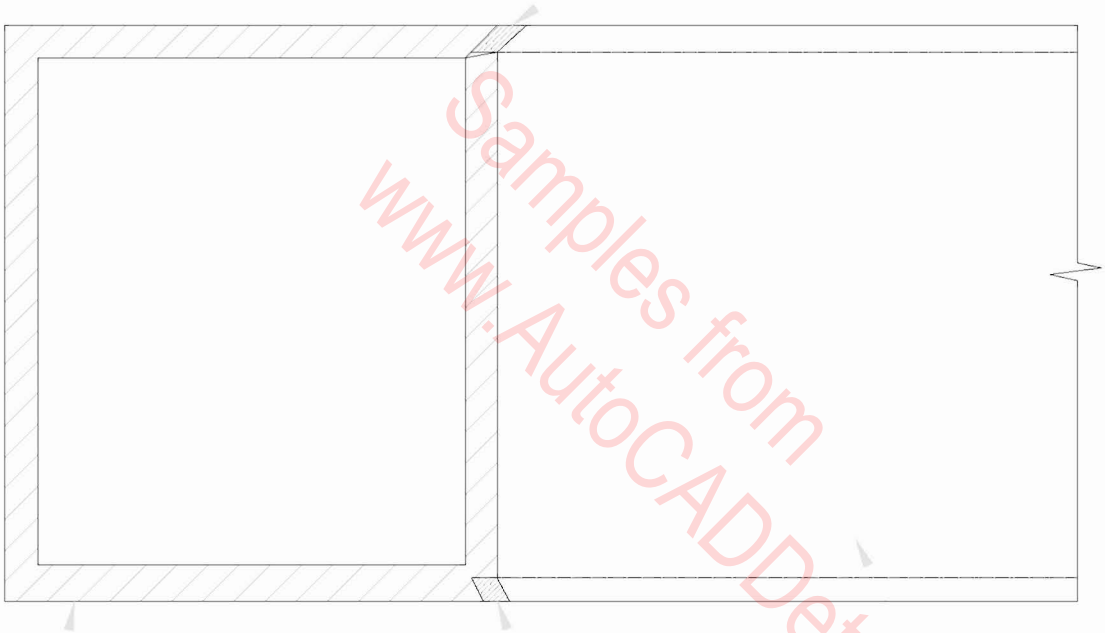
FULL HEIGHT
STUDS EA. SIDE
16d @ 18" O.C. STAGG.
EACH SIDE TO CRIPPLES BTWN.

SOLID PIECE OR 2x CRIPPLE
FULL WIDTH OF BM. U.N.O.

Samples from www.AutoCADDetails.net

BEAM CONNECTION AT WALL (BCW)

FP



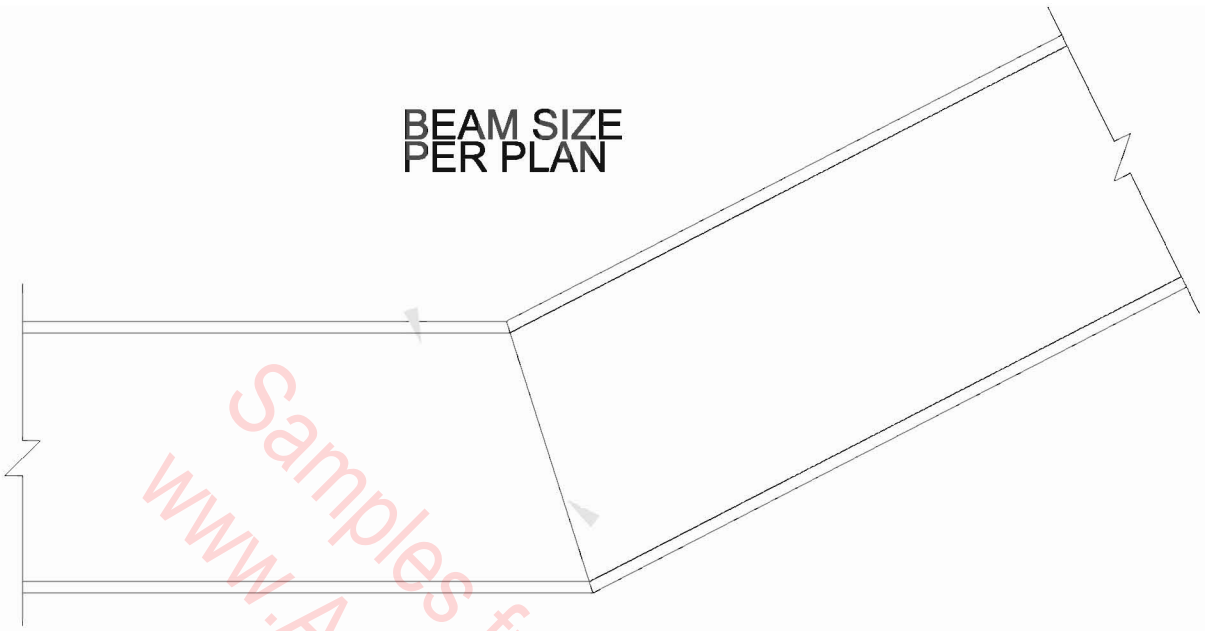
TS STEEL BEAM REF.

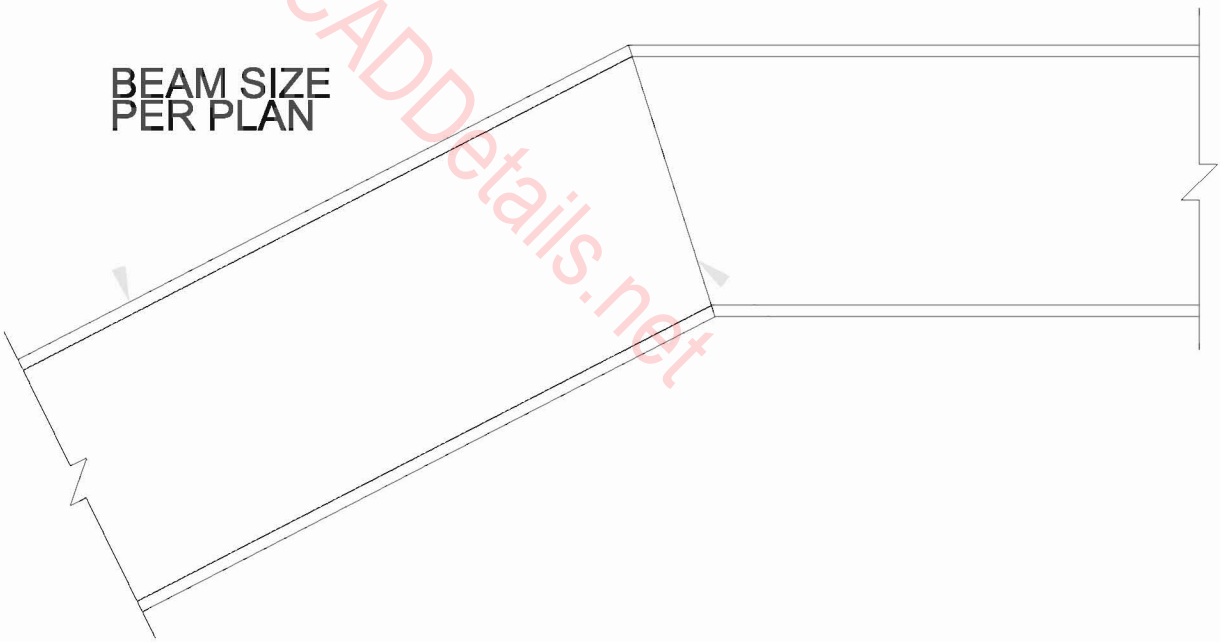
FP

TS BEAM REF.

BEAM CONNECTIONS

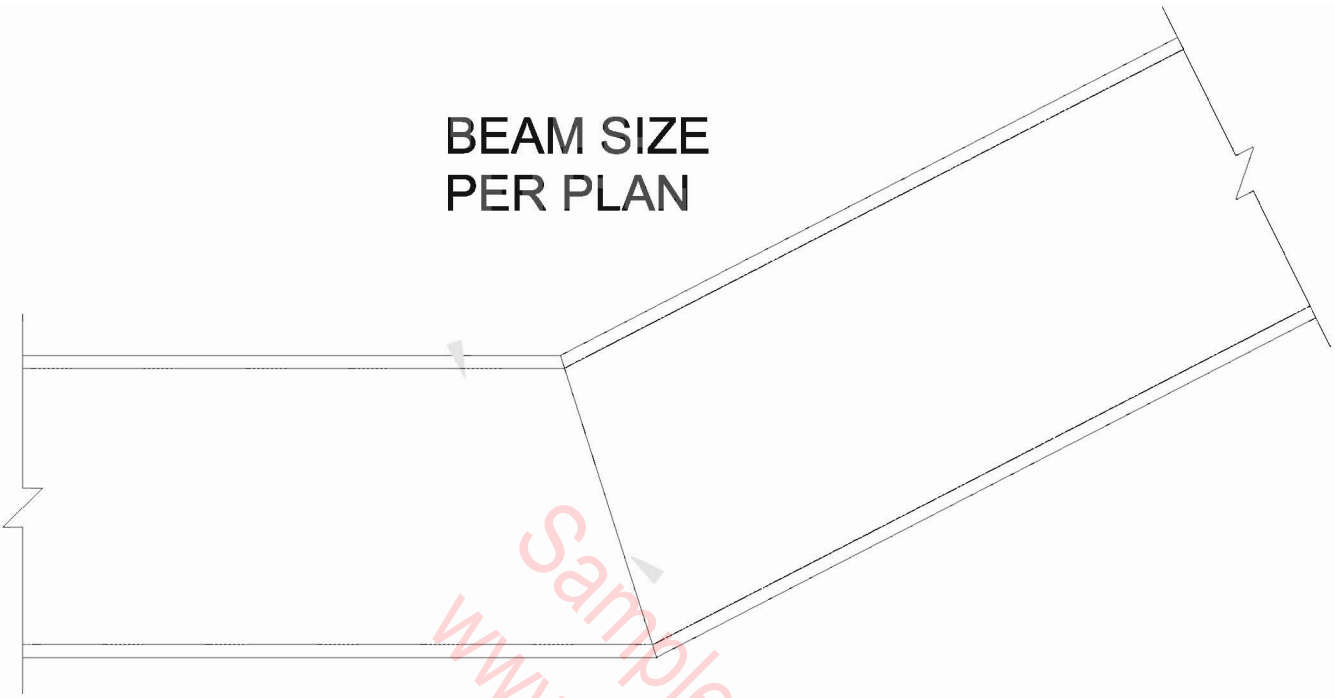
Samples from www.AutoCADDetails.net

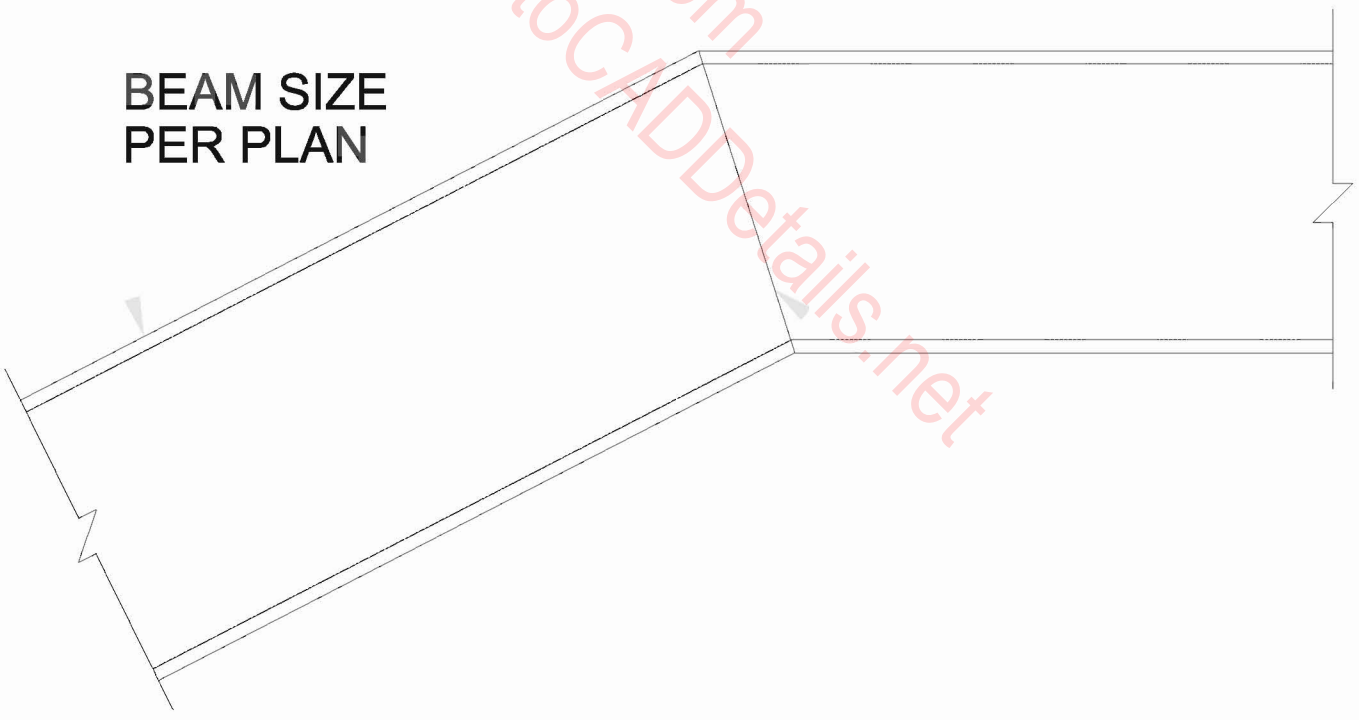




Samples from
www.AutoCADDetails.net

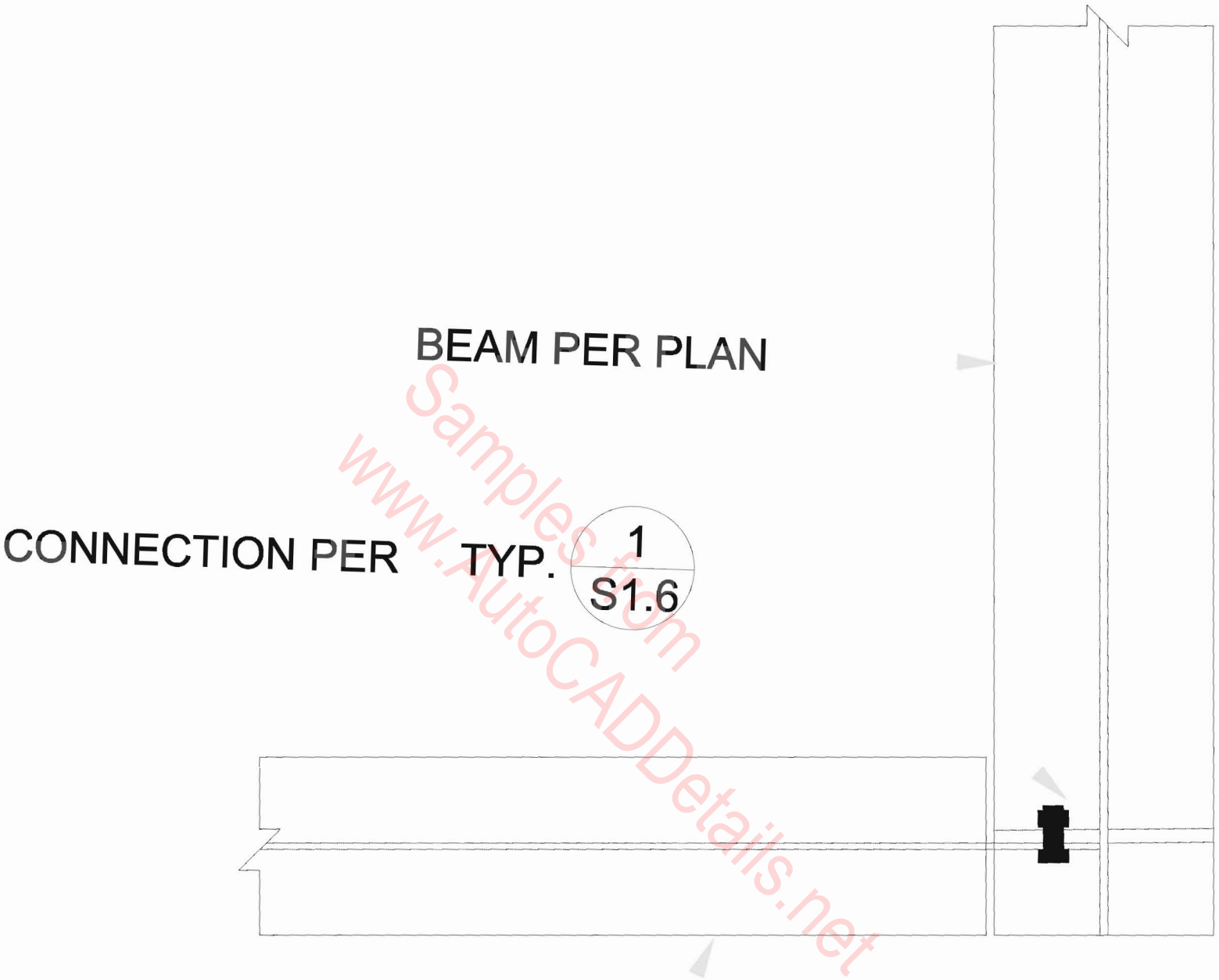
BEAM TO BEAM CONNECTION





Samples from
www.AutoCADDetails.net

BEAM TO BEAM CONNECTION

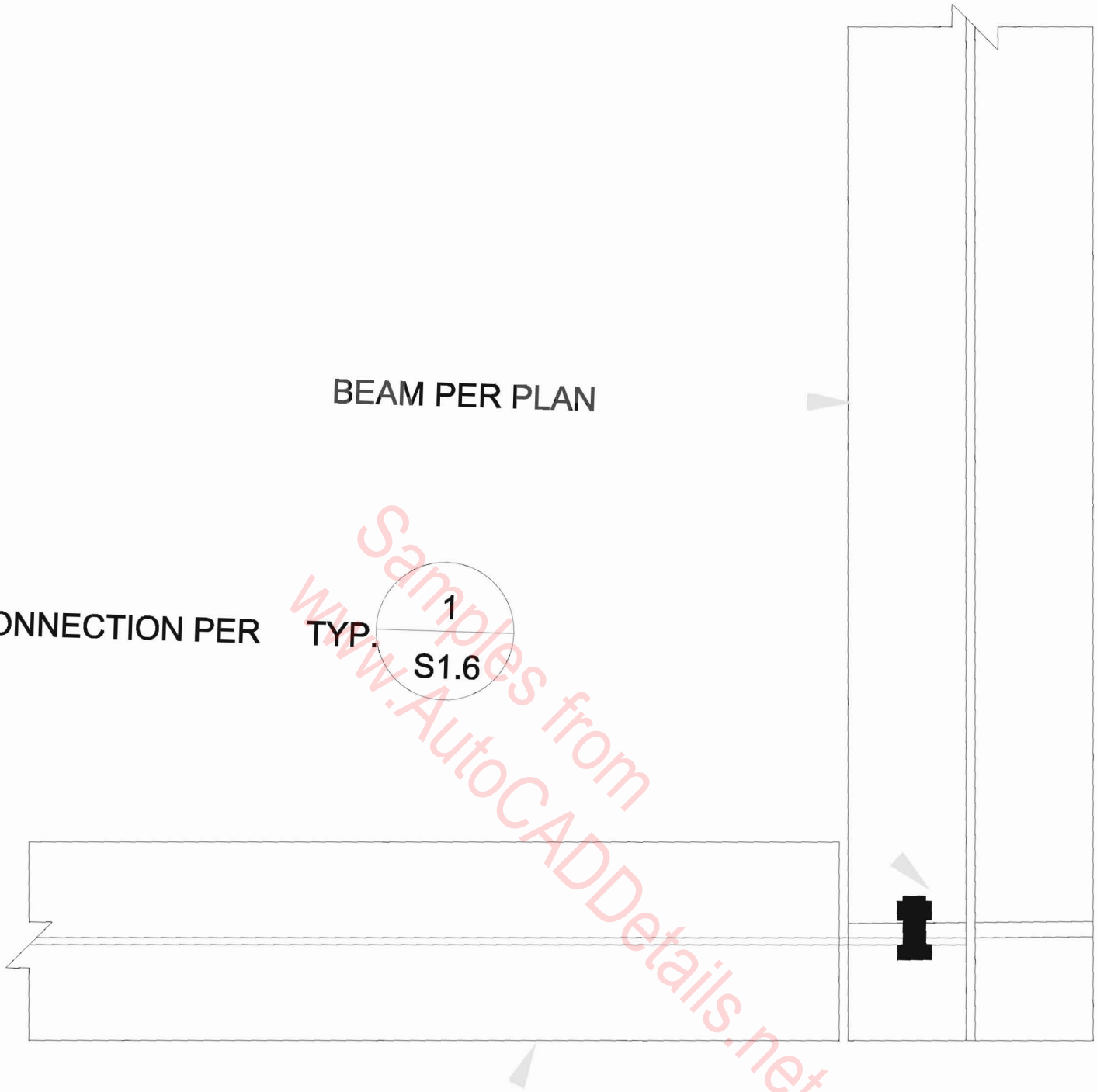


Samples from www.AutoCADDetails.net

BEAM PER PLAN

PLAN VIEW

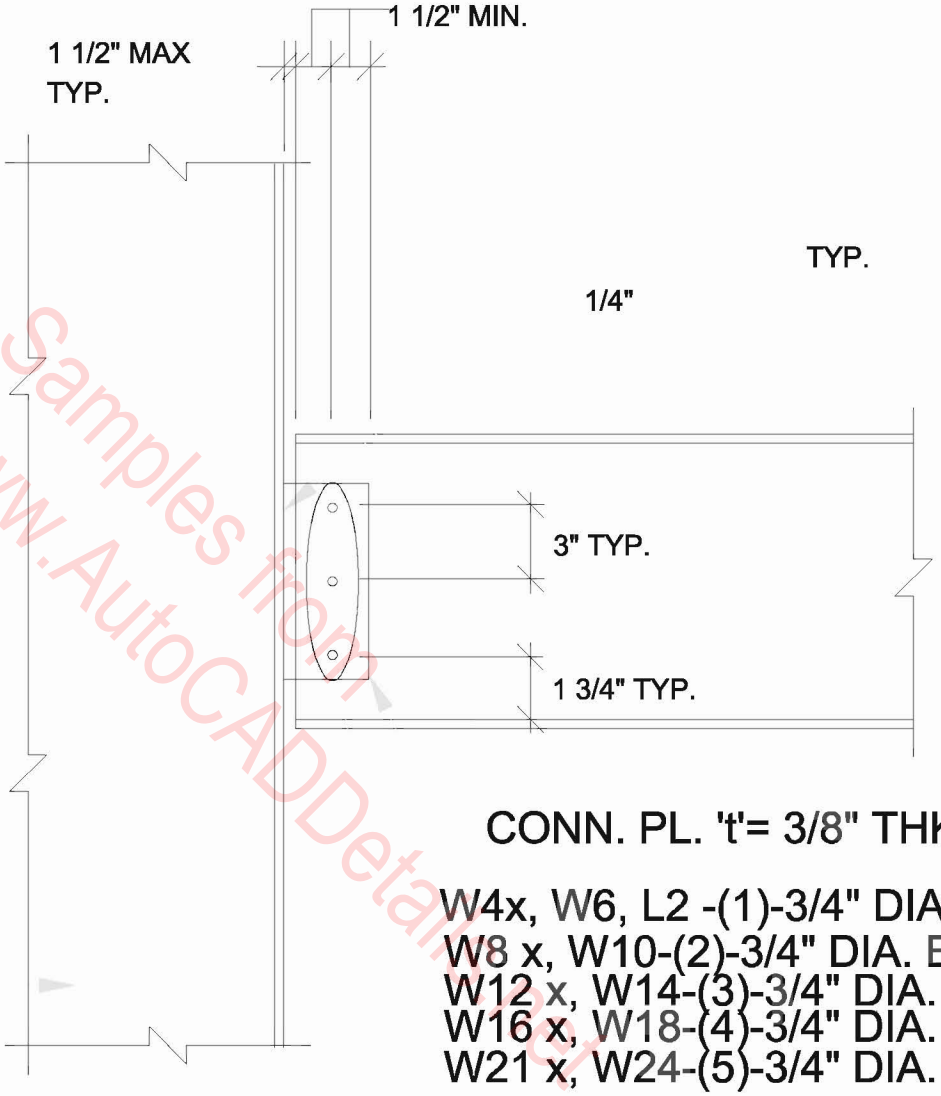
BEAM TO BEAM CONNECTION



Samples from
www.AutoCADDetails.net

PLAN VIEW

BEAM TO BEAM CONNECTION



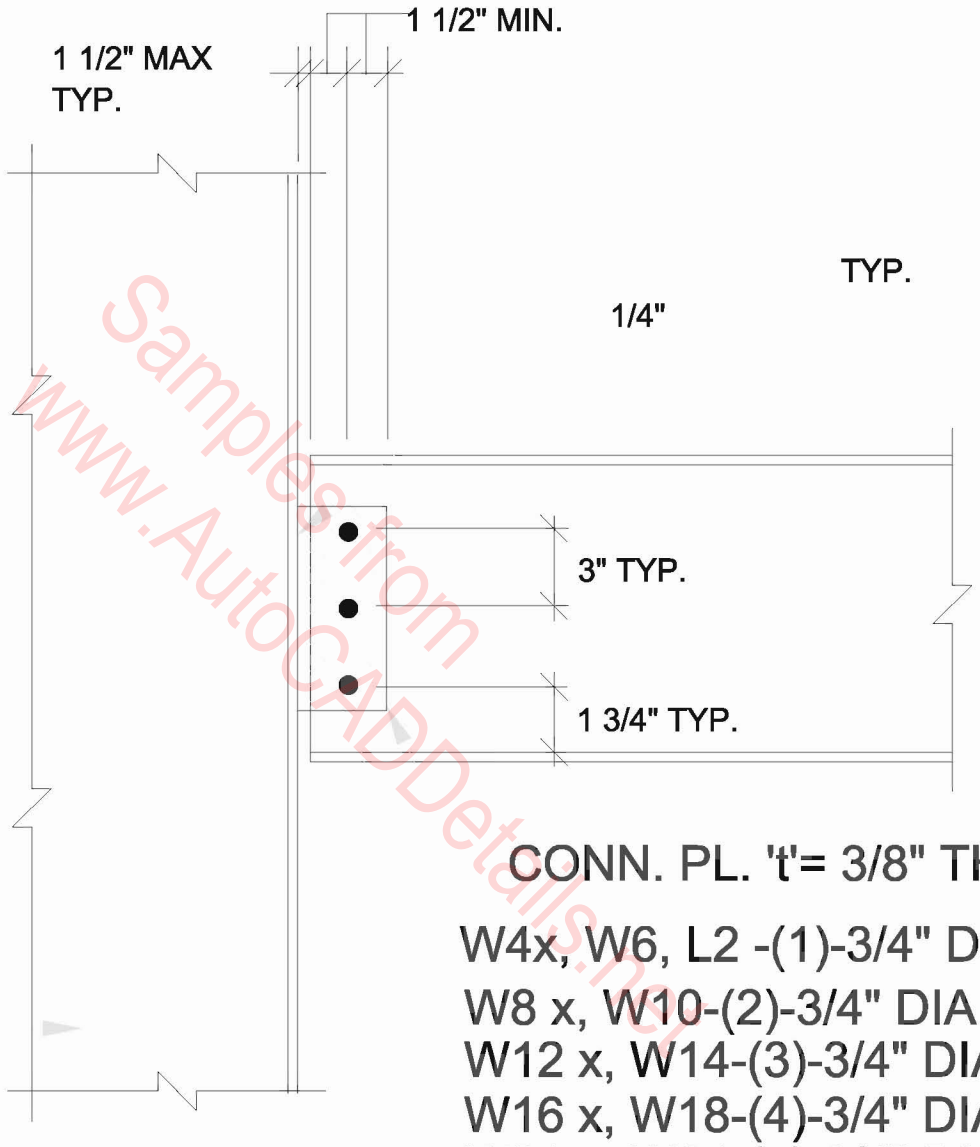
CONN. PL. 't'= 3/8" THK. MIN.

W4x, W6, L2 -(1)-3/4" DIA. BOLTS
W8 x, W10-(2)-3/4" DIA. BOLTS
W12 x, W14-(3)-3/4" DIA. BOLTS
W16 x, W18-(4)-3/4" DIA. BOLTS
W21 x, W24-(5)-3/4" DIA. BOLTS

COL. PER PLAN

Samples from www.AutoCADDetails.net

BEAM TO COL. FLANGE (BCF)



Samples from
www.AutoCADDetails.net

CONN. PL. 't'= 3/8" THK. MIN.

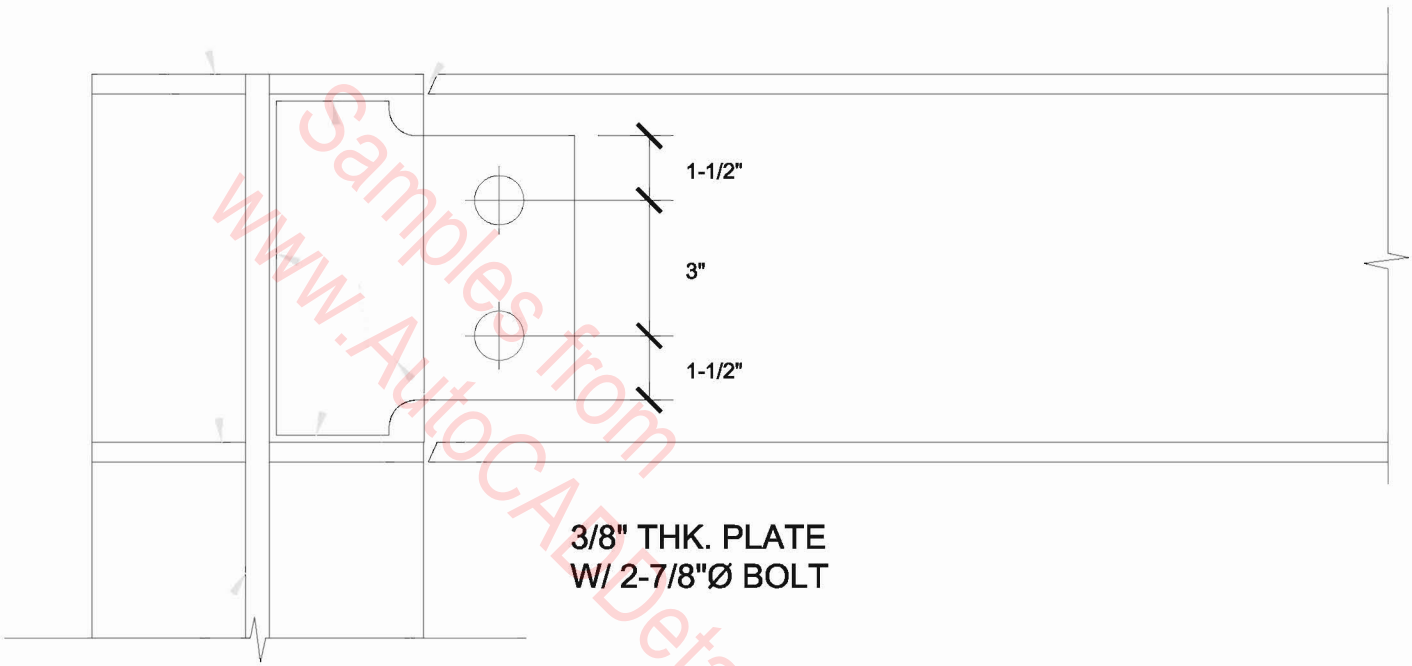
W4x, W6, L2 -(1)-3/4" DIA. BOLTS
W8 x, W10-(2)-3/4" DIA. BOLTS
W12 x, W14-(3)-3/4" DIA. BOLTS
W16 x, W18-(4)-3/4" DIA. BOLTS
W21 x, W24-(5)-3/4" DIA. BOLTS

COL. PER PLAN

BEAM TO COL. FLANGE (BCF)

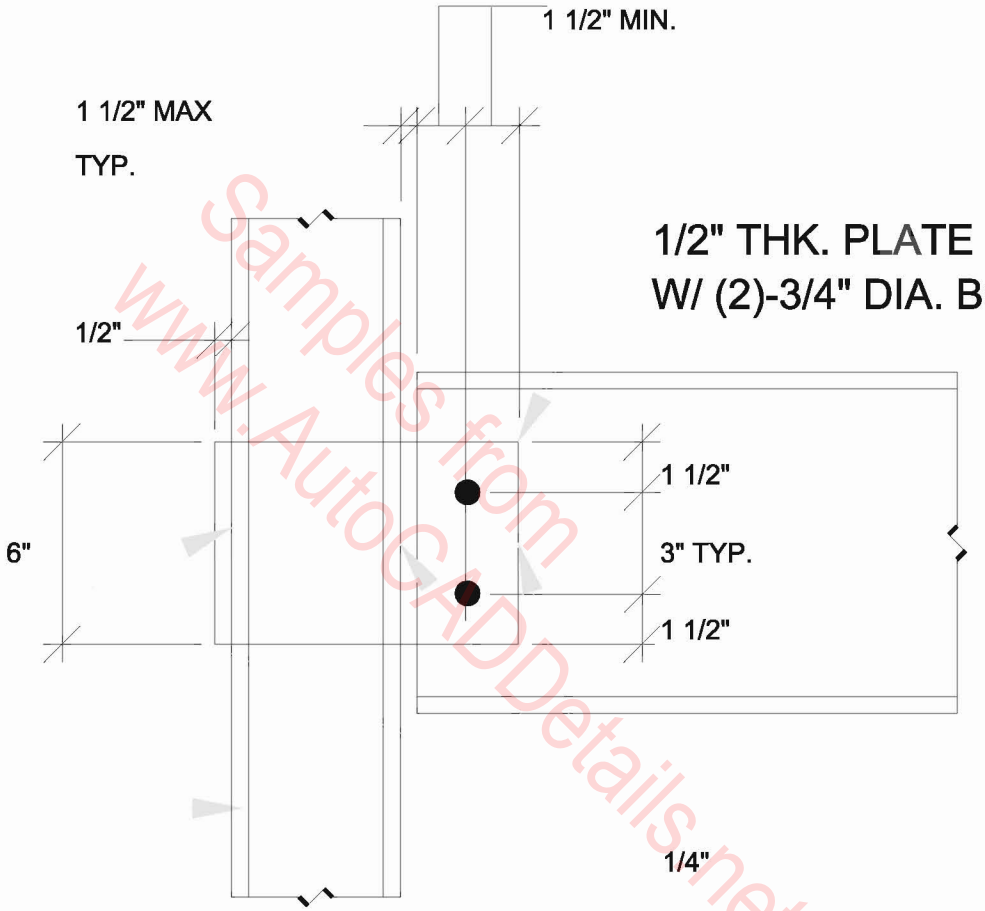
T&B PLATE STIFF
TO MATCH BEAM
FLANGE THICKNESS

F.P TYP T&B
FLANGE



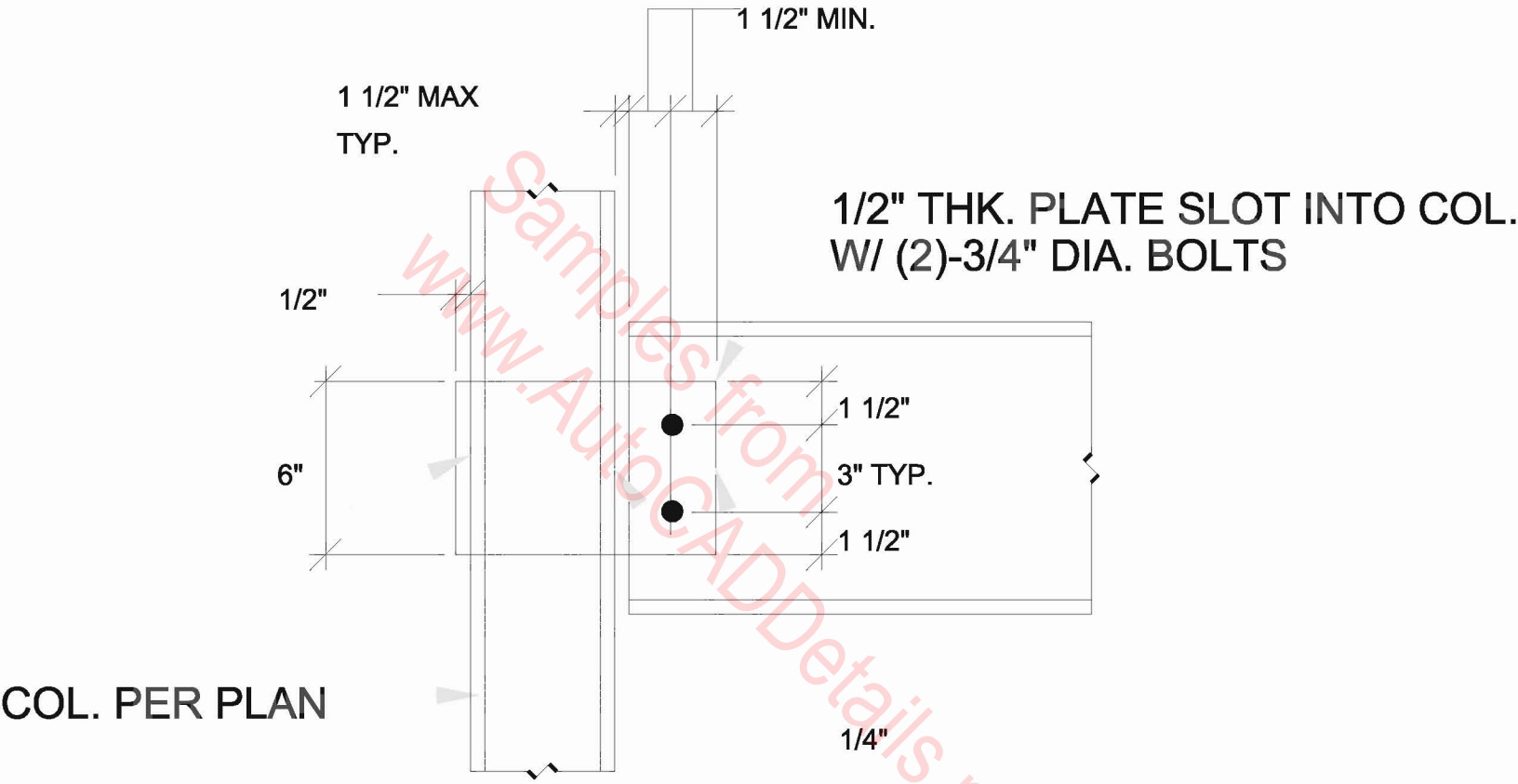
Samples from
www.AutoCADDetails.net

BEAM TO COL. WEB CONNECTION



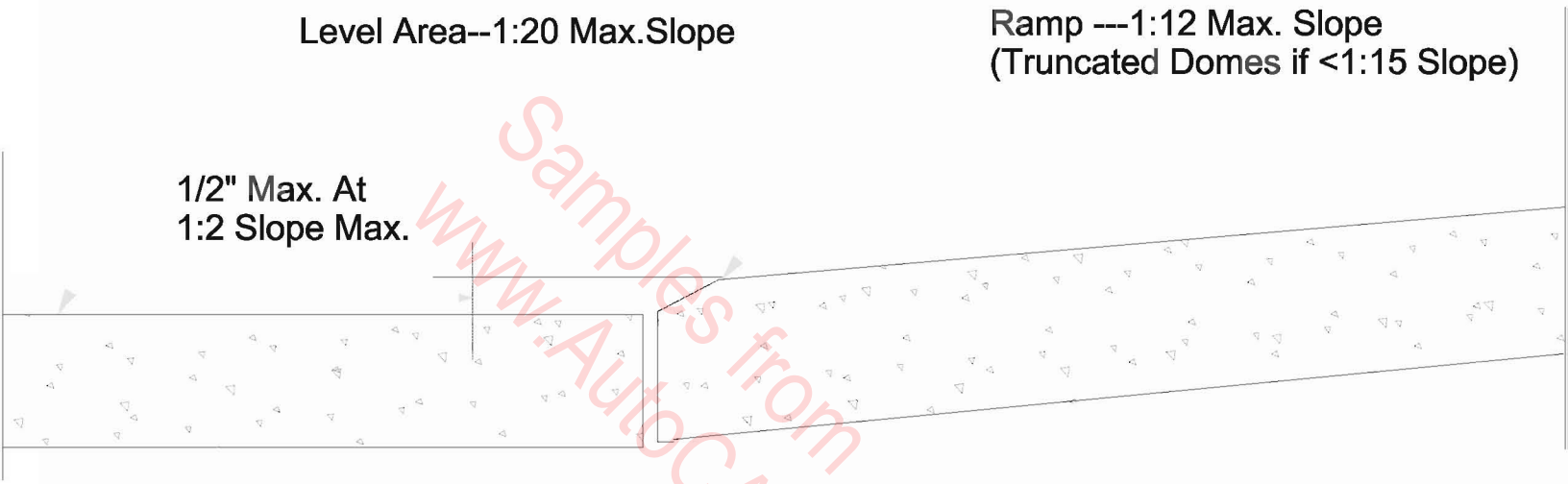
Samples from www.AutoCADDetails.net

BEAM TO COLUMN



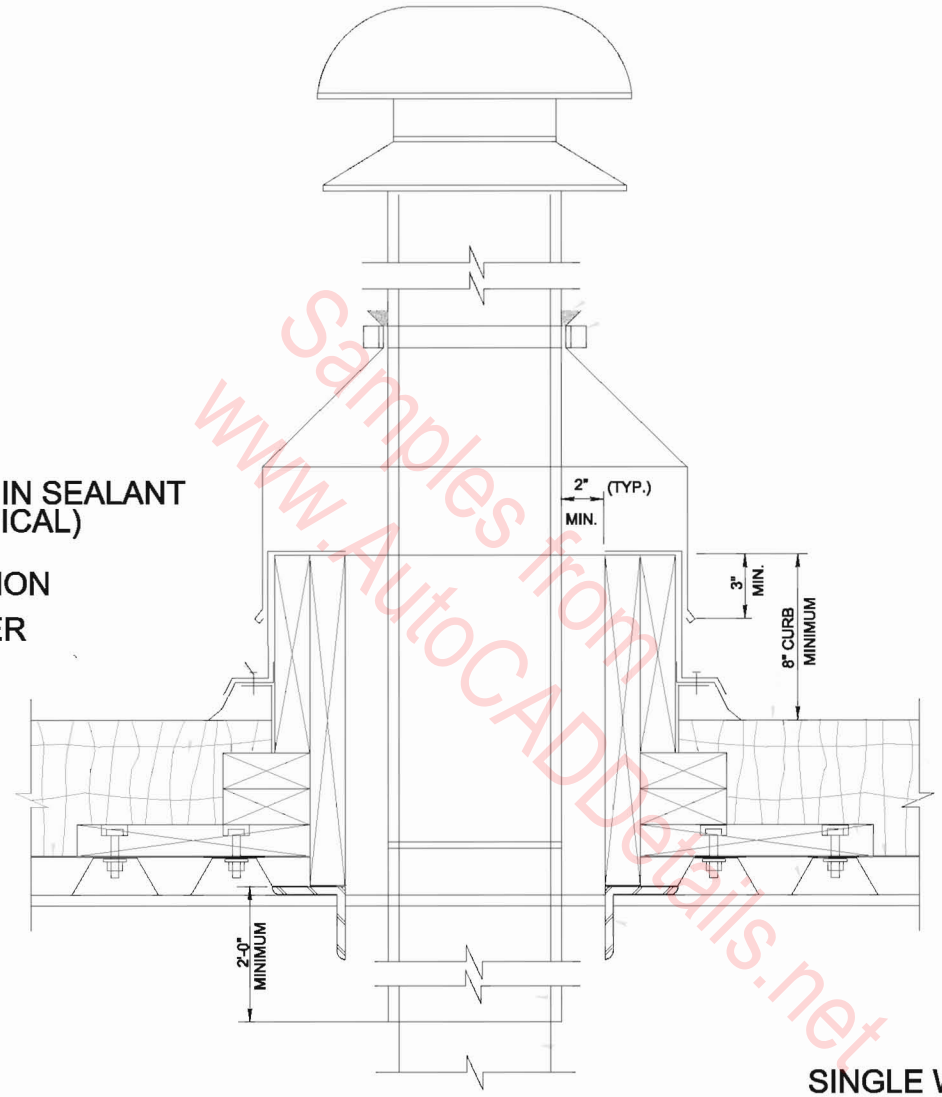
Samples from www.AutoCADDetails.net

BEAM TO COLUMN



Samples from
www.AutoCADDetails.net

BEVEL EDGE AT CURB RAMP



STAINLESS STEEL RAINCAP

SEALANT %%U %%U

CLAMPING RING

16 GA. METAL STORM COLLAR

STANDING SEAM MTL. ROOFING

STEEL DECK

TREATED WD. BLOCK BOLTED TO MTL. DECK W/ 1/2" O BOLTS

VAPOR BARRIER

STEEL ANGLE FRAMING OPENING

DOUBLE WALL TYPE 430 STAINLESS STEEL VENT PIPE

SINGLE WALL STEEL VENT PIPE

SET IN SEALANT (TYPICAL)

RIGID INSULATION

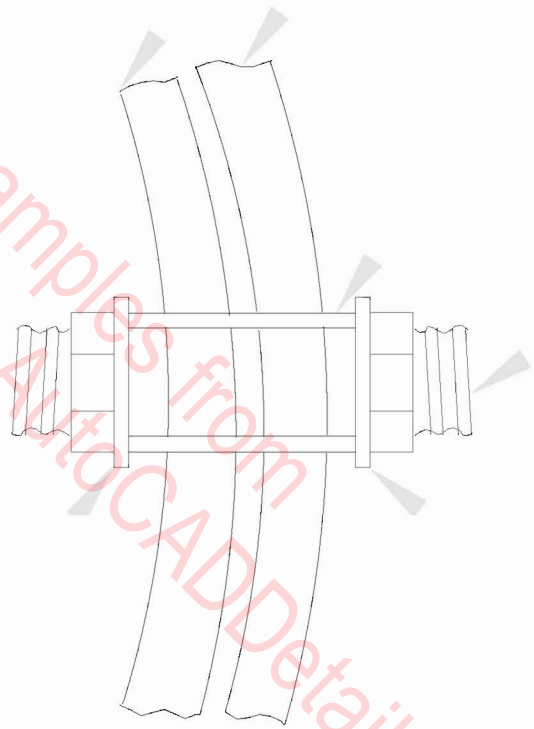
VAPOR BARRIER

Samples from www.AutoCADDetails.net

BOILER STACK DETAIL

CMP

DOWNDRAIN



25 mm x 50mm

GALV. PIPE

22 mm x 75 mm

GALV. BOLT

24 mm GALV.

WASHER

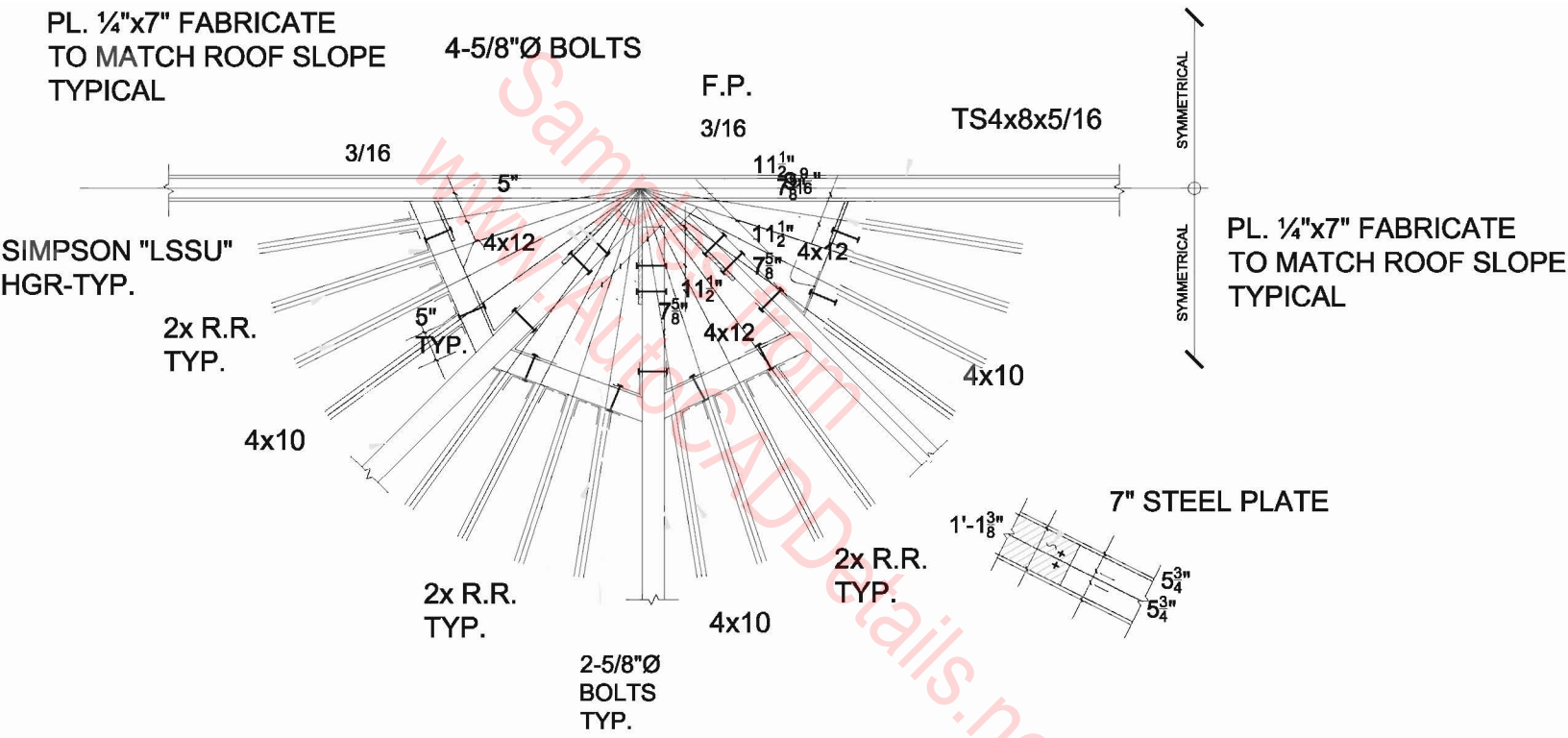
24 mm GALV.

WASHER

Samples from www.AutoCADDetails.net

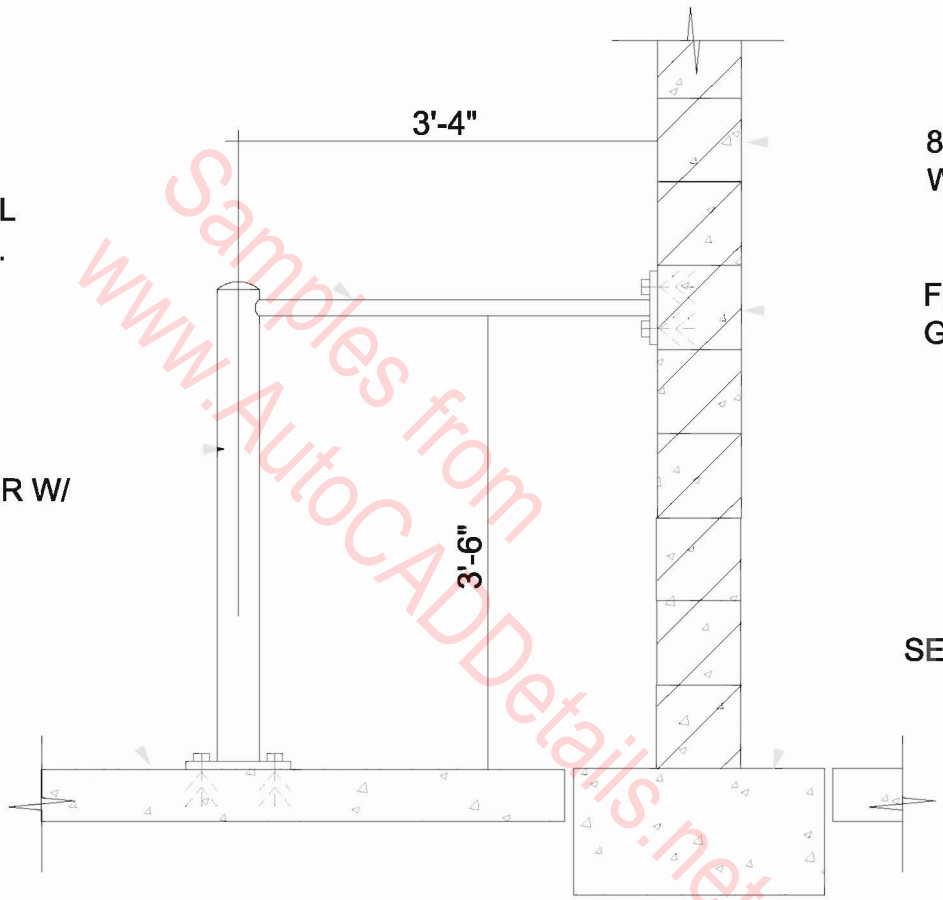
NOTE: GASKETS FOR WATERTIGHT JOINTS WILL NOT BE REQUIRED ON DOWNDRAINS WHERE FLEX ELBOW IS SPECIFIED.

BOLT ASSEMBLY DETAIL



BOLT SPACING

Sample from www.AutoCADDetails.net



1 1/2" PIPE HANDRAIL
W/ 3/8" x 7" x 0'-7" PL.
AND (2) 1/2" EXP.
ANCHORS

4" GUARDPOST FILLED
W/ CONCRETE. ANCHOR W/
3/8" x 10" x 0'-10" PL.
AND (4) 1/2" EXP.
ANCHORS

EXIS. CONC. FLOOR
TO REMAIN

8" CMU BEARING WALL
W/ R/F AT 16" O.C.

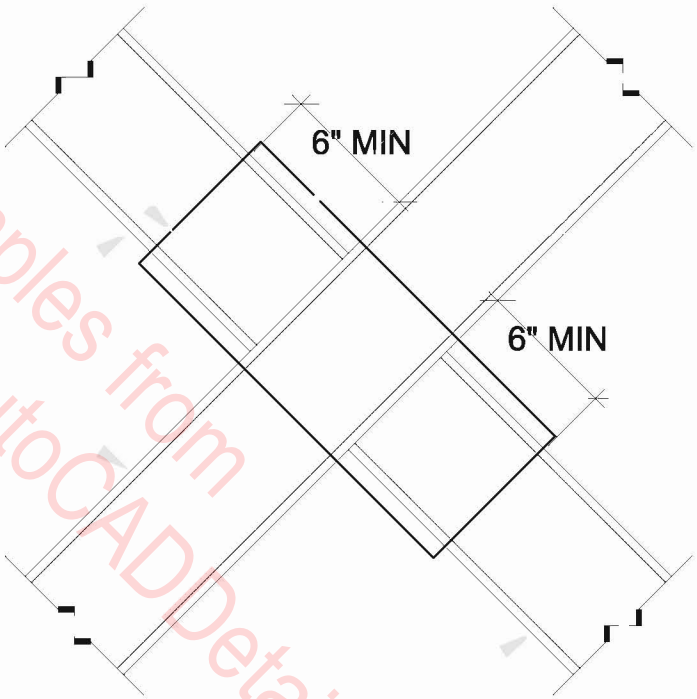
FILL CORES SOLID W/
GROUT - TYPICAL

SEE STRUCT. NOTES
DETAIL

Samples from
www.AutoCADDetails.net

BOLLARD DETAIL

1/4" PL. BOTH SIDES TYP.



BRACES PER PLAN

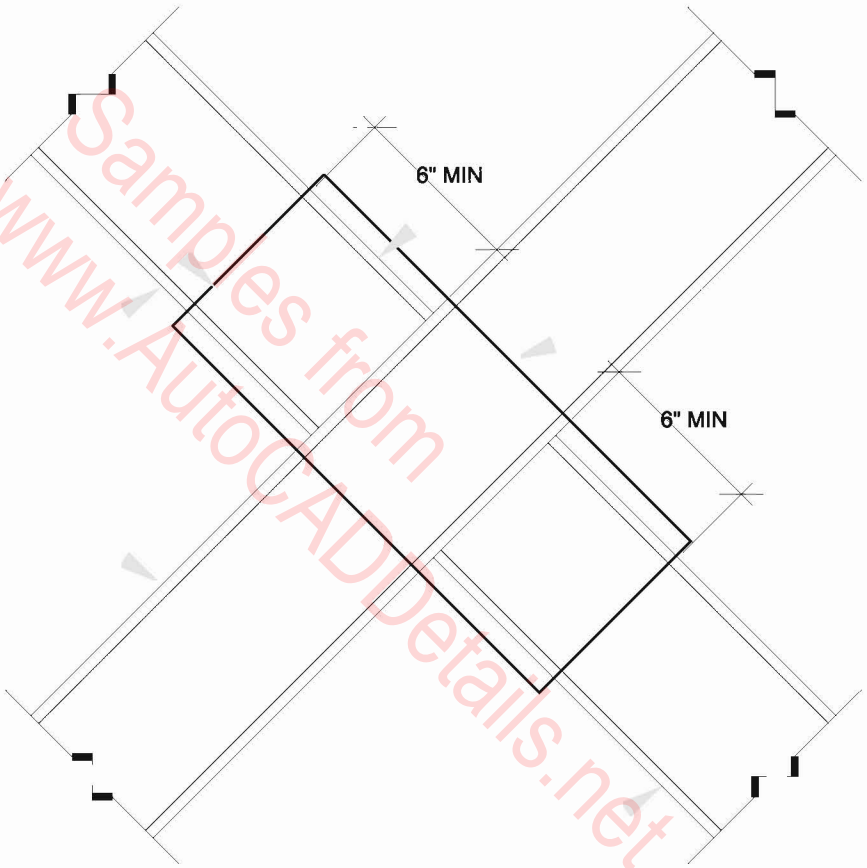
BRACE PER PLAN

Samples from www.AutoCADDetails.net

BRACE TO BRACE CONNECTION

1/4" PL. BOTH SIDES TYP.

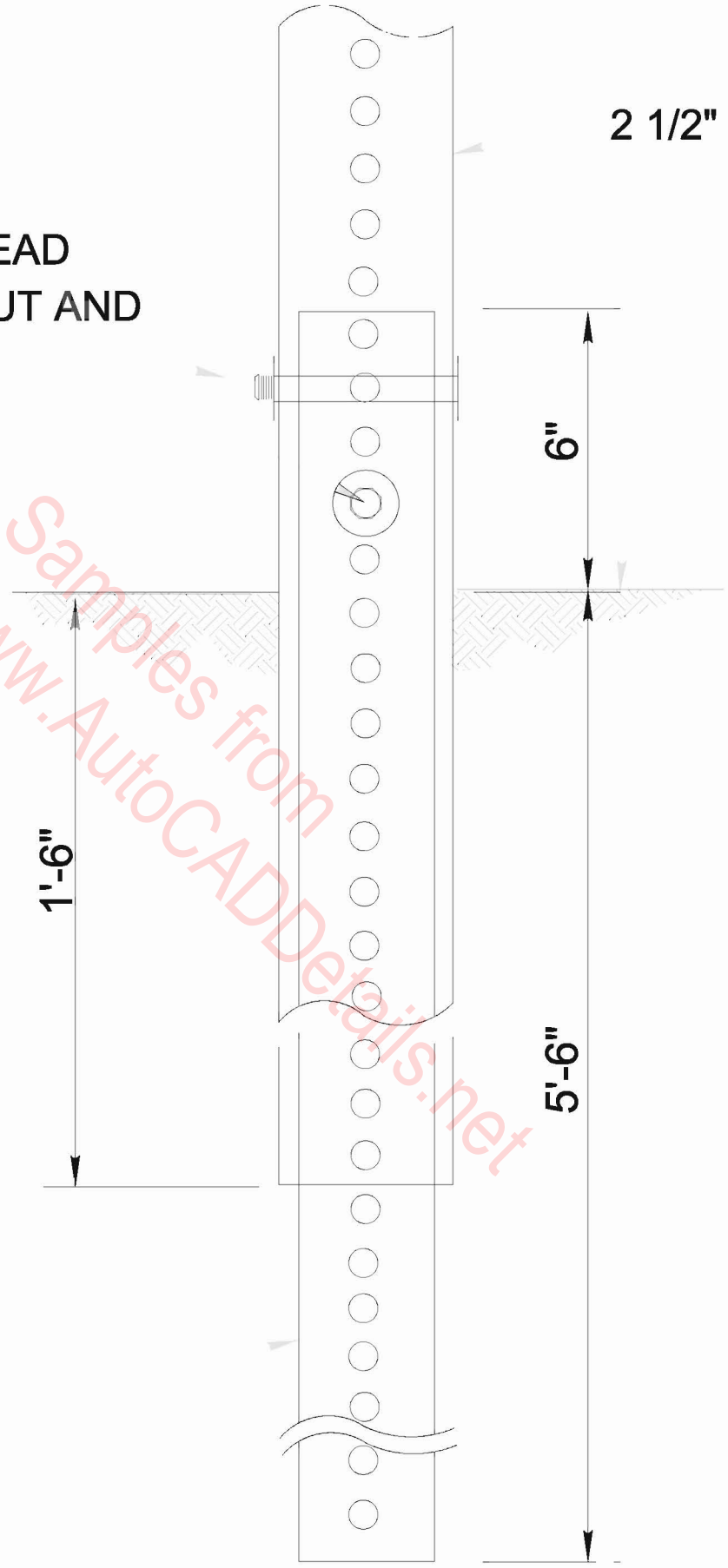
BRACES PER PLAN



BRACE PER PLAN

Samples from www.AutoCADDetails.net

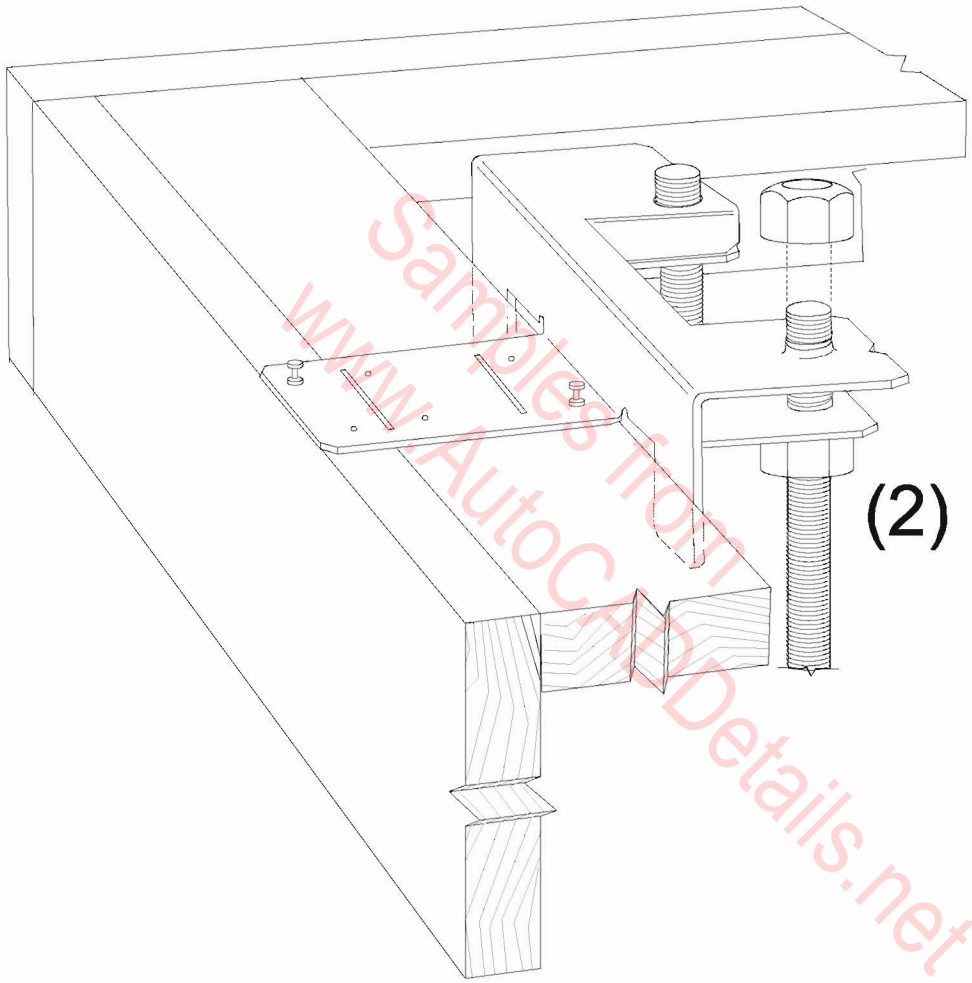
BRACE TO BRACE CONNECTION



Samples from
www.AutoCADDetails.net

BREAK-AWAY DETAIL

SSWTBL15
SSWTBL18
SSWTBL21
SSWTBL24

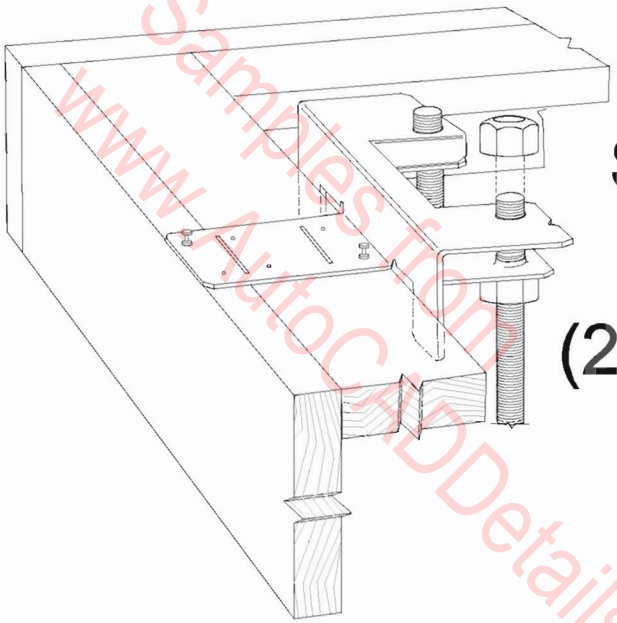


(2) 1" SSWAB

Samples from
www.AutoCADDetails.net

BRICK LEDGE INSTALLATION

SSWTBL

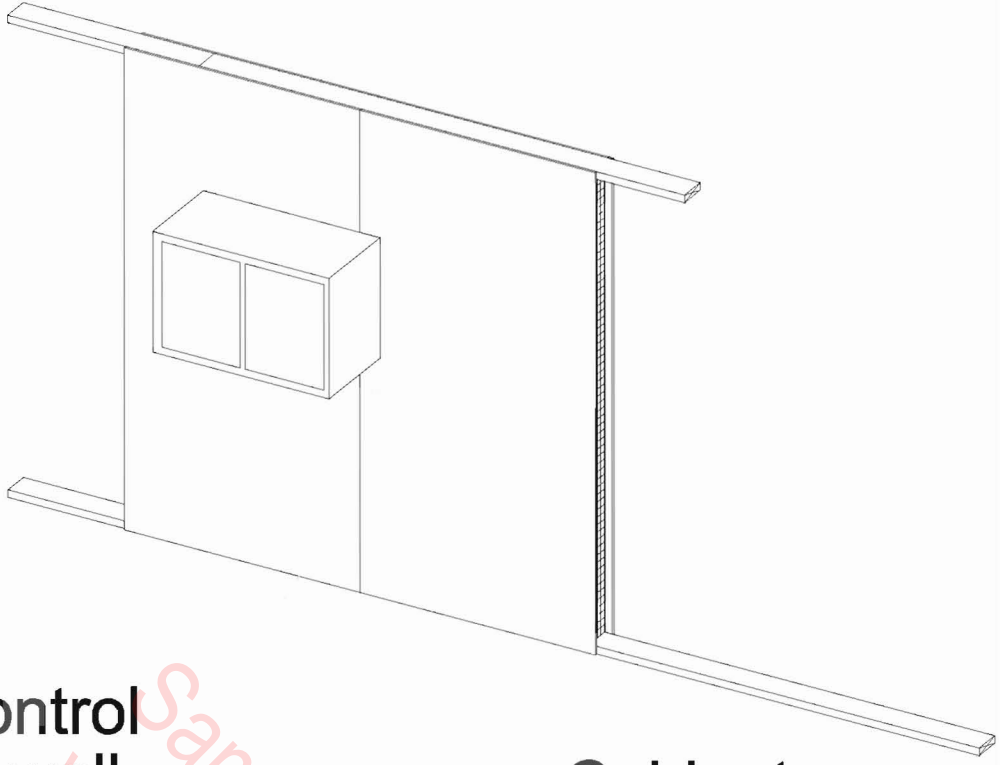


SSWTBL12

(2) 3/4" SSWAB

Samples from www.AutoCADDetails.net

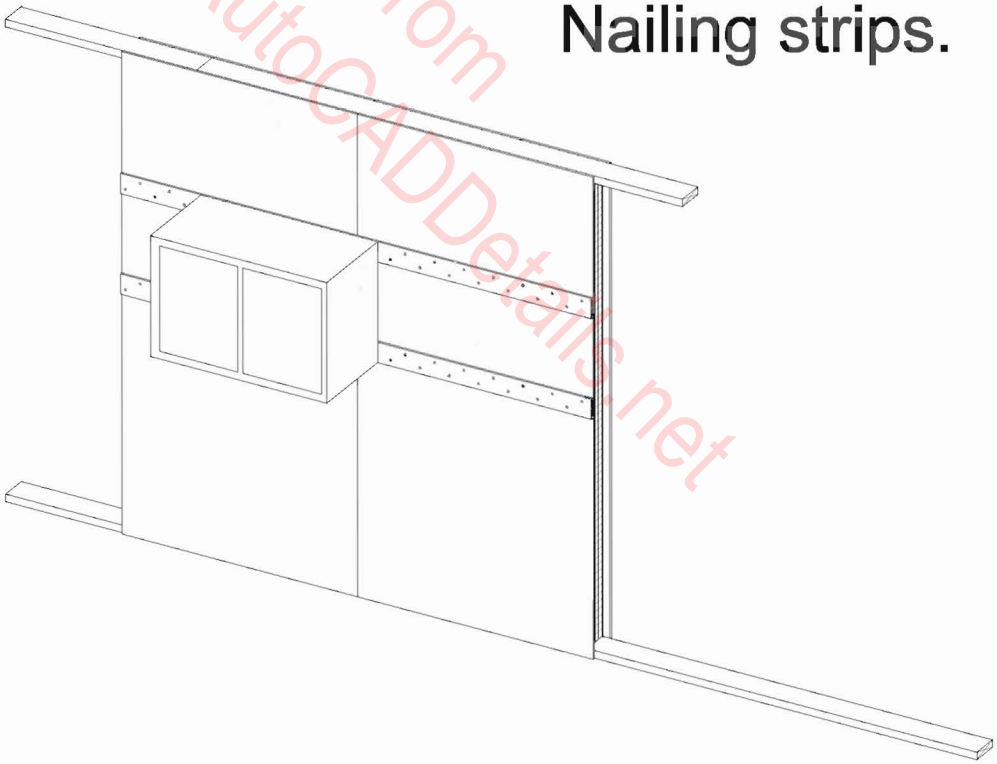
BRICK LEDGE INSTALLATION



R-Control
SIP wall

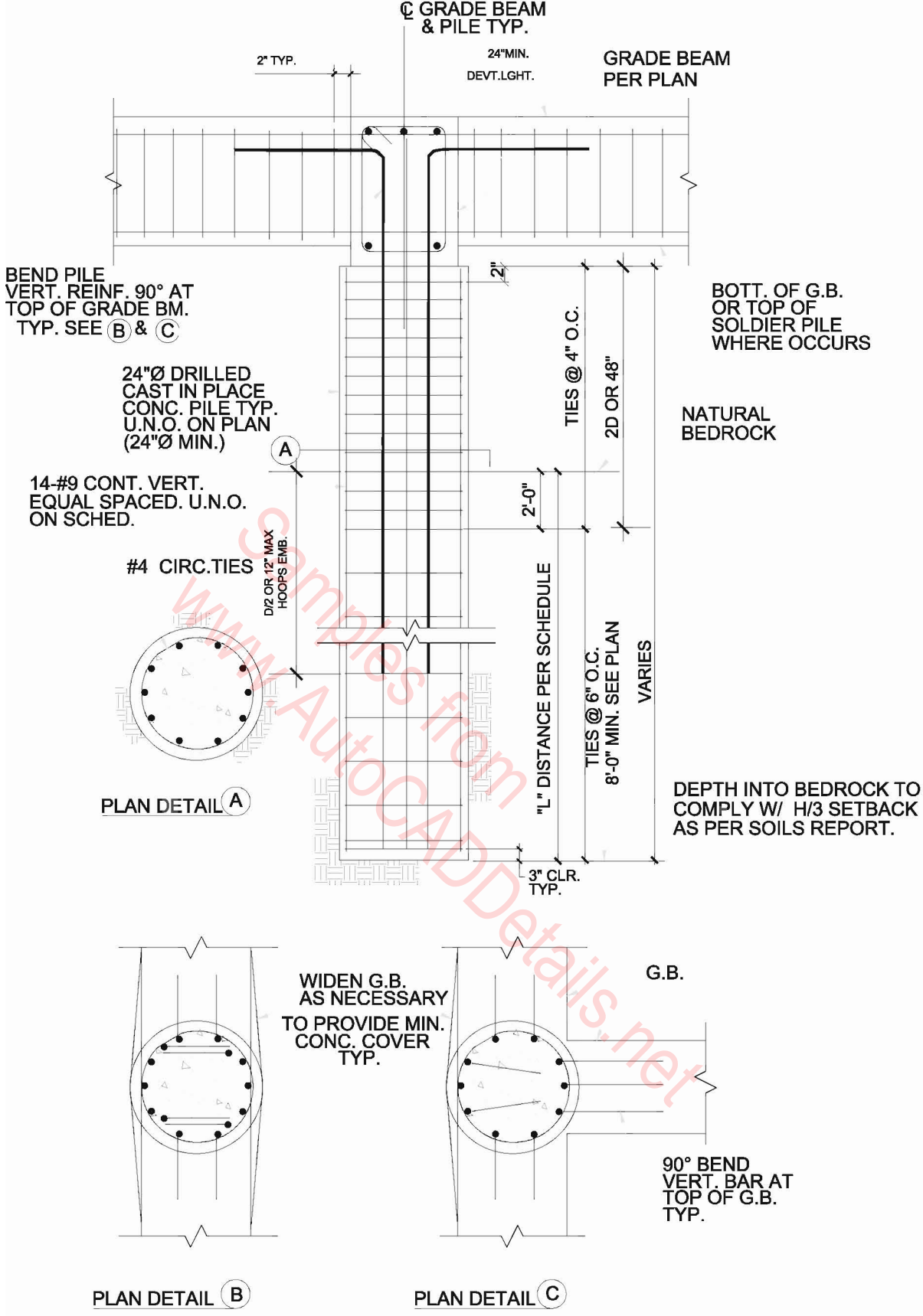
Cabinet

Nailing strips.



Samples from
www.AutoCADDetails.net

ISOMETRIC
Cabinet Attachment



samples from www.AutoCADDetails.net

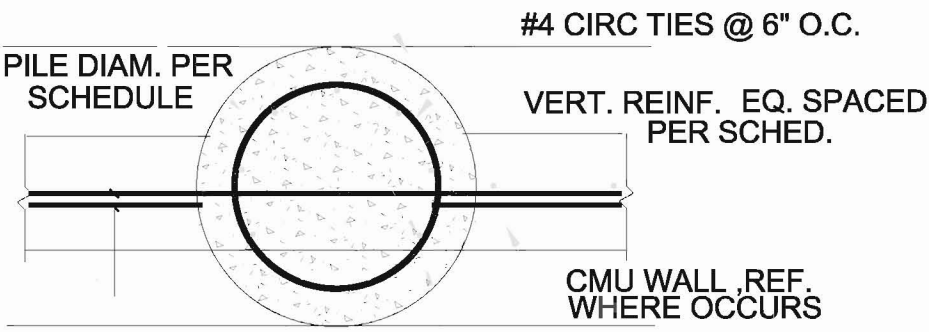
CAISSON/PILE DETAIL

CAISSON/PILE SCHEDULE

"H"	PILE ⌀	"L"	PILES MAX. SPAC'G.	VERT.BARS	TIES
12'&5'	24"	10'-0"	10'-0"	9-#8	#4 CIRC.TIES
12'	24"	15'-0"	10'-0"	13-#9	#4 CIRC.TIES
9'-6'	24"	12'-0"	10'-0"	9-#8	#4 CIRC.TIES
9'-0'	24"	12'-0"	10'-0"	9-#8	#4 CIRC.TIES
14'-0'	30"	27'-0"	8'-0"	10-#11	#4 CIRC.TIES

NOTE: "L" LENGTH OF PILE INTO BEDROCK

GRADE BM. PER PLAN



SECTION (D)

#6 x 5-0" DOWELS (GR.60) TO MATCH HORIZ. REINF.

GRADE 60 REBAR SPLICE AND EMBED- SCHEDULE

	CONC. f'c =2500PSI			
	SPLICE		EMBEDMENT	
BAR#	TOP	OTHER	TOP	OTHER
3&4	47	36	47	36
5	59	45	59	45
6	70	54	70	54
7	103	79	103	79
8	117	90	117	90
9	131	101	131	101
10	147	113	147	113
11	161	124	161	124

	CONC. f'c =3000PSI			
	SPLICE		EMBEDMENT	
BAR#	TOP	OTHER	TOP	OTHER
3&4	43	33	43	33
5	53	41	53	41
6	65	50	65	50
7	94	72	94	72
8	107	82	107	82
9	120	92	120	92
10	134	103	134	103
11	147	113	147	113

	CONC. f'c =4000PSI			
	SPLICE		EMBEDMENT	
BAR#	TOP	OTHER	TOP	OTHER
3&4	38	29	38	29
5	47	36	47	36
6	56	43	56	43
7	81	62	81	62
8	92	71	92	71
9	104	80	104	80
10	116	89	116	89
11	127	98	127	98

GR. BM. REBAR NOT SHOWN FOR CLARITY

SEE DET. 9 THIS SHEET FOR BALANCE OF INFO.

REBAR SPLICE & EMBED NOTES:

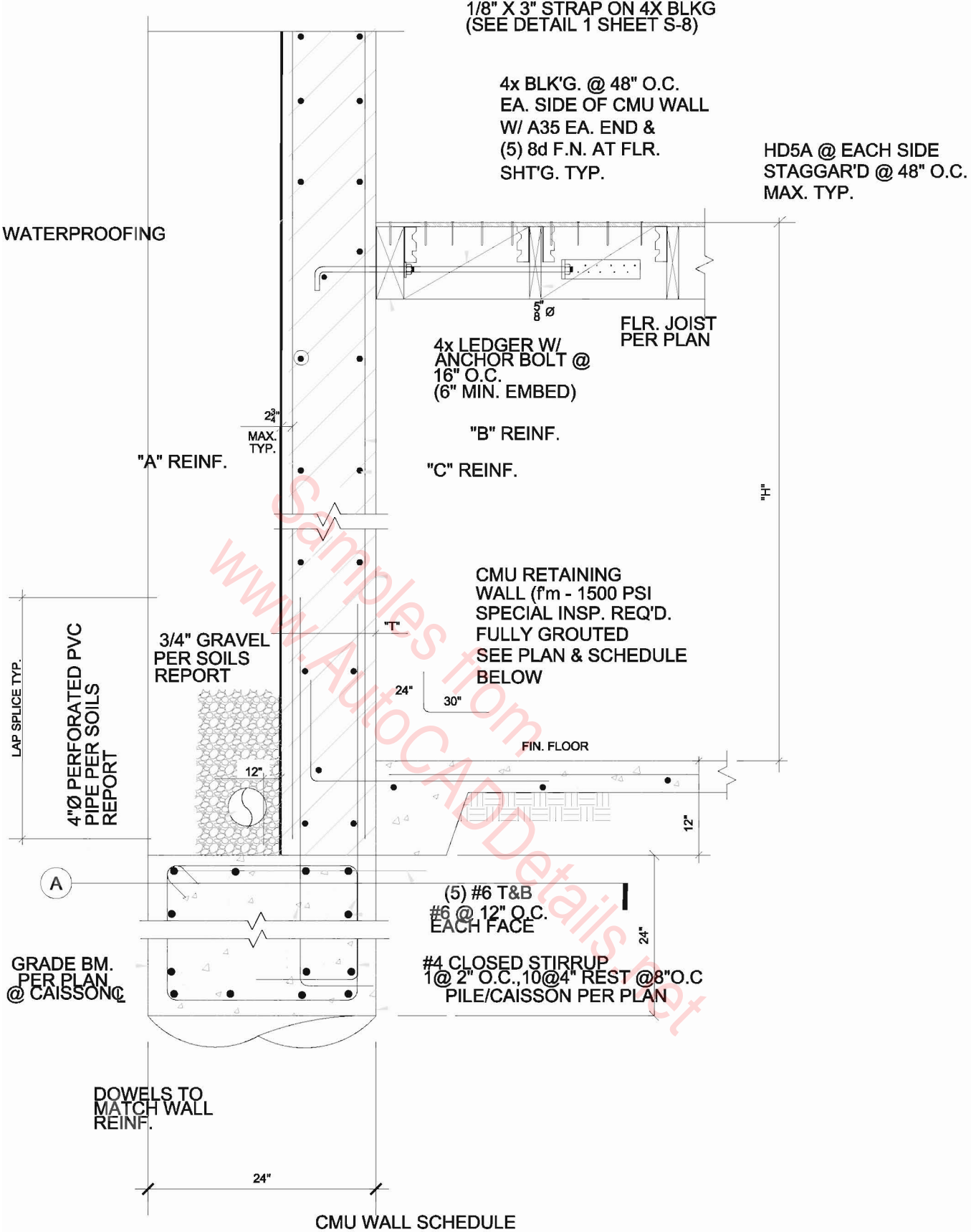
1. SPLICE AND EMBEDMENT LENGTHS ARE IN INCHES. SPLICES ARE CLASS "B".
2. 2/3 OF SPLICE LENGTH MAY BE USED IF BARS ARE SPACED AT 2d CLEAR OR GREATER & MIN. CLEAR COVER OF d .
3. TOP BARS REFER TO HORIZONTAL BARS WITH MORE THAN 12" CONCRETE PLACED BELOW DURING A POUR. OTHER BARS ARE BOTTOM OR VERTICAL BARS.
4. WHERE REQUIRED EMBEDMENT CANNOT BE OBTAINED WITH STRAIGHT BARS PROVIDE 180° OR 90° STANDARD HOOK.

22 BAR DIAMETER EXTEND FAR AS POSSIBLE BUT NOT LESS THAN 8"

5. SCHEDULE IS FOR REGULAR WEIGHT CONCRETE. INCREASE LENGTHS BY 30% FOR LIGHT-WEIGHT CONCRETE. (IN ADDITION TO AFOREMENTIONED FACTORS)
6. LAP SPLICE FOR MASONRY SHALL BE 48 BAR DIAMETERS.

CAISSON/PILE SCHEDULE

Samples from www.AutoCADDetails.net

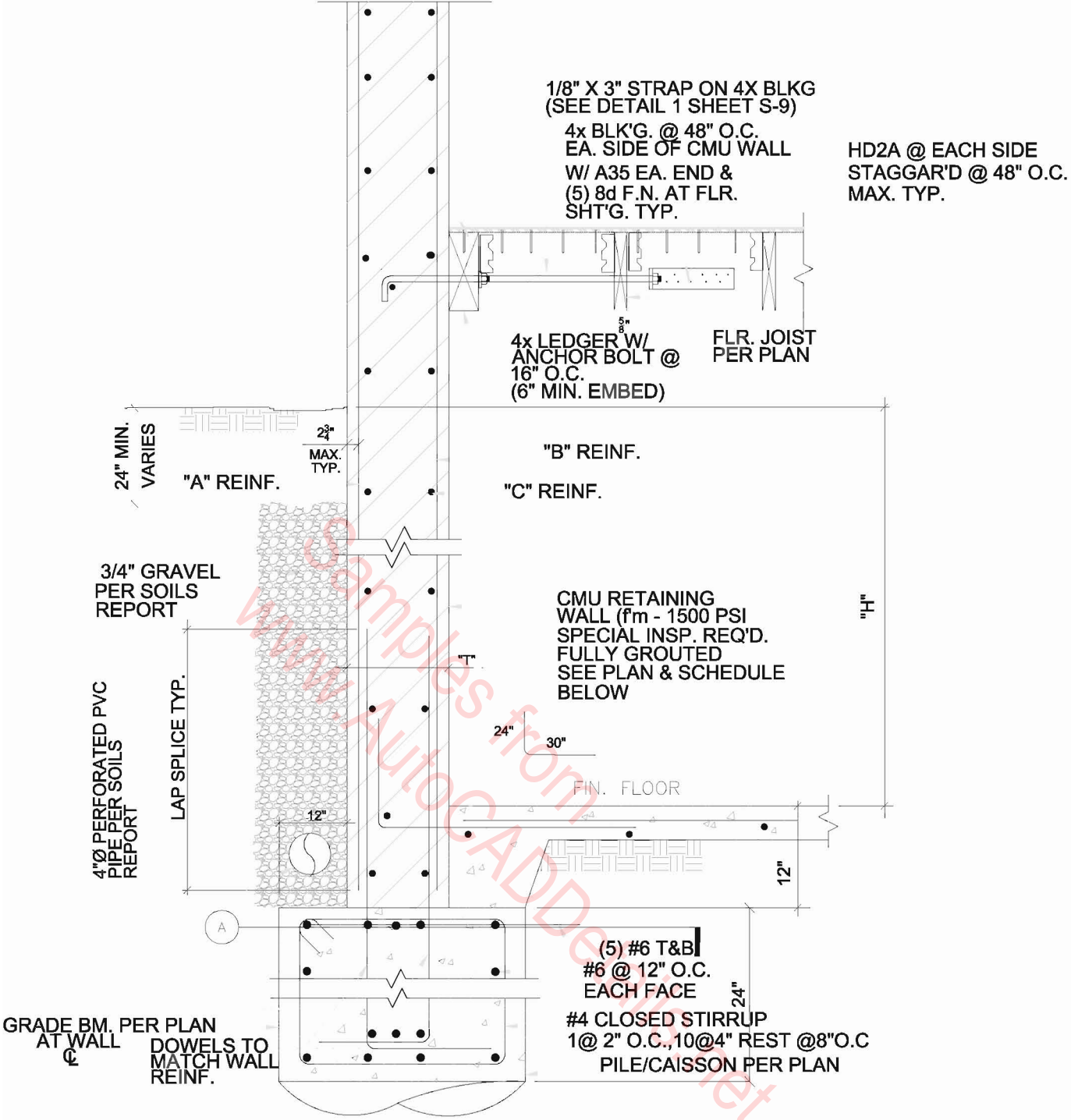


Samples from www.AutoCADDetails.net

CMU WALL SCHEDULE

"H"	"T"				"A"	"B"	"C"	
7'-6"	10"				#6@8"O.C.	#7@8"O.C.	-	
9'-0"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
9'-6"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-0"	12"				#7@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-9"	12"				#8@8"O.C.	#7@8"O.C.	#5@8"O.C.	

CAISSON/PILE-CMU DETAIL(PARALLEL)

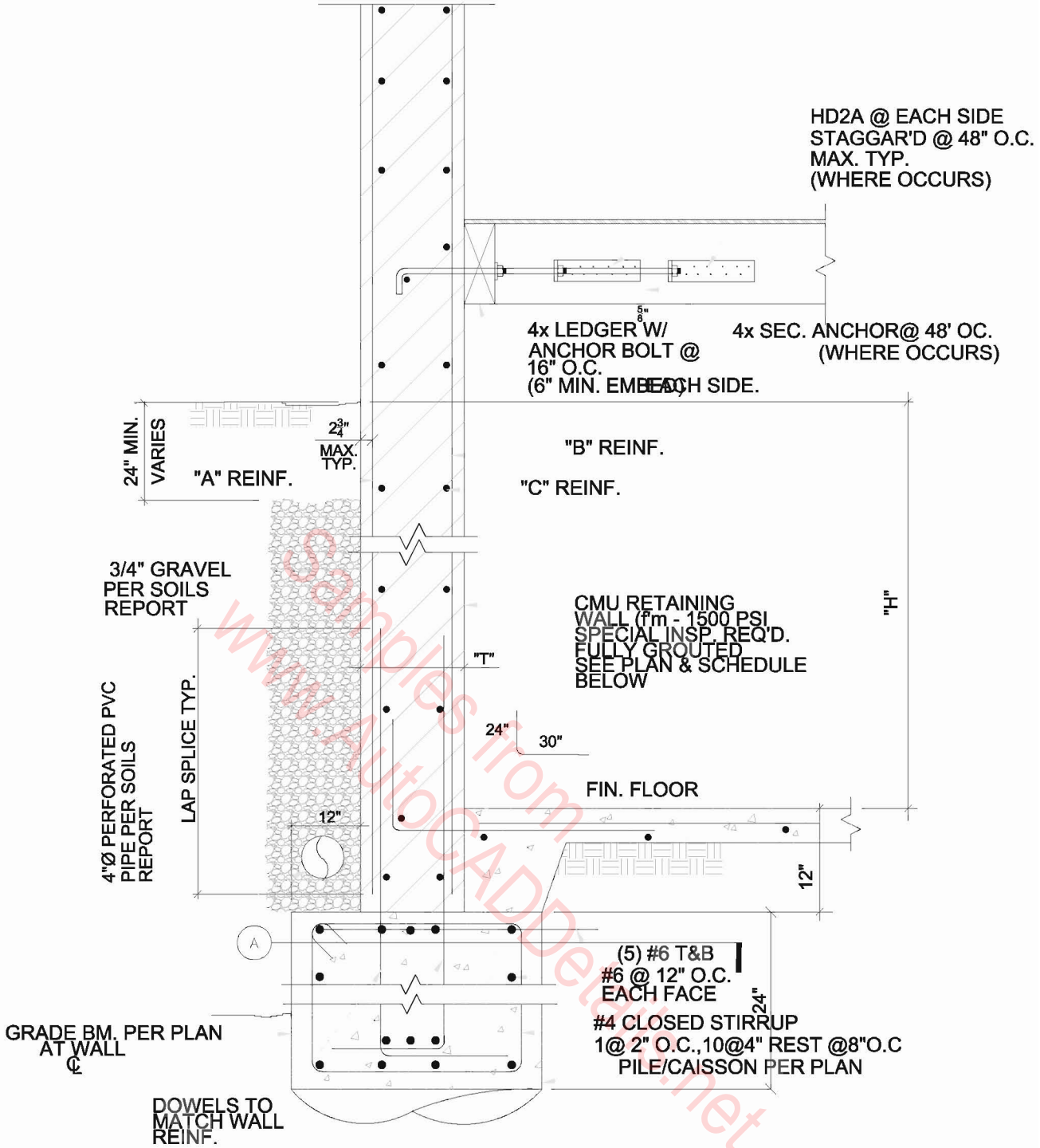


Samples from www.AutoCADDetail.net

CMU WALL SCHEDULE

"H"	"T"				"A"	"B"	"C"	
9'-0"	10"				#6@8"O.C.	#4@24"O.C.	#5@16"O.C.	
9'-6"	10"				#6@8"O.C.	#4@24"O.C.	#5@16"O.C.	
12'-0"	14"				#7@8"O.C.	#4@24"O.C.	#5@16"O.C.	

CAISSON/PILE-CMU DETAIL(PARALLEL)

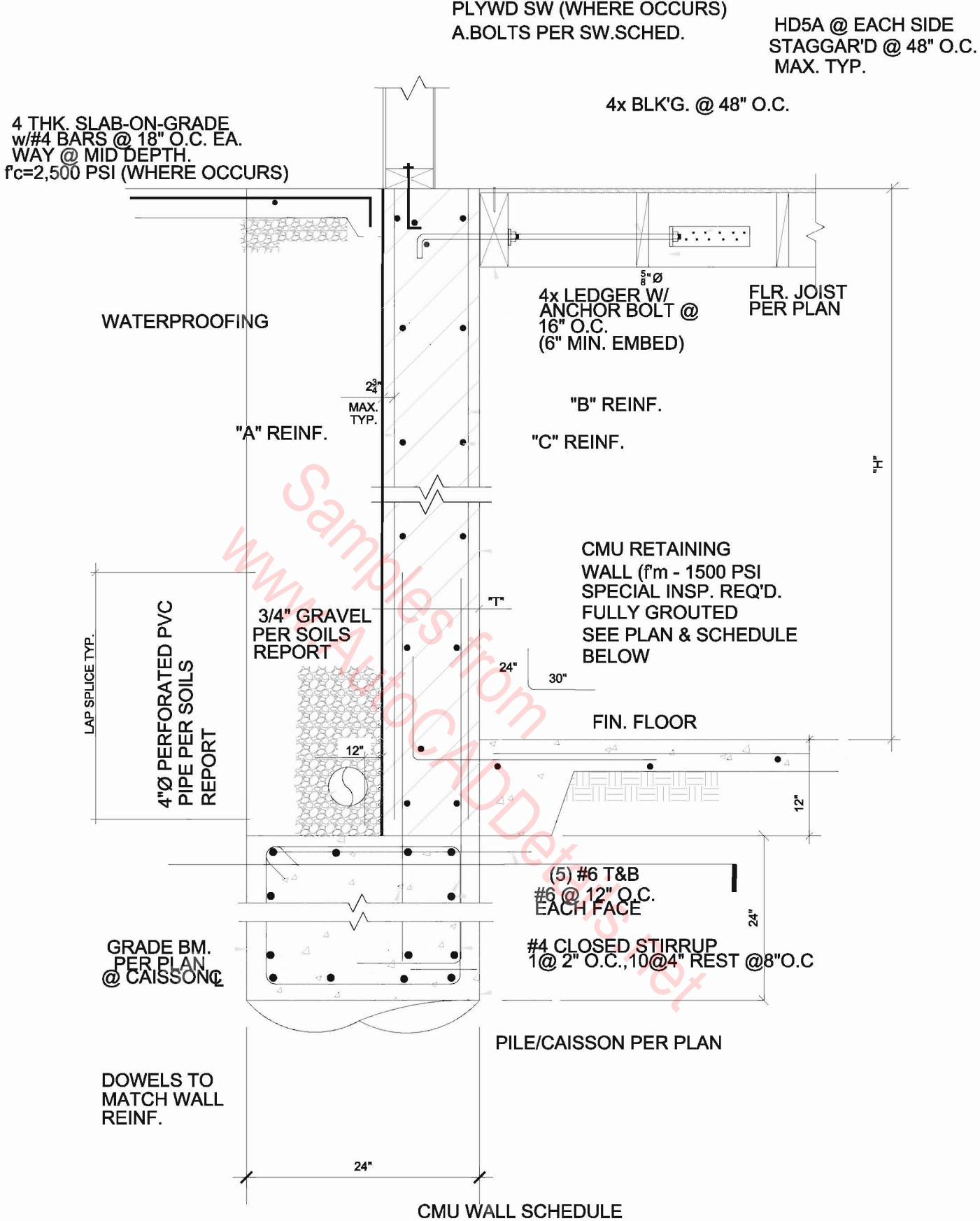


Samples from www.AutoCADDetail.net

CMU WALL SCHEDULE

"H"	"T"				"A"	"B"	"C"	
9'-0"	10"				#6@8"O.C.	#4@24"O.C.	#5@16"O.C.	
9'-6"	10"				#6@8"O.C.	#4@24"O.C.	#5@16"O.C.	
12'-0"	14"				#7@8"O.C.	#4@24"O.C.	#5@16"O.C.	

CAISSON/PILE-CMU DETAIL(PERP.)

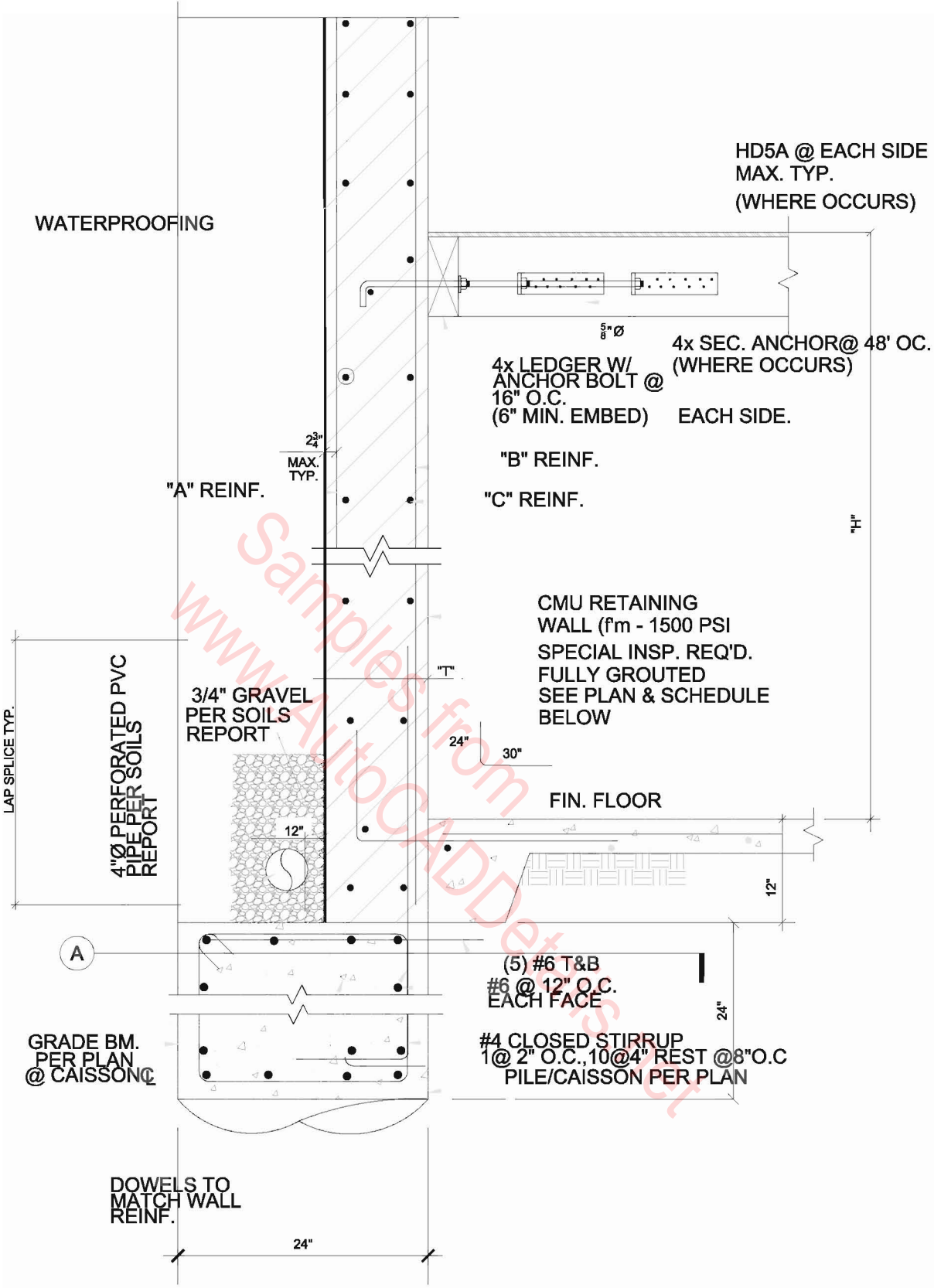


CMU WALL SCHEDULE

"H"	"T"				"A"	"B"	"C"	
7'-6"	10"				#6@8"O.C.	#7@8"O.C.	-	
9'-0"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
9'-6"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-0"	12"				#7@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-9"	12"				#8@8"O.C.	#7@8"O.C.	#5@8"O.C.	

Samples from www.AutoCADDetails.net

CAISSON/PILE-CMU DETAIL(PARALLEL)

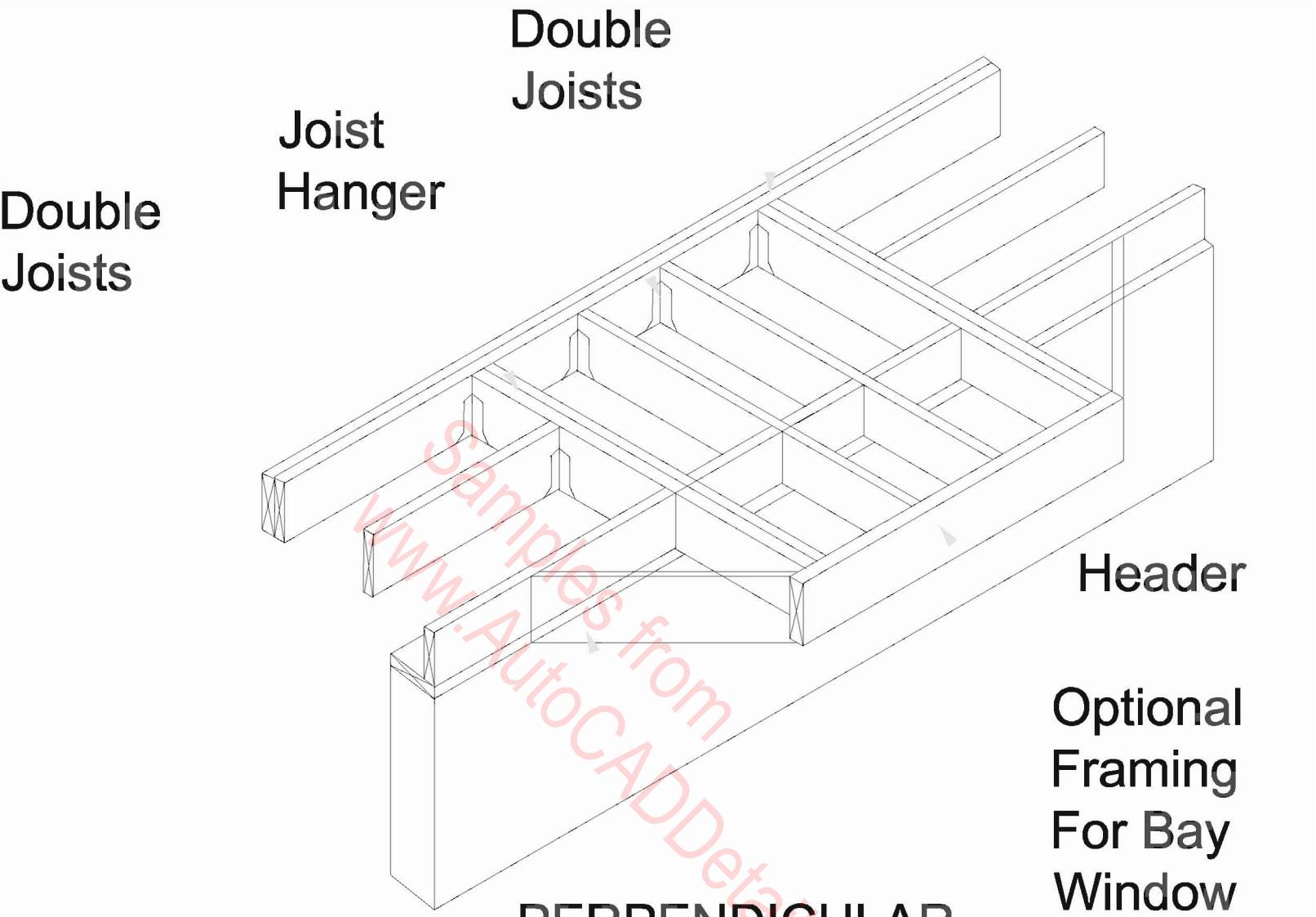


Samples from www.AutoCADDetails.net

CMU WALL SCHEDULE

"H"	"T"				"A"	"B"	"C"	
7'-6"	10"				#6@8"O.C.	#7@8"O.C.	-	
9'-0"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
9'-6"	10"				#6@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-0"	12"				#7@8"O.C.	#7@8"O.C.	#5@8"O.C.	
11'-9"	12"				#8@8"O.C.	#7@8"O.C.	#5@8"O.C.	

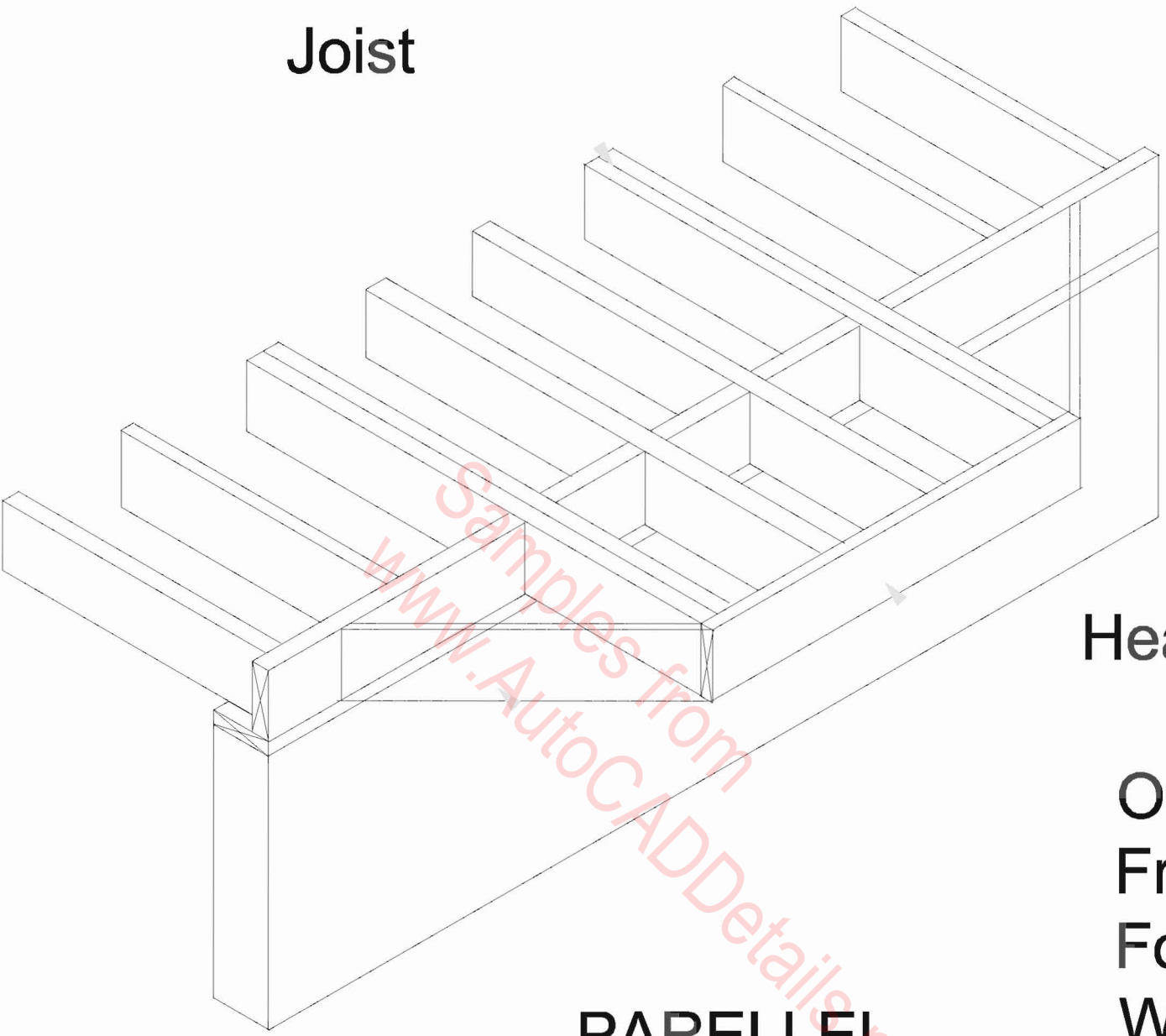
CAISSON/PILE-CMU DETAIL(PERP.)



Samples from
www.AutoCADDetails.net

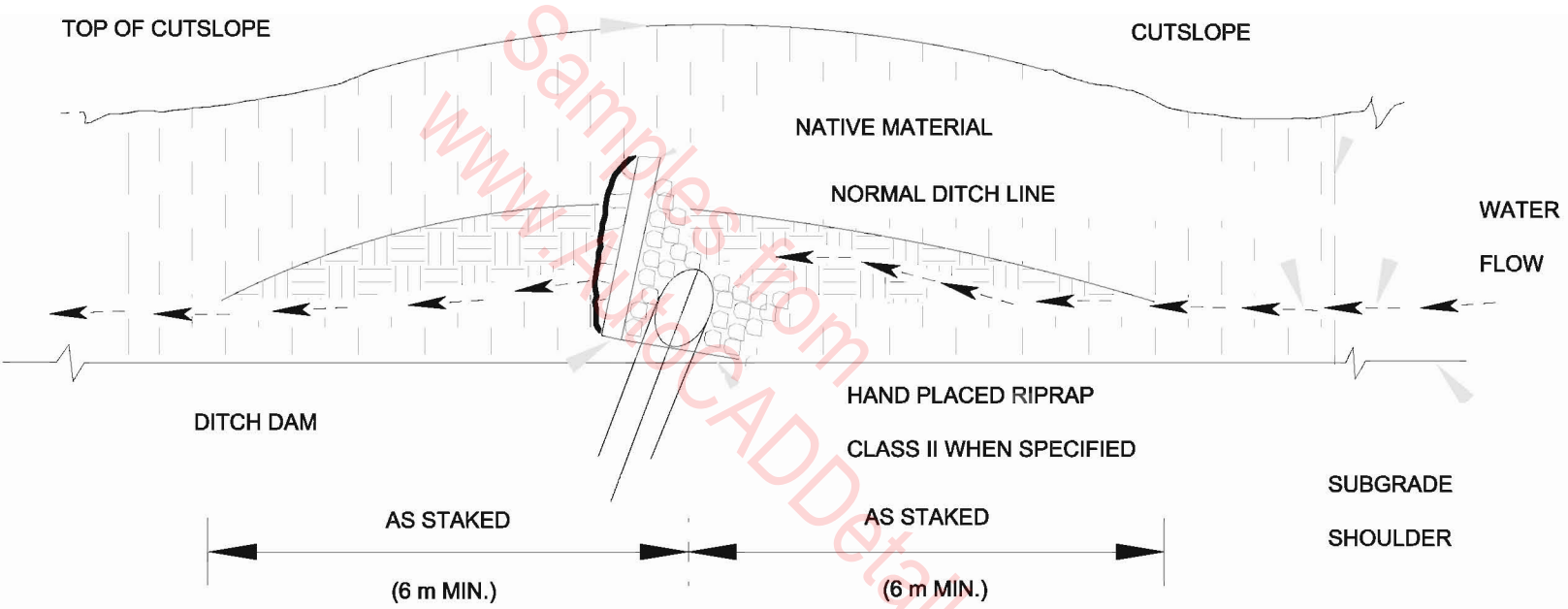
NOTE: Any extension greater than 2'-0" must be ENGINEERED

Cantilevered Floor Detail



Samples from
www.AutoCADDetails.net

Cantilevered Floor Detail

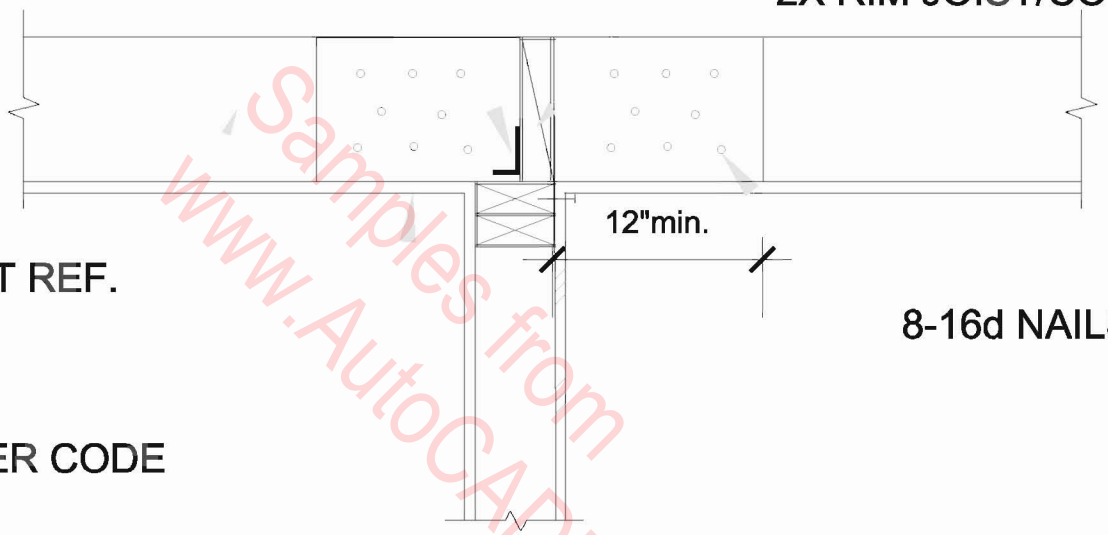


Samples from www.AutoCADDetails.net

CATCH BASIN DETAIL

A35 PER SW SCH.

2X RIM JOIST/CONT. BLOCK'G



CEILING JOIST REF.

8-16d NAILS (E.S.)

DRYWALL PER CODE

Samples from
www.AutoCADDetails.net

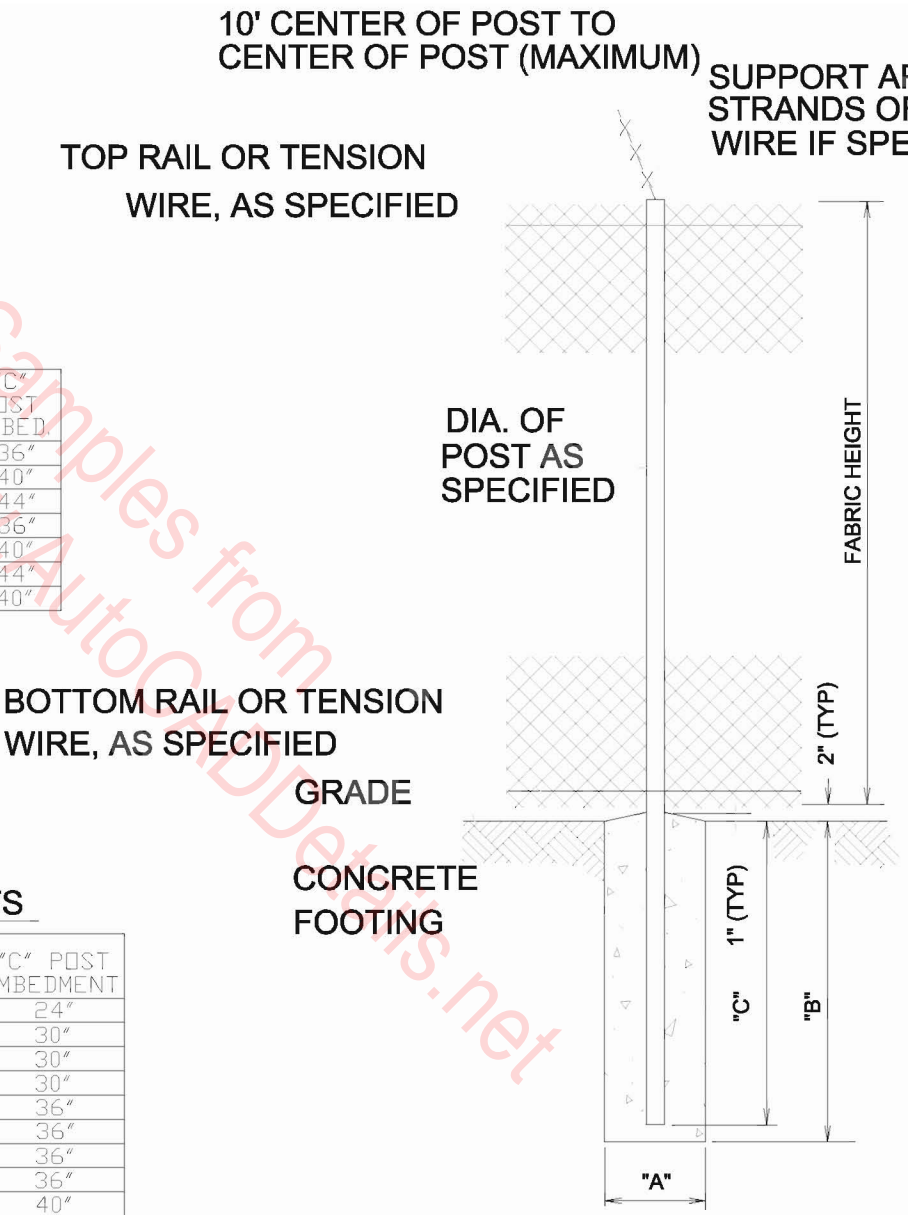
CEILING JOIST SPLICE DETAIL

GATE POST

GATE LEAF WIDTH	GATE POST (OD)	FABRIC HEIGHT	"A" DIAM	"B" DEPTH	"C" POST EMBED.
3' TO 6'	2.875"	3' TO 5'	12"	38"	36"
		6' TO 9'	14"	42"	40"
		10' TO 12'	16"	46"	44"
7' TO 12'	4.000"	3' TO 5'	14"	38"	36"
		6' TO 9'	16"	42"	40"
		10' TO 12'	18"	46"	44"
13'	6.625"	8'-0"	16"	42"	40"

LINE AND TERMINAL POSTS

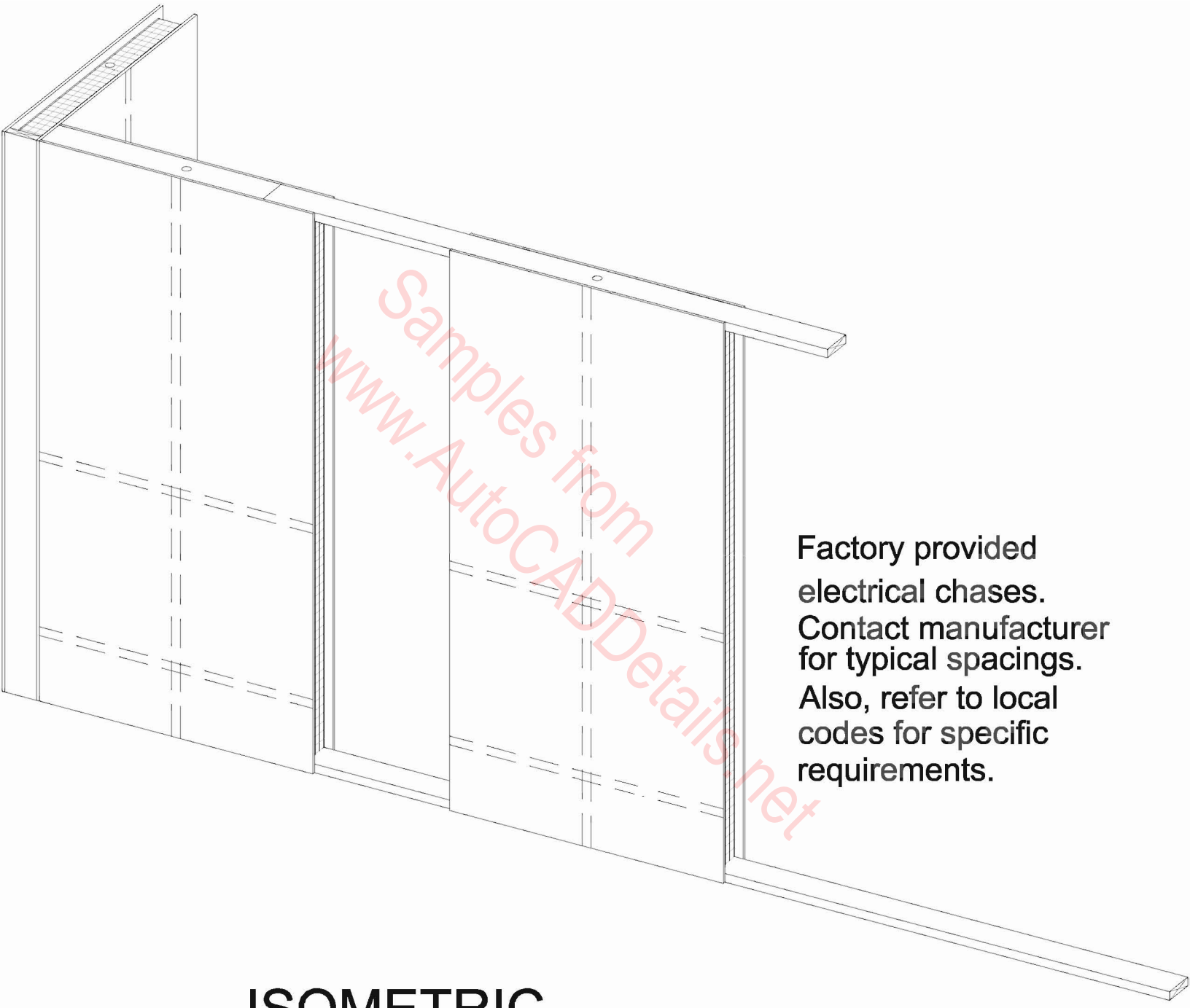
FABRIC HEIGHT	TYPE POST	"A" DIAM	"B" DEPTH	"C" POST EMBEDMENT
3'-0" TO 4'-0"	LINE	6"	26"	24"
	TERMINAL	10"	32"	30"
5'-0"	LINE	8"	32"	30"
	TERMINAL	10"	32"	30"
6'-0" TO 9'-0"	LINE	12"	38"	36"
	TERMINAL	12"	38"	36"
10'-0" TO 12'-0"	LINE	18"	38"	36"
	TERMINAL	18"	38"	36"
13'-0" TO 18'-0"	LINE	24"	42"	40"
	TERMINAL	24"	42"	40"



NOTE: TERMINAL POSTS INCLUDE END, CORNER, AND PULL POSTS

CHAIN LINK FENCE FOUNDATION

Samples from www.AutoCADDetails.net

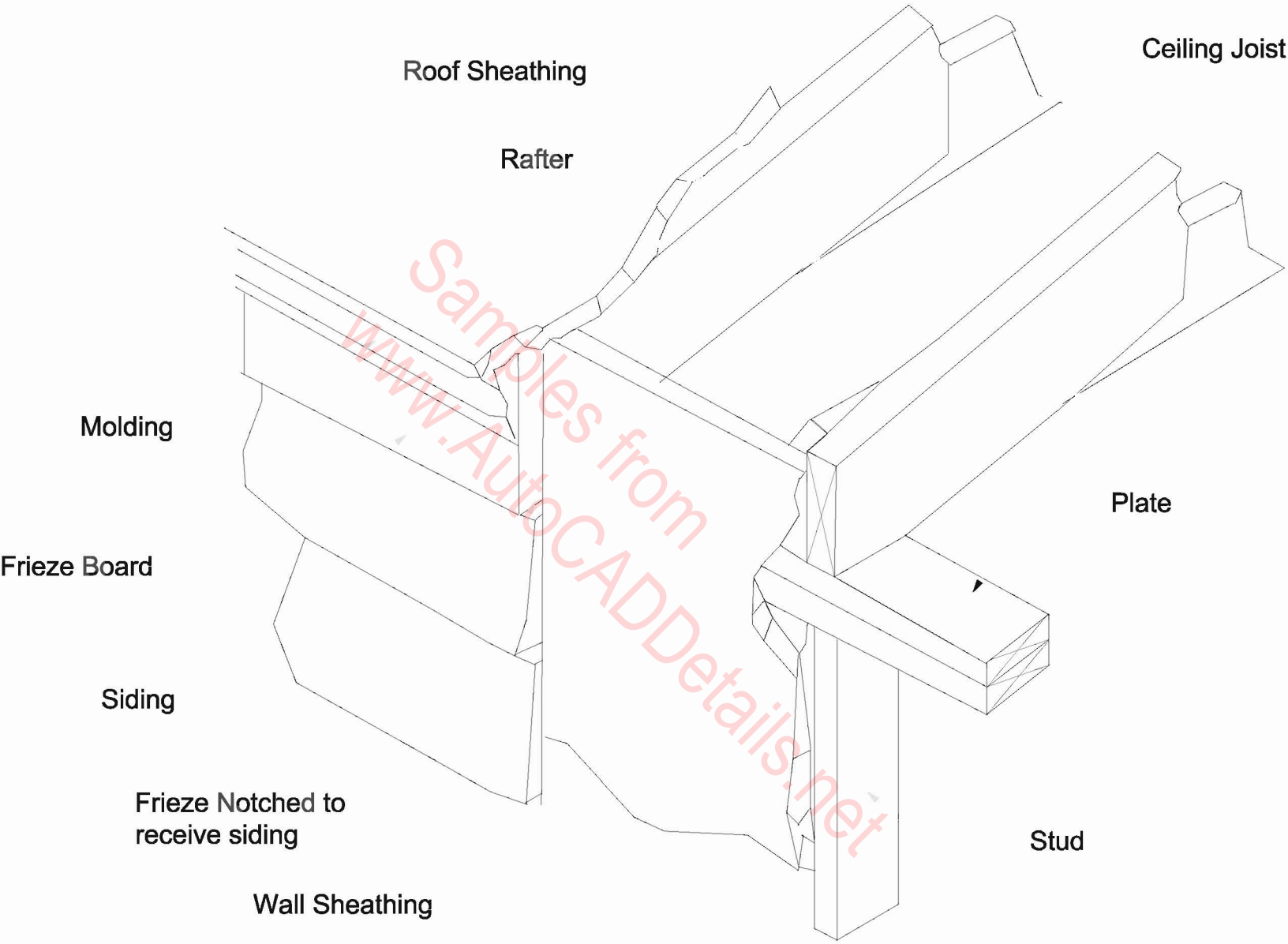


Factory provided electrical chases. Contact manufacturer for typical spacings. Also, refer to local codes for specific requirements.

Samples from www.AutoCADDetails.net

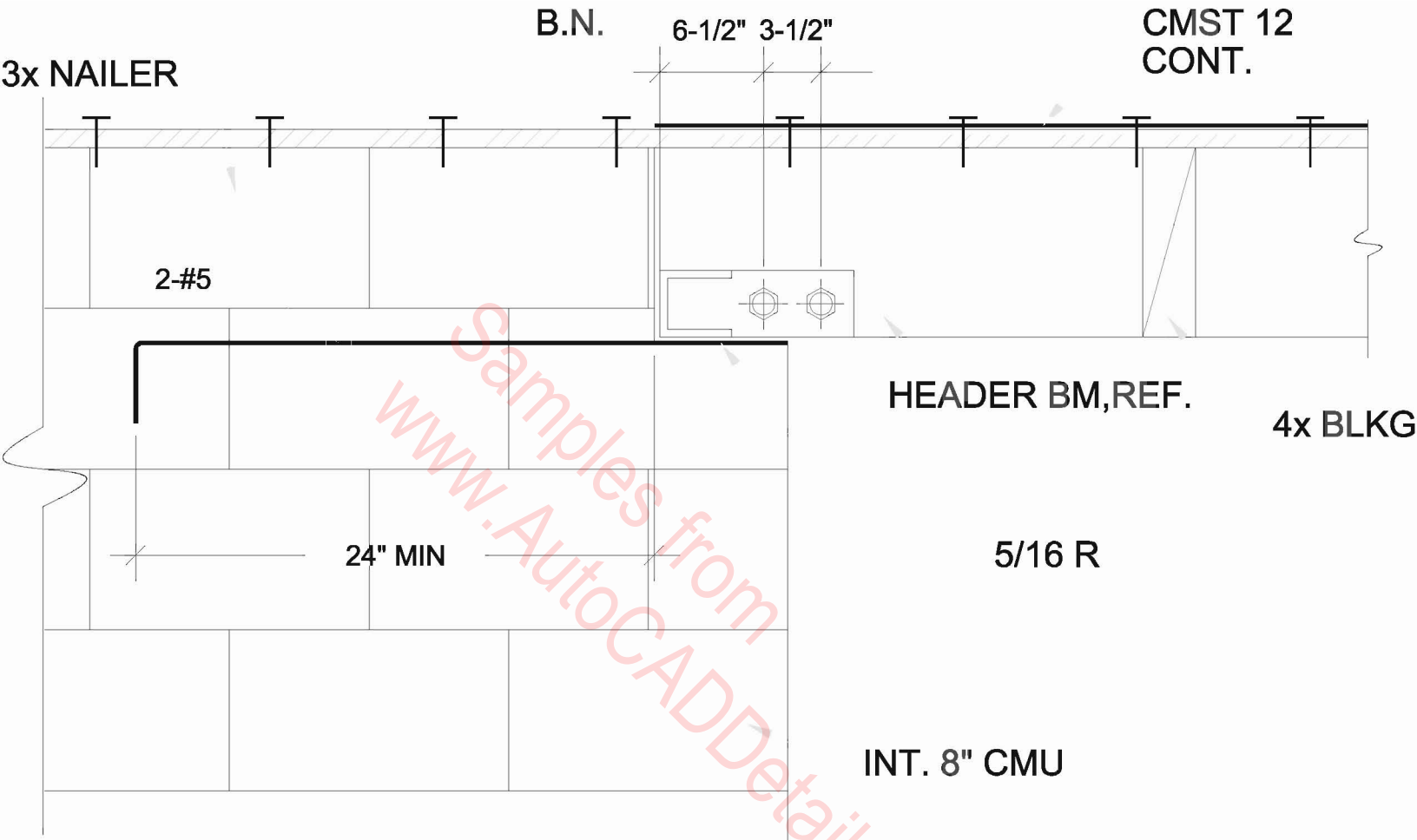
ISOMETRIC

Chases - Electrical



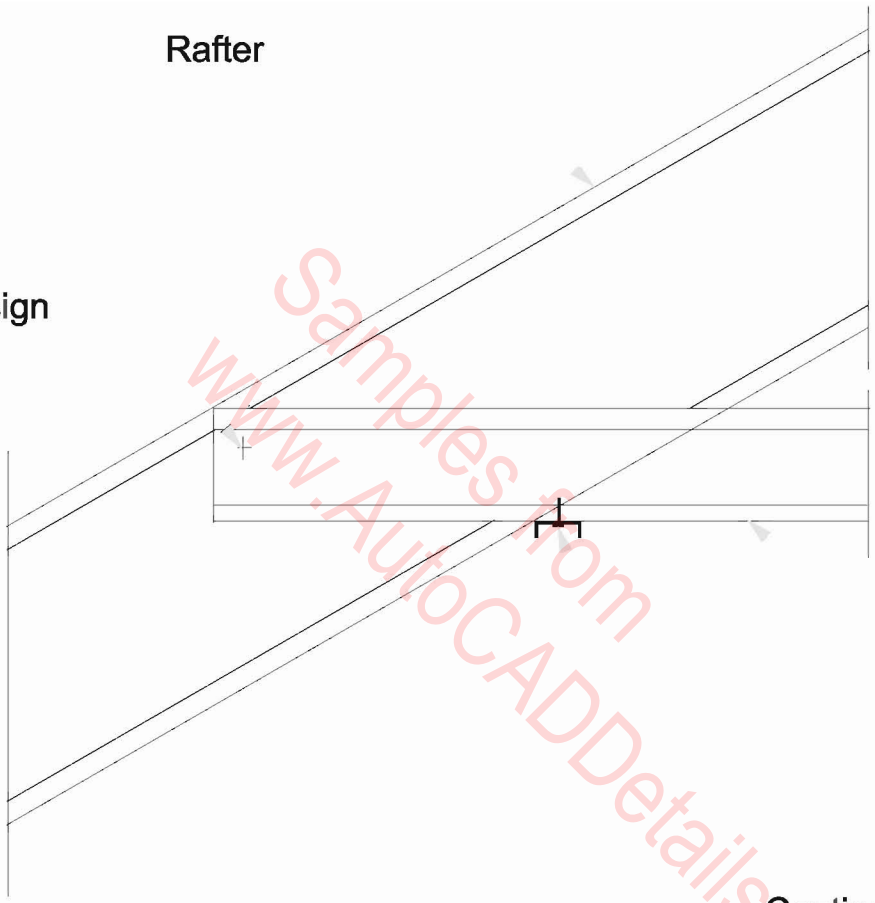
Samples from
www.AutoCADDetails.net

CLOSED CORNICE W/ FRIEZE BOARD NEXT TO SHEATHING



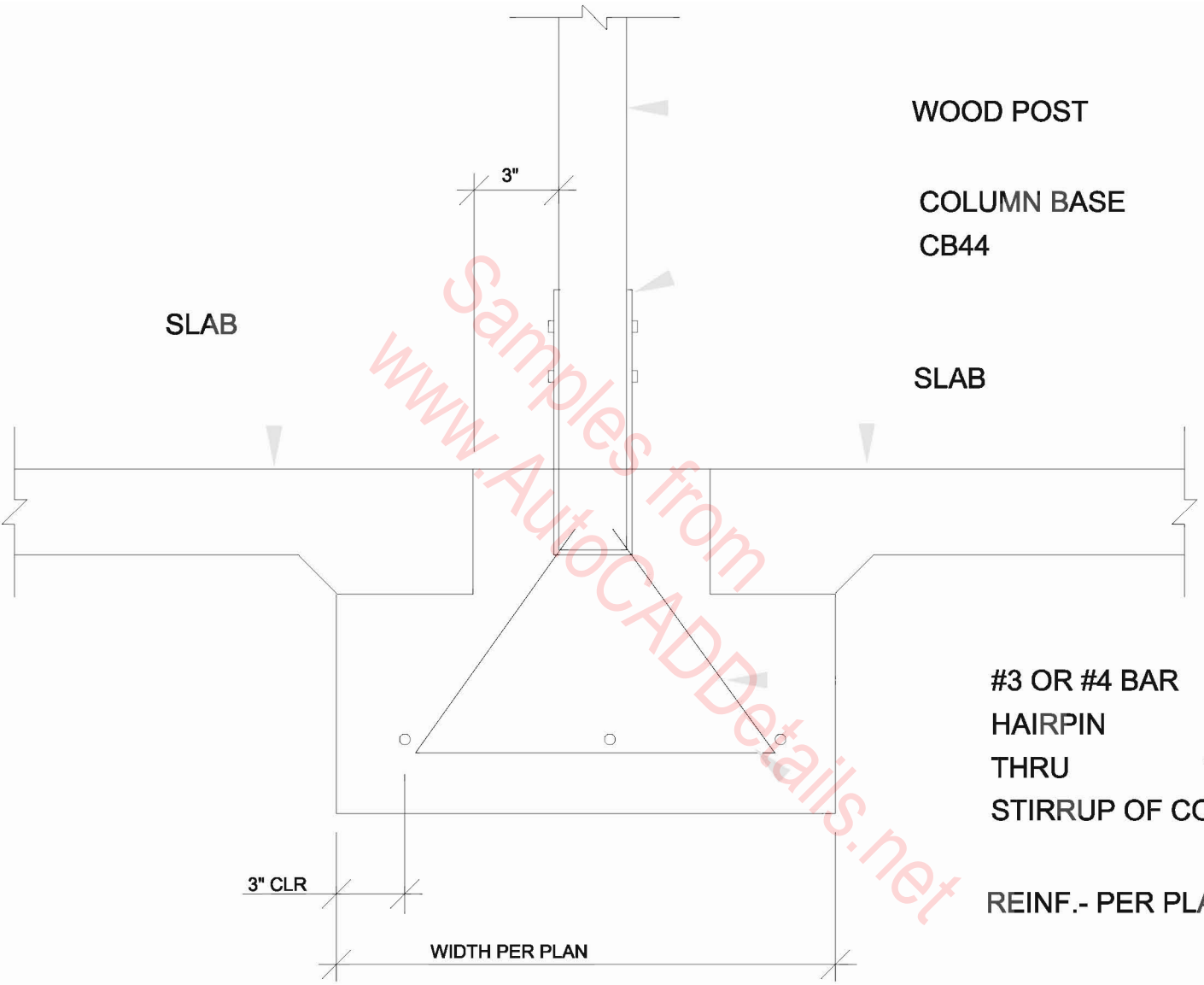
Samples from
www.AutoCADDetails.net

CMU WALL/DRAG STRUT DETAIL



Samples from
www.AutoCADDetails.net

COLLAR TIE AT RAFTER DETAIL



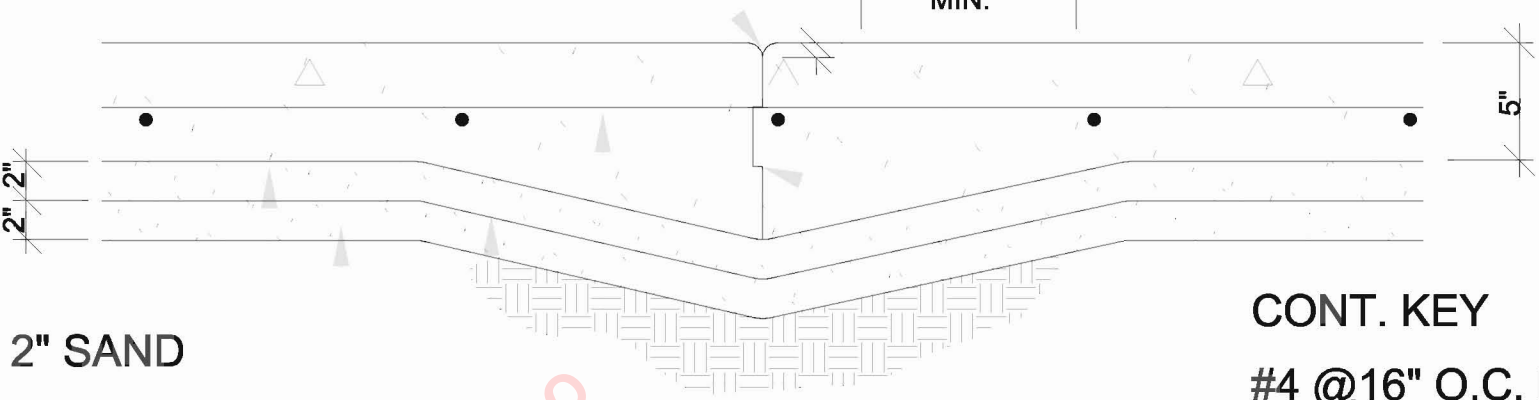
Samples from www.AutoCADDetails.net

COLUMN BASE @ EXT. PAD (CBEP2)

DEEP "V" TOOL JT.

3/4" MIN.

12" LAP MIN.



2" SAND

2" SAND OR GRAVEL

CONT. KEY

#4 @16" O.C. E.W. @ CTR OF SLAB

6 MIL VAPOR BARRIER

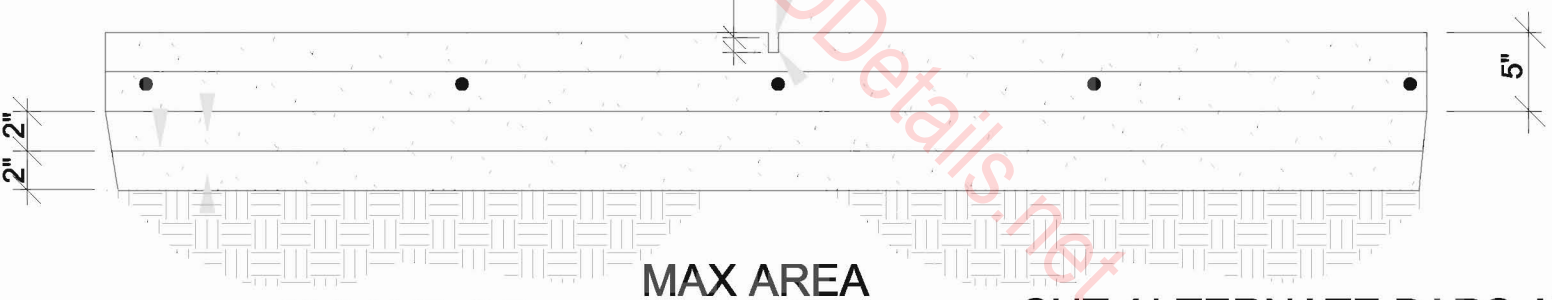
CONSTRUCTION JOINT

6 MIL VAPOR BARRIER

2" SAND

3/4" MIN.

SAW CUT 7 TO 20 HOURS AFTER POURING (PLASTIC STRAPS AS ALTERNATE PERMITTED)



2" SAND OR GRAVEL

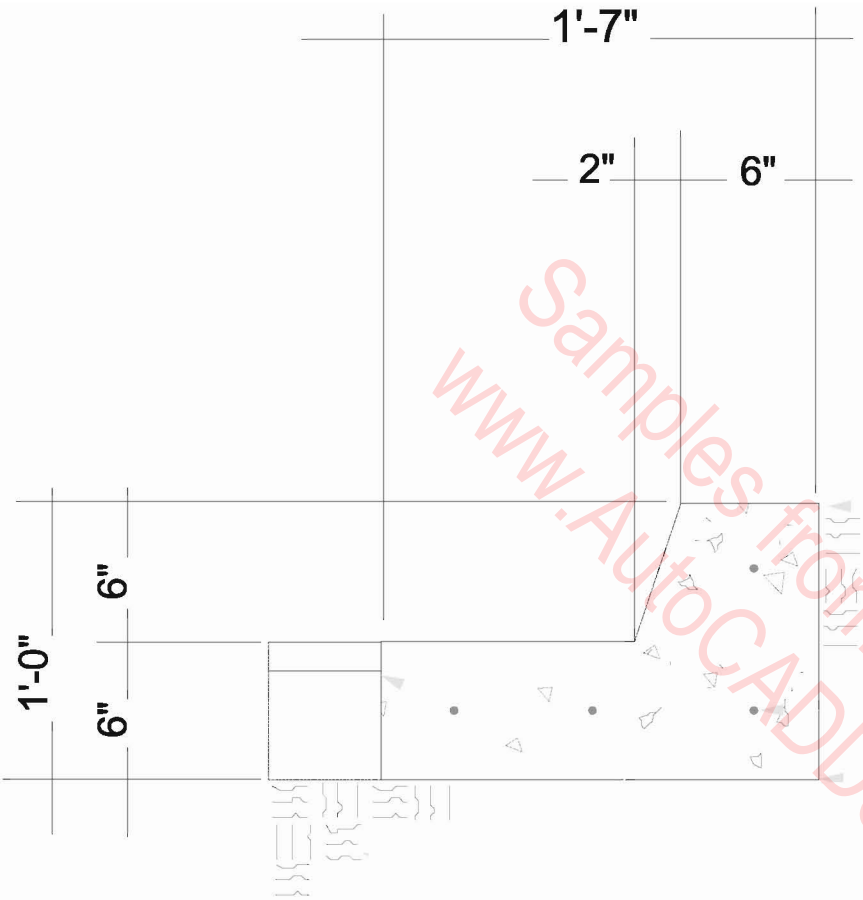
MAX AREA WITHOUT JOINT: 900 S.F.

CUT ALTERNATE BARS AT CONTROL JOINTS (U.N.O.)

CONTROL JOINT

Sample from www.AutoCADDetails.net

CONC. SLAB ON GRADE DETAIL (SLAB-1)



FINISH GRADE

REBARS

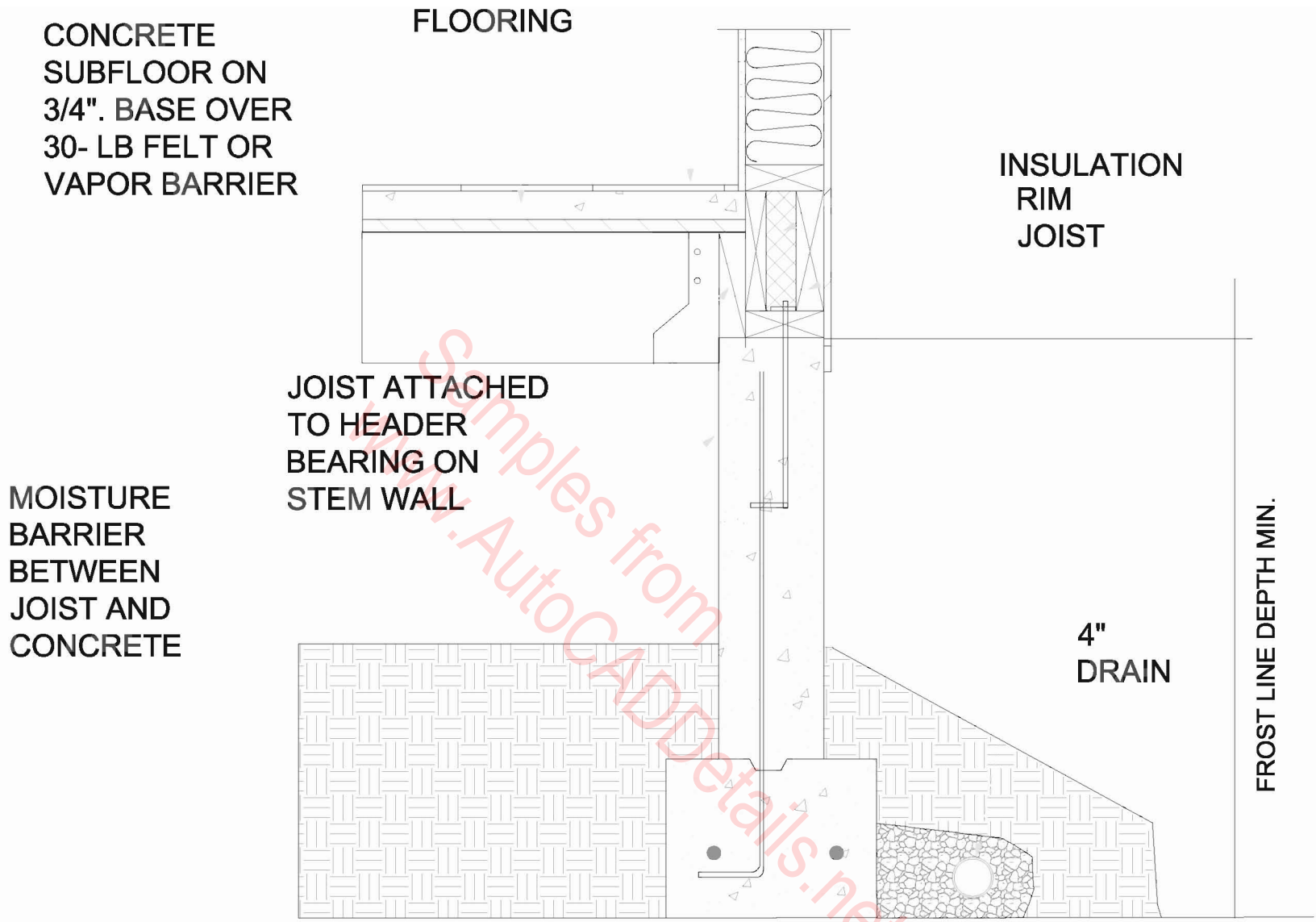
CONCRETE CURB & GUTTER

COMPACTED SUBGRADE

ASPHALTIC CONCRETE PAVING

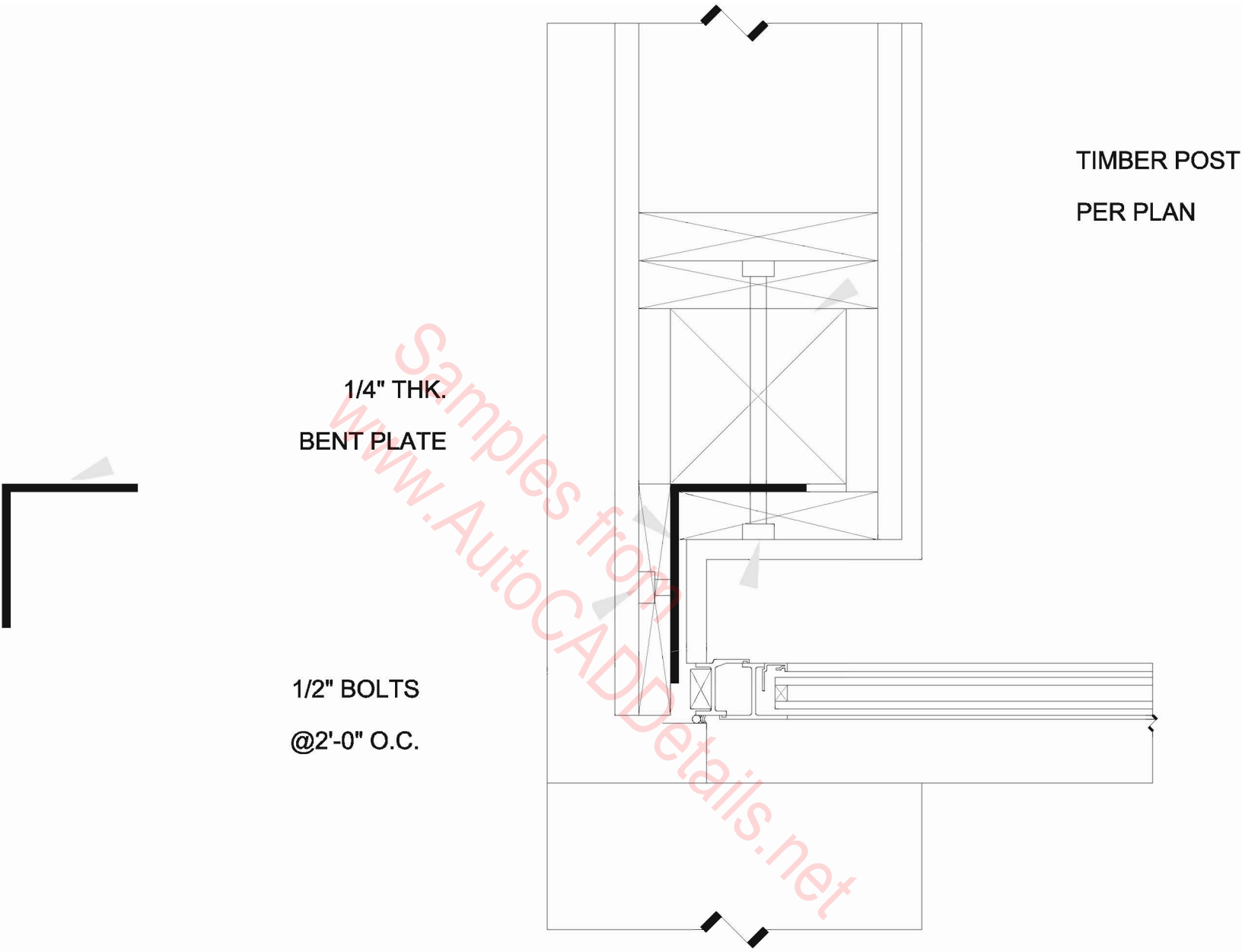
Samples from www.AutoCADDetails.net

CONCRETE CURB & GUTTER



Samples from www.AutoCADDetails.net

CONCRETE SUBFLOOR FULL DEPTH JOISTS DETAIL



Samples from
www.AutoCADDetails.net

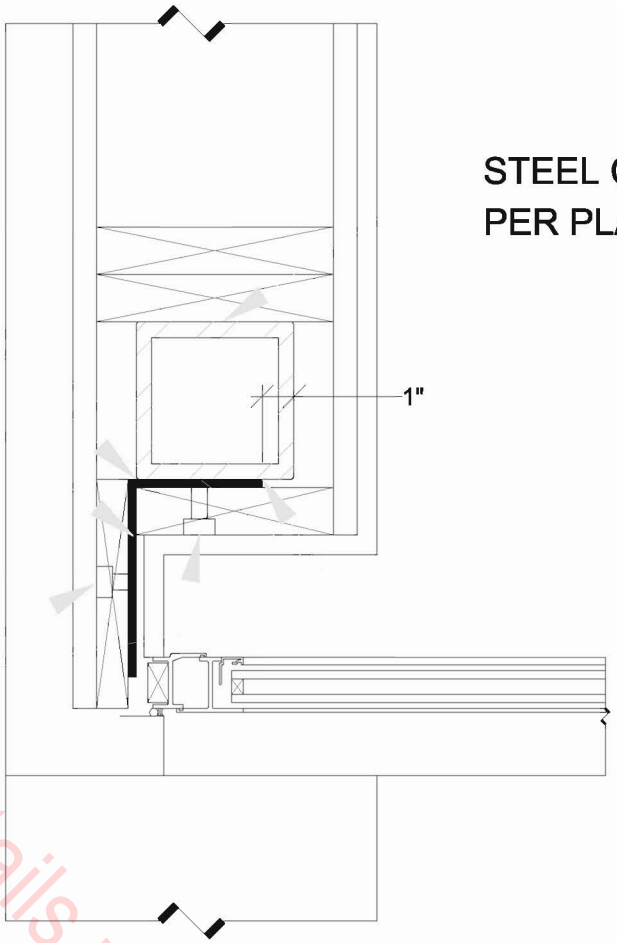
PLAN VIEW

CONNECTION DETAIL

1/4" - 3" LONG @12" O.C.

1/4" THK.
BENT PLATE

1/2" BOLTS
@2'-0" O.C.

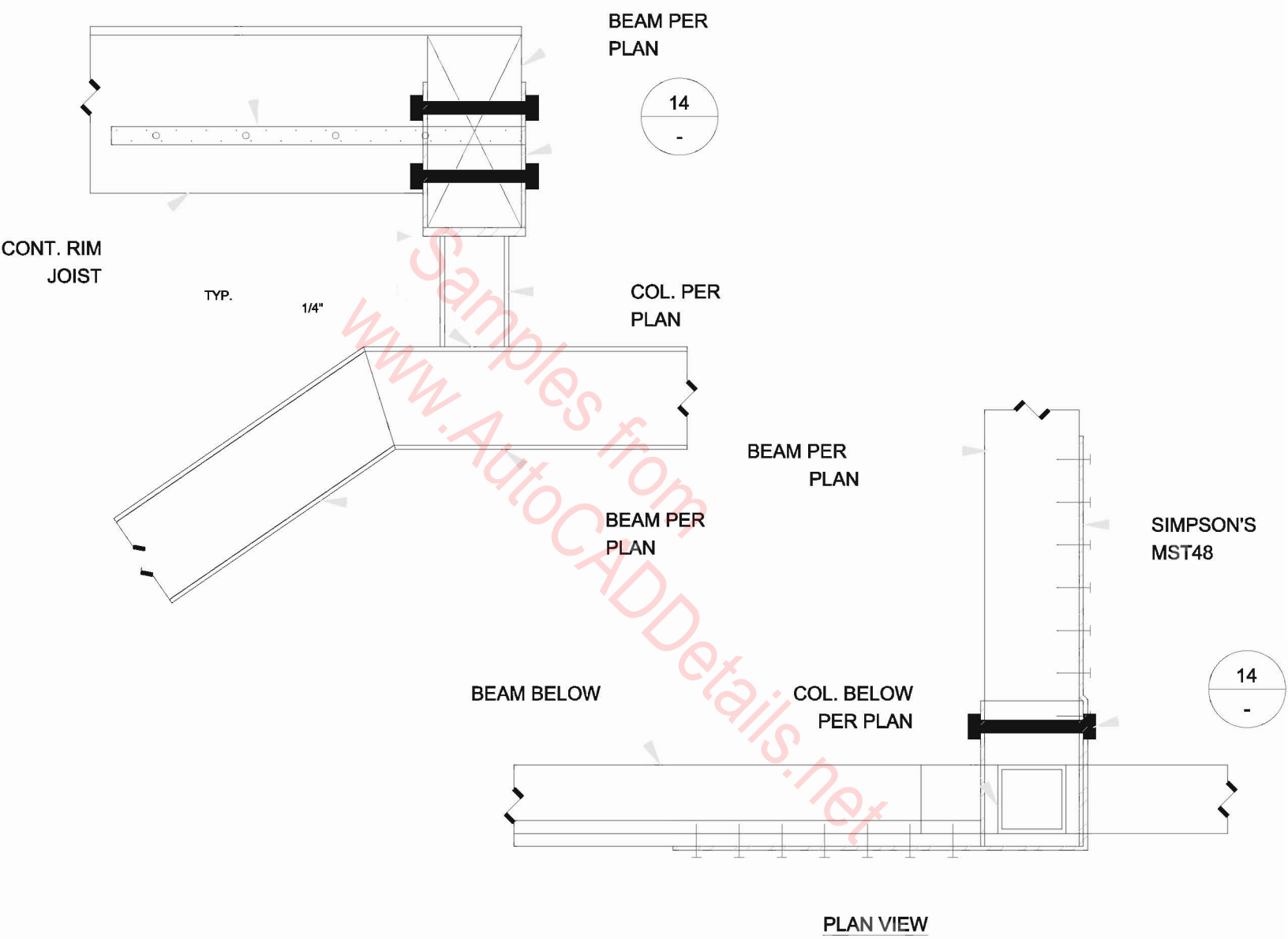


PLAN VIEW

Samples from
www.AutoCADDetails.net

CONNECTION DETAIL

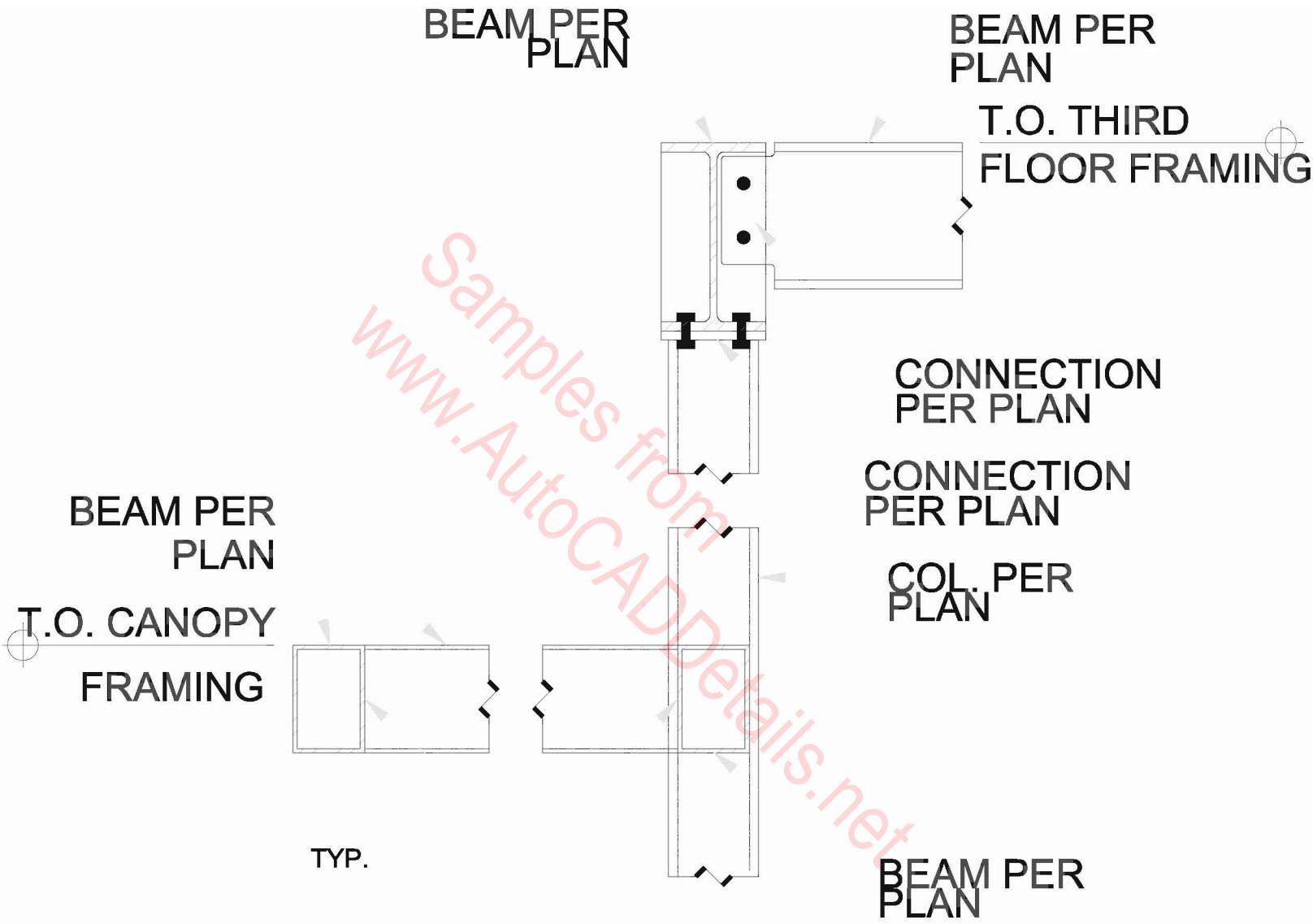
SIMPSON'S MST48



PLAN VIEW

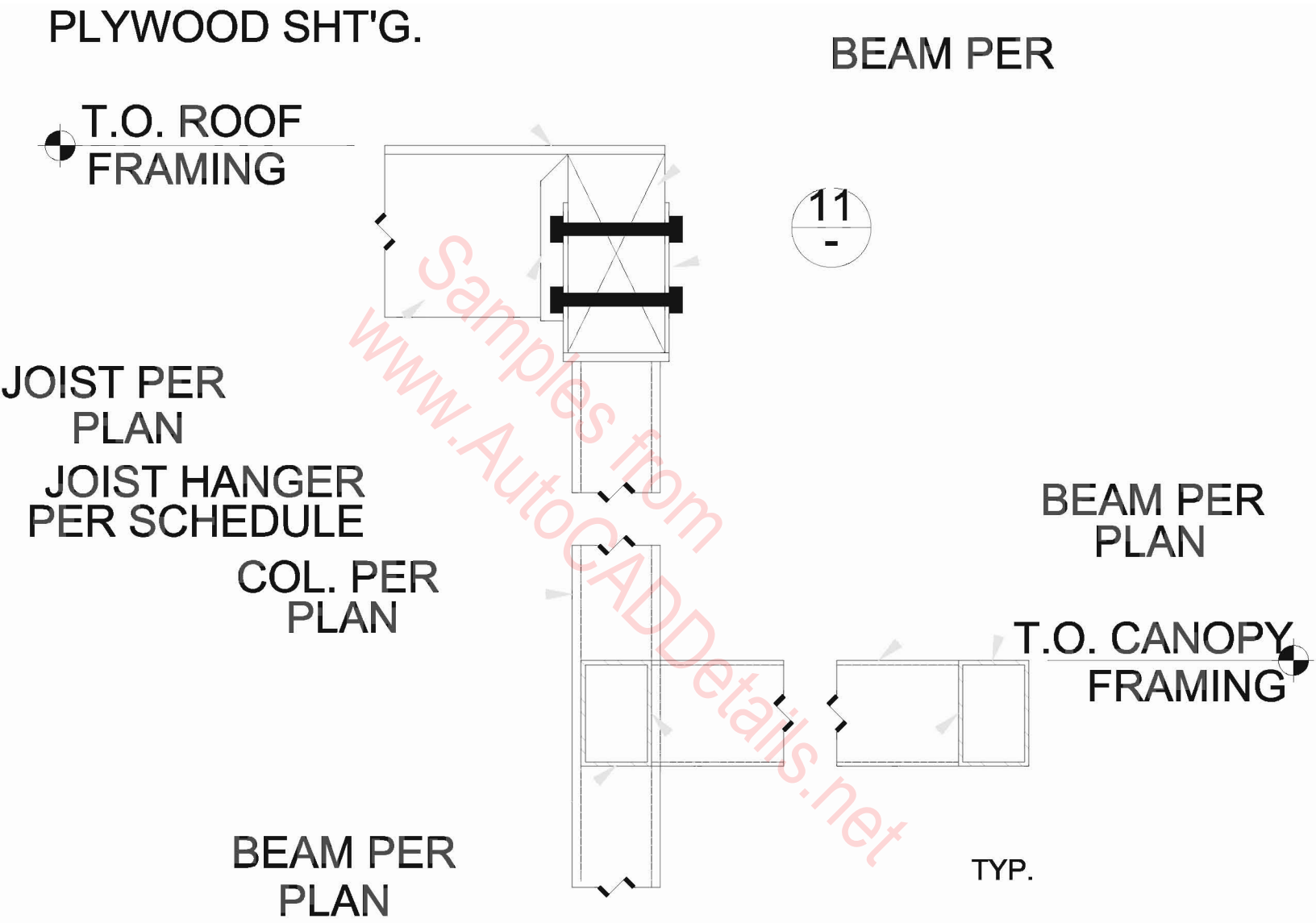
CONNECTION DETAIL

Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

CONNECTION DETAIL

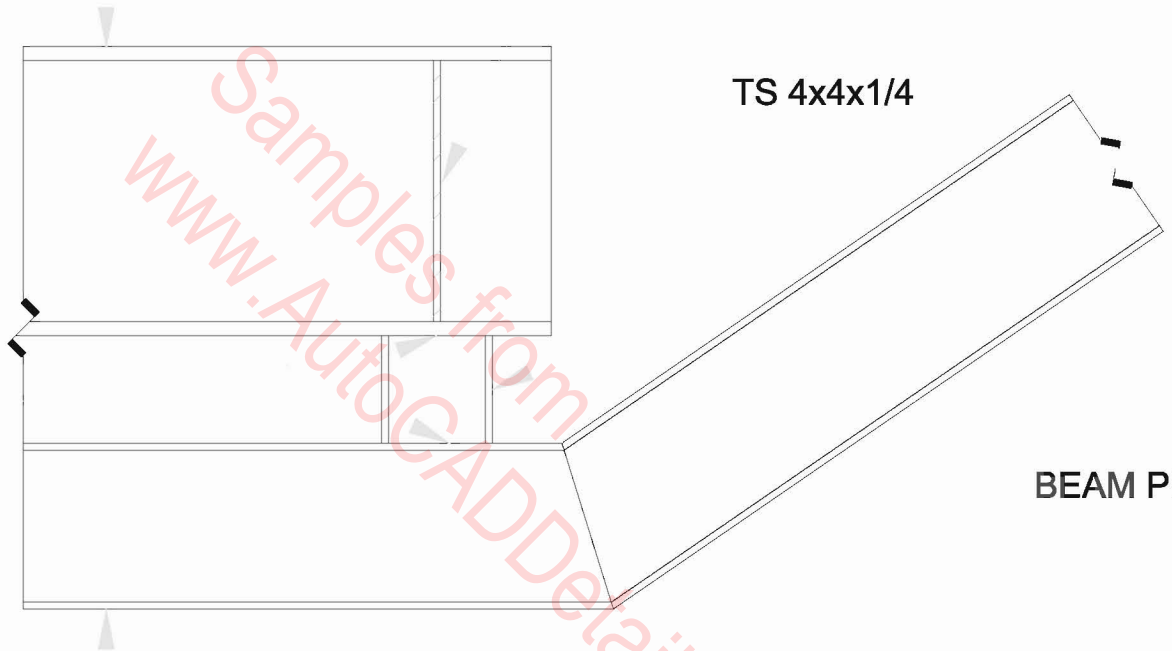


Samples from www.AutoCADDetails.net

CONNECTION DETAIL

BEAM PER PLAN

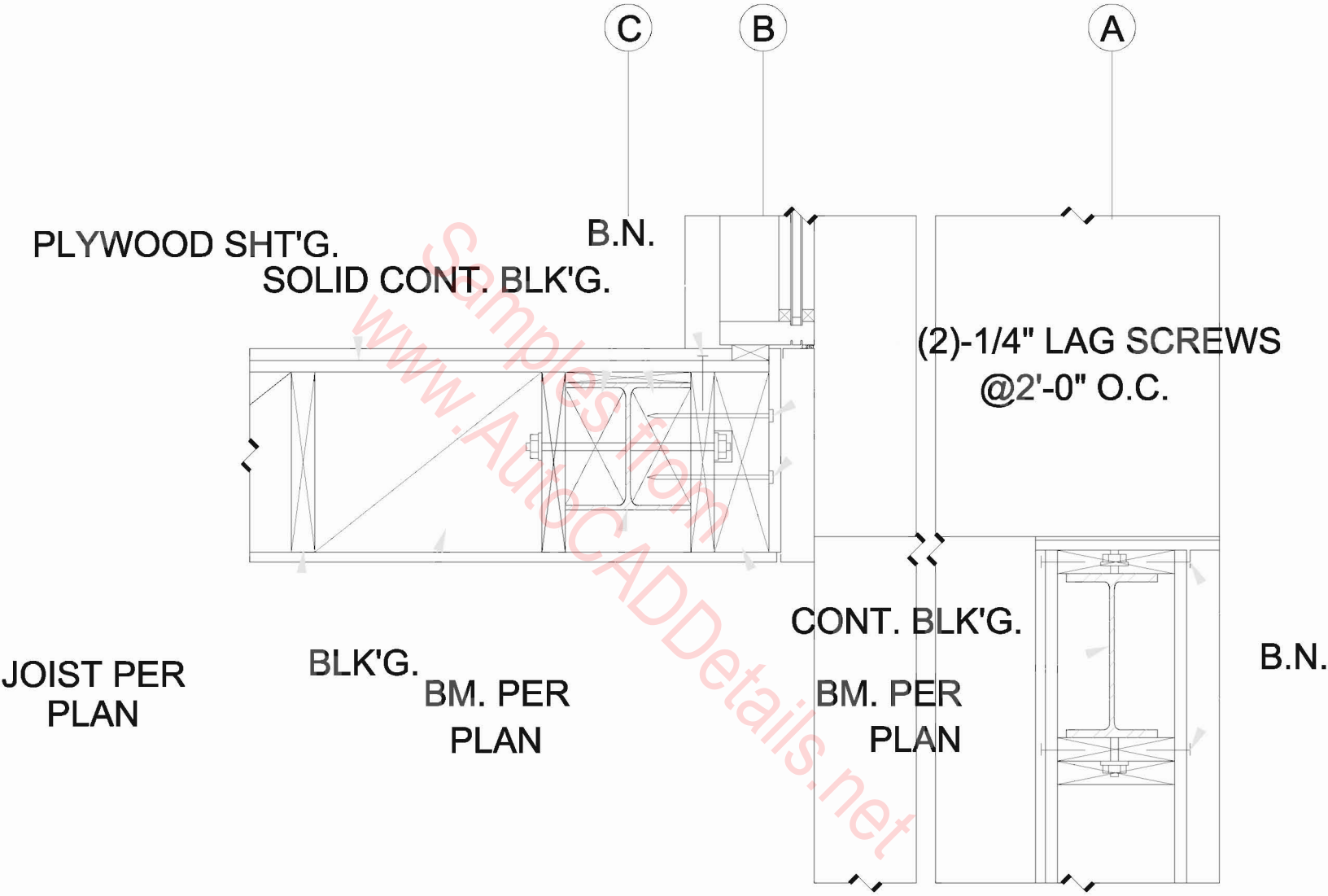
1/2" THK. STIFFNER PL.
N.&F. SIDE



BEAM PER PLAN

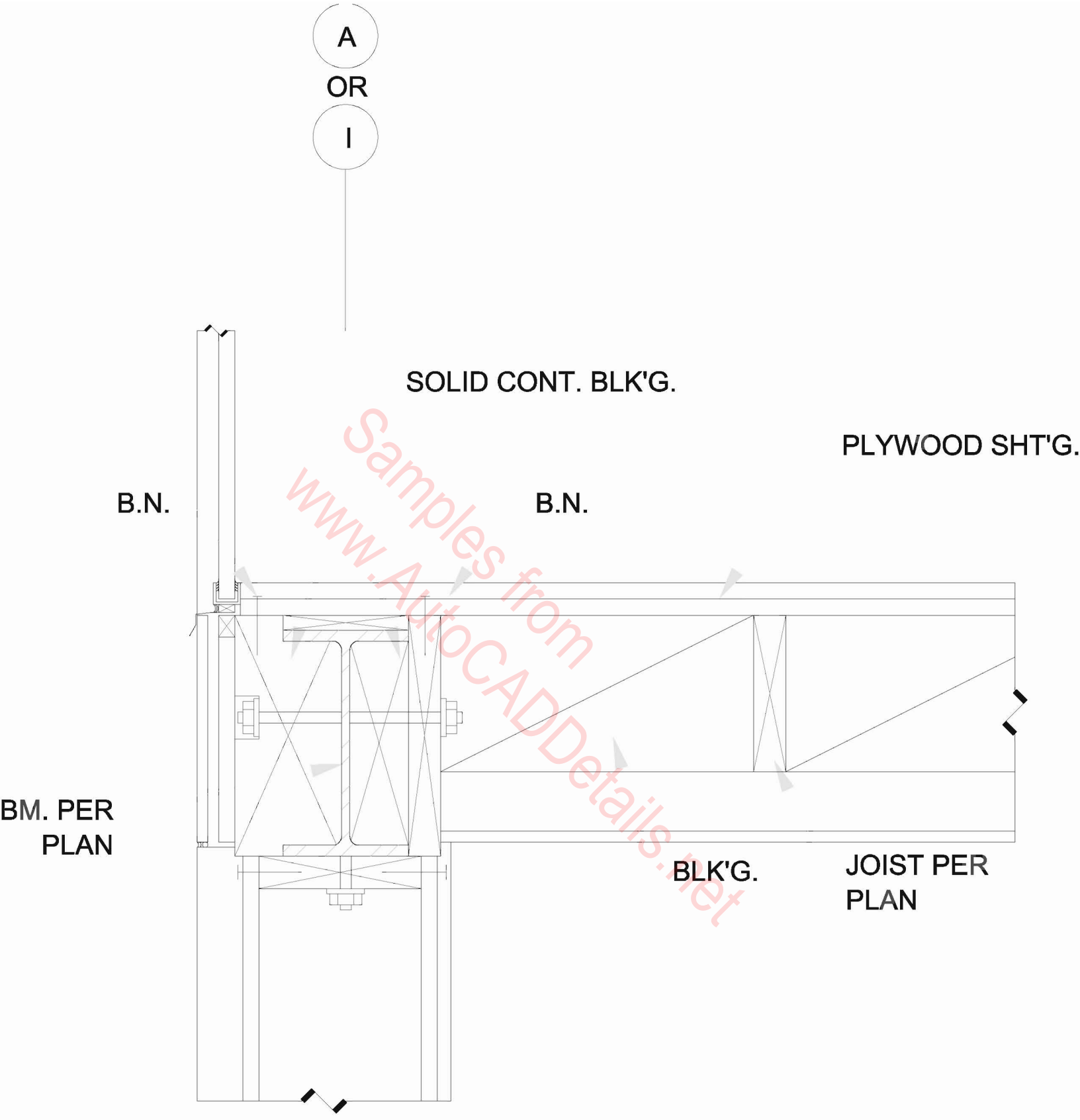
Samples from
www.AutoCADDetails.net

CONNECTION DETAIL



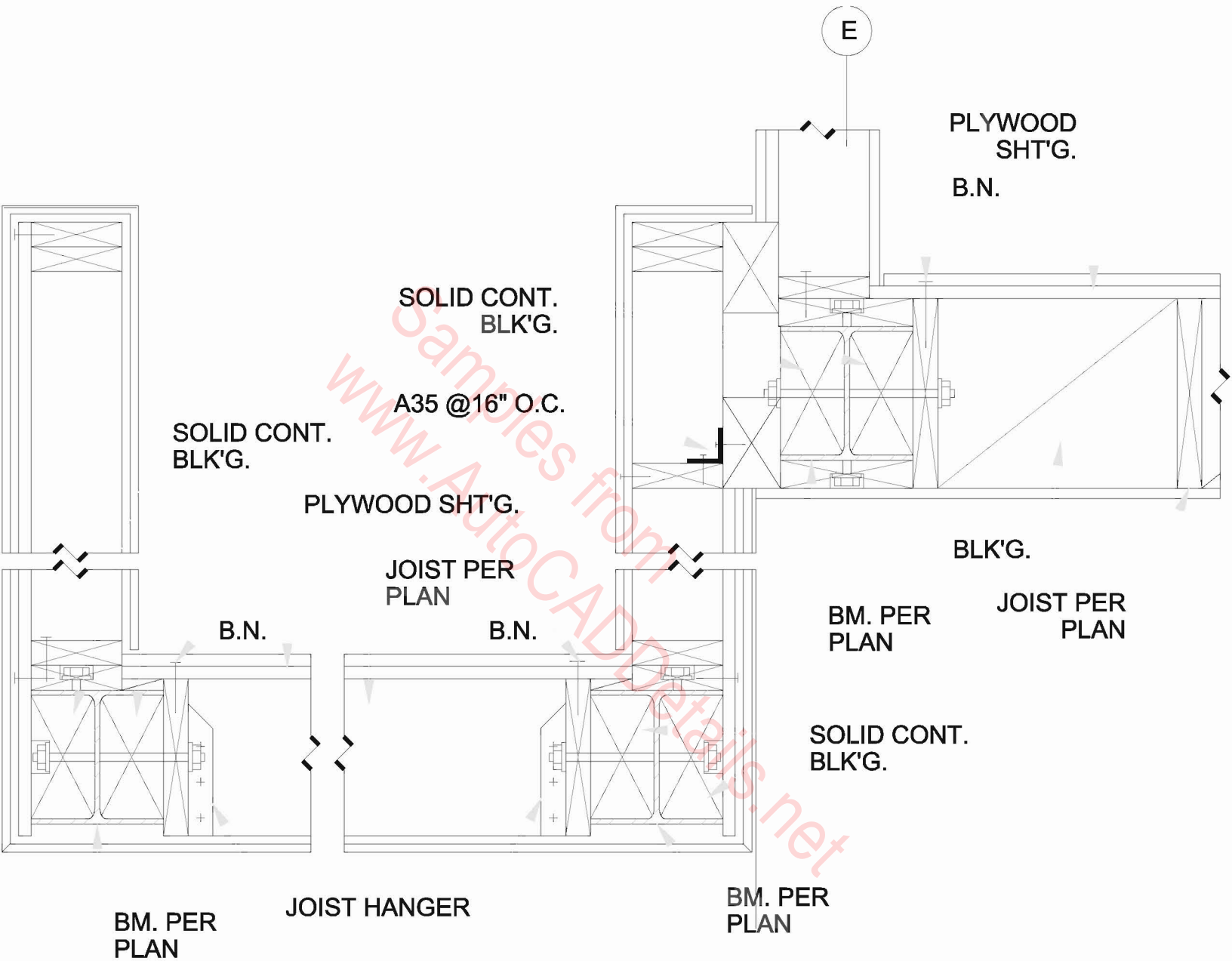
Samples from
www.AutoCADDetails.net

CONNECTION DETAIL



Samples from
www.AutoCADDetails.net

CONNECTION DETAIL

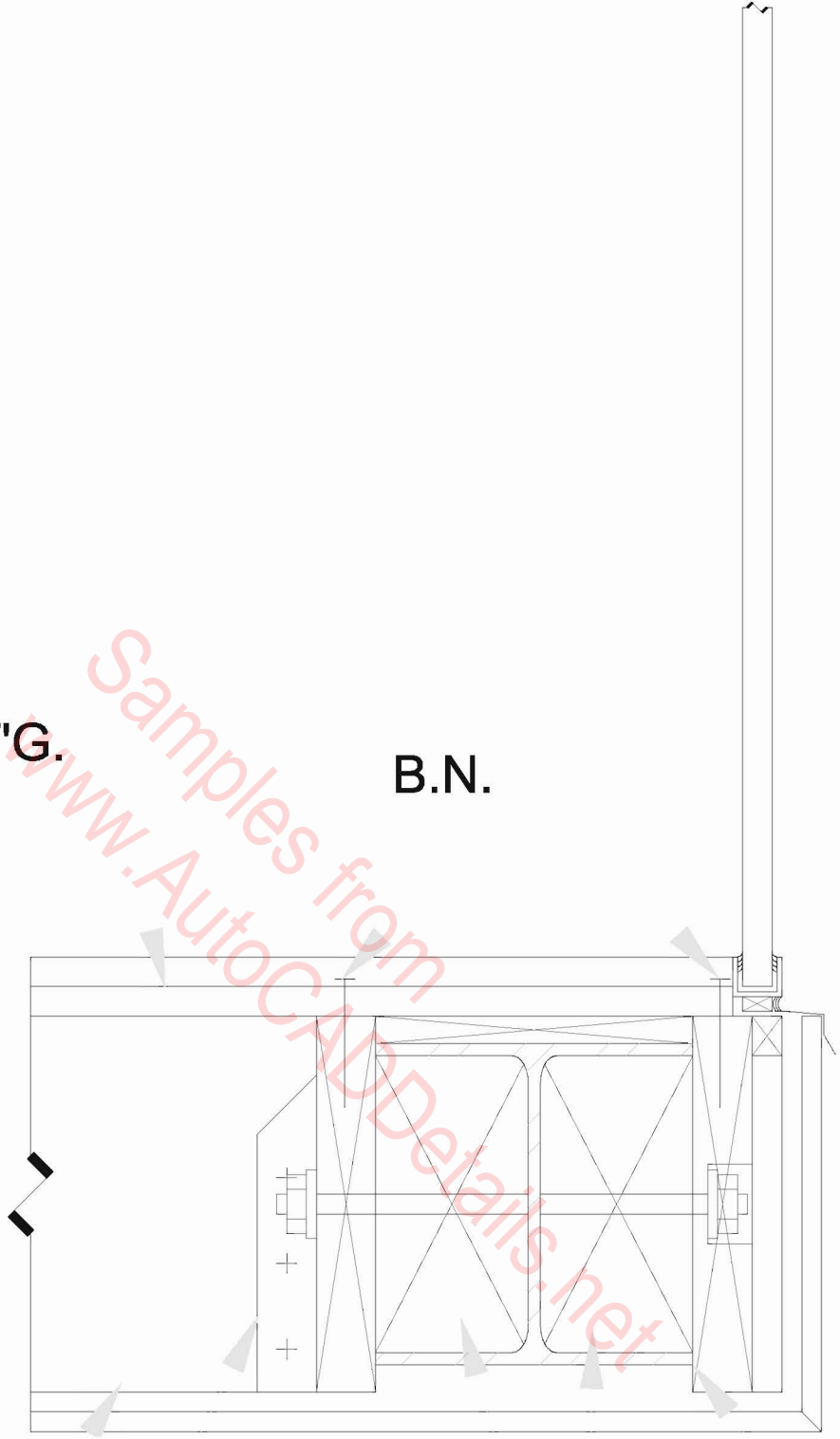


Samples from www.AutoCADDetails.net

CONNECTION DETAIL

PLYWOOD SHT'G.

B.N.



JOIST PER PLAN

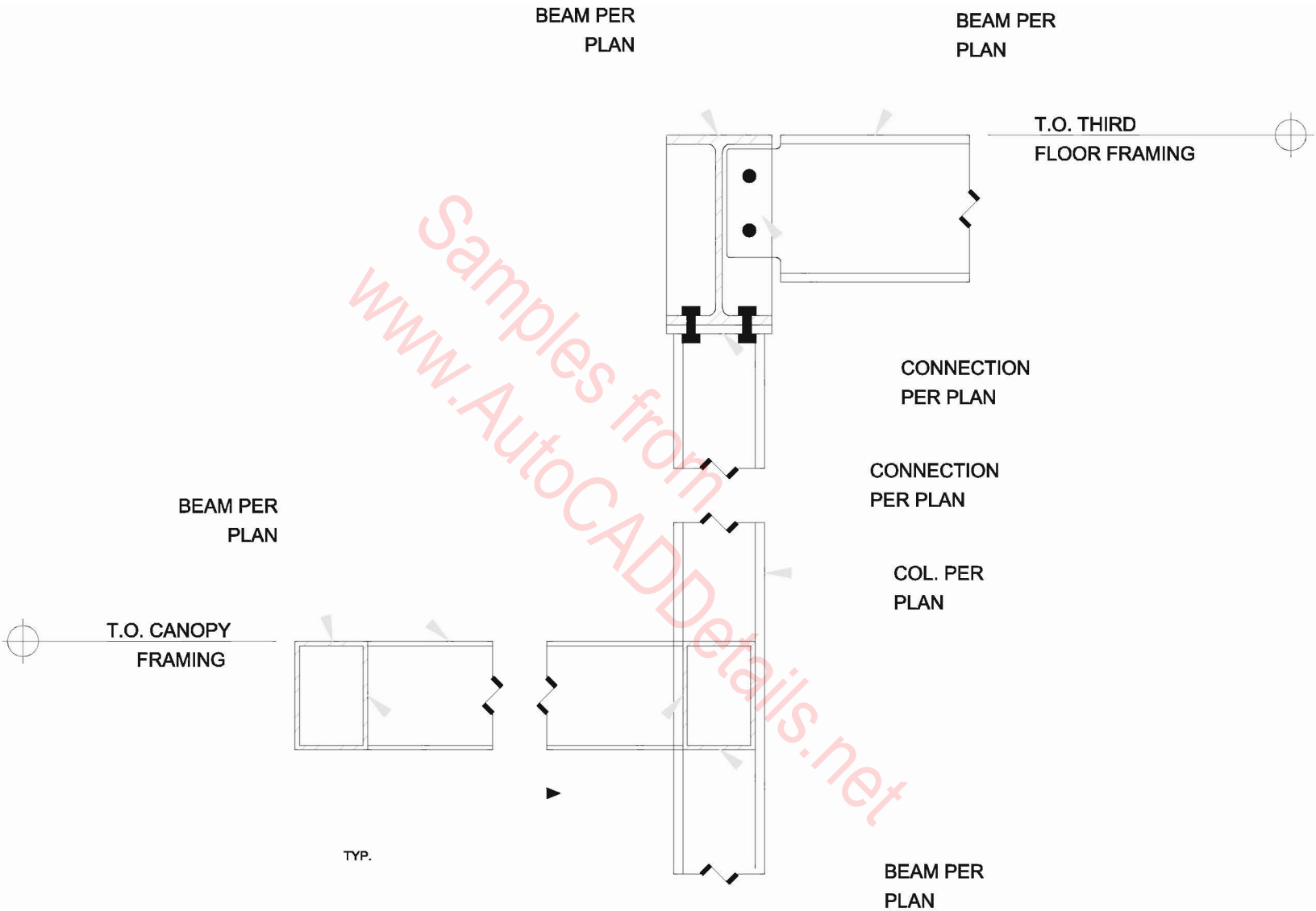
BM. PER PLAN

JOIST HANGER

SOLID CONT. BLK'G.

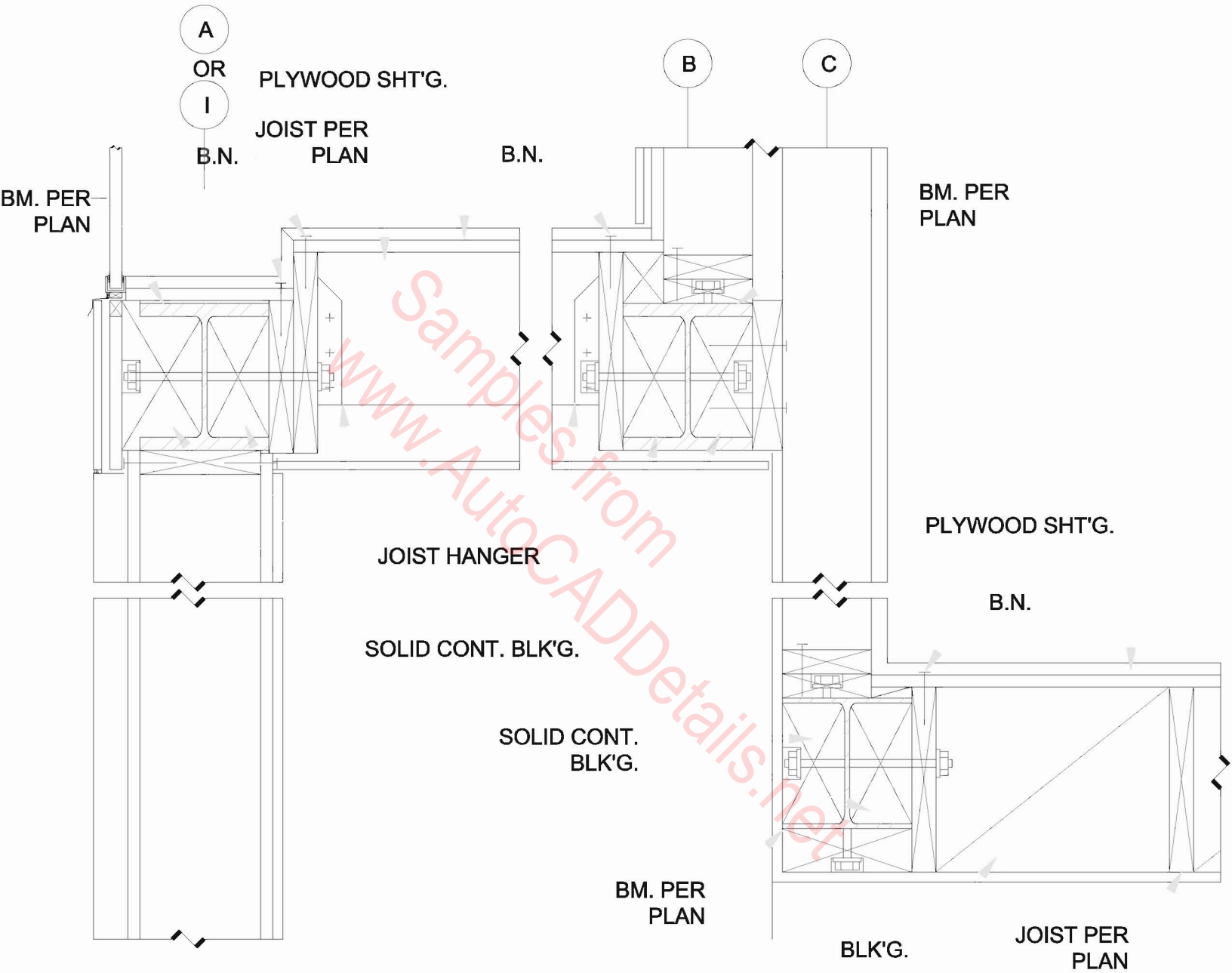
CONNECTION DETAIL

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

CONNECTION DETAIL



Samples from www.AutoCADDetails.net

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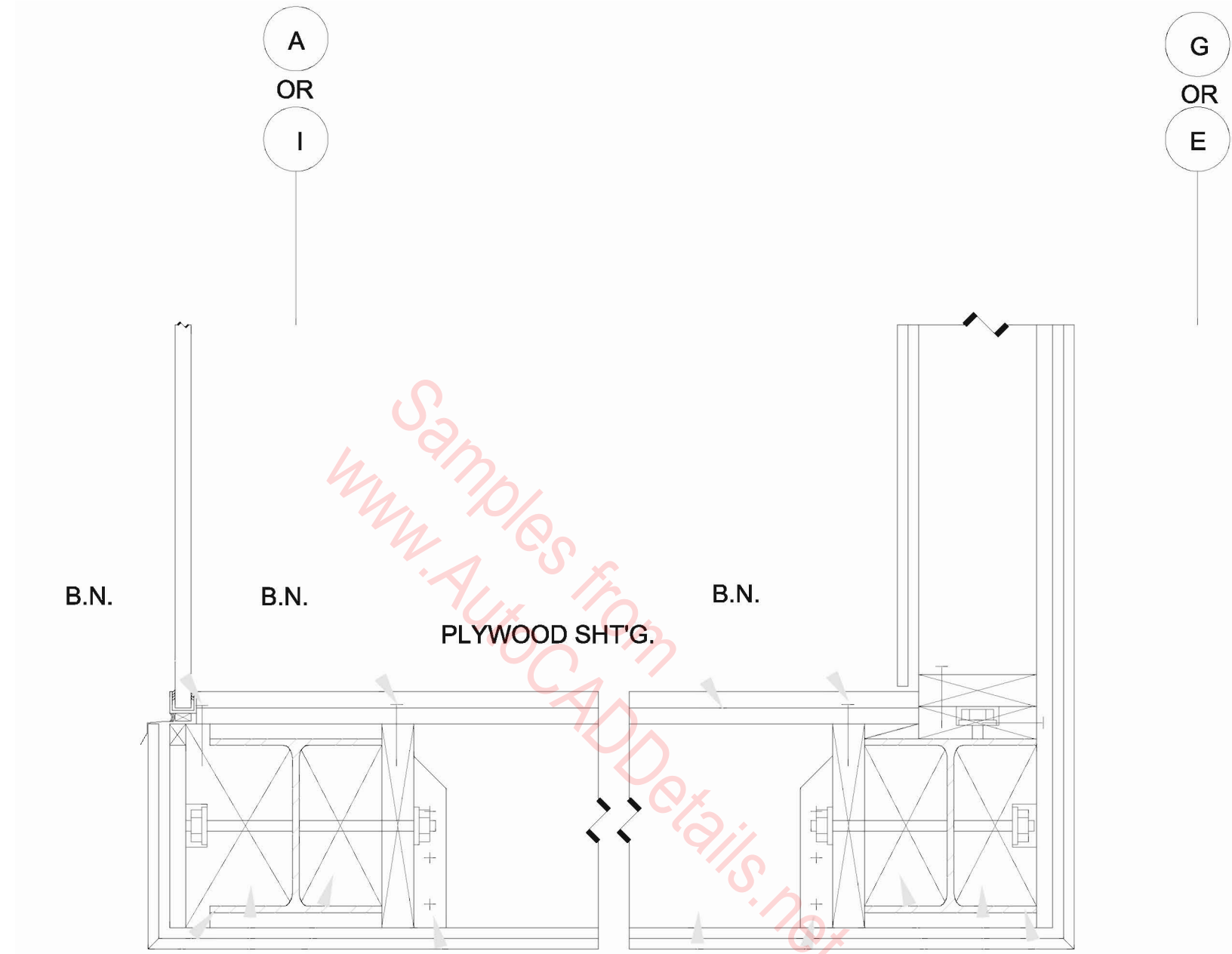
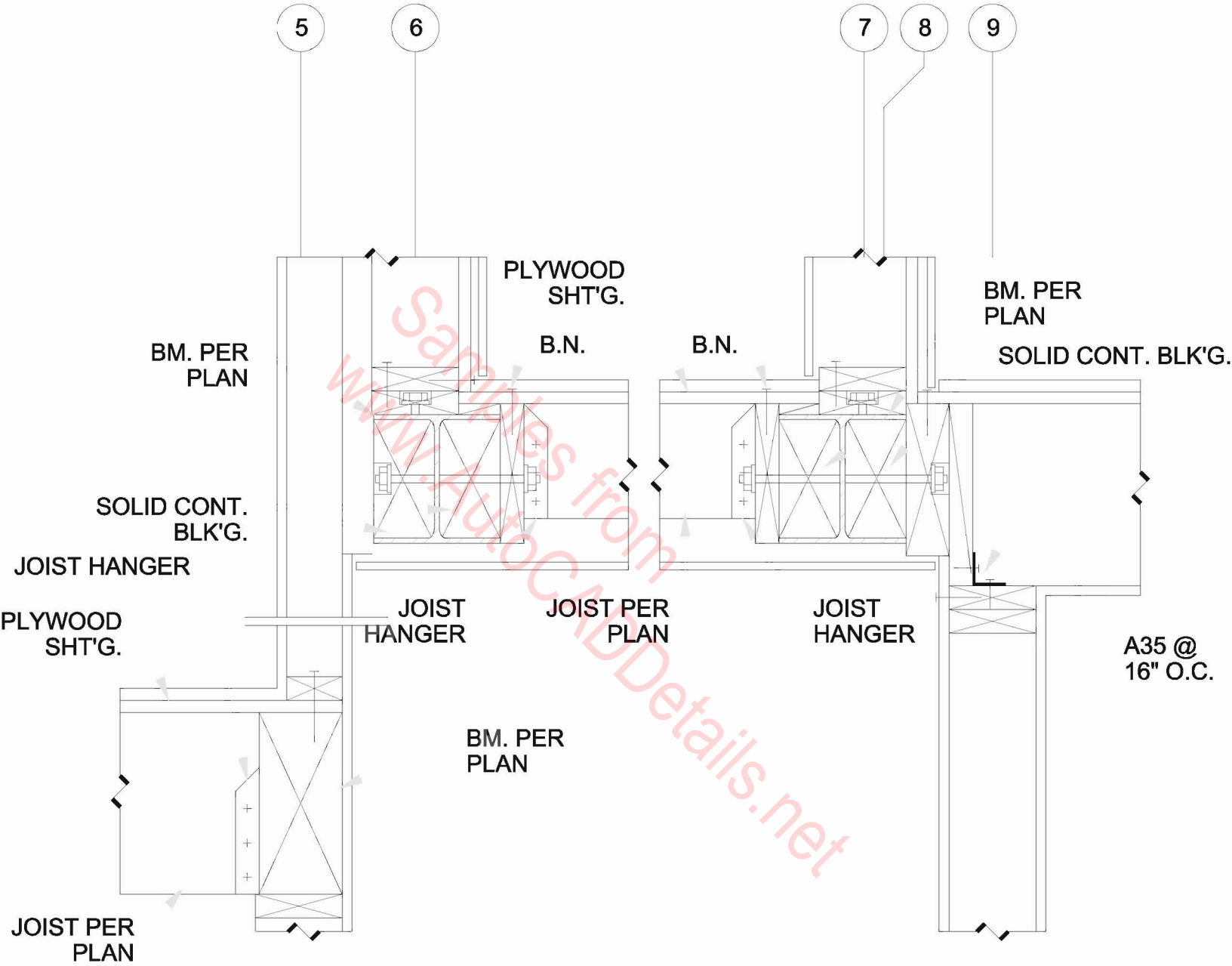


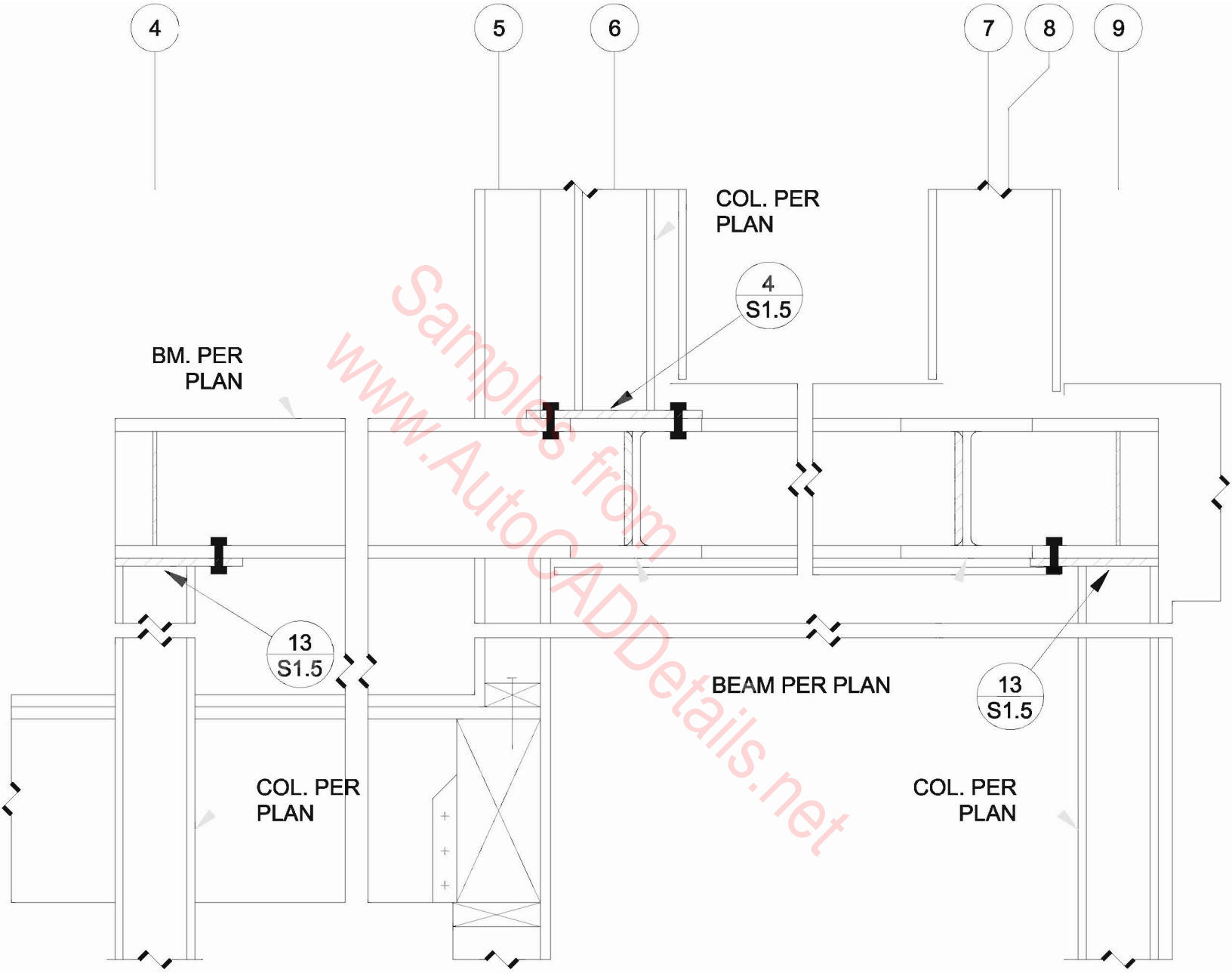
Samples from
www.AutoCADDetails.net

CONNECTION DETAIL



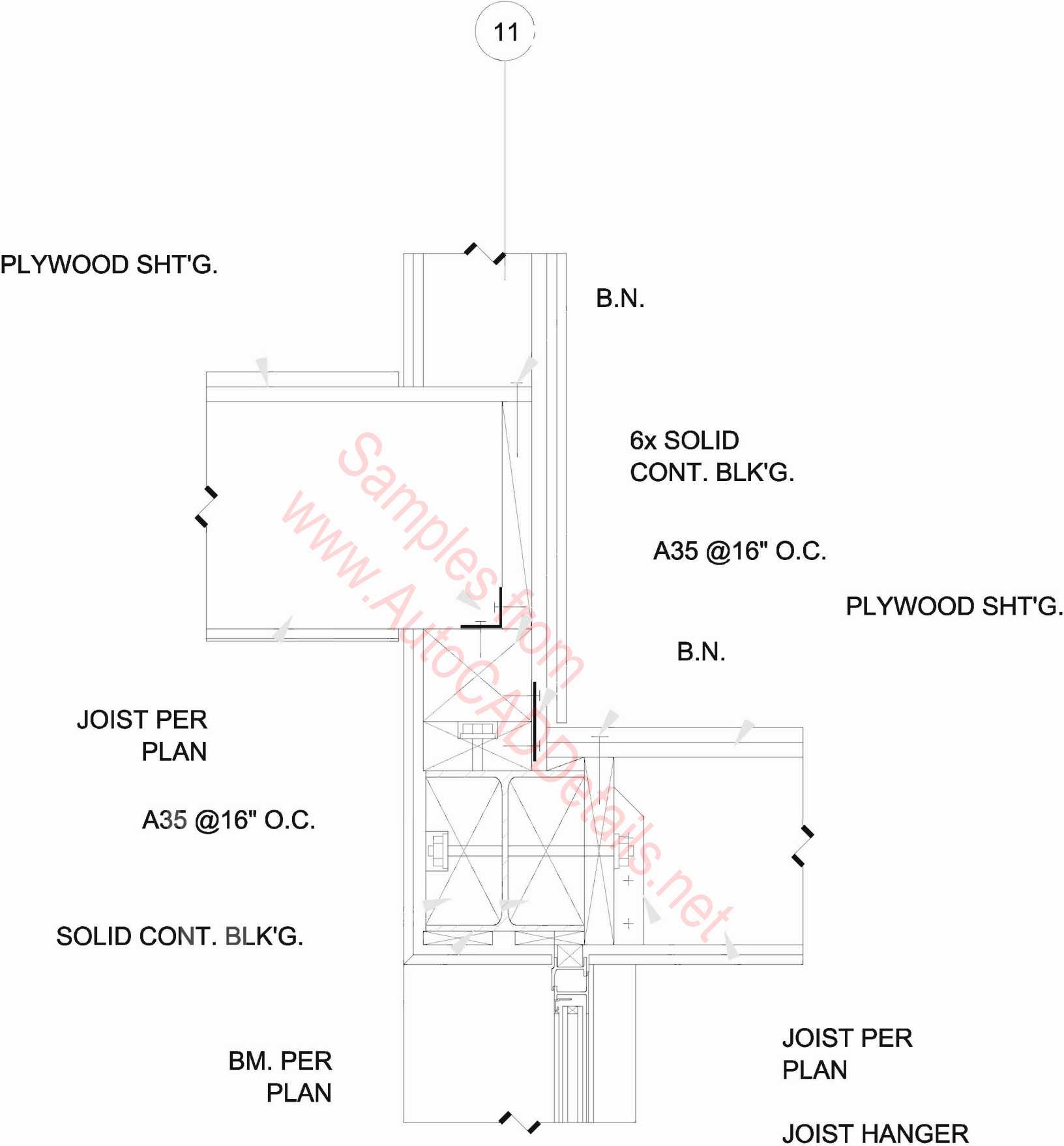
Samples from www.AutoCADDetails.net

CONNECTION DETAIL



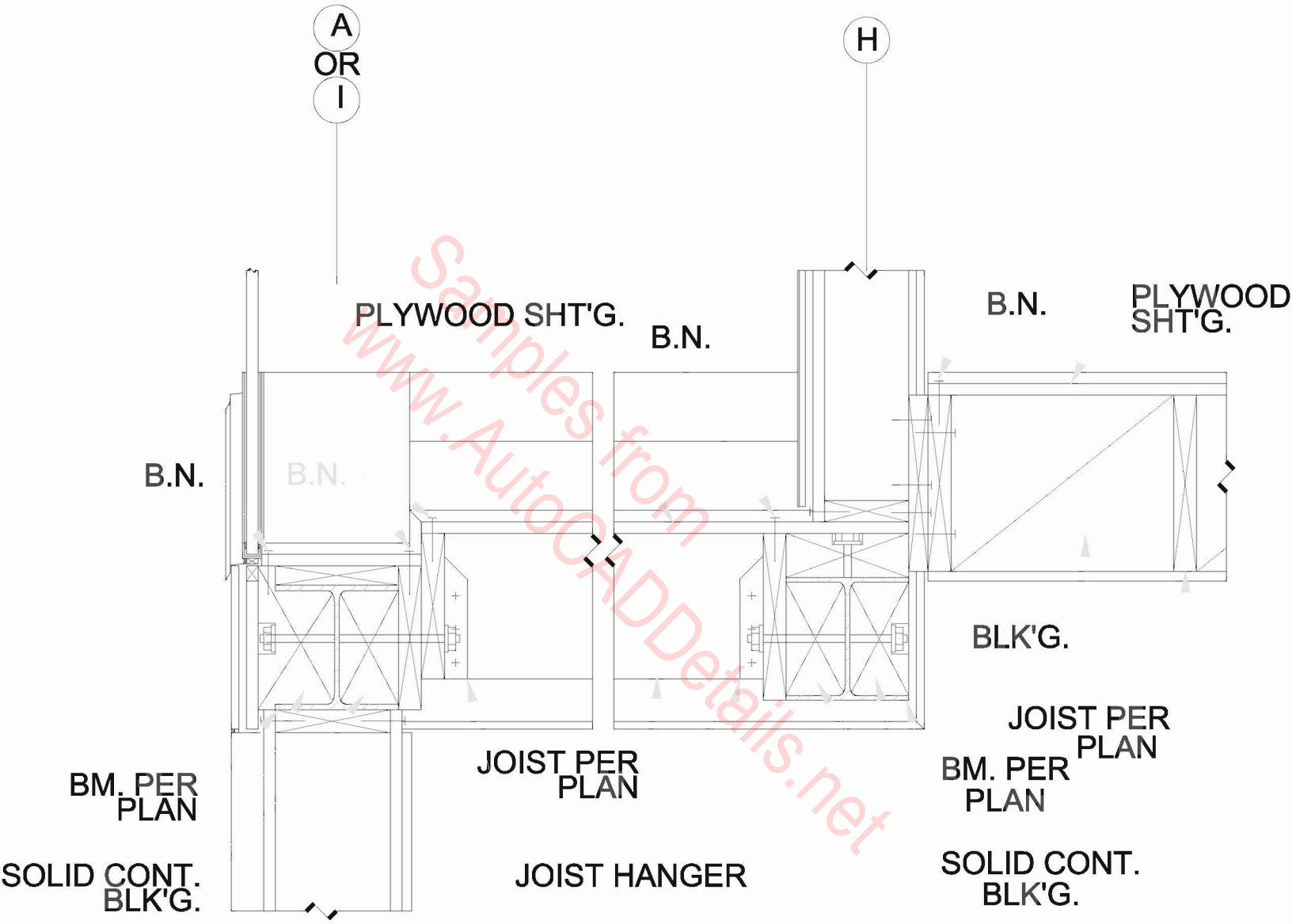
Samples from www.AutoCADDetails.net

CONNECTION DETAIL



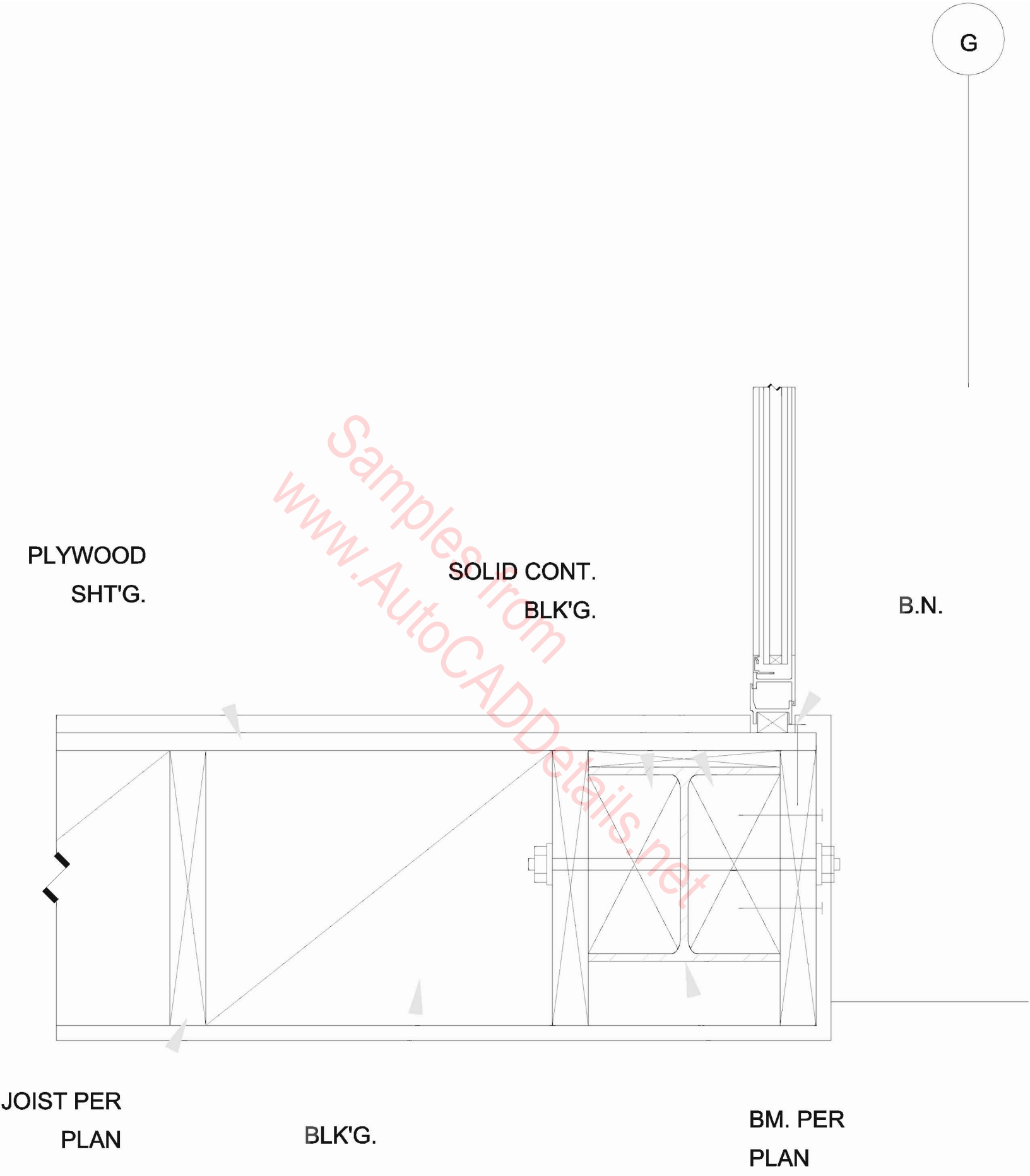
Samples from
www.AutoCADdetails.net

CONNECTION DETAIL



Samples from
www.AutoCADDetails.net

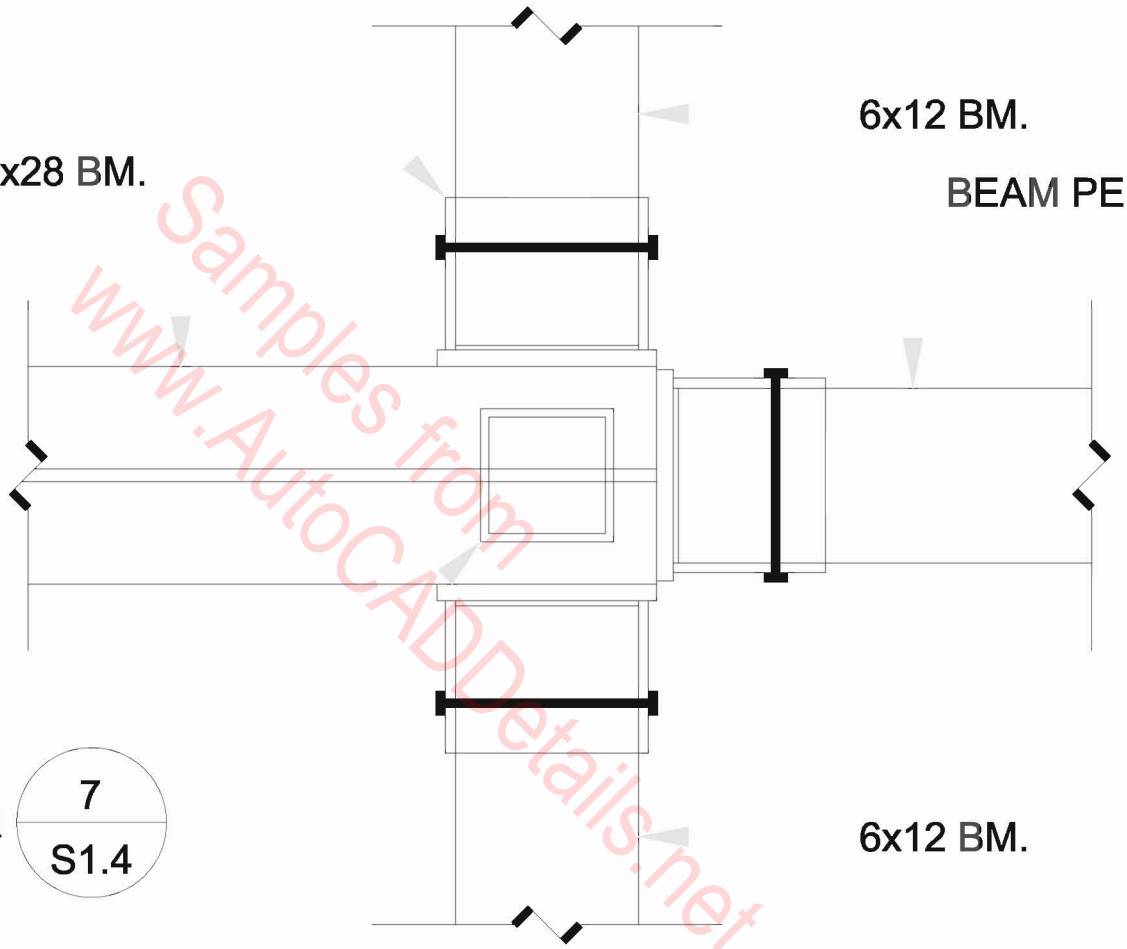
CONNECTION DETAIL



Samples from
www.AutoCADDetails.net

CONNECTION DETAIL

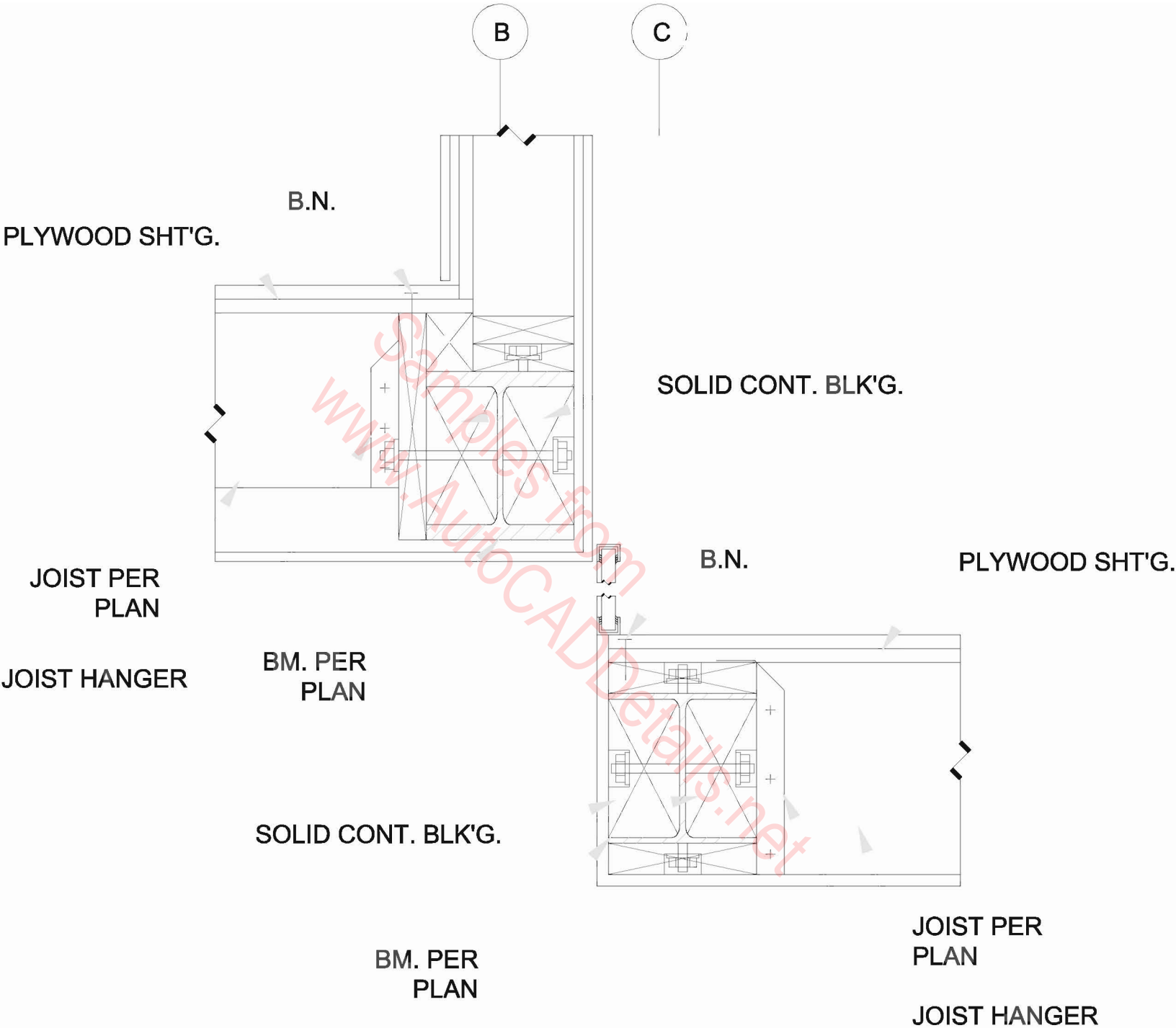
SEE TYP. 9 / S1.5



Samples from www.AutoCADDetails.net

PLAN VIEW

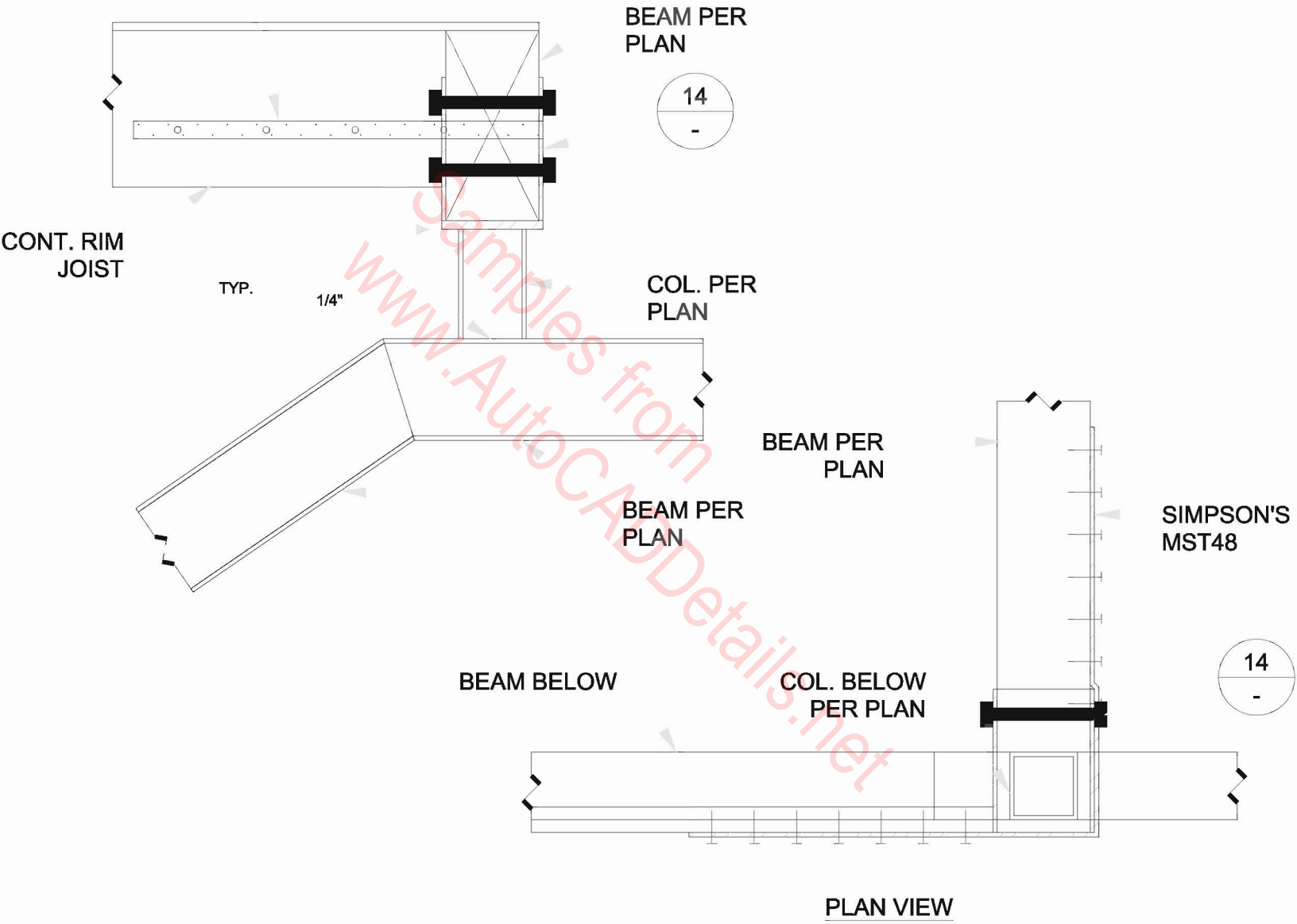
CONNECTION DETAIL



Samples from www.AutoCADDetails.net

CONNECTION DETAIL

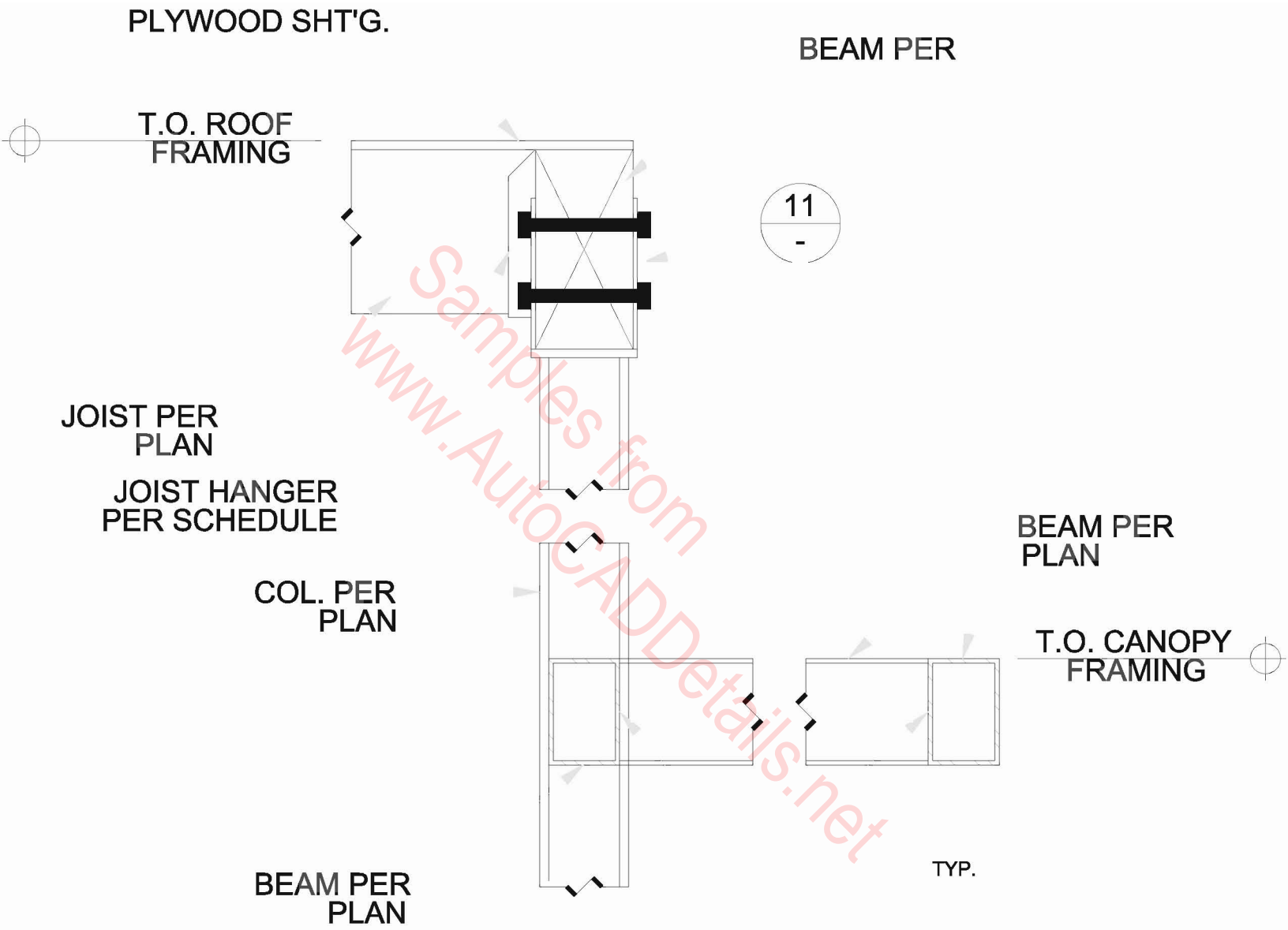
SIMPSON'S MST48



PLAN VIEW

CONNECTION DETAIL

Samples from www.AutoCADDetails.net

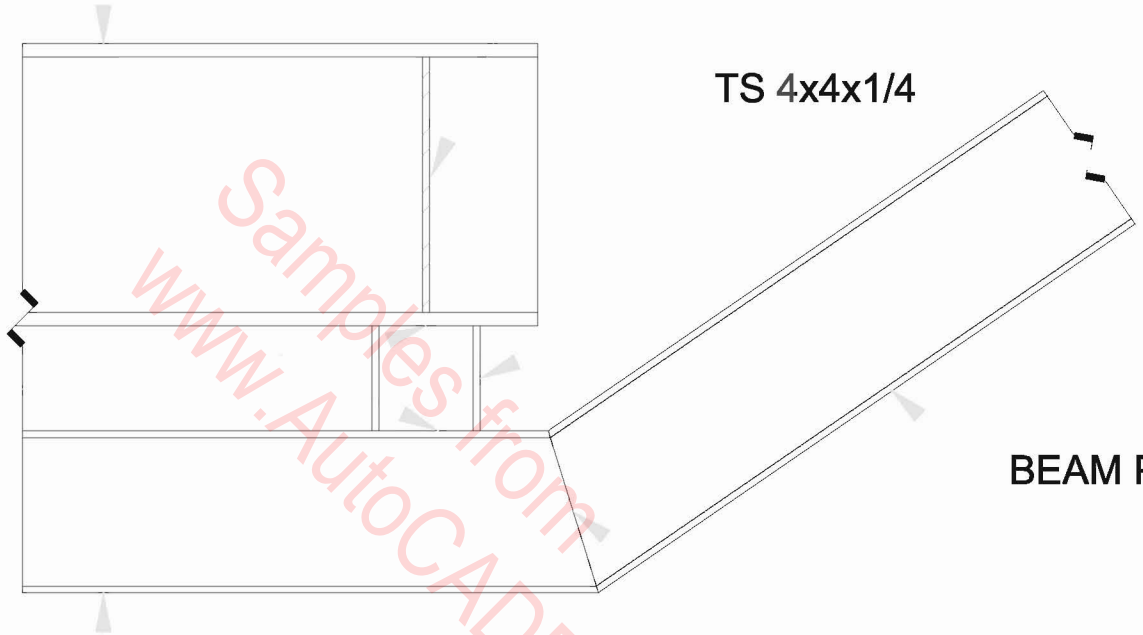


Samples from www.AutoCADDetails.net

CONNECTION DETAIL

BEAM PER PLAN

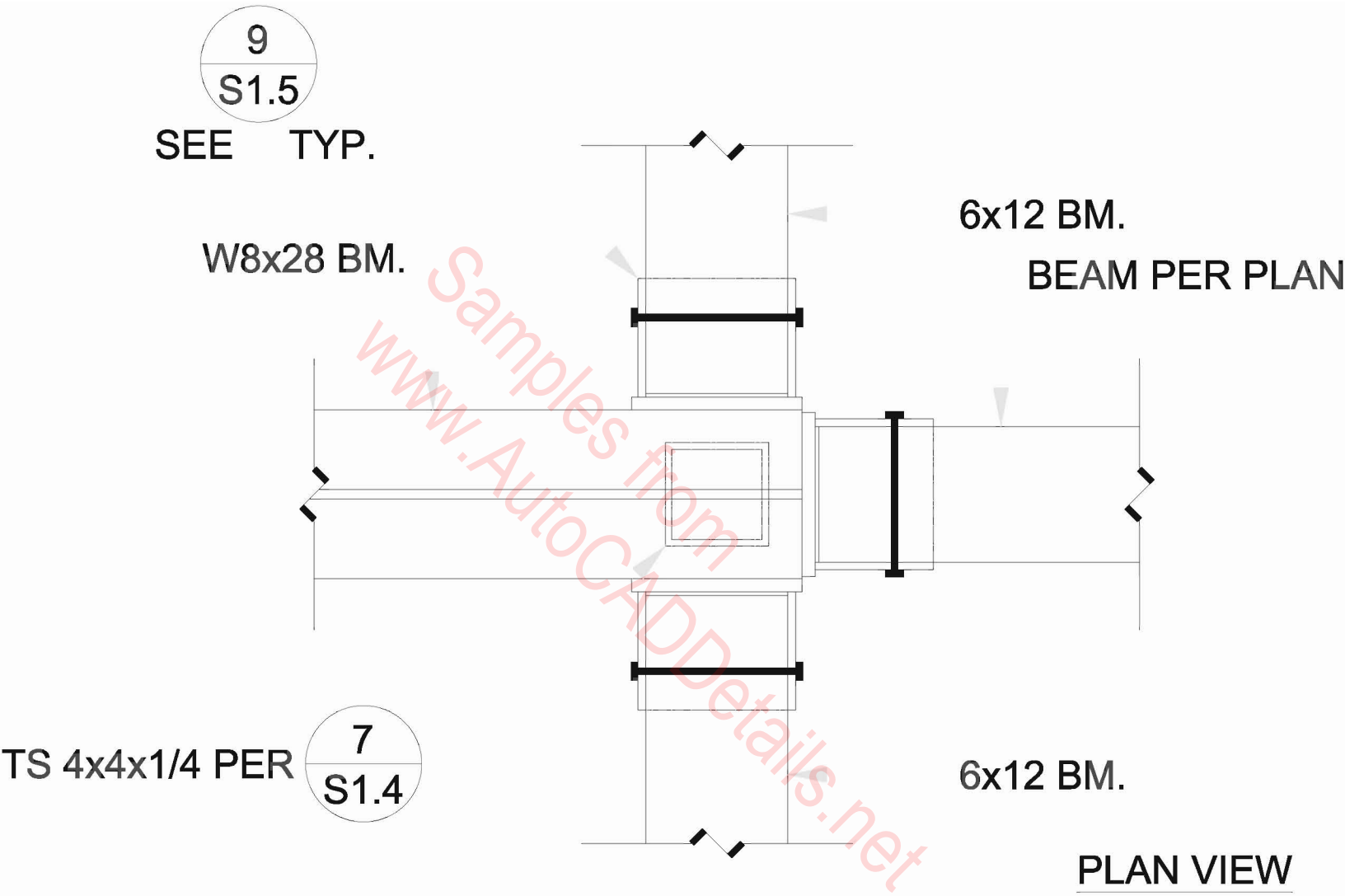
1/2" THK. STIFFNER PL.
N.&F. SIDE



BEAM PER PLAN

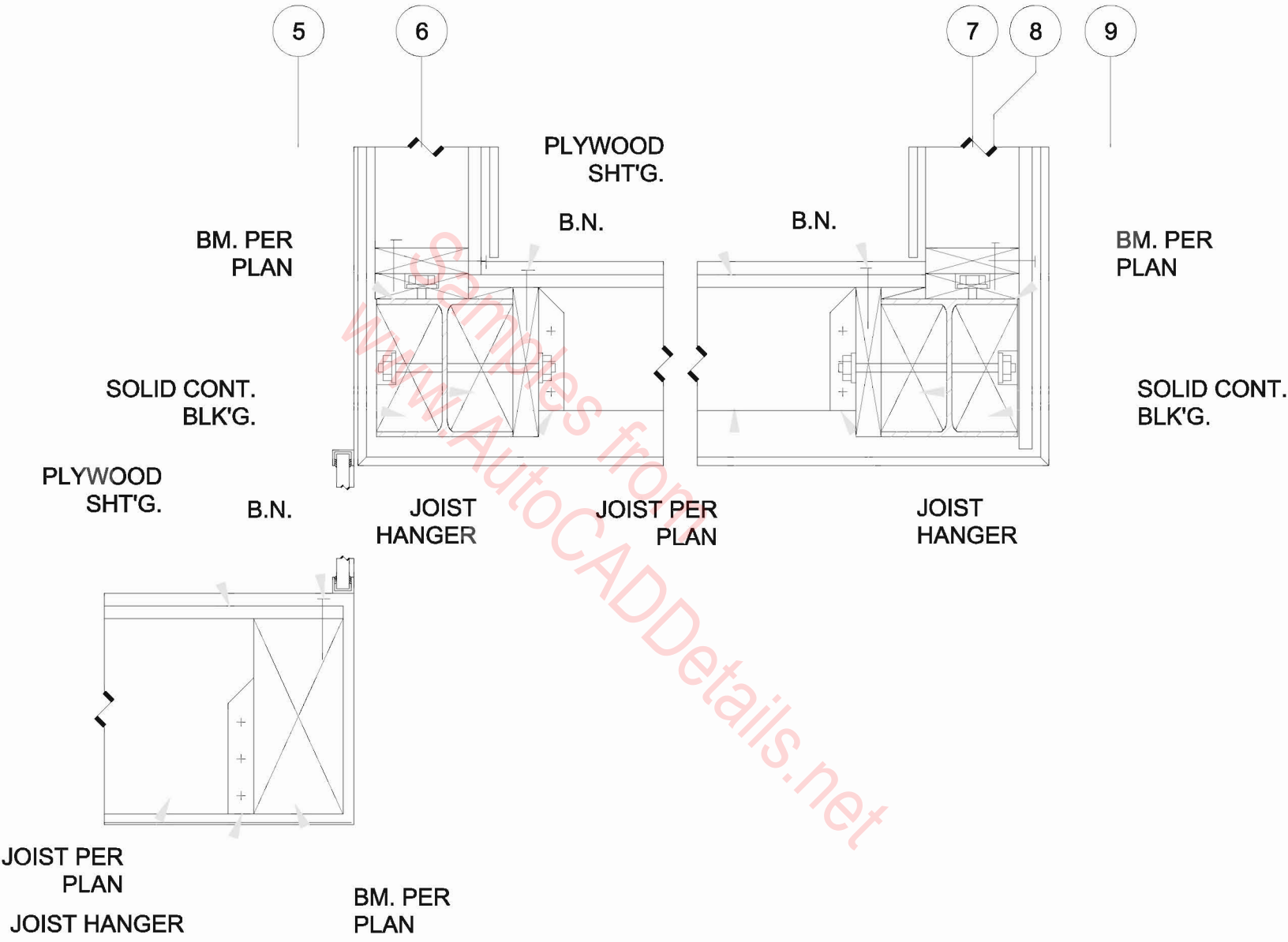
Samples from
www.AutoCADDetails.net

CONNECTION DETAIL



Samples from www.AutoCADDetails.net

CONNECTION DETAIL



samples from www.AutoCADDetails.net

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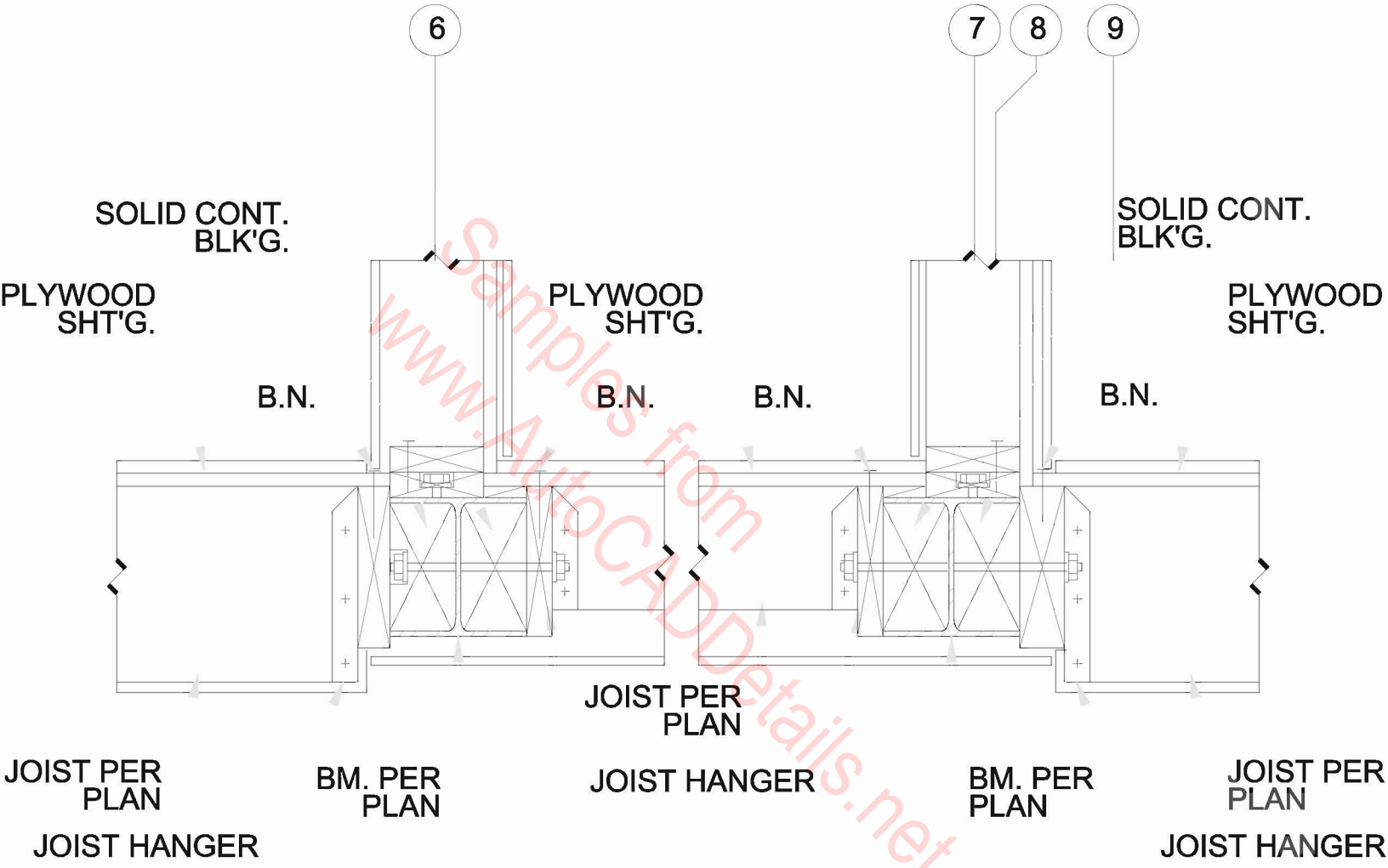

Samples from www.AutoCADDetails.net

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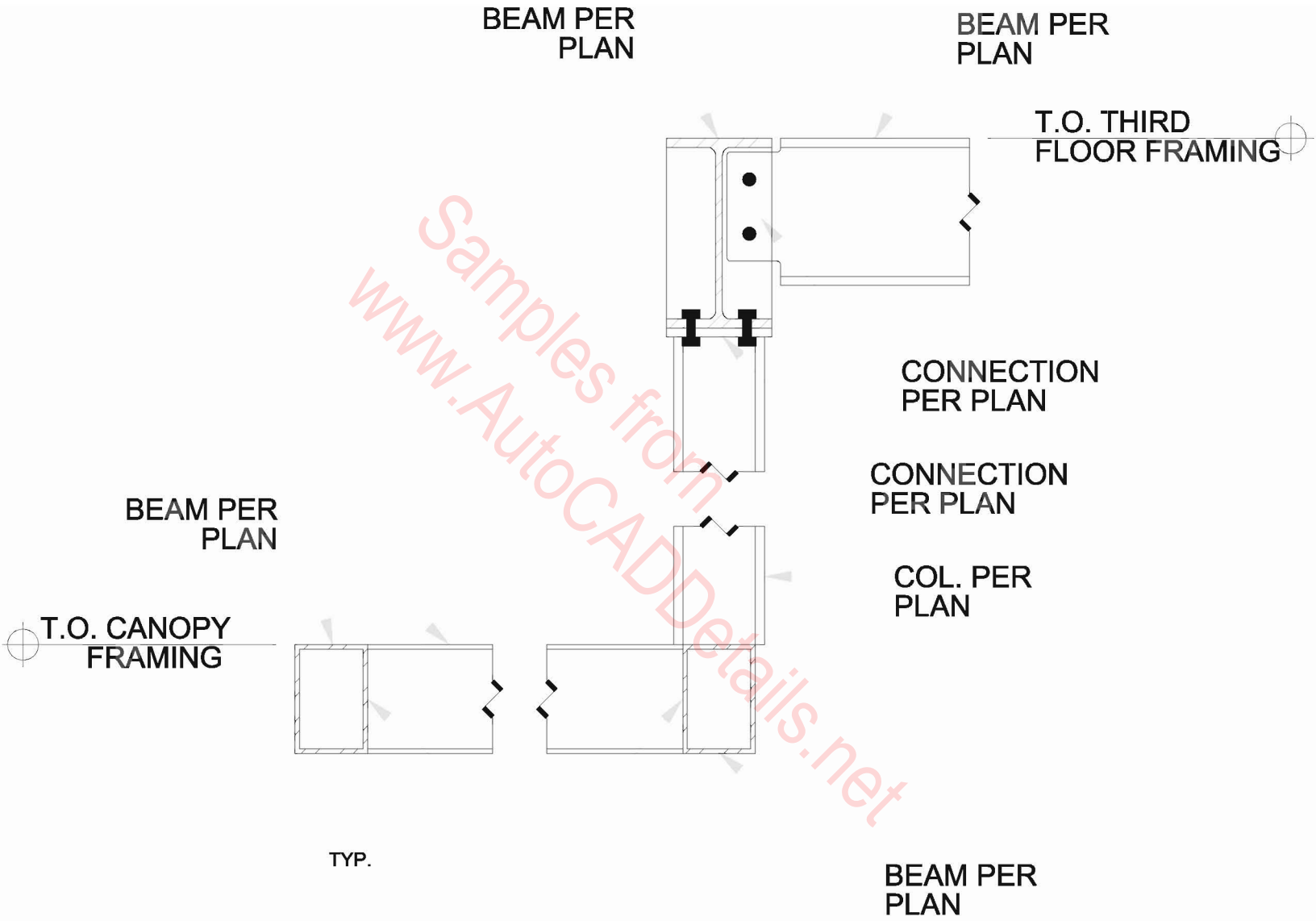

Samples from www.AutoCADDetails.net

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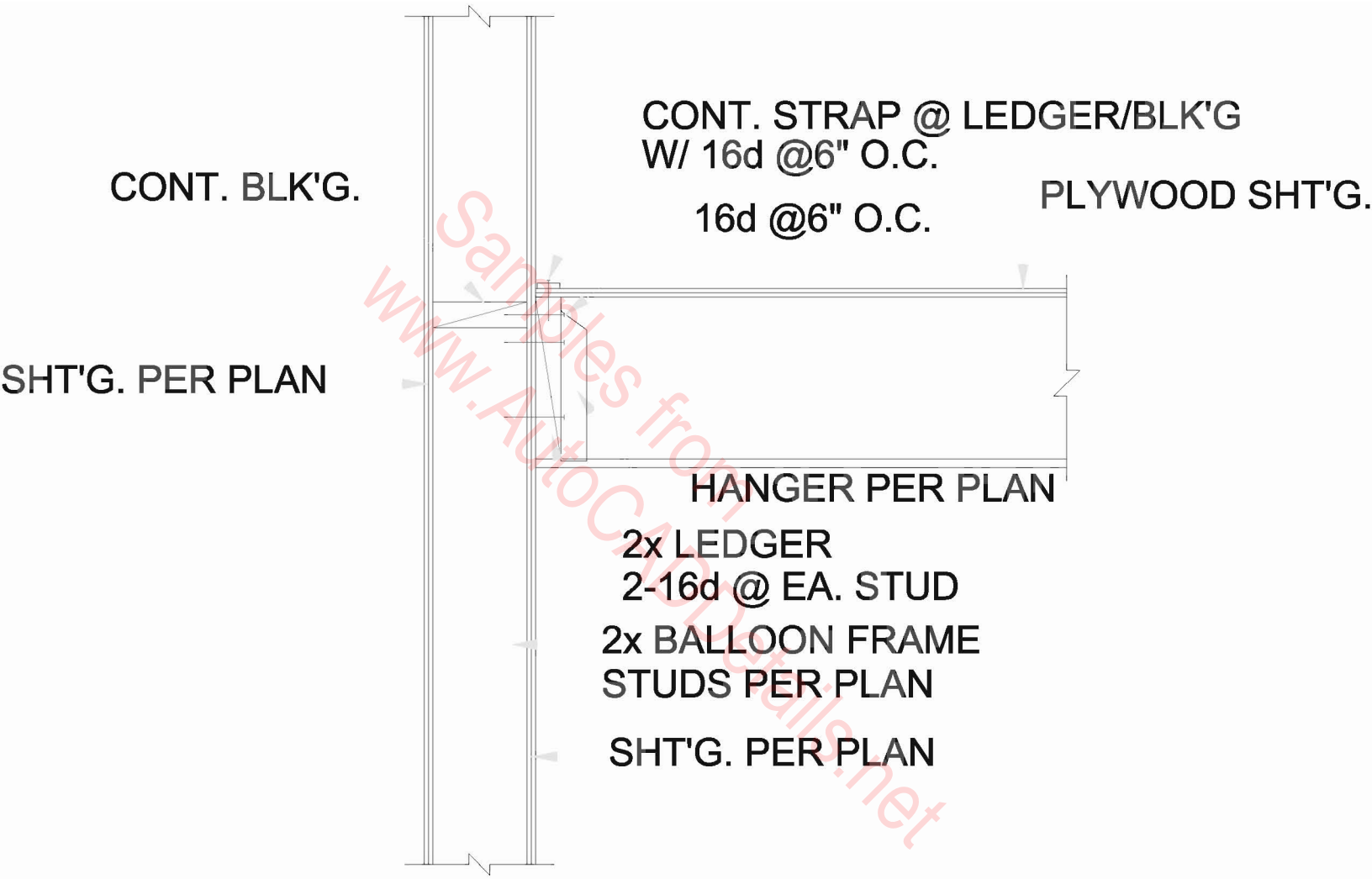
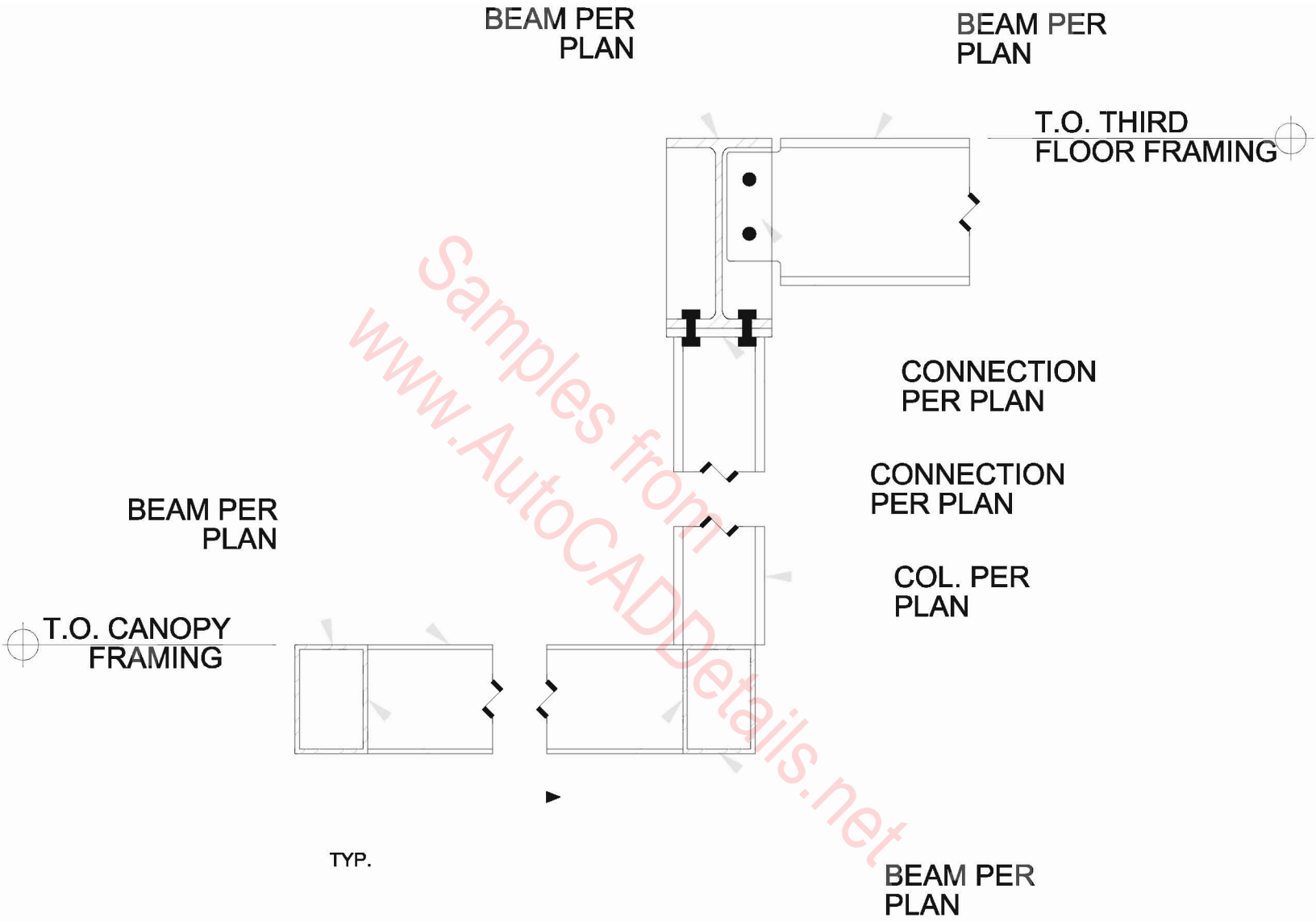


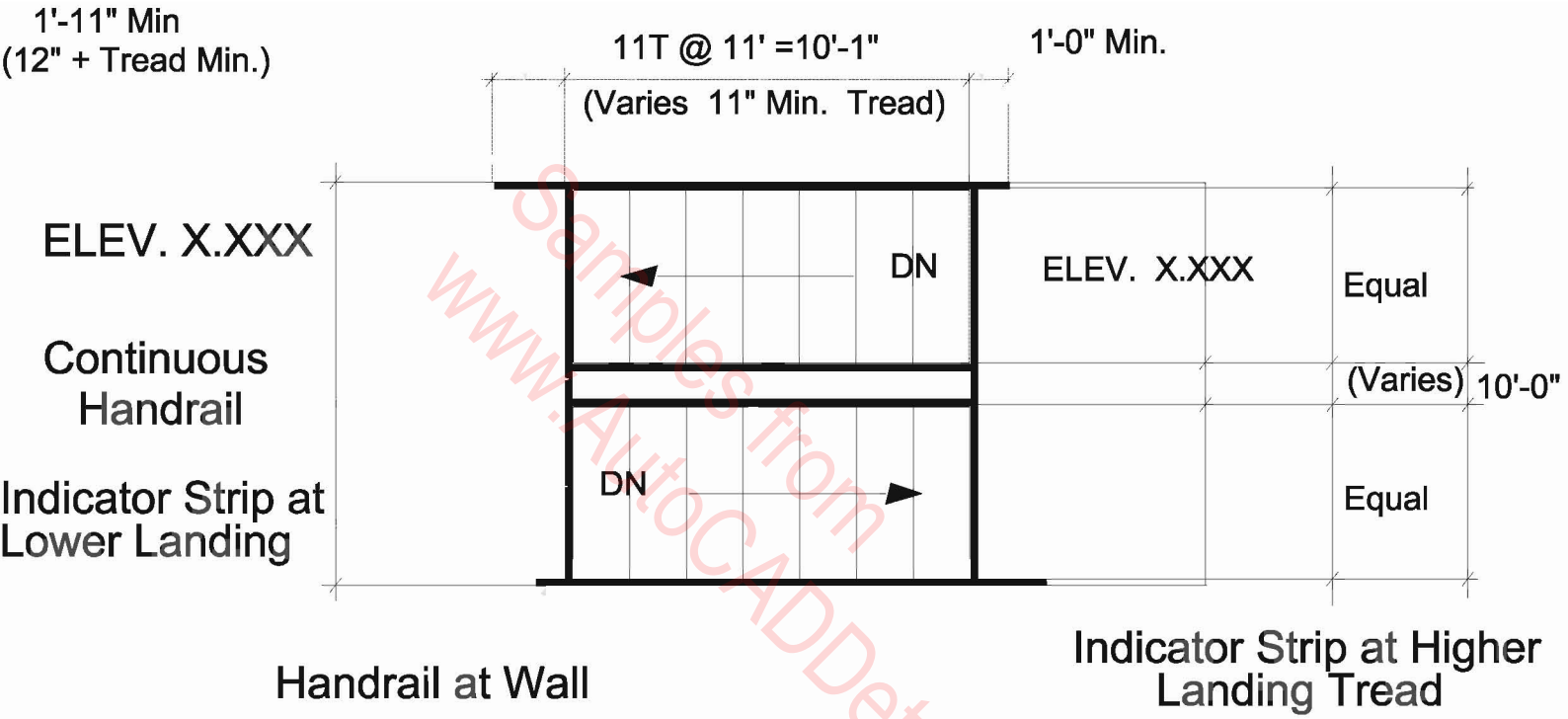
Samples from www.AutoCADDetails.net

CONNECTION DETAIL @ GRIDLINE F



Samples from www.AutoCADDetails.net

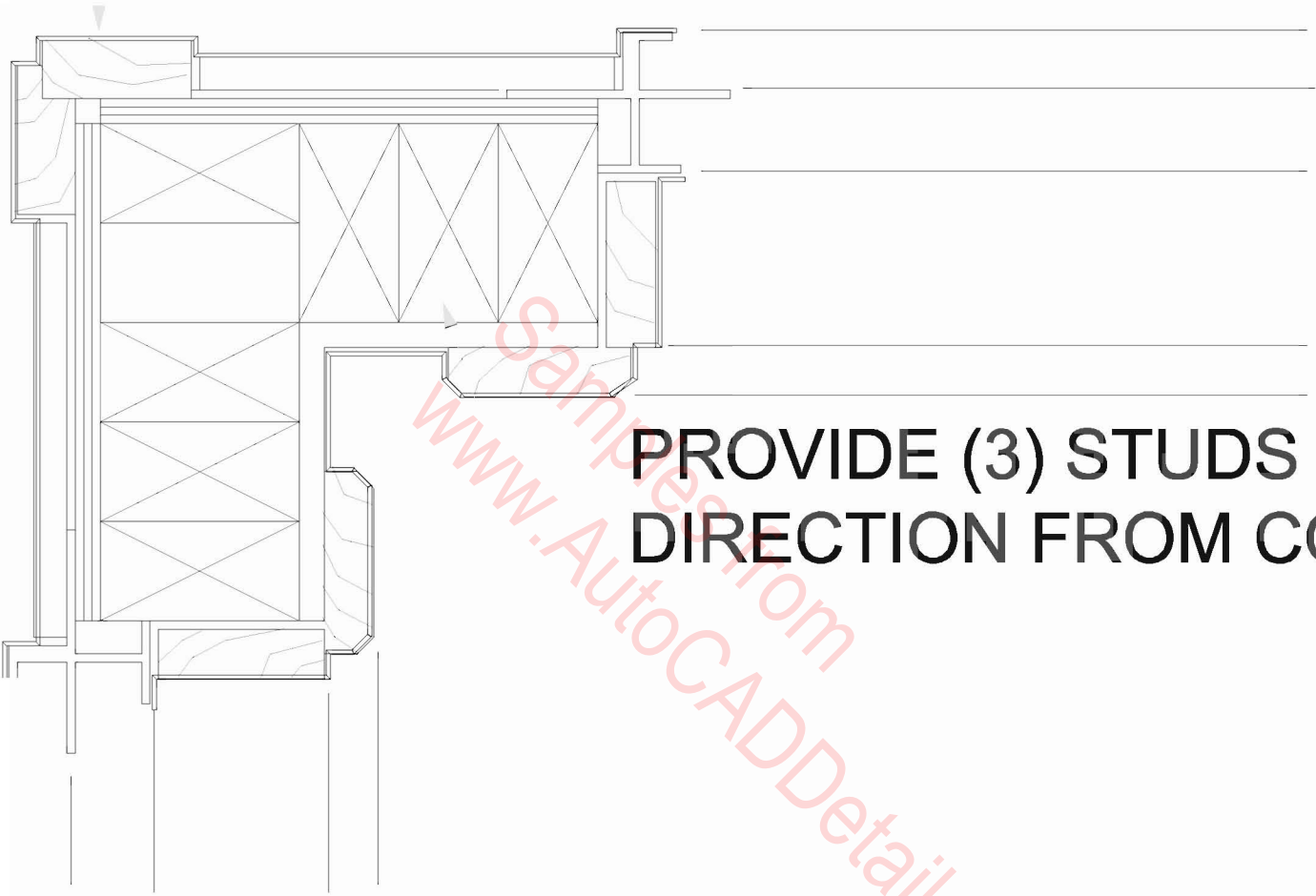
CONNECTION DETAIL



Samples from
www.AutoCADDetails.net

CONTINUOUS RUN INTERIOR STAIRWAY

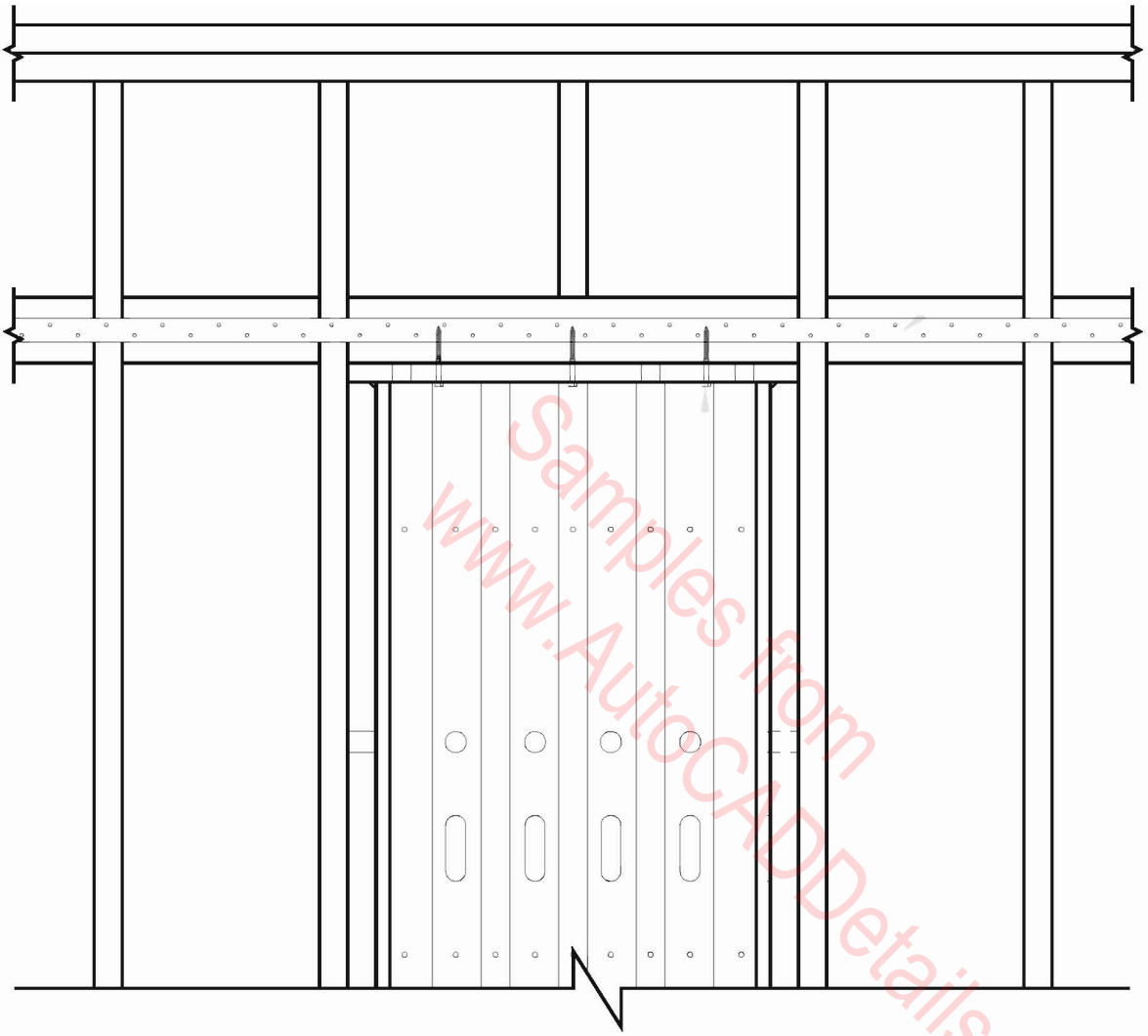
5/4 X R.S. CEDAR CORNER BDS.
CAULK SIDING W/"VULKEM"
POLYURETHANE GREY CAULKING



PROVIDE (3) STUDS EACH
DIRECTION FROM CORNER

Sample from
www.AutoCADDetails.net

CORNER WINDOW FRAMING DETAIL



CRIPPLE SHEAR WALL, BLOCKING AND STRAP BY OTHERS

ATTACH SDS SCREWS TO SHIM BLOCK

ADJACENT FRAMING BY OTHERS

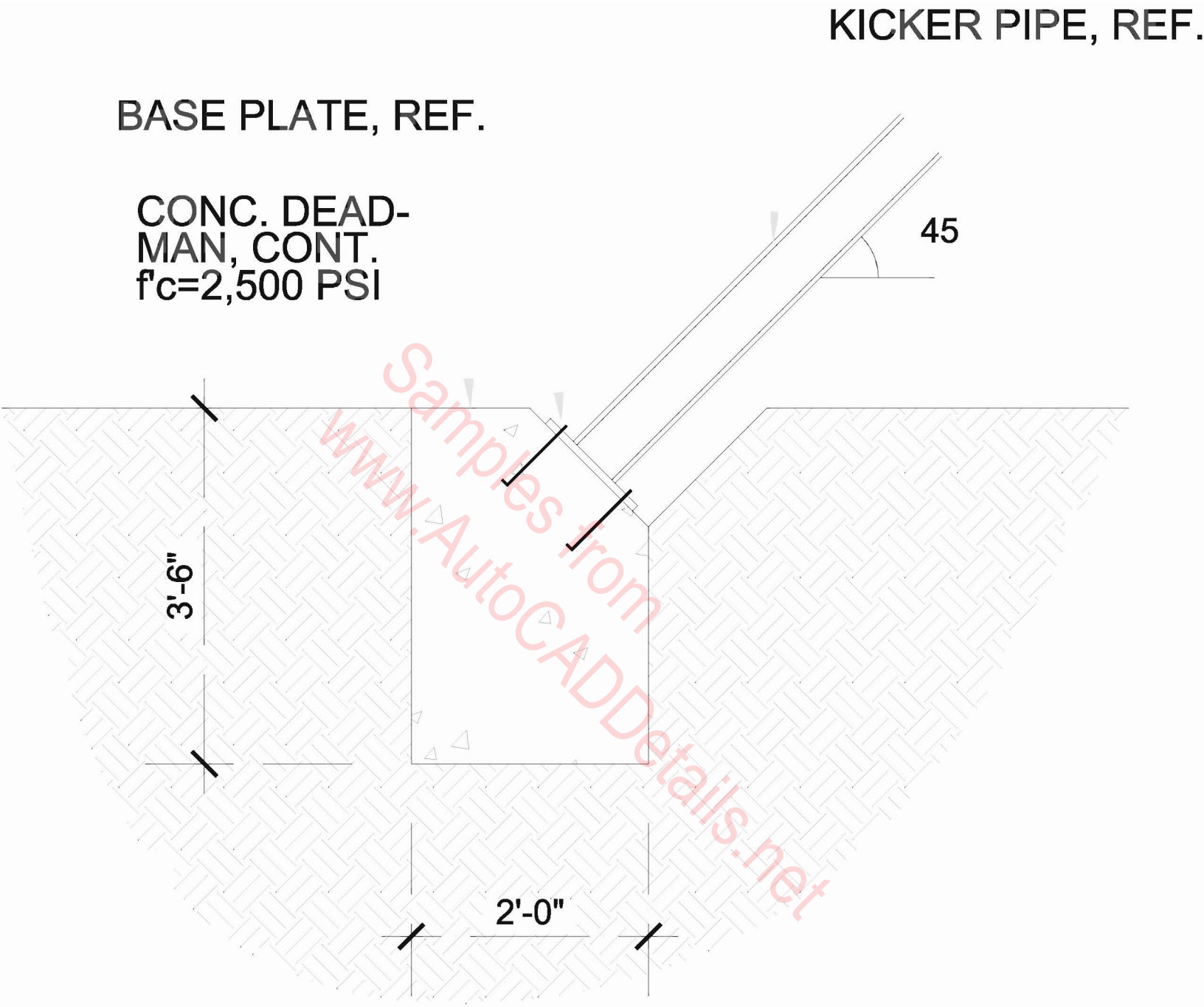
Samples from www.AutoCADDetails.net

ENGINEER OF RECORD SHALL DESIGN FOR:

1. SHEAR TRANSFER
2. OUT OF PLANE LOADING EFFECT
3. INCREASED OVERTURNING AND DRIFT DUE TO ADDITIONAL HEIGHT.

STEEL STRONG-WALL HEIGHT ADJUSTMENTS

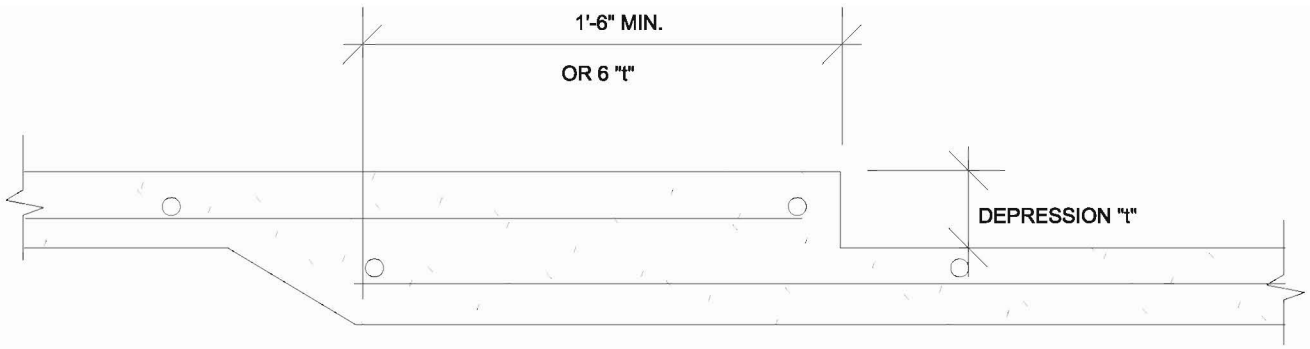
CRIPPLE WALL



Samples from
www.AutoCADDetails.net

DEADMAN

DEAD MAN DETAIL

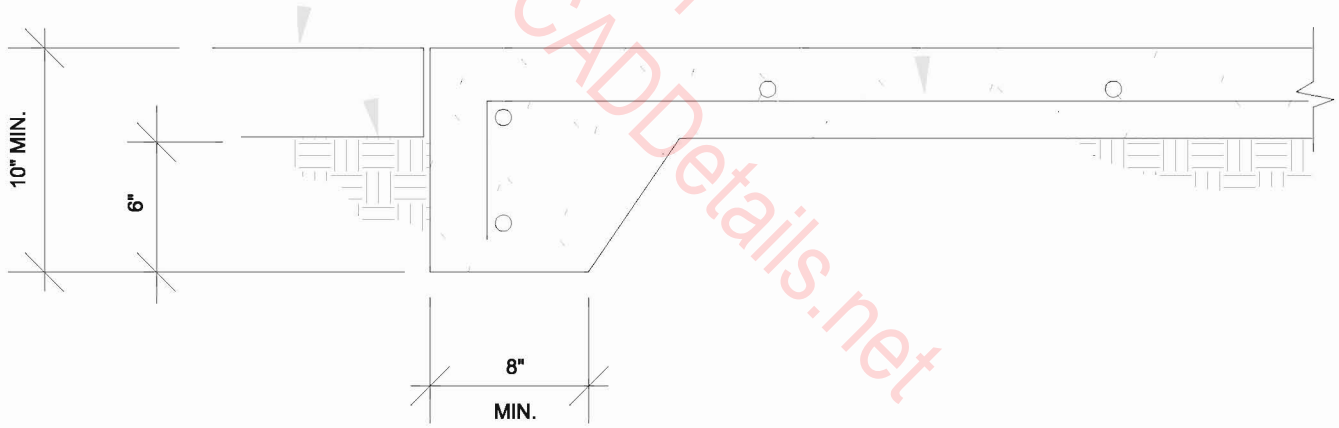


Samples from
www.AutoCADDetails.net

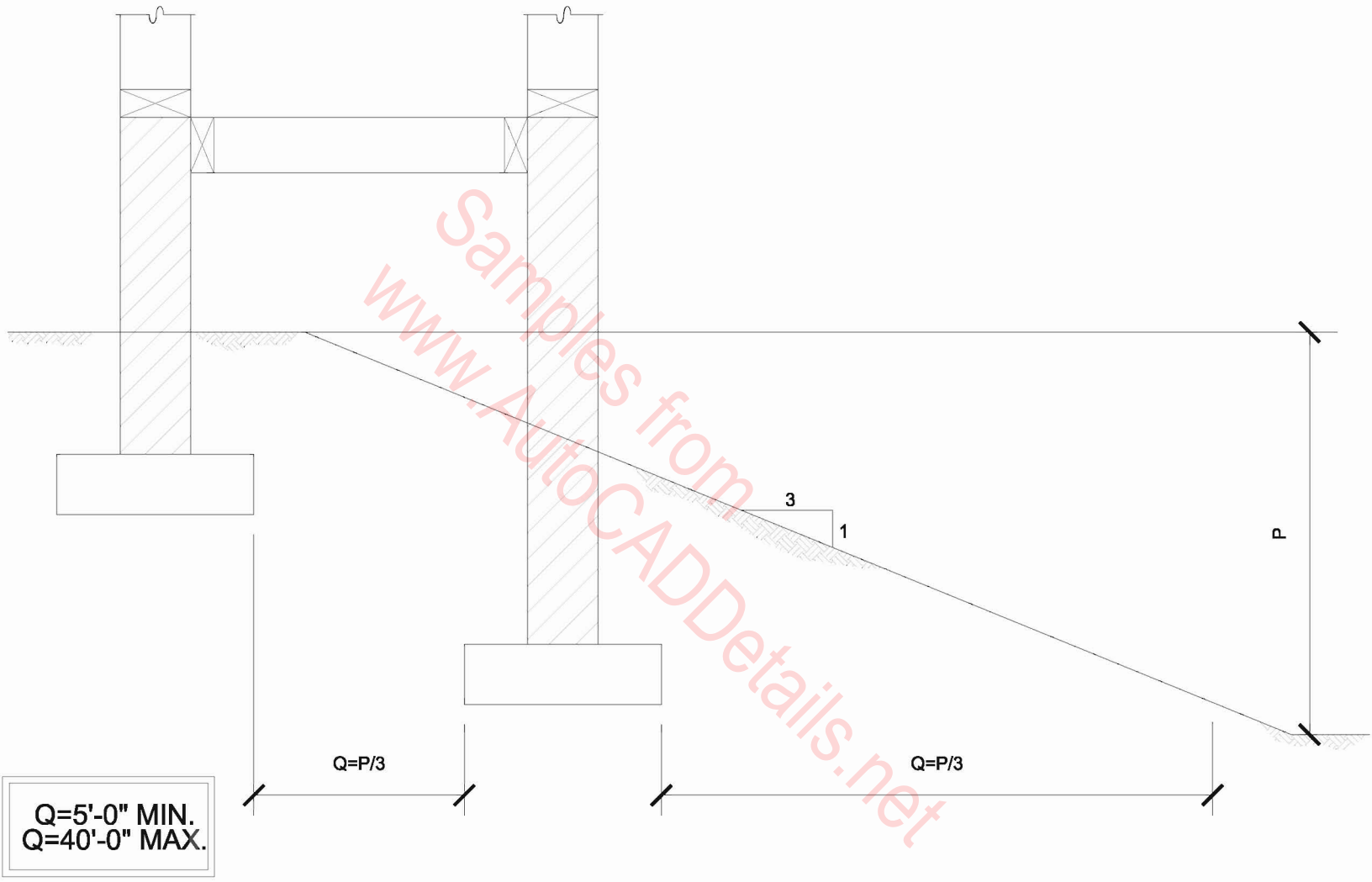
FIN. GRADE OR
PAVING
SEE PLANS

2-#4 CONT.

TYP. SLAB ON
GRADE REINF.

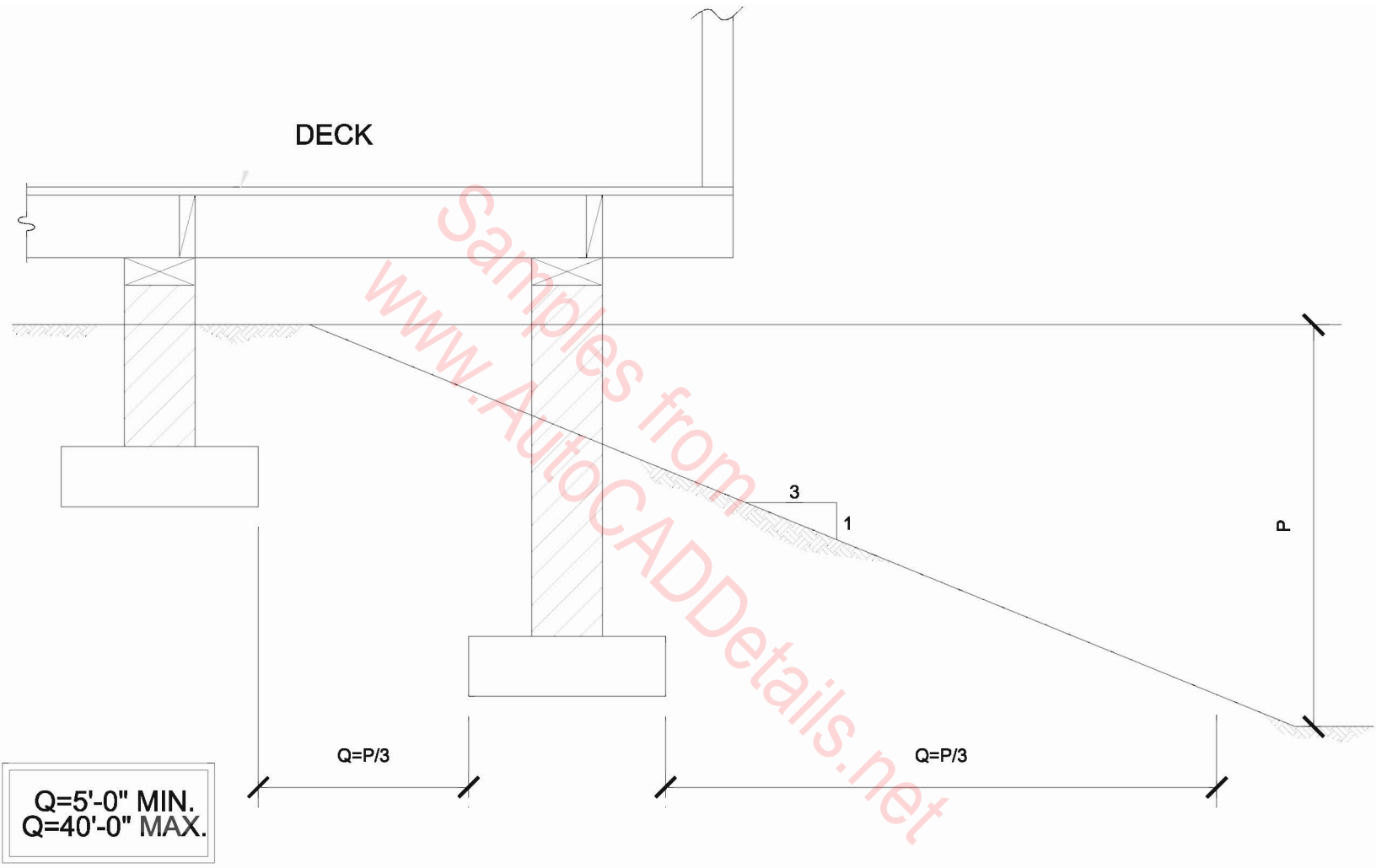


DEPRESSED SLAB & SLAB EDGE (DSSE)



Samples from
www.AutoCADDetails.net

DESCENDING SLOPE

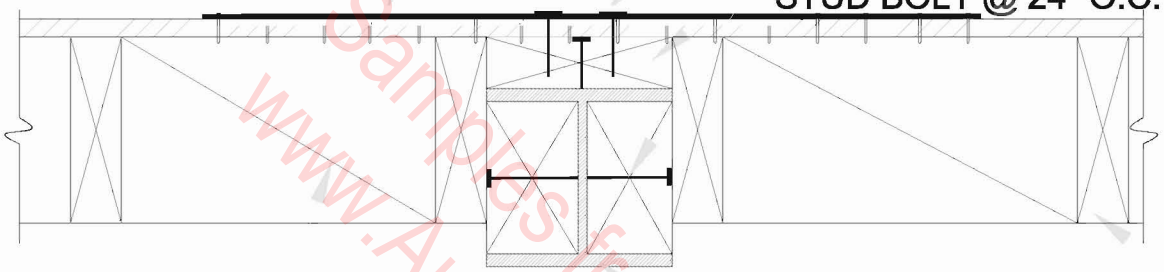


Samples from
www.AutoCADDetails.net

DESCENDING SLOPE

MST37 W/ 16-10d NAILS
B.N.

3x PT NAILER W/ 5/8" Ø
STUD BOLT @ 24" O.C.



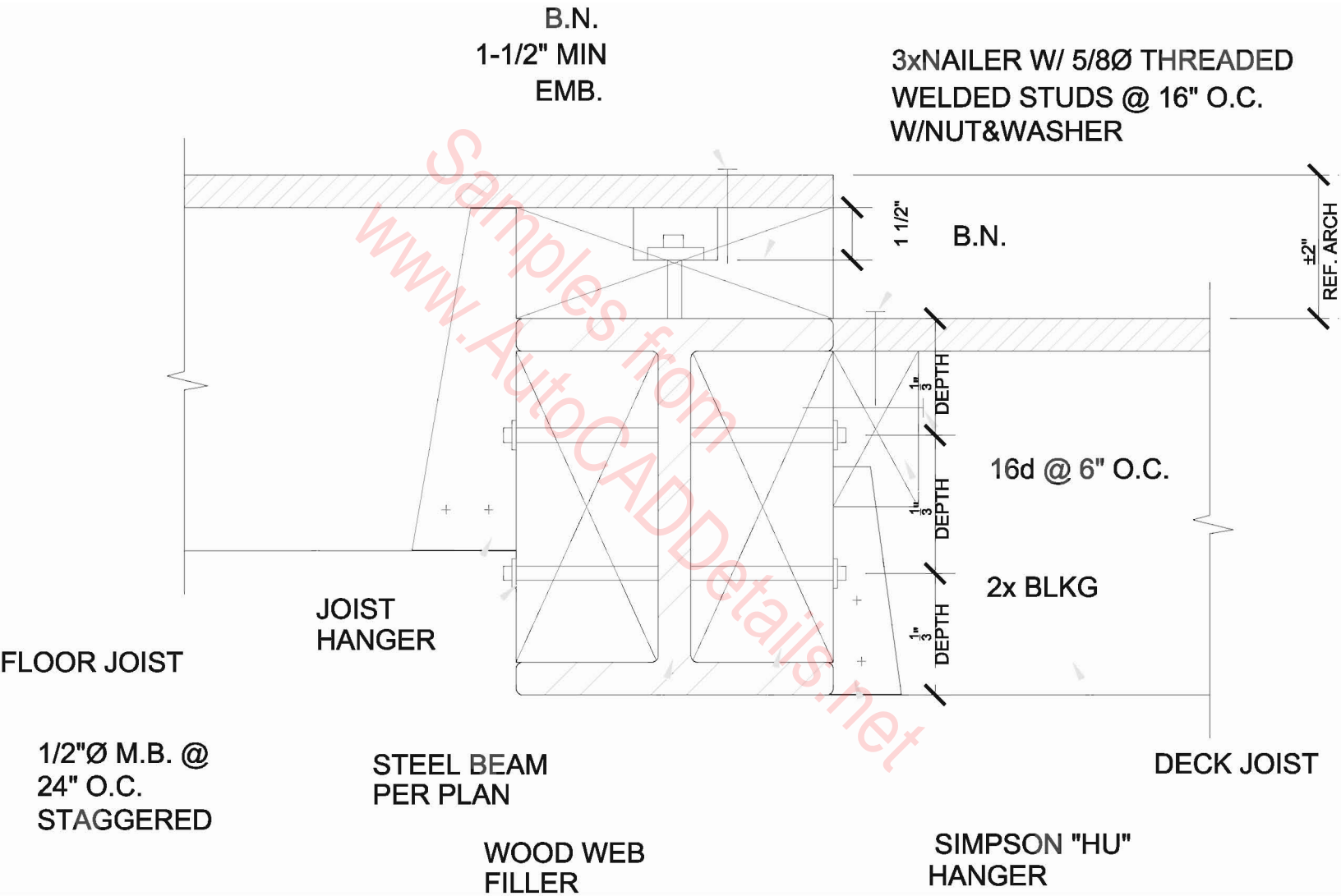
FJ (SEE PLAN)

2X FULL DEPTH BLOCKING
SPACED @ 24" O.C.
(8' -SUBDIAPH. LENGTH)

STL BM,REF.

samples from
www.AutoCADDetails.net

DET.2- CROSS TIES



Samples from www.AutoCADDetails.net

NOTES : ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALV.NAILS.

PLATE WASHERS ARE REQUIRED ON ALL HOLD DOWNS.

HOLD DOWNS SHALL BE RE-TIGHTENED PRIOR TO COVERING THE WALL FRAMING

PROVIDE RAIN GUTTERS AND CONVEY RAIN WATER TO THE STREET .

IF ADVERSE CONDITIONS ARE ENCOUNTERED ,A SOILS INVESTIGATION MAY BE REQIURED.

EARTHQUAKE INDUCED LIQUIFACTION/LANDSLIDE AREA:

A GEOTECHNICAL REPORT IS REQD TO EVALUATE THER POTENTIAL LOSS FOR SOIL LUIQUIFACTION AND SOIL STRENGHT LOSS DURING EATHQUAKE.

Samples from
www.AutoCADdetails.net

THE FOLLOWING APPLIES TO ALL SHEAR WALLS WITH A SHEAR VALUE GREATER THAN 300 Plf. THESE WALLS SHALL BE CLEARLY IDENTIFIED ON THE PLANS. TABLE 23-II-I-1 FOOTNOTE 3. PROVIDE THE FOLLOWING :

a) 3X FOUNDATION SILL PLATES.

b) 3X STUDS AND BLOCKS BETWEEN ADJACENT PANELS.

c) 1/2" EDGE DISTANCE FOR PLYWOOD BOUNDARY NAILING.

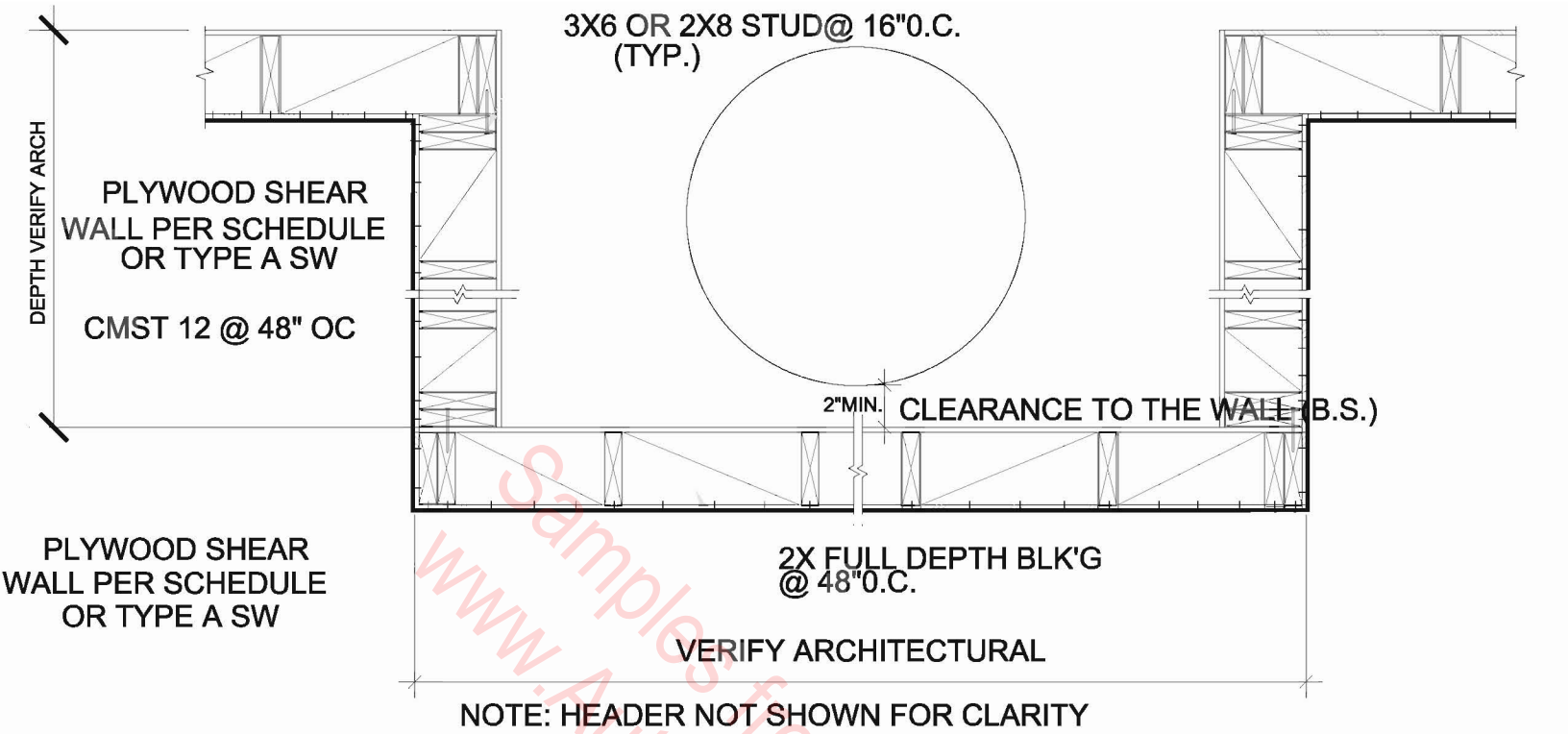
d) STAGGER NAILS IF NAIL SPACING IS LESS THAN 2" O.C.

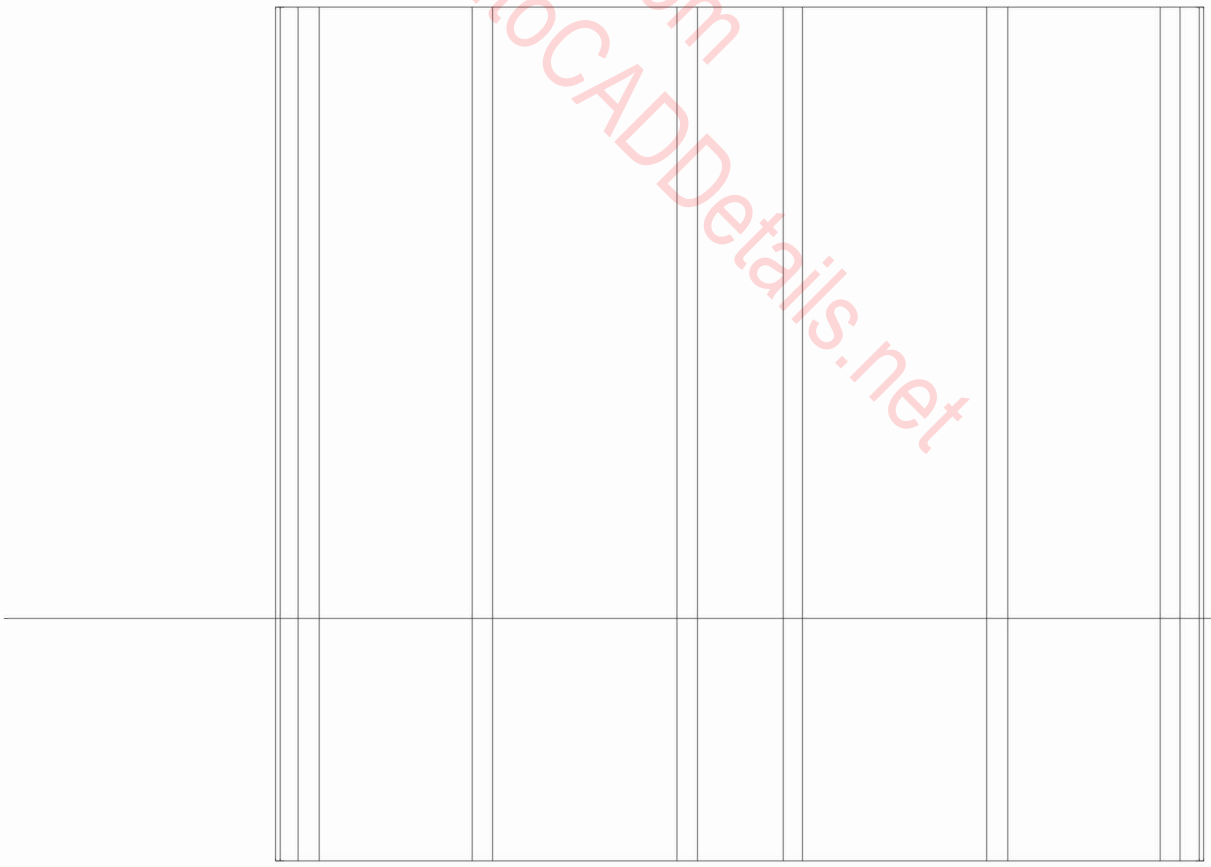
e) SQUARE PLATE WASHERS SHALL BE USED WITH ALL ANCHOR BOLTS . TABLE 23-II-I-L

5/8" BOLT-2.5x2.5x1/4 3/4" BOLT-2.75x2.75x5/16

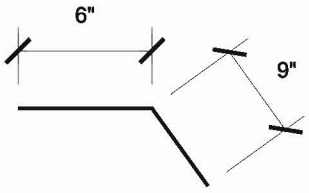
7/8" BOLT-3x3x5/16 1" BOLT-3.5x3.5x3/8

Samples from www.AutoCADDetails.net





Samples from
www.AutoCADDetails.net



#4 REBAR DOWEL SET
IN SIMPSON SET EPOXY
@ 16" O.C., LARR#25279
SPL. INSP. REQ'D

(E) 16x16 FTG

(E) CONC.POST

(E) SLAB-ON-GRADE

(E) VERIFY

(E) 12"

(N) 22"

5"

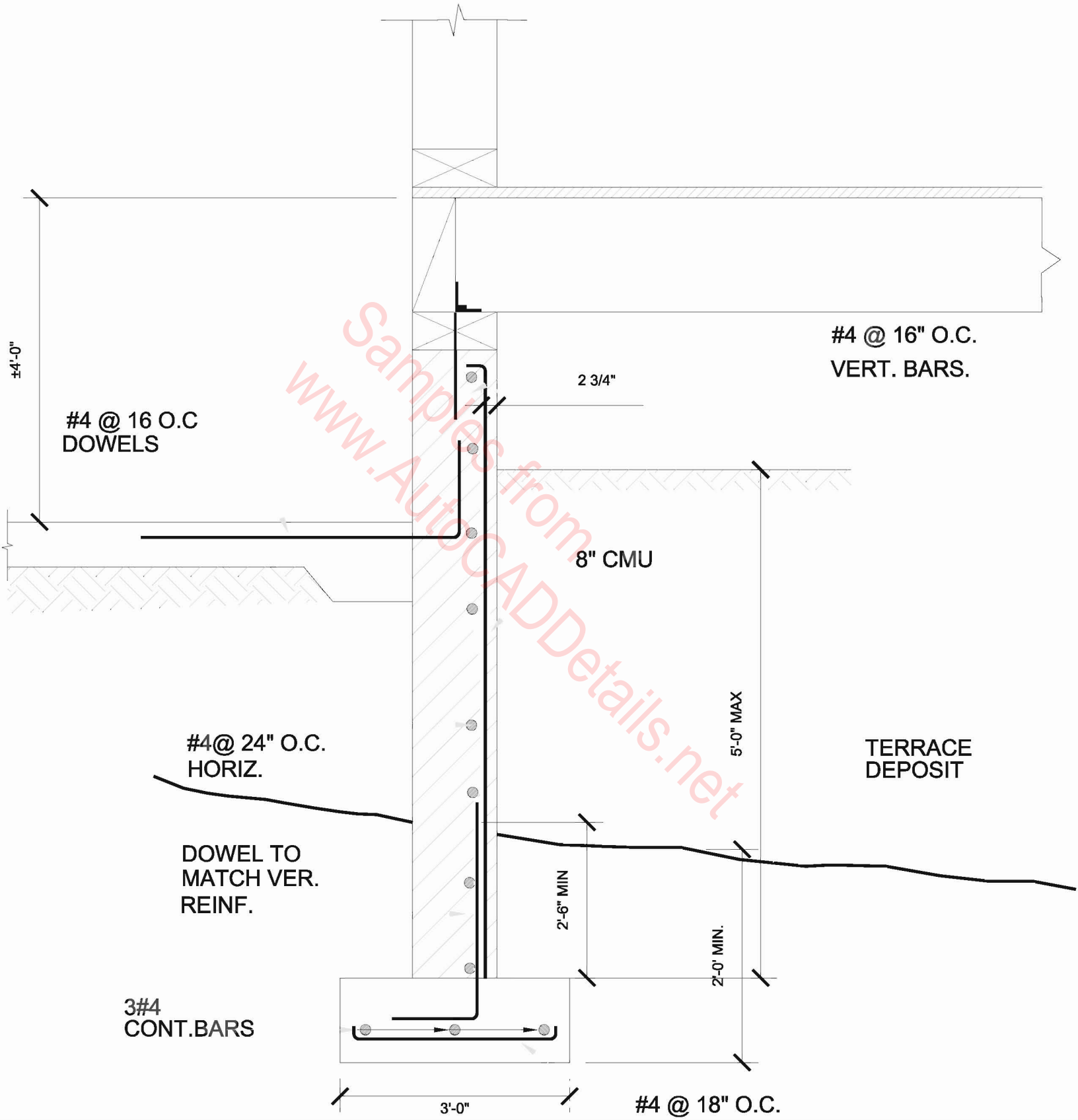
DOWEL #4 @ 16" O.C.
5/8 HOLE GROUTED

6#6 TOP BARS E.W.

13-#6 BOTT.BARS E.W.

11'-9" SQUARE

Samples from
www.AutoCADDetails.net



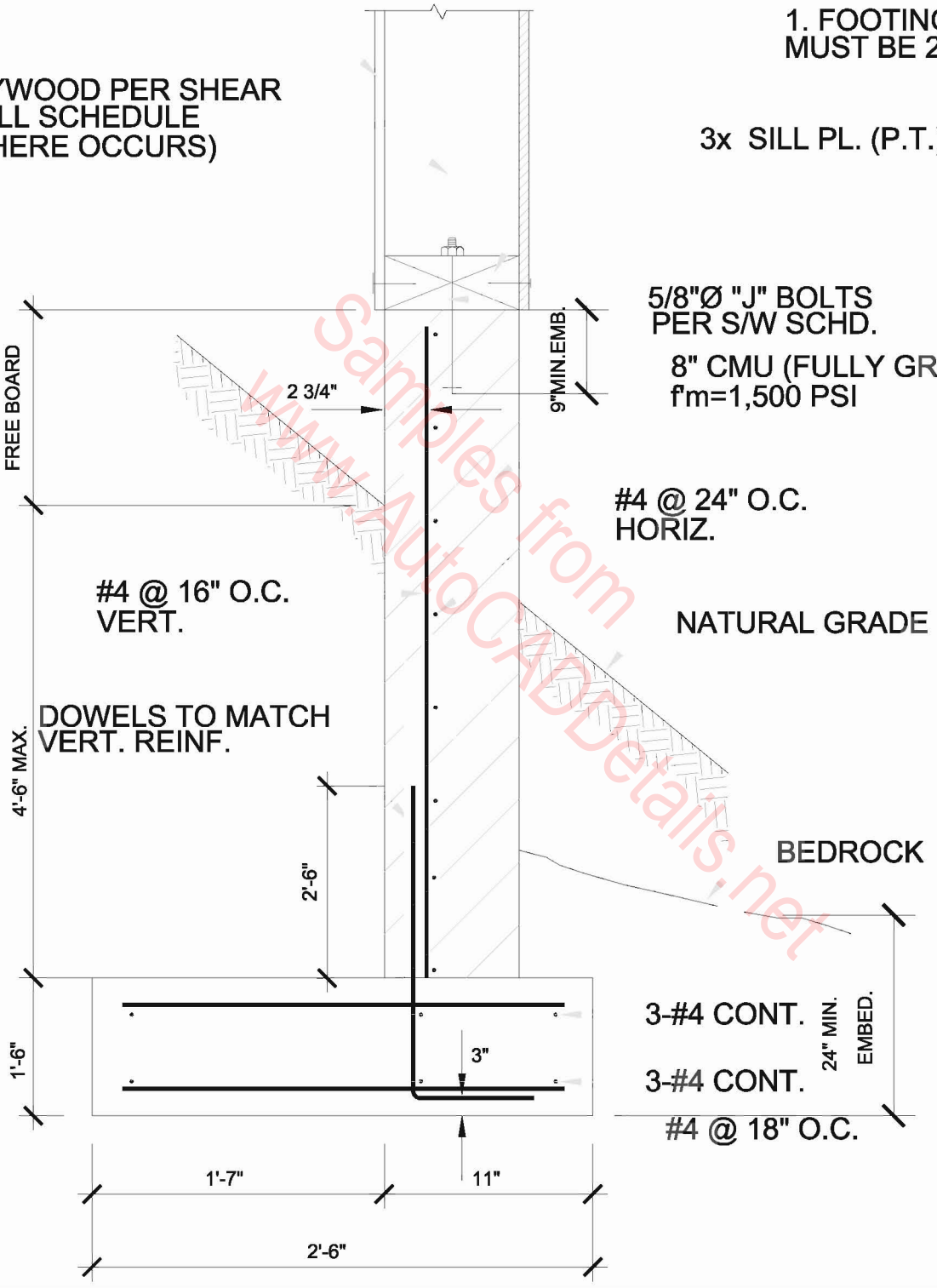
Samples from www.AutoCADDetails.net

DRYWALL PER CODE

NOTE:
1. FOOTING EMBEDMENT DEPTH MUST BE 2'-0" FROM BEDROCK.

PLYWOOD PER SHEAR WALL SCHEDULE (WHERE OCCURS)

3x SILL PL. (P.T.)



Samples from www.AutoCADDetails.net

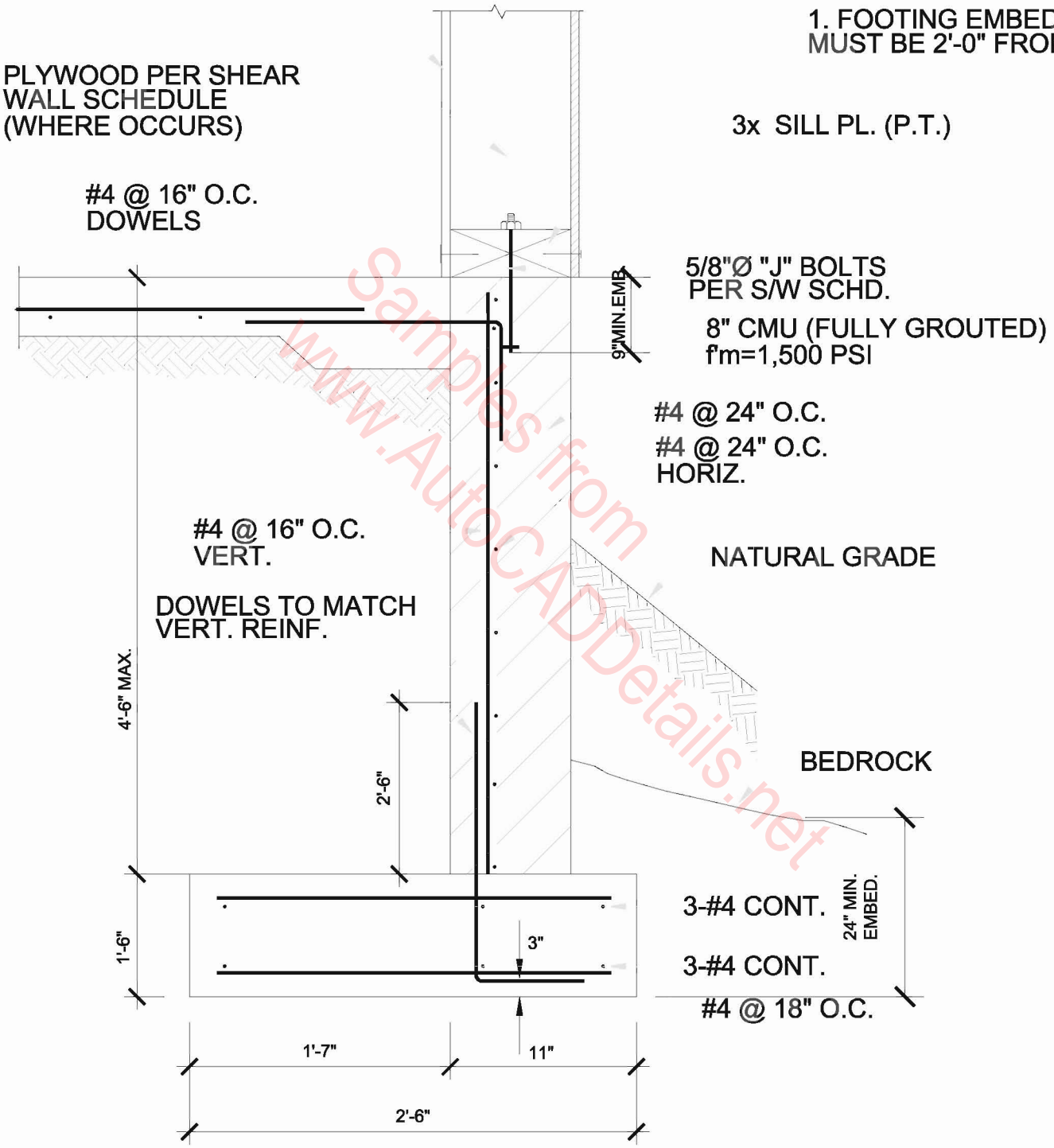
DRYWALL PER CODE

NOTE:
1. FOOTING EMBEDMENT DEPTH MUST BE 2'-0" FROM BEDROCK.

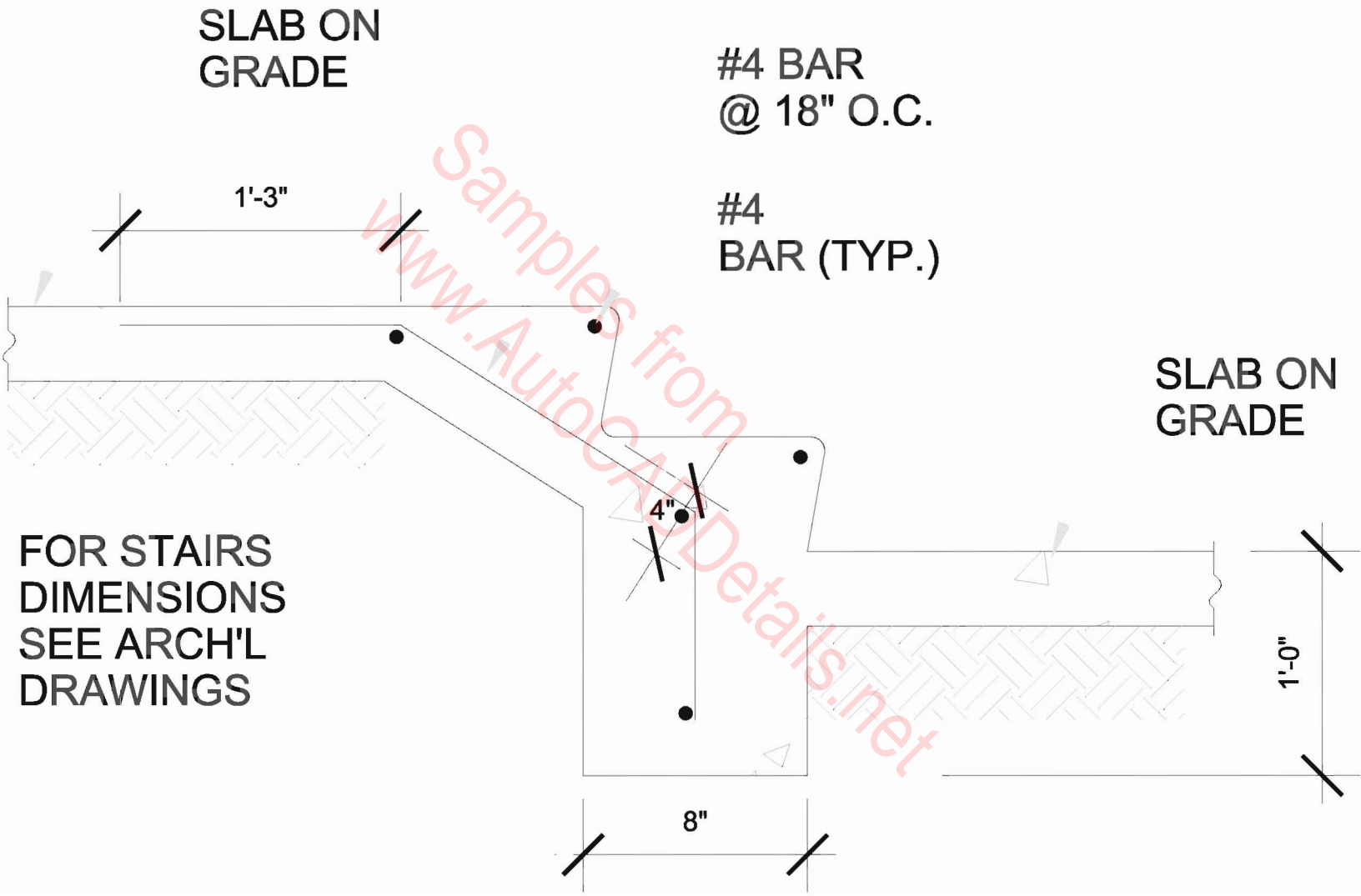
PLYWOOD PER SHEAR WALL SCHEDULE (WHERE OCCURS)

3x SILL PL. (P.T.)

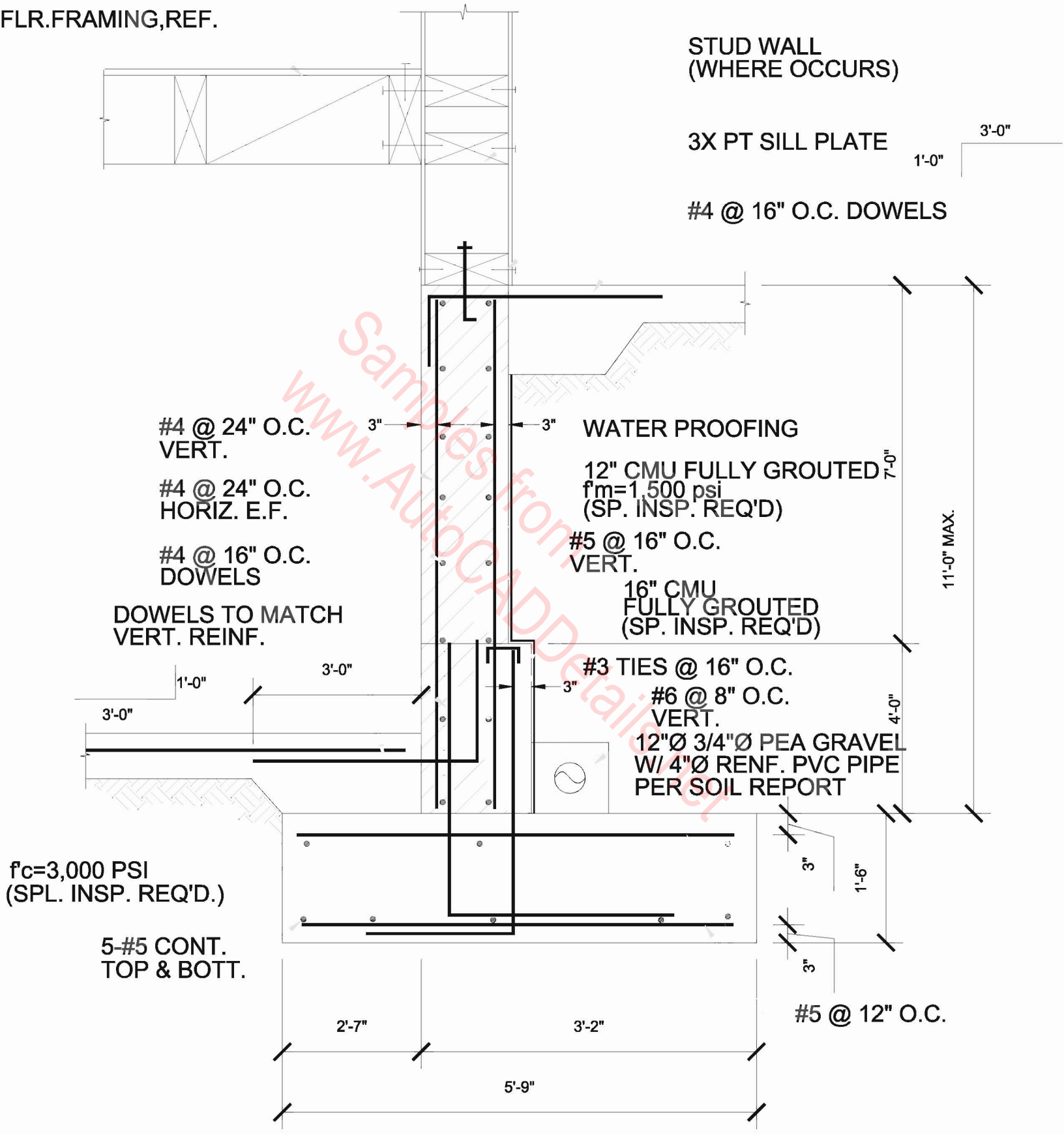
#4 @ 16" O.C. DOWELS



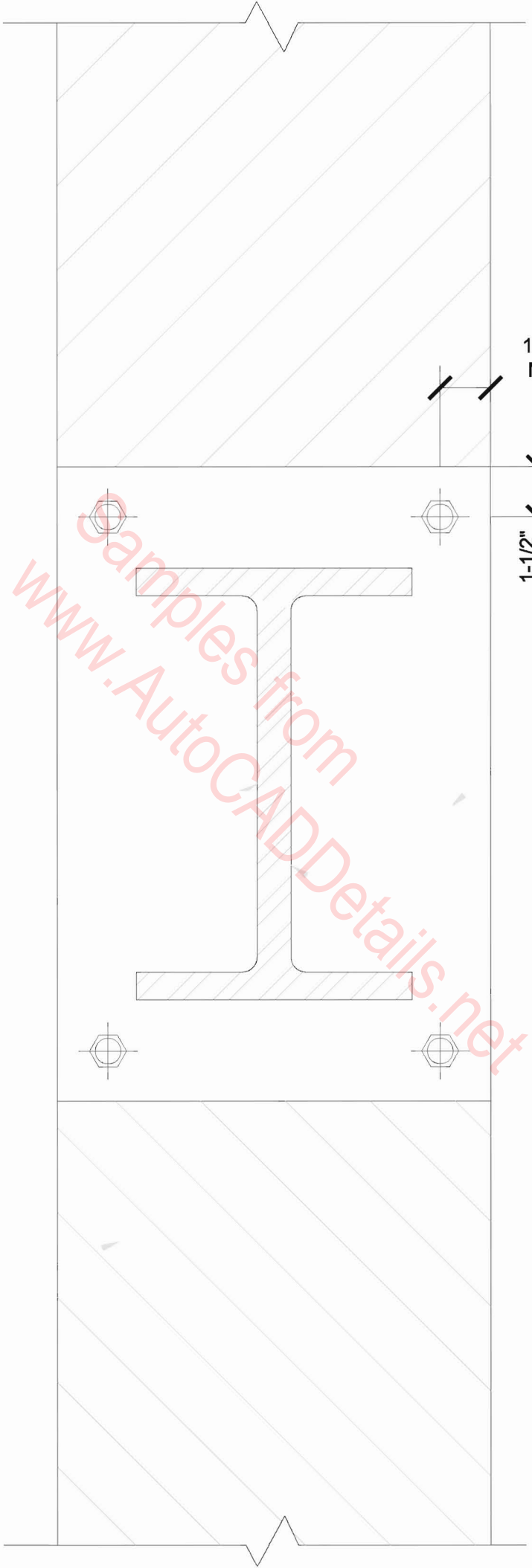
Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



8"x12"x1/2" THK
PLATE W/ 4-3/4"Ø A.B.

3/16

STEEL BEAM
SEE PLAN

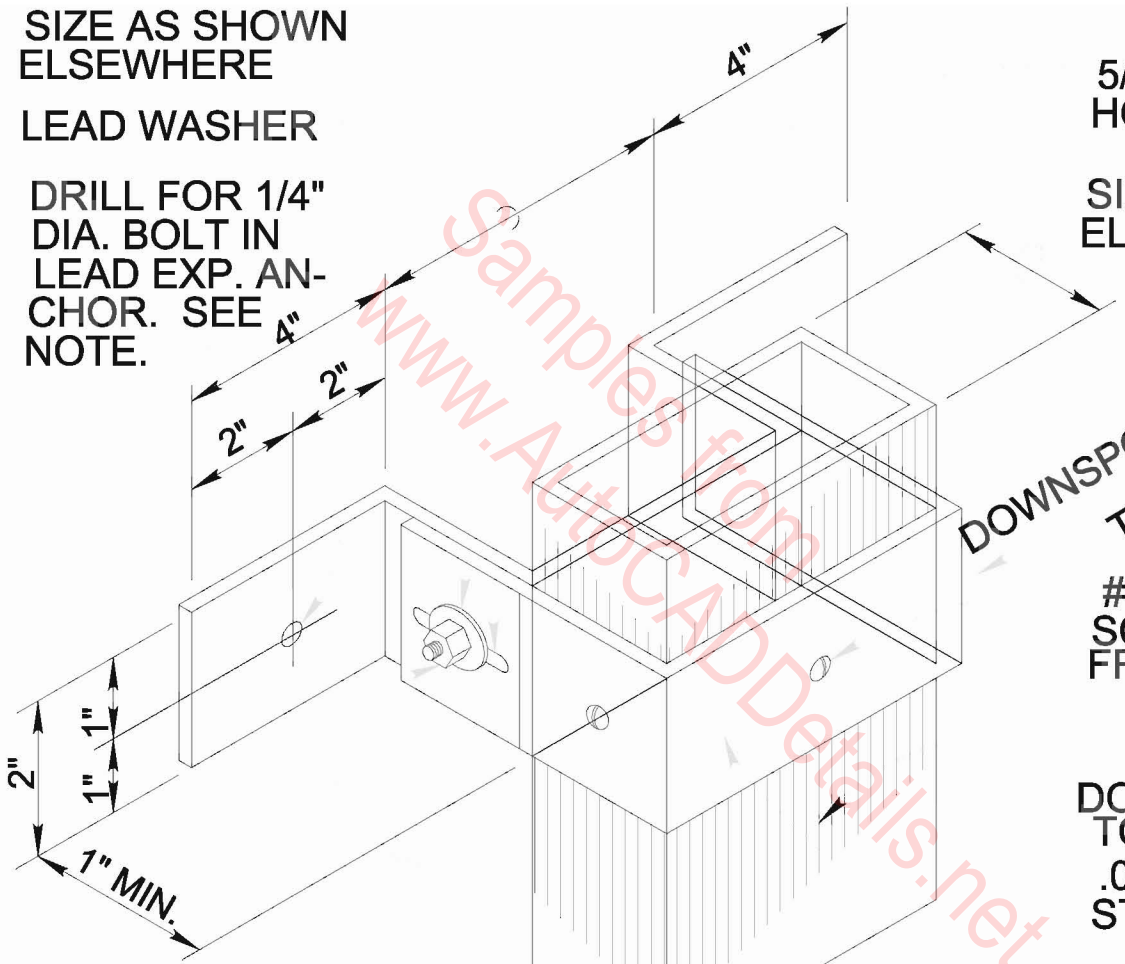
CMU
WALL

samples from
www.AutoCADDetails.net

SIZE AS SHOWN ELSEWHERE

LEAD WASHER

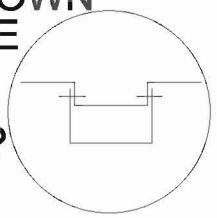
DRILL FOR 1/4" DIA. BOLT IN LEAD EXP. ANCHOR. SEE NOTE.



1/4" DIA. X 5/8" BOLT - BRASS, ALUM. OR STAINLESS STEEL

5/16" X 1/8" SLOTTED HOLE EA. SIDE

SIZE AS SHOWN ELSEWHERE



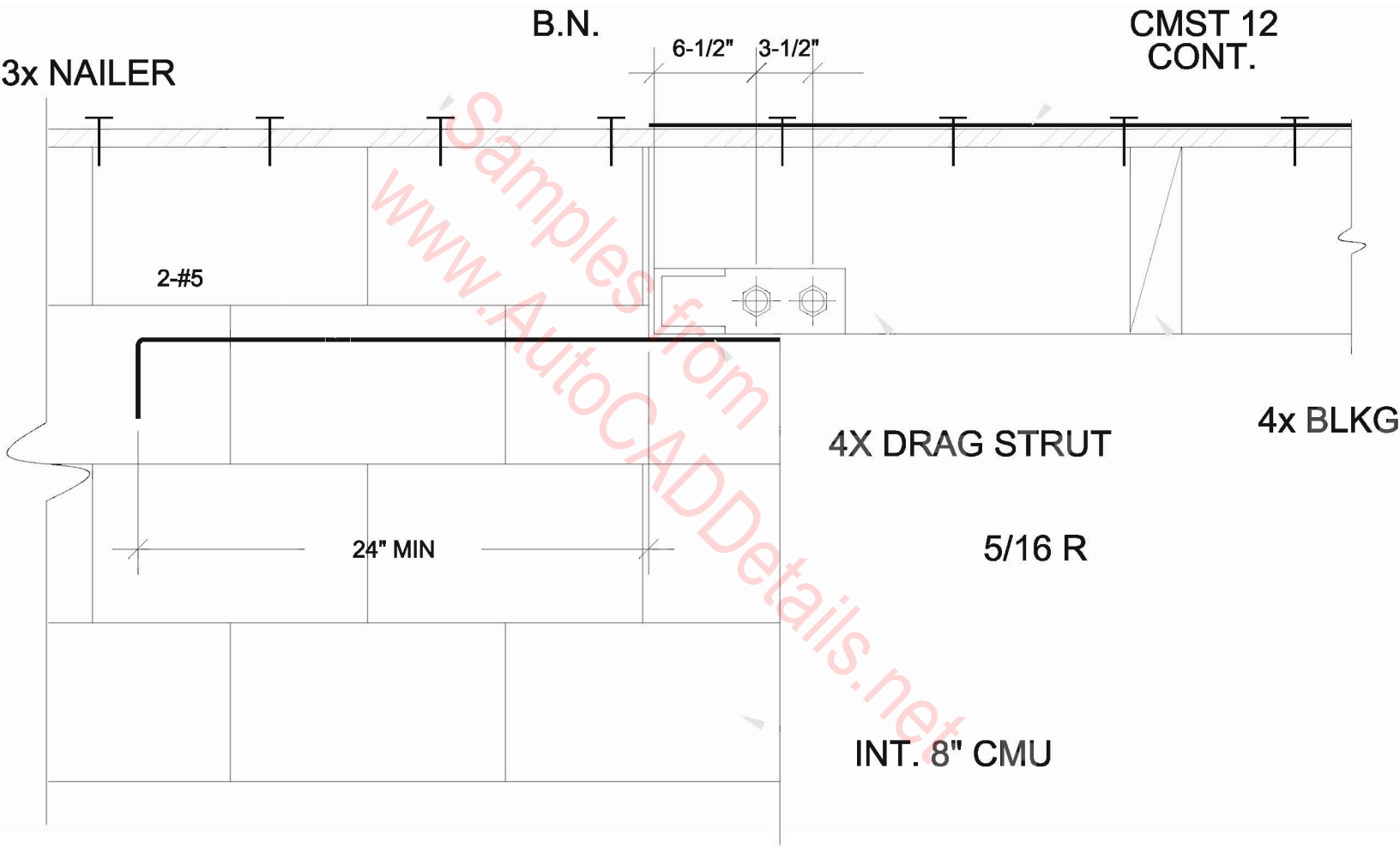
DOWNSPOUT STRAP TWO-PIECE

#14 S.S. SHEET METAL SCREWS- 1 EA. SIDE & FRONT, ALL OPTIONS

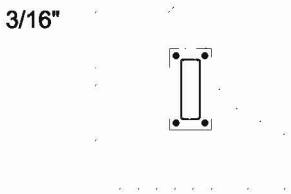
DOWNSPOUT & SHOE TO BE 16 oz. COPPER, .024" ALUM. OR .012" STAINLESS STEEL

DOWNSPOUT STRAPS TO BE 48 oz. COLD ROLLED BRASS, .060" ALUM. OR .050" STAIN-

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



FACE OF (E) WALL
3/8"x6"x10" PL.

<4" CLR. MAX. (TYP.)

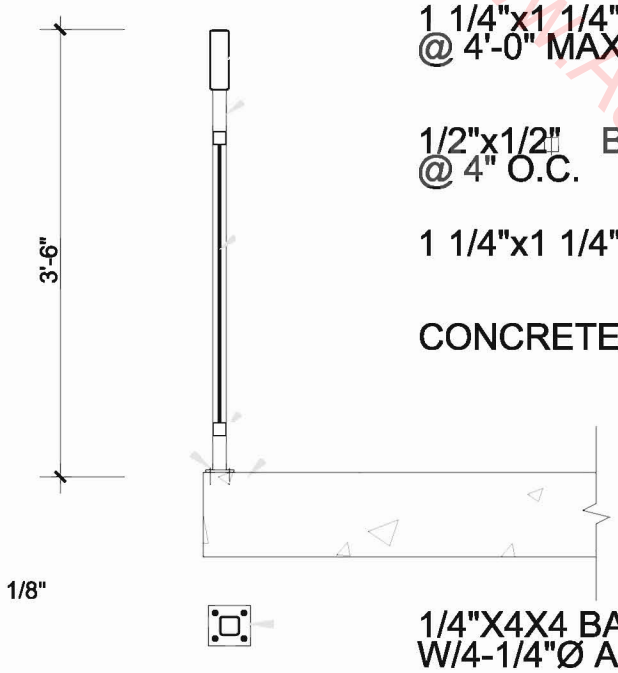
2"x6" TS, ATTACH TO WALL FRAMING w/ 4-1/4"Øx3-1/2" LAG SCREWS TO (N) 4x SOLID BLK'G OR (N) 4x RIM JOIST, SIM TO BALCONY FLOOR

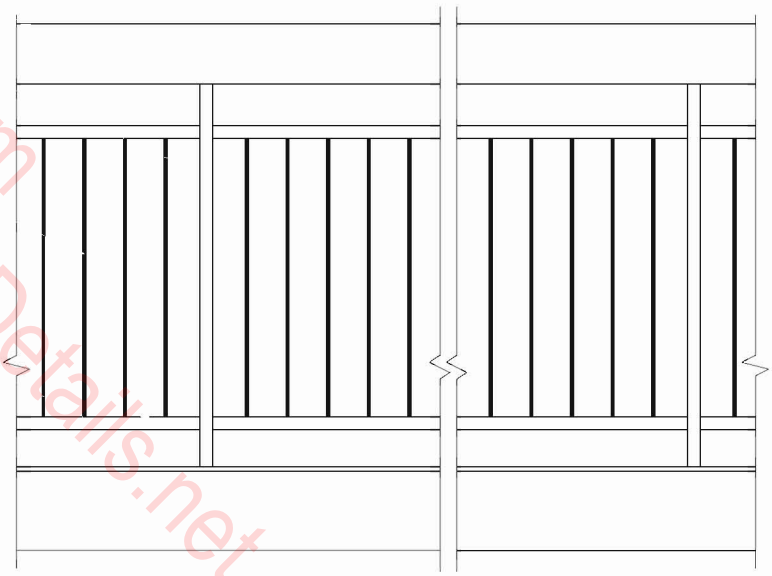
1 1/4"x1 1/4" TUBE @ 4'-0" MAX.

1/2"x1/2" BAR @ 4" O.C.

1 1/4"x1 1/4" TUBE

CONCRETE SLAB





1/4"X4X4 BASE PLATE W/4-1/4"Ø A.BOLT (4" EMB.)

SPECIAL INSPECTION REQUIRED FOR ALL FIELD WELDING

Samples from www.AutoCADDetails.net

1-PHD6-SDS3
w/4x4 POST
(18 1/4X3 SDS SCREWS)

1-HDQ8-SDS3
w/4x4 POST
(20 1/4X3 SDS SCREWS)

2-HDQ8-SDS3
w/4x8 POST
(20 1/4X3 SDS SCREWS)

4x

2ND PHD &
SSTB28
WHERE OCCURS

PHD, REF.

SSTB28

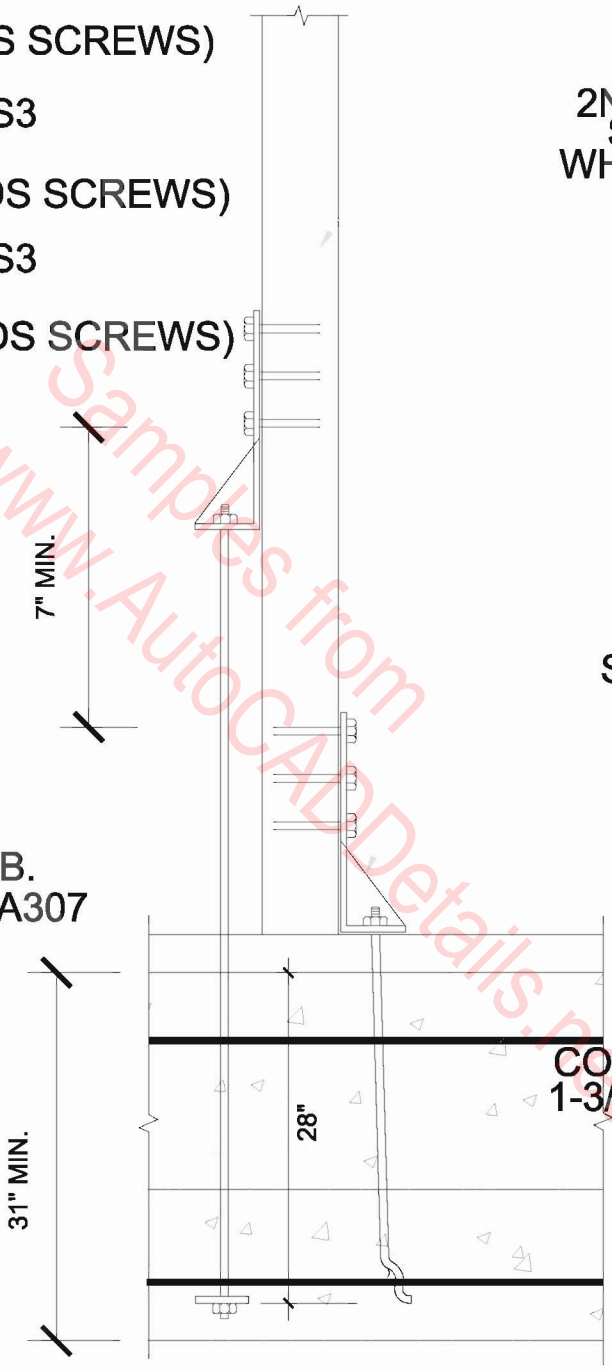
7" MIN.

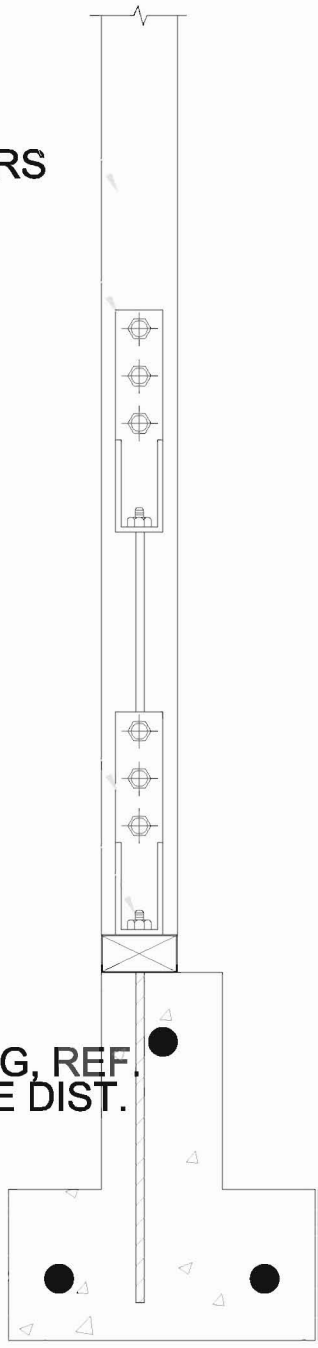
7/8" M.B.
ASTM A307

28"

31" MIN.

CONC. FOOTING, REF.
1-3/4" MIN.EDGE DIST.



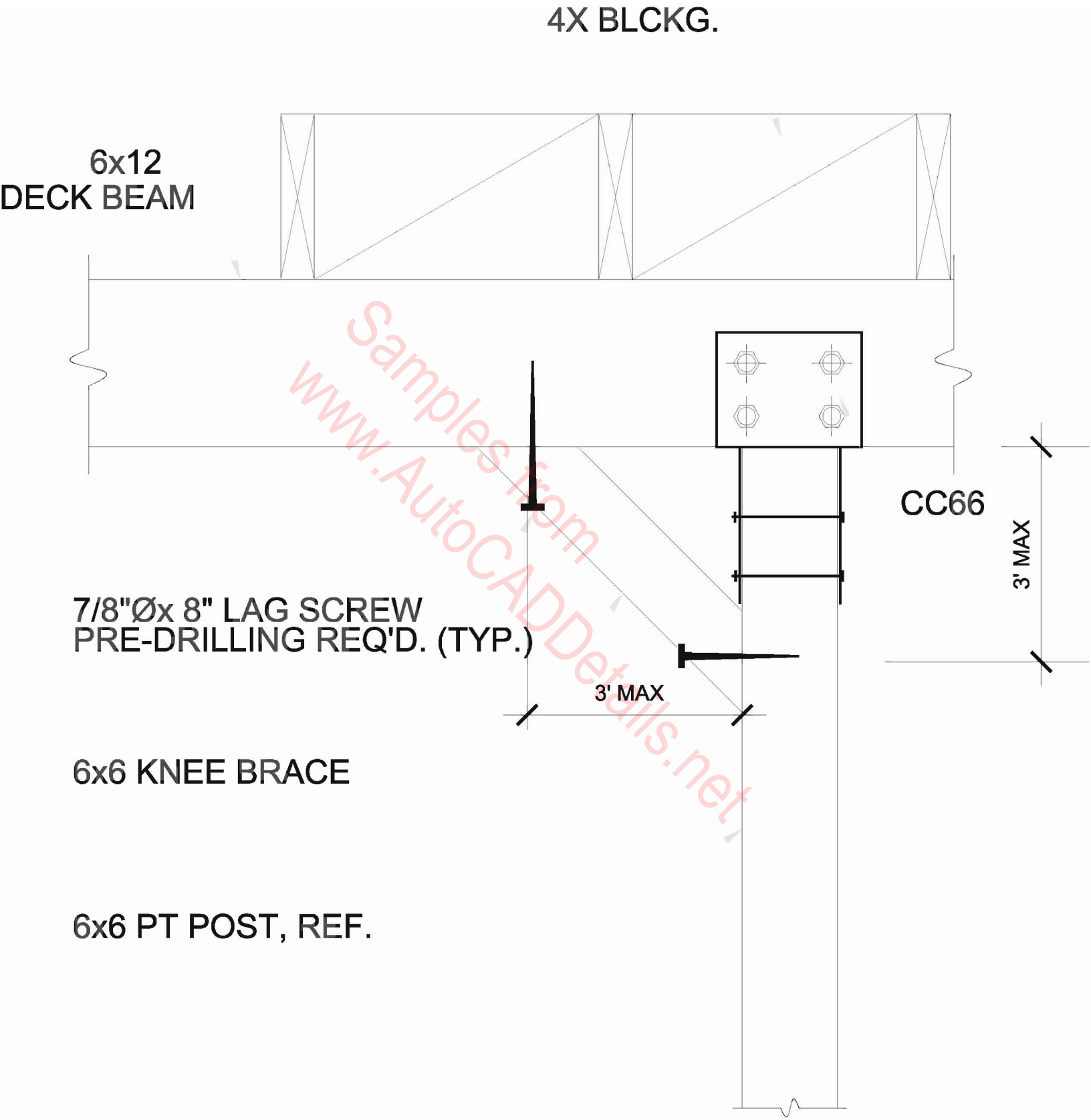


ELEVATION

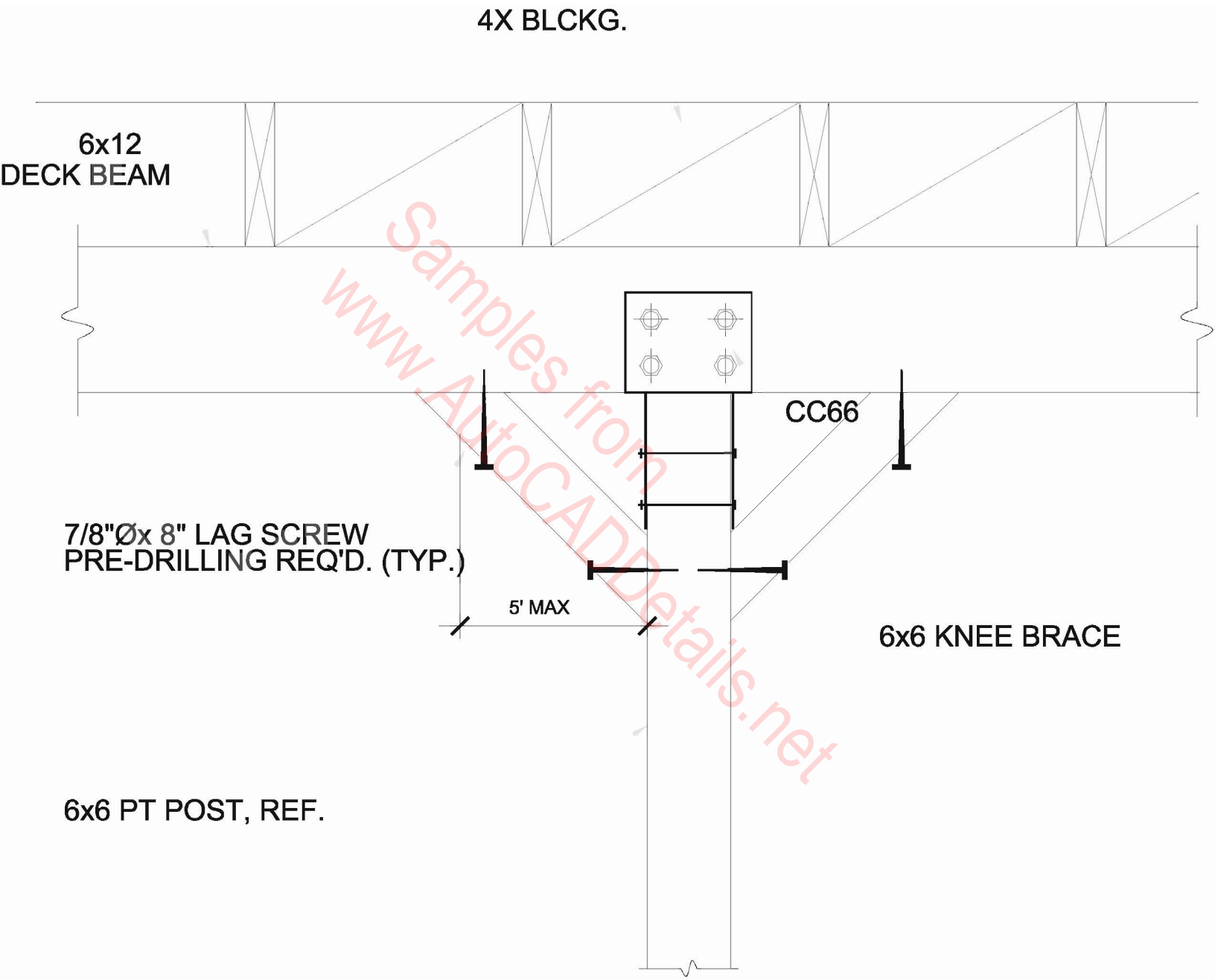
SECTION

DEEPEN FOOTING AS
NEEDED LOCALLY TO
ACCOMODATE SSTB

Samples from
www.AutoCADDetails.com



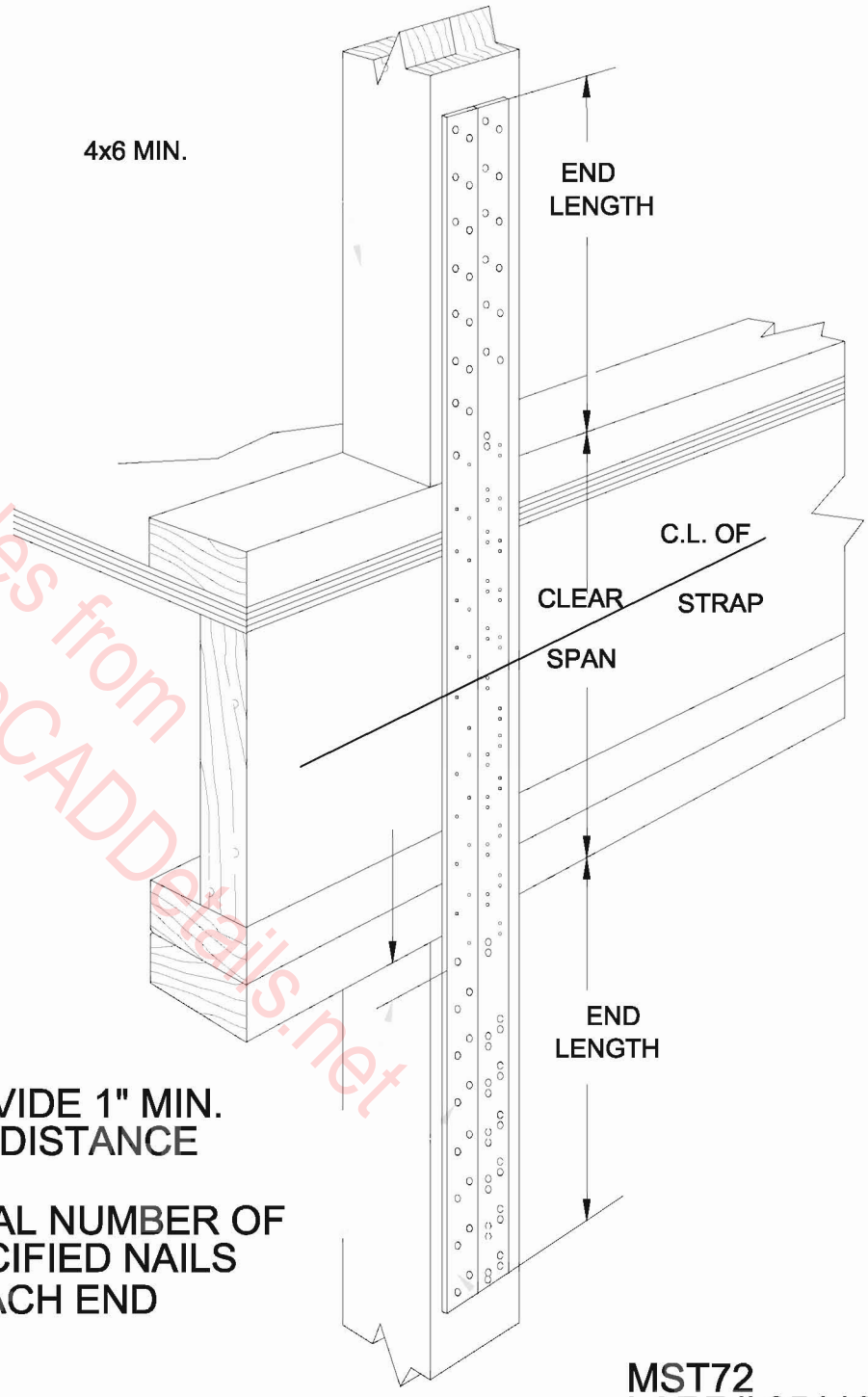
Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

MST72 W/4x4 POST
(48-16d NAILS)

2-MST72 W/4x6 POST
(48-16d NAILS)



PROVIDE 1" MIN.
END DISTANCE

EQUAL NUMBER OF
SPECIFIED NAILS
IN EACH END

MST72
LARR# 25119
(48-16d NAILS)

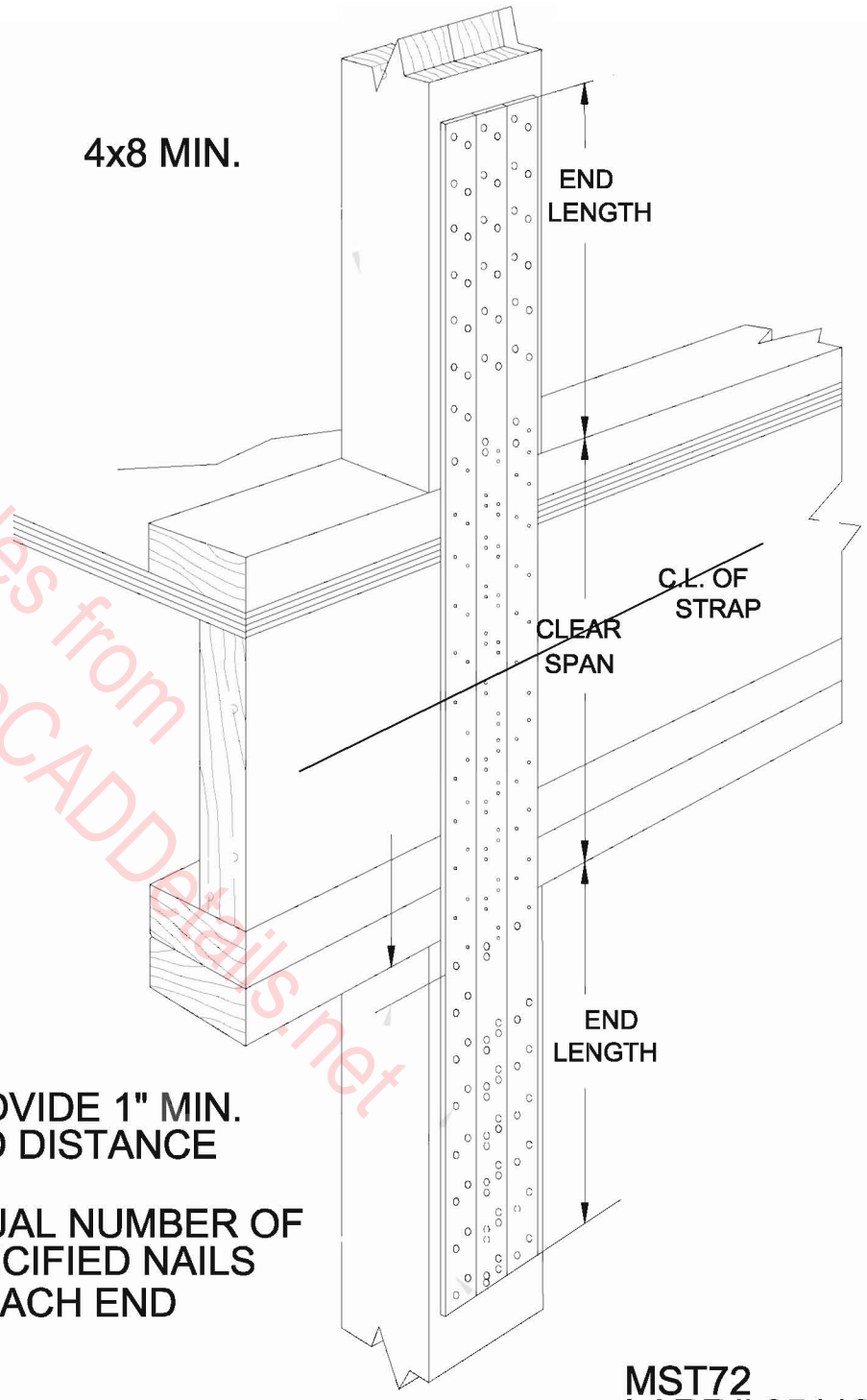
Samples from
www.AutoCADDetails.net

MST72 W/4x4 POST
(48-16d NAILS)

2-MST72 W/4x6 POST
(48-16d NAILS)

3-MST72 W/4x6 POST
(48-16d NAILS)

4x8 MIN.

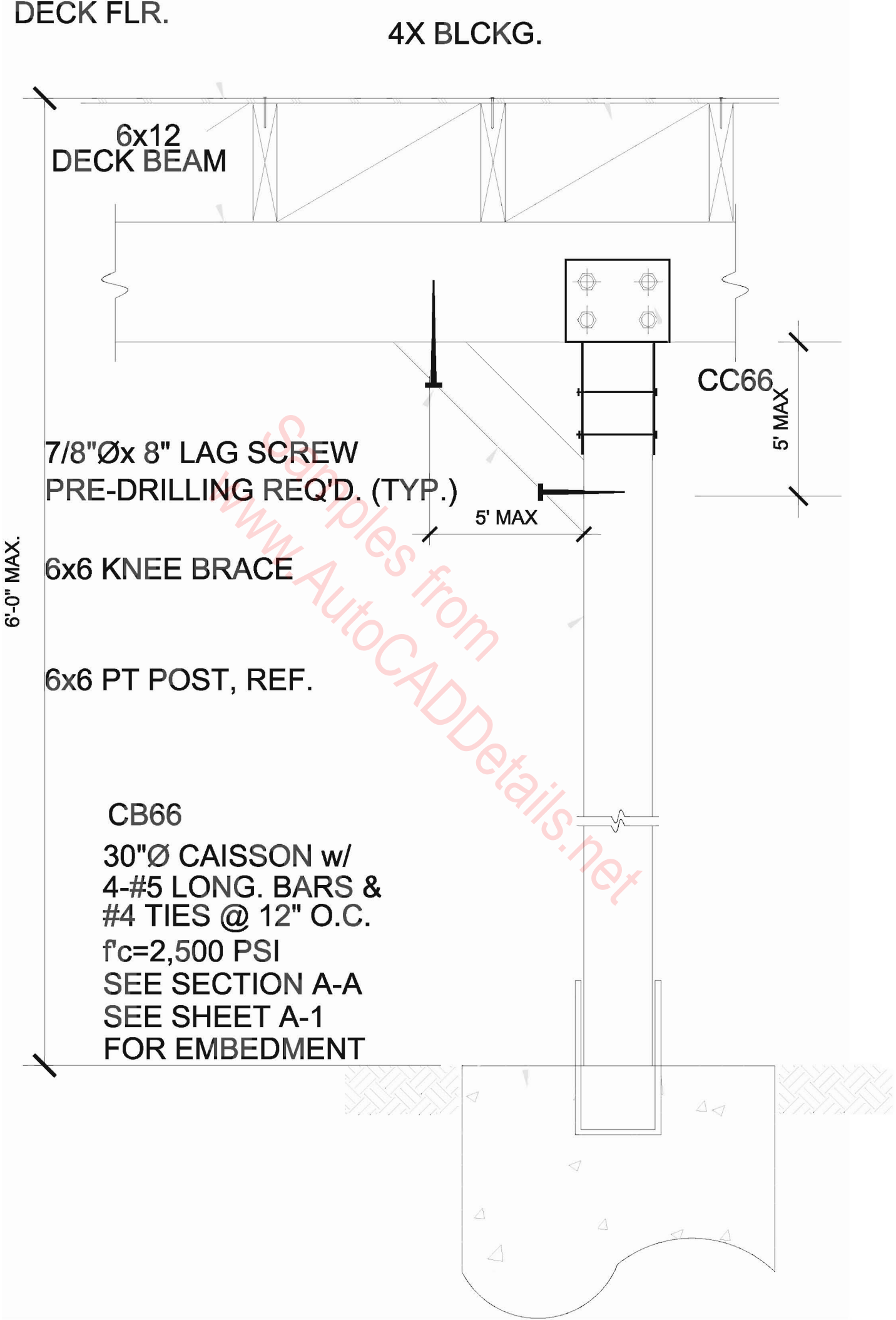


PROVIDE 1" MIN.
END DISTANCE

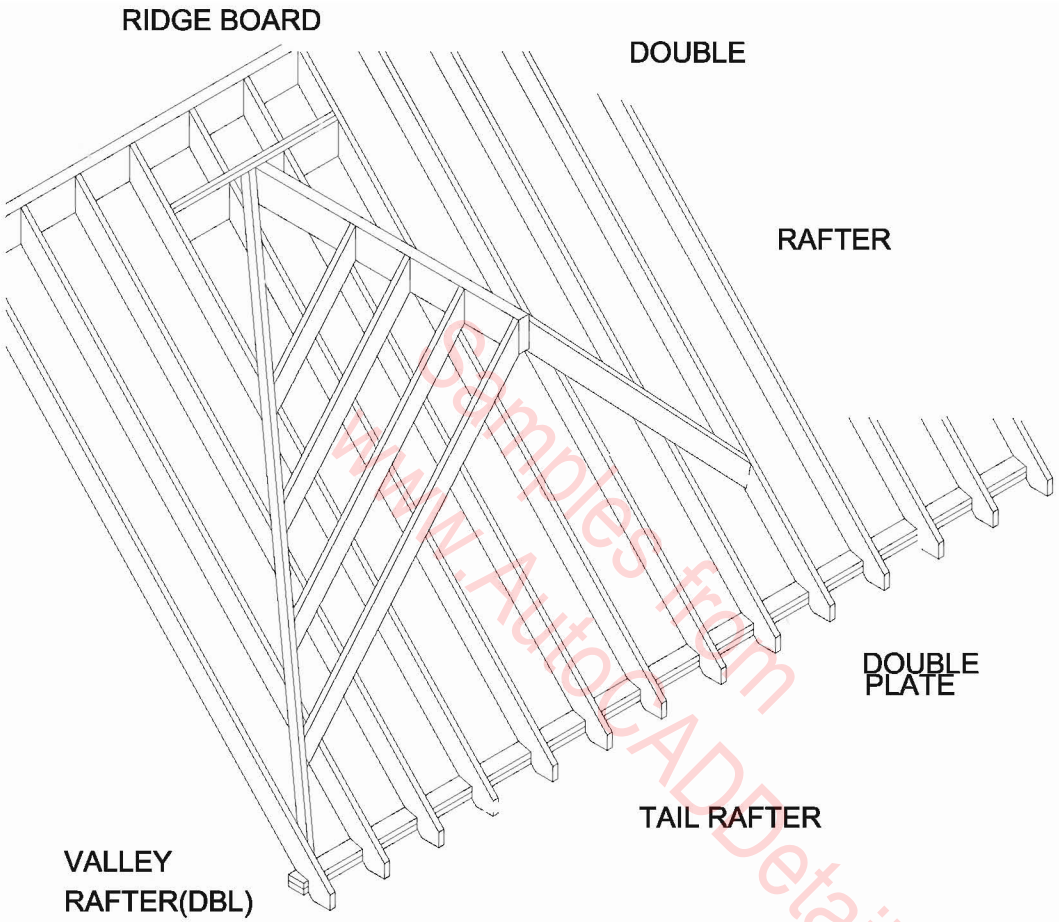
EQUAL NUMBER OF
SPECIFIED NAILS
IN EACH END

MST72
LARR# 25119
(48-16d NAILS)

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

NOTES ON EXPANSIVE SOIL :

IF EXPANSIVE IS ENCOUNTERED ON SITE THE FOLLOWING REQUIREMENTS SHALL BE COMPLIED WITH:

1.) DEPTH OF FOOTING BELOW NGL AND FGL SHALL NOT BE LESS THAN 24" EXTERIOR AND 18" INTERIOR FOOTINGS.

2.) EXTERIOR WALL AND INTERIOR BEARING WALLS SHALL BE SUPPORTED ON CONTINOUS FOOTINGS.

3.) FOOTINGS SHALL BE REINFORCED WITH FOUR #4 DEFORMED REINFORCING BARS.TWO SHALL BE PLACED 4" OF THE BOTTOM OF THE FOOTING AND TWO BARS WITHIN 4" OF THE TOP OF THE FOOTING.

4.) CONCRETE FLOOR SLABS ON GRADE SHALL BE PLACED ON A 4" FILL OF COURSE AGGREGATE OR ON MOISTURE BARRIER MEMBRANE.THE SLABS SHALL BE AT LEAST 3 1/2"THICK AND SHALL BE REINFORCED WITH #4 REABRS @16"O.C.EACH WAY.

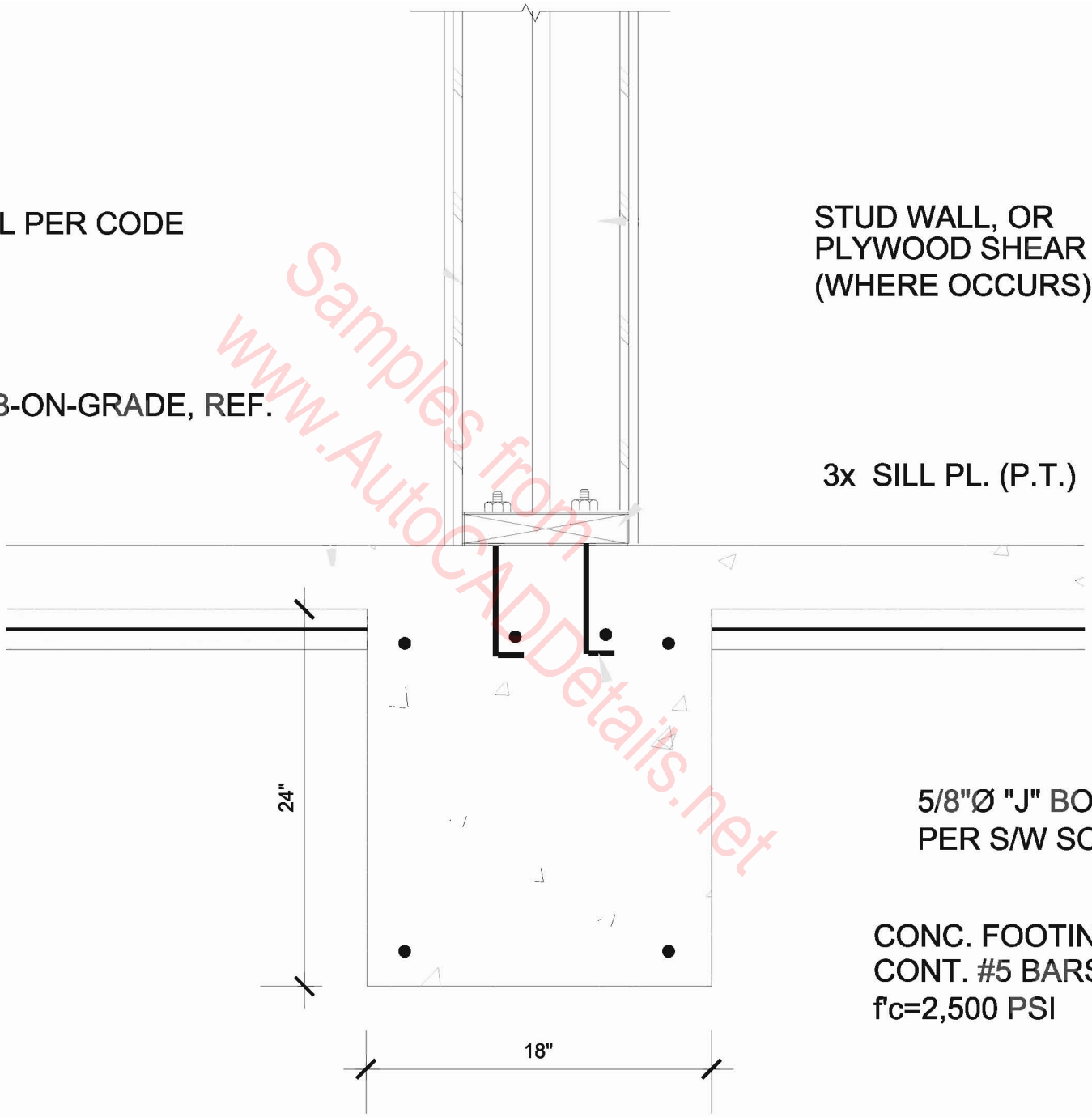
5.) THE SOIL BELOW AN INTERIOR CONCRETE SLAB SHALL BE SATURATED WITH MOISTURE TO A DEPTH OF 18" PRIOR TO PLACING OF CONCRETE.

DRYWALL PER CODE

STUD WALL, OR
PLYWOOD SHEAR WALL
(WHERE OCCURS)

SLAB-ON-GRADE, REF.

3x SILL PL. (P.T.)



5/8"Ø "J" BOLTS
PER S/W SCHD.

CONC. FOOTING w/ 3
CONT. #5 BARS
f'c=2,500 PSI

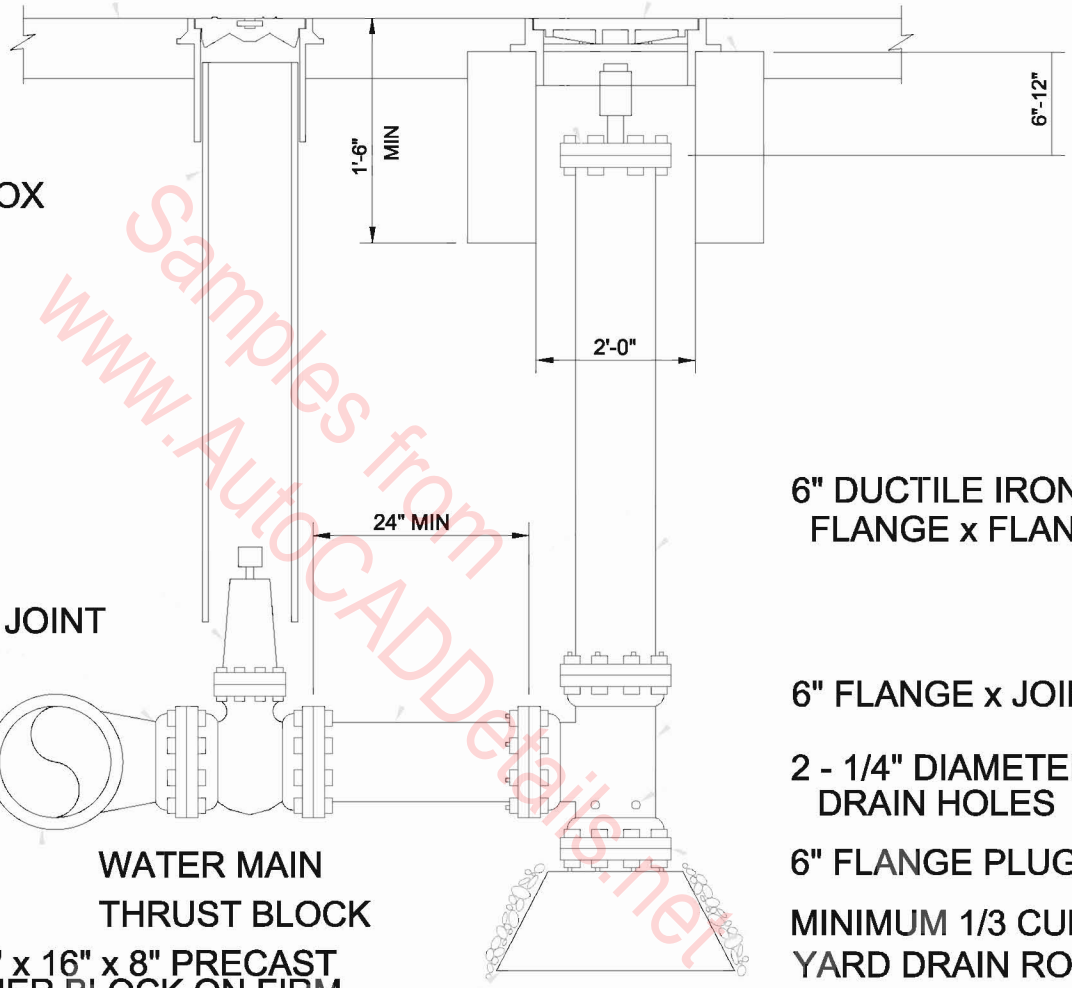
Samples from
www.AutoCADDetails.net

6" BLIND FLANGE WITH
2" TAP AND PLUG

STREET SURFACE

STANDARD MANHOLE
FRAME AND COVER

24" CONCRETE RISERS



ADJUSTABLE VALVE BOX

6" DUCTILE IRON PIPE
FLANGE x FLANGE

6" GATE VALVE

MECHANICAL JOINT
x FLANGE PIPE

6" FLANGE x JOINT TEE

2 - 1/4" DIAMETER
DRAIN HOLES

6" FLANGE PLUG

WATER MAIN

THRUST BLOCK

16" x 16" x 8" PRECAST
PIER BLOCK ON FIRM
UNDISTURBED EARTH

MINIMUM 1/3 CUBIC
YARD DRAIN ROCK TO 6"
ABOVE DRAIN HOLES

Samples from www.AutoCADDetails.net

NOTES

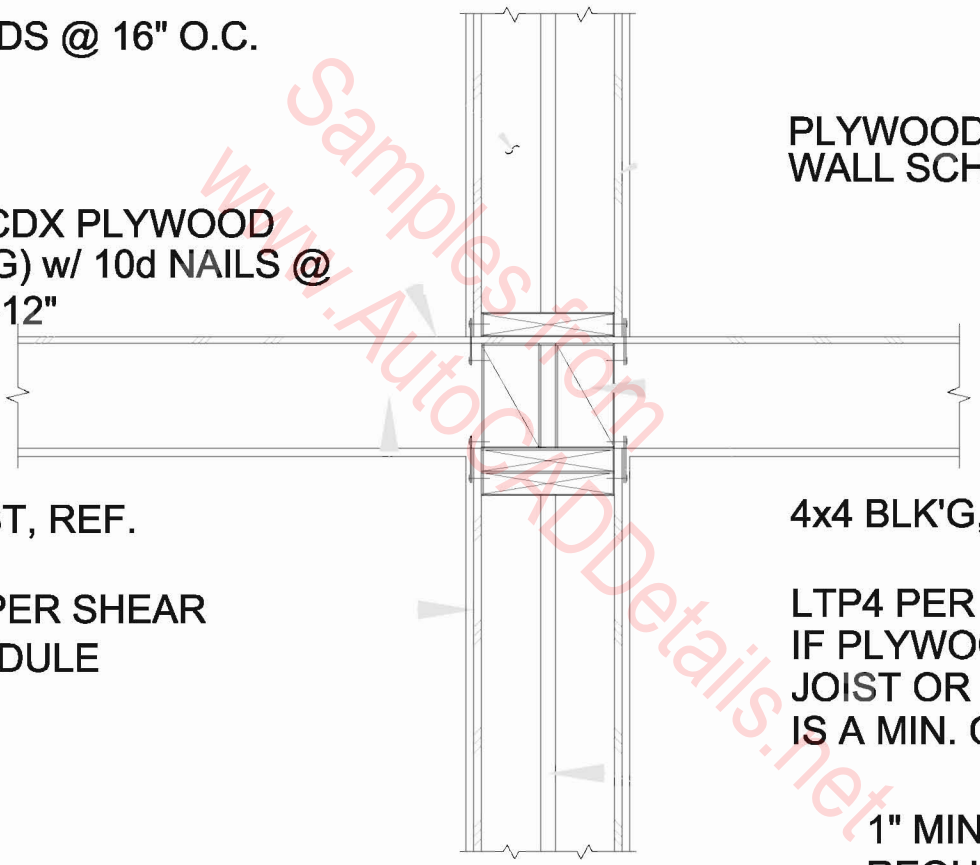
1. FOR BLOW-OFF OPERATIONS, REMOVE PIPE CAP AND ADD A 2" PIPE EXTENTION AND 2" CHECK VALVE ASSEMBLY.
2. BACK-FLOW PREVENTION DEVICES REQ'D FOR ALL BLOW-OFF ASSEMBLIES.

6" BLOWOFF
ASSEMBLY

2x STUDS @ 16" O.C.

PLYWOOD PER SHEAR
WALL SCHEDULE

3/4" CDX PLYWOOD
(T & G) w/ 10d NAILS @
4"-4"-12"



FLOOR JOIST, REF.

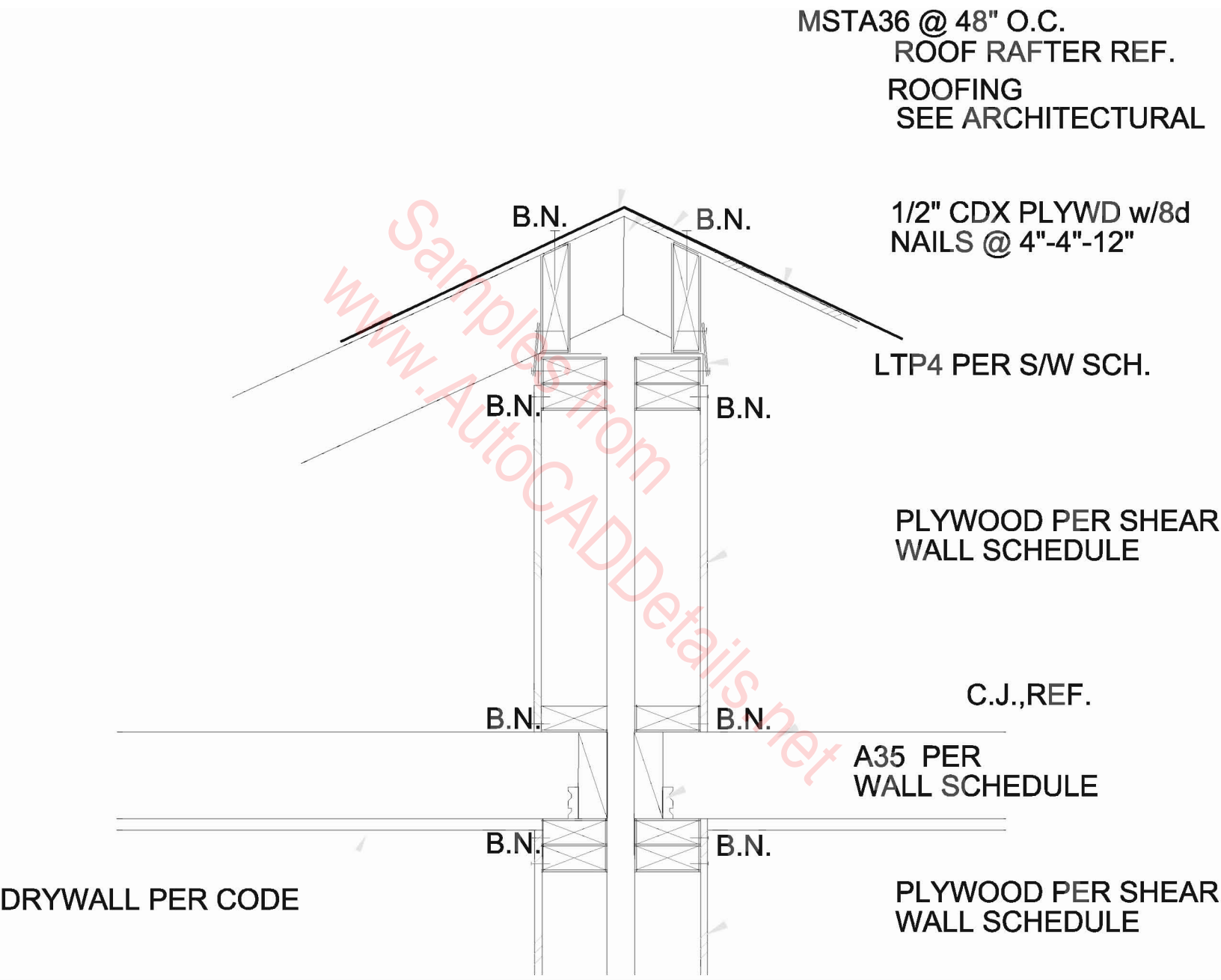
4x4 BLK'G, REF.

PLYWOOD PER SHEAR
WALL SCHEDULE

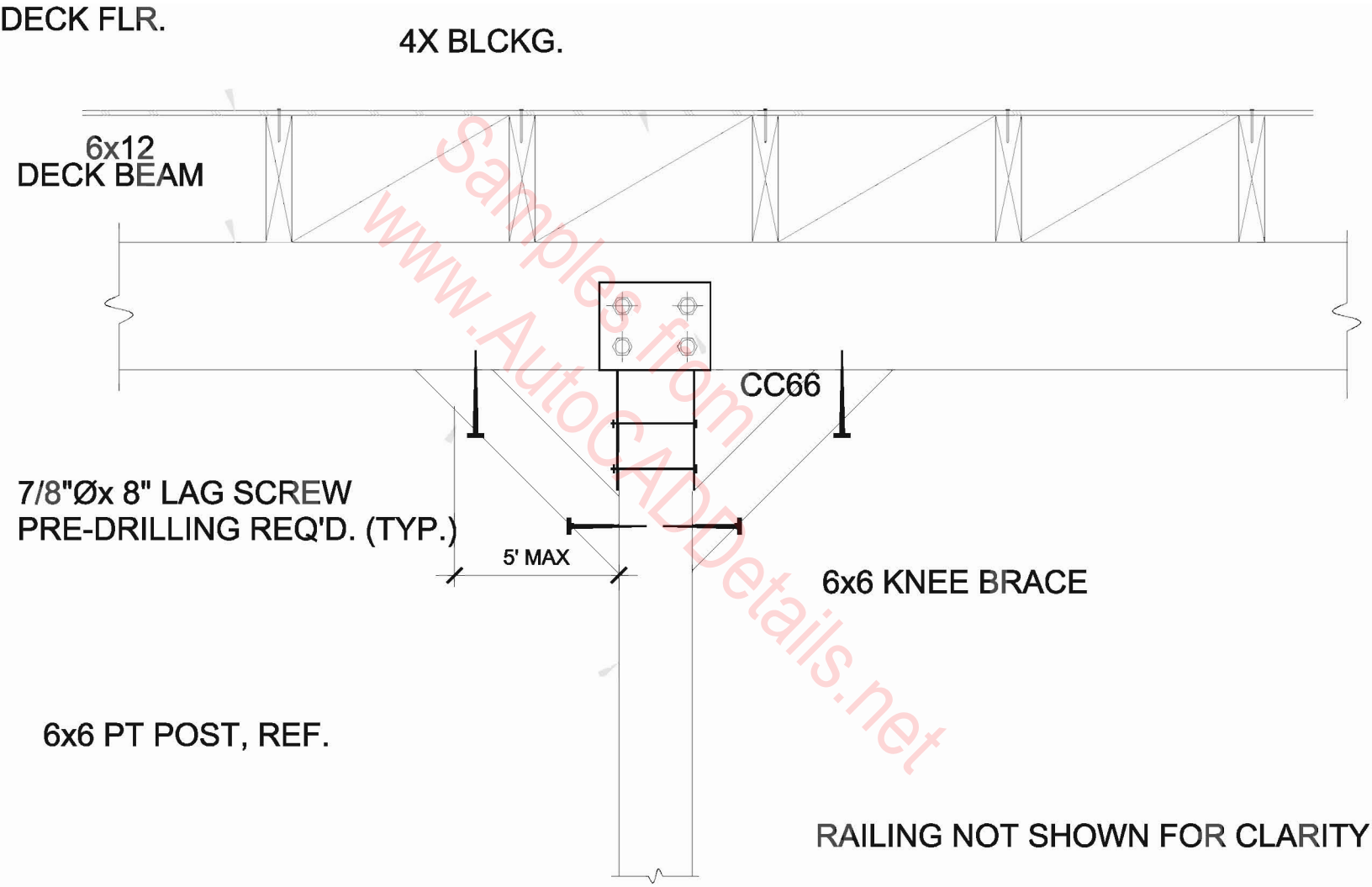
LTP4 PER S/W SCH., NOT REQ'D
IF PLYWOOD IS NAILED TO RIM
JOIST OR BLK'G, AND PANEL
IS A MIN. OF 48" HIGH (TYP.)

1" MIN. AIR-GAP
REQUIRED

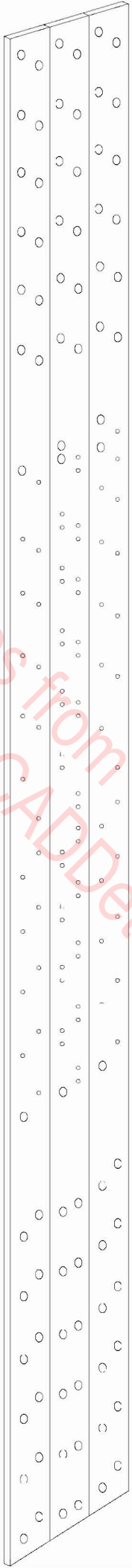
Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



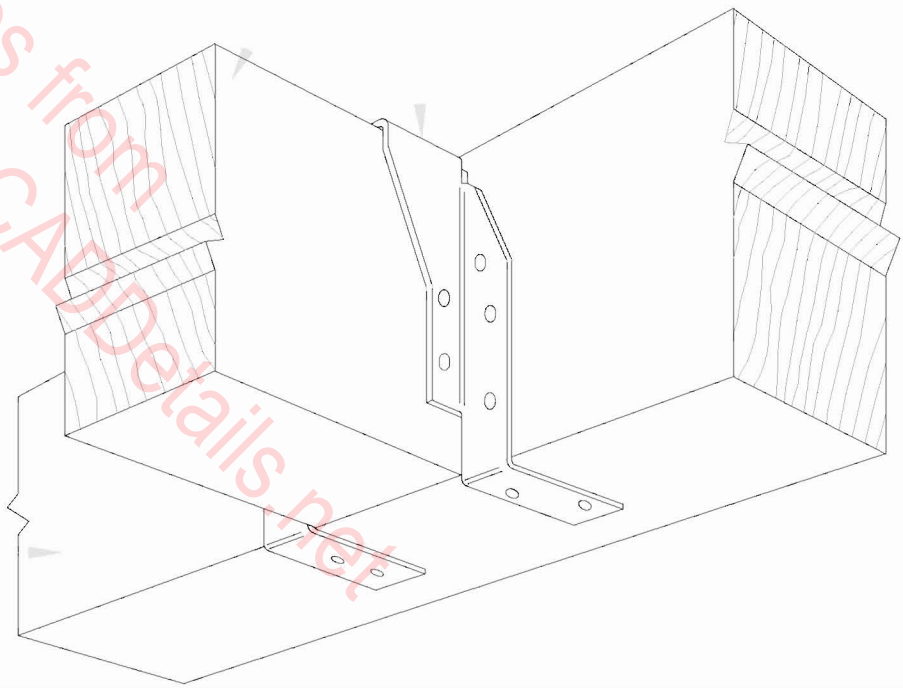
Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

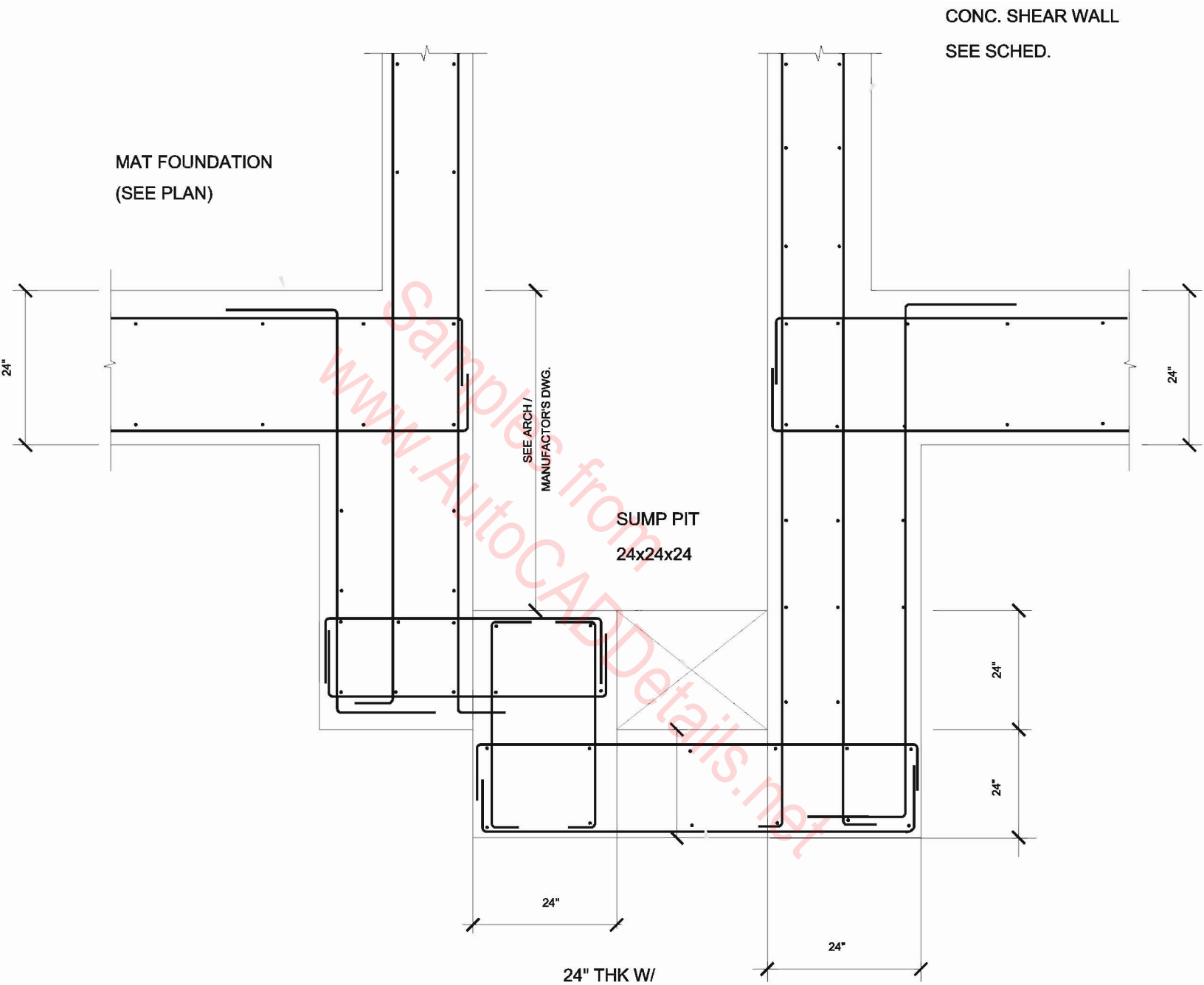
WOOD BEAM, REF.

HU___TF, REF.



WOOD BEAM, REF.

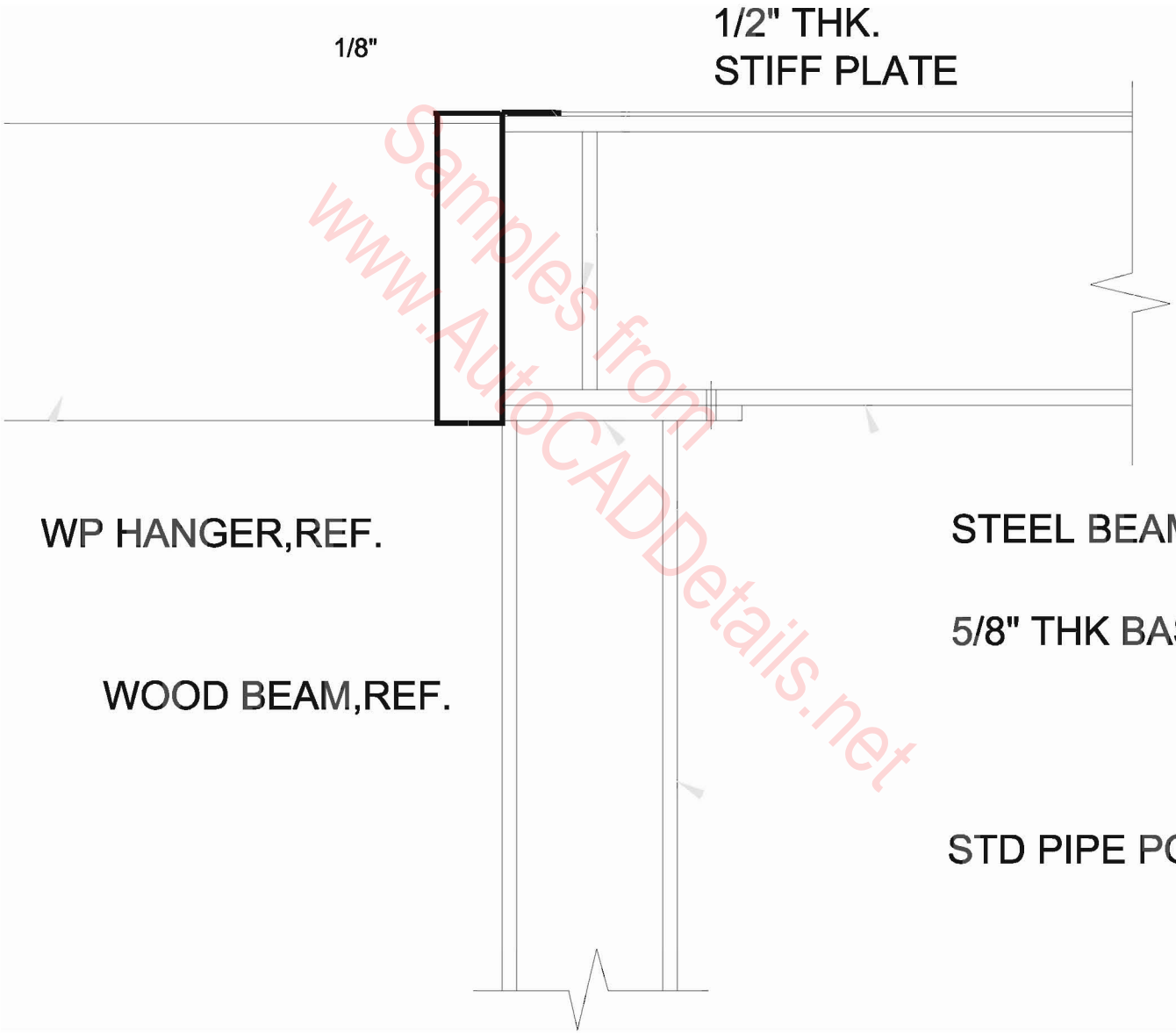
Samples from www.AutoCADDetails.net



24" MAT FOUNDATION

(SEE PLAN FOR REINF.)

Sample from www.AutoCADDetails.net

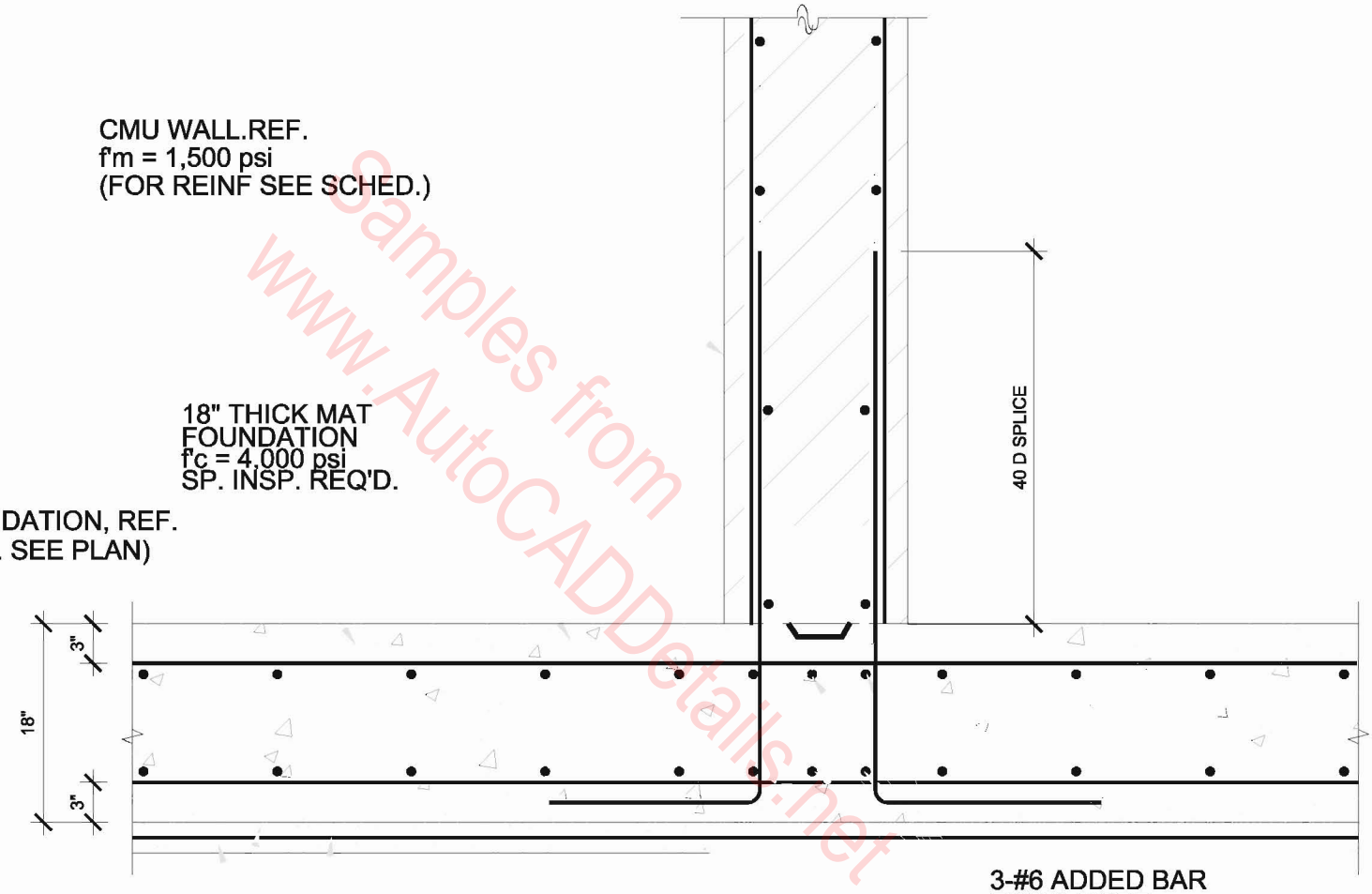


Samples from
www.AutoCADDetails.net

CMU WALL.REF.
f'm = 1,500 psi
(FOR REINF SEE SCHED.)

18" THICK MAT
FOUNDATION
f'c = 4,000 psi
SP. INSP. REQ'D.

MAT FOUNDATION, REF.
(FOR REINF. SEE PLAN)

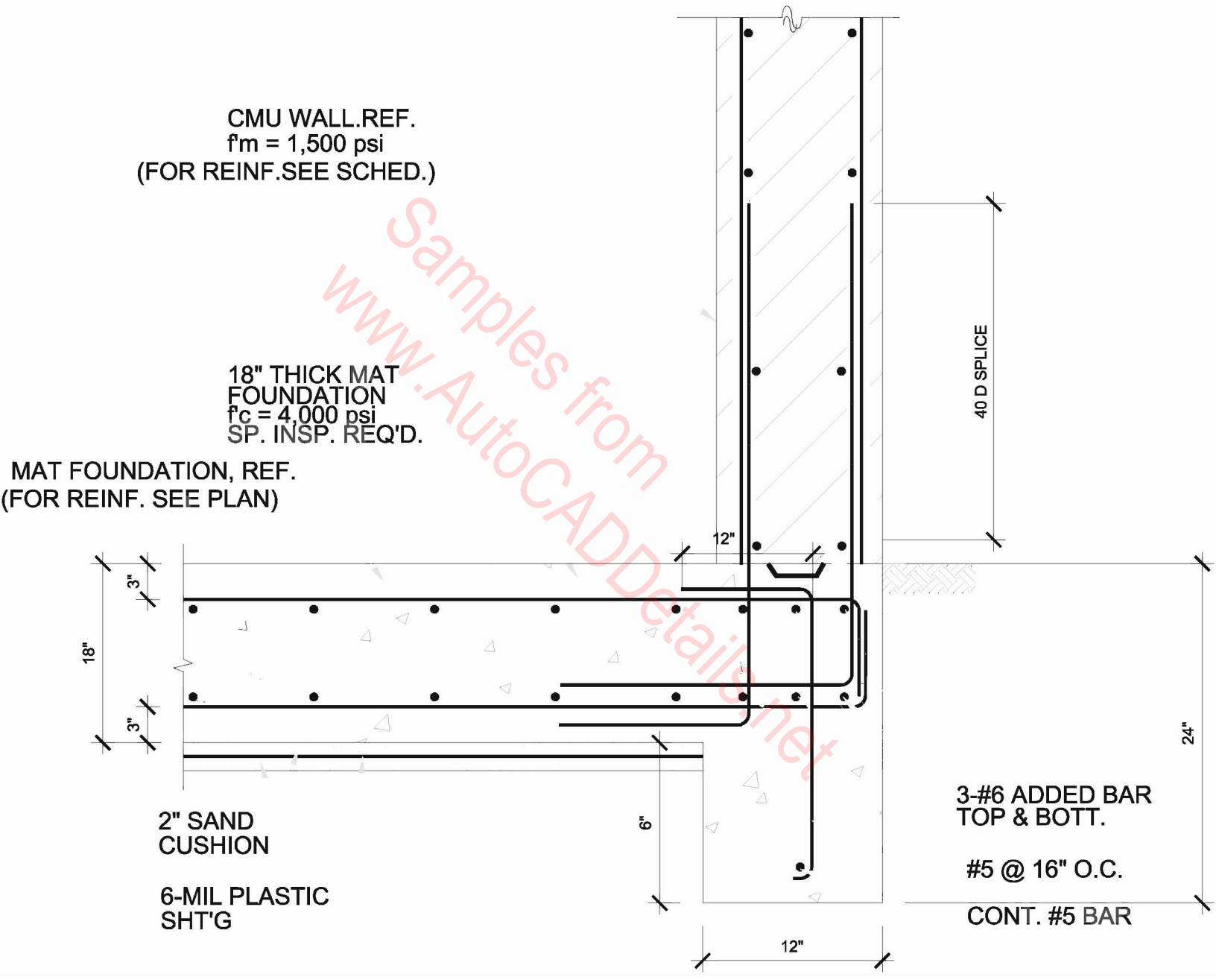


2" SAND
CUSHION

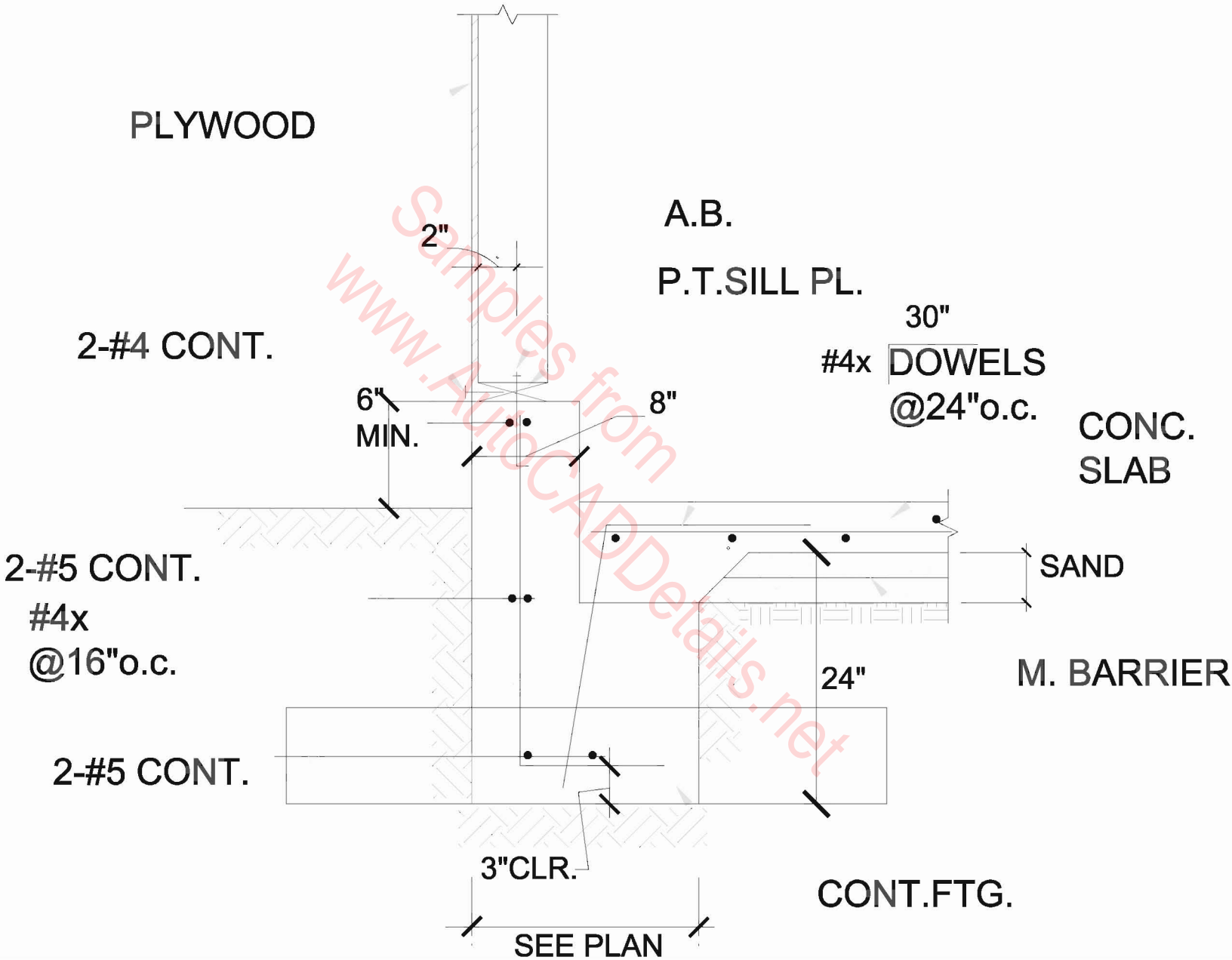
6-MIL PLASTIC
SHT'G

3-#6 ADDED BAR
TOP & BOTT.

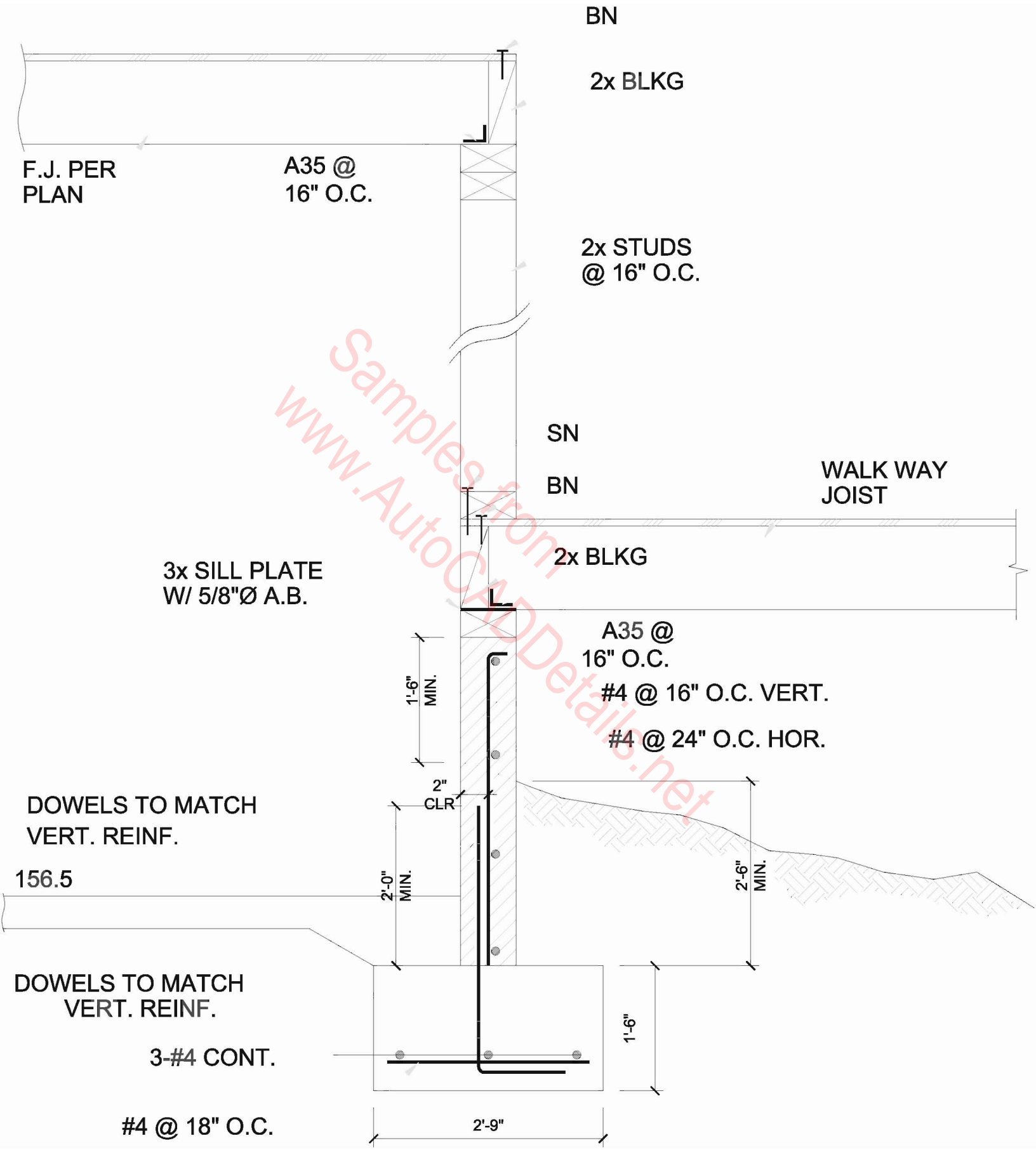
Samples from
www.AutoCADDetails.net



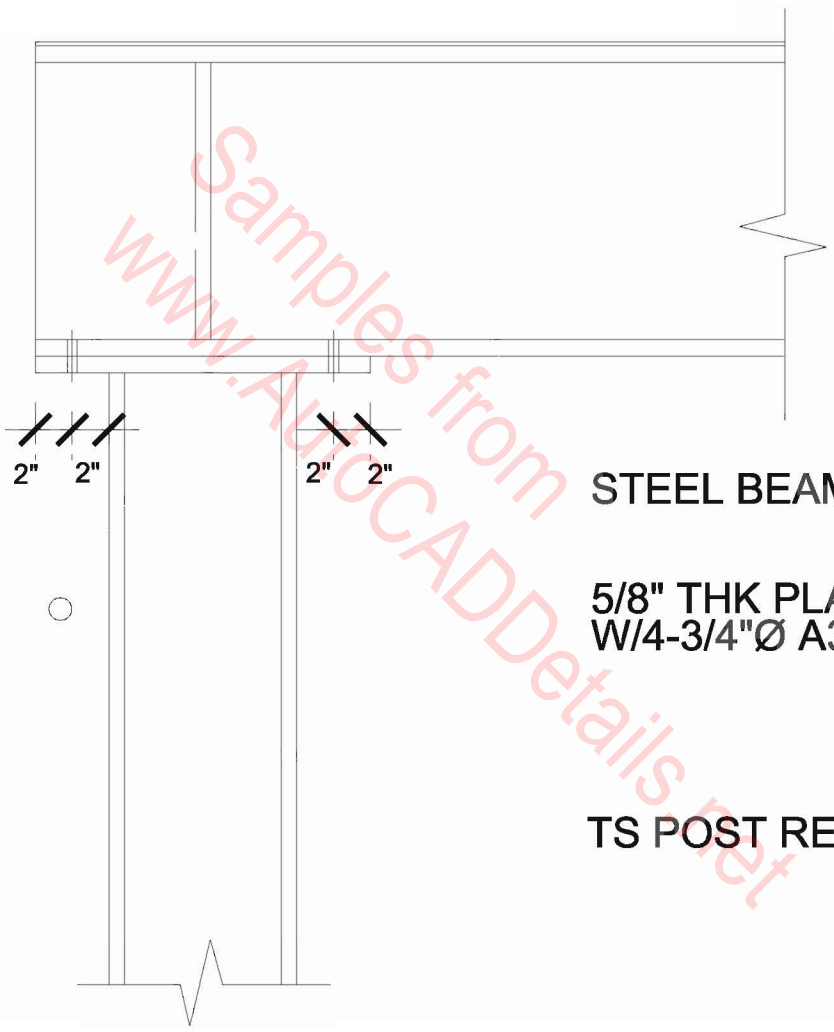
Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



1/2" THK.
STIFF PLATE

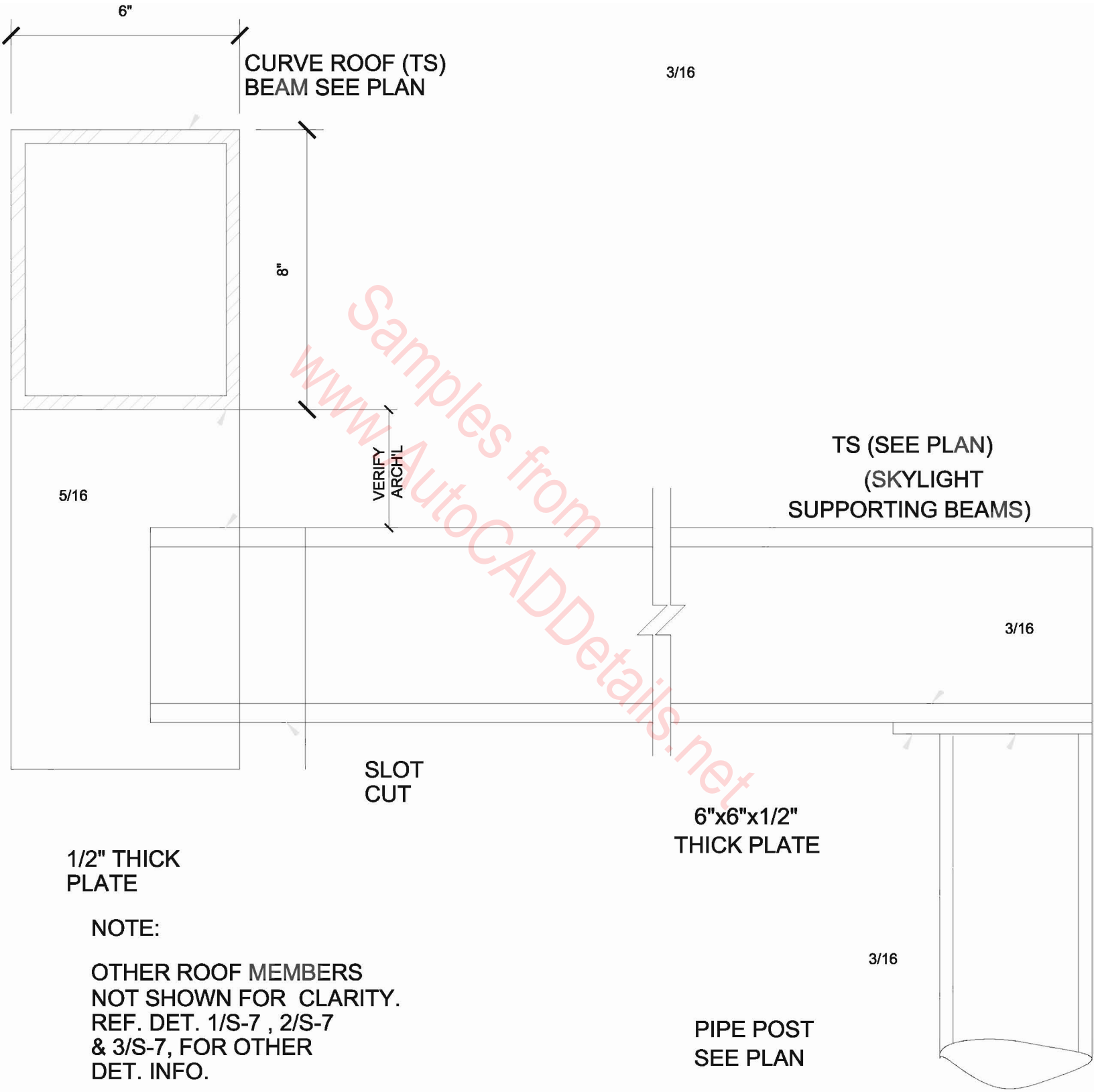
3/16

STEEL BEAM,REF.

5/8" THK PLATE X BEAM WIDTH +4"
W/4-3/4"Ø A307 BOLTS

TS POST REF.

Samples from
www.AUTOCADDetails.net



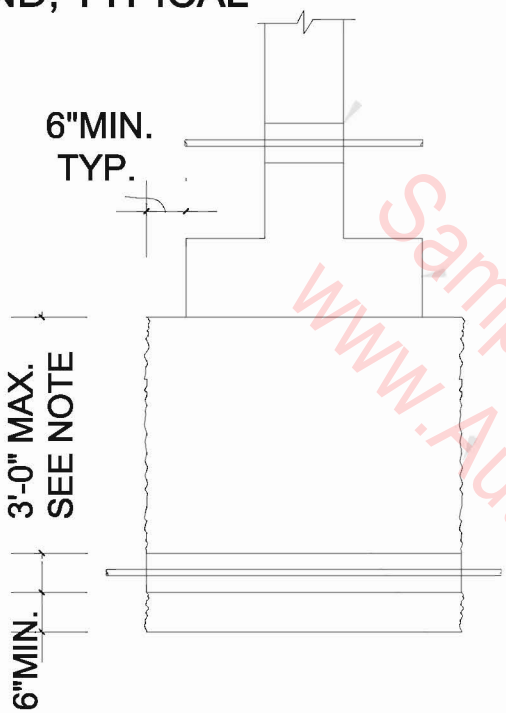
NOTE:

OTHER ROOF MEMBERS
NOT SHOWN FOR CLARITY.
REF. DET. 1/S-7 , 2/S-7
& 3/S-7, FOR OTHER
DET. INFO.

Samples from
www.AutoCADDetails.net

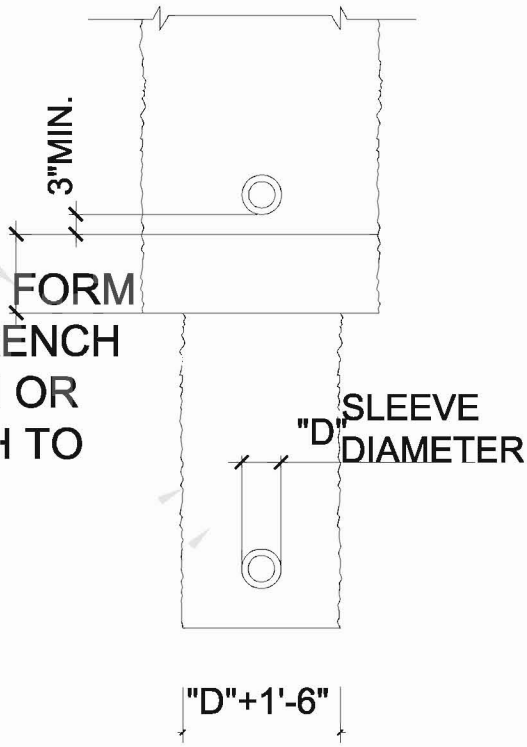
ALL PIPE SLEEVES
TO BE 1" CLEAR ALL
AROUND, TYPICAL

IF PIPE OCCURS IN THIS AREA
LOWER FOOTING. SO PIPE PASSES
THRU WALL, STEP FTG. AS REQUIRED



FOOTING

CONTRACTOR MAY FORM
ENDS OF CONC. TRENCH
FILL AT HIS OPTION OR
LET CONC. SLOUGH TO
NATURAL SLOPE.



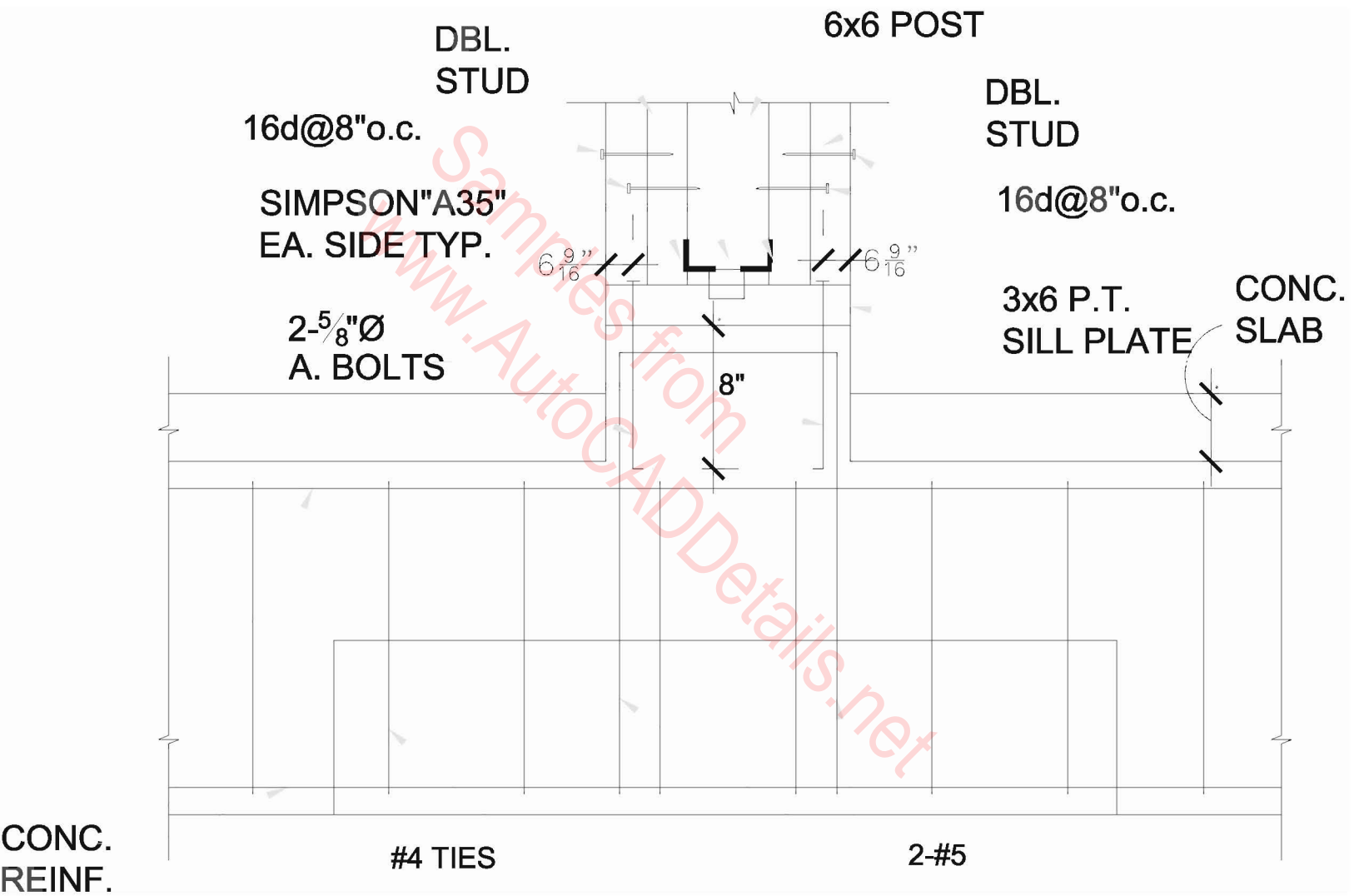
SECTION

ELEVATION

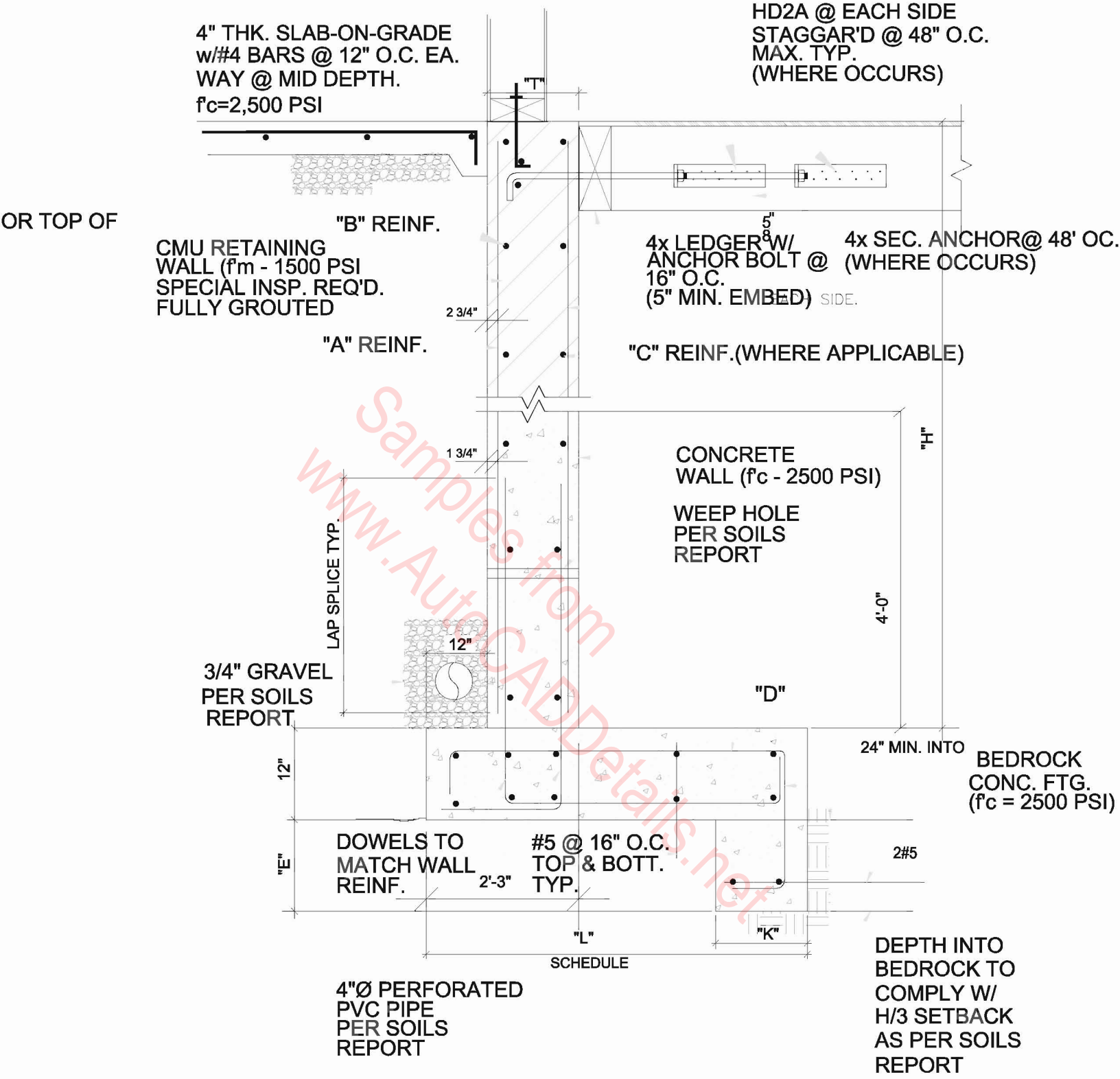
THIS CONCRETE MUST BE
POURED BEFORE FOOTING
IS POURED.

Sample from www.AutoCADDetails.net

NOTES:
1. SEE MECH. SPEC'S. FOR CAULKING AROUND THRU PIPES.
2. FOR PIPES MORE THAN 3'-0" BELOW BOTTOM OF FOOTINGS
   COMPACT SOIL TO 95%



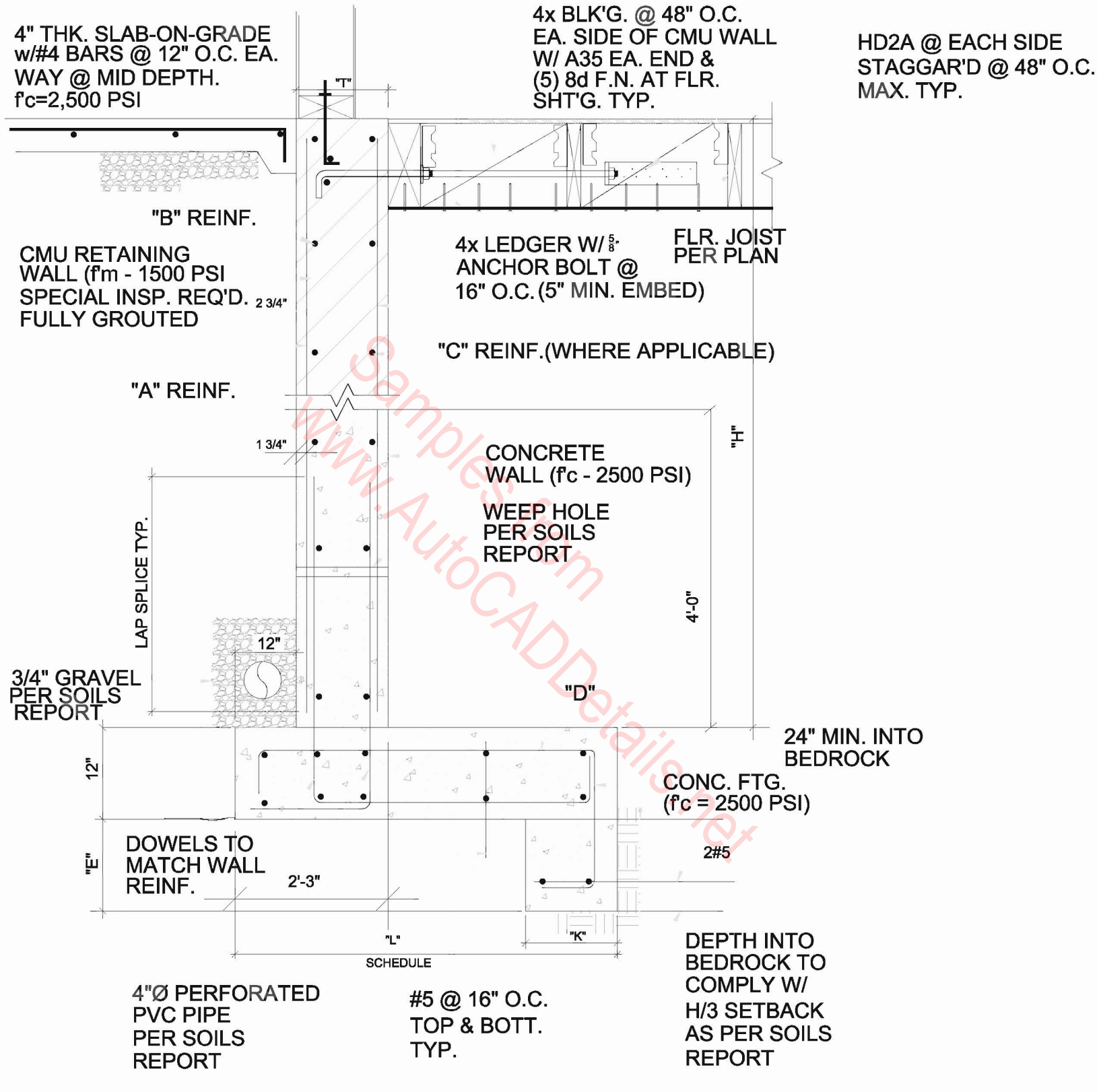
Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

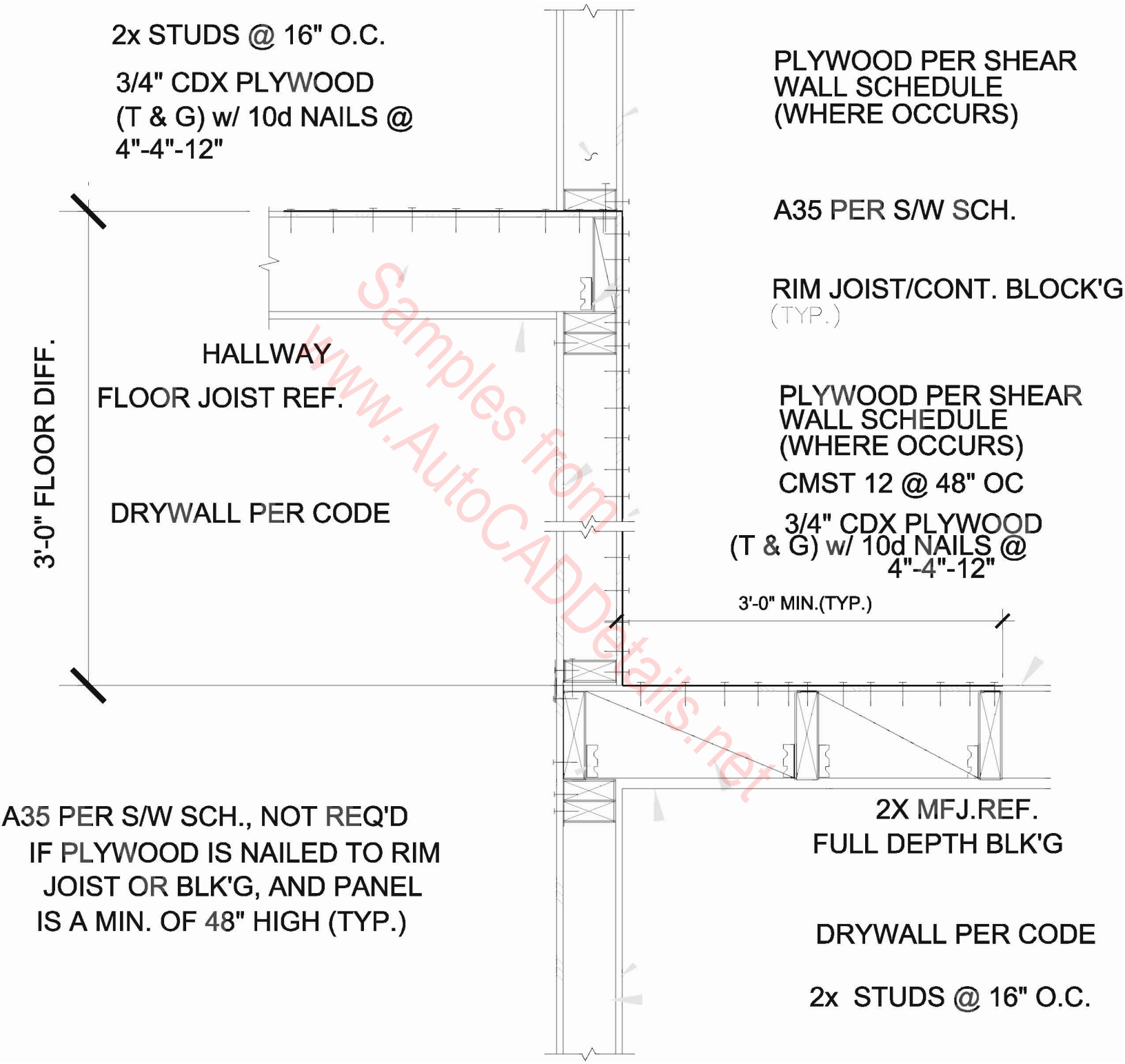
"H"	"T"	"L"	"E"	"K"	"A"	"B"	"C"	"D"
11"	10	4'-6"	–	–	#5@8"O.C.	#4@24"O.C.	–	#5@16"O.C.

1/8" X 3" STRAP ON 4X BLKG
(SEE DETAIL 3 ON THIS SHEET)



"H"	"T"	"L"	"E"	"K"	"A"	"B"	"C"	"D"
11"	10	4'-6"	–	–	#5@8"O.C.	#4@24"O.C.	–	#5@16"O.C.

Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

1-PHD6-SDS3
w/4x4 POST
(18 SCREWS-SDS3)

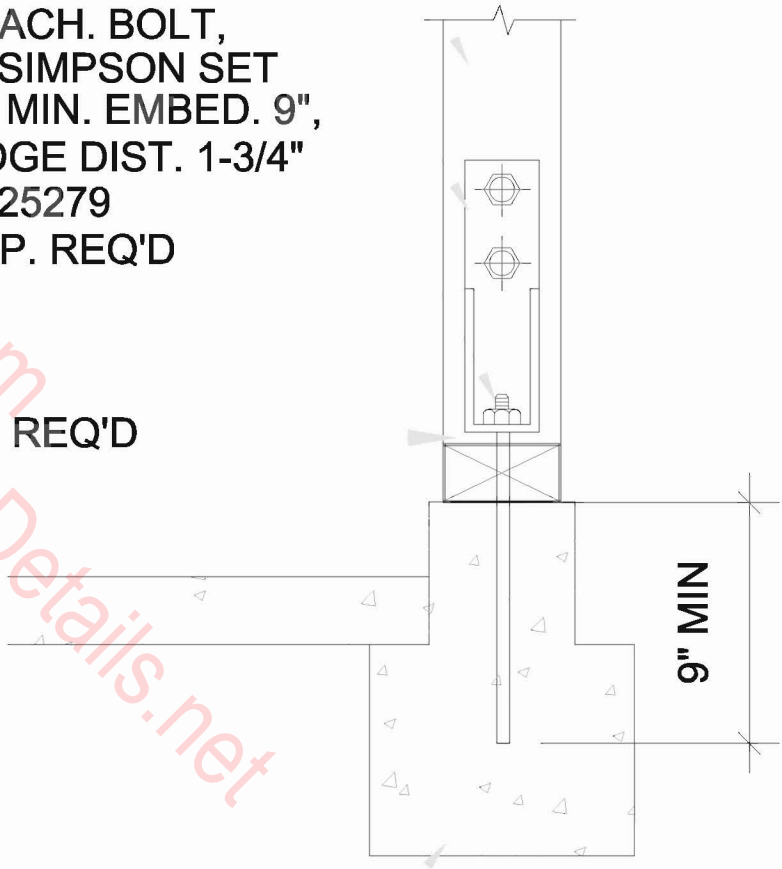
4x4

2-PHD8-SDS3
w/4x4 POST
(18 SCREWS)

PHD, REF.

7/8"Ø MACH. BOLT,
SET IN SIMPSON SET
EPOXY MIN. EMBED. 9",
MIN. EDGE DIST. 1-3/4"
LARR# 25279
SP. INSP. REQ'D

1" AIR GAP REQ'D



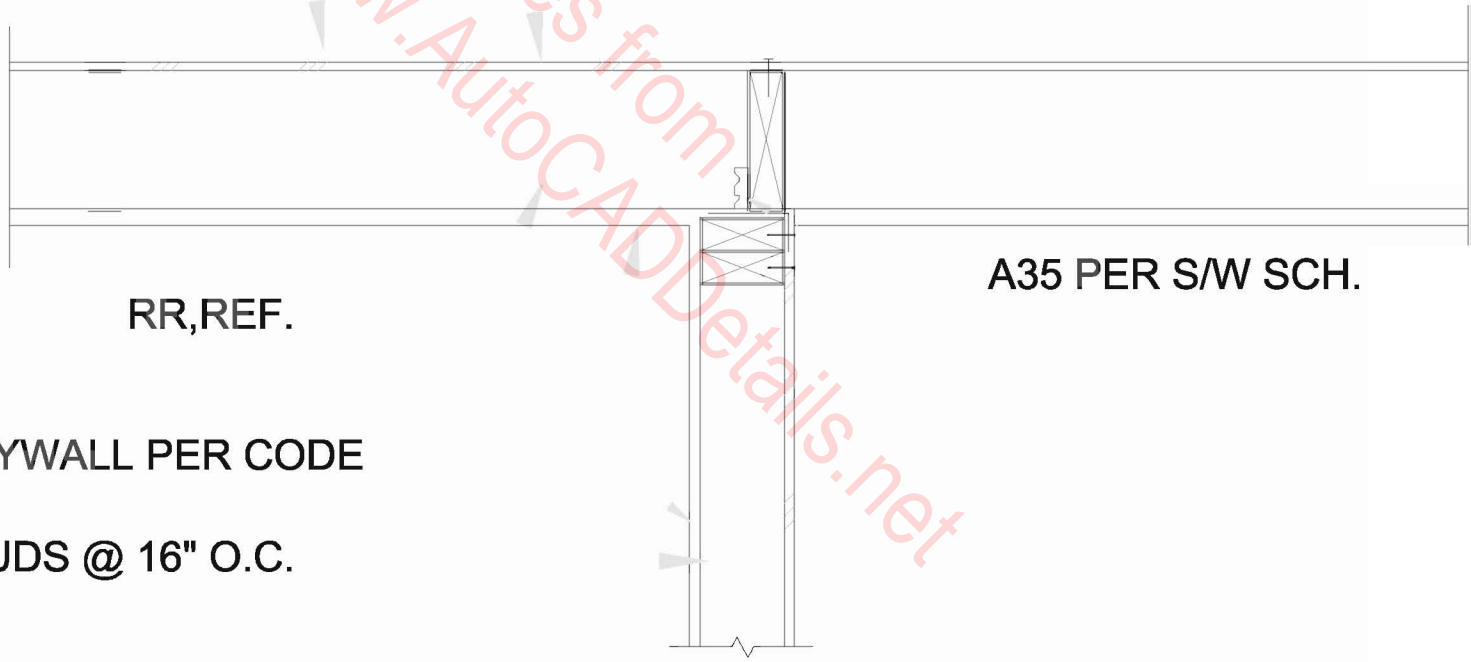
(E) CONC. FOOTING
& SLAB, REF.

SECTION

Samples from
www.AutoCADDetails.net

1/2" CDX PLYWOOD w/8d
NAILS @ 4"-4"-12"
PANEL INDEX <= 24"

ROOFING
SEE ARCHITECTURAL



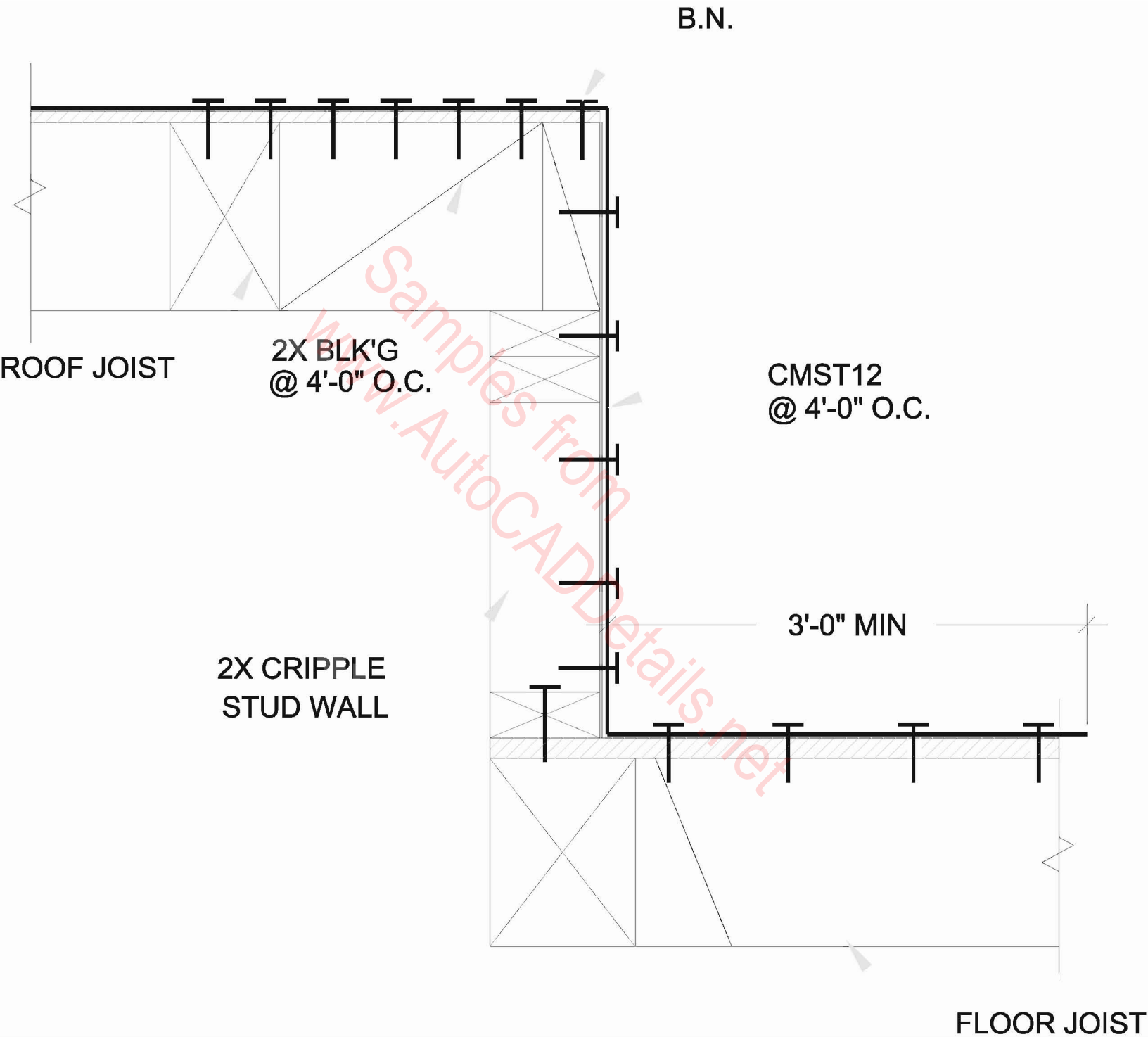
A35 PER S/W SCH.

RR,REF.

DRYWALL PER CODE

2x STUDS @ 16" O.C.

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

HOLD DOWN	ROD DIA.	EMBEDMENT DEPTH (de)	BOLTS W/ WASHERS TO POST
HD-2A	5/8" DIA.	12"	2-5/8" DIA.
HD-5A	3/4" DIA.	12"	3-3/4" DIA.
HD-6A	7/8" DIA.	12"	2-7/8" DIA.
HD-8A	7/8" DIA.	12"	3-7/8" DIA.
HD-10A	7/8" DIA.	12"	4-7/8" DIA.
HD-20A	1 1/4" DIA.	14"	4-1" DIA.

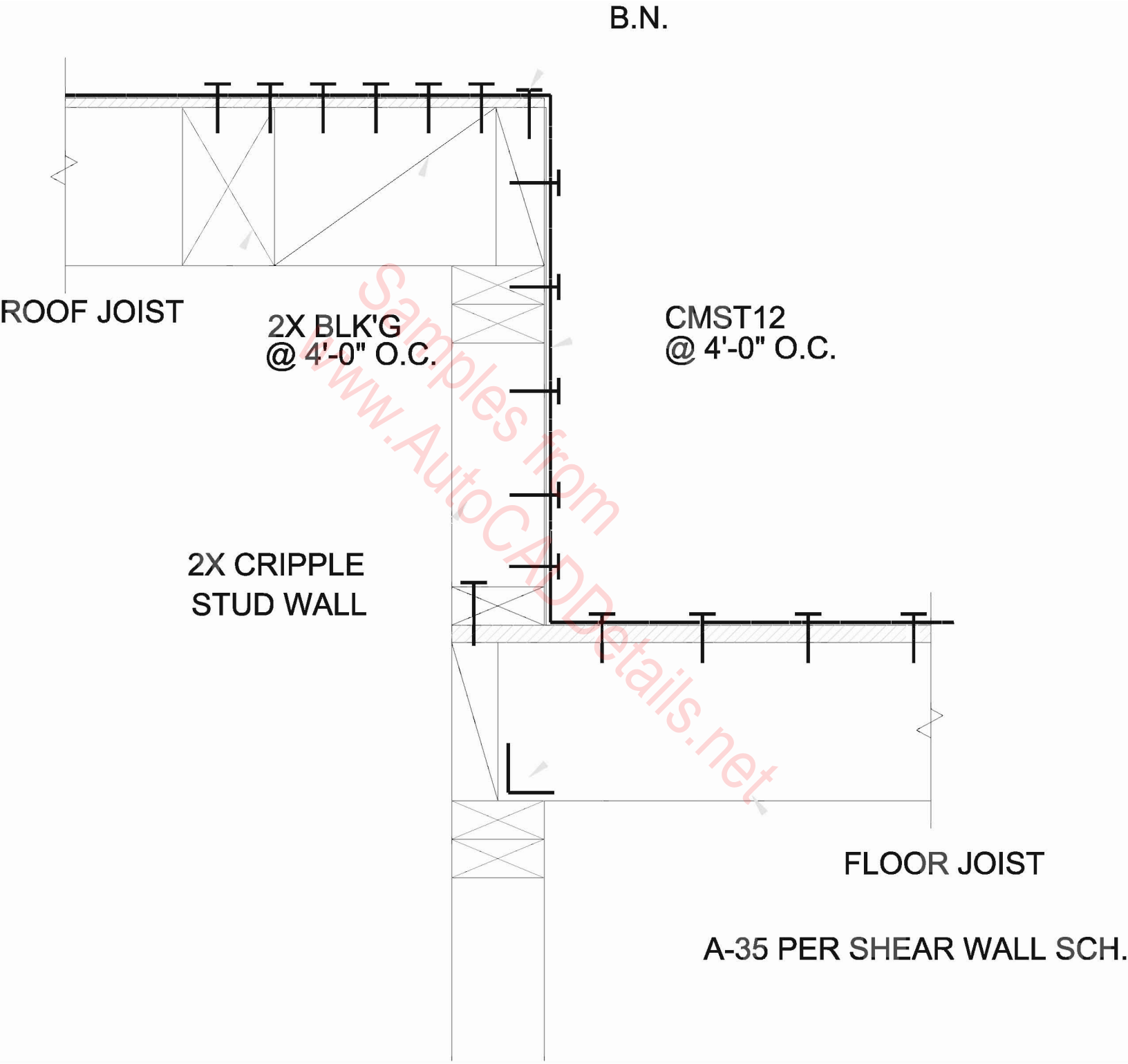
MINIMUM END MEMBER/POST	
HD-2A	2-2x
HD-5A	2-2x
HD-6A	4x6 POST
HD-8A	4x6 POST
HD-10A	4x6 POST
HD-14A	6x6 POST @ 2x6 STUD WALL, 4x10 @ 2x4 STUD WALL
HD-20A	6x6 POST @ 2x6 STUD WALL, 4x10 @ 2x4 STUD WALL

NOTES:

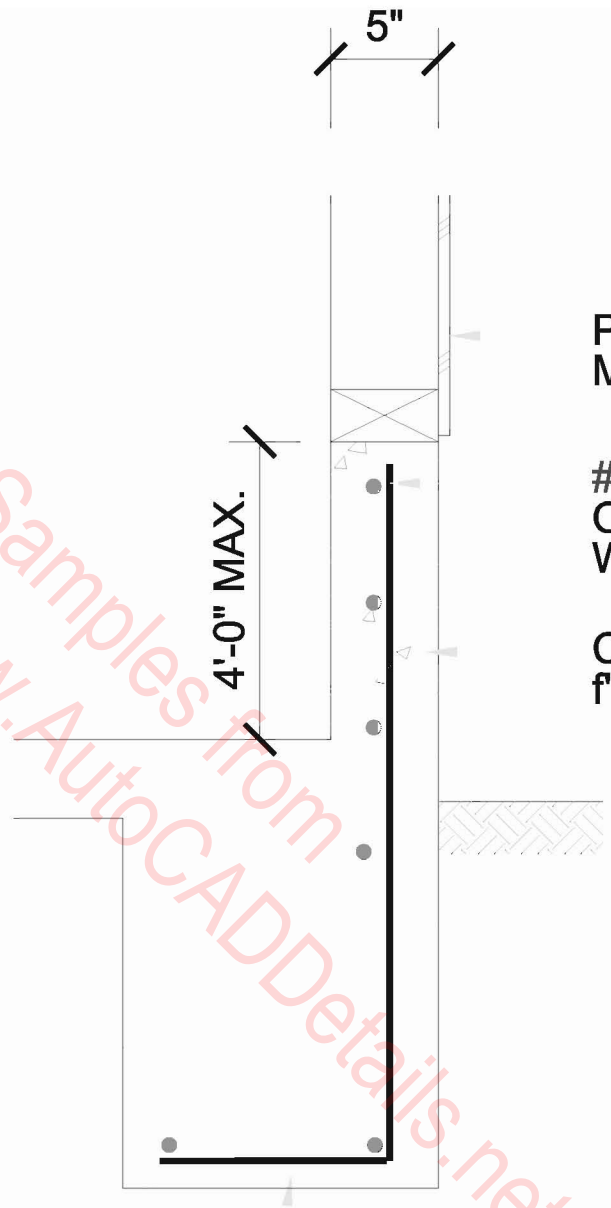
1. SEE FRAMING NOTES FOR OTHER APPLICABLE NOTES.
2. BOLT HD TO POST PER SCHEDULE. PROVIDE STD. CUT WASHERS ON OPP. SIDE OF POST
3. PROVIDE MIN. 3" COVER TO BOTTOM OF HD ROD, THICKEN FOOTING IF REQ'D.

Samples from www.AutoCADDetails.net

(HD-N)



Samples from
www.AutoCADDetails.net



P/W SHEAR WALL, REF.
MAX. HEIGHT 8'-0"

#4 BARS @ 12"
O.C. MAX. EA.
WAY @ CENTER

CONC. STEM WALL
f'c=2,500 PSI

CONCRETE
FOOTING, REF.

Samples from
www.AutoCADDetails.net

FOR BALANCE OF INFO SEE DET. 8 THIS SHEET

ONE-STORY SHEAR WALL & FOOTING

PLYWOOD PER SHEAR WALL SCHEDULE (WHERE OCCURS)

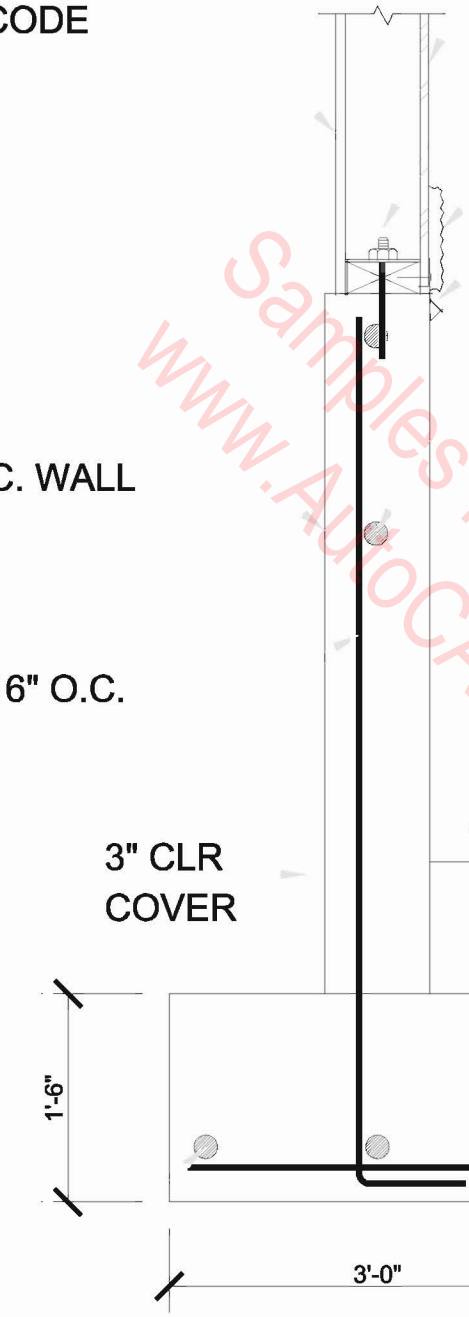
DRYWALL PER CODE

3x SILL PL. (P.T.)

7/8" STUCCO PER CODE

FLASHING PER CODE

#4 @ 12" O.C. HORIZ



8" CONC. WALL

#5 @ 16" O.C. VERT.

3" CLR COVER

±154.00

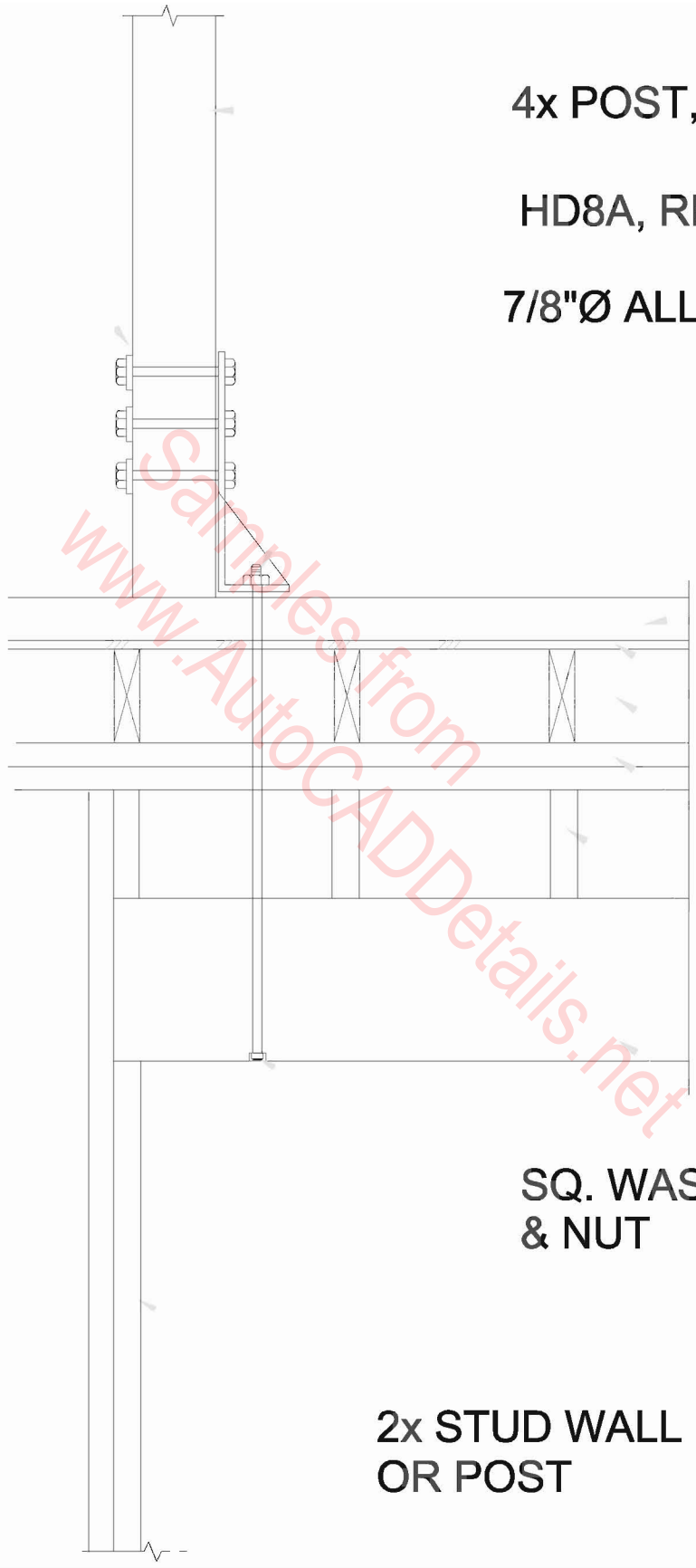
1'-6"

3-#4

3'-0"

#4 @ 18" O.C.

Samples from www.AutoCADDetails.net



SQ.WASHER
& NUT

4x POST,REF.

HD8A, REF.

7/8"Ø ALL THRD'D BOLT

2X PLATE

SUB FLOOR,REF.
2X RIM JOIST
2-2X PLATE

2X CRIPLLE STUD

4X HEADER,REF.

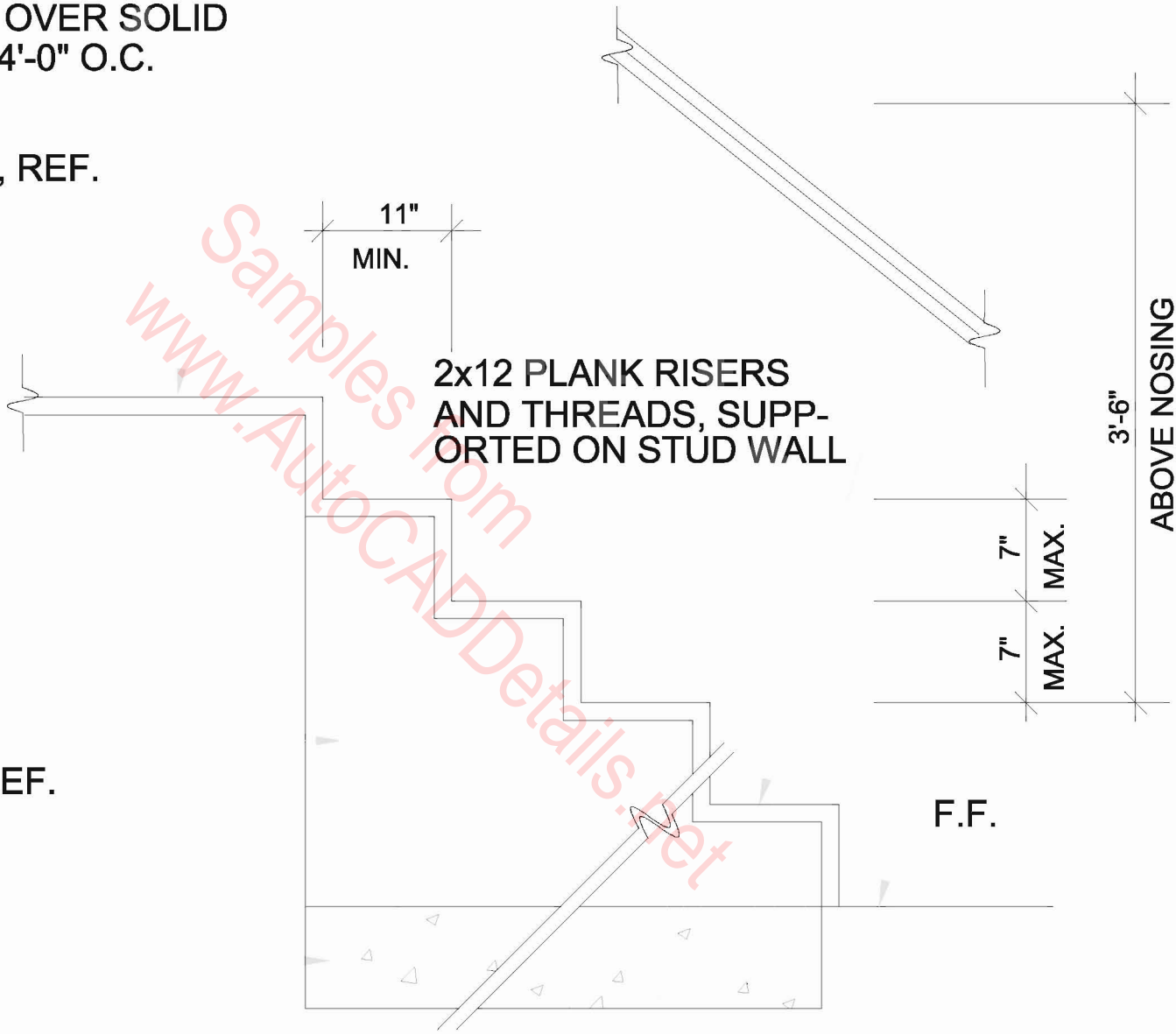
SQ. WASHER
& NUT

2x STUD WALL
OR POST

Samples from
www.AutoCADDetails.net

HANDRAIL, HANDGRIP
PORTION 1-1/4" TO 1-1/2"
ATTACH TO WALL w/4-1/4"Ø
LAG SCREWS OVER SOLID
BLOCKING @ 4'-0" O.C.

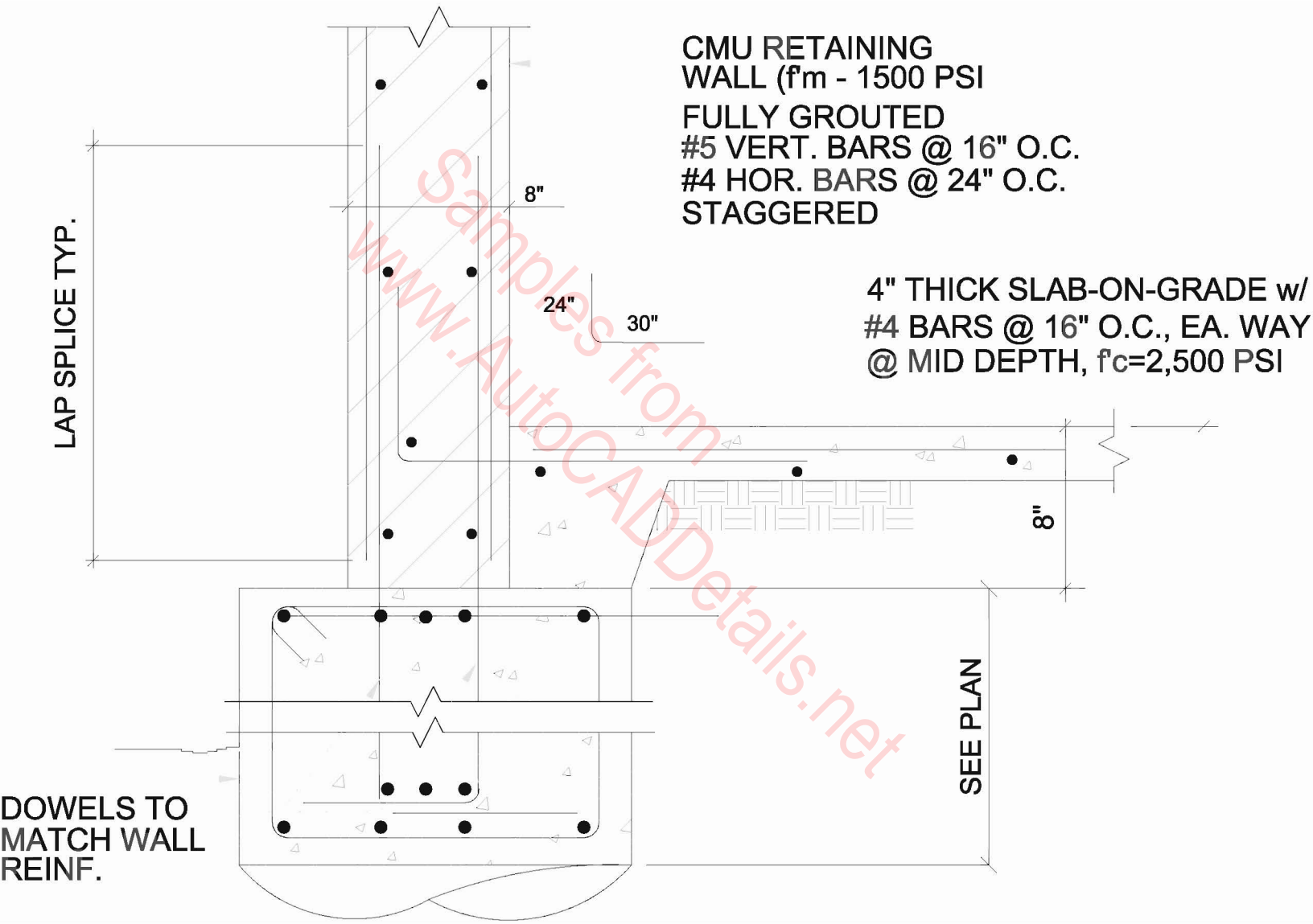
FLOOR SHT'G, REF.



STUD WALL
FOOTING, REF.

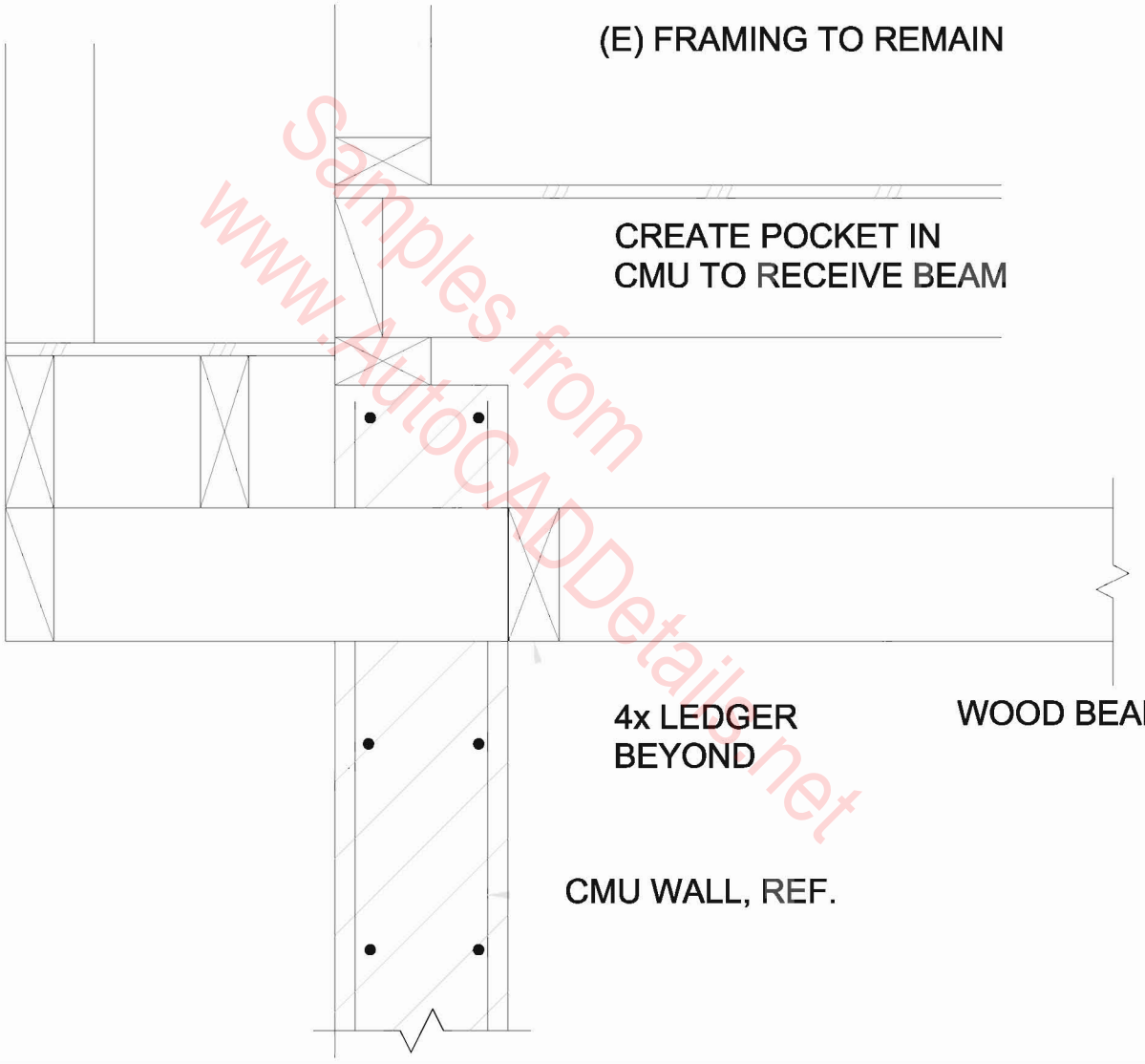
A MINIMUM HEADROOM OF 6'-8" MUST BE PROVIDED.

Samples from
www.AutoCADDetails.net

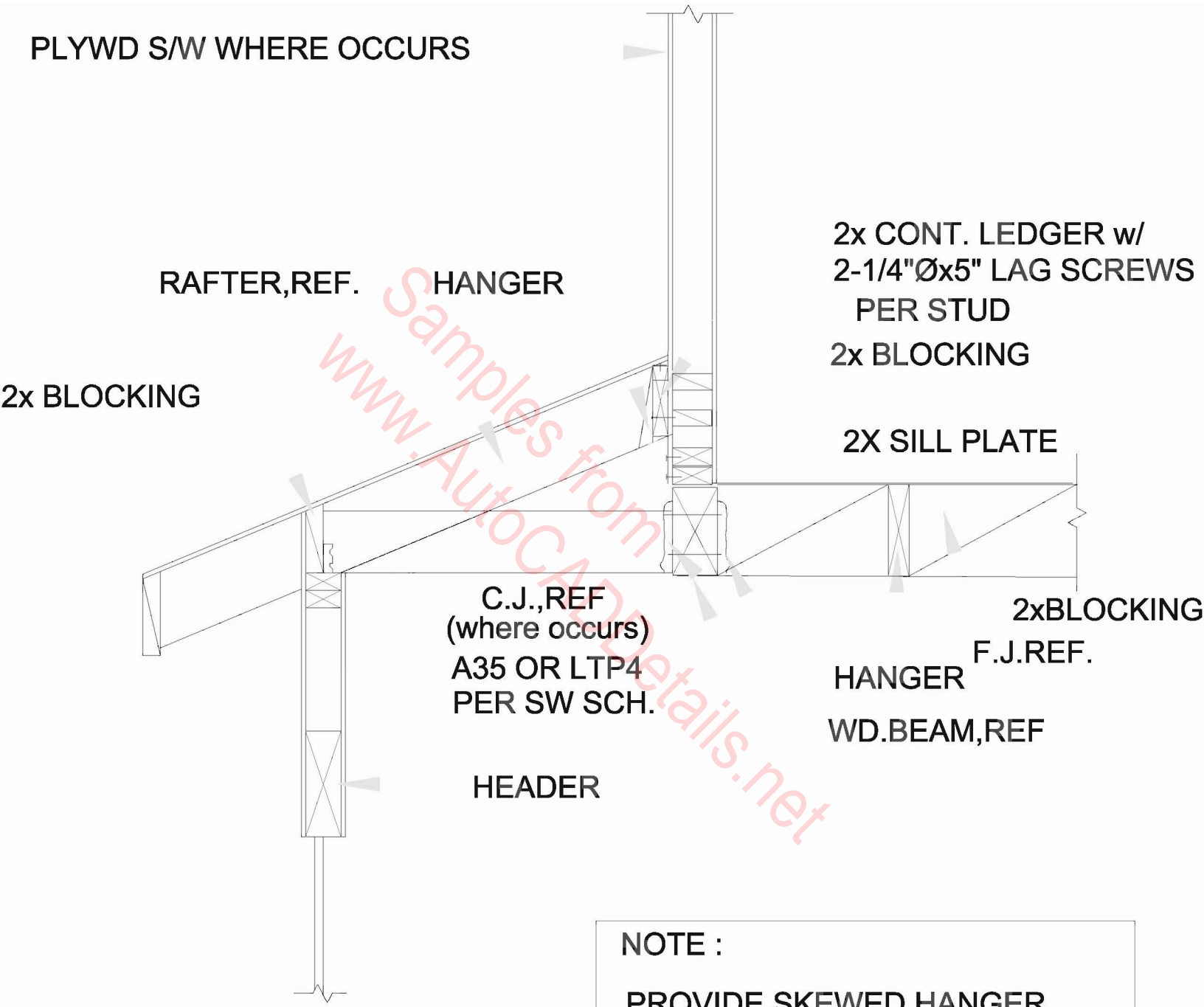


Samples from
www.AutoCADDetails.net

CHIMNEY
FRAMING



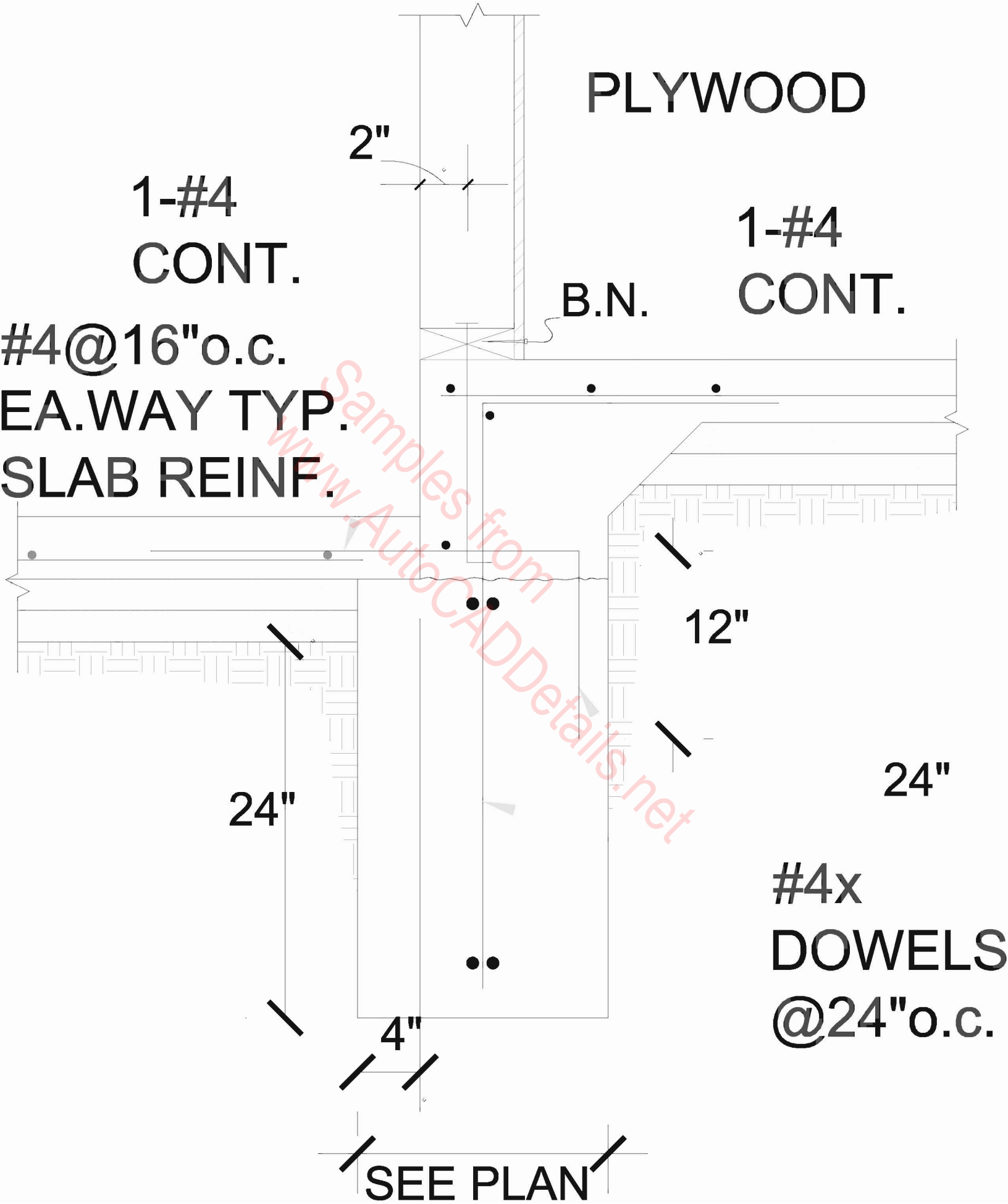
Samples from
www.AutoCADDetails.net



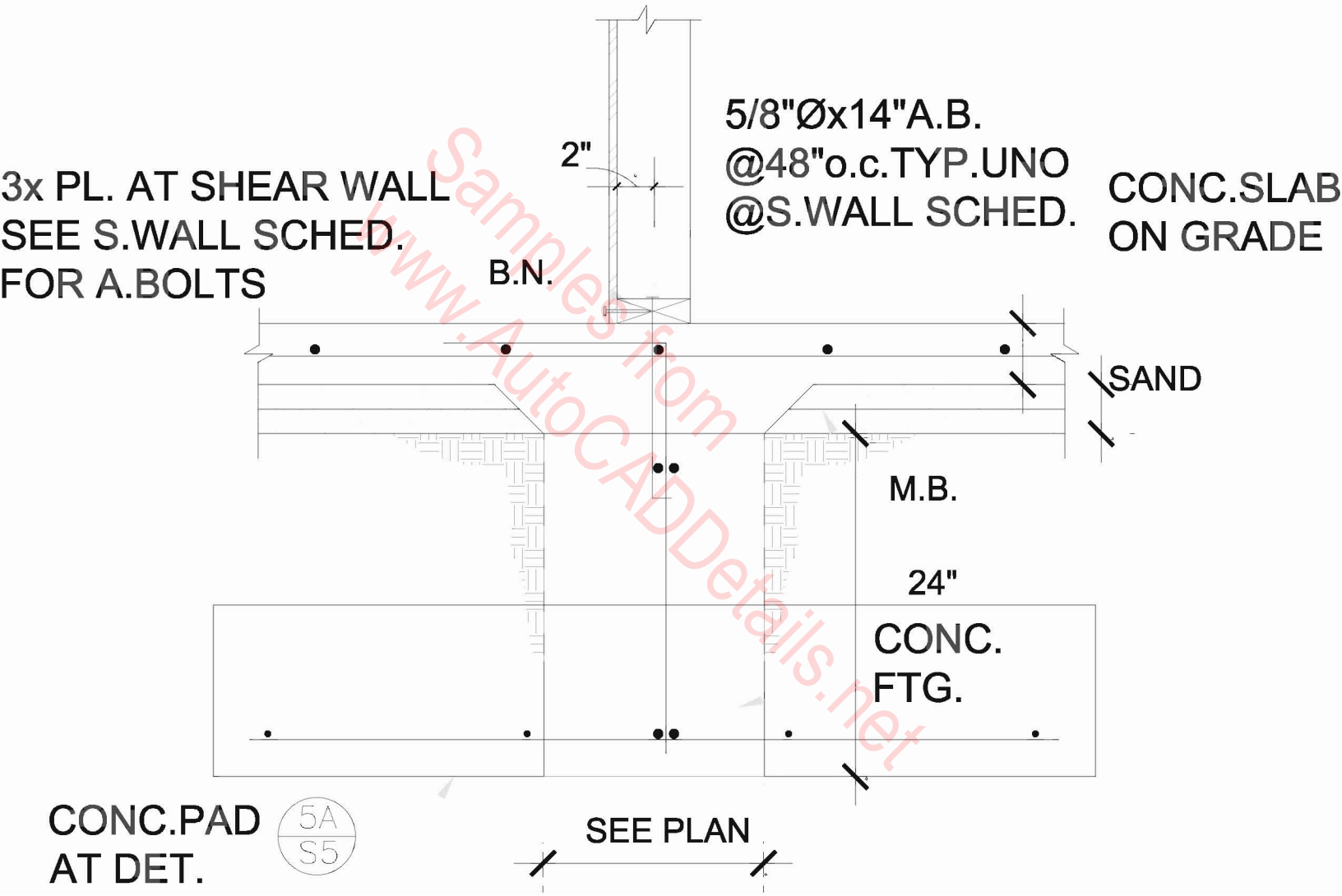
NOTE :

PROVIDE SKEWED HANGER
HSUR/L 4.12/16 FOR HIP BM
(SEE DET.8 ON THIS SHT)

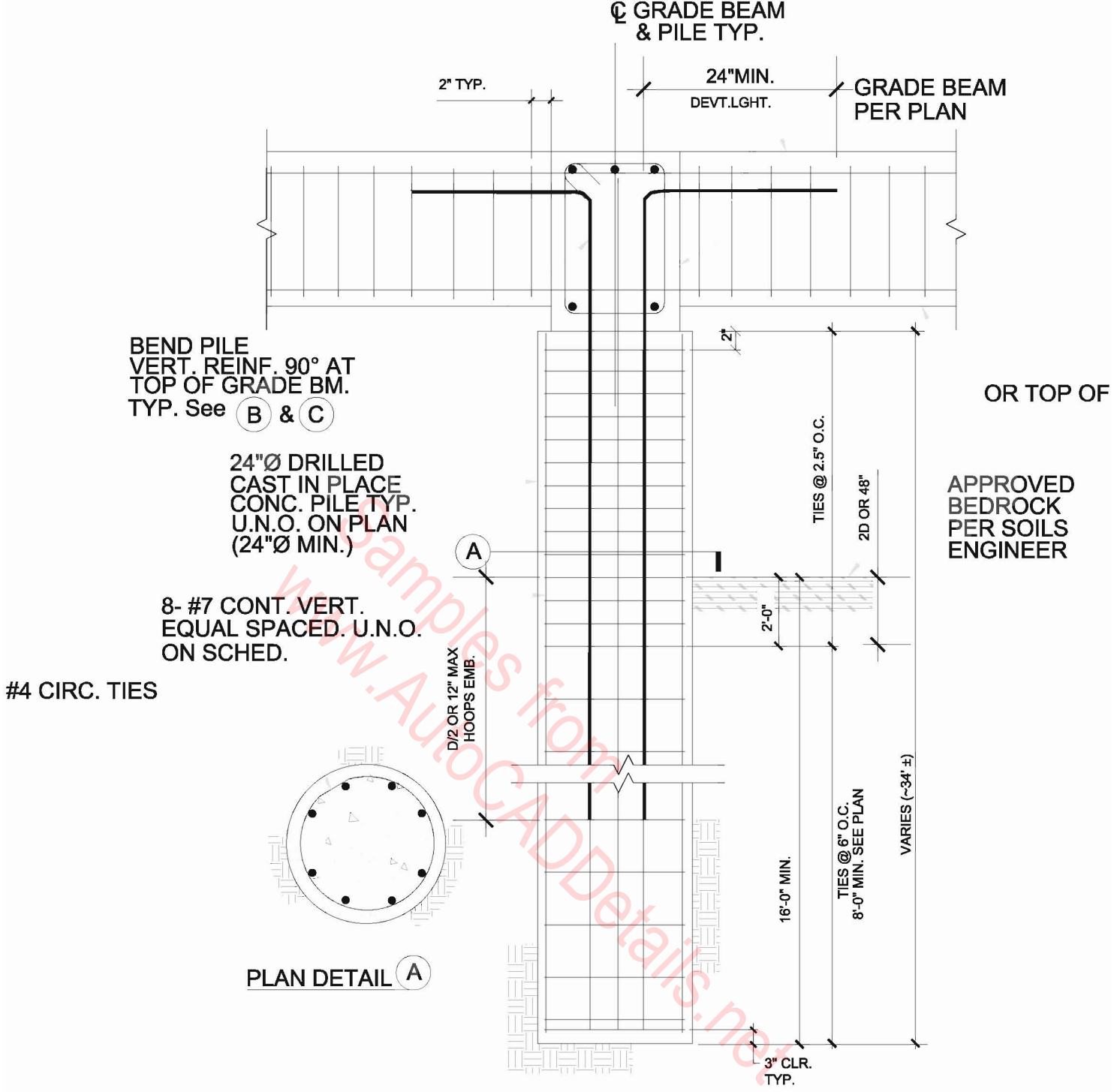
Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



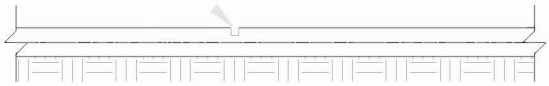
Samples from www.AutoCADDetails.net

LEAVE ROUGH SURFACE AFTER 1-st POUR.CLEAN AND WET BEFORE 2-nd POUR

1/8" WIDE x 1" SAW CUT OR MASONITE STRIP

SEE PLAN

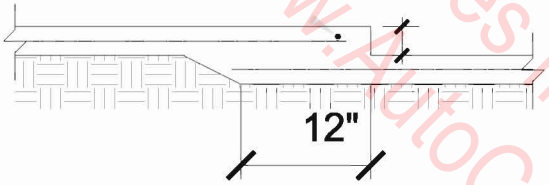
CONSTRUCTION JT.



(CONTROL JT.)
CONTRACTION JT.

SEE ARCHT. DRWG'S

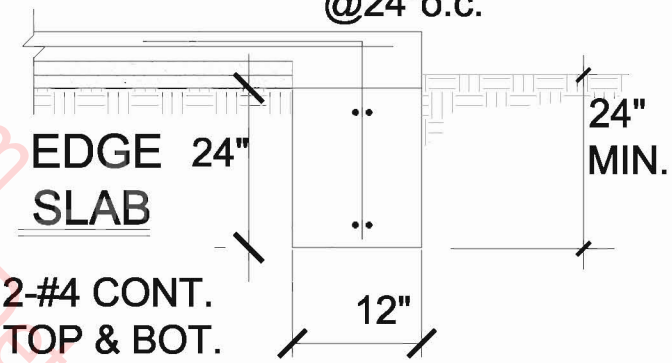
4 CONT.



DEPRESSION

24"

4 x @24"o.c.

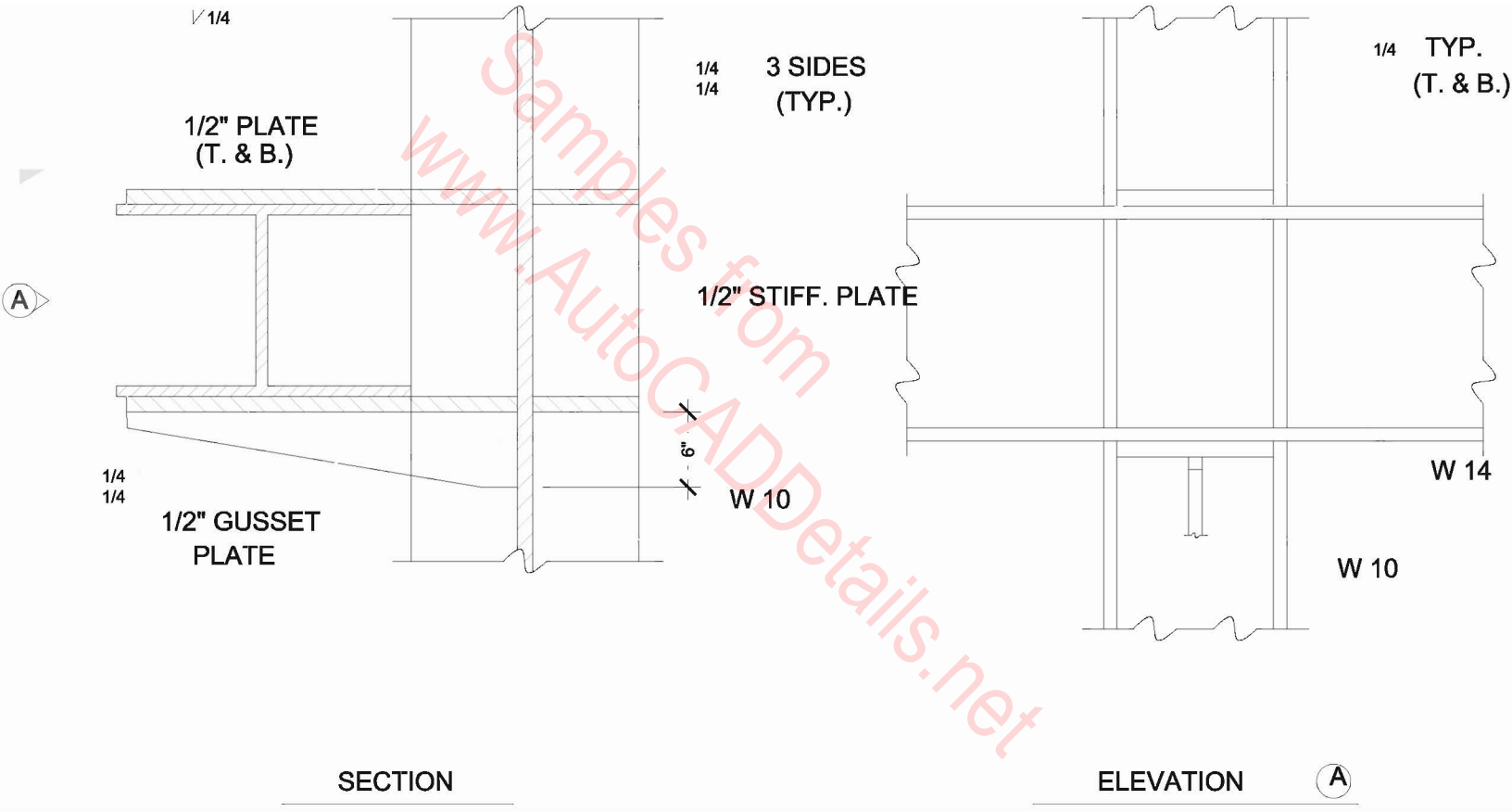


EDGE SLAB

2-#4 CONT. TOP & BOT.

GRADE SLAB SHALL HAVE CONTROL JOINT(CONSTRUCTION OR CONTRACTION JOINT)AT APPROX.26'-0" APART IN EA. DIRECTION

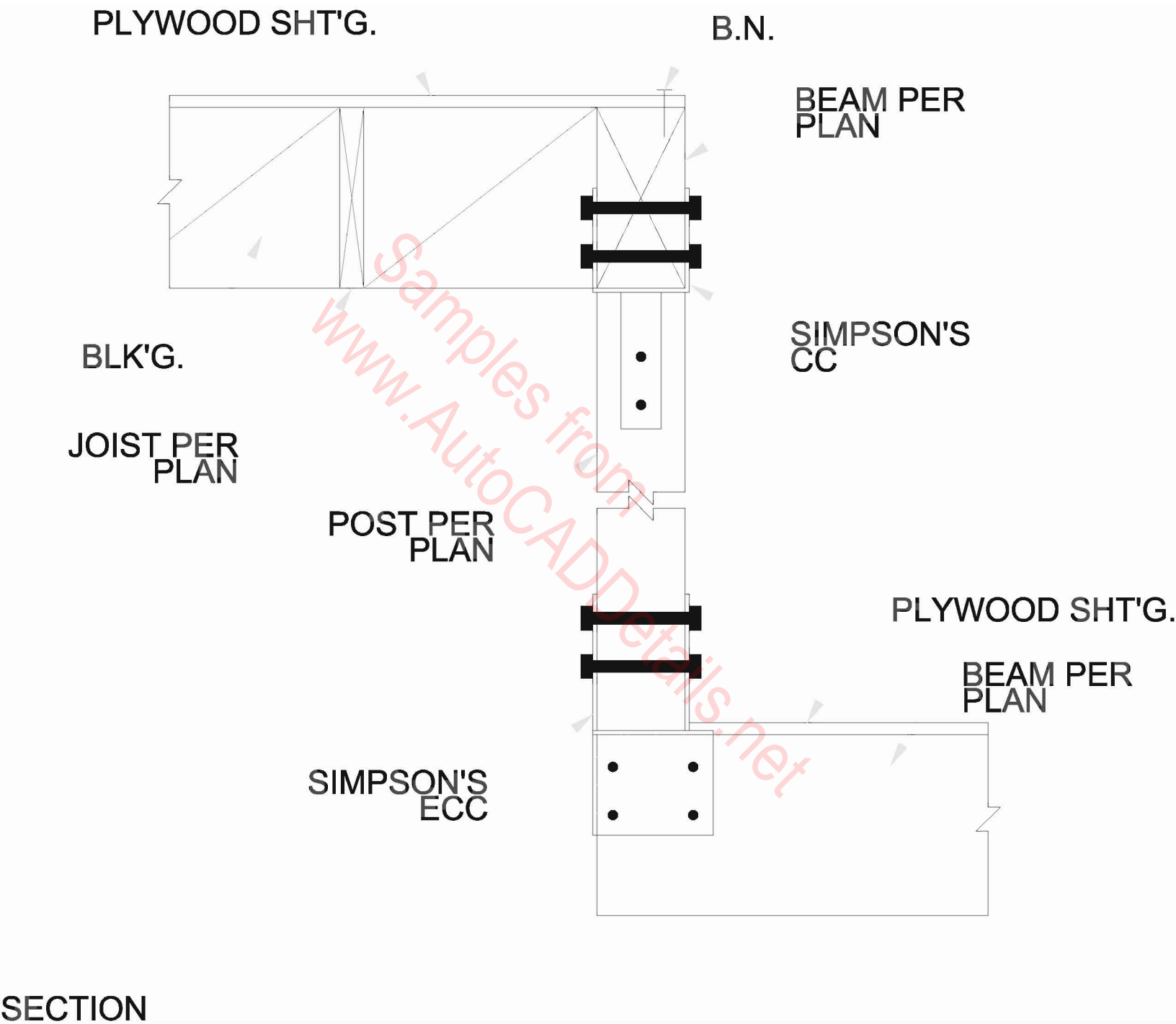
samples from www.AutoCADDetails.net



SECTION

ELEVATION A

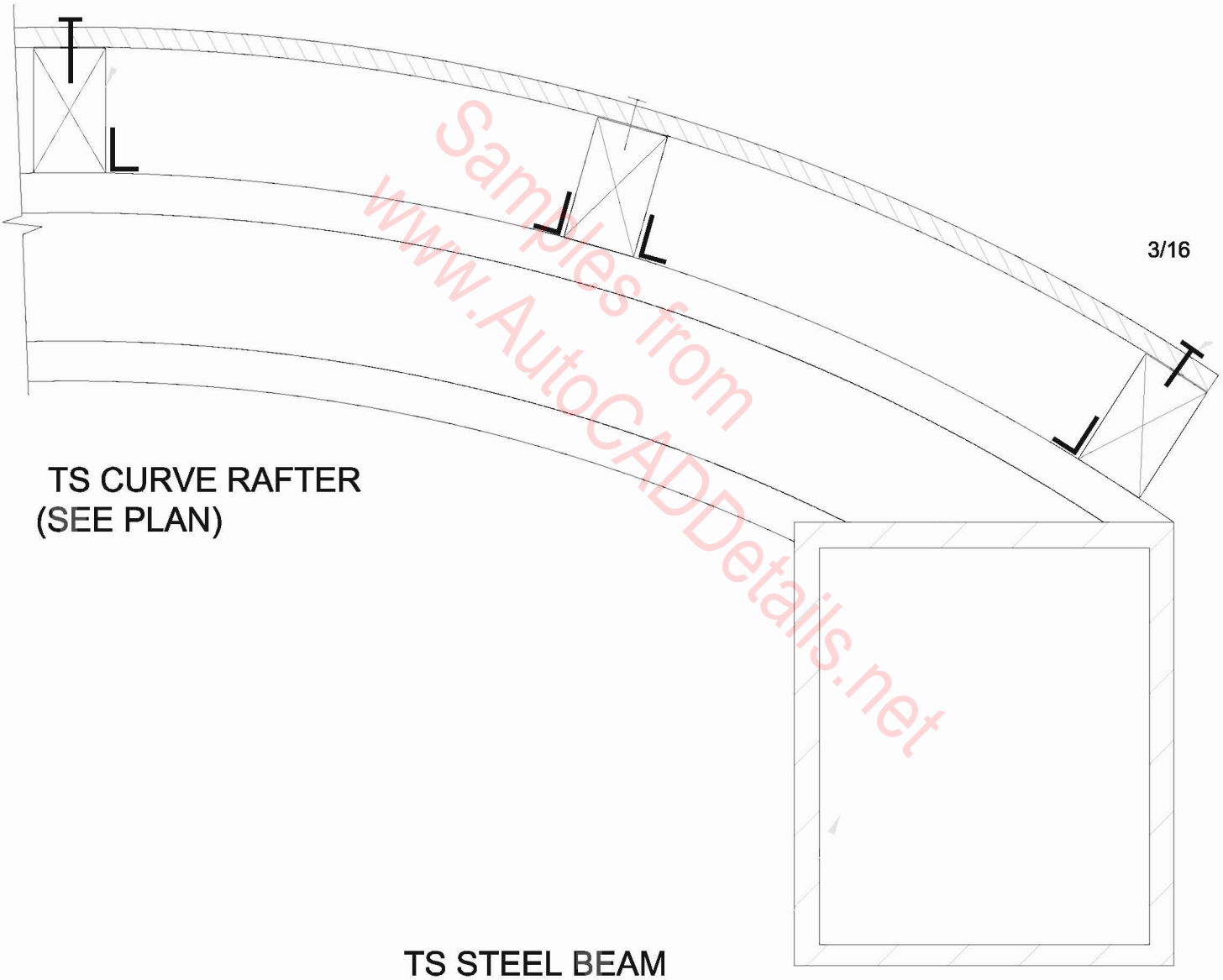
Samples from www.AutoCADDetails.net



SECTION

Samples from www.AutoCADDetails.net

2x4 ROOF JOIST
(SEE 2/S-7 FOR
CONNECTION) SIM.



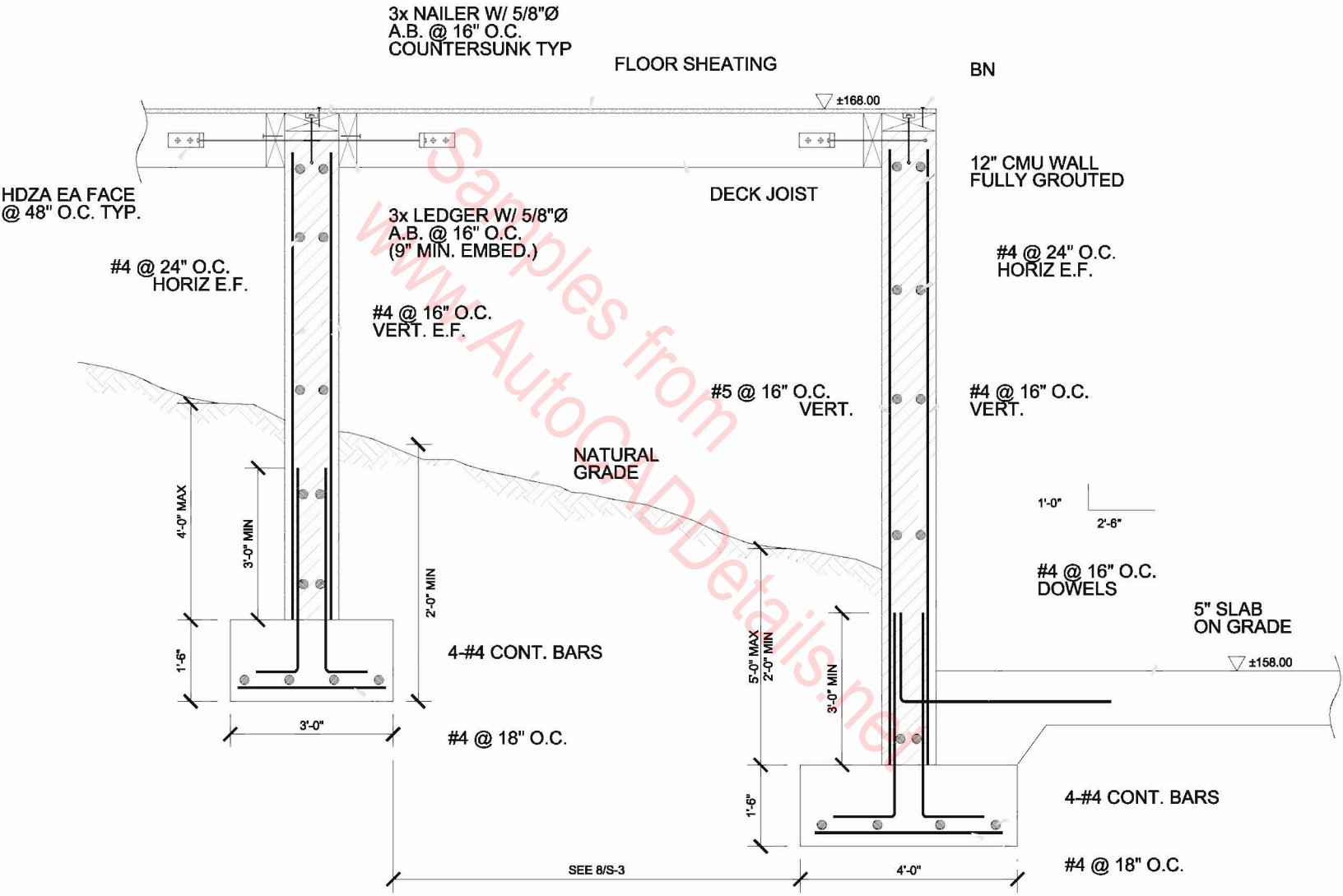
3/16

BN

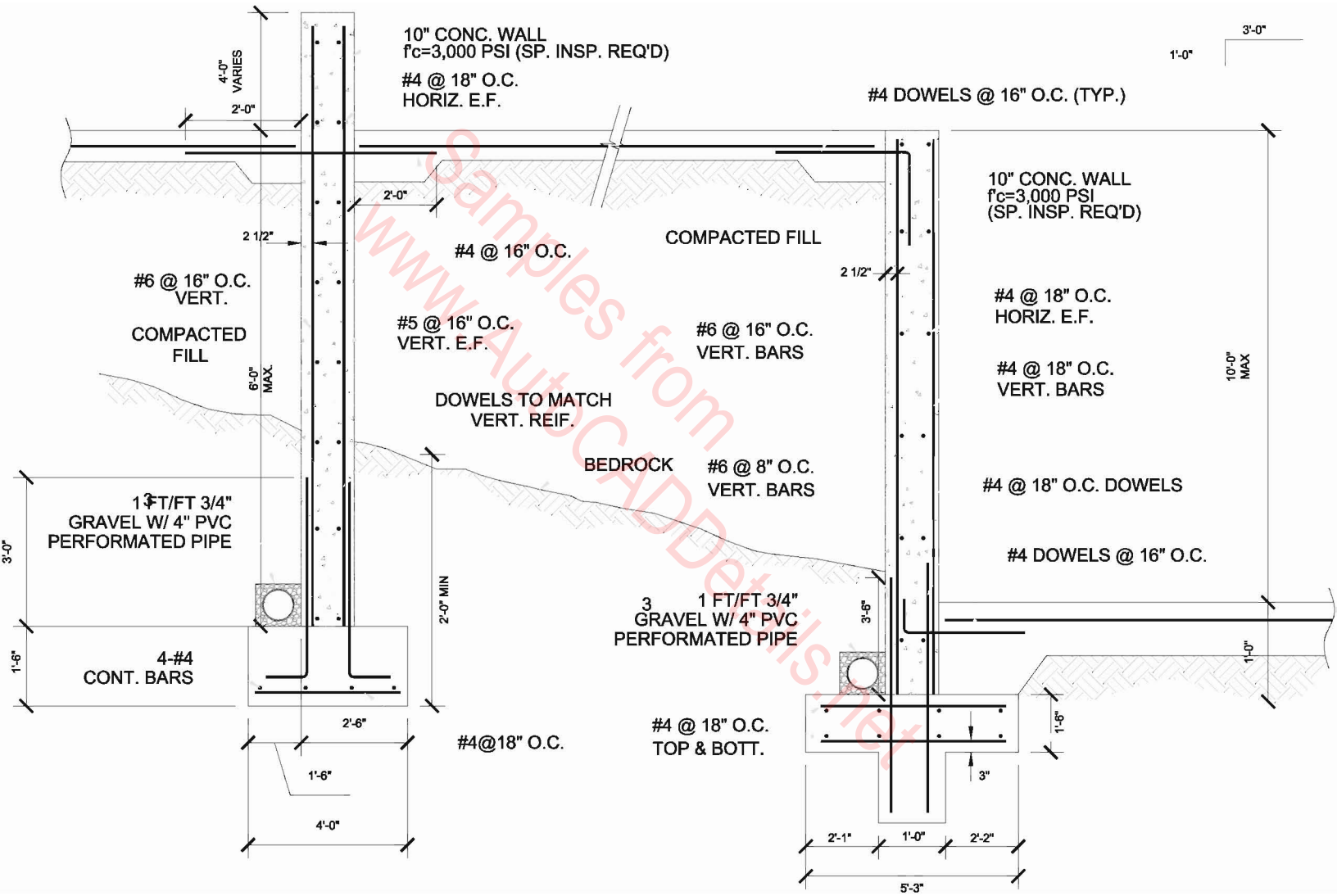
TS CURVE RAFTER
(SEE PLAN)

TS STEEL BEAM
(SEE PLAN)

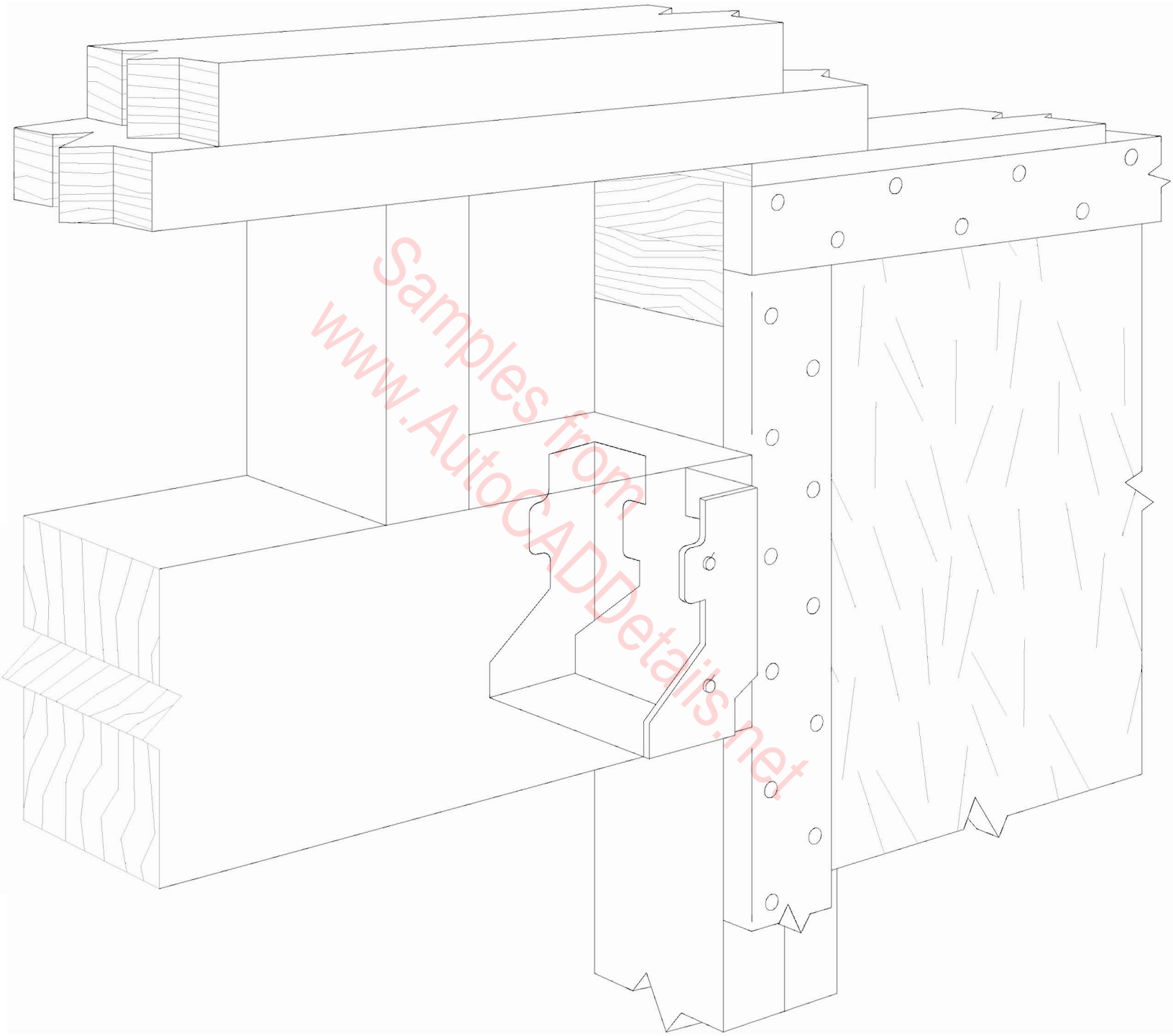
Samples from
www.AutoCADDetails.net

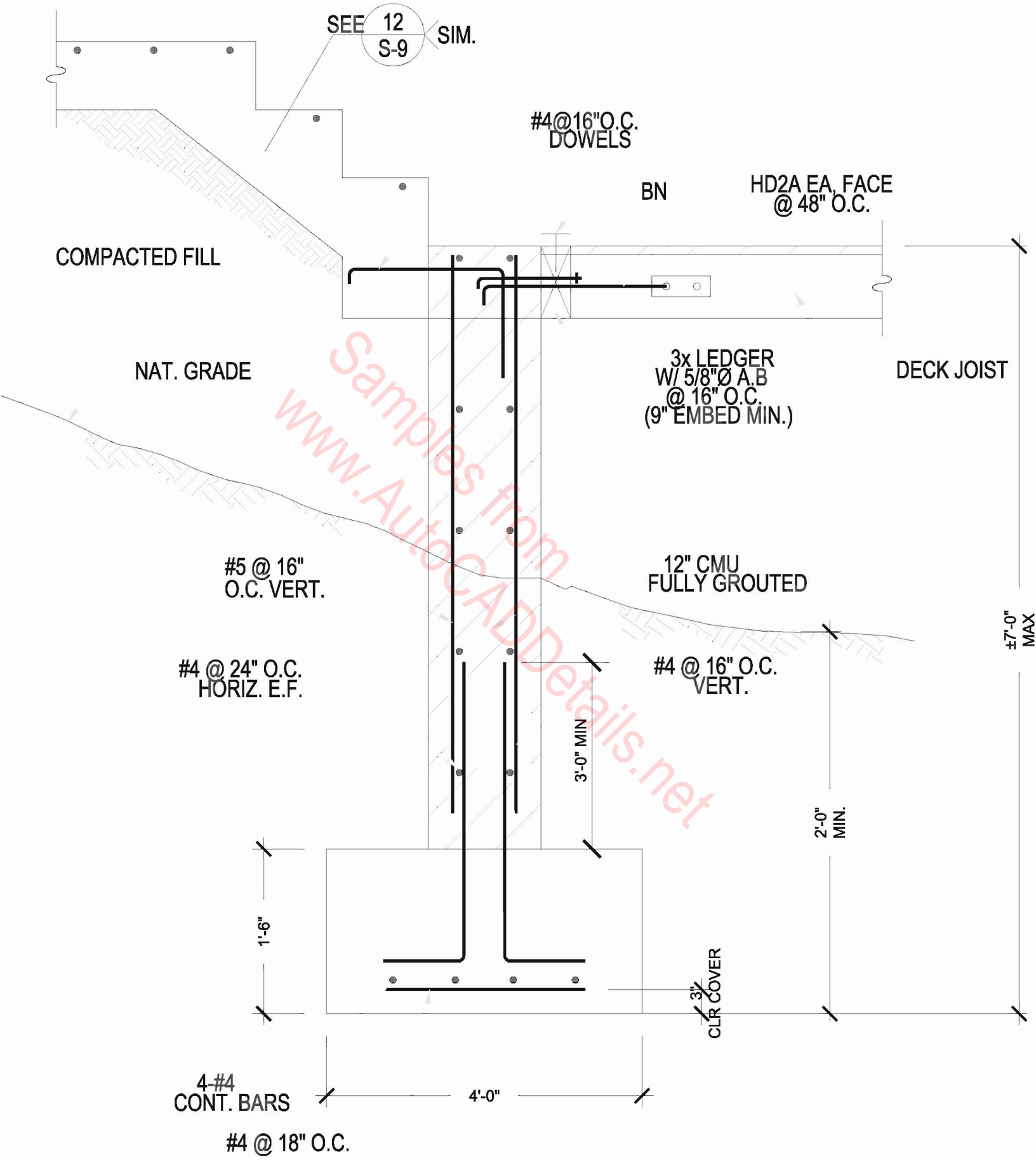


Samples from www.AutoCADDetails.net

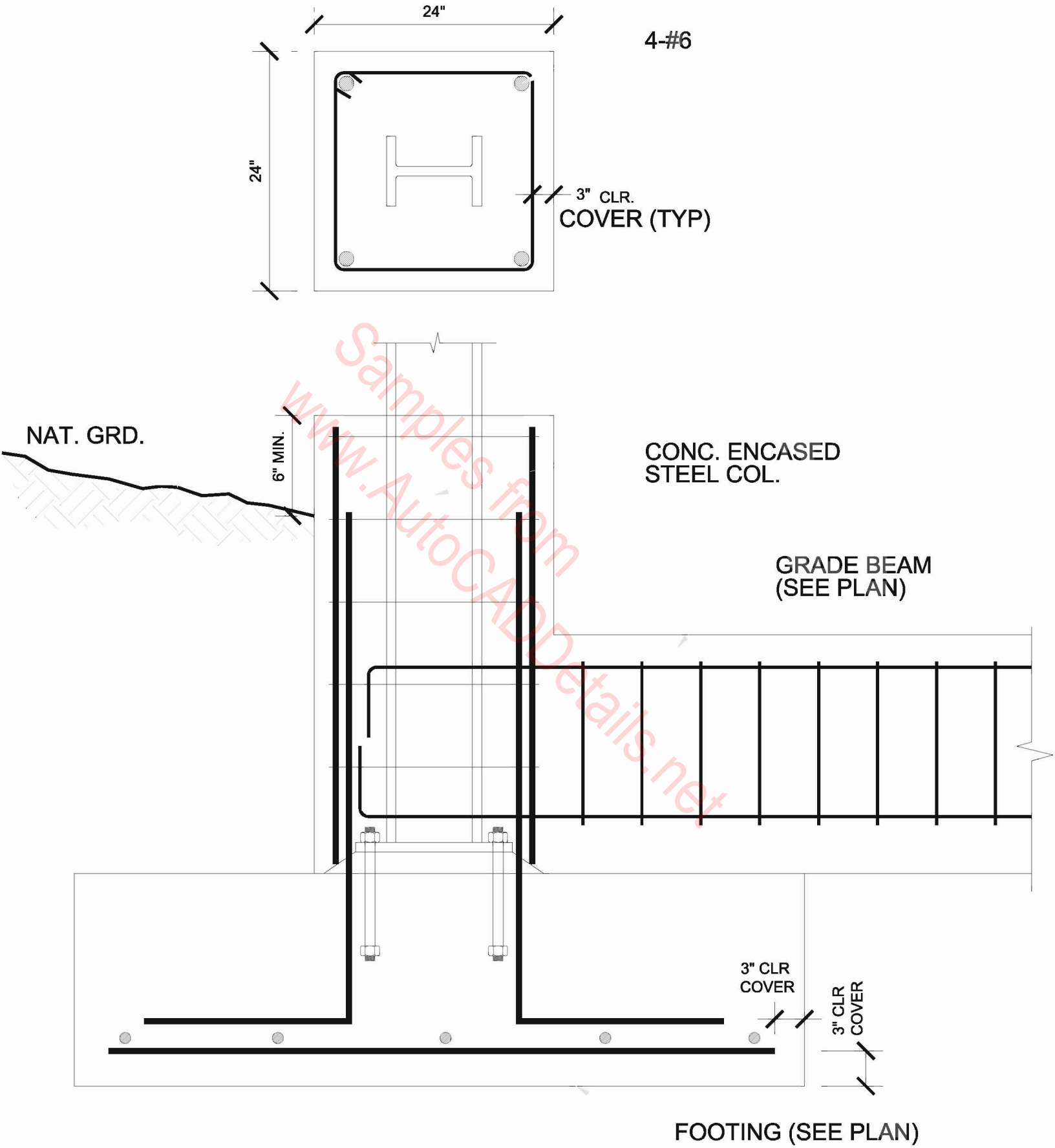


Samples from www.AutoCADDetails.net

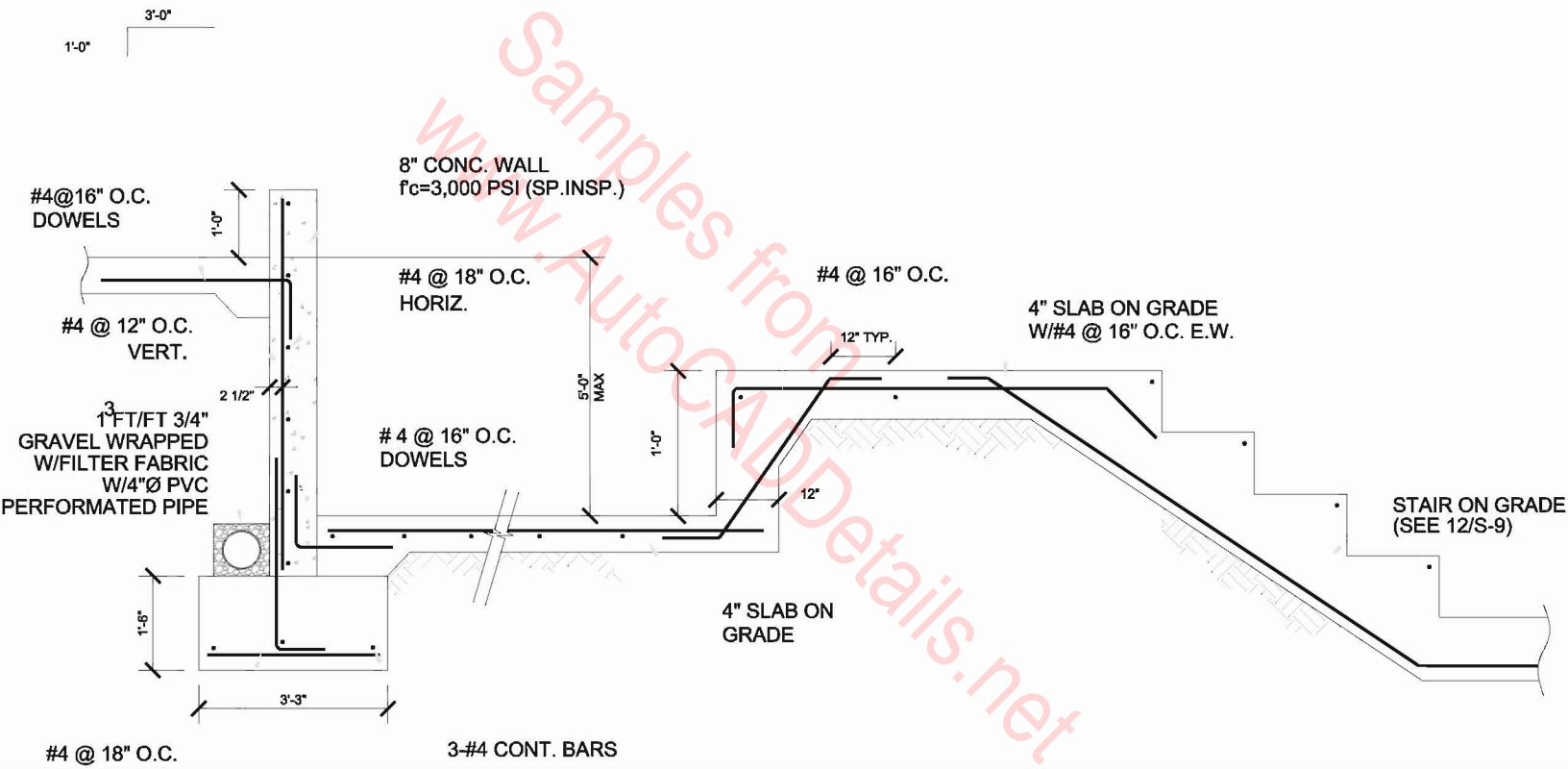

Samples from
www.AutoCADDetails.net



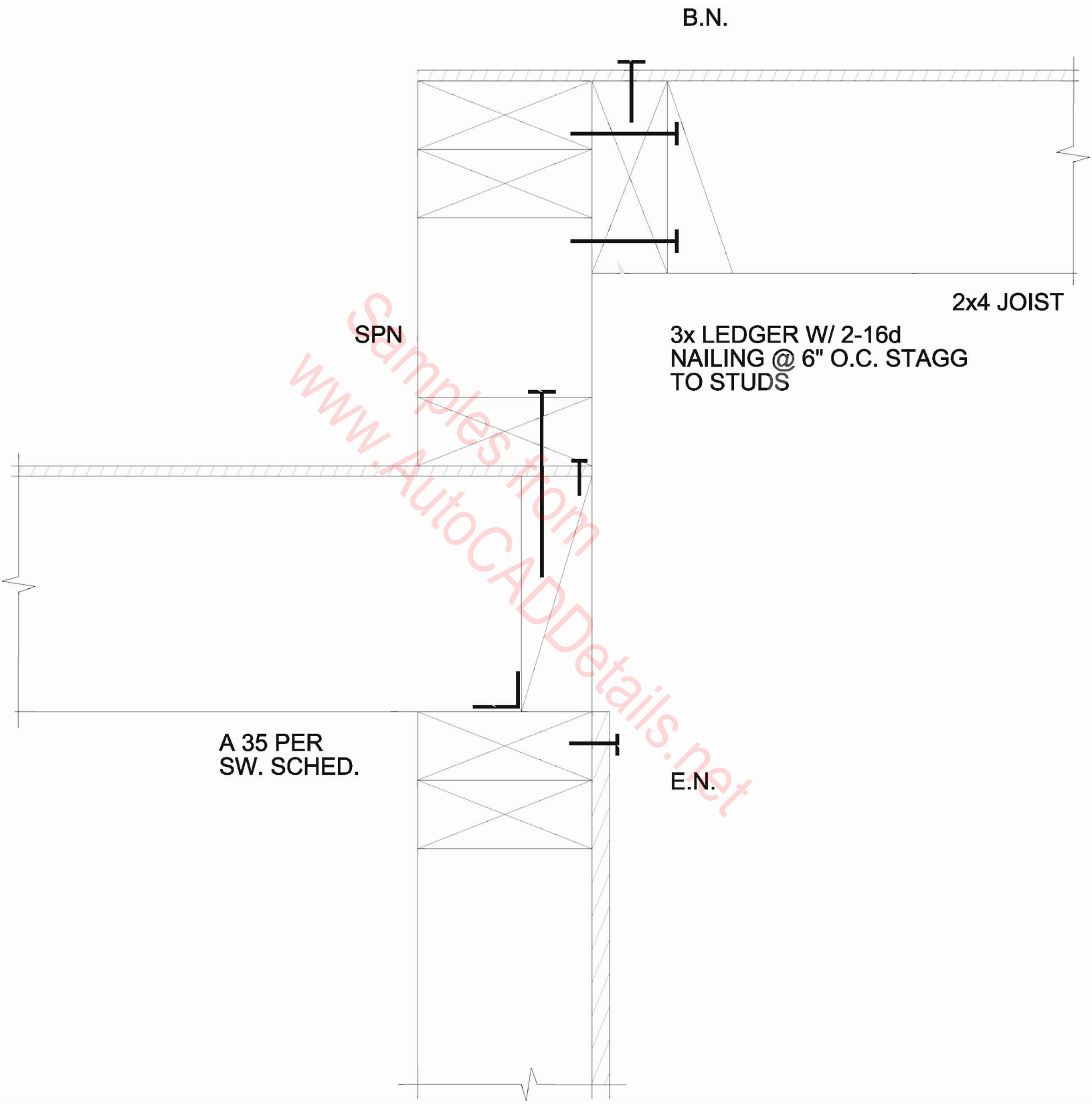
Samples from www.AutoCADDetails.net



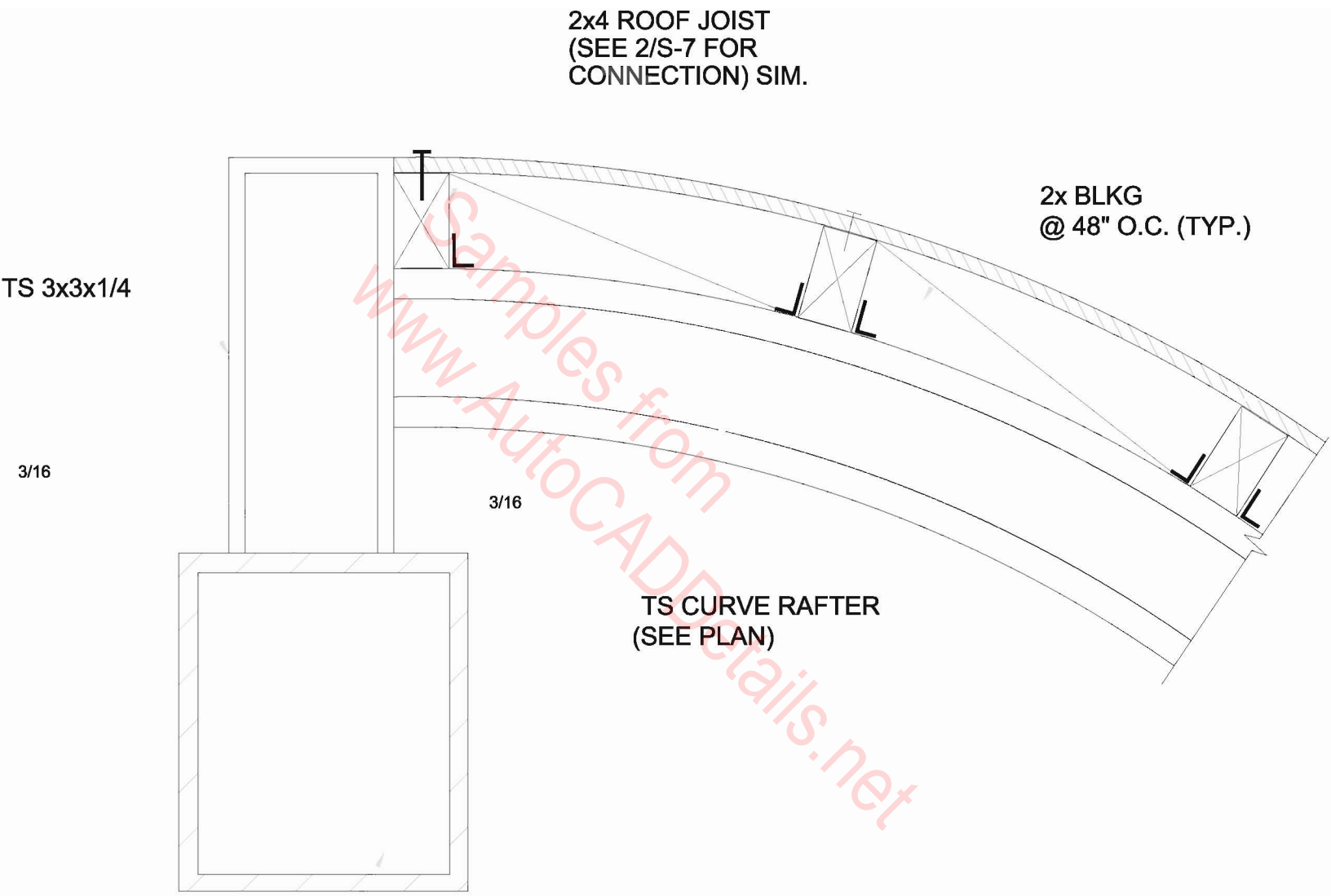
Samples from www.AutoCADDetails.net



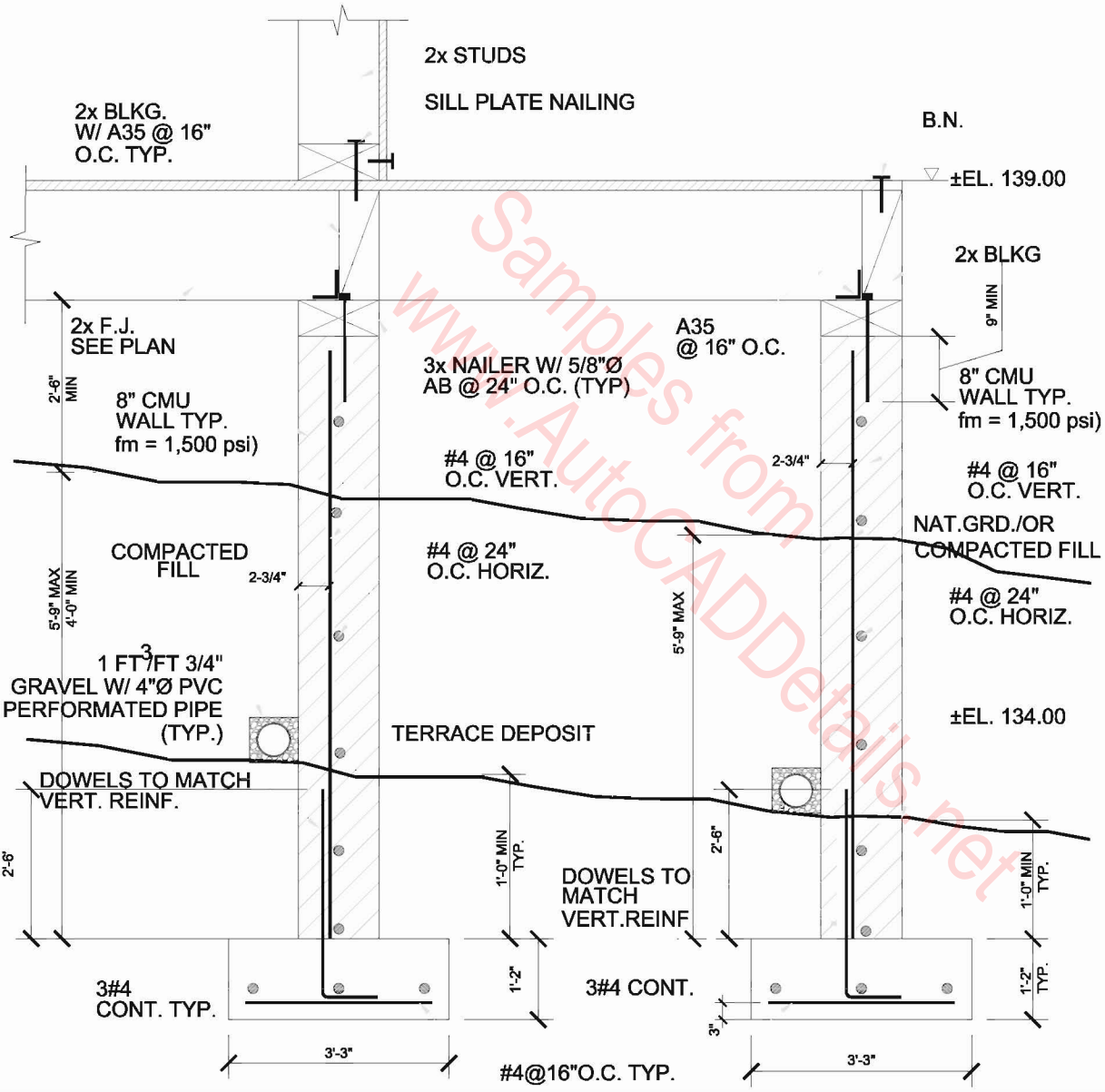
Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

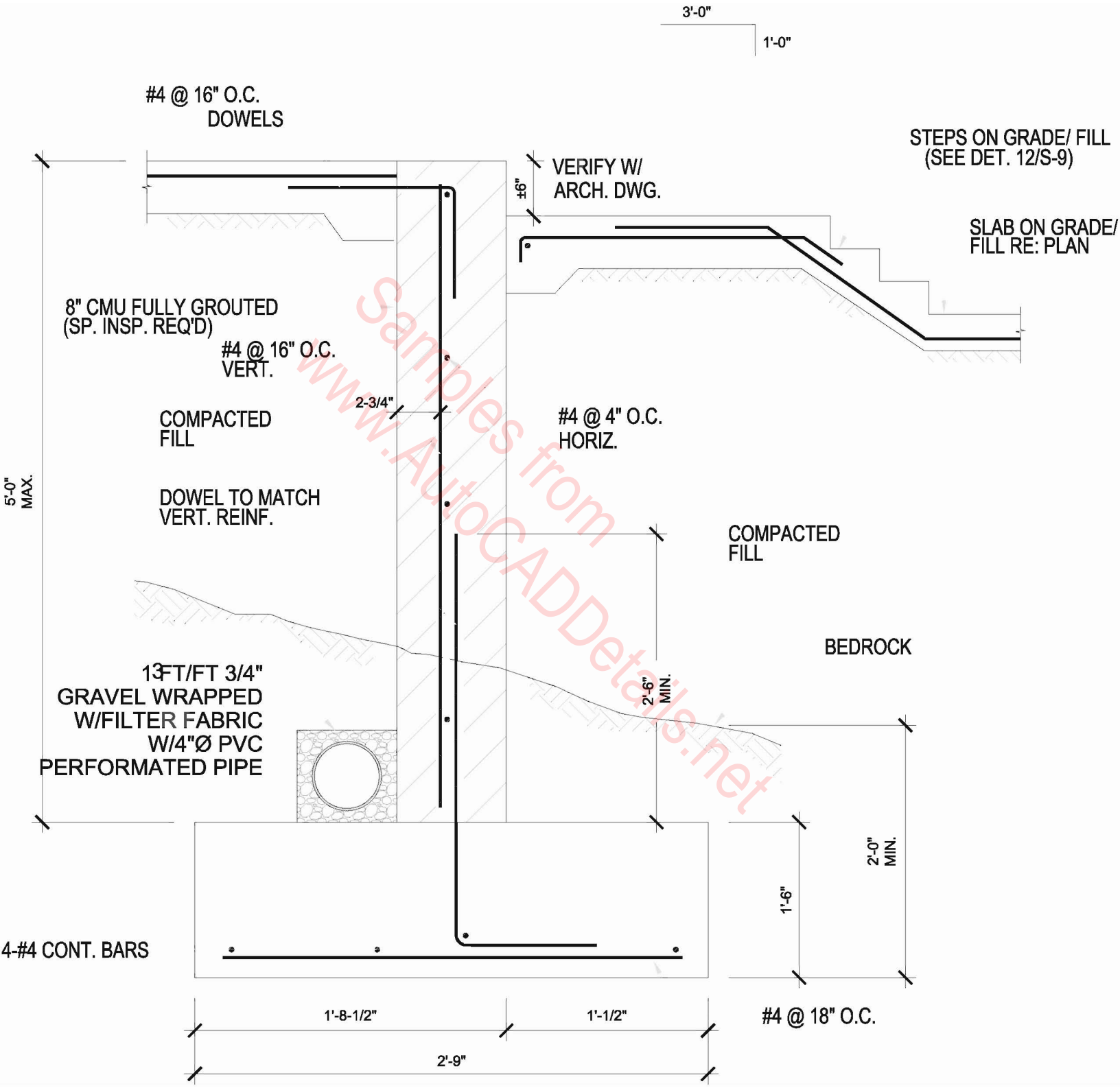


Samples from
www.AutoCADDetails.net

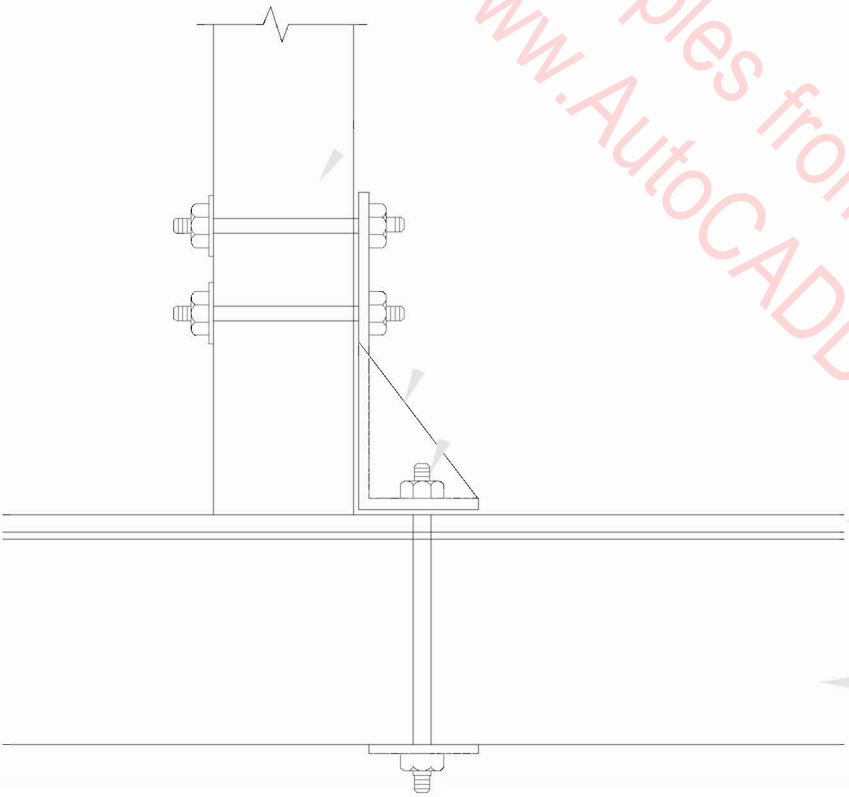


1 FT/FT 3/4" GRAVEL WRAPPED
W/FILTER FABRIC W/4"Ø PVC
PERFORMATED PIPE

Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



4x POST, REF.

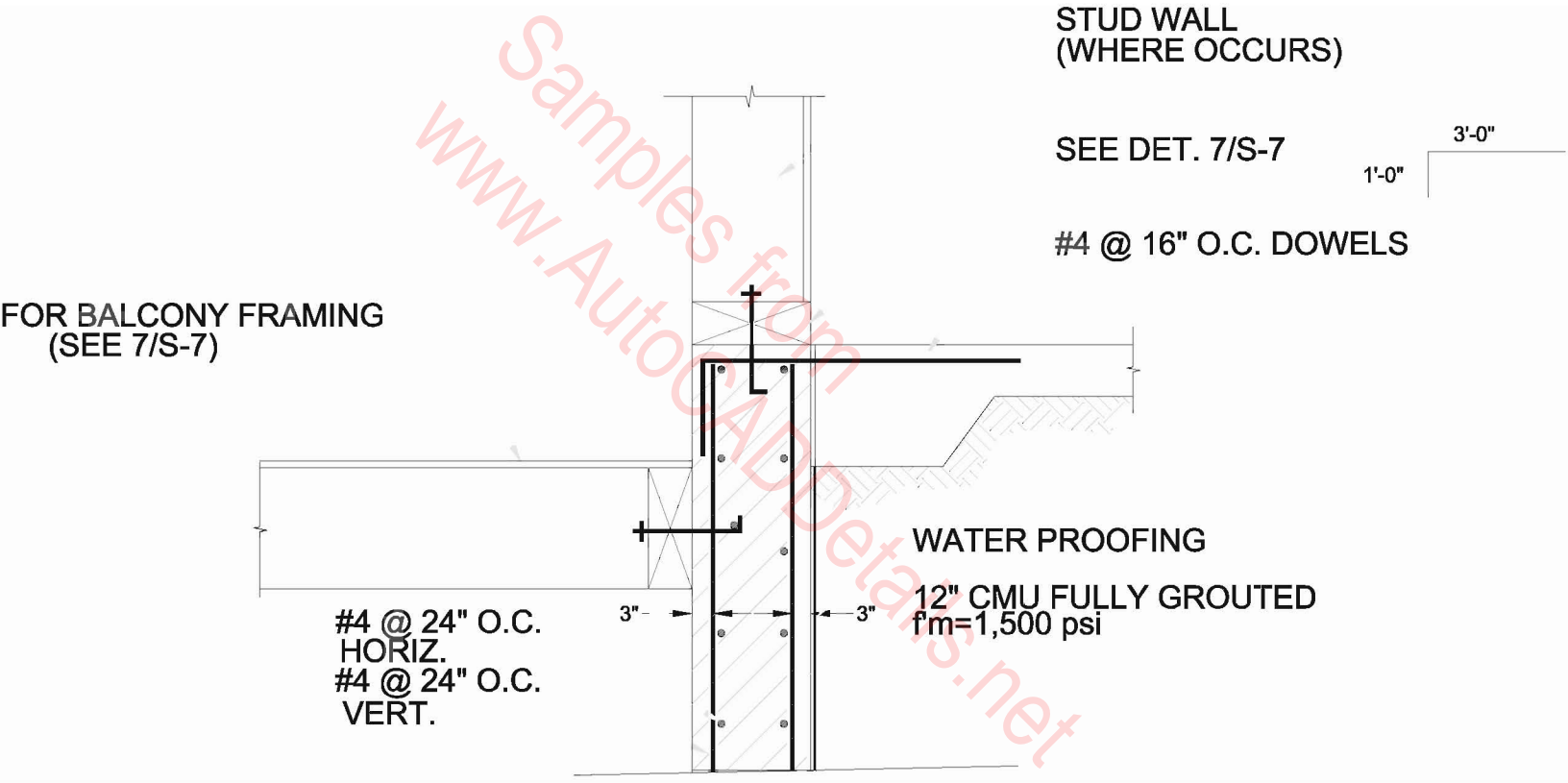
PHD, REF.

7/8"Ø M.B. w/
WASHER & NUT

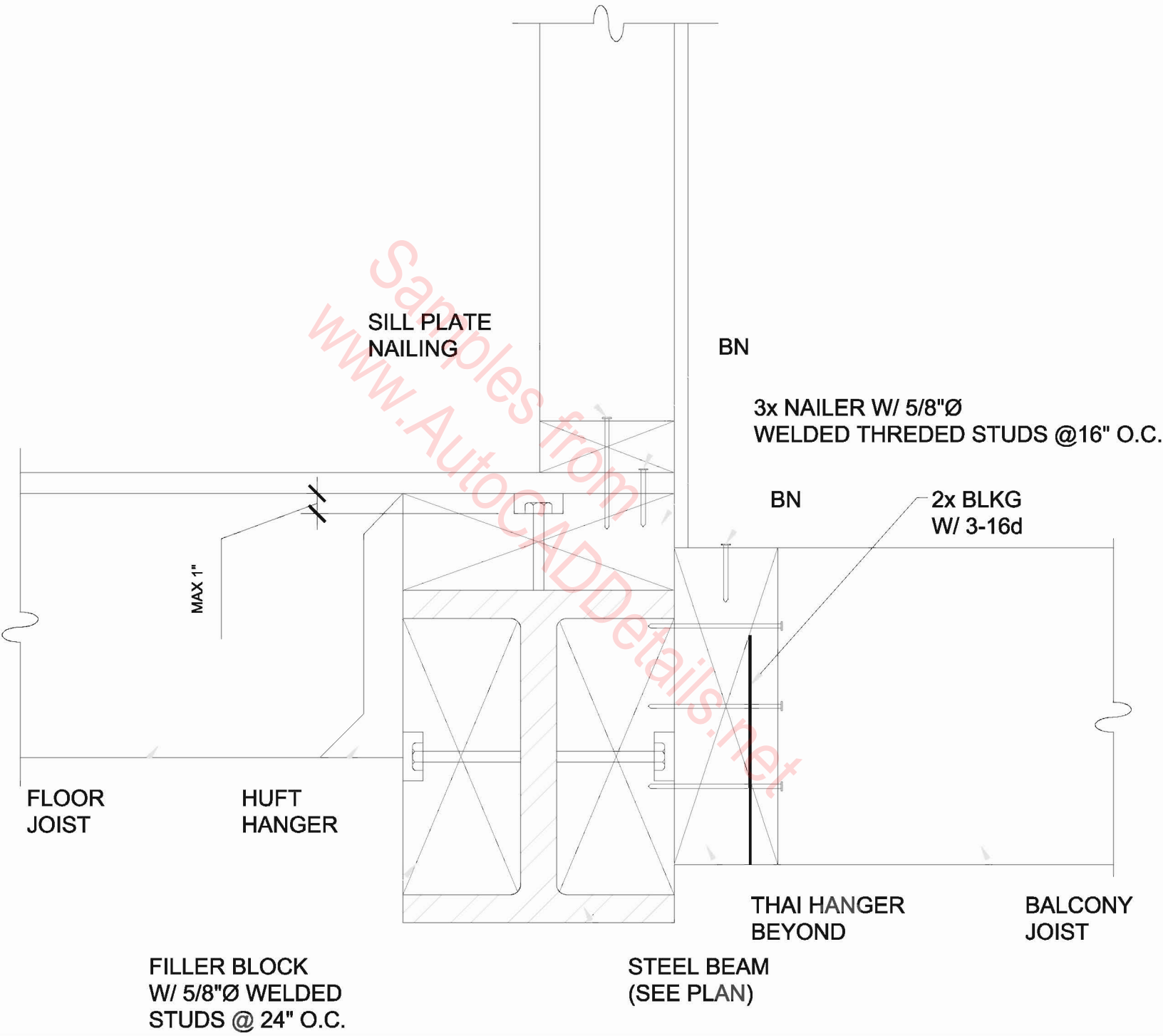
2ND FLOOR
SHEATHING, REF.

WOOD BEAM
REF.

Samples from
www.AutoCADDetails.net

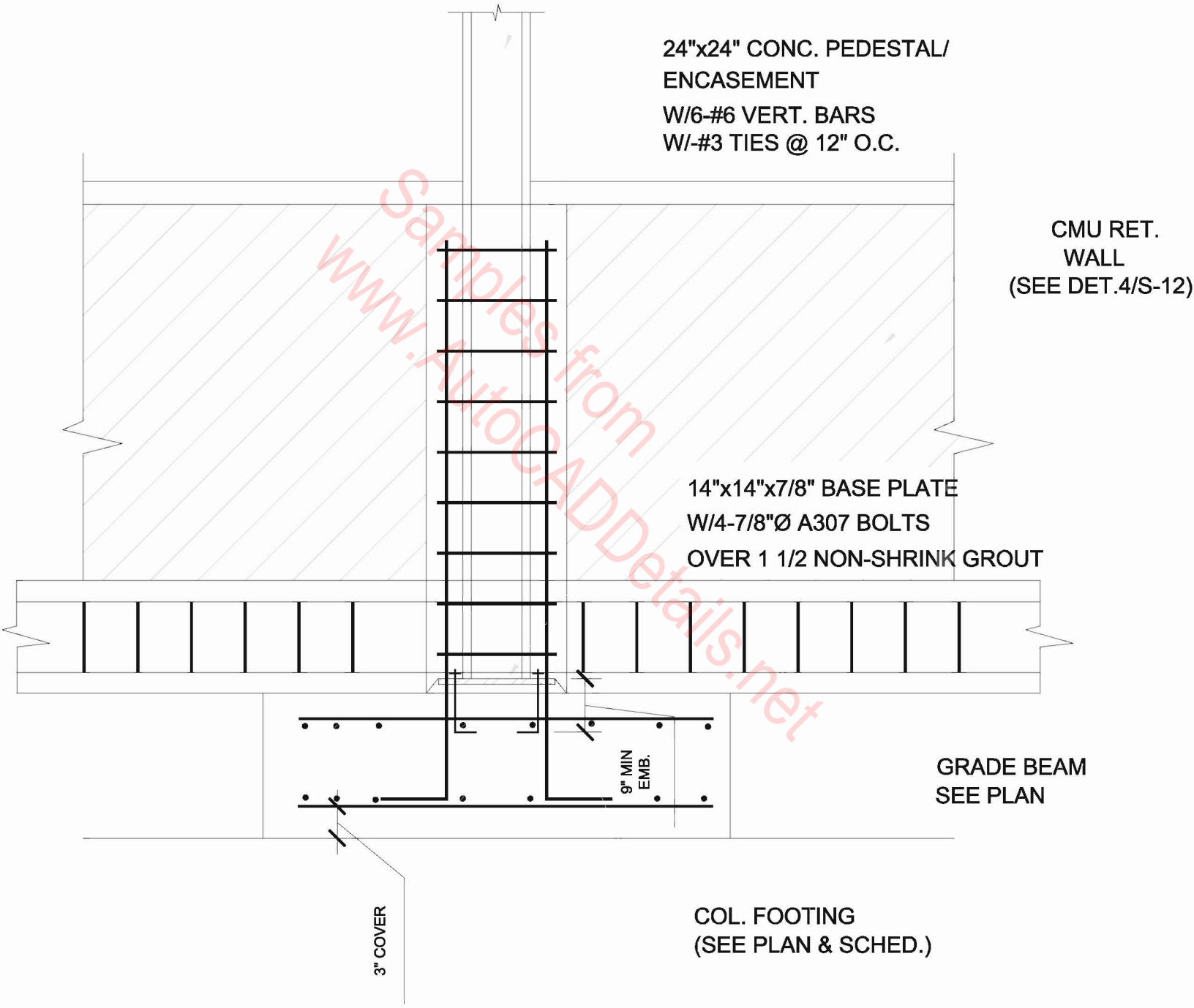


Samples from www.AutoCADDetails.net

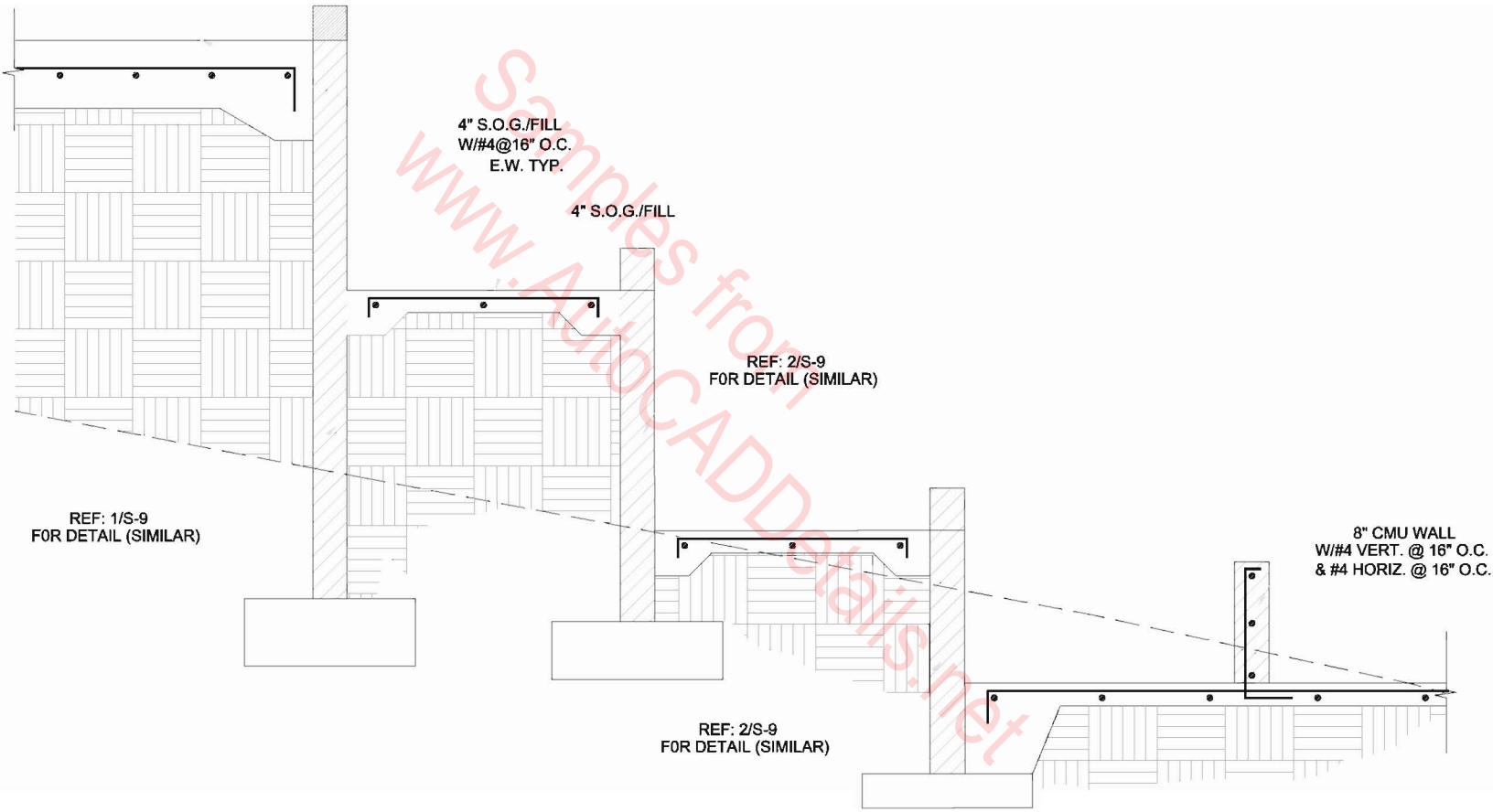


Samples from
www.AutoCADDetails.net

TS COL. REF.



Samples from
www.AutoCADDetails.net



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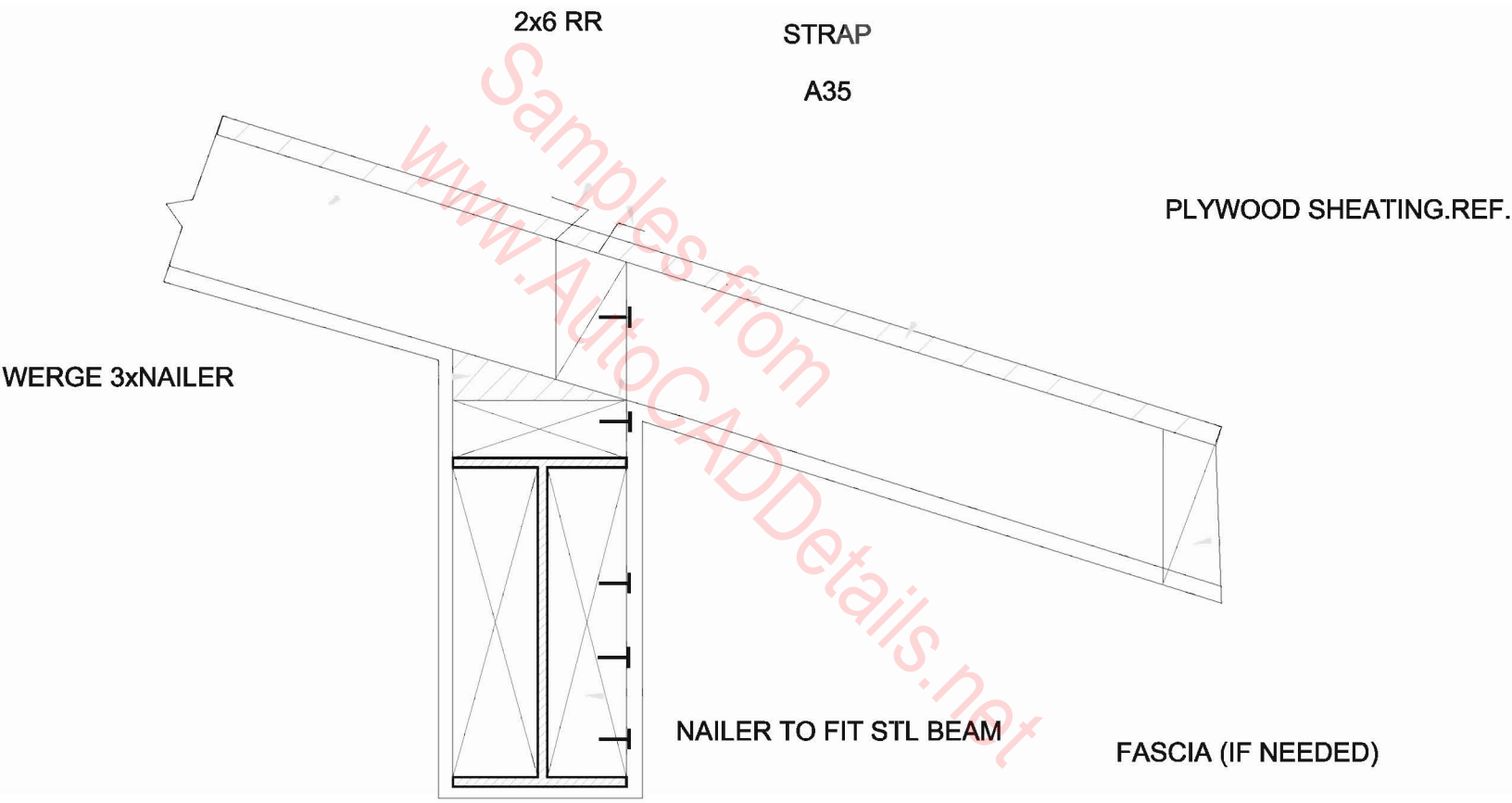


Samples from
www.AutoCADDetails.net

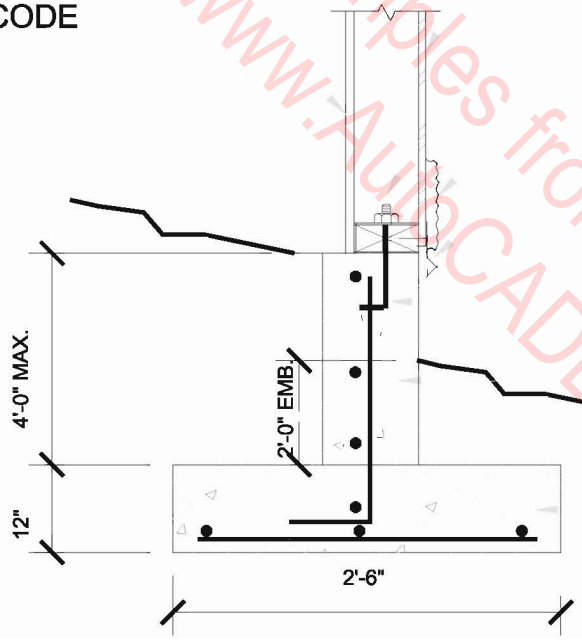
DRYWALL PER CODE

PLYWOOD PER SHEAR
WALL SCHEDULE
(WHERE OCCURS)

3x SILL PL. (P.T.)

7/8" STUCCO PER CODE

FLASHING PER CODE



5/8"Ø "J" BOLTS
PER S/W SCHD.

8"THK CONC WALL w/ #5 VERT BARS @ 16"O.C.
W/#4 HORIZ BARS @ 24"O.C.
f'c=2,500 PSI

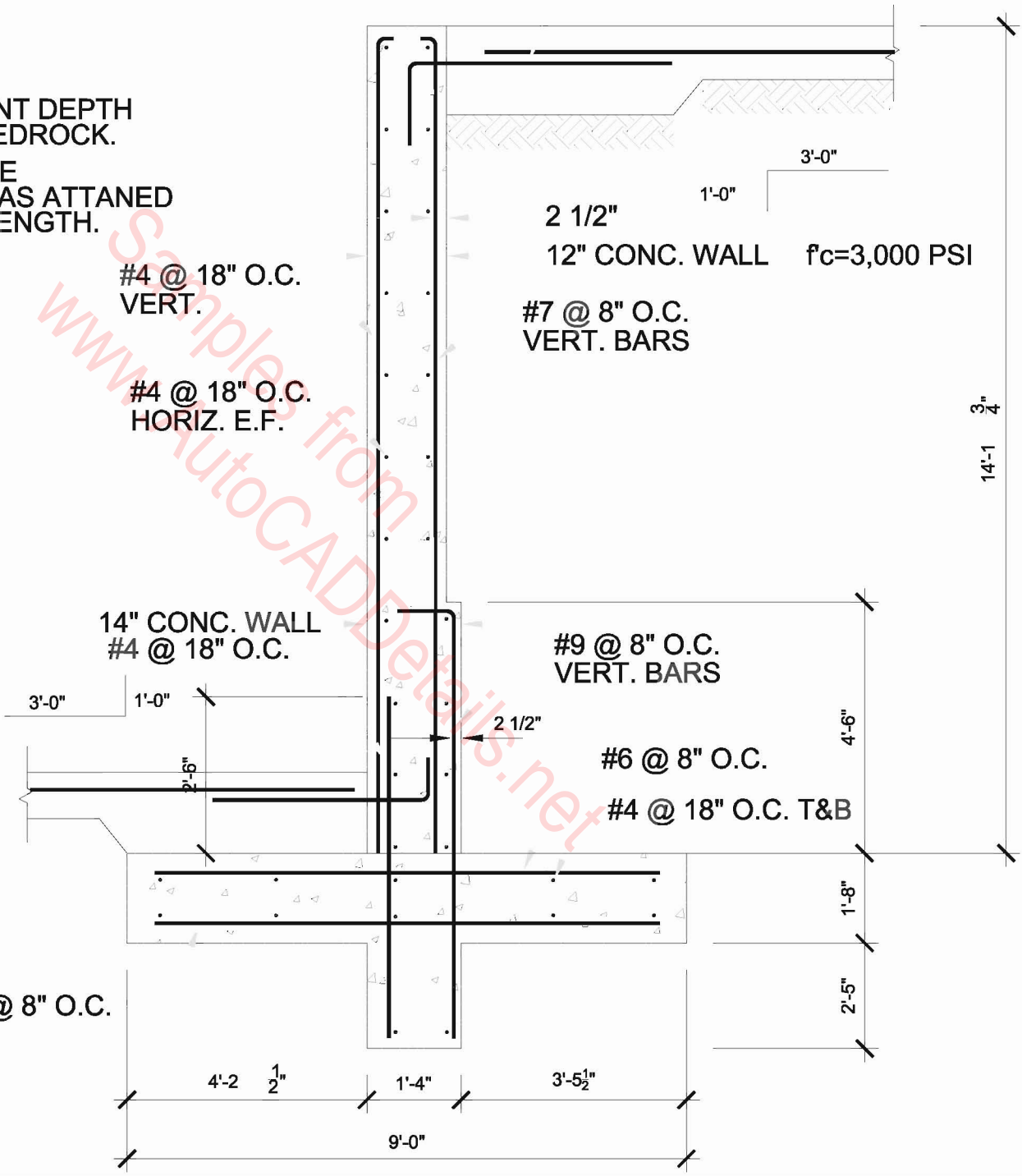
CONC. FOOTING w/ 3
CONT. #5 BARS W/#3 TIES @12"O.C.
f'c=2,500 PSI

Samples from
www.AutoCADDetails.net

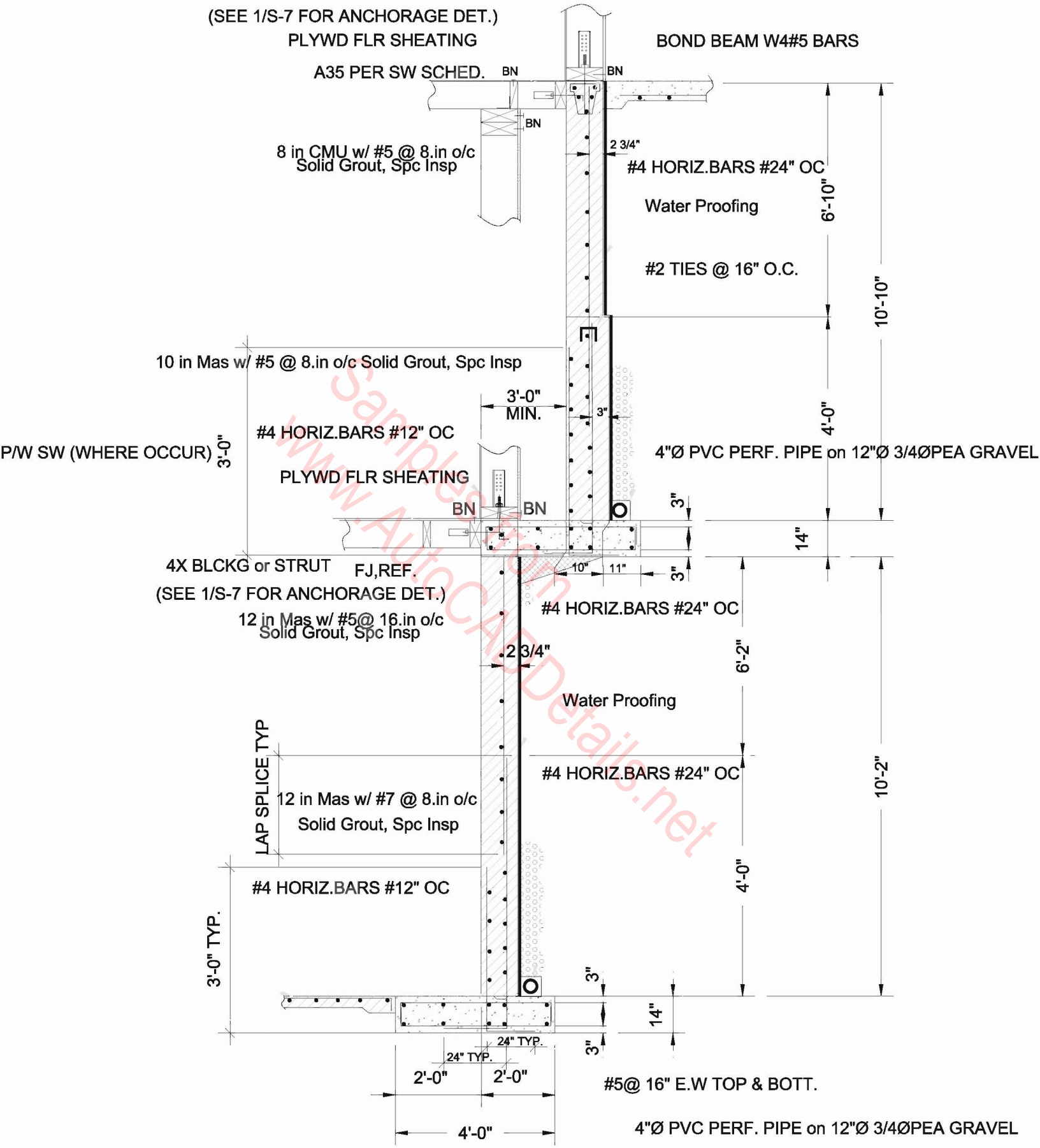
#4 @ 16" O.C. DOWELS

NOTE:

1. FOOTING EMBEDMENT DEPTH MUST BE 2'-0" FROM BEDROCK.
2. BACKFILL SHOULD BE PLACED UNTIL WALL HAS ATTANED REQUIRED CONC. STRENGTH.



Samples from www.AutoCADDetails.net

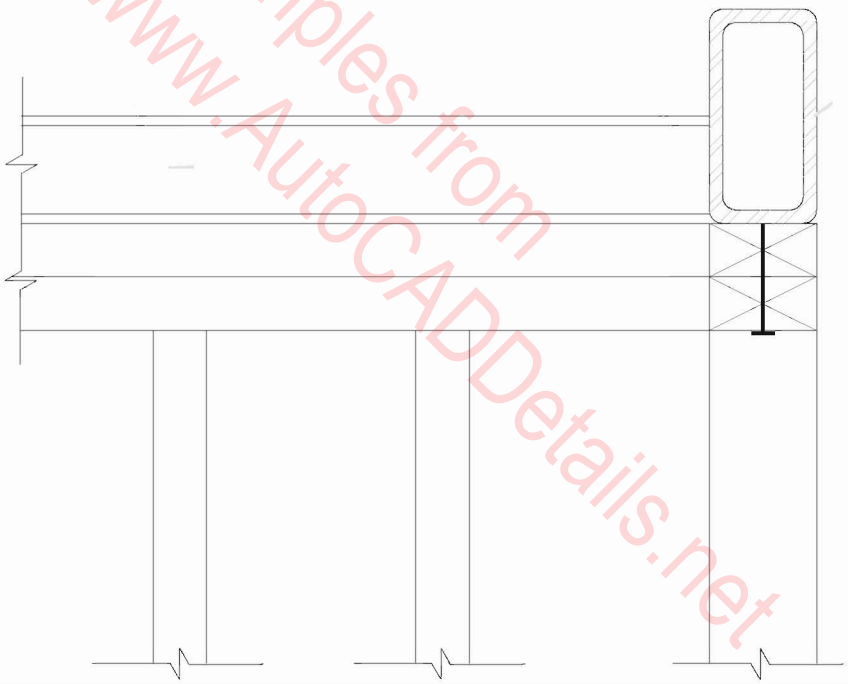


5" THK SLAB ON GRADE W/#4 @ 16" O.C. ON 6 MIL V.B. OVER 2" CLEAN SAND.

Sample from www.AutoCADDetails.net

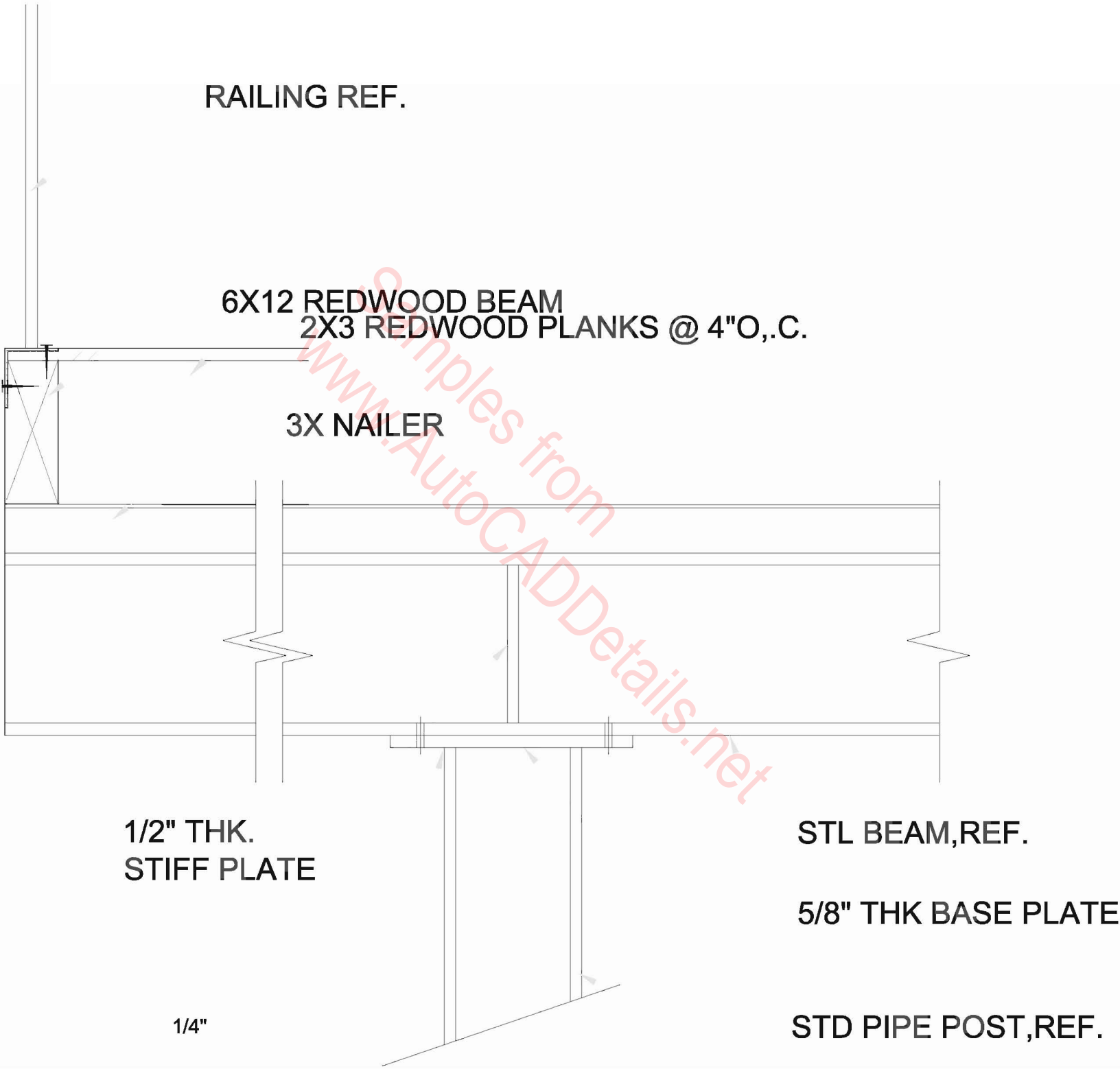
TS6x4x¼ RING

1/4



TS4x8x5/16
RING

Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

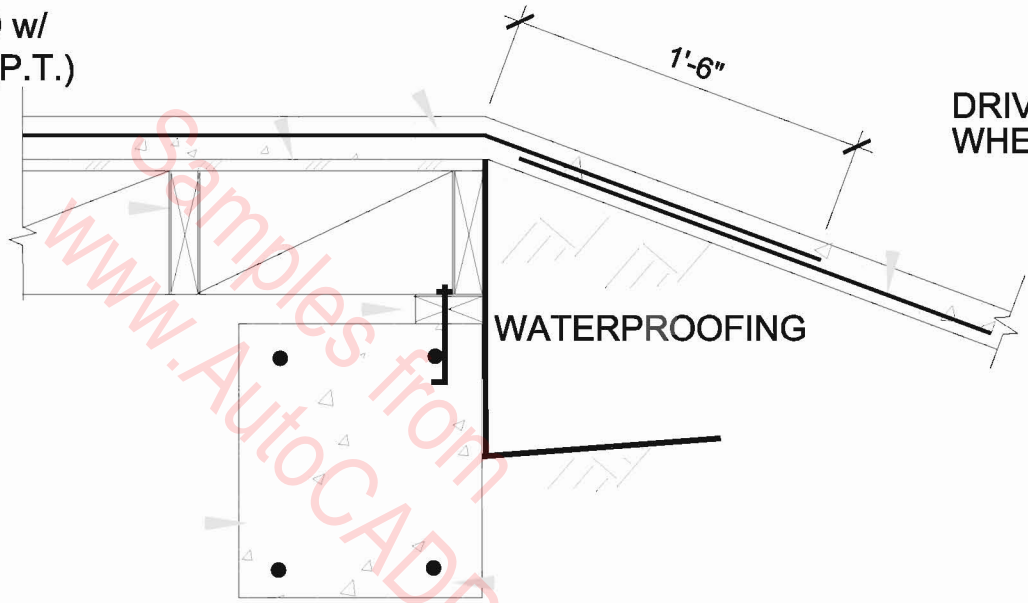
3" LIGHT WEIGHT CONCRETE

3/4" CDX PT PLYWOOD w/
10d NAILS @ 2"-4"-12" (P.T.)

FLOOR JOIST
REF.

3x4 SILL PLATE
P.T., w/ "J" BOLTS
(OR LTP4'S)
PER SHEAR WALL
SCHEDULE

GRADE BEAM, REF.
WHERE OCCURS
CMU WALL SIMILAR



12x12 GRADE BEAM W/ 4
CONT. #5 BARS
f'c=2,500 PSI

DRIVEWAY

Samples from
www.AutoCADDetails.net

3/16"

FACE OF (E) WALL

3/8"x6"x10" PL.

<4" CLR. MAX. (TYP.)

2"x6" TS, ATTACH TO WALL FRAMING w/ 4-1/4"Øx3-1/2" LAG SCREWS TO (N) 4x SOLID BLK'G OR (N) 4x RIM JOIST, SIM TO BALCONY FLOOR

1 1/4"x1 1/4" TUBE @ 6'-0" MAX.

1/2"x1/2" BAR @ 4" O.C.

1 1/4"x1 1/4" TUBE 6'-0" MAX. (TYP.)

3/8" PERFORATED ST. PL.

3'-6"

1/8"

3/8"Øx5" LAG SCREWS @ 6" O.C., STAGG'D

C6X10.5 ALL EDGES, ATTACH TO WALL FRAMING w/ 1/4"Øx3-1/2" LAG SCREWS @ 4" O.C. STAGG'D

REPLACE (E) RIM JOIST OR BLOCKING w/ 4x RIM JOIST OR FULL DEPTH 4x BLOCKING w/ MST60 EA. SIDE (2 TOTAL)

(E) WALL, REF.

SPECIAL INSPECTION REQUIRED FOR ALL FIELD WELDING

samples from www.AutoCADDetails.net

NOTES ON EXPANSIVE SOIL :

IF EXPANSIVE IS ENCOUNTERED ON SITE THE FOLLOWING REQUIREMENTS SHALL BE COMPLIED WITH:

1.) DEPTH OF FOOTING BELOW NGL AND FGL SHALL NOT BE LESS THAN 24" EXTERIOR AND 18" INTERIOR FOOTINGS.

2.) EXTERIOR WALL AND INTERIOR BEARING WALLS SHALL BE SUPPORTED ON CONTINOUS FOOTINGS.

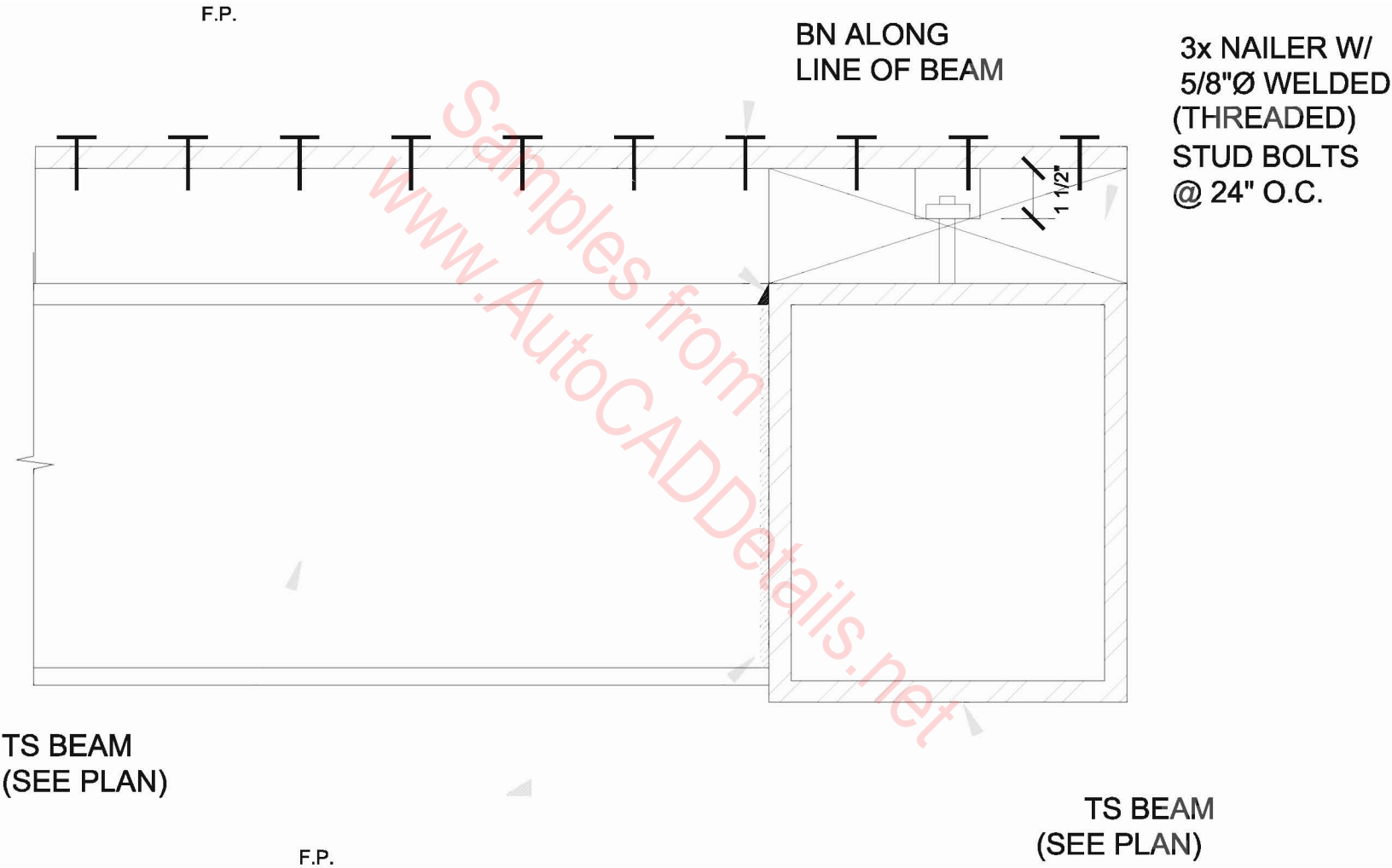
3.) FOOTINGS SHALL BE REINFORCED WITH FOUR #4 DEFORMED REINFORCING BARS.TWO SHALL BE PLACED 4" OF THE BOTTOM OF THE FOOTING AND TWO BARS WITHIN 4" OF THE TOP OF THE FOOTING.

4.) CONCRETE FLOOR SLABS ON GRADE SHALL BE PLACED ON A 4" FILL OF COURSE AGGREGATE OR ON MOISTURE BARRIER MEMBRANE.THE SLABS SHALL BE AT LEAST 3 1/2"THICK AND SHALL BE REINFORCED WITH #4 REBARS @16"O.C.EACH WAY.

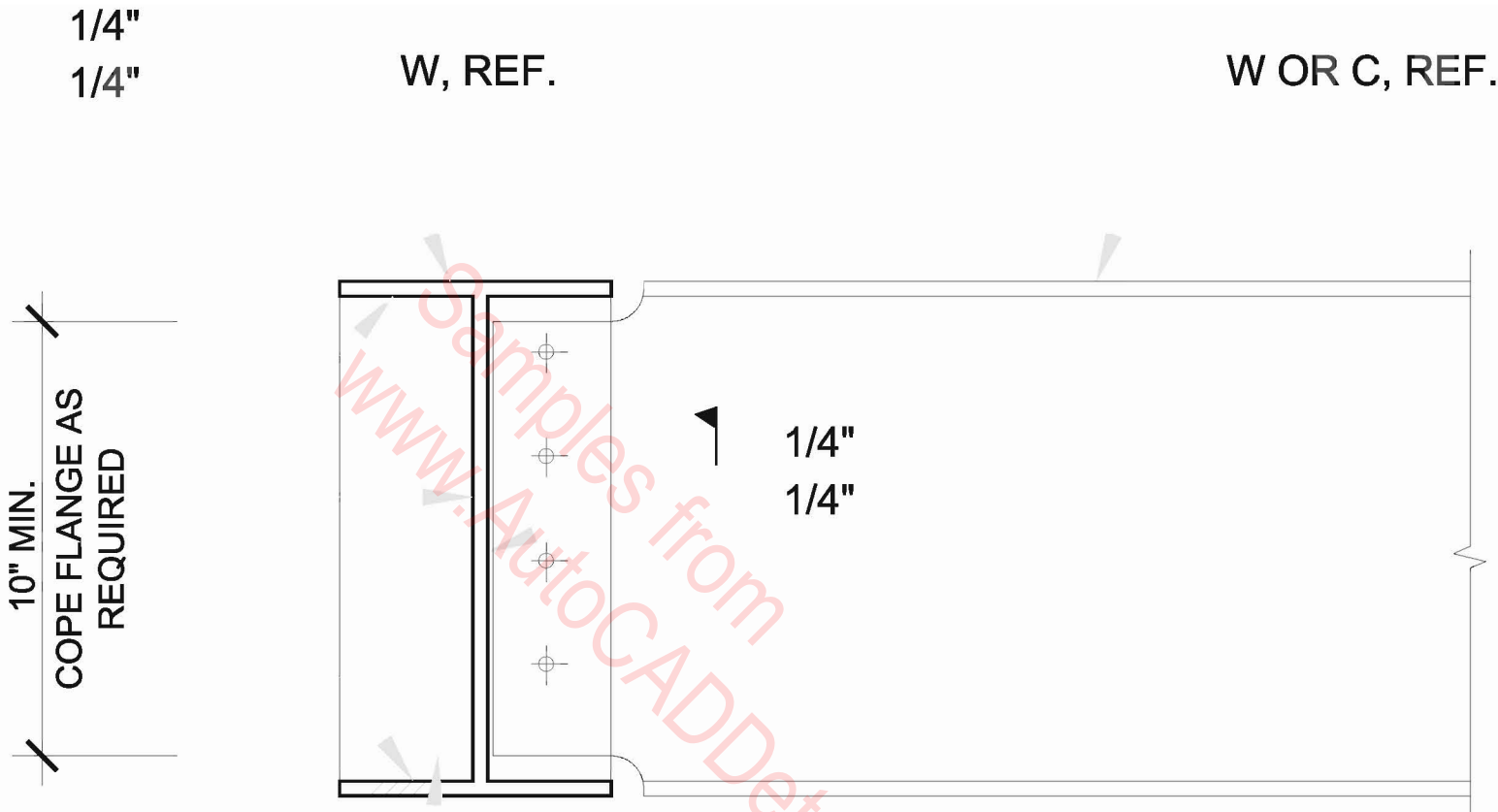
5.) THE SOIL BELOW AN INTERIOR CONCRETE SLAB SHALL BE SATURATED WITH MOISTURE TO A DEPTH OF 18" PRIOR TO PLACING OF CONCRETE.

CONCRETE SLABS ON GRADE ON EXPANSIVE SOILS OR COMPACTED FILL SHALL BE PLACED ON A 4" FILL COARSE AGGREGATE OR ON A 2" SAND BED COVERED MOISTURE BARRIER MEMBRANE.THE SLABS SHALL BE AT LEAST 3- 1/2 "THK AND SHALL BE REINFORCED WITH #4 BARS SPACED AT INTERVALS NOT EXCEEEDING 16"O.C. EACH WAY.

Samples from www.AutoCADDetails.net

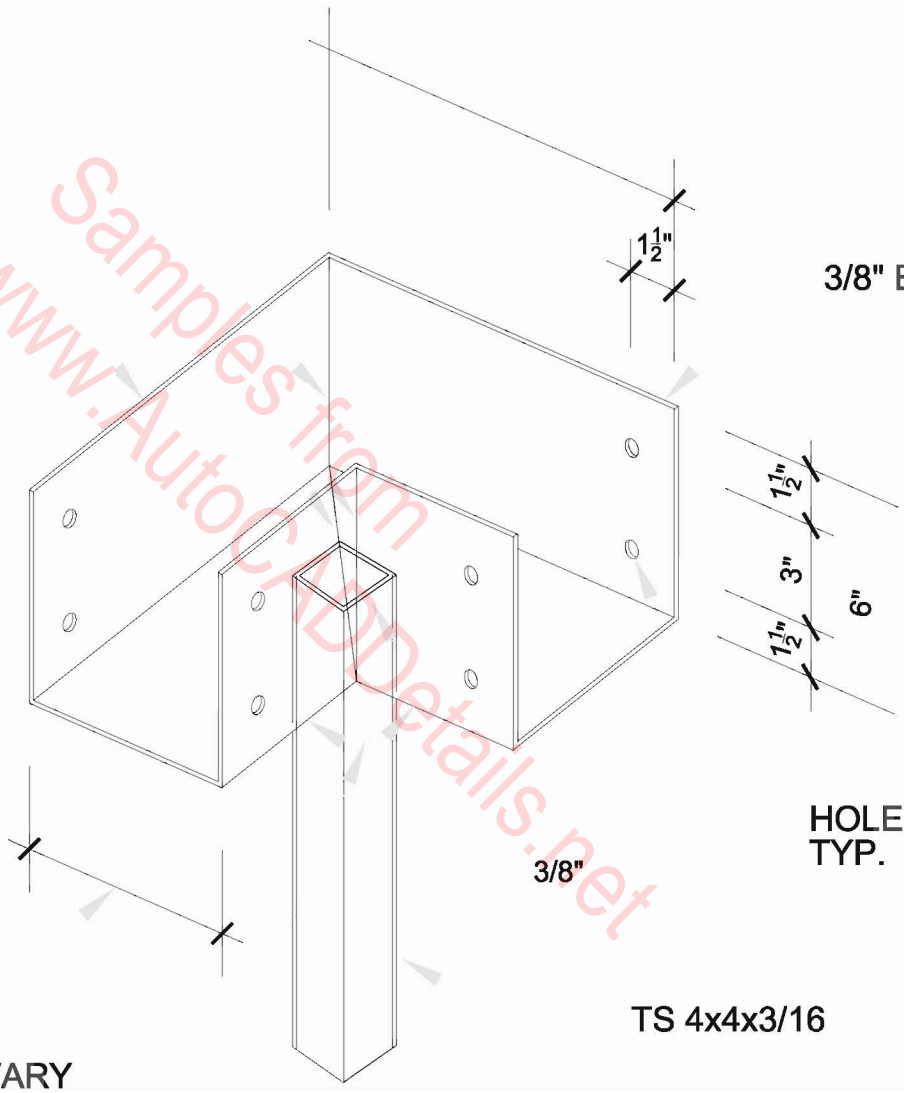


Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

BALANCE OF INFO NOT SHOWN FOR CLARITY



Samples from www.AutoCADDetails.net

LESS THAN 4" CLR.
MAX. (TYP.)

2"x6" TUBE

1 1/4"x1 1/4" TUBE
@ 6'-0" MAX.

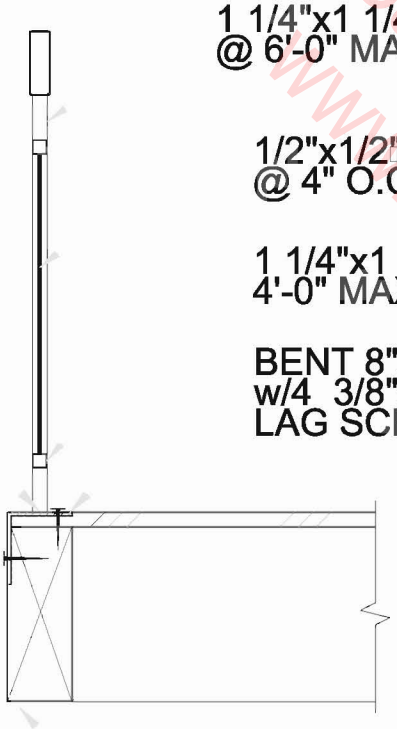
1/2"x1/2" BAR
@ 4" O.C.

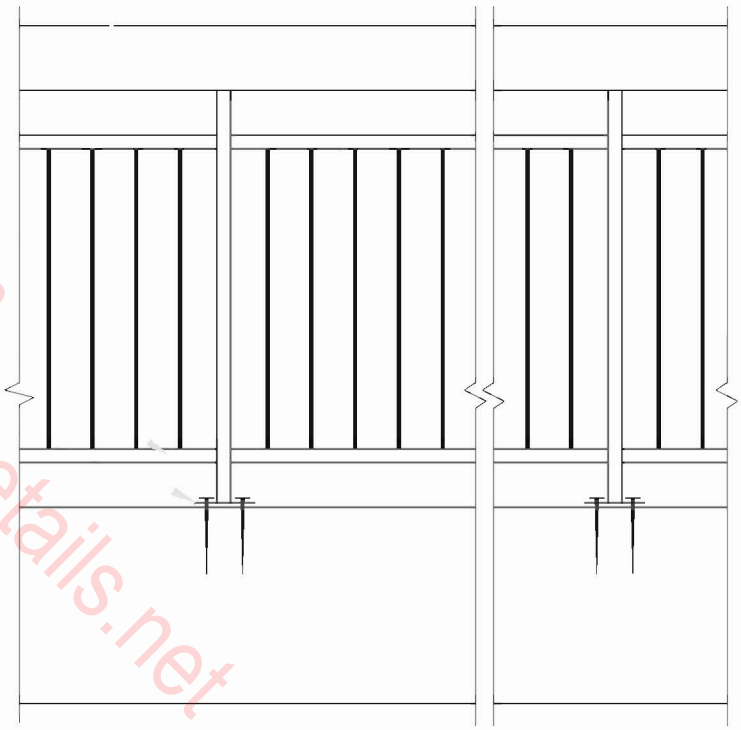
1 1/4"x1 1/4" TUBE
4'-0" MAX. (TYP.)

BENT 8"x4"x1/4" ST. PL.
w/4 3/8"Ø x 3" LONG
LAG SCREWS

3'-6"

1/8"





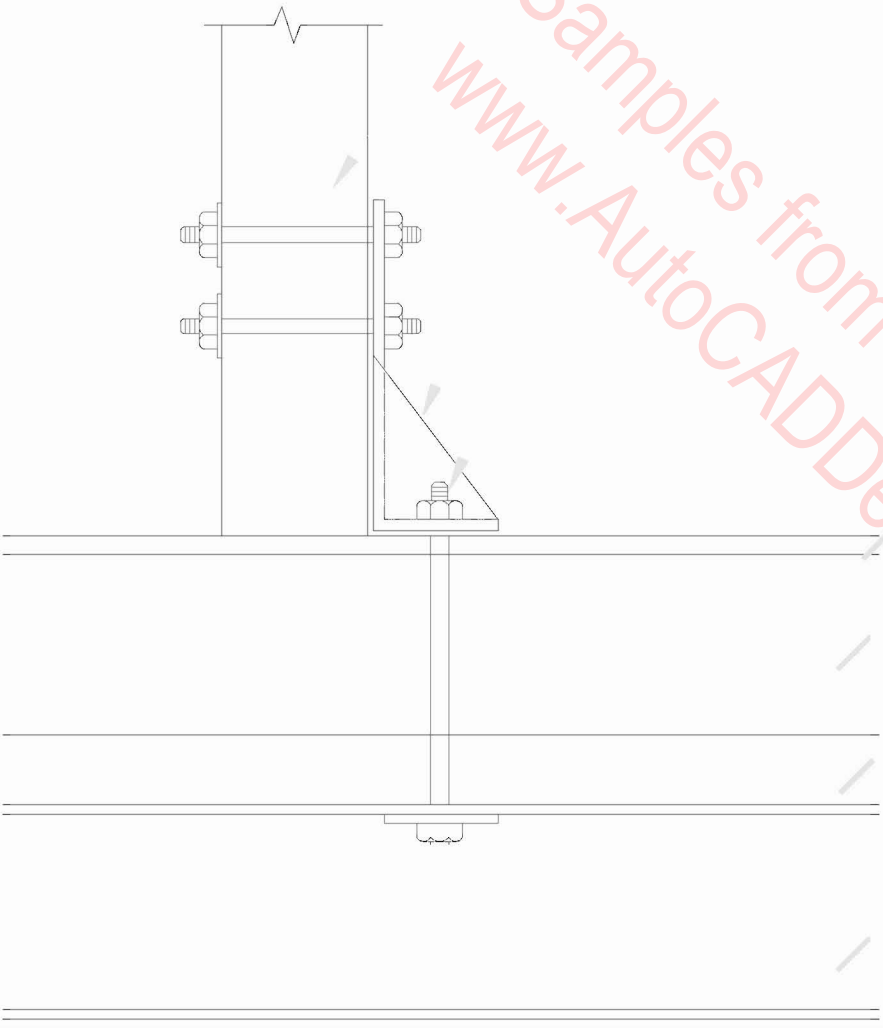
Samples from www.AutoCADDetails.net

WOOD BEAM, REF.

4x4

HD8A

7/8"Ø M.B. w/
WASHER & NUT

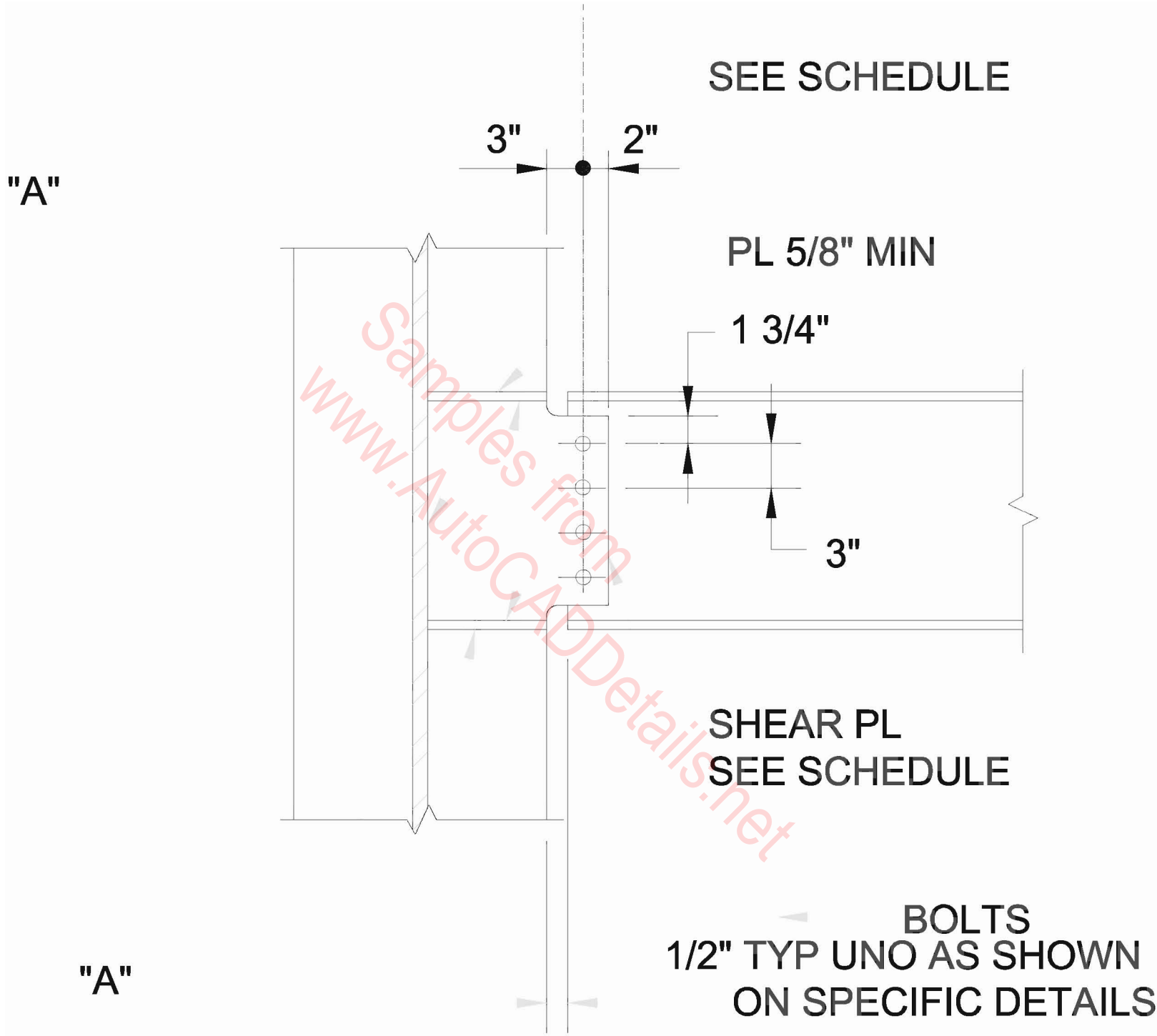


2ND FLOOR
FRAMING, REF.

3x NAILER
REF.

STEEL FRAME,
REF.

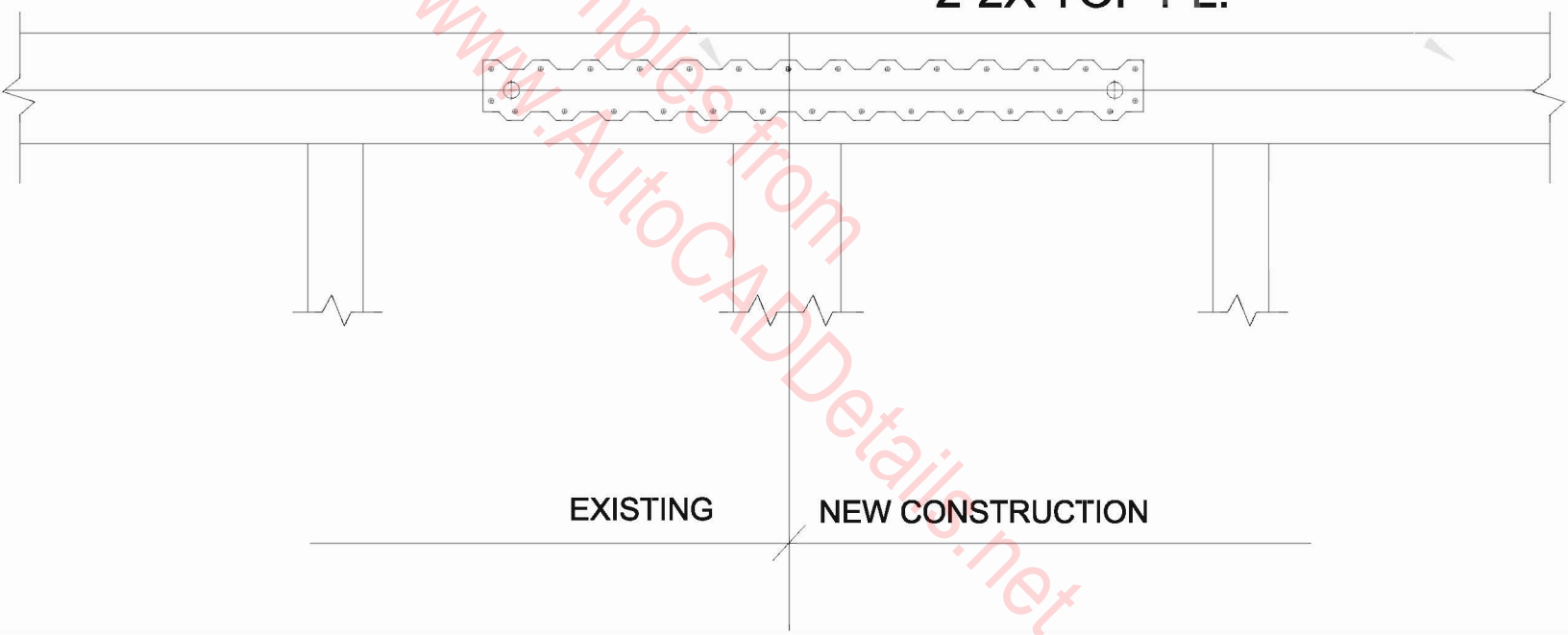
Samples from
www.AutoCADDetails.net



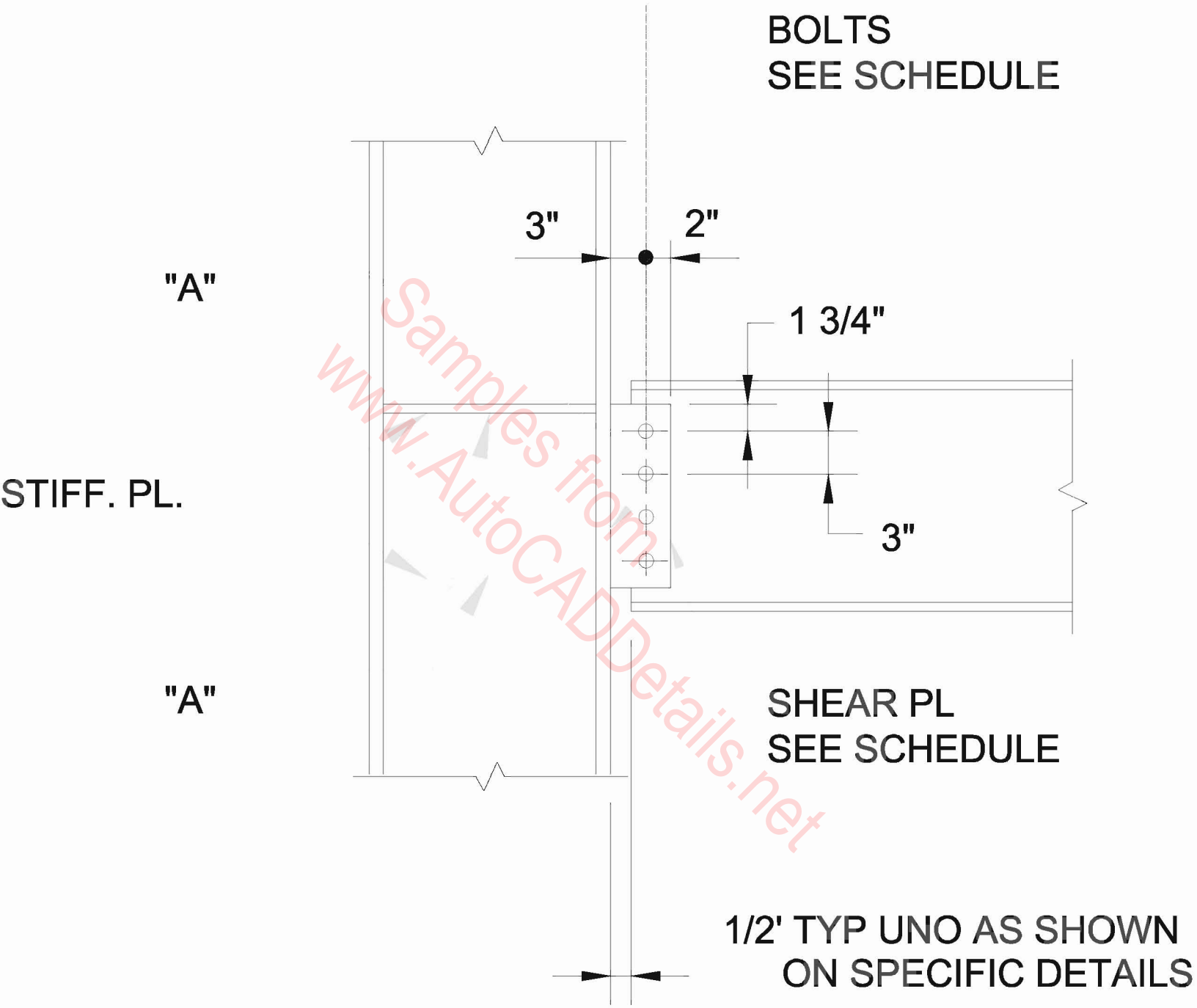
Samples from
www.AutoCADDetails.net

BEAM TO COLUMN WEB

ST 6224

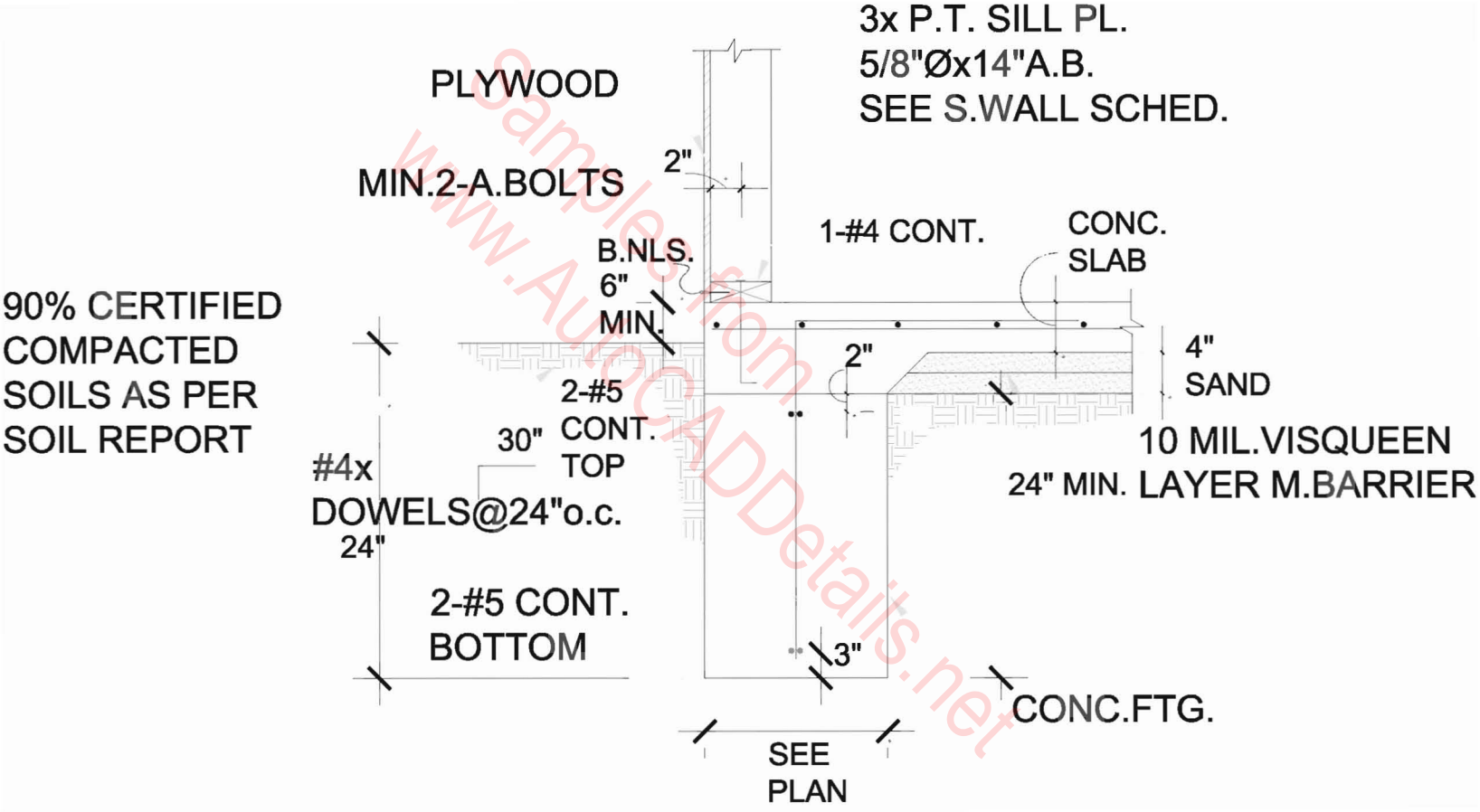


Samples from www.AutoCADDetails.net

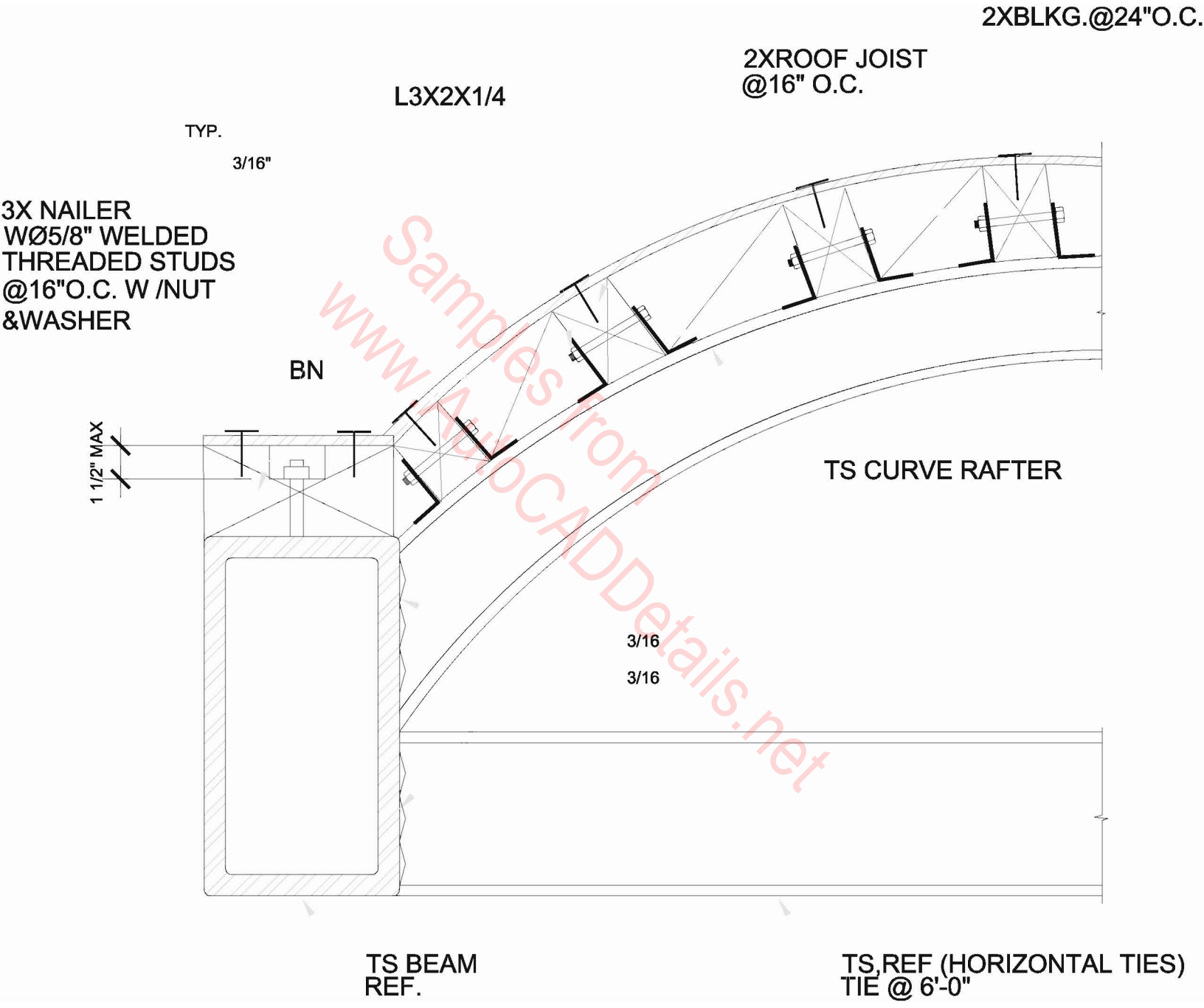


Samples from www.AutoCADDetails.net

BEAM TO COLUMN FLANGE



Sample from www.AUTOCADDetails.net



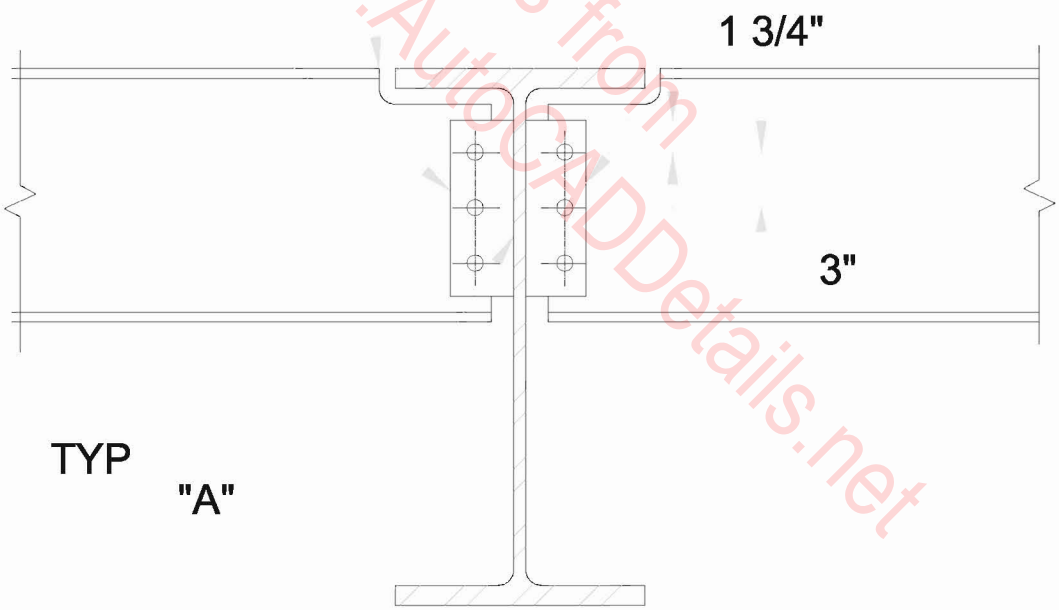
Samples from
www.AutoCADDetails.net

℄ GIRDER

COPE BEAM FLANGE

SHEAR PL.
AND NUMBER OF BOLT
SEE SCHEDULE

SHEAR PL

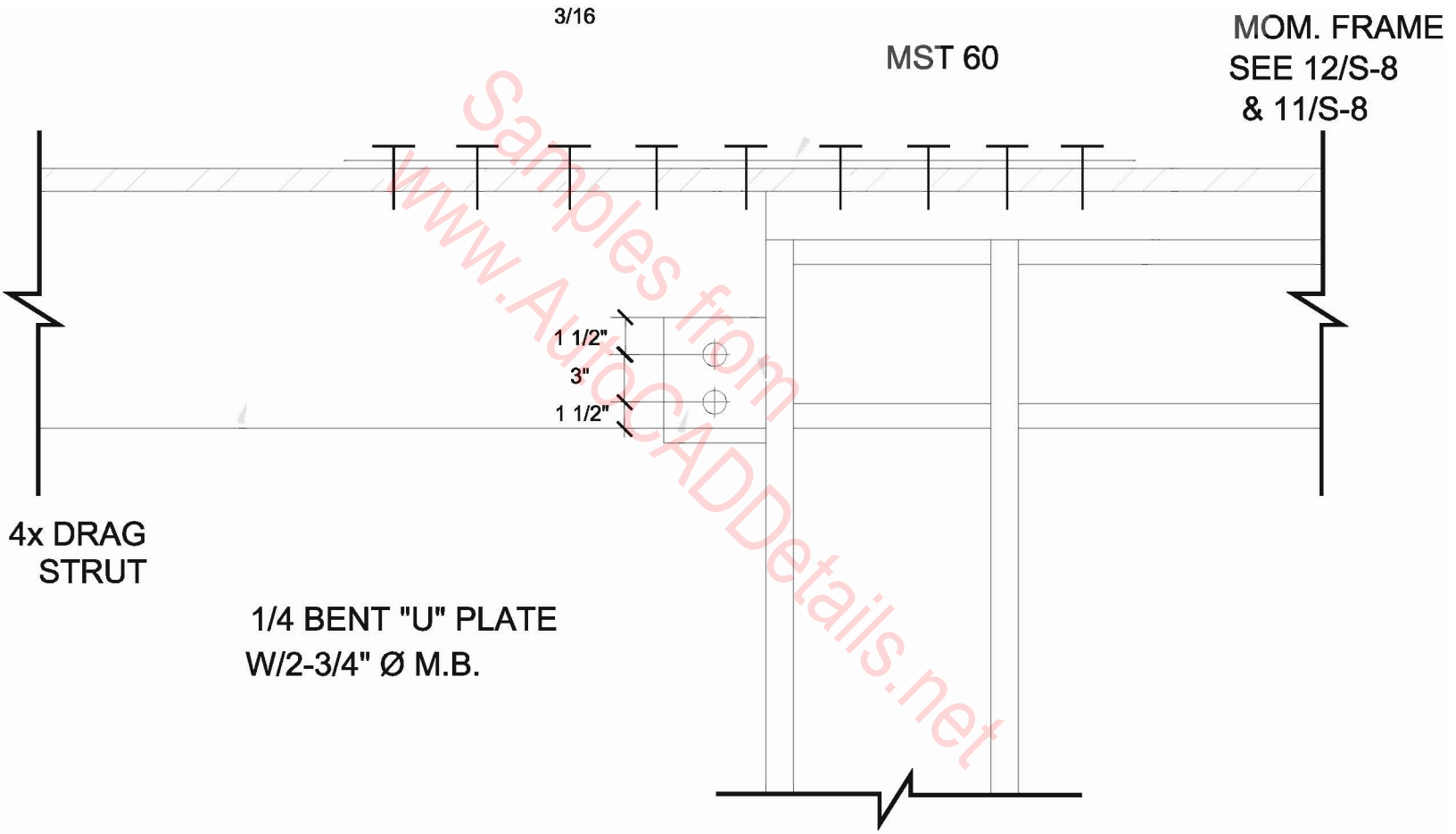


OF BOLTS PER

TYP
"A"

BEAM TO BEAM CONN

Samples from
www.AutoCADDetails.net

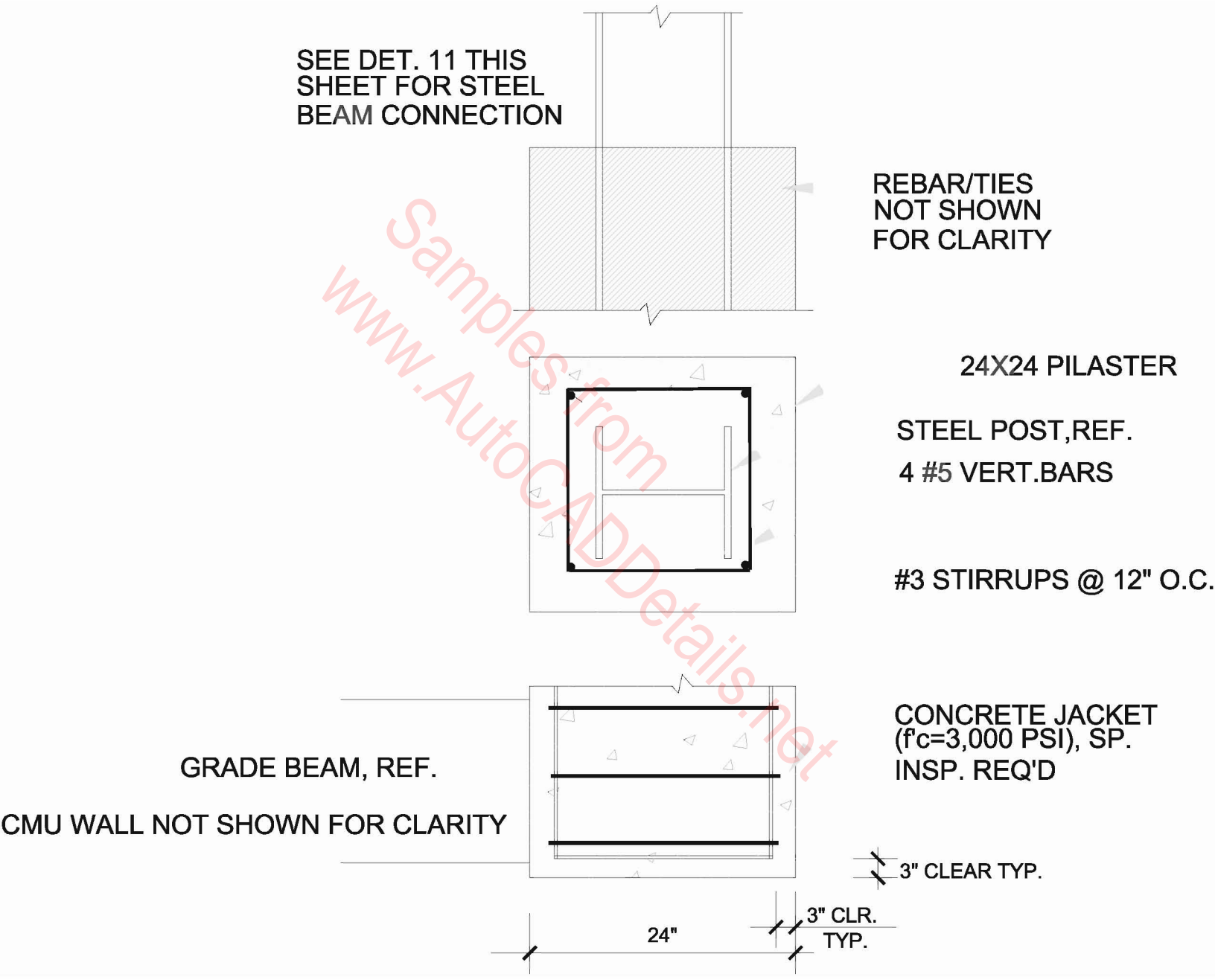


Samples from www.AutoCADDetails.net

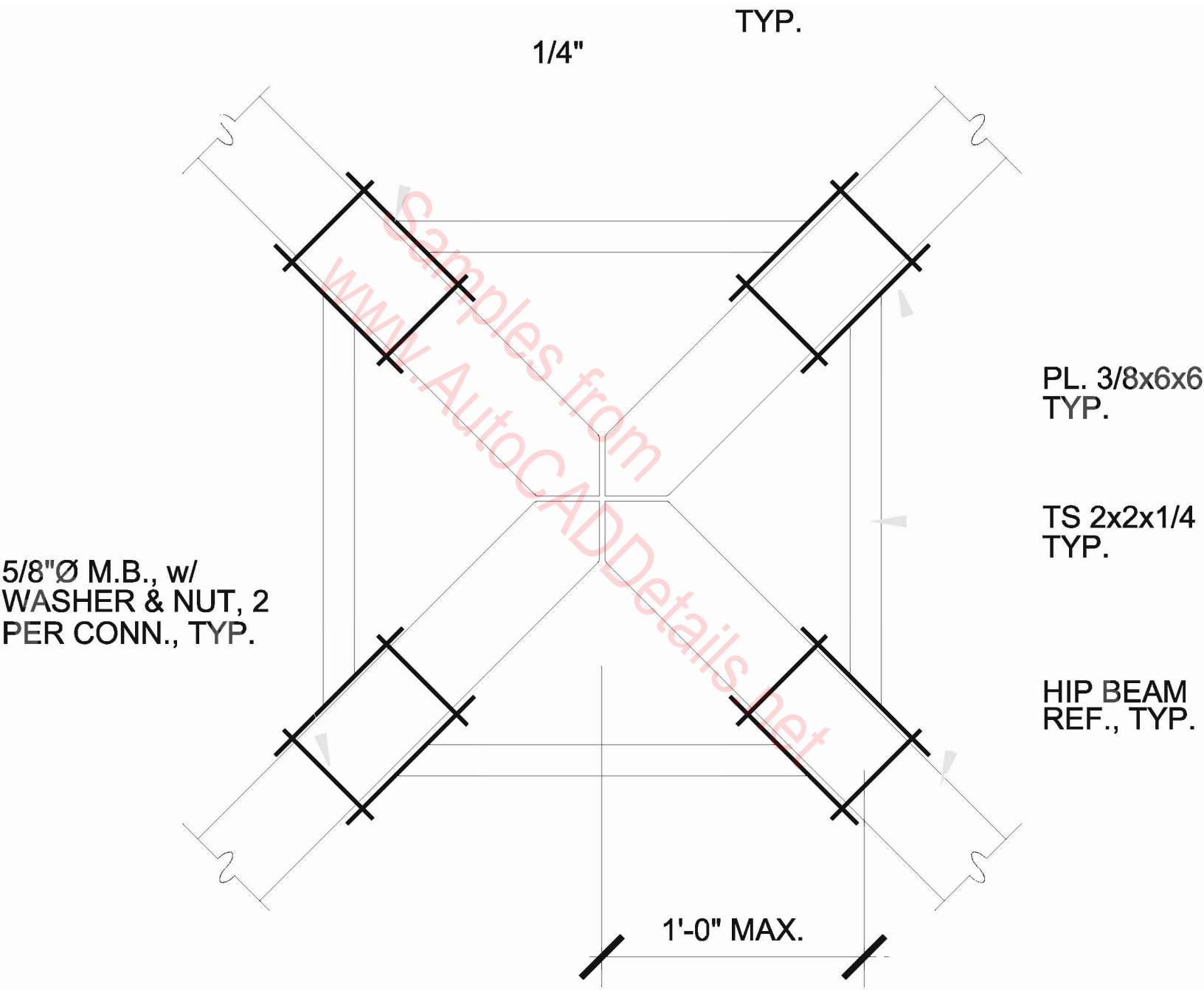
BOLT SCHEDULE

BEAM DEPTH	SHEAR PL (THK)	WELD SIZE ("A")	3/4"Ø A325N NUMBER OF BOLTS TYP UNO	7/8"Ø A325N NUMBER OF BOLTS TYP UNO	1 3/8"Ø A325N NUMBER OF BOLTS TYP UNO	REMARKS
W8	3/8"	1/4"	2	N.A.	N.A.	
W10	3/8"	1/4"	2	N.A.	N.A.	
W12	3/8"	1/4"	3	N.A.	N.A.	
W14	3/8"	1/4"	N.A.	3	N.A.	
W16	1/2"	5/16"	N.A.	4	N.A.	
W18	1/2"	5/16"	N.A.	5	N.A.	
W21	1/2"	5/16"	N.A.	6	N.A.	
W24	1/2"	5/16"	N.A.	7	N.A.	

Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



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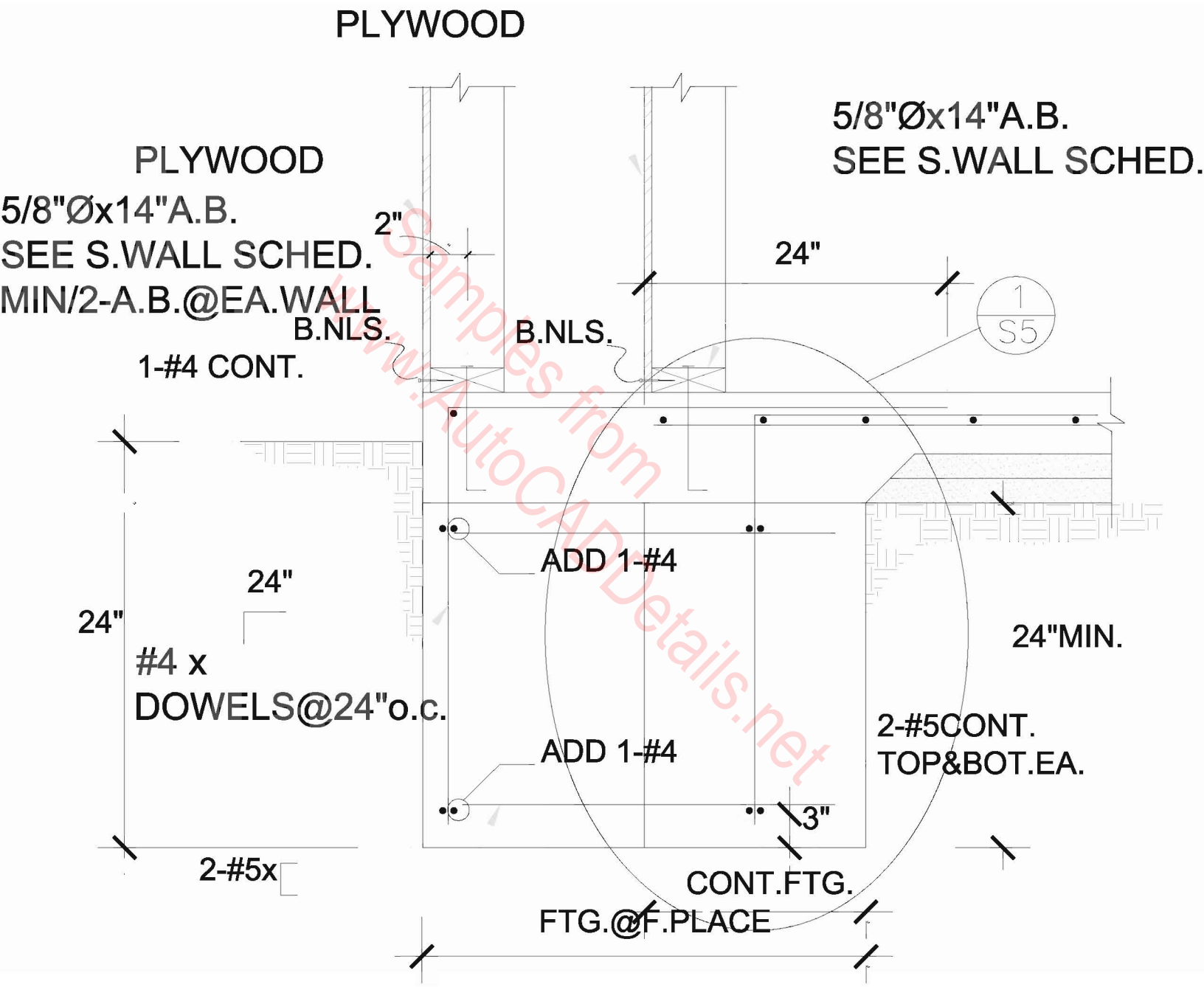
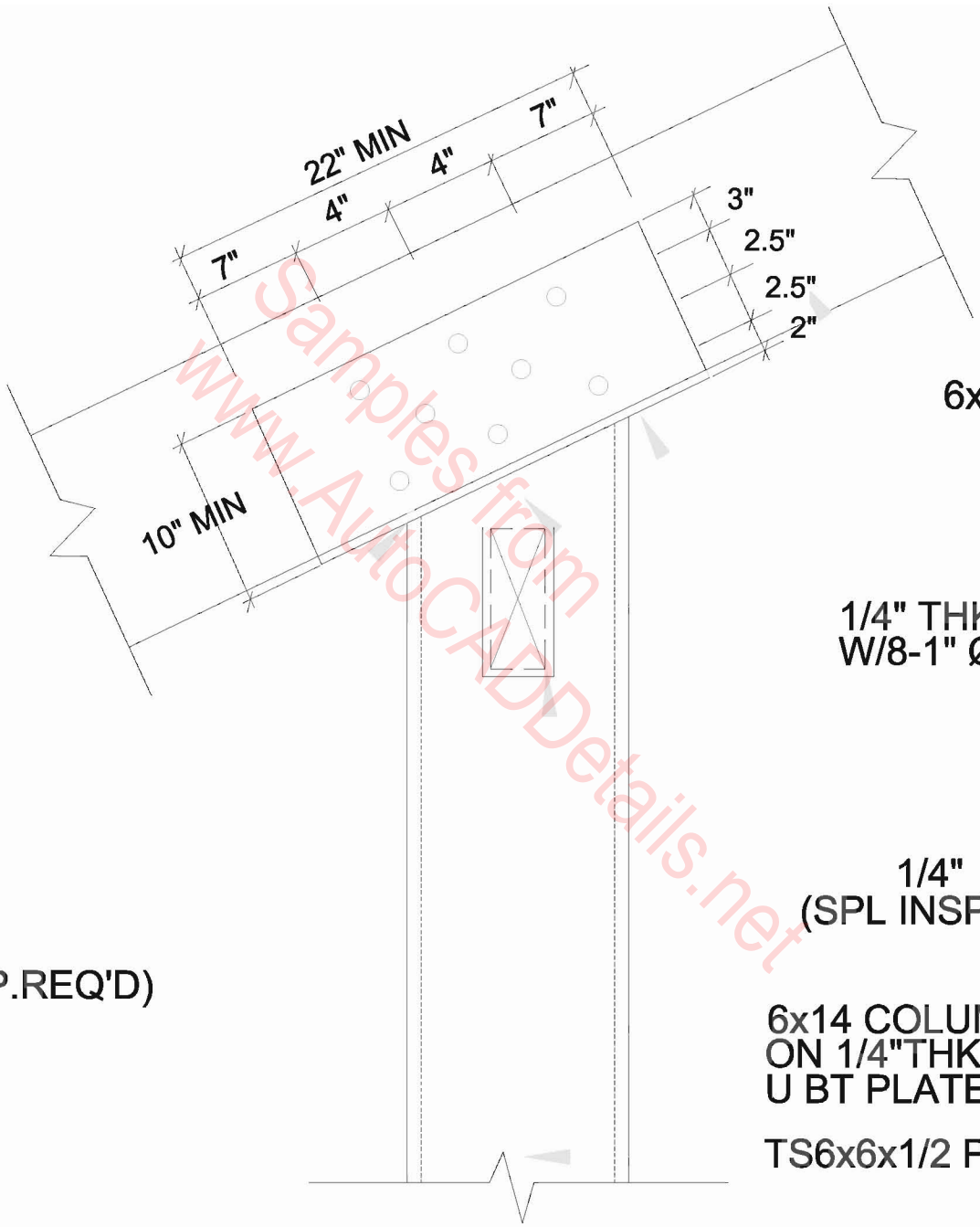
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



6x14 HIP BEAM

1/4" THK. BENT PLATE
W/8-1" Ø BOLT

TYP.

1/4"
(SPL INSP.REQ'D)

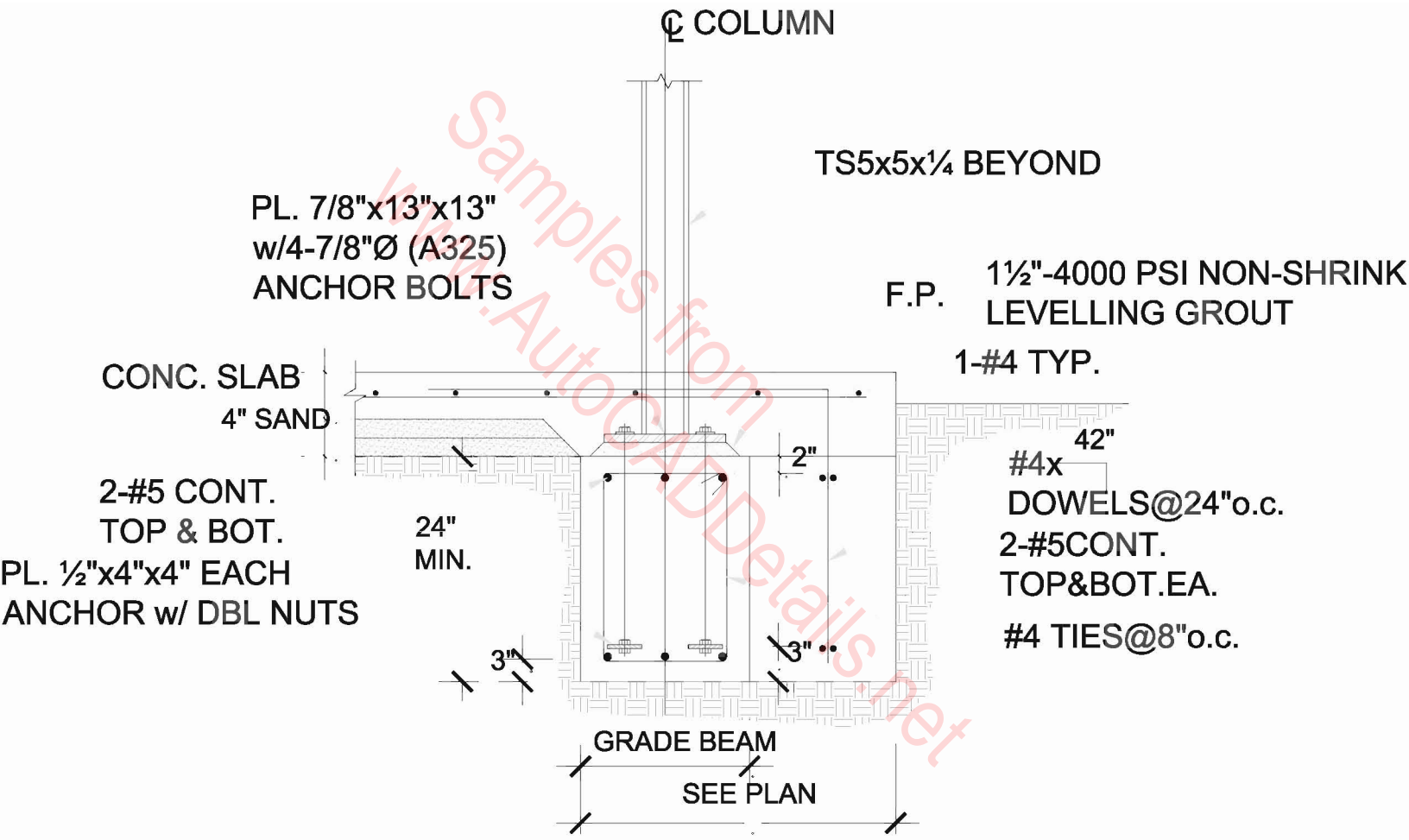
TYP

1/4
(SPL INSP.REQ'D)

6x14 COLUMN TIES
ON 1/4"THK x12"DEEP
U BT PLATE HANGER(TYP)

TS6x6x1/2 POST

Samples from
www.AutoCADDetails.net



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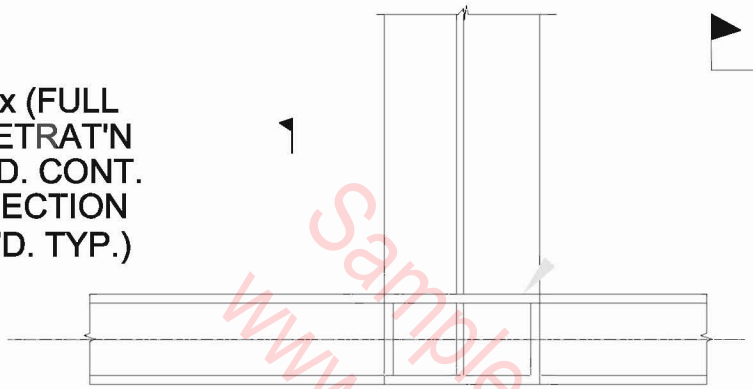
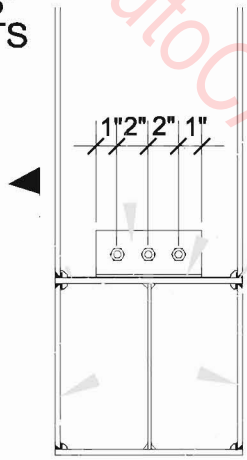


E70xx (FULL PENETRAT'N WELD. CONT. INSPECTION REQ'D. TYP.)

BACKUP BAR TO REMAIN
REMOVE WELD TABS
TYP. TOP FLANGE

6"x4"x1/4" STEEL ANGLE W/ 3-5/8" DIA A325F BOLTS



1/4"

BACKUP BAR TO REMAIN
REMOVE WELD TABS
TYP. TOP FLANGE
(FULL PEN)

F.P. FULL HT. OF BEAM FLG TO COL.WEB

5/16

AFTER ROOT IS CLEANED & INSPECTED
REMOVE BACKUP BAR
REMOVE WELD TAB

SHEAR TAB THKNESS TO MATCH BEAM WEB THK(1/2"x4") w/2-5/8"ØE.BOLTS(AS REQ'D)

1/4" TYP.(3 SIDES)

CONTINUITY PLATE (T&B) SAME THICKNESS AS FRAMING GIRDER FLANGE

FULL DEPTH STIFFNER PL.

1/2" DOUBLER PLATE(B.S.)

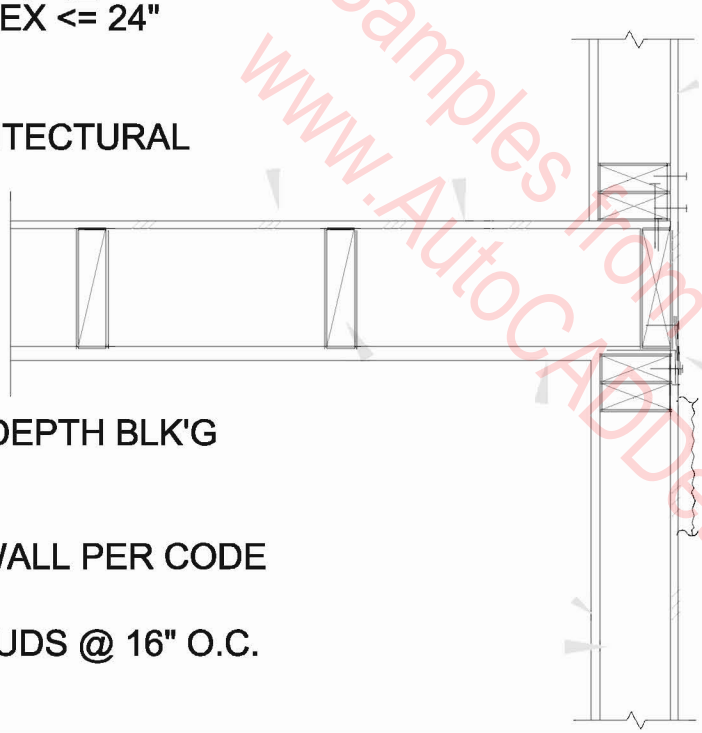
Samples from www.AutoCADDetails.net

5/8" CDX PLYWOOD w/10d
NAILS @ 4"-4"-12"
PANEL INDEX <= 24"

ROOF RAFTER

PARAPET PER ARCH.
(WHERE OCCURS)

ROOFING
SEE ARCHITECTURAL



FULL DEPTH BLK'G

LTP4 PER S/W SCH., NOT REQ'D
IF PLYWOOD IS NAILED TO RIM
JOIST OR BLK'G, AND PANEL
IS A MIN. OF 48" HIGH (TYP.)

DRYWALL PER CODE

2x STUDS @ 16" O.C.

Samples from
www.AutoCADDetails.net

Notes:

CONCRETE

1. Cast-in-place concrete shall be regular weight stone aggregate concrete. Unless noted otherwise, minimum 28-day compressive strength shall be as follows:

Use	28-day Strength
a) Footings, grade beams, and slabs	3000 psi.
b) All other concrete	2500 psi.

2. Cylinder tests shall be made for all concrete greater than 2500 pst and test results shall be submitted to the Architect for review and approval. All concrete greater than 2500 psi shall be subject to continuous inspection in conformance with the Bldg. Code.

3. Cement shall conform to ASTM C150.

4. Aggregates shall conform to ASTM C33.

5. Ready mix concrete shall comply with ASTM C94.

6. Unless noted otherwise, reinforcing steel for ties and stirrups shall be ASTM A615 Grade 40; all other reinforcing steel shall be ASTM A615 Grade 60.

7. Welded wire fabric shall comply with ASTM A185.

8. Min. reinforcing steel lap splice shall be 40 bar dia., 1'-8" min.

9. Unless noted otherwise, all detailing, fabrication, and erection of reinforcing bars shall conform to the current edition of the A.C.I. "Manual of Standard Practice for Detailing Concrete Structures."

10. Unless noted otherwise, on the dwgs., min. concrete protection for reinforcing steel shall be as follows:

    A. Concrete poured against earth.....3"
    B. Formed concrete exposed to earth or weather:
        a) #5 bars and smaller.....1-1/2"
        b) All bars larger than #5...2"
    C. Formed concrete not exposed to weather or in contact with earth:
        a) Slabs and walls 3/4"
        b) Beams and columns 1-1/2"

11. Refer to architectural, mechanical, plumbing and electrical dwgs. for grooves, clips, inserts, pipe and pipe sleeves embedded in concrete.

12. All field welding shall be subject to continuous inspection by a Registered Deputy Building Inspector.

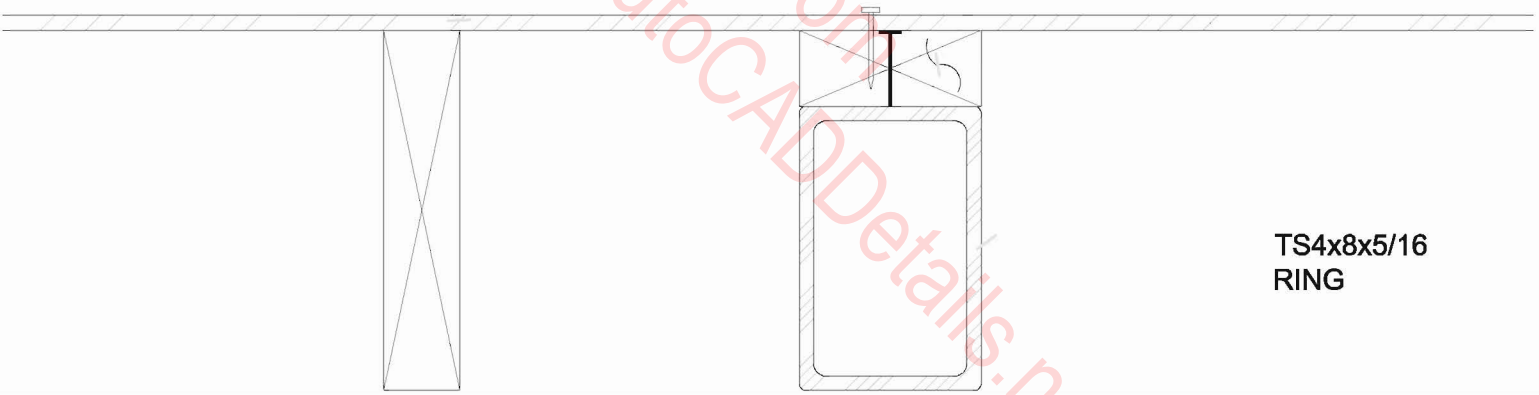
Samples from www.AutoCADDetails.net

3/16

3x NAILER w/ ½"Ø (A307)
WELDED ANCHORS@16"o.c.

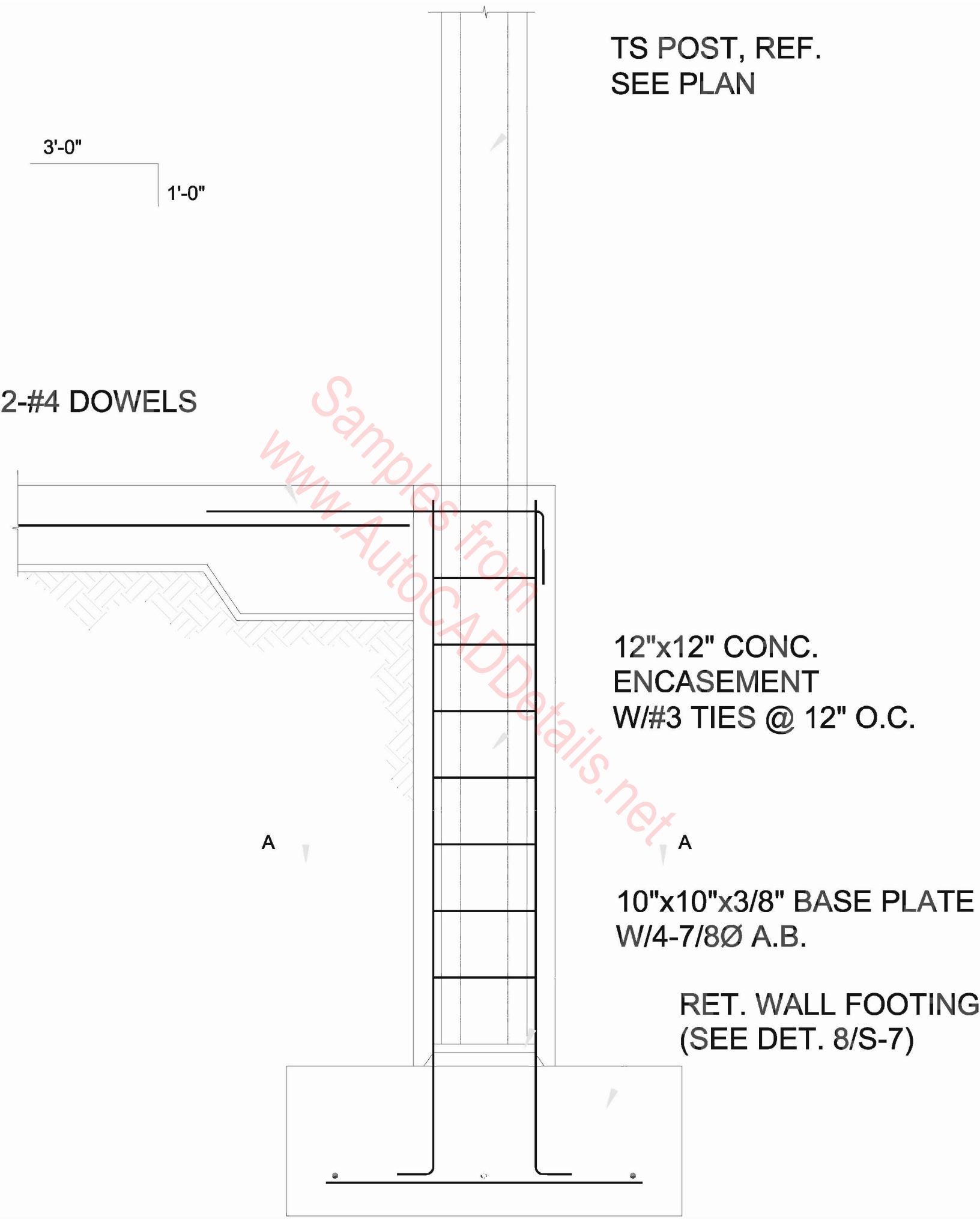
B.N.

ROOF
PLYWOOD



TS4x8x5/16
RING

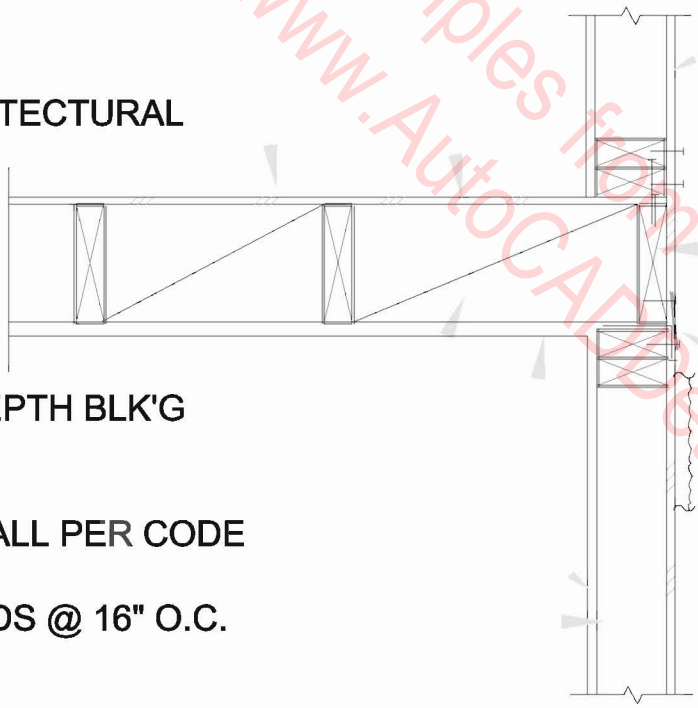
Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

5/8" CDX PLYWOOD w/10d
NAILS @ 4"-4"-12"
PANEL INDEX <= 24"

ROOFING
SEE ARCHITECTURAL



PARAPET PER ARCH.
(WHERE OCCURS)

ROOF RAFTERS

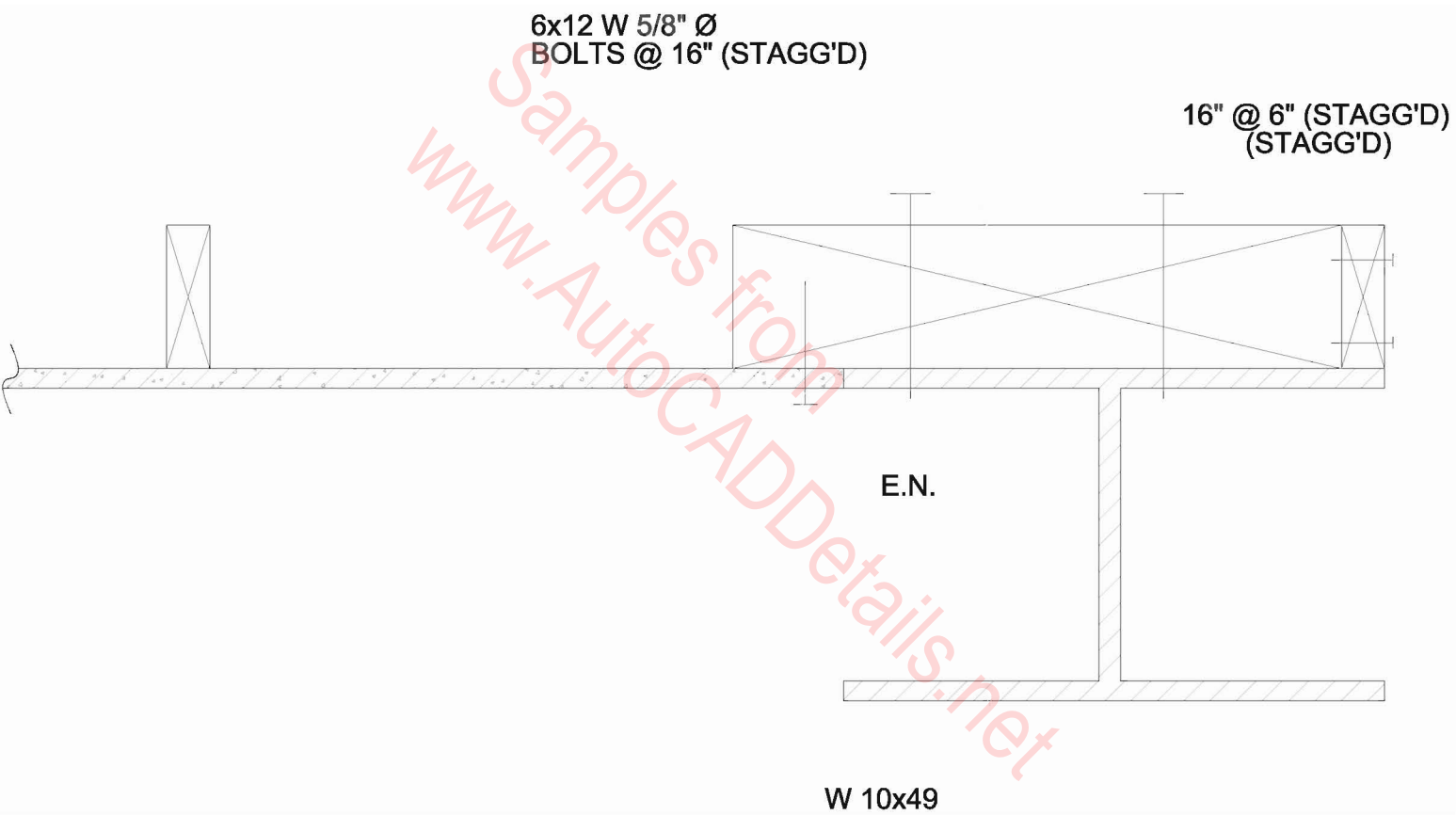
FULL DEPTH BLK'G

LTP4 PER S/W SCH., NOT REQ'D
IF PLYWOOD IS NAILED TO RIM
JOIST OR BLK'G, AND PANEL
IS A MIN. OF 48" HIGH (TYP.)

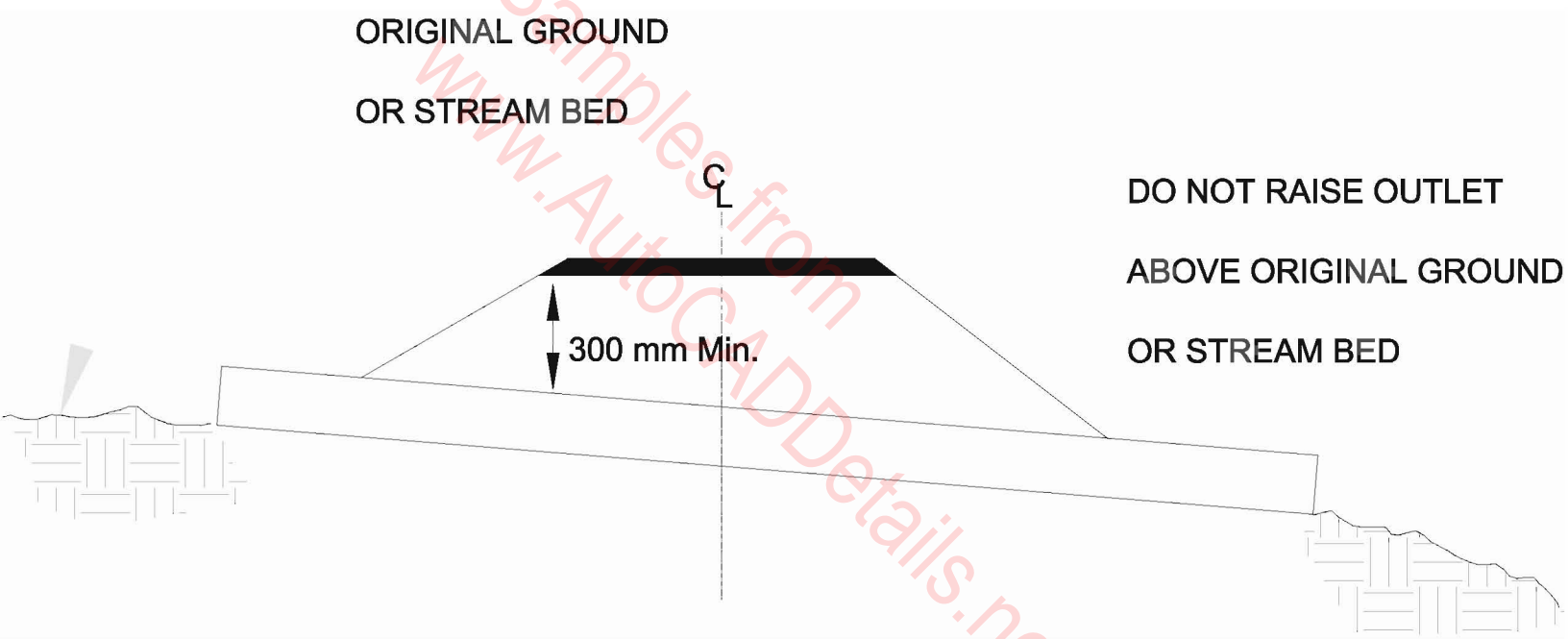
DRYWALL PER CODE

2x STUDS @ 16" O.C.

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

LUMBER Notes:

1. Unless noted otherwise, lumber shall be Douglas Fir, S4S, seasoned and grade marked.

2. Unless noted otherwise on the dwgs., lumber grades shall be as follows:
   A. Vertical Framing Members
      a. 2x & 3x studs, 4x4 posts - No. 2.
      b. All other vertical members - No. 1.

   B. Horizontal Framing Members
      a. Thickness 2" & 3" - No. 1.
      b. All other horizontal members, - No. 1

3. Plywood shall be Douglas Fir and shall comply with U.S. Product Standard PS 1-95. Grades and sizes shall be as specified on plans.

4. Nails shall be common wire nails. Unless noted otherwise on the plans, nailing shall comply with nailing schedules prescribed by the Building Code.

5. Wood connector designations specified on the drawings refer to "Simpson Strong-Tie Connectors" as manufactured by the Simpson Co. and as listed in Simpson Catalog No. C-2001 substitutions shall be subject to review and approval by the Architect.

6. Sill plates and other wood members bearing directly on concrete shall be pressure treated lumber.

7. Bolts shall comply with ASTM A307. Bolt holes shall not be more than 1/32" oversize. All bolts heads and nuts bearing on wood shall have steel washers.

8. Simpson connections shall be installed in accordance with
   U/HU - RR24947, UB/LB - RR24818, CC - RR22086,
   HD - RR24818, RR25158, RR25293, MST - RR25129, RR25149,
   RR25281, A34/A35 - RR25119, RR25293

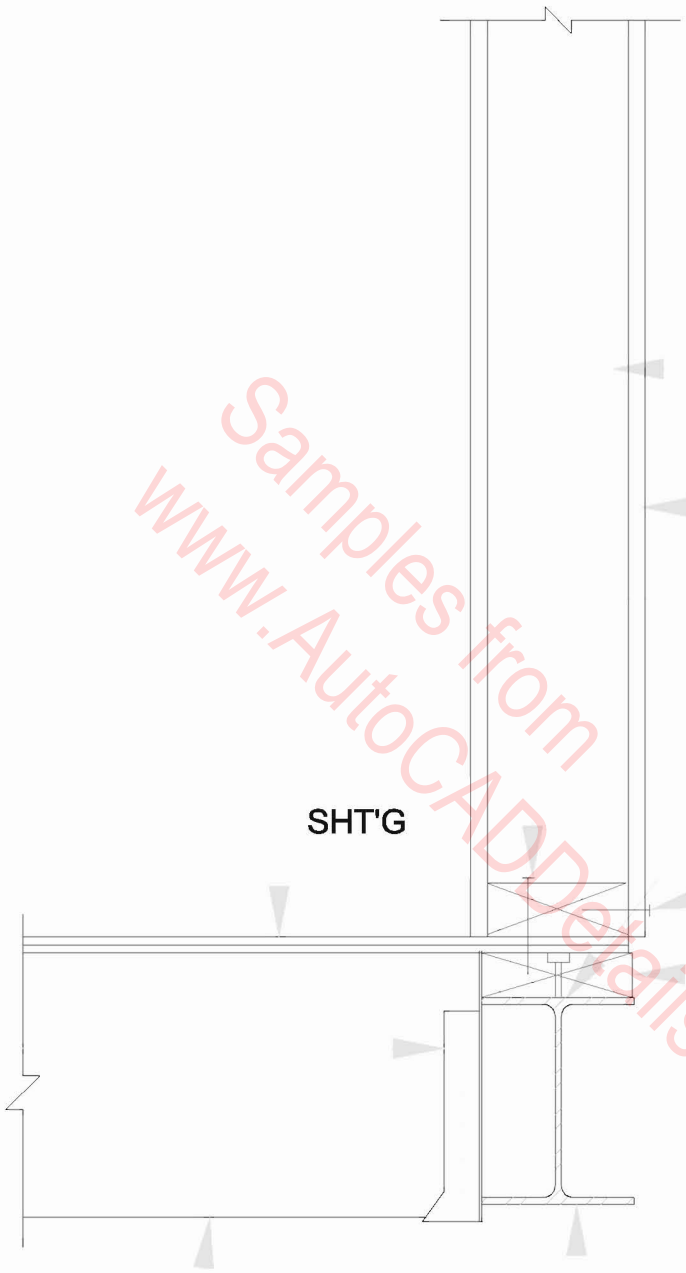
9. Parallam PSL:

a) Shall be fabricated and provided by Trus Joist Mac Millan No Substitutions without the prior written consent of the architect and the structural engineer
b) Installation to be in accordance with ICBO ER 4979, and with Trus Joist Mac Millan's specifications. RR# 25138.
c) Parallam beams shall not be cut, notched or drilled without prior specific written approval of Trus Joist Mac Millian
d) Lateral Support of beams at bearing points is required. Additionally, lateral support of beams compression edge is required at intervals of 24" o.c. or closer
e) Beam widths as indicated on the dams are for single piece members. Multiple member units connected in accordance with Trus Joist Mac Millian's specifications shall not be used without prior written consent of the architect and the structural engineer.
f) Parallam bearing 3" minimum at ends and 7 1/2 " minimum at intermediate supports of continuous spans. Bearing shall be provided for full width of beam.
g) Nailing in parallam beams shall not be spaced any closer than 3" o.c. for 8 d, 4" o.c. for 10d , and 6"o.c. for 16 d, for a single row of nails. If more than one row of nails is used, the row must be offset at least 1/2" and staggered.

10. TJI/Pro:

a) Shall be fabricated and provided by Trus Joist MacMillan. No substitutions without the prior written consent of the Architect and the Structural Engineer.
b) Installation to be accordance with RR#22614, RR#25138, and with Trus Joist MacMillan's specifications.
c) TJI joists shall not be cut, notched, or drilled without prior specific written approval of Truss Joist MacMillan.
d) TJI minimum bearing at end supports is 1-3/4" and at intermediate supports is 3-1/2", unless noted otherwise. Lateral support of joists at bearing points is required, per Trus Joist MacMillan. Provide web stiffeners to TJI's as required per Trus Joist MacMillan specifications.
e) Rim boards shall be minimum 1-1/4" TimberStrand LSL as recommended by Trus Joist MacMillan, unless noted otherwise. Install per manufacturer requirements and specifications, and per ICBO ER-4979
f) Provide bridging to TJI's as required per Truss Joist Mac Millan.
g) Provide shop drawings approval by Truss Joist Mac Millan.
h) L.A. City licensed fabricator is required.

Samples from www.AutoCADDetail.net



WALL WHERE OCCURS

SHEATHING PER PLAN

E.N. SHT'G TO PLATE

1/4" TYP.

SHT'G

B.N.

JOIST HANGER
NAILED TO
NAILER

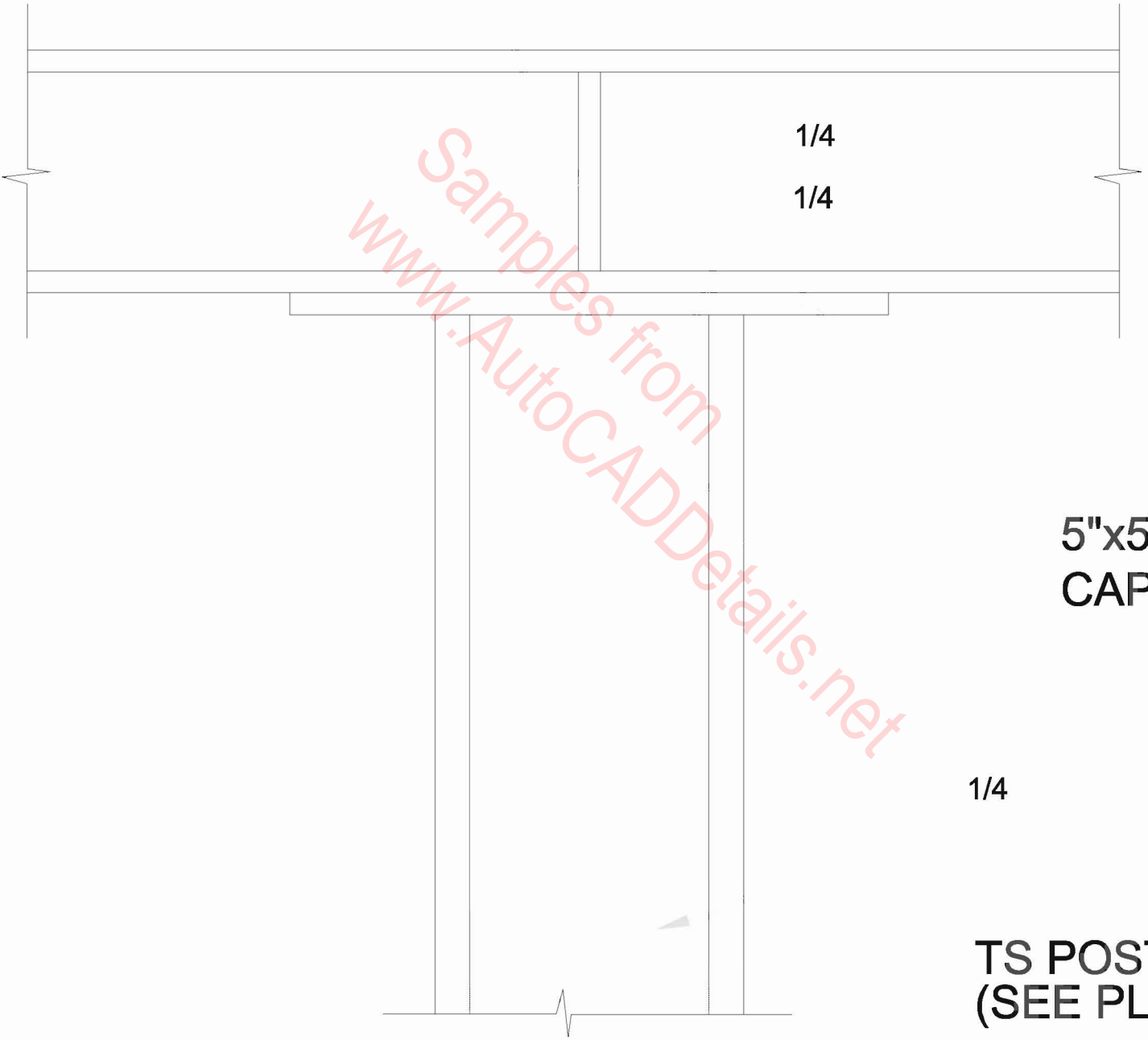
3x WIDTH OF FLANGE
WOOD PLATE W/ 1/2" DIA.
WELDED STUDS @ 32" O.C.-
STUD HEADS MAY BE
COUNTERSUNK INTO PLATE.

FLOOR/ROOF
JOIST, SEE
PLAN.

STEEL BEAM
SEE PLAN

Samples from www.AutoCADDetails.net

3/8 WEB STIFF.



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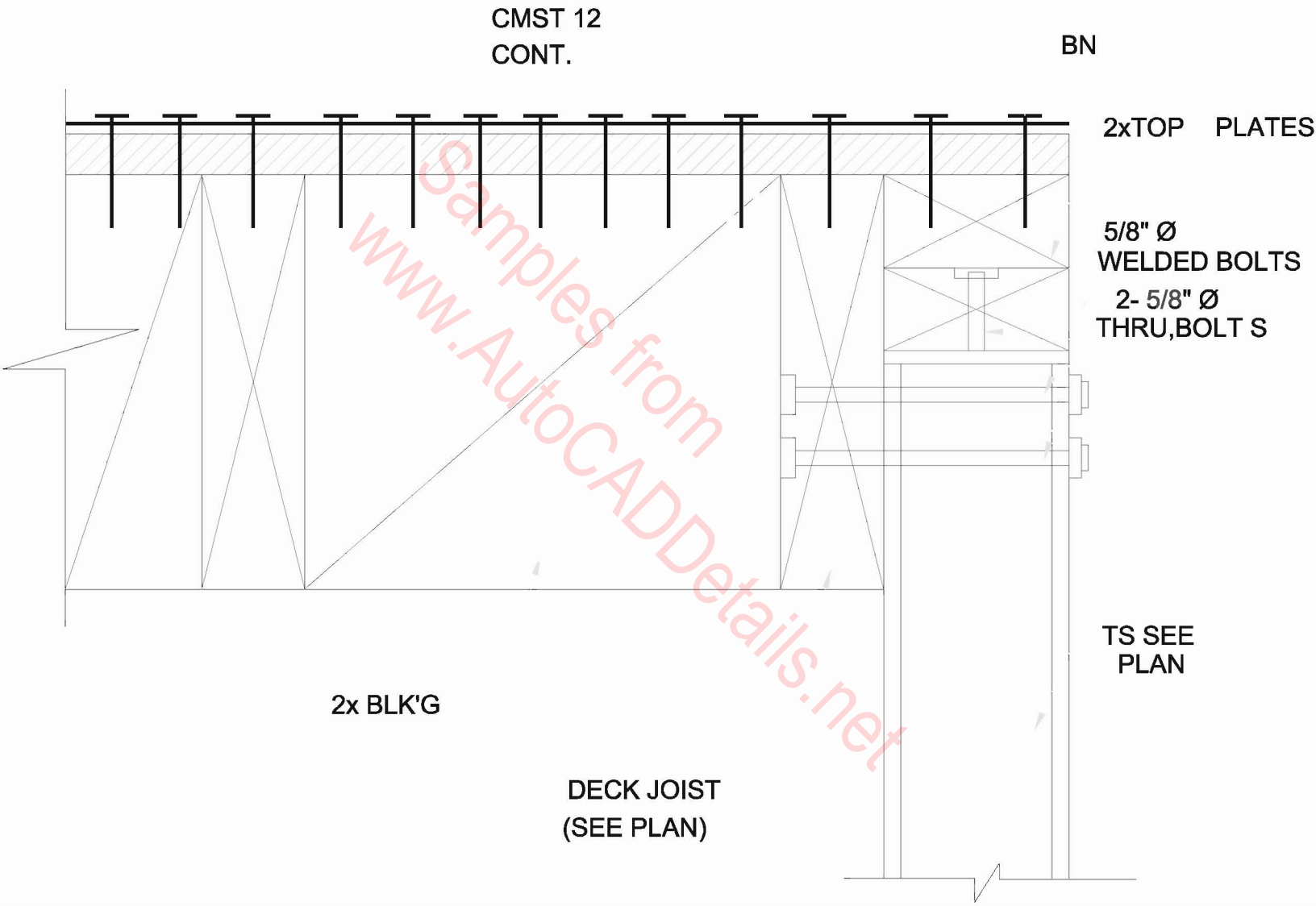
www.AutoCADDetails.net



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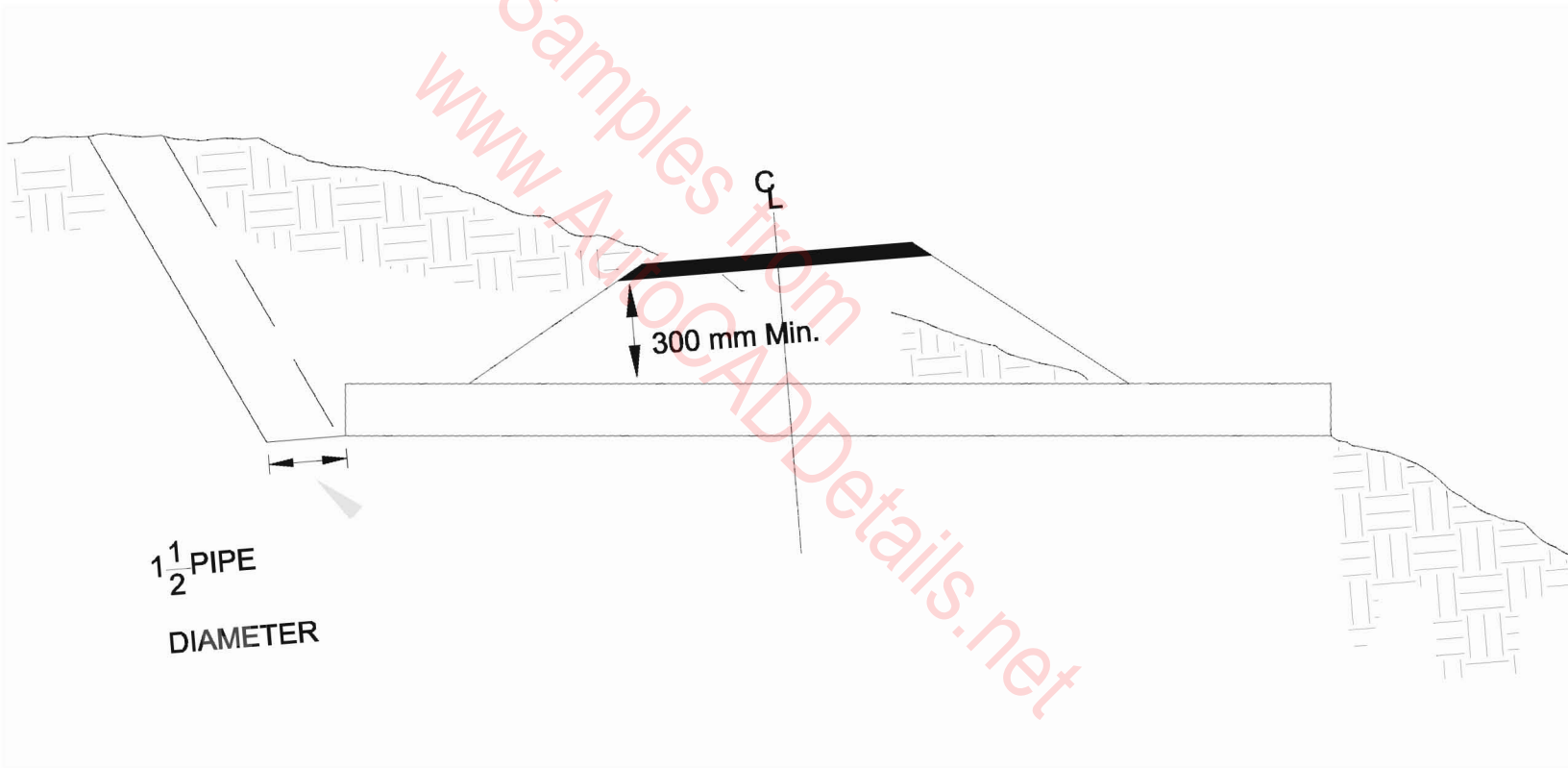
www.AutoCADDetails.net



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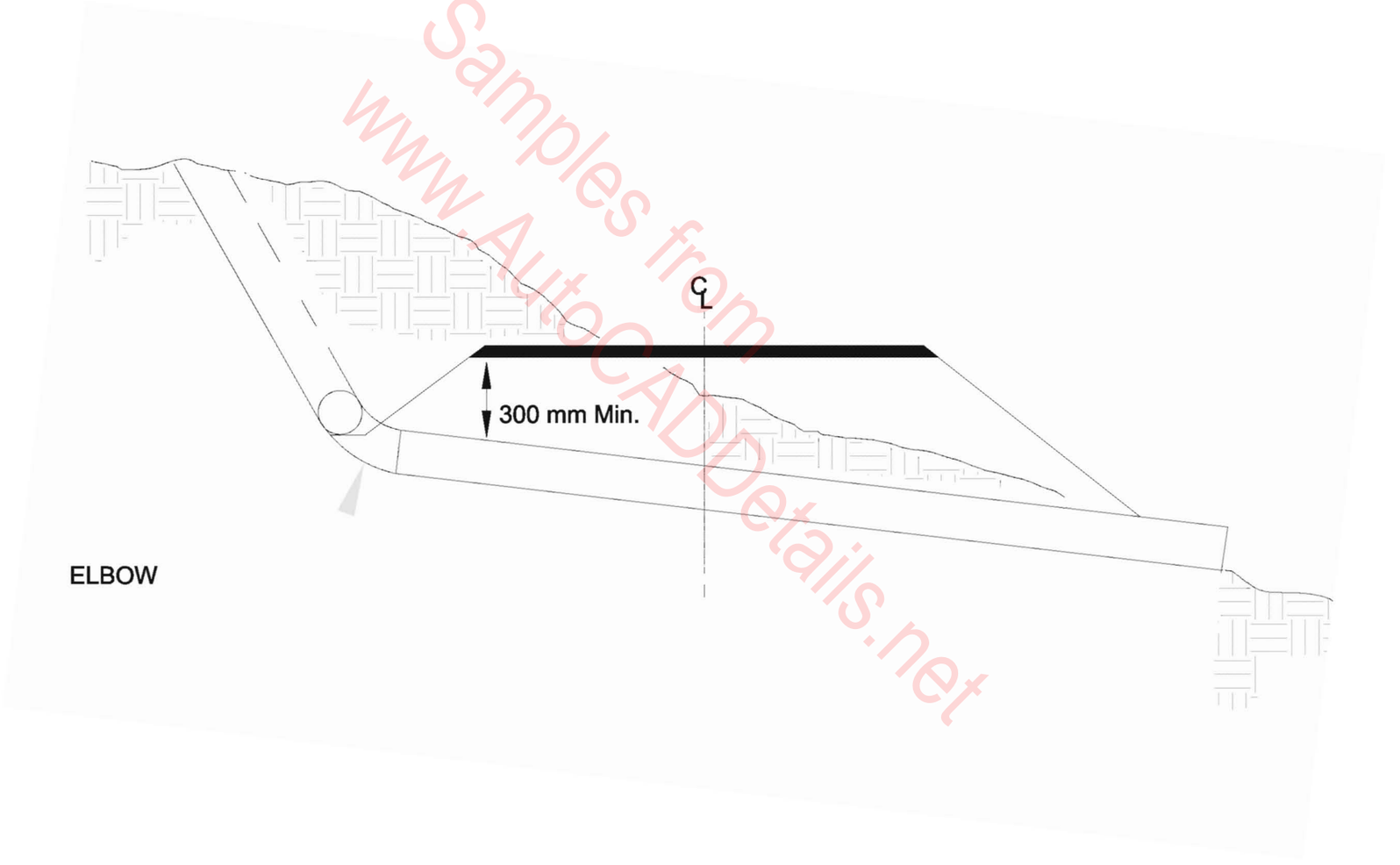
www.AutoCADDetails.net



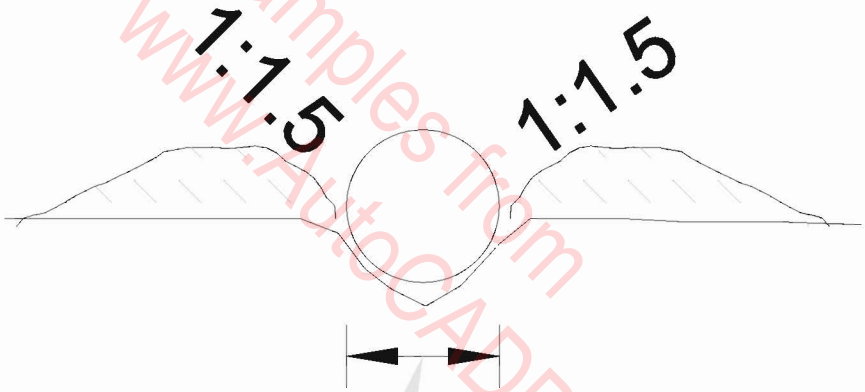
ELBOW

Samples from
www.AutoCADDetails.net

MATERIAL TO BE

DEPOSITED ON BOTH

SIDES OF DITCH



CULVERT

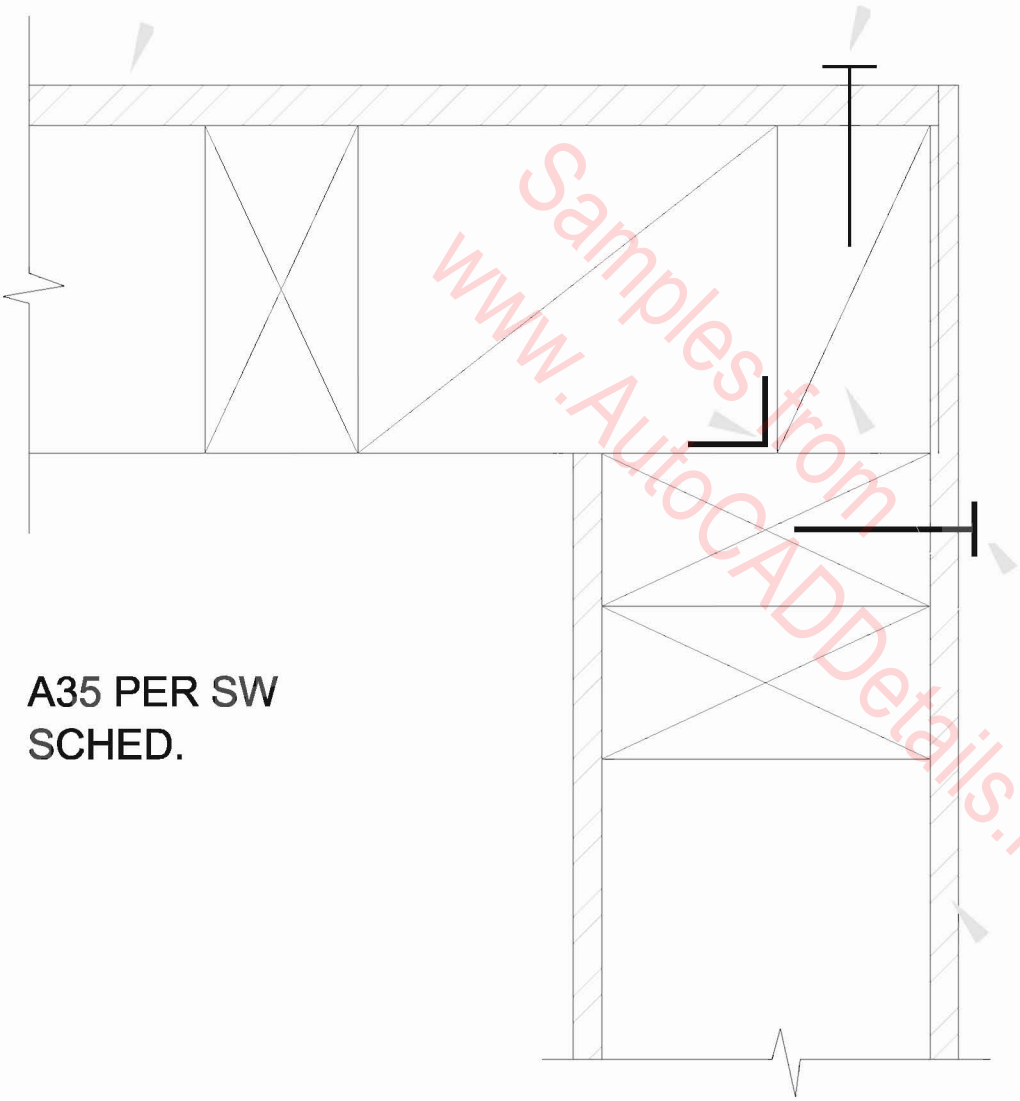
DIAMETER

Samples from
www.AutoCADDetails.net

SECTION A-A

ROOF SHEATING

BN



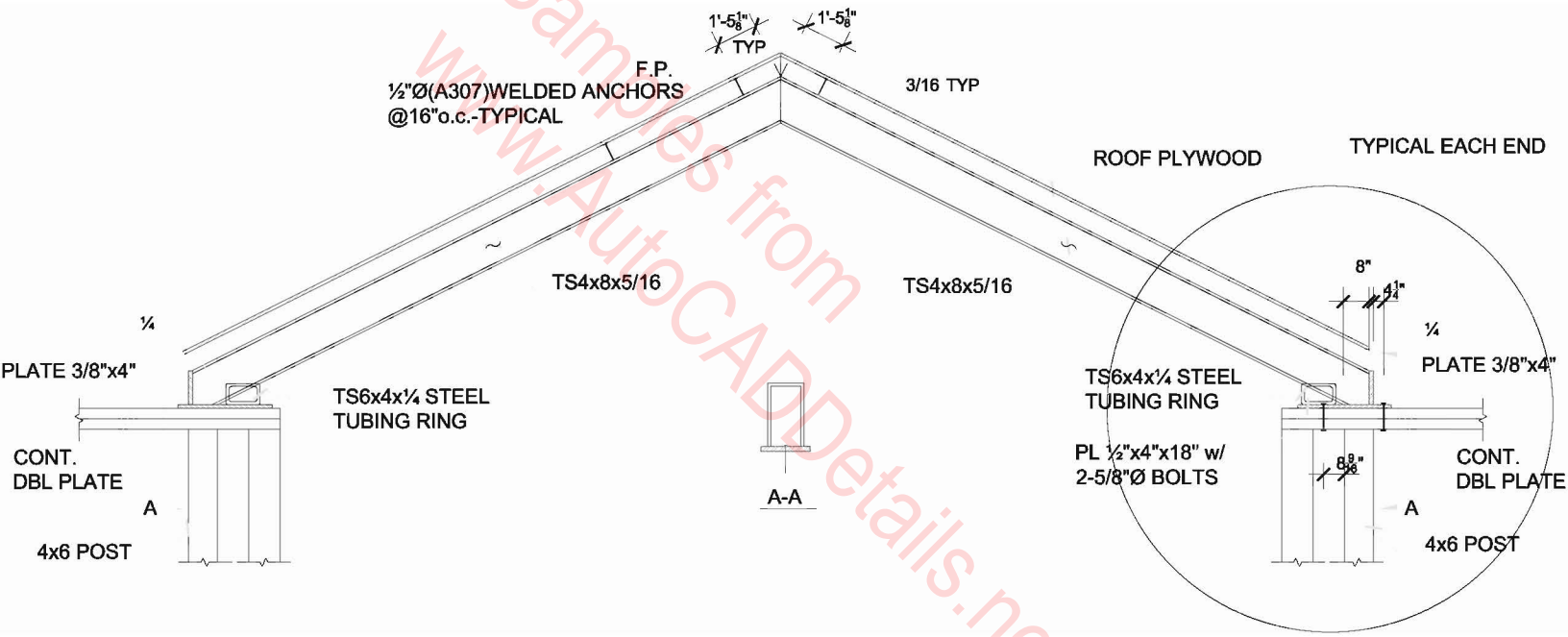
A35 PER SW
SCHED.

E.N.

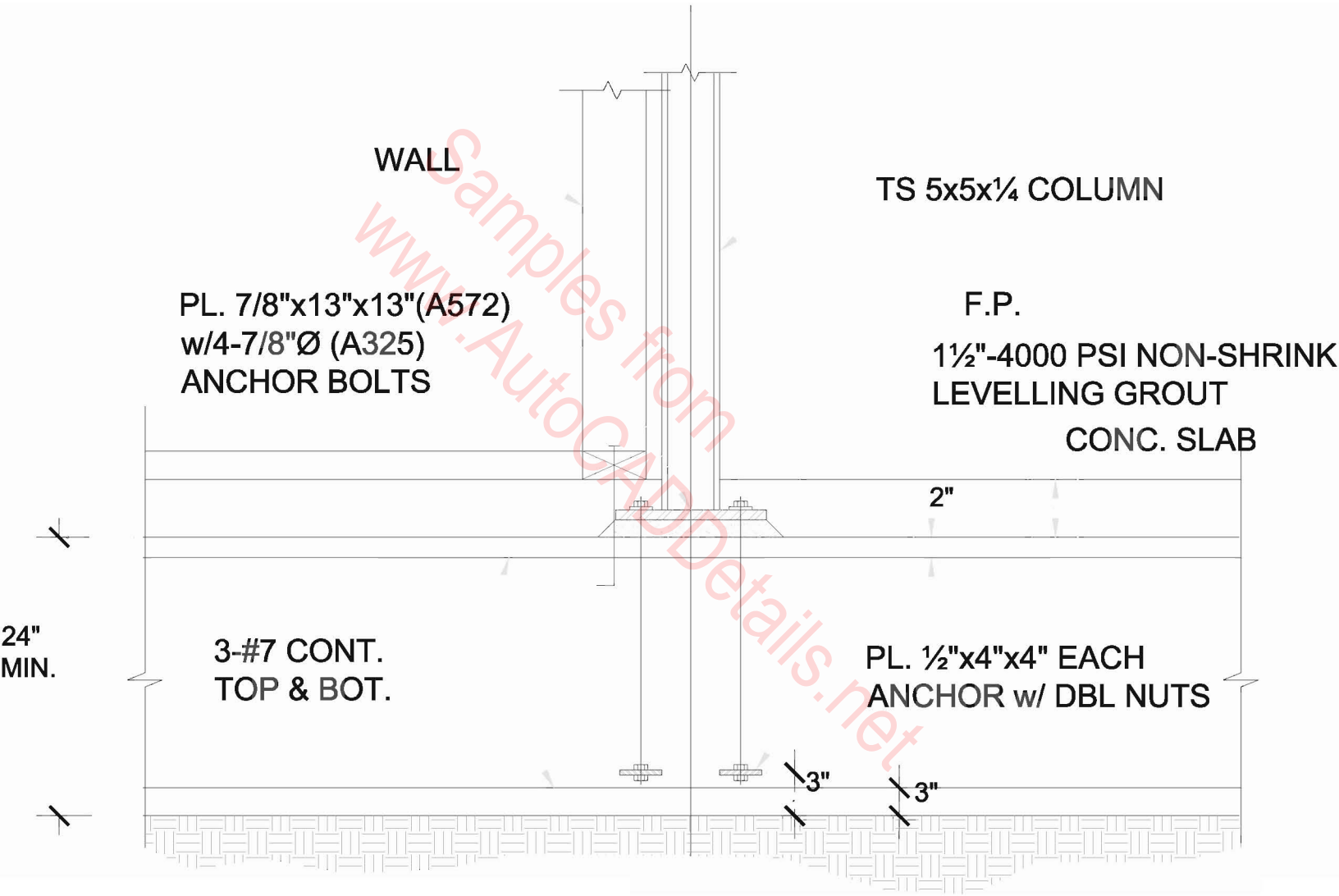
2x CONT. BLKG

PLYWOOD SHEATING
WHERE OCCURS

Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



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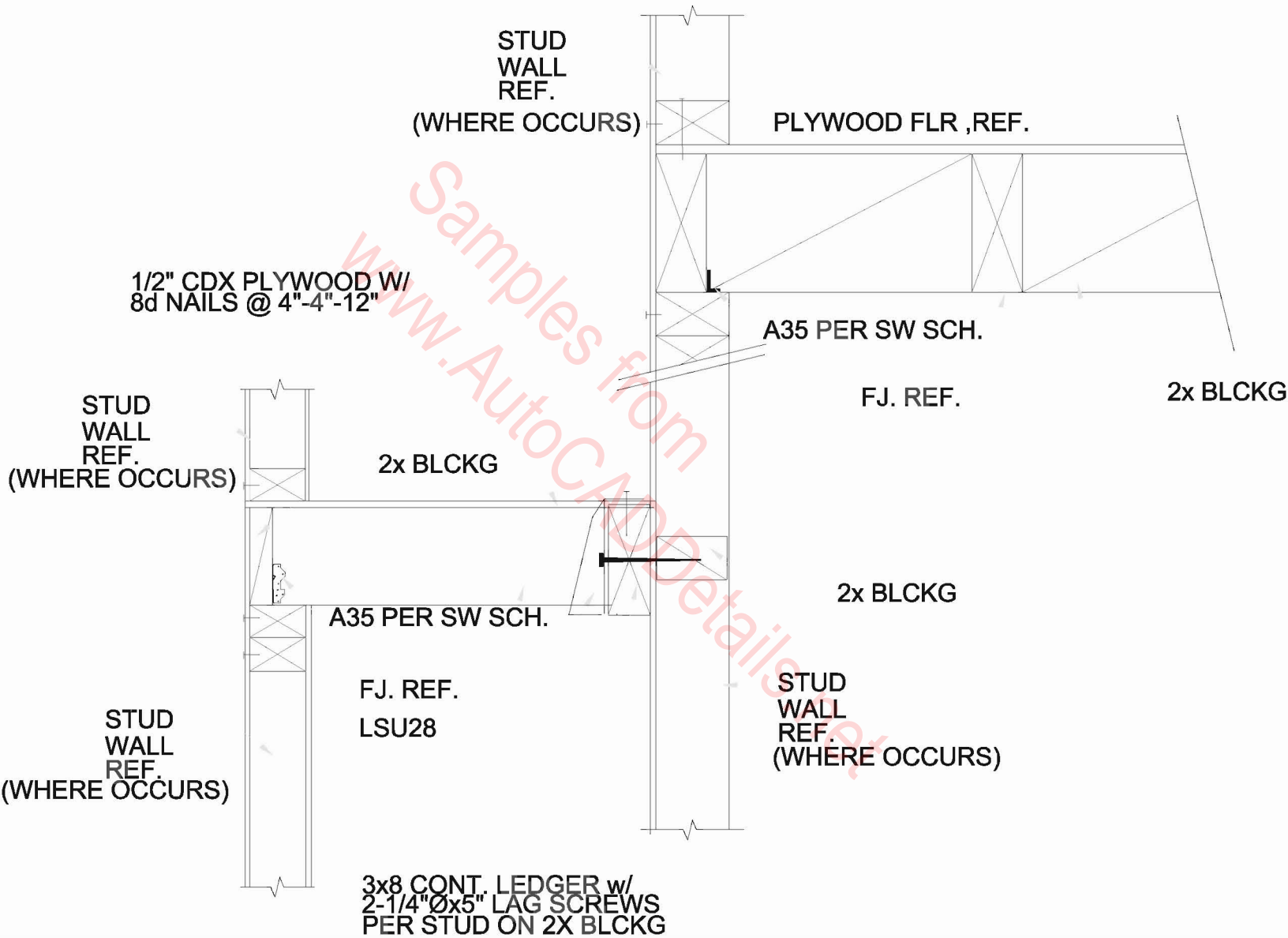

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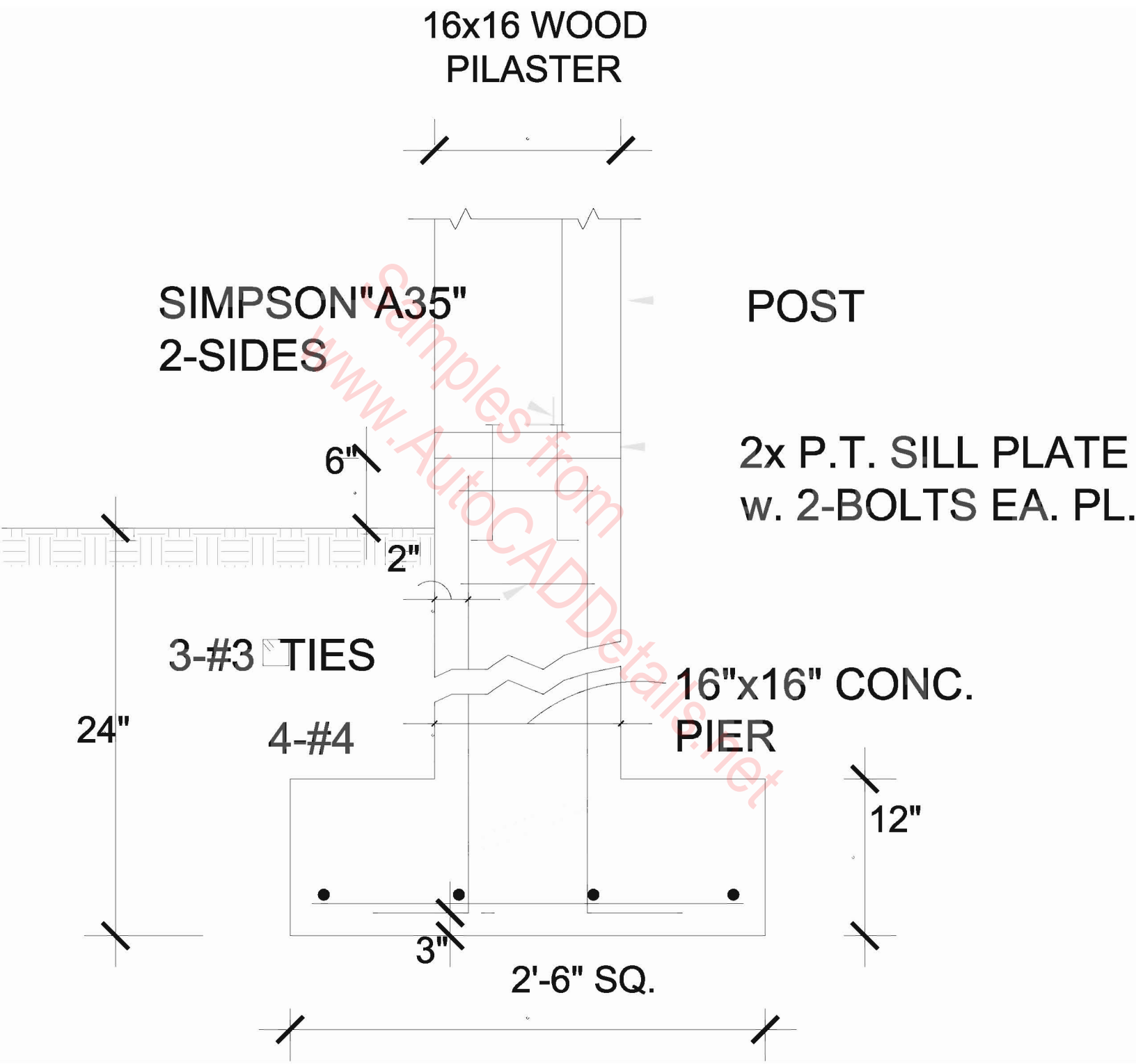


samples from www.AutoCADDetails.net

PLYWD SW (WHERE OCCUR)
A.BOLTS PER SW.SCHED.

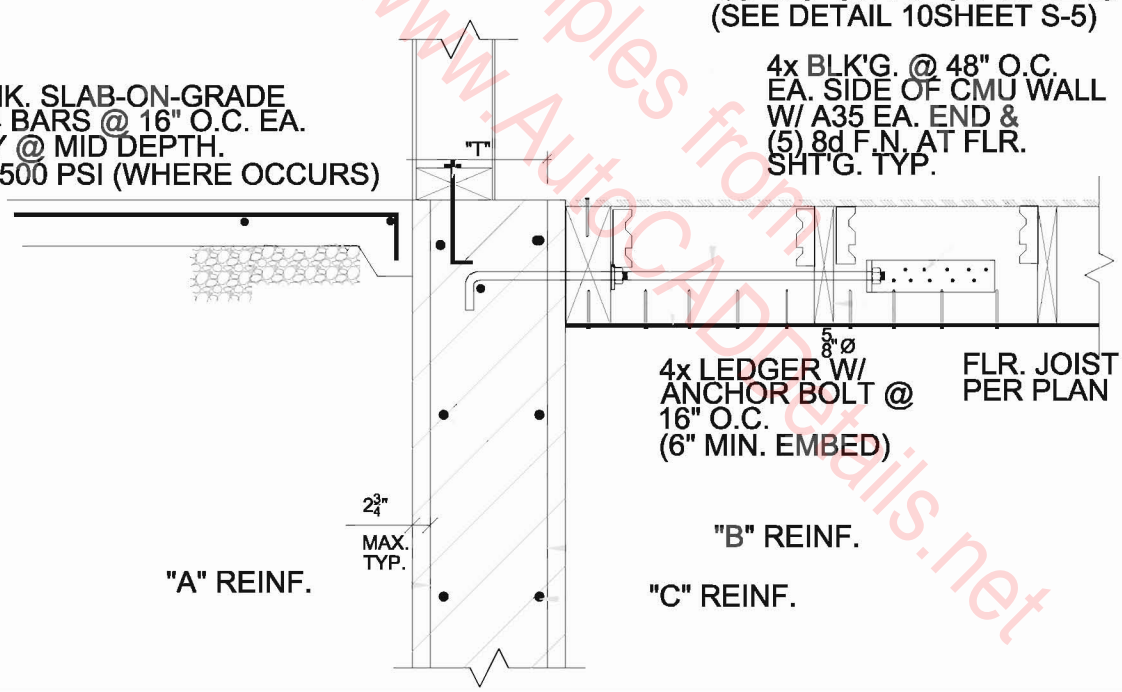
1/8" X 3" STRAP ON 4X BLKG
(SEE DETAIL 10SHEET S-5)

4x BLK'G. @ 48" O.C.
EA. SIDE OF CMU WALL
W/ A35 EA. END &
(5) 8d F.N. AT FLR.
SHT'G. TYP.

HD5A @ EACH SIDE
STAGGAR'D @ 48" O.C.
MAX. TYP.

5 THK. SLAB-ON-GRADE
w/#4 BARS @ 16" O.C. EA.
WAY @ MID DEPTH.
f'c=2,500 PSI (WHERE OCCURS)

"T"



5/8"ø

4x LEDGER W/
ANCHOR BOLT @
16" O.C.
(6" MIN. EMBED)

FLR. JOIST
PER PLAN

2 3/4" MAX. TYP.

"A" REINF.

"B" REINF.

"C" REINF.

Samples from www.AutoCADDetails.net

○ 1-PHD6-SDS3
w/4x4 POST
(18 1/4X3 SDS SCREWS)

● 1-HDQ8-SDS3
w/4x4 POST
(20 1/4X3 SDS SCREWS)

●● 2-HDQ8-SDS3
w/4x8 POST
(20 1/4X3 SDS SCREWS)

(DEPUTY INSPECTOR REQD FOR DBL HD)

4x

2ND PHD &
SSTB28
WHERE OCCURS

PHD, REF.
(LARR#25300)
SSTB28
LARR#25248

7" MIN.

7/8" M.B.
ASTM A307

CONC. FOOTING, REF.
1-3/4' MIN EDGE DIST.
(SPL INSP.REQD)

31" MIN.
FOR SSTB A.B.

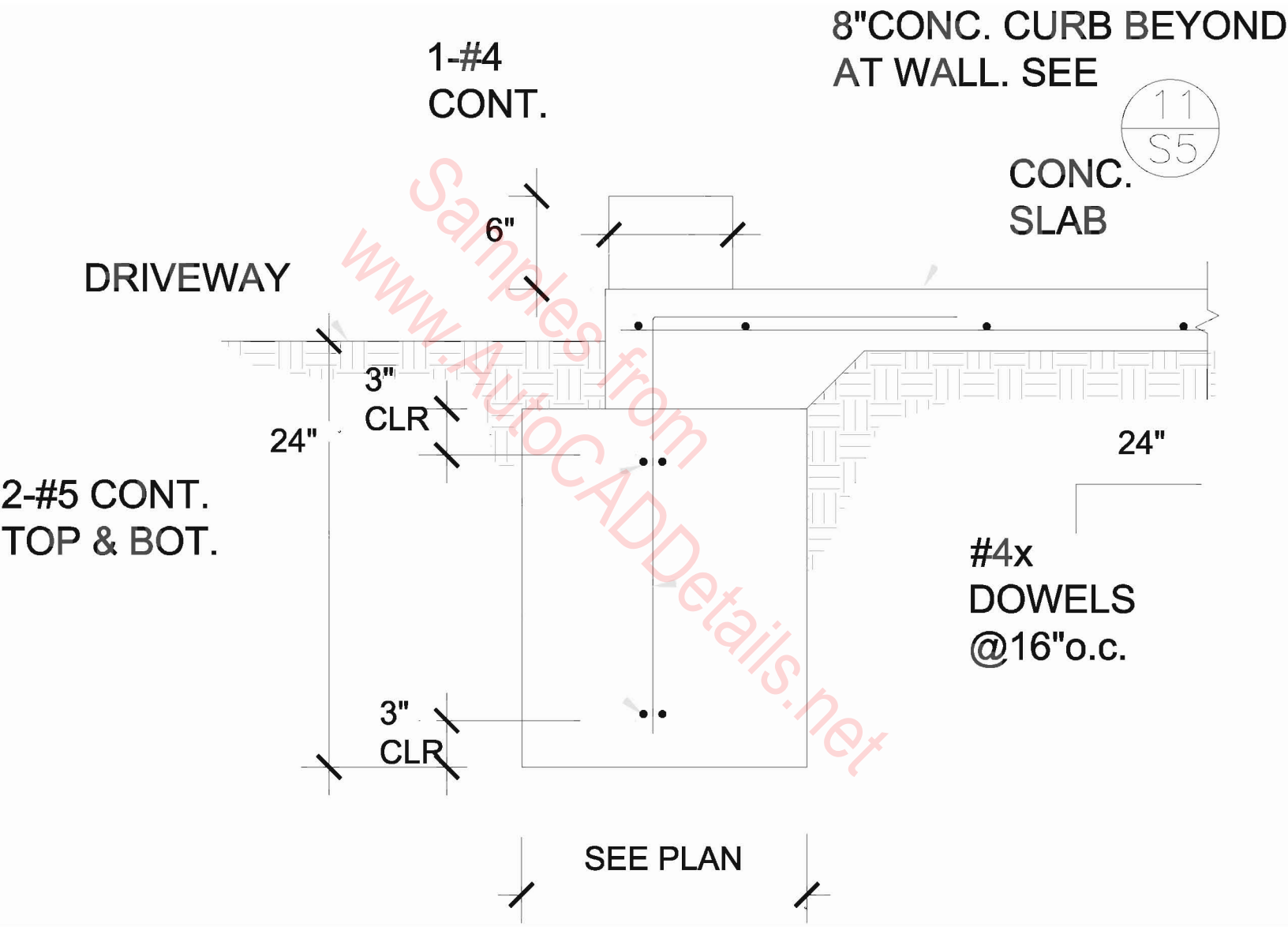
28"

DEEPEN FOOTING AS
NEEDED LOCALLY TO
ACCOMODATE SSTB

ELEVATION

SECTION

Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

- 1-PHD6-SDS3 w/4x4 POST
- 1-HDQ8-SDS3 w/4x4 POST
- 2-HDQ8-SDS3 w/4x6 POST

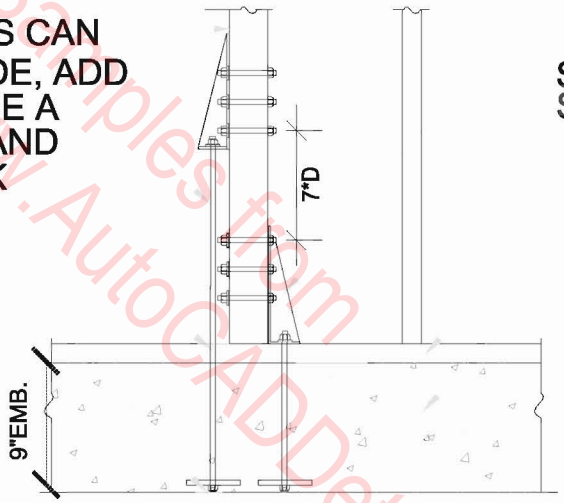
4x POST TO RECEIVE WALL SHEATHING EDGE NAILING

IF BOLT HEADS CAN NOT PROTRUDE, ADD A STUD OR USE A WIDER POST AND COUNTERSINK

SIMPSON PHD REF, OR EQUAL SEE PLAN

A307 BOLT WITH A STD HEAD&BOLT ℄ SEE SCHEDULE

BOLT PLATE & WASHER MUST BE GALVANIZED



SILL PLATE

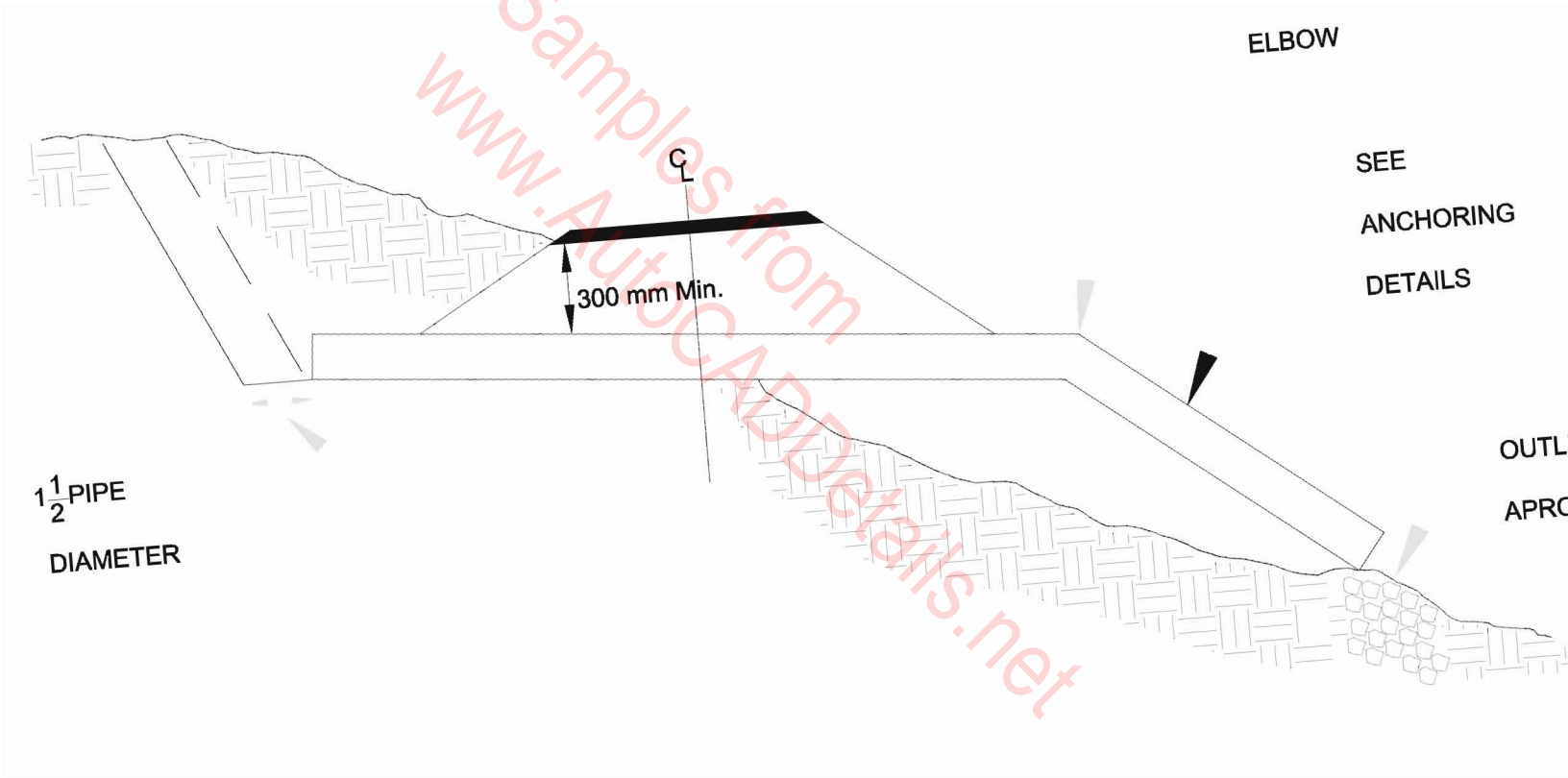
CONC. SLAB

HD	STUD BOLTS	FLOOR BOLT	BOLT PLATE	SQUARE WASHERS
ALL PHD'S	LAG SCREWS	7/8"D	6" SQ., 3/8" THK.	3"x3"x1/4"

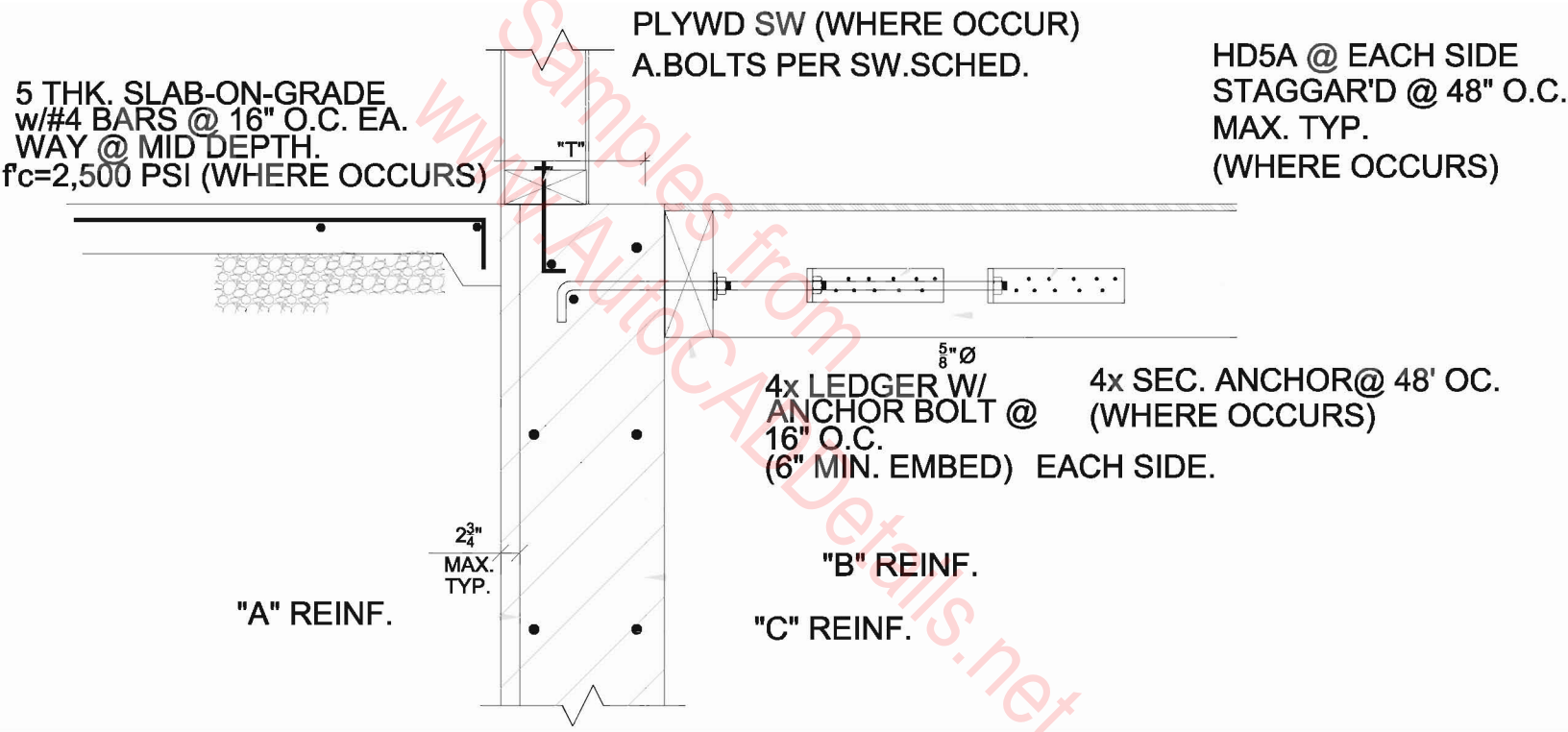
NOTE:

1. BOLT HOLES SHALL BE 1/16" MAX. OVERSIZED AT THE CONNECTOR OF THE HOLD DOWN TO THE POST
2. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERINGTHE WALL FRAMING.
3. WHEN 2-HD8A'S ARE USED, USE ONE $\frac{7}{8}$"x6"x12" PLATE WASHER.

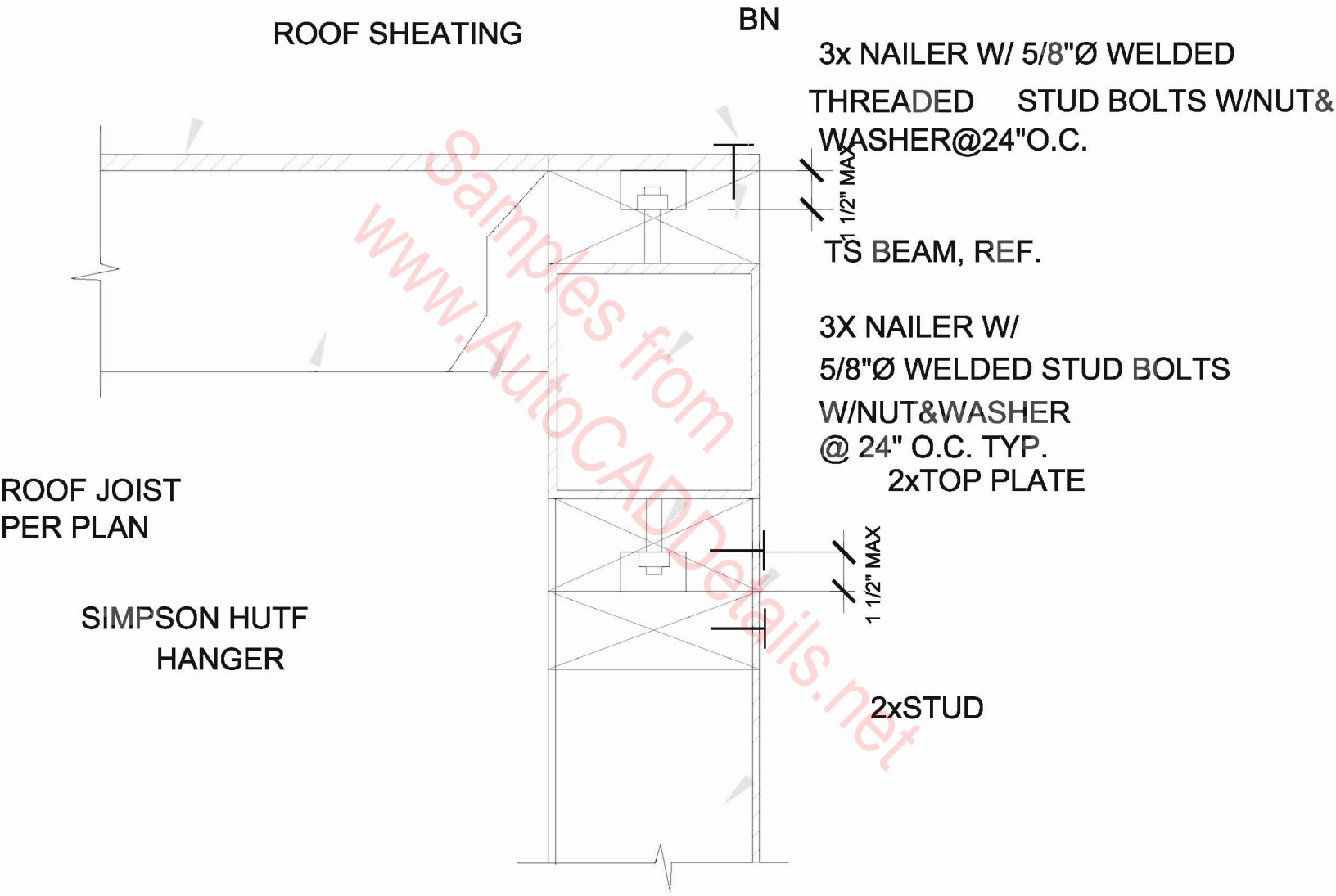
Samples from www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net



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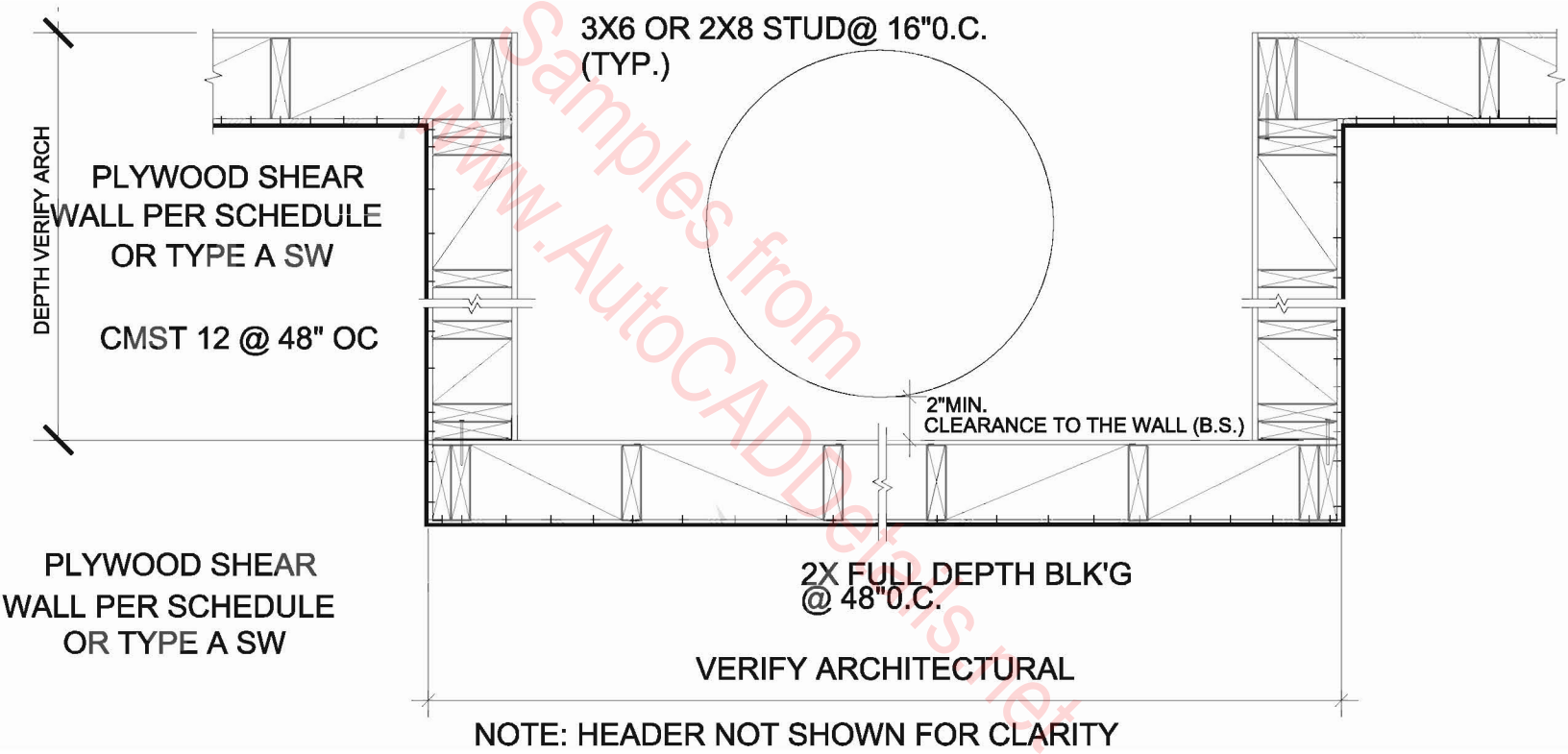
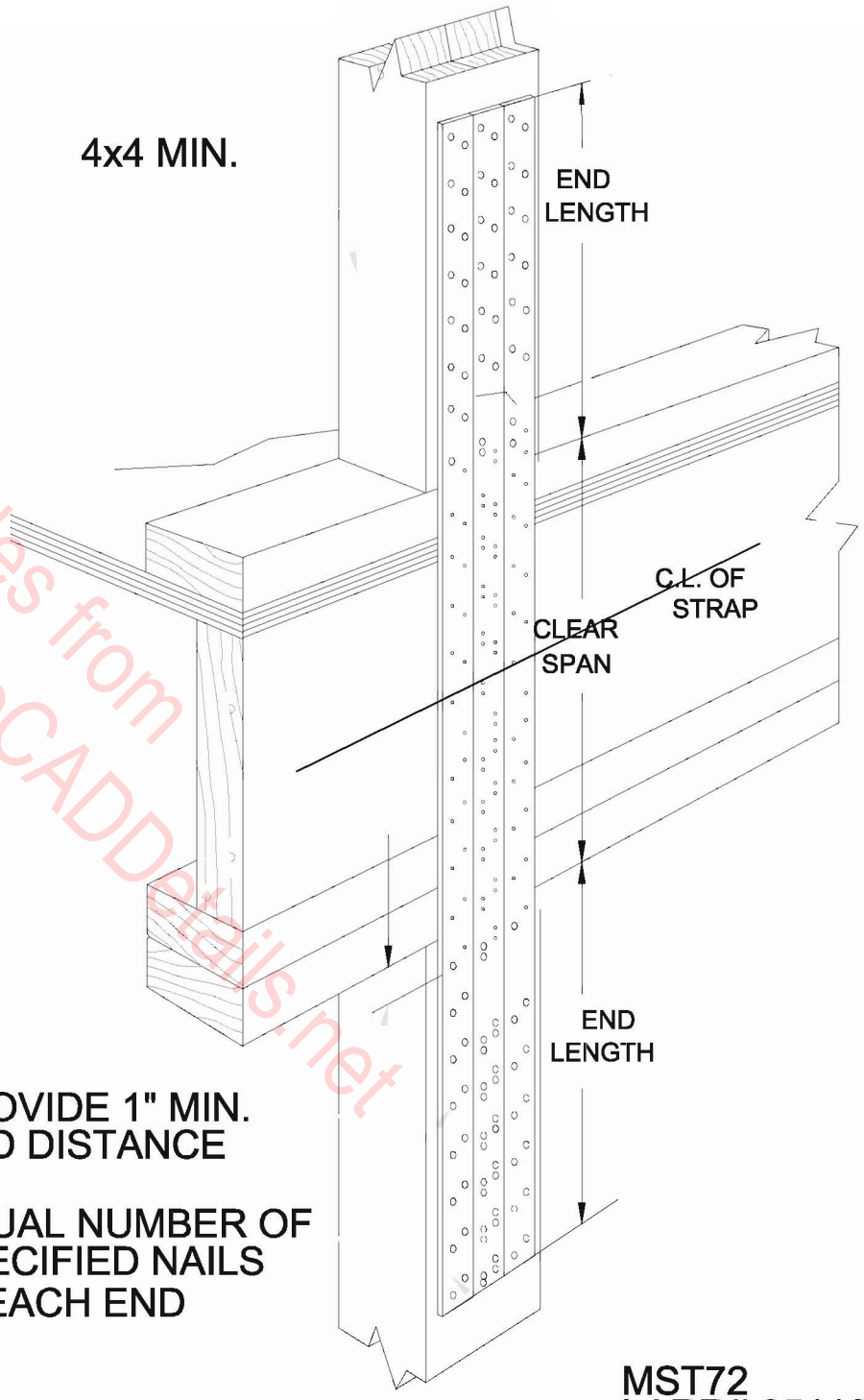


Samples from www.AutoCADDetails.net

MST72 W/4x4 POST
(48-16d NAILS)

3-MST72 W/4x8 POST
(48-16d NAILS)

4x4 MIN.

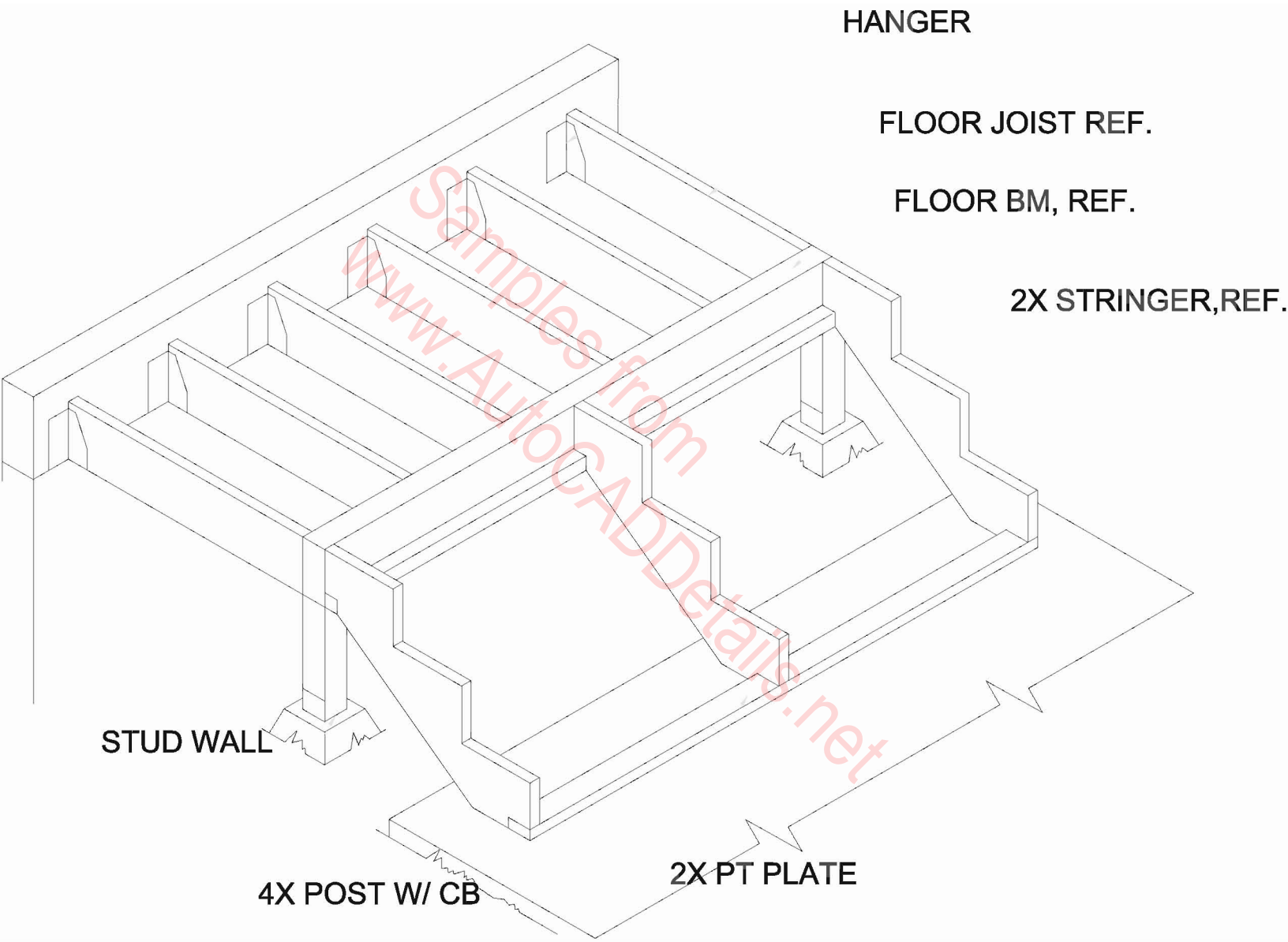


PROVIDE 1" MIN.
END DISTANCE

EQUAL NUMBER OF
SPECIFIED NAILS
IN EACH END

MST72
LARR# 25119
(48-16d NAILS)

Samples from
www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

DOOR PAN

GAL. FLASHING

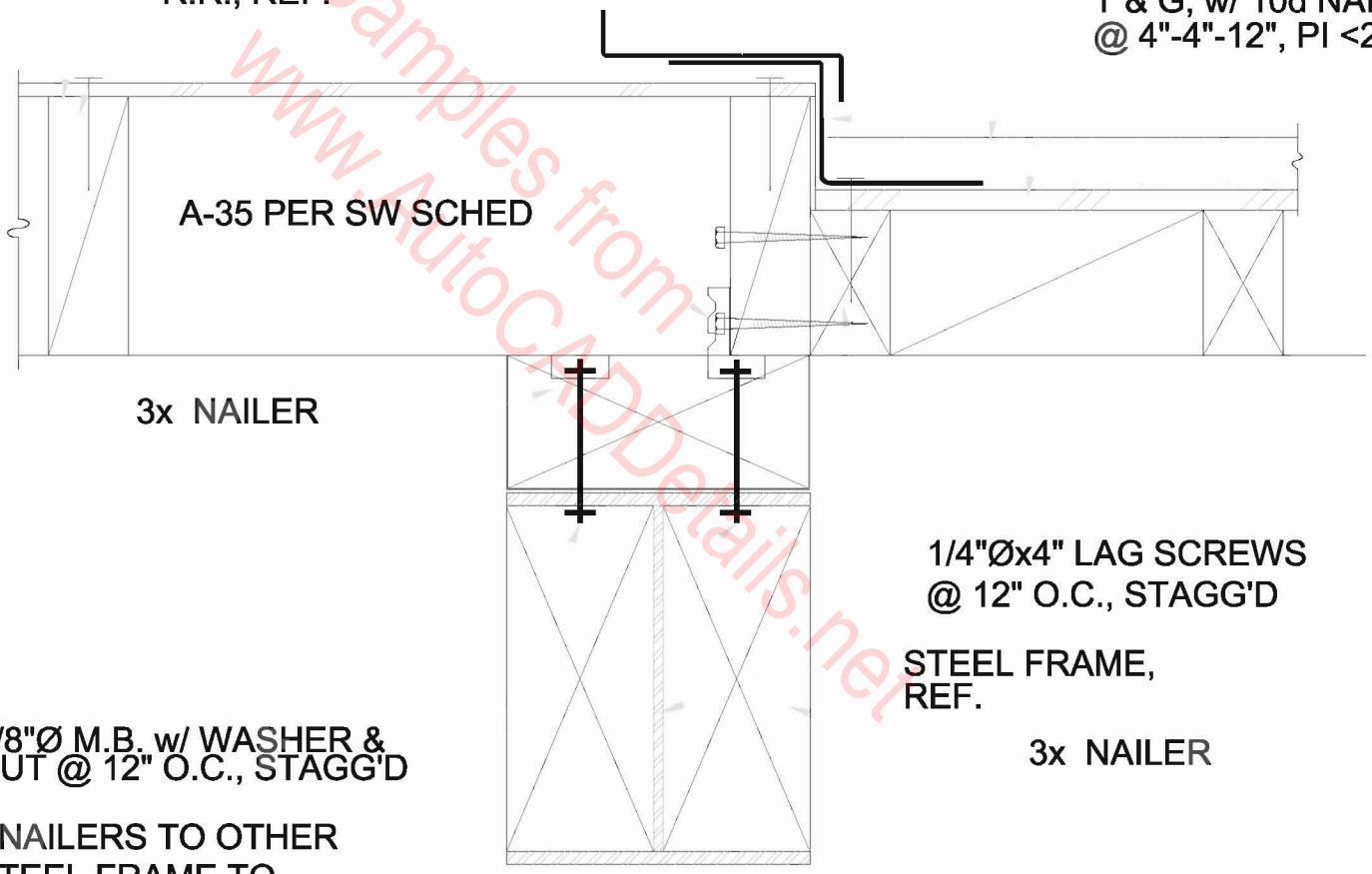
FULL DEPTH
2x BLK'G

B.N.

DEX-O-TEX
LARR #2360

3/4" CDX PLYWOOD
T & G, w/ 10d NAILS
@ 4"-4"-12", PI <24

R.R., REF.



A-35 PER SW SCHED

3x NAILER

1/4"Øx4" LAG SCREWS
@ 12" O.C., STAGG'D

STEEL FRAME,
REF.

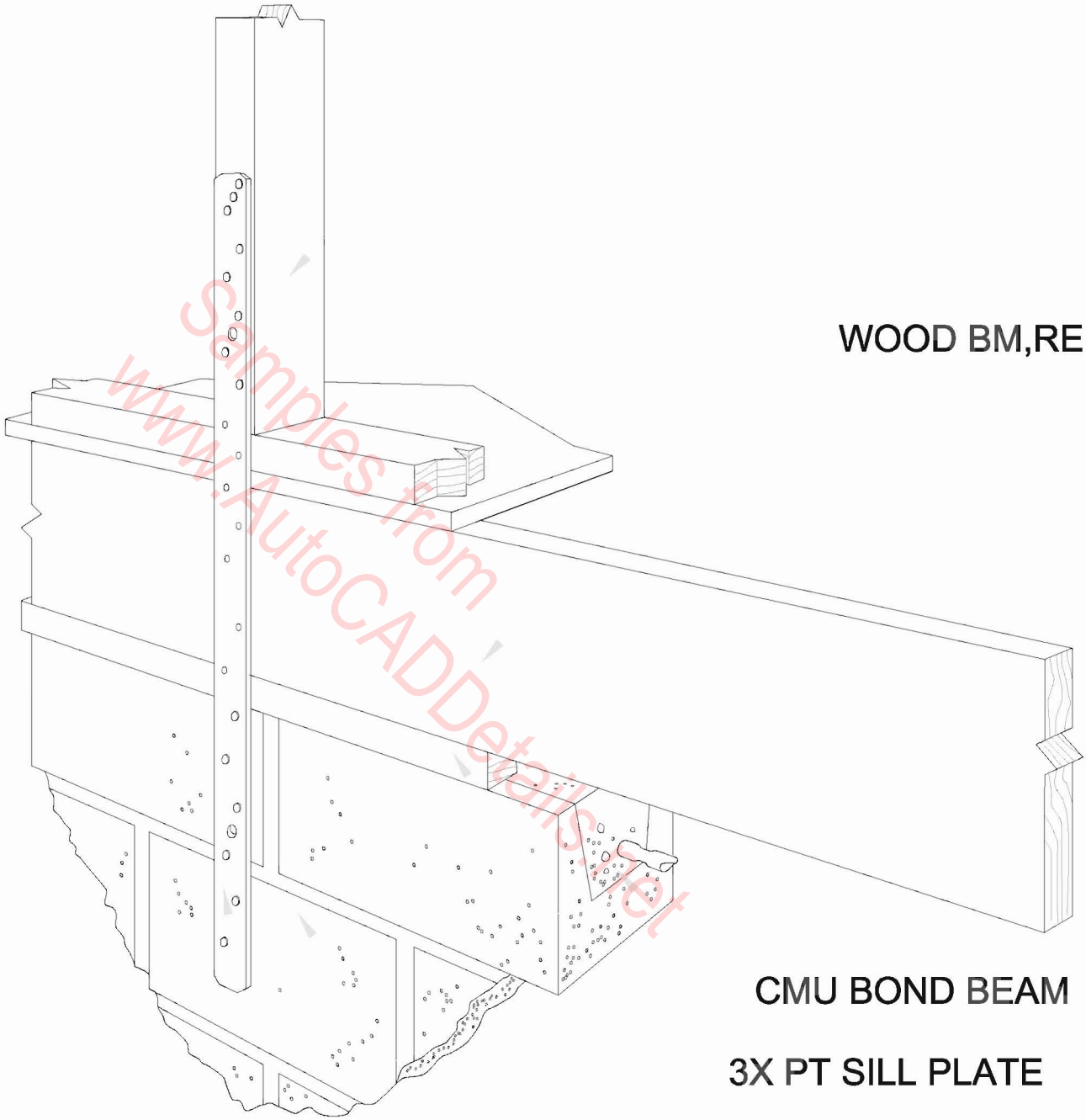
3x NAILER

5/8"Ø M.B. w/ WASHER &
NUT @ 12" O.C., STAGG'D

ATTACH 2x NAILERS TO OTHER
SIDES OF STEEL FRAME TO
RECEIVE DRYWALL/STUCCO. ATTACH
w/ 1/2"Ø STUDS WELDED TO STEEL
@ 16" O.C., STAGG'D.

Samples from www.AutoCADDetails.net

3X STUDS



WOOD BM,REF.

CMU BOND BEAM

3X PT SILL PLATE

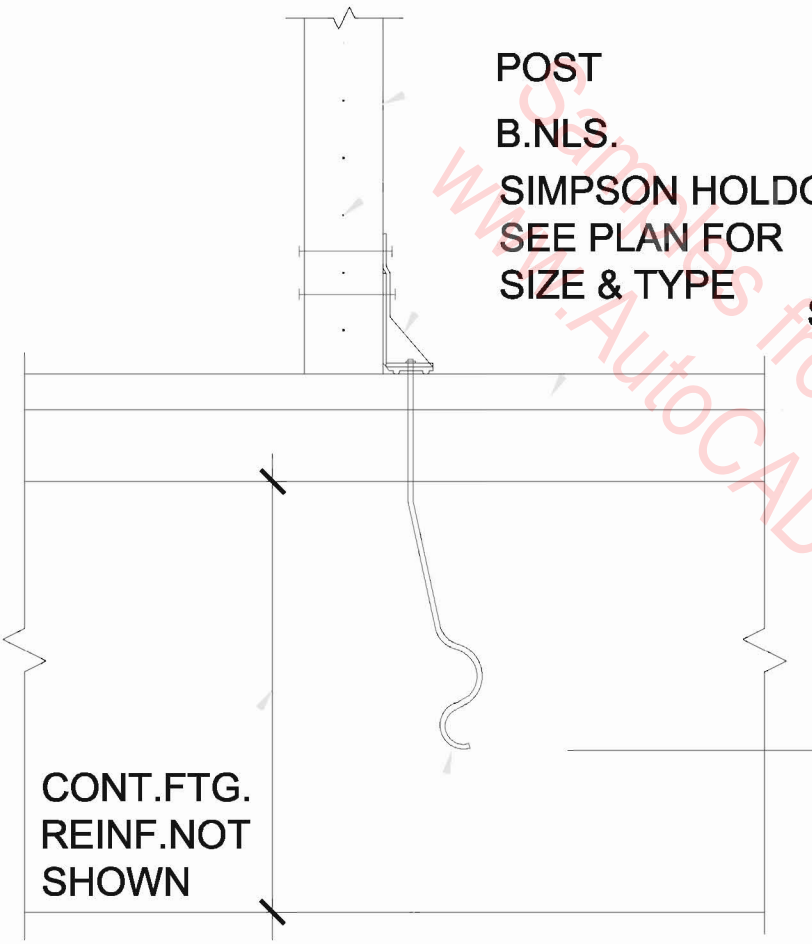
MSTCM40 @ EVERY STUD

CMU WALL,REF.

Samples from www.AutoCADDetails.net

NOTE:

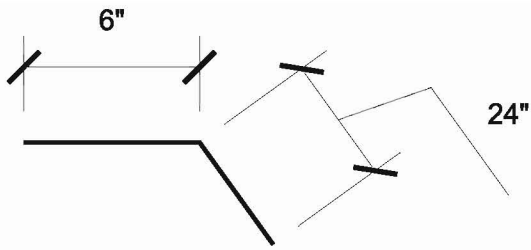
MIN. EDGE DISTANCE =1¾"



HOLDOWN	ANCHORS	POST SCREWS
PHD5	SSTB24	14-SDS ¼"x3"
PHD6	SSTB28	18-SDS ¼"x3"

SIMPSON"SSTB24"
ANCHOR@ "PHD5"
SIMPSON"SSTB28"
ANCHOR@ "PHD6"&"PHD8"

Samples from www.AutoCADDetails.net



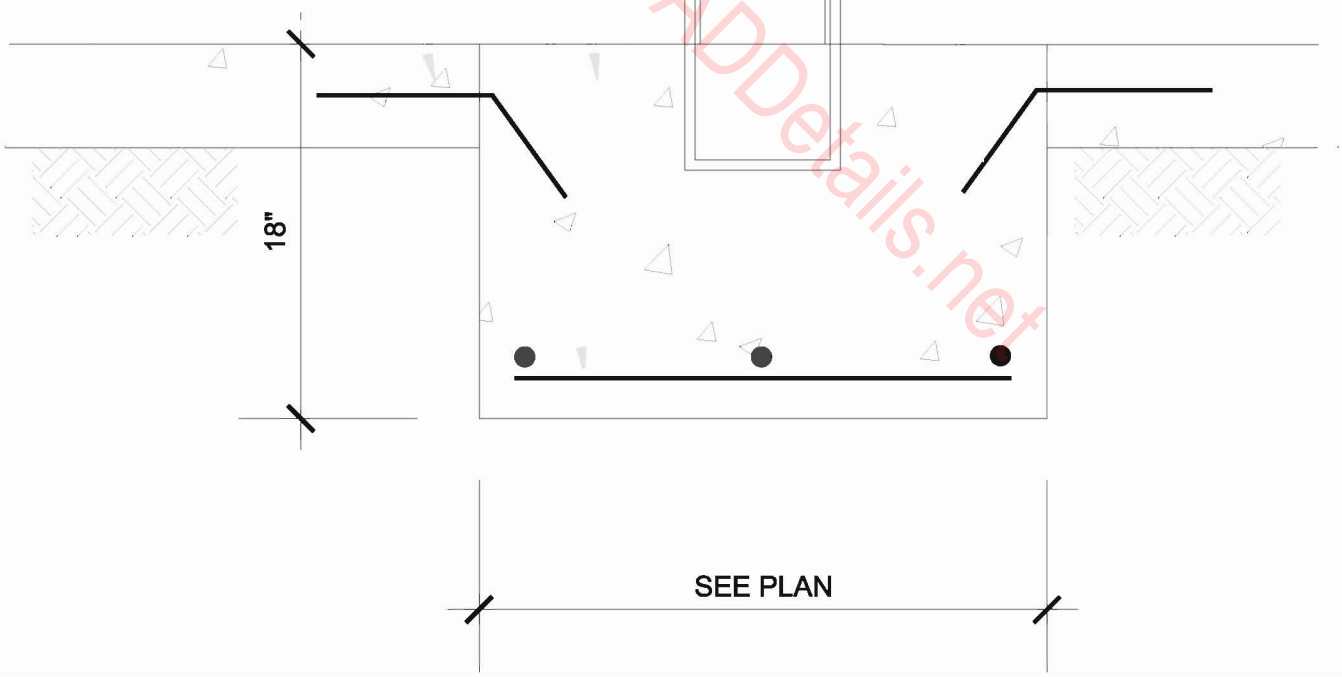
#4 REBAR DOWEL SET
IN SIMPSON SET EPOXY
@ 16" O.C., LARR #
25729, SP. INSP. REQ'D

CB44

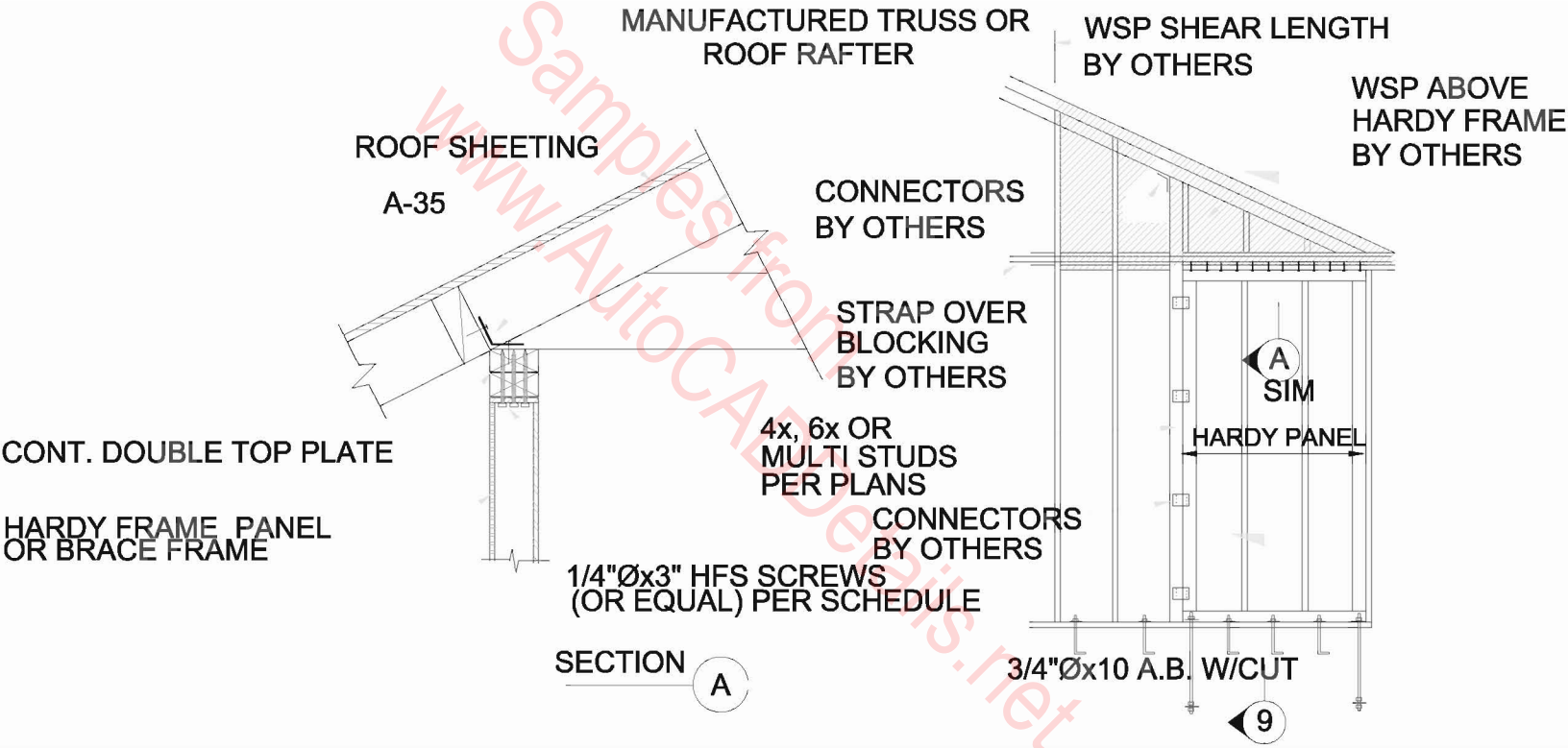
CONC. PAD FOOTING
f'c=2,500 PSI

(SEE PLAN)

(E) SLAB-ON-GRADE



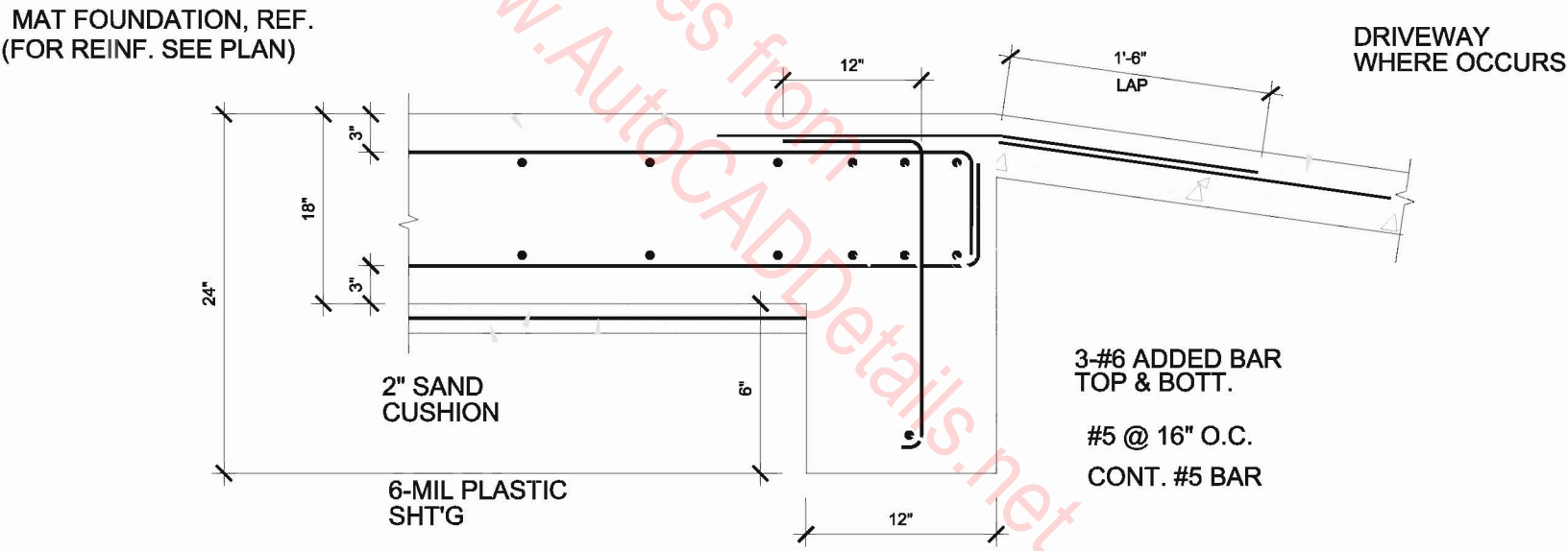
Samples from
www.AutoCADDetails.net

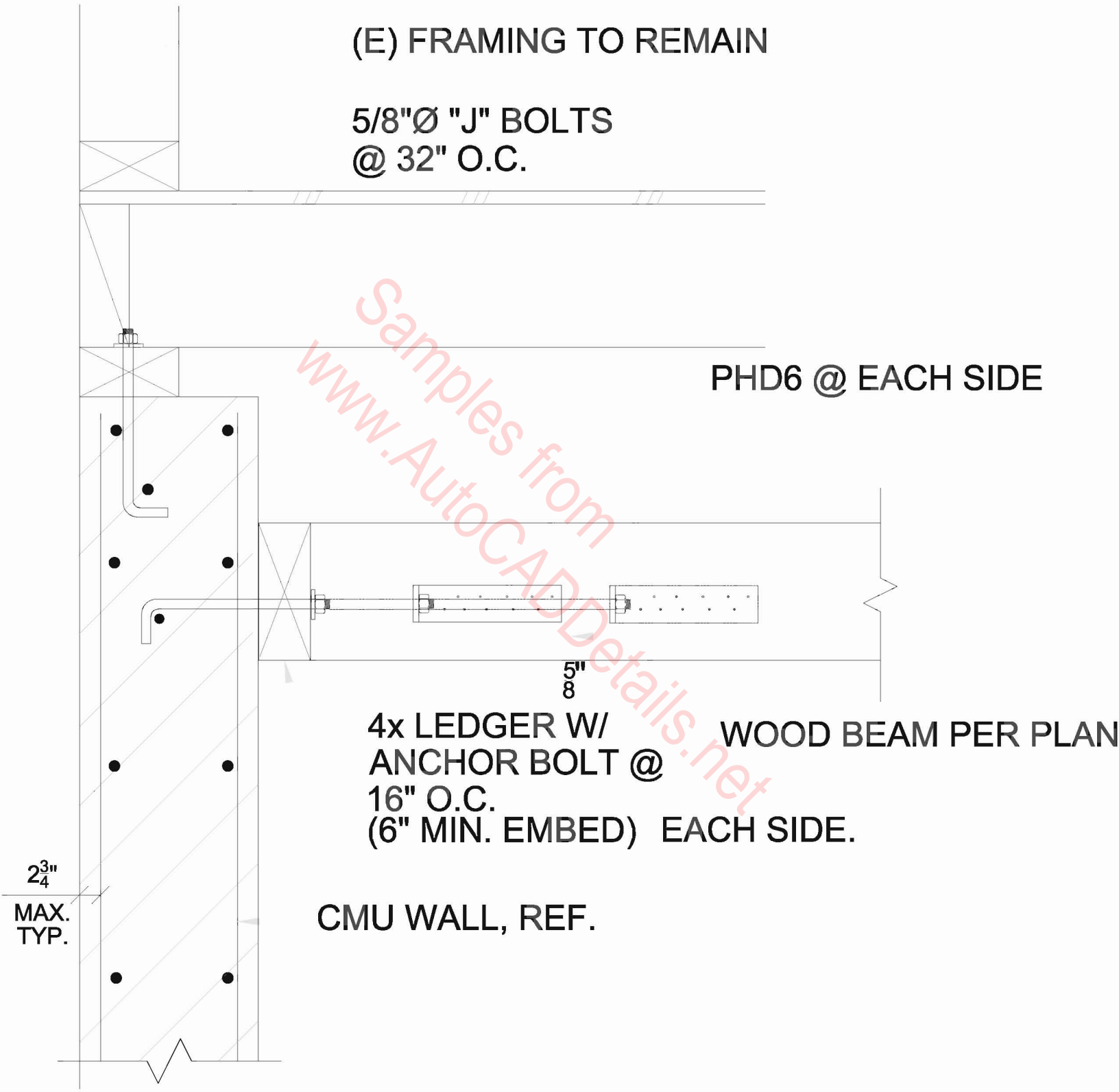


Samples from
www.AutoCADDetails.net

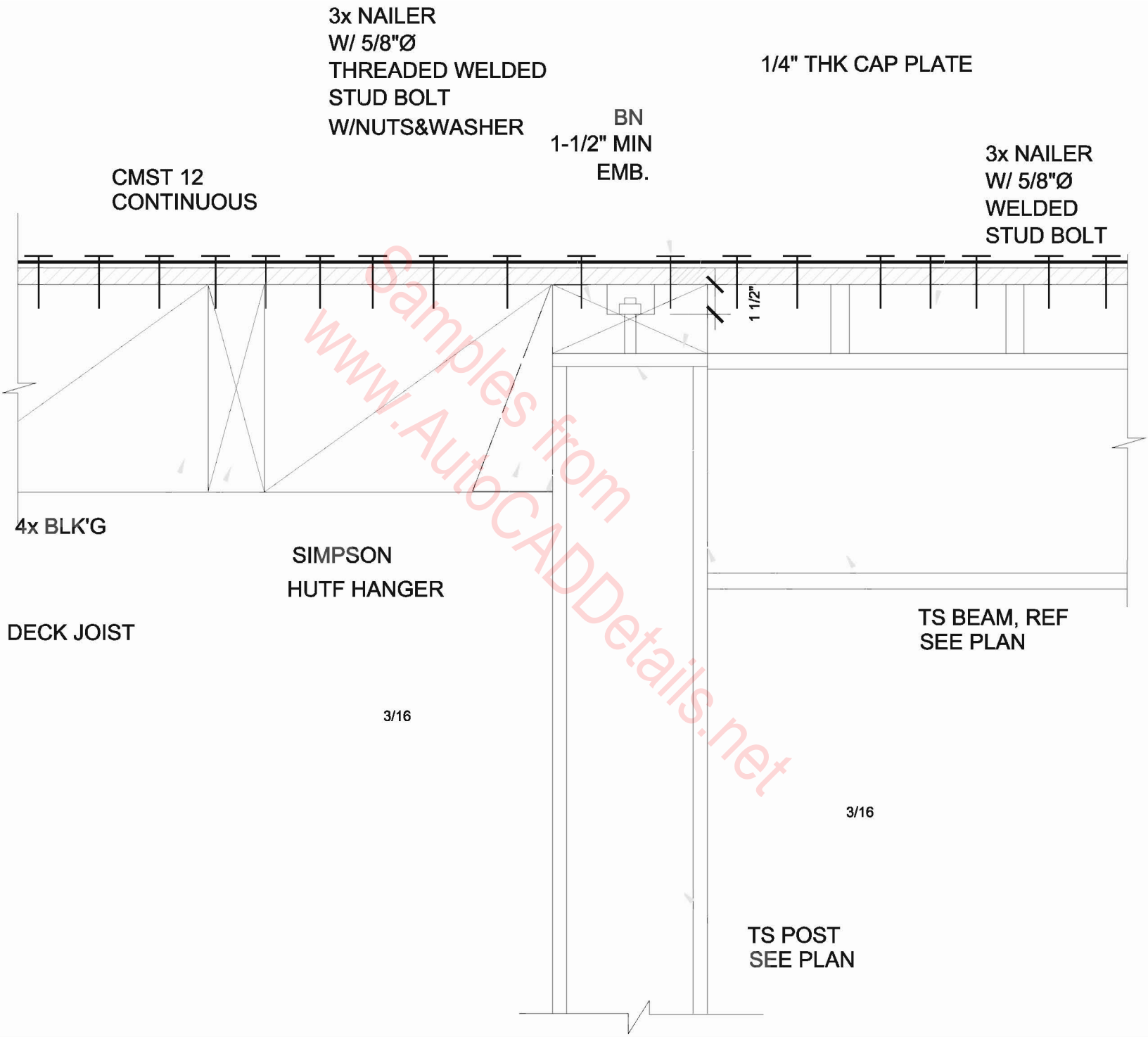
18" THICK MAT
FOUNDATION
f'c = 4,000 psi
SP. INSP. REQ'D.

Samples from
www.AutoCADDetails.net





Samples from www.AutoCADDetails.net

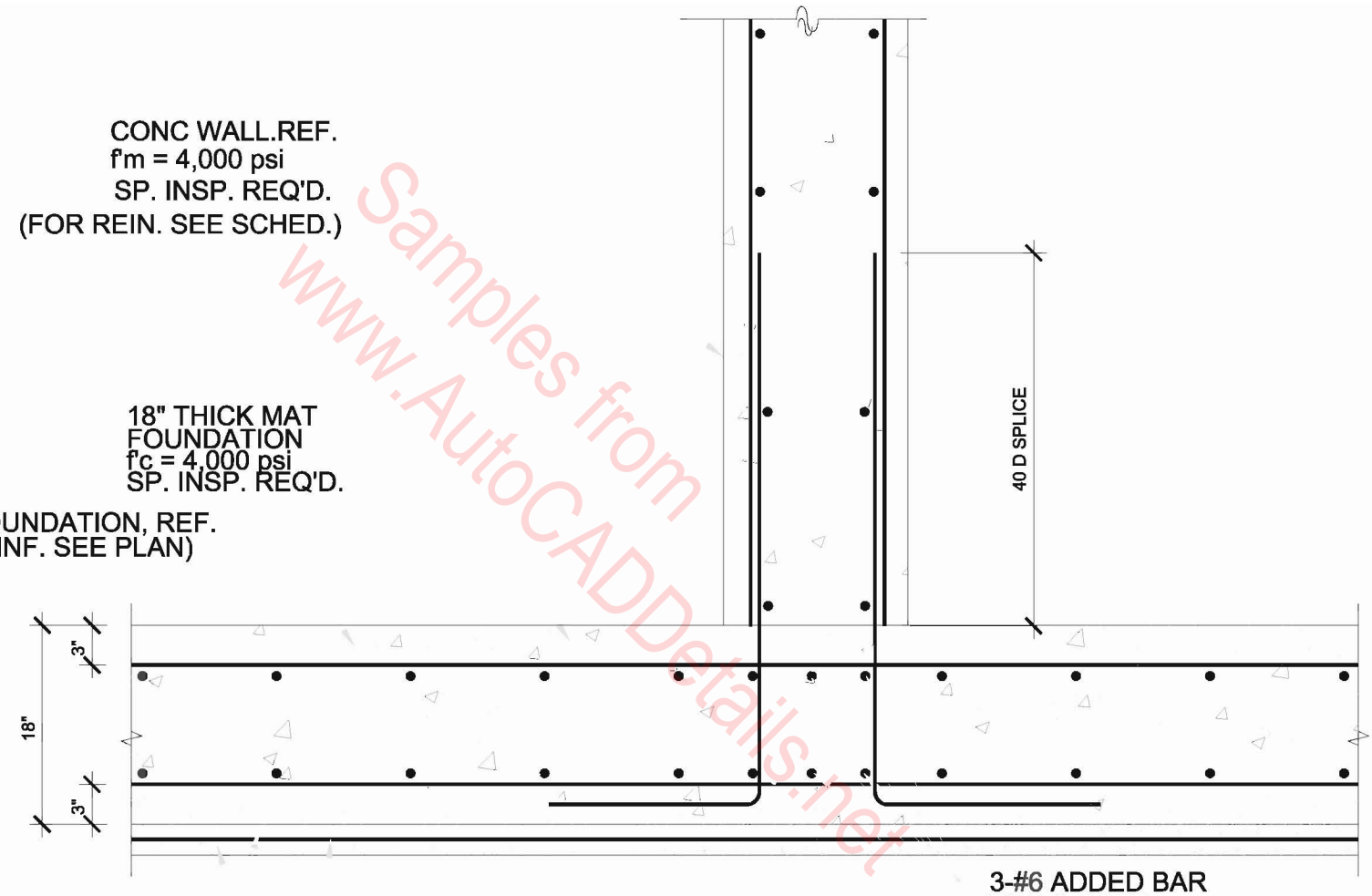


Samples from www.AutoCADDetails.net

CONC WALL.REF.
f'm = 4,000 psi
SP. INSP. REQ'D.
(FOR REIN. SEE SCHED.)

18" THICK MAT
FOUNDATION
f'c = 4,000 psi
SP. INSP. REQ'D.

MAT FOUNDATION, REF.
(FOR REINF. SEE PLAN)

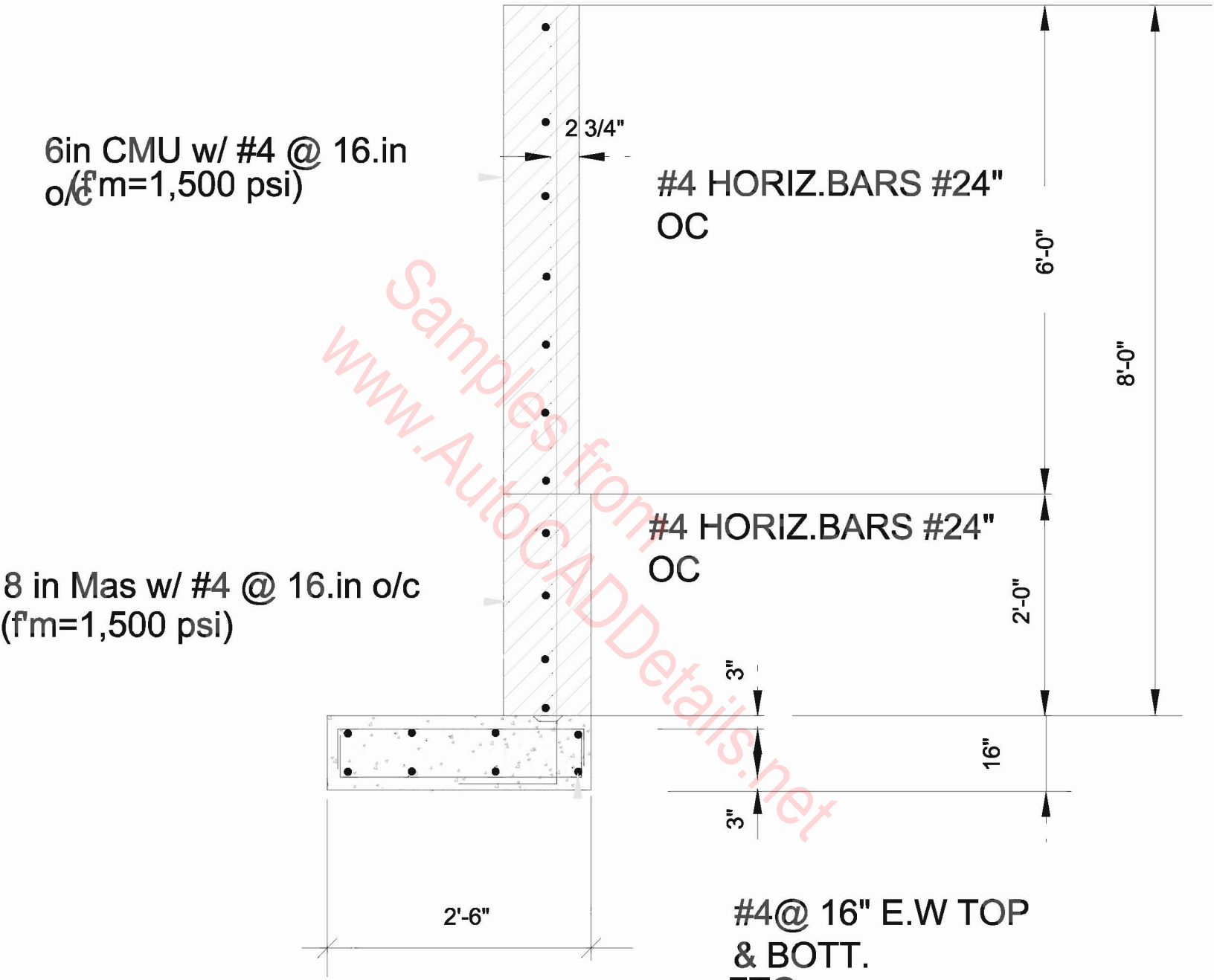


2" SAND
CUSHION

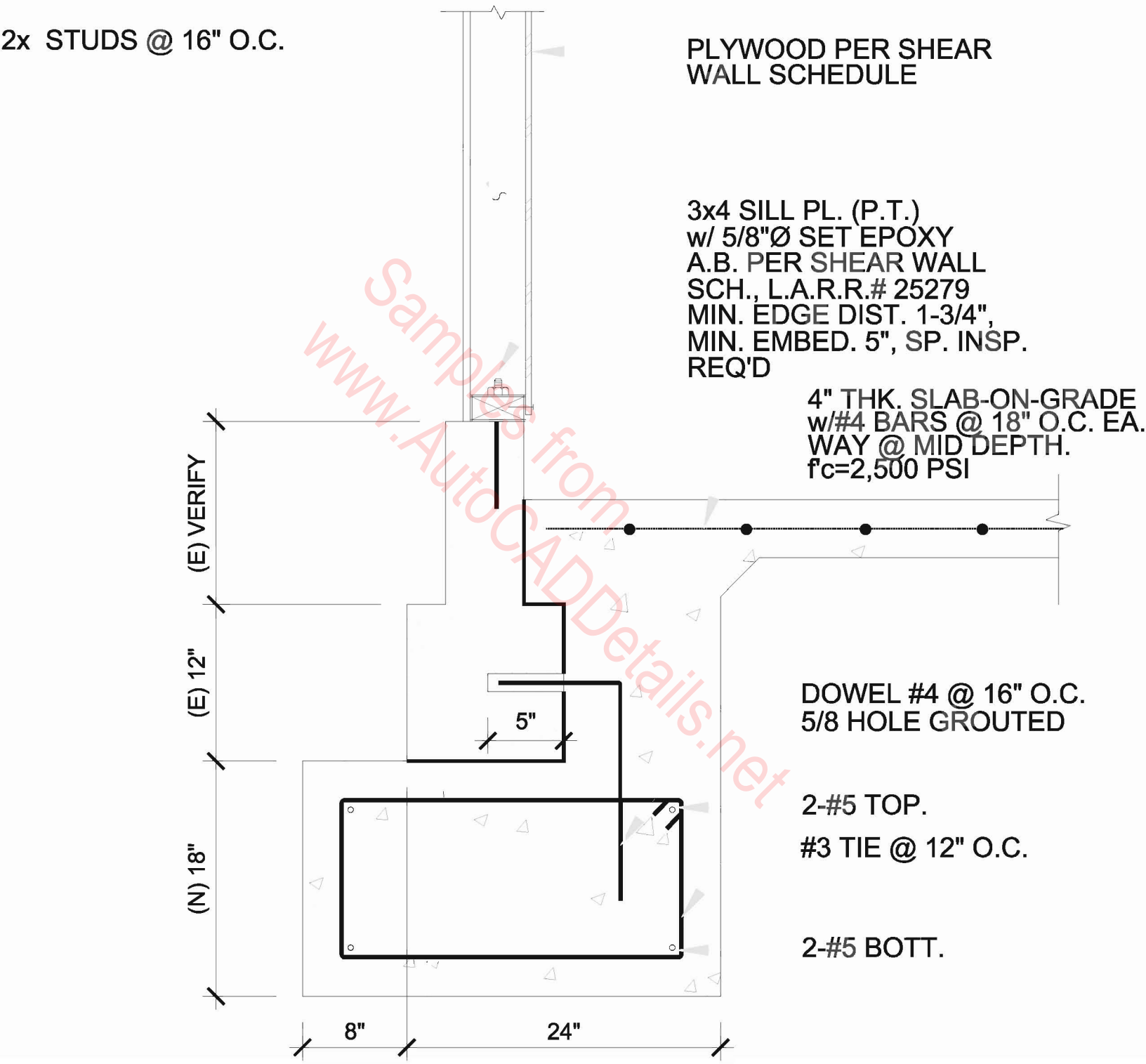
6-MIL PLASTIC
SHT'G

3-#6 ADDED BAR
TOP & BOTT.

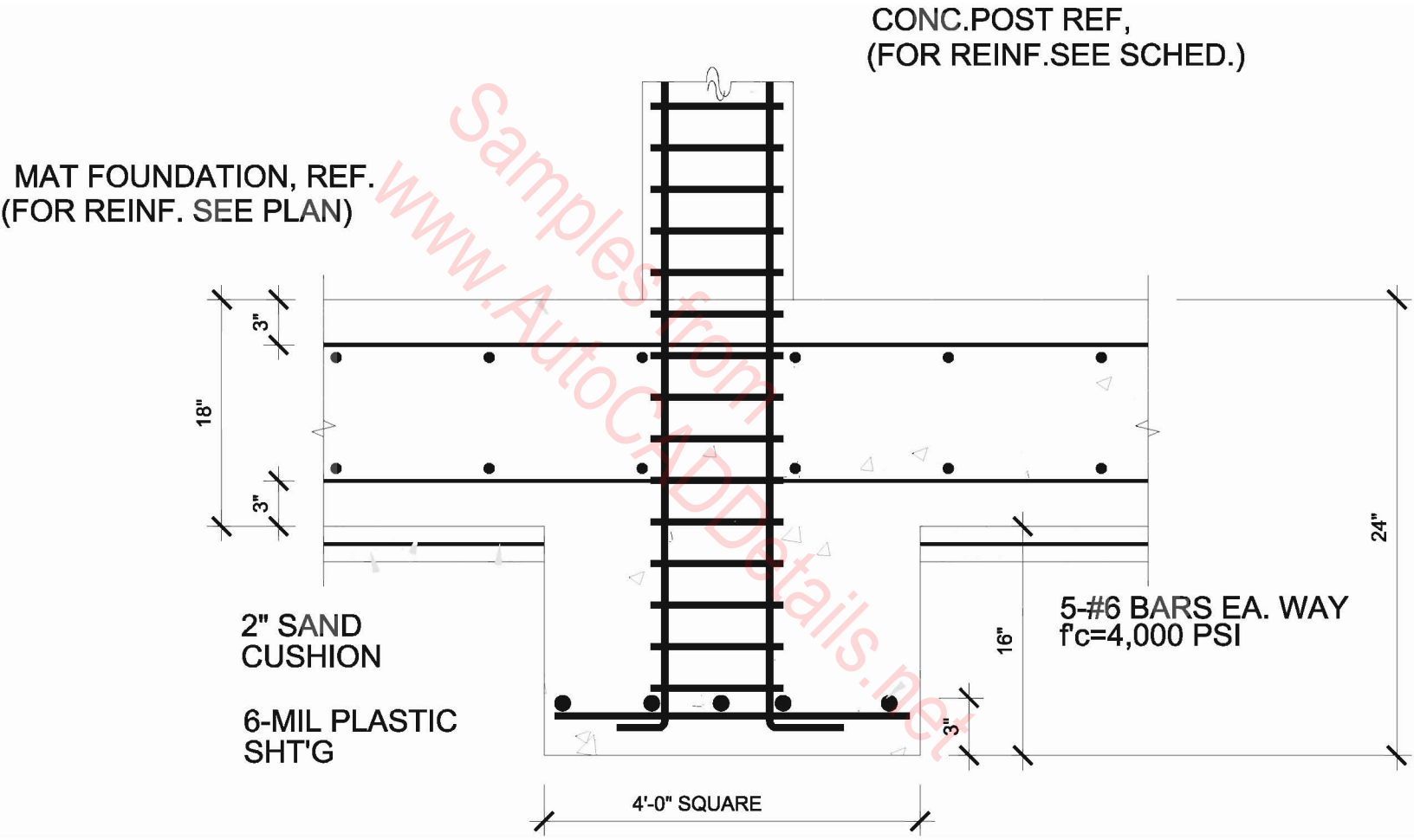
Samples from
www.AutoCADDetails.net



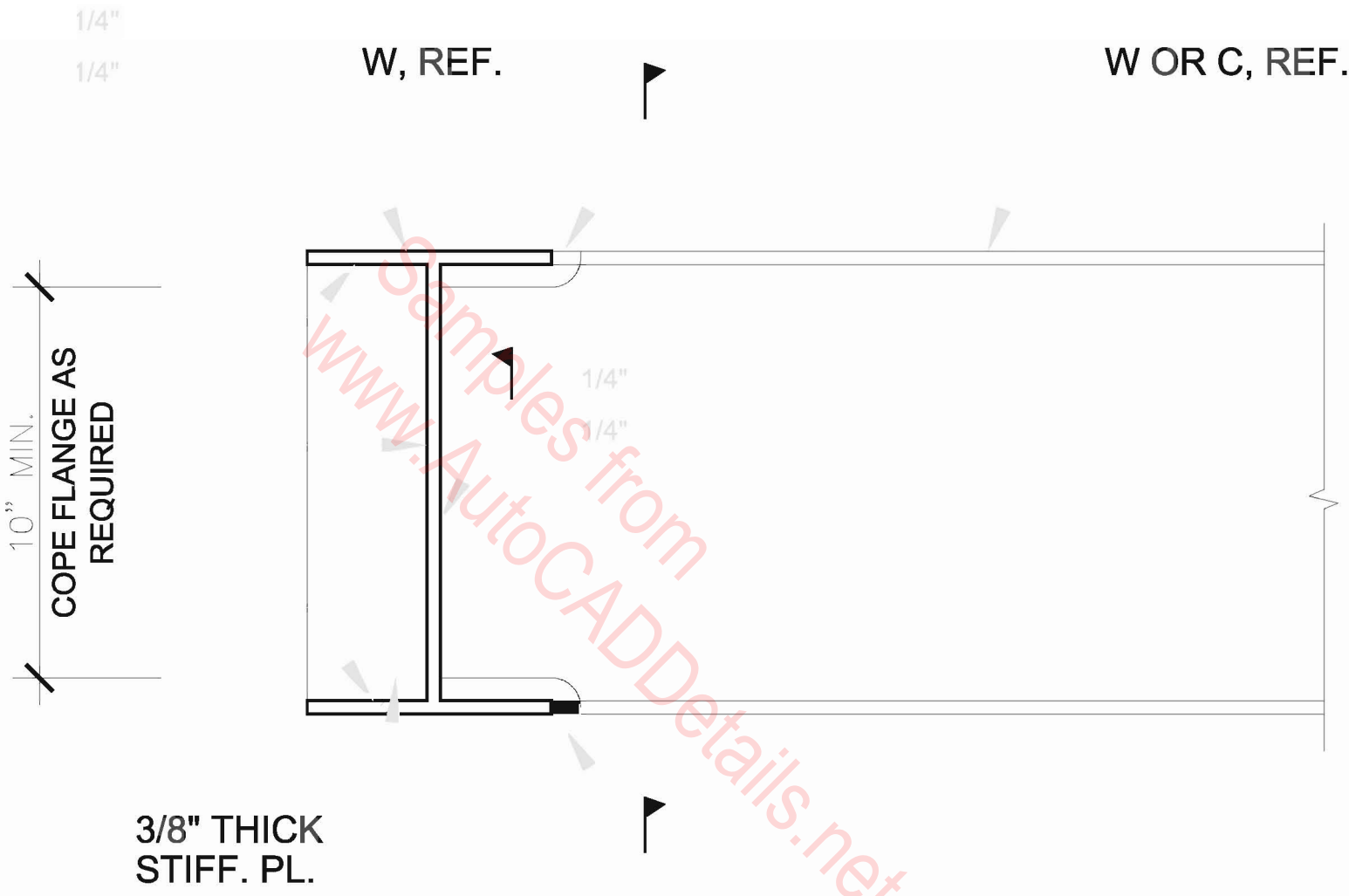
Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

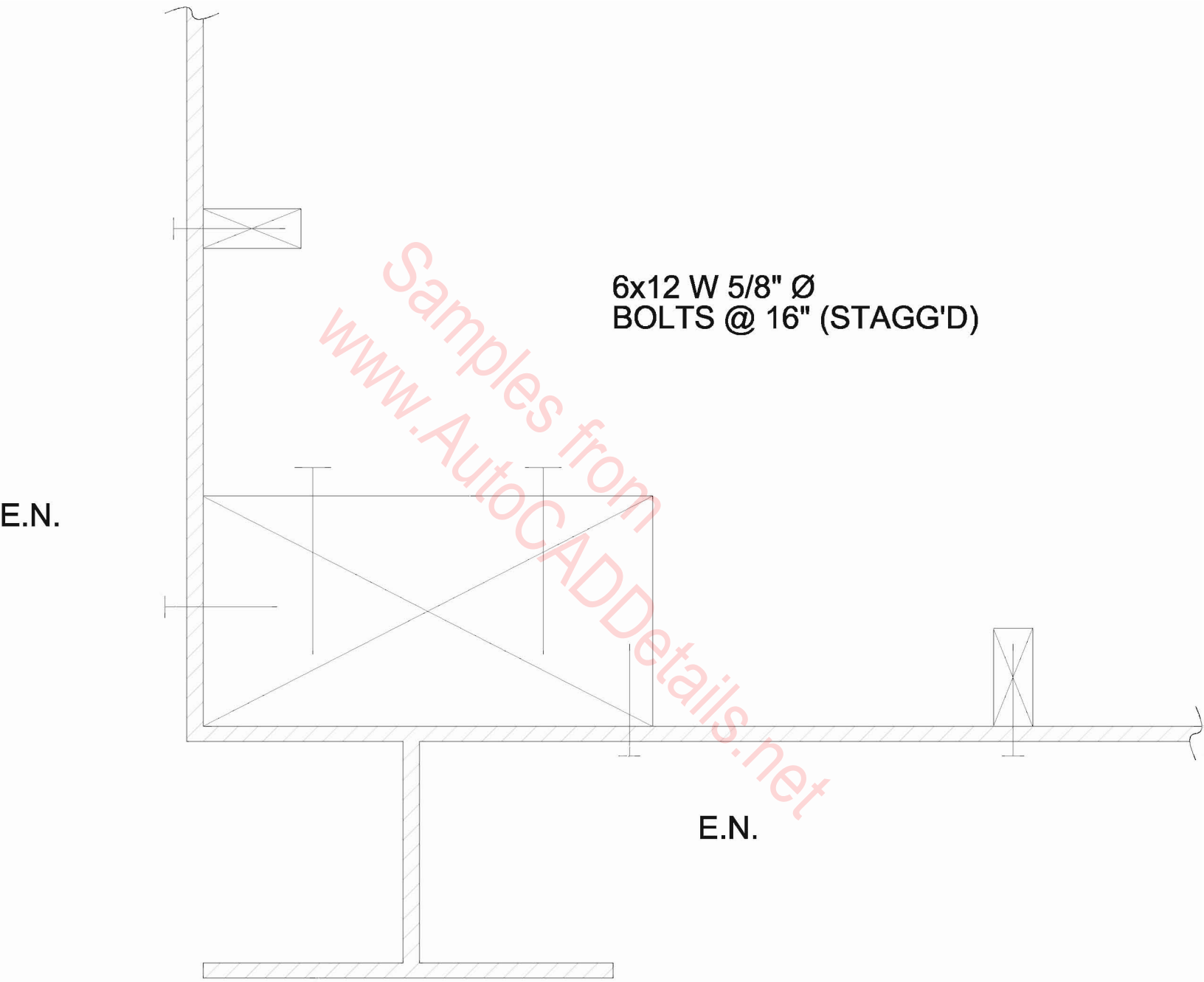


Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

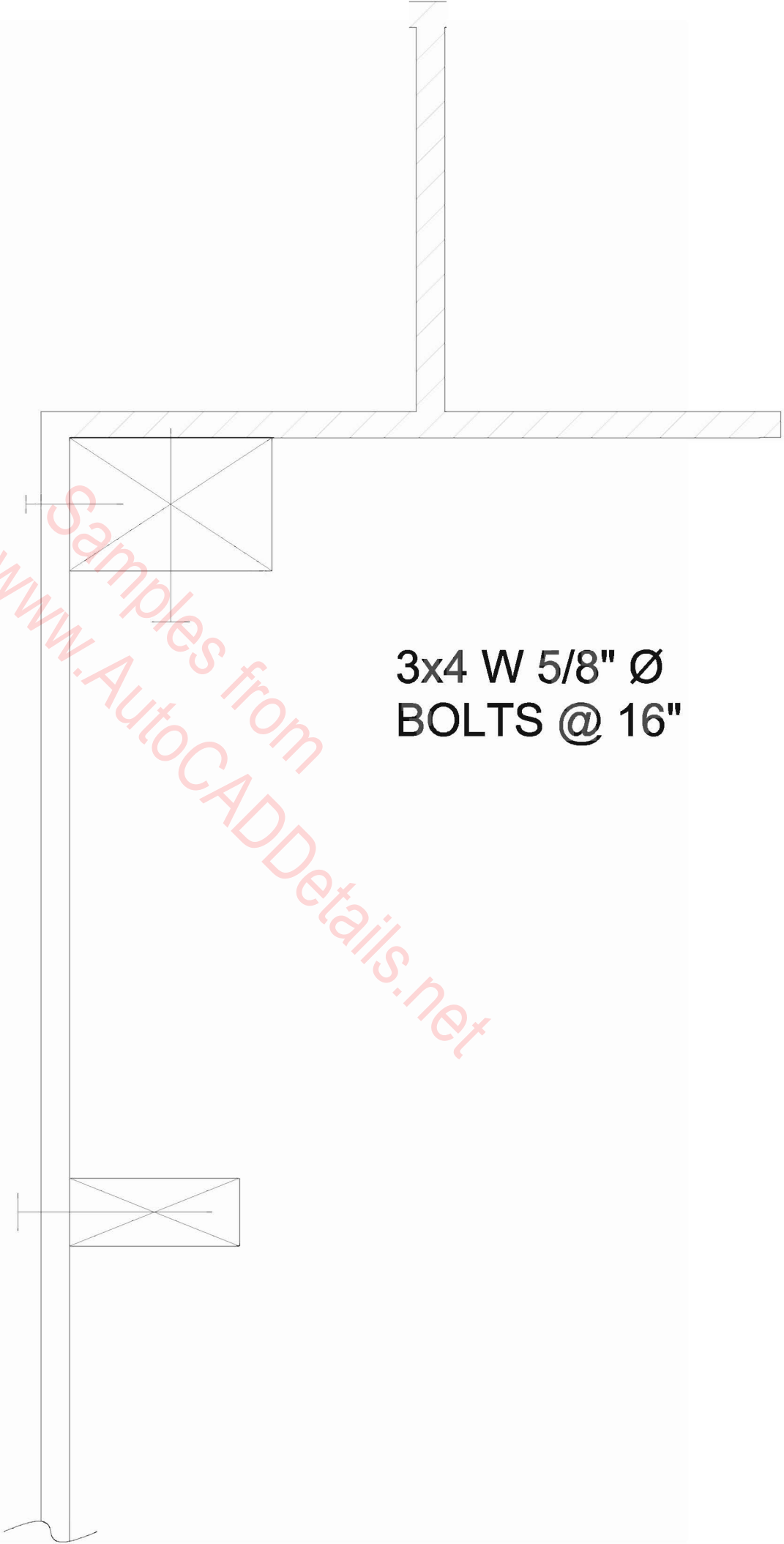
BALANCE OF INFO NOT SHOWN FOR CLARITY



Samples from
www.AutoCADDetails.net

W 10x49

E.N.

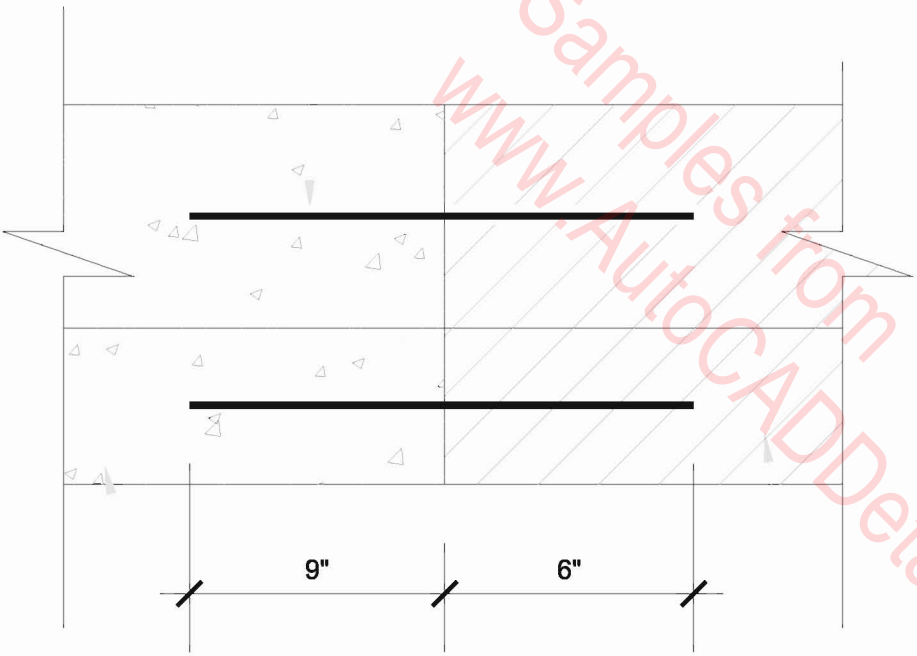


3x4 W 5/8" Ø
BOLTS @ 16"

Samples from
www.AutoCADDetails.net

4#5 REBAR DOWEL , TYP.
w/ SET EPOXY , LARR #25279
MIN EDGE DIST. 1 3/4"
MIN EMBED. 5" SP. INSP. REQ'D.

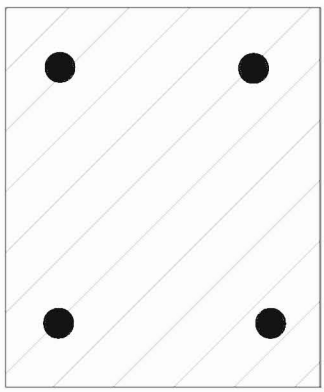
Samples from www.AutoCADDetails.net



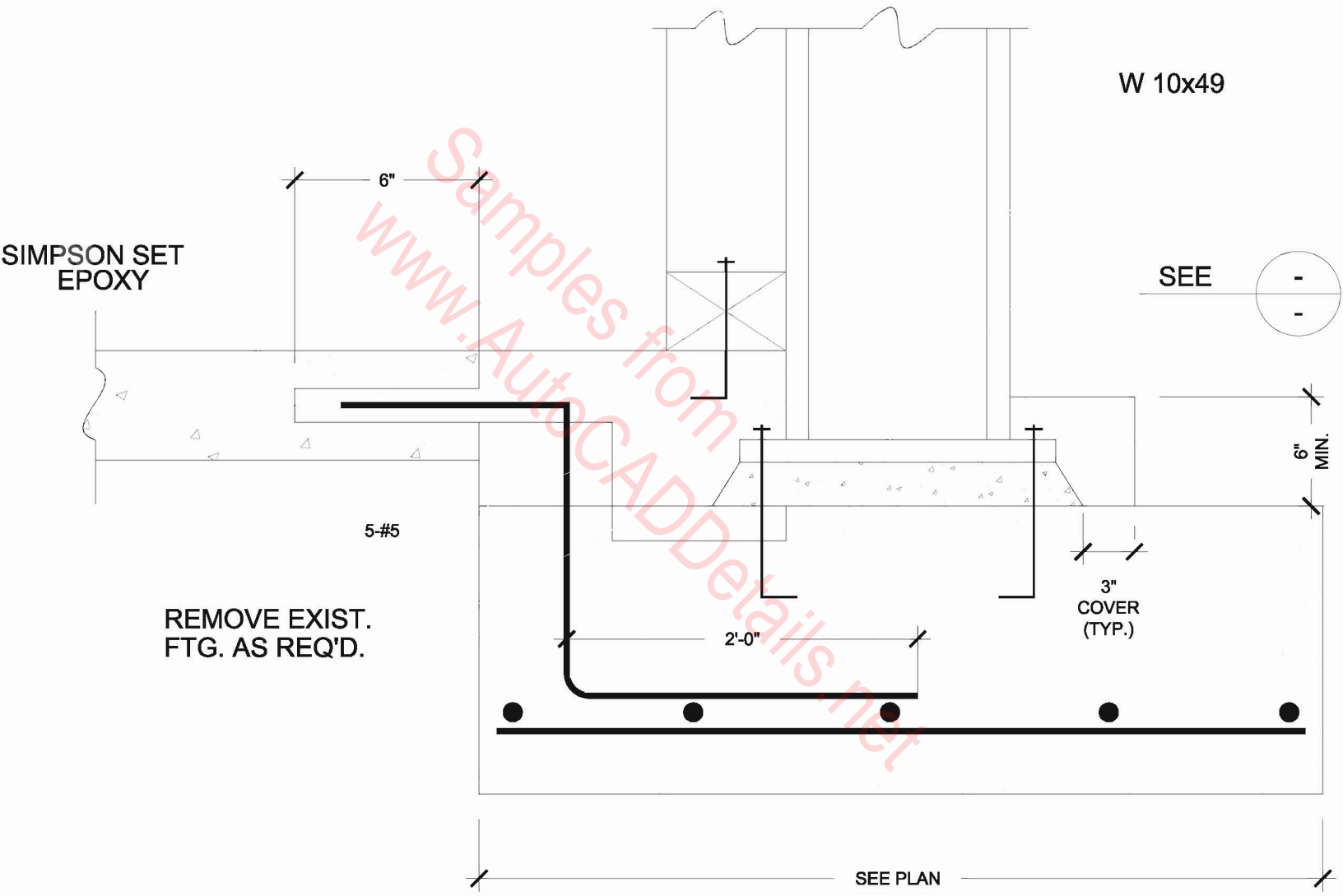
(N) FOOTING , REF

(E) FOOTING

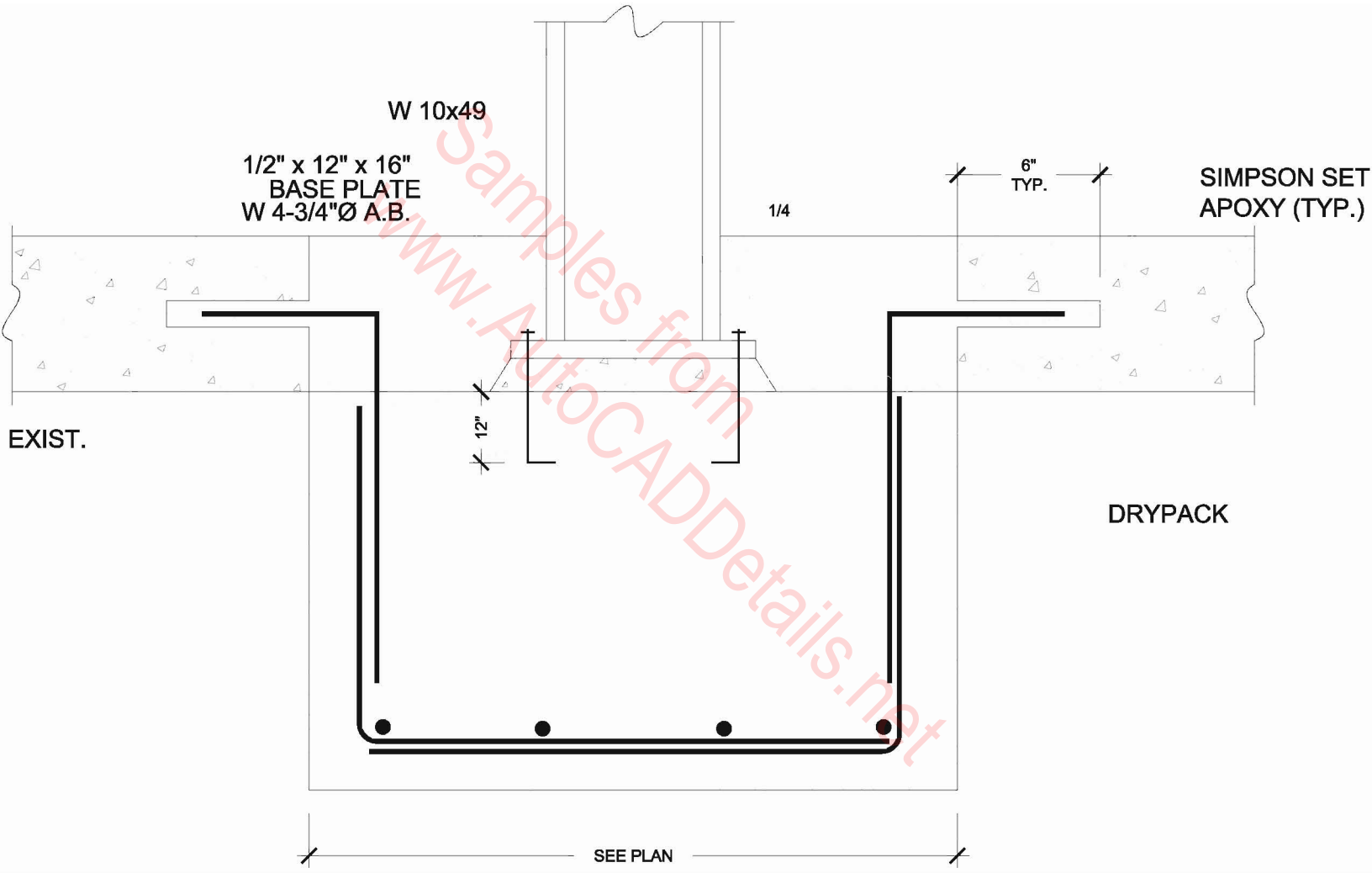
SIDE VIEW



SECTION



Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

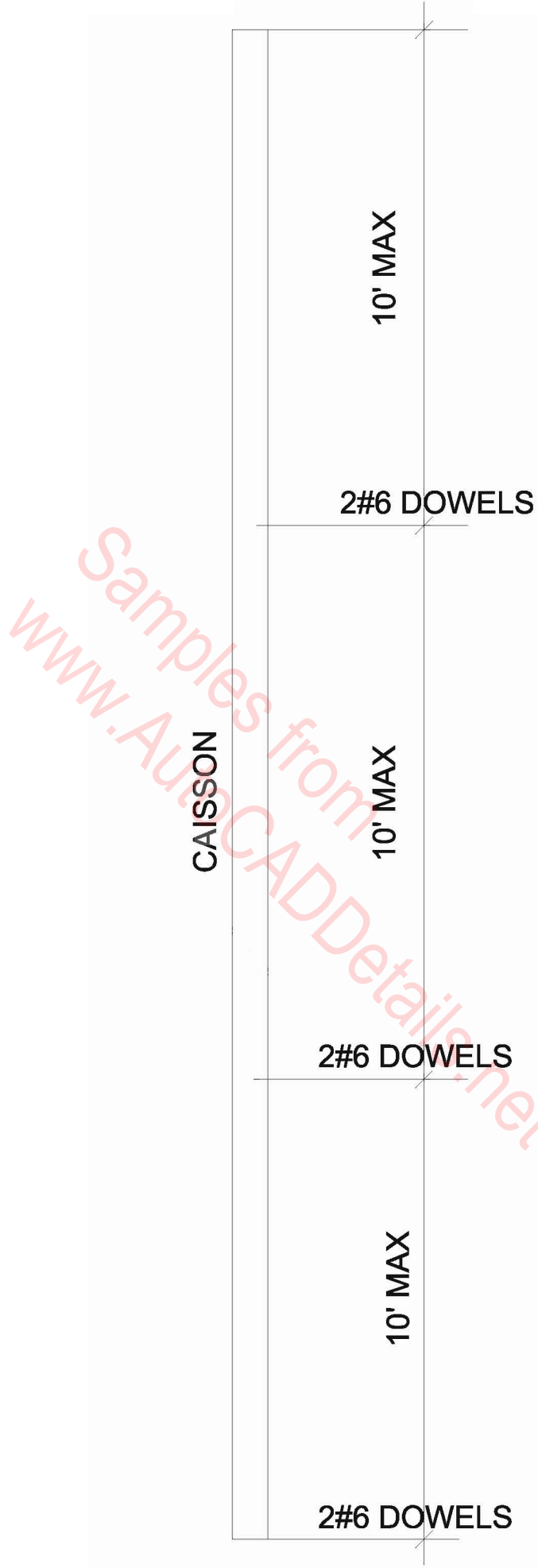
Notes:

Design Loads

1. Live Load: Roof Load - 20 psf (Reducible)
   Floor Load - 40 psf (Reducible)
2. Lateral Load: 2002 L.A.B.C. Seismic Design Criteria
   per Geotechnical Engineering Report

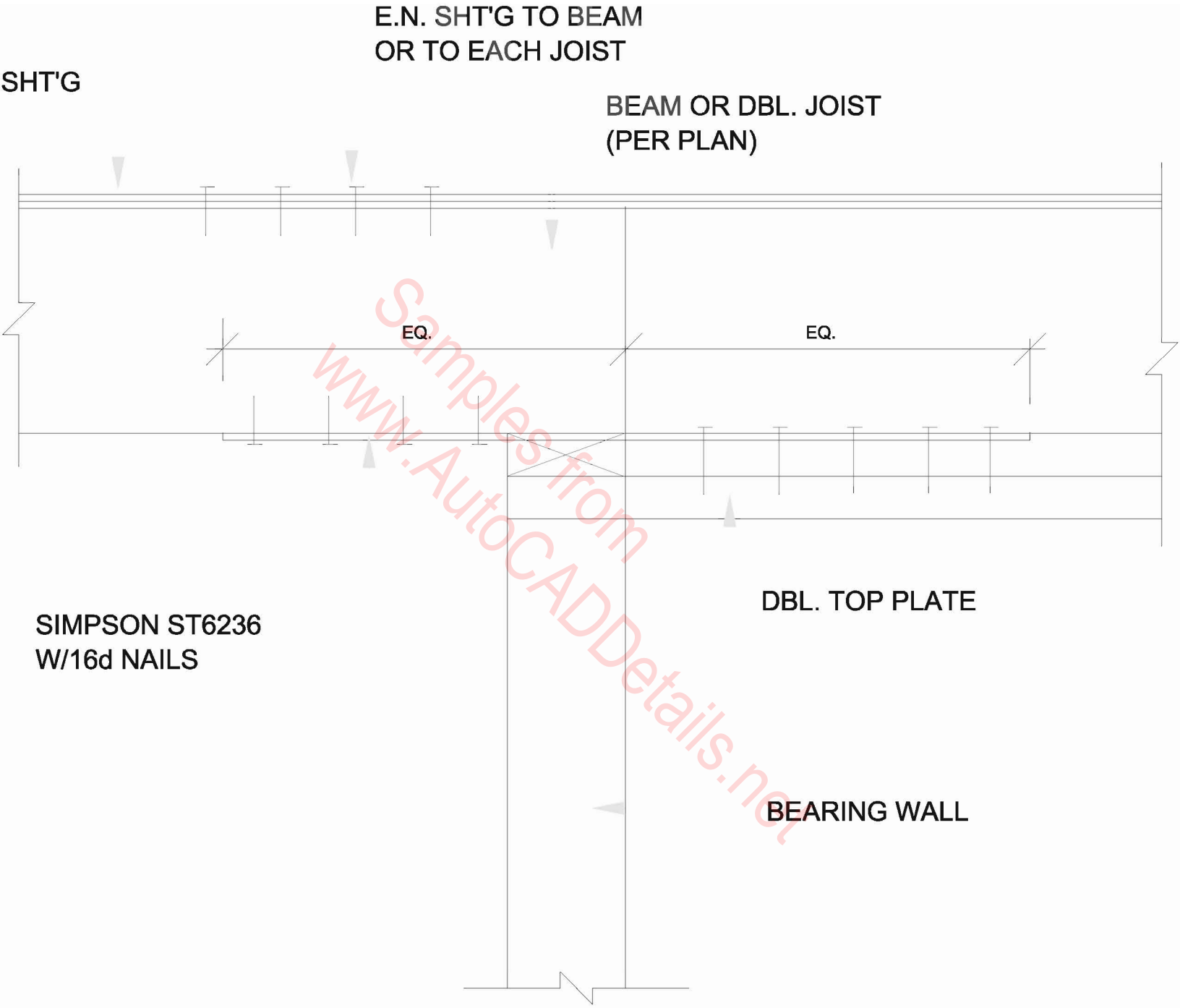
Samples from www.AutoCADDetails.net

Seismic Zone Factor	0.4(Zone 4)
Soil Profile Type	S_D
Seismic Coefficient	Ca=0.55Na
Seismic Coefficient	Cv=0.98Cv
Near-Source Factor	Na=1.3
Near-Source Factor	Nv=1.5
Wind Load	qs=70 mph



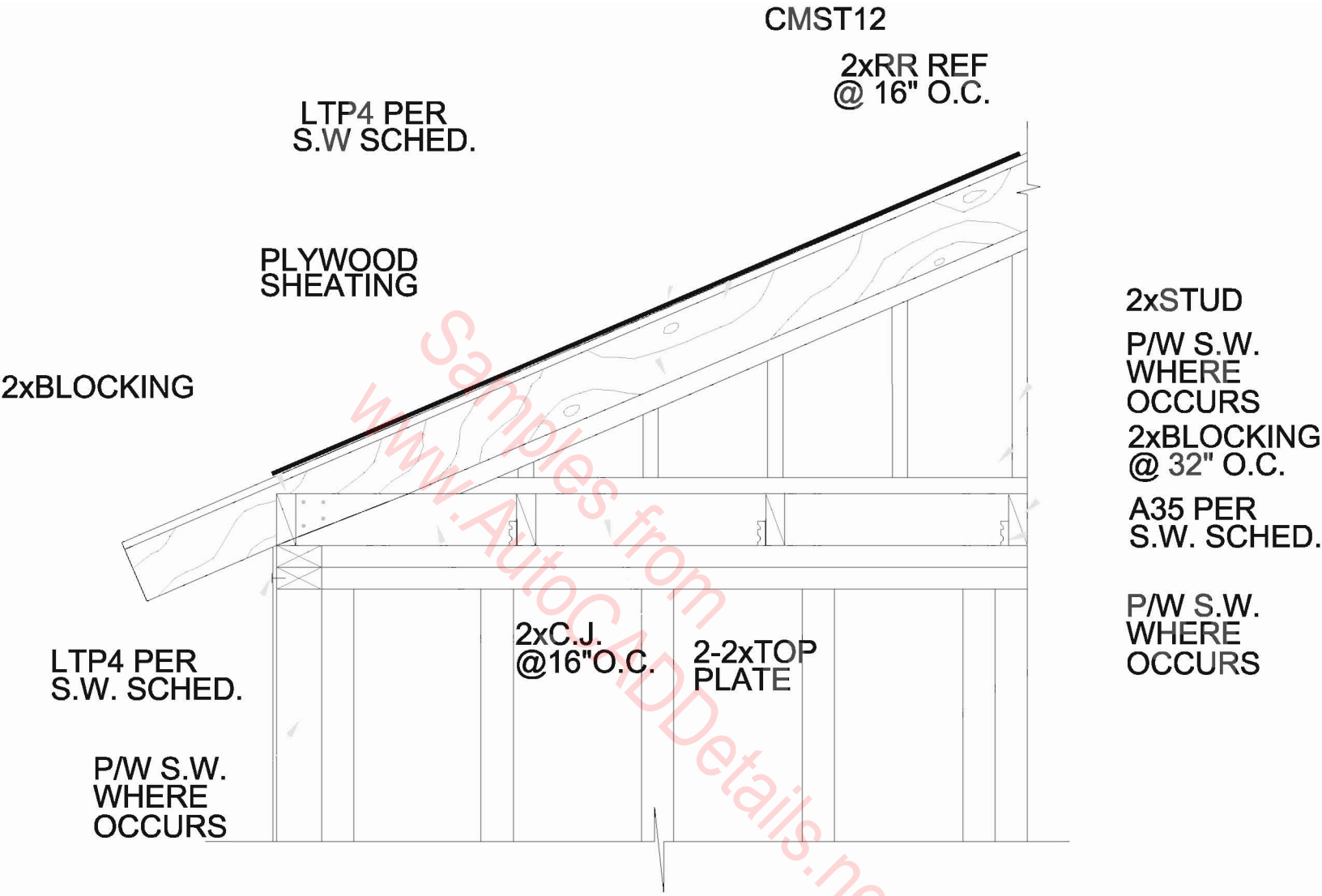
Samples from
www.AutoCADDetails.net

DIAGRAM "X"



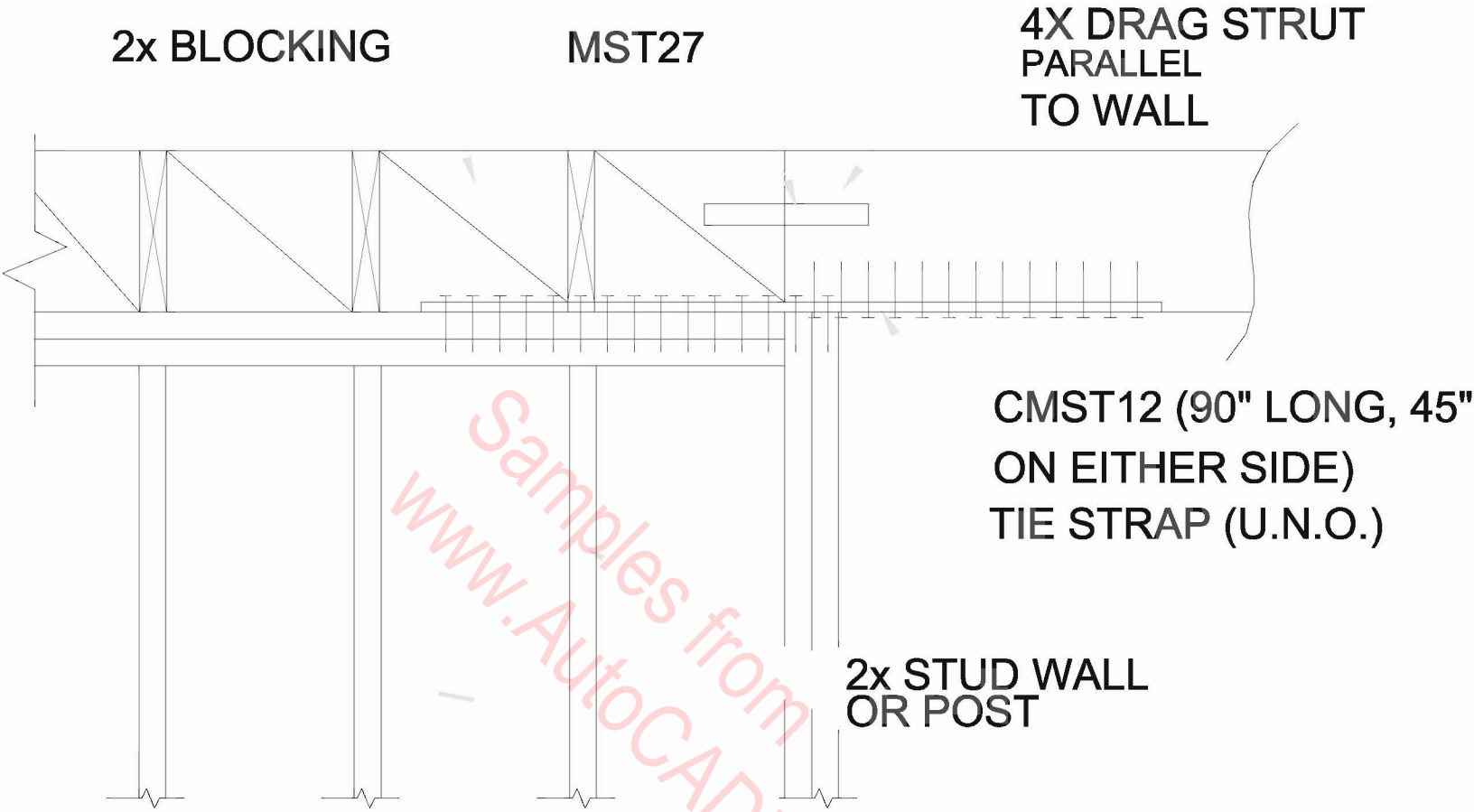
Samples from
www.AutoCADDetails.net

DRAG BEAM TO WALL (DBW)



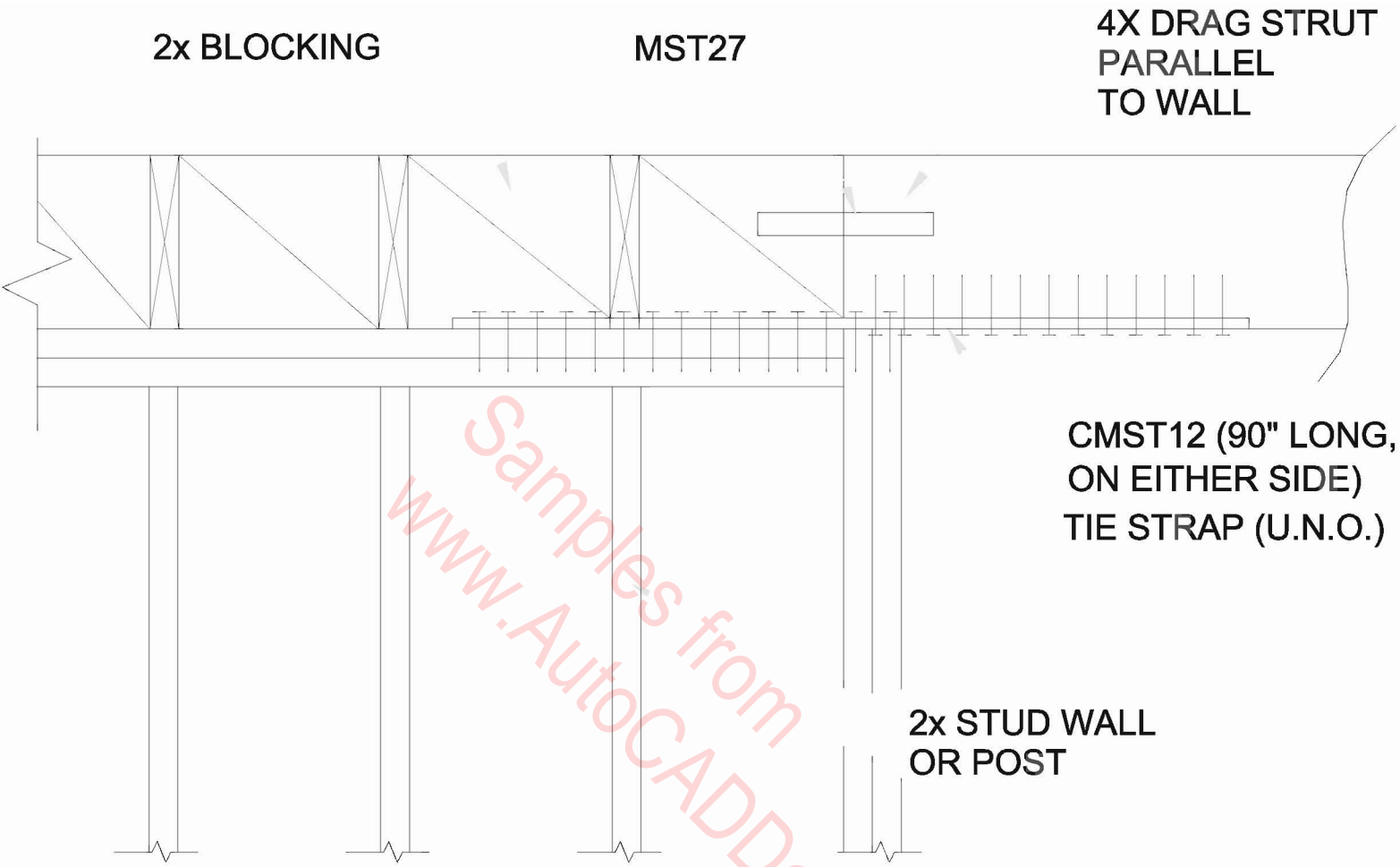
Samples from www.AutoCADDetails.net

DRAG STRAP DETAIL



Samples from
www.AutoCADDetails.net

DRAG STRAP DETAIL



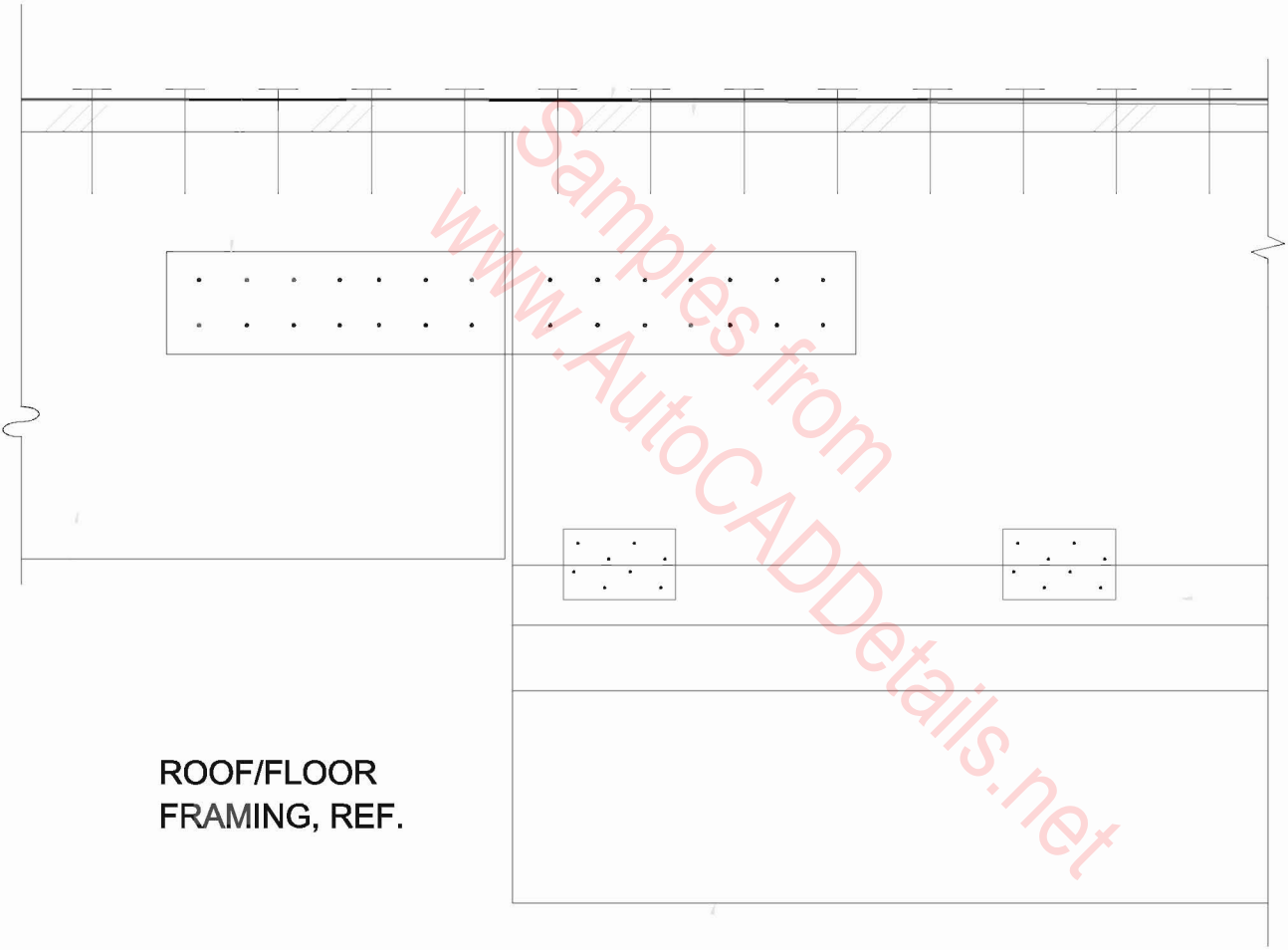
Samples from
www.AutoCADDetails.net

DRAG STRAP DETAIL

MST 60

CMST12 (90" LONG, 45" ON EITHER SIDE)

PLYWOOD DIAPHRAGM, REF.



BLOCKING, REF.

DBL. TOP PLATES w/ LTP4 PER SHEAR WALL SCH.

ROOF/FLOOR FRAMING, REF.

PLYWOOD SHEAR WALL, REF.

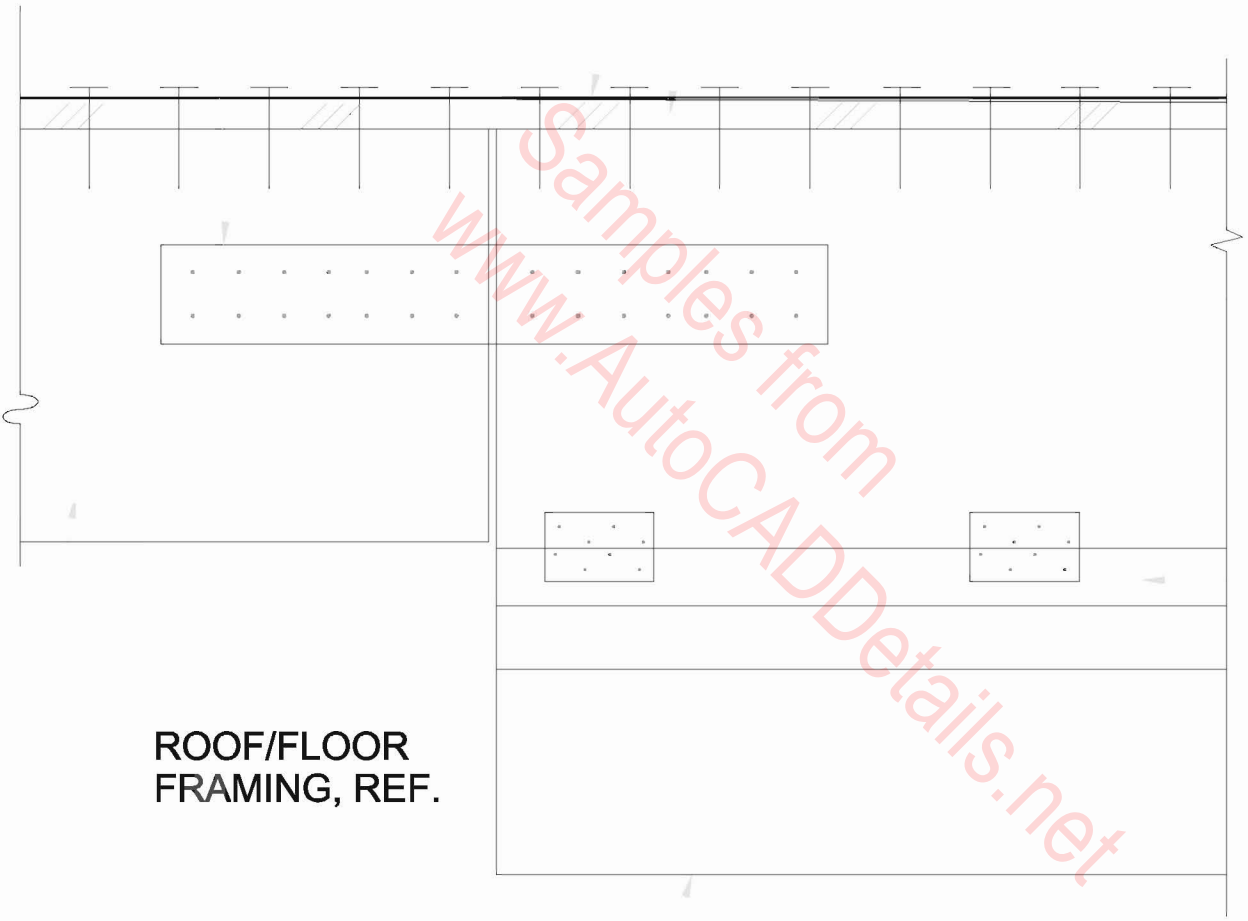
Samples from www.AutoCADDetails.net

DRAG STRAP DETAIL

MST27

CMST12 (90" LONG, 45" ON EITHER SIDE)

PLYWOOD DIAPHRAGM, REF.



BLOCKING, REF.

DBL. TOP PLATES w/ LTP4 PER SHEAR WALL SCH.

ROOF/FLOOR FRAMING, REF.

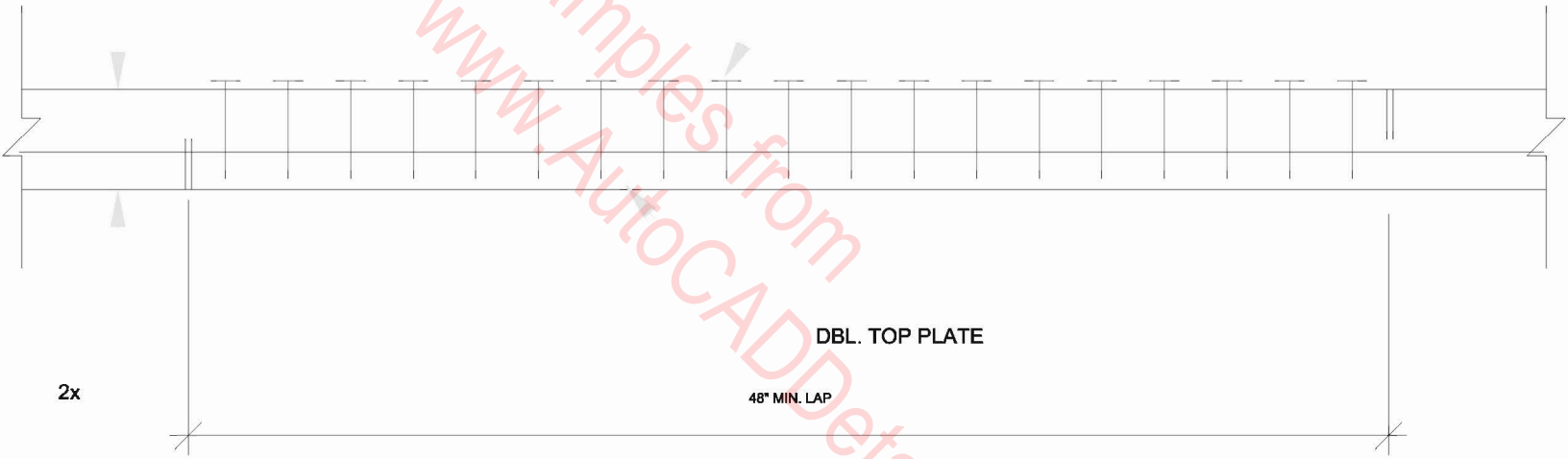
PLYWOOD SHEAR WALL, REF.

Samples from www.AutoCADDetails.net

DRAG STRAP DETAIL

3x

2-20d @6" O.C.



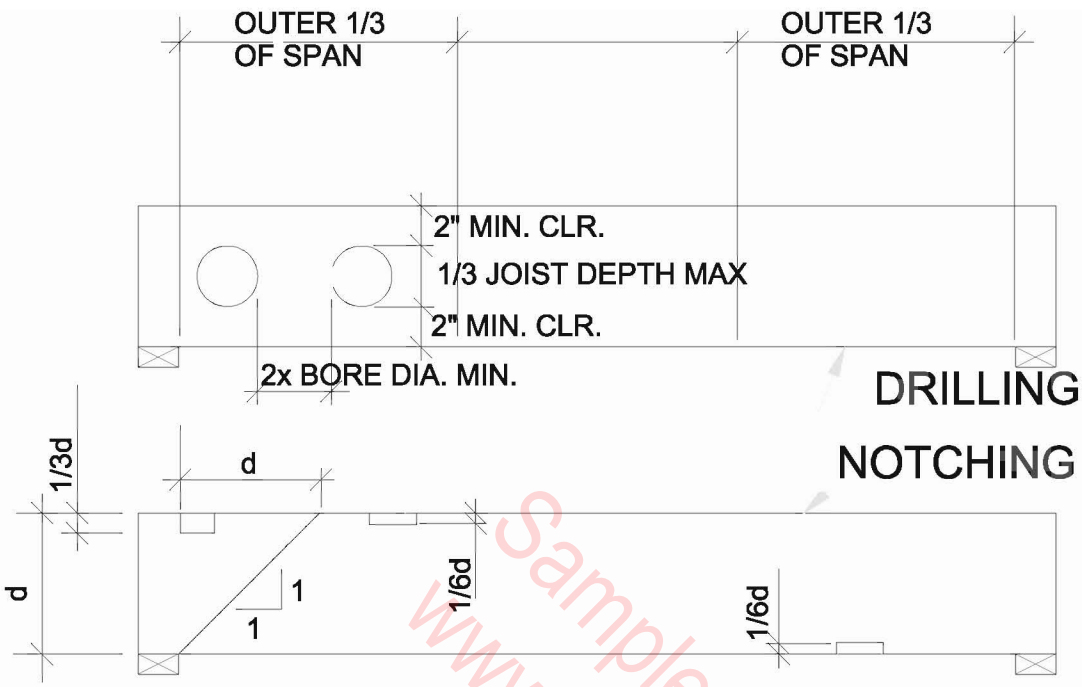
DBL. TOP PLATE

2x

48" MIN. LAP

Samples from www.AutoCADDetails.net

DRAG, TOP PLATE SPLICE (DTPS1)

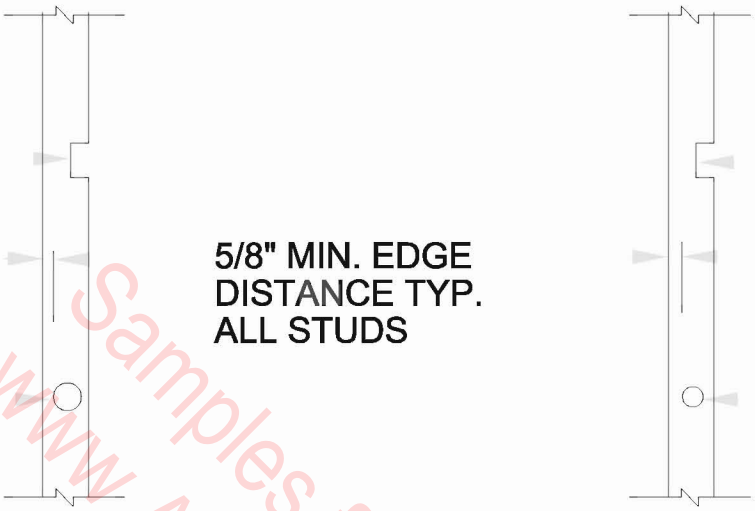


Samples from
www.AutoCADDetails.net

NOTCH MAX. 1/3d WITHIN d OF SUPPORT ON TOP SURFACE ONLY
NOTCH MAX. 1/6d WITHIN OUTER 1/3 OF SPAN
NO NOTCHES OR DRILLING MAY BE MADE WITHIN MIDDLE 1/3 OF SPAN-NOR BOTH TOP & BOTTOM SURFACES NOT BE NOTCHED WITHIN SAME 1/3 OF SPAN

NOTCH/BORE % OF JOIST	2x6	2x8	2x10	2x12	2x14
16 2/3%	7/8"	1 1/8"	1 1/2"	1 7/8"	2 1/8"
33 1/3%	1 1/4"	2 3/8"	3"	3 3/4"	4 3/8"

DRILLING & NOTCHING OF WD. JOIST (DNWJ)



NON-BRG. STUDS

EXT. & BRG. STUDS

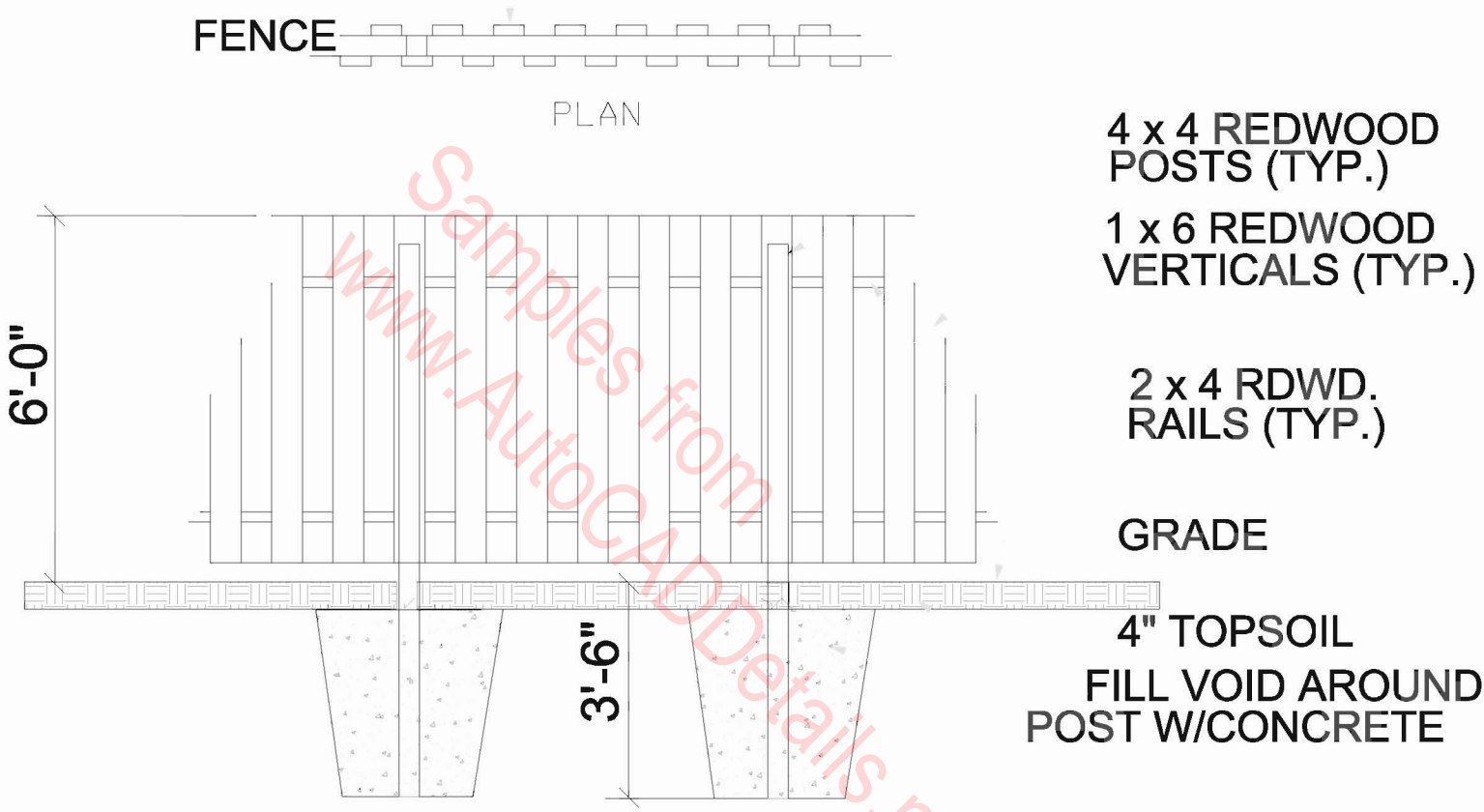
NOTE:
NOTCH & BORING NOT TO OCCUR
IN SAME STUD

NOTCH/BORE % OF STUD	2x4	2x6
25%	7/8"	1 3/8"
40%	1 3/8"	2 1/8"
60%	2"	3 1/4"

DRILLING & NOTCHING OF WD. STUDS (DNWS)

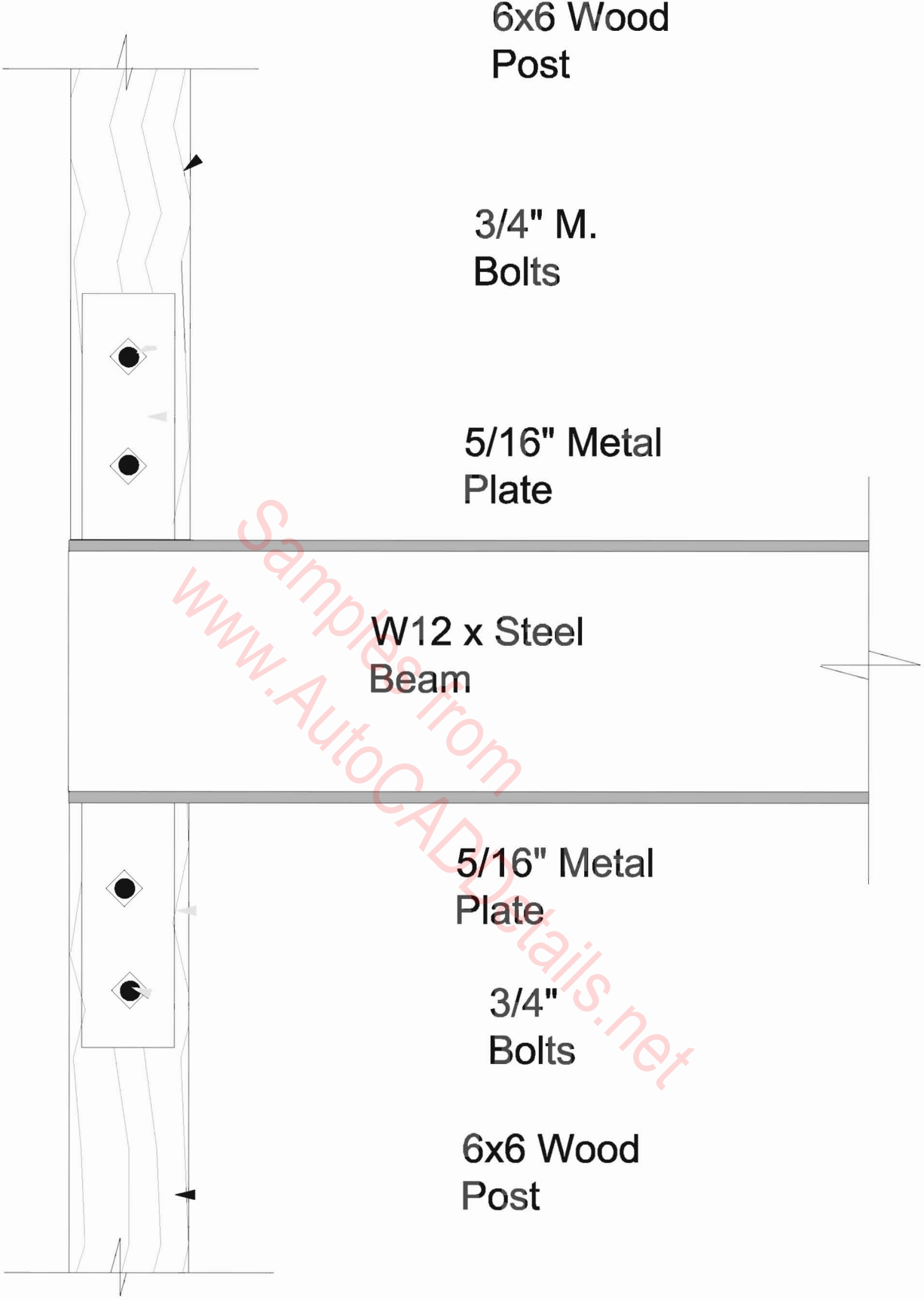
Samples from www.AutoCADDetails.net

6'-0" HIGH REDWOOD
BOARD ON BOARD



Samples from
www.AutoCADDetails.net

ELEVATION
Wooden Fence Detail

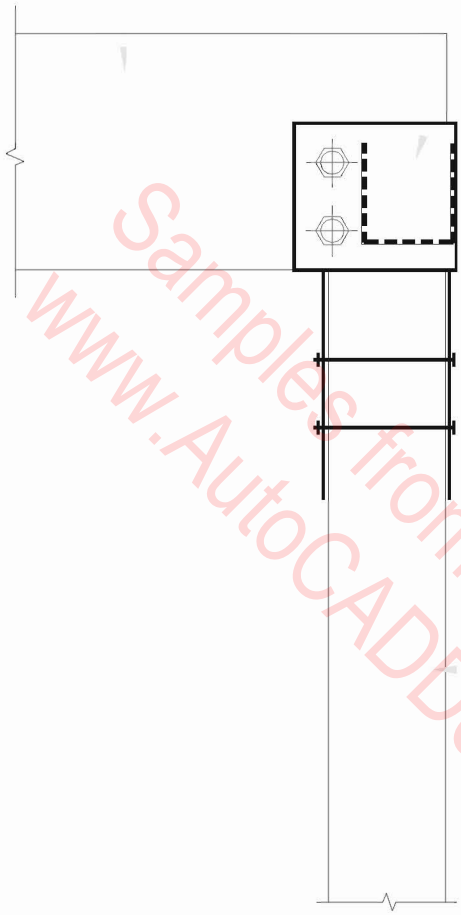


Samples from
www.AutoCADDetails.net

End Post Above & Below (Metal Plate Connection)

WD BEAM,REF.

ECC,REF
(WHERE OCCUR)



4x POST

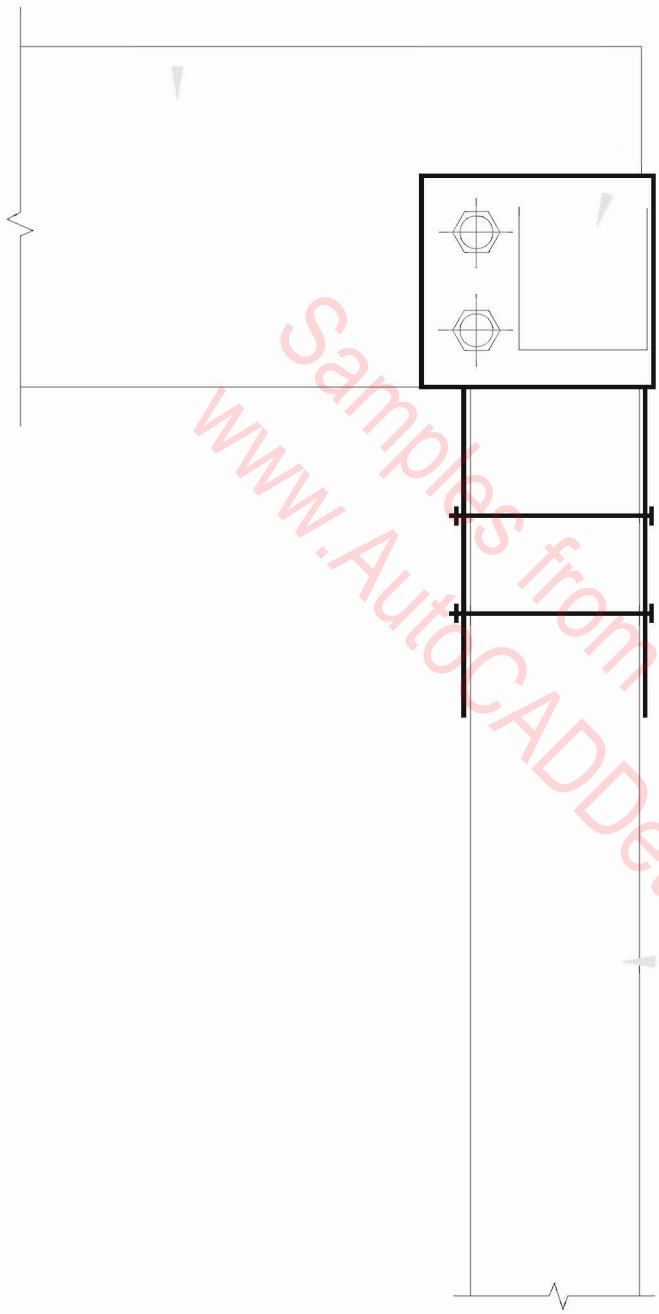
Samples from
www.AutoCADDetails.net

COL. SIZE	CONN.	END COND.	CORNER COND.	CROSS COND.
4x4	CC44	ECC44	ECC	CCT, CCC
4x6	CC46	ECC46	ECC	CCT, CCC
6x6	CC66	ECC66	ECC	CCT, CCC

END POST BEAM DETAIL

WD BEAM,REF.

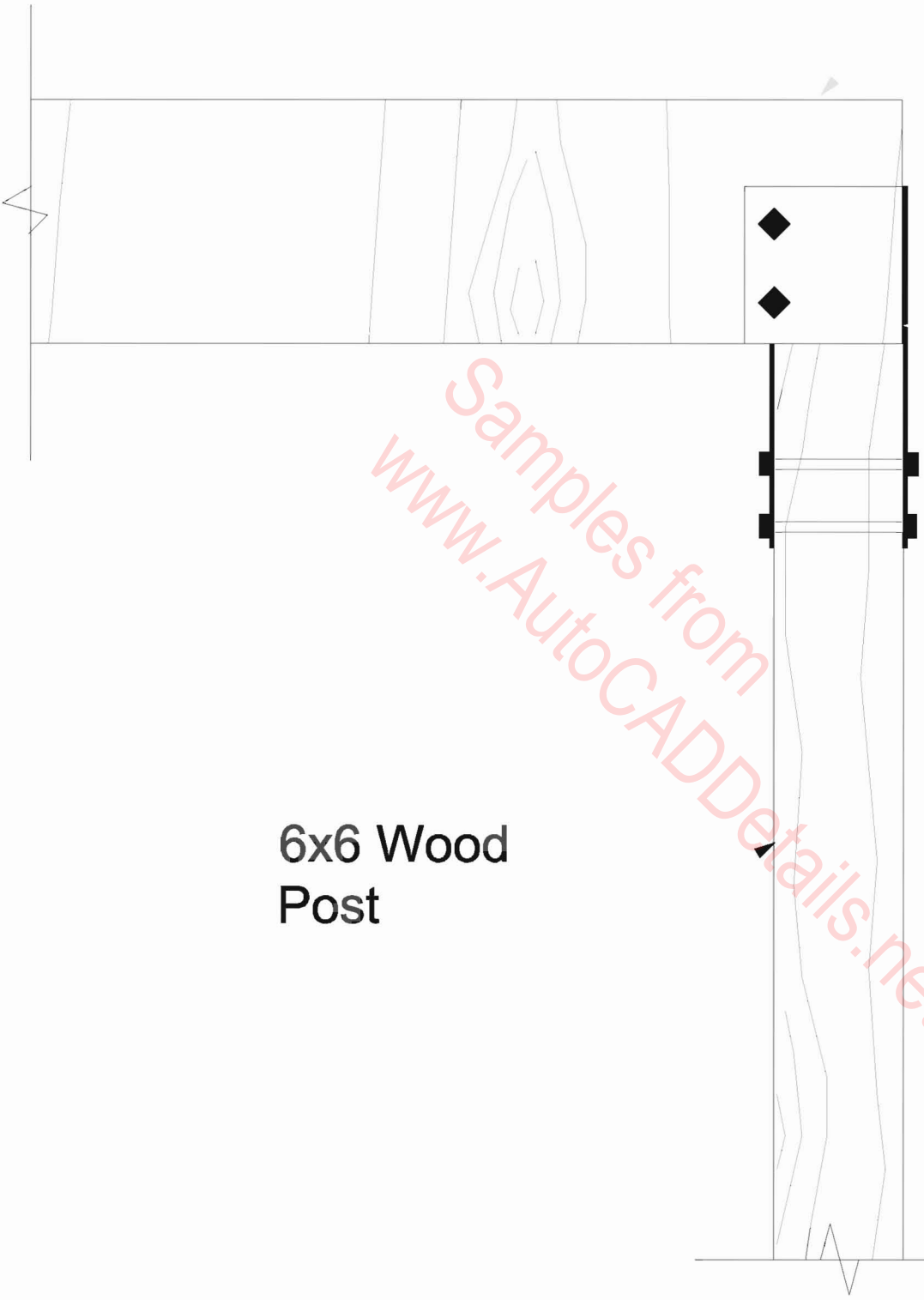
ECC,REF



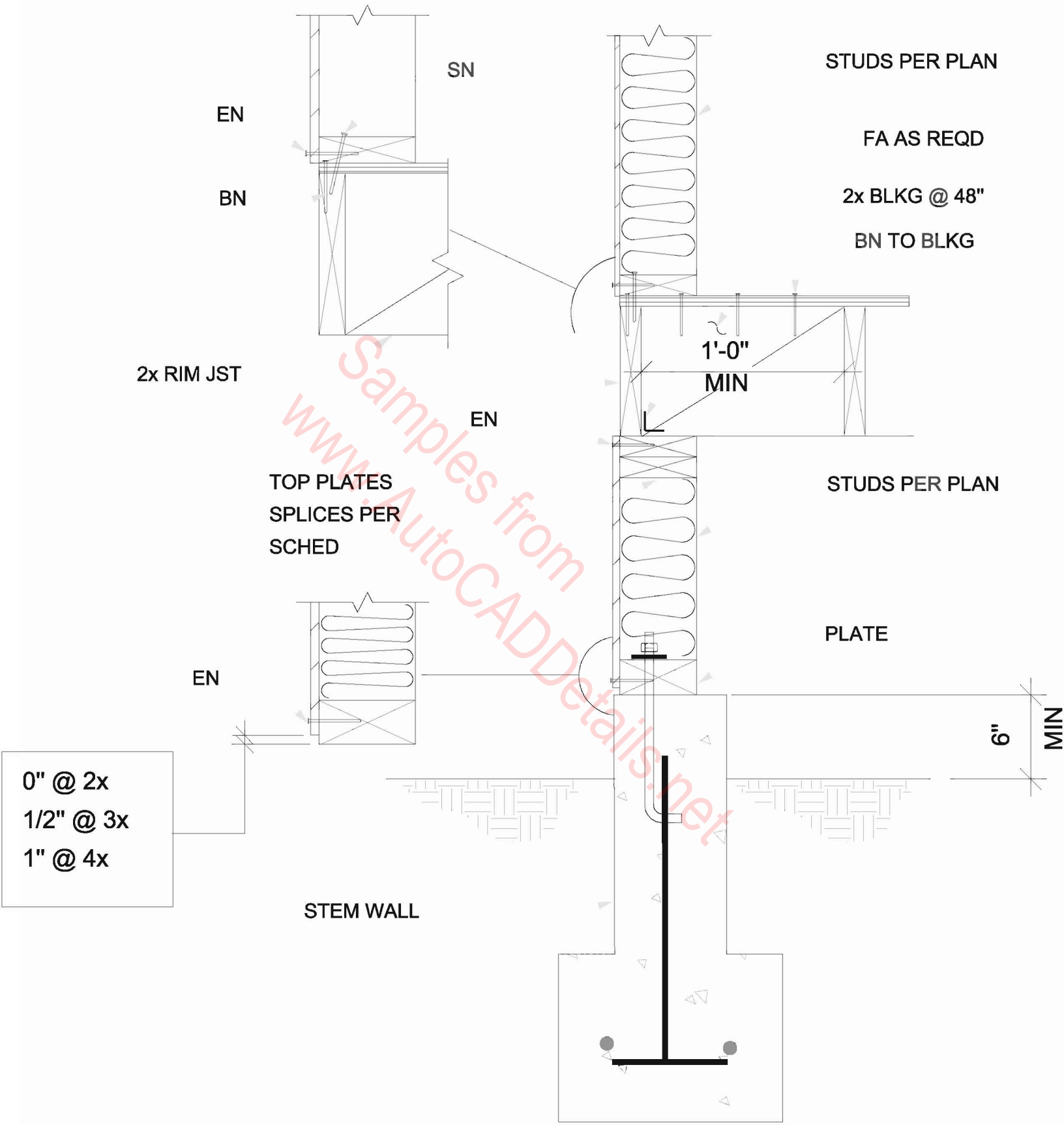
4x POST

Samples from
www.AutoCADDetails.net

END POST BEAM DETAIL

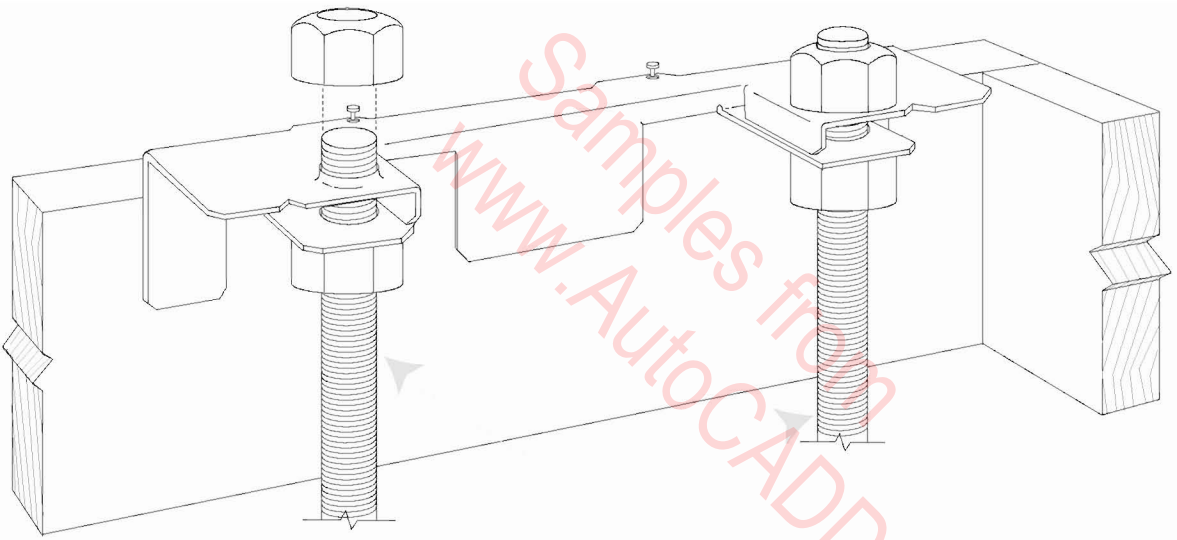


Samples from
www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

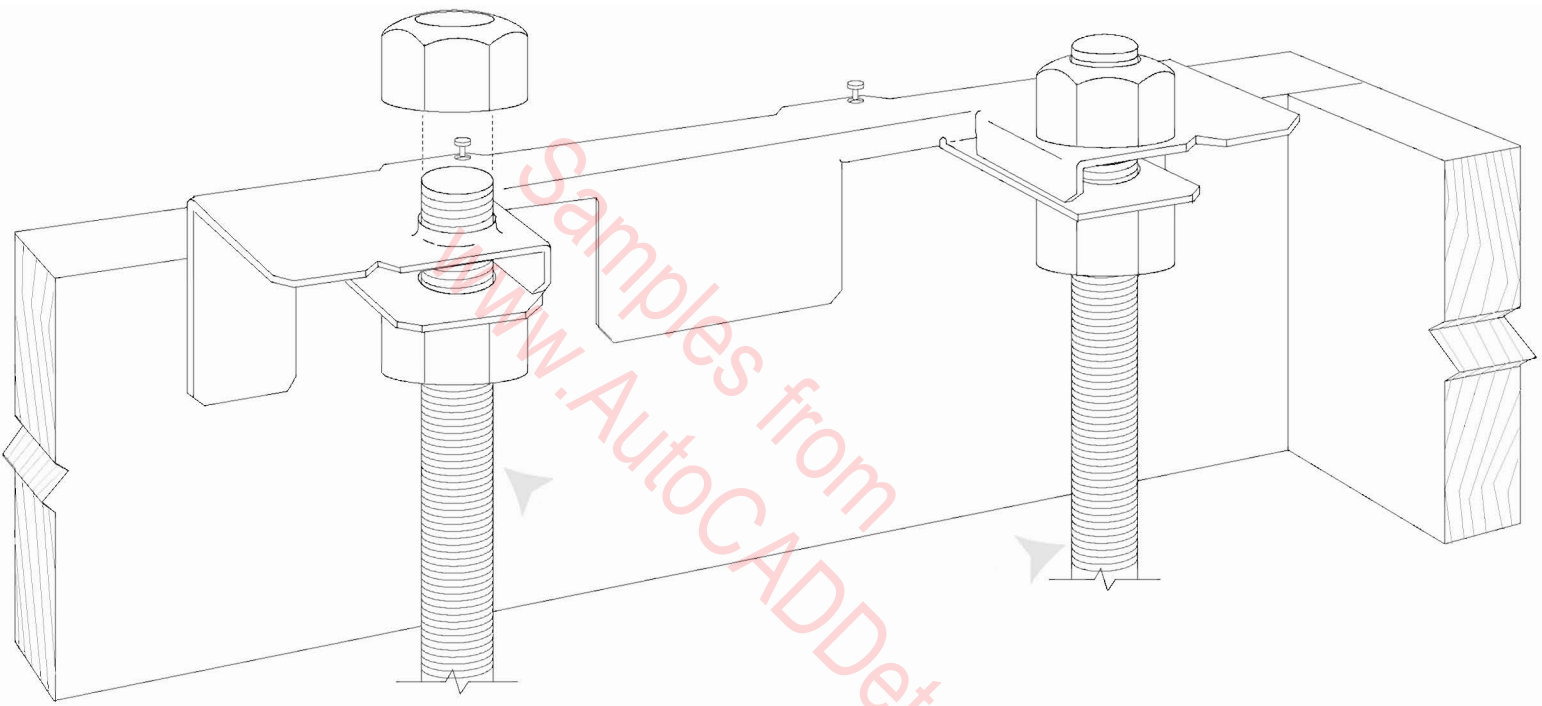
Exterior Footing W/Cripple wall



(2) 3/4" SSWAB

EXTERIOR INSTALLATION

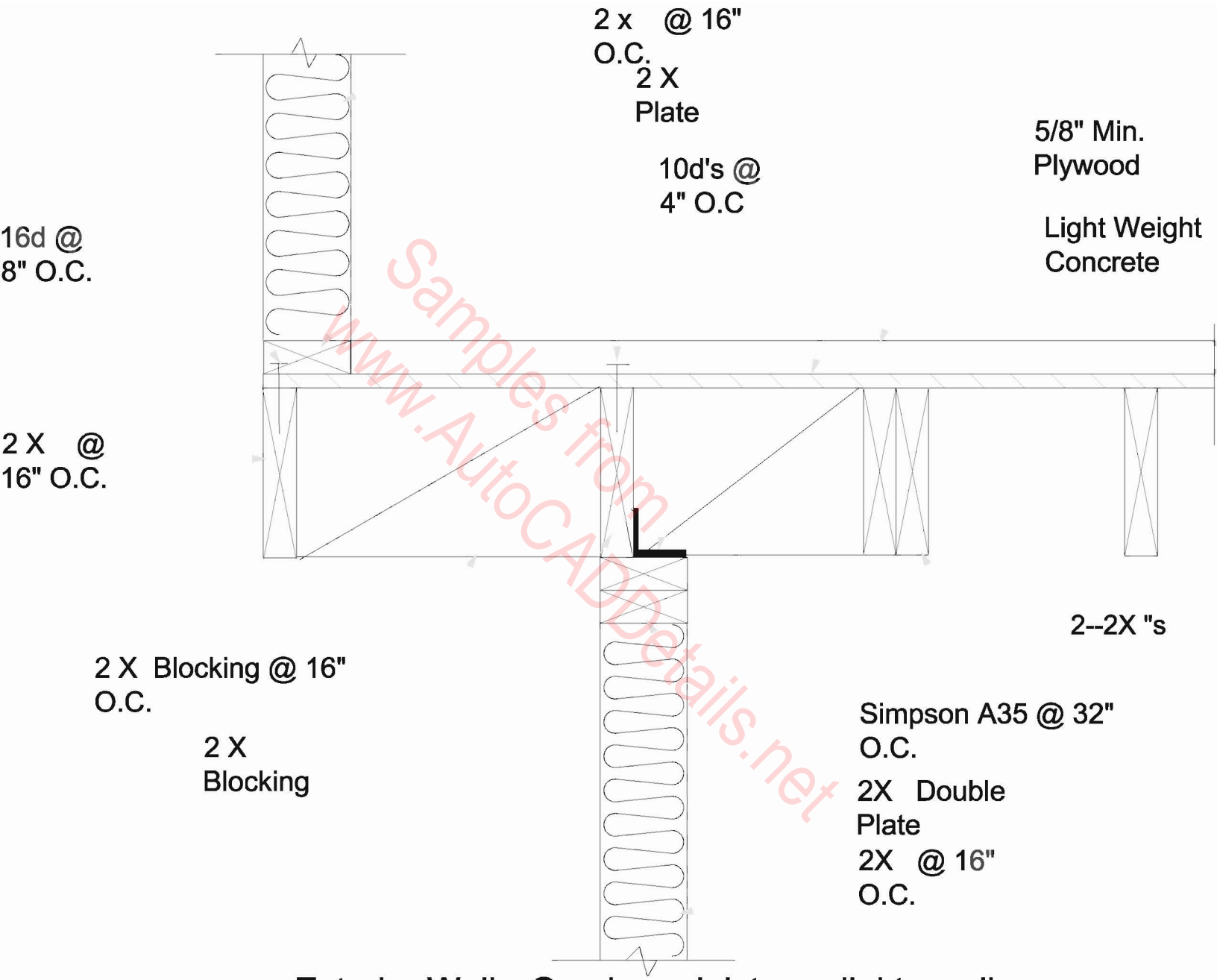
Samples from www.AutoCADDetails.net



(2) 1" SSWAB

EXTERIOR INSTALLATION

Samples from www.AutoCADDetails.net

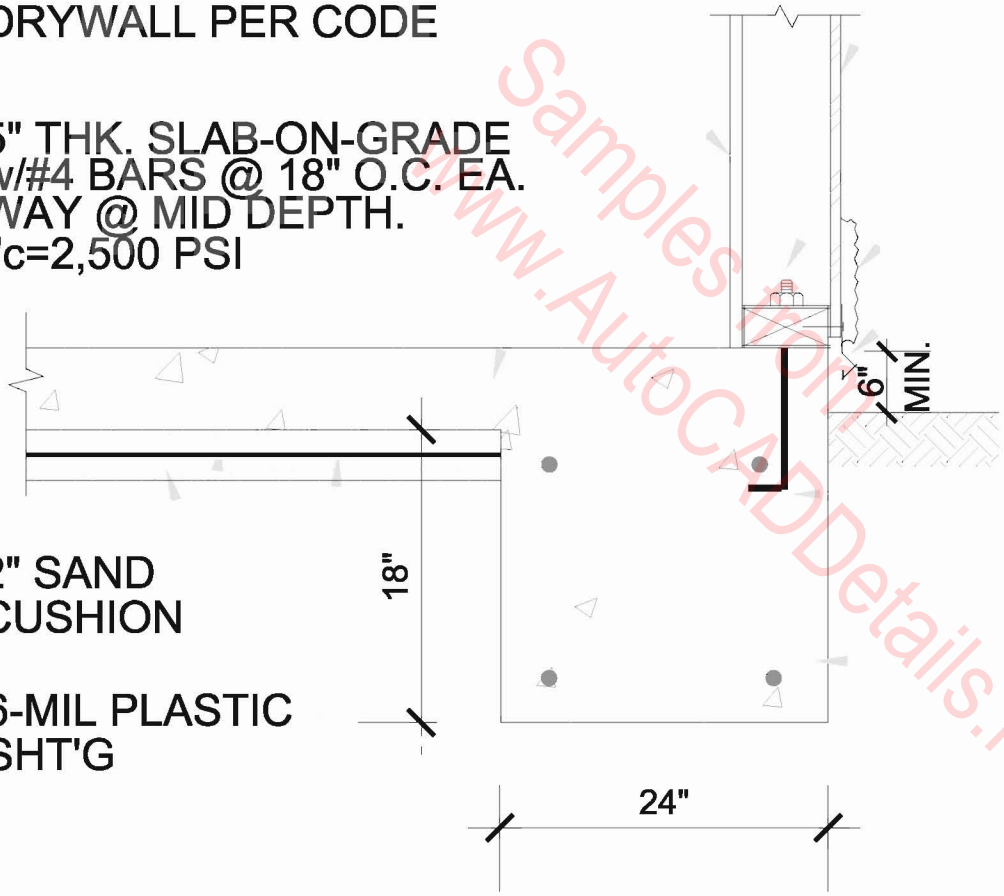


Samples from www.AutoCADDetails.net

Exterior Wall --Overhang joist parallel to wall with Lt. Wt. concrete, metal shear resistance clips.

DRYWALL PER CODE

5" THK. SLAB-ON-GRADE
w/#4 BARS @ 18" O.C. EA.
WAY @ MID DEPTH.
f'c=2,500 PSI



2" SAND
CUSHION

6-MIL PLASTIC
SHT'G

PLYWOOD PER SHEAR
WALL SCHEDULE
(WHERE OCCURS)

3x SILL PL. (P.T.)

7/8" STUCCO PER CODE

FLASHING PER CODE

5/8"Ø "J" BOLTS
PER S/W SCHD.

CONC. FOOTING w/ 4
CONT. #5 BARS
f'c=2,500 PSI

Samples from www.AutoCADDetails.net

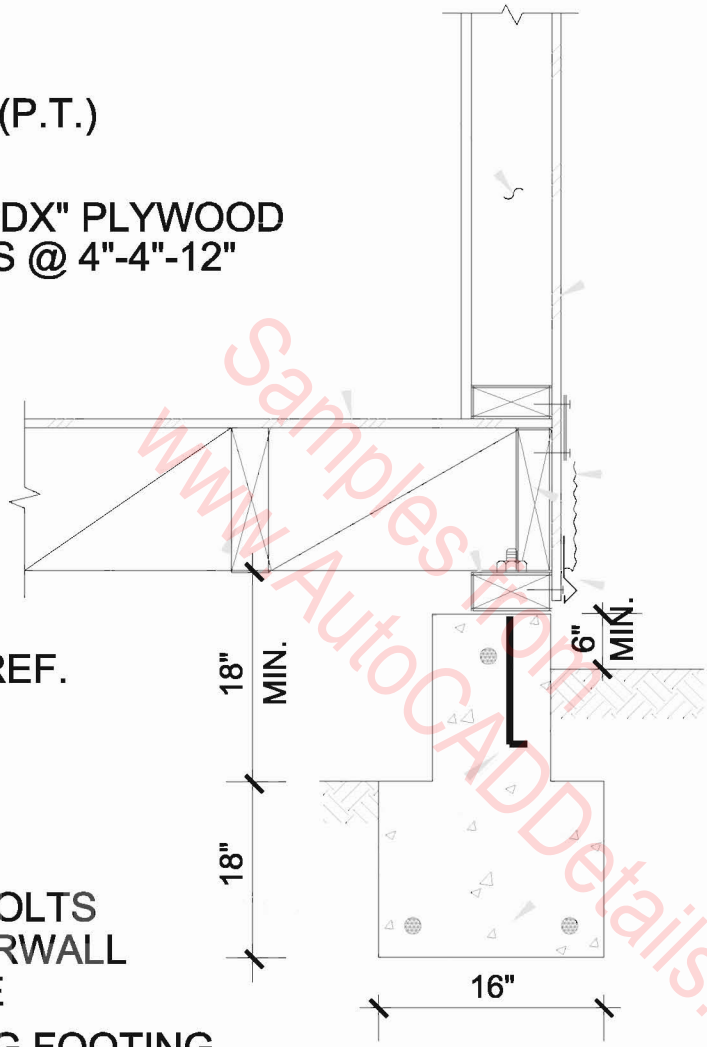
EXTERIOR WALL FOOTING

2x STUDS @ 16" O.C.

3 x PLATE (P.T.)

3/4" T&G "CDX" PLYWOOD
w/10d NAILS @ 4"-4"-12"

PLYWOOD PER SHEAR
WALL SCHEDULE



7/8" STUCCO PER COD

RIM JOIST/CONT. BLOCKING

FLASHING PER CODE (TYP.)

2X BLCKG
FLOOR JOIST REF.

16"x18" CONC. FOOTING

& 1-CONT. #5 BAR @ TOP
f'c=2,500 PSI
STEM THICKNESS 8" MIN.

5/8"Ø "J" BOLTS
PER SHEARWALL
SCHEDULE

IN EXISTING FOOTING,
USE 5/8"Ø A.B. w/ SET
EPOXY, ICBO 5279, MIN.
EMBED. 5", MI. EDGE
DIST. 1-3/4", SP. INSP.
REQ'D

Samples from www.AutoCADDetails.net

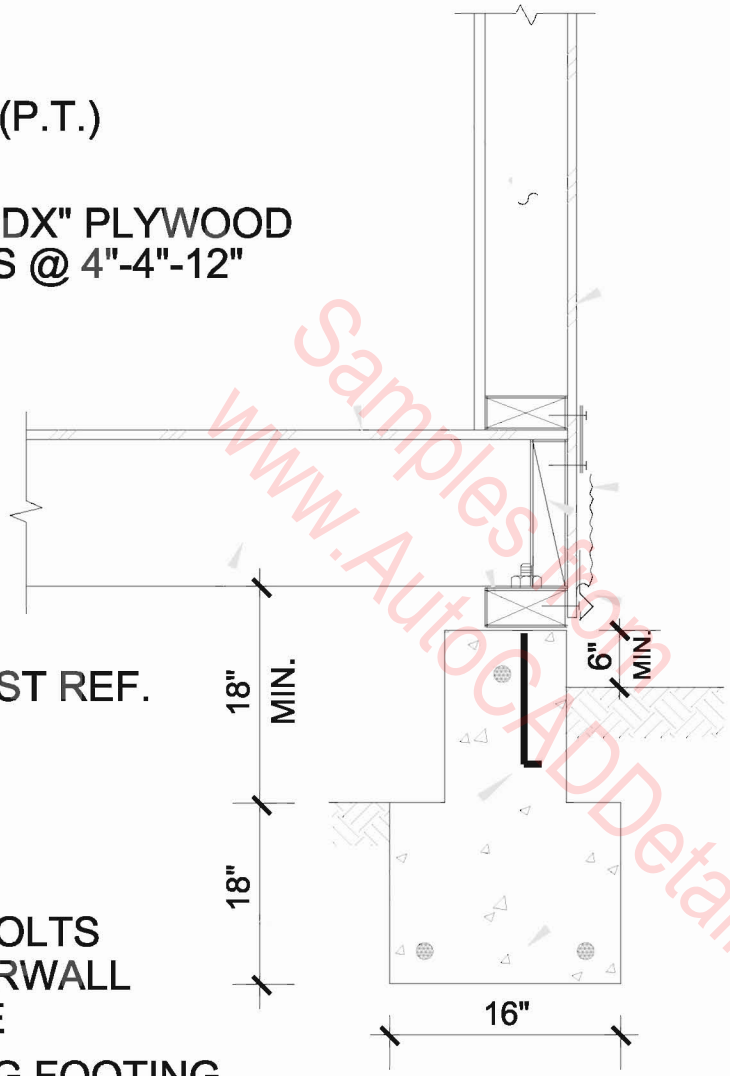
EXTERIOR WALL FOOTING

2x STUDS @ 16" O.C.

3 x PLATE (P.T.)

3/4" T&G "CDX" PLYWOOD
w/10d NAILS @ 4"-4"-12"

PLYWOOD PER SHEAR
WALL SCHEDULE



7/8" STUCCO PER COD

RIM JOIST/CONT. BLOCKING

FLASHING PER CODE (TYP.)

FLOOR JOIST REF.

16"x18" CONC. FOOTING
w/ 2-CONT. #5 BARS @ BOTT.
& 1-CONT. #5 BAR @ TOP
f'c=2,500 PSI
STEM THICKNESS 8" MIN.

5/8"Ø "J" BOLTS
PER SHEARWALL
SCHEDULE

IN EXISTING FOOTING,
USE 5/8"Ø A.B. w/ SET
EPOXY, ICBO 5279, MIN.
EMBED. 5", MI. EDGE

Samples from www.AutoCADDetails.net

EXTERIOR WALL FOOTING

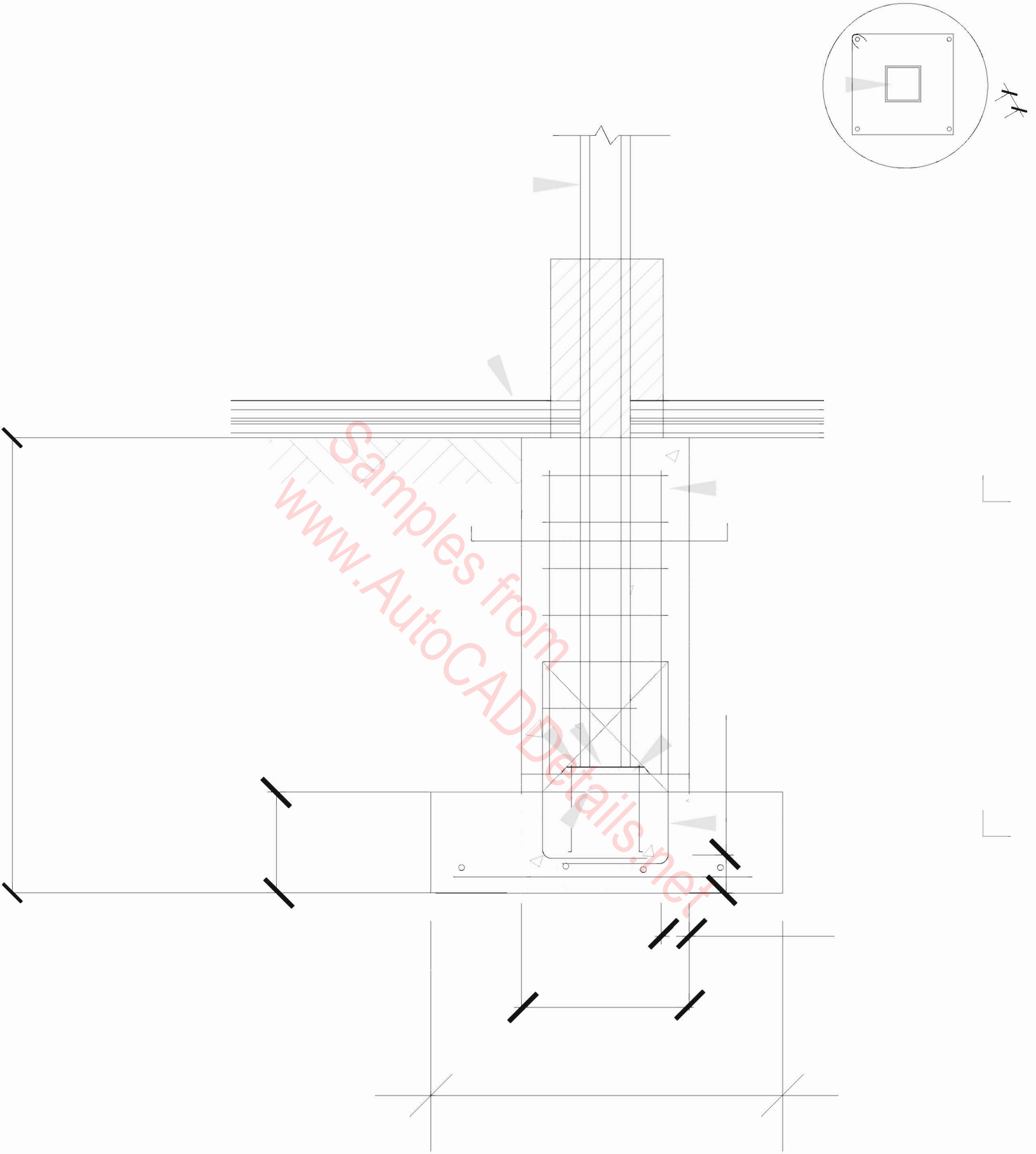
DAMPER SPECIFICATIONS

STEEL DAMPERS					
FIREPLACE WIDTH (INCHES)	STEEL DAMPERS				
	A	B	C	D	E
24 - 26	28.25	26.75	13	24	9.5
27 - 30	32.25	30.75	13	28	9.5
31 - 34	36.25	34.75	13	32	9.5
35 - 38	40.25	38.75	13	36	9.5
39 - 42	44.25	42.75	13	40	9.5
43 - 46	48.25	46.75	13	44	9.5
47 - 50	52.25	50.75	13	48	9.5
51 - 54	56.25	54.75	13	52	9.5
57 - 60	62.5	60.75	13	58	9.5

CAST IRON DAMPERS					
FIREPLACE WIDTH (INCHES)	STEEL DAMPERS				
	A	B	C	D	E
24 - 26	28	21	13.5	24	10
27 - 30	34	26.75	13.5	30	10
31 - 34	37	29.75	13.5	33	10
35 - 38	40	32.75	13.5	36	10
39 - 42	46	38.75	13.5	48	10
43 - 46	52	44.75	13.5	48	10
47 - 50	57.5	50.5	13.5	54	10
51 - 54	64	56.5	14.5	60	11.5
57 - 60	76	58	14.5	72	11.5

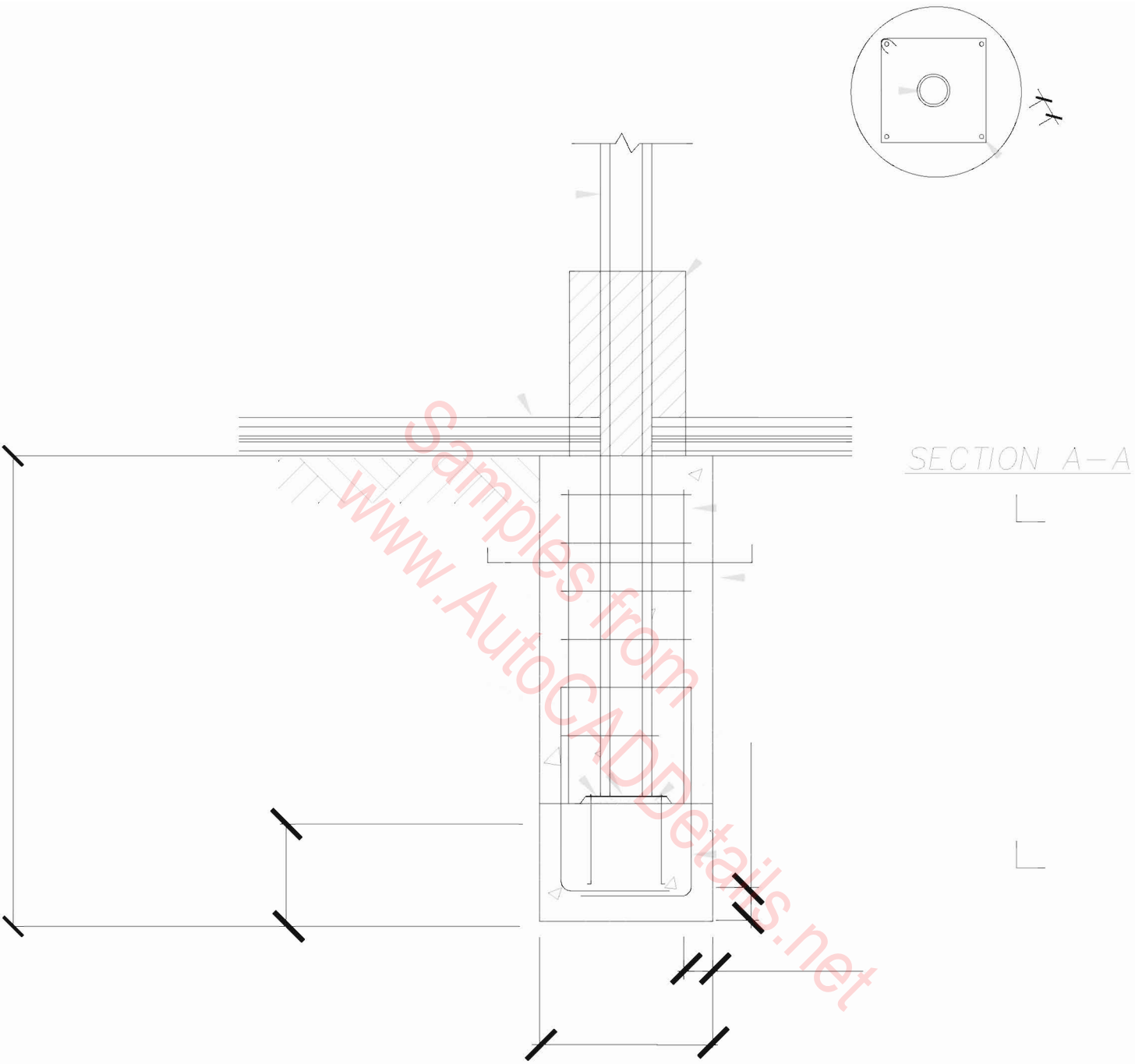
Samples from www.AutoCADDetails.net

FIREPLACE DAMPER SPECIFICATION



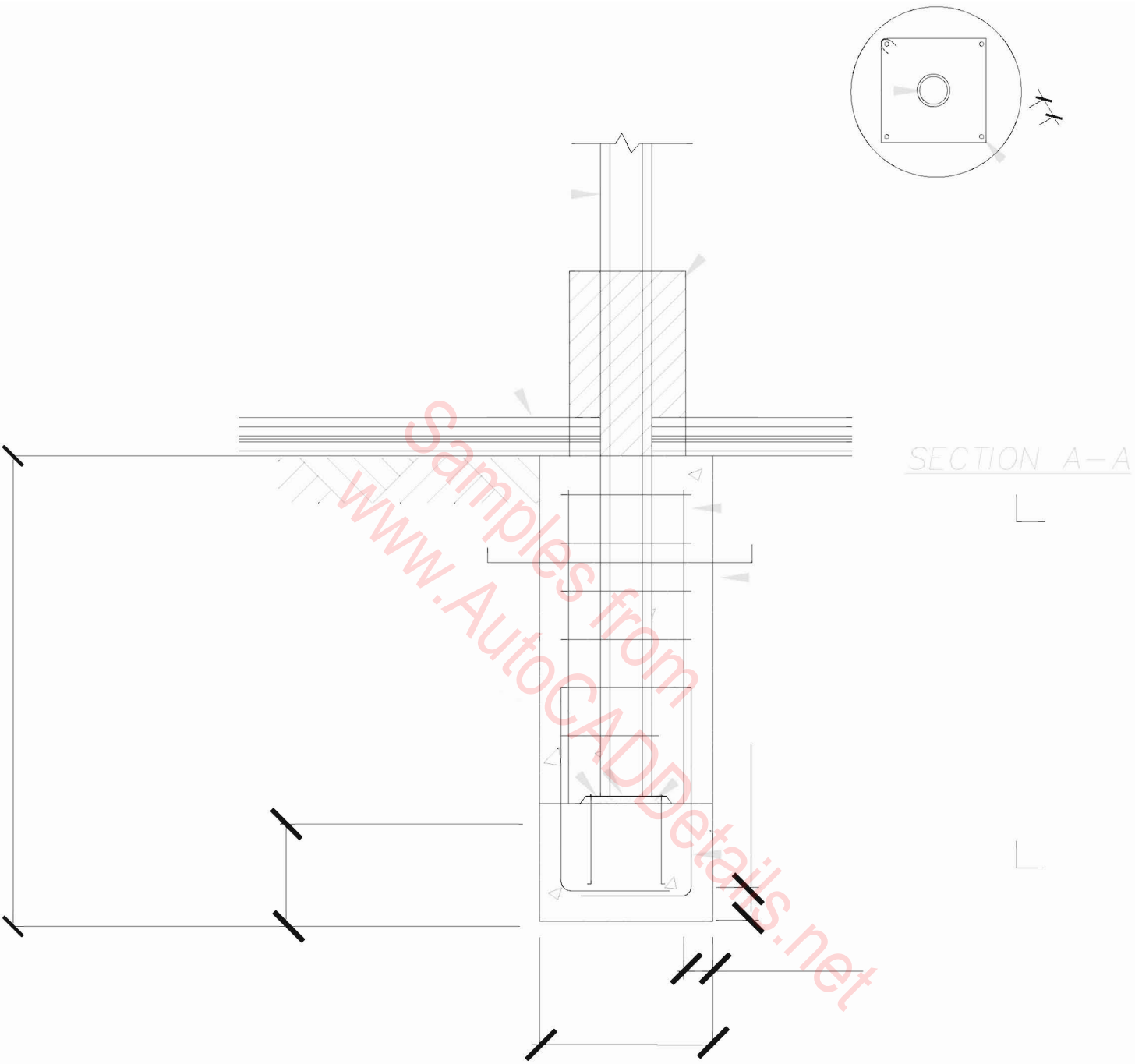
Samples from
www.AutoCADDetails.net

FLAG POLE FOOTING DETAIL



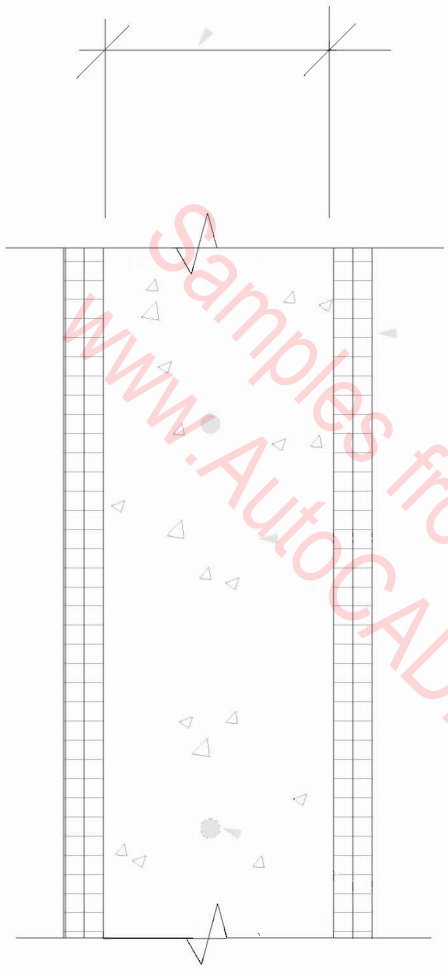
Samples from www.AutoCADDetails.net

FLAGPOLE POST-FOOTING DETAIL



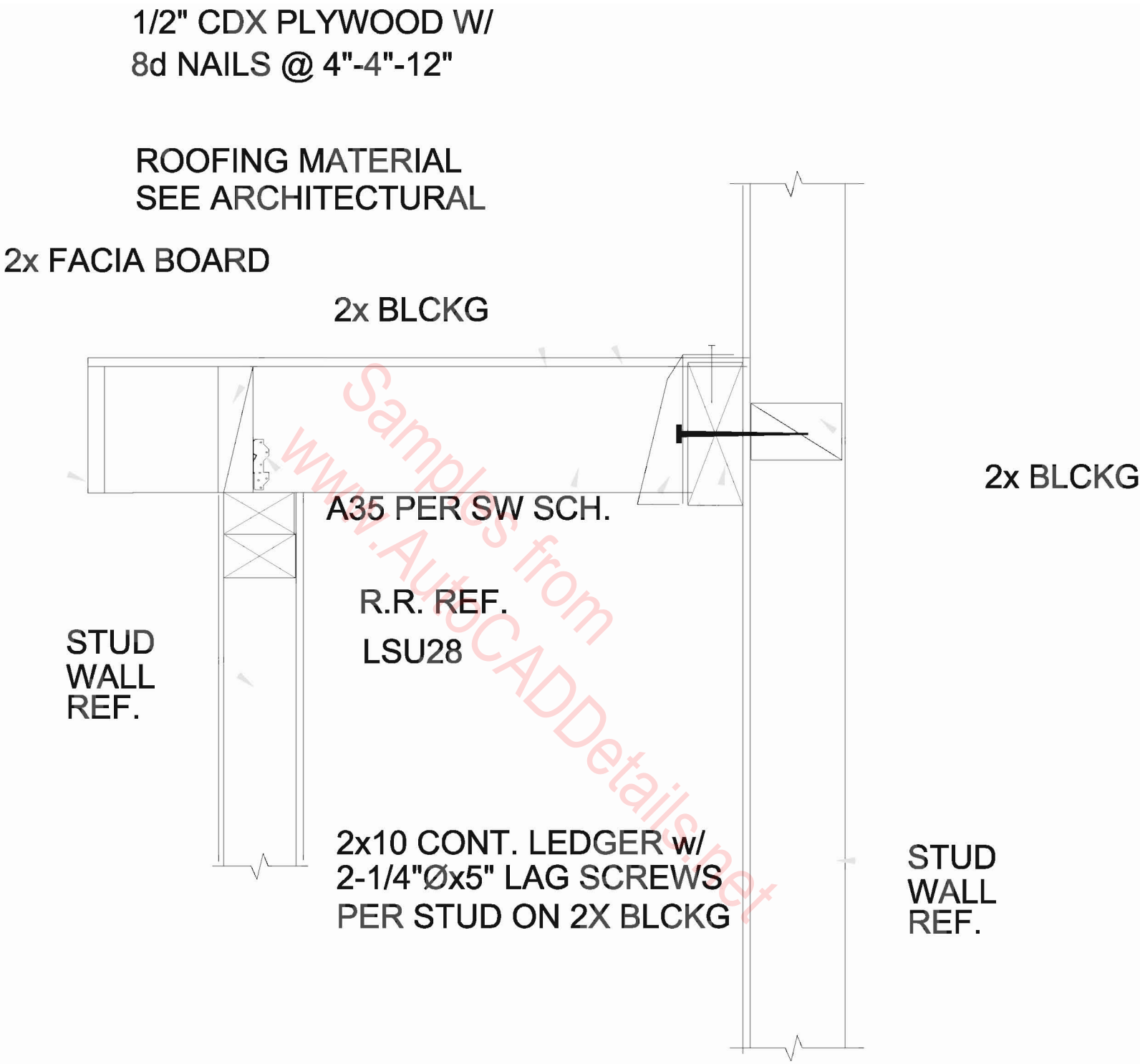
Samples from www.AutoCADDetails.net

FLAGPOLE POST-FOOTING DETAIL



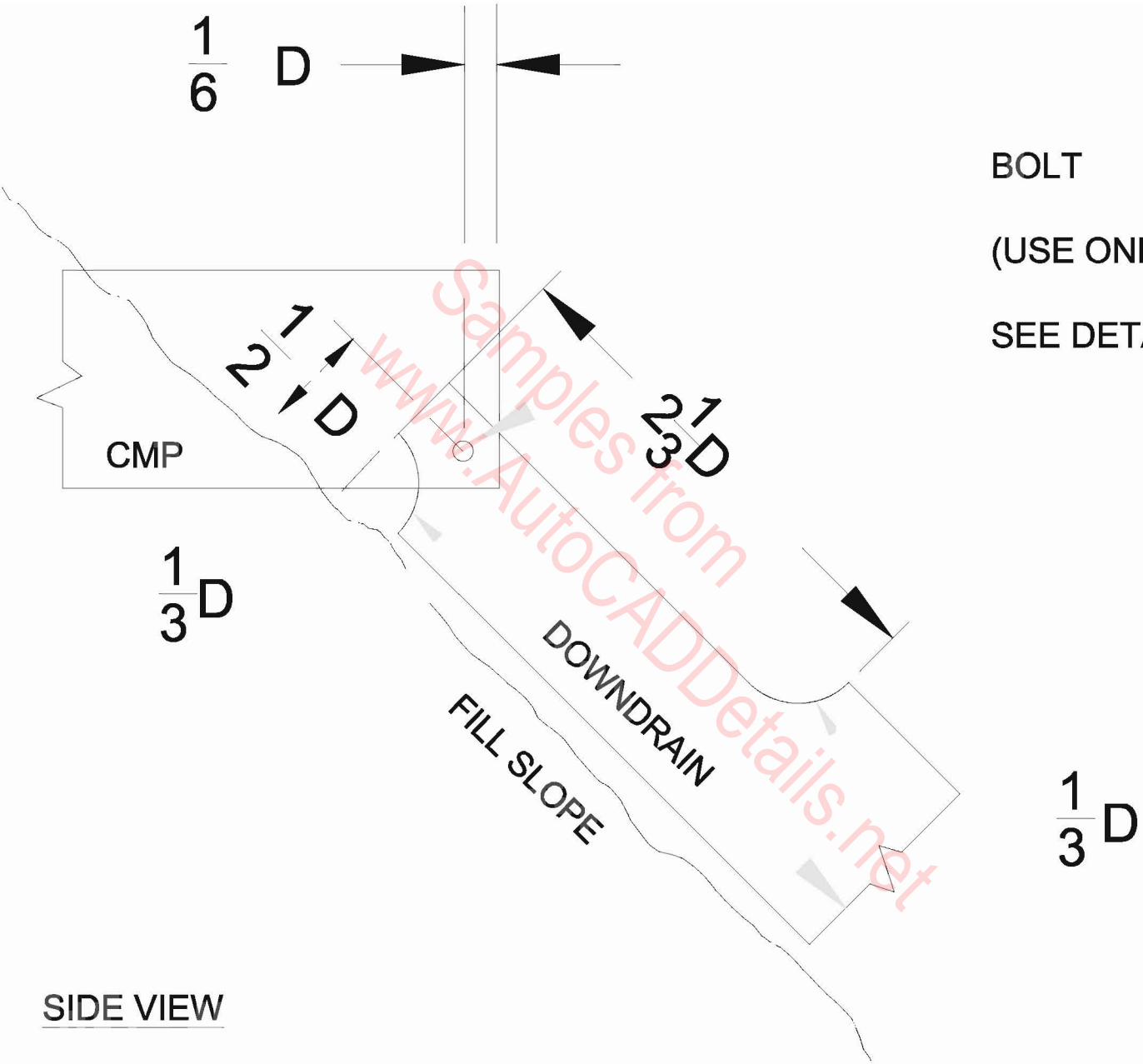
Samples from
www.AutoCADDetails.net

Plan View
Flat ICF Wall System Requirements



Samples from www.AutoCADDetails.net

FLAT RR - LEDGER CONN.DETAIL



Samples from www.AutoCADDetails.net

FLEX ELBOW DETAIL

Gypsum wall board.

16d Nails board.

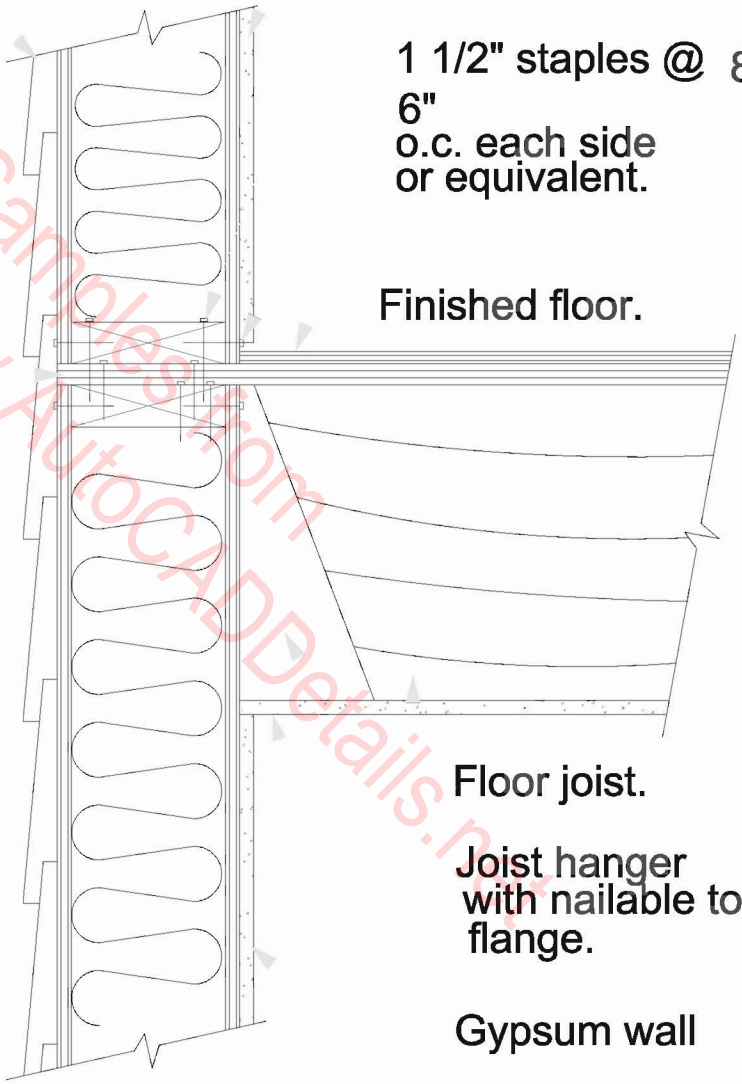
into floor joist as req'd by code.

Exterior finish & underlayment as req'd by code.

1 1/2" staples @ 6" o.c. each side or equivalent.

8d Nails or 14 ga.

Finished floor.



Subfloor extended to outside of wall panel. Nail to top plate with 8d nails at 12"o.c., staggered.

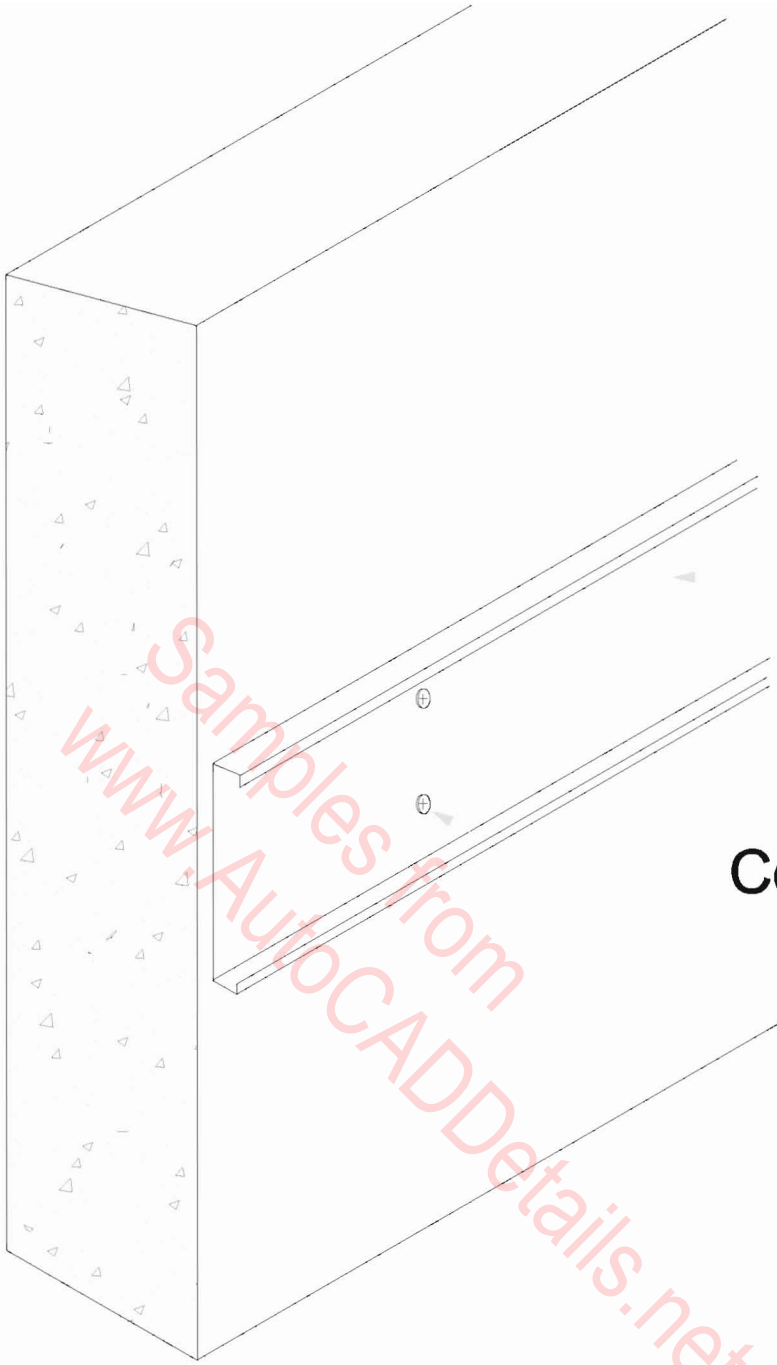
Floor joist.

Joist hanger with nailable top flange.

Gypsum wall

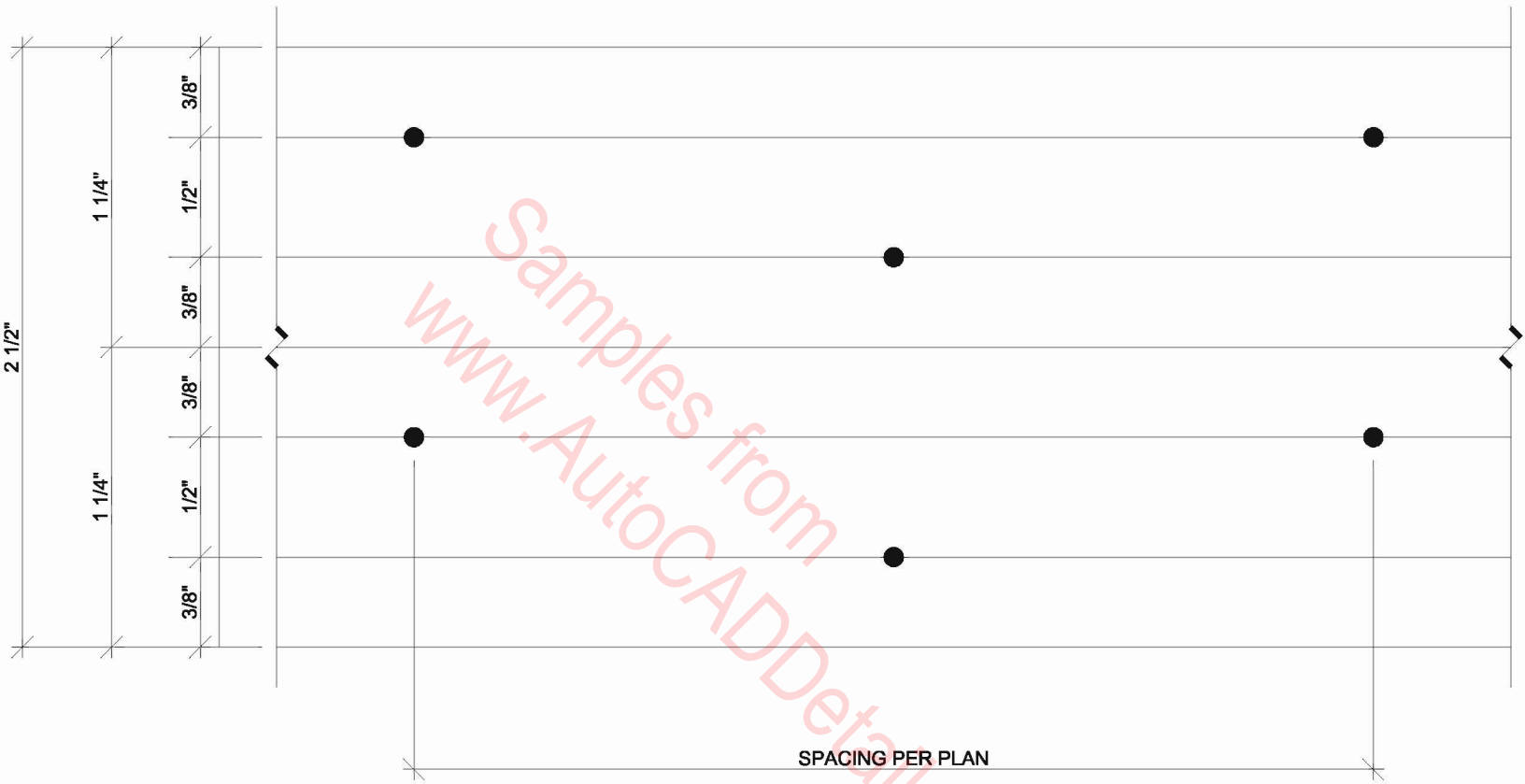
Samples from www.AutoCADDetails.net

Floor Joist Hanger and Wall



Samples from
www.AutoCADDetails.net

FLOOR JOIST SUPPORT AT CONTINUOUS WALL



Samples from www.AutoCADDetails.net

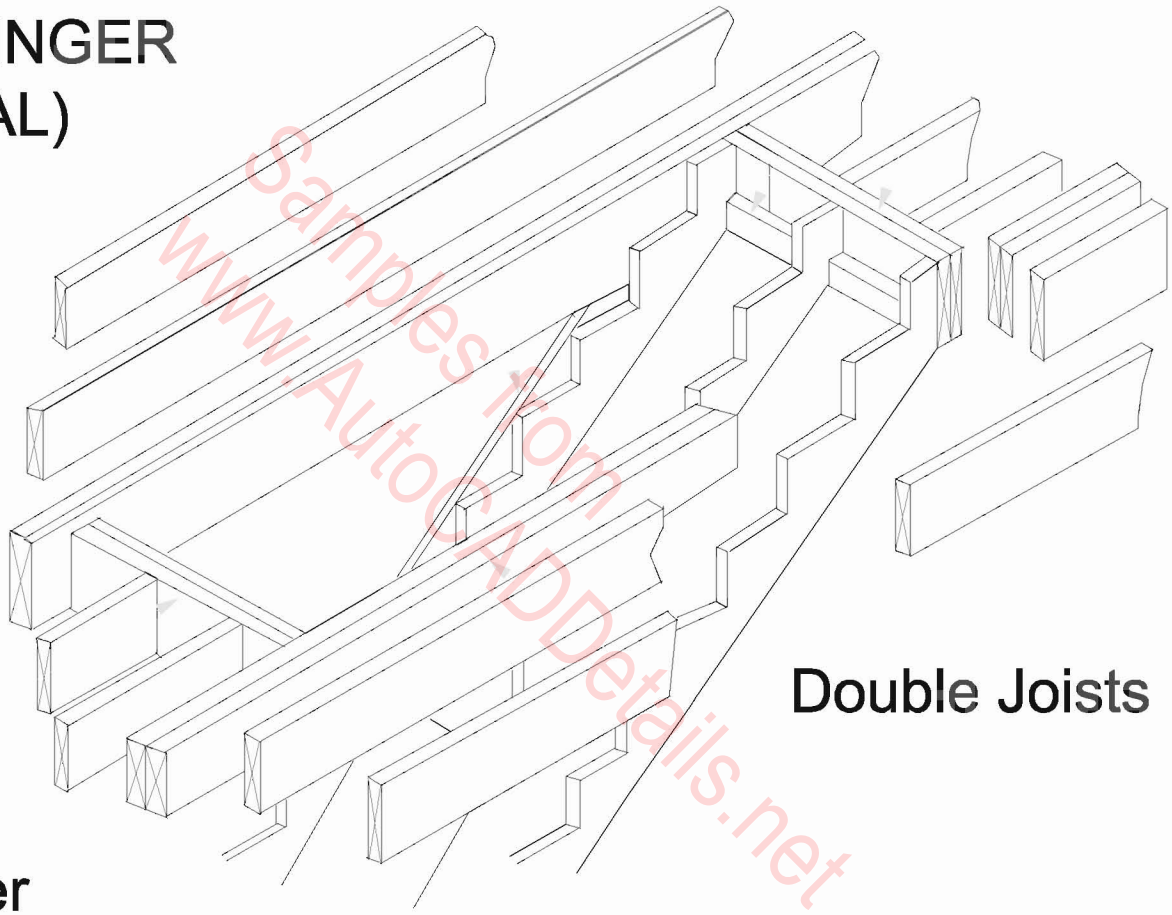
NOTE: SPACE PANEL END AND EDGE JOINTS 1/8". REDUCE SPACING BETWEEN LINES OF NAILS AS NECESSARY TO MAINTAIN MINIMUM 3/8" FASTENER EDGE MARGINS, MINIMUM SPACING BETWEEN LINES IS 3/8".

3/4" FLOOR/LOW ROOF SHTG. PANEL JOINTS

SOLID UNCUT
STRINGER
ALONG WITH
CUT STRINGER
(OPTIONAL)

2' x 4" Ledger

Header



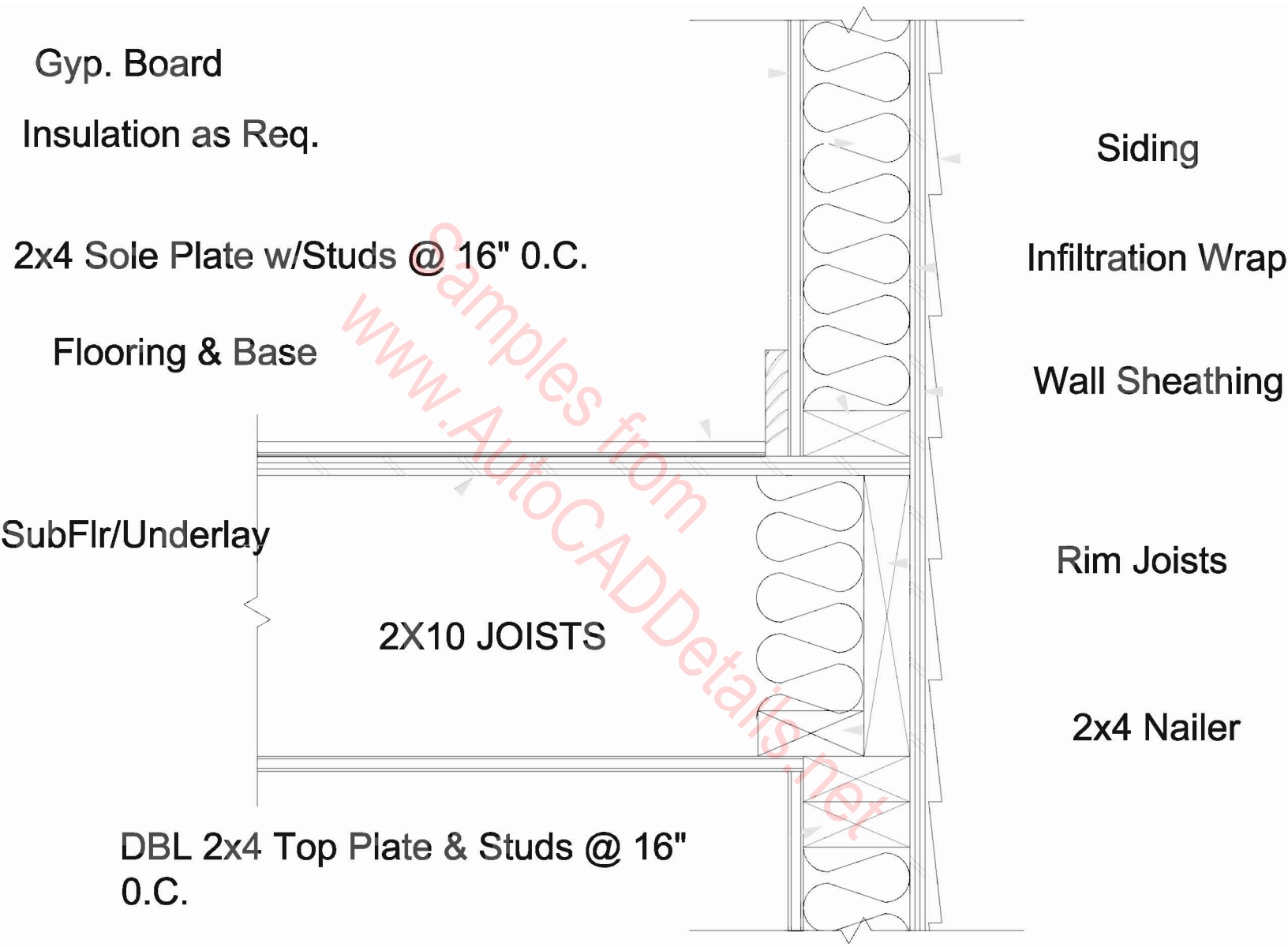
Double Joists

Header

JOIST PARALLEL
TO STAIRS

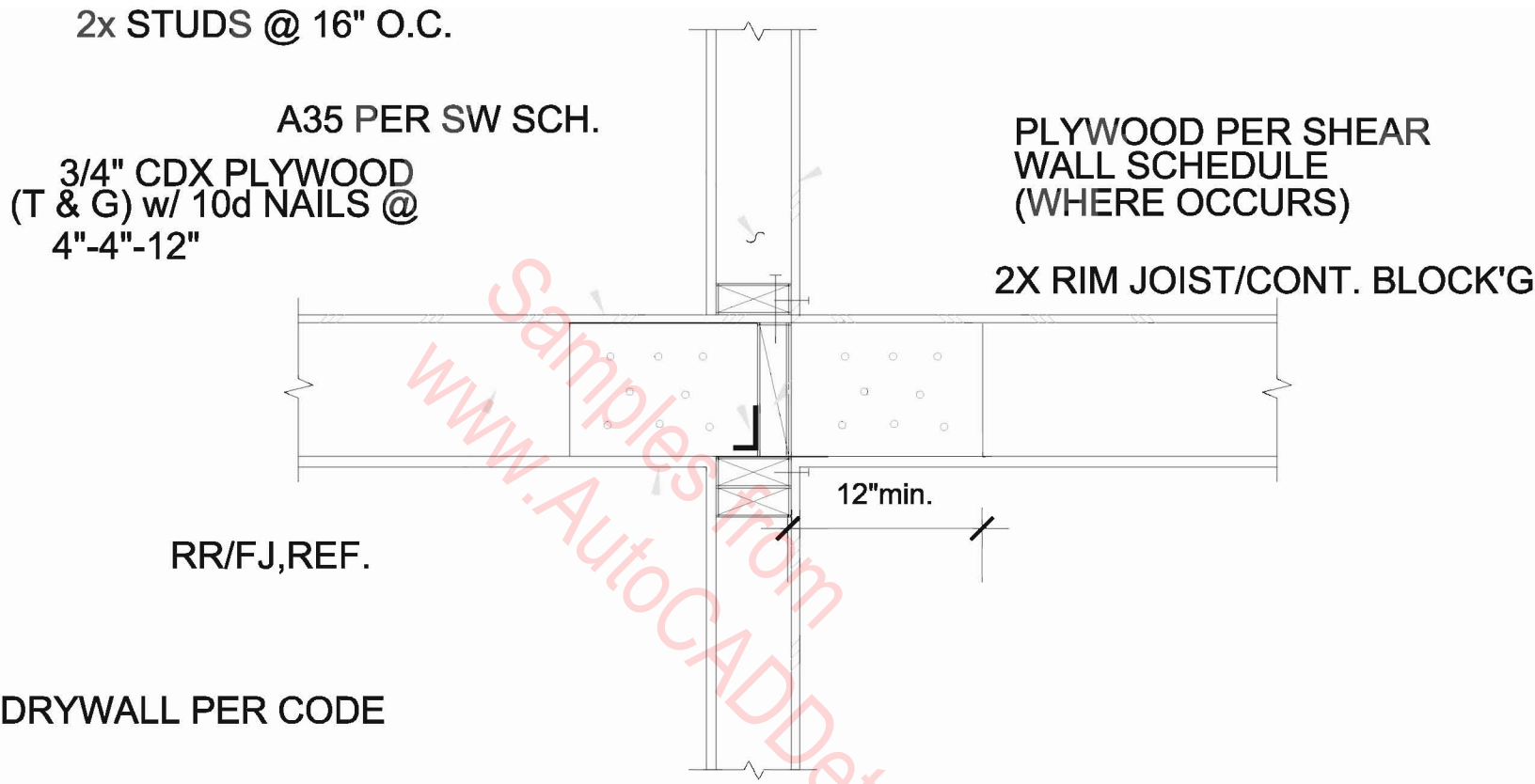
FLOOR OPENINGS

Samples from
www.AutoCADDetails.net



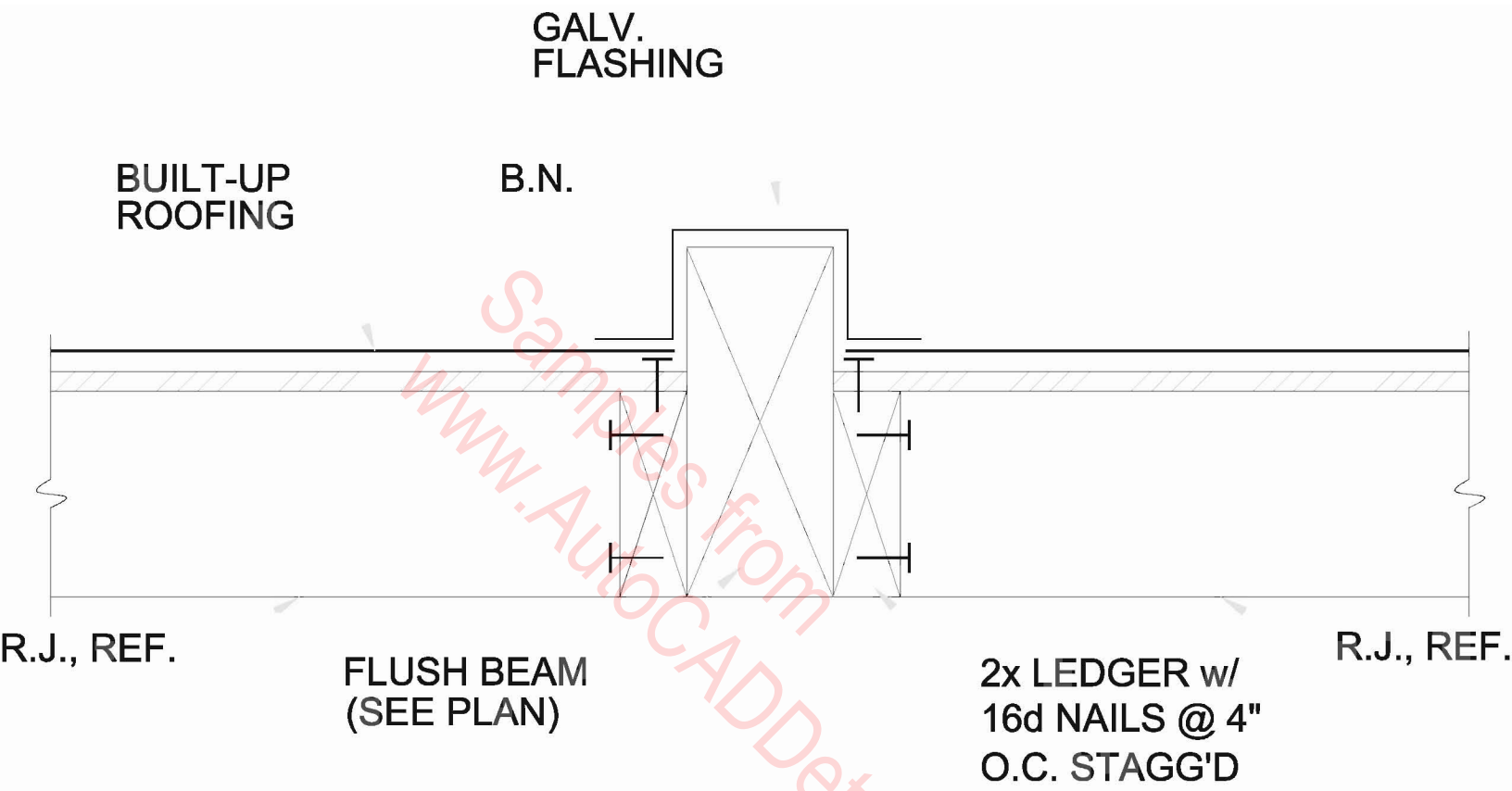
Samples from www.AutoCADDetails.net

FLOOR: 2X4 w/ SIDING



Samples from www.AutoCADDetails.net

FLOOR/ROOF JOIST SPLICE DETAIL



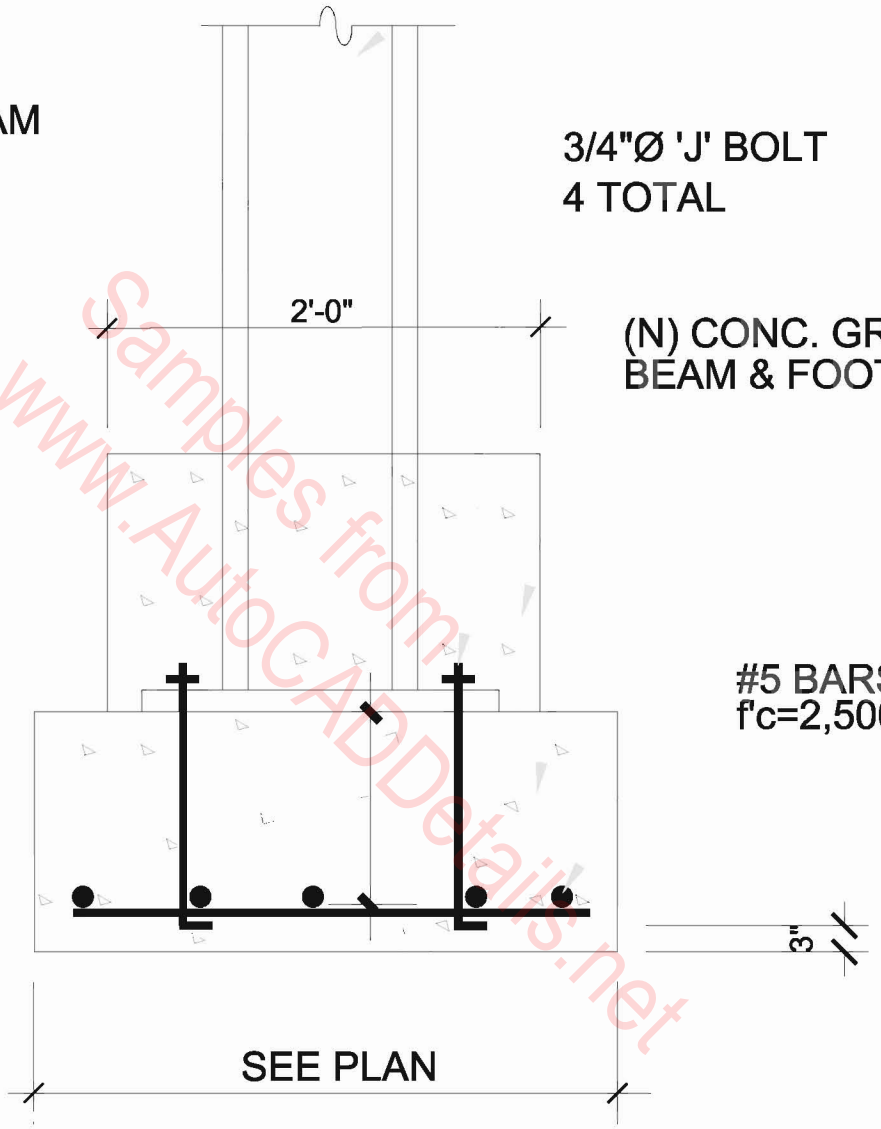
Samples from
www.AutoCADDetails.net

FLUSH BEAM-FJ DETAIL

POST,REF.

WIDEN GRADE BEAM
TO ACCOMODATE
BASE PLATE AS
NEEDED

3/4"Ø 'J' BOLT
4 TOTAL



Samples from
www.AutoCADDetails.net

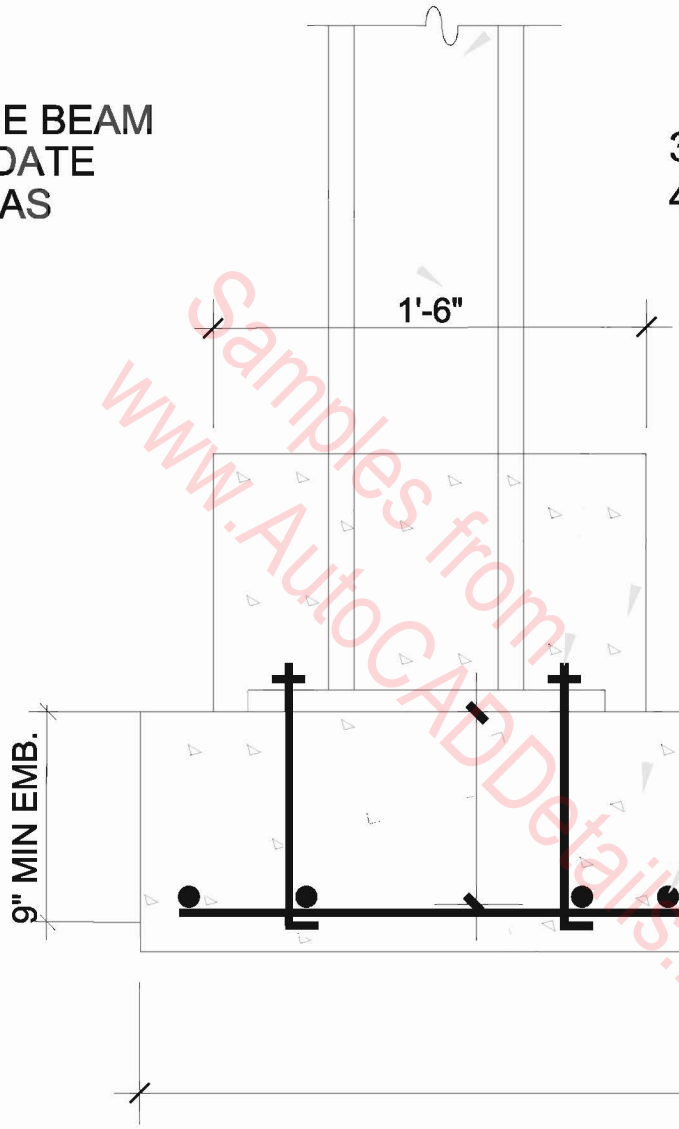
SOME INFORMATION NOT SHOWN FOR CLARITY

FOOTING DETAIL

POST,REF.

WIDEN GRADE BEAM
TO ACCOMODATE
BASE PLATE AS
NEEDED

3/4"Ø 'J' BOLT
4 TOTAL



(N) CONC. GRADE
BEAM & FOOTING REF.

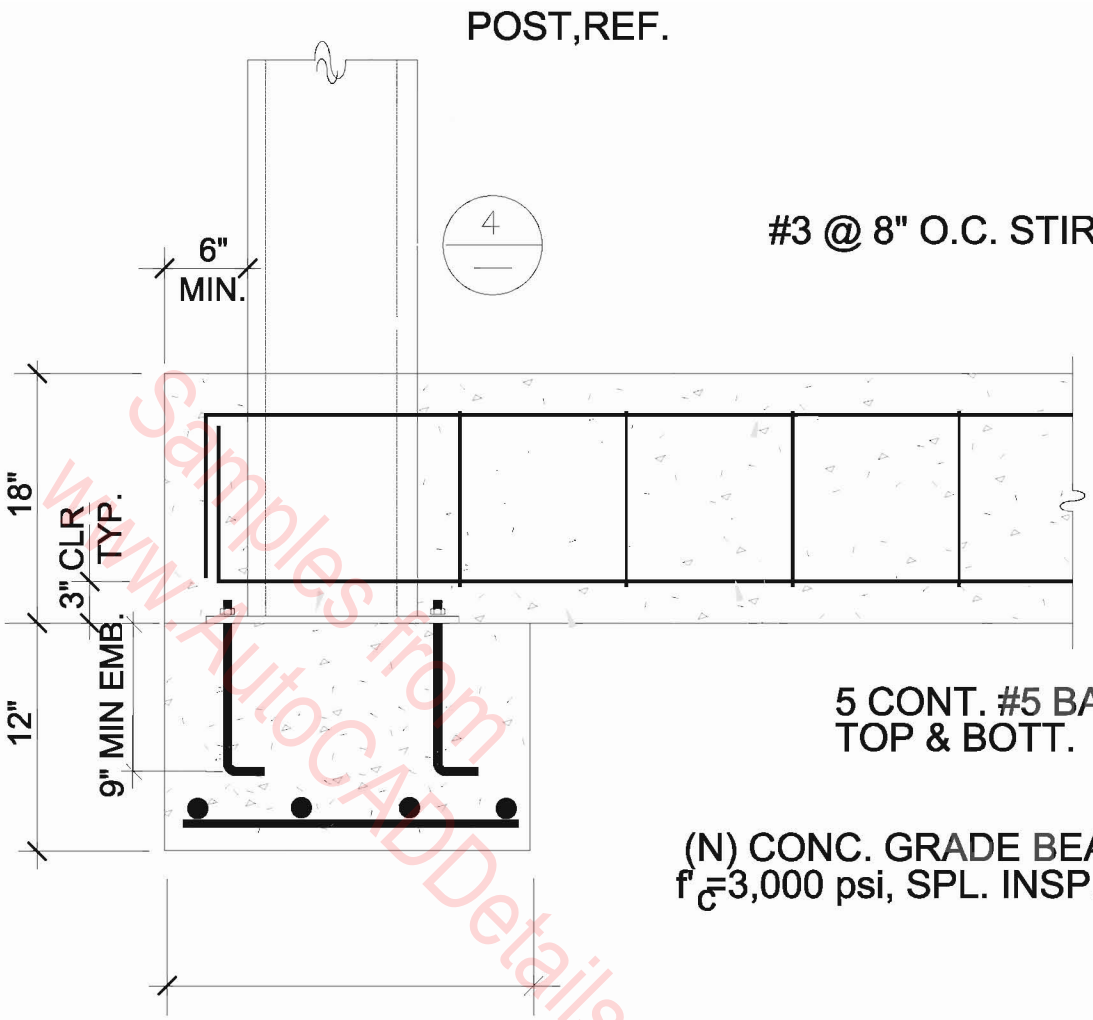
#4 BARS EA. WAY, REF.
f'c=2,500 PSI

PROVIDE 1" DRYPACK UNDER BASE PLATE.

SOME INFORMATION NOT SHOWN FOR CLARITY

FOOTING DETAIL

Samples from www.AutoCADDetails.net



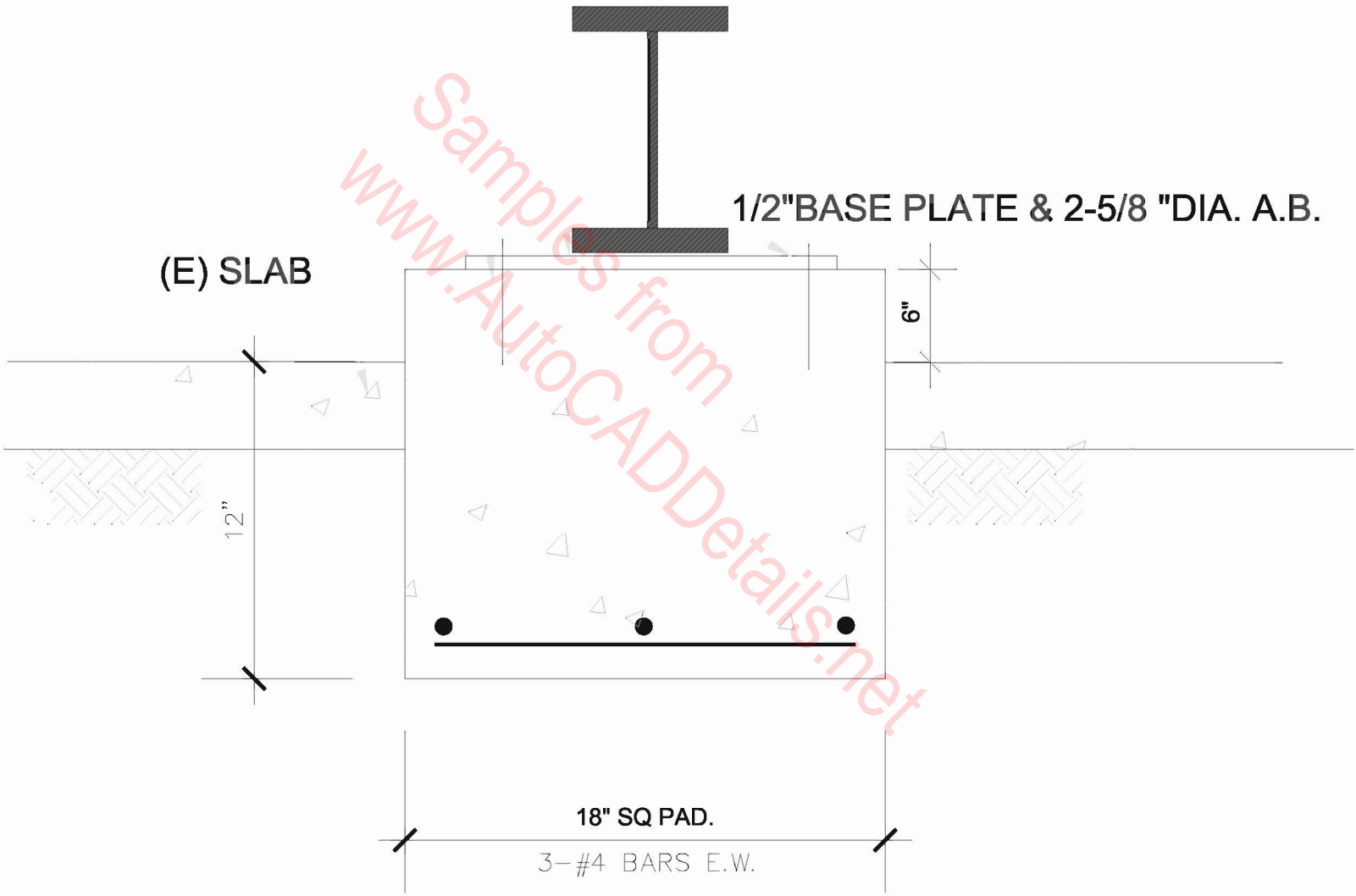
Samples from
www.AutoCADDetails.net

PROVIDE 1" DRYPACK UNDER BASE PLATE.
SOME INFORMATION NOT SHOWN FOR CLARITY

FOOTING DETAIL

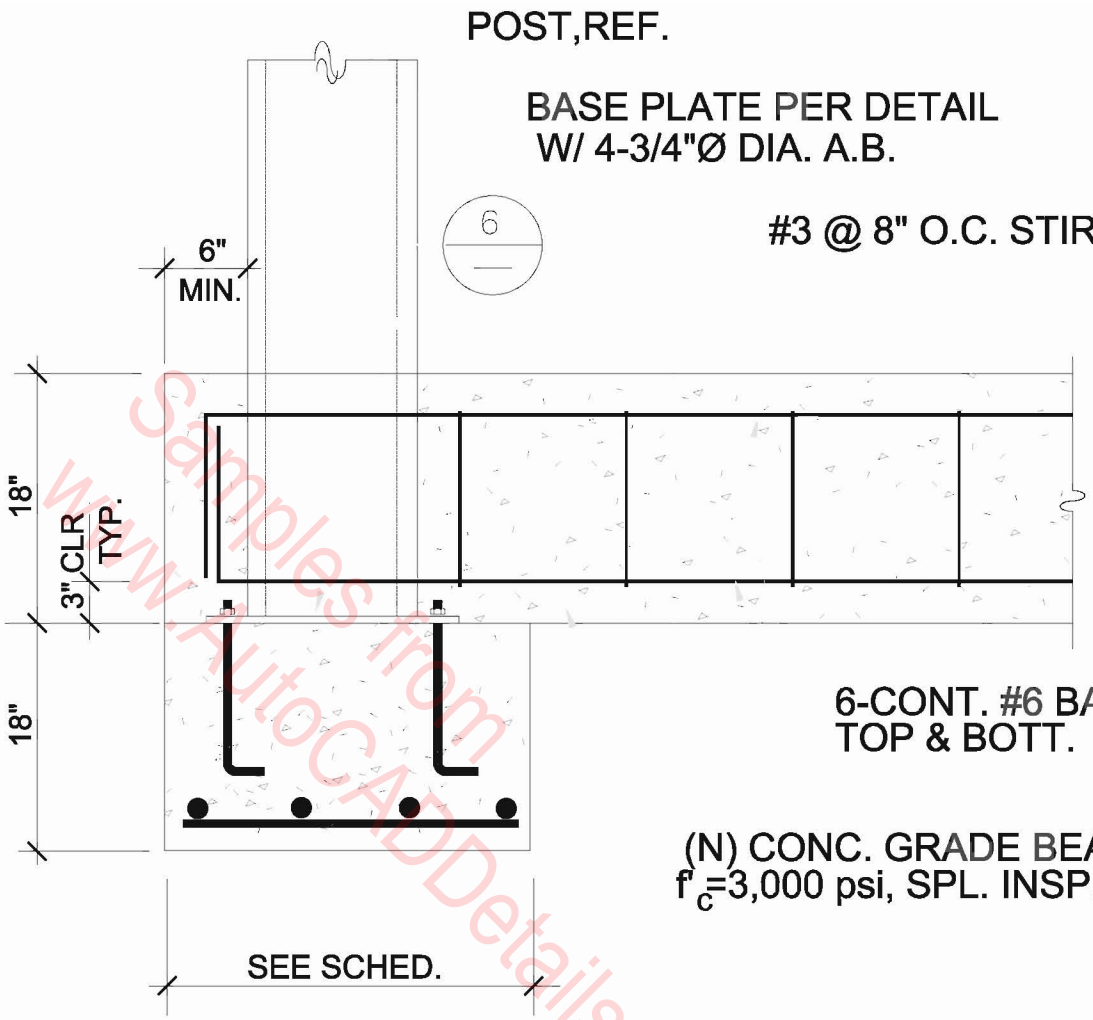
1/4"

CONC. PAD FOOTING
f'c=2,500 PSI



Samples from
www.AutoCADDetails.net

FOOTING DETAIL



Samples from www.AutoCADDetails.net

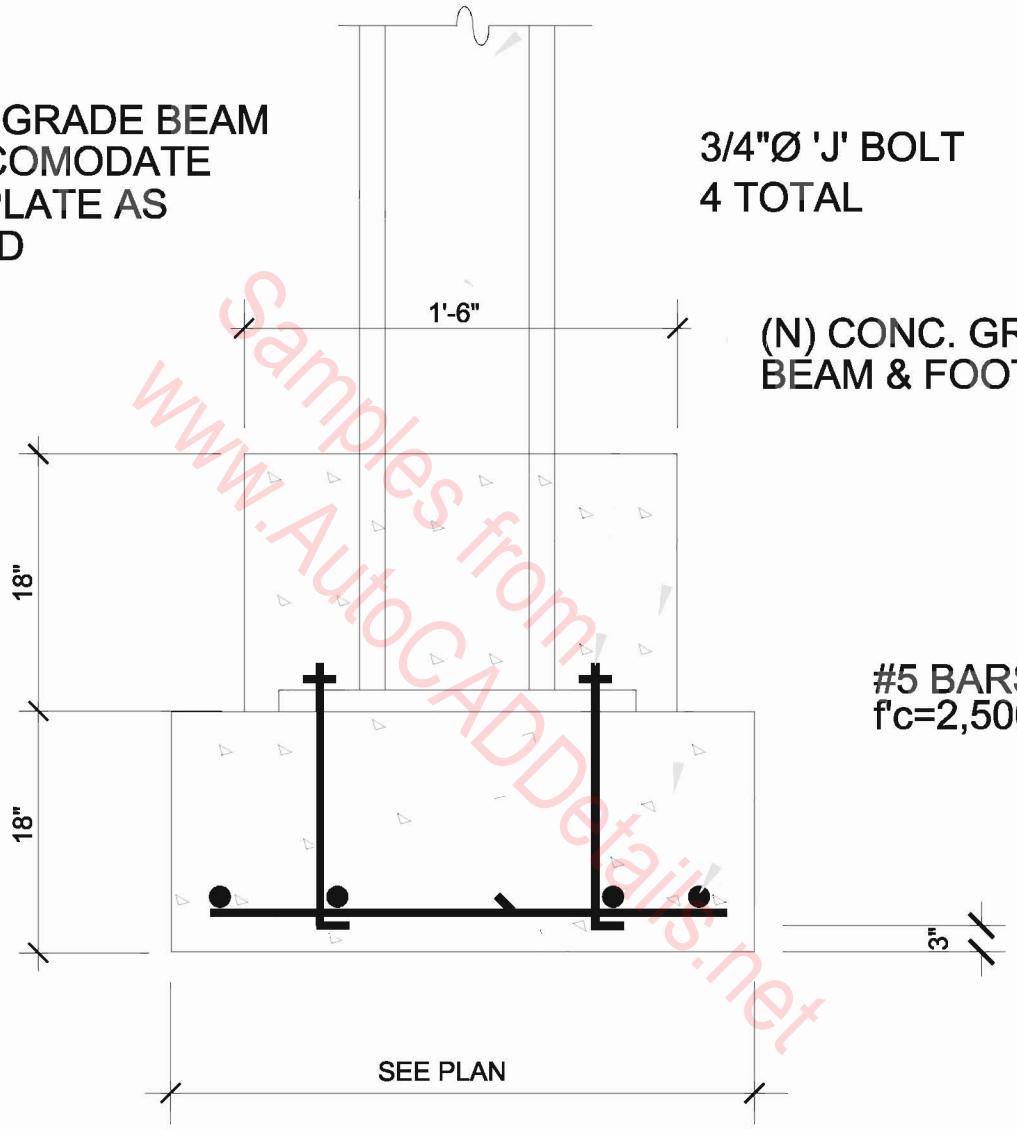
PROVIDE 1" DRYPACK UNDER BASE PLATE.
SOME INFORMATION NOT SHOWN FOR CLARITY

FOOTING DETAIL

POST,REF.

WIDEN GRADE BEAM
TO ACCOMODATE
BASE PLATE AS
NEEDED

3/4"Ø 'J' BOLT
4 TOTAL



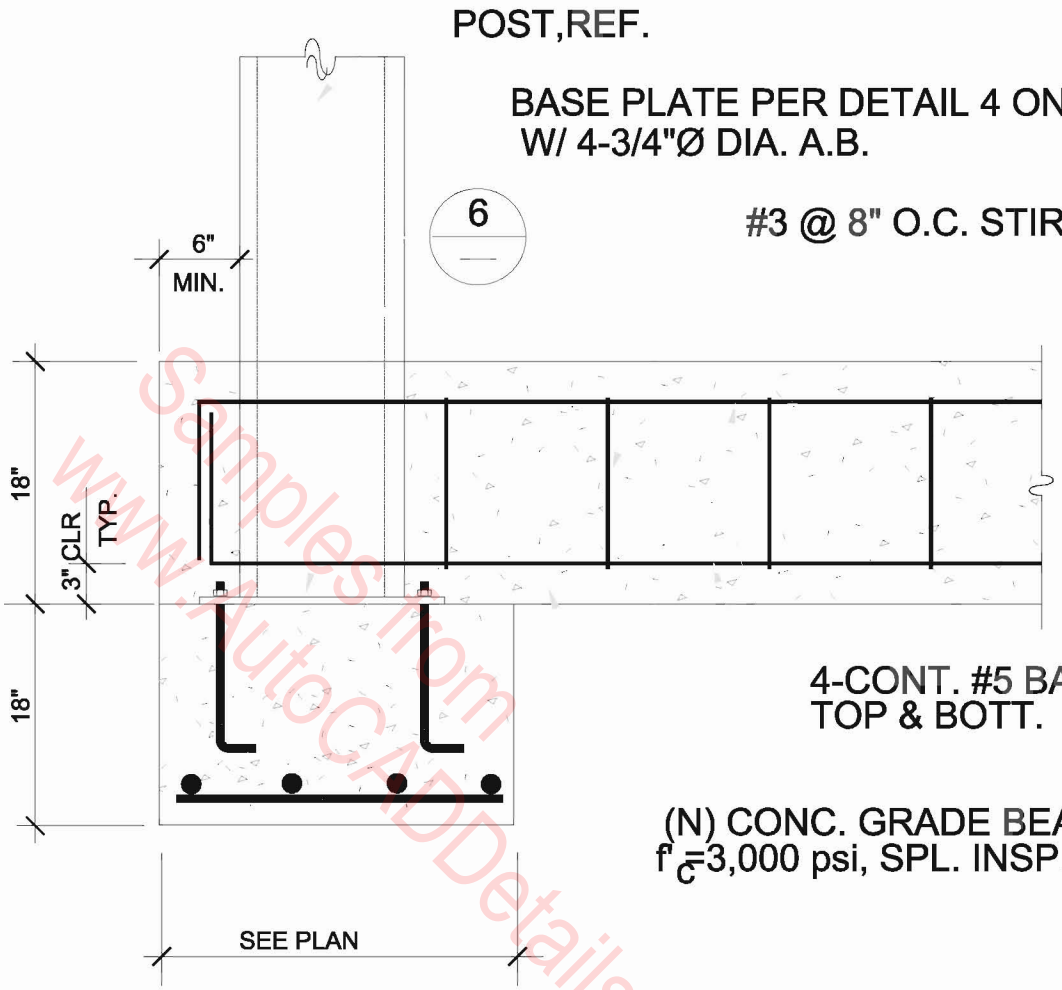
(N) CONC. GRADE
BEAM & FOOTING REF.

#5 BARS EA. WAY, REF.
f'c=2,500 PSI

Samples from
www.AutoCADDetails.net

SOME INFORMATION NOT SHOWN FOR CLARITY

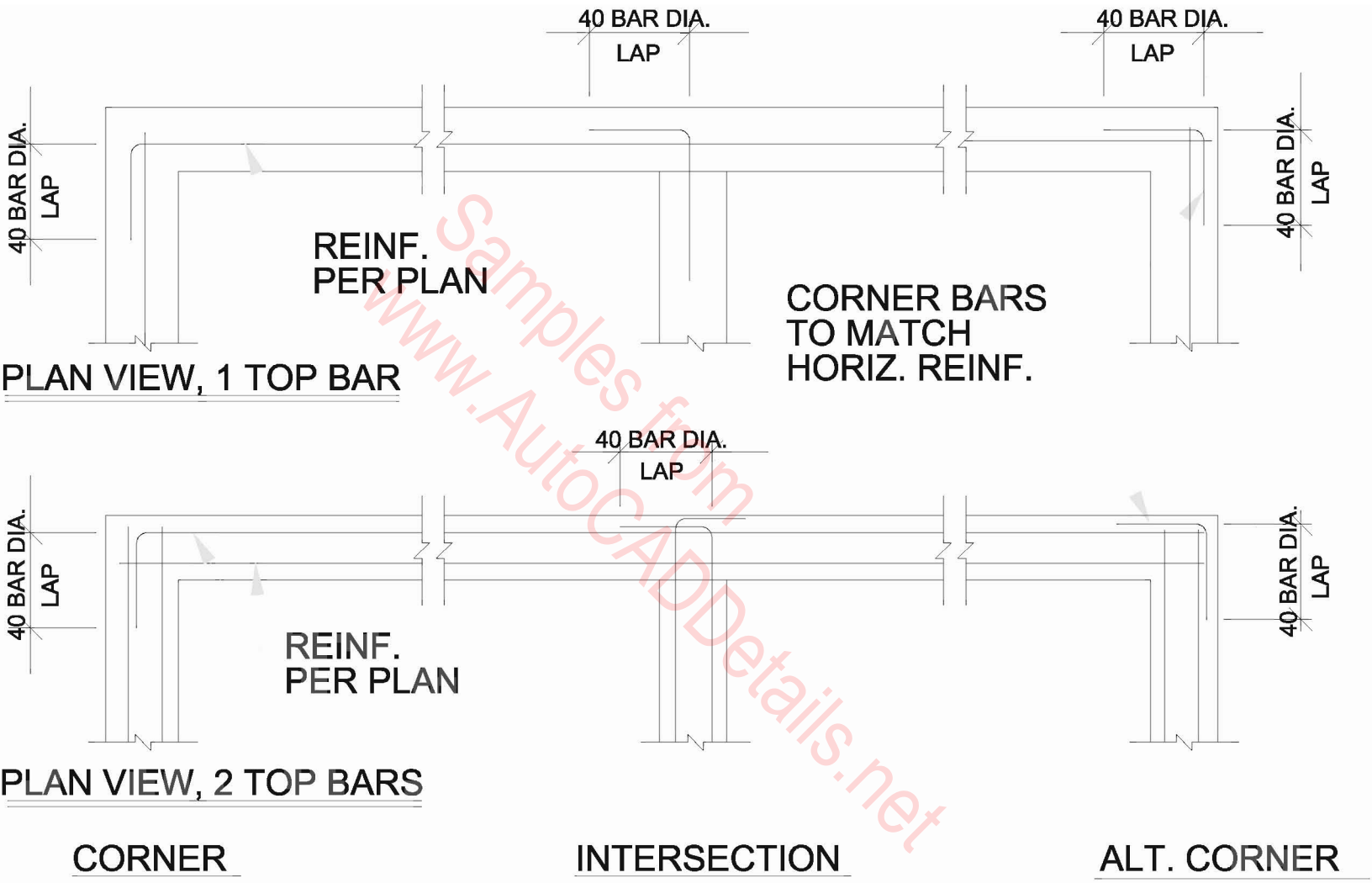
FOOTING DETAIL



Samples from www.AutoCADDetails.net

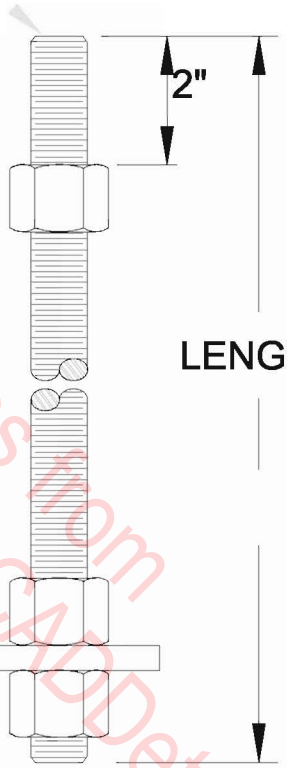
PROVIDE 1" DRYPACK UNDER BASE PLATE.
SOME INFORMATION NOT SHOWN FOR CLARITY

FOOTING DETAIL



Samples from www.AutoCADDetails.net

FOOTING REINFORCEMENT LAYOUT (FRL)



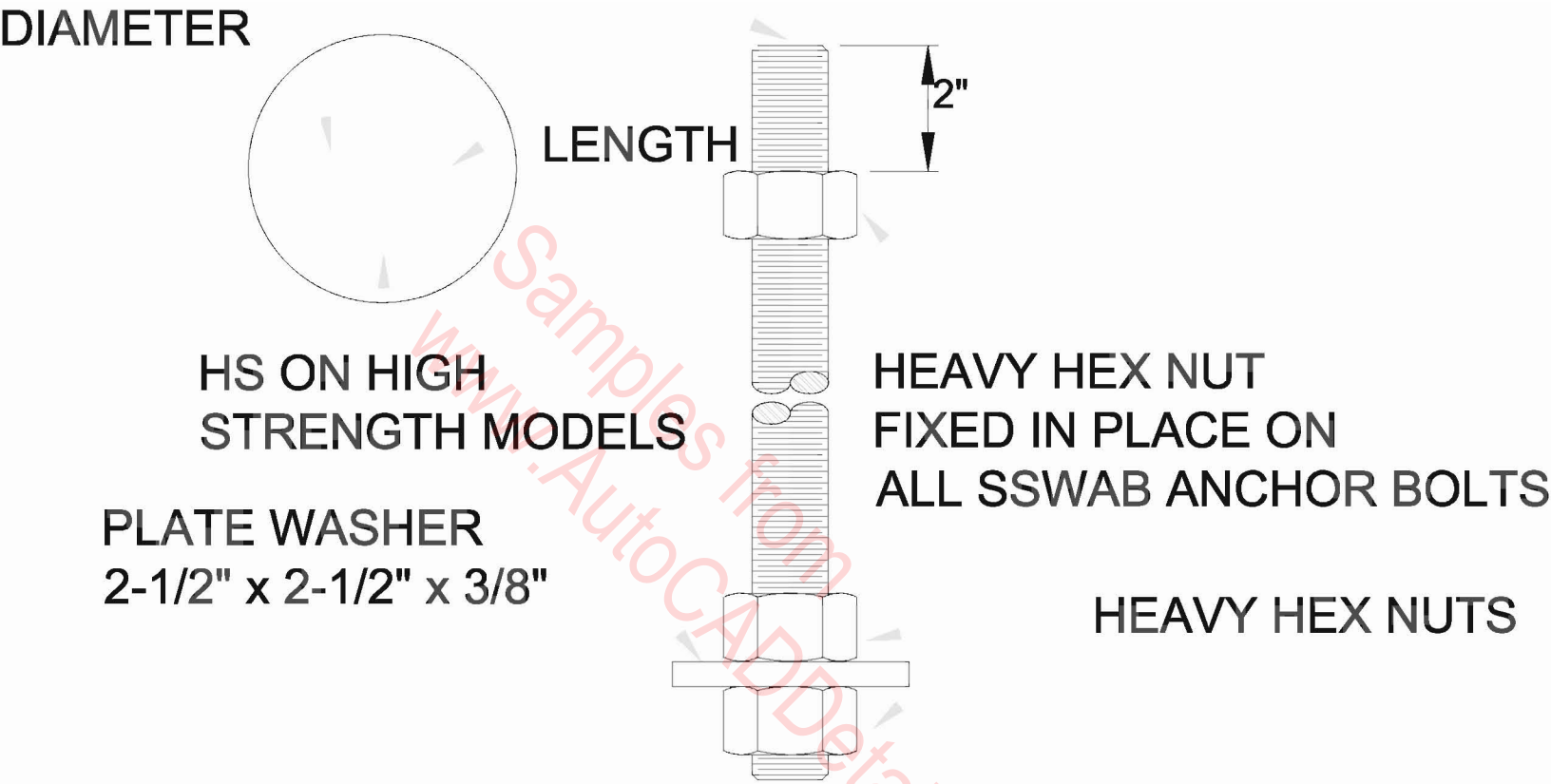
HEAVY HEX NUTS

PLATE WASHER
1-3/4" x 1-3/4" x 1/4"

FOR 12" WIDE
STEEL STRONG-WALL MODELS

MODEL NO.	DIA.	LENGTH
SSWAB3/4x24	3/4"	24"
SSWAB3/4x24HS	3/4"	24"
SSWAB3/4x36HS	3/4"	36"

Samples from www.AutoCADDetails.net

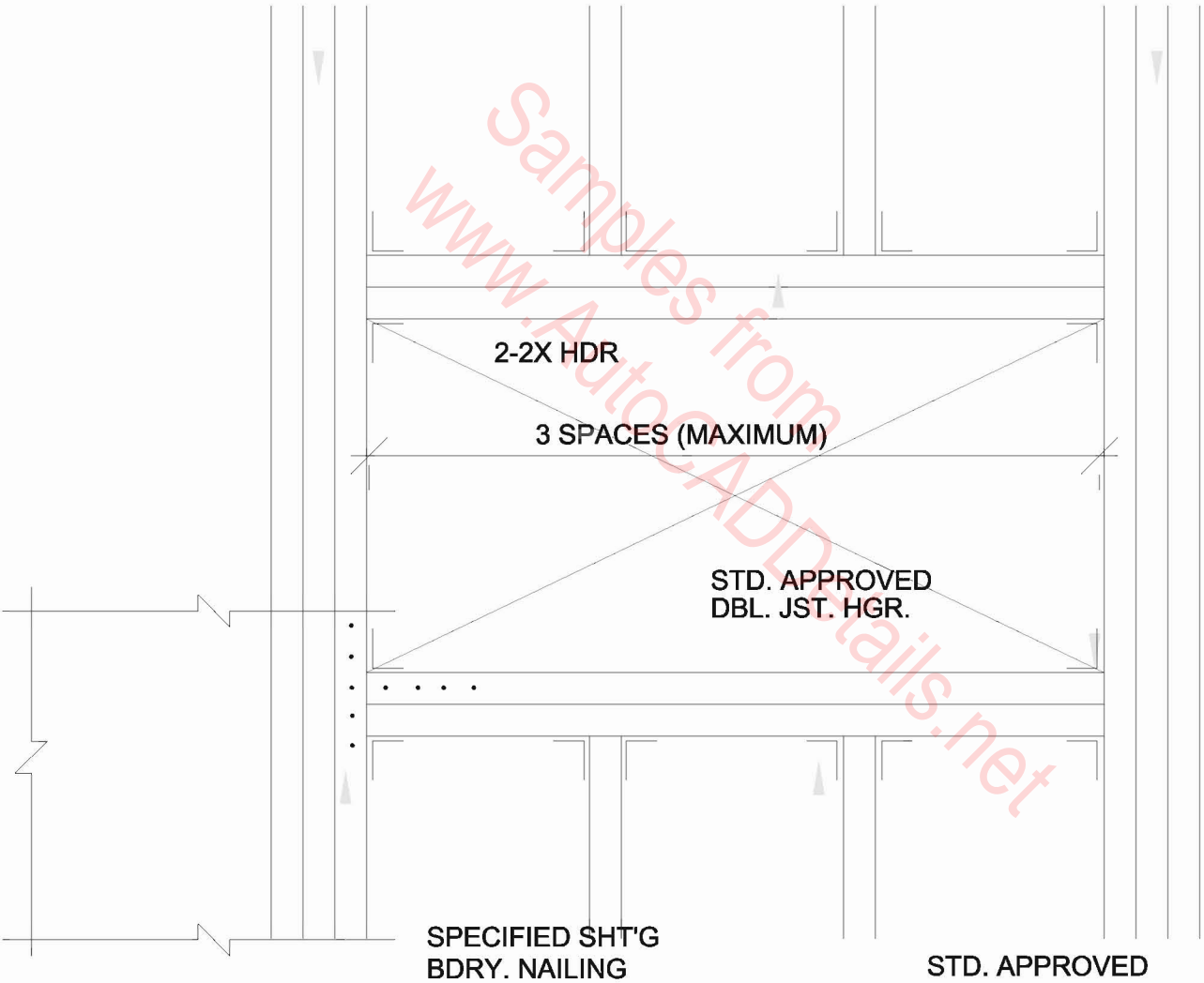


Samples from www.AutoCADDetails.net

FOR 15", 18", 21", AND 24" WIDE
STEEL STRONG-WALL MODELS

MODEL NO.	DIA.	LENGTH
SSWAB1x24	1"	24"
SSWAB1x24HS	1"	24"
SSWAB1x36HS	1"	36"

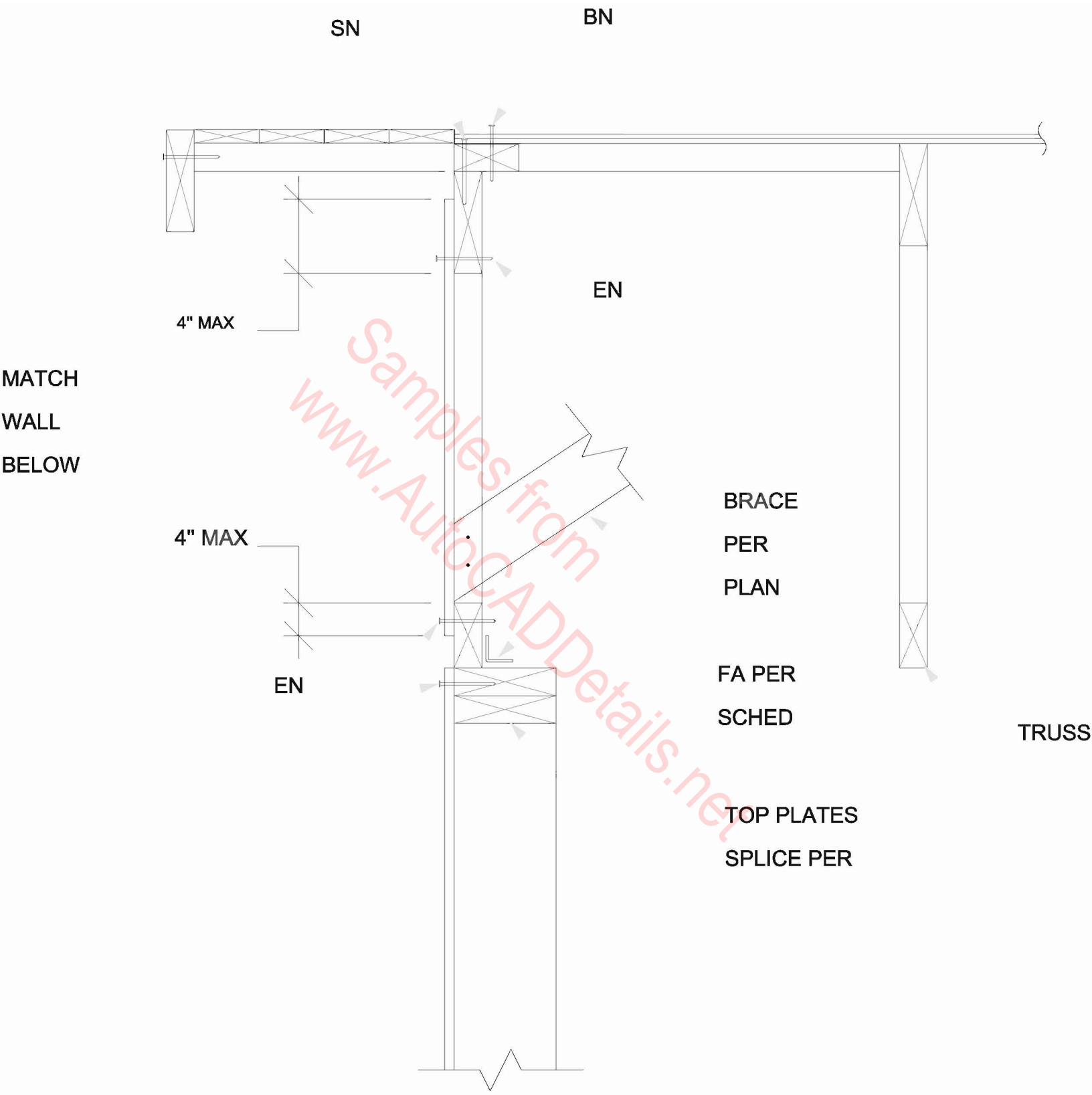
PROVIDE (TYP. EA. SIDE) 2-2X RAFTERS WHERE 1 RAFTER SPAN IS INTERUPTED BY OPN'G. 3-2X RAFTERS WHERE 2 RAFTER SPANS ARE INTERUPTED BY OPN'G.



Samples from
www.AutoCADDetails.net

FRAMING AT ROOF OPENINGS

(OPNG-1)



Samples from
www.AutoCADDetails.net

Gable End Truss Over Shear Wall

20-GAUGE GALV.
STEEL FLASHING

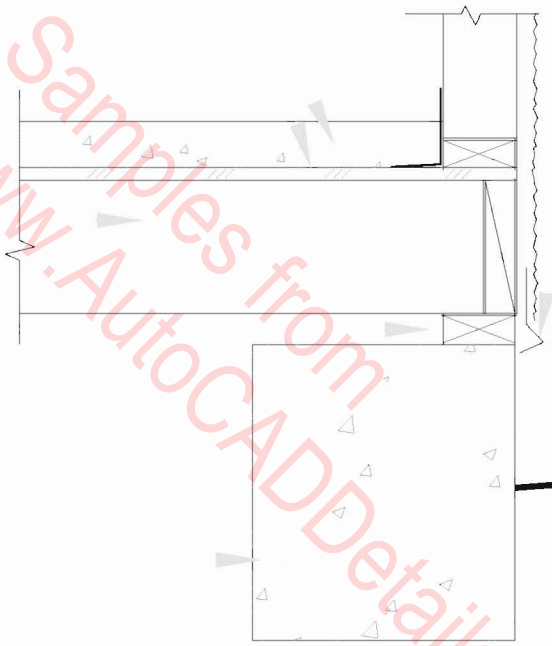
3" LIGHT WEIGHT CONCRETE

3/4" CDX PT PLYWOOD w/
10d NAILS @ 2"-4"-12" (P.T.)

FLOOR JOIST
REF.

3x4 SILL PLATE
P.T., w/ "J" BOLTS
(OR LTP4'S)
PER SHEAR WALL
SCHEDULE

GRADE BEAM, REF.
WHERE OCCURS
CMU WALL SIMILAR



7/8" STUCCO PER CODE

WEEP SCREED
MIN. 6" CLEAR TO GRADE

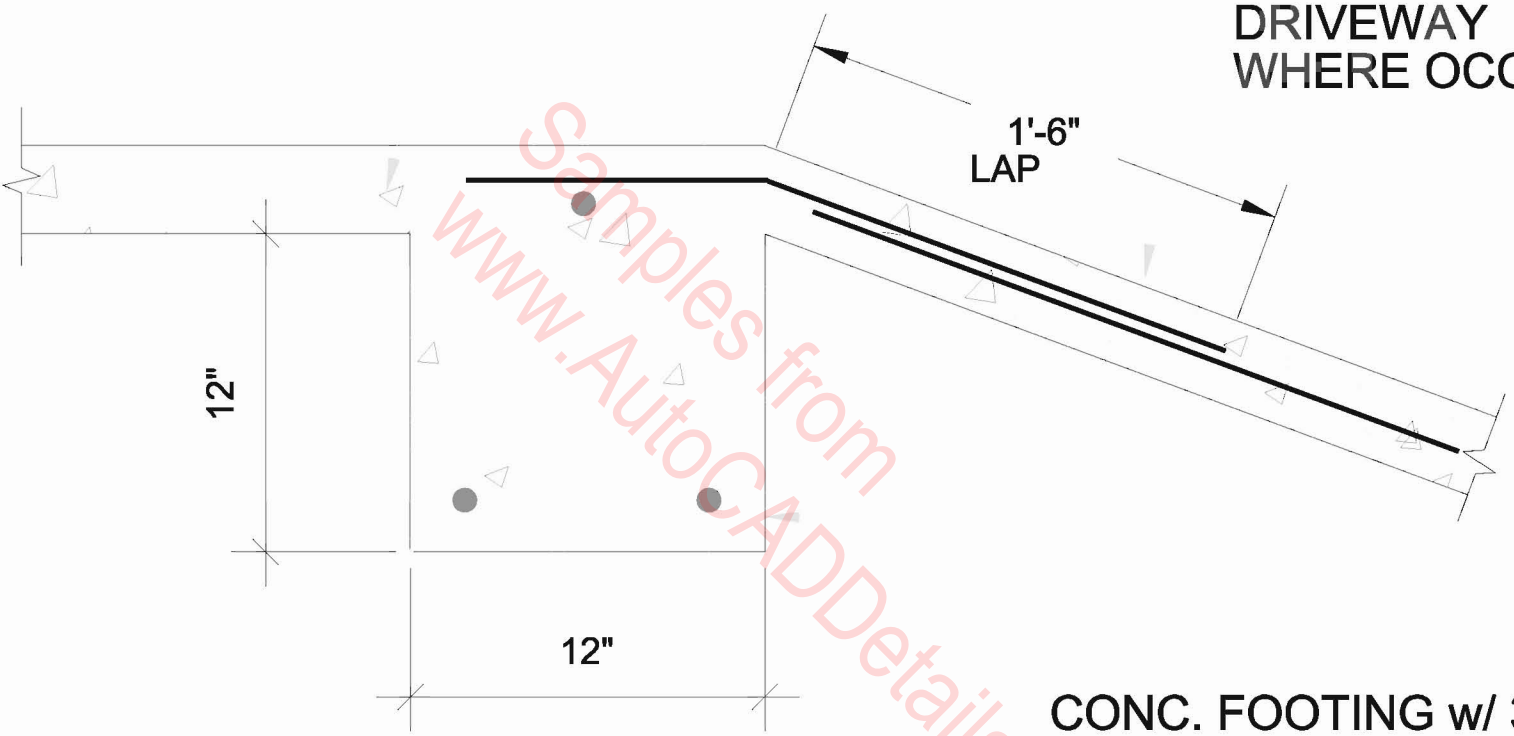
CONC. GRADE BEAM REF.
REF.

FINISH GRADE
WHERE OCCURS
6" MIN. CLR.
REQUIRED

Samples from
www.AutoCADDetails.net

GARAGE FLOOR

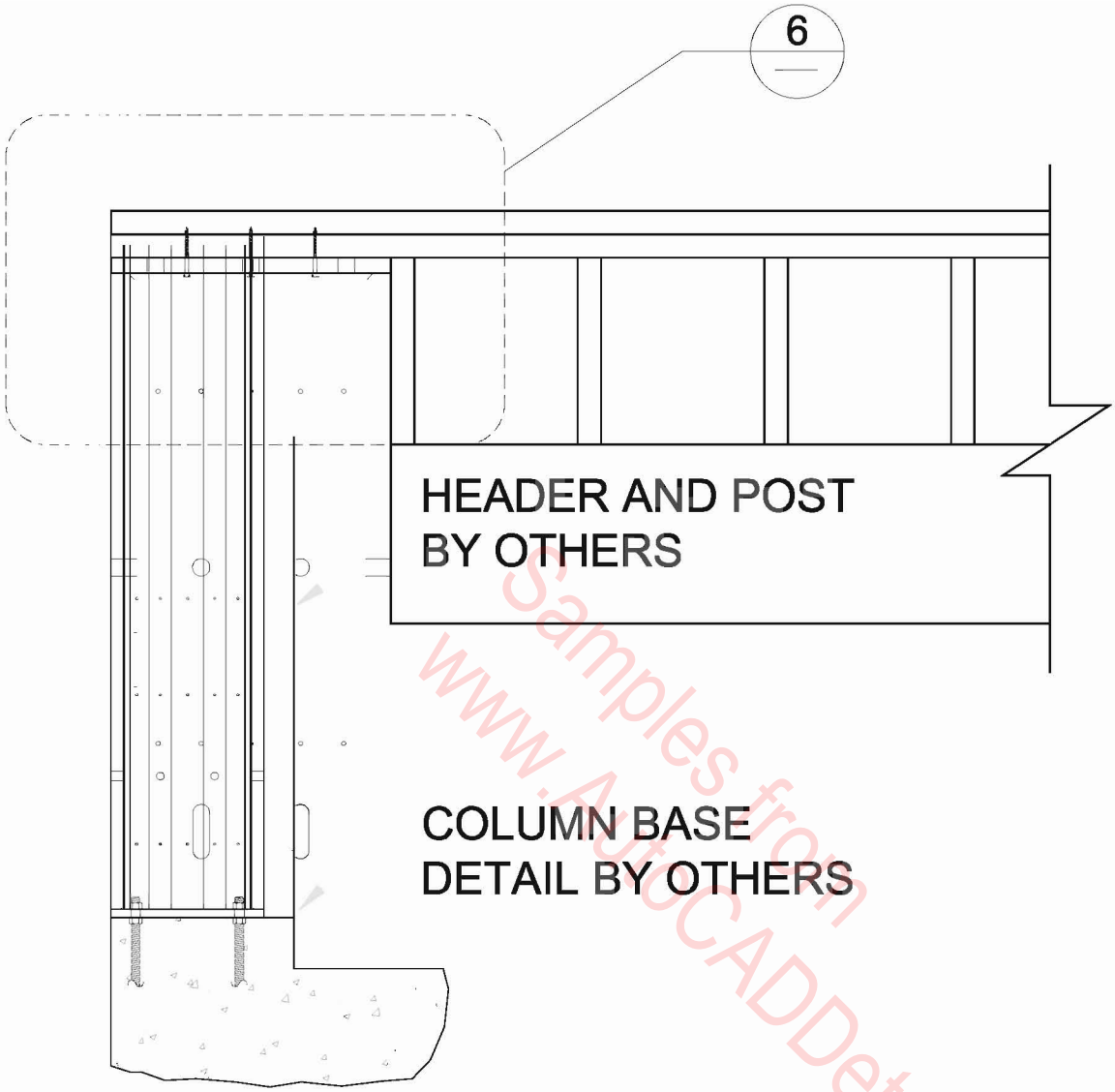
SLAB-ON-GRADE,
REF.



CONC. FOOTING w/ 3
CONT. #5 BARS
f'c=2,500 PSI

Samples from
www.AutoCADDetails.net

GARAGE GRADE BEAM



HEADER BY OTHERS
3 1/8" MIN. WIDTH

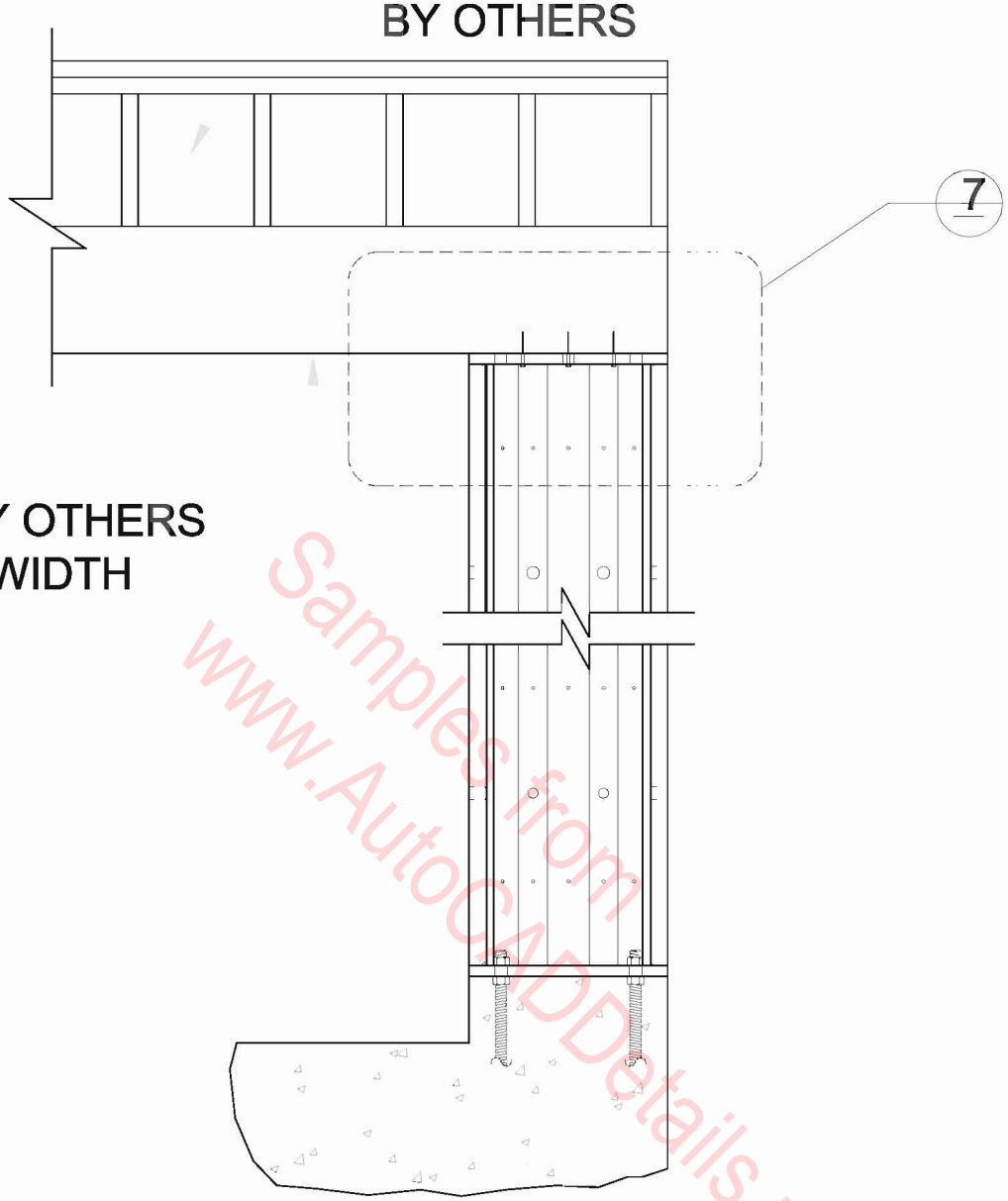
STEEL STRONG-WALL AT GARAGE

ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.

Samples from www.AutoCADDetails.net

GARAGE WALL OPTION 1

SHEAR TRANSFER
BY OTHERS



HEADER BY OTHERS
3 1/8" MIN. WIDTH

Samples from
www.AutoCADDetails.net

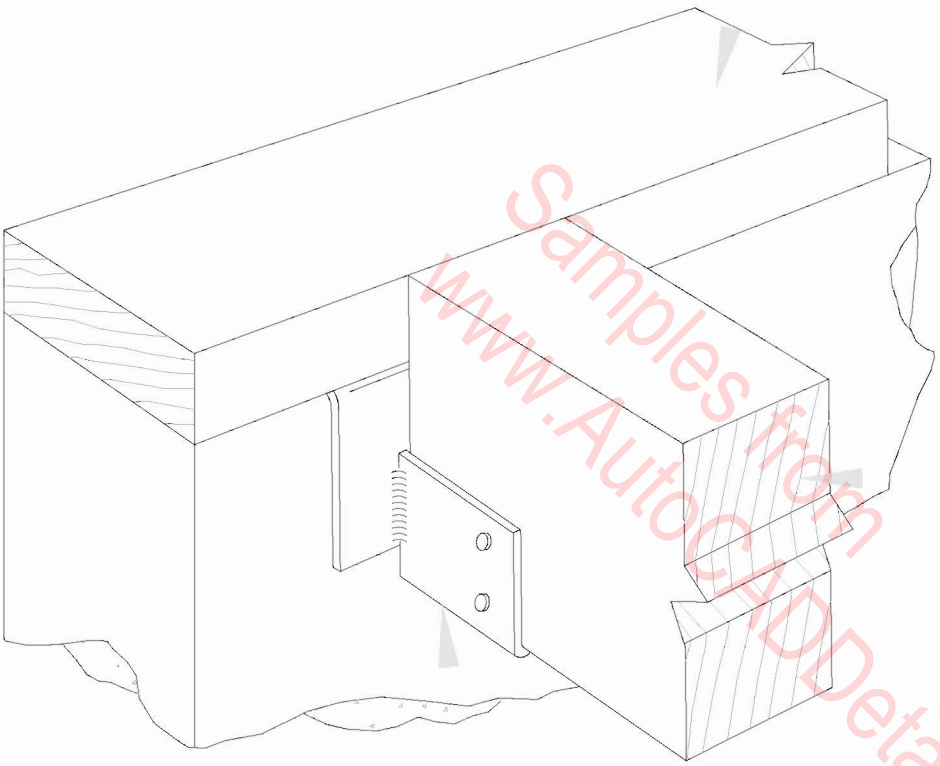
STEEL STRONG-WALL AT GARAGE

NOTE:
STEEL STRONG-WALL NOMINAL 7FT. HEIGHT WALLS ARE 80",
2" TALLER THAN ORIGINAL WOOD STRONG-WALL SHEARWALLS

GARAGE WALL OPTION 2

SILL PLATE, REF.

CONC. FOOTING, REF.

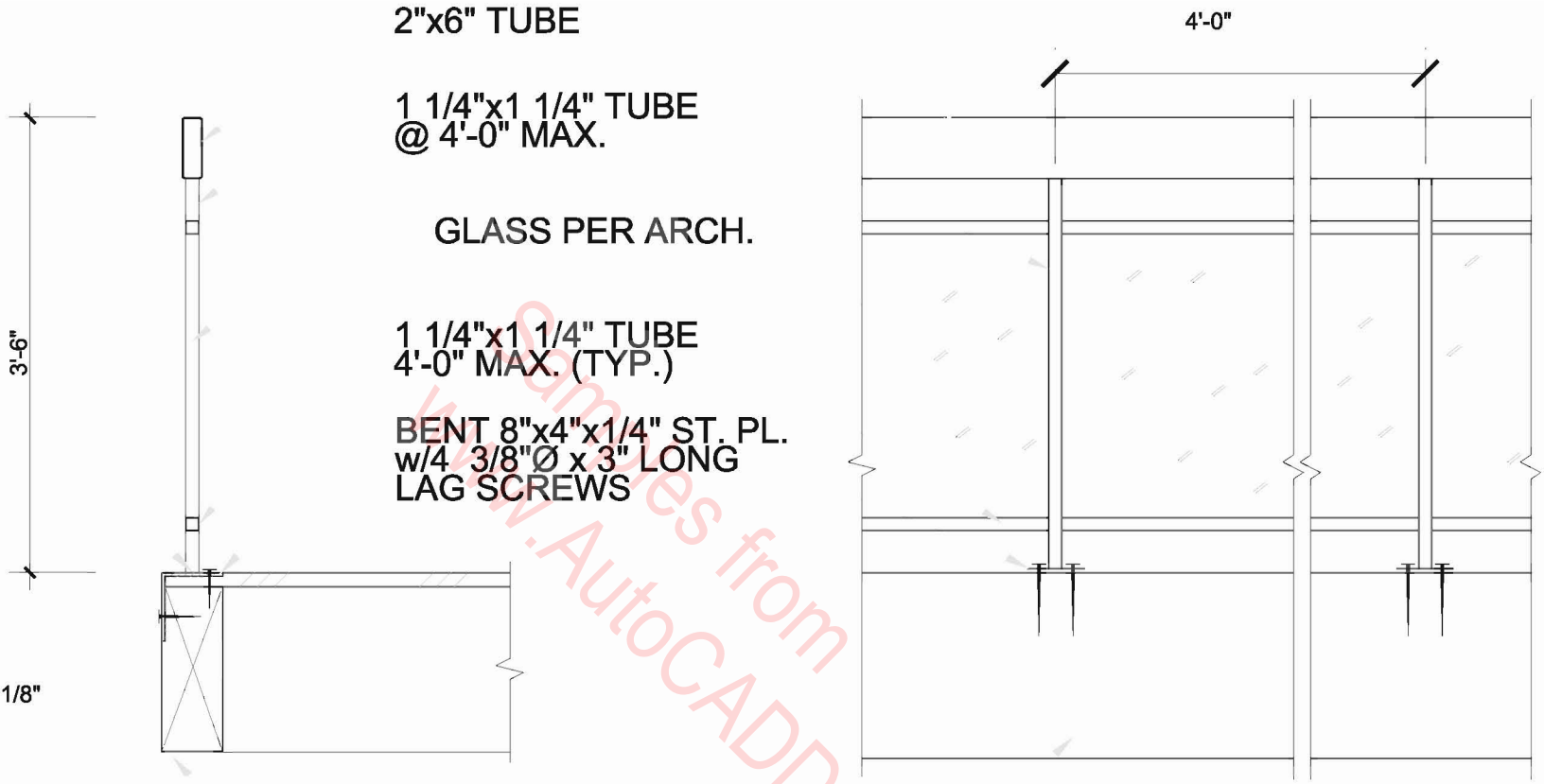


FLOOR GIRDER, REF.

GH48-8

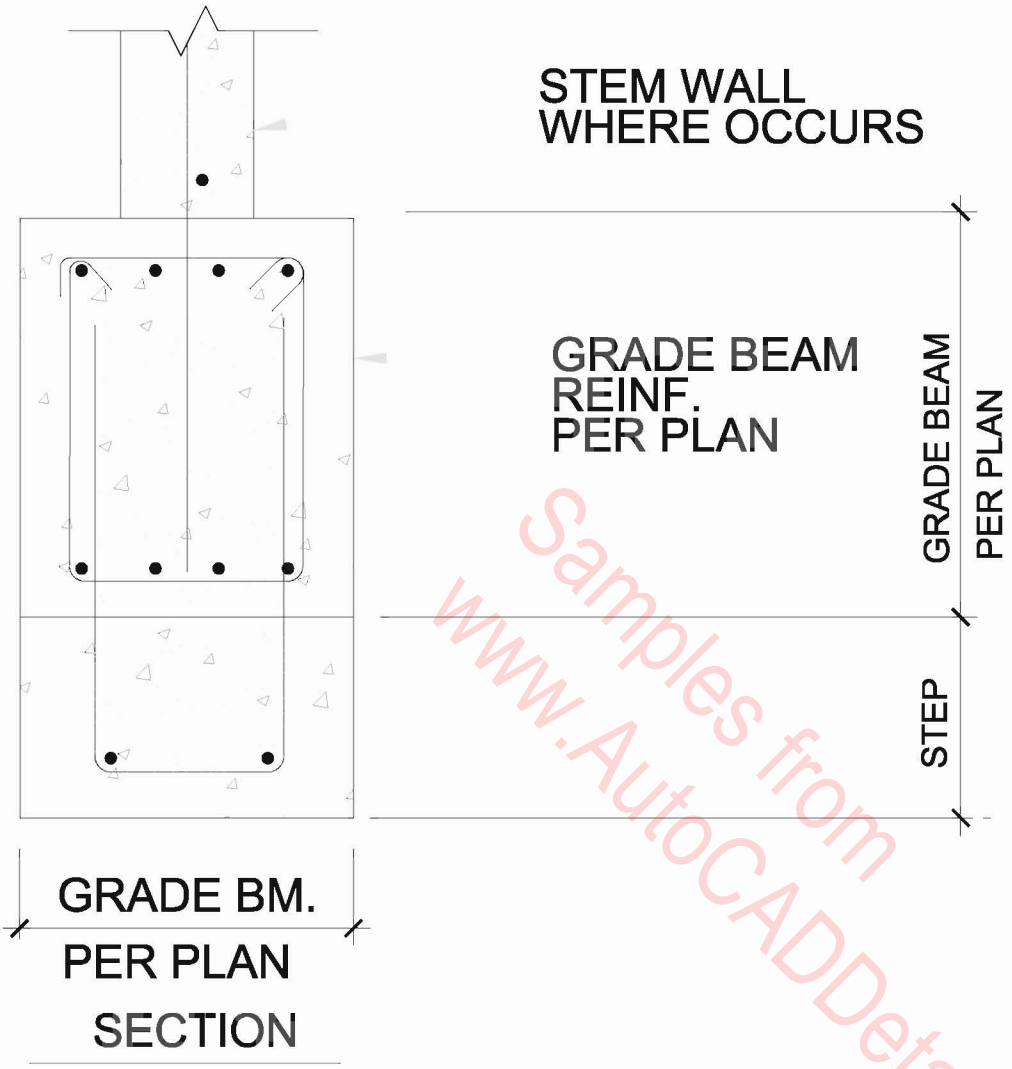
Samples from www.AutoCADDetails.net

GIRDER -WALL FTG DETAIL



Samples from
www.AutoCADDetails.net

GLASS RAILING DETAIL

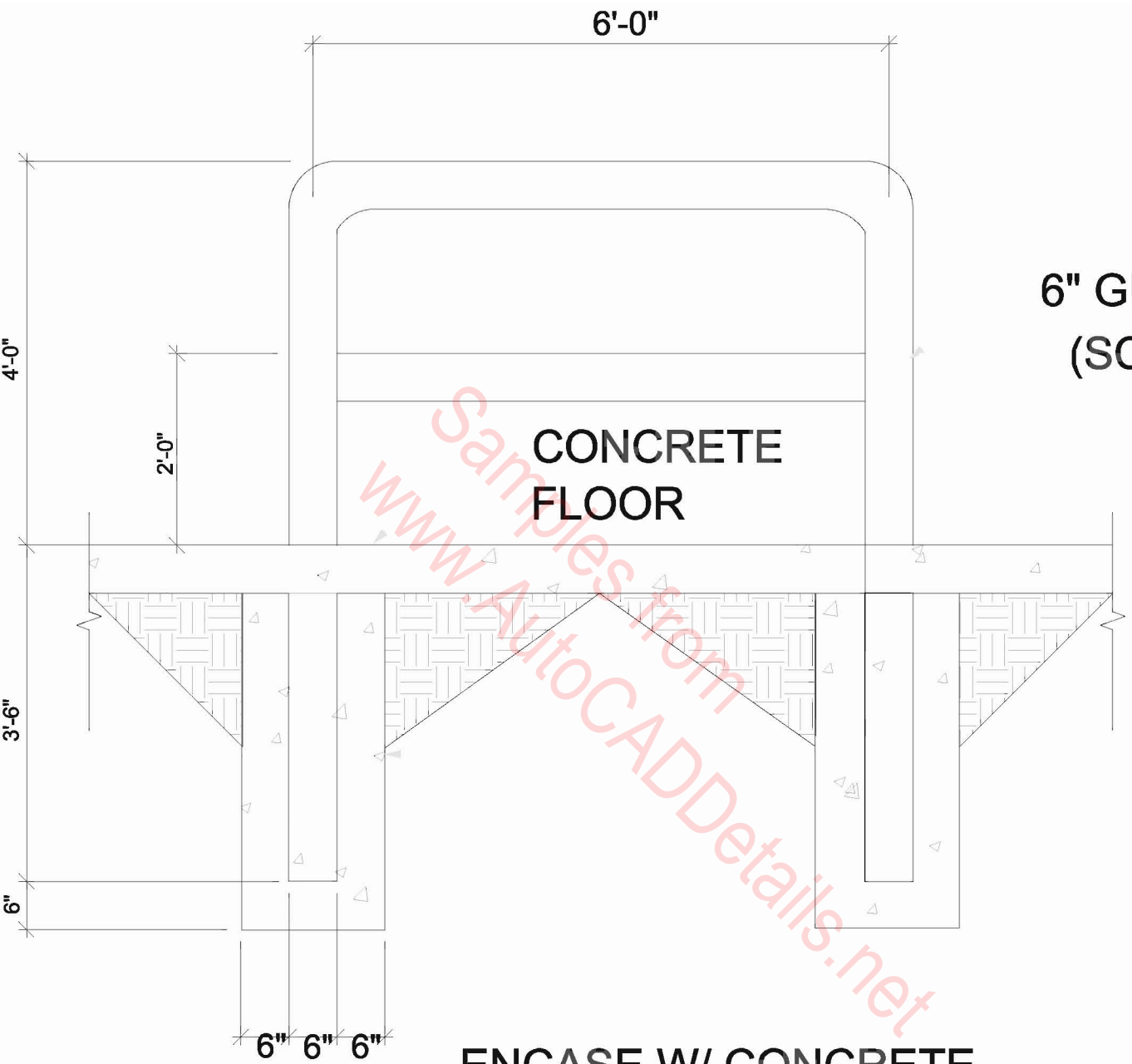


Samples from
www.AutoCADDetails.net

NOTES:

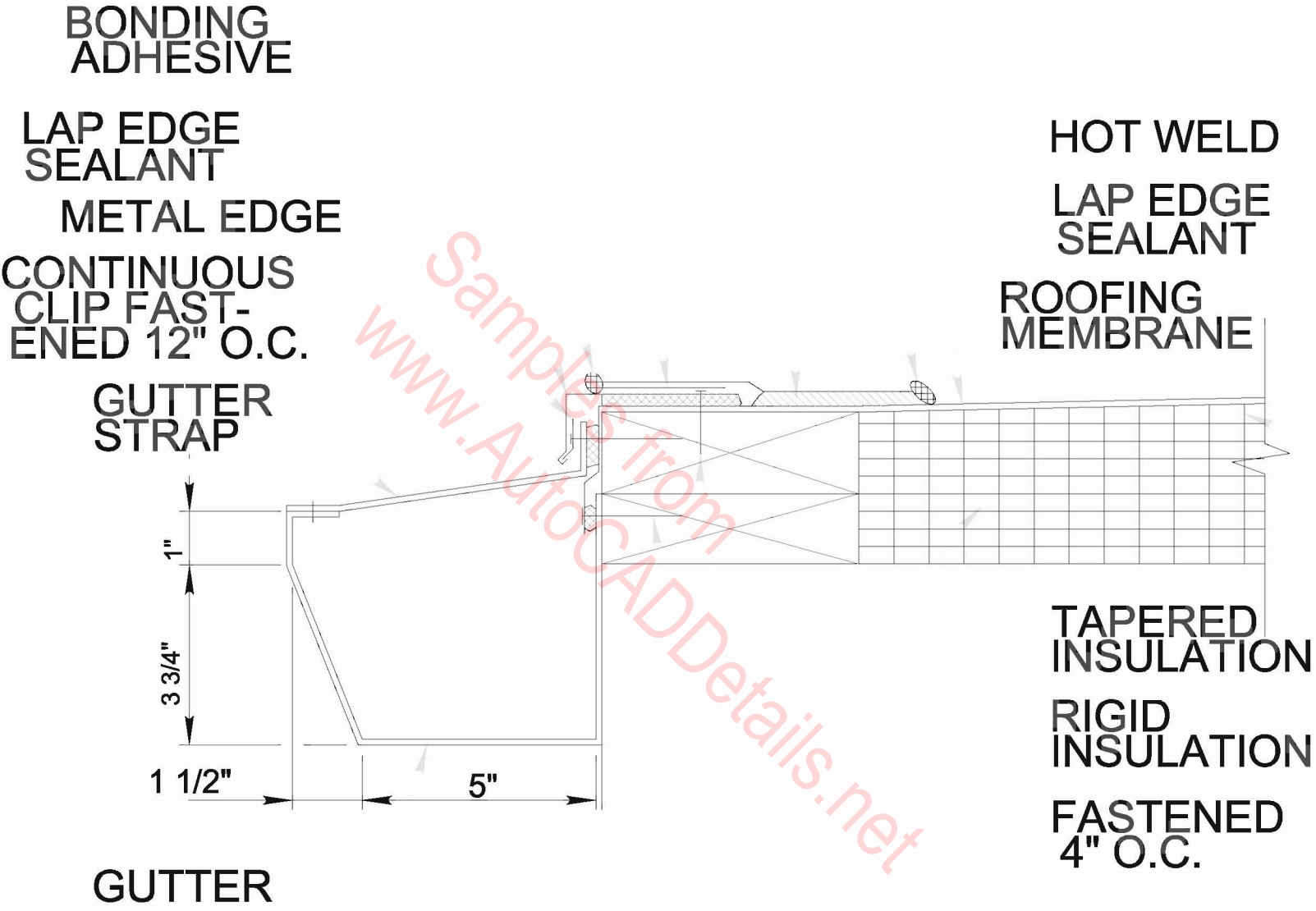
1. SEE PLAN FOR GRADE BEAM REINFORCING & DIMENSIONS.
2. ALL GRADE BEAMS SLOPING MORE THAN 10% SHALL BE STEPPED PER THIS DETAIL

GRADE BEAM SECTION



Samples from
www.AutoCADDetails.net

GUARDRAIL DETAIL



Samples from www.AutoCADDetails.net

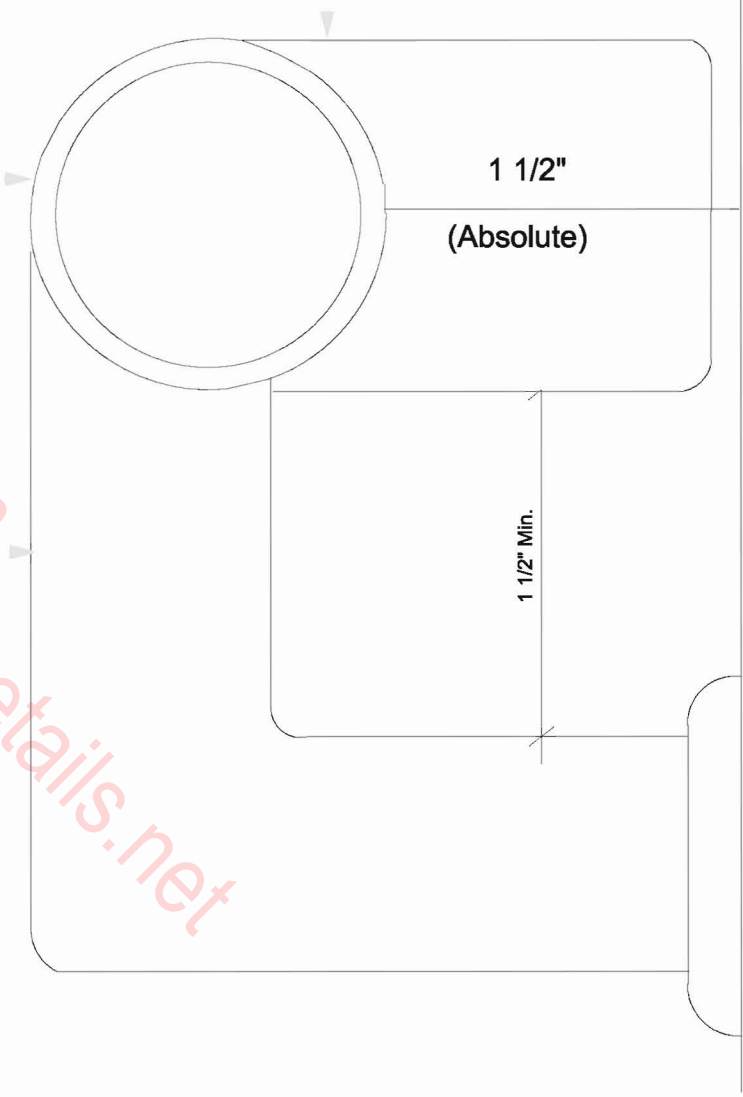
GUTTER DETAIL

Handrail Return Beyond

1 1/2" Diameter Piperail
(1 1/4" Min. Diameter)

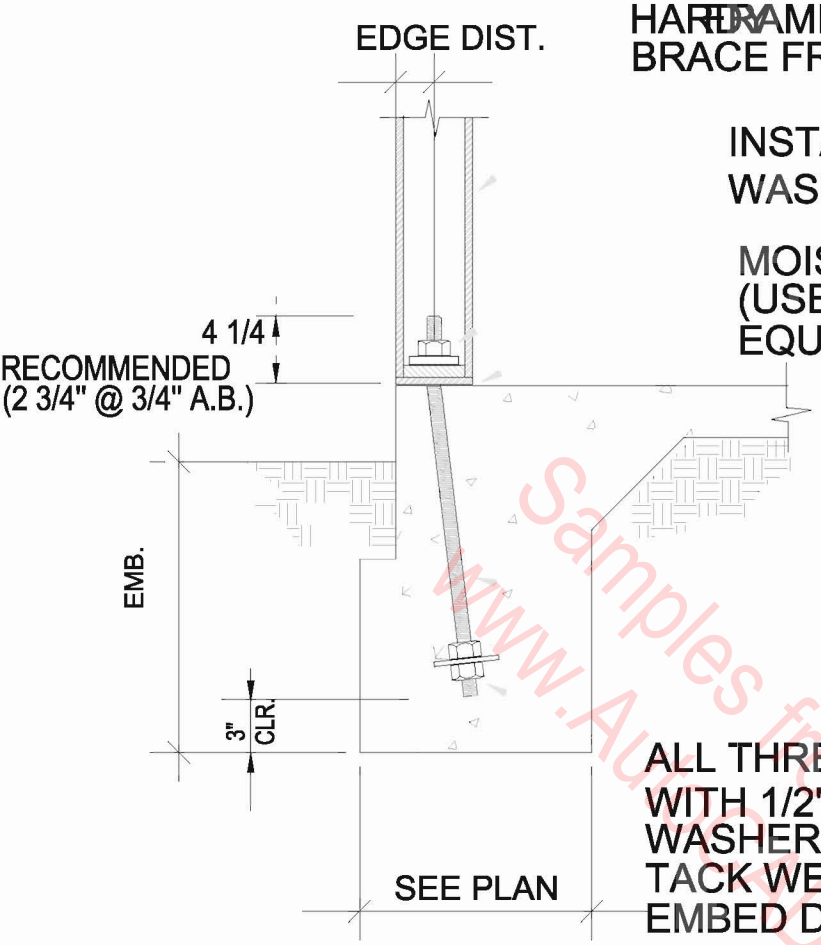
Handrail Support
at Abrasive--Free
Wall Surface

1/8" Min. Radius Edge



Samples from
www.AutoCADDetails.net

HANDRAIL RETURN AT WALL



HARDY FRAME PANEL,
BRACE FRAME OR POST

INSTALL STANDARD, ROUND, CUT-WASHER AND NUT, SNUG TIGHT

MOISTURE BARRIER RECOMMENDED (USE MOISTOP, 15# FELT OR EQUIVALENT)

NO BEND IS REQUIRED ON BOLT WHEN EDGE DISTANCE AT TOP OF CONCRETE IS 4x THE BOLT Ø (MIN)
3 1/2" FOR 7/8"Ø BOLT
4 1/2" FOR 1 1/8"Ø BOLT

ALL THREAD HOLD DOWN BOLT WITH 1/2"x3" SQUARE PLATE WASHER W/DOUBLE NUTS, OR TACK WELDED TO BOTTOM OF ROD
EMBED DEPTH PER PLAN

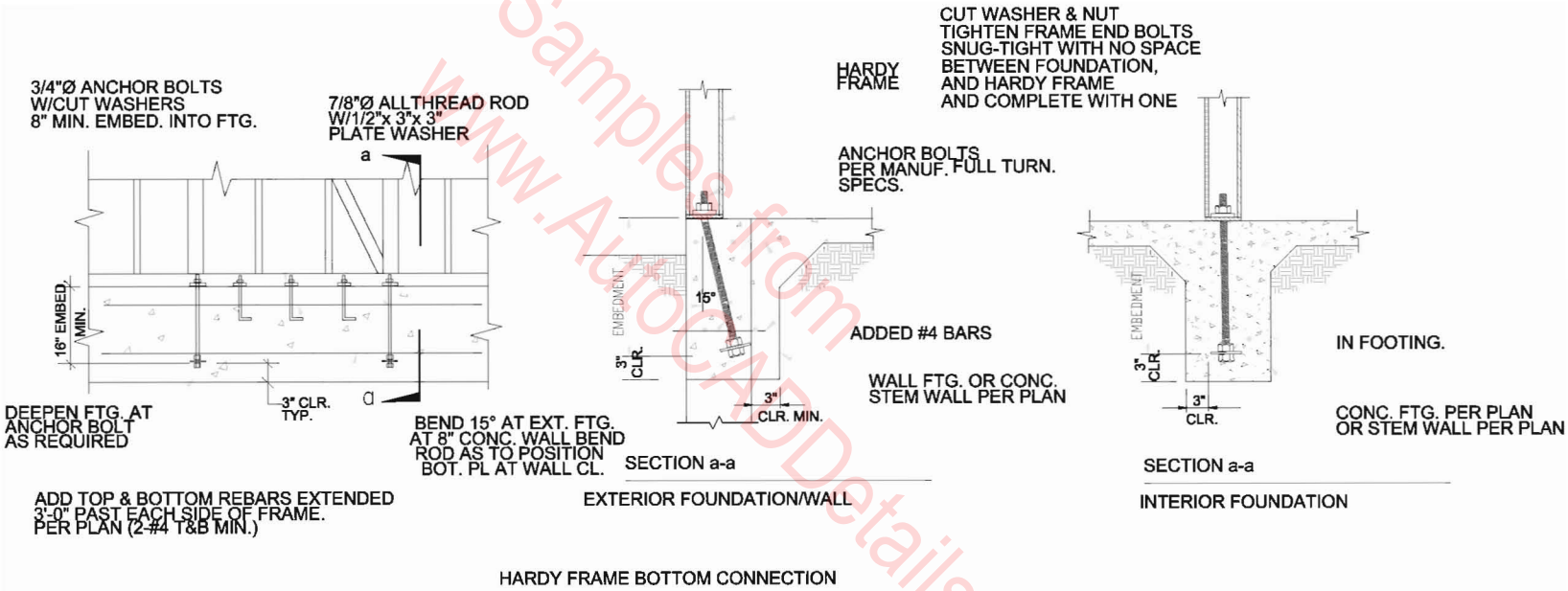
Samples from AutoCADDetails.net
www.AutoCADDetails.net

HARDY FRAME PANEL: EMBED SCHEDULE

EMBED TYPE	UPLIFT	BOLT DIAMETER	EMBED FROM T.O. FOOTING	EMBED FROM T.O. CONCRETE	EDGE & END DISTANCE AT FOOTING	EDGE & END DISTANCE AT FINISH CONC.
P-A	13,000	7/8"	6"	17"	6"	1|6"
P-B	15,333	7/8"	6"	21"	6"	1|6"
P-C	20,000	1-1/8"	7"	24"	7"	1|6"
P-D	23,500	1-1/8"	8"	24"	8"	1|6"
P-E	25,333	1-1/8"	8"	25"	8"	1|6"

NOTE: INTERIOR CONDITION SIMILAR

HARDY FRAME @ EXT. FOOTING



HARDY FRAME BOTTOM CONNECTION

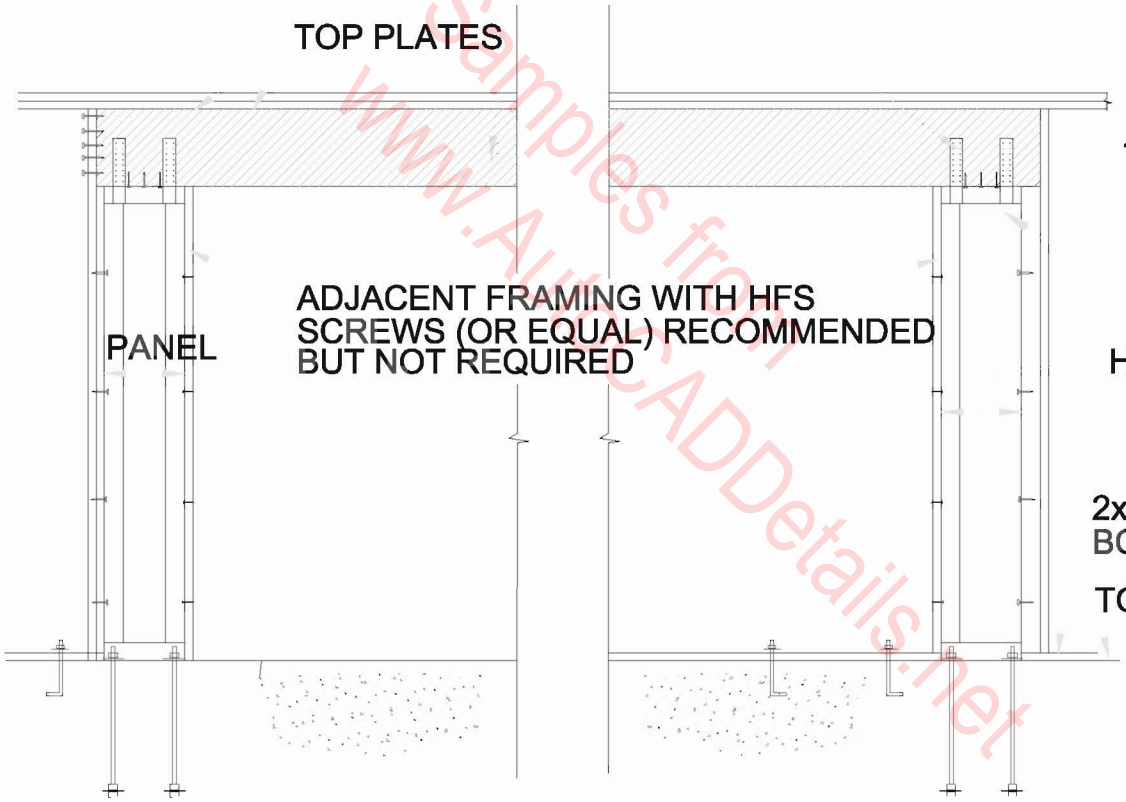
HARDY FRAME FOUNDATION

Samples from www.AutoCADDetails.net

STRAPS ARE RECOMMENDED FOR CONTINUOUS HEADER CONDITION.
WHEN WELDED BY MANUFACTURER, STRAPS ARE 14 GA x 2 -1/2" AND ARE ATTACHED WITH A FILLET WELD.

WHEN APPLIED IN THE FIELD,ST6224 (OE EQUAL) MAY BE ATTACHED WITH 10-#10x3/4" SELF TAPPING SCREWS.
BOTH STRAP TYPES ATTACHED TO HDR w/14-16d

FULL DEPTH HEADER OR
WITH CRIPPLES ABOVE PER PLANS



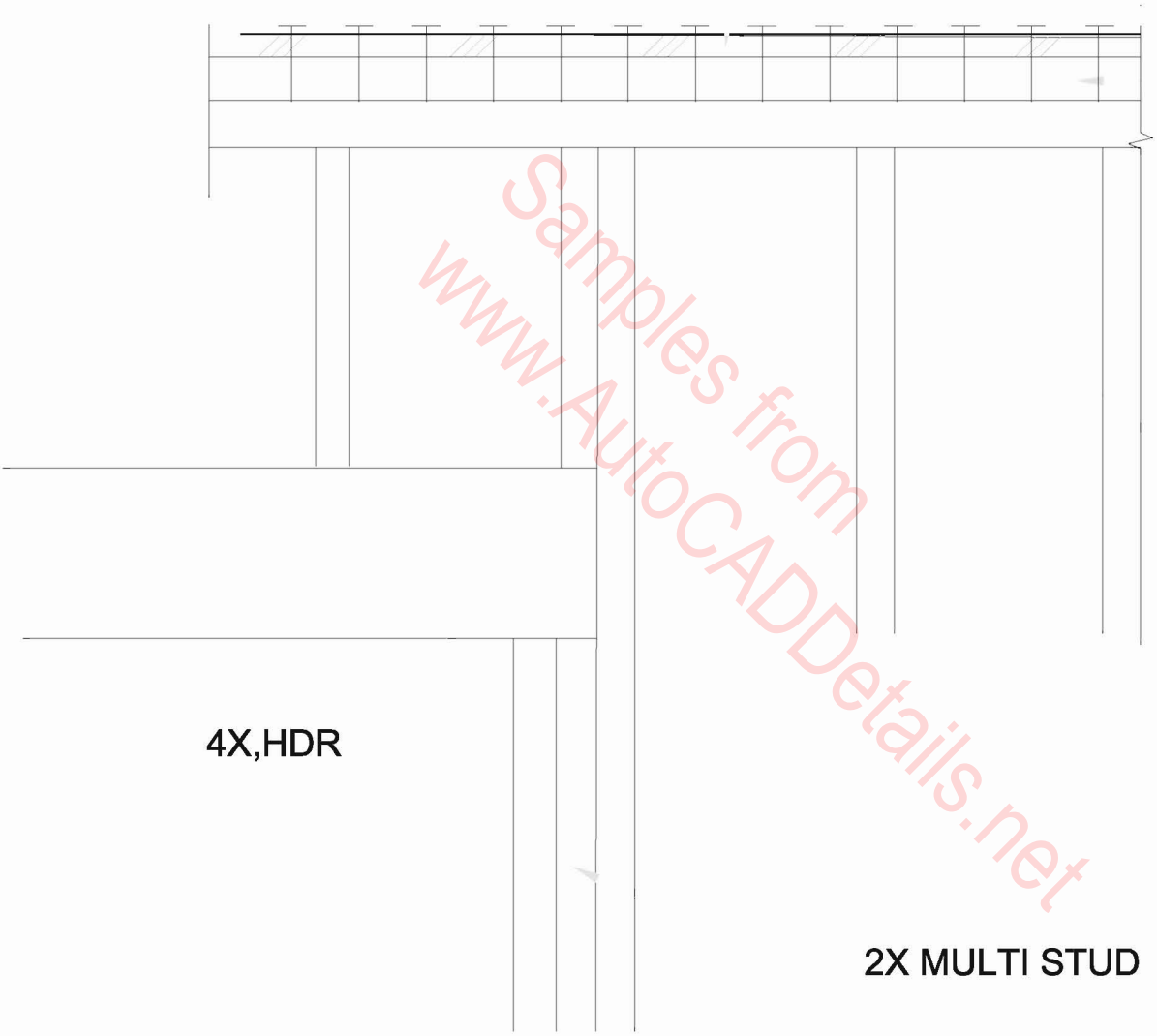
Samples from www.AutoCADDetails.net

NOTES:
MODEL NUMBER HF8x12 7/8 IS A NET HEIGHT OF 96-5/8" FOR 8'-0" DOOR OR WINDOW OPENINGS. INSTALL PANEL ON CONCRETE OR FURR HEADER DOWN AS REQUIRED

HARDY FRAME PANELS WITH CONTINUOUS HEADER

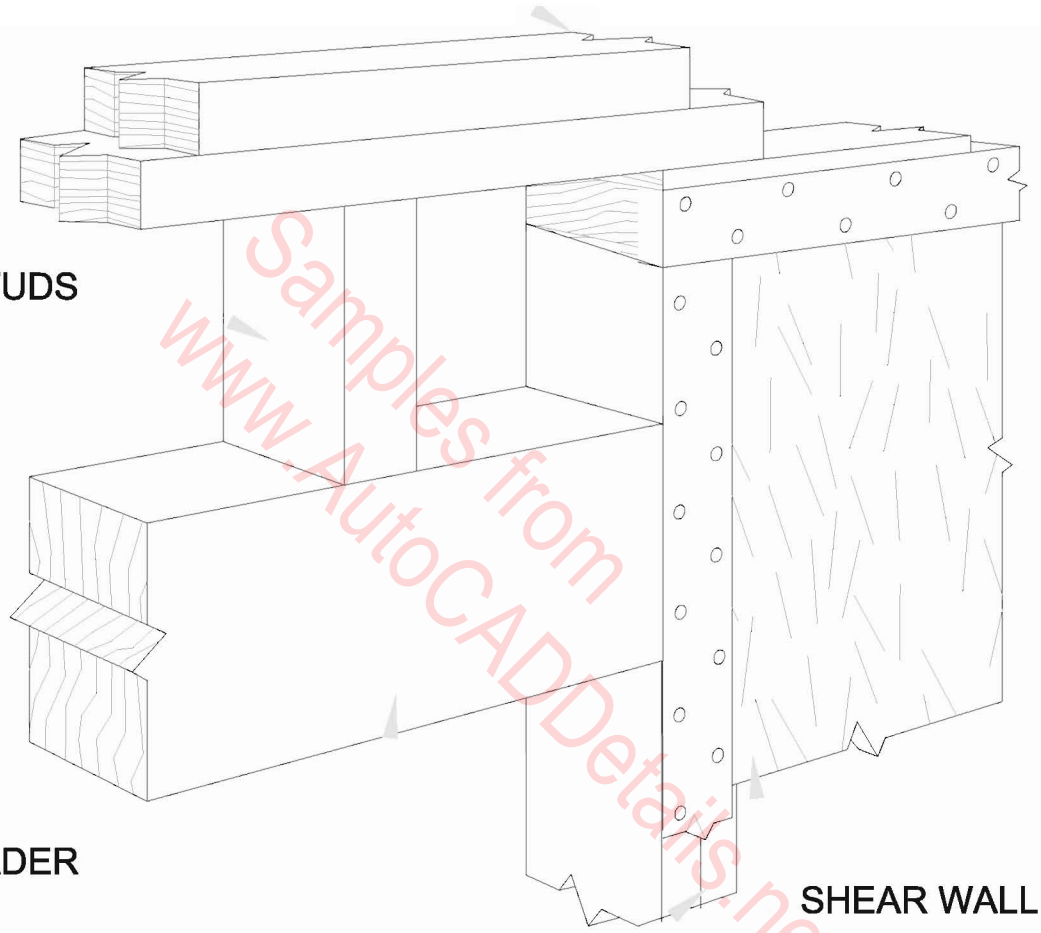
MST27

PLYWOOD DIAPHRAGM,
REF.



Samples from
www.AutoCADDetails.net

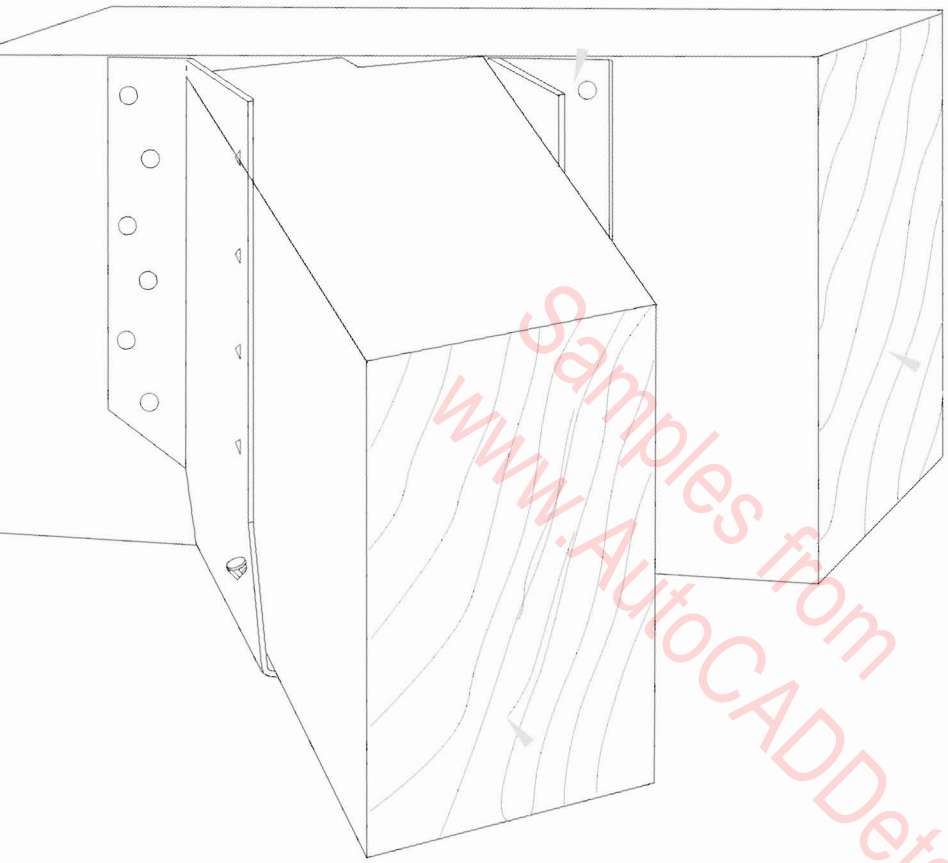
HEADER DETAIL



Samples from www.AutoCADDetails.net

HEADER DETAIL

HSUR/L (SKEWD HANGER)



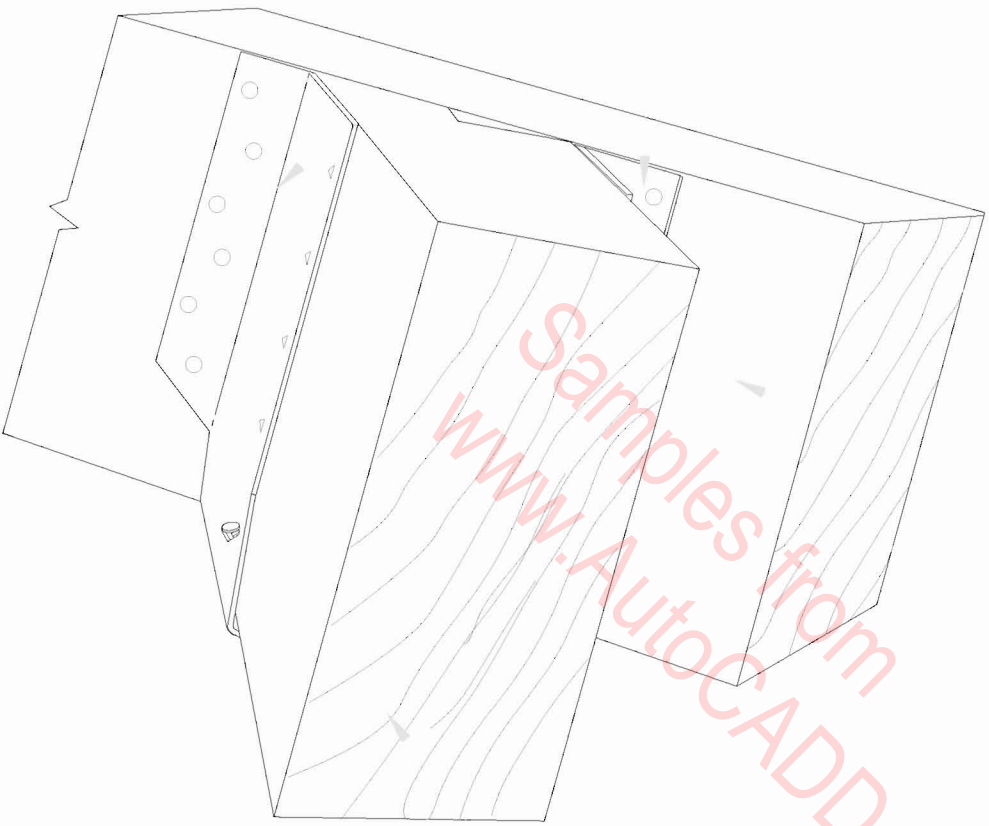
HIP BM,REF.

RR,REF.

Samples from
www.AutoCADDetails.net

HIP BEAM DETAIL

HSUR/L 4.12/16 SKEWED HANGER

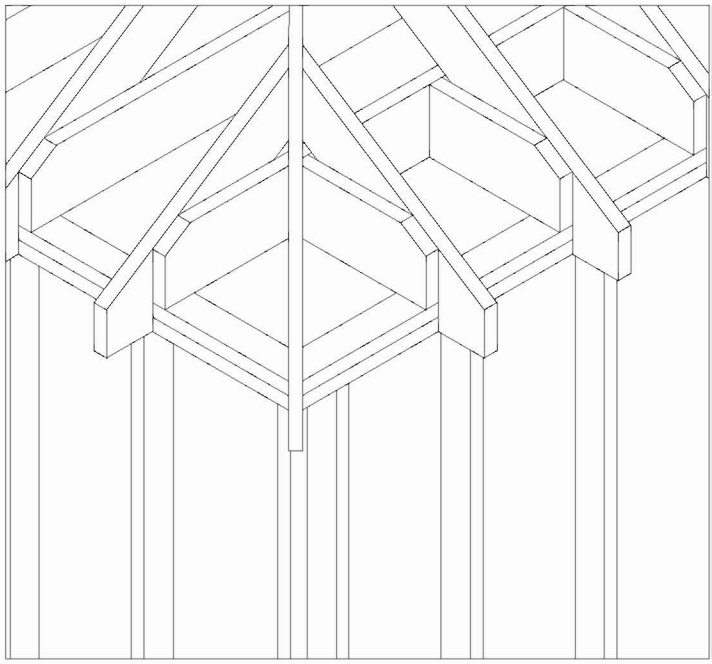


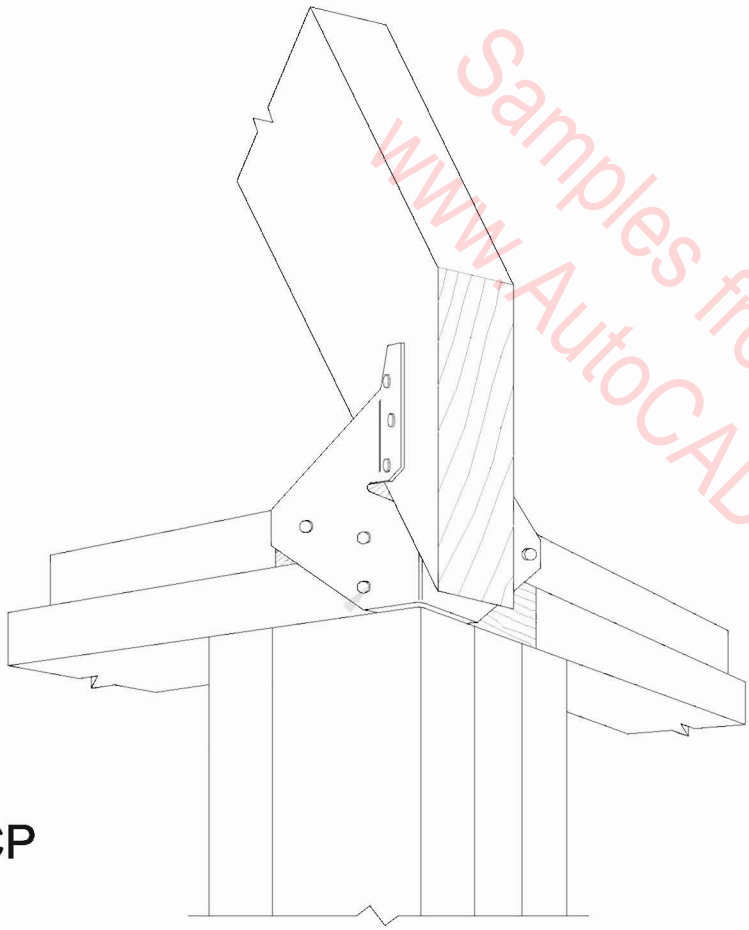
HIP BM,REF.

RR,REF.

Samples from
www.AutoCADDetails.net

HIP DETAIL

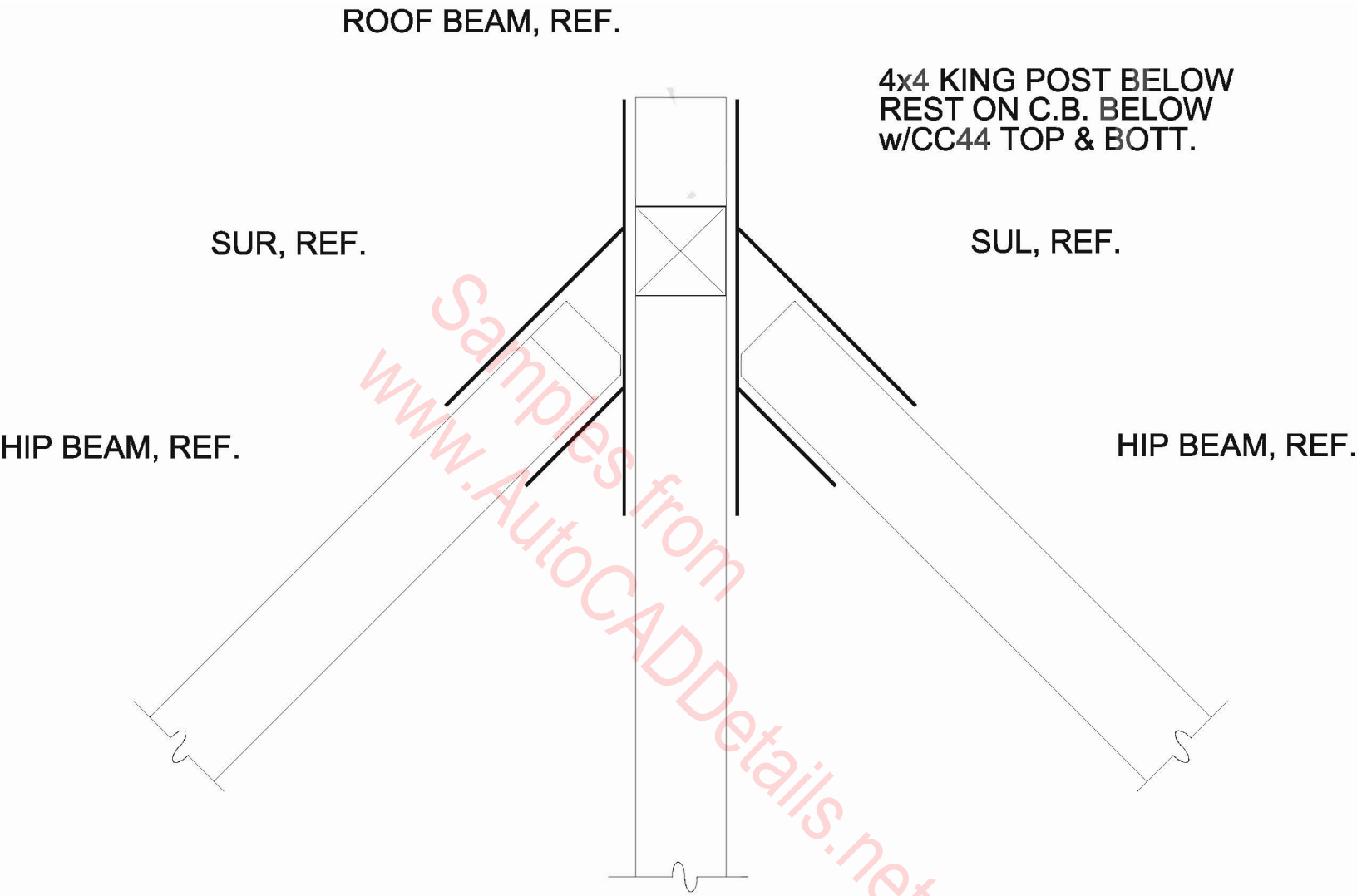




HCP

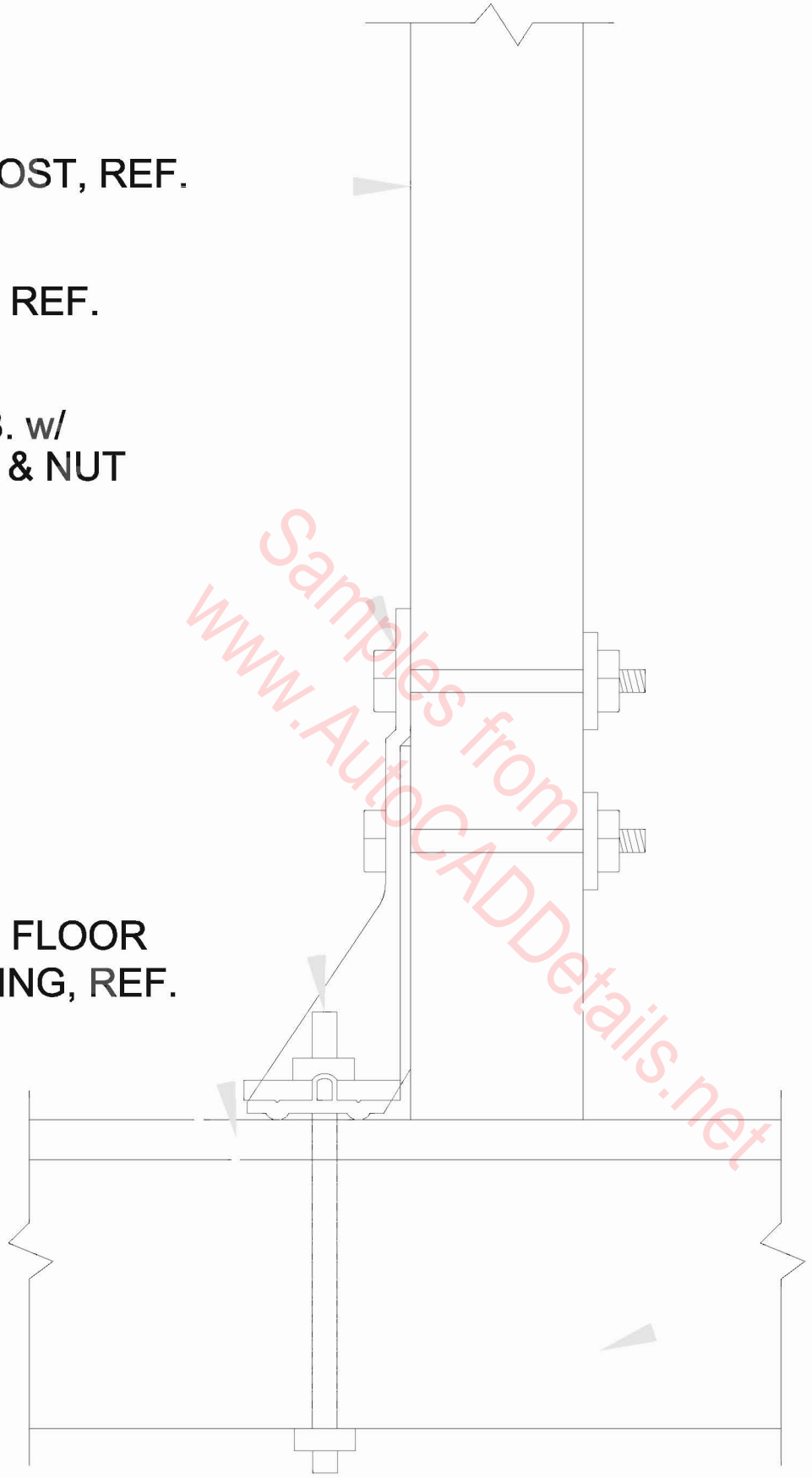
Samples from
www.AutoCADDetails.net

HIP DETAIL



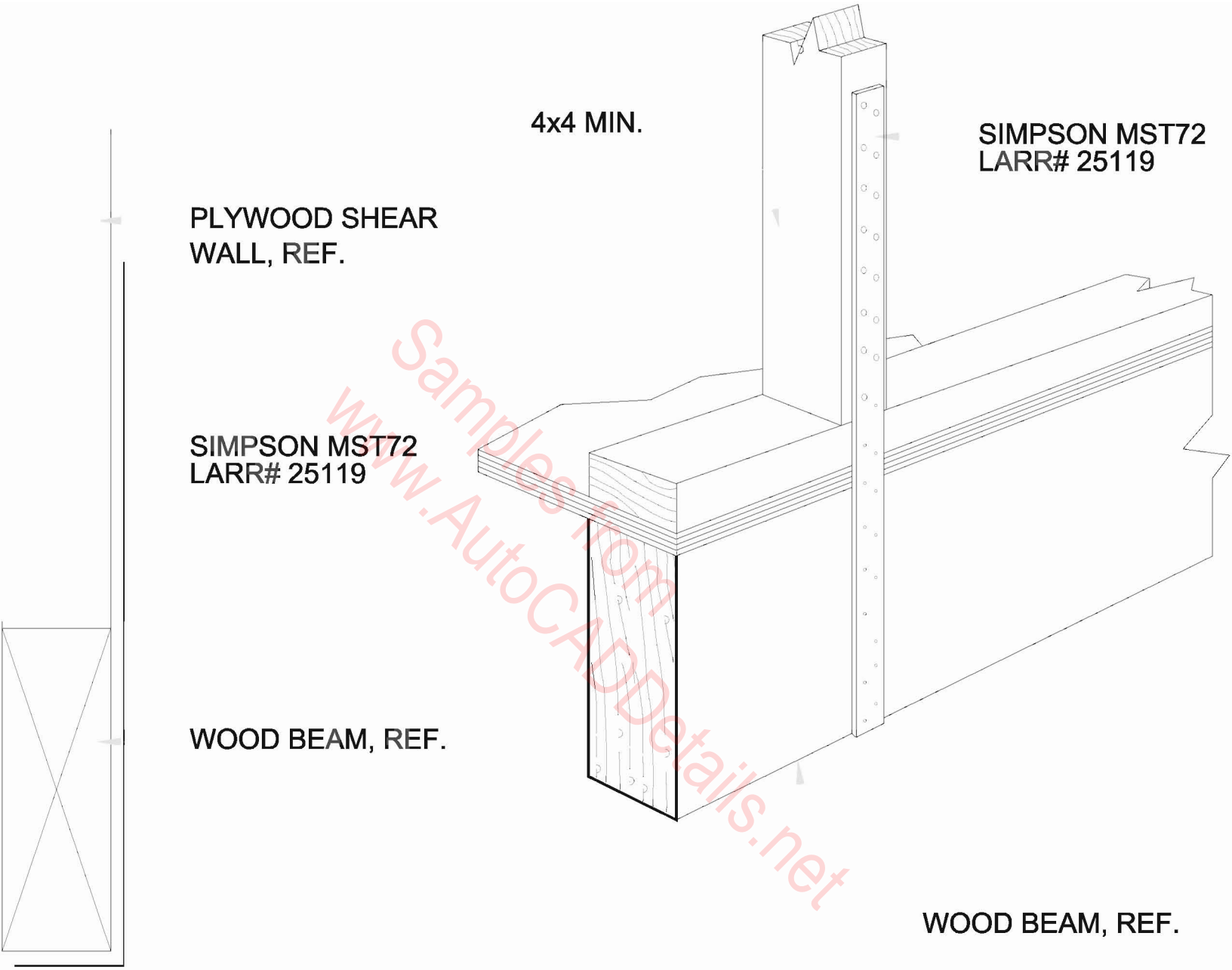
Samples from
www.AutoCADDetails.net

HIP DETAIL



Samples from
www.AutoCADDetails.net

HOLD DOWN @ WOOD BEAM FLOOR

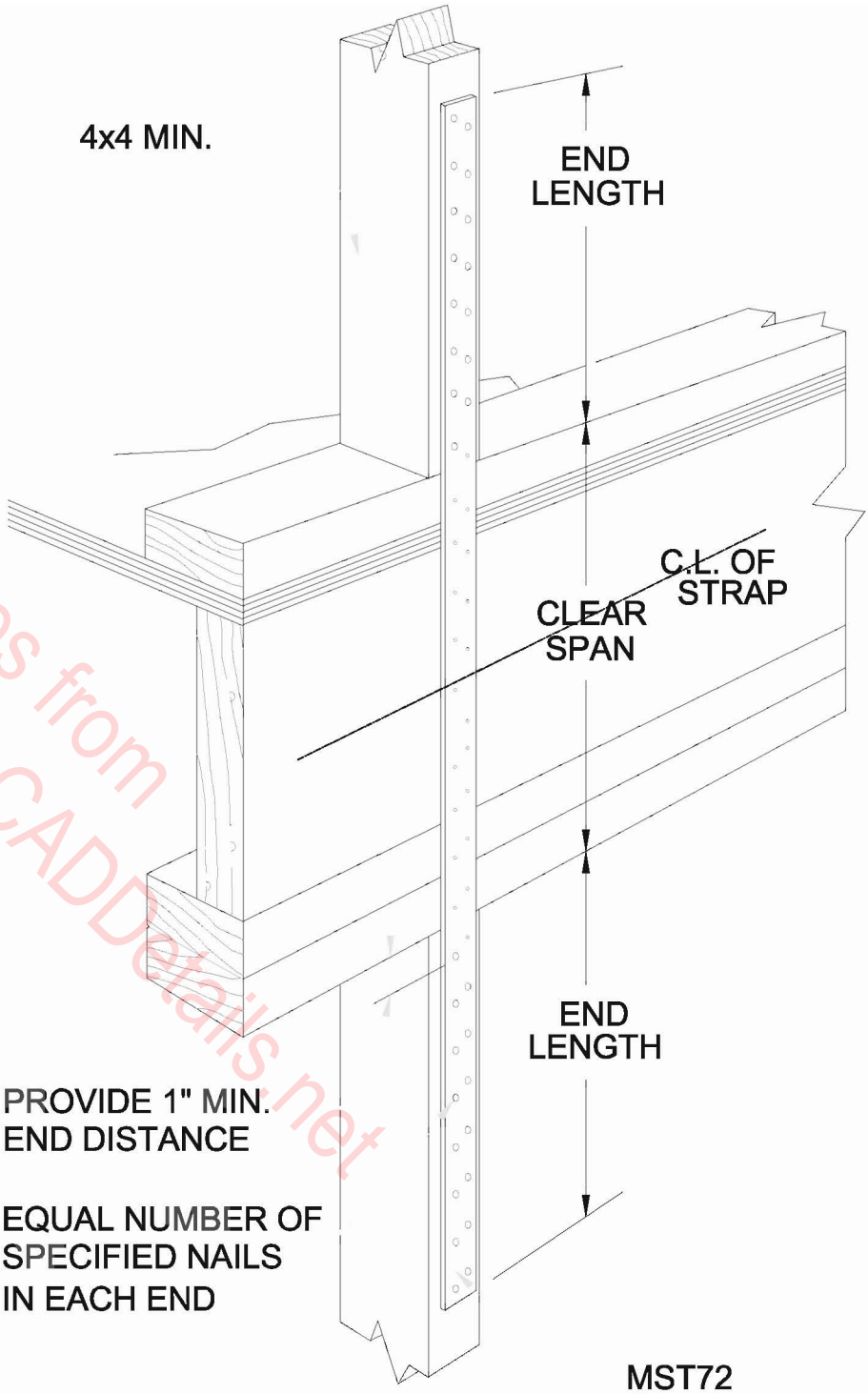


Samples from
www.AutoCADDetails.net

HOLD DOWN BETWEEN FLOOR

MST72 W/4x4 POST
(48-16d NAILS)

2-MST72 W/4x6 POST
(48-16d NAILS)



MST72
LARR# 25119
(48-16d NAILS)

Samples from
www.AutoCADDetails.net

HOLD DOWN BETWEEN FLOOR

4x POST

1-PHD6-SDS3
w/4x4 POST
(18 SCREWS)

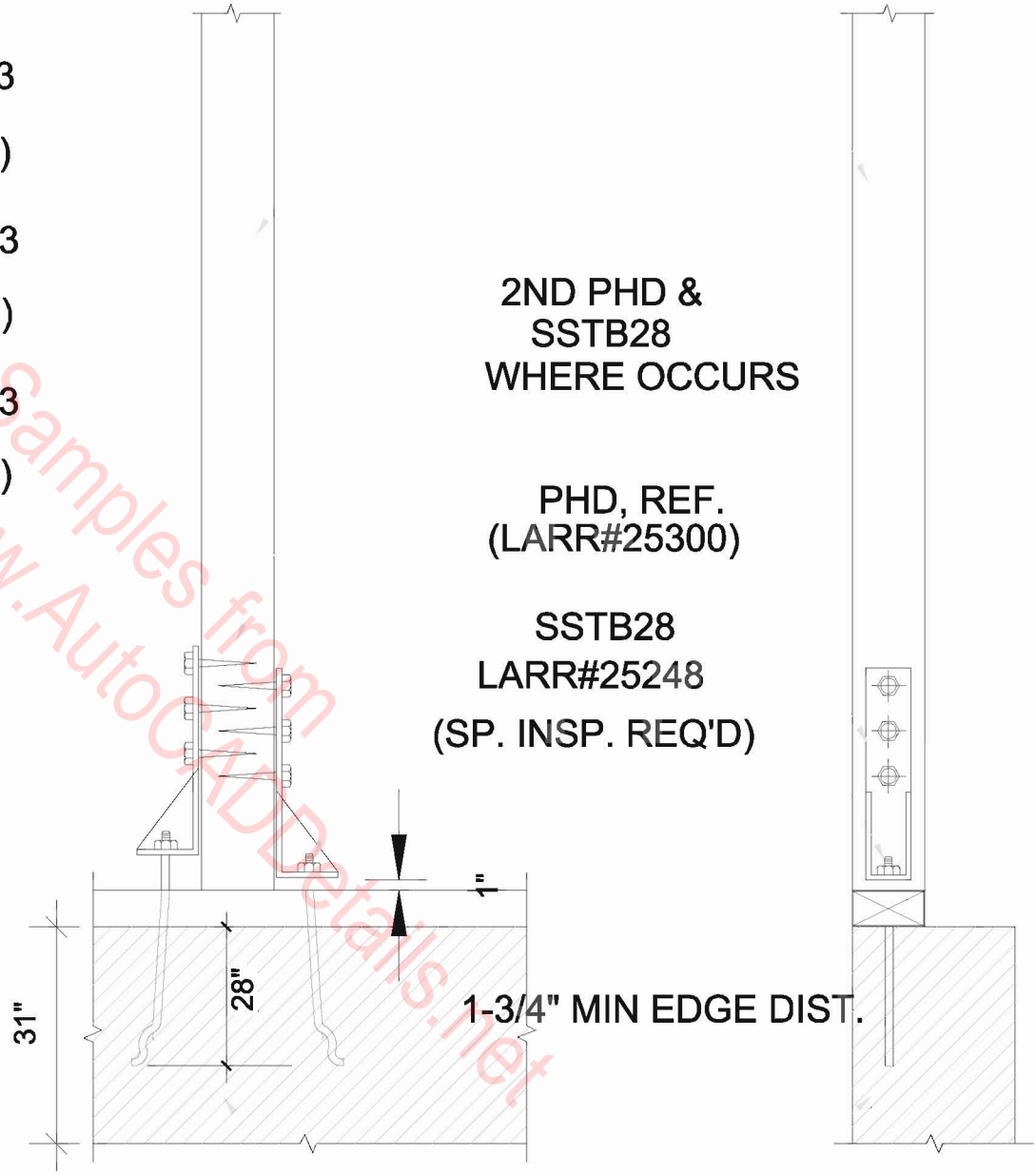
1-HDQ8-SDS3
w/4x4 POST
(20 SCREWS)

2-HDQ8-SDS3
w/4x6 POST
(20 SCREWS)

2ND PHD &
SSTB28
WHERE OCCURS

PHD, REF.
(LARR#25300)

SSTB28
LARR#25248
(SP. INSP. REQ'D)



CONC. FOOTING, REF.

DEEPEN FOOTING AS
NEEDED LOCALLY TO
ACCOMODATE SSTB

ELEVATION

SECTION

samples from www.AutoCADDetails.net

HOLD DOWN DETAIL

1-PHD6-SDS3
w/4x4 POST
(18 SCREWS)

1-PHD8-SDS3
w/4x4 POST
(20 SCREWS)

2-PHD8-SDS3
w/4x8 POST
(20 SCREWS)

4x

2ND PHD &
SSTB28
WHERE OCCURS

PHD, REF.
(LARR#25300)

SSTB28
LARR#25248

7" MIN.

ICBO APPROVED
COUPLER

31" MIN.

28"

CONC. FOOTING, REF.
1-3/4' MIN EDGE DIST.

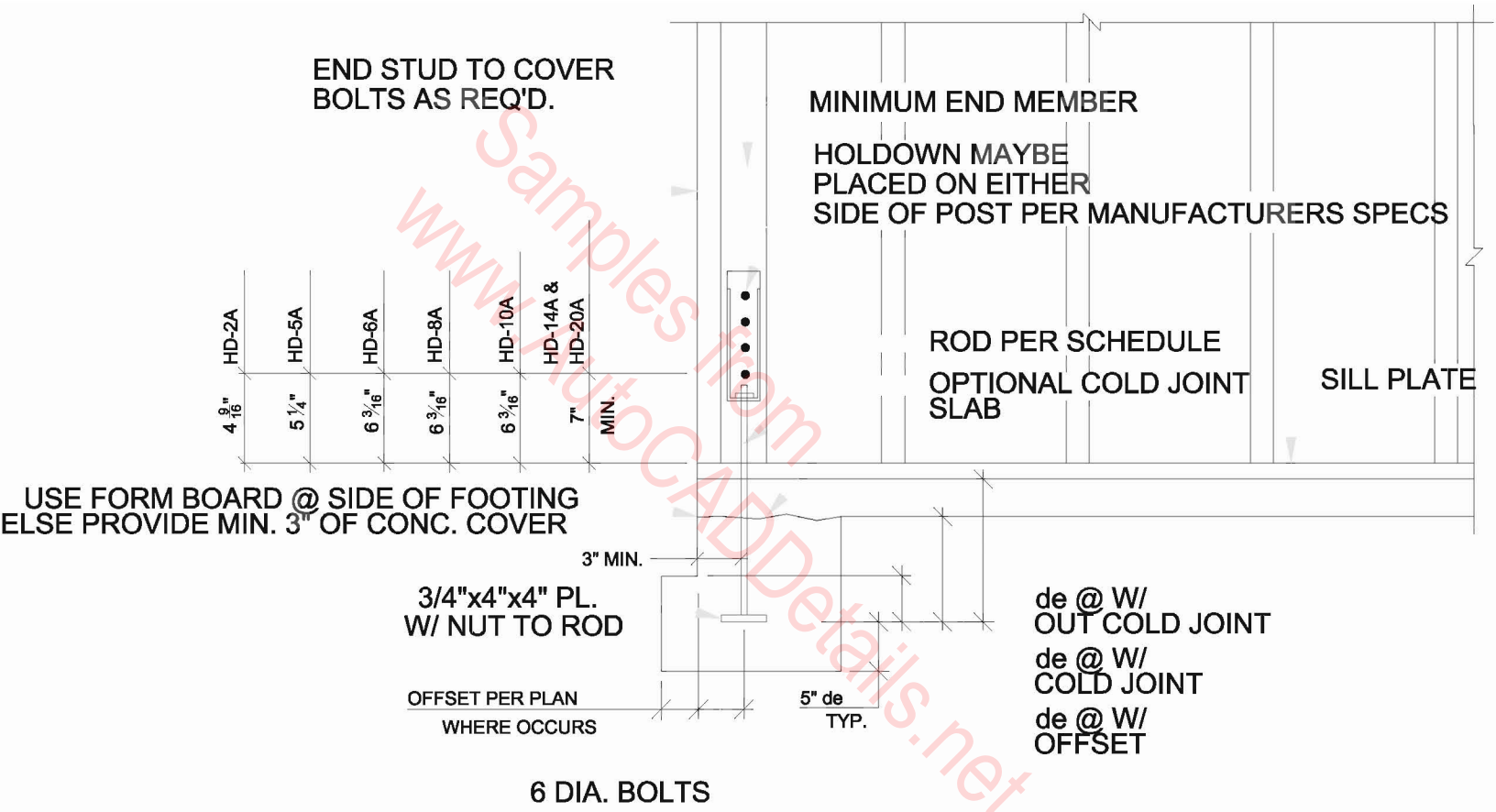
ELEVATION

SECTION

DEEPEN FOOTING AS
NEEDED LOCALLY TO
ACCOMODATE SSTB

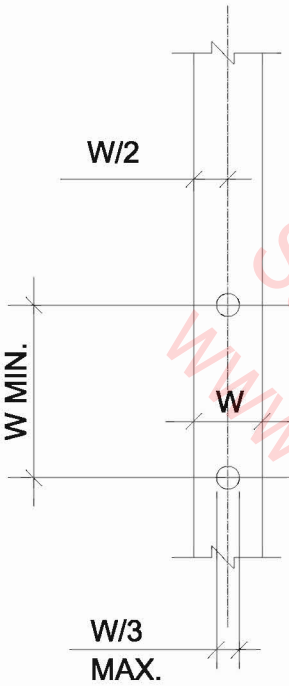
Samples from
www.AutoCADDetails.net

HOLD DOWN DETAIL



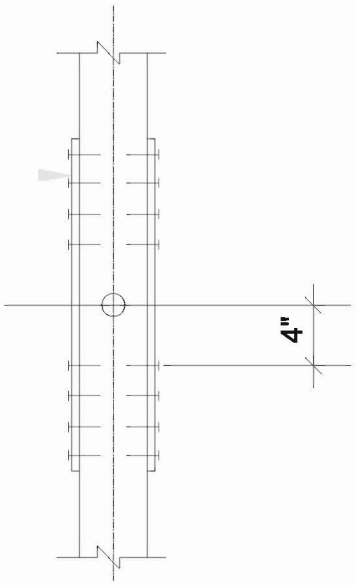
Samples from www.AutoCADDetails.net

HOLD DOWN "HD" INSTALLATION



TOP PLATE

SIMPSON "ST-22" W/ 4-16d EA. SIDE AND EA. END



USE WHERE HOLE EXCEED W/3

OVERSIZE HOLES IN TOP PLATE

NOTE: NOTCHING OF STUDS OR TOP PLATE NOT PERMITTED WITHOUT WRITTEN PERMISSION OF ARCHITECT.

Samples from www.AutoCADDetails.net

HOLES IN STUDS AND TOP PLATES (DT27)

HOOKED BAR DEVELOPMENT LENGTH (Ld) SCHEDULE (INCHES)		
BAR SIZE	ALL MEMBERS U.N.O.	
	Fc'=3000 Psi	Fc'=4000 Psi
#3	9	8
#4	11	10
#5	14	12
#6	17	15
#7	19	17
#8	22	19
#9	25	22
#10	28	24
#11	31	26

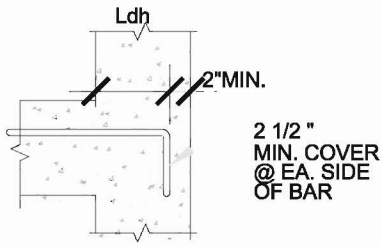
Samples from www.AutoCADDetails.net

NOTES:

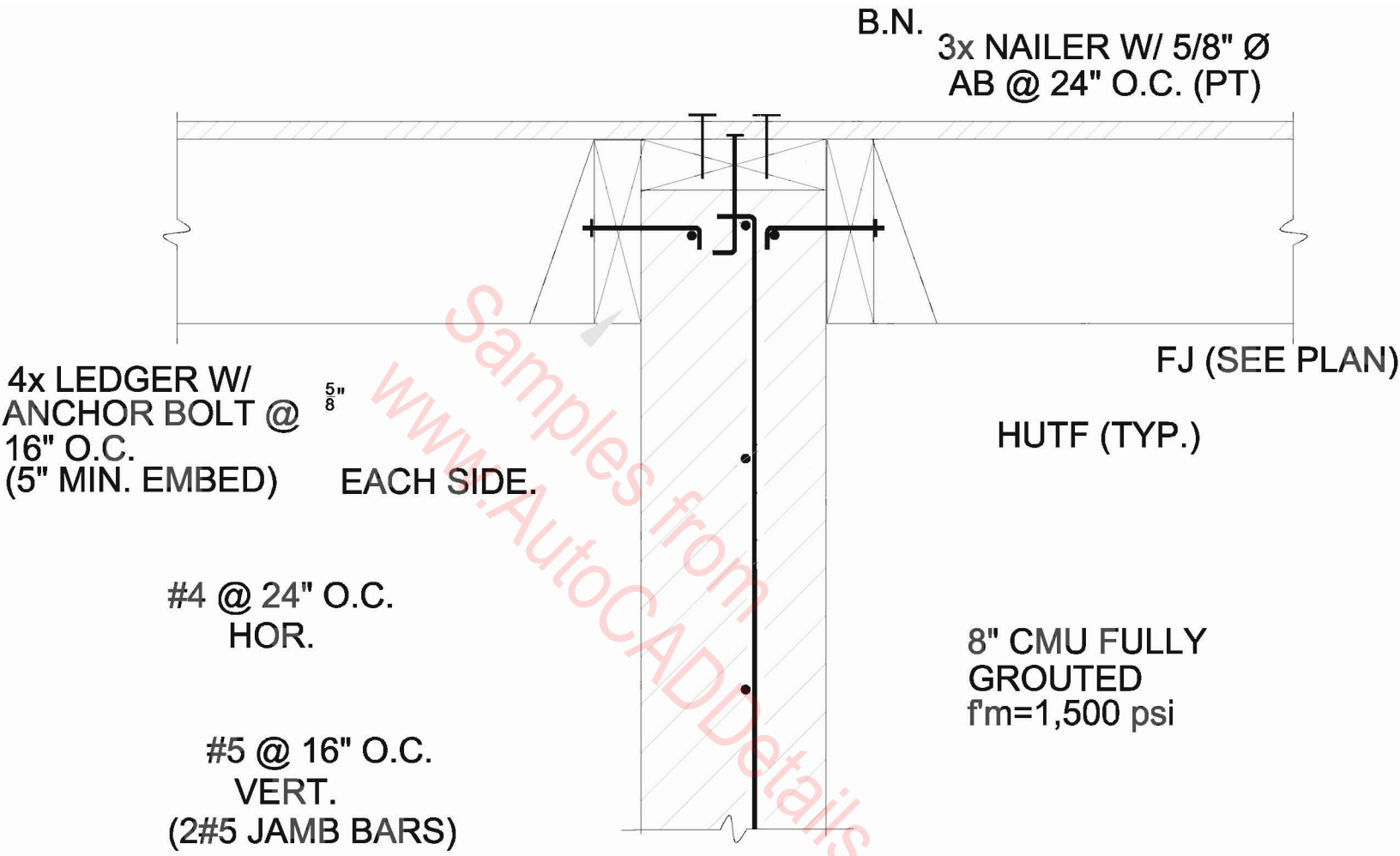
1. THESE DEVELOPMENT LENGTHS APPLY TO REGULAR WEIGHT CONC., MULTIPLY THE SPECIFIED DEVELOPMENT LENGTH BY 1.3 FOR LIGHTWEIGHT CONCRETE.

2. REFER TO SECTION FOR ADDITIONAL REQUIREMENTS FOR "ALL OTHER MEMBERS".

3. BARS NOT MEETING COVER REQUIREMENTS USE 1.25 x (Ldh)

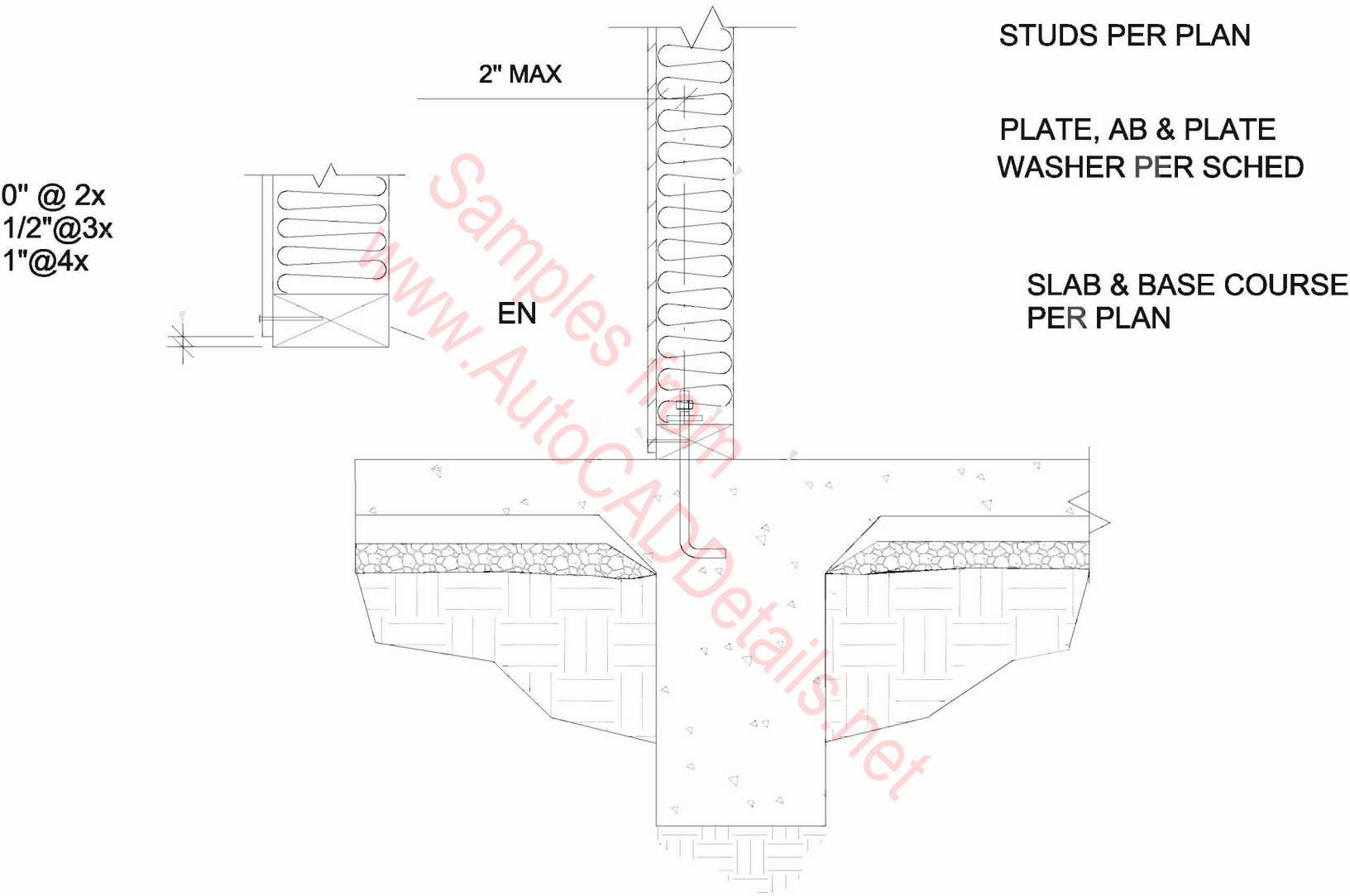


HOOKED BAR DEVELOPMENT



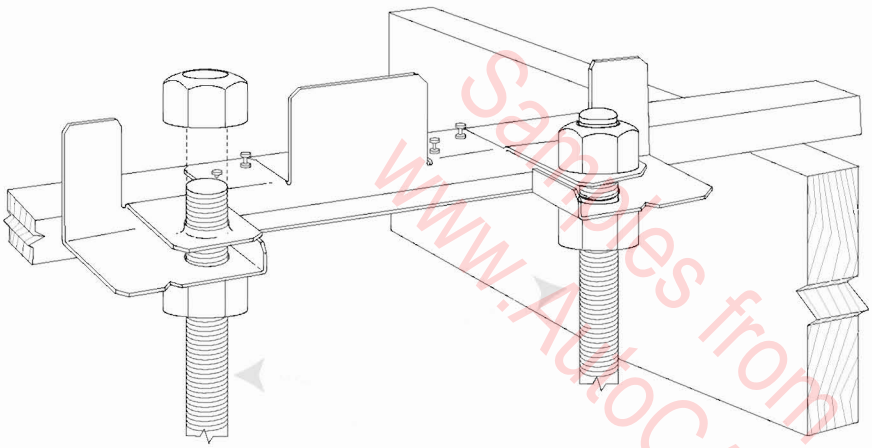
Samples from www.AutoCADDetails.net

INTERIOR CMU WALL/FLOOR JOIST DETAIL



Interior Footing

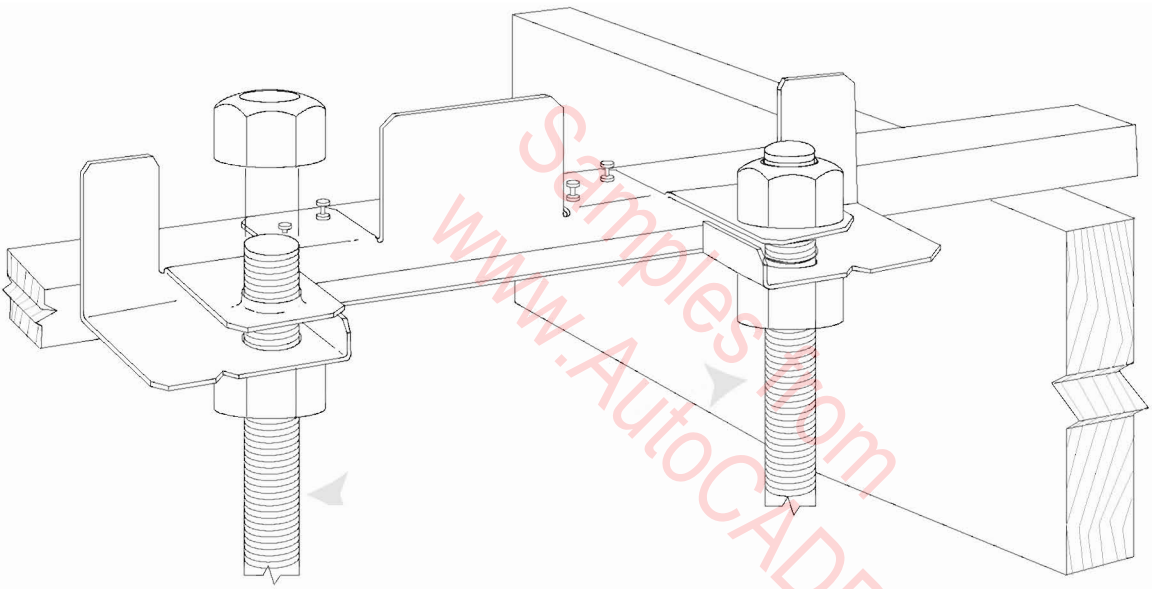
Samples from www.AutoCADDetails.net



(2) 3/4" SSWAB

INTERIOR INSTALLATION

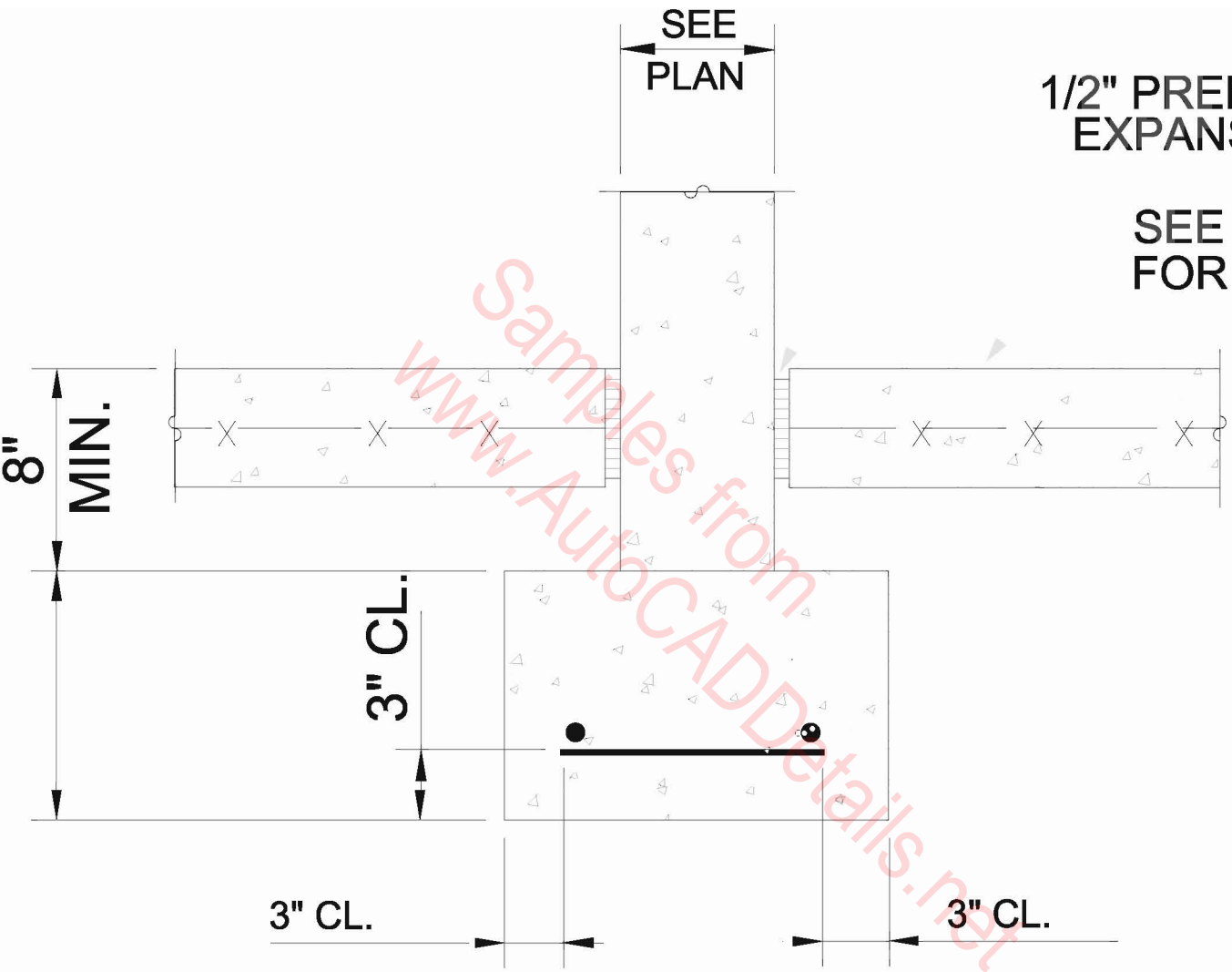
Samples from
www.AutoCADDetails.net



(2) 1" SSWAB

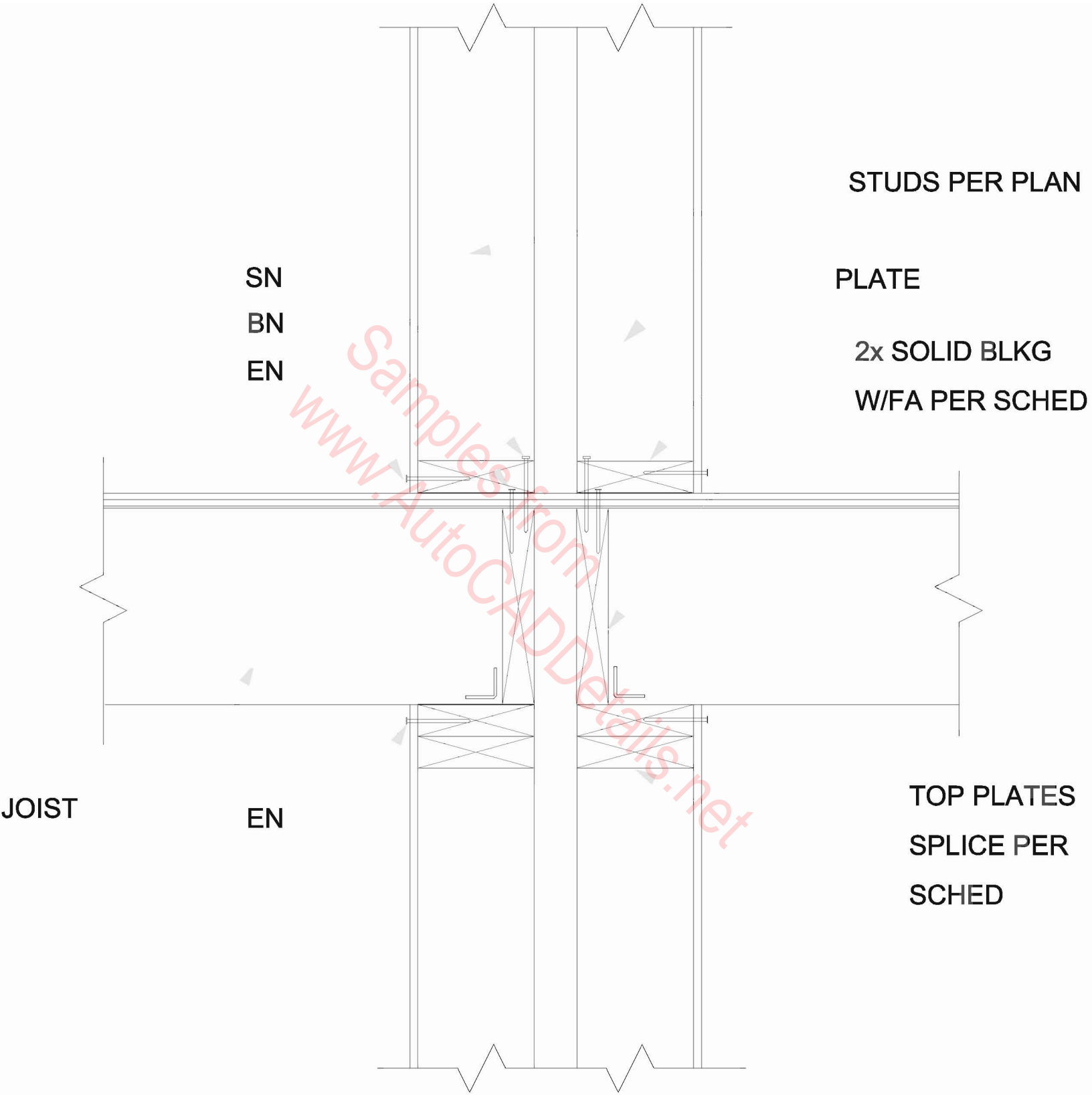
INTERIOR INSTALLATION

Samples from www.AutoCADDetails.net



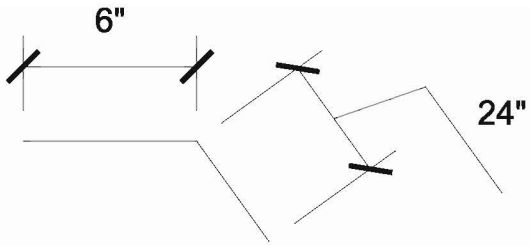
Samples from
www.AutoCADDetails.net

INTERIOR MASONRY
TYPICAL MASONRY BEARING WALL FOOTING DETAIL



Samples from www.AutoCADDetails.net

Interior Party Shear Wall W/Blocking

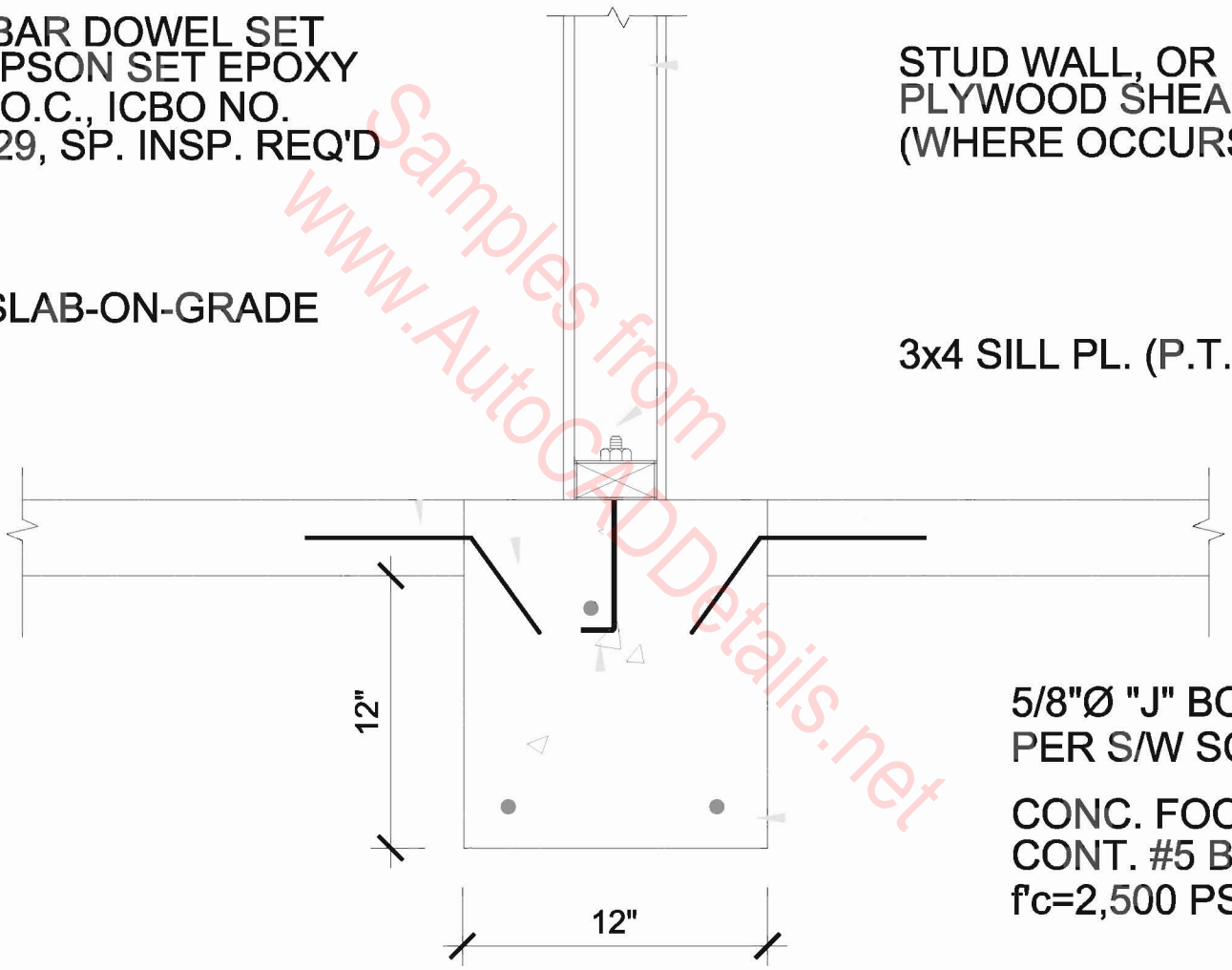


#4 REBAR DOWEL SET
IN SIMPSON SET EPOXY
@ 16" O.C., ICBO NO.
ER-5729, SP. INSP. REQ'D

STUD WALL, OR
PLYWOOD SHEAR WALL
(WHERE OCCURS)

(E) SLAB-ON-GRADE

3x4 SILL PL. (P.T.)

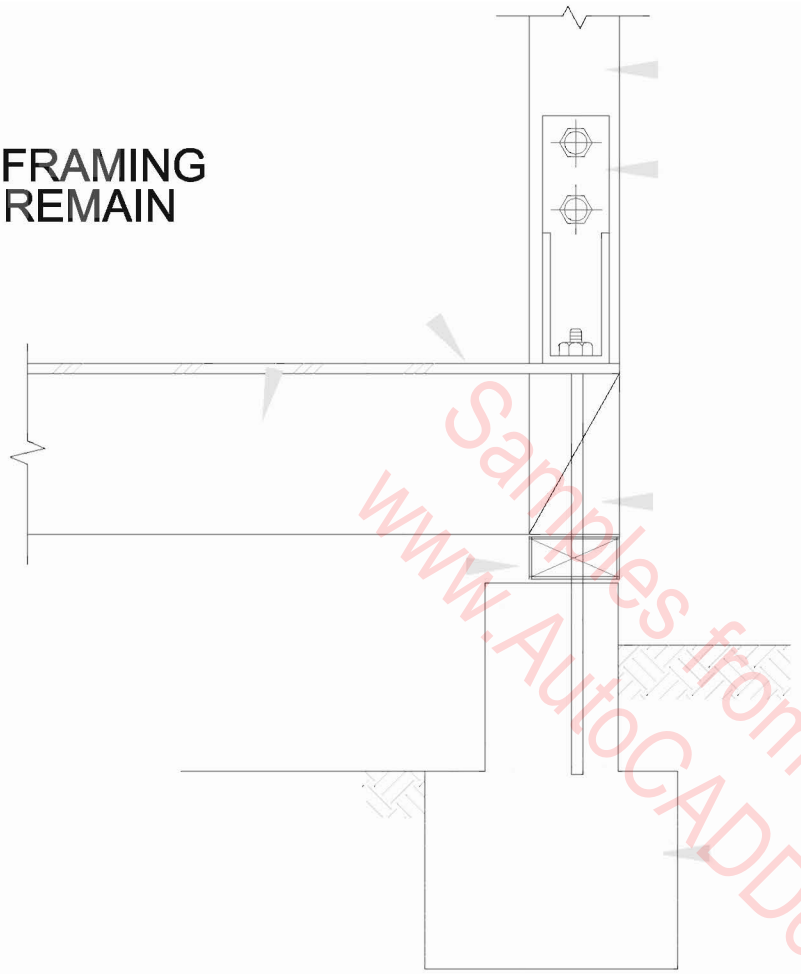


5/8"Ø "J" BOLTS
PER S/W SCHD.

CONC. FOOTING w/ 3
CONT. #5 BARS
f'c=2,500 PSI

Samples from
www.AutoCADDetails.net

INTERIOR WALL FOOTING



(E) FRAMING
TO REMAIN

(N) 4x4 POST

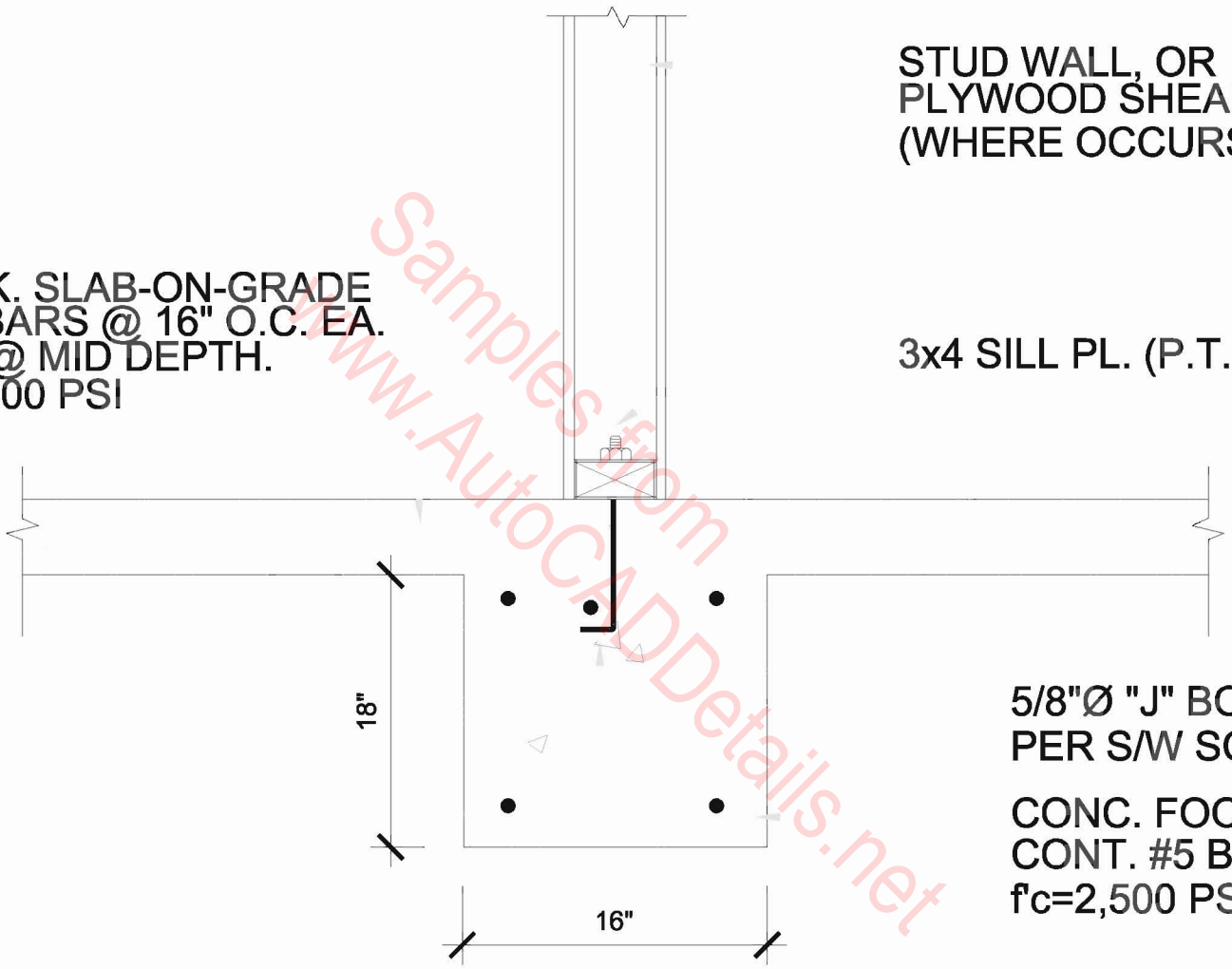
(N) HD5A, w/5/8"Ø A.B.
SET IN SIMPSON SET EPOXY,
ICBO#ER5279, SP. INSP. REQ'D
MIN. EDGE DIST. 1-3/4", MIN.
EMBED. 5"

(E) OR (N) SOLID BLK'G

(E) CONC. FOOTING

Samples from
www.AutoCADDetails.net

INTERIOR WALL FOOTING



Samples from www.AutoCADDetails.net

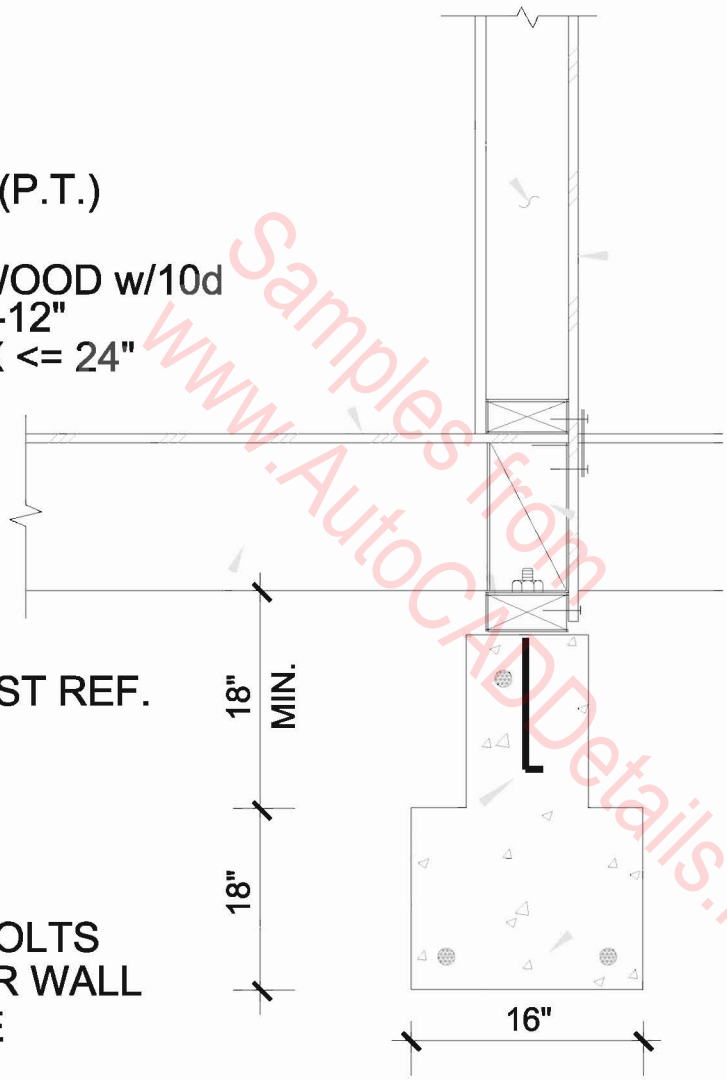
INTERIOR WALL FOOTING

2x STUDS @ 16" O.C.

3 x PLATE (P.T.)

3/4" CDX PLYWOOD w/10d
NAILS @ 4"-4"-12"
PANEL INDEX <= 24"

PLYWOOD PER SHEAR
WALL SCHEDULE



CONT. 4x BLOCKING

FLOOR JOIST REF.

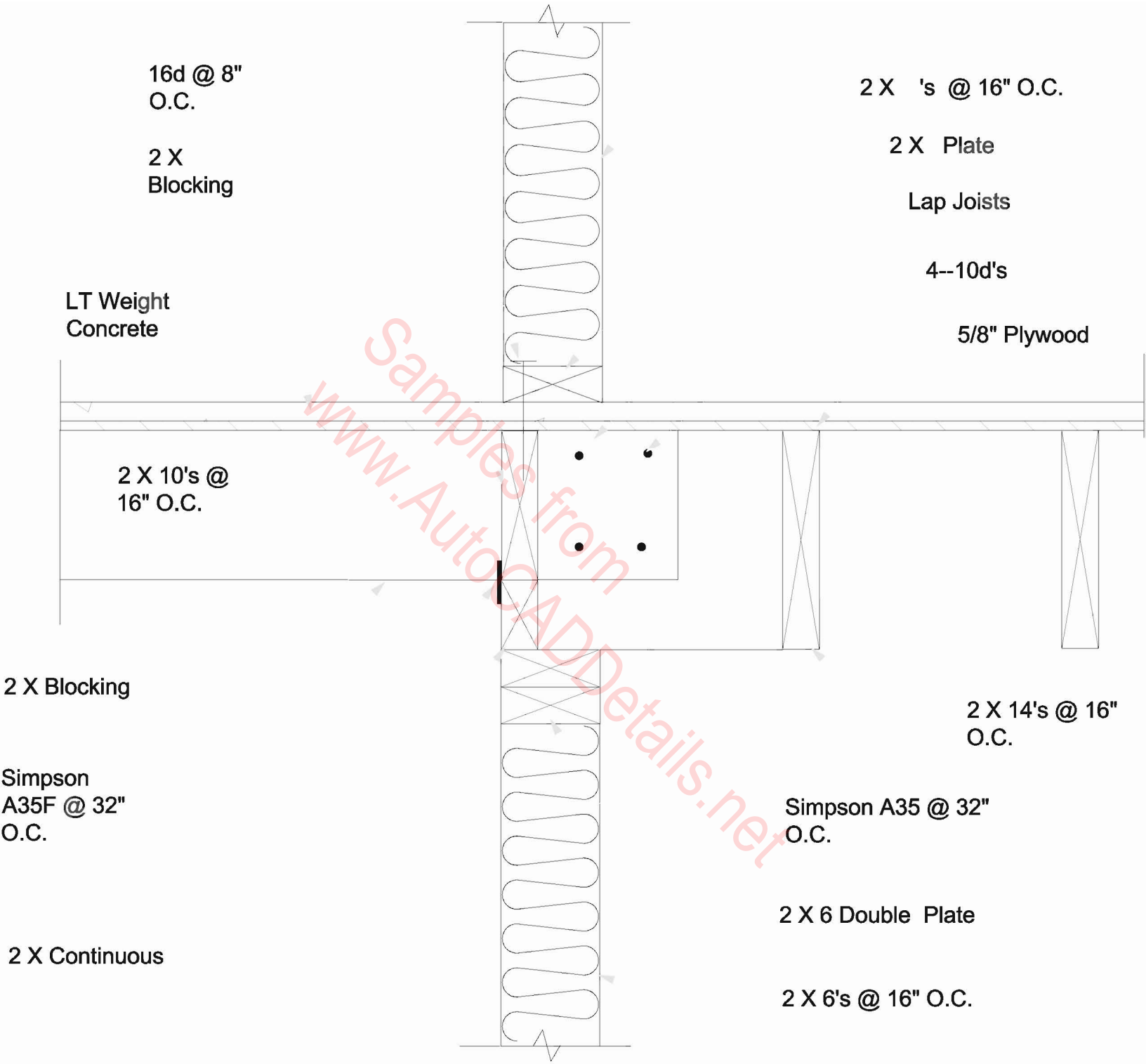
16"x18" CONC. FOOTING

& 1-CONT. #5 BAR @ TOP
f'c=2,500 PSI
STEM THICKNESS 8" MIN.

5/8"Ø "J" BOLTS
PER SHEAR WALL
SCHEDULE

Samples from www.AutoCADDetails.net

INTERIOR WALL FOOTING



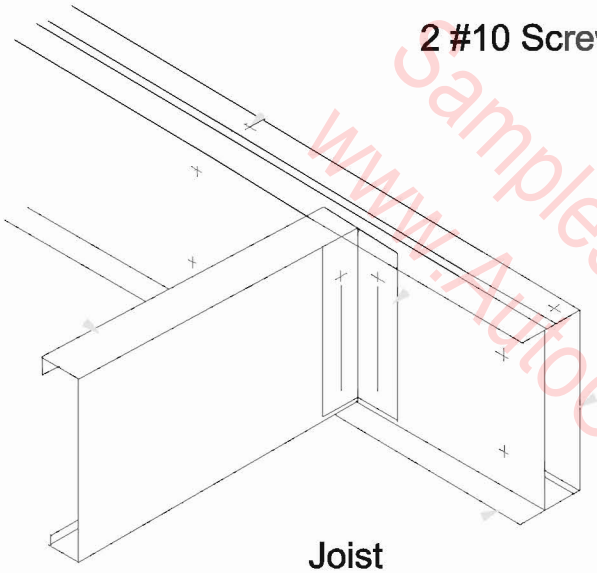
Samples from www.AutoCADDetails.net

Interior Wall--Unequal joists

2 #10 Screws @ 16" O.C.

Clip Angle, 1/2" less than joist depth (screw as req'd)

Joist



Joist & Track Header

Joist

JOIST HEADER TO FLOOR JOIST

Samples from www.AutoCADDetails.net

PARALLEL TO
JOISTS

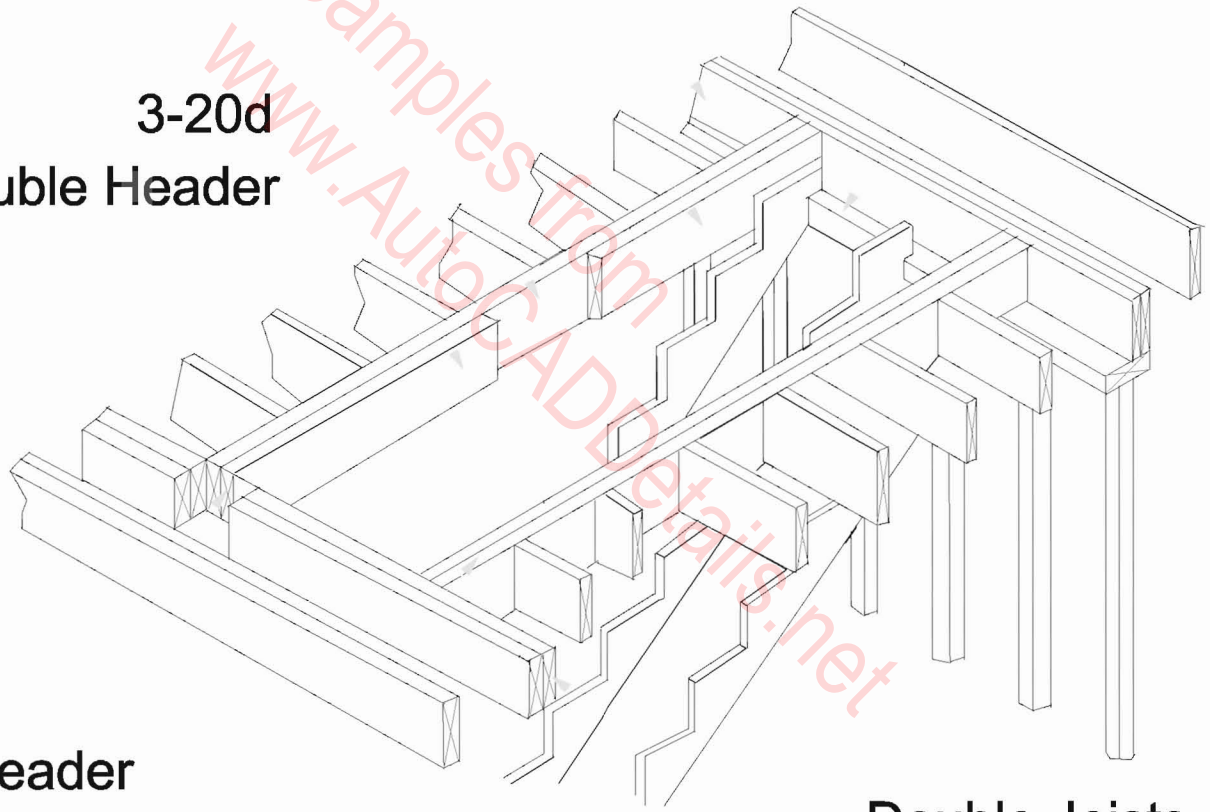
Double Joist

16d Staggared 6"
o.c.

2"x 4" Ledger

3-20d

Double Header



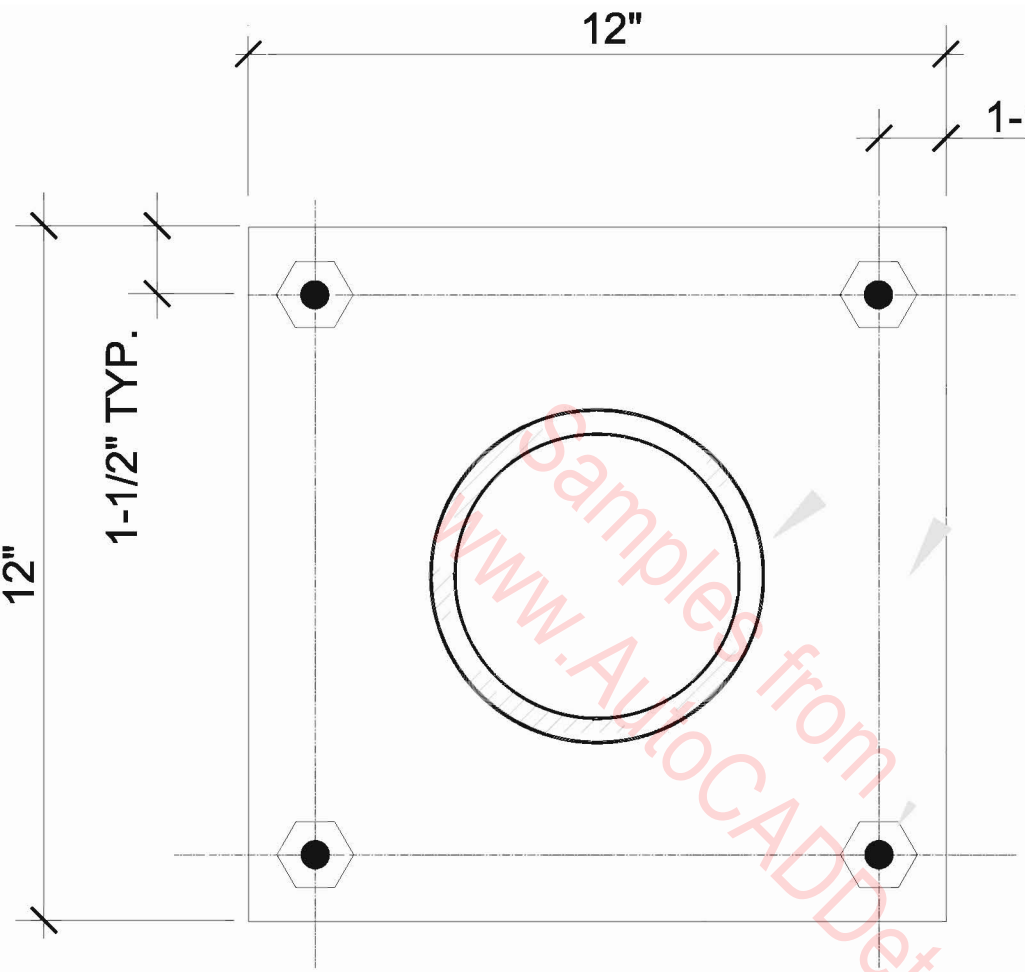
20d

Double Header

Double Joists

JOISTS PARALLEL TO STAIRS

SamplesFrom
www.AutoCADDetails.net



Samples from
www.AutoCADDetails.net

1/4"

BASE PLATE

KICKER BASE PLATE DETAIL

Gypsum wall board.

Finished flooring.

Subfloor

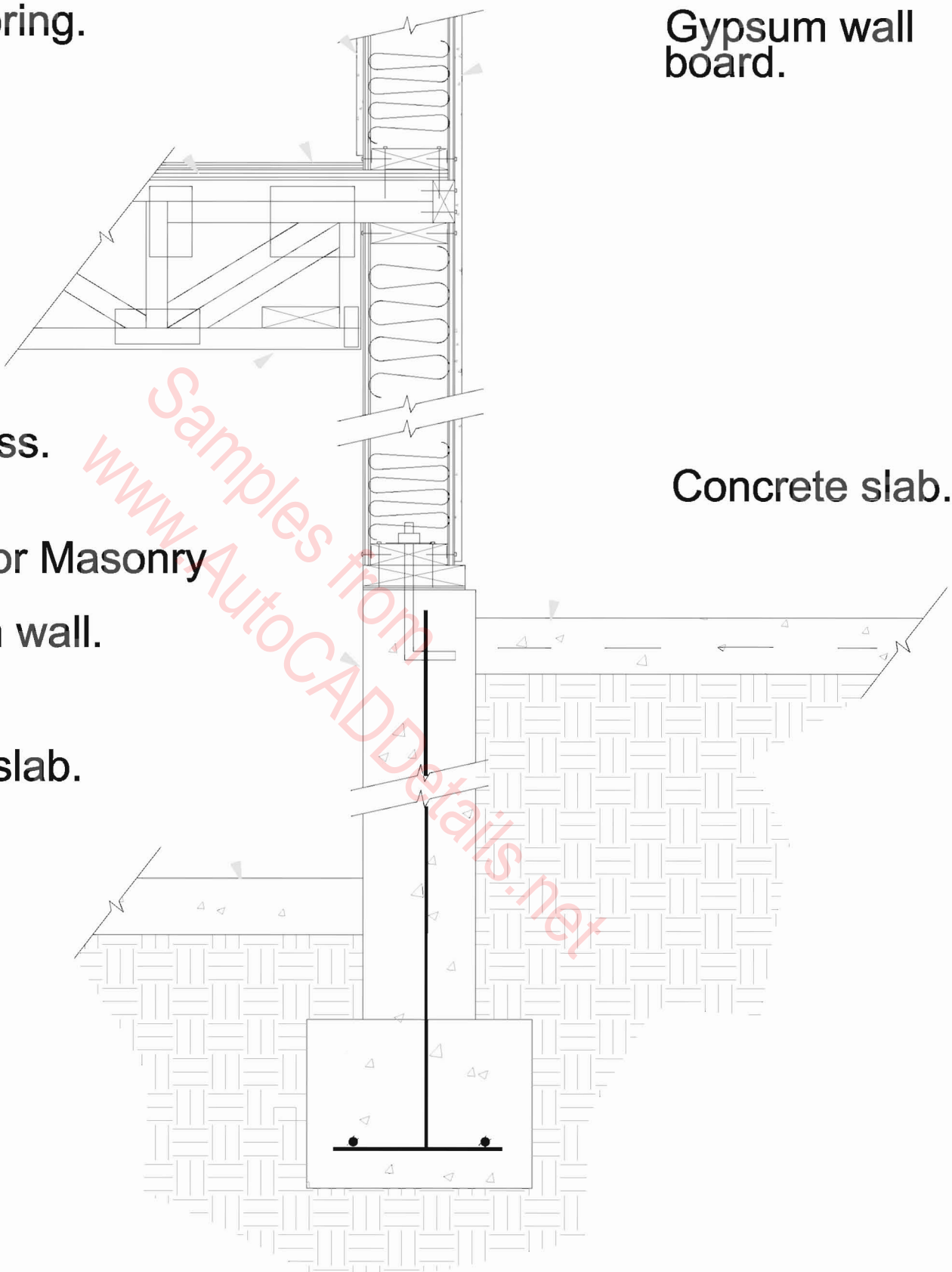
Gypsum wall board.

Floor truss.

Concrete slab.

Concrete or Masonry foundation wall.

Concrete slab.

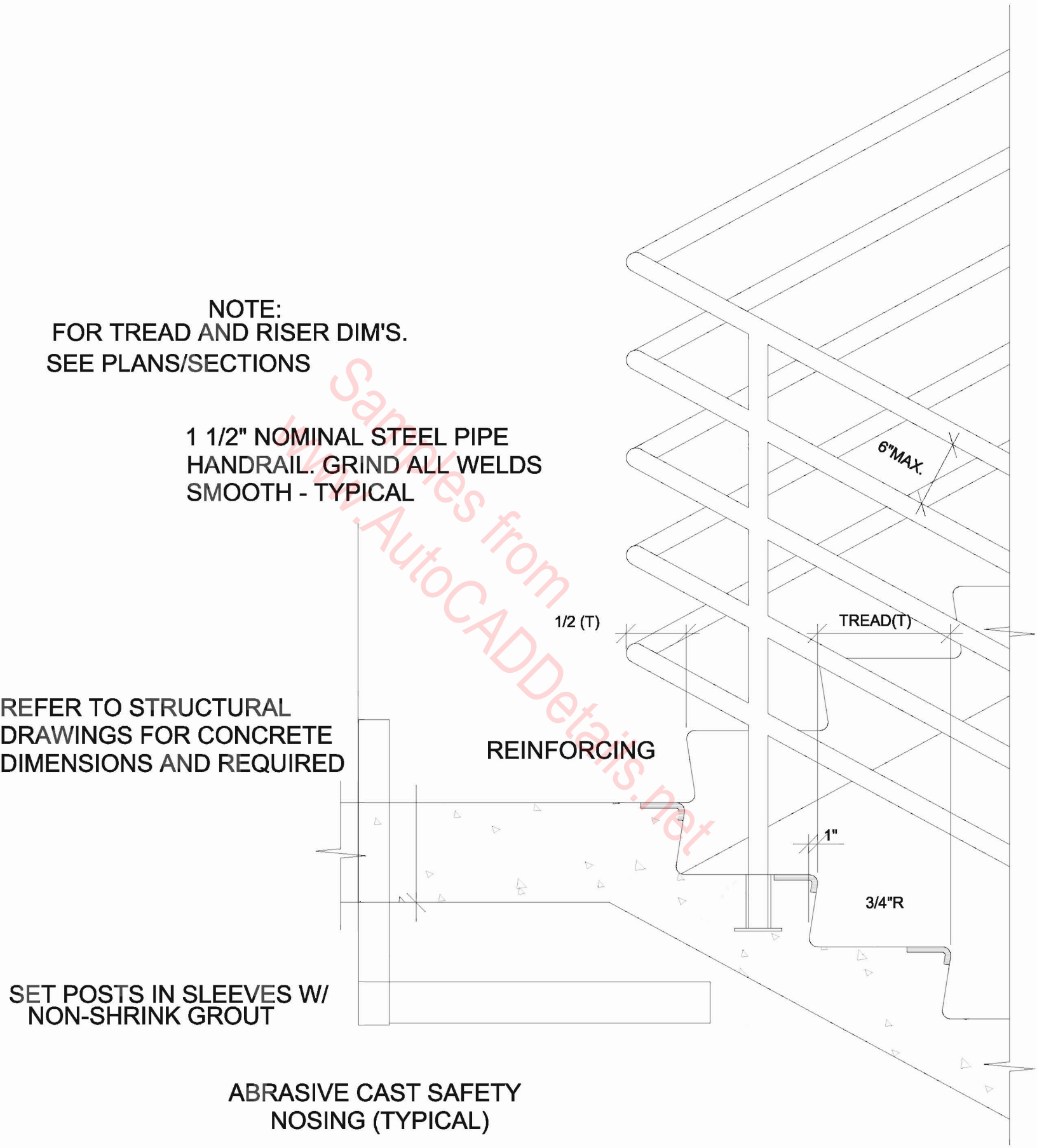


Samples from www.AutoCADDetails.net

Knee Wall Framing--Truss

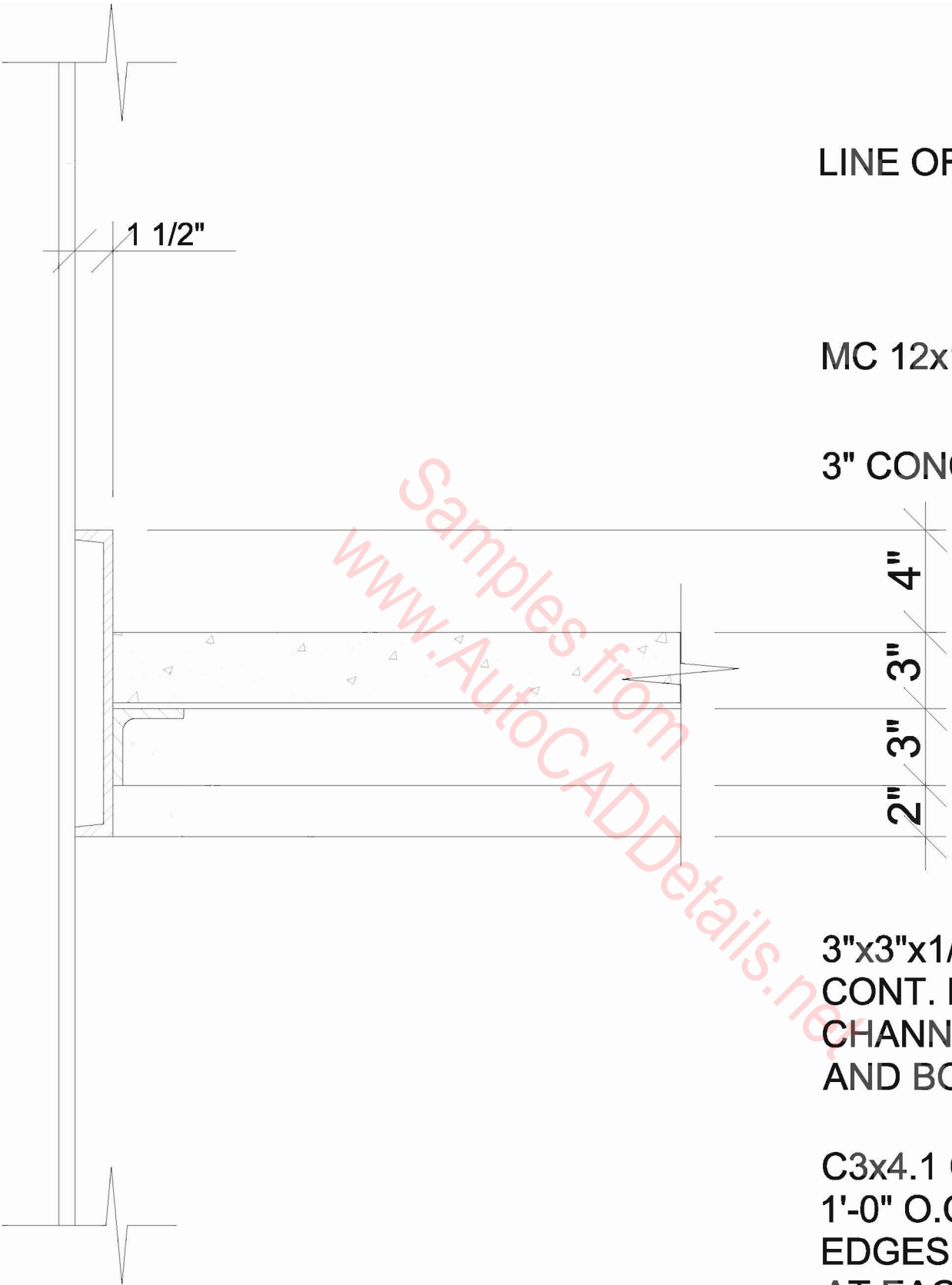
NOTE:
FOR TREAD AND RISER DIM'S.
SEE PLANS/SECTIONS

1 1/2" NOMINAL STEEL PIPE
HANDRAIL. GRIND ALL WELDS
SMOOTH - TYPICAL



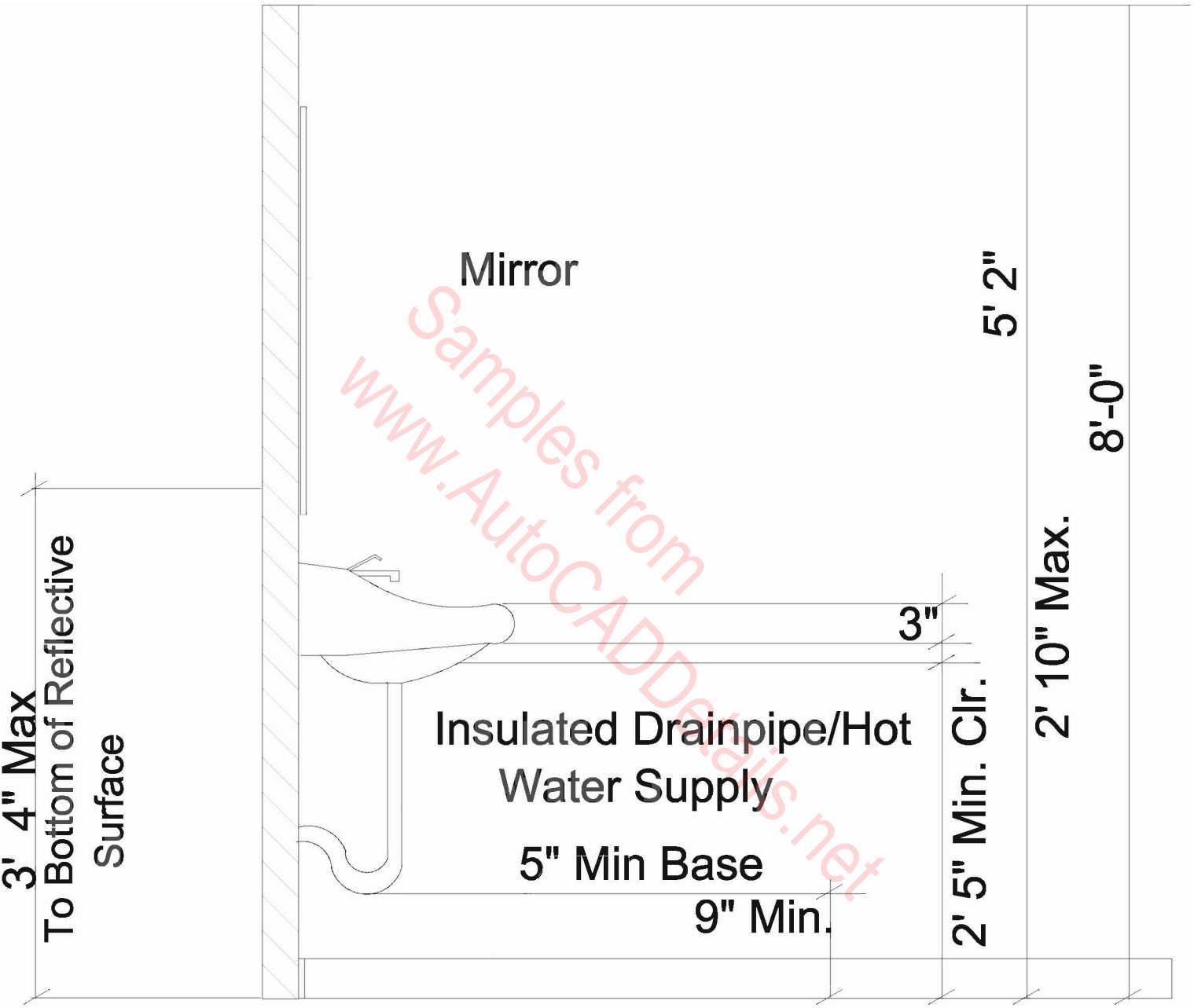
Samples from www.AutoCADDetails.net

LANDING AT CONCRETE STAIR



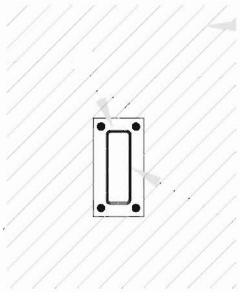
Samples from www.AutoCADDetails.net

LANDING AT STEEL STAIR SECTION



Samples from
www.AutoCADDetails.net

LAVATORY SECTION--WALL HUNG

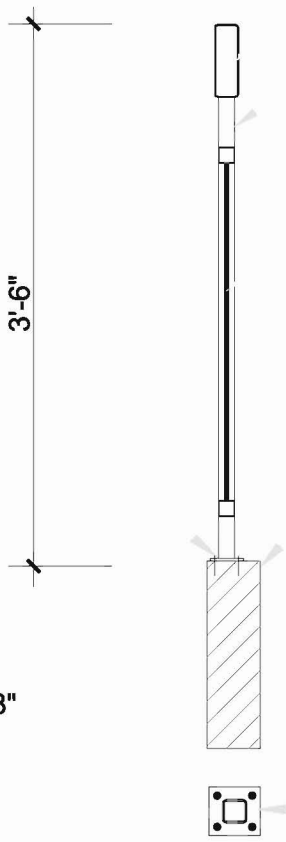


3/16"

FACE OF THE WALL
3/8"x6"x10" PL.

<4" CLR. MAX. (TYP.)

2"x6" TS, ATTACH TO WALL FRAMING w/ 4-1/4"Øx3-1/2" LAG SCREWS TO (N) 4x SOLID BLK'G OR (N) 4x RIM JOIST, SIM TO BALCONY FLOOR



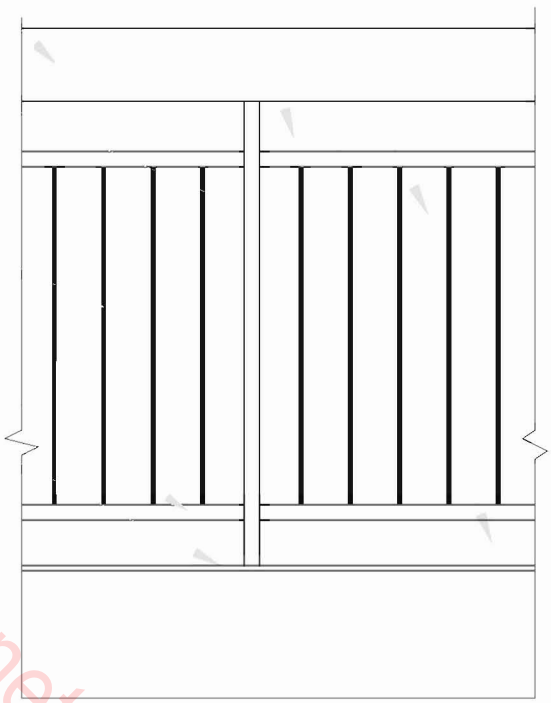
3'-6"

1 1/4"x1 1/4" TUBE
@ 4'-0" MAX.

1/2"x1/2" □ BAR
@ 4" O.C.

1 1/4"x1 1/4" TUBE

CMU WALL



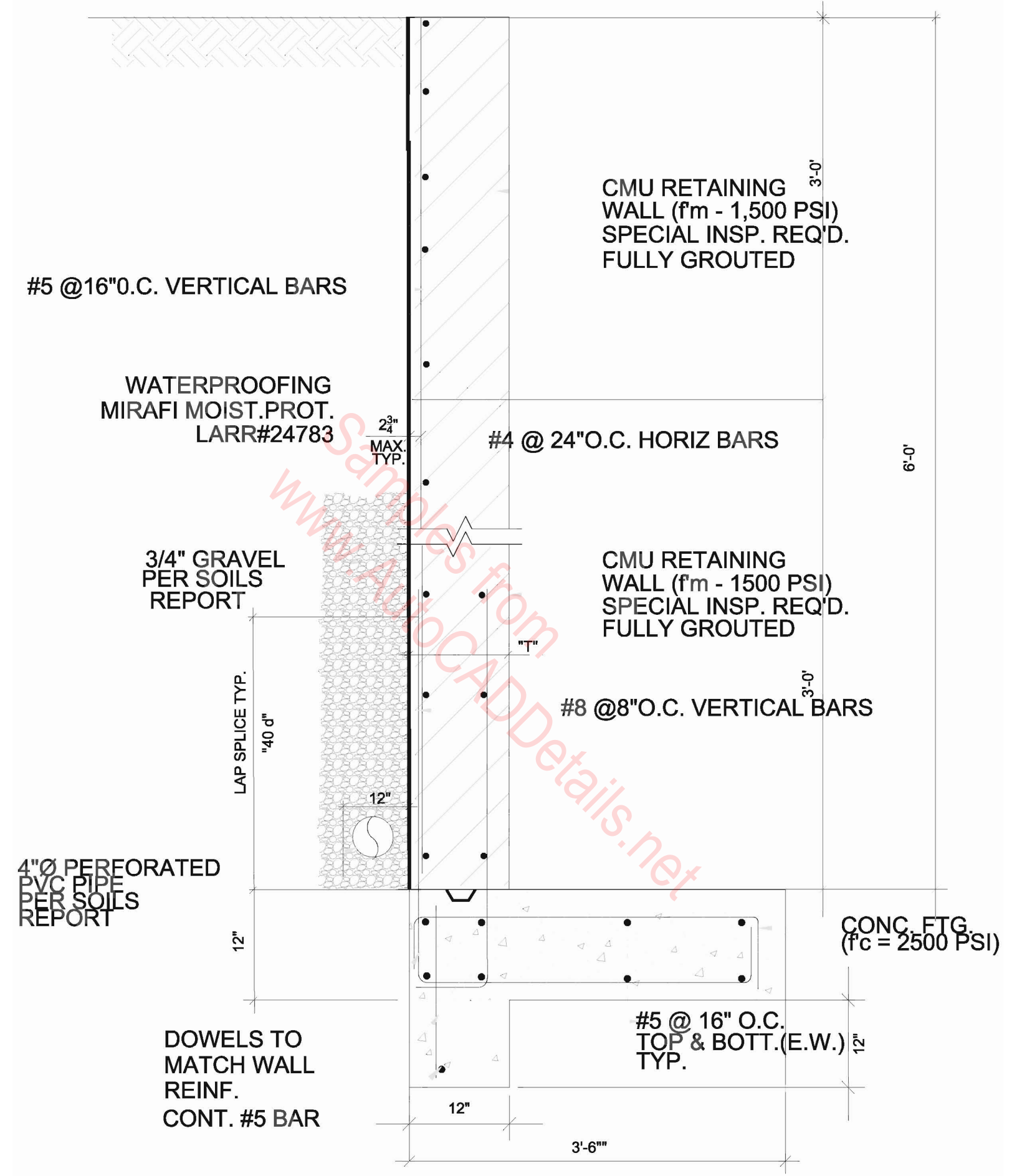
1/8"

1/4"X4X4 BASE PLATE
W/4-1/4"Ø A.BOLT (4" EMB.)

SPECIAL INSPECTION REQUIRED FOR ALL FIELD WELDING

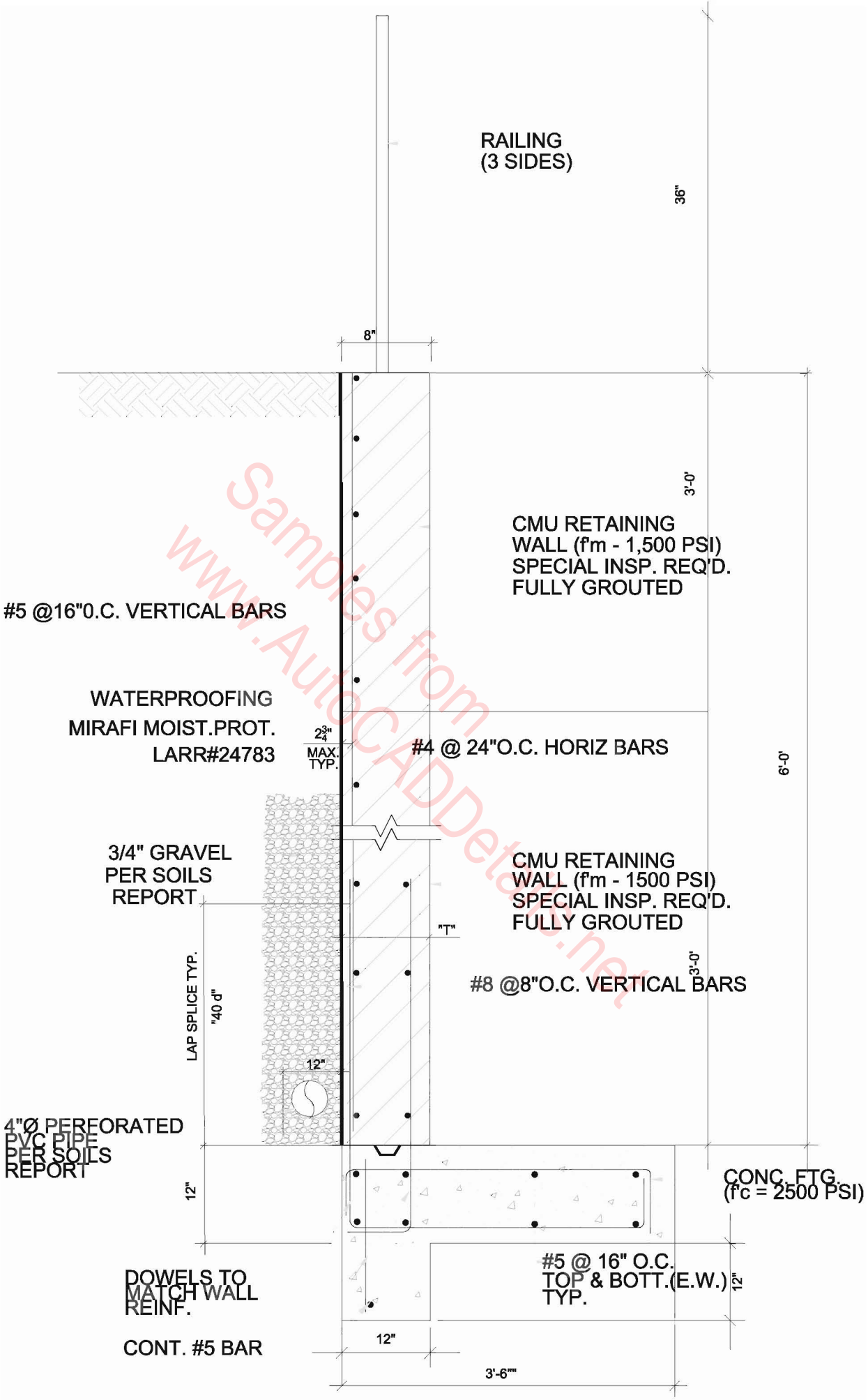
Samples from www.AutoCADDetails.net

LIGHTWELL RAILING DETAIL



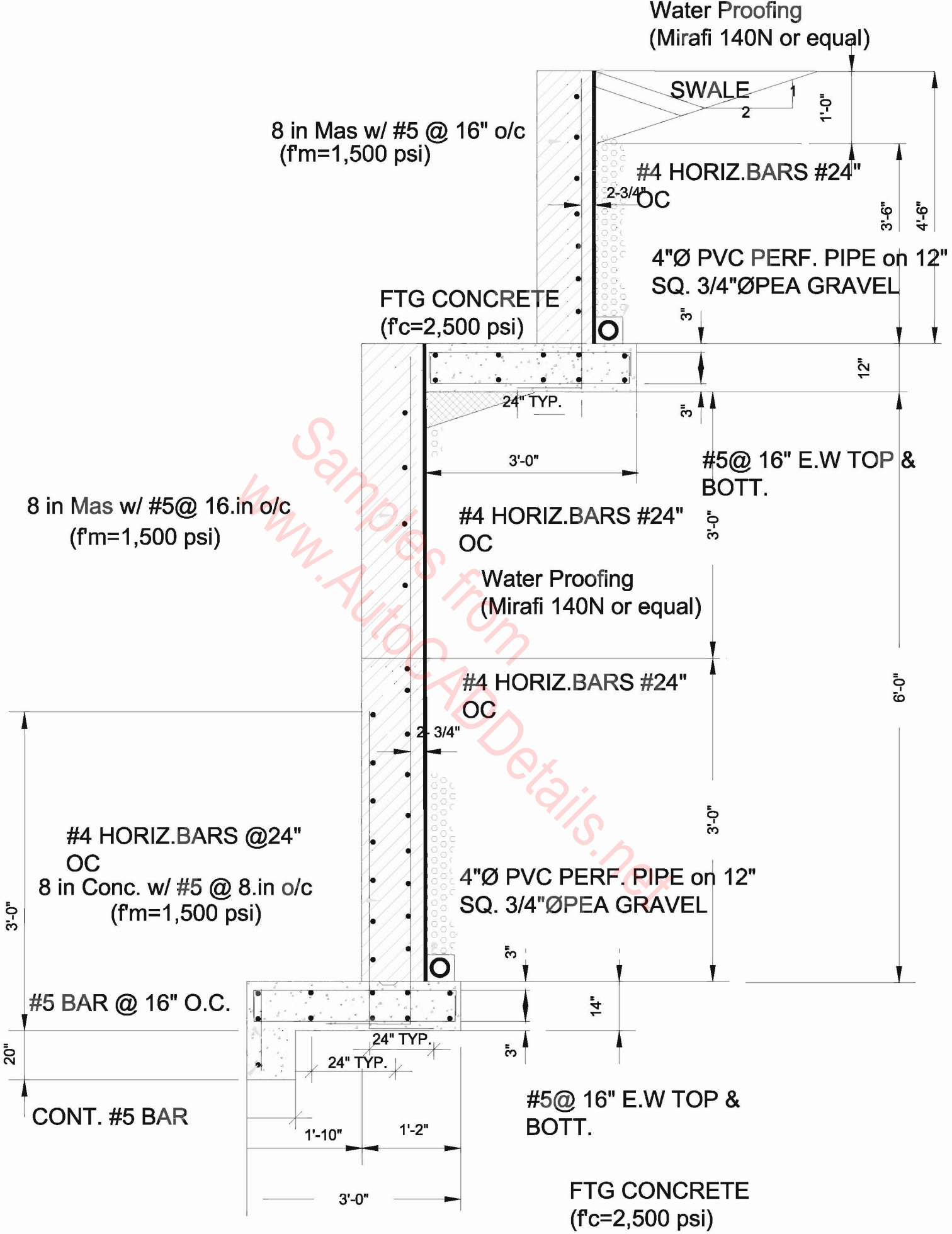
Samples from
www.AutoCADDetails.net

LIGHTWELL RETAINING WALL



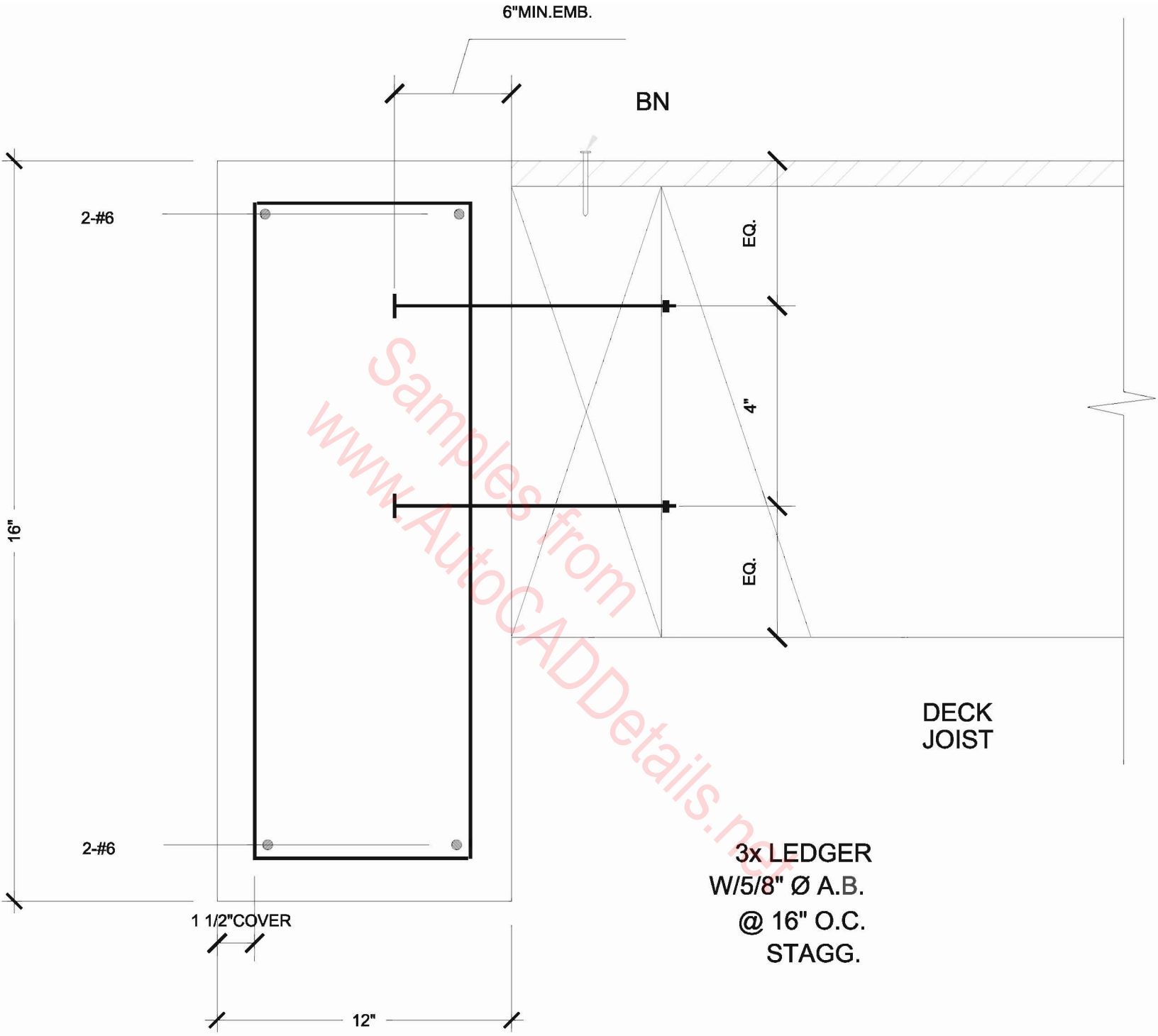
Samples from www.AutoCADDetails.net

LIGHTWELL RETAINING WALL



Samples from www.AutoCADDetails.net

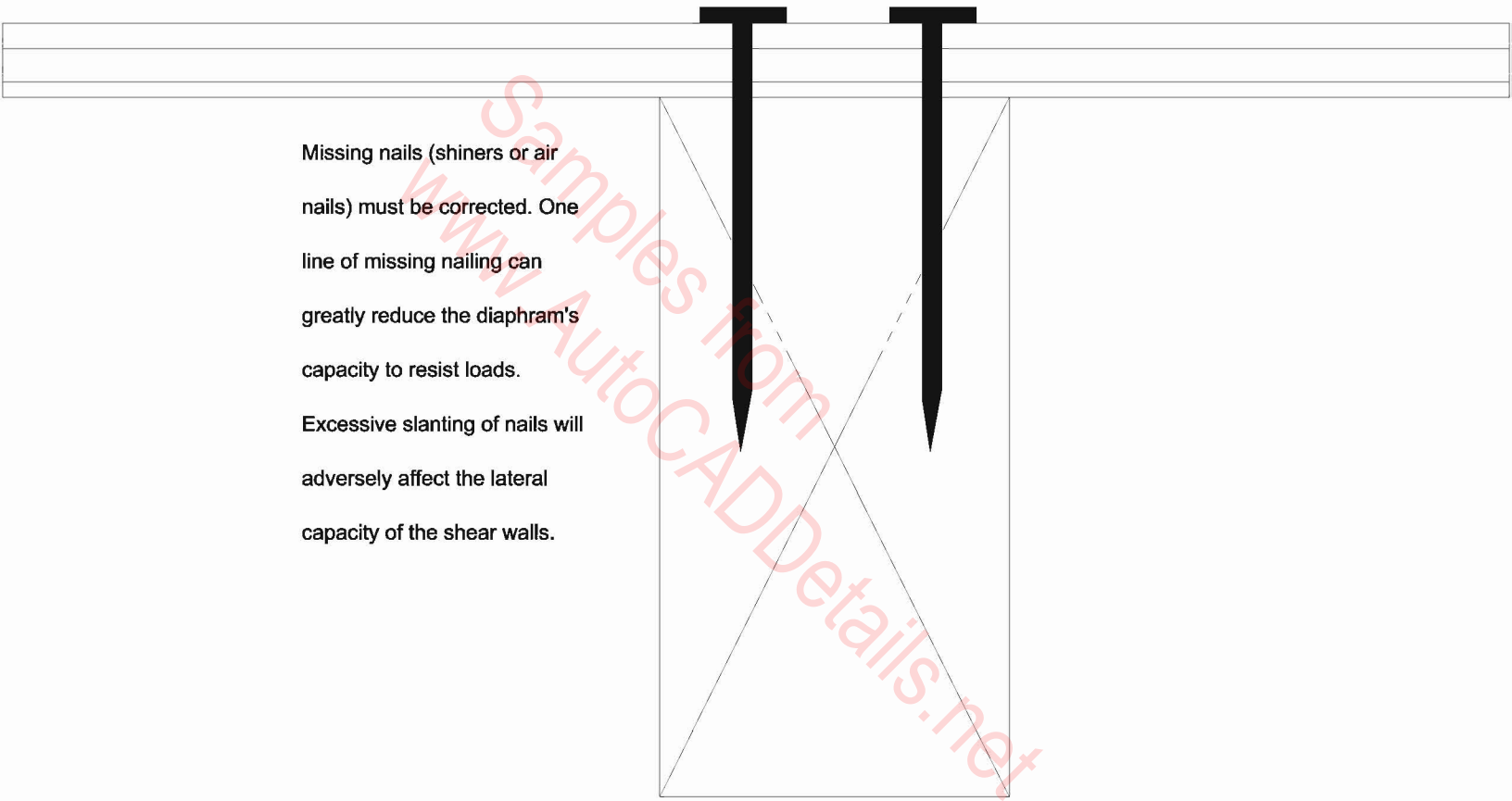
LIGHTWELL SPLIT RETAINING WALL DET.



Samples from
www.AutoCADDetails.net

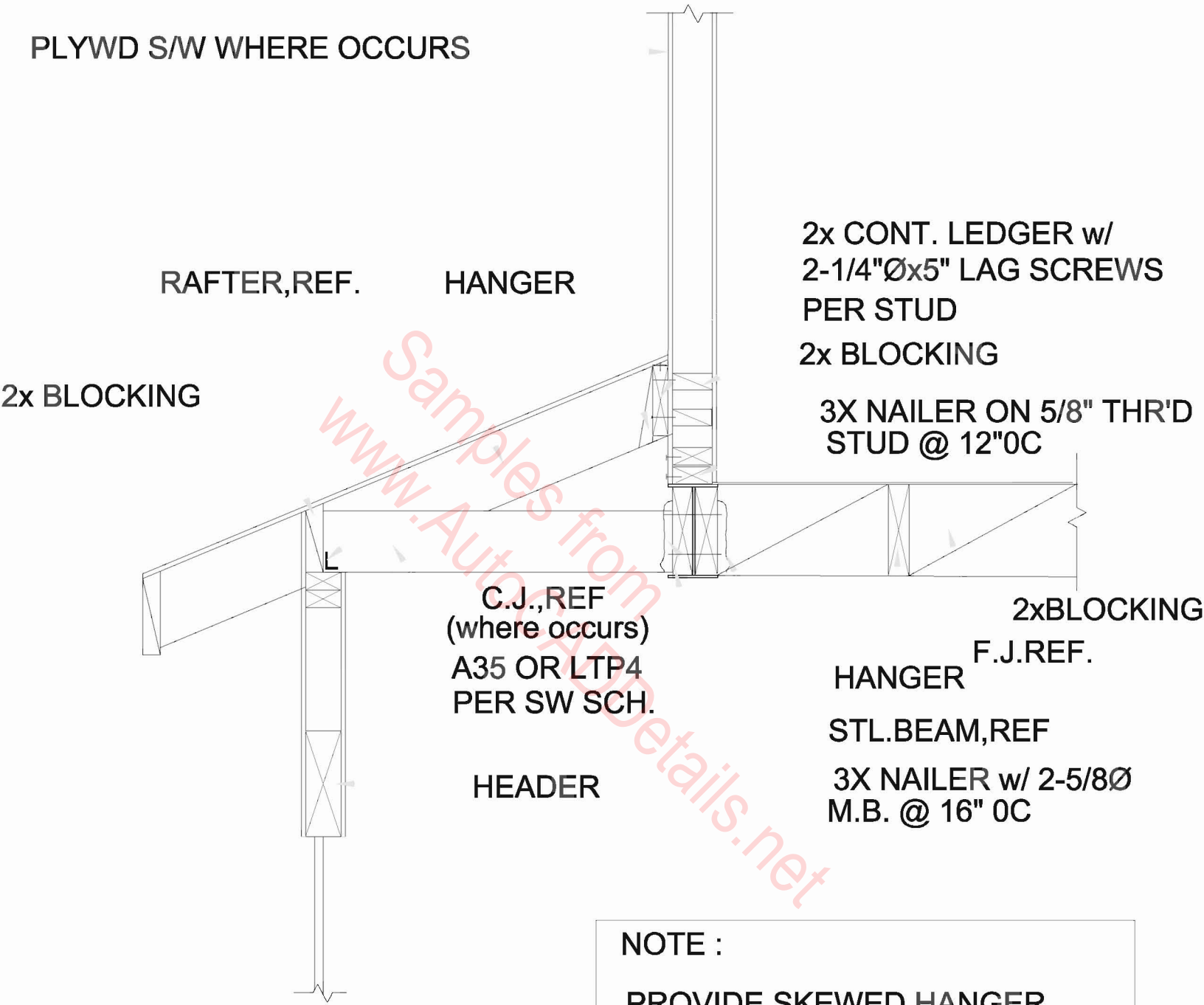
LINTEL BEAM

Missing nails (shiners or air nails) must be corrected. One line of missing nailing can greatly reduce the diaphram's capacity to resist loads. Excessive slanting of nails will adversely affect the lateral capacity of the shear walls.



LOAD--Path Nailing

Samples from www.AutoCADDetails.net

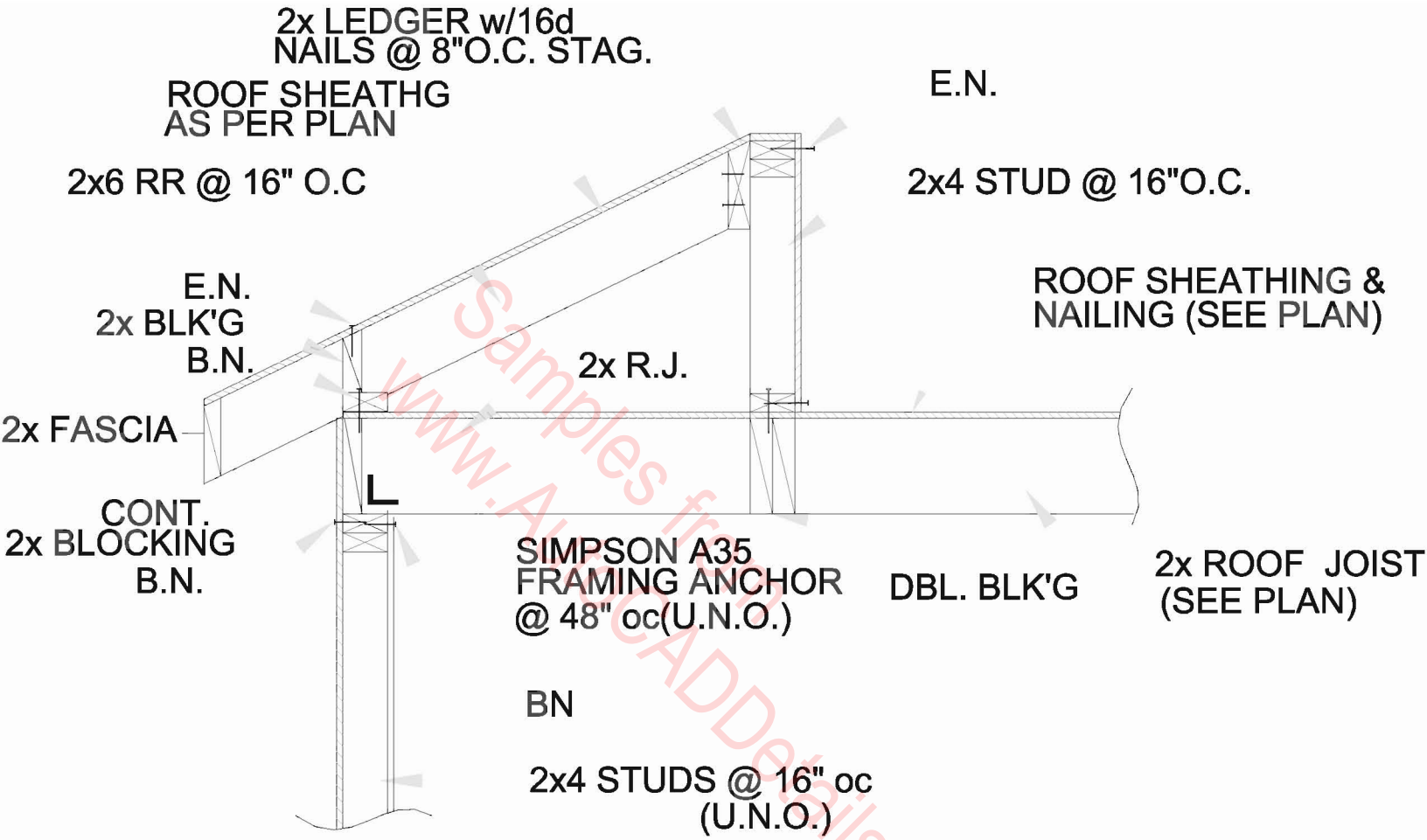


Samples from www.AutoCADDetails.net

NOTE :

PROVIDE SKEWED HANGER HSUR/L 4.12/16 FOR HIP BM (SEE DET.8 ON THIS SHT)

LOW RR -WD BEAM DETAIL



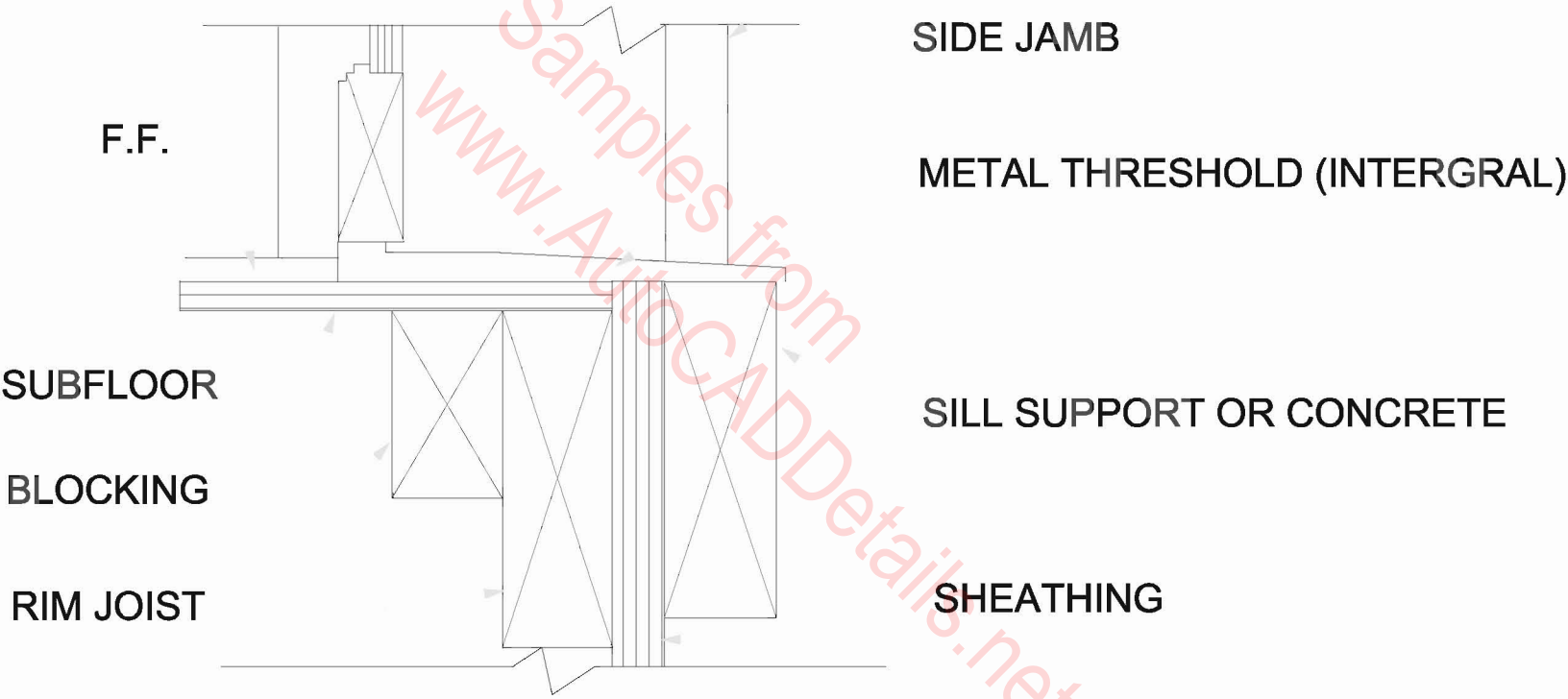
Samples from
www.AutoCADDetails.net

MANSARD DETAIL

METAL DECK PUDDLE WELDING SCHEDULE				
DETAIL TYPE	END WELD	EDGE WELD	MARGINAL WELD	INTERMEDIATE WELD
PLB 36 GAGE 22	4-3/4"Ø PUDDLE WELD	3/4" PUDDLE WELD @ 12" OC	3/4" PUDDLE WELD @ 12" OC	4-3/4" PUDDLE WELD

METAL DECK WELDING SCHEDULE

Samples from www.AutoCADDetails.net

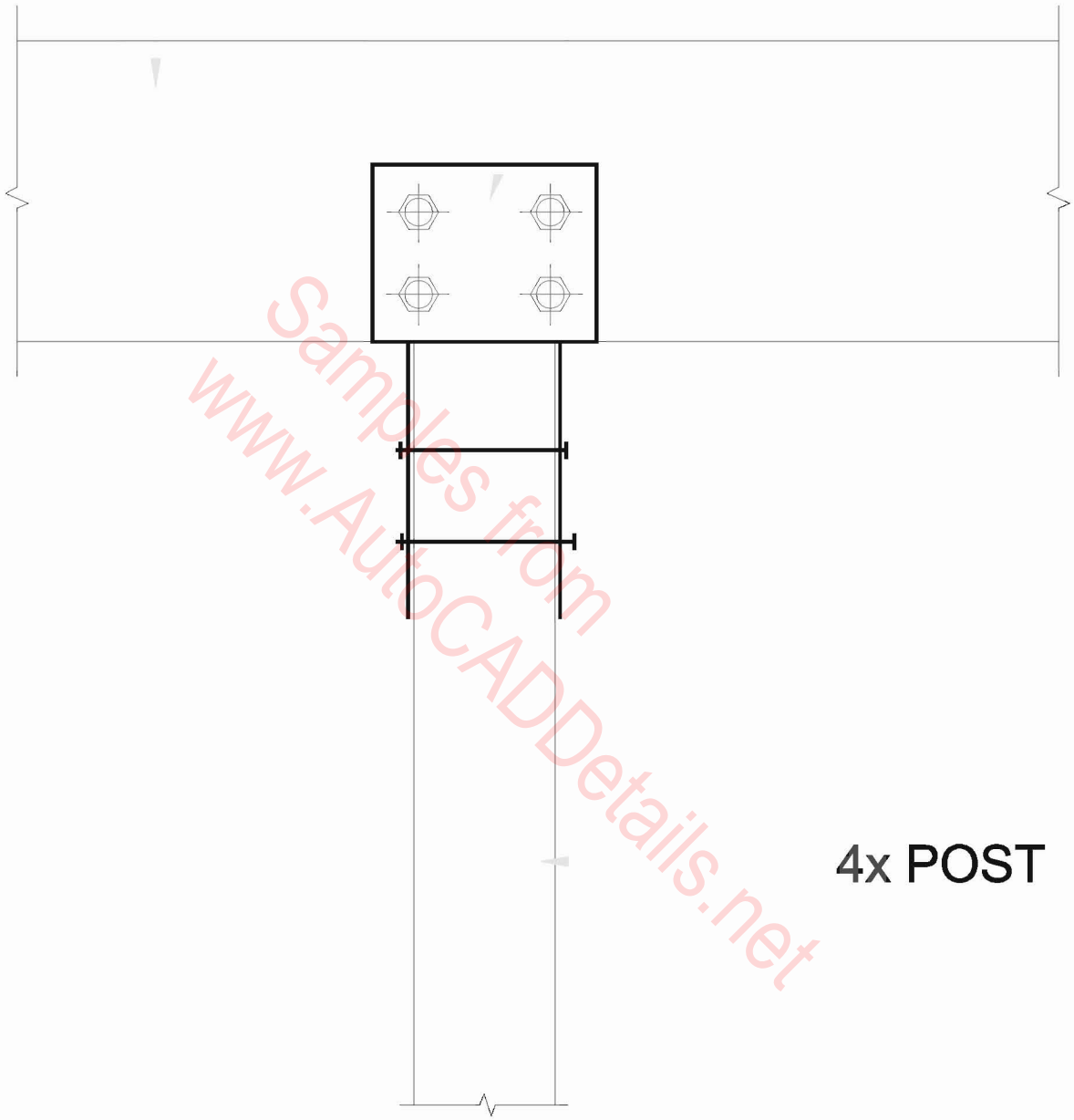


METAL WINDOW DETAIL

Samples from www.AutoCADDetails.net

WOOD BEAM, REF.

CC, REF.



4x POST

Samples from
www.AutoCADDetails.net

MID POST BEAM DETAIL

BOLT SIZE	PLATE SIZE
1/2"	3/16" x 2" x 2"
5/8"	1/4" x 2-1/2" x 2-1/2"
3/4"	5/16" x 2-3/4" x 2-3/4"
7/8"	5/16" x 3" x 3"
1"	3/8" x 3-1/2" x 3-1/2"

Samples from www.AutoCADDetails.net

"IN LIEU OF CUT WASHERS THE FOLLOWING APPROVED PLATE WASHERS" TO BE USED FOR PLYWOOD SHEAR WALL SILL PLATE ANCHOR BOLTS, AND FOR HOLD DOWN CONNECTOR BOLTS AT SHEAR WALLS.

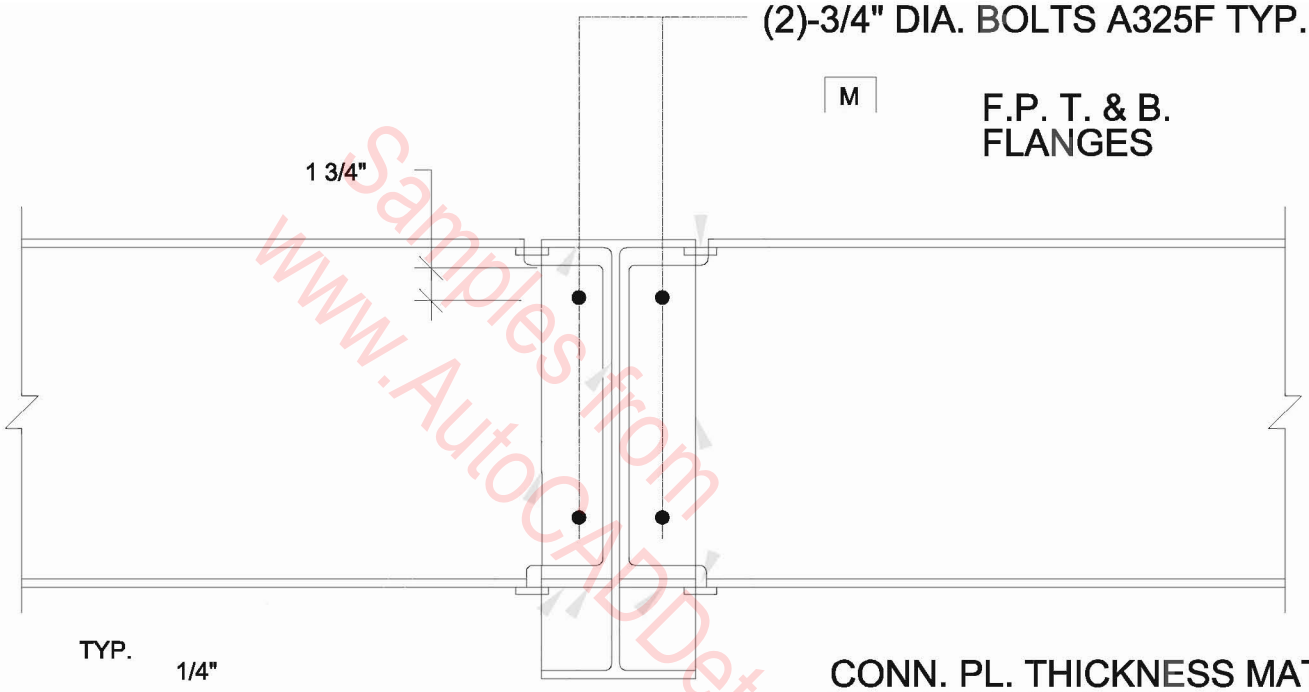
MIN. SIZE FOR SQUARE PL. WASHERS

BOLT SIZE	PLATE SIZE
1/2"	3/16" x 2" x 2"
5/8"	1/4" x 2-1/2" x 2-1/2"
3/4"	5/16" x 2-3/4" x 2-3/4"
7/8"	5/16" x 3" x 3"
1"	3/8" x 3-1/2" x 3-1/2"

Samples from www.AutoCADDetails.net

"IN LIEU OF CUT WASHERS THE FOLLOWING APPROVED PLATE WASHERS" TO BE USED FOR PLYWOOD SHEAR WALL SILL PLATE ANCHOR BOLTS, AND FOR HOLD DOWN CONNECTOR BOLTS AT SHEAR WALLS.

MIN. SIZE FOR SQUARE PL. WASHERS



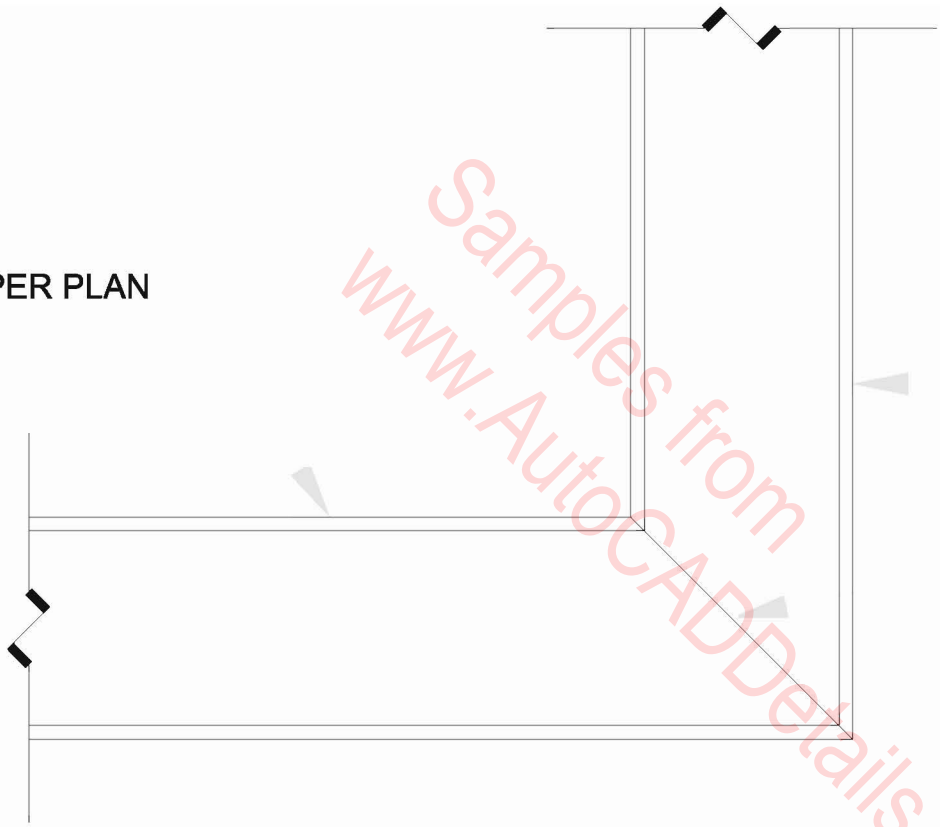
Samples from www.AutoCADDetails.net

MOMENT CONNECTION

T.S. PER PLAN

T.S. PER PLAN

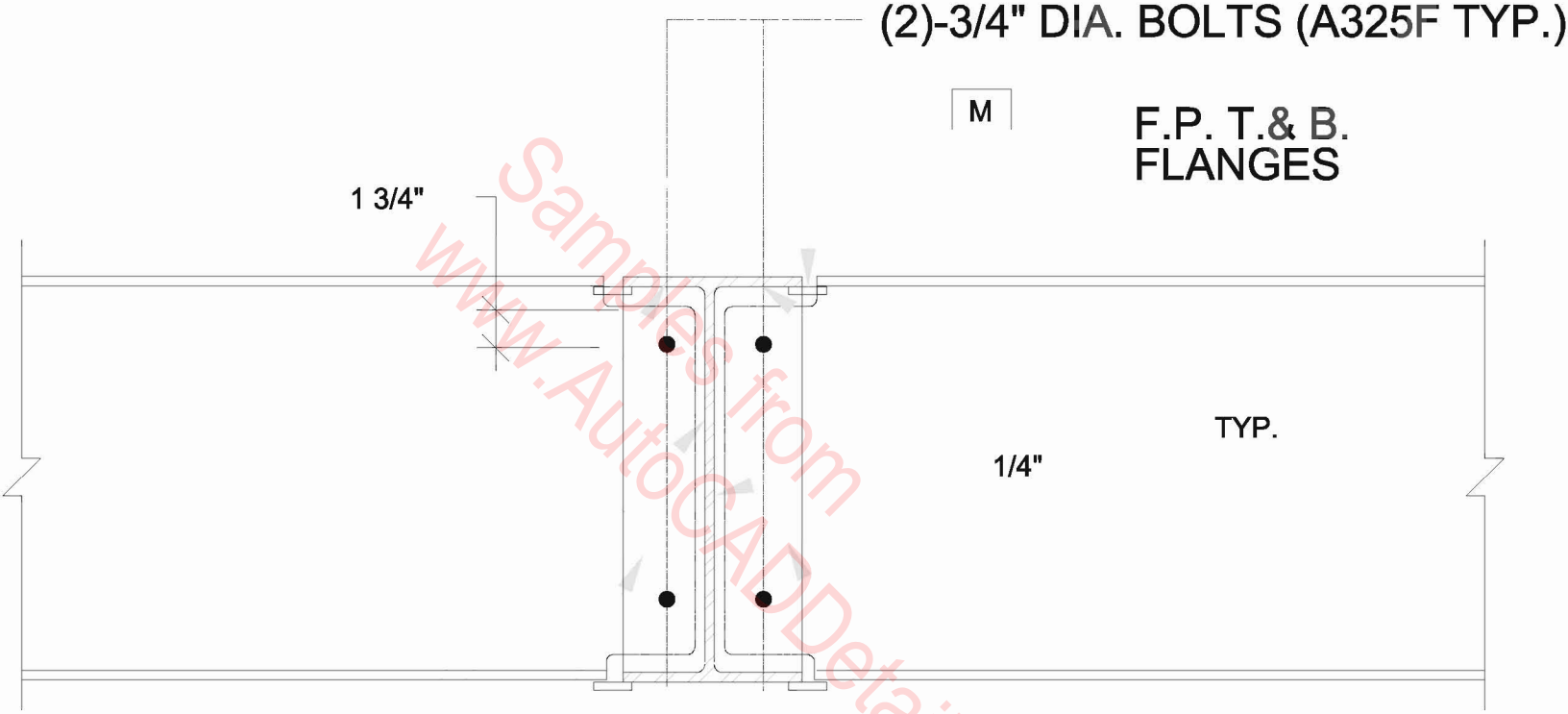
TYP.



Samples from
www.AutoCADDetails.net

PLAN VIEW

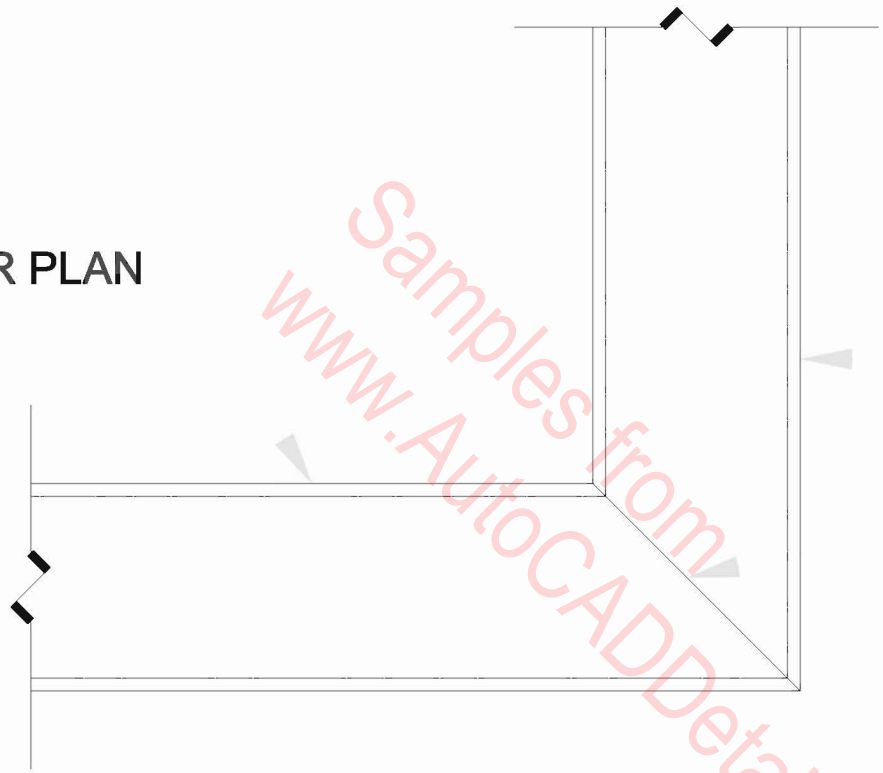
MOMENT CONNECTION



Samples from
www.AutoCADDetails.net

MOMENT CONNECTION

T.S. PER PLAN



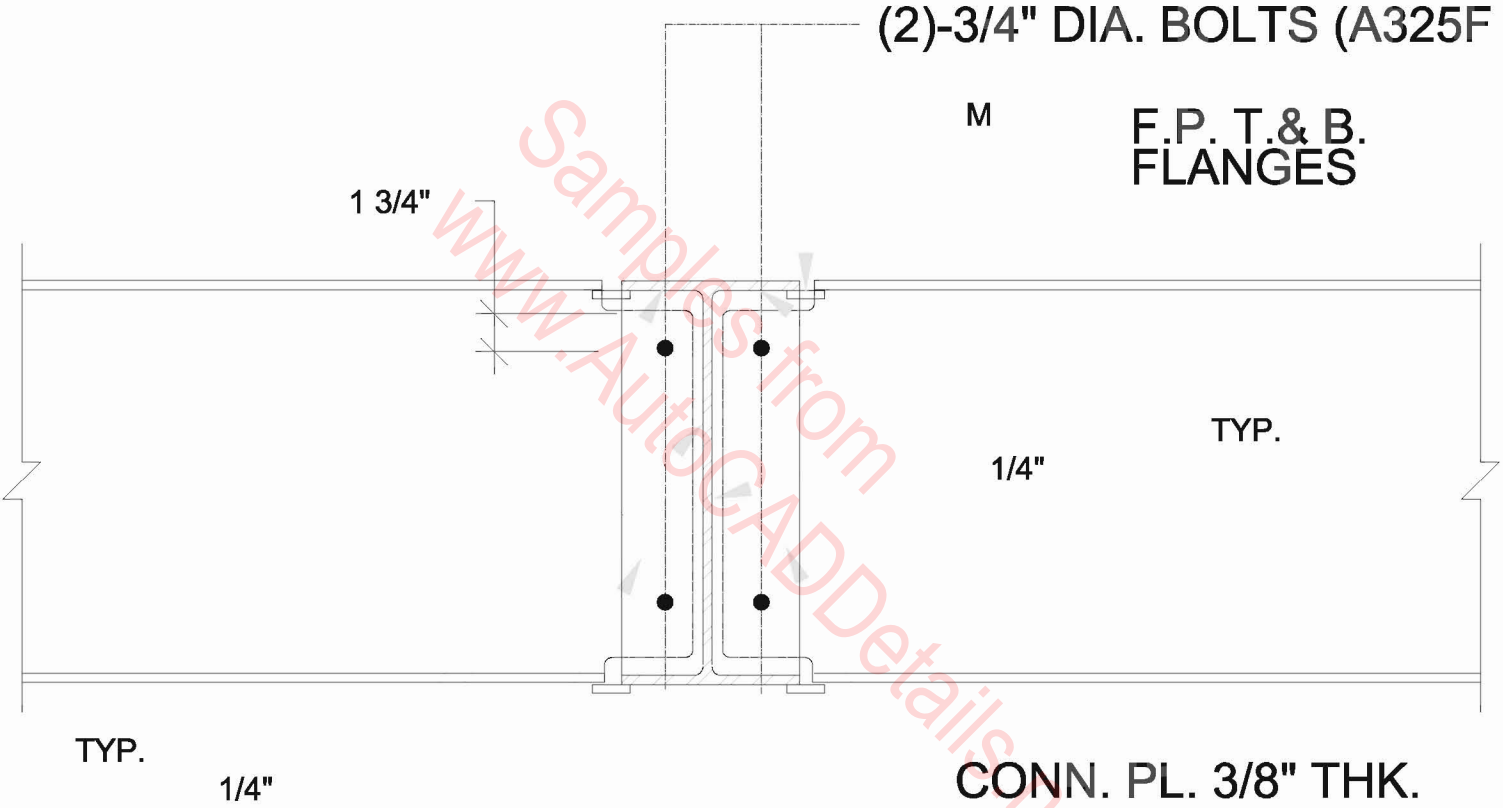
T.S. PER PLAN

TYP.

PLAN VIEW

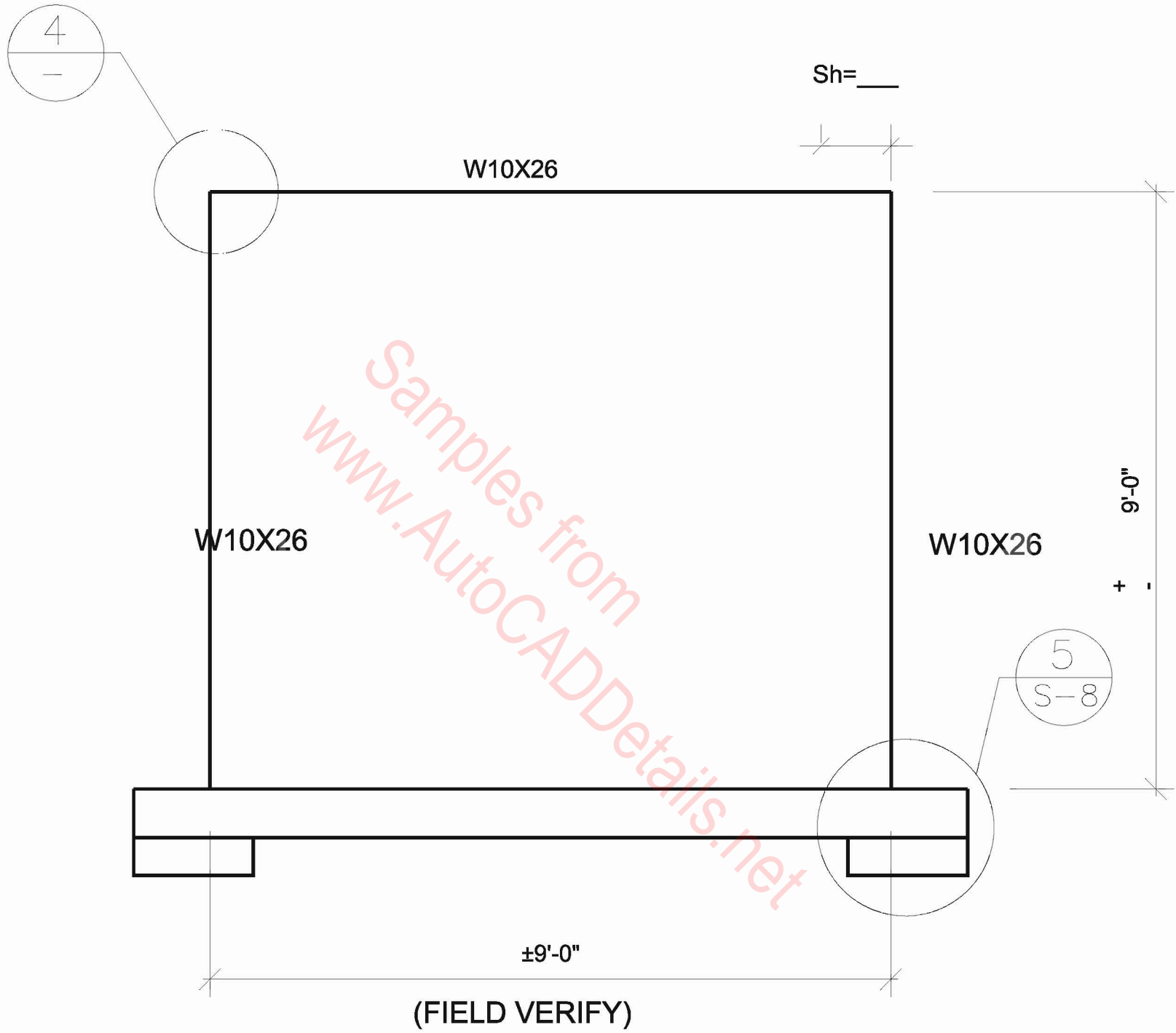
Samples from
www.AutoCADDetails.net

MOMENT CONNECTION



Samples from www.AutoCADDetails.net

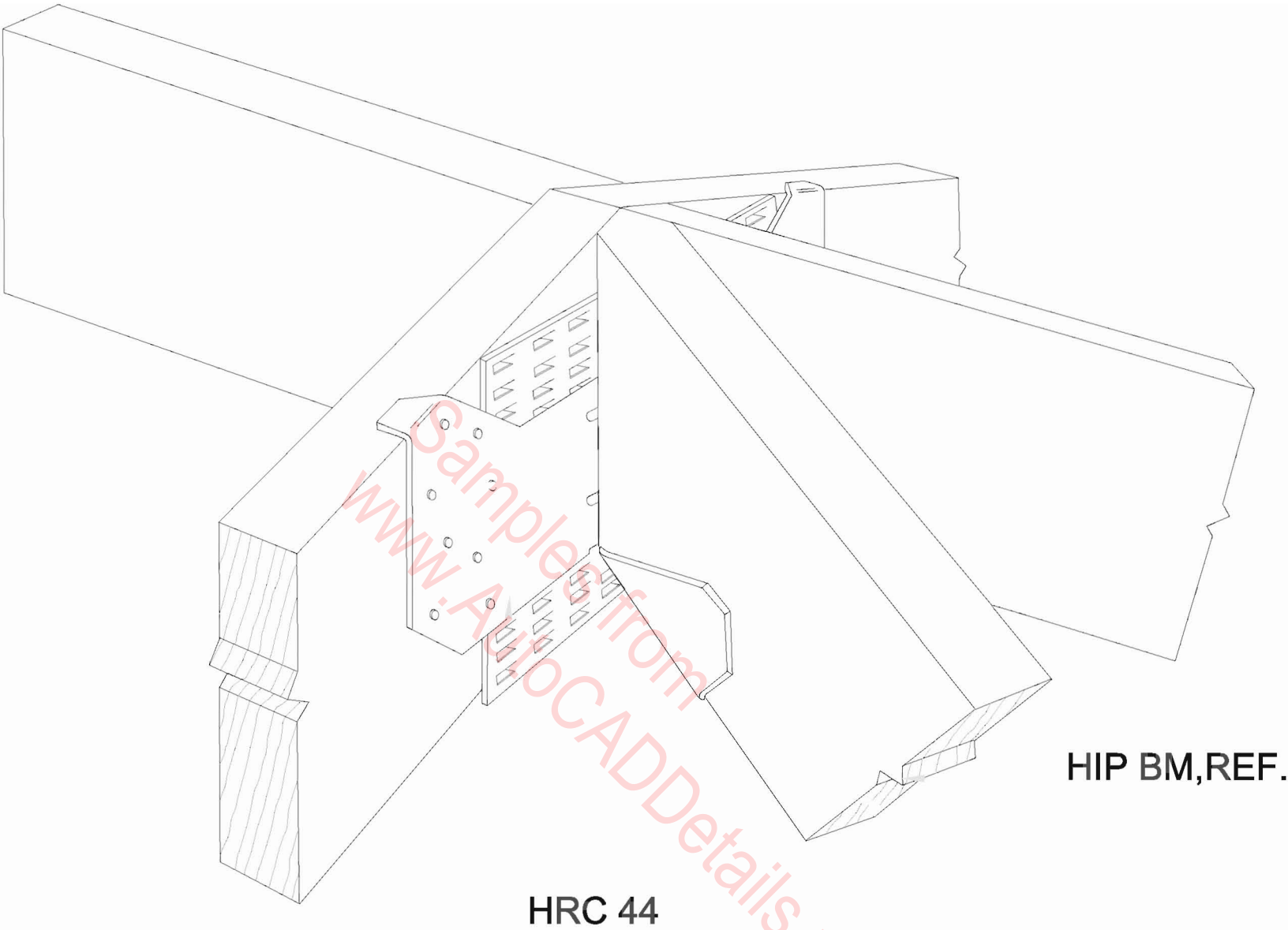
MOMENT CONNECTION



Samples from
www.AutoCADDetails.net

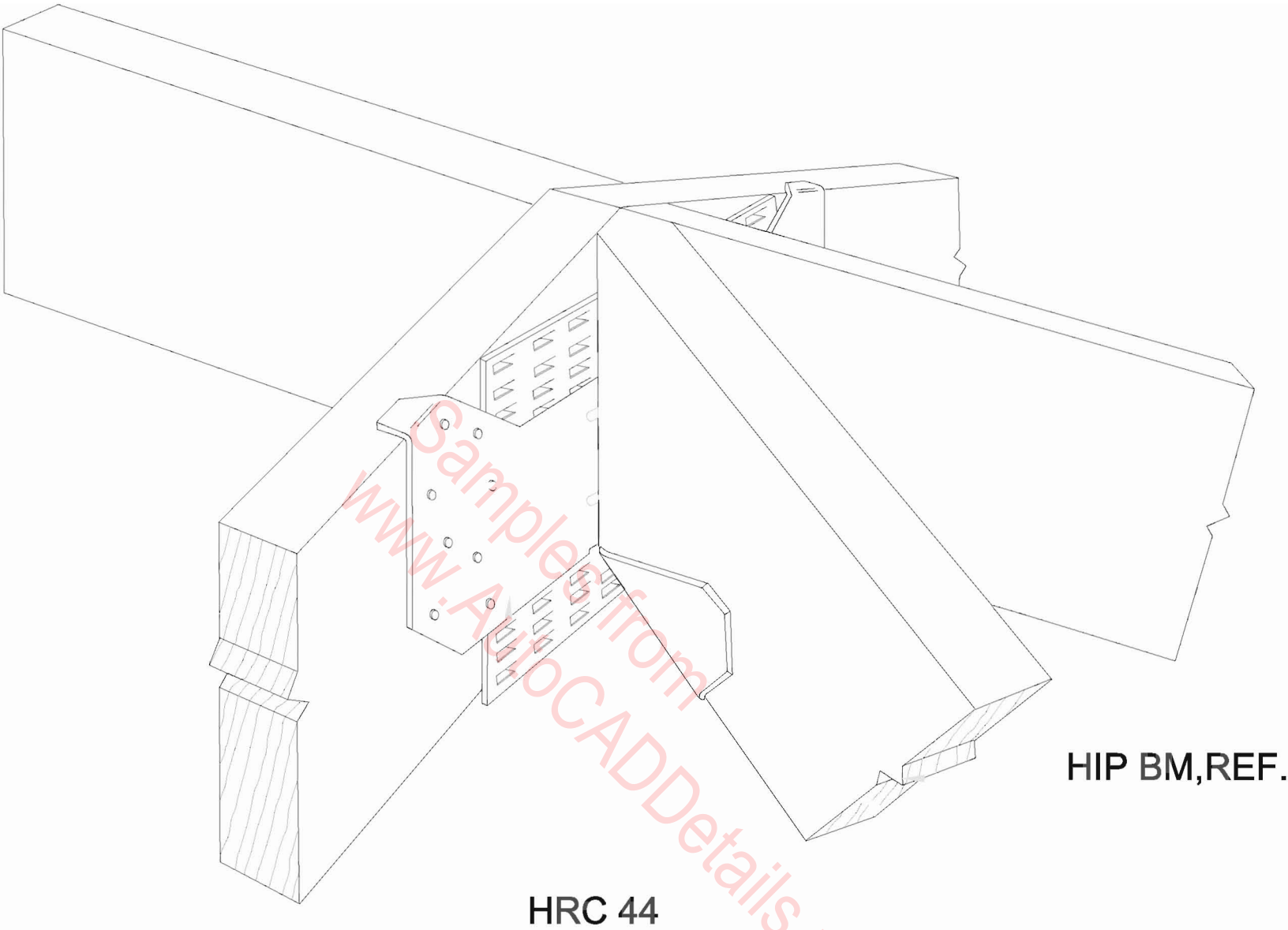
CONTRACTOR SHALL FIELD VERIFY ALL
DIMENSIONS PROR TO FABRICATION

MOMENT FRAME 1



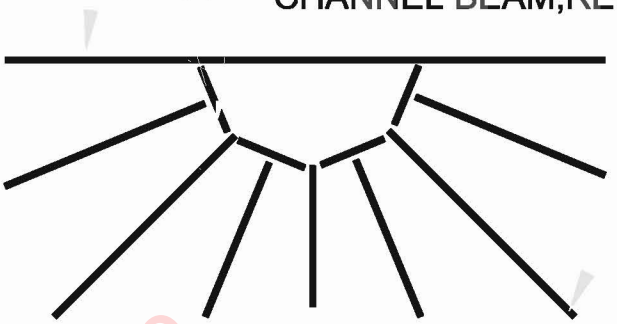
Samples from
www.AutoCADDetails.net

MULTIPLE HIP DETAIL



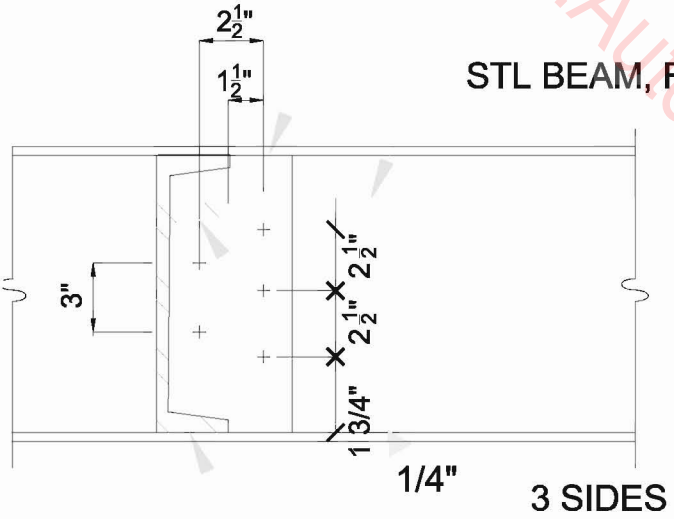
Samples from
www.AutoCADDetails.net

MULTIPLE HIP DETAIL

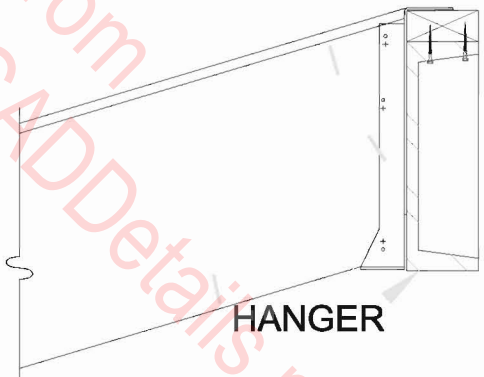


3/8" x 5 1/2" x 8"
END PL W/ 5- 5/8"Ø M.B.
W/ WASHER & NUT

5/8" CDX PLYWOOD
(T & G) w/ 10d NAILS @
4"-4"-12"



(N) C 8 x 11.5
SECTION-"A"



SECTION-"B"

Samples from www.AutoCADDetails.net

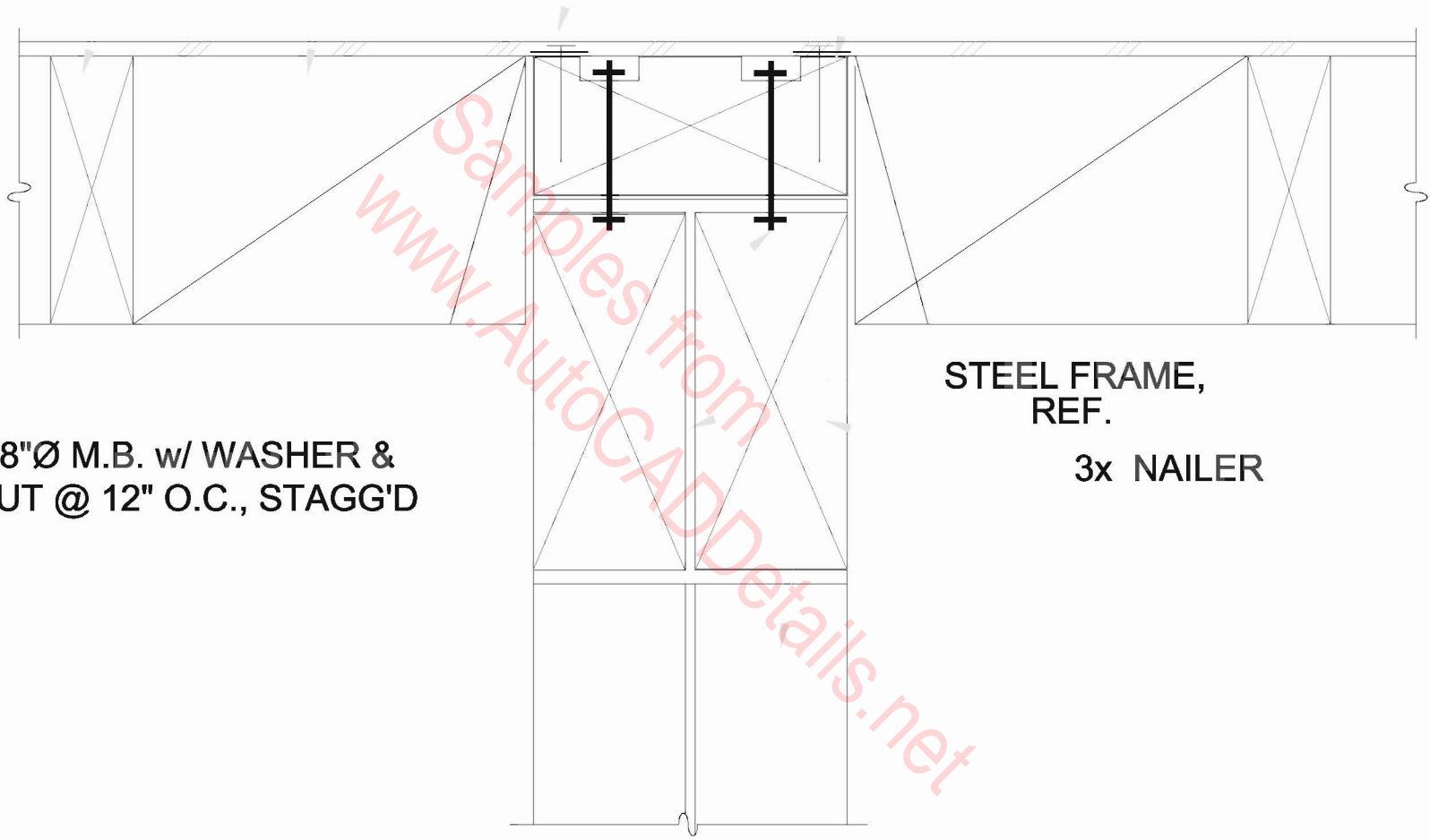
MULTIPLE RAFTER DETAIL

FULL DEPTH
2x BLK'G

B.N.

R.R., REF.

3x NAILER



STEEL FRAME,
REF.

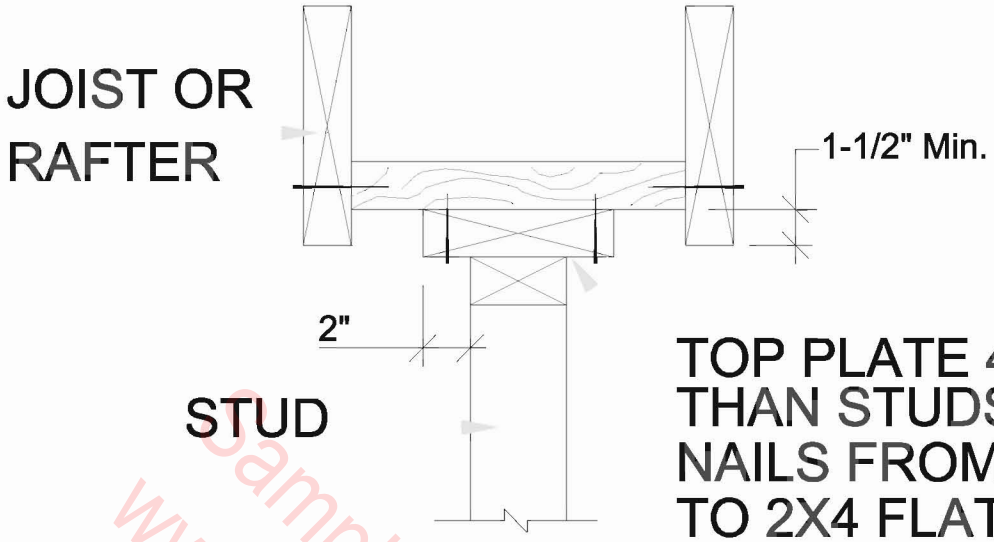
3x NAILER

5/8"Ø M.B. w/ WASHER &
NUT @ 12" O.C., STAGG'D

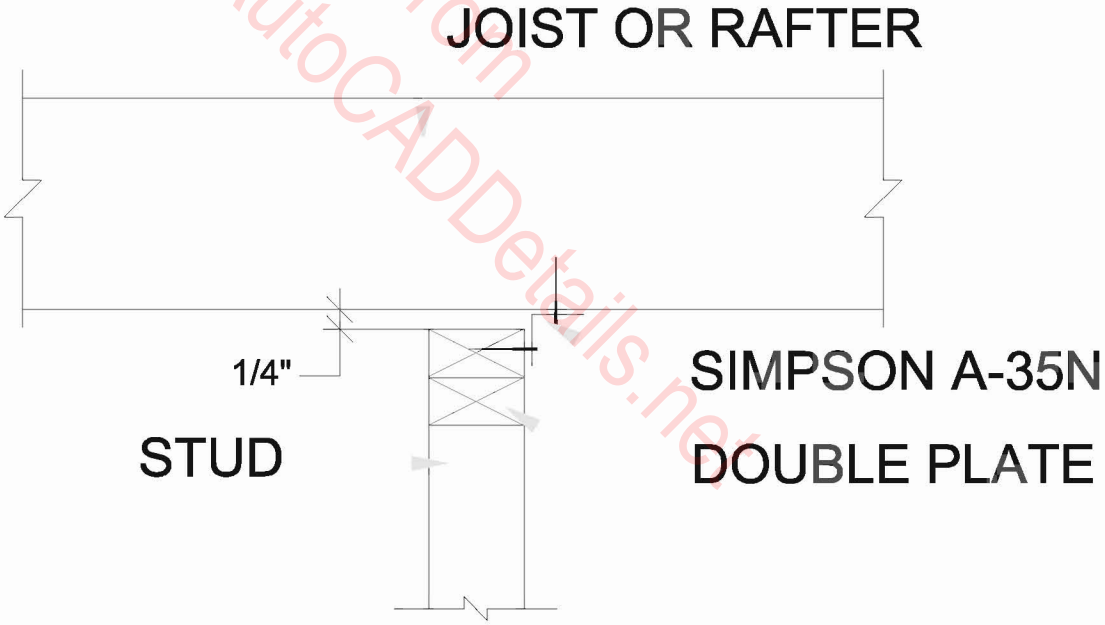
ATTACH 2x NAILERS TO OTHER
SIDES OF STEEL FRAME TO
RECEIVE DRYWALL/STUCCO. ATTACH
w/ 1/2"Ø STUDS WELDED TO STEEL
@ 16" O.C., STAGG'D.

NAILER

Samples from www.AutoCADDetails.net



PARALLEL TO FRAMING



PERPENDICULAR TO FRAMING

Samples from
www.AutoCADDetails.net

NON-BEARING PARTITIONS (FRMG-1)

TYP.

1/4"

BM. PER PLAN

BM. PER PLAN

BALANCE OF

INFO. PER 1/S1.6

TYP. 3 SIDES

1/4"

Samples from www.AutoCADDetails.net

ONE SIDED BEAM CONN.

TYP.

1/4"

BM. PER PLAN

BM. PER PLAN

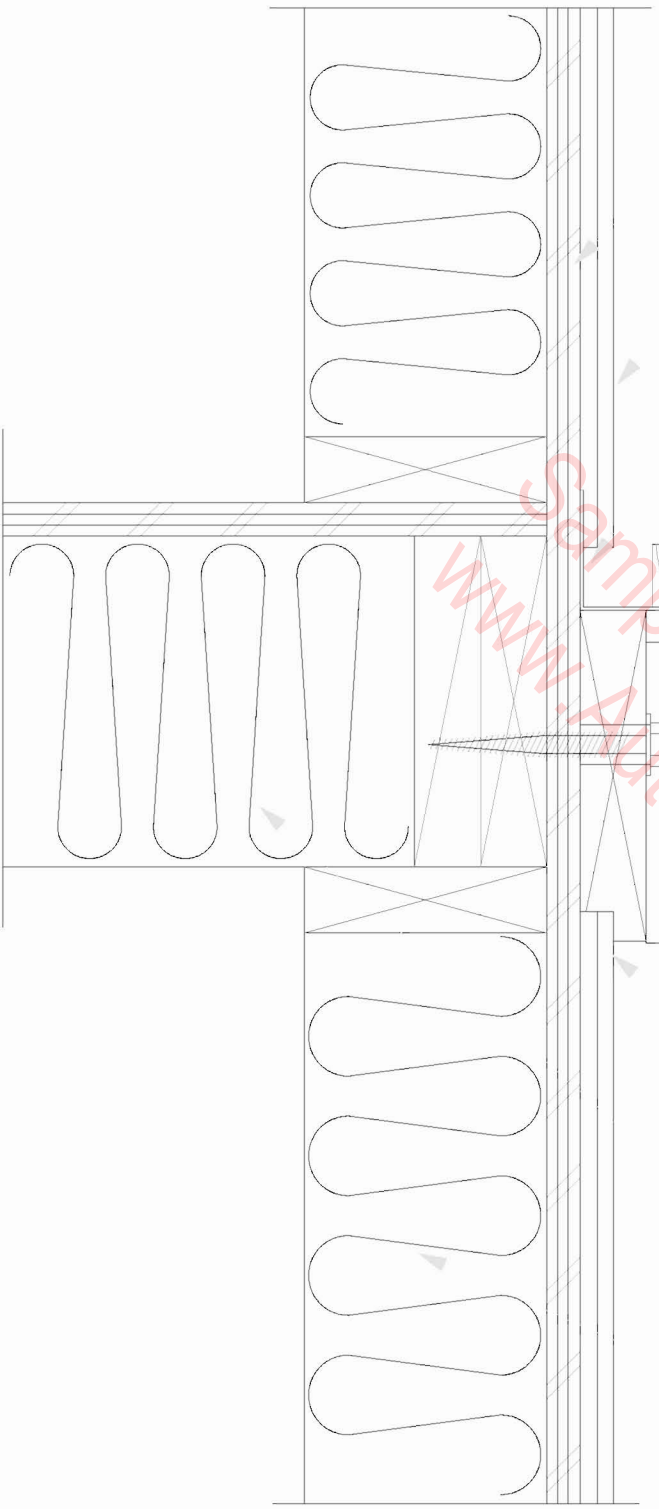
BALANCE OF INFO. PER 1/S1.6

TYP. 3 SIDES

1/4"

Samples from www.AutoCADDetails.net

ONE SIDED BEAM CONN.



SHEATHING

VERTICAL, HORIZONTAL OR PLYWOOD SIDING STOPPED ABOVE DECKING

CONTINUOUS FLASHING FROM UNDER SIDING TO KERF IN JOISTS

OPEN DECKING

KERF IN DECK JOISTS FOR FLASHING DRIP

P.T. LEDGER BOLTED TO FRAMING

JOIST HANGER

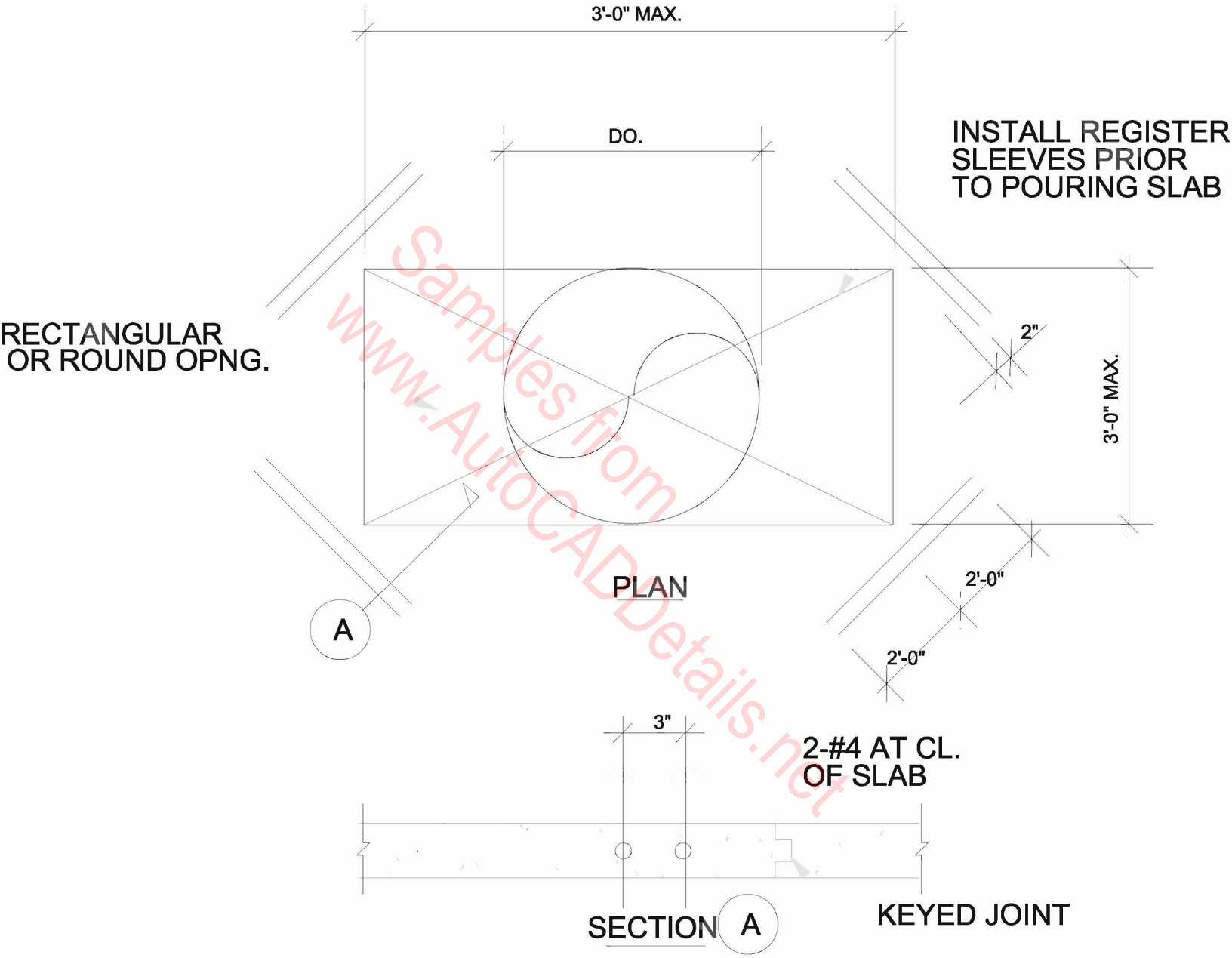
RABBET BASE OF LEDGER TO COVER SIDING OR FLASH OVER SIDING.

INTERIOR FLOOR STRUCTURE

FRAMED WALL

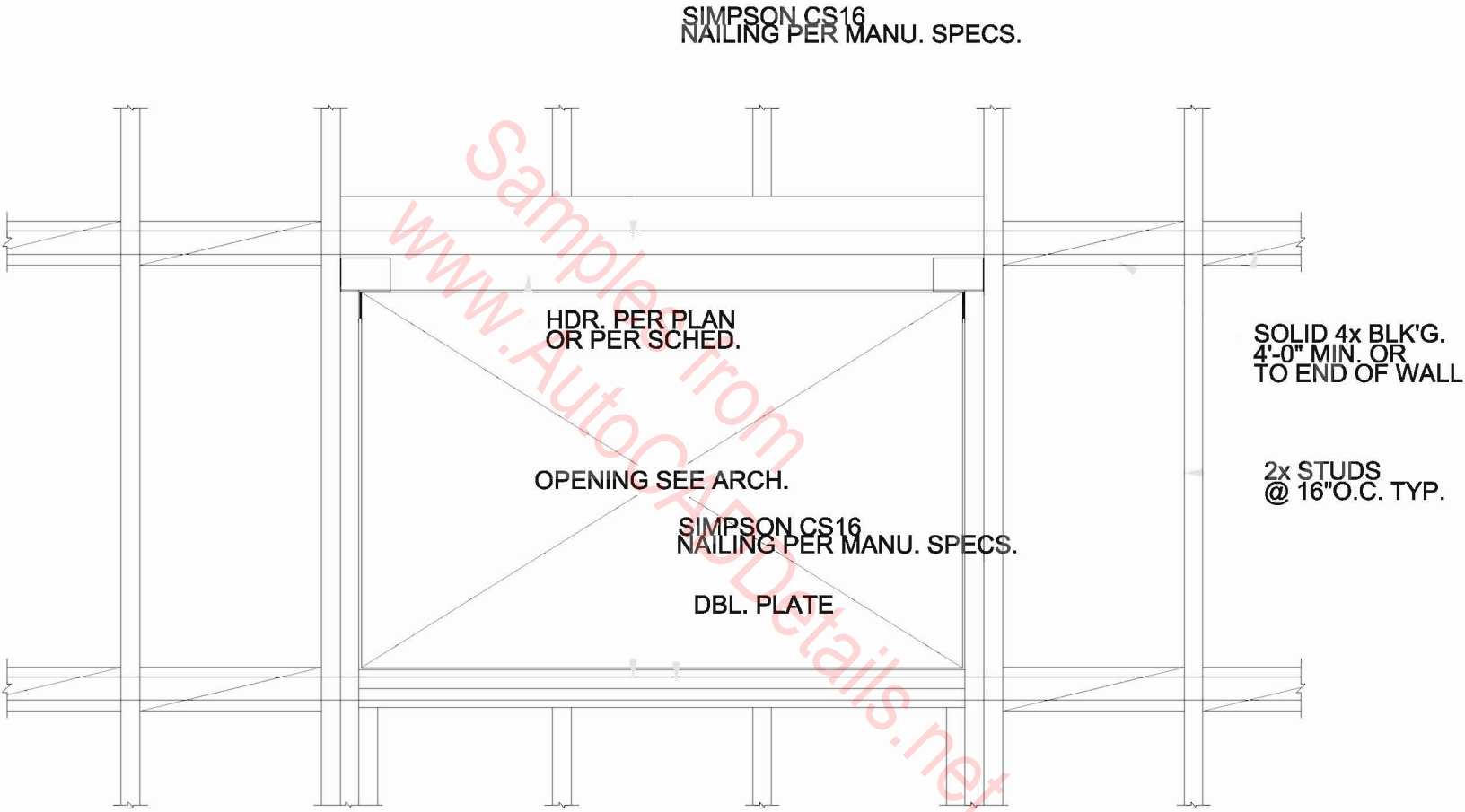
Samples from www.AutoCADDetails.net

OPEN DECK / WOOD WALL



Samples from www.AutoCADDetails.net

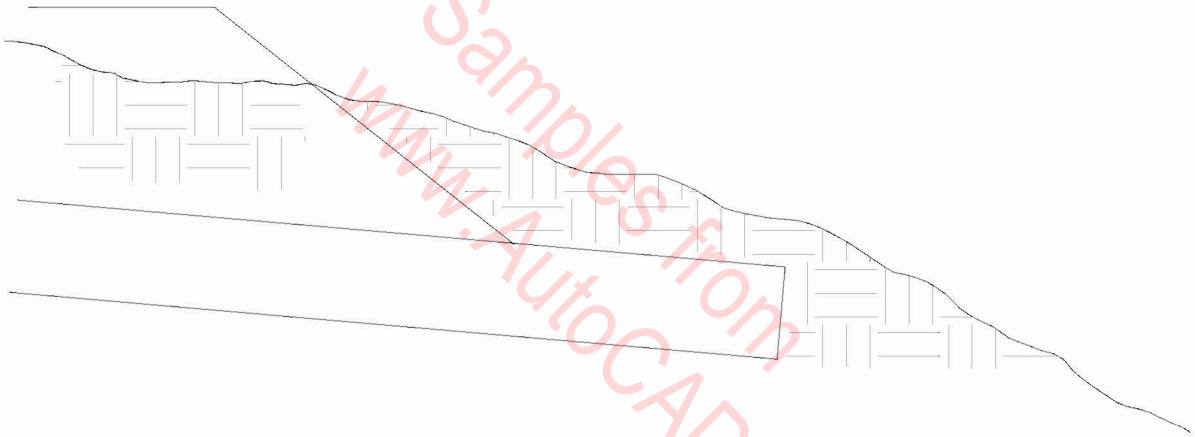
OPENING IN SLAB ON GRADE (VAN51)



Sample from www.AutoCADDetails.net

OPENING STRAP DETAIL (MAN36)

A



DITCH

TO BE SEEDED

A

DITCH GRADE =

CULVERT GRADE + 1%

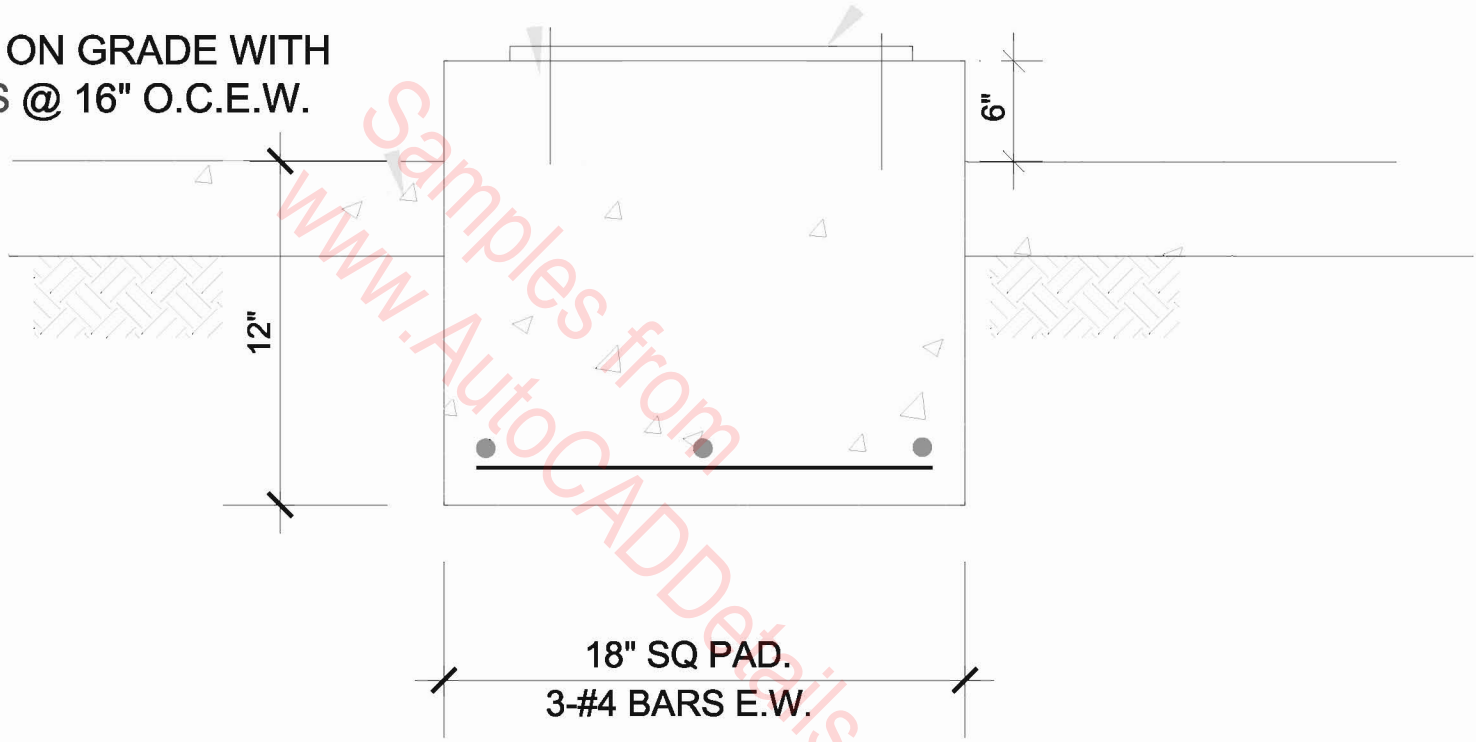
Samples from www.AutoCADDetails.net

OUTLET DITCH

CONC. PAD FOOTING
f'c=2,500 PSI

BASE PLATE & A.B.
(BY OTHERS)

6" SLAB ON GRADE WITH
#4 BARS @ 16" O.C.E.W.

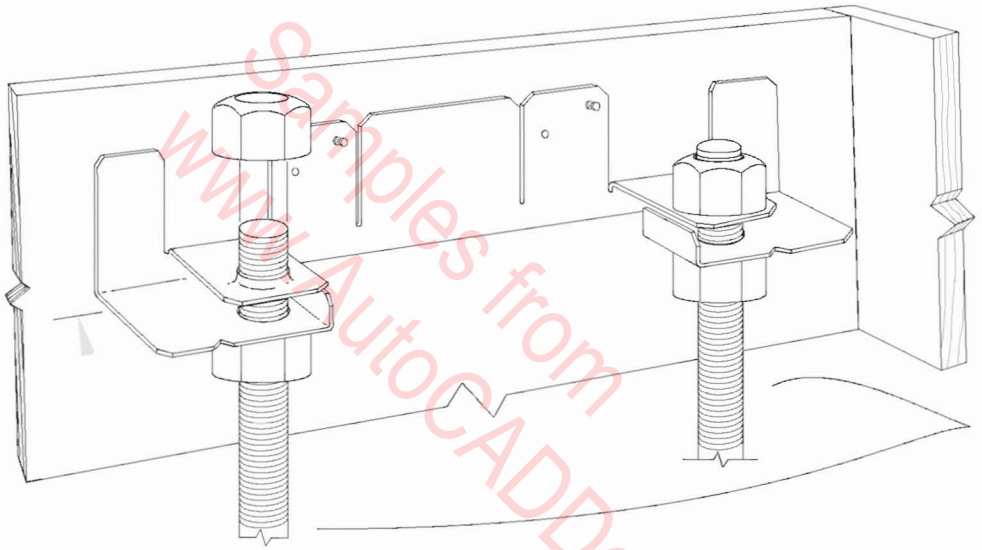


FOOTING DETAIL

Samples from
www.AutoCADDetails.net

PAD DETAIL

SSWTPF15
SSWTPF18
SSWTPF21
SSWTPF24



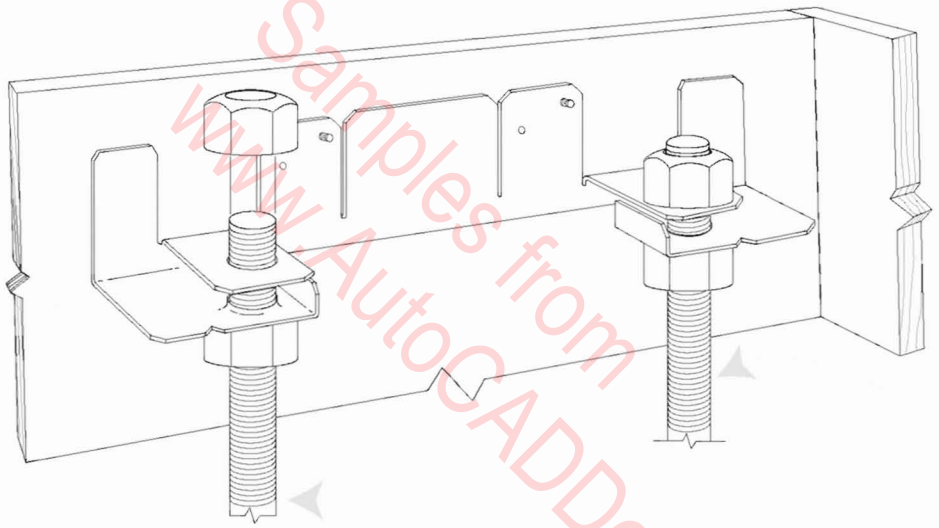
(2) 1" SSWAB

TOP OF
CONCRETE

Samples from
www.AutoCADDetails.net

PANEL FORM INSTALLATION

SSWTPF



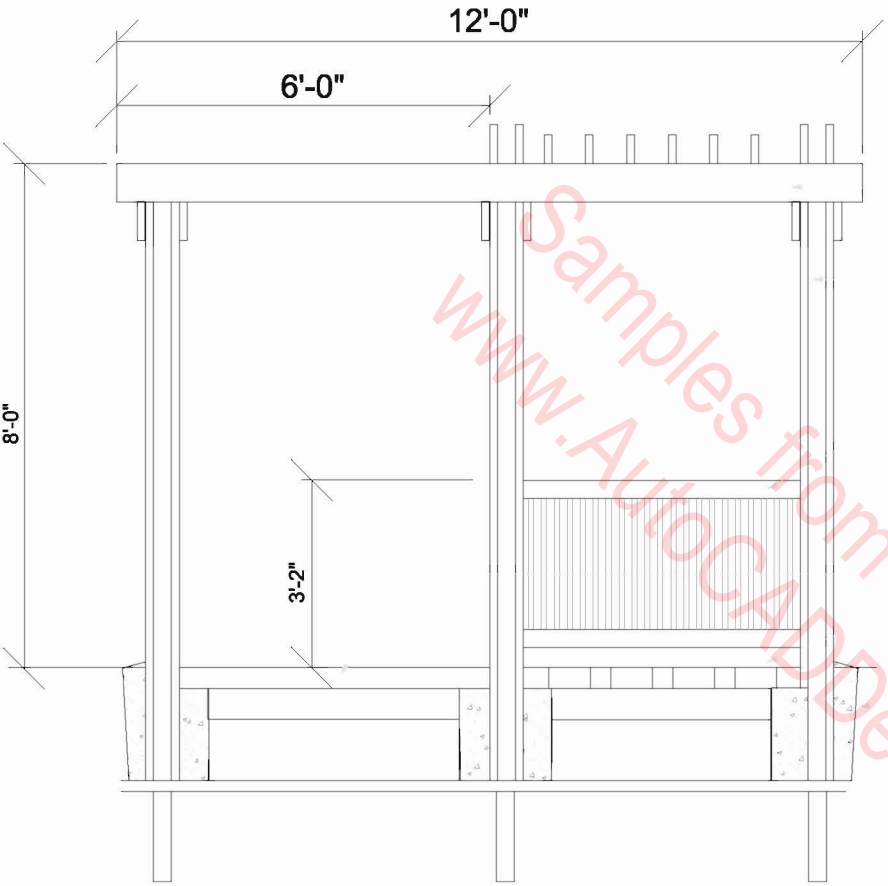
SSWTPF12

(2) 3/4" SSWAB

TOP OF
CONCRETE

Samples from
www.AutoCADDetails.net

PANEL FORM INSTALLATION



PERGOLA (CEDAR)

4x4 POSTS; WITH 2x4 ATTACHMENT

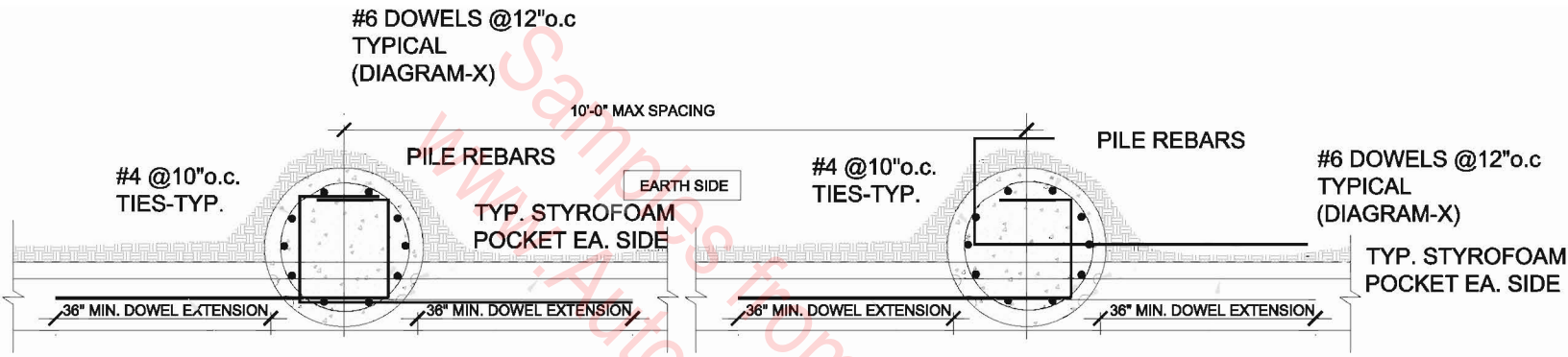
SCREEN/HAND RAIL (SUPPORT FOR INFORMATION SIGNS)

NEW 4" CONCRETE WALK
CONCRETE UNIT PAVERS
(HEX PATTERN)

CONCRETE PIERS
(TAKEN TO FROST)

Samples from www.AutoCADDetails.net

PERGOLA SECTION



PROVIDE DOWELS
BENT INTO PILE
AND EXTENDING
BEYOND PILE FACE
36" MINIMUM
@12"o.c. ALONG PILE
LENGTH

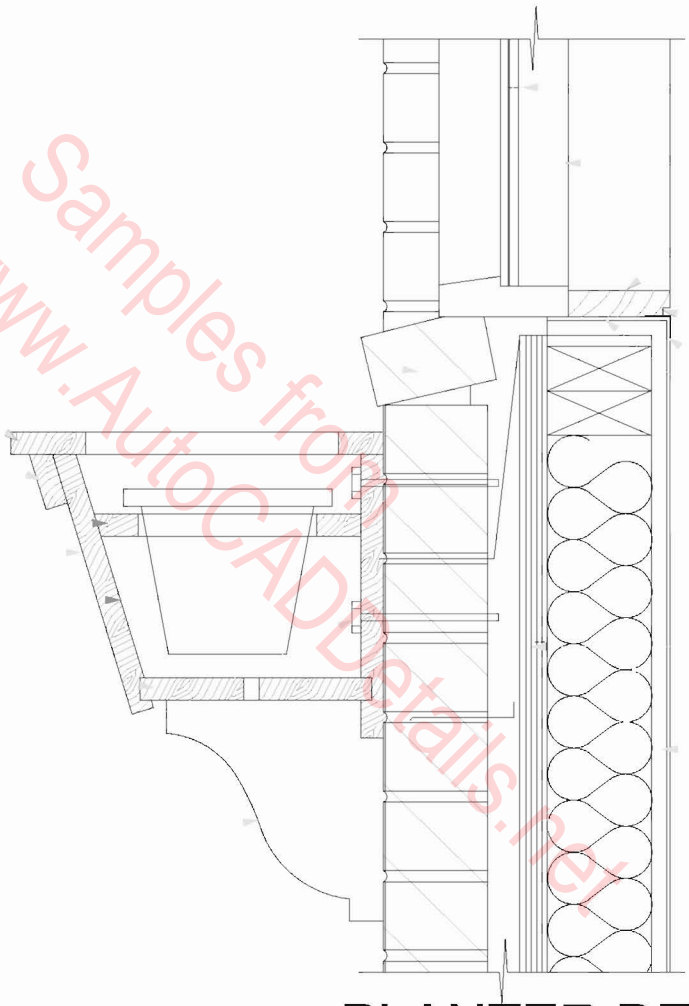
NOTE :
STRYFOAM FILLER
TO BE REMOVED BEFORE
WALL PLACEMENT

SEE PLAN FOR
SHORING PILE
SPACING

SECTION

PILE-WALL CONNECTION

Samples from
www.AutoCADDetails.net



Brick Rowlock Sill

1X Trim

1x2 Trim

1x8 w/ 6" Holes for Pots

1x10

Galvanized Mtl. Liner

1x8 Ripped w/1/2" dia. Weep Holes at 1'-0" O.C.

Expansion Anchors at 1'-0" O.C.

Wood Bracket Below

Window

Trim beyond

1 x wood sill

1/4" x 3/8" reveal @ bottom edge

'L' bead, typ.

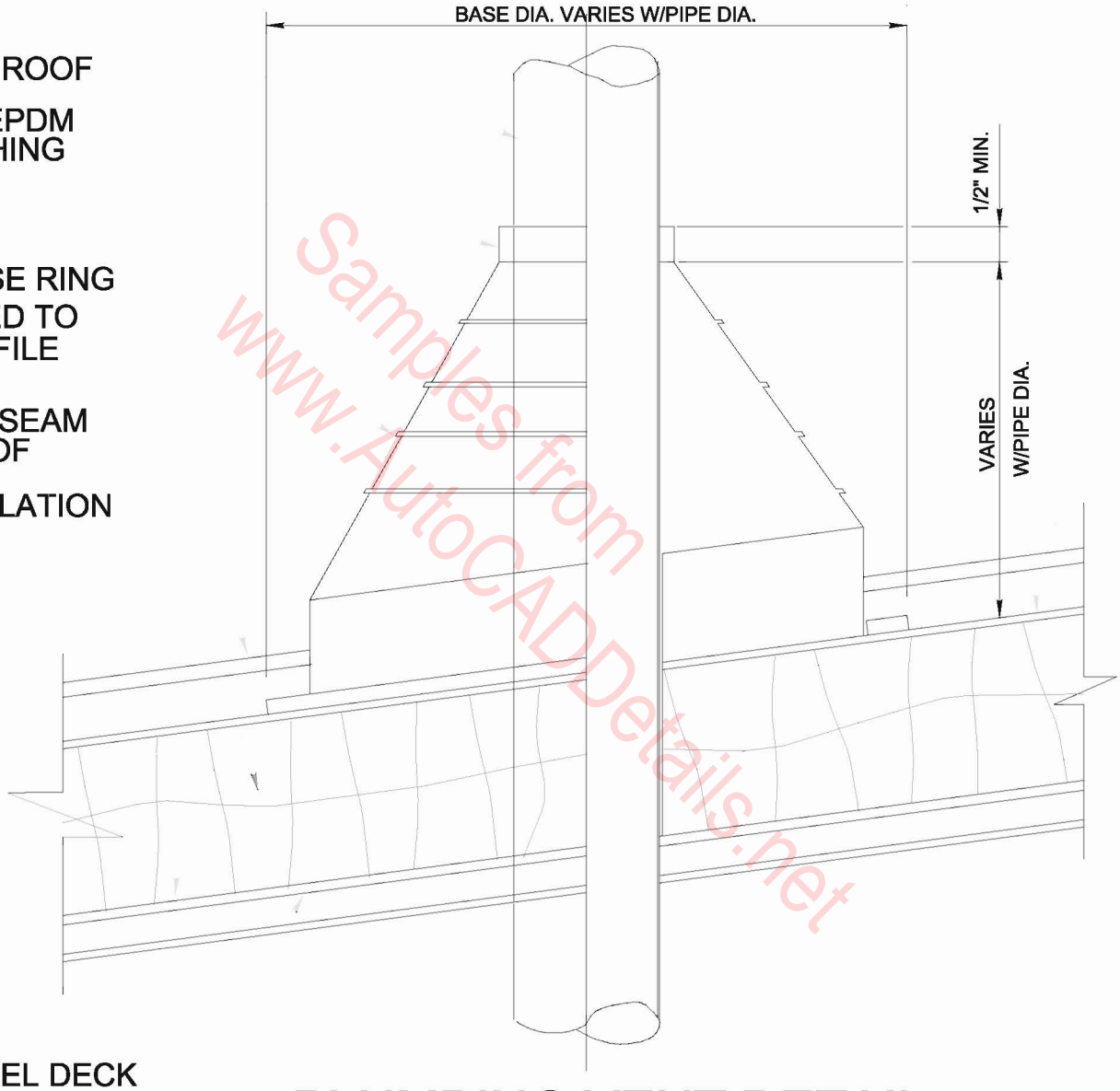
Return GWB @ jamb, head, and sill of window

Exterior sheathing

5/8" GWB

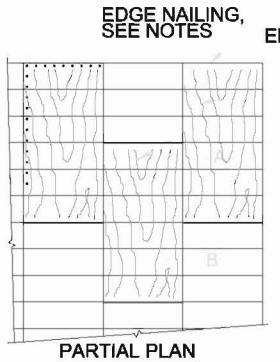
Samples from www.AutoCADDetails.net

PLANTER DETAIL

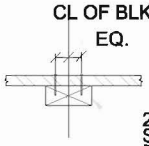


Samples from www.AutoCADDetails.net

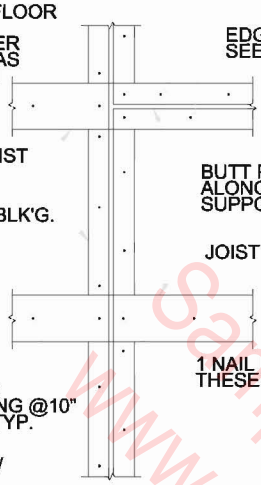
PLUMBING VENT DETAIL



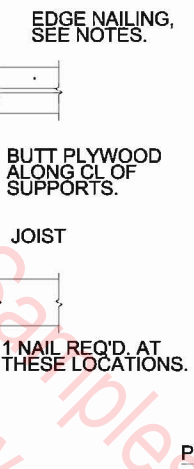
PARTIAL PLAN

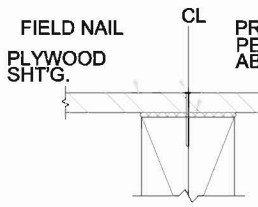


SECTION (B)

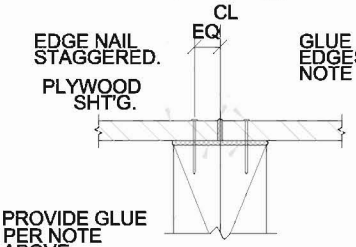


SECTION (A)





DETAIL (C)



PLYWOOD FLOOR CONSTRUCTION:

MATERIAL:

PLYWOOD: 15/32" MIN. (SEE PLAN) STRUCT. 1
PLYWOOD, CONFORMING TO U.S. PRODUCT
STD PS1-95

NAILS: d8 COMMON, RING OR SPIRAL SHANK, FULL HEAD
EDGE NAIL: @ 6" O.C. U.N.O. ON PLAN
FIELD NAIL: @ 10" O.C.

ADHESIVE: CONFORM TO AMERICAN PLYWOOD ASSOCIATION
SPECIFICATION AFG-01. ADHESIVE SHALL BE
CERTIFIED AS CONFORMING BY A TESTING AGENCY
ACCEPTED BY THE FEDERAL HOUSING ADMINISTRATION.
IN ACCORDANCE WITH PROCEDURES GIVEN IN HUD-FHA
USE OF MATERIALS BULLETIN UM-60.

EXECUTION:

1. APPLY A BEAD OF GLUE ABOUT 1/4 INCH IN DIAMETER TO ALL CONTACT/BEARING SURFACES. ON WIDE AREAS APPLY GLUE IN SERPENTINE PATTERN.
2. APPLY TWO BEADS OF GLUE ON JOISTS WHERE PANEL ENDS BUTT.
3. APPLY GLUE PROGRESSIVELY TO BUTTING EDGES OF PANELS AND INTO GROOVED EDGES OF TOUNGE AND GROOVE PANELS AS WORK PROCEEDS.
4. COMPLETE NAILING OF EACH PANEL BEFORE GLUE SETS.

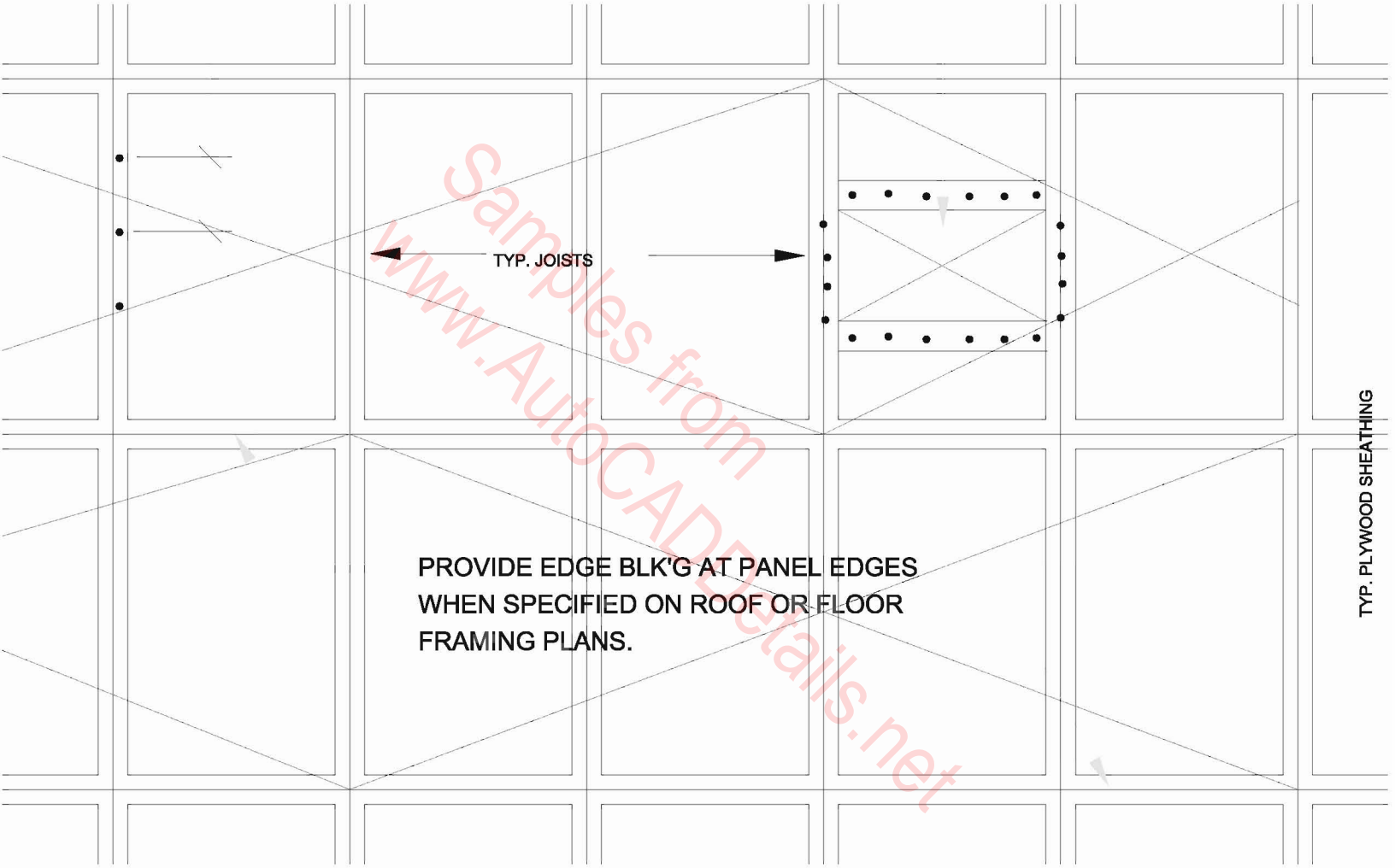
SEE NOTES 3, 4, 5, 6, & 7 IN DETAIL 7/-

Samples from www.AutoCADdetails.com

PLYWOOD FLOOR SHEATHING

TYP. INTERMEDIATE NAILING
12" O.C. @ ROOF
10" O.C. @ FLOOR

TYP. OPENING PER 2 / S1.2



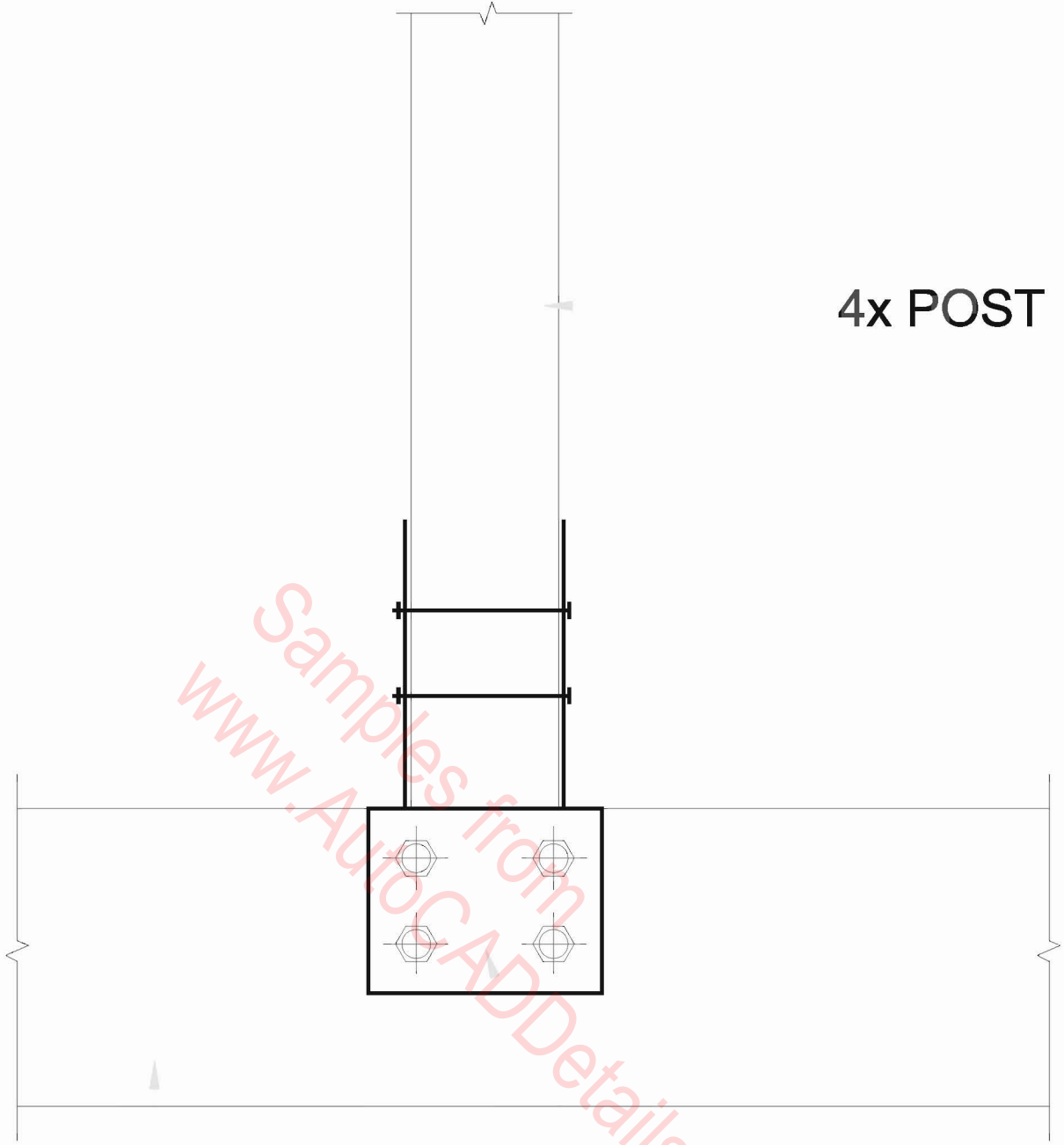
PROVIDE EDGE BLK'G AT PANEL EDGES
WHEN SPECIFIED ON ROOF OR FLOOR
FRAMING PLANS.

Samples from www.AutoCADDetails.net

NOTE: SEE FRAMING PLANS

A) FOR PLYWOOD THICKNESS & GRADE
B) FOR NAIL SIZE & SPACING
C) FOR JOIST SIZE & SPACING

PLYWOOD ROOF OR FLOOR SHT'G (PLYD-1)

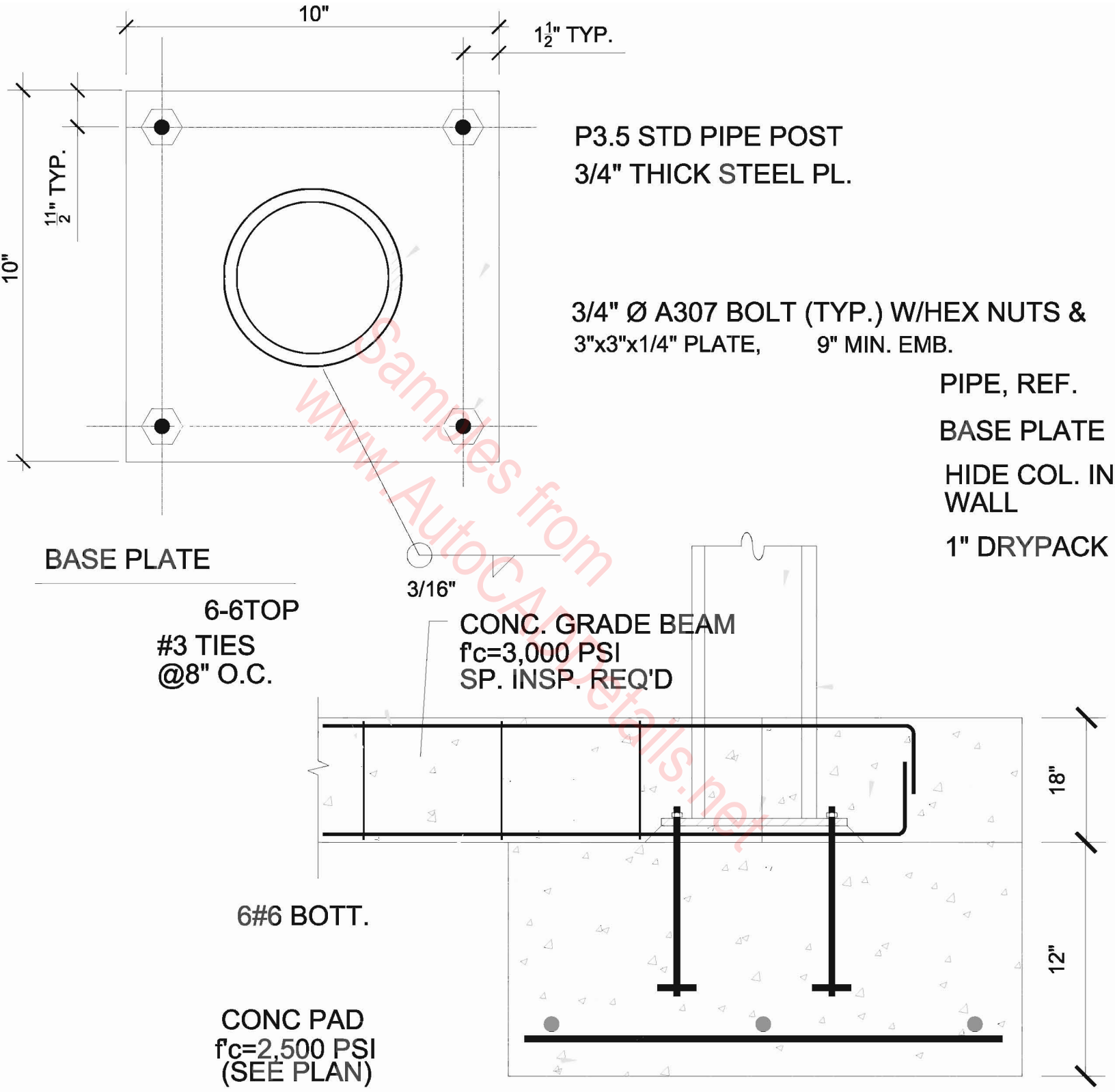


Samples from
www.AutoCADDetails.net

CC, REF.

WOOD BEAM, REF.

POST BEAM DETAIL



POST FOOTING DETAIL

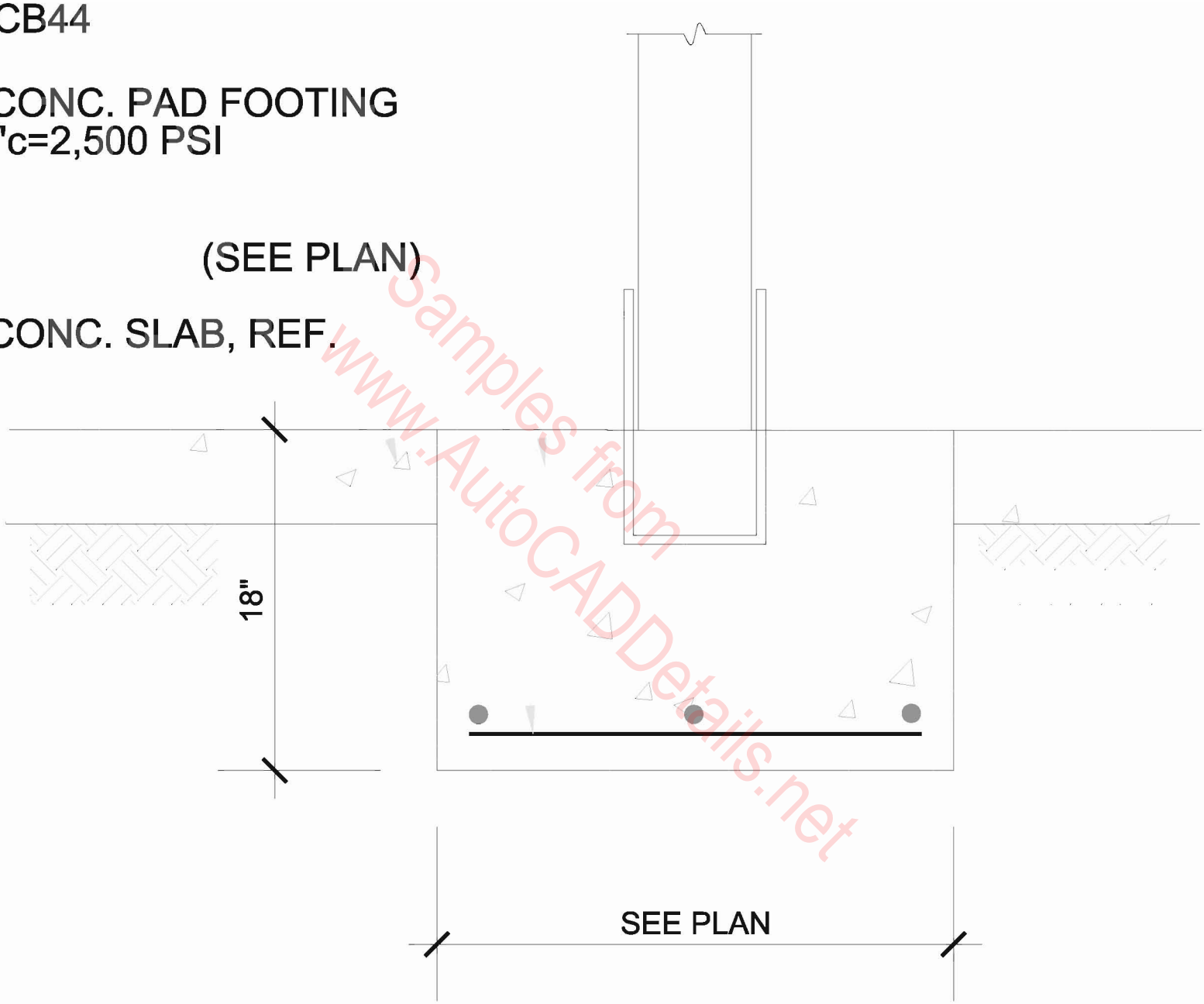
Samples from www.AutoCADdetails.net

CB44

CONC. PAD FOOTING
f'c=2,500 PSI

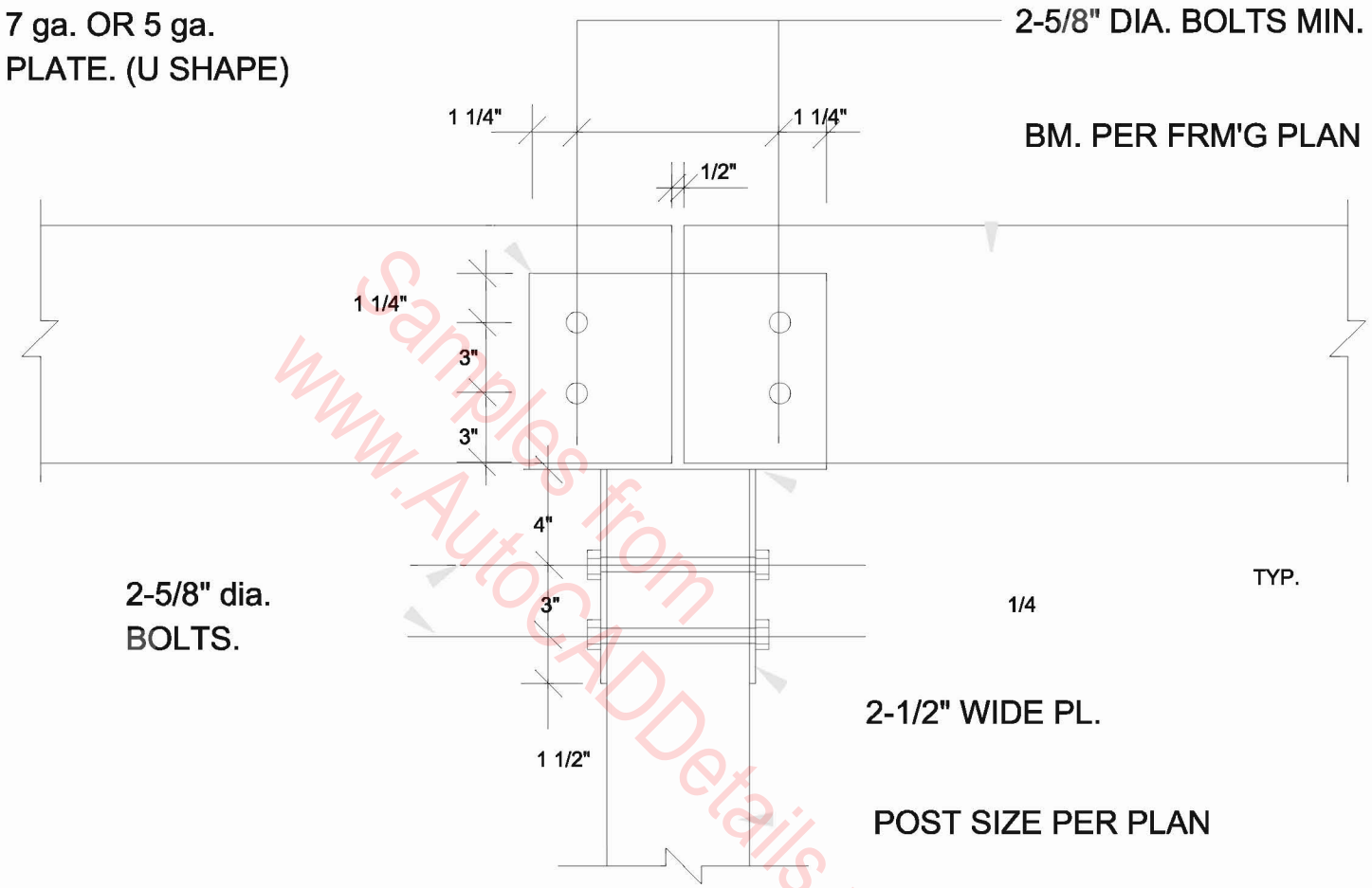
(SEE PLAN)

CONC. SLAB, REF.



Samples from www.AutoCADDetails.net

POST FOOTING DETAIL



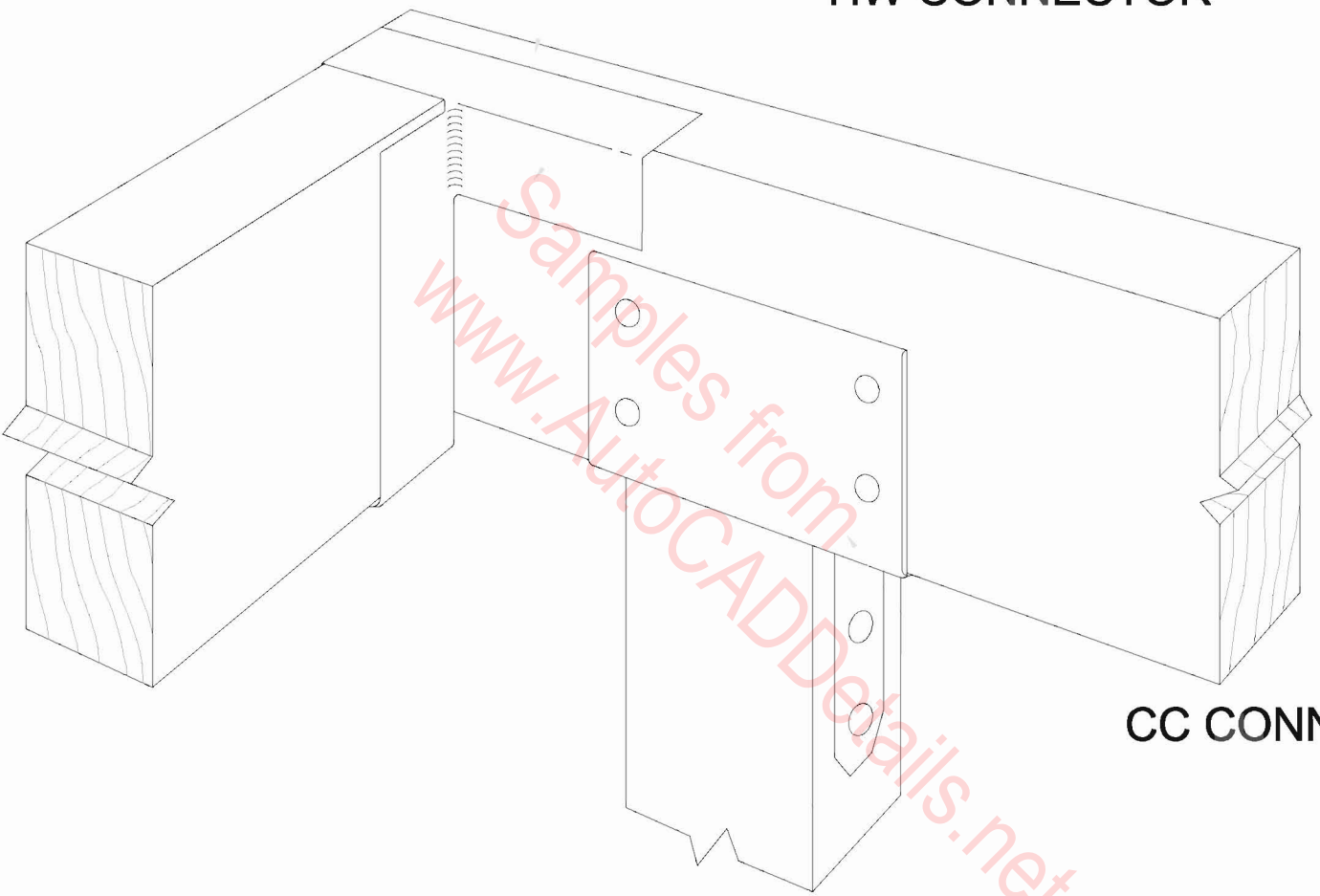
Samples from www.AutoCADDetails.net

COL. SIZE	CONN.	END COND.	CORNER COND.	CROSS COND.
4x4	CC44	ECC44	ECC	CCT, CCC
4x6	CC46	ECC46	ECC	CCT, CCC
6x6	CC66	ECC66	ECC	CCT, CCC

POST TO BEAM CONNECTION (PST-BM-1)

BEAMS PER FRAMING PLAN

HW CONNECTOR



CC CONNECTOR

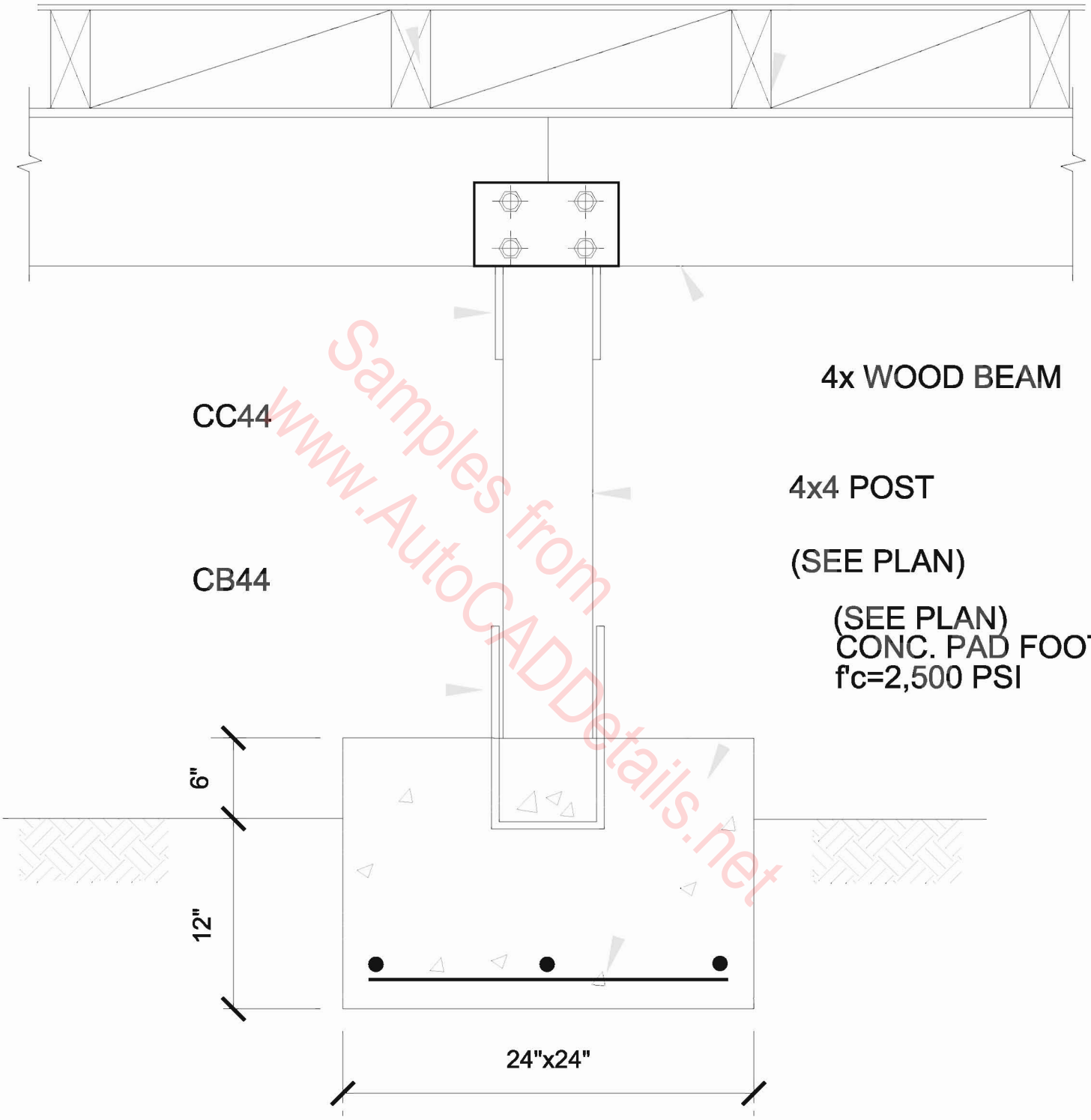
COLUMN PER PLAN

Samples from
www.AutoCADDetails.net

POST TO BEAM CONNECTION

FLOOR SHEATHING, REF.

2x F.J. (TYP.)

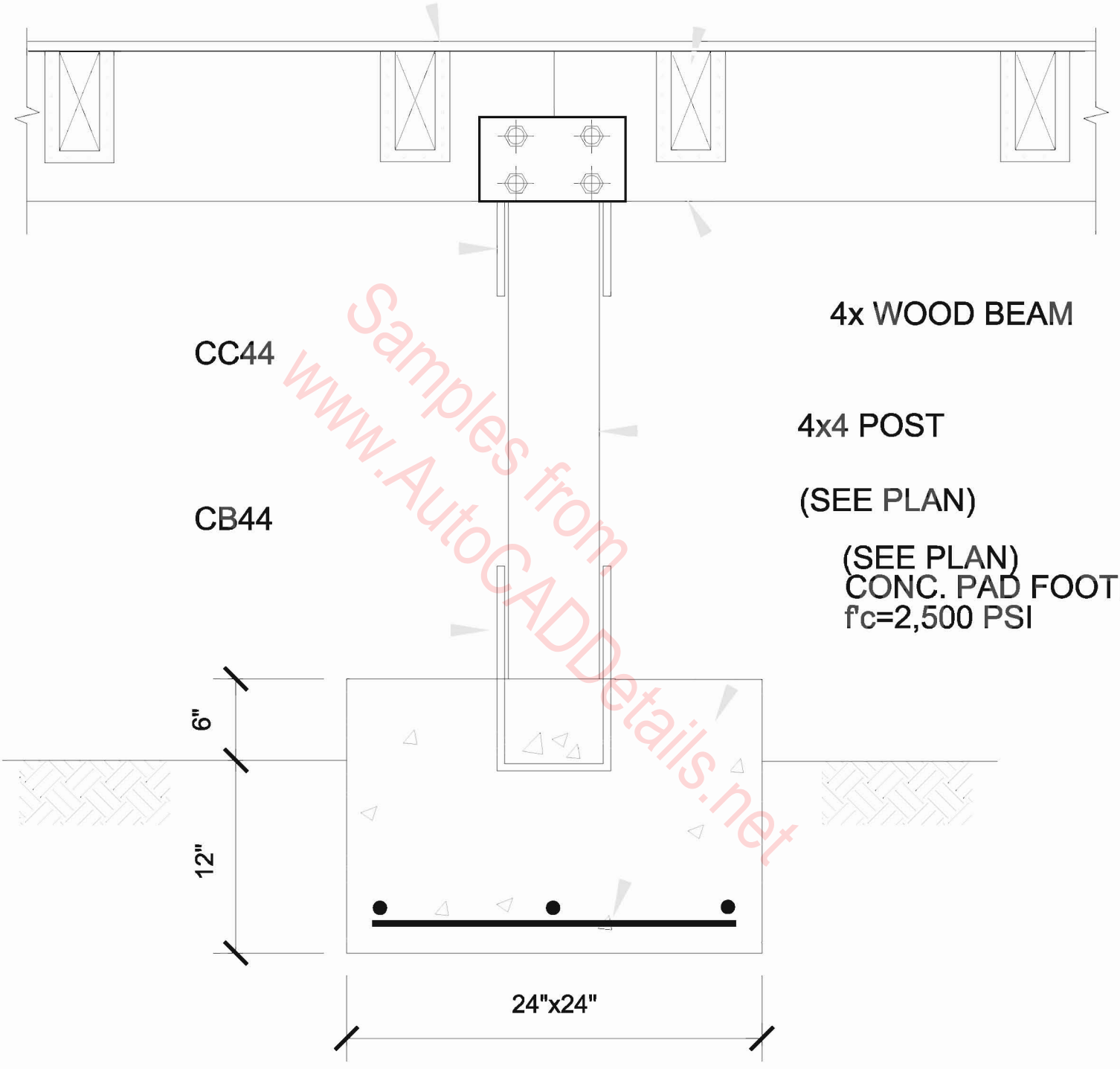


Samples from www.AutoCADDetails.net

POST - FOOTING DETAIL

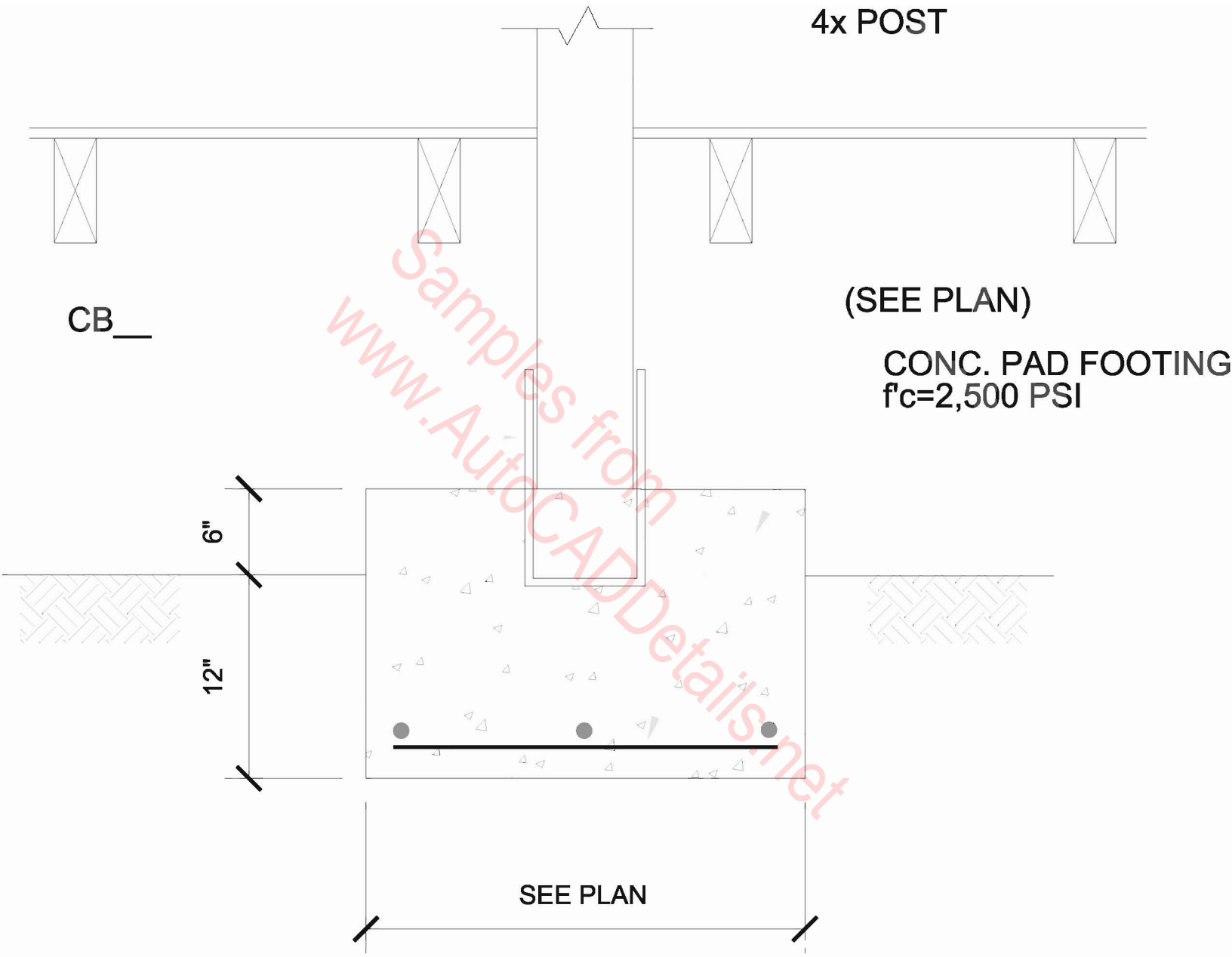
FLOOR SHEATHING, REF.

2x F.J. (TYP.)



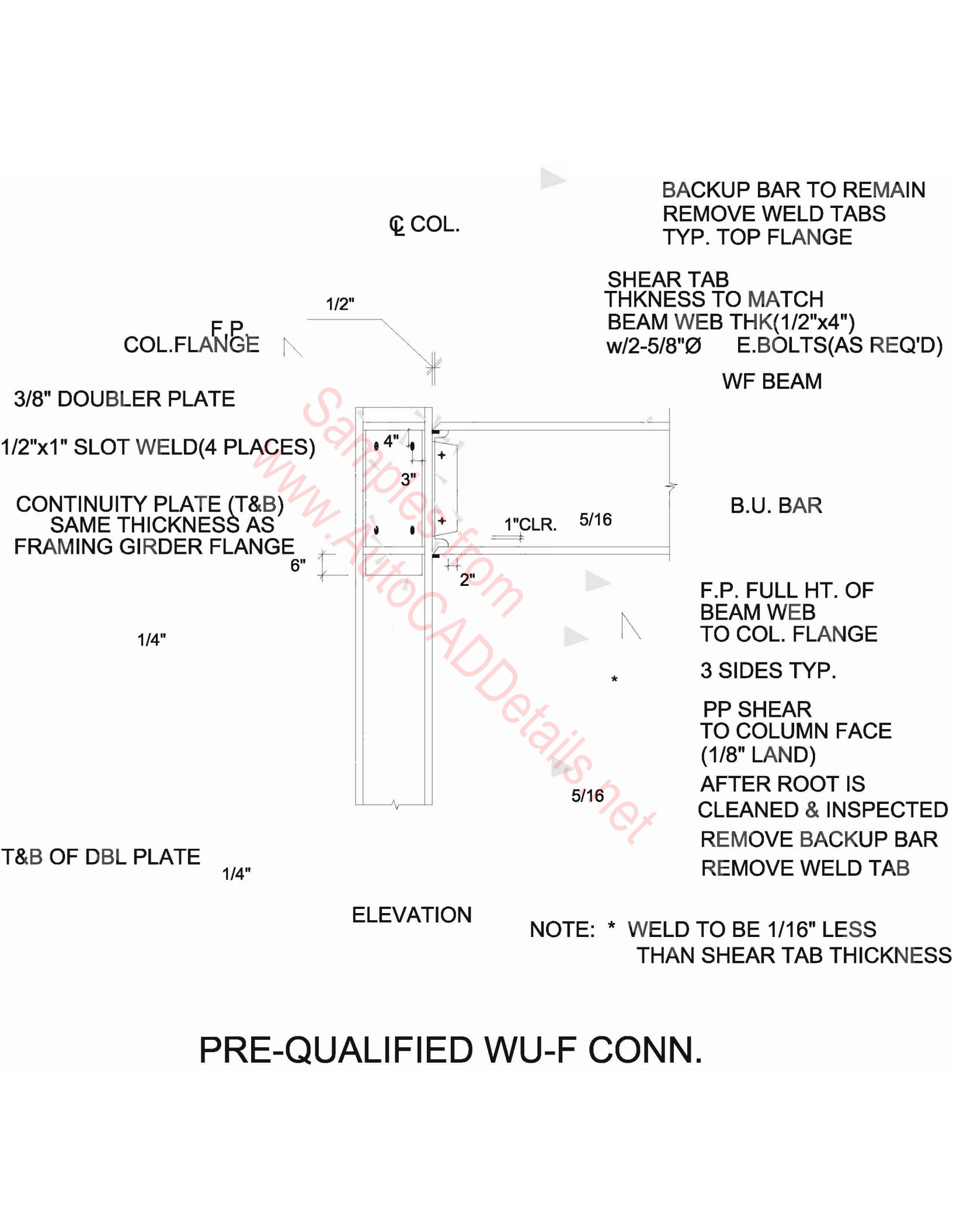
Samples from www.AutoCADDetails.net

POST - FOOTING DETAIL



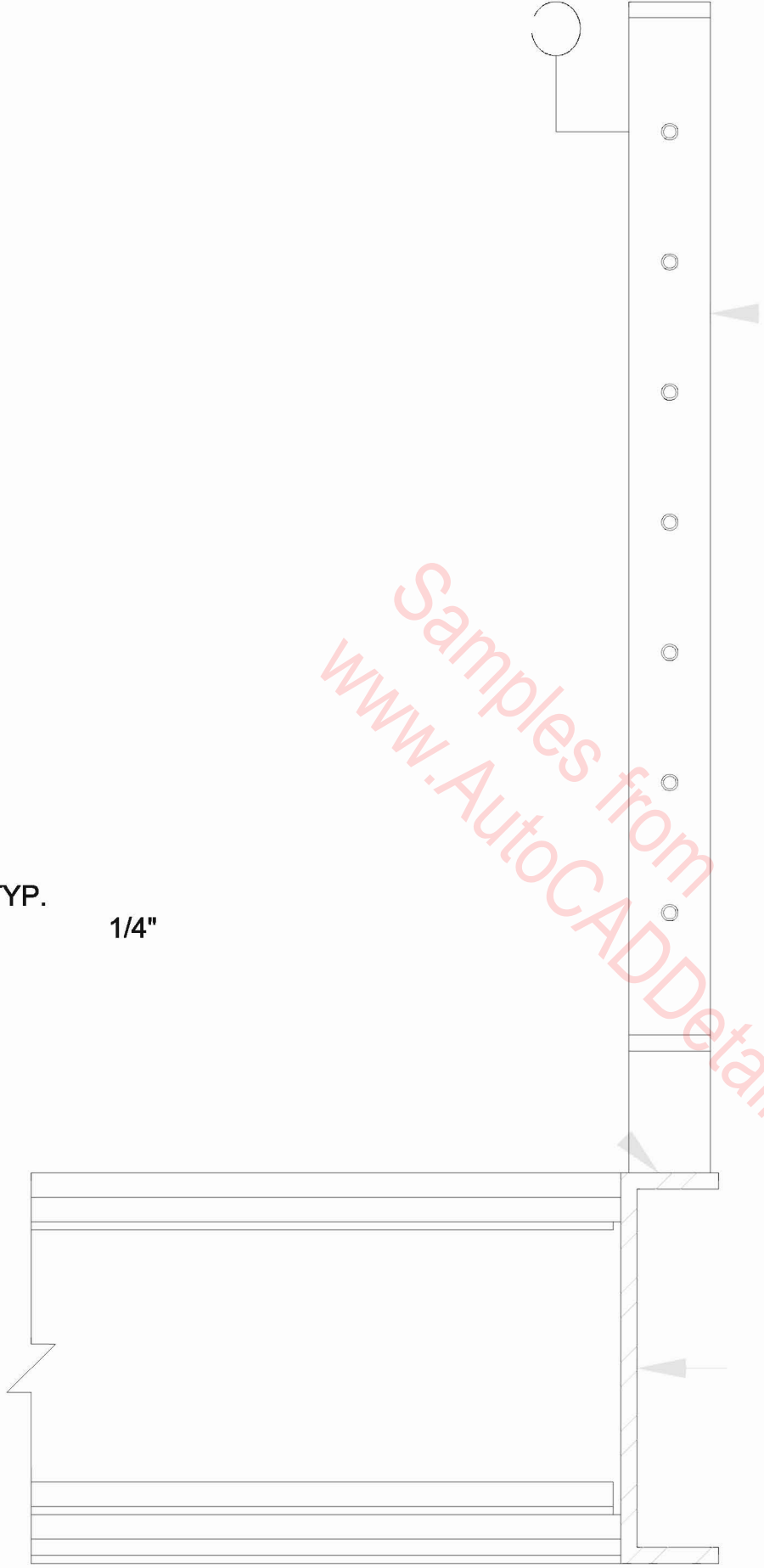
Samples from
www.AutoCADDetails.net

POST - FOOTING DETAIL



Samples from www.AutoCADDetails.net

PRE-QUALIFIED WU-F CONN.



1/2" x 2 1/2" PLATE
@6'-0" O.C. MAX.

TYP.
1/4"

STEEL BM. PER PLAN

Samples from
www.AutoCADDetails.net

RAILING CONNECTION DETAIL

LESS THAN 4" CLR.
MAX. (TYP.)

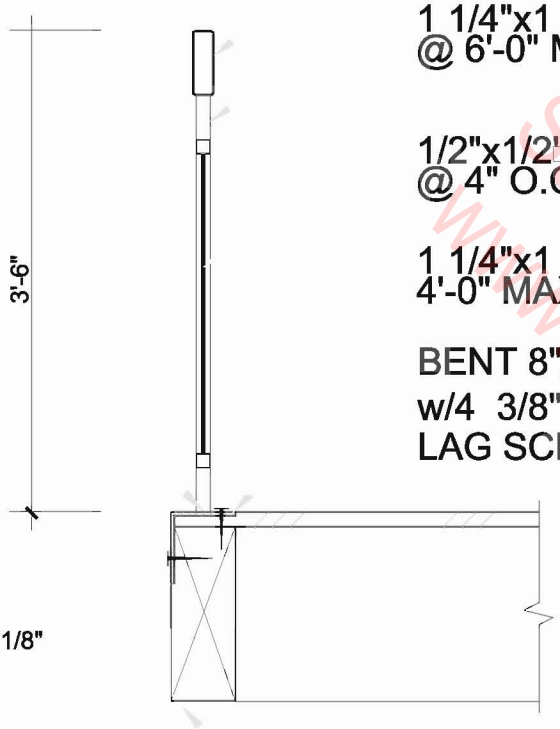
2"x6" TUBE

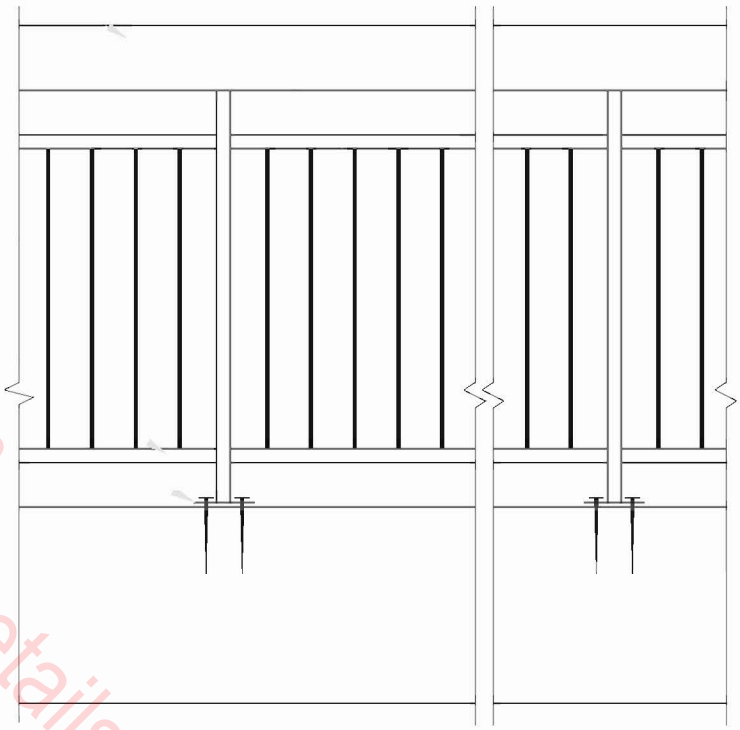
1 1/4"x1 1/4" TUBE
@ 6'-0" MAX.

1/2"x1/2" BAR
@ 4" O.C.

1 1/4"x1 1/4" TUBE
4'-0" MAX. (TYP.)

BENT 8"x4"x1/4" ST. PL.
w/4 3/8"Ø x 3" LONG
LAG SCREWS





samples from
www.AUTOCADDetails.net

WOOD BEAM, REF.
OR BLOCKING

RAILING DETAIL

LESS THAN 4" CLR.
MAX. (TYP.)

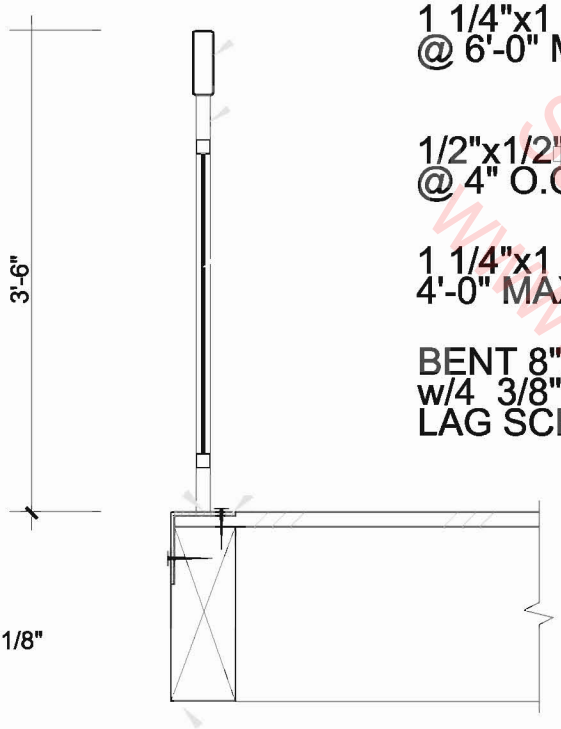
2"x6" TUBE

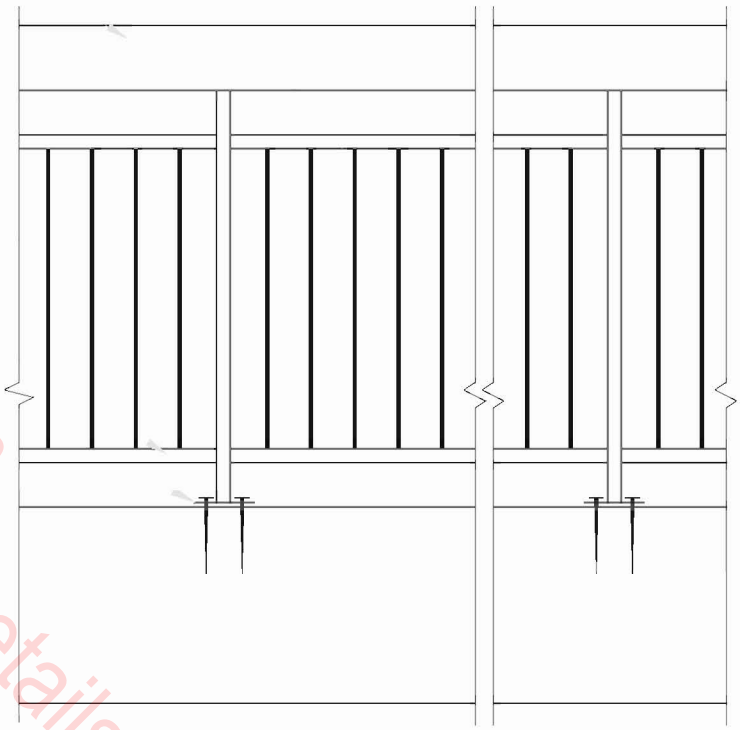
1 1/4"x1 1/4" TUBE
@ 6'-0" MAX.

1/2"x1/2" BAR
@ 4" O.C.

1 1/4"x1 1/4" TUBE
4'-0" MAX. (TYP.)

BENT 8"x4"x1/4" ST. PL.
w/4 3/8"Ø x 3" LONG
LAG SCREWS





WOOD BEAM, REF.

samples from
www.AutoCADDetails.net

RAILING DETAIL

LESS THAN 4" CLR.
MAX. (TYP.)

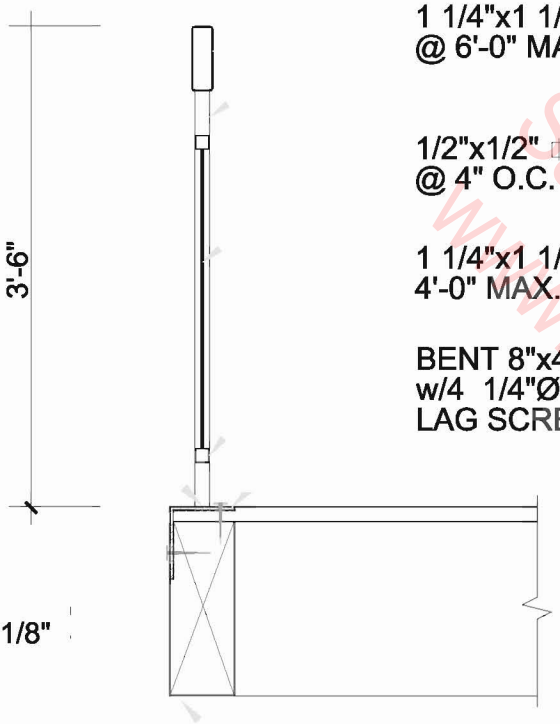
2"x6" TUBE

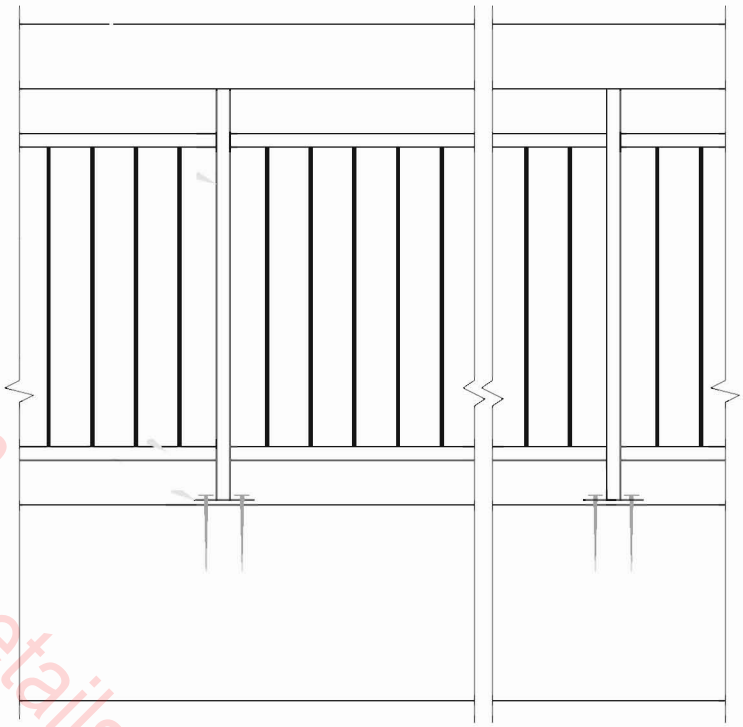
1 1/4"x1 1/4" TUBE
@ 6'-0" MAX.

1/2"x1/2" □ BAR
@ 4" O.C.

1 1/4"x1 1/4" TUBE
4'-0" MAX. (TYP.)

BENT 8"x4"x1/4" ST. PL.
w/4 1/4"Ø x 3" LONG
LAG SCREWS

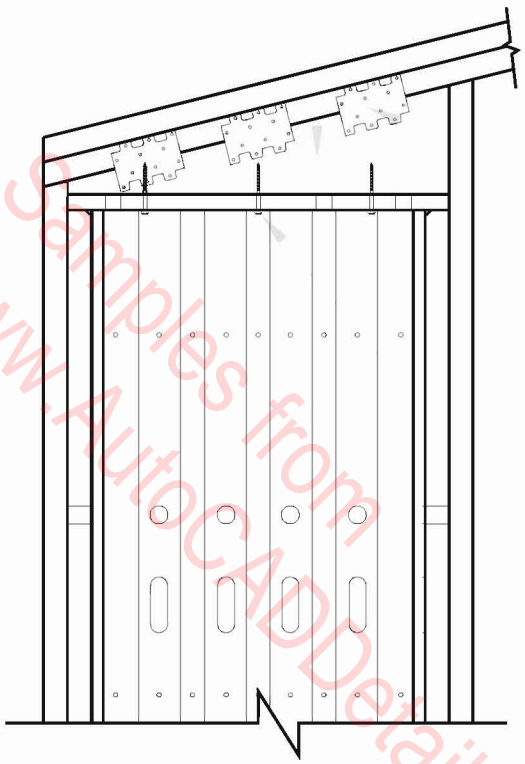




WOOD BEAM, REF.

samples from
www.AutoCADDetails.net

RAILING DETAIL



4x SHAPED
SHIM BLOCK

LTP4 SPACING
BY OTHERS

ATTACH SDS SCREWS
TO SHIM BLOCK

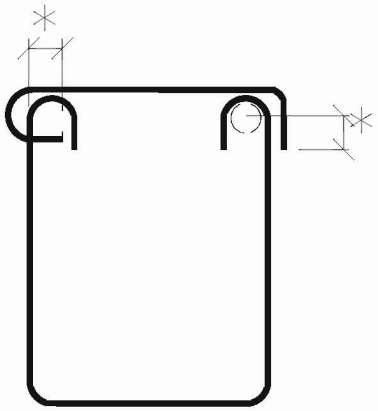
ADJACENT FRAMING
BY OTHERS

Samples from
www.AutoCADDetails.net

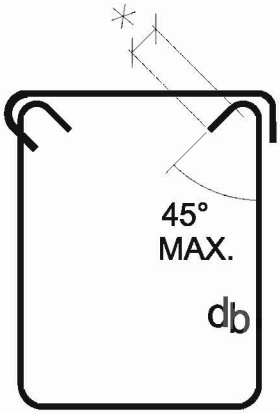
ENGINEER OF RECORD IS PERMITTED TO
MODIFY DETAILS FOR SPECIFIC CONDITIONS.

STEEL STRONG-WALL HEIGHT ADJUSTMENTS

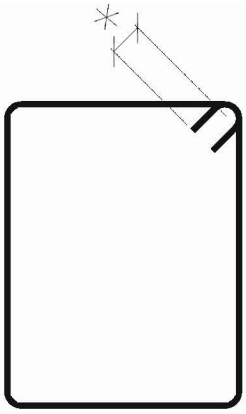
RAKE WALL



EXTERIOR
BEAM STIRRUP



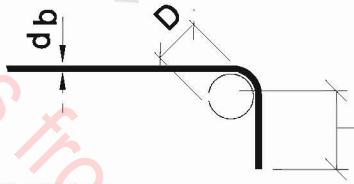
INTERIOR
BEAM STIRRUP



COLUMN
AND BEAM TIE

NOTE: * $=6d_b$ OR 3"MIN.

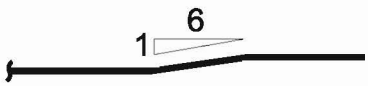
D=$6d_b$ FOR #8 & SMALLER
D=$8d_b$ FOR #9 & LARGER
D=$4d_b$ FOR STIRRUPS & TIES



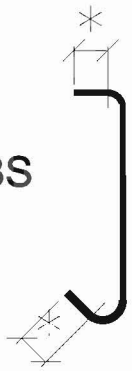
90° BEND

$12d_b$ OR
12"MIN.
U.N.O
$12d_b$ FOR SLABS

MAX. SLOPE



OFFSET



SUPP. TIE

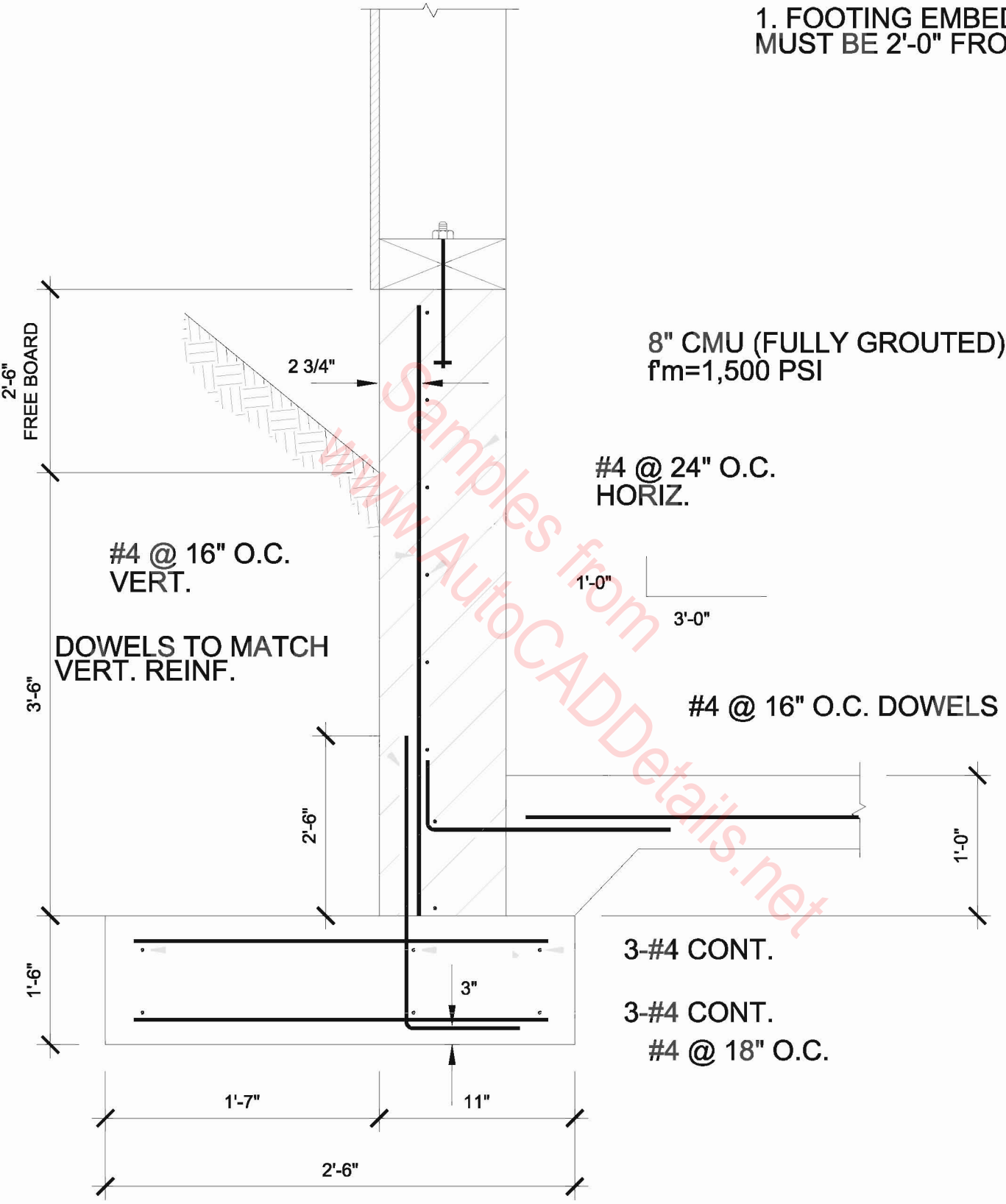
1d FOR BEAMS, 1.5d FOR COL'S.
OR PLACE BARS IN CONTACT
AND WIRE TOGETHER

LAP SPLICE

Samples from
www.AutoCADDetails.net

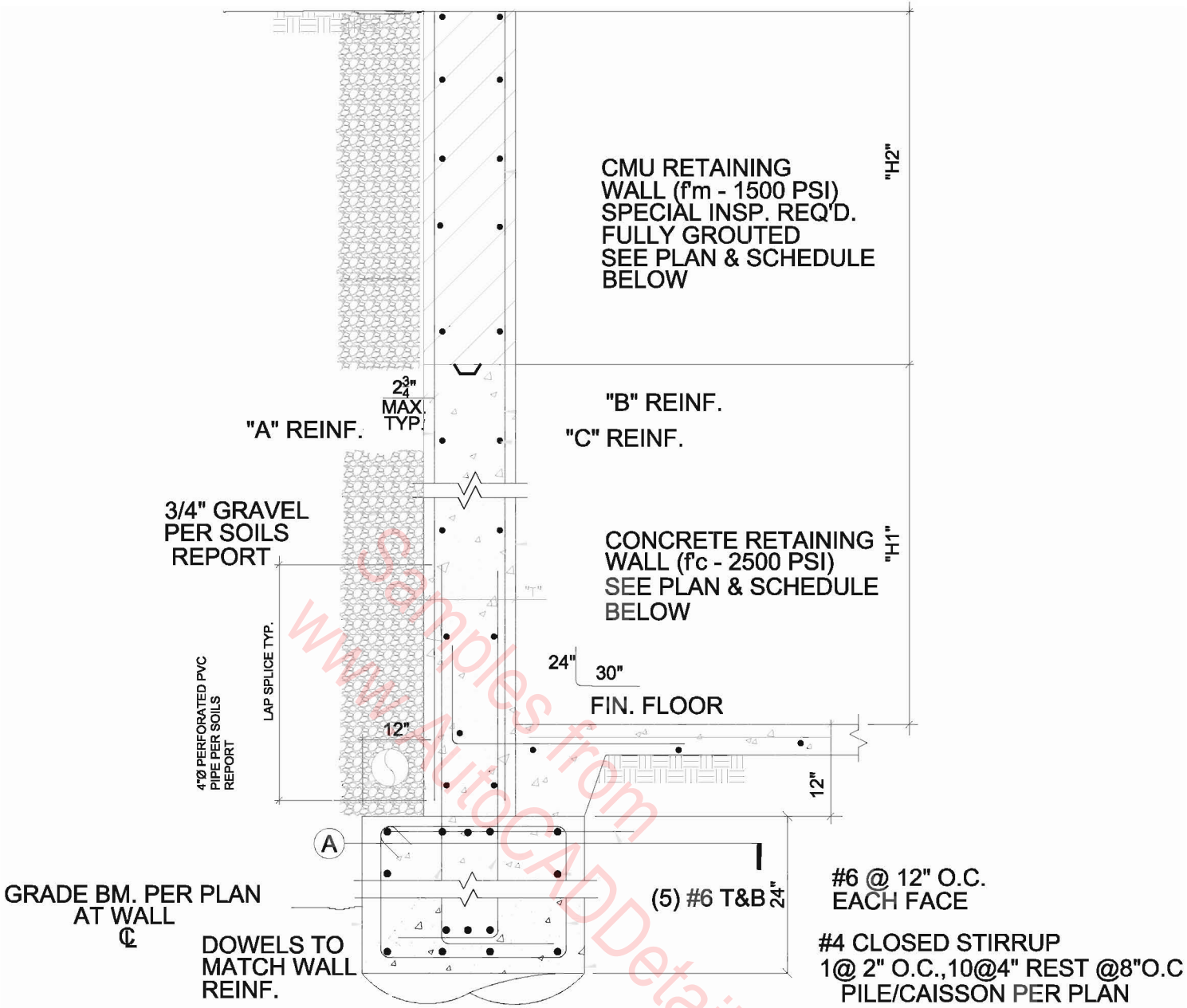
REBAR BENDING SCHEDULE

NOTE:
1. FOOTING EMBEDMENT DEPTH MUST BE 2'-0" FROM BEDROCK.



Samples from www.AutoCADDetails.net

RET. WALL AT THEATER

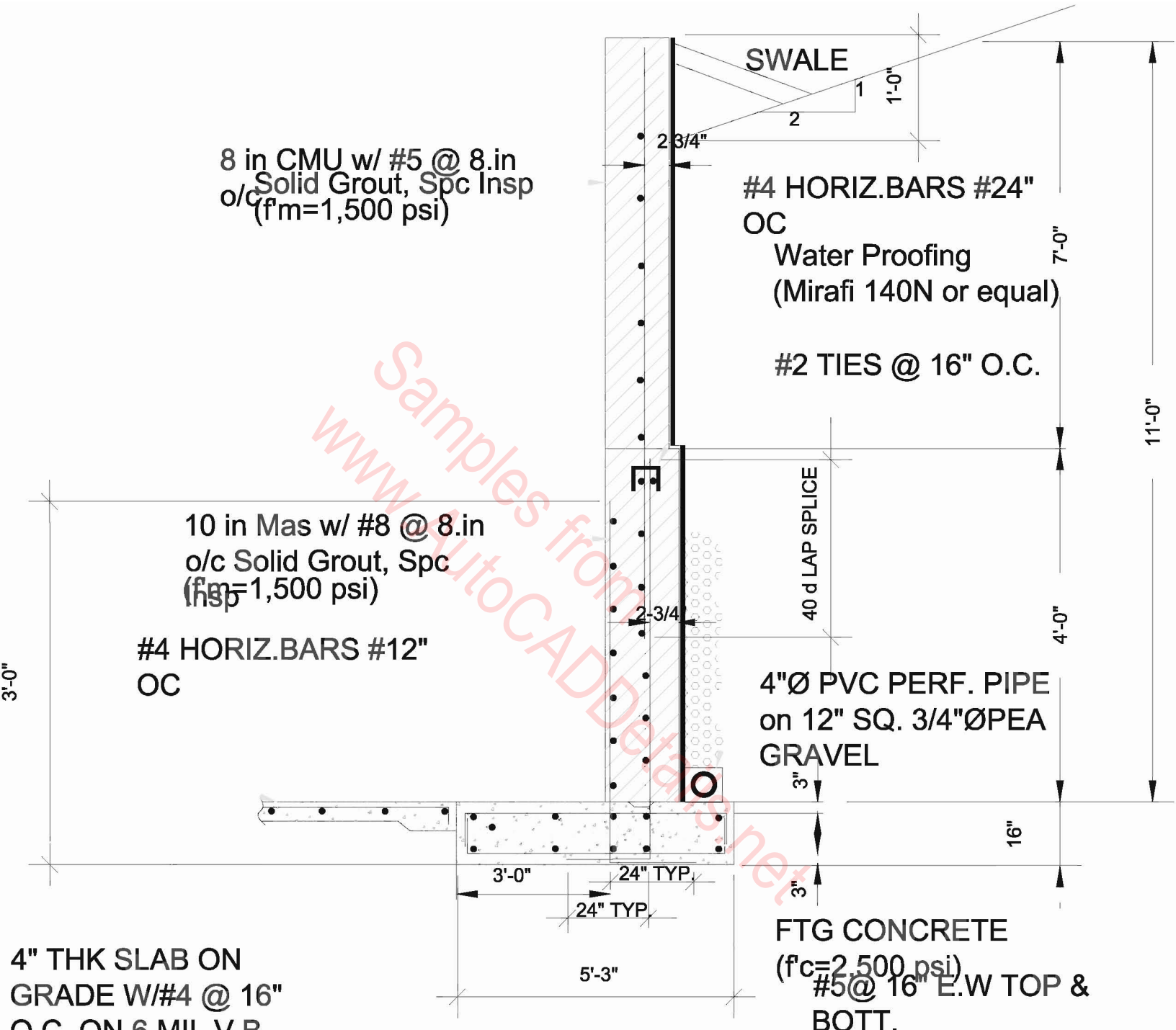


Samples from www.AutoCADDetails.net

CONCRETE & CMU WALL SCHEDULE

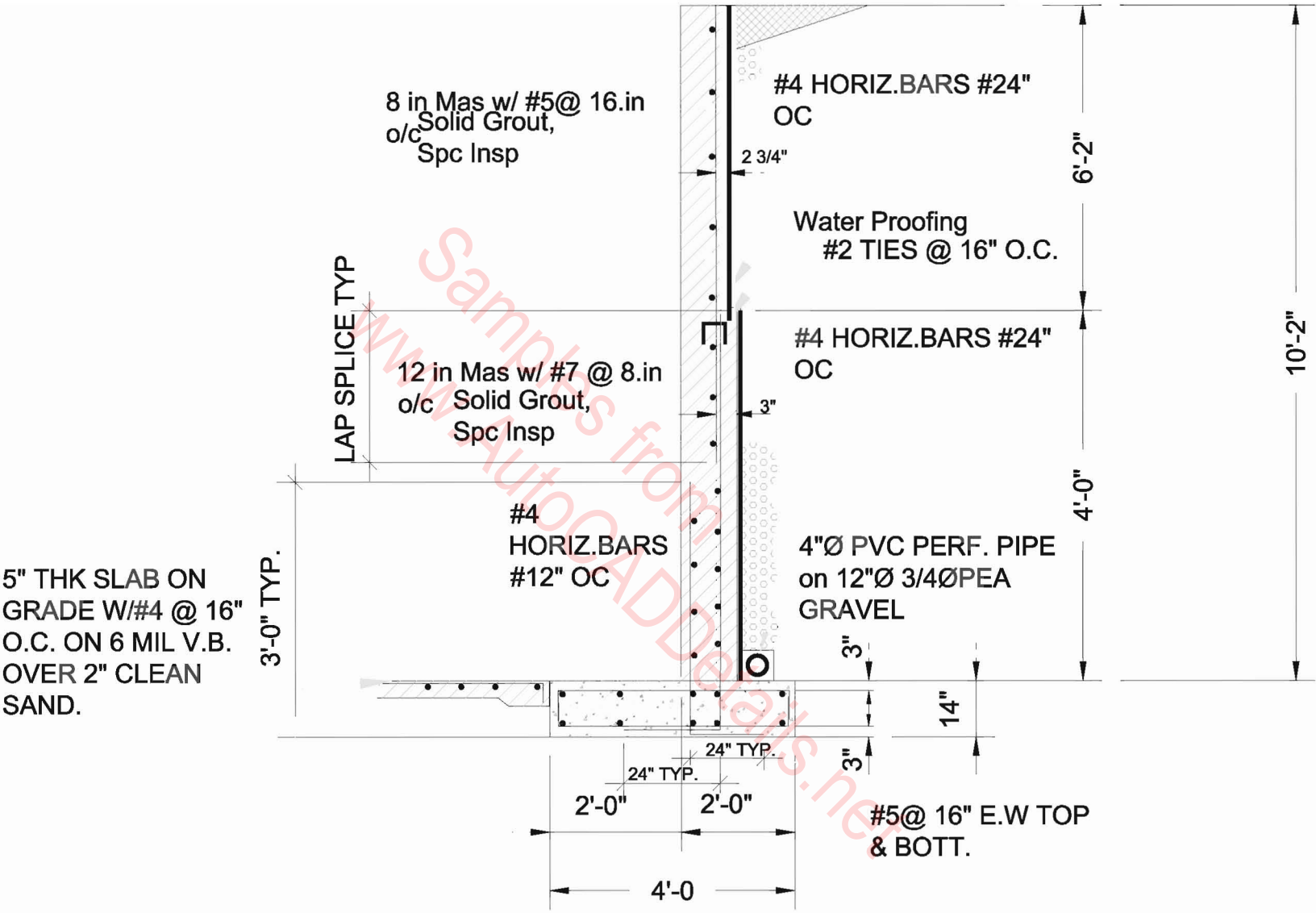
"H1/H2"	"T"		TYPE		"A"	"B"	"C"	
4'-0"	12"	LOWER LEVEL	CONC.		#6@8"O.C.	#4@24"O.C.	#5@16"O.C.	
6'-0"	12"	UPPER LEVEL	CMU		#5@16"O.C.	#4@24"O.C.	–	

RETAINING WALL



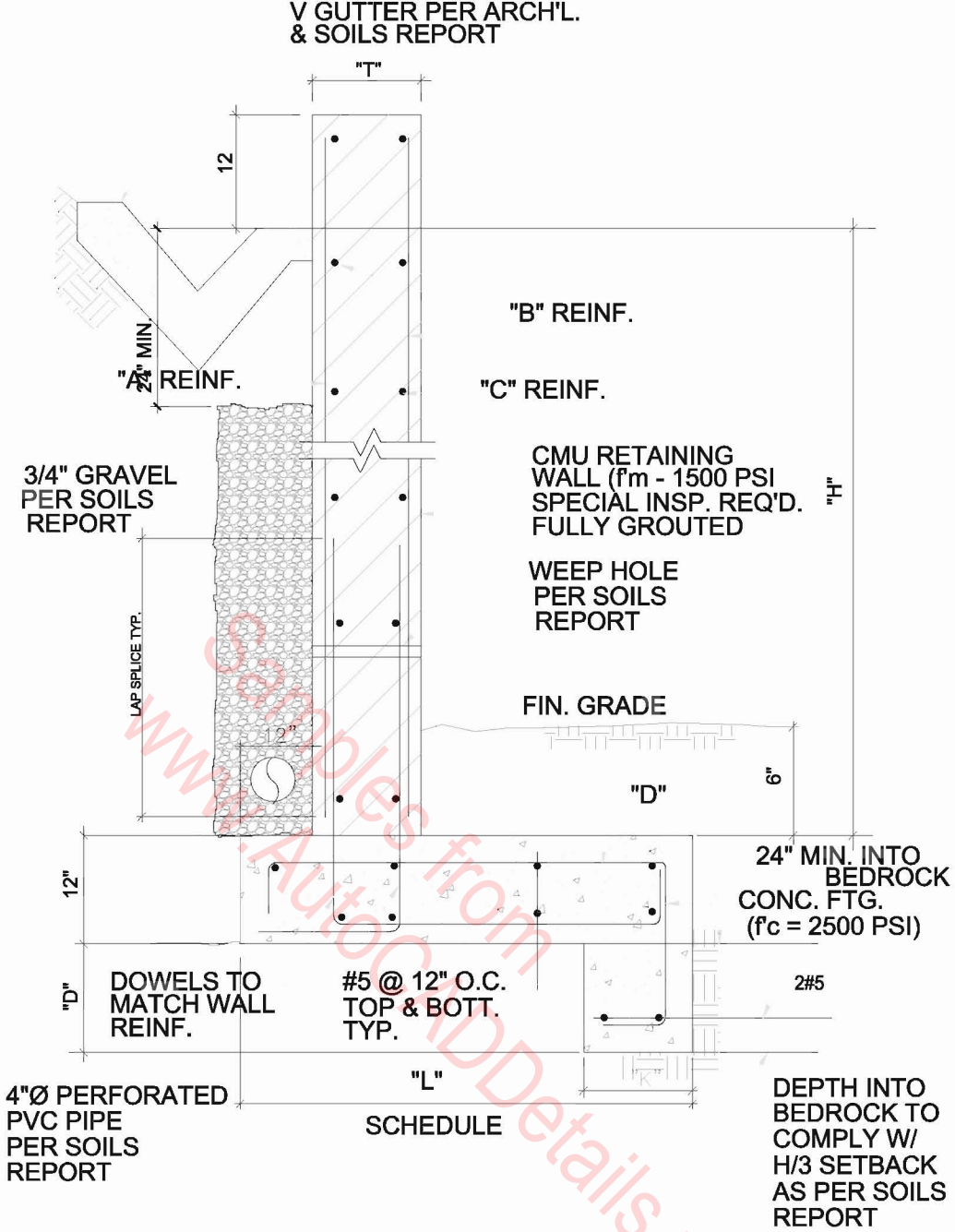
Samples from www.AutoCADDetails.net

10' RETAINING WALL DET.



Samples from www.AutoCADDetails.net

RETAINING WALL DET.



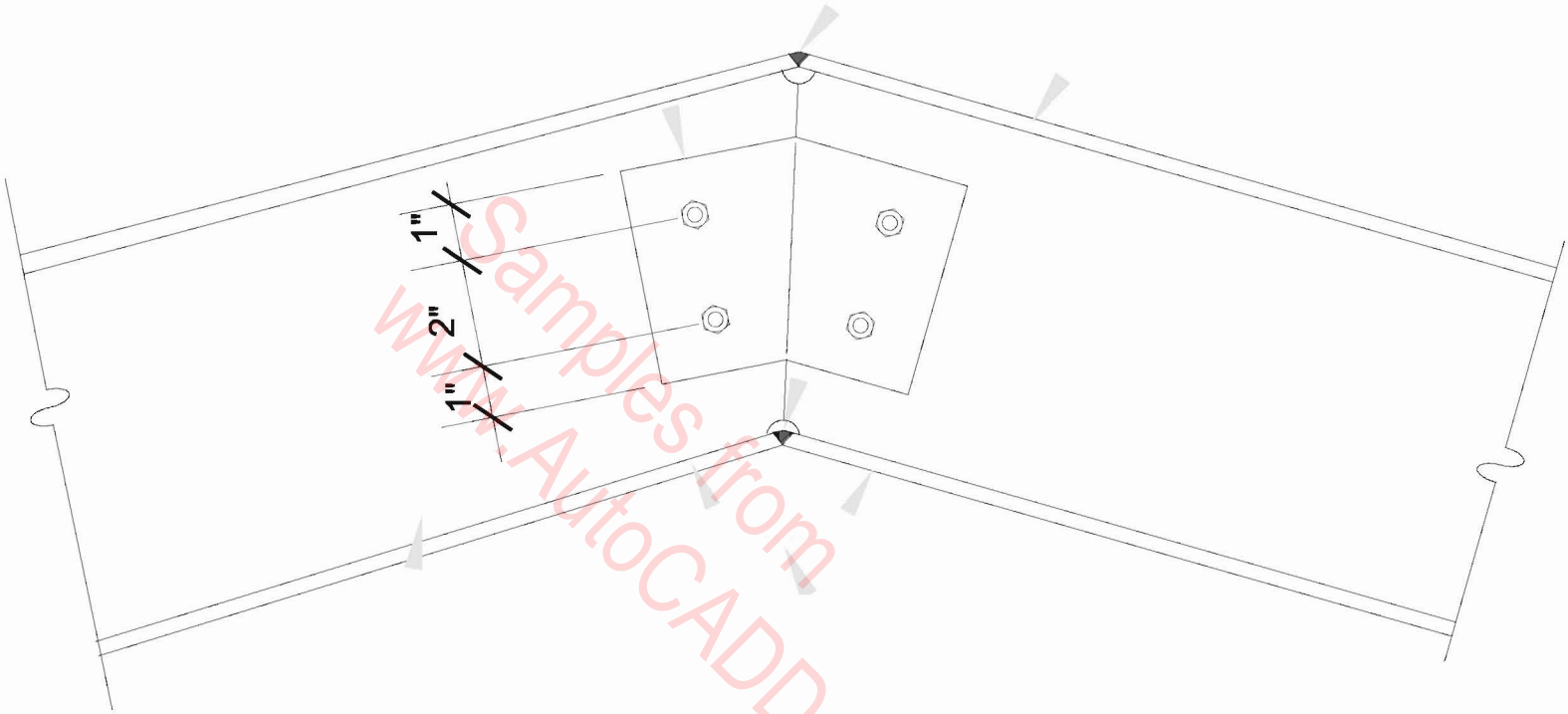
Samples from
www.AutoCADDetails.net

"H"	"T"	"L"	"D"	"K"	"A"	"B"	"C"	"D"
5'	8"	2'-2"	–	–	#4@16"O.C.	#4@24"O.C.	–	#4@16"O.C.

RETAINING WALL

6"X4"X1/4 STL PLATE
W/ 2-5/8"Ø A325F BOLT

STL BEAM.REF.



STL BEAM.REF.

VERIFY ANGLE
AT THE JOBSITE

Samples from
www.AutoCADDetails.net

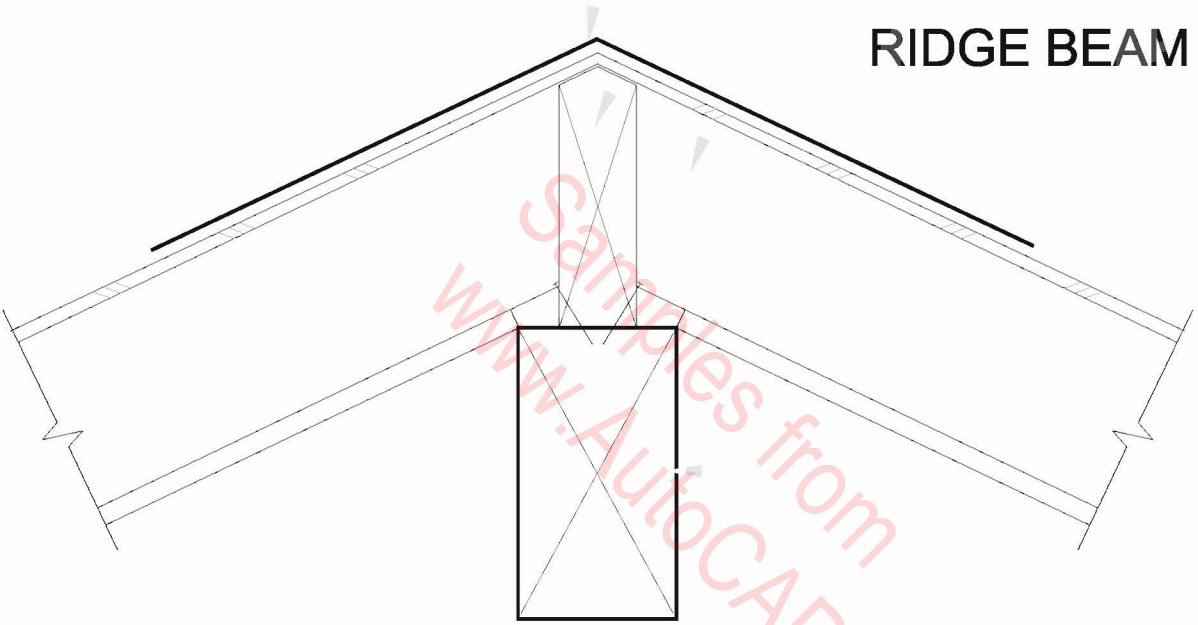
RIDGE DETAIL

MSTA36 @ 48" O.C.

2x RIDGE BOARD

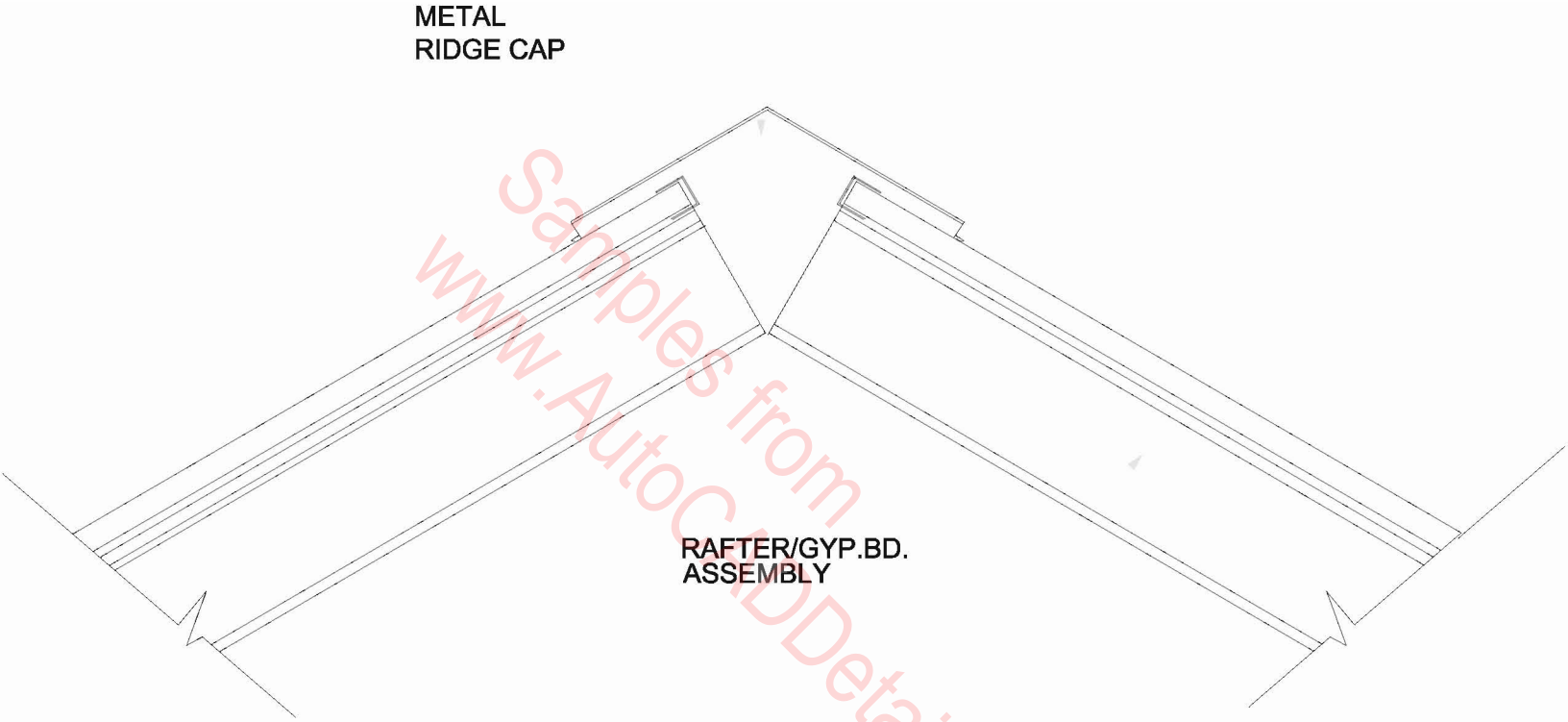
ROOF FRAMING, REF.

RIDGE BEAM WHERE OCCURS



Samples from
www.AutoCADDetails.net

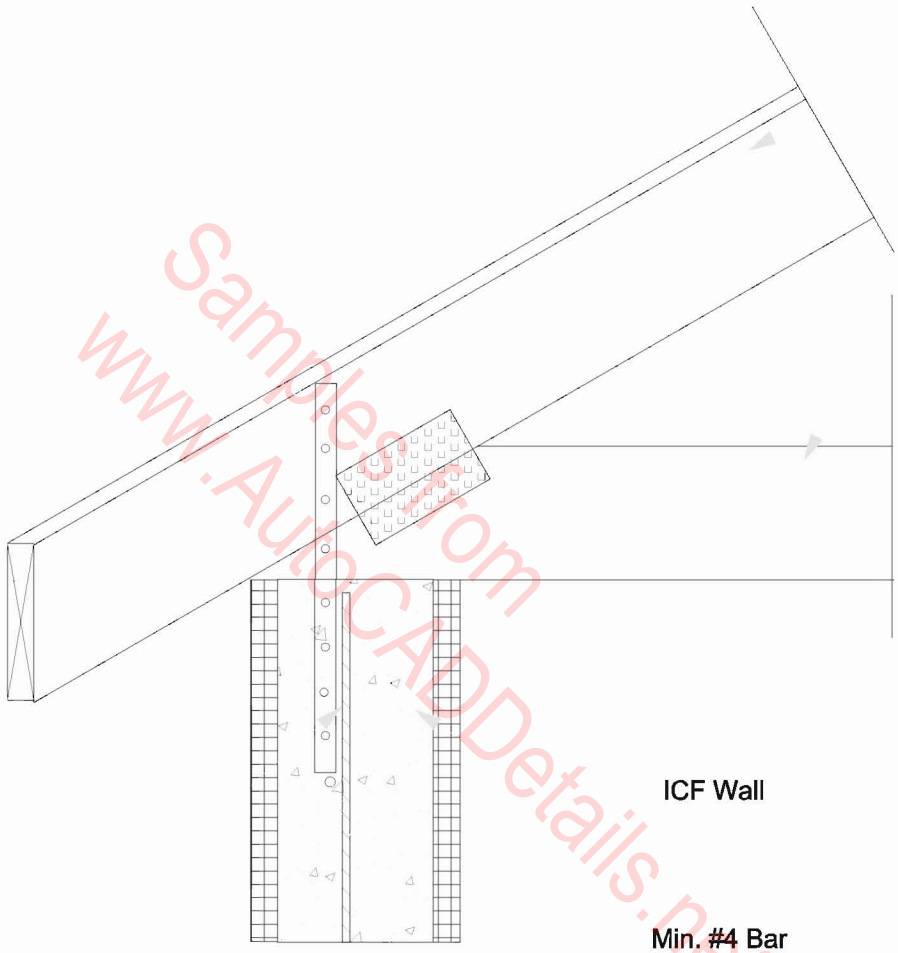
RIDGE DETAIL



Samples from
www.AutoCADDetails.net

RIDGE VENT DETAIL FOR METAL ROOF

Light Frame Roof



Uplift Connector

as Required

Vertical Wall

Reinforcement as

Required

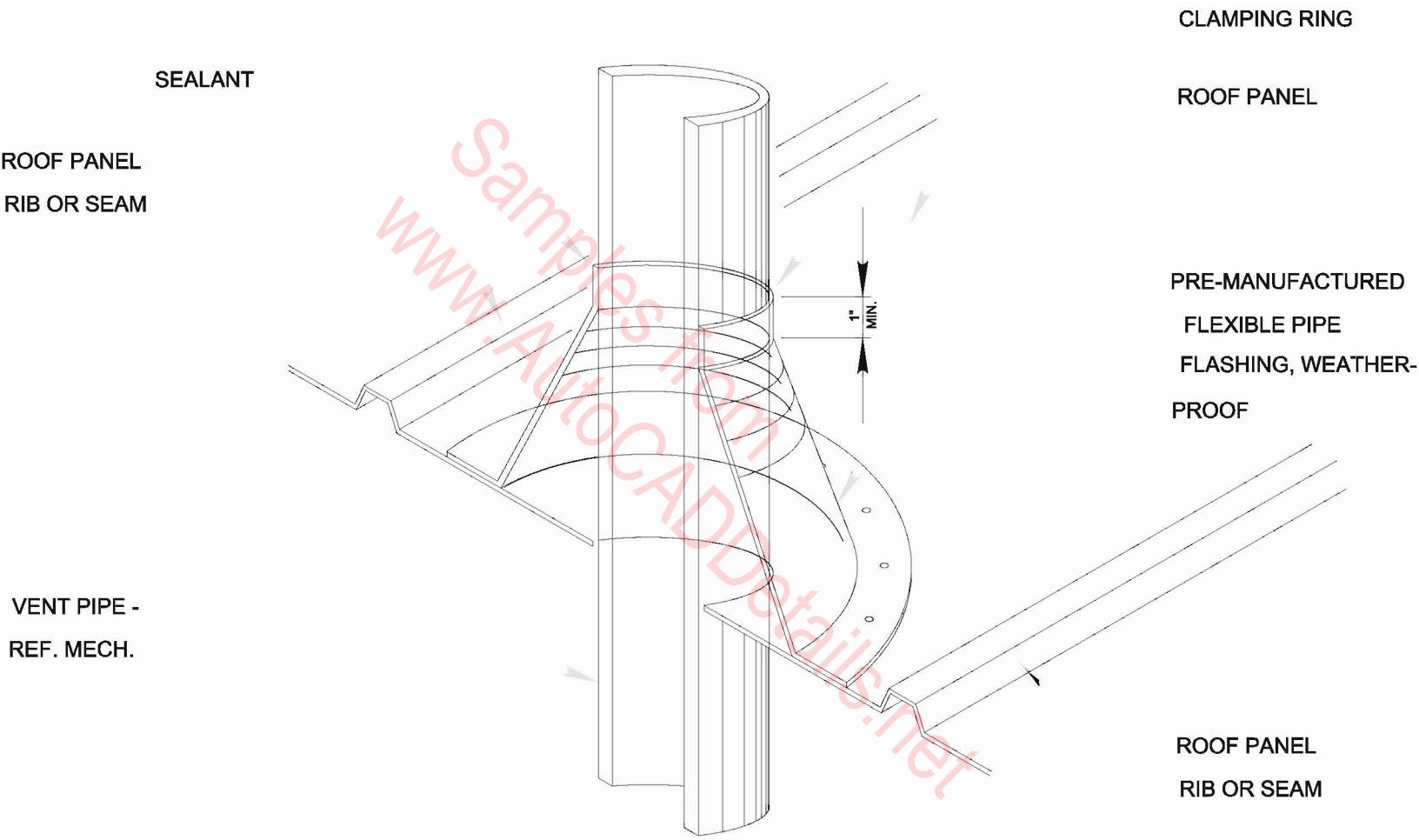
ICF Wall

Min. #4 Bar

(Continuous)

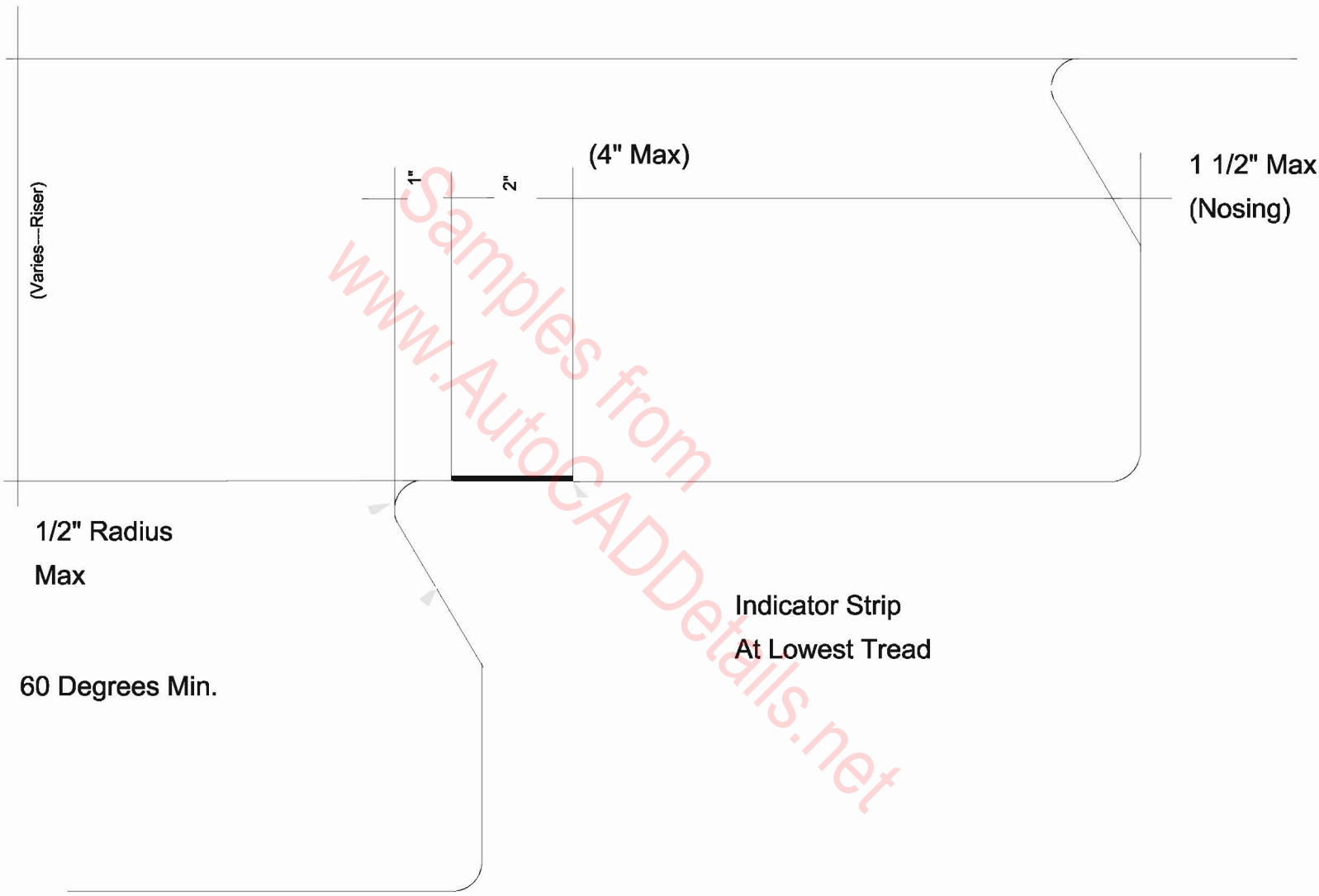
Samples from
www.AutoCADDetails.net

Roof ICF Wall
System Connection



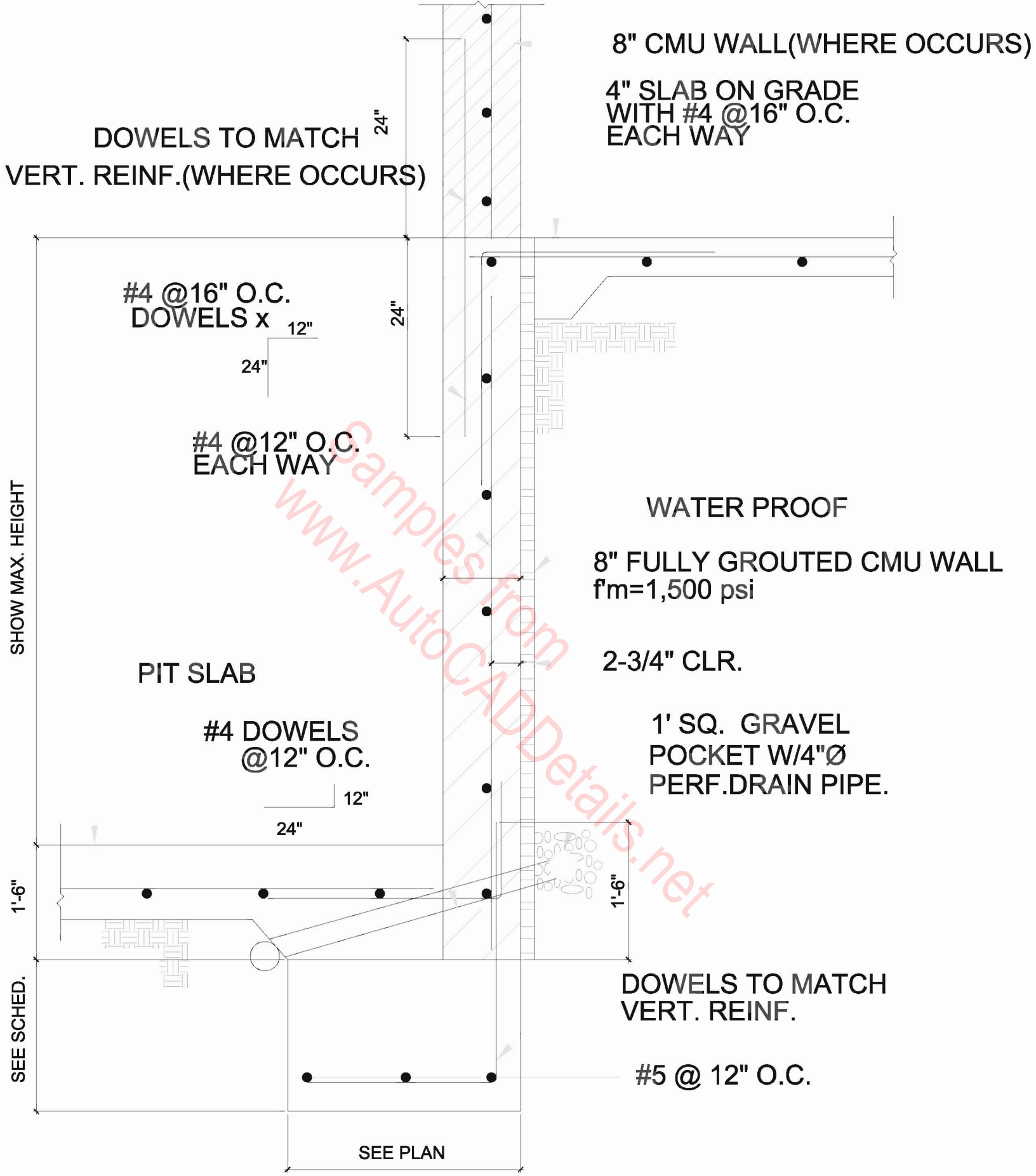
Samples from www.AutoCADDetails.net

ROOF VENT DETAIL



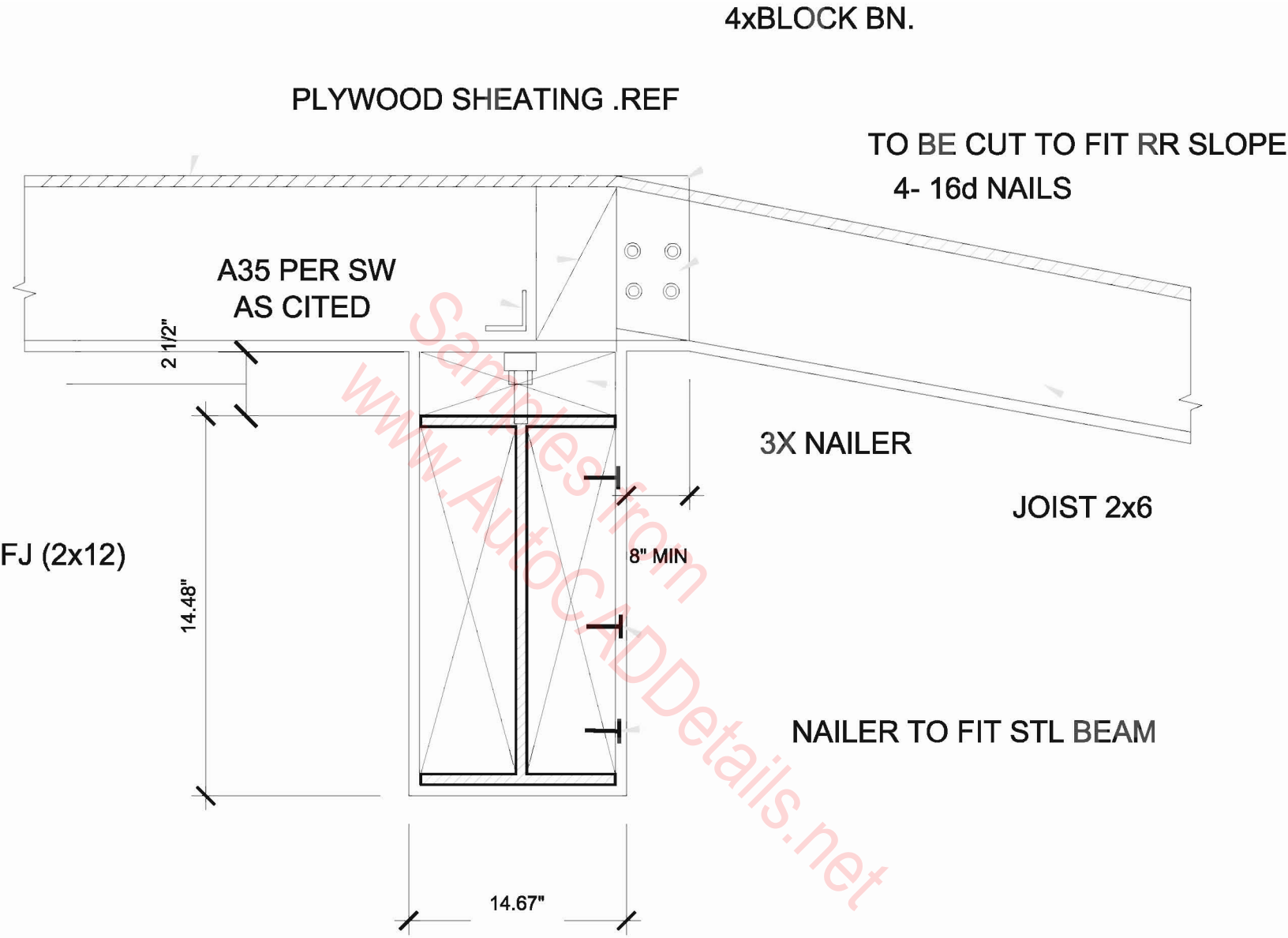
ROUND TREAD

Samples from
www.AutoCADDetails.net



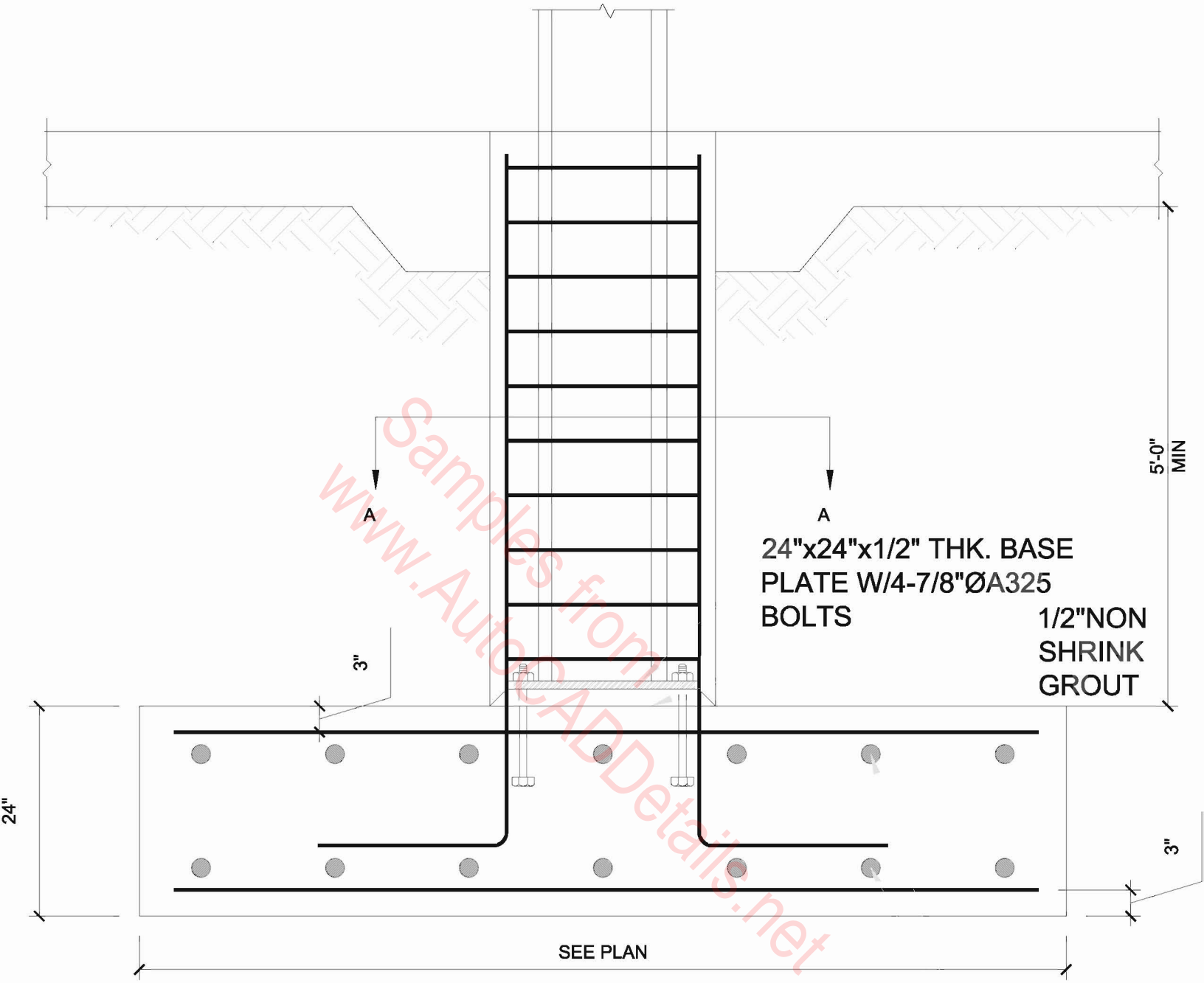
Samples from www.AutoCADDetails.net

S.O.G.-CMU WALL DETAIL



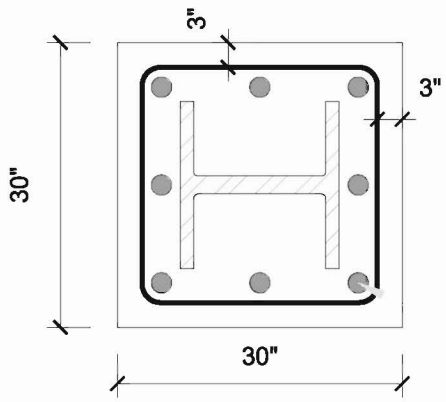
Samples from www.AutoCADDetails.net

SECTION @MF ALONG (E)



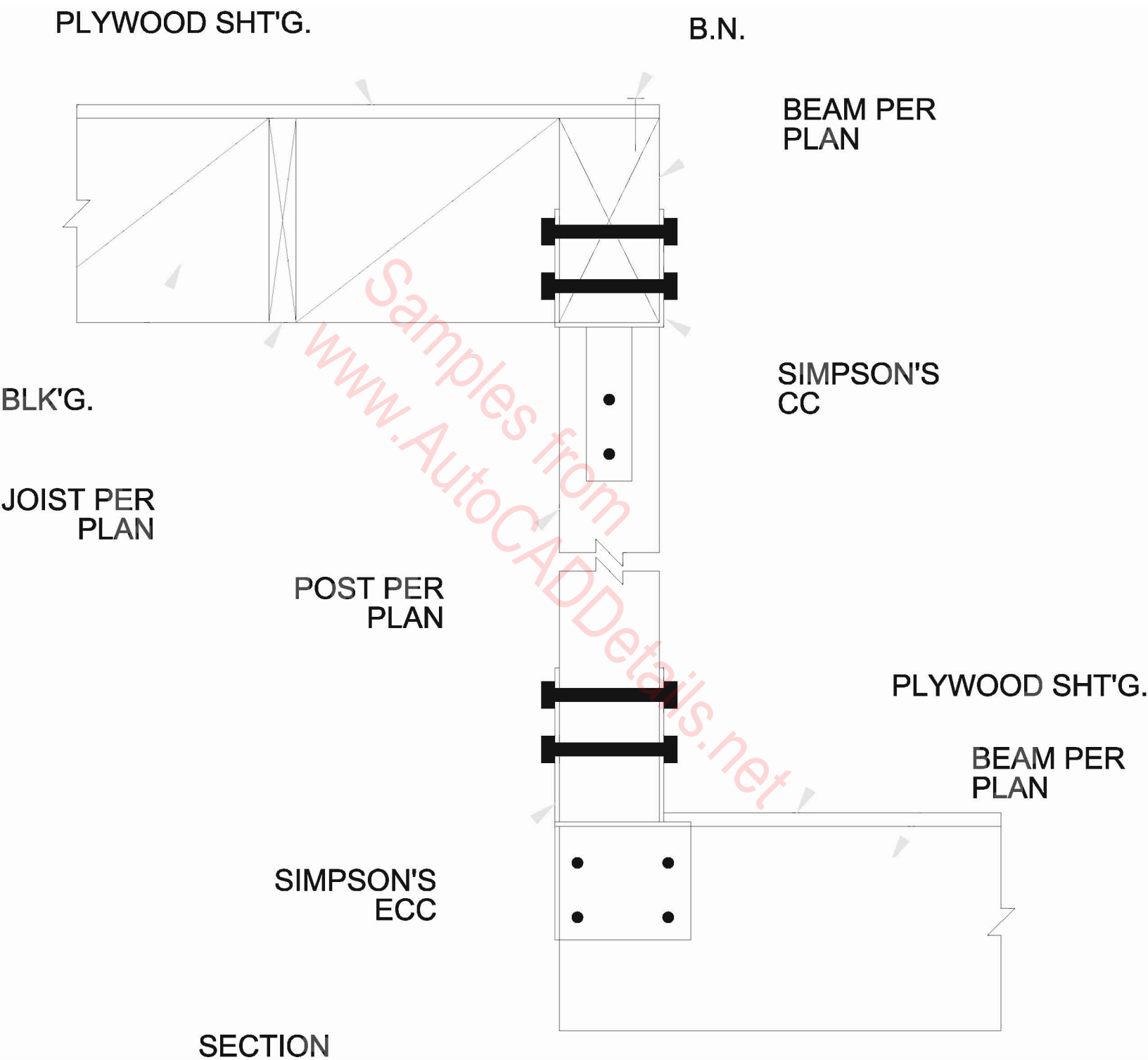
Samples from
www.AutoCADDetails.net

SEE PLAN

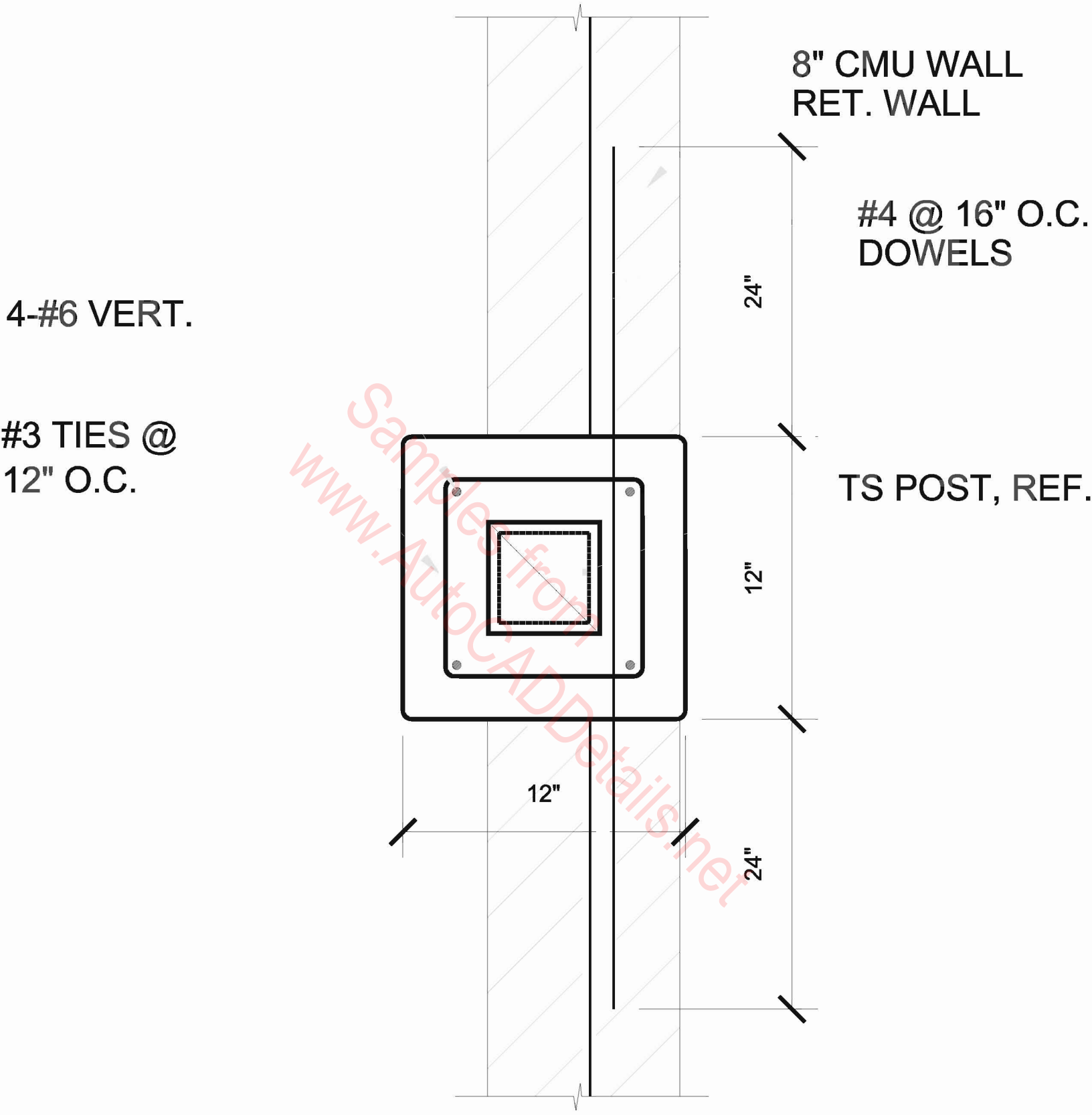


8-#9 VERT.
W/ #3 TIES @ 4" O.C.

SECTION A-A



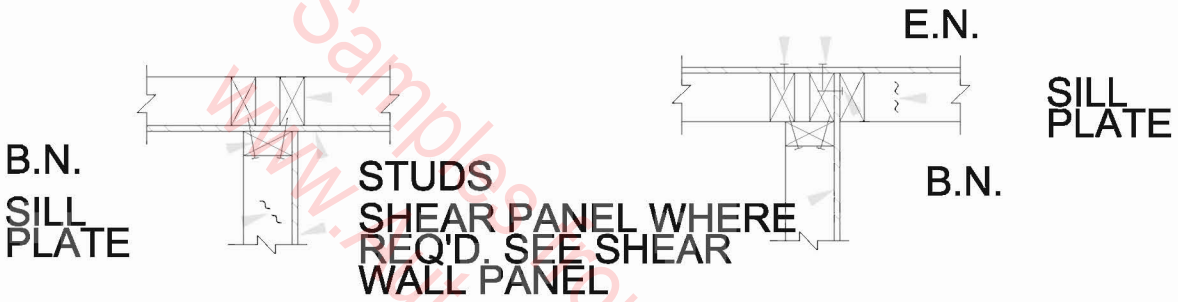
Samples from www.AutoCADDetails.net



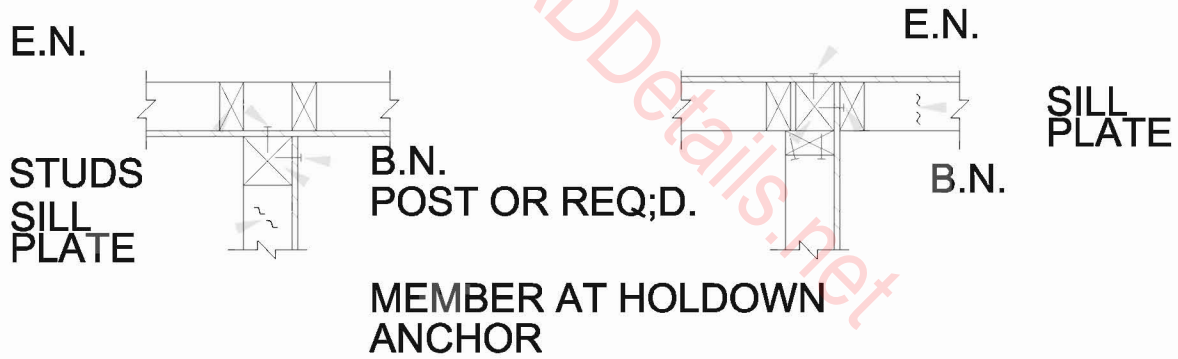
Samples from
www.AutoCADDetails.net

SECTION A-A

NOTE: STUDS IN DIRECT CONTECT SHALL BE NAILED TOGETHER W/ 16d AT 12" O.C. (STAGGERED). STUD SEPARTATED BY SHEATING SHALL BE NAILED W/ 20d AT 12" 0.C. U.N.O.



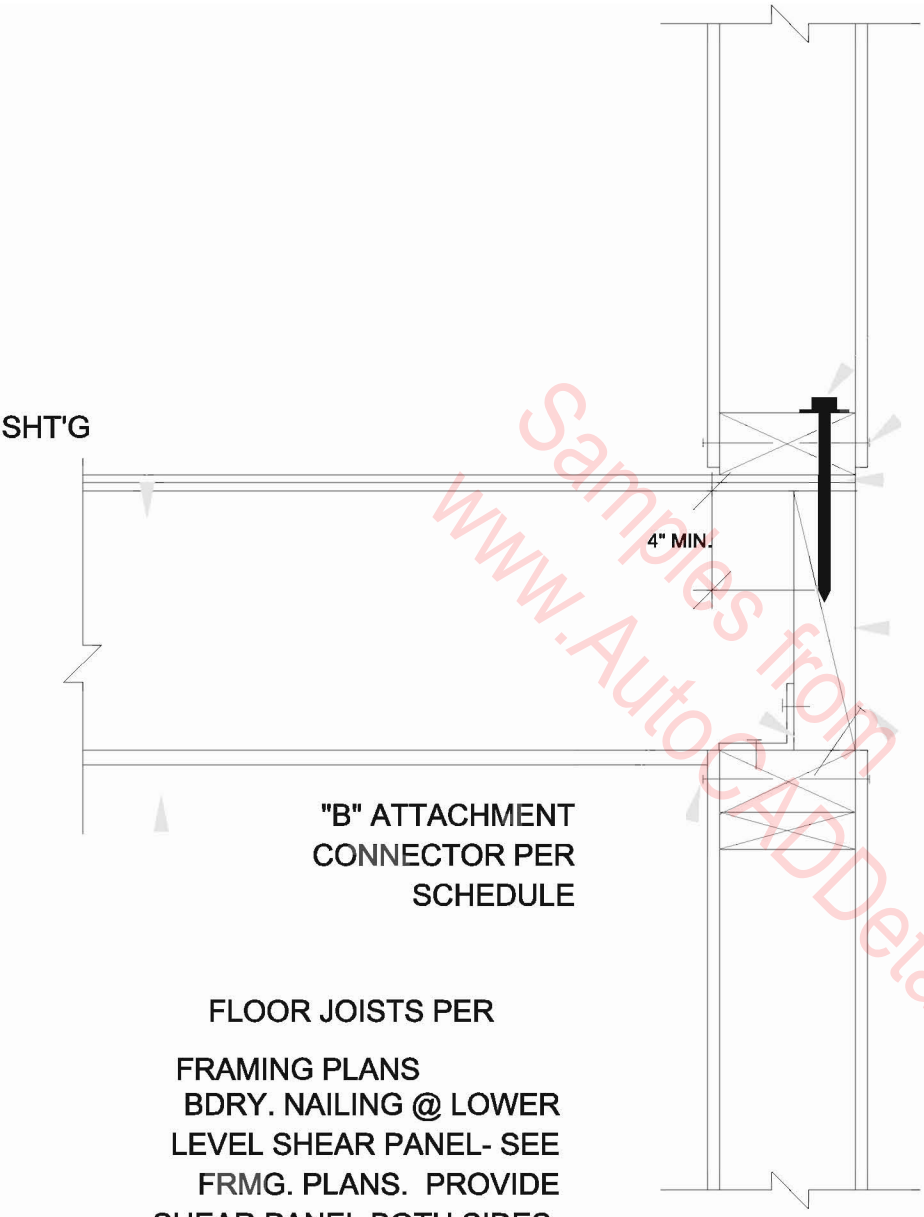
TYPICAL CONDITION AT INTERSECTIONS



CONDITIONS AT POST OR HOLDOWN ANCHOR

SHEAR PANEL AT STUD WALL CORNERS (DT19)

Samples from www.AutoCADDetails.net



"A" ATTACHMENT PER
SCHEDULE @SHEARPANELS
16d @ 8"O.C. TYP.
U.N.O. ELSEWHERE

BDRY NAILING @ UPPER
LEVEL SHEAR PANEL

FLOOR SHT'G B.N.
PER FRAMING PLANS.

3x SOLID BLK'G
BETWEEN JOISTS

"B" ATTACHMENT
CONNECTOR PER
SCHEDULE

"B" ATTACHMENT NAIL'G. PER SCHEDULE
16d @ 8" TOE NAIL'G. TYP. U.N.O.

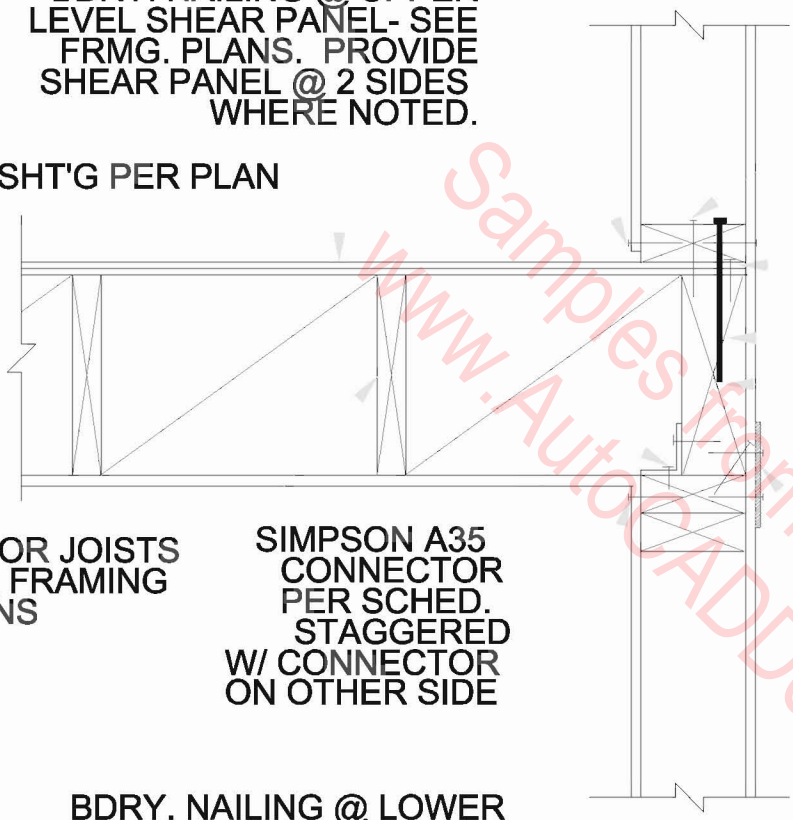
FLOOR JOISTS PER
FRAMING PLANS
BDRY. NAILING @ LOWER
LEVEL SHEAR PANEL- SEE
FRMG. PLANS. PROVIDE
SHEAR PANEL BOTH SIDES
WHERE NOTED.

Samples from
www.AutoCADDetails.net

SHEAR PANEL CONN. @ FLOOR

BDRY. NAILING @ UPPER LEVEL SHEAR PANEL- SEE FRMG. PLANS. PROVIDE SHEAR PANEL @ 2 SIDES WHERE NOTED.

SHT'G PER PLAN



ATTACHMENT "A" PER SCHEDULE
16d @ 8"O.C. TYP. U.N.O.

BDRY. NAIL FLOOR SHT'G PER FRAMING PLANS.
1/2" LAG SCREWS W/ 4" MIN EMBED.
3x CONT WHERE LAG SCREWS APPLIES OR BEAM PER PLAN

FLOOR JOISTS PER FRAMING PLANS

SIMPSON A35 CONNECTOR PER SCHED. STAGGERED W/ CONNECTOR ON OTHER SIDE

ATTACHMENT "B" SIMPSON A35F PER SCHEDULE, MINIMUM 16d @ 8" TOE NAIL'G. TYP. U.N.O.

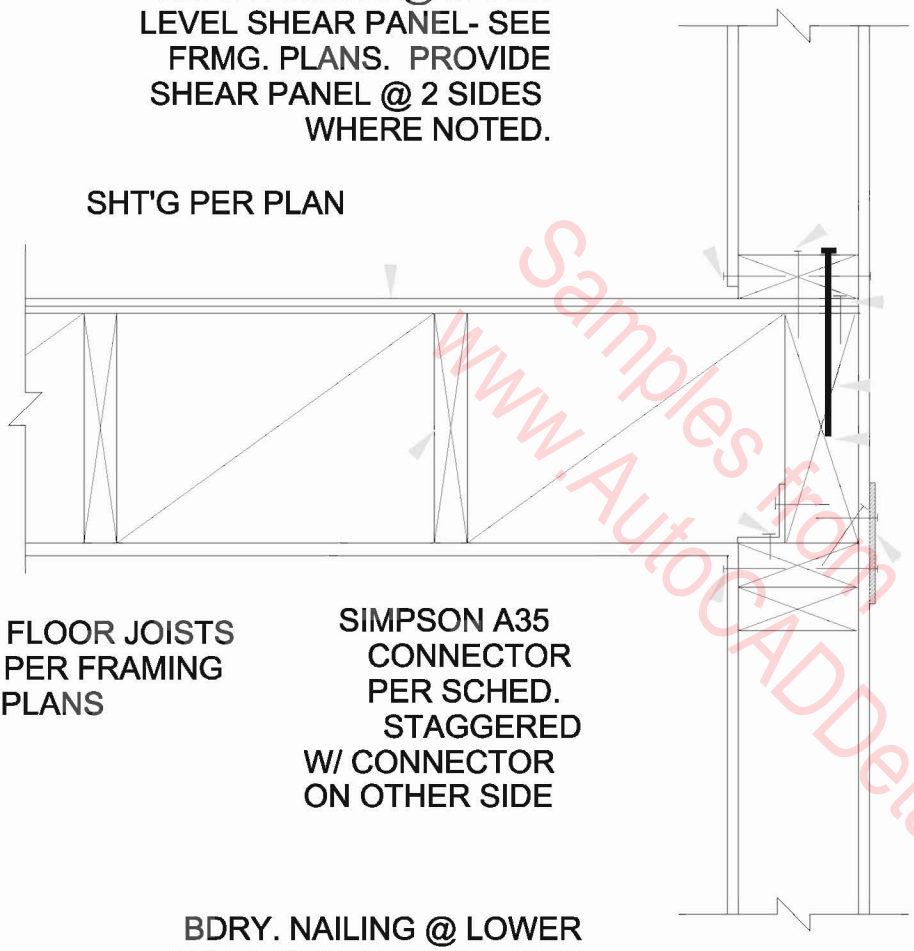
BDRY. NAILING @ LOWER LEVEL SHEAR PANEL- SEE FRMG. PLANS. PROVIDE SHEAR PANEL @ 2 SIDES WHERE NOTED.

Samples from www.AutoCADDetails.net

SHEAR PANEL CONN. @ FLOOR

BDRY. NAILING @ UPPER LEVEL SHEAR PANEL- SEE FRMG. PLANS. PROVIDE SHEAR PANEL @ 2 SIDES WHERE NOTED.

SHT'G PER PLAN



ATTACHMENT "A" PER SCHEDULE
16d @ 8"O.C. TYP. U.N.O.

BDRY. NAIL FLOOR SHT'G PER FRAMING PLANS.

1/2" LAG SCREWS W/ 4" MIN EMBED.

3x CONT WHERE LAG SCREWS APPLIES OR BEAM PER PLAN

FLOOR JOISTS PER FRAMING PLANS

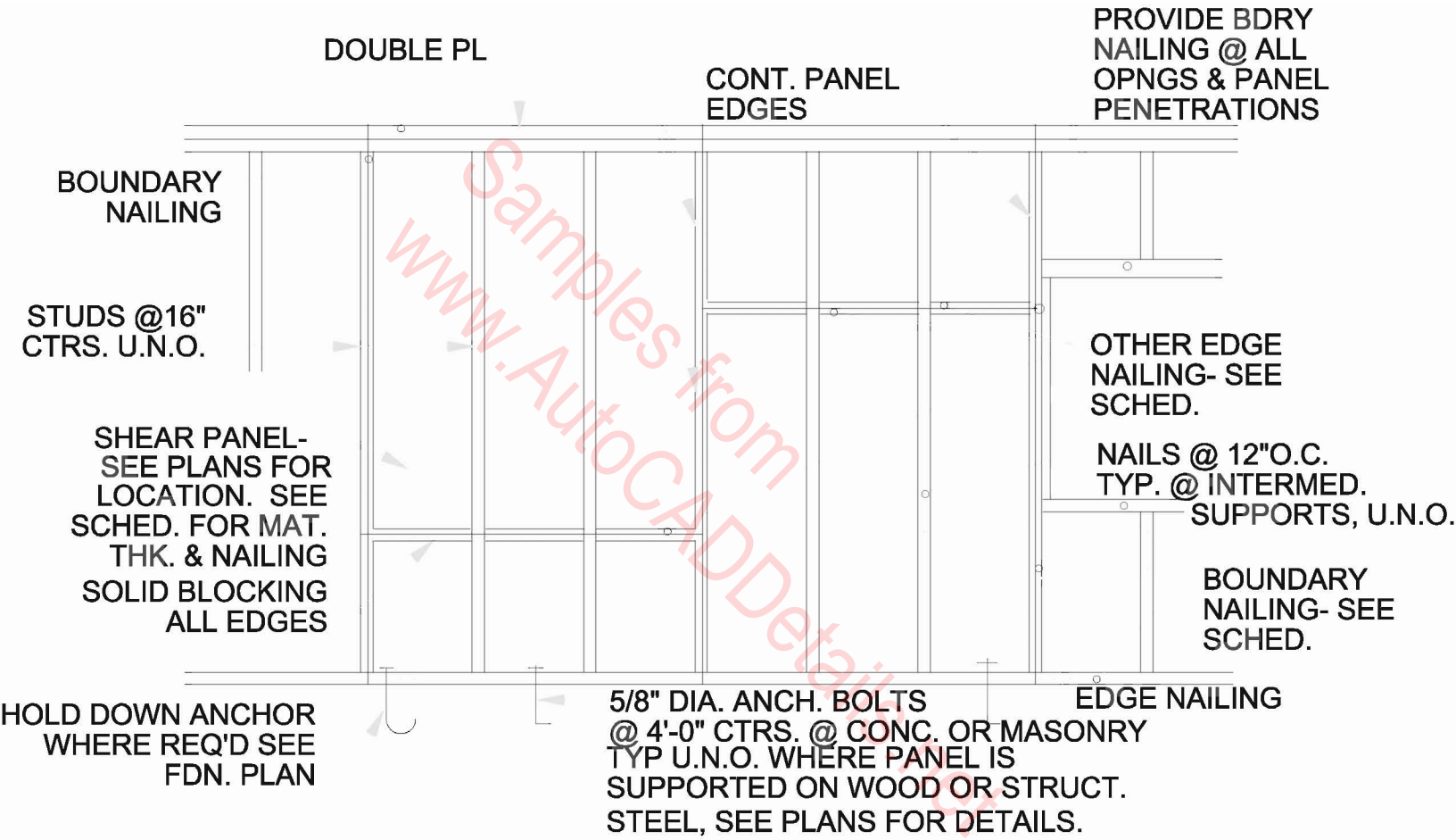
SIMPSON A35 CONNECTOR PER SCHED. STAGGERED W/ CONNECTOR ON OTHER SIDE

ATTACHMENT "B" SIMPSON A35F PER SCHEDULE, MINIMUM 16d @ 8" TOE NAIL'G. TYP. U.N.O.

BDRY. NAILING @ LOWER LEVEL SHEAR PANEL- SEE FRMG. PLANS. PROVIDE SHEAR PANEL @ 2 SIDES WHERE NOTED.

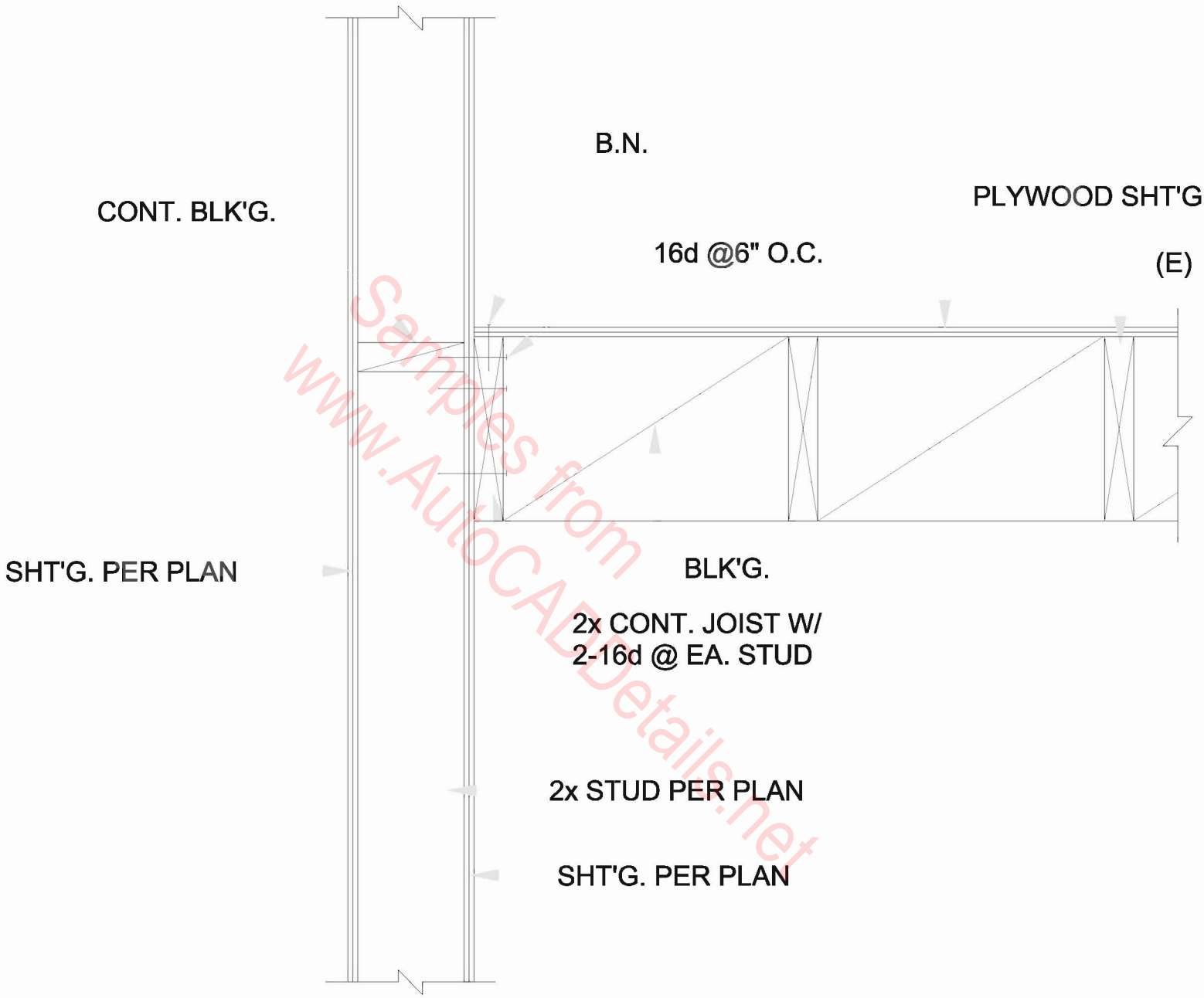
SHEAR PANEL CONN. @ FLOOR

Samples from www.AutoCADDetails.net



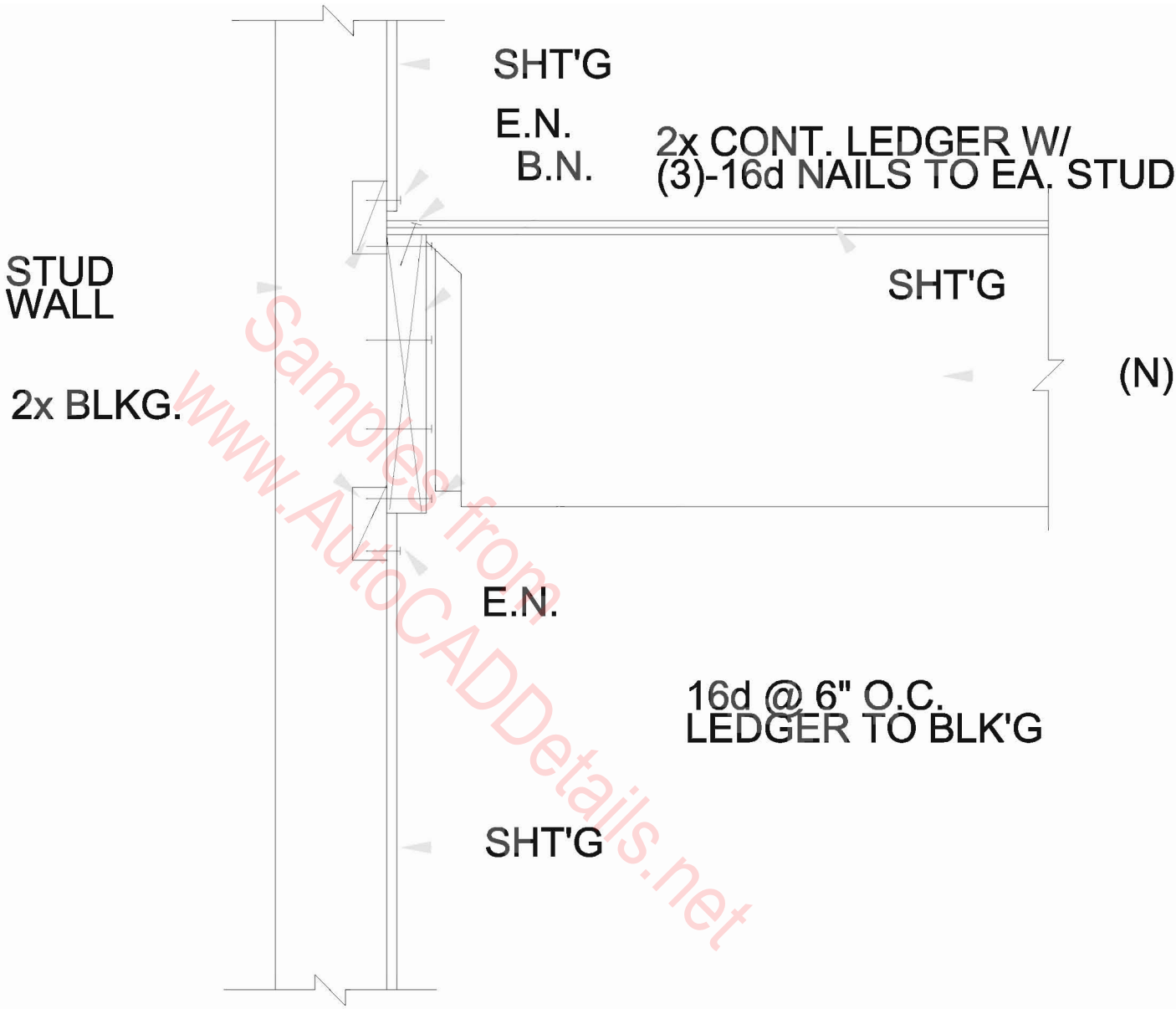
Samples from www.AutoCADDetails.com

SHEAR PANEL DET. (SPDS)



Samples from www.AutoCADDetails.net

SHEAR TRANSFER @ LEDGER (STL2)



Samples from
www.AutoCADDetails.net

SHEAR TRANSFER @ LEDGER STL

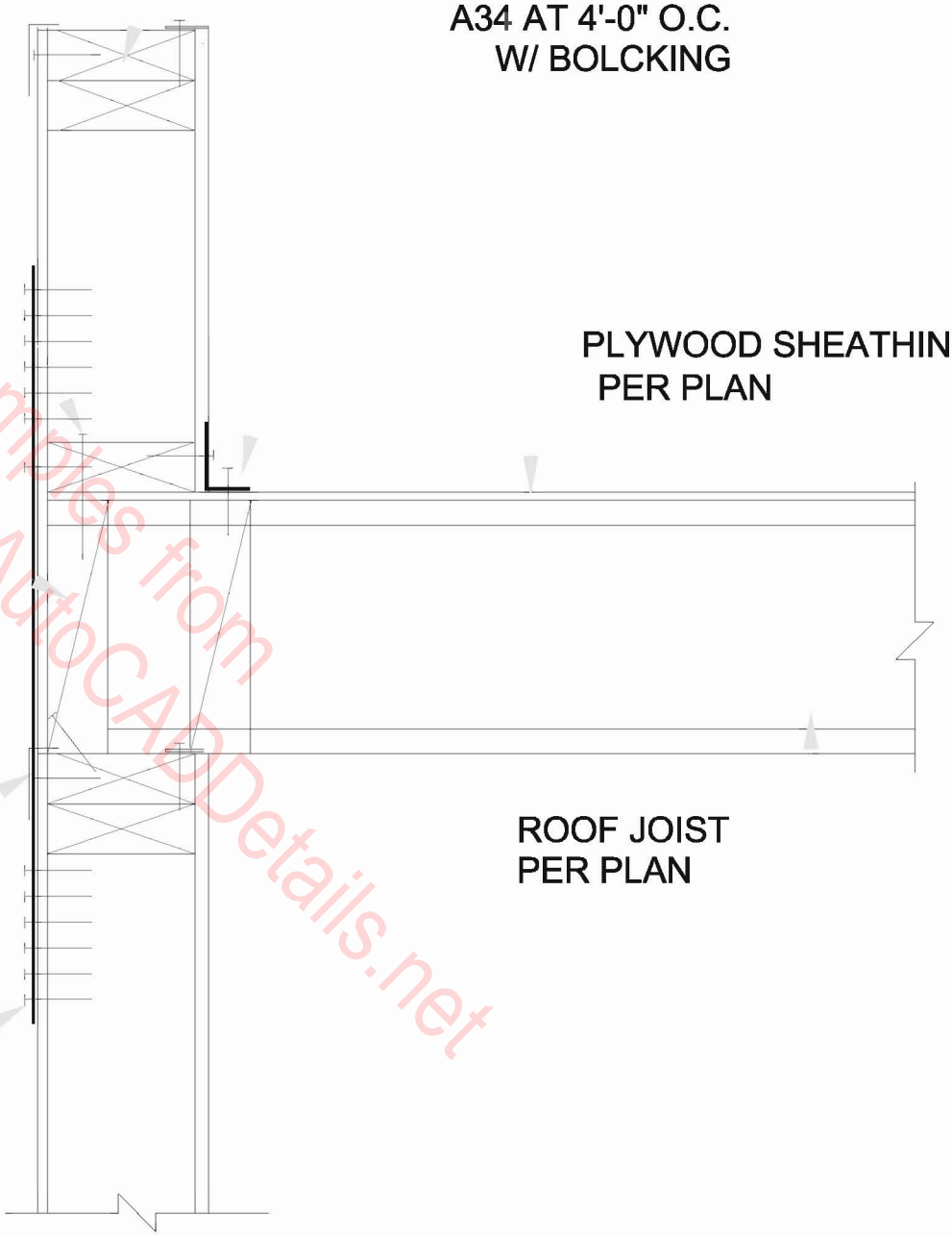
PARAPHET WHERE OCCURS

A34 AT 4'-0" O.C.
W/ BOLCKING

B.N.

PLYWOOD SHEATHING
PER PLAN

2x FULL DEPTH BLK'G
W/(3) 16d TOE NAILS
PER BLOCK
OR BEAM PER PLAN



ROOF JOIST
PER PLAN

E.N. SHT'G TO UPPER
PLATE

ST6236 AT 4'-0" O.C.

Samples from
www.AutoCADDetails.net

SHEAR TRANSFER @ ROOF

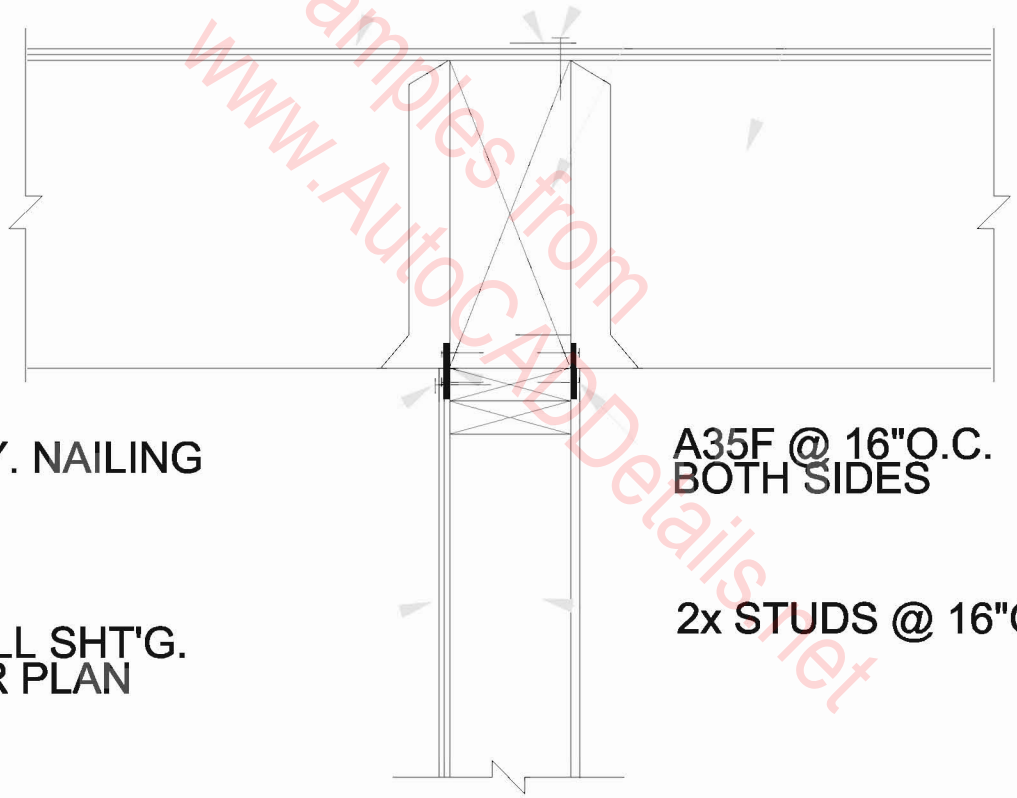
SIMPSON'S CMST PER PLAN
@TOP OR BOTTOM

PLYWOOD BDRY. NAILING TYP.

BEAM PER PLAN

PLYWOOD SHT'G.

JOISTS PER PLAN



BDRY. NAILING

A35F @ 16"O.C.
BOTH SIDES

2x STUDS @ 16"O.C.

WALL SHT'G.
PER PLAN

Samples from
www.AutoCADDetails.net

SHEAR TRANSFER @ ROOF

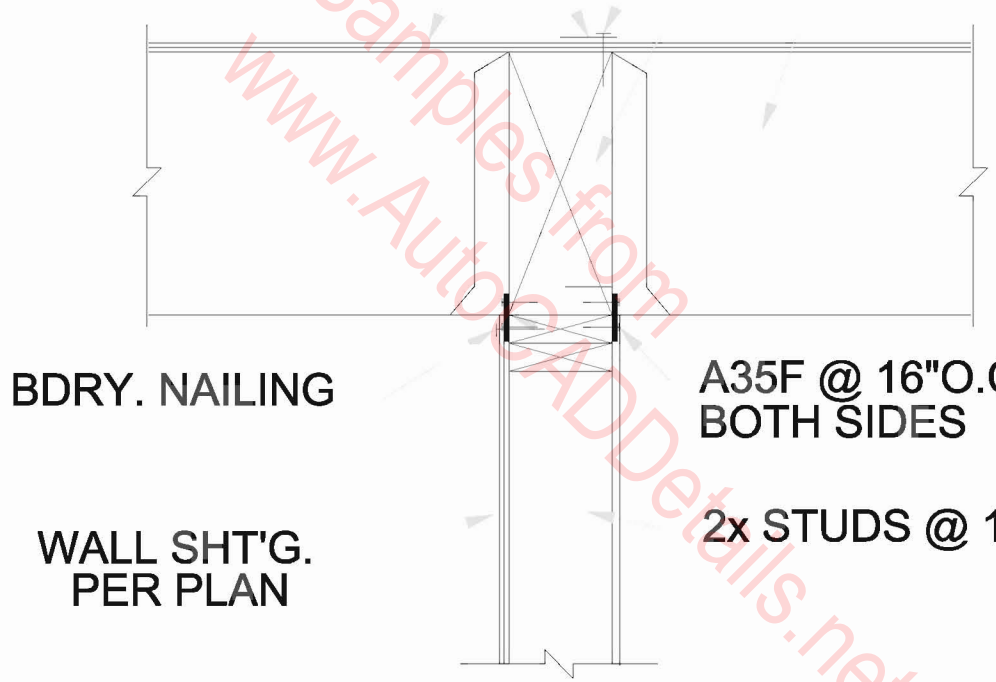
SIMPSON'S CMST PER PLAN
@TOP OR BOTTOM

PLYWOOD BDRY. NAILING TYP.

BEAM PER PLAN

JOISTS PER PLAN

PLYWOOD SHT'G.



BDRY. NAILING

A35F @ 16"O.C.
BOTH SIDES

2x STUDS @ 16"O.C.

WALL SHT'G.
PER PLAN

Samples from
www.AutoCADDetails.net

SHEAR TRANSFER @ ROOF

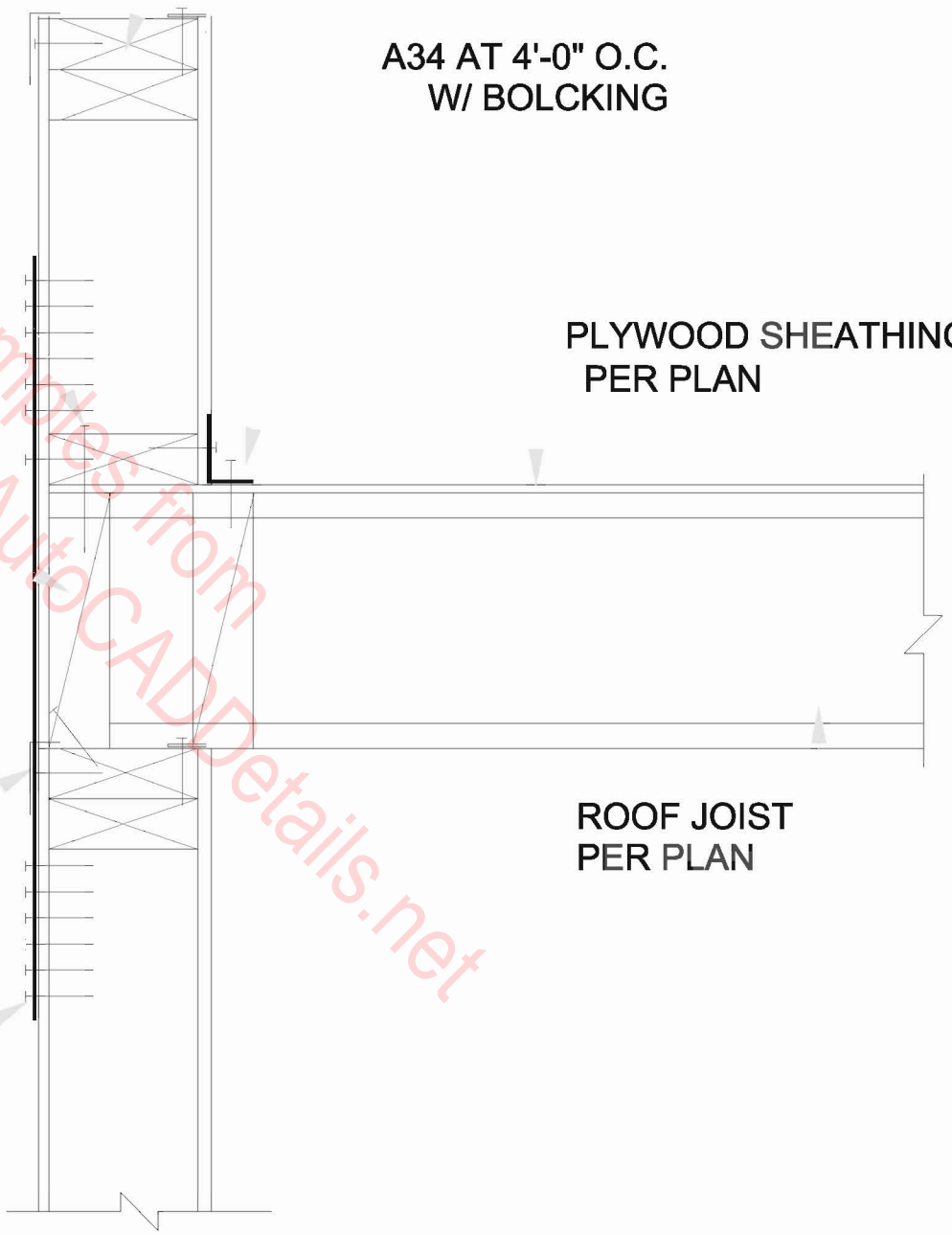
PARAPHET WHERE OCCURS

A34 AT 4'-0" O.C.
W/ BOLCKING

B.N.

PLYWOOD SHEATHING
PER PLAN

2x FULL DEPTH BLK'G
W/(3) 16d TOE NAILS
PER BLOCK
OR BEAM PER PLAN



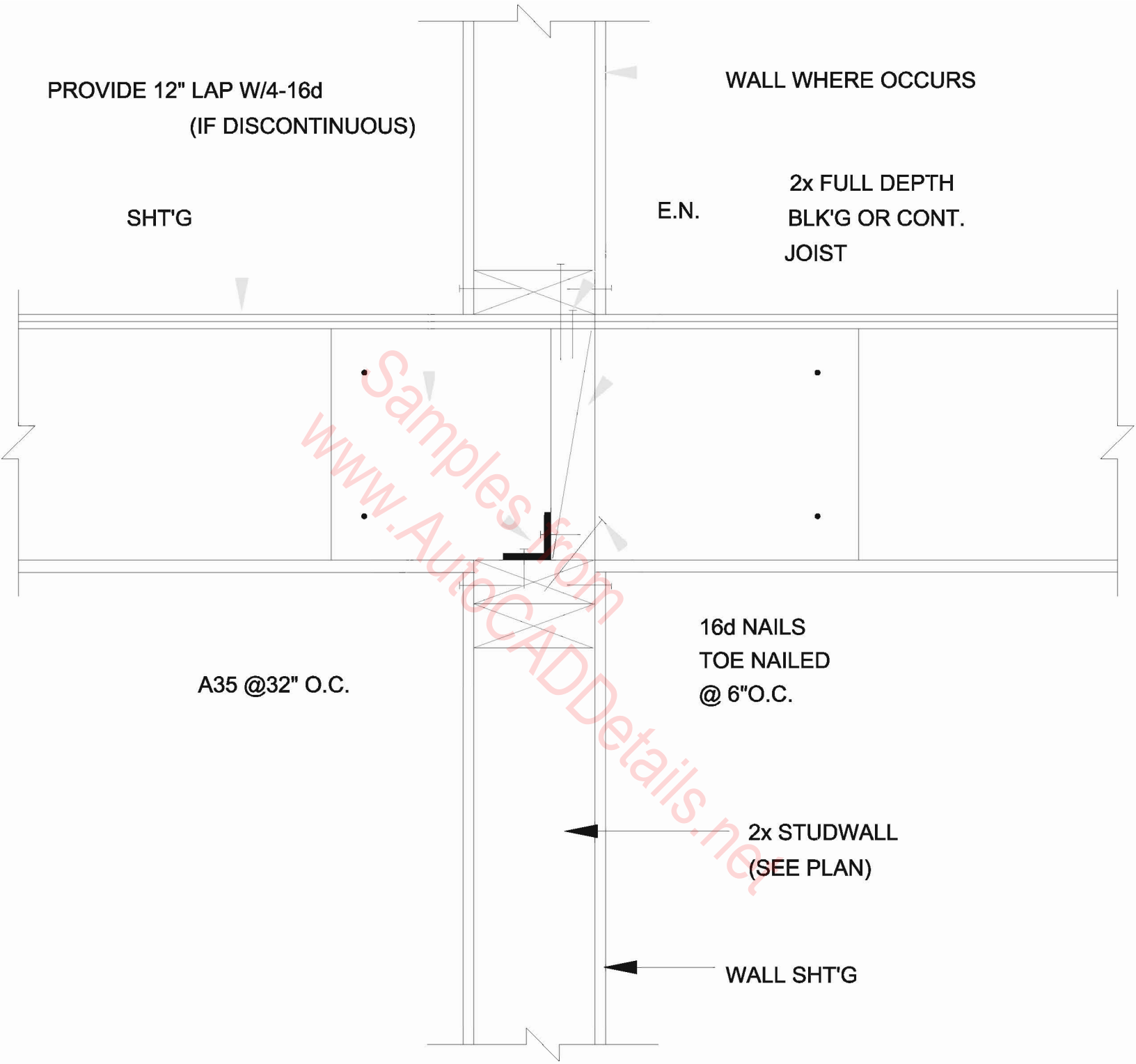
ROOF JOIST
PER PLAN

E.N. SHT'G TO UPPER
PLATE

ST6236 AT 4'-0" O.C.

Samples from
www.AutoCADDetails.net

SHEAR TRANSFER @ ROOF



Samples from
www.AutoCADDetails.net

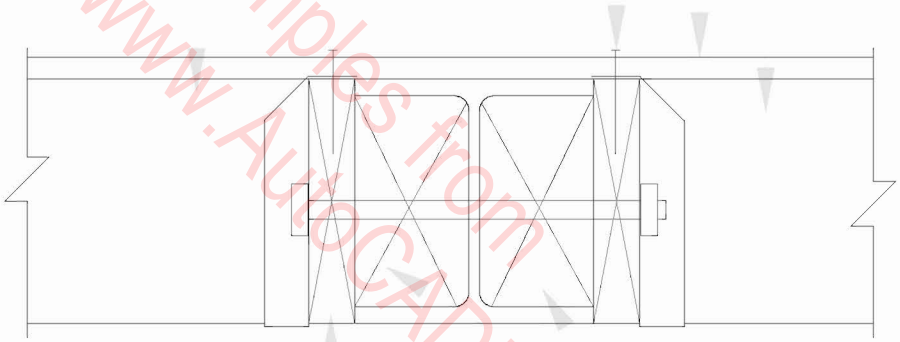
SHEAR TRANSFER @ ROOF OR FLOOR

B.N.

PLYWOOD SHEATHING
PER PLAN

JOIST PER PLAN

JOISTS WHER OCCUR



SOLID BLK'G. CONT. W/
1/2" DIA. BOLTS @16" O.C.

2x BLOCKING

Samples from
www.AutoCADDetails.net

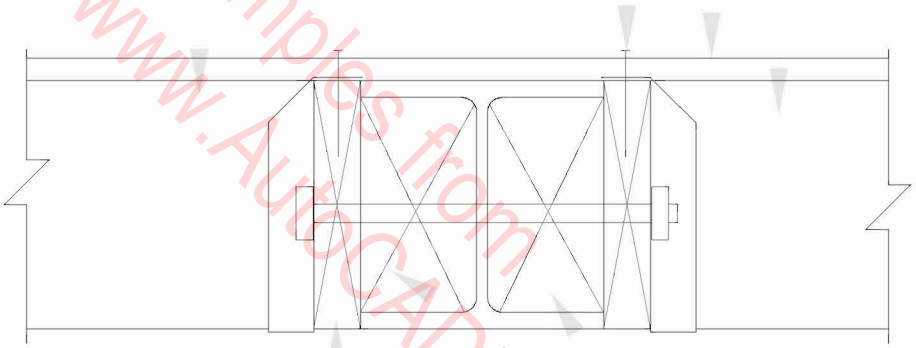
SHEAR TRANSFER

B.N.

PLYWOOD SHEATHING
PER PLAN

JOISTS WHER OCCUR

JOIST PER PLAN

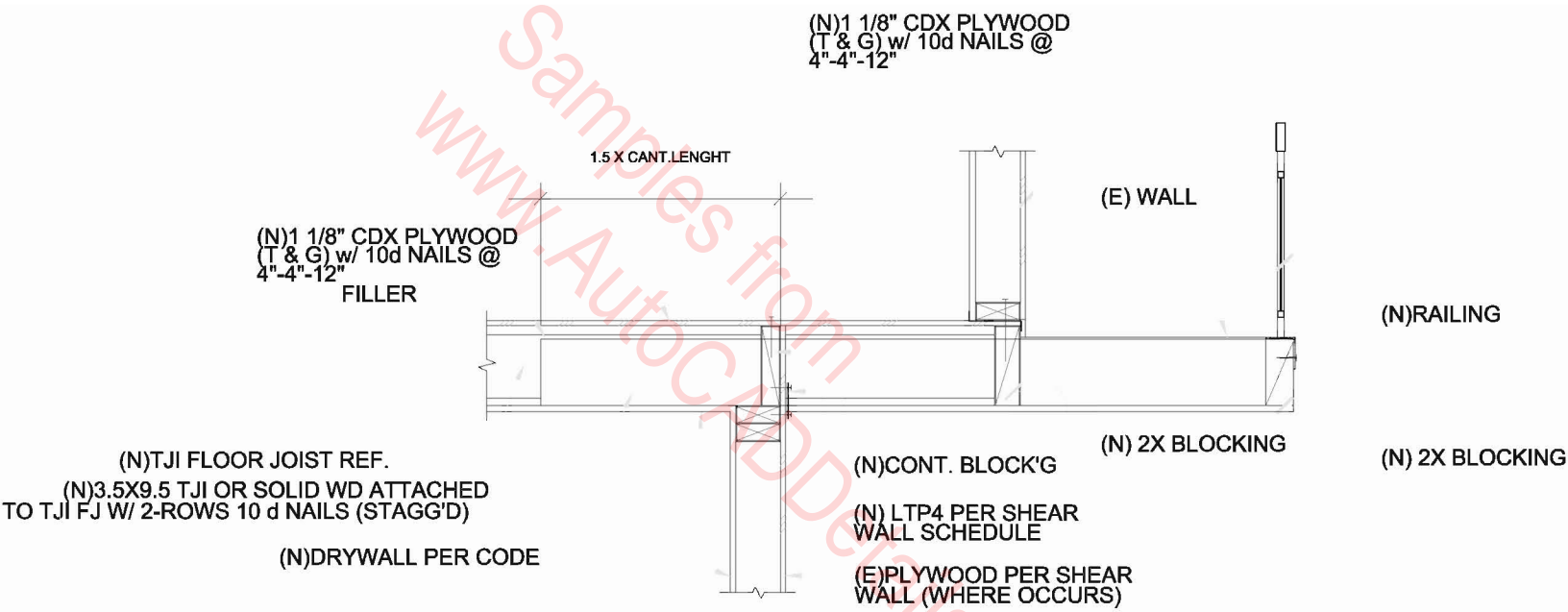


SOLID BLK'G. CONT. W/
1/2" DIA. BOLTS @16" O.C.

2x BLOCKING

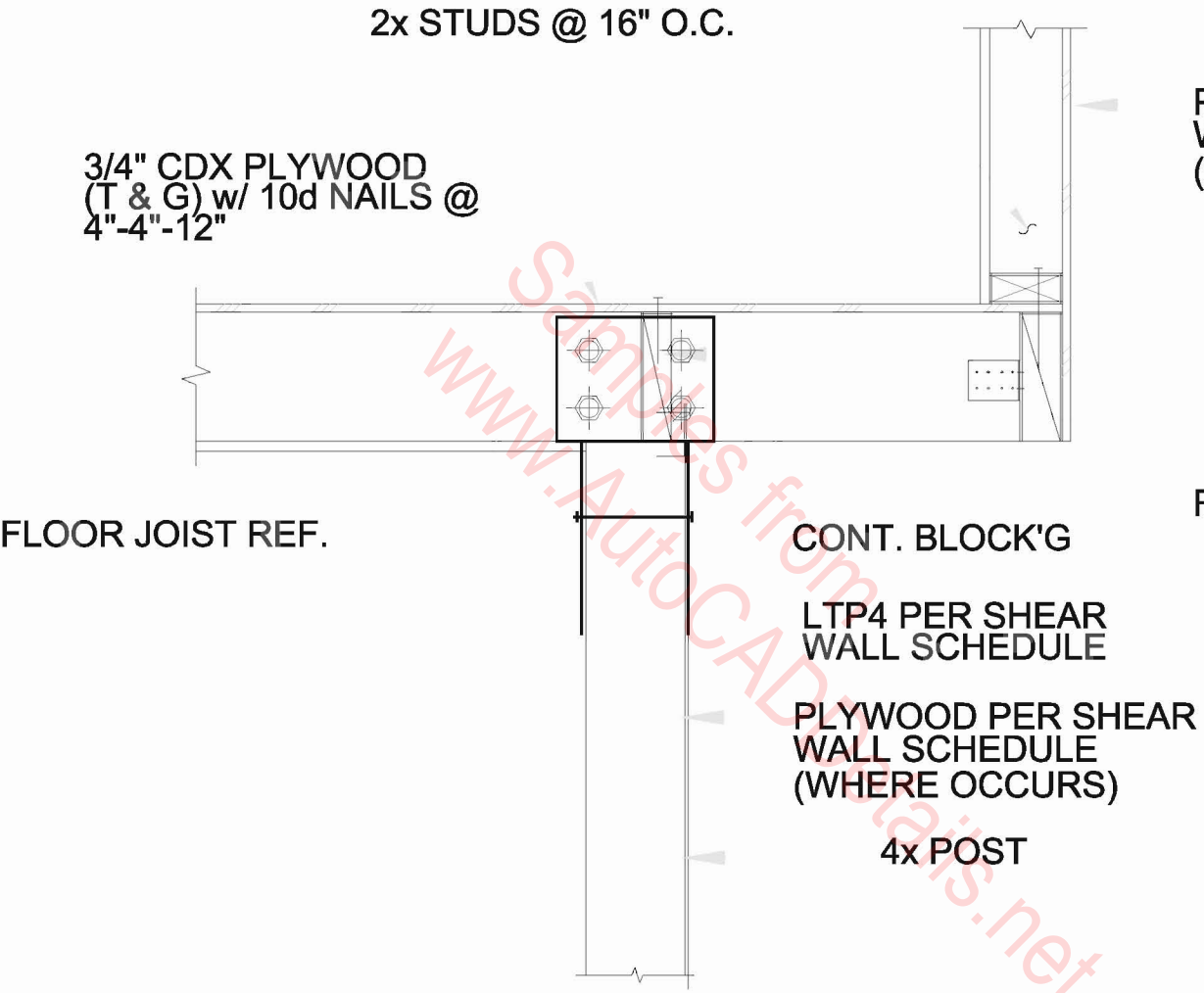
Samples from
www.AutoCADDetails.net

SHEAR TRANSFER



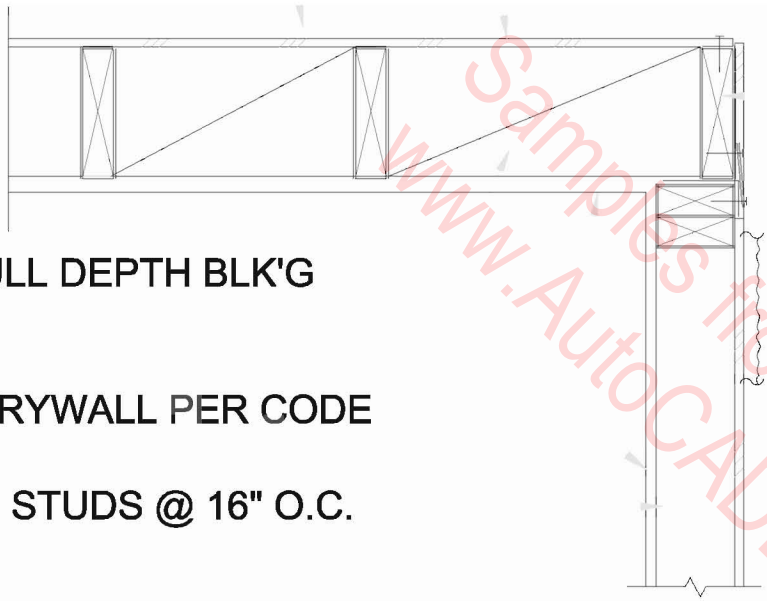
SHEAR TRANSFER DETAIL

Samples from
www.AutoCADDetails.net



Samples from www.AutoCADdetails.net

SHEAR TRANSFER DETAIL(FLOOR)



ROOF TRUSS OR RAFTERS

FULL DEPTH BLK'G

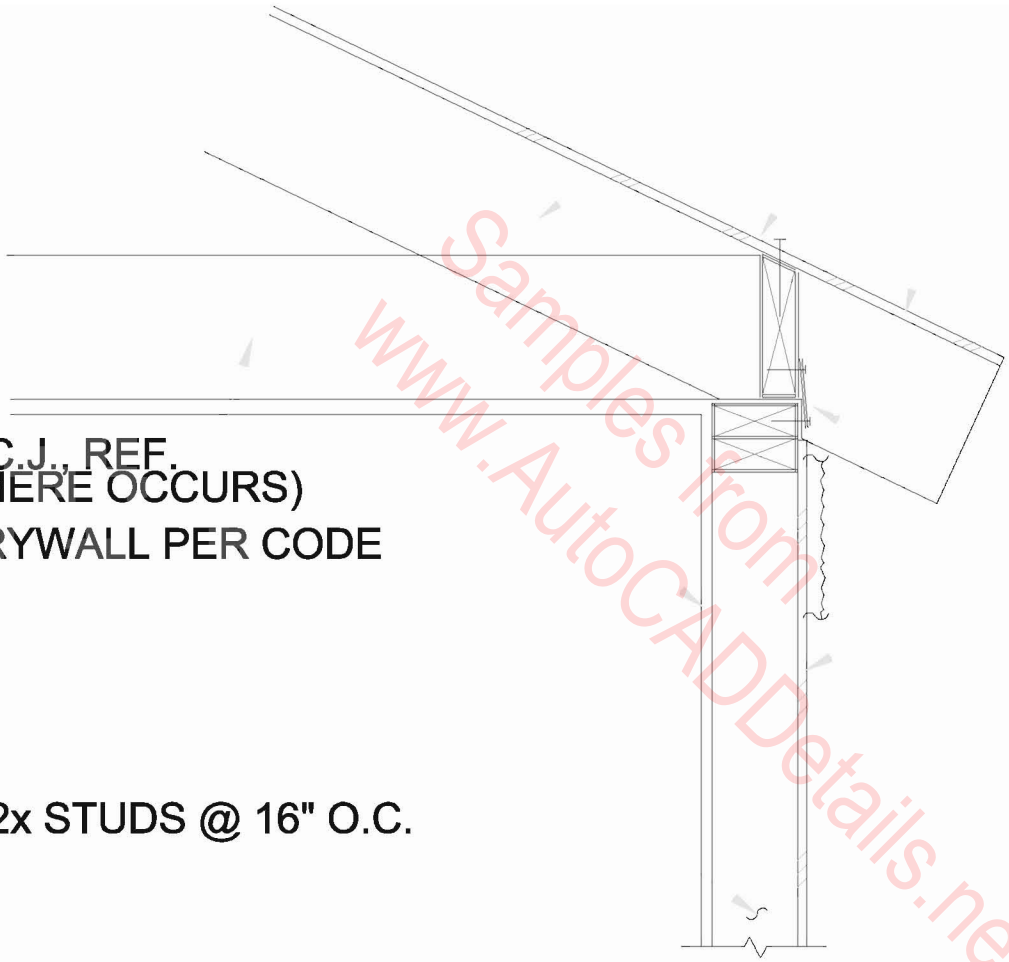
DRYWALL PER CODE

2x STUDS @ 16" O.C.

LTP4 PER S/W SCH., NOT REQ'D IF PLYWOOD IS NAILED TO RIM JOIST OR BLK'G, AND PANEL IS A MIN. OF 48" HIGH (TYP.)

Samples from www.AutoCADDetails.net

SHEAR TRANSFER DETAIL(ROOF)



PER ARCHITECTURAL

1/2" CDX PLYWOOD w/8d NAILS @ 4"-4"-12"

C.J., REF. (WHERE OCCURS)

DRYWALL PER CODE

LTP4 PER S/W SCH.

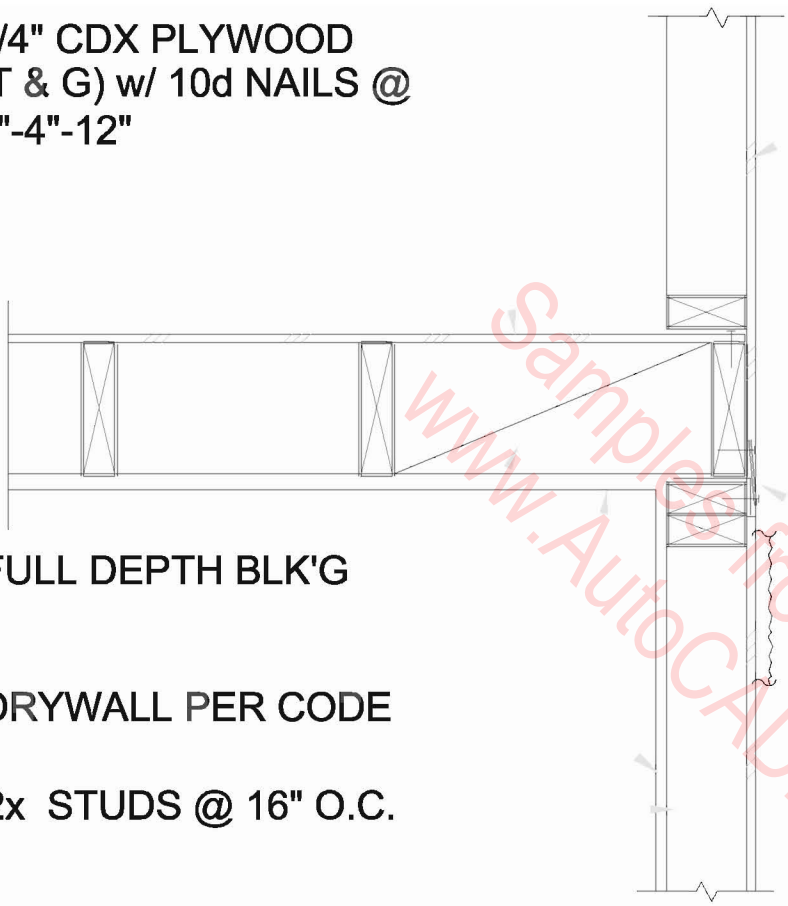
PLYWOOD PER SHEAR WALL SCHEDULE (WHERE OCCURS)

2x STUDS @ 16" O.C.

Samples from www.AutoCADDetails.net

SHEAR TRANSFER DETAIL(ROOF)

3/4" CDX PLYWOOD
(T & G) w/ 10d NAILS @
4"-4"-12"



WALL SCHEDULE
(WHERE OCCURS)

FULL DEPTH BLK'G

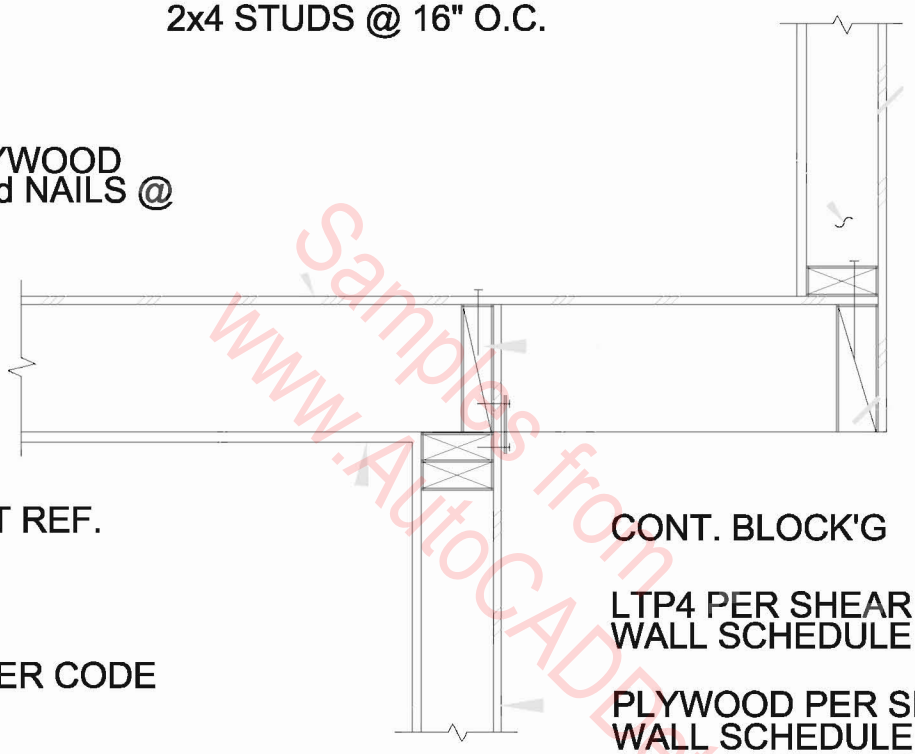
DRYWALL PER CODE

2x STUDS @ 16" O.C.

LTP4 PER S/W SCH., NOT REQ'D
IF PLYWOOD IS NAILED TO RIM
JOIST OR BLK'G, AND PANEL
IS A MIN. OF 48" HIGH (TYP.)

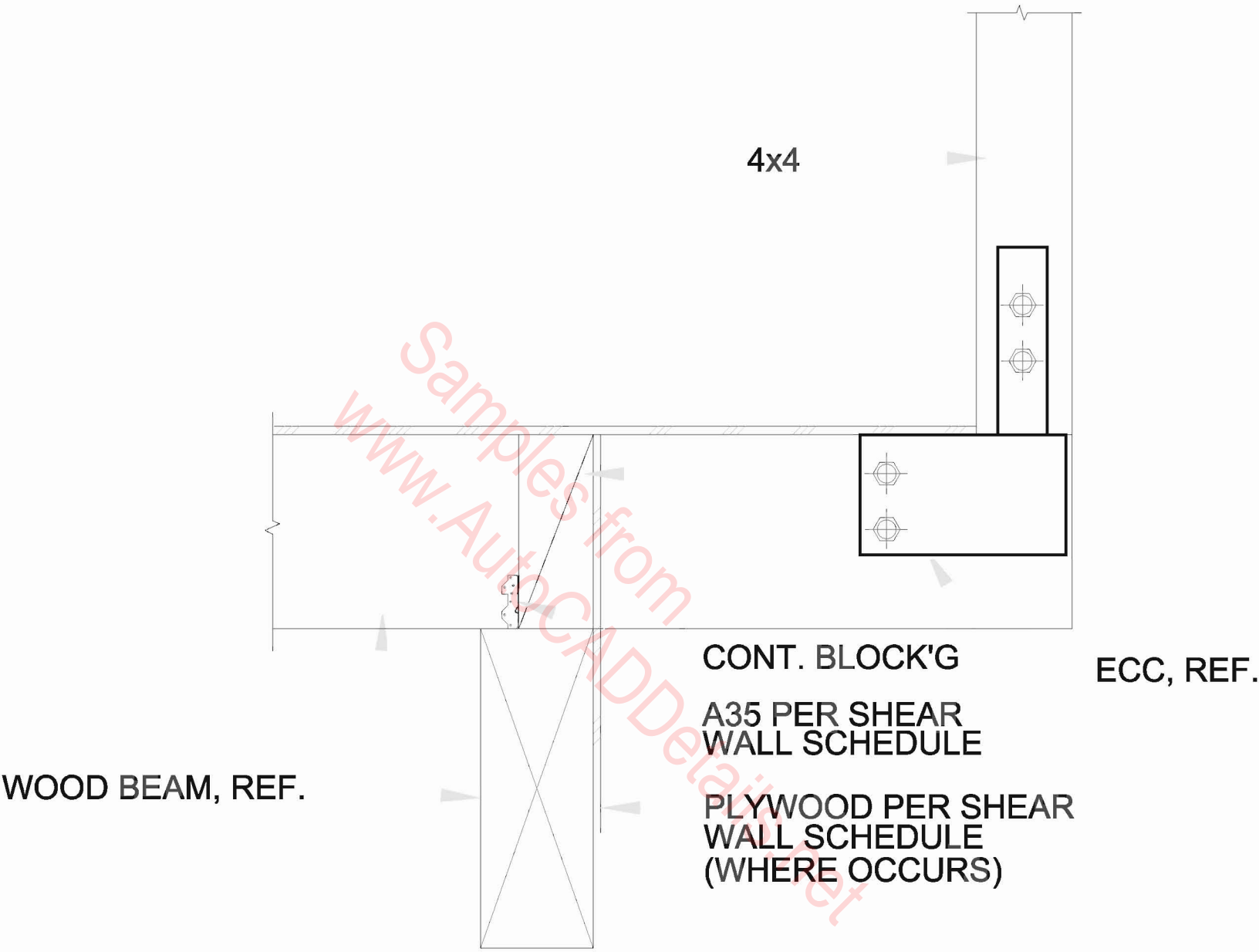
Sample from
www.AutoCADDetails.net

SHEAR TRANSFER DETAIL(FLOOR)



Samples from www.AutoCADDetails.net

SHEAR TRANSFER DETAIL(FLOOR)

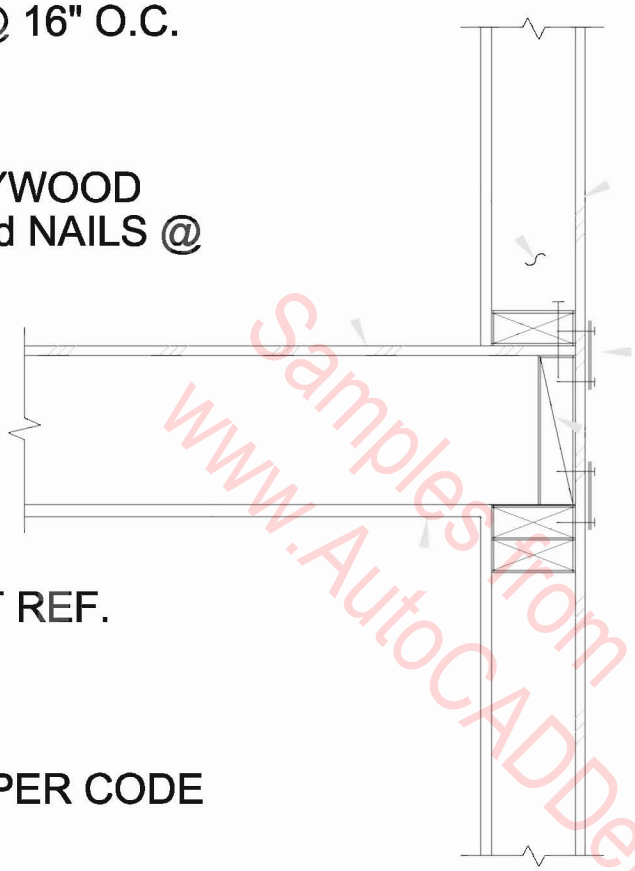


Samples from www.AutoCADDetails.net

SHEAR TRANSFER DETAIL(FLOOR)

2x STUDS @ 16" O.C.

3/4" CDX PLYWOOD
(T & G) w/ 10d NAILS @
4"-4"-12"



PLYWOOD PER SHEAR
WALL SCHEDULE
(WHERE OCCURS)

LTP4 PER S/W SCH.

RIM JOIST/CONT. BLOCK'G
(TYP.)

FLOOR JOIST REF.

DRYWALL PER CODE

Samples from
www.AutoCADDetails.net

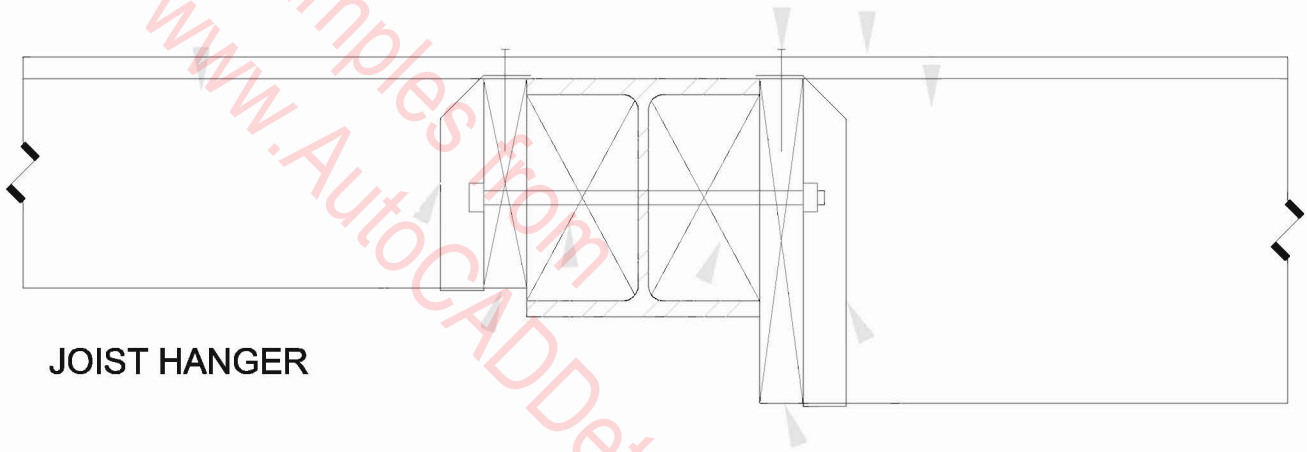
SHEAR TRANSFER DETAIL(FLOOR)

B.N.

PLYWOOD SHEATHING PER PLAN

JOIST PER PLAN

JOISTS WHER OCCUR



JOIST HANGER

2x BLK'G. CONT.

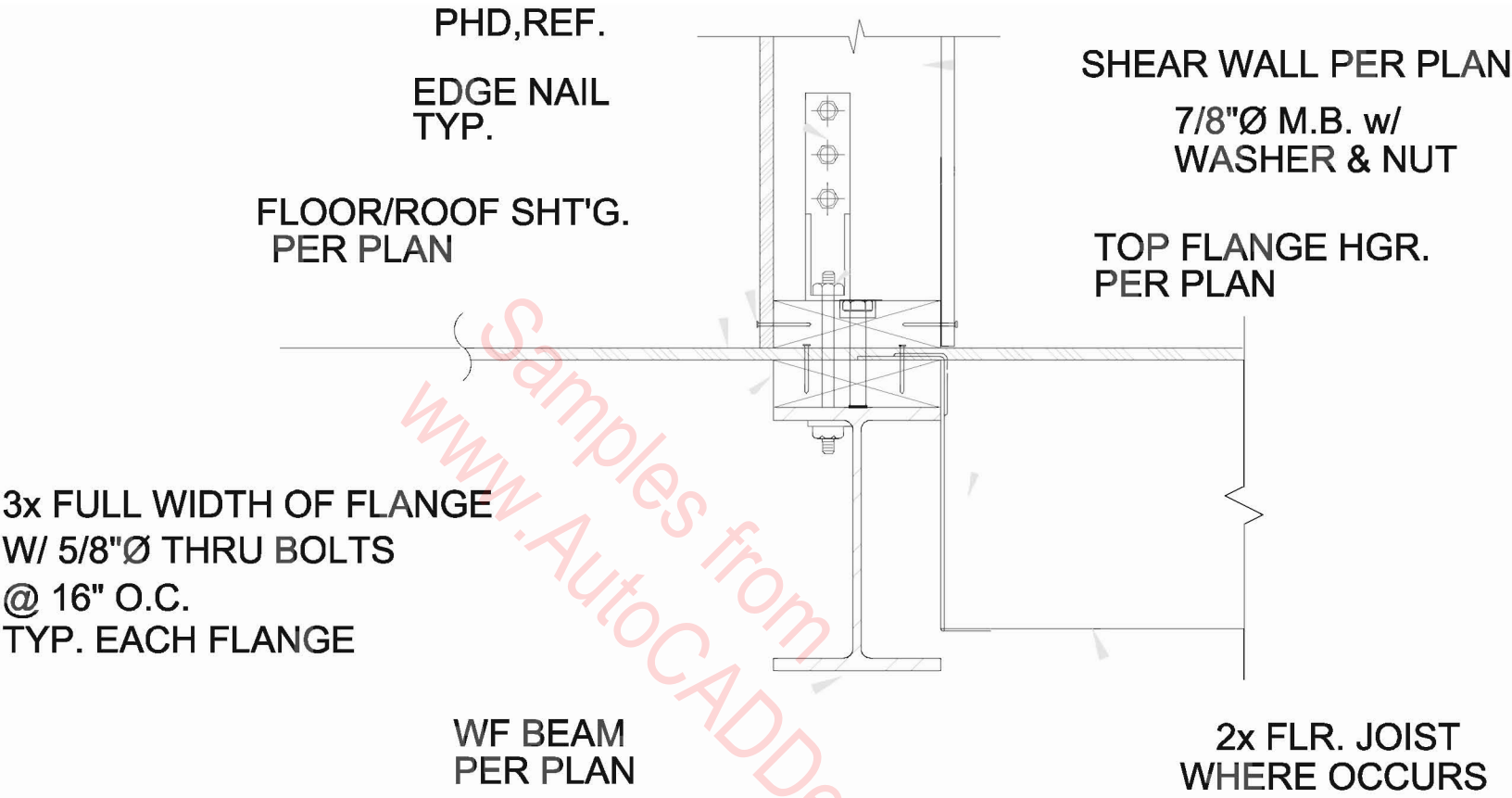
SOLID BLK'G. CONT. W/ 1/2" DIA. BOLTS @16" O.C.

JOIST HANGER

2x BLK'G. CONT.

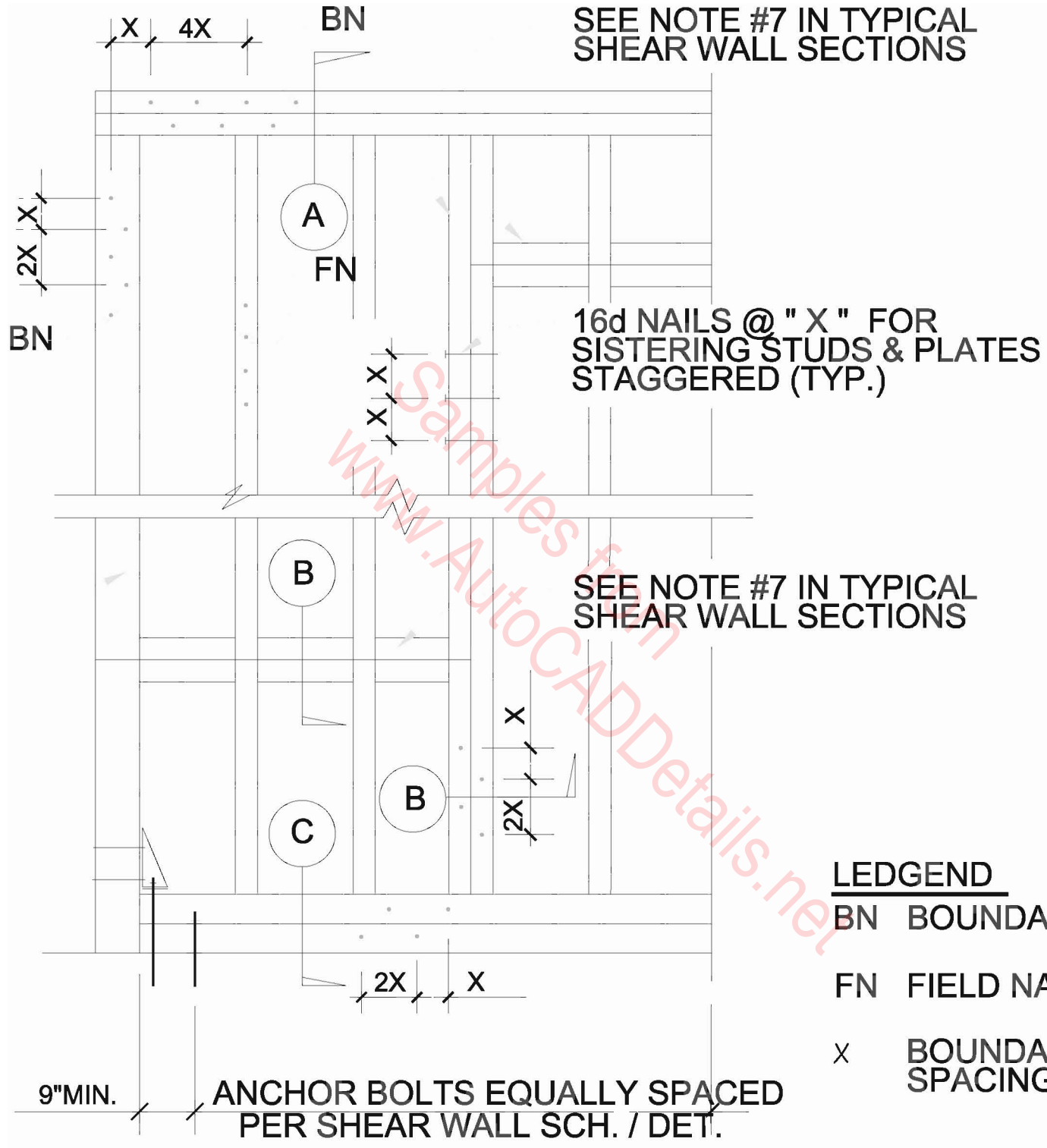
Samples from www.AutoCADDetails.net

SHEAR TRANSFER



Samples from
www.AutoCADDetails.net

SHEAR WALL AT STEEL BEAM CONN. DETAIL

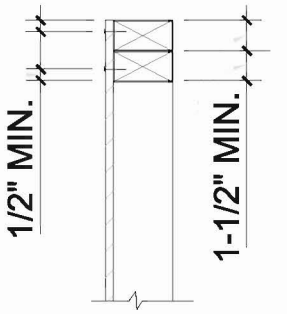


LEDGEND

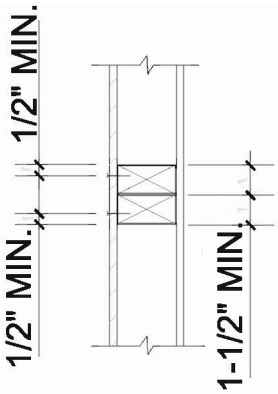
BN	BOUNDARY NAILING
FN	FIELD NAILING
X	BOUNDARY NAILING SPACING

Samples from www.AutoCADDetails.net

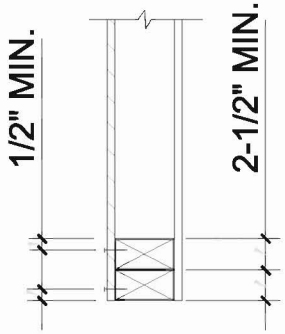
SHEAR WALL ELEVATIONS



SEC. A



SEC. B



SEC. C

NOTES:

1. WHEN PLYWOOD PANEL IS NOTED AS 'LET-IN' ON PLANS OR SECTIONS, ALL STUDS & BLKS ARE TO BE RIPPED TO MAINTAIN CONT. PLANE ON FACE OF WALL.
2. USE 4'-0" x 8'-0" MIN. PLYWOOD SHEETS WHEREVER POSSIBLE & STAGGER ADJACENT HORIZ. JOINTS IN ALL CASES.
3. 'X' REPRESENTS THE SPC'G OF EDGE NAILS. SIZE OF NAILS & SPECIFIC SPACING. ARE SHOWN ON SHEAR WALL SCHEDULE OR DETAILS.
4. THE MIN. EDGE DISTANCE FOR NAILING OF PLYWOOD SHALL BE 1/2".
5. ALL SILL PL. ON MASONRY OR CONC. SHALL BE PRESSURE TREATED DOUGLAS FIR.
6. MIN. DIMENSION OF ANY PLYWOOD SHEET SHALL BE 2'-0".
7. USE 3x STUDS & BLK'G. AT PLYWOOD JOINTS WHEN SHEAR CAPACITY IS 300 PLF OR MORE. IN EARTHQUAKE REPAIR JOBS DOUBLE 2X STUDS AND BLOCKING MAY BE USED IN LIEU OF 3X STUDS EXCEPT WHEN EDGE NAILING IS 2" O.C.

Sample from www.AutoCADDetails.net

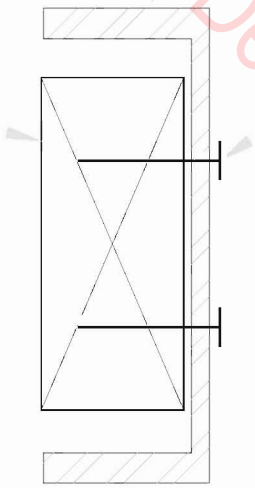
SHEAR WALL INTERSECTIONS

1/4"

Samples from
www.AutoCADDetails.net

C5x6.7

2x4 STUD OR
PLATE TO RECIVE
PLYWOOD S/W, REF.



$\frac{1}{2}$"Ø x $3\frac{1}{2}$" LAG SCREWS
@ 4" O.C. STAGGERED

SECTION A
—

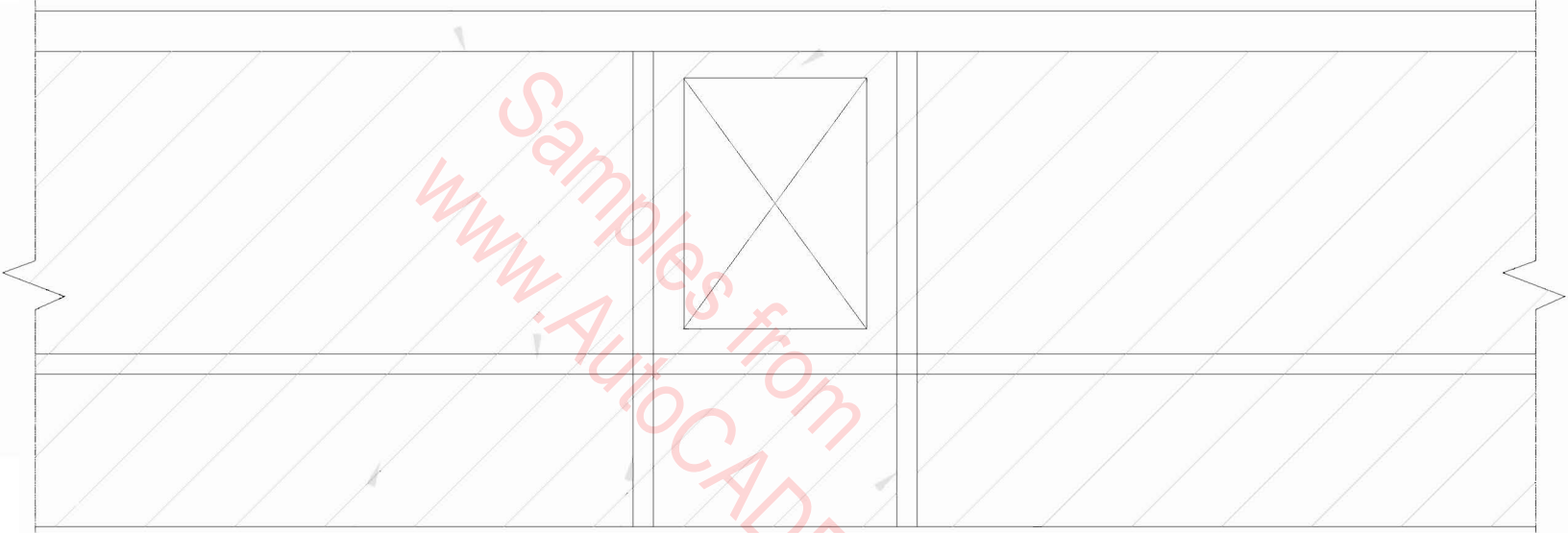
SHEAR WALL OPENING DETAIL

CMST 12
OVER CONT.
PRESSURE BLOCK
EDGE OF WALL
TO EDGE OF WALL

DBL TOP
PLATES

STEEL FRAME

PER DET. 5/—



PLYWOOD
SHEATHING
REF.

4x4 w/10 d
NAILS @ 2" O.C.
STAGG'D w/CMST12
CONTINUOUS TO
ELEVATED DECK OR
BEAM/HDR BELOW, REF.

Samples from
www.AutoCADDetails.net

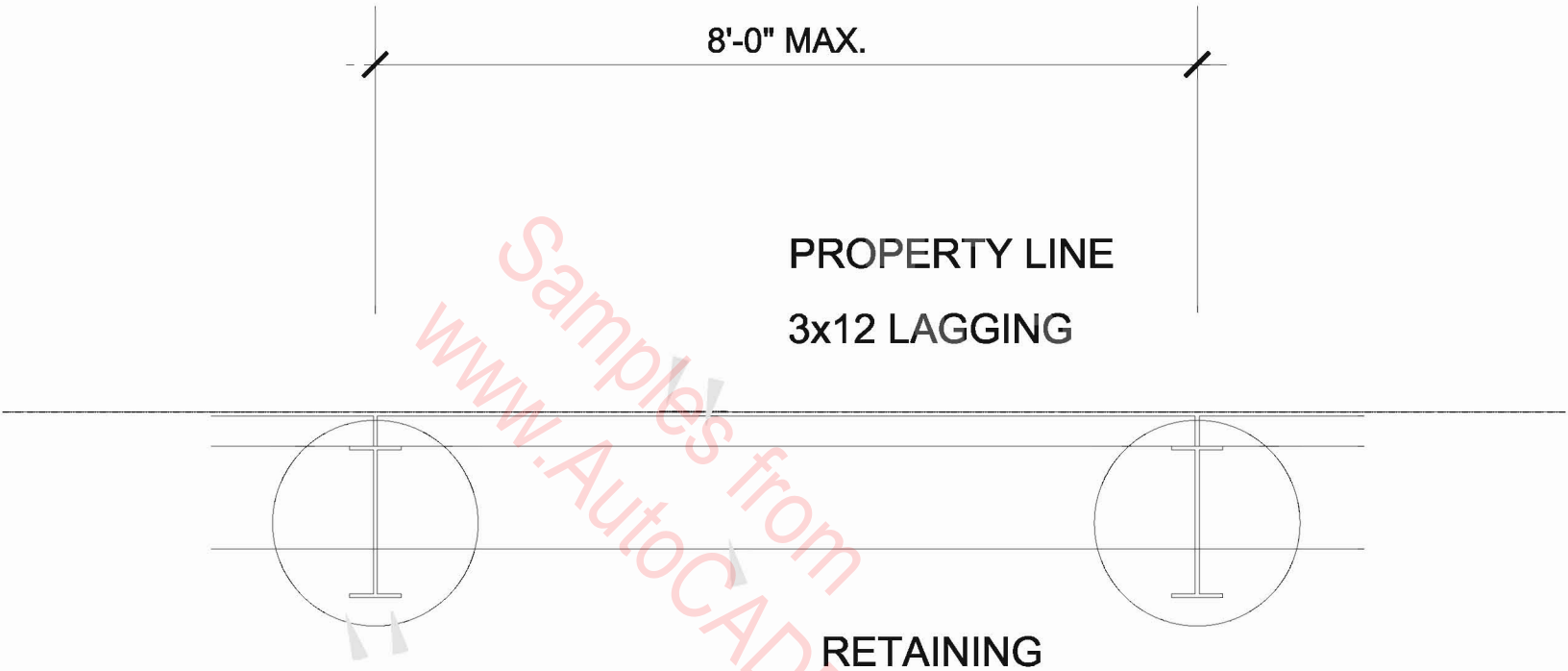
SHEAR WALL OPENING

Shear Wall Schedule, common nails only
Shear Wall Schedule, (Douglas Fir-Larch framing):

MARK	WALL SHEATHING	SILL PLATE ATTACHMENT AT UPPER FLOORS 'A' ATTACHMENT	ANCHOR BOLTING AT FOUNDATION OR SLAB CONNECTOR	'B' ATTACHMENT &
△	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @6" o.c. edges 12" o.c. field. Block all edges.	1/2" lag screw w/A35 & A35F @24" o.c. w/4" min. embed. 204 plf	16d @ 8" o.c. @48" o.c.	5/8" dia. A.B. @ 32" o.c.
△ both sides	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @6" o.c. edges 12" o.c. field. Both sides. Block all edges.	1/2" lag screw @12" o.c. w/4" min. embed. 408 plf	16d @ 8" o.c. @24" o.c.	3/4" dia. A.B. w/A35 & A35F @ 24" o.c.
2	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @4" o.c. edges 12" o.c. field. Block all edges.	1/2" lag screw @24" o.c. w/4" min. embed. 306 plf	16d @ 8" o.c. @32" o.c.	5/8" dia. A.B. w/A35 & A35F @ 32" o.c.
2 both sides	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @4" o.c. edges 12" o.c. field. Both sides. Block all edges.	1/2" lag screw @12" o.c. w/4" min. embed. 613 plf	16d @ 8" o.c. @16" o.c. w/A35 & A35F	3/4" dia. A.B. @ 16" o.c.
3	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @3" o.c. edges 12" o.c. field. Block all edges.	1/2" lag screw @16" o.c. w/4" min. embed. 400 plf	16d @ 8" o.c. @24" o.c.	5/8" dia. A.B. w/A35 & A35F @ 24" o.c.
3 both sides	1/2" thick, 4 ply min., Structural 1 rated plywood sht'g w/ 10d nails @3" o.c. edges 12" o.c. field. Both sides. Block all edges.	1/2" lag screw @8" o.c. w/4" min. embed. 798 plf	16d @ 8" o.c. w/A35 & A35F @12" o.c.	3/4" dia. A.B. @ 16" o.c.

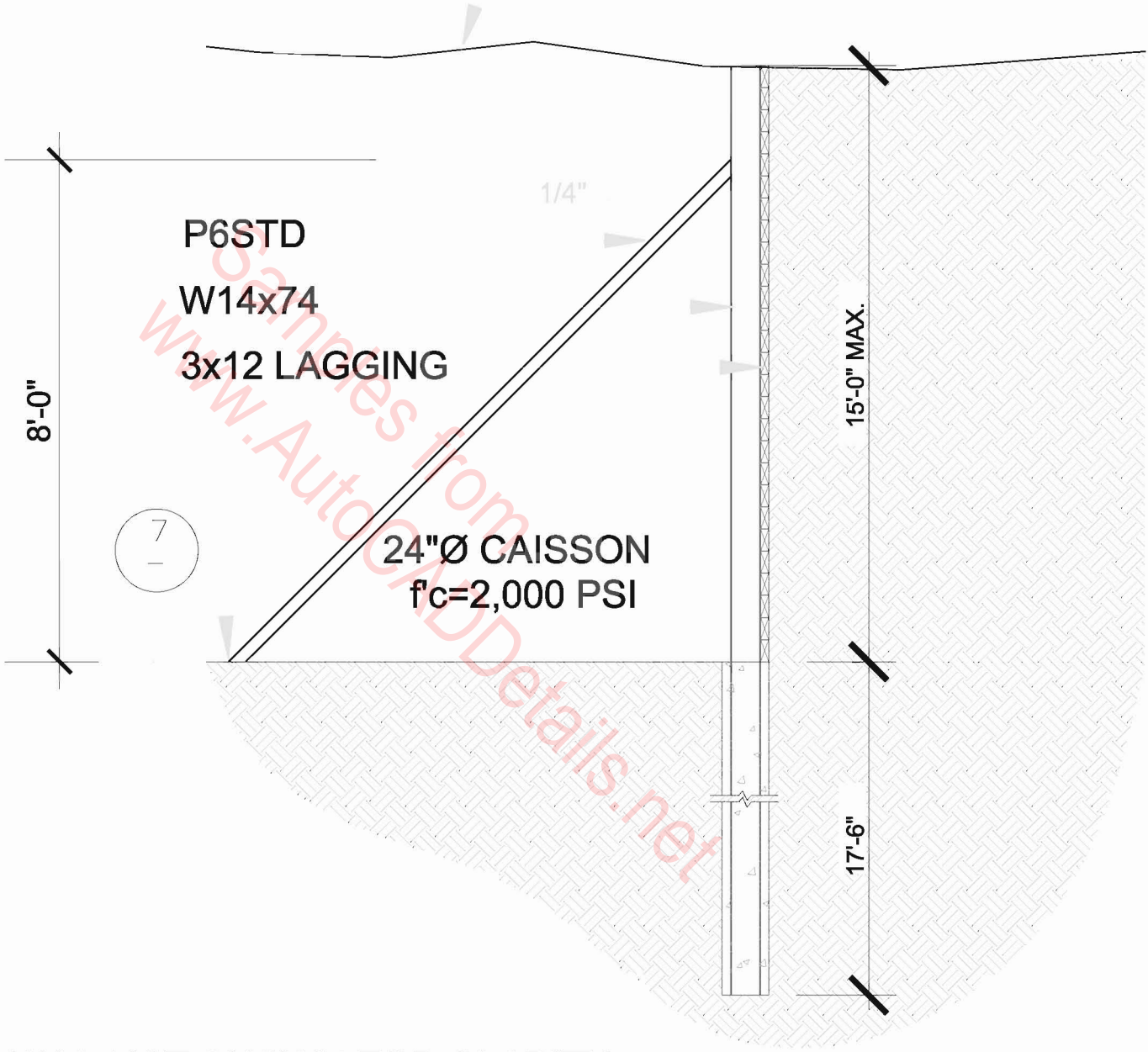
SHEAR WALL SCHEDULE (LASHR99 flexible)

Information from AutoCAD Details.net



Samples from
www.AutoCADDetails.net

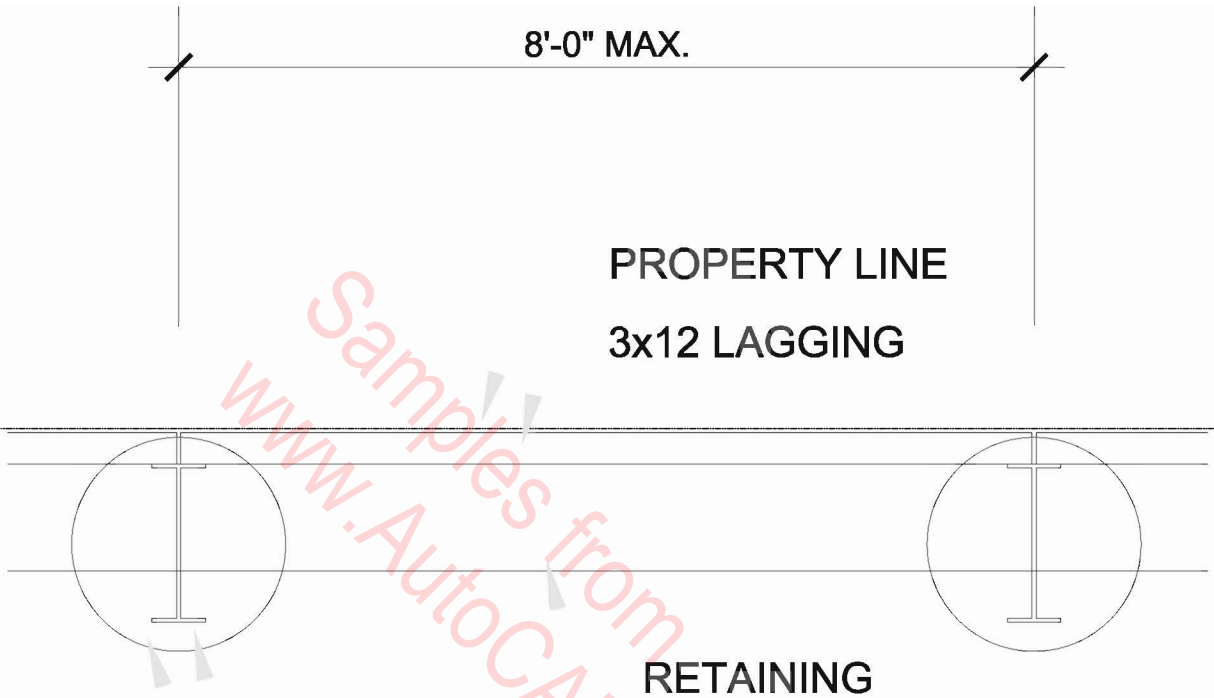
SHORING TYPE 1, PLAN VIEW



Samples from
www.AutoCADDetails.net

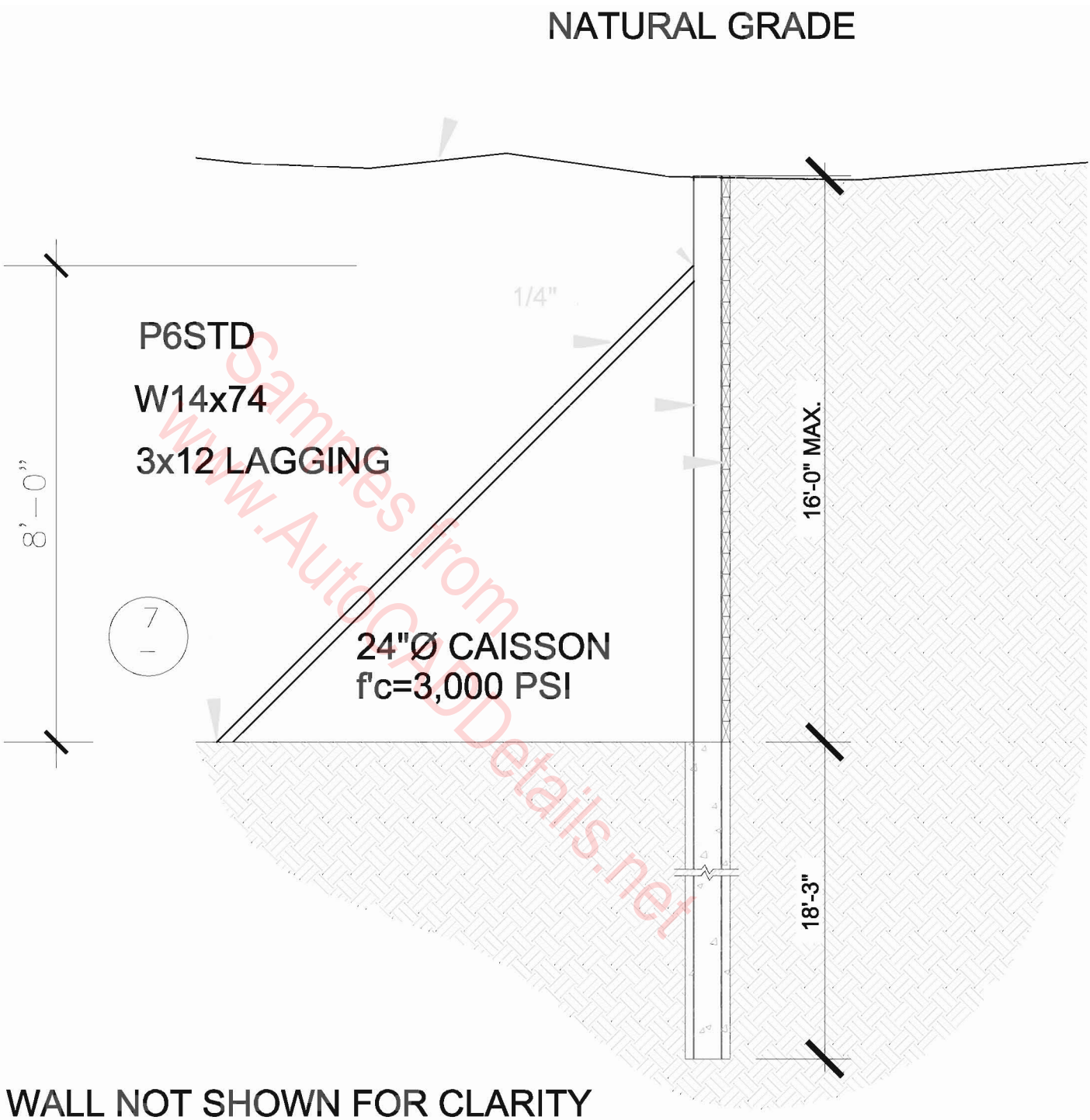
RETAINING WALL NOT SHOWN FOR CLARITY

SHORING TYPE 1, SECTION



Samples from
www.AutoCADDetails.net

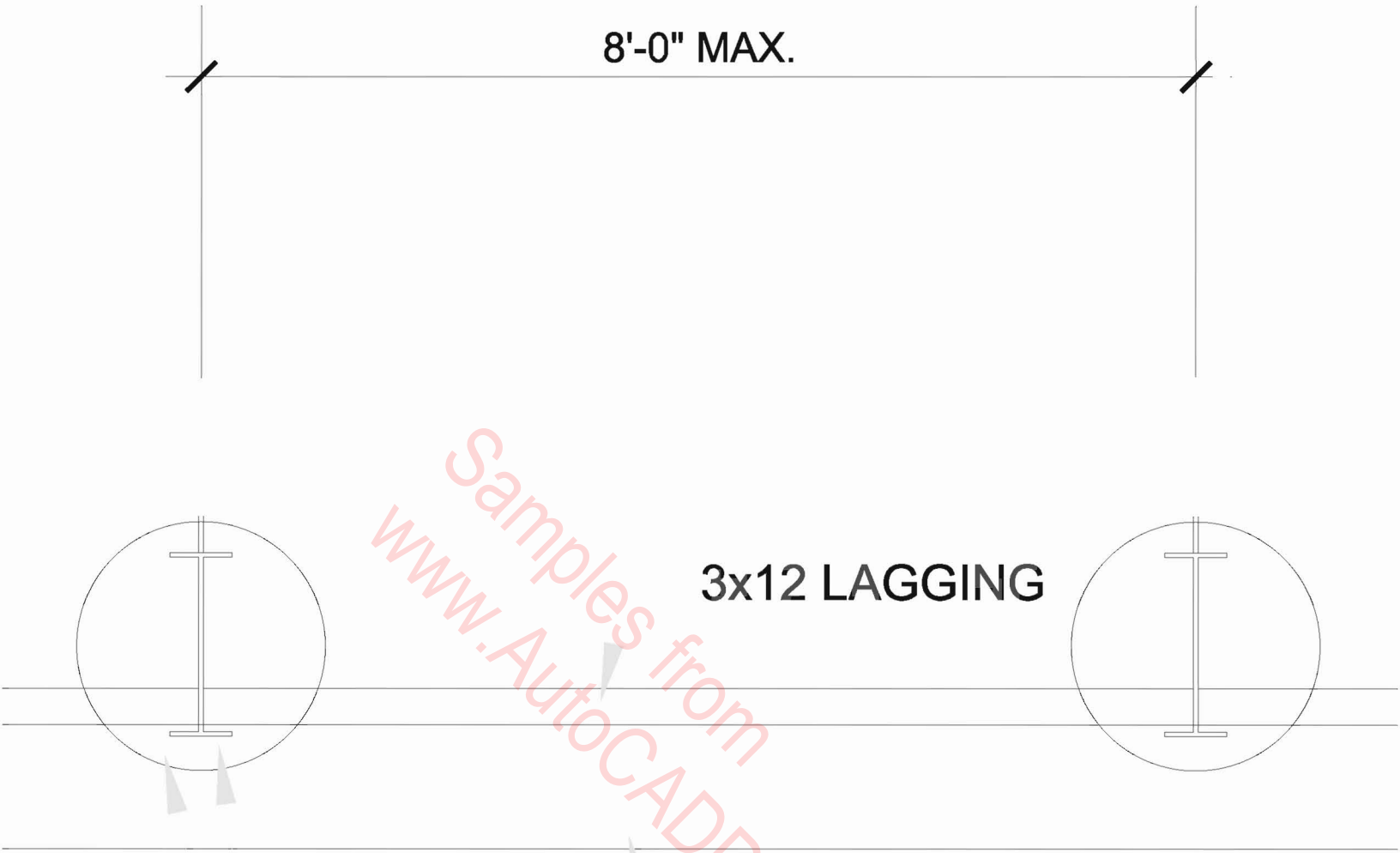
SHORING TYPE 2, PLAN VIEW



Samples from www.AutoCADDetails.net

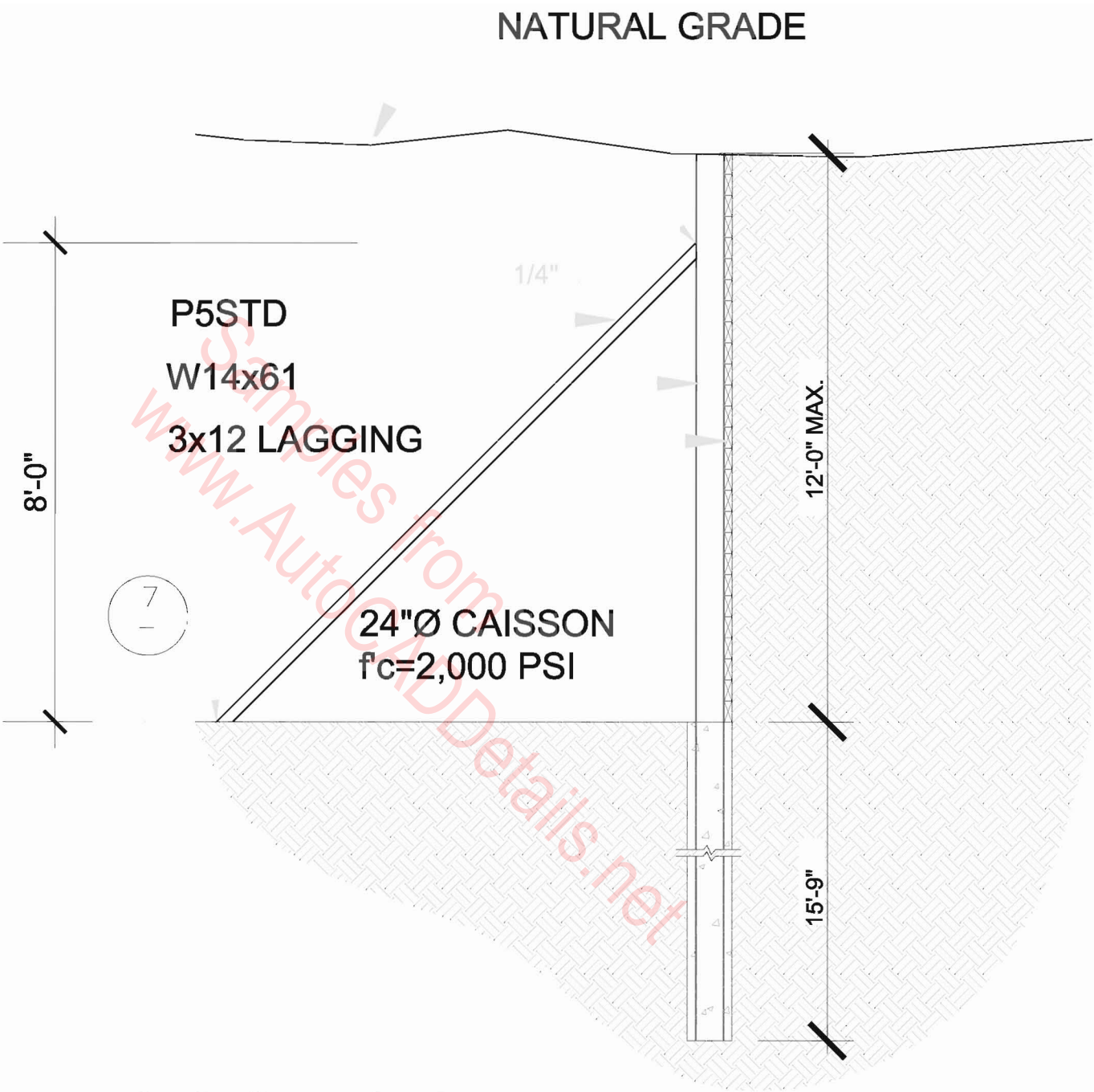
RETINING WALL NOT SHOWN FOR CLARITY

SHORING TYPE 2, SECTION



Samples from
www.AutoCADDetails.net

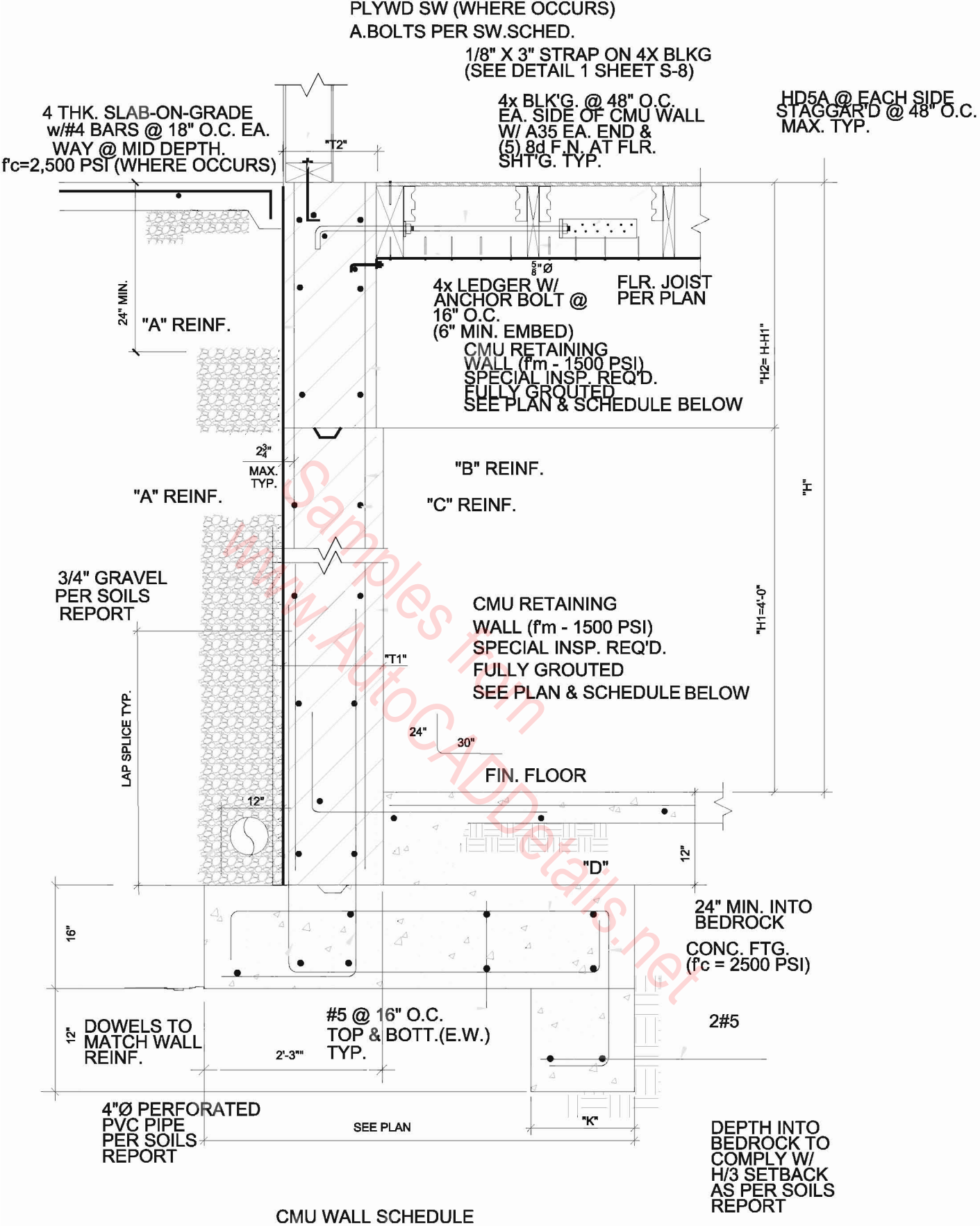
SHORING TYPE 3, PLAN VIEW



Samples from www.AutoCADDetails.net

RETAINING WALL NOT SHOWN FOR CLARITY

SHORING TYPE 3, SECTION

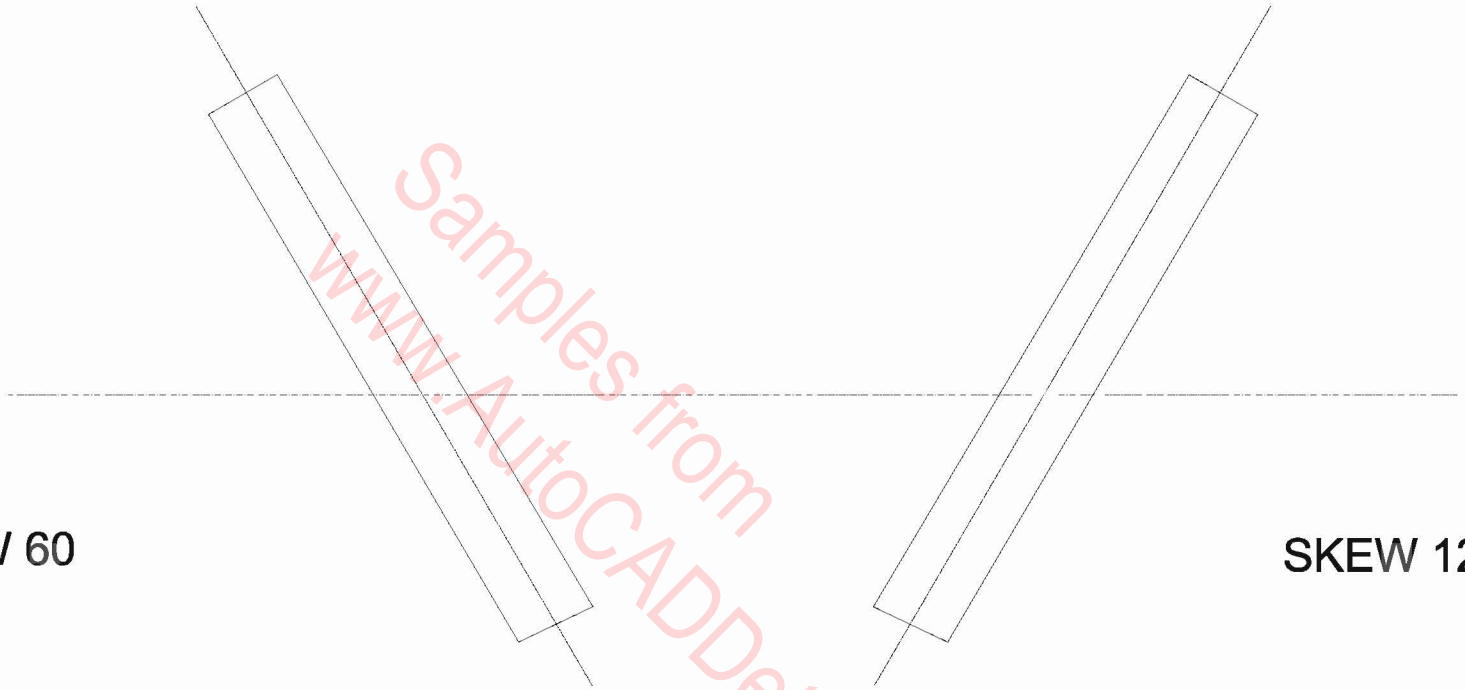


Samples from www.AutoCADDetails.net

CMU WALL SCHEDULE

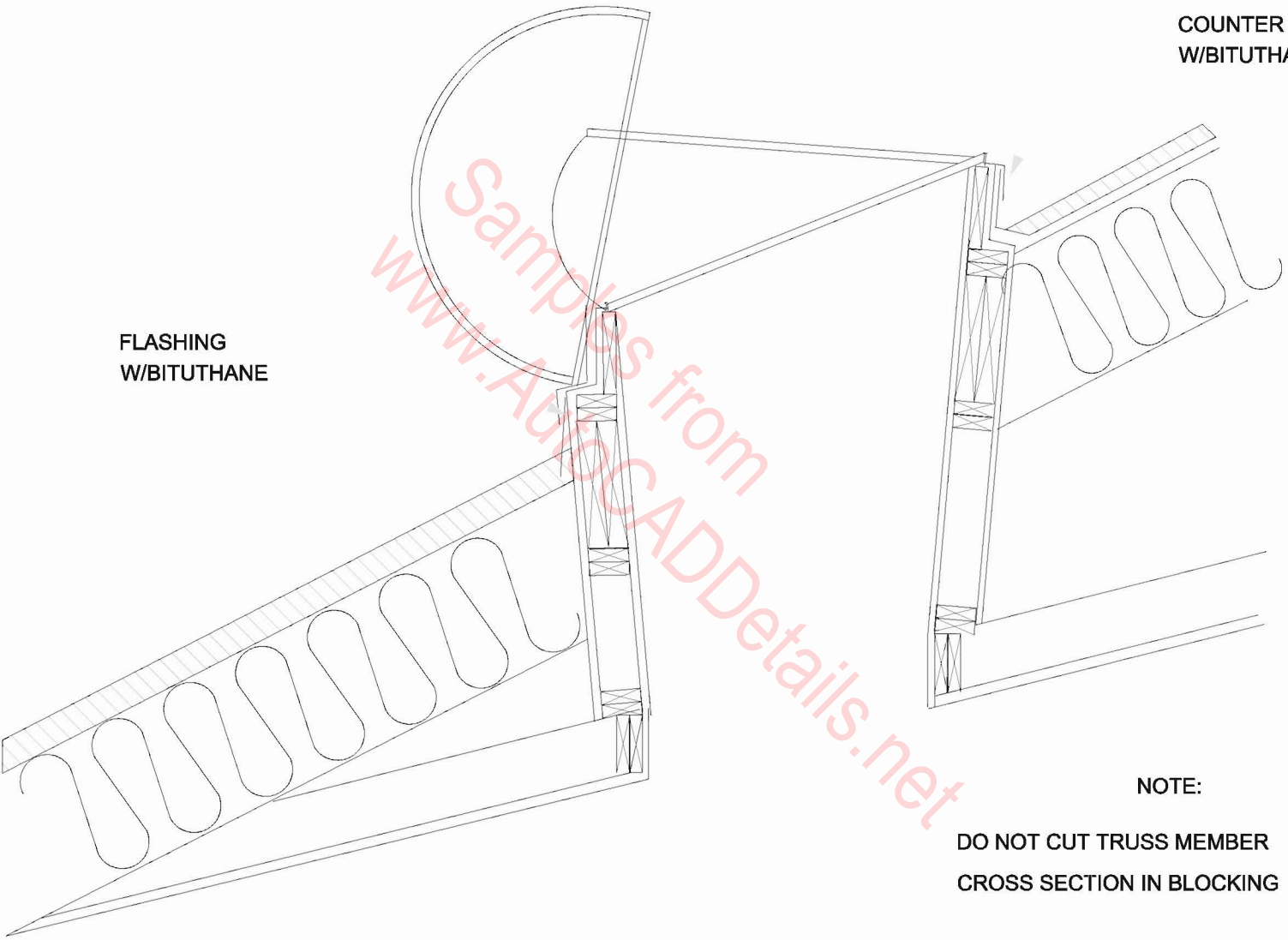
"H"	"T2& T1"			TYPE	"A"	"B"	"C"	"K"
7'-6"	10"			CMU	#6@8"O.C.	#4@24"O.C.	-	-
9'-0"	10"& 8"			CMU	#6@8"O.C.	#4@24"O.C.	#5@8"O.C.	-
10'-0"	10"& 8"			CMU	#6@8"O.C.	#4@24"O.C.	#5@8"O.C.	-
11'-0"	12" & 10"			CMU	#7@8"O.C.	#4@24"O.C.	#5@8"O.C.	-
11'-9"	12" & 10"			CMU	#8@8"O.C.	#4@24"O.C.	#5@8"O.C.	-

SIDE RETAINING WALL DETAIL



Samples from
www.AutoCADDetails.net

SKEW DIAGRAM



Samples from
www.AutoCADDetails.net

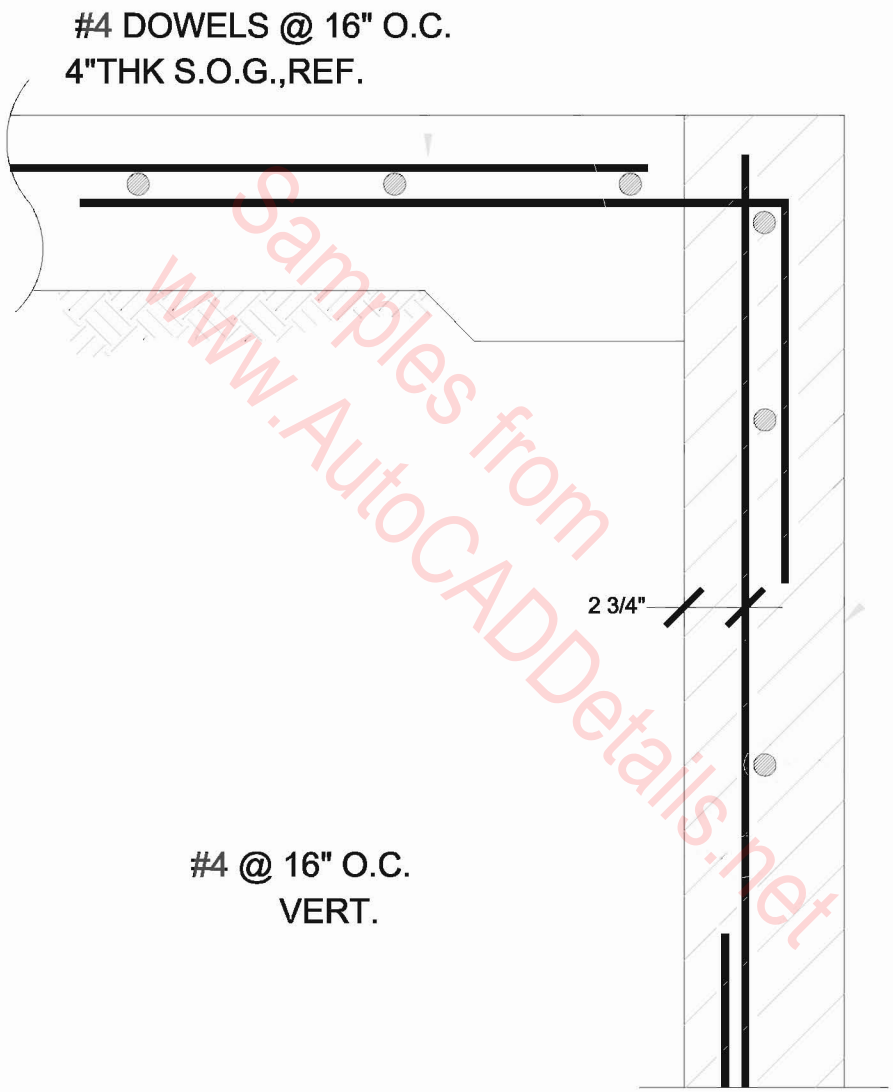
NOTE:

DO NOT CUT TRUSS MEMBER
CROSS SECTION IN BLOCKING

Skylight Operable-Typical

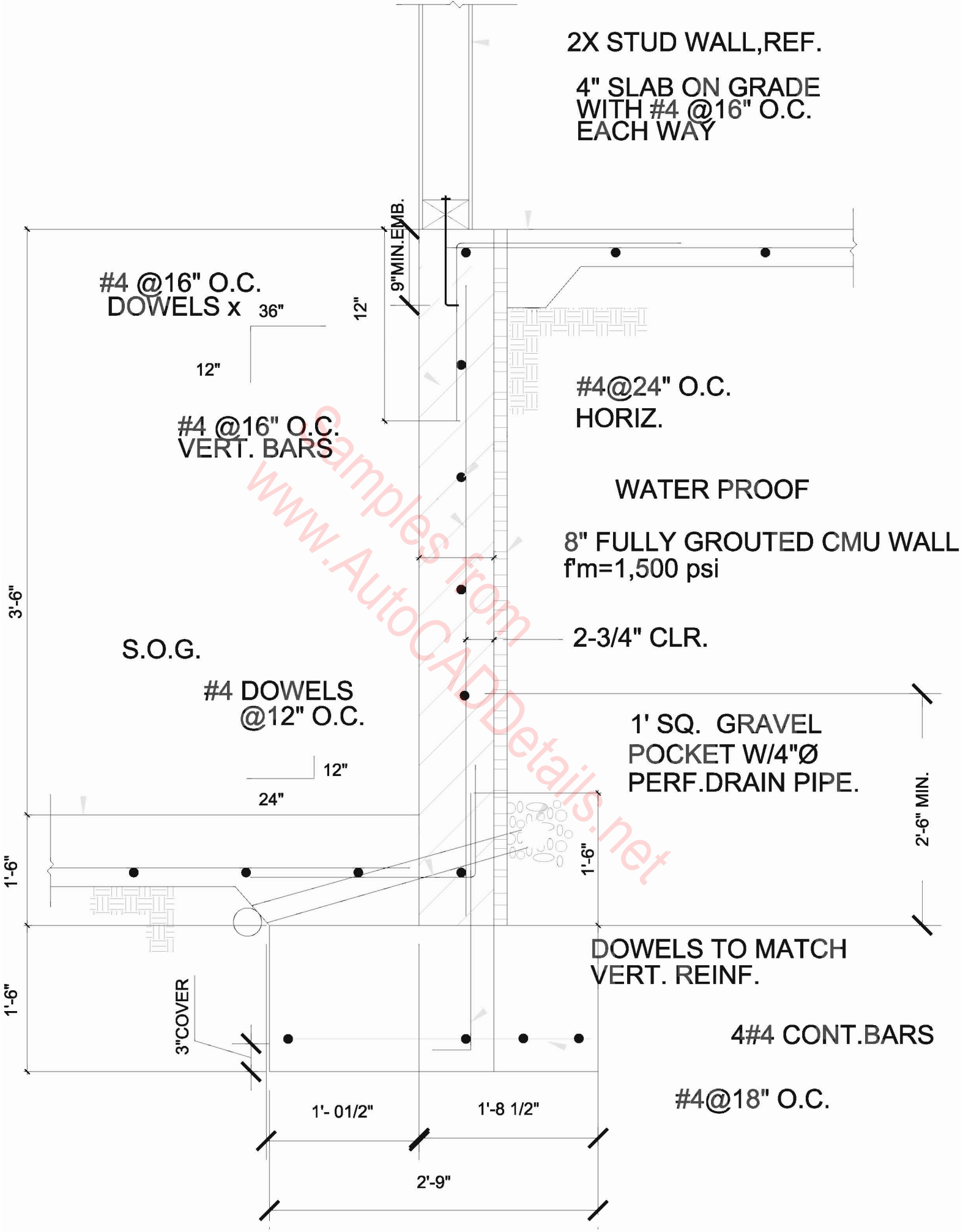
3'-0"

1'-0"



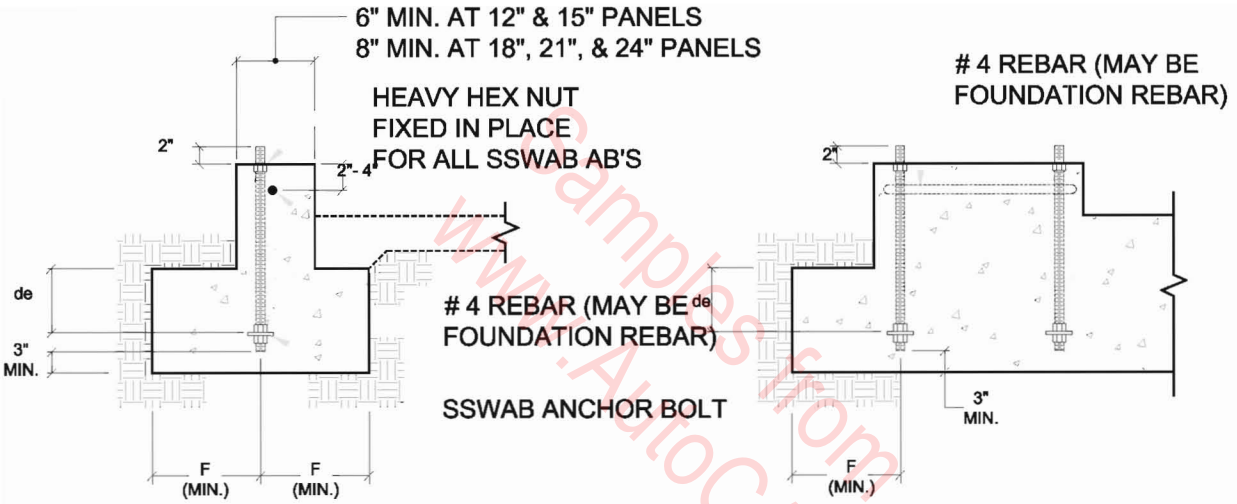
Samples from
www.AutoCADDetails.net

SLAB ON GRADE & CMU WALL DETAIL



Samples from www.AutoCADDetails.net

S.O.G.-CMU WALL-STUD WALL DETAIL



NOTE:
1. REFER TO EMBEDMENT SCHEDULE ON DETAIL 4
2. FOUNDATION AND STEM WALL(SIZE AND REINFORCEMENT) BY OTHERS

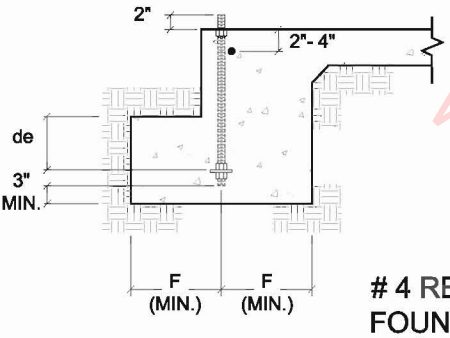
ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.

Samples from www.AutoCADDetails.net

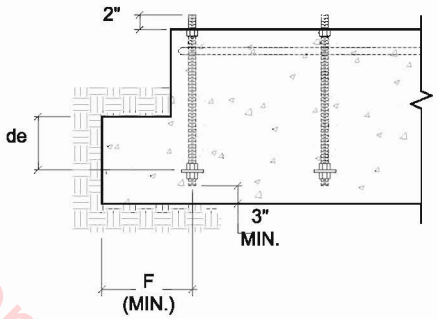
SSW ANCHORAGE (CURB / STEM WALL)

HEAVY HEX NUT
FIXED IN PLACE
FOR ALL SSWAB AB'S

4 REBAR (MAY BE
FOUNDATION REBAR)



SECTION



ELEVATION

4 REBAR (MAY BE
FOUNDATION REBAR)

SSWAB ANCHOR BOLT

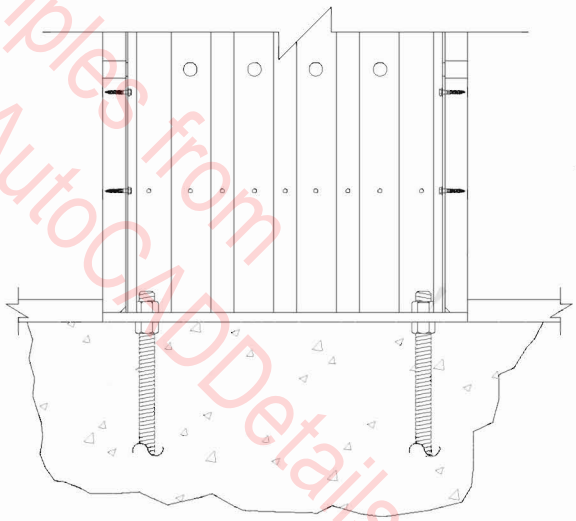
Samples from
www.AutoCADDetails.net

NOTE:
1. REFER TO EMBEDMENT SCHEDULE ON DETAIL 4
2. FOUNDATION AND STEM WALL (SIZE AND REINFORCEMENT) BY OTHERS

ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.

SSW ANCHORAGE (SLAB ON GRADE)

ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.



PLACE SSW PANEL OVER THE ANCHOR BOLTS AND SECURE WITH HEAVY HEX NUTS. (PROVIDED)

SSW BASE PLATE CONNECTION

Samples from www.AutoCADDetails.net

Embedment Schedule for 1997 UBC Loads								
Wall Model	Wind				Seismic			
	2500 psi		3000 psi		2500 psi		3000 psi	
	de	F	de	F	de	F	de	F
	phi = 0.65 (reinforcement not provided per Sect. 1923.3.2)							
12" Wall	12"	12"	12"	12"	11"	11"	10"	10"
15" Wall	13"	13"	12"	12"	11"	11"	10"	10"
18" Wall	15"	15"	15"	15"	14"	14"	13"	13"
21" Wall	16"	16"	15"	15"	14"	14"	13"	13"
24" Wall	16"	16"	15"	15"	14"	14"	13"	13"
	phi = 0.85 (reinforcement provided per Sect. 1923.3.2)							
12" Wall	10"	10"	10"	10"	10"	10"	9"	9"
15" Wall	11"	11"	11"	11"	10"	10"	9"	9"
18" Wall	13"	13"	13"	13"	12"	12"	11"	11"
21" Wall	14"	14"	13"	13"	12"	12"	12"	12"
24" Wall	14"	14"	13"	13"	12"	12"	12"	12"

a. Assumes no special inspection and a multiplier of 2 (anchor not embeded in tension zone of member) on the concrete per Section 1923.2.

Embedment Schedule for 2000 IBC Loads								
Wall Model	SDC A & B or Wind				SDC C through F			
	2500 psi		3000 psi		2500 psi		3000 psi	
	de	F	de	F	de	F	de	F
12" Wall	10"	15"	10"	15"	11"	17"	10"	15"
15" Wall	12"	18"	11"	17"	15"	23"	15"	23"
18" Wall	14"	21"	14"	21"	15"	23"	15"	23"
21" Wall	15"	23"	14"	21"	15"	23"	15"	23"
24" Wall	15"	23"	14"	21"	15"	23"	15"	23"

b. Assumes cracked concrete with no supplementary reinforcement.

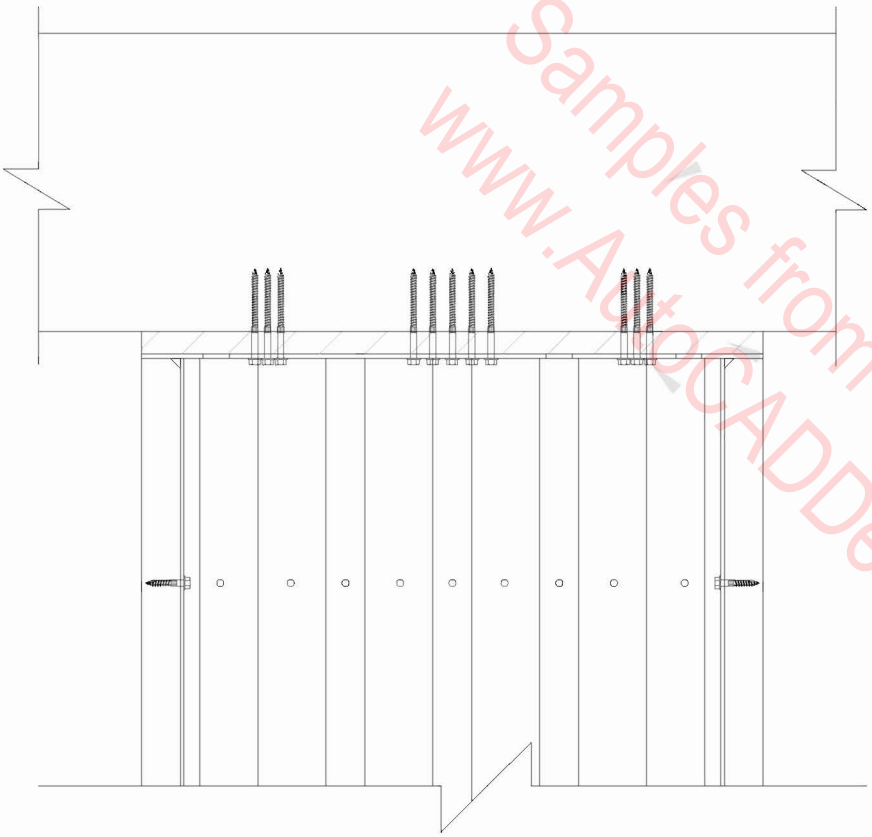
Anchor Bolt Embedment Schedule General Notes

1. Anchor bolts shall be high strength ASTM A449 or equivalent. Nuts shall be heavy hex ASTM A563 Grade DH.
2. Where justified by analysis, the registered design professional may specify alternate embedment or bolt grade.
3. Footing dimensions and rebar requirements are for anchorage only.

SSW EMBEDMENT SCHEDULE

samples from www.AutoCADdetails.net

ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.



HEADER BEAM
BY OTHERS

SHIMS EXCEEDING 7/8"
SEE DETAIL 10

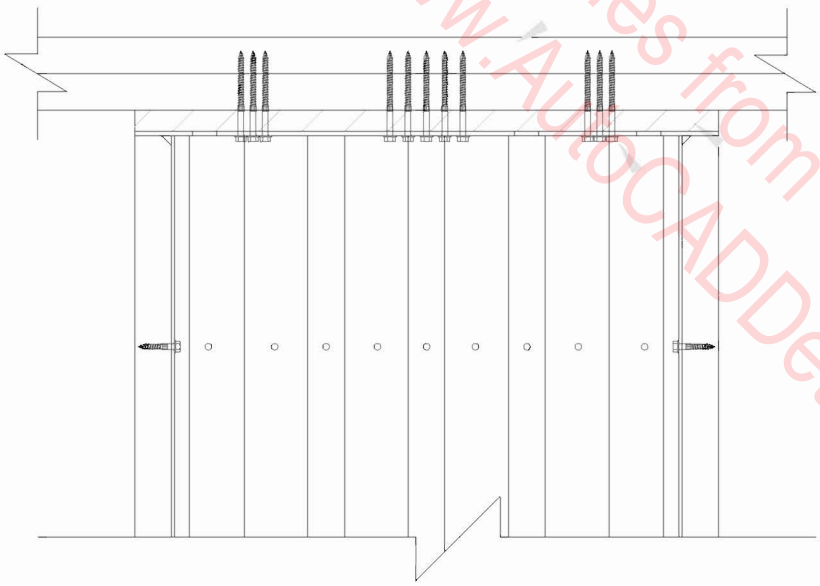
ATTACH TO HEADER WITH
SDS¼ x 3½ SCREWS.
(PROVIDED)

Samples from
www.AutoCADDetails.net

SSW HEADER CONNECTION

ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.

TOP PLATES



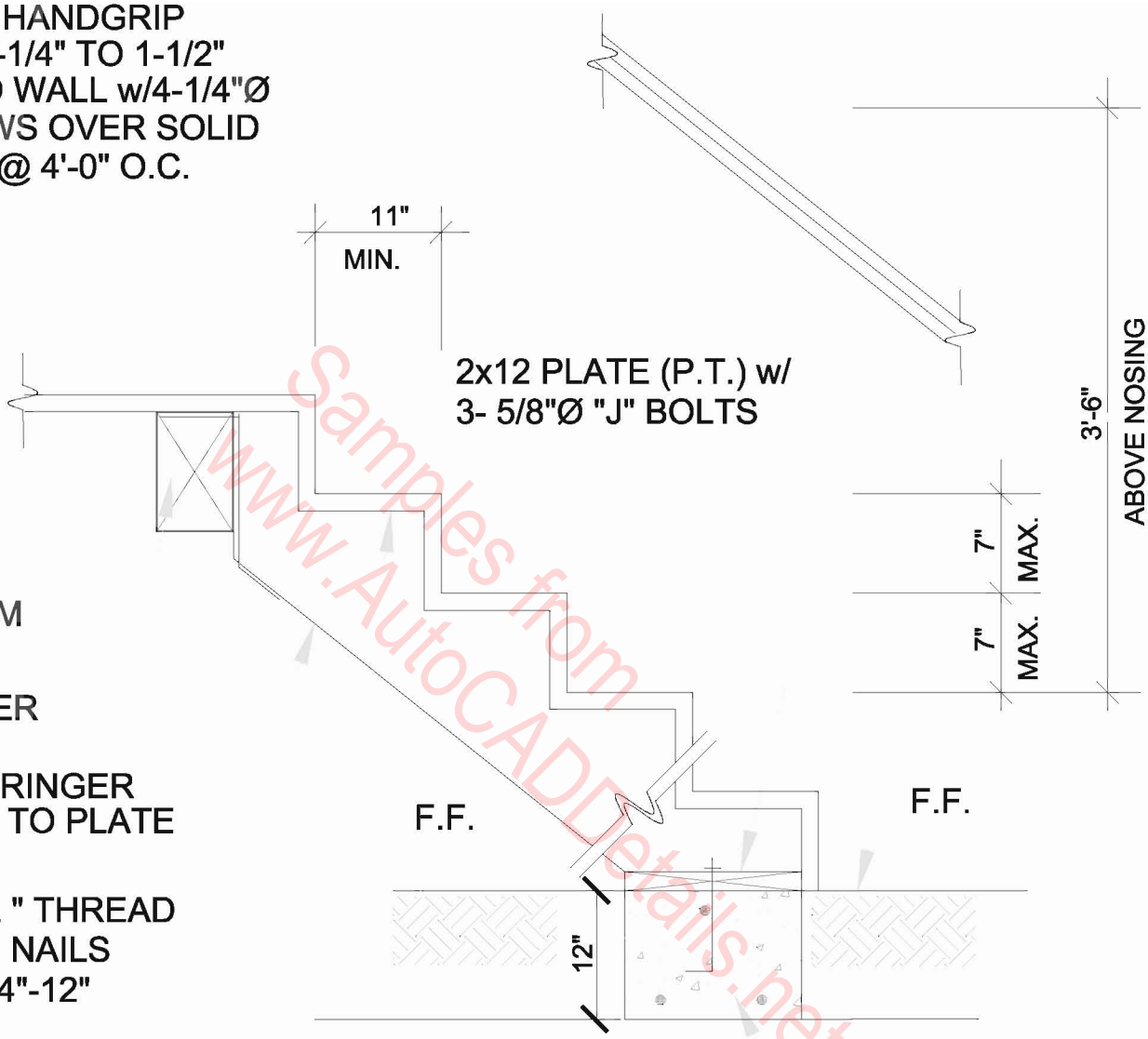
SHIMS EXCEEDING 7/8"
SEE DETAIL 10

ATTACH TO TOP PLATES WITH SDS¼ x 3½ SCREWS. (PROVIDED)

Samples from www.AutoCADDetails.net

SSW TOP PLATE CONNECTION

HANDRAIL, HANDGRIP
PORTION 1-1/4" TO 1-1/2"
ATTACH TO WALL w/4-1/4"Ø
LAG SCREWS OVER SOLID
BLOCKING @ 4'-0" O.C.

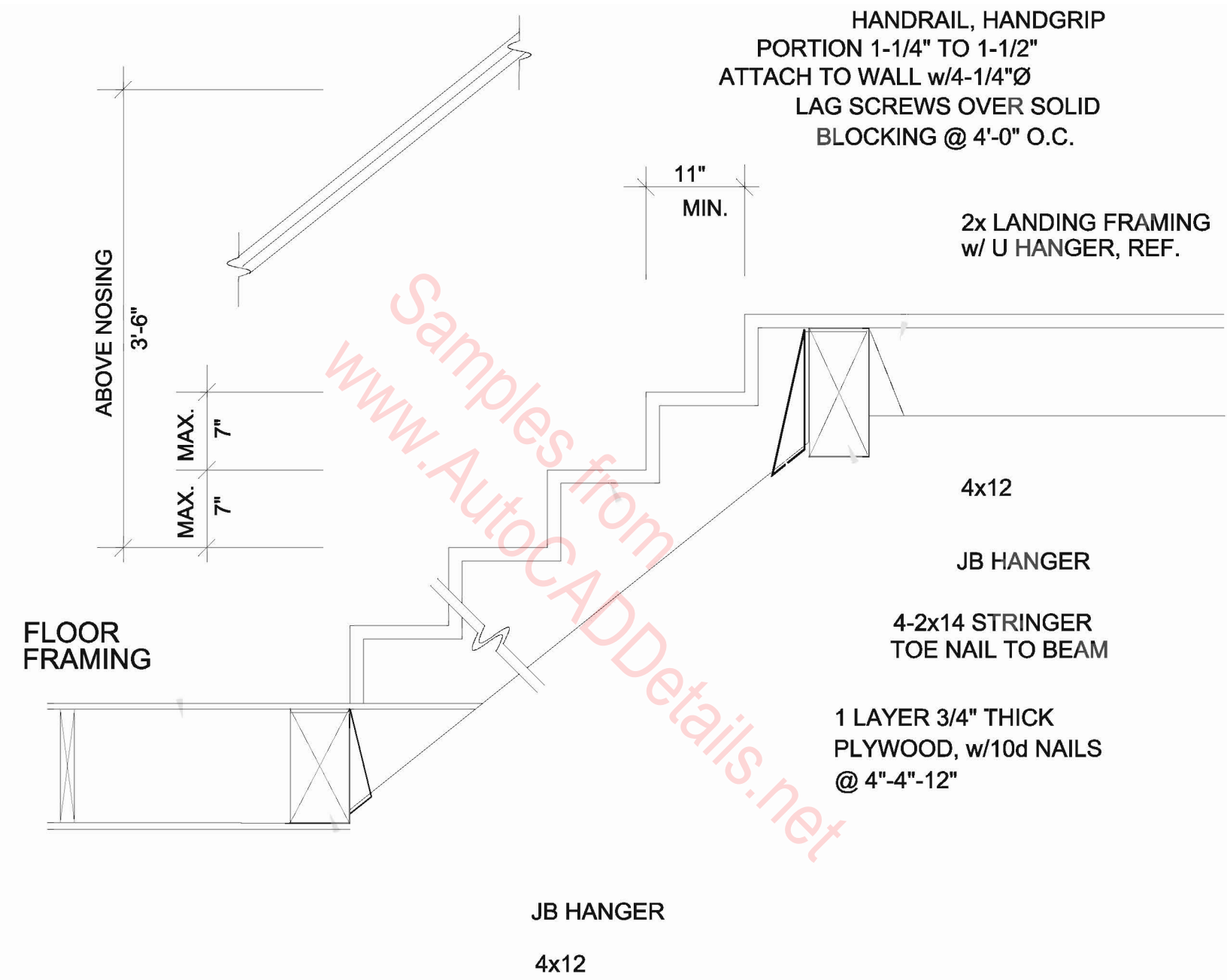


Samples from www.AutoCADDetails.net

CONT.12"x30" FOOTING
w/3- #5 BARS @ BOTTOM
f'c=2,500 PSI

A MINIMUM HEADROOM OF 6'-8" MUST BE PROVIDED.

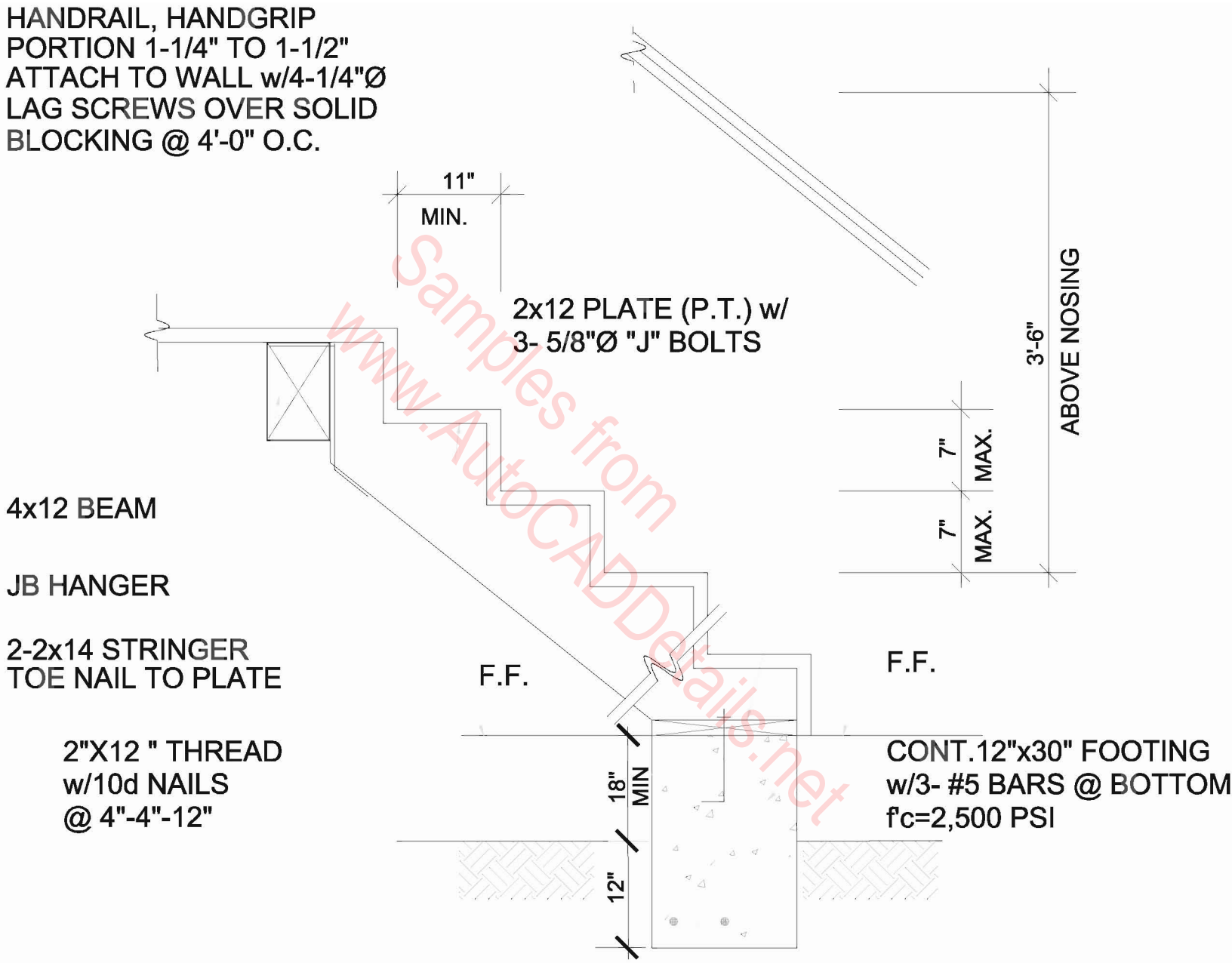
STAIR DETAIL



Samples from www.AutoCADDetails.net

PROVIDE MIN. 6'-8" HEAD ROOM

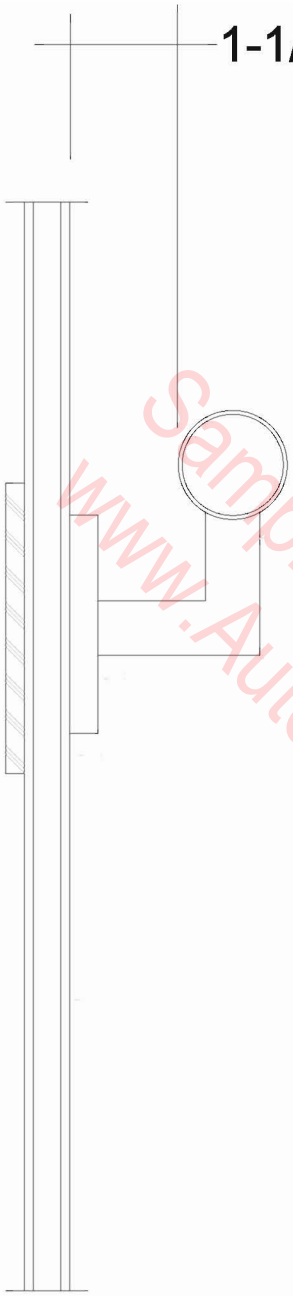
STAIR DETAIL



Samples from
www.AutoCADDetails.net

A MINIMUM HEADROOM OF 6'-8" MUST BE PROVIDED.

STAIR FOOTING DETAIL



℄

1-1/2" O.D. PIPE HANDRAIL

HANDRAIL SUPPORT FASTENED

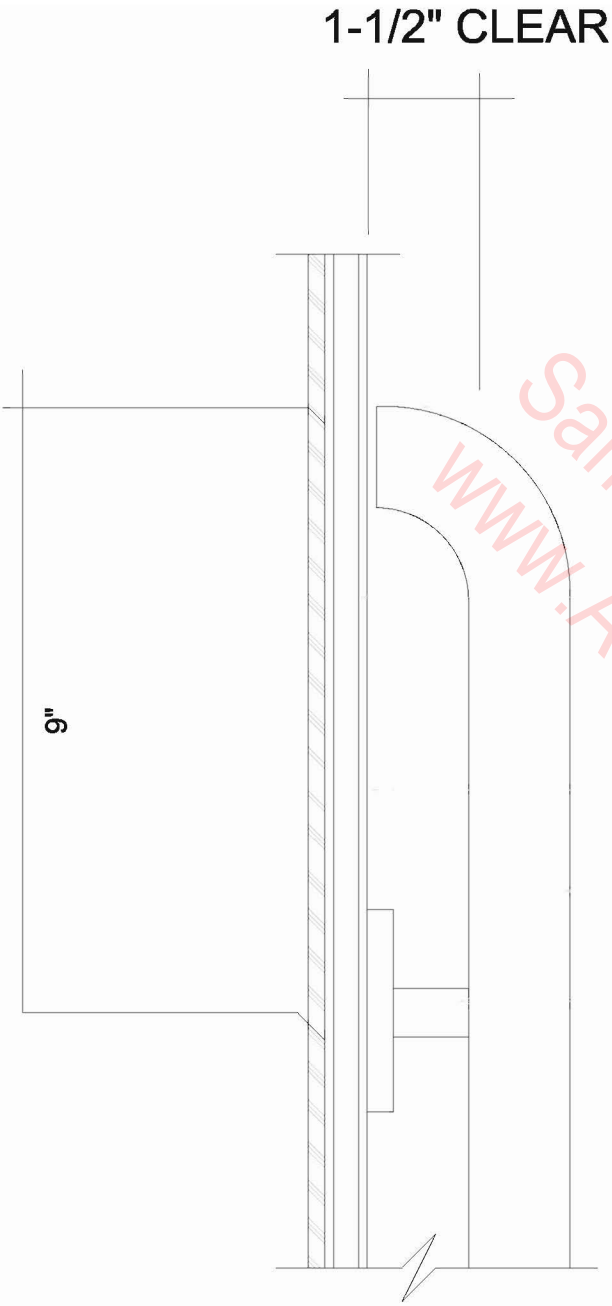
METAL FLANGE

12 GAUGE 4" WIDE BACKING PLATE FASTENED AT BOTH ENDS TO STUDS

5/8" GYP. BD.

Samples from www.AutoCADDetails.net

STAIR HANDRAIL- SECTION



1/8" MAX. GAP

12 GAUGE 4" WIDE BACKING PLATE- FASTEN AT BOTH ENDS TO STUDS

5/8" GYP. BD.

1-1/2" O.D. PIPE HANDRAIL

HANDRAIL SUPPORT FASTENED TO BACKING PLATE
METAL FLANGE

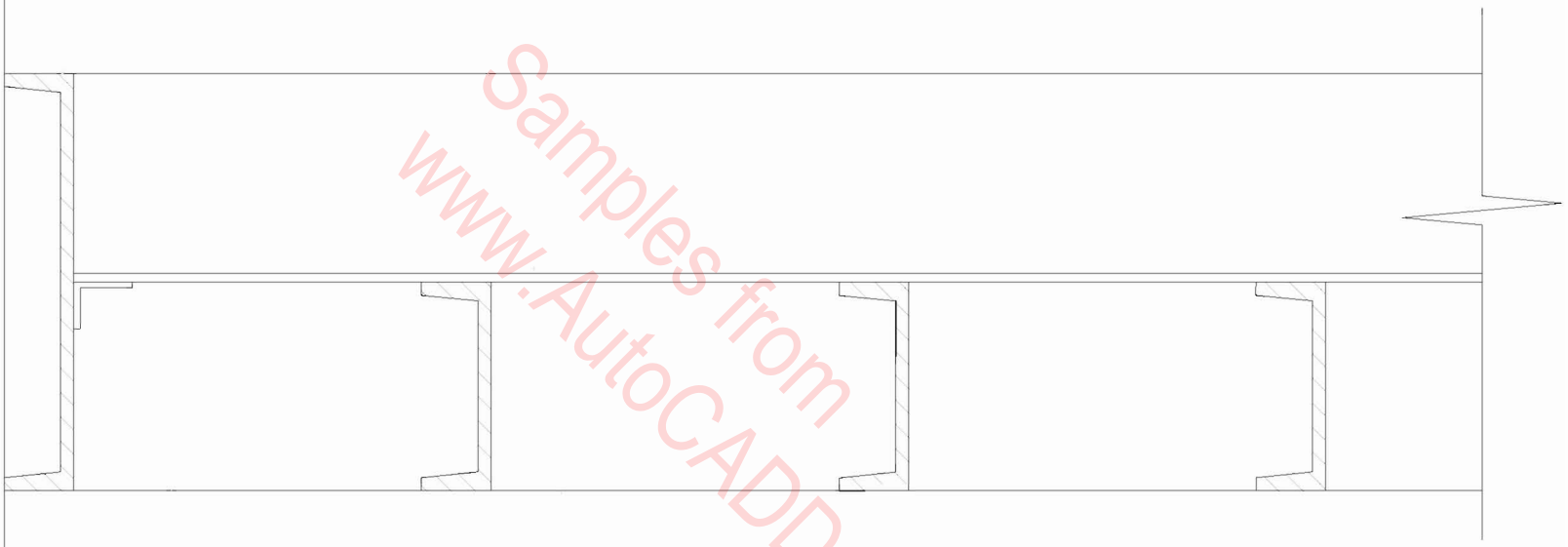
Samples from www.AutoCADDetails.net

STAIR HANDRAIL- PLAN

WALL LINE

MC 12x10.6 STEEL CHANNEL

3/16" DIAMOND PLATE STEEL
DECK. WELD TO PURLINS



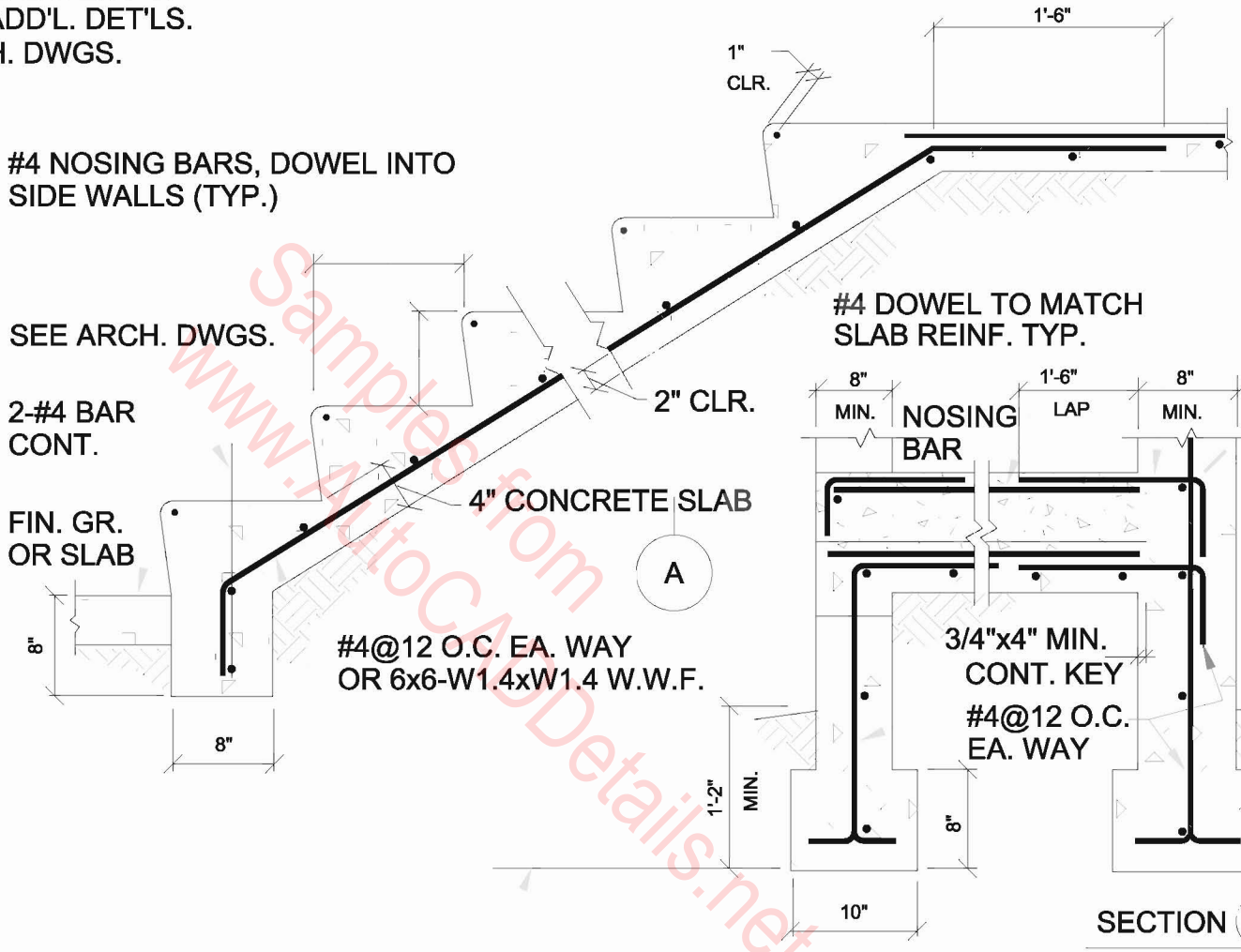
Samples from
www.AutoCADDetails.net

6x8.2 STEEL CHANNEL PURLINS
AT 1'-0" O.C. MAX.

2"x2"x1/8" STEEL SUPPORT ANGLE
CONT. - WELD TO DECK AND WALL
CHANNEL

STAIR LANDING AT STEEL PLATE STAIR - SECTION

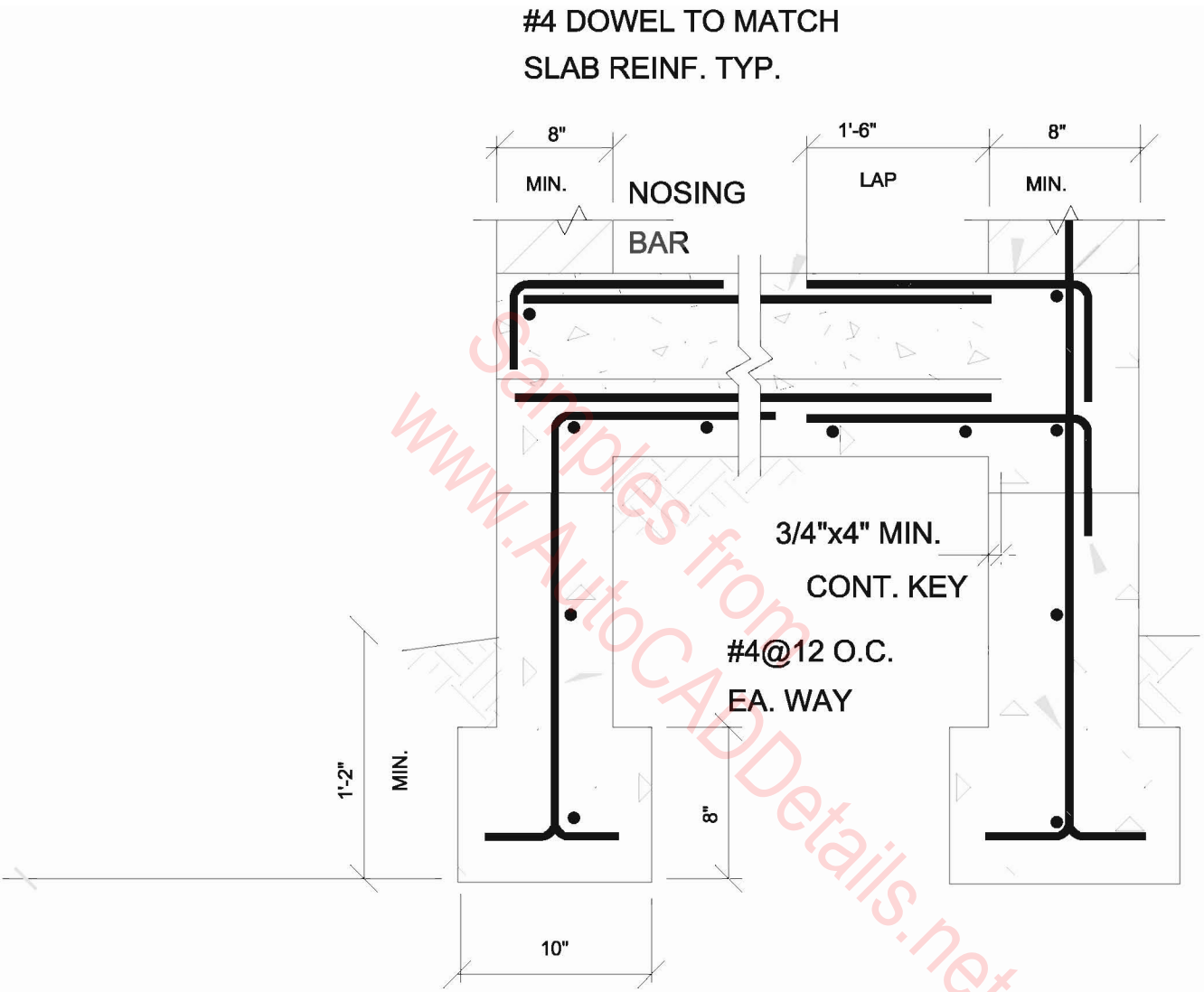
NOTE:
FOR LOCATION & EXTENT OF
STAIRS, & FOR ADD'L. DET'LS.
REFER TO ARCH. DWGS.



MIN. FOOTING DEPTH
PER SOILS REPORT

Samples from www.AutoCADDetails.net

STAIR ON GRADE



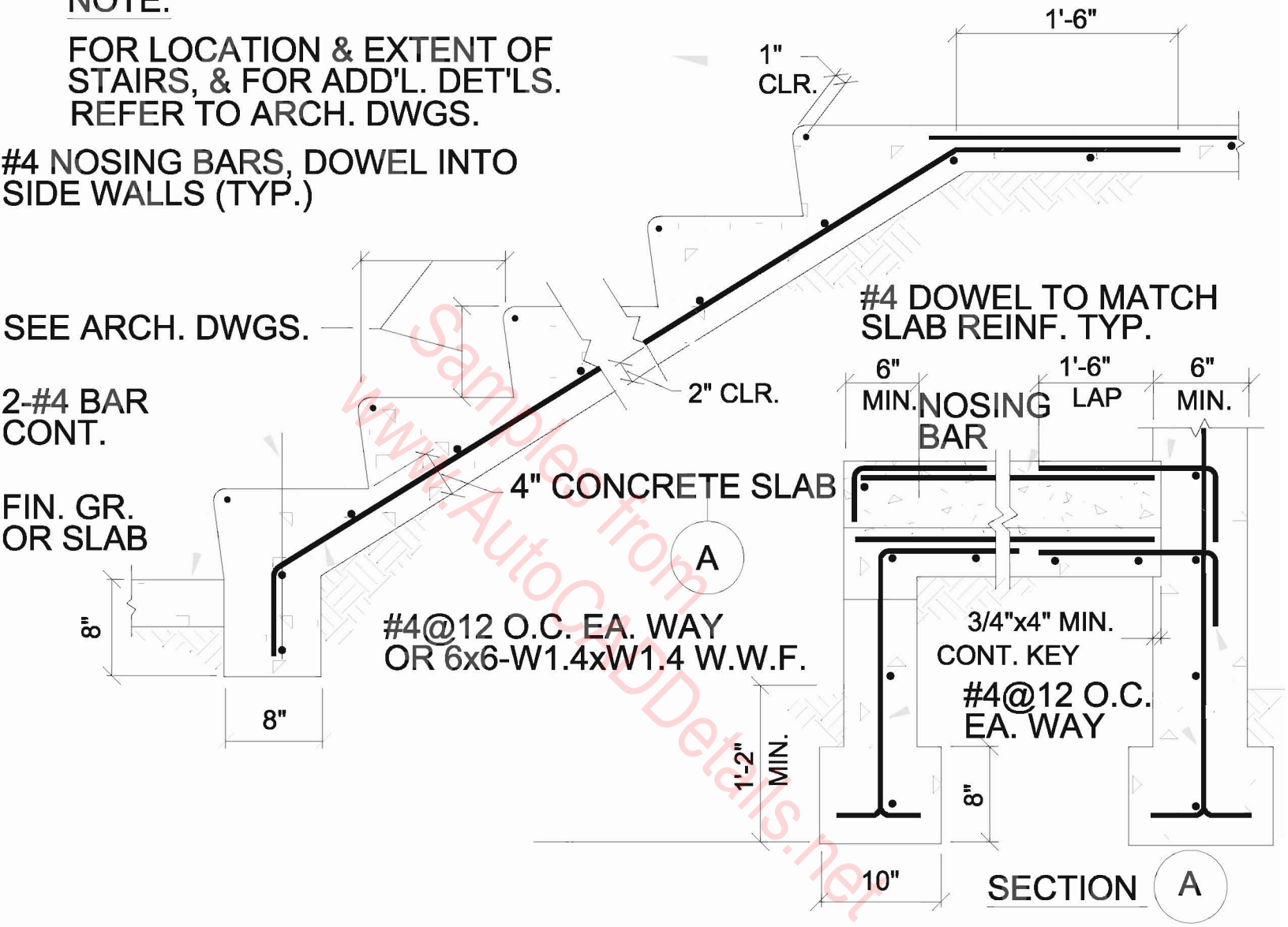
Samples from www.AutoCADDetails.net

STAIR ON GRADE SECTION

NOTE:

FOR LOCATION & EXTENT OF STAIRS, & FOR ADD'L. DET'LS. REFER TO ARCH. DWGS.

#4 NOSING BARS, DOWEL INTO SIDE WALLS (TYP.)



MIN. FOOTING DEPTH PER SOILS REPORT

STAIR ON GRADE

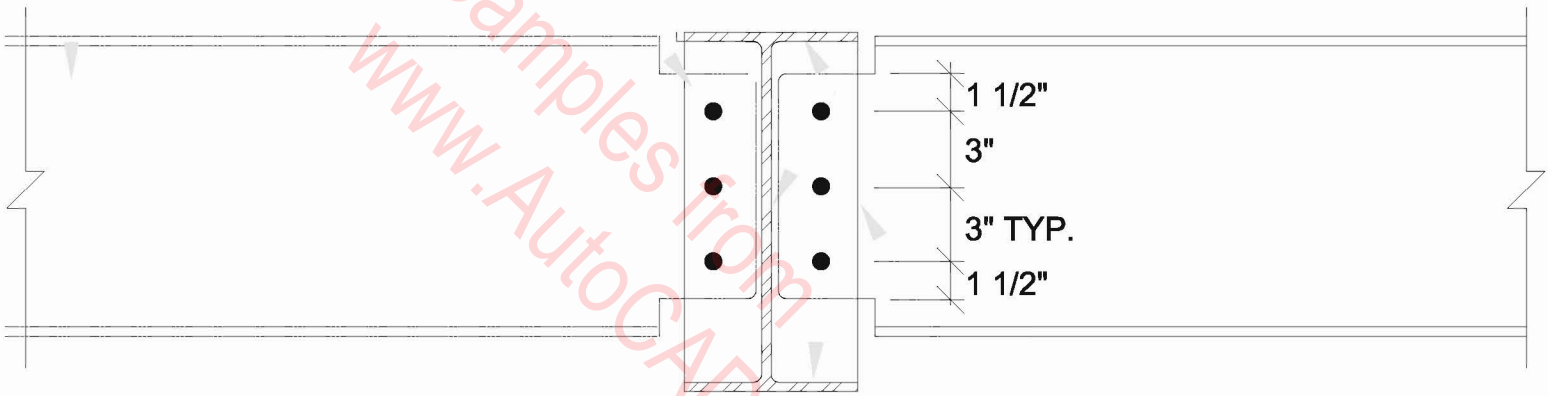
Samples from www.AutoCADDetails.net

BEAM WHERE OCCURS

TYP.

1/4"

MATCHING STIFF. PL. TYP.



W4x, W6, L2 -(1)-3/4" DIA. BOLTS
W8 x, W10-(2)-3/4" DIA. BOLTS
W12 x, W14-(3)-3/4" DIA. BOLTS
W16 x, W18-(4)-3/4" DIA. BOLTS
W21 x, W24-(5)-3/4" DIA. BOLTS

CONN. PL. 't'
TO BE FULL DEPTH

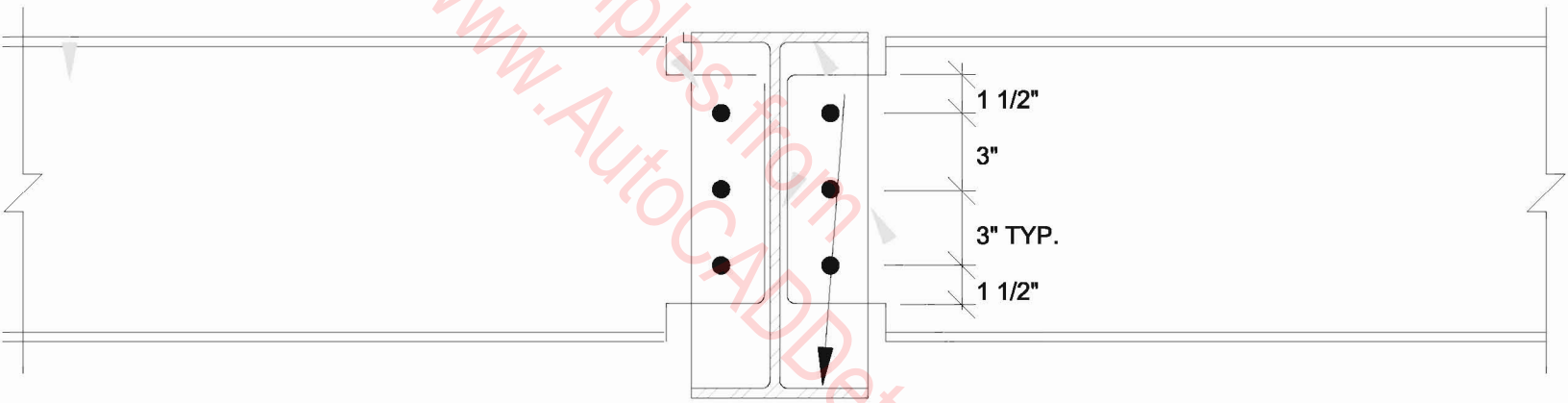
Samples from www.AutoCADDetails.net

STEEL BEAM CONN. (OSBC)

BEAM WHERE OCCURS

1/4" TYP.

MATCHING STIFF. PL. TYP.

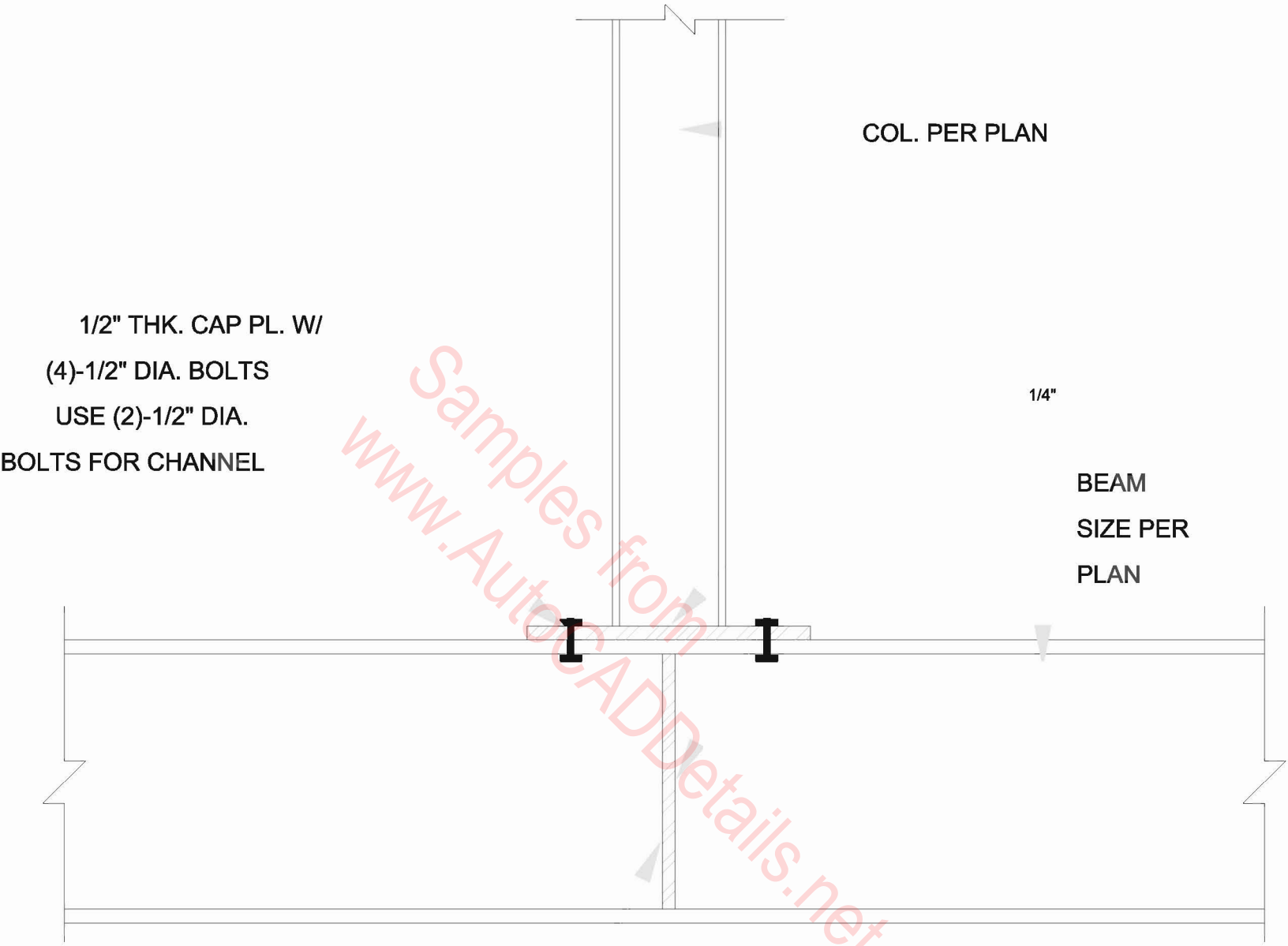


W4x, W6, L2 -(1)-3/4" DIA. BOLTS
W8 x, W10-(2)-3/4" DIA. BOLTS
W12 x, W14-(3)-3/4" DIA. BOLTS
W16 x, W18-(4)-3/4" DIA. BOLTS
W21 x, W24-(5)-3/4" DIA. BOLTS

CONN. PL. 't'
TO BE FULL DEPTH

Samples from www.AutoCADDetails.net

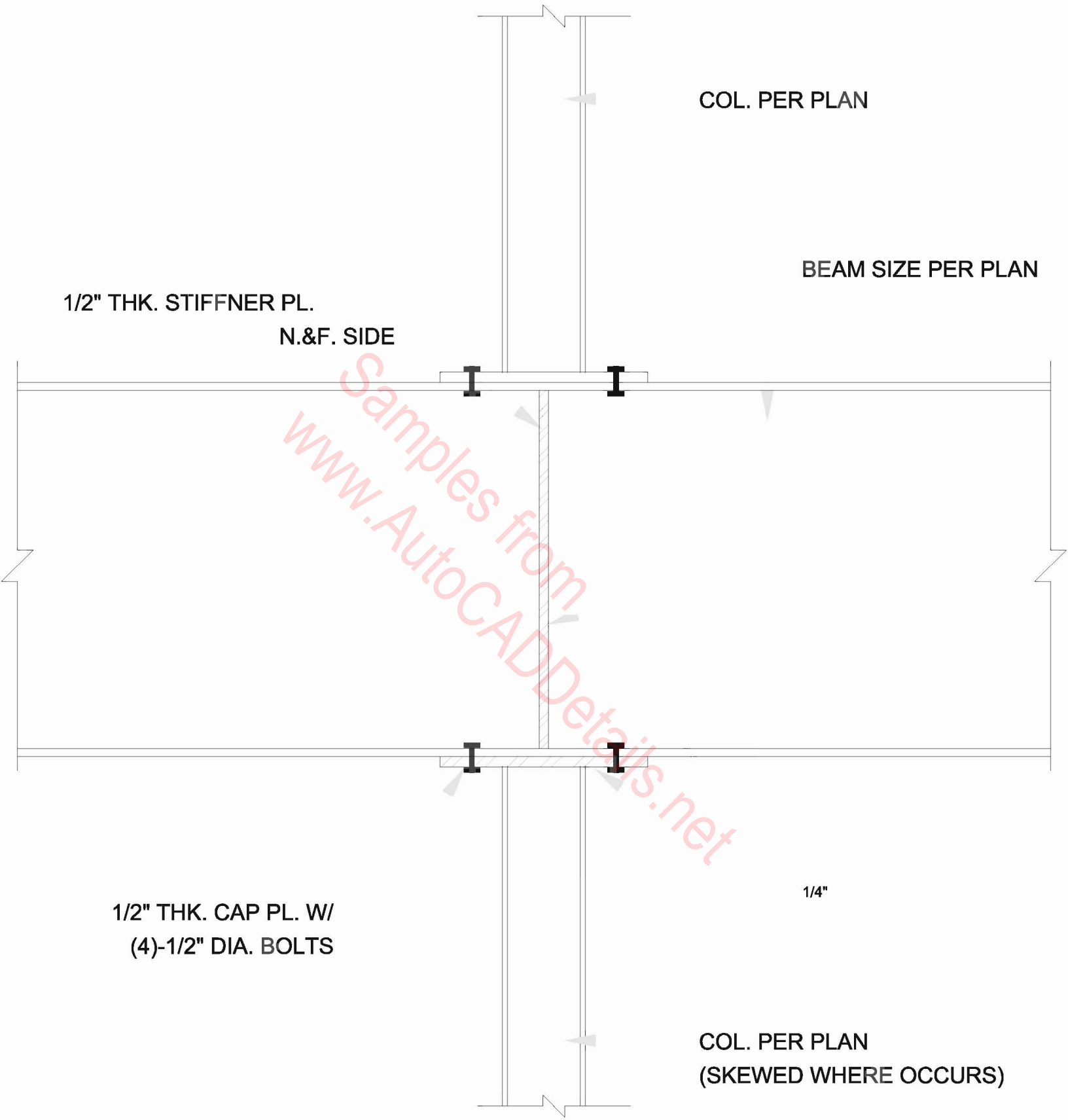
STEEL BEAM CONN. (OSBC)



Samples from www.AutoCADDetails.net

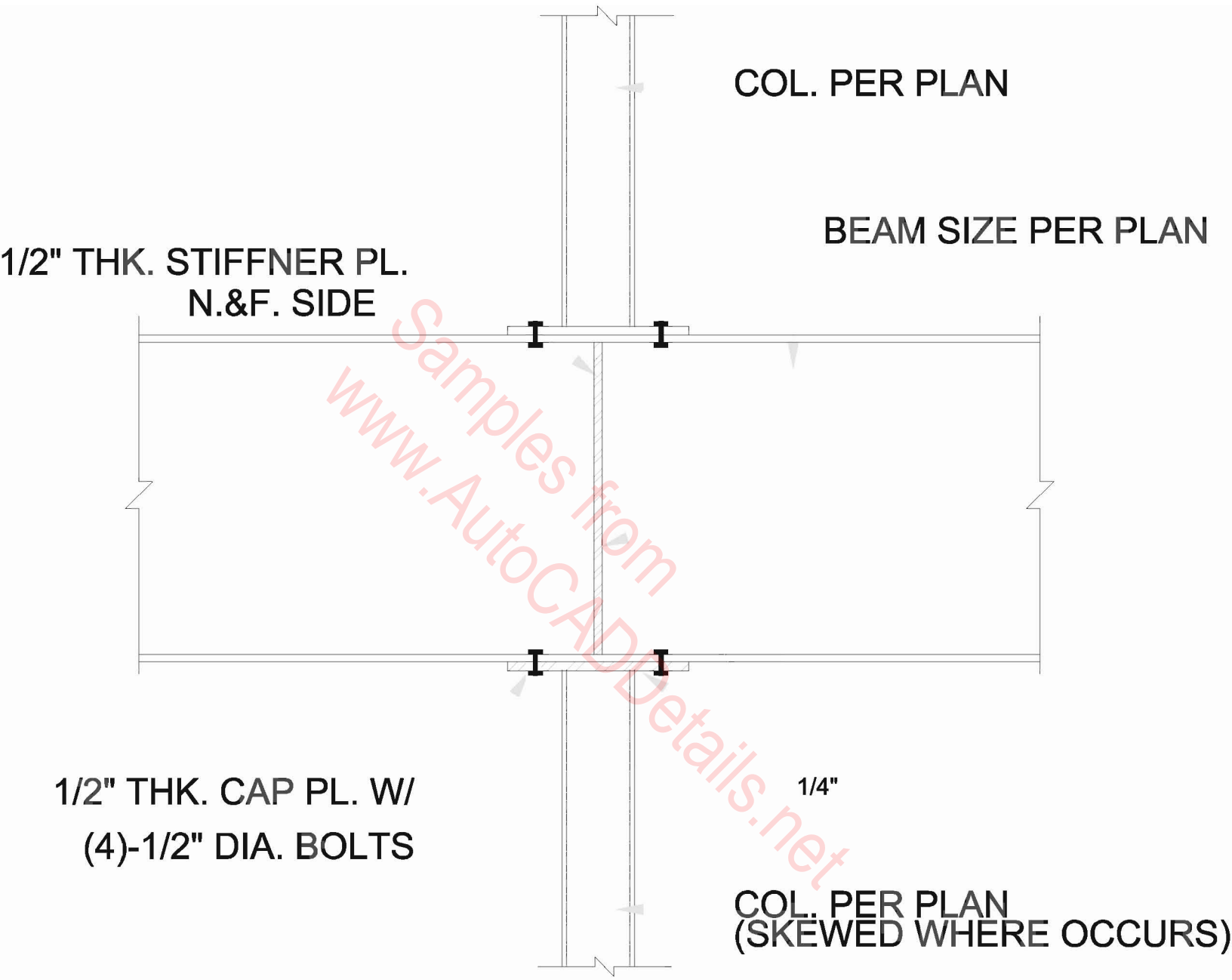
1/4" THK.
STIFFNER PL.
N.&F. SIDE

STEEL BEAM TO COL. (MART12)



Samples from
www.AutoCADDetails.net

STEEL BEAM TO COL. (SBC)

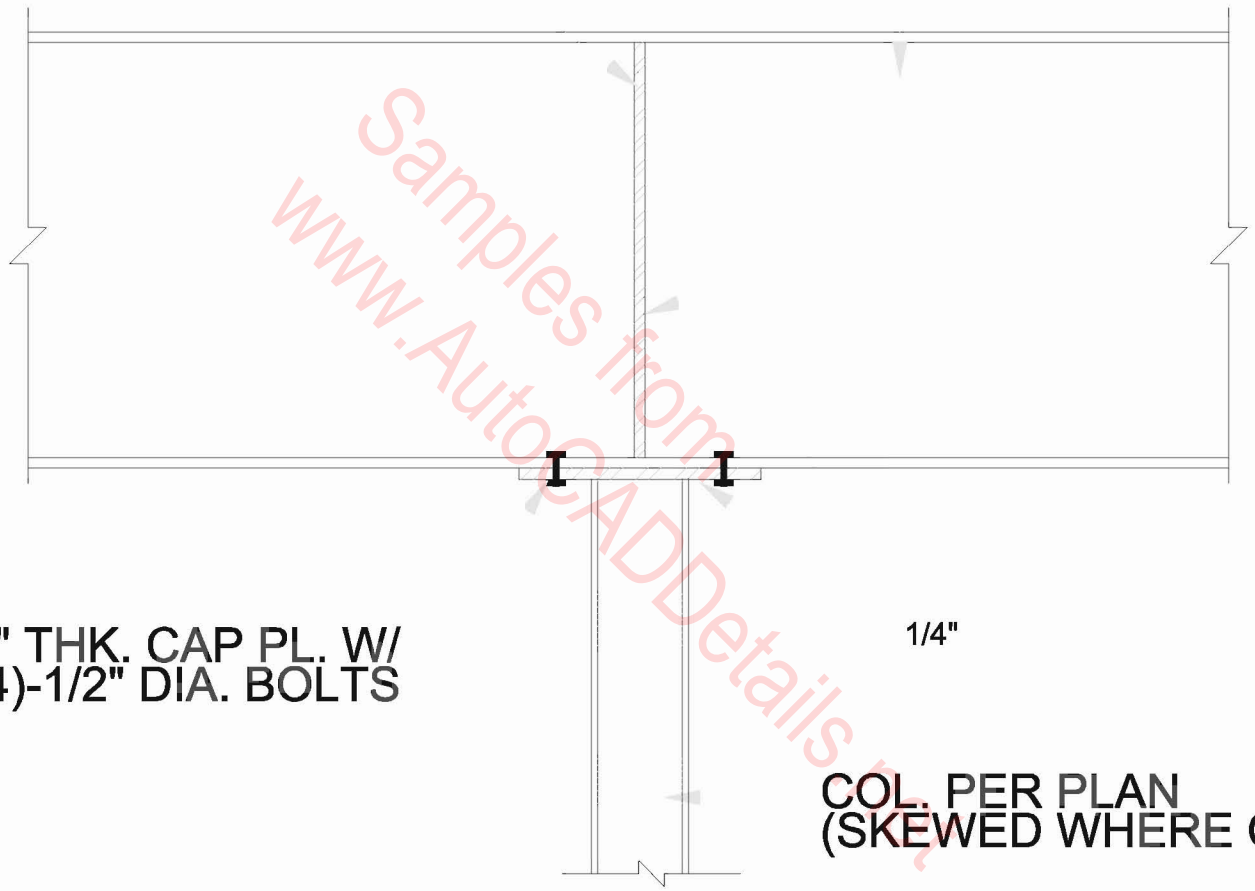


Samples from
www.AutoCADDetails.net

STEEL BEAM TO COL. (SBC)

1/2" THK. STIFFNER PL.
N.&F. SIDE

BEAM SIZE PER PLAN



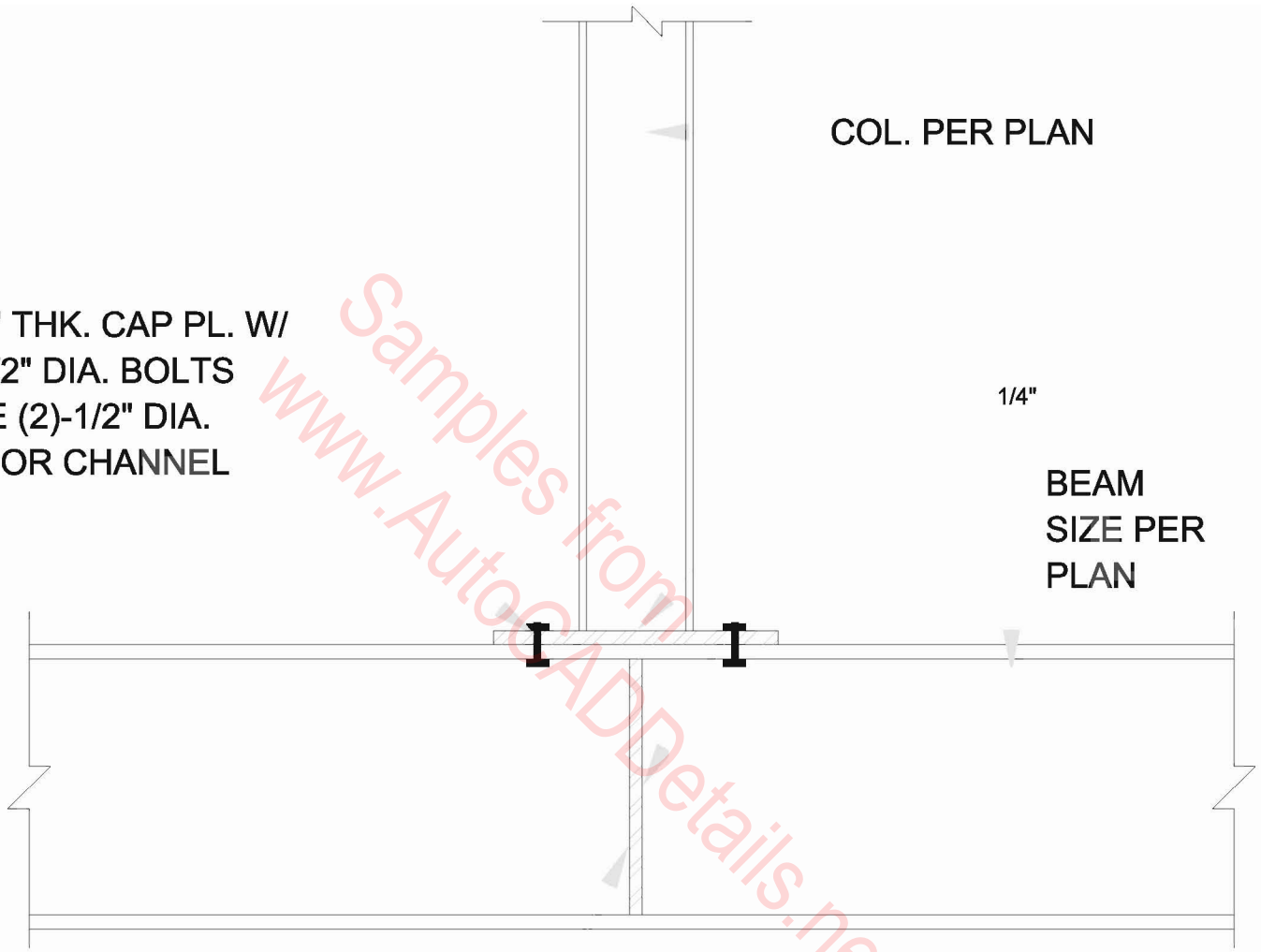
1/2" THK. CAP PL. W/
(4)-1/2" DIA. BOLTS

1/4"

COL. PER PLAN
(SKEWED WHERE OCCURS)

Samples from
www.AutoCADDetails.net

STEEL BEAM TO COL.

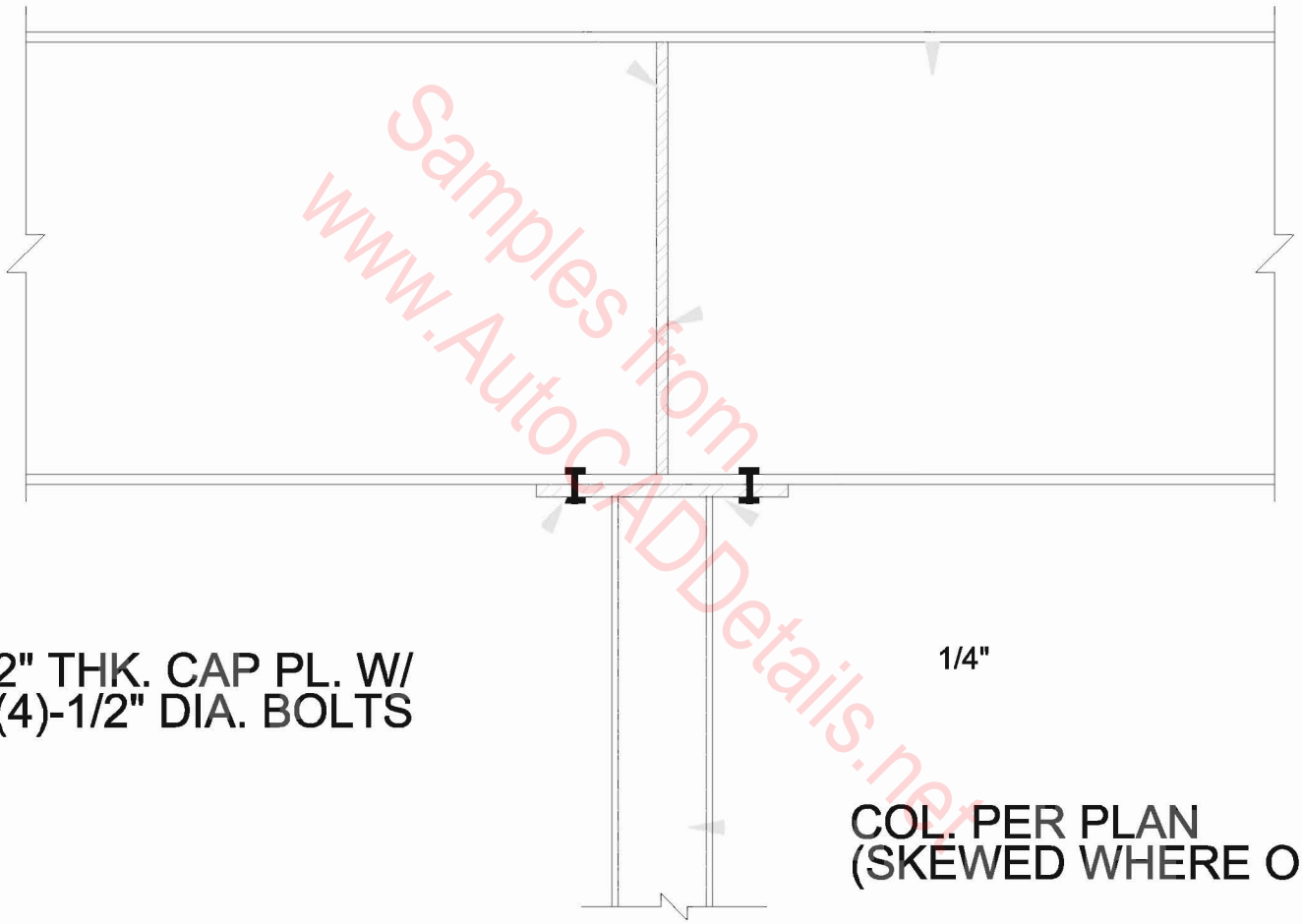


Samples from www.AutoCADDetails.net

STEEL BEAM TO COL. (MART12)

BEAM SIZE PER PLAN

1/2" THK. STIFFNER PL.
N.&F. SIDE



1/2" THK. CAP PL. W/
(4)-1/2" DIA. BOLTS

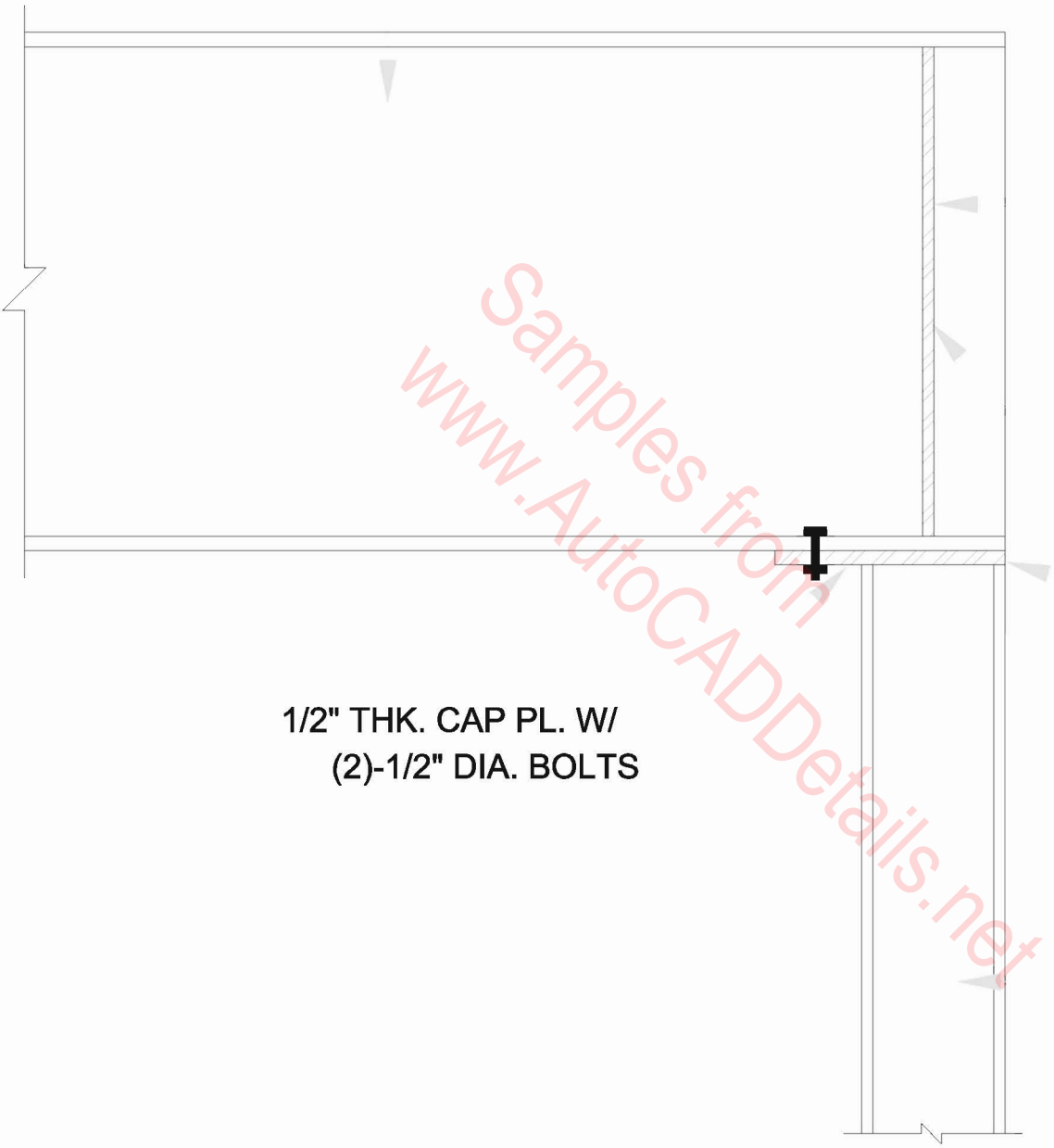
1/4"

COL. PER PLAN
(SKEWED WHERE OCCURS)

Samples from
www.AutoCADDetails.net

STEEL BEAM TO COL.

BM. SIZE PER PLAN



1/2" THK. STIFFNER
PL. N. & F. SIDE

1/4"

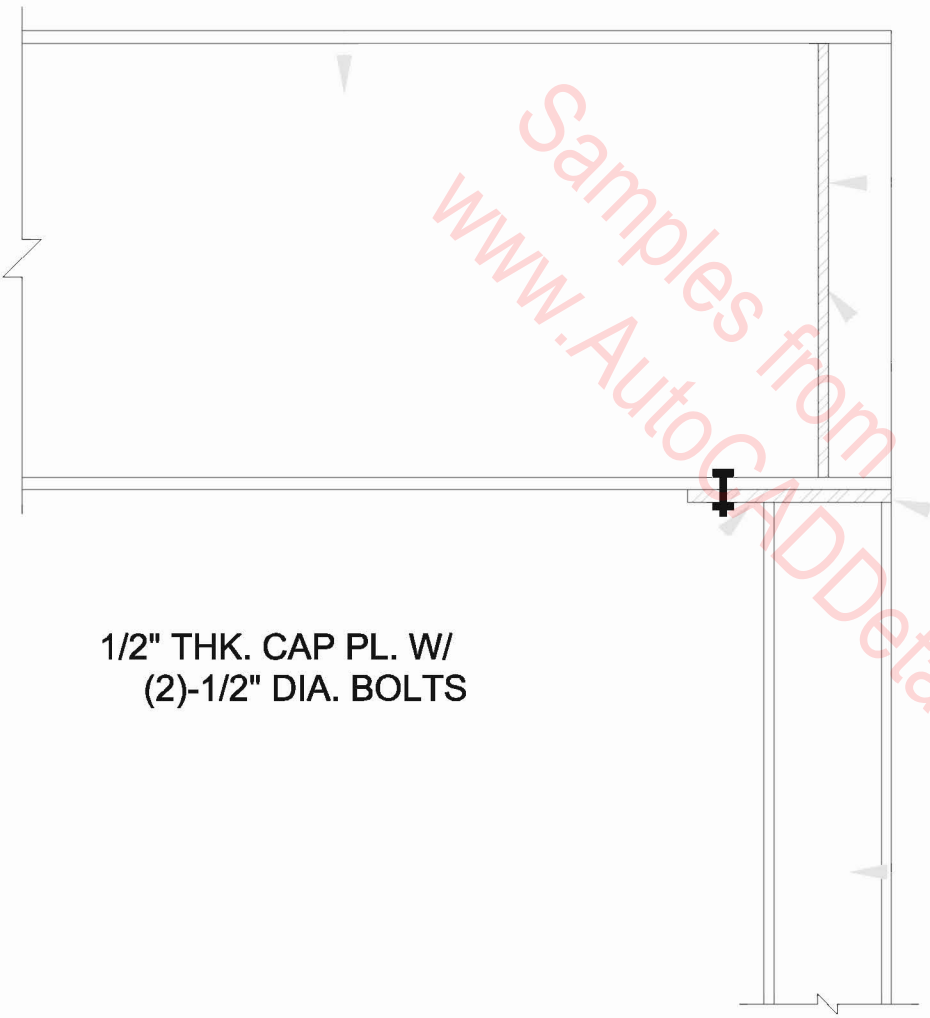
1/2" THK. CAP PL. W/
(2)-1/2" DIA. BOLTS

COL. PER PLAN

Samples from
www.AutoCADDetails.net

STEEL BEAM TO COLUMN (SBC2)

BM. SIZE PER PLAN



1/2" THK. STIFFNER
PL. N. & F. SIDE

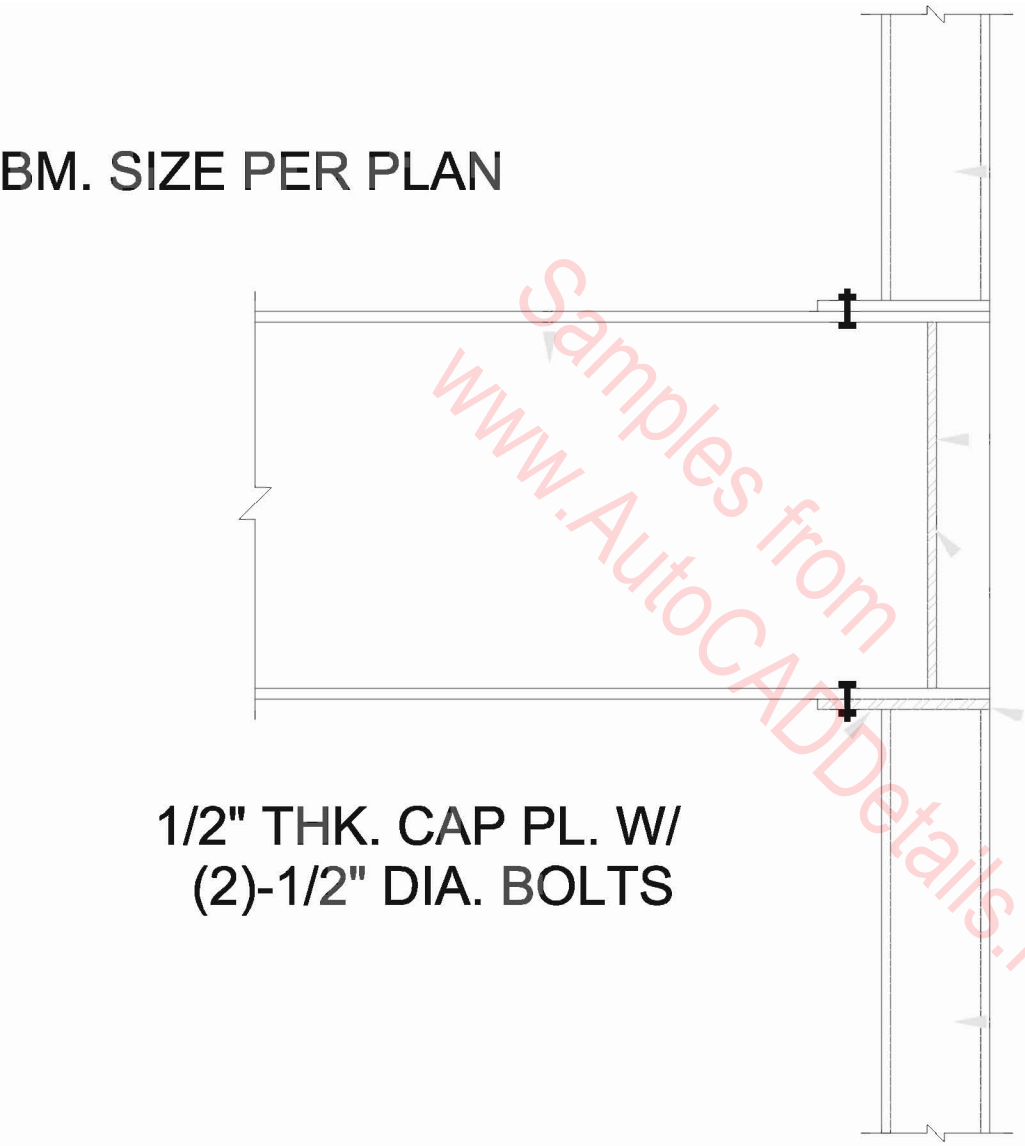
1/4"

1/2" THK. CAP PL. W/
(2)-1/2" DIA. BOLTS

COL. PER PLAN

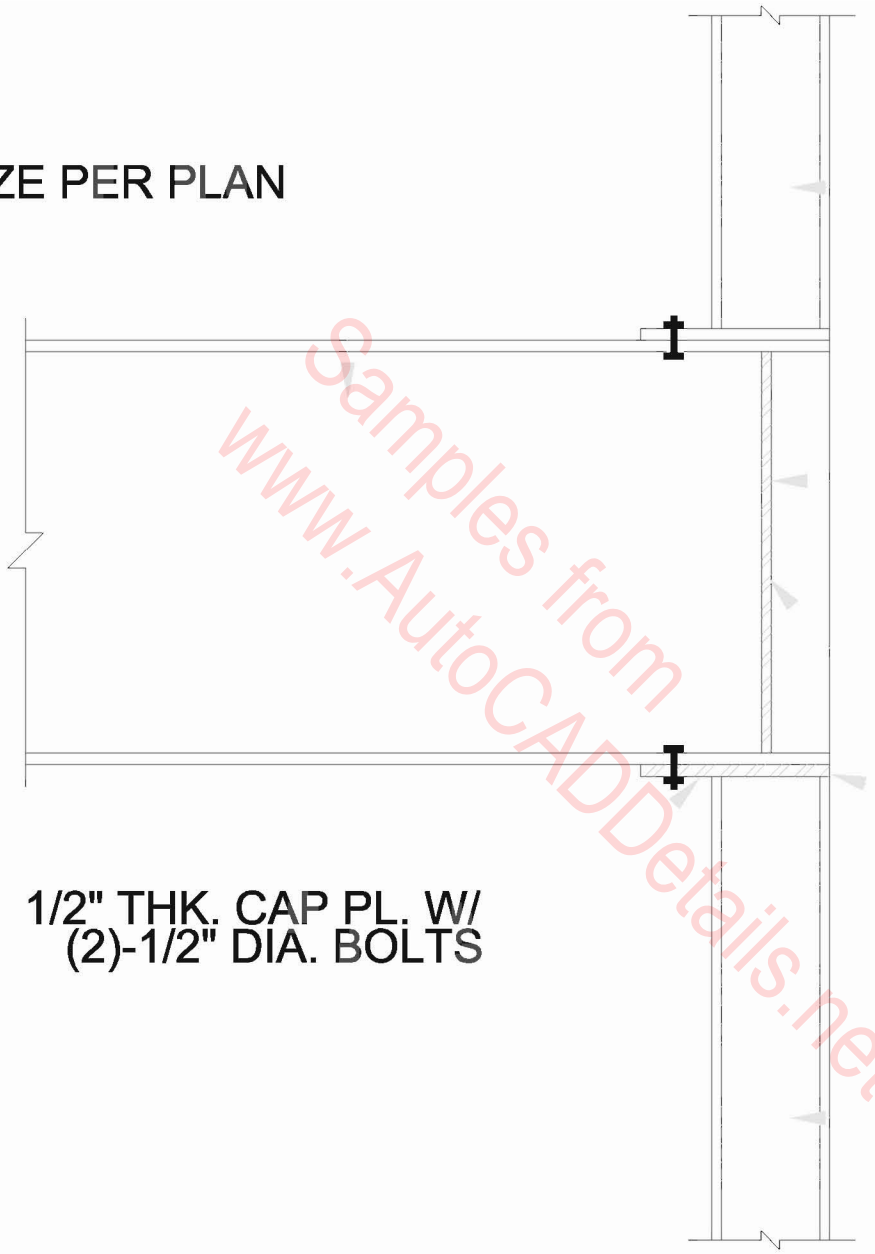
Samples from
www.AutoCADDetails.net

STEEL BEAM TO COLUMN (SBC2)



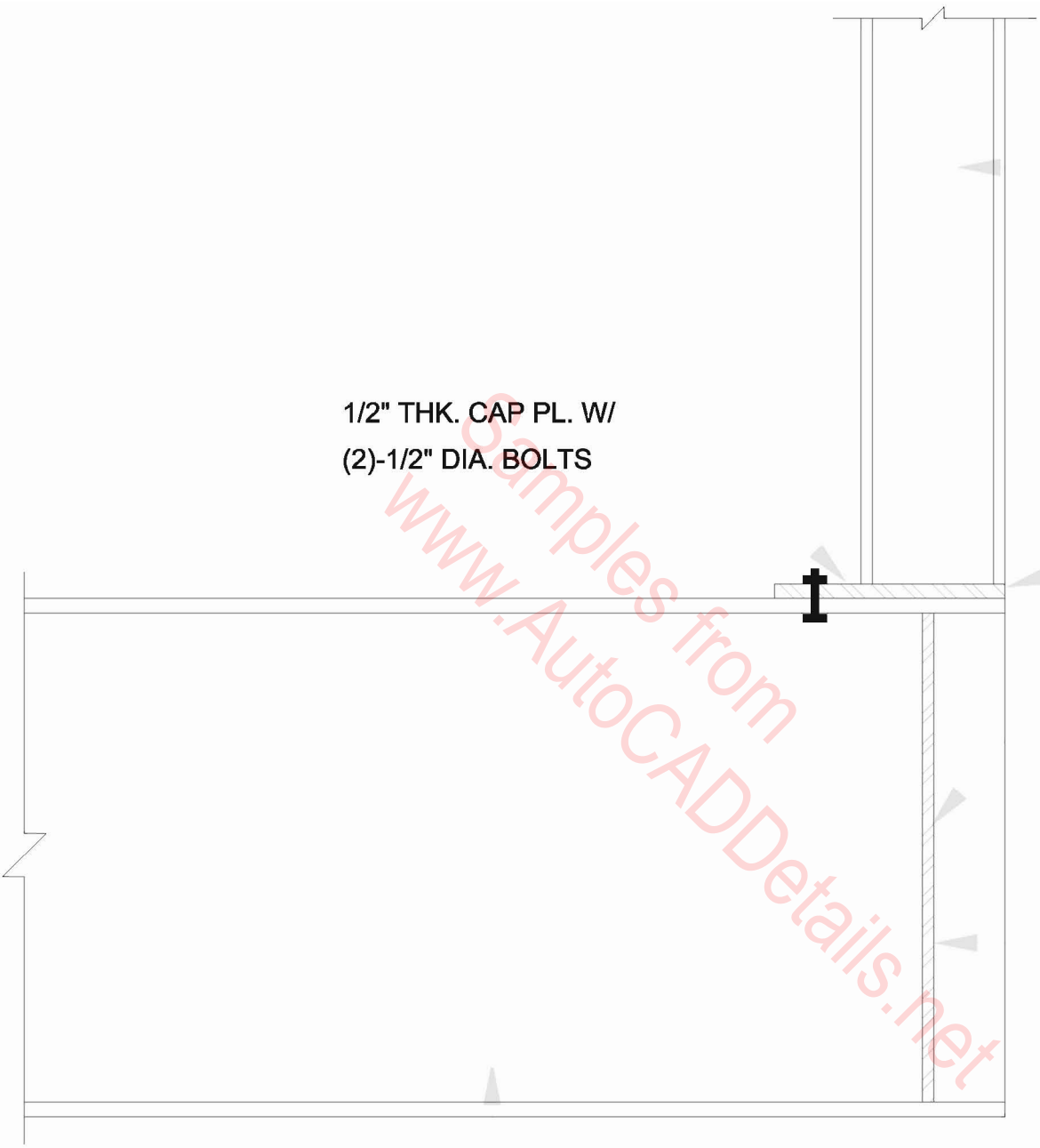
Samples from
www.AutoCADDetails.net

STEEL BEAM TO COLUMN (SBC2)



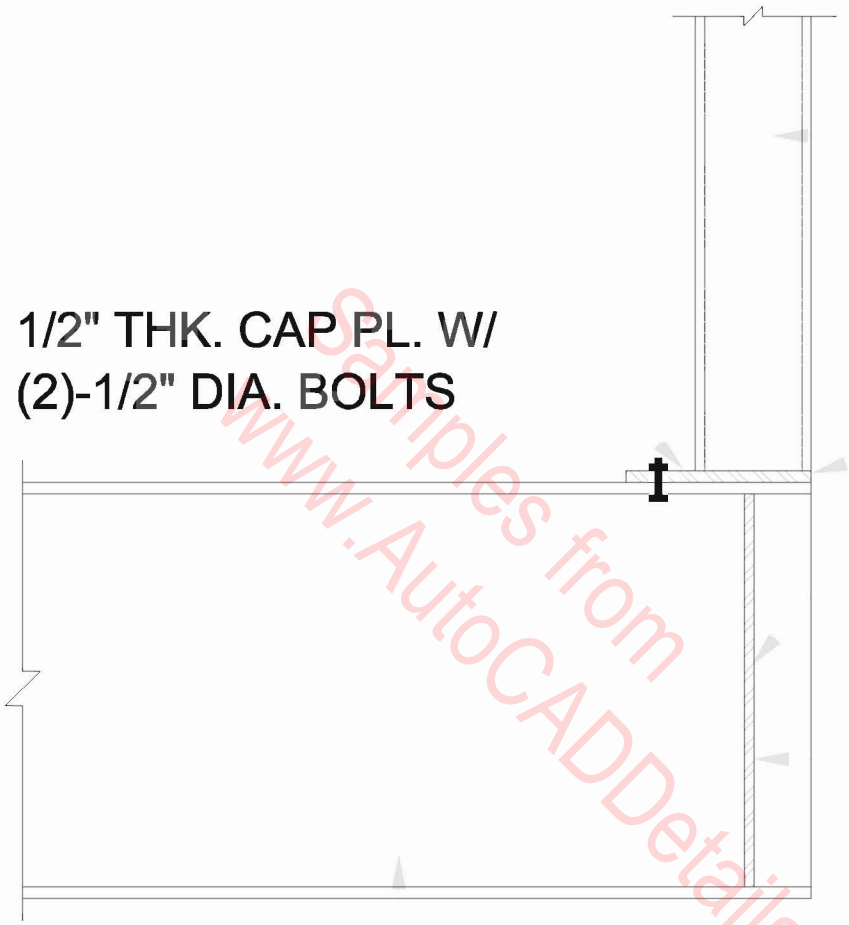
Samples from www.AutoCADDetails.net

STEEL BEAM TO COLUMN (SBC2)



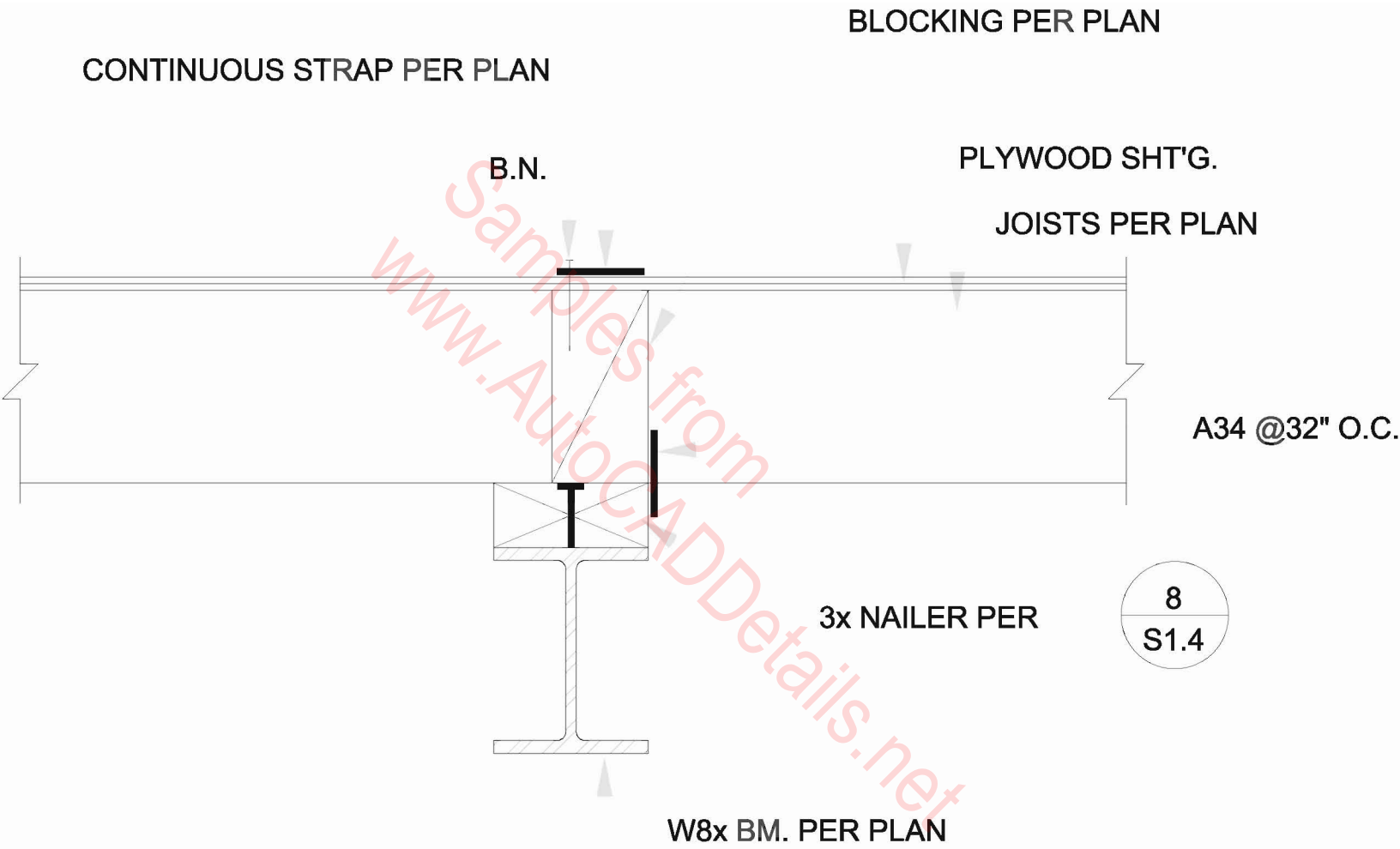
Samples from
www.AutoCADDetails.net

STEEL BEAM TO COLUMN



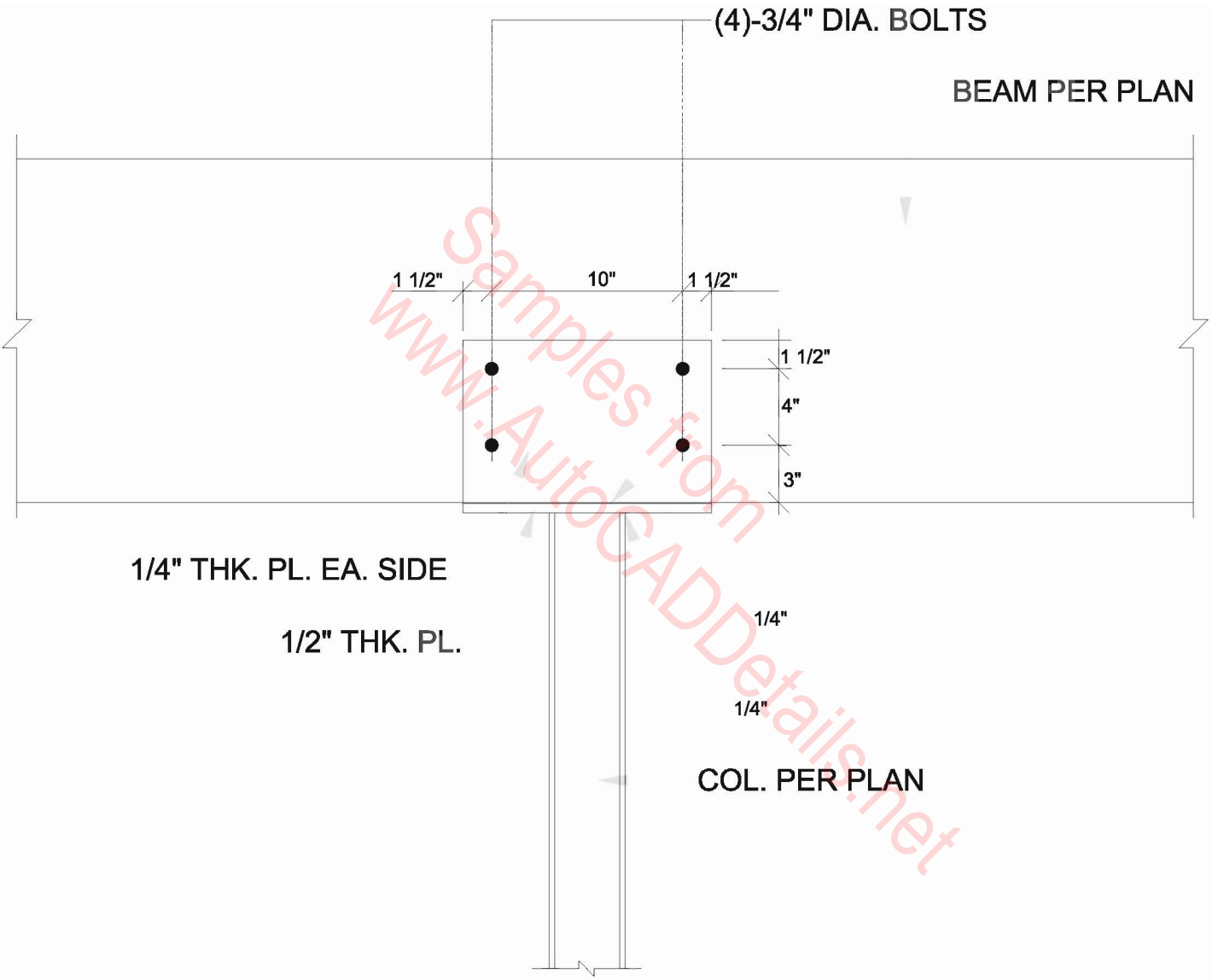
Samples from
www.AutoCADDetails.net

STEEL BEAM TO COLUMN



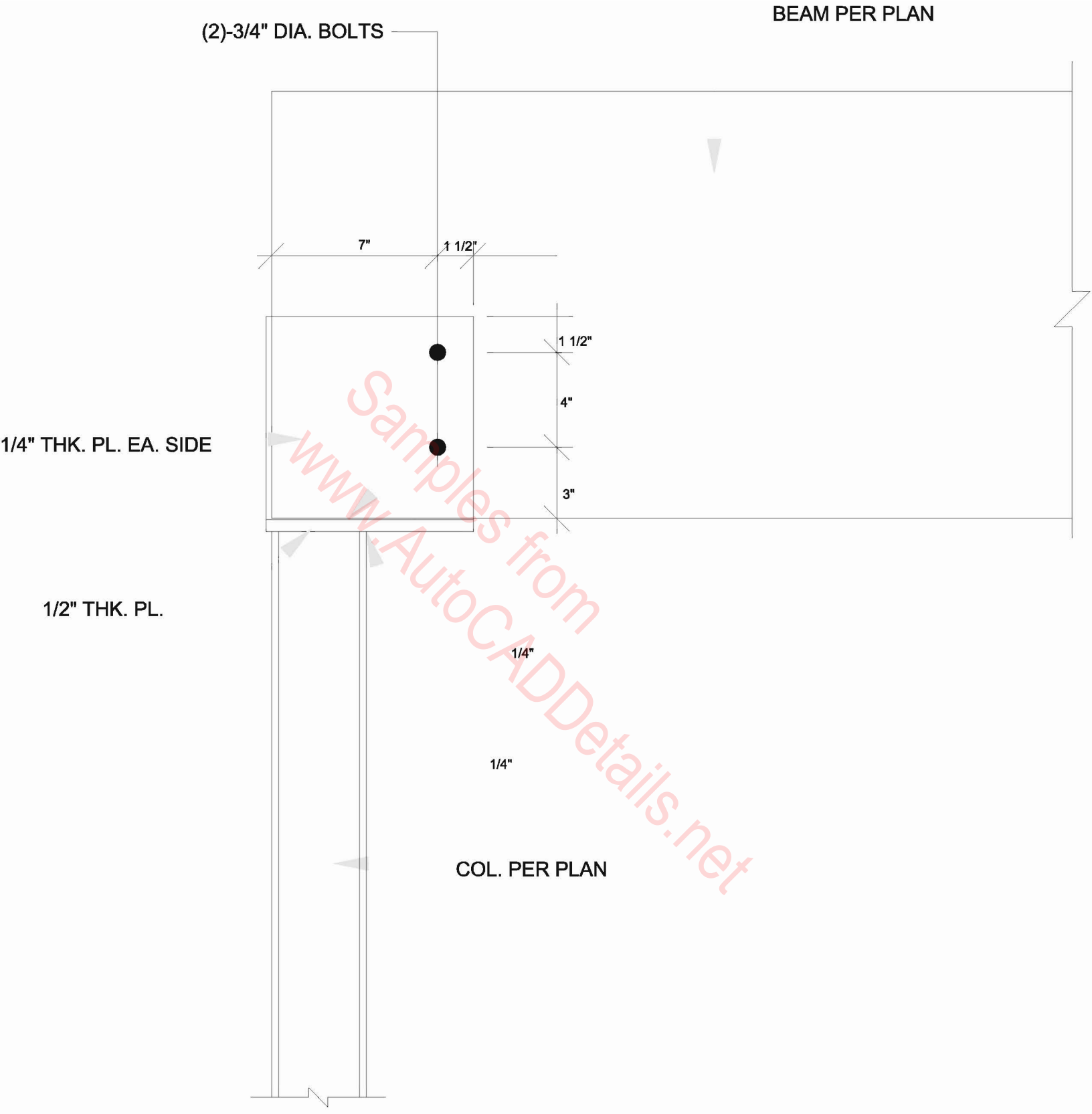
Samples from
www.AutoCADDetails.net

STEEL BM. TO WOOD BM. (SCT9)



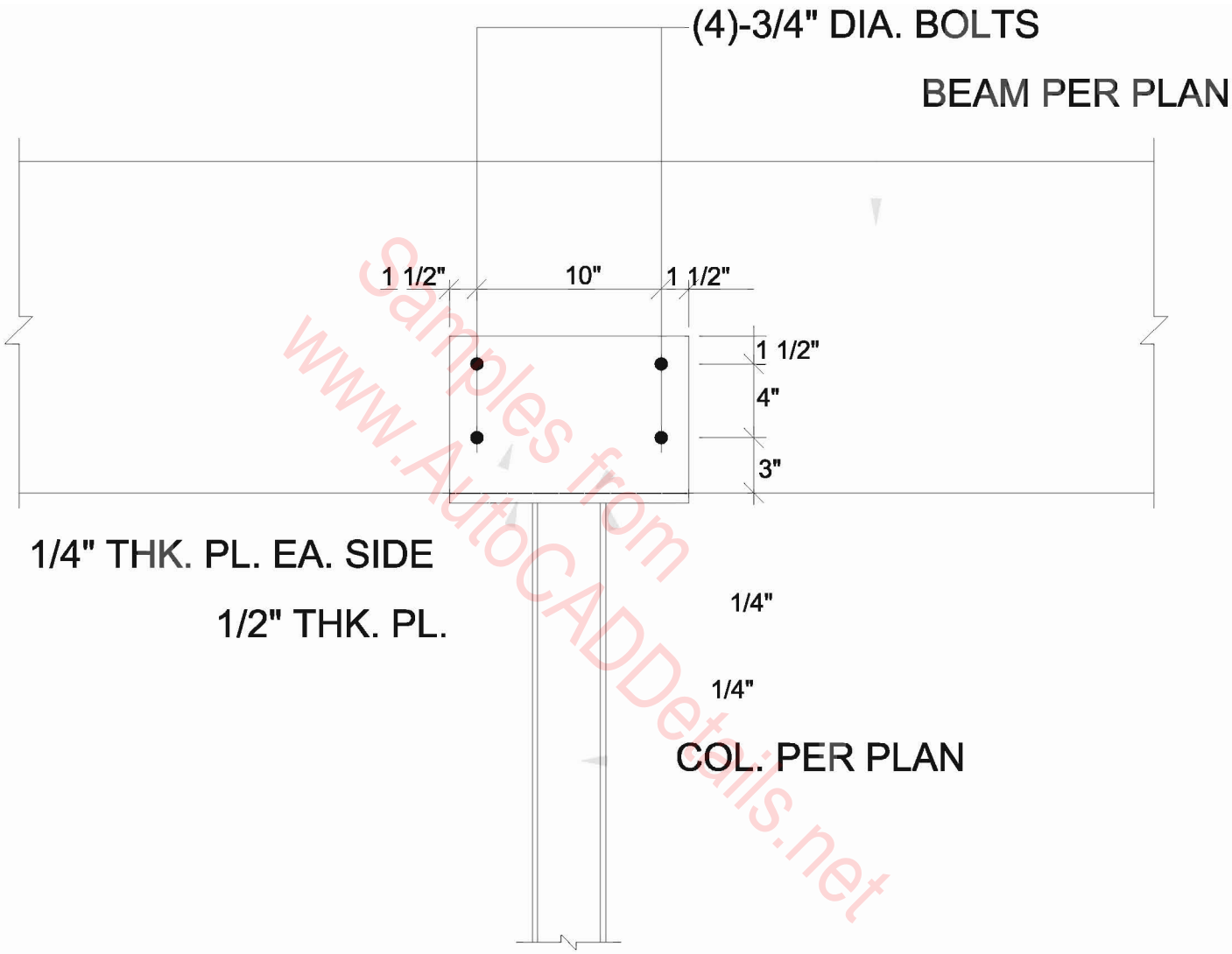
Samples from www.AutoCADDetails.net

STEEL COL. TO WOOD BEAM DETAIL (SCWB3)



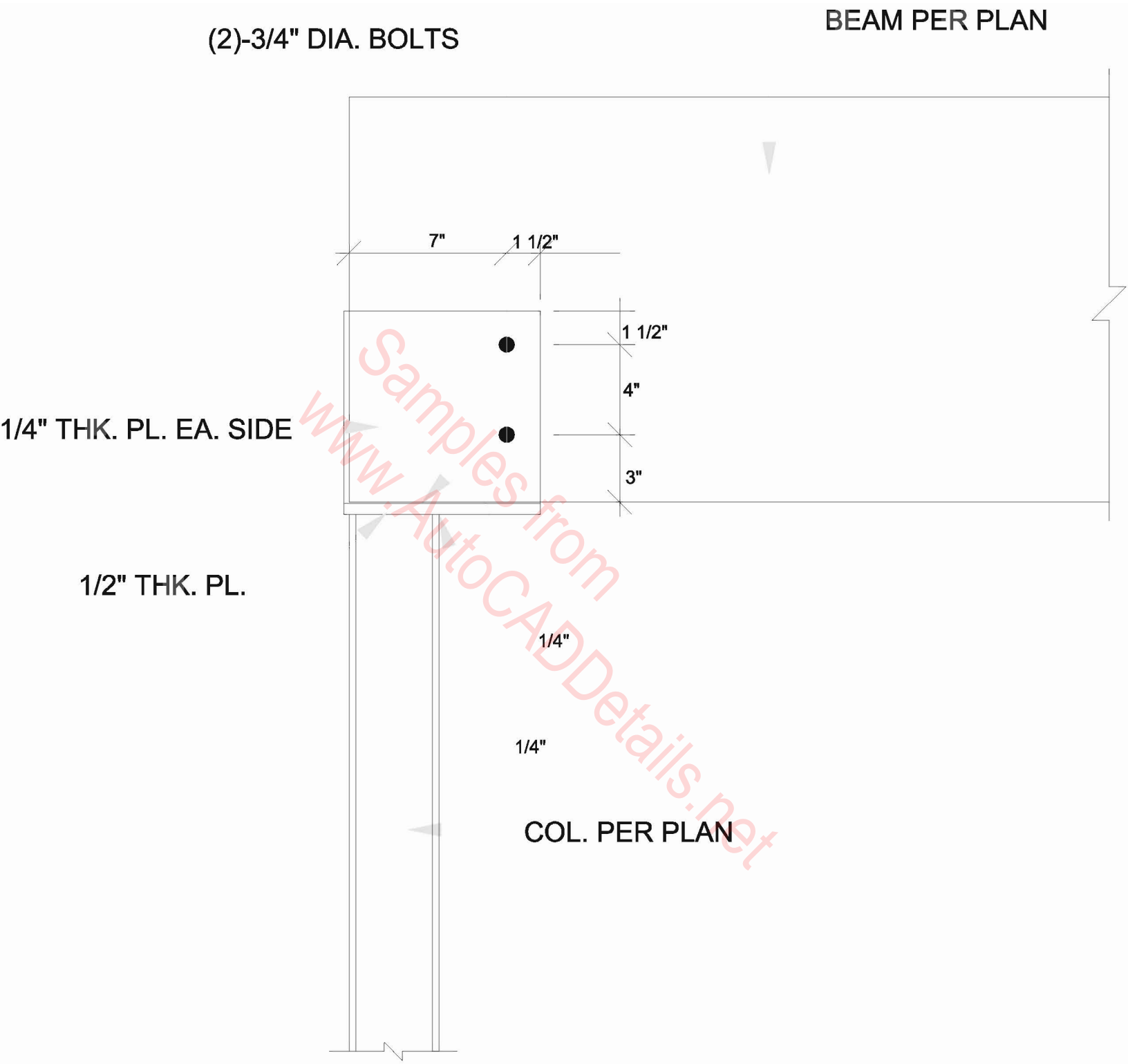
Samples from www.AutoCADDetails.net

STEEL COL. TO WOOD BEAM DETAIL



Samples from www.AutoCADDetails.net

STEEL COL. TO WOOD BEAM DETAIL (SCWB3)

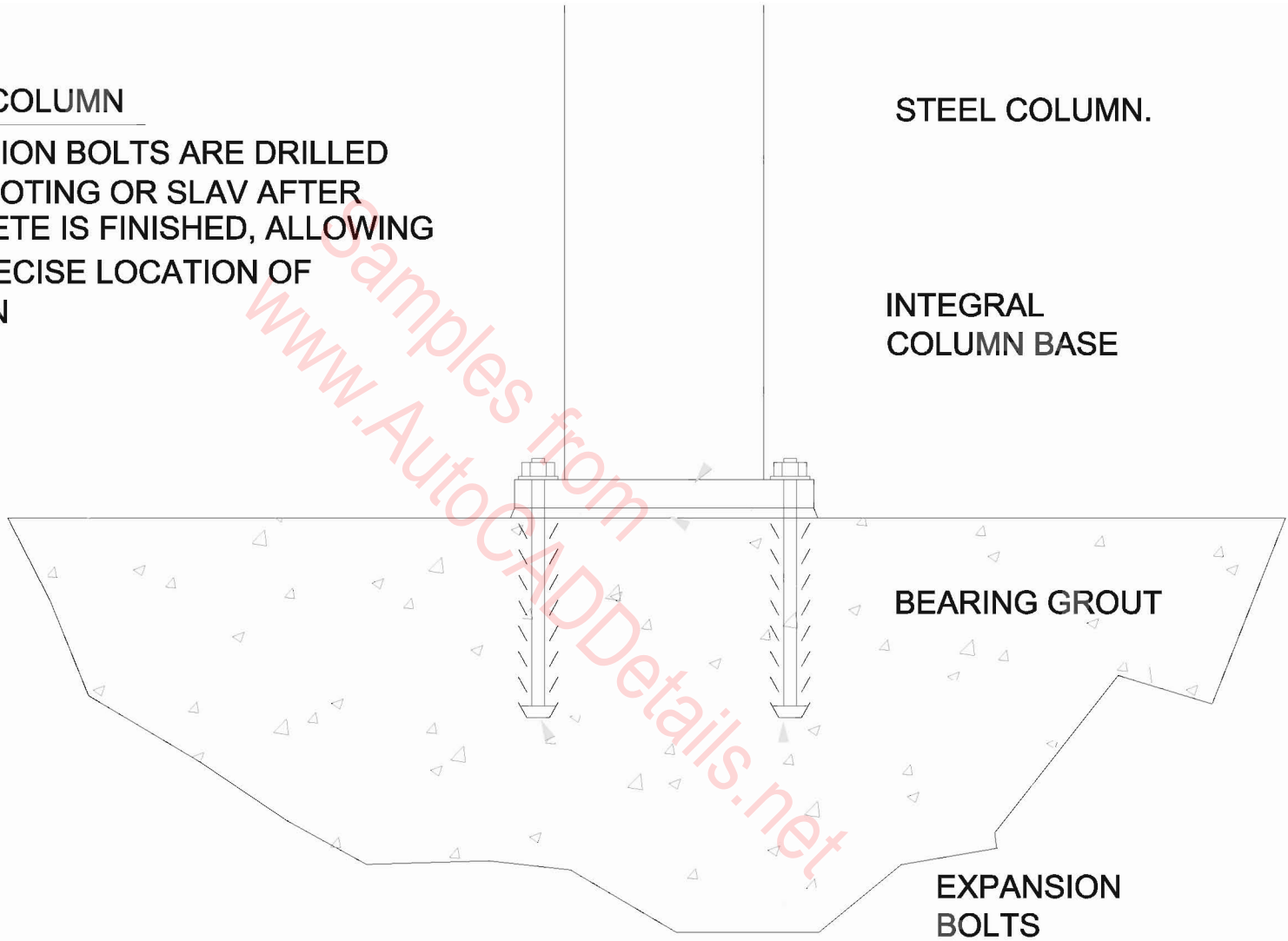


Samples from www.AutoCADDetails.net

STEEL COL. TO WOOD BEAM DETAIL

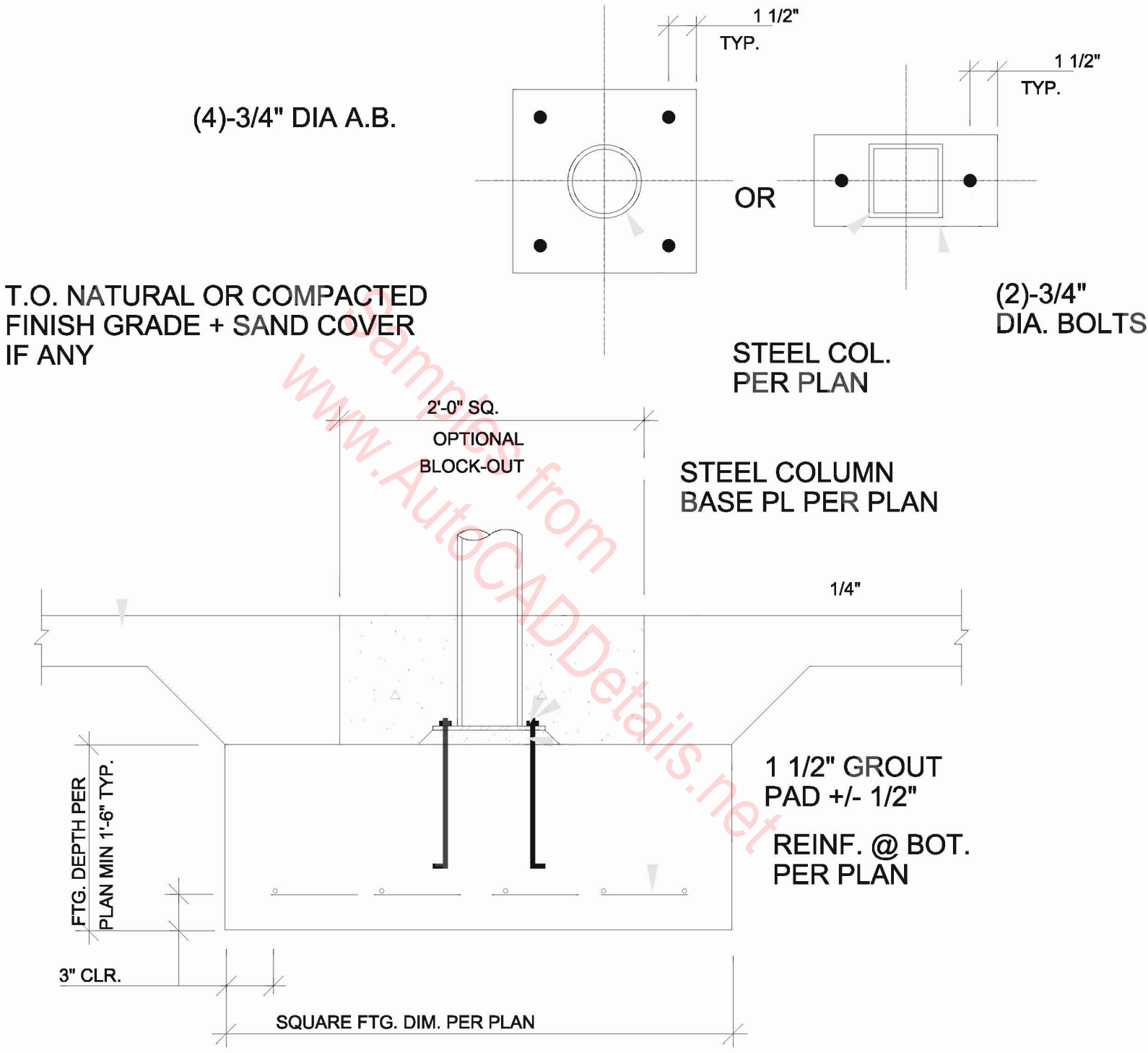
STEEL COLUMN

EXPANSION BOLTS ARE DRILLED INTO FOOTING OR SLAV AFTER CONCRETE IS FINISHED, ALLOWING FOR PRECISE LOCATION OF COLUMN



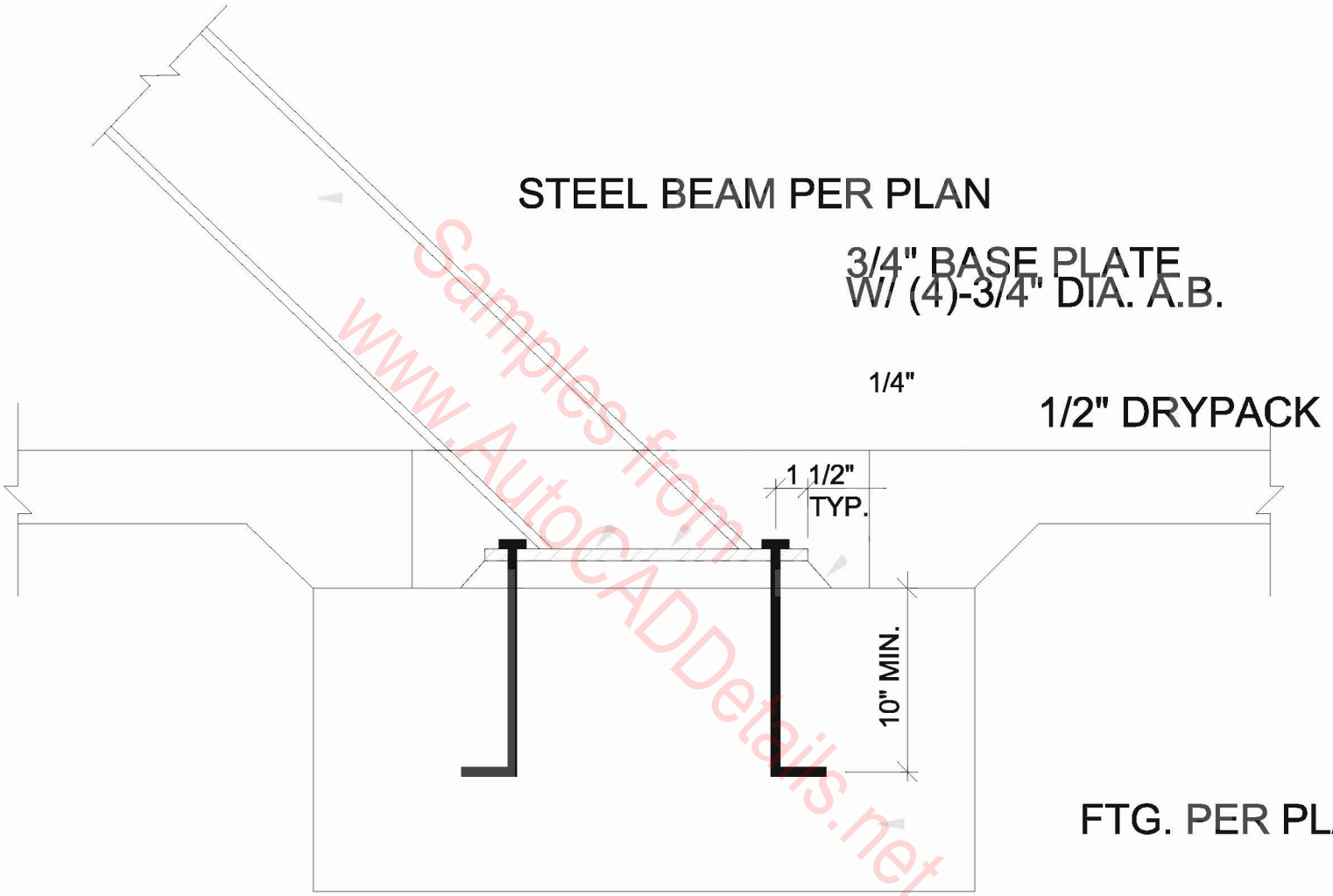
Samples from
www.AutoCADDetails.net

STEEL COLUMN BASE



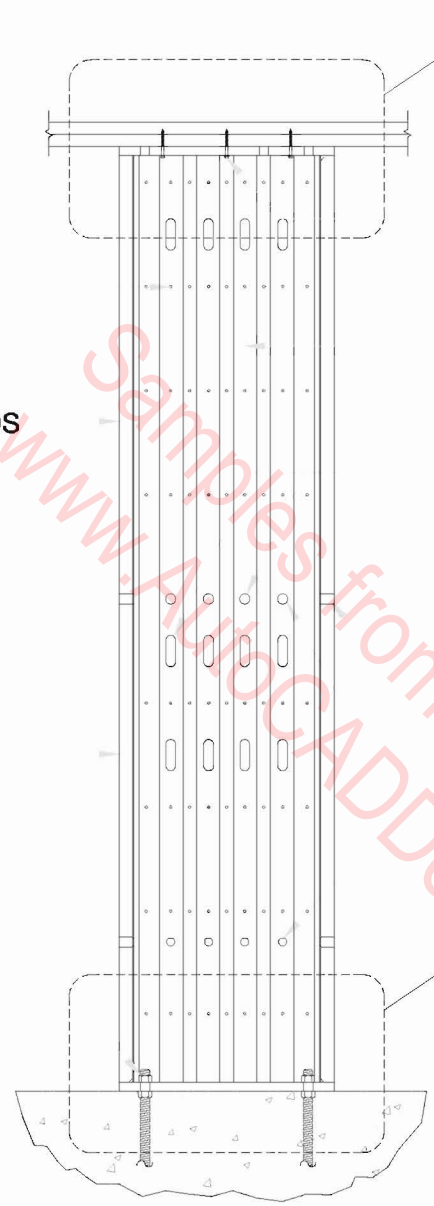
Samples from www.AutoCADDetails.net

STEEL COLUMN TO FOUNDATION (SCF)



Samples from
www.AutoCADDetails.net

STEEL STAIR TO FOUNDATION



1/4" HOLES TO ATTACH OPTIONAL BLOCKING OR FRAMING

PRE-ATTACHED WOOD STUDS

ADDITIONAL 1-1/8" DIAMETER HOLES MAY BE DRILLED THRU WOOD STUDS AT ANY LOCATION MATCHING A HOLE IN STEEL PANEL FLANGE

PLACE SSW PANEL OVER THE ANCHOR BOLTS AND AND SECURE WITH HEAVY HEX NUTS. (PROVIDED)

ATTACH TO HEADER OR TO TOP PLATES WITH SDS¼ x 3½ SCREWS (PROVIDED)

STEEL PANEL

PREFABRICATED HOLES IN STEEL PANEL. (VARY WITH EACH MODEL) ADDITIONAL CUTTING OF STEEL WALL OR ENLARGING OF EXISTING HOLES NOT PERMITTED.

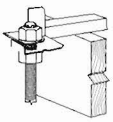
HOLES PREDRILLED IN STUDS AT 4 LOCATIONS FOR WIRING.

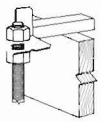
ELECTRICAL BUSHINGS ADDED AT ALL ROUND MECHANICAL HOLES.

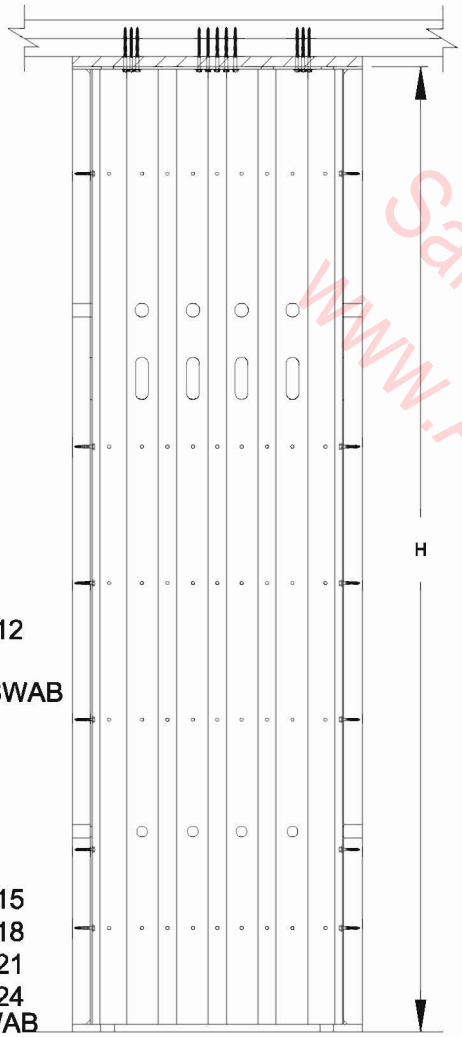
ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.

STEEL STRONG-WALL

Samples from www.AutoCADDetails.net



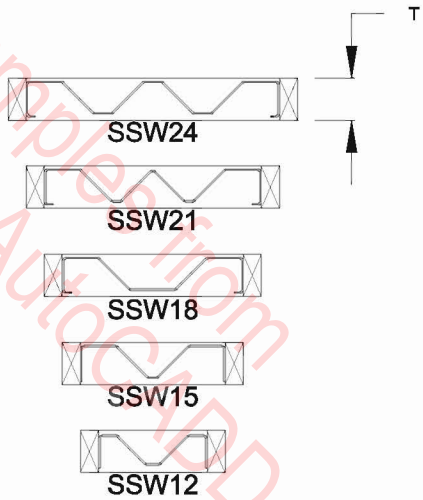




SSWTPF12

(2) 3/4" SSWAB

SSWTPF15
SSWTPF18
SSWTPF21
SSWTPF24
(2) 1" SSWAB



WALL PROFILES

STEEL STRONG-WALL MODELS

MODEL NO.	W (in)	H (in)	T (in)	HOLDOWN ANCHOR BOLTS	QTY. OF TOP OF WALL SCREWS[1]
SSW12x7	12	80	3 1/2	(2) 3/4" H.S.	4
SSW12x8	12	93 1/4	3 1/2	(2) 3/4" H.S.	4
SSW12x9	12	105 1/4	3 1/2	(2) 3/4" H.S.	4
SSW12x10	12	117 1/4	3 1/2	(2) 3/4" H.S.	4
SSW15x7	15	80	3 1/2	(2) 1" H.S.	6
SSW15x8	15	93 1/4	3 1/2	(2) 1" H.S.	6
SSW15x9	15	105 1/4	3 1/2	(2) 1" H.S.	6
SSW15x10	15	117 1/4	3 1/2	(2) 1" H.S.	6
SSW15x11	15	129 1/4	5 1/2	(2) 1" H.S.	6
SSW15x12	15	141 1/4	5 1/2	(2) 1" H.S.	6
SSW18x7	18	80	3 1/2	(2) 1" H.S.	8
SSW18x8	18	93 1/4	3 1/2	(2) 1" H.S.	8
SSW18x9	18	105 1/4	3 1/2	(2) 1" H.S.	8
SSW18x10	18	117 1/4	3 1/2	(2) 1" H.S.	8
SSW18x11	18	129 1/4	5 1/2	(2) 1" H.S.	8
SSW18x12	18	141 1/4	5 1/2	(2) 1" H.S.	8
SSW18x13	18	153 1/4	5 1/2	(2) 1" H.S.	8
SSW21x7	21	80	3 1/2	(2) 1" H.S.	11
SSW21x8	21	93 1/4	3 1/2	(2) 1" H.S.	11
SSW21x9	21	105 1/4	3 1/2	(2) 1" H.S.	11
SSW21x10	21	117 1/4	3 1/2	(2) 1" H.S.	11
SSW21x11	21	129 1/4	5 1/2	(2) 1" H.S.	11
SSW21x12	21	141 1/4	5 1/2	(2) 1" H.S.	11
SSW21x13	21	153 1/4	5 1/2	(2) 1" H.S.	11
SSW24x7	24	80	3 1/2	(2) 1" H.S.	14
SSW24x8	24	93 1/4	3 1/2	(2) 1" H.S.	14
SSW24x9	24	105 1/4	3 1/2	(2) 1" H.S.	14
SSW24x10	24	117 1/4	3 1/2	(2) 1" H.S.	14
SSW24x11	24	129 1/4	5 1/2	(2) 1" H.S.	14
SSW24x12	24	141 1/4	5 1/2	(2) 1" H.S.	14
SSW24x13	24	153 1/4	5 1/2	(2) 1" H.S.	14

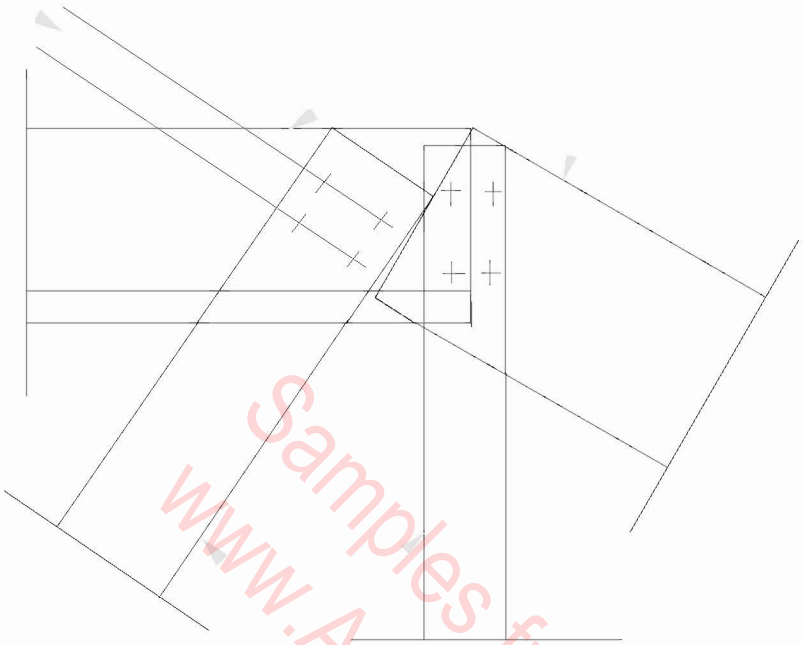
1. SDS¼ x 3½ SCREWS PROVIDED WITH WALL

Samples from www.AutoCADDetails.net

STEEL STRONG-WALL SPECIFICATIONS & WALL PROFILES

5/8"
Min
(TYP)

Top
Chord
Member



NOTE:
For truss
member cross
section

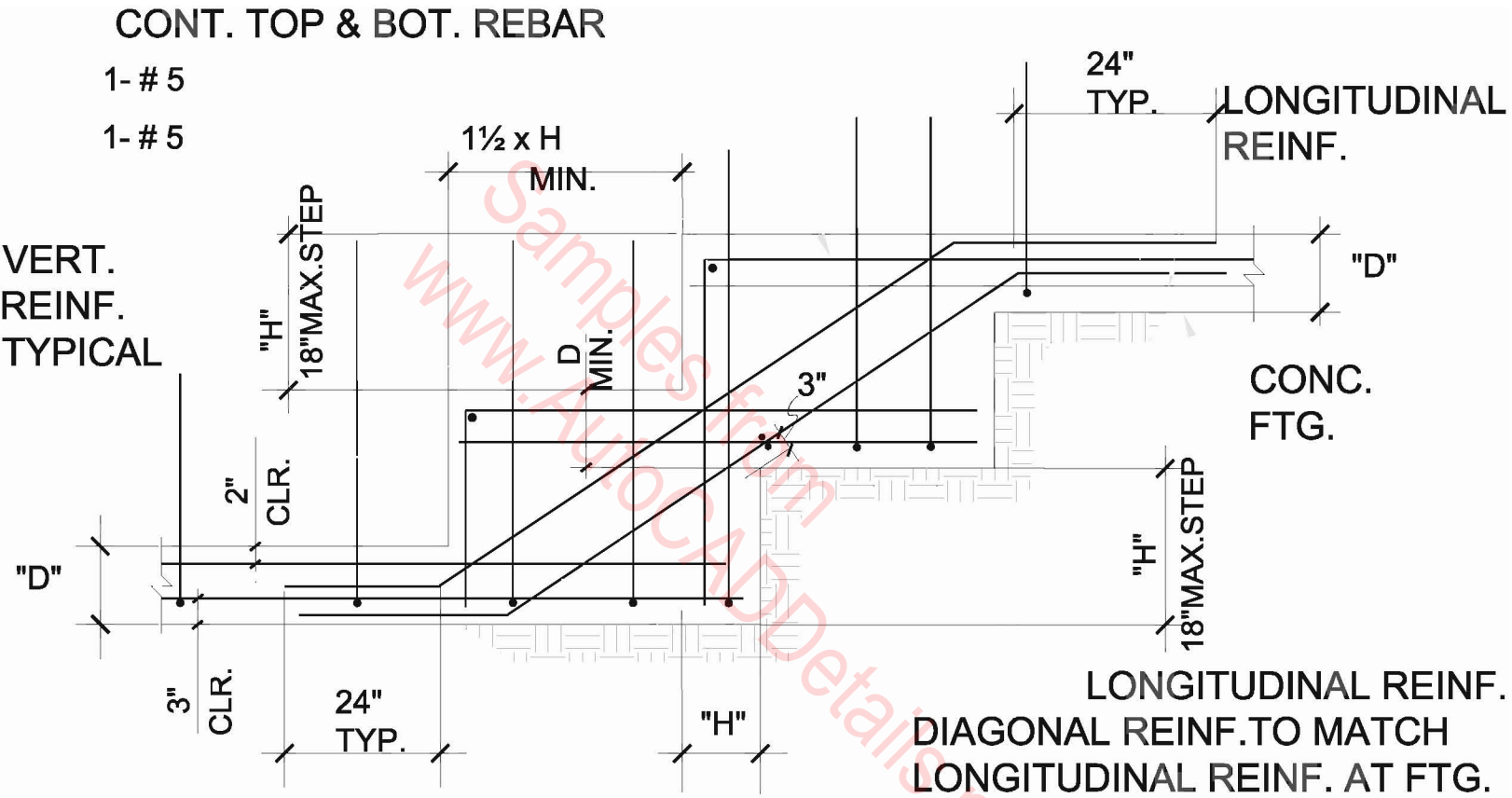
Web
Member

DETAIL AT TOP
CHORD

Samples from
www.AutoCADDetails.net

NOTE: Gusset plate may not be req'd if calculated number of screws can be directly applied to all joined webs through chord members

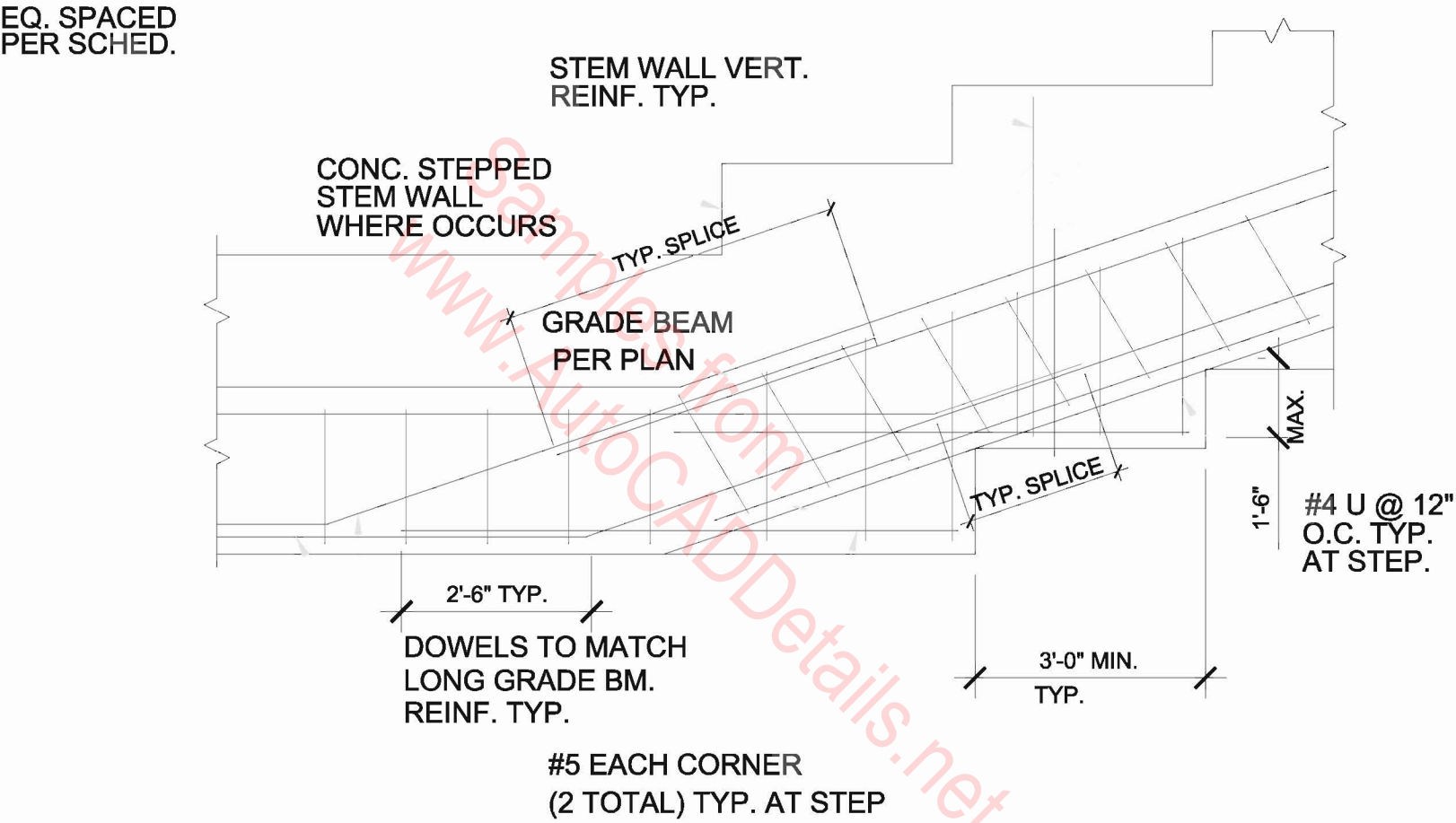
STEP DOWN TOP CHORD DETAIL



Samples from www.AutoCADDetails.net

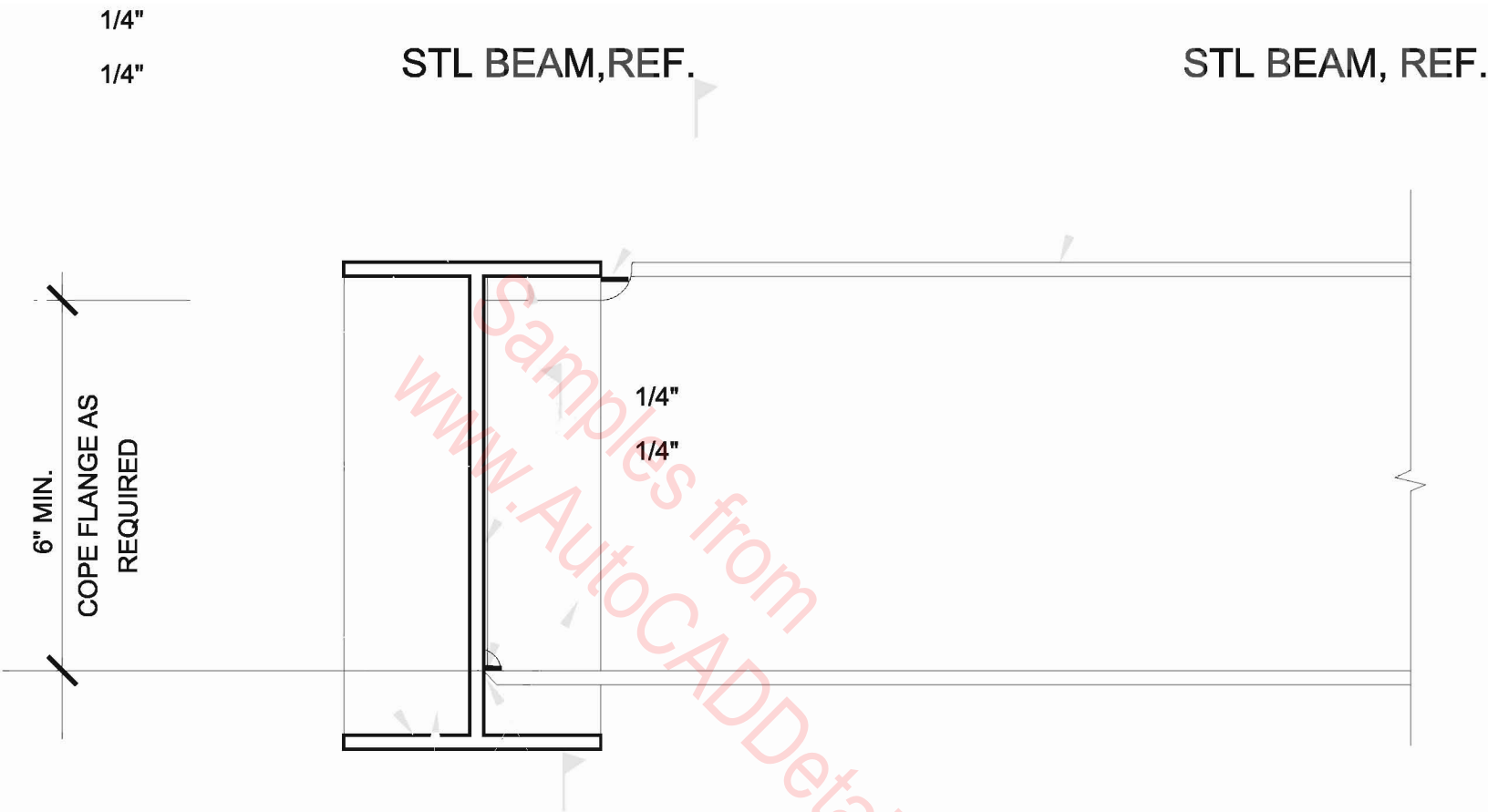
STEP FOOTING

SEE DET. 1 & 2 ON SHEET
S-7 FOR RET. WALL INFO.



samples from www.AutoCADDetails.net

STEPPED GRADE BEAM



3/8" THICK
STIFF. PL.

Samples from www.AutoCADDetails.net

BALANCE OF INFO NOT SHOWN FOR CLARITY

STL BEAM -STL BEAM

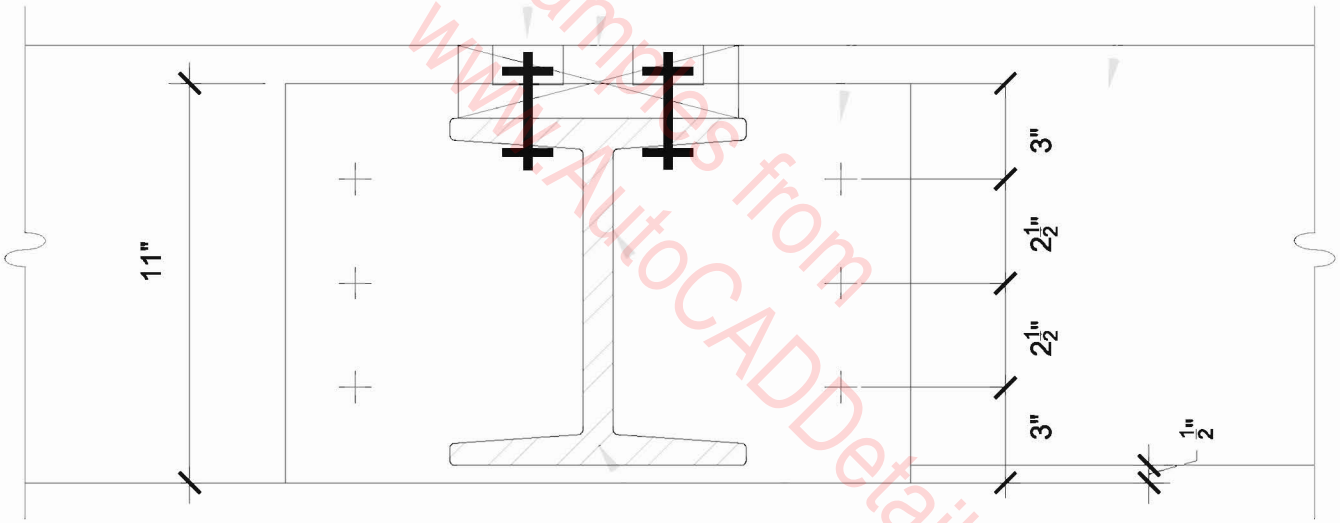
3x NAILER, REF. TRIM FLUSH
W/ TOP OF WOOD BEAM.

5/8" Ø MB W/WASHER
& NUT @ 18" O.C., STAGG'D
COUNTERSUNK

3/8" x 16" x 11"
END PL W/ 6- 5/8"Ø x 4" LAG
SCREWS (ORE-DRILL REQ'D)

WOOD BEAM, REF.

Samples from
www.AutoCADDetails.net



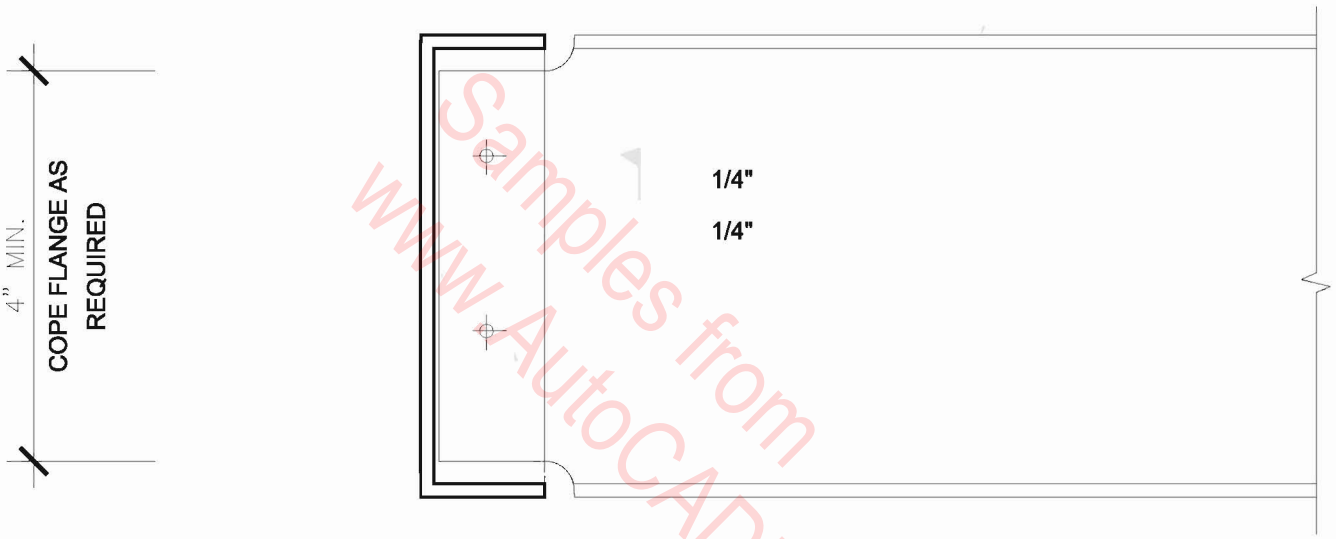
1/4"

STL BEAM,REF.

STL BEAM TO WD BEAM CONNECTION

STL BEAM, REF.

STL BEAM(W OR C), REF.



Samples from www.AutoCADDetails.net

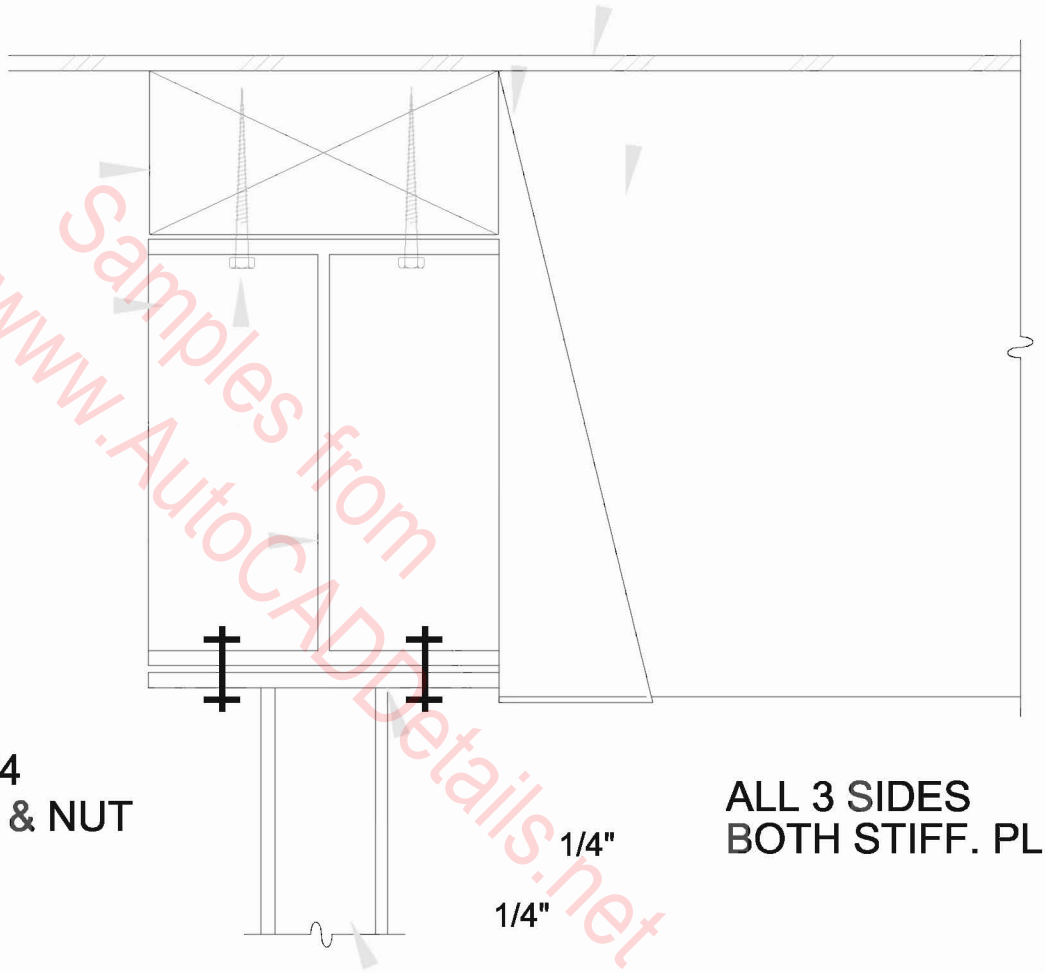
BALANCE OF INFO NOT SHOWN FOR CLARITY

STL BEAM - STL BEAM DETAIL

U212

(E) FLOOR SHEATHING

(N) 2x12 F.J.



2x NAILER

3/8" THK. STIFFNER PLATE, BOTH SIDES

1/4"Øx4" LAG SCREWS @ 12" O.C., STAGG'D

(N) STEEL BEAM, REF.

1/2" THK. ST. PLATE w/4 3/4"Ø M.B. w/ WASHER & NUT

1/4"

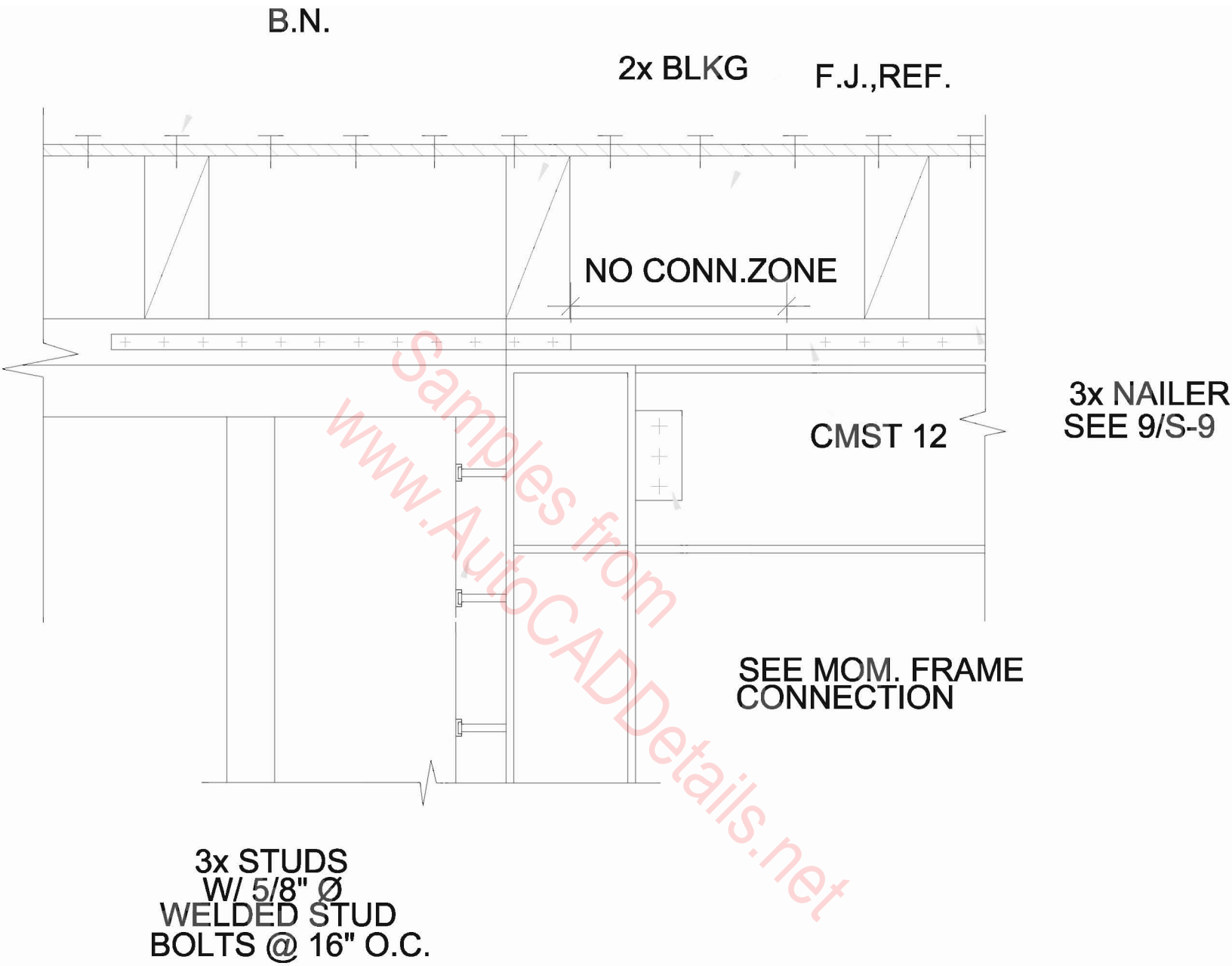
1/4"

ALL 3 SIDES BOTH STIFF. PL.

P4.0 XSTRONG

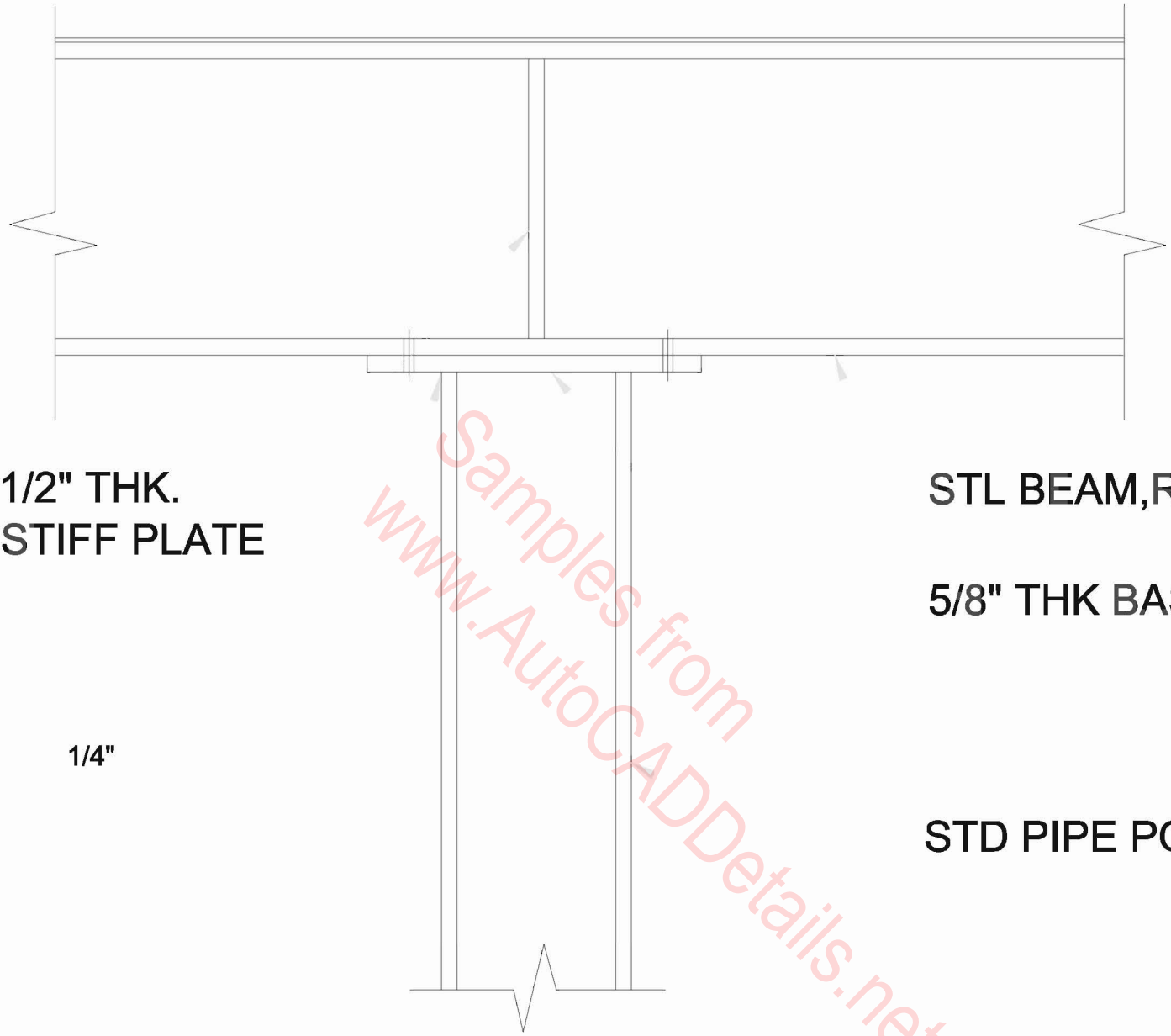
Samples from www.AutoCADDetails.net

STL BEAM-WD BEAM CONN.DETAIL



Samples from
www.AutoCADDetails.net

STL FRAME -P/W S/W DETAIL



1/2" THK.
STIFF PLATE

1/4"

STL BEAM,REF.

5/8" THK BASE PLATE

STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

STL POST STL BEAM DETAIL

1/2" THK.
STIFF PLATE

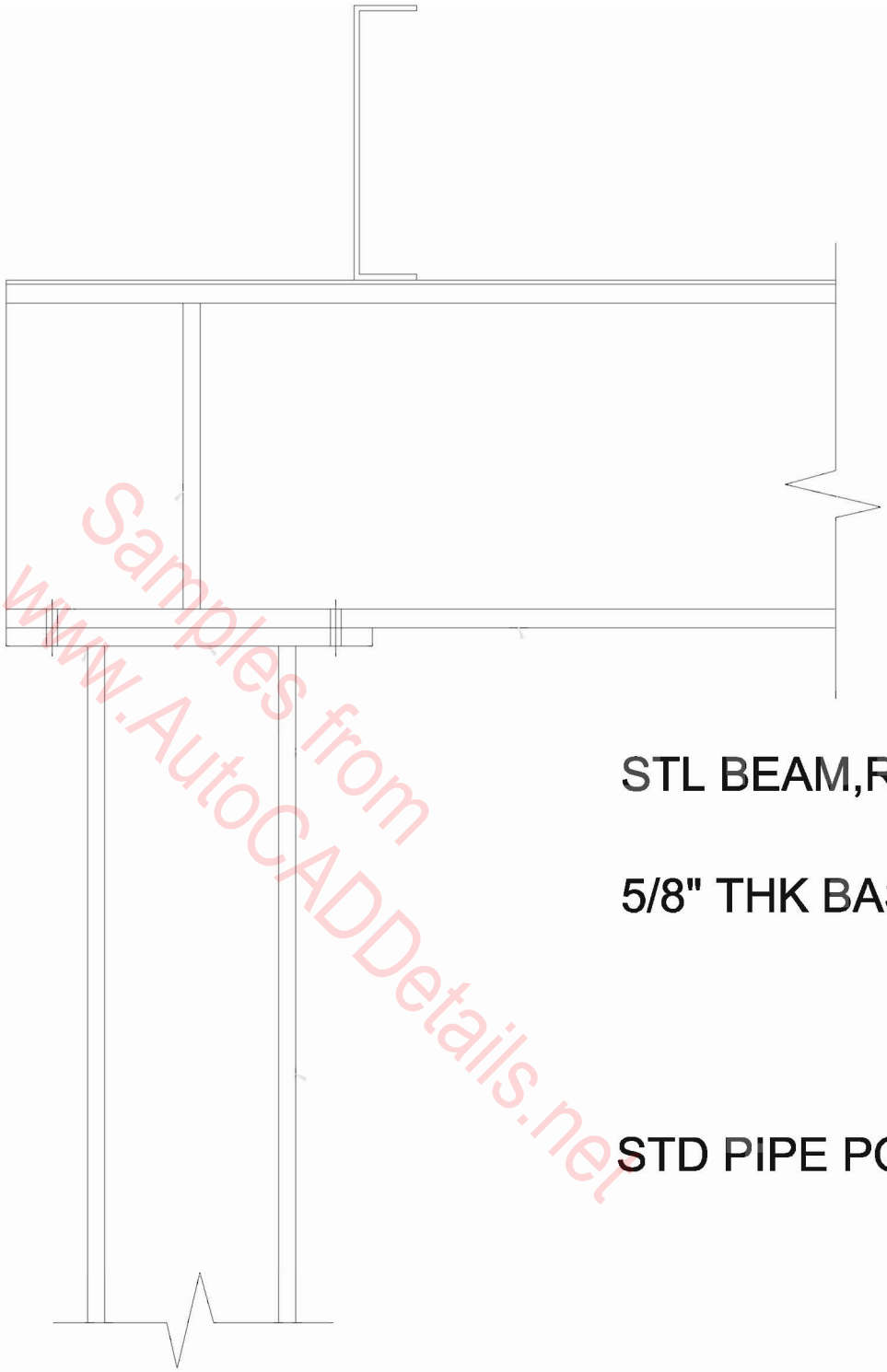
W10X STEEL BEAM,REF.

5/8" THK BASE PLATE

STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

STL POST STL BEAM DETAIL



1/2" THK.
STIFF PLATE

1/4"

STL BEAM,REF.

5/8" THK BASE PLATE

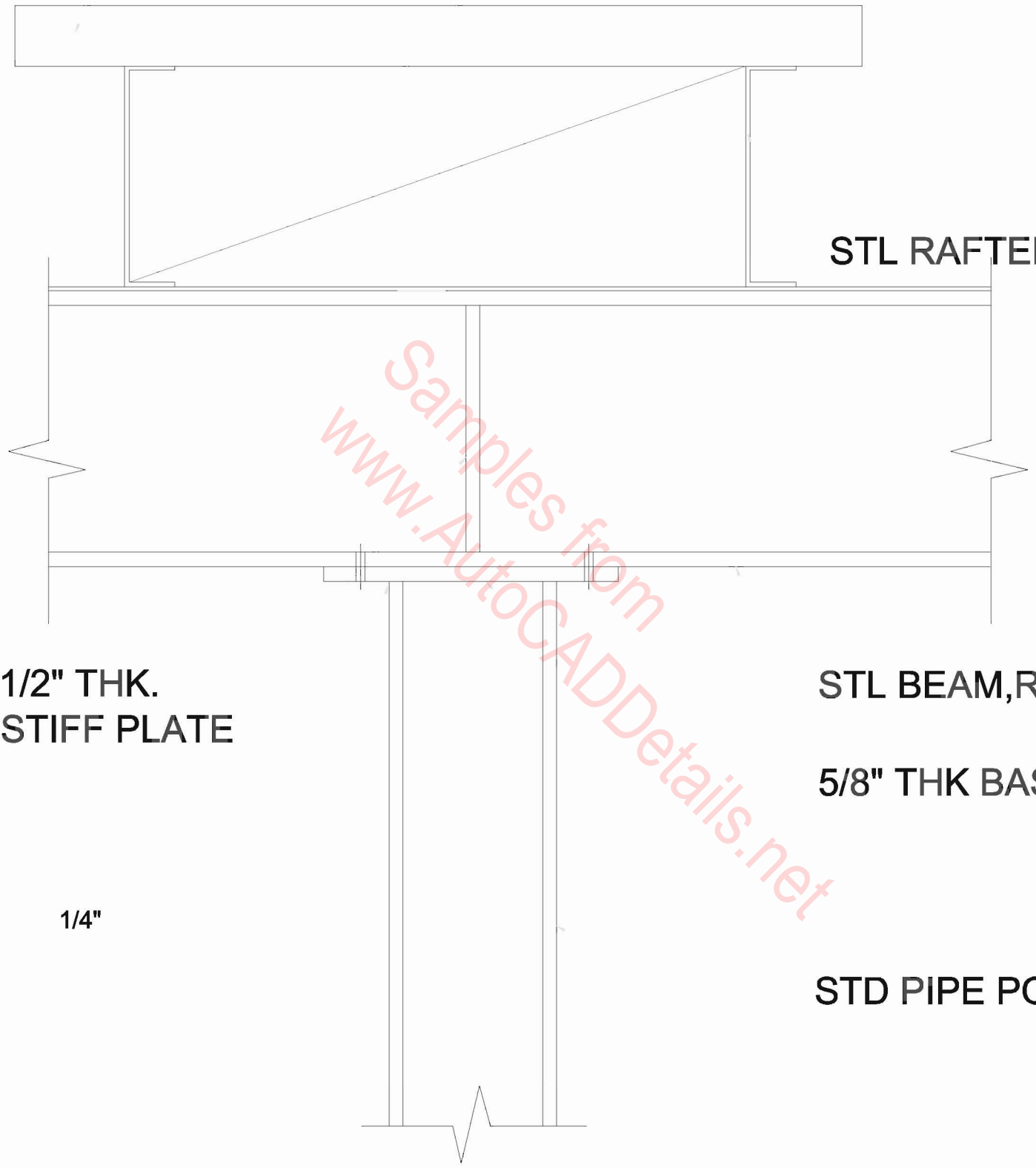
STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

STL POST STL BEAM DETAIL

STL DECK ROOF,REF.

STL CHAN.BLOCKING



STL RAFTER,REF.

1/2" THK.
STIFF PLATE

STL BEAM,REF.

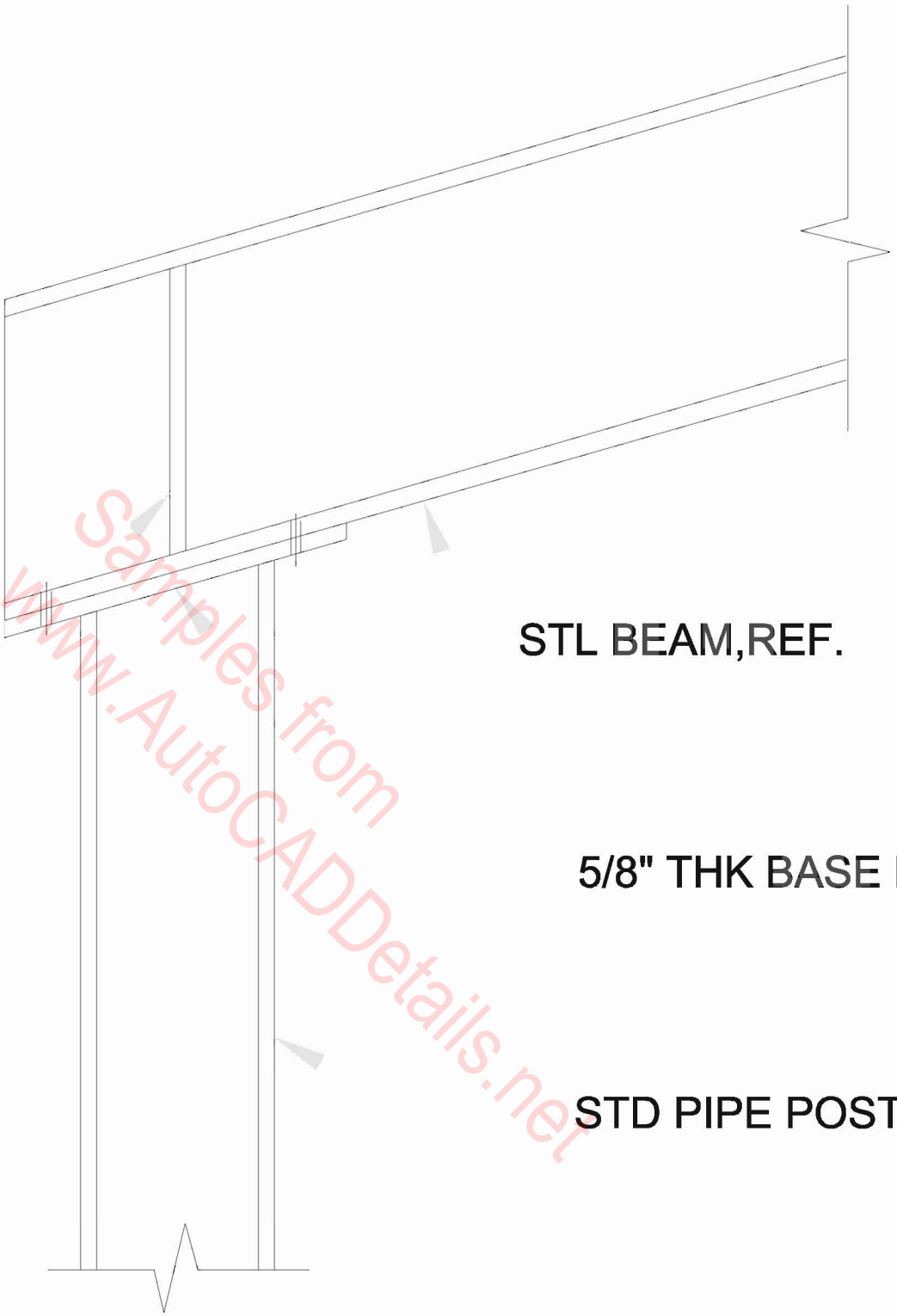
5/8" THK BASE PLATE

1/4"

STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

STL POST STL BEAM DETAIL



STL BEAM,REF.

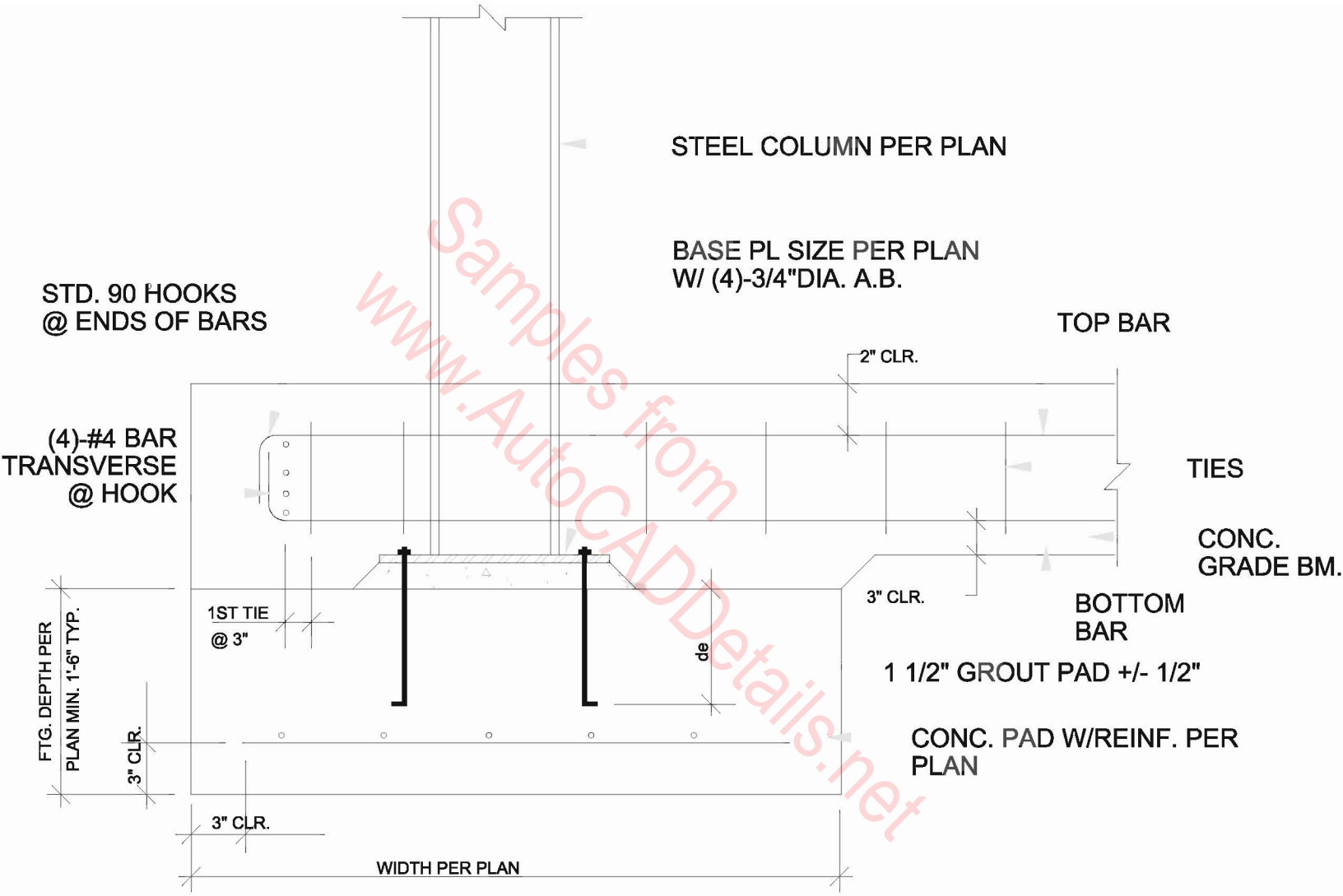
1/2" THK.
STIFF PLATE

5/8" THK BASE PLATE

STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

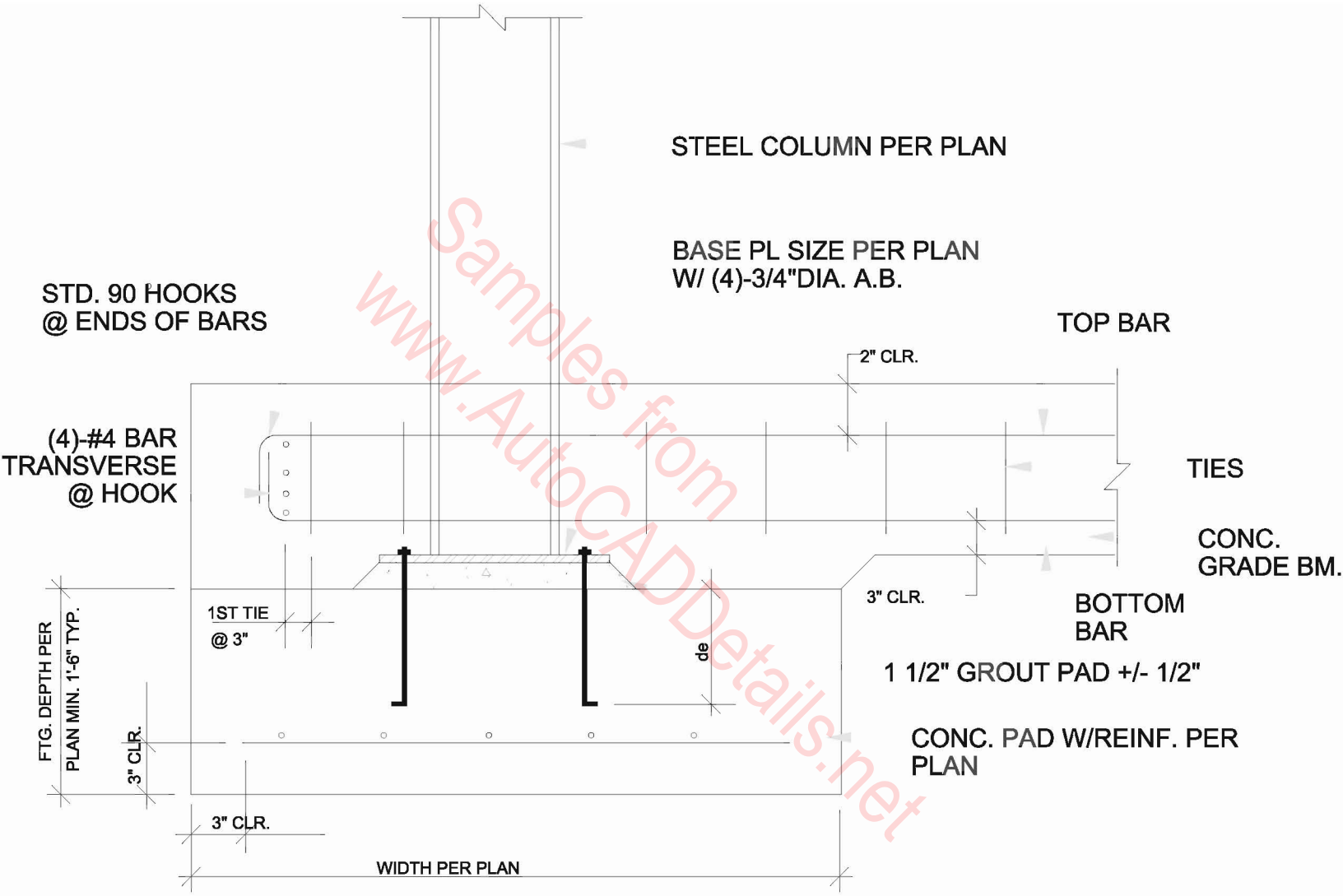
STL POST -BEAM DETAIL



Samples from www.AutoCADDetails.net

STL. COLUMN TO FOUNDATION @ END

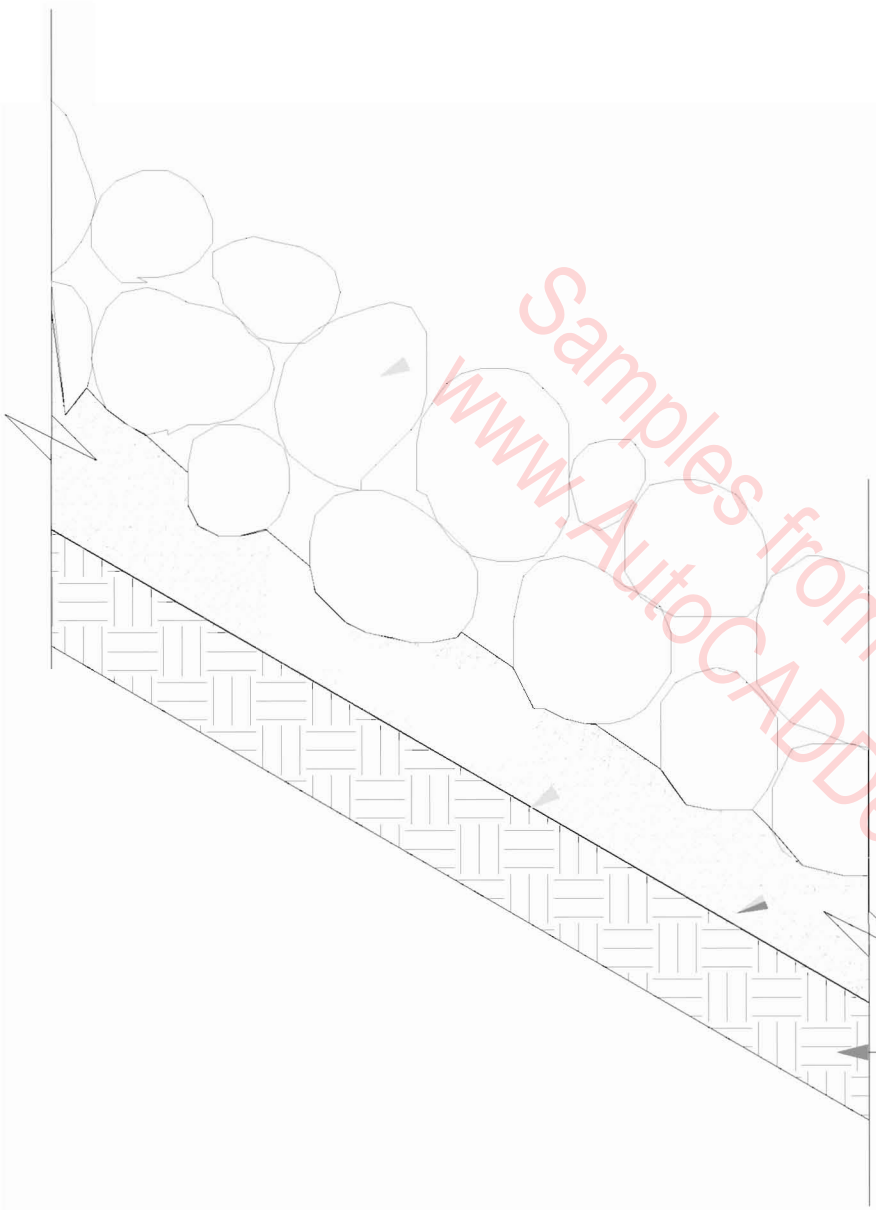
(SCF1)



Samples from www.AutoCADDetails.net

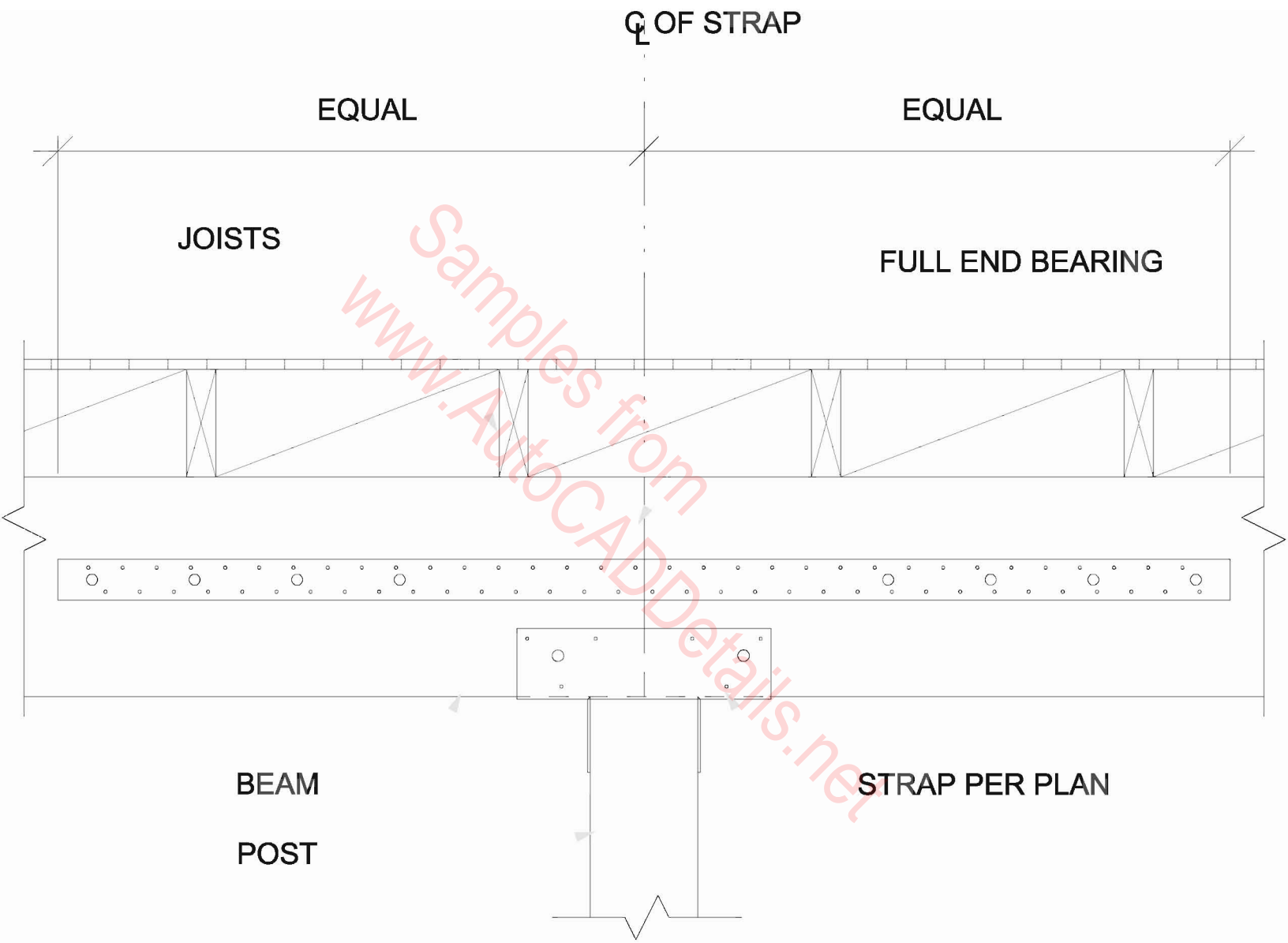
STL. COLUMN TO FOUNDATION @ END

(SCF1)



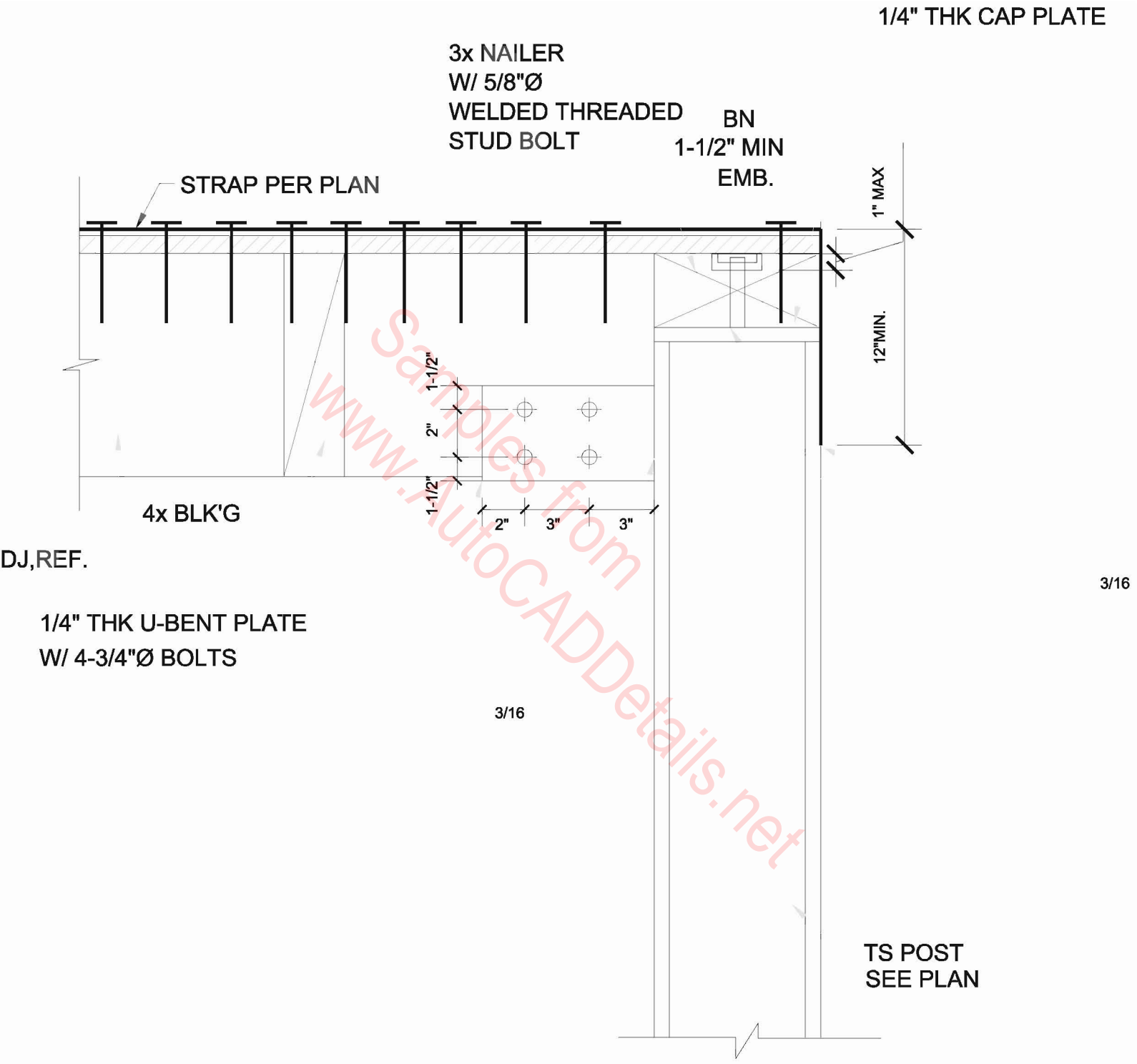
Samples from
www.AutoCADDetails.net

STONE EROSION CONTROL



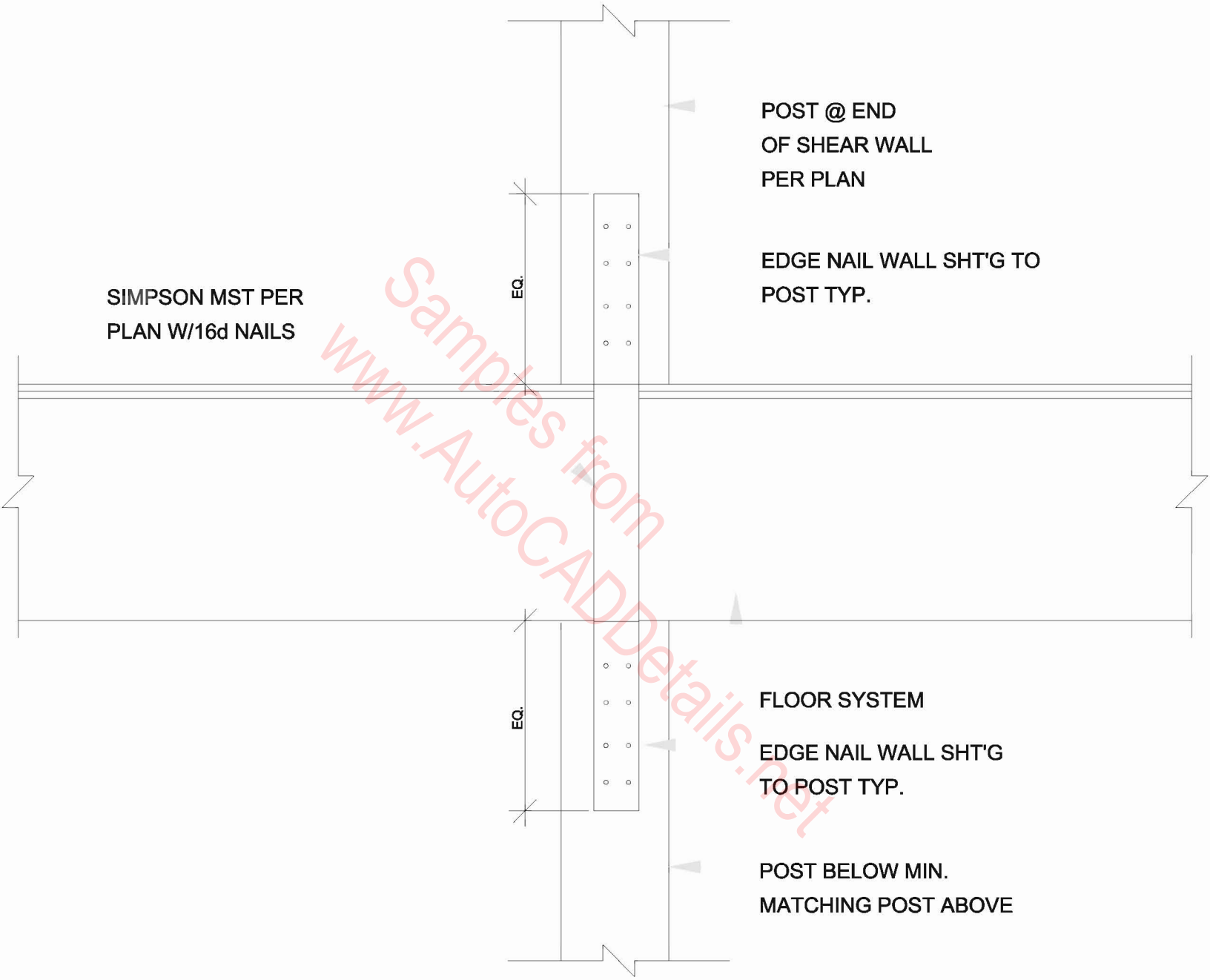
Samples from www.AutoCADDetails.net

Strap-Beam To Beam



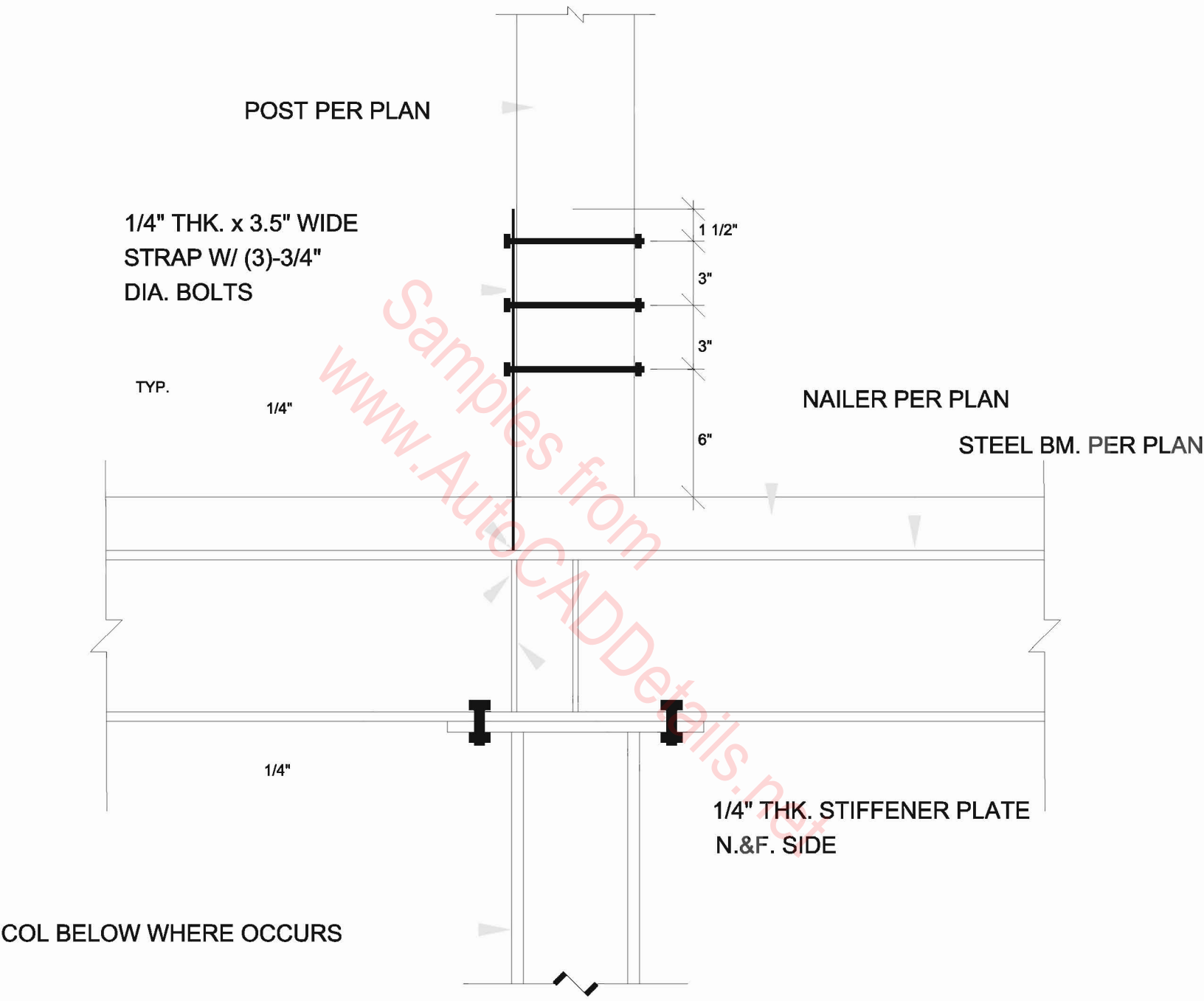
Samples from www.AutoCADDetails.net

STRAP BRACE @ TS POST/DECK JOIST



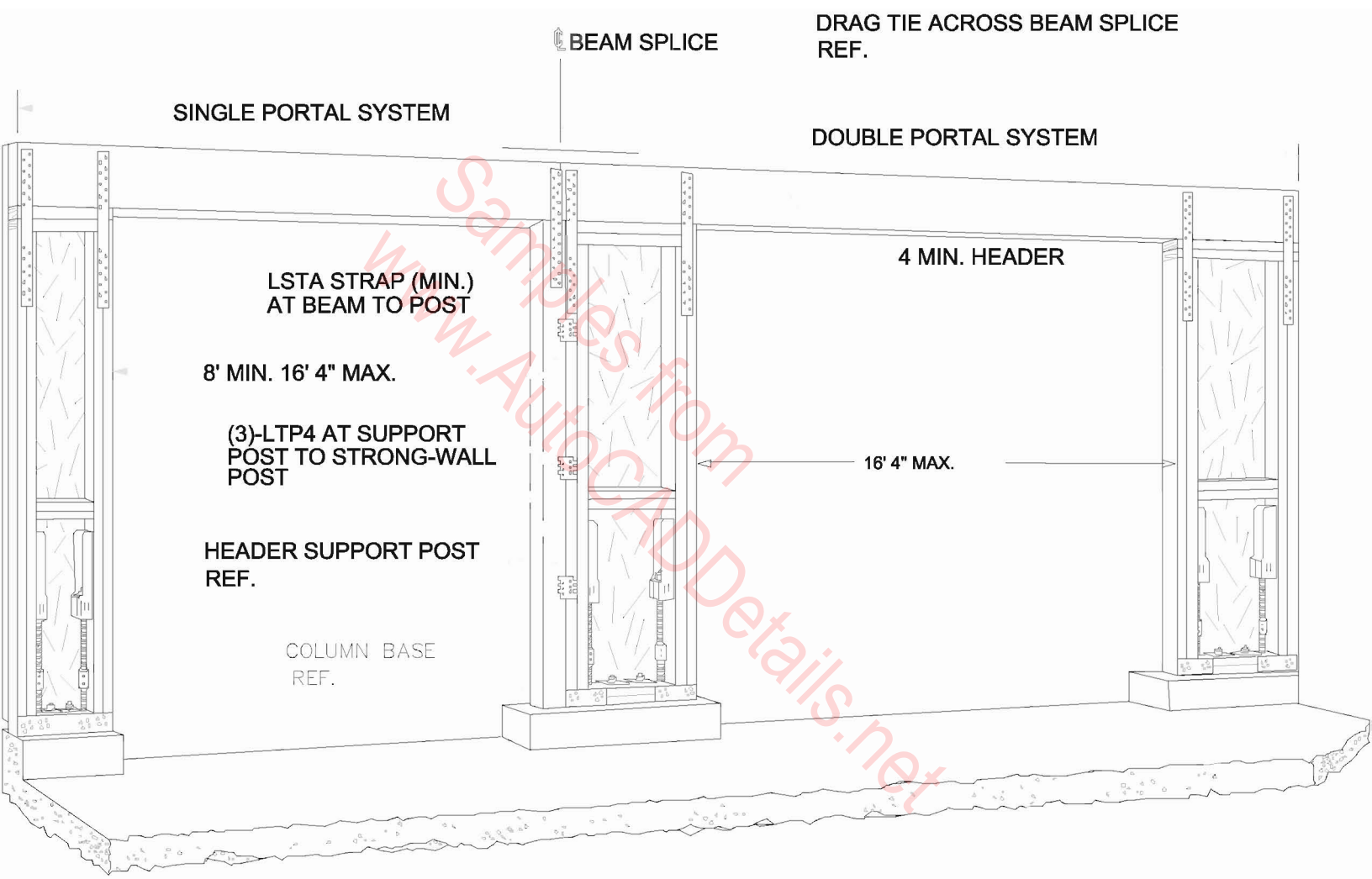
Samples from
www.AutoCADDetails.net

STRAP, HOLD DOWN DETAIL (SHD)



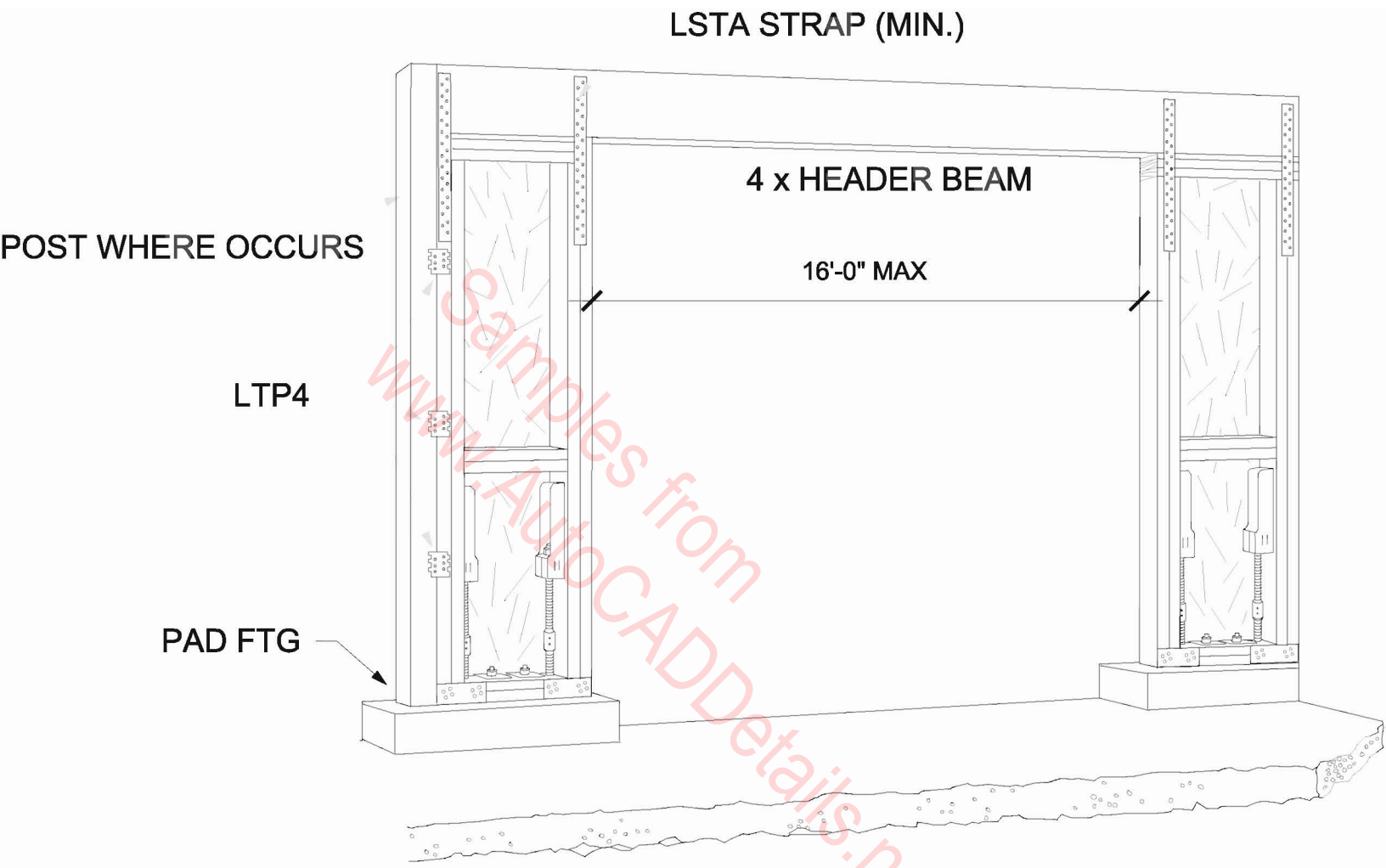
Samples from www.AutoCADDetails.net

STRAP TIE AT STEEL BEAM, SHD1



Samples from www.AutoCADDetails.net

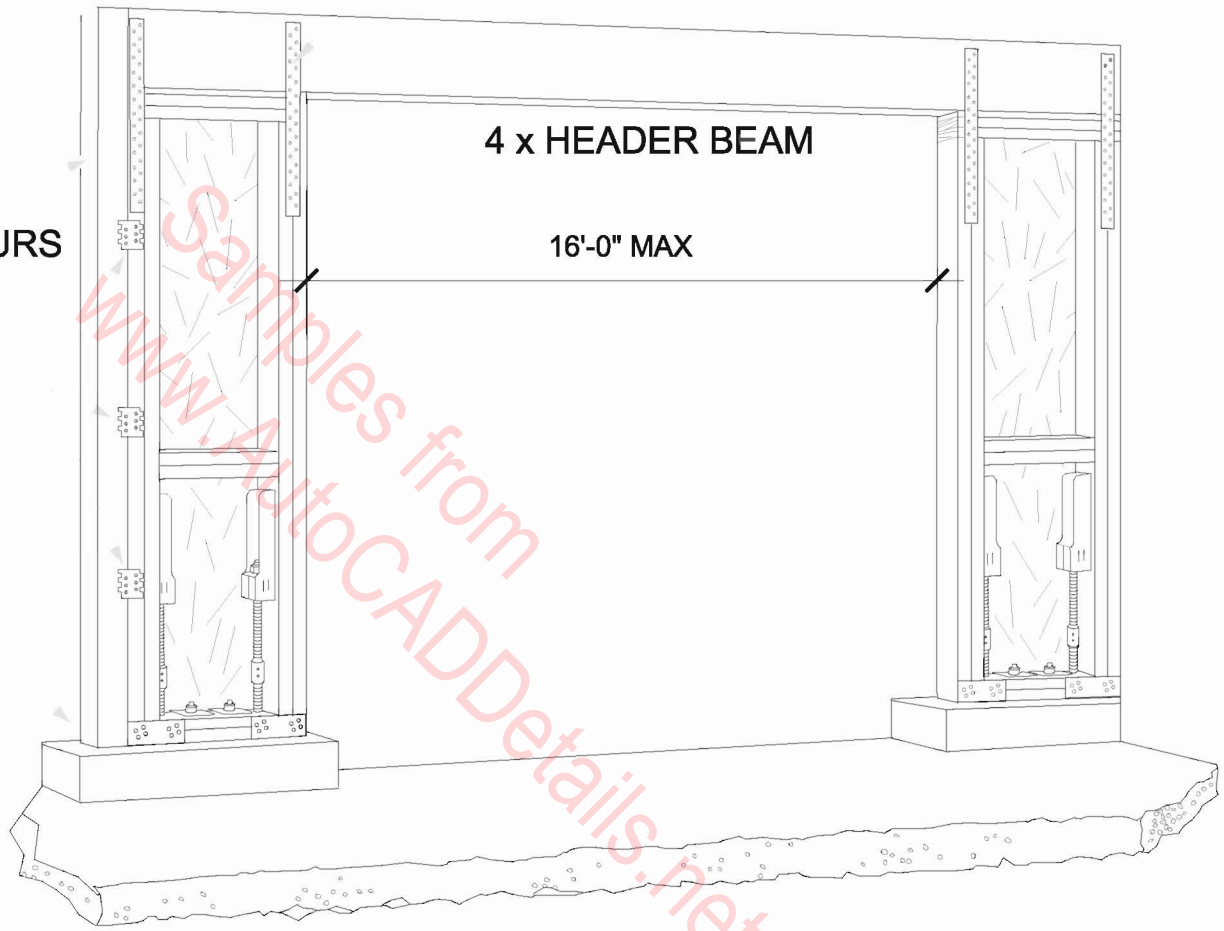
STRONG WALL DETAIL



Samples from www.AutoCADDetails.net

STRONG WALL DETAIL

SWMST STRAP W/10 d NAILS OR 16d SINKERS



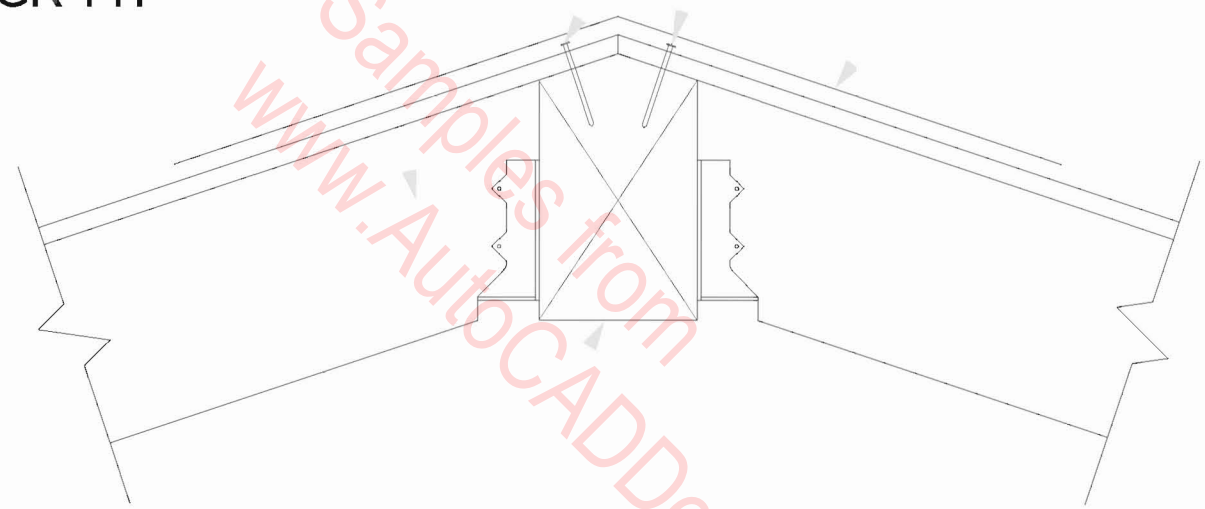
Samples from
www.AutoCADDetails.net

STRONG WALL ELEVATION

BN

JOIST PER PLAN
W/"U" HGR TYP

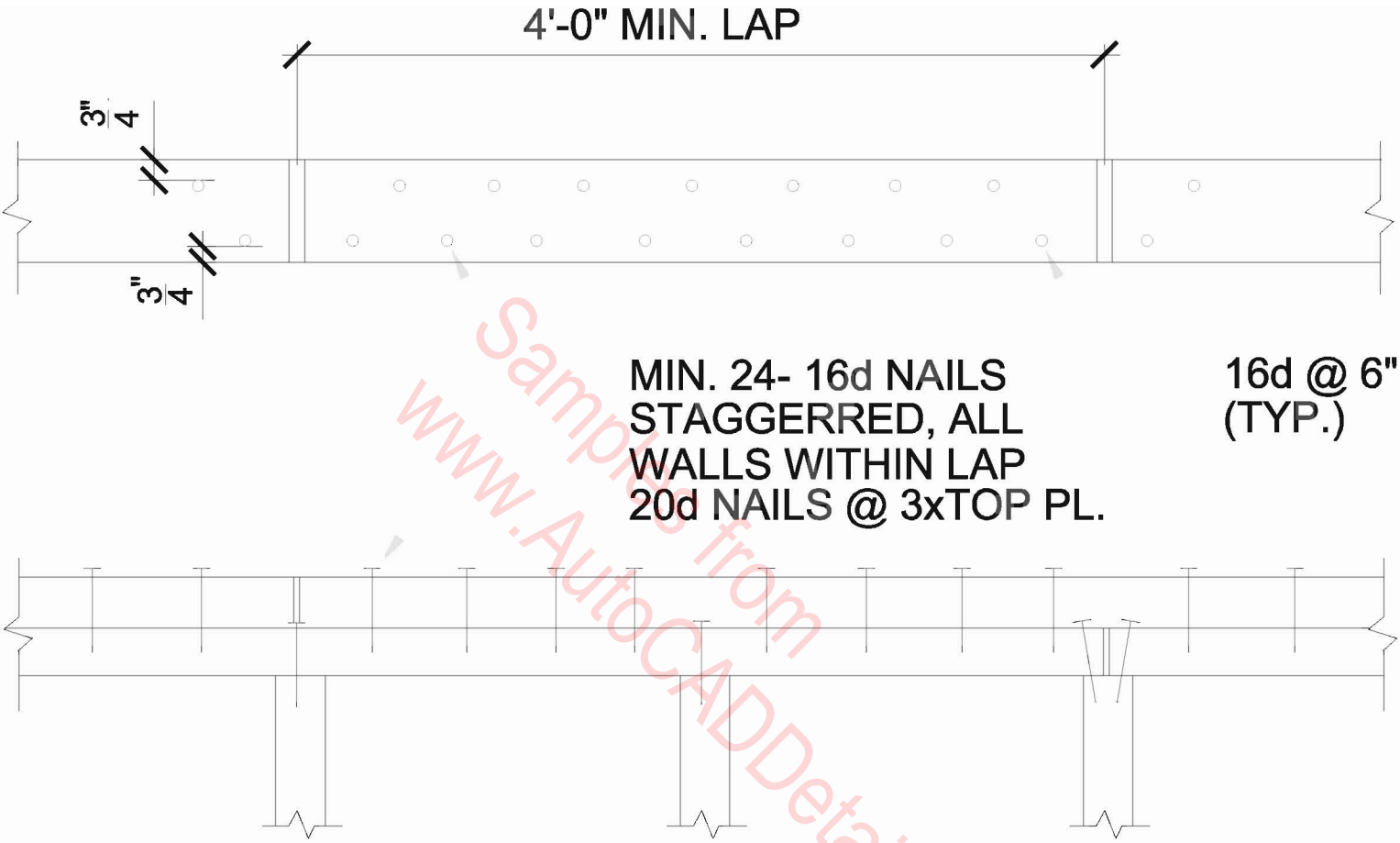
STRAP PER PLAN



SHAPED RIDGE BM
PER PLAN

Samples from
www.AutoCADDetails.net

Tie At Ridge Beam

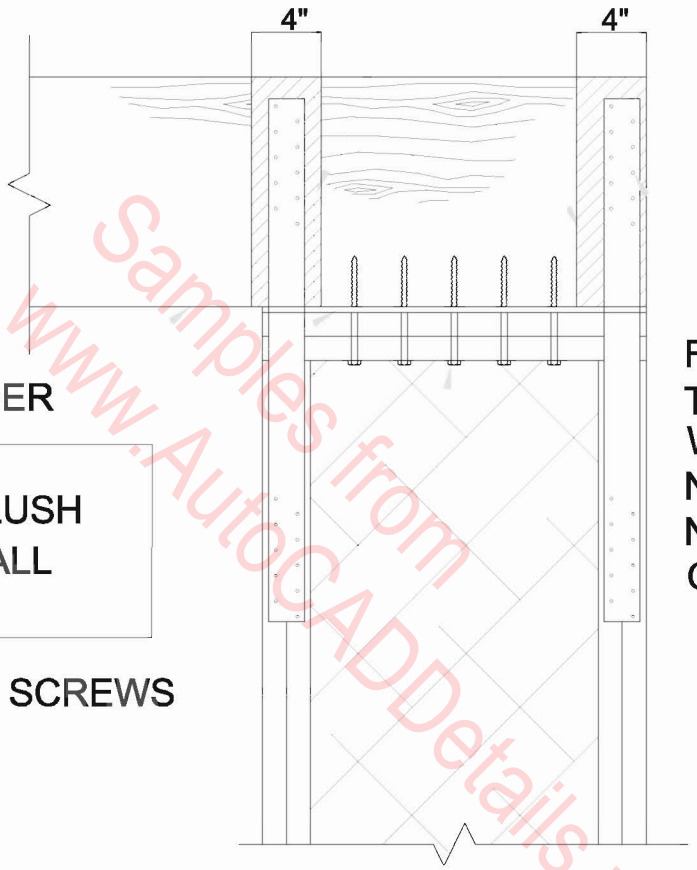


Samples from
www.AutoCADDetails.net

TOP CHORD SPLICE DETAIL

1/2" SHIM IS PROVIDED WITH WALL, BUT IS NOT REQUIRED

USE 3/8 PLYWOOD/OSB SHIM UNDER STRAP WHEN HEADER IS 3-1/8 GLB



HEADER

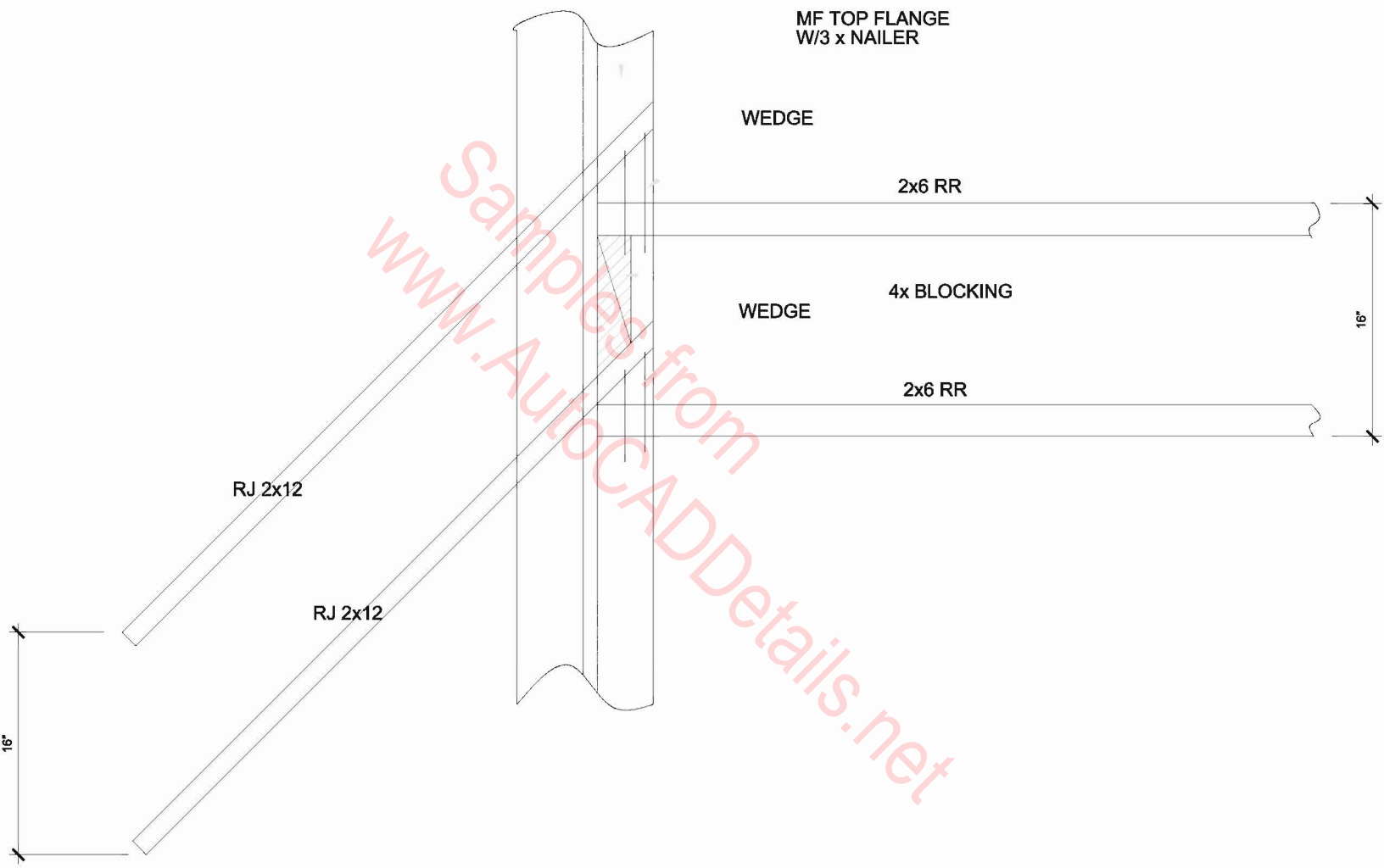
NOTE:
POSITION HEADER FLUSH AGAINST STRONG-WALL SHEATHING.

SDS 1/4" X 6" SCREWS

FIELD NAIL 10ga STRAP TO POST & HEADER WITH (10) 10d COMMON NAILS OR (10) 16d SINKER NAILS AT TOP AND BOTTOM OF EACH STRAP.

Samples from www.AutoCADDetails.net

TOP OF WALL CONNECTION



Samples from
www.AutoCADDetails.net

TOP VIEW

DBL. BARS REQ'D @
TOP & BOTT. OF WALL

8" CMU WALL SOLID
GROUTED f' =1,500 PSI

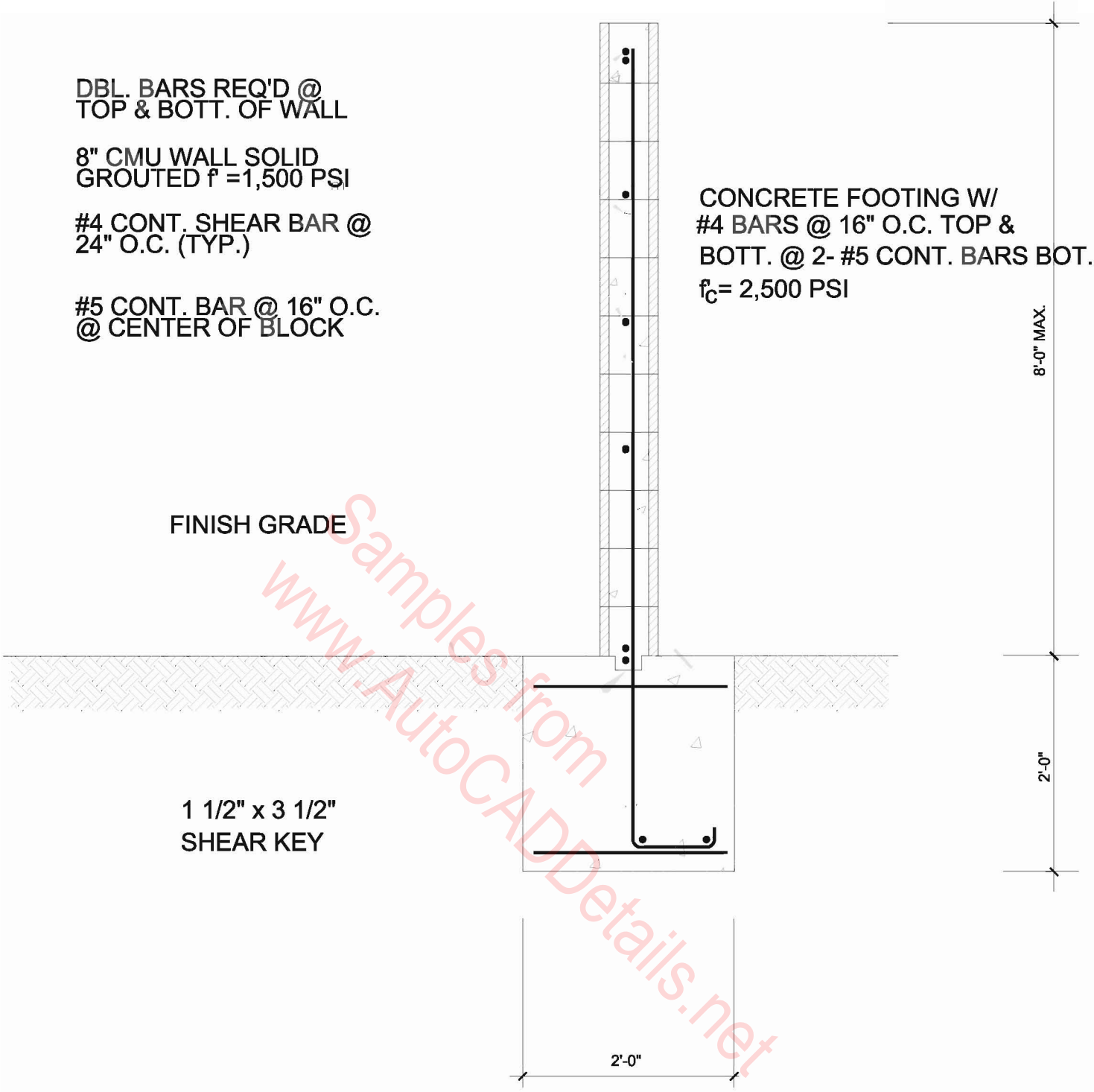
#4 CONT. SHEAR BAR @
24" O.C. (TYP.)

#5 CONT. BAR @ 16" O.C.
@ CENTER OF BLOCK

CONCRETE FOOTING W/
#4 BARS @ 16" O.C. TOP &
BOTT. @ 2- #5 CONT. BARS BOT.
f'_C= 2,500 PSI

FINISH GRADE

1 1/2" x 3 1/2"
SHEAR KEY



Samples from
www.AutoCADDetails.net

TRASH BIN FENCE WALL FTG DETAIL

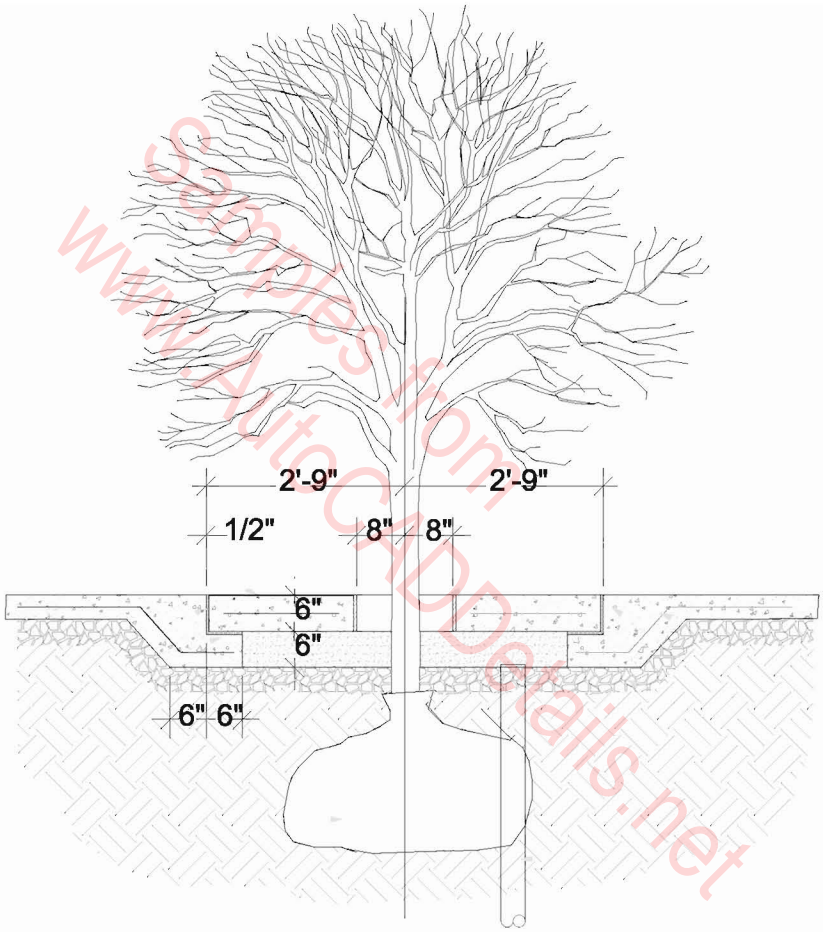
LIFT OFF SLAB W/ #4 R-BAR AT 12" O.C. EACH WAY

4" CONCRETE WALK WITH W.W.F.

JOINT FILLER

BOND BREAKER

TREE



1/4"x6" STL. PLATE W/ HEADED ANCHOR STUDS AT 4" O.C. (GALVANIZED)

#4 R-BAR AT 24" O.C. 2'-6" MIN. LENGTH

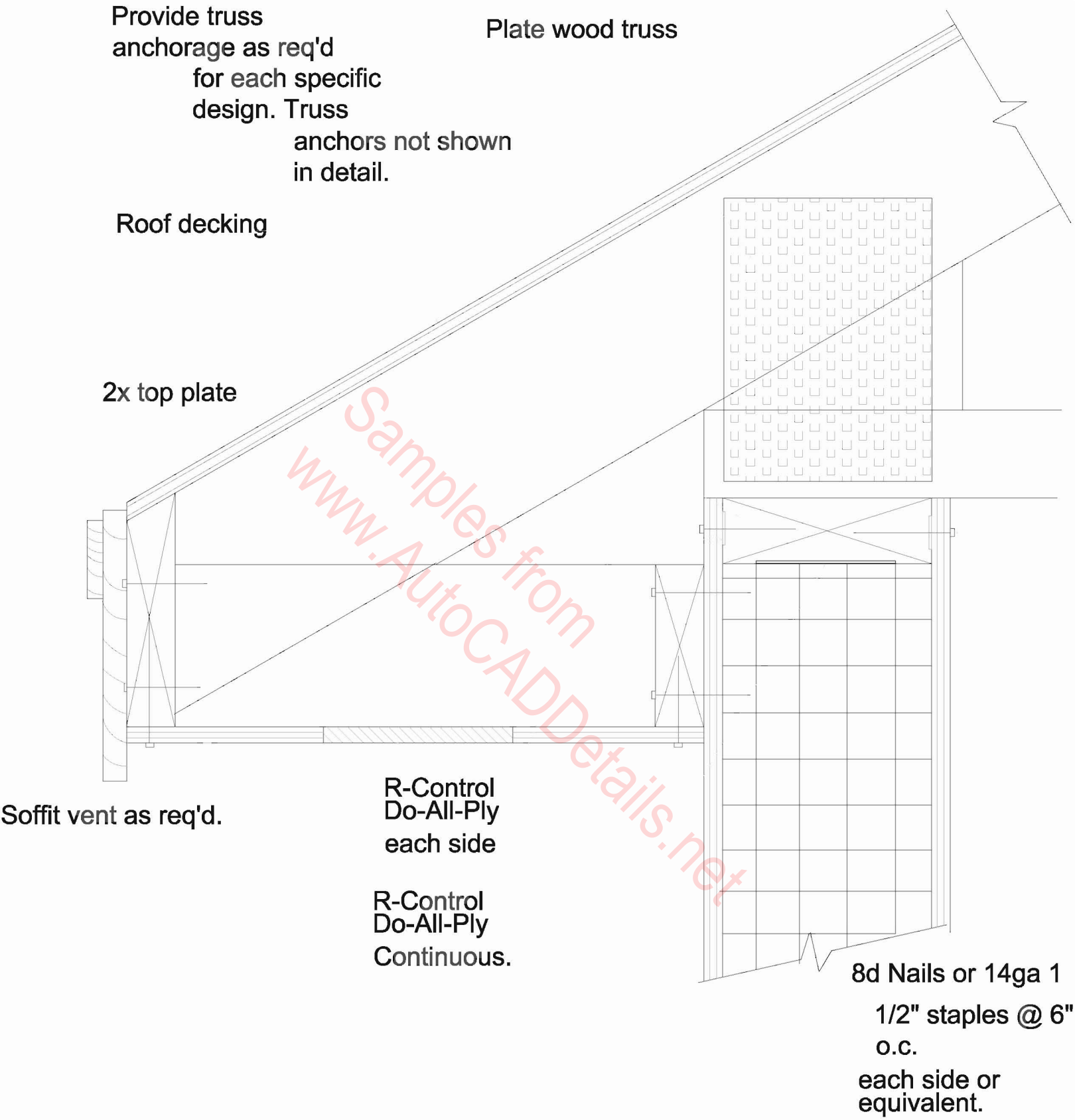
#5 R-BAR CONT. AT PERIMETER

GRANULAR FILL

4"DIA. PERFORATED DRAIN PIPE x6'-0" LONG BEYOND

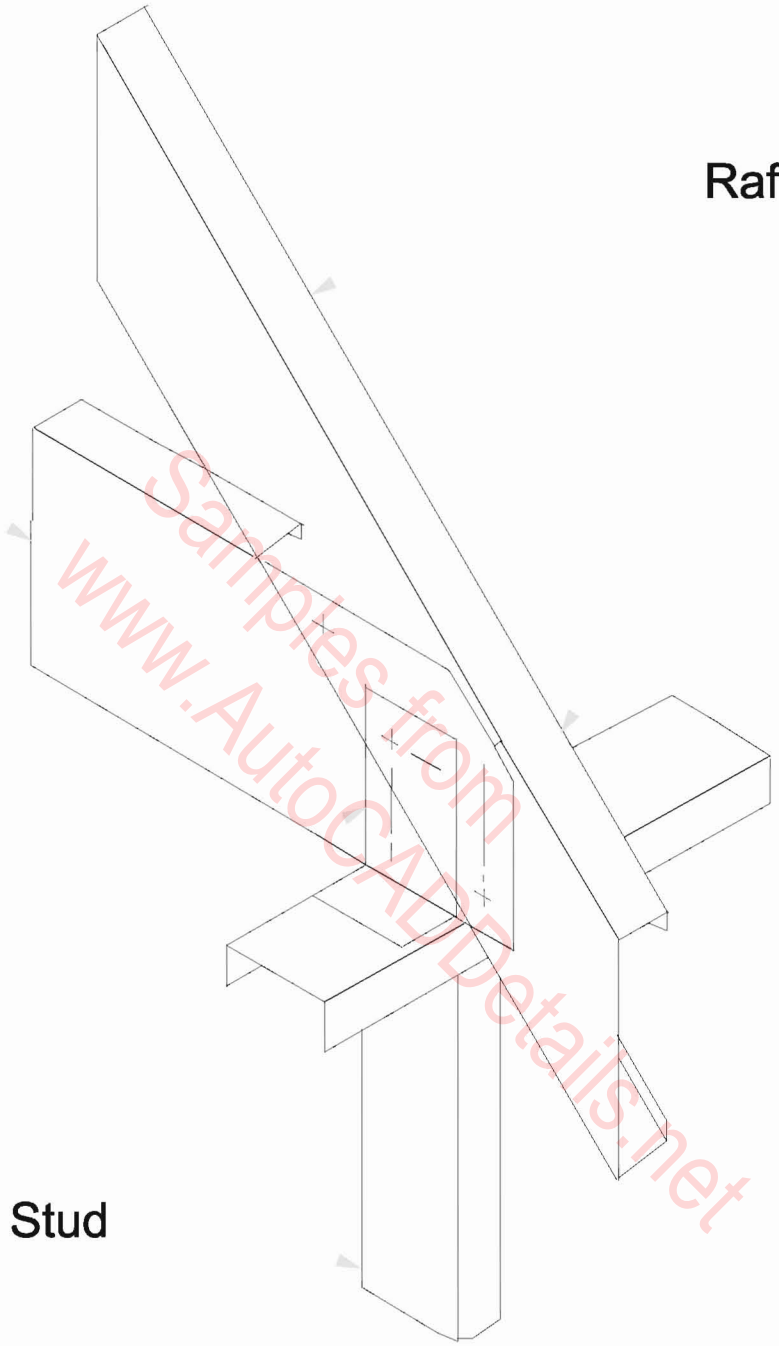
TREE PLANTING DETAIL

Samples from www.AutoCADDetails.net



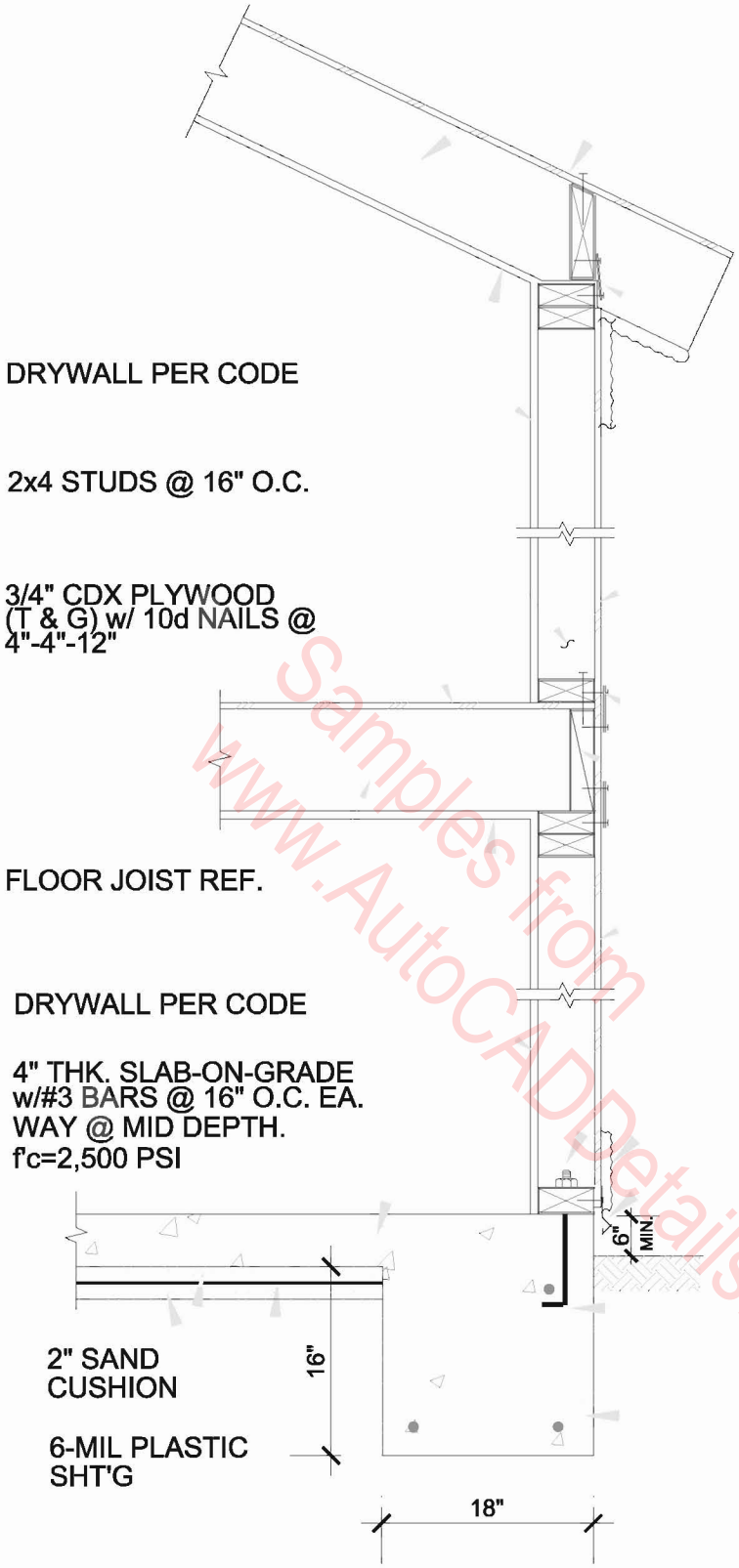
Samples from www.AutoCADDetails.net

Truss Bearing on Wall Panel



Samples from
www.AutoCADDetails.net

TRUSS EAVE DETAIL



Samples from www.AutoCADDetails.net

SEE DET. 10 THIS SHEET FOR ROOF VENTILATION DETAIL

TWO-STORY WALL & FOOTING

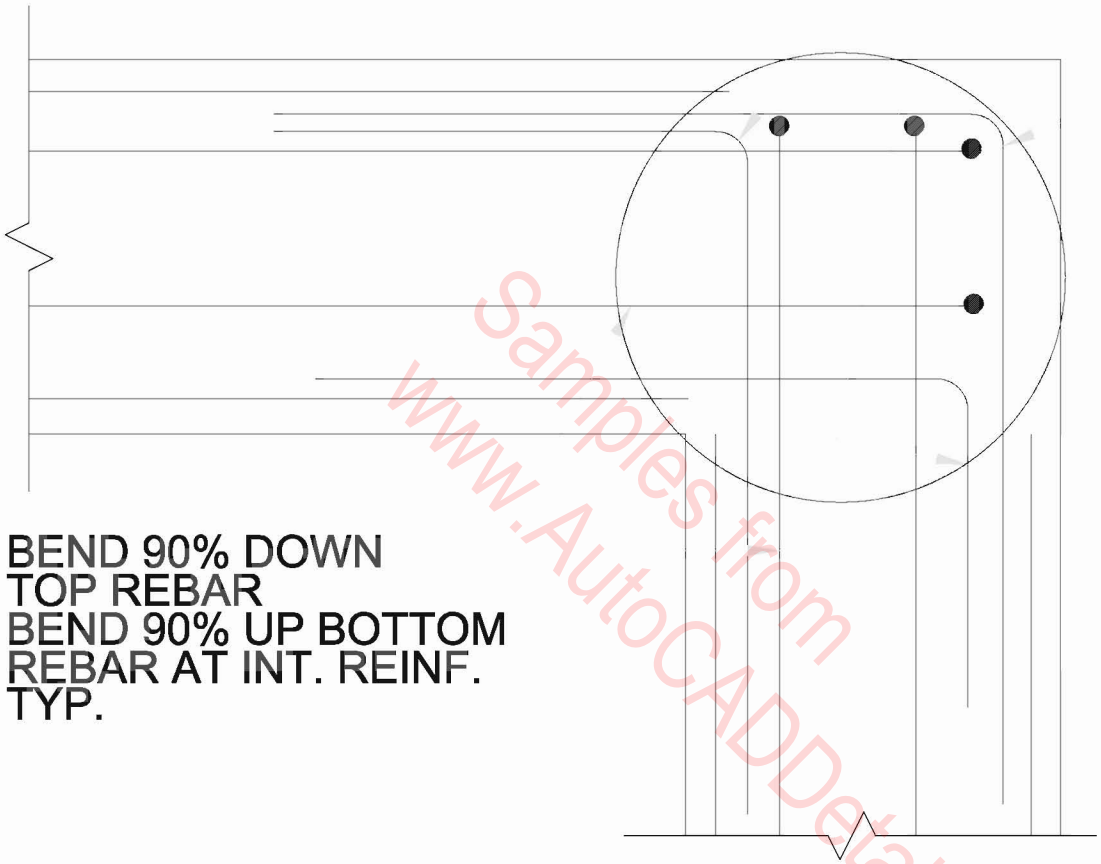
CLASS "B" LAP SPLICE SCHEDULE (L) (INCHES)

MEMBER TYPE	BAR SIZE	Fc'=3000 Psi				Fc'=4000 Psi			
		CATEGORY 1		CATEGORY 2		CATEGORY 1		CATEGORY 2	
		TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
ALL MEMBERS U.N.O	#3	29	22	43	33	25	19	37	29
	#4	38	29	56	43	33	25	48	38
	#5	48	37	72	56	41	32	62	47
	#6	56	43	85	65	50	38	73	56
	#7	82	63	123	94	71	55	106	81
	#8	94	72	139	107	81	62	121	93
	#9	106	81	158	121	90	69	136	104
	#10	117	90	175	134	100	77	151	116
	#11	129	99	192	147	110	85	166	128

Samples from www.AutoCADDetails.net

TYP. CLASS"B" SPLICES

BEND 90% HORIZ.
FACE REBAR
TYP.



BEND 90% DOWN
TOP REBAR
BEND 90% UP BOTTOM
REBAR AT INT. REINF.
TYP.

AT CORNER

STIRRUPS NOT SHOWN
FOR SAKE FOR CLARITY

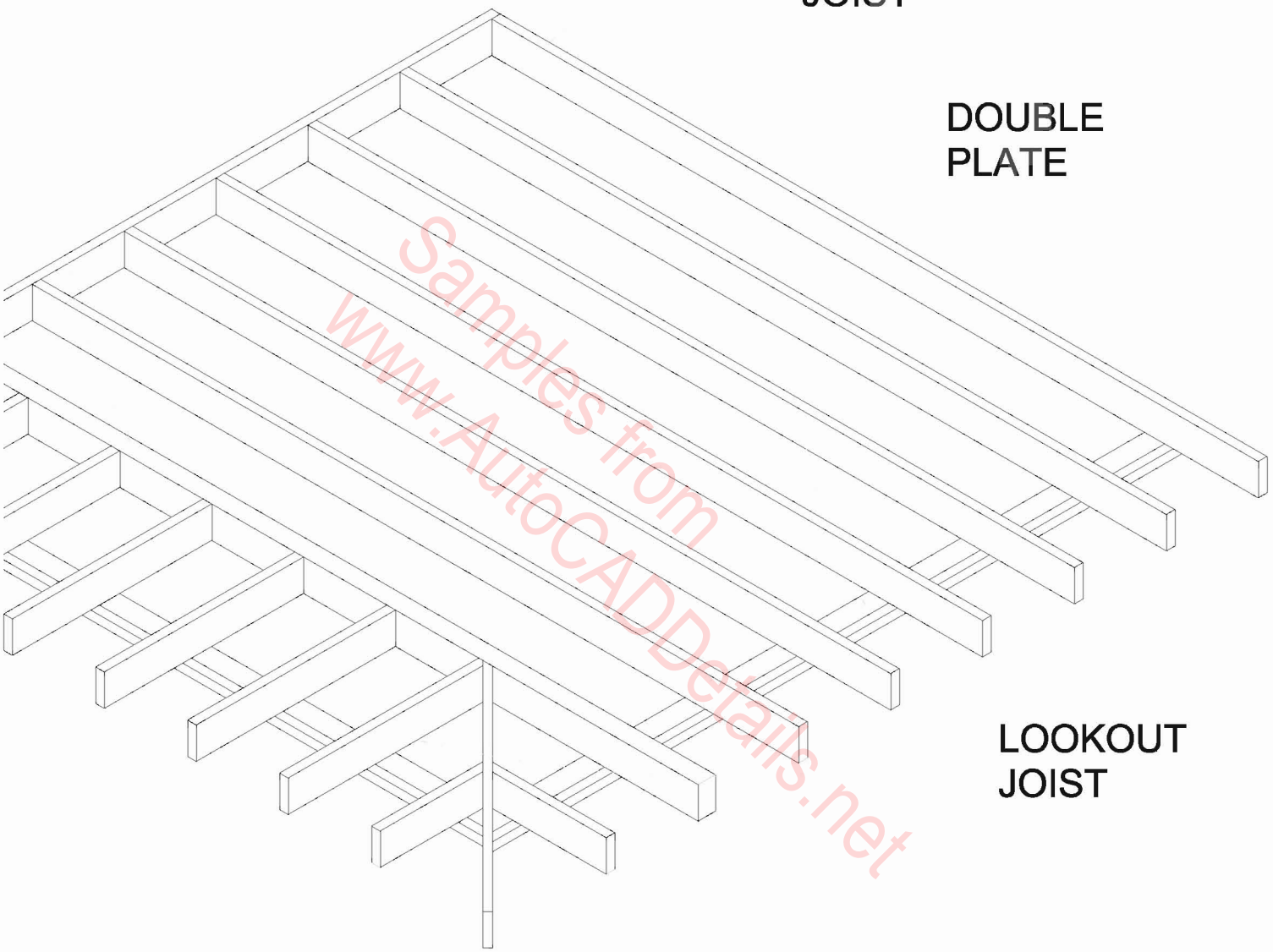
TYP.GRADE BEAM INTERSECTION

Samples from
www.AutoCADDetails.net

4X WD BEAM,REF.

FLOOR
JOIST

DOUBLE
PLATE



LOOKOUT
JOIST

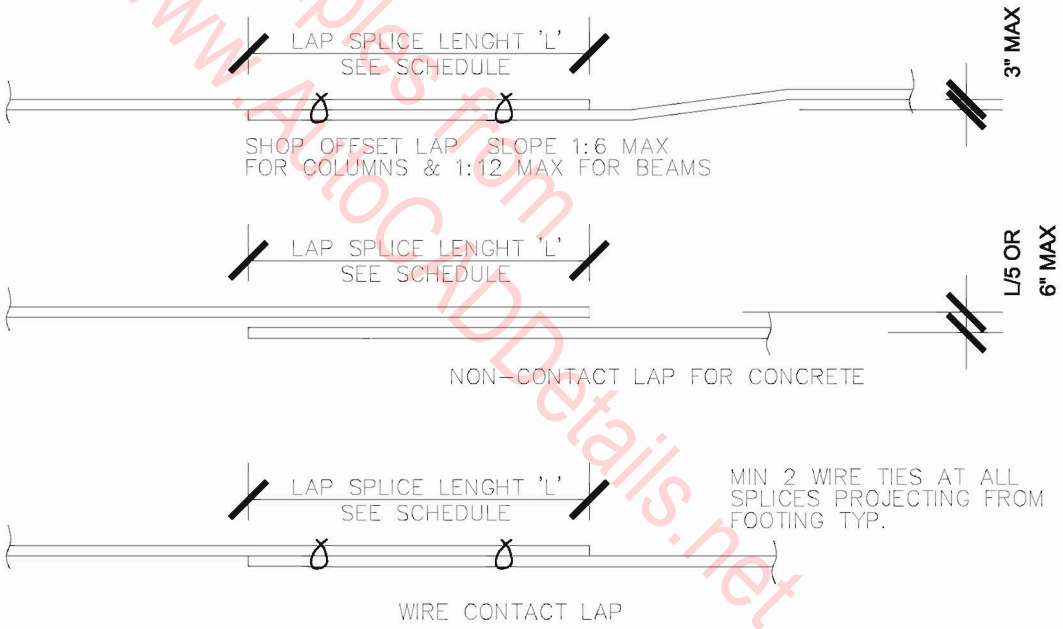
Samples from
www.AutoCADDetails.net

TYP.LOOK OUT ROOF/ FLOOR JOIST DETAIL

REBARS SPLICE SCHEDULE

BAR SIZE		LAPS FOR COMPRESSION BARS			LAPS FOR TENSION BARS		
No.	Dia. (Inches)	36 Dia.[1] MIN.	36x1.3[2] =47 Dia.	36x1.5 =54 Dia.	48 Dia.[1] MIN.	48x1.3[2] =62 Dia.	48x1.3 =72 Dia.
#3	0.375	14	18	20	18	23	27
#4	0.500	18	24	27	24	31	36
#5	0.625	23	29	34	30	39	45
#6	0.750	27	35	41	36	47	54
#7	0.875	32	41	47	42	54	63
#8	1.000	36	47	54	48	62	72
#9	1.128	41	53	61	54	70	81
#10	1.270	46	60	69	61	79	91
#11	1.410	51	66	76	68	87	102

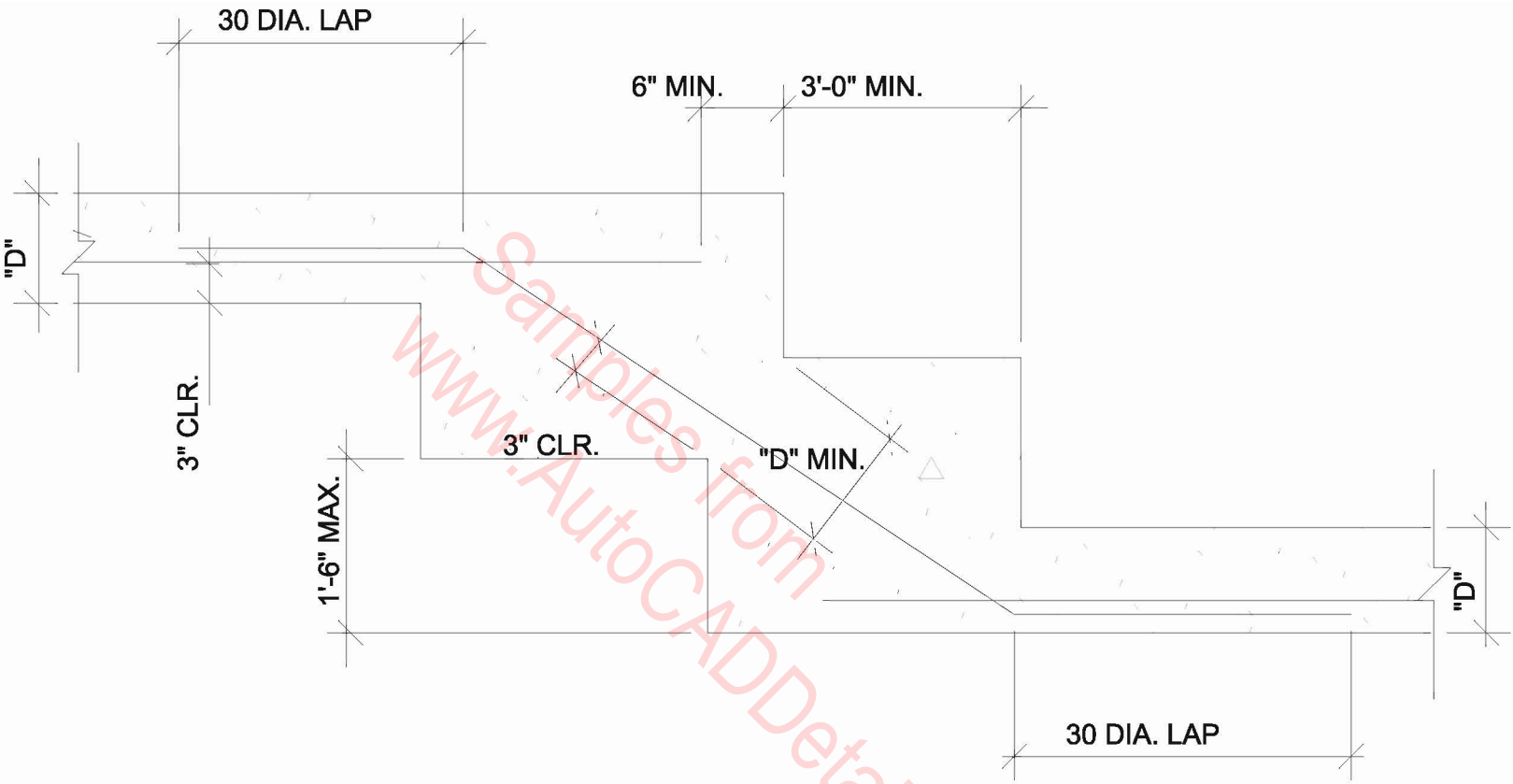
Samples from www.AutoCADDetails.net



NOTES:

1. MINIMUM DEVELOPMENT LENGTH, Ld, AND LAP SPLICE.
2. USE WHEN BARS ARE SEPARATED BY 3 INCHES OR LESS.
3. LENGTH OF LAP (INCHES) GRADE 60 STEEL, Fs=24,000 psi.

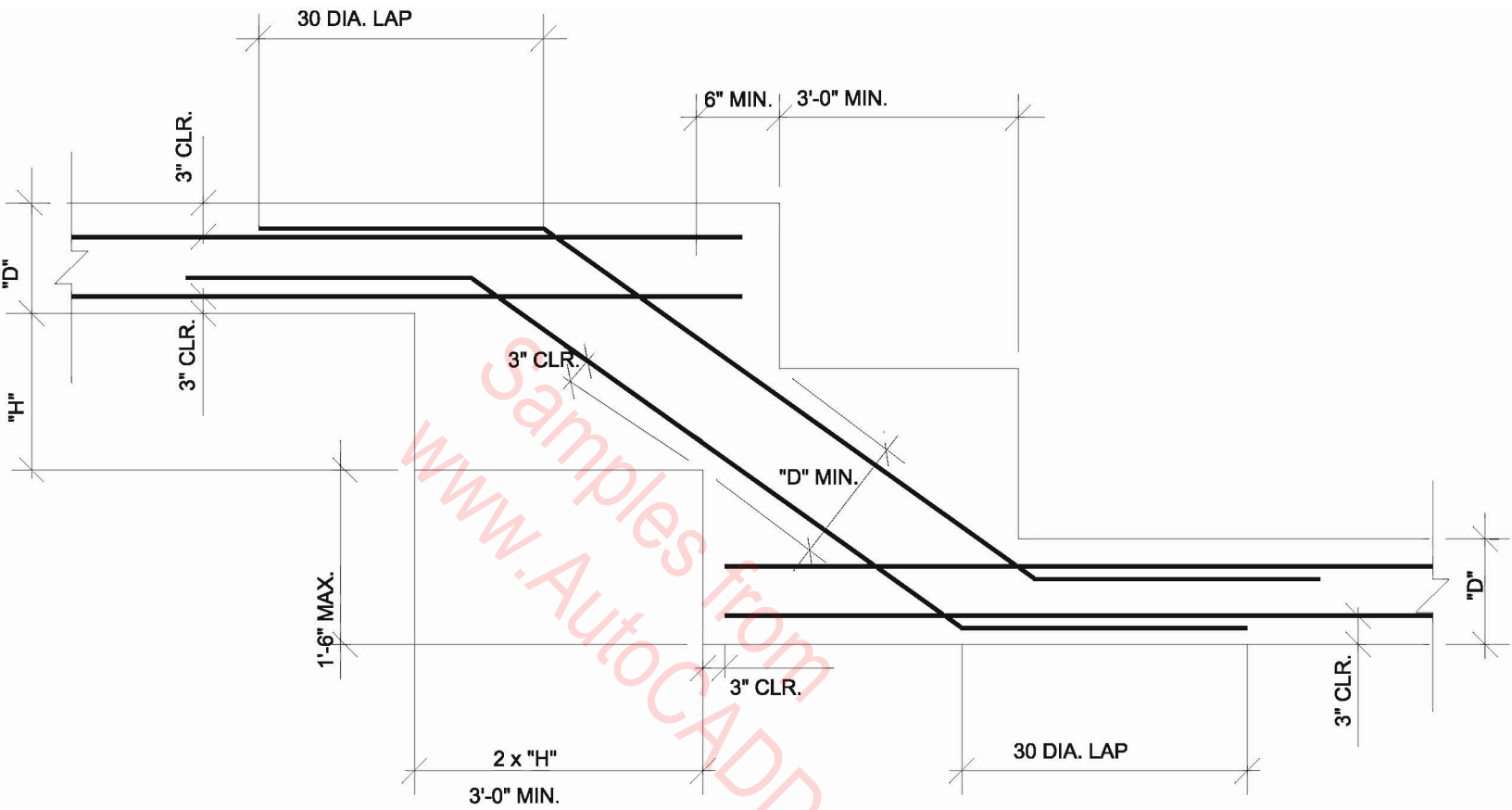
TYP. MASONRY REINFORCING SPLICES



Samples from www.AutoCADDetails.net

TYP. FTG. REFINF. SEE SECTIONS FOR
SIZE & QUANTITY (2-#4 CONT. MIN.)
REPEAT STEPS AS REQUIRED.

TYP. STEPPED FOOTING (FTG-2)



Samples from www.AutoCADDetails.net

TYP. FTG. REINF. SEE SECTIONS FOR
SIZE & QUANTITY (2-#5 TOP & BOTT MIN.)
REPEAT STEPS AS REQUIRED.

TYP. STEPPED FOOTING

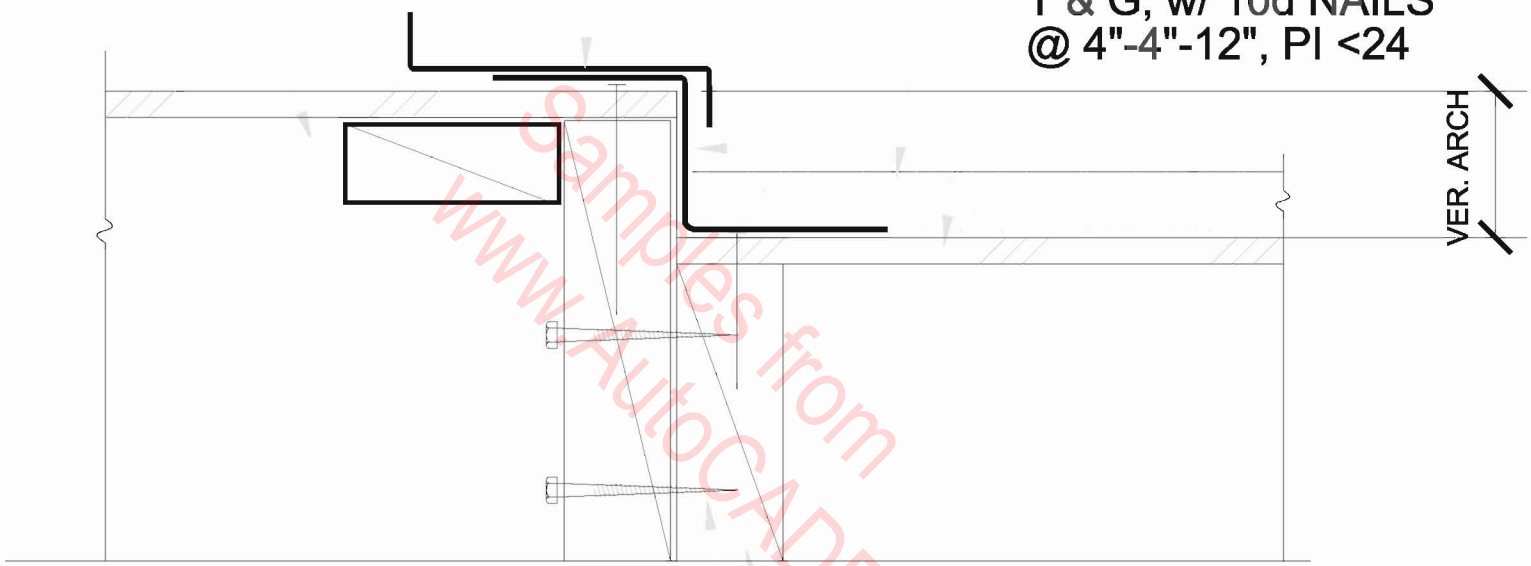
DOOR PAN(WHERE OCCURS)

GALV.FLASHING

REFER TO ARCHITECTURAL

FLOOR
FRAMING
REF.

3/4" CDX PLYWOOD
T & G, w/ 10d NAILS
@ 4"-4"-12", PI <24

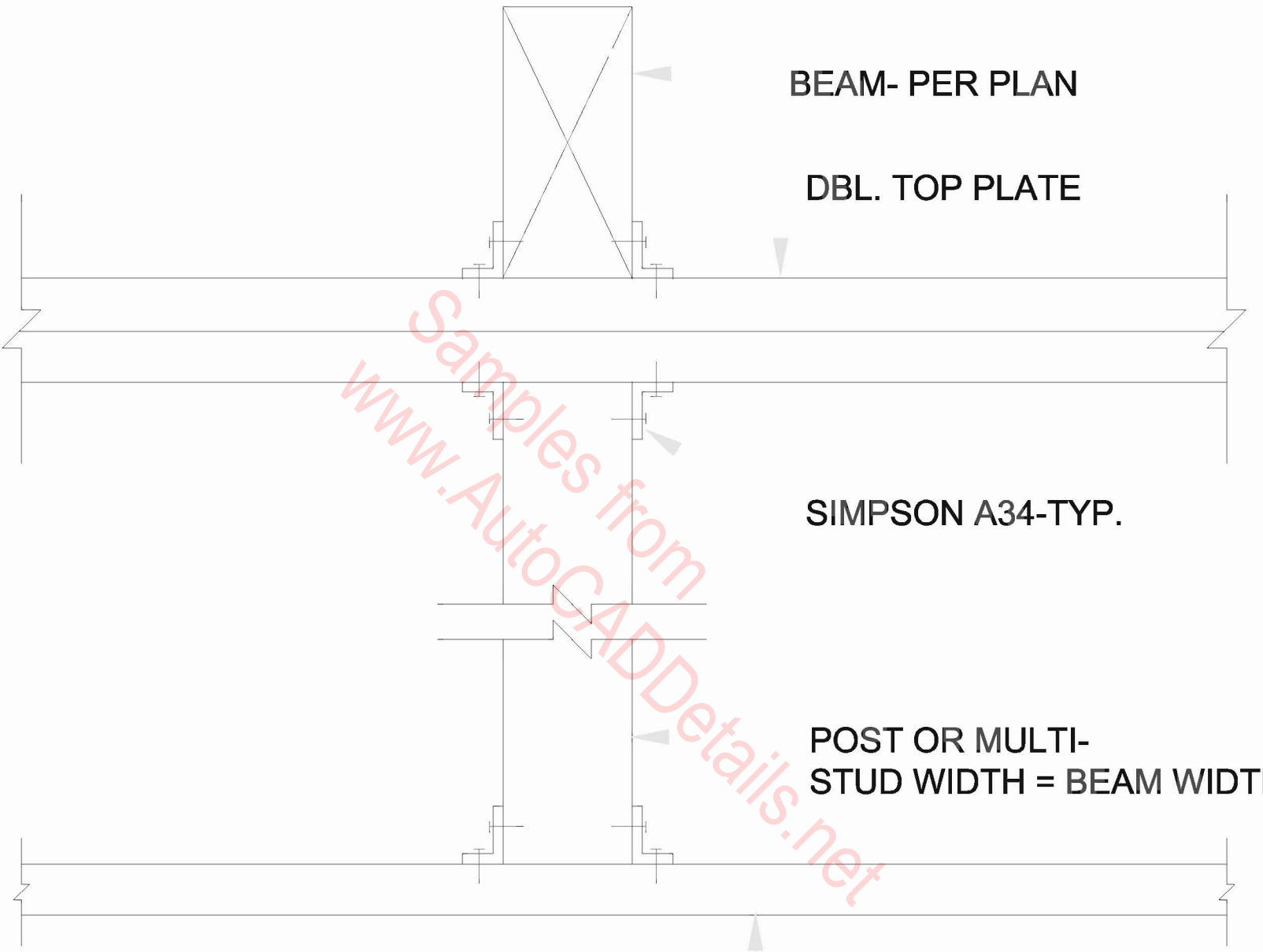


samples from
www.AutoCADDetails.com

4x FULL DEPTH BLK'G
w/ B.N, TYP.

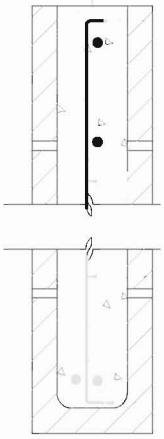
1/4"Øx4" LAG SCREWS
@ 12" O.C., STAGG'D

TYPICAL BALCONY THRESHOLD DETAIL



Samples from
www.AutoCADDetails.net

TYP. BEAM TO POST, FLUSH (BPF)



TOP OF WALL

90° HOOK

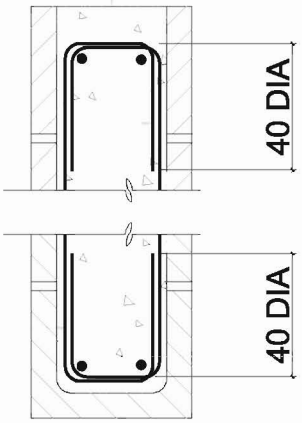
U-BAR TO MATCH VERTS.

TYP. WALL REINF.

LINTEL REINF.

TYP. WALL REINF.

90° HOOK

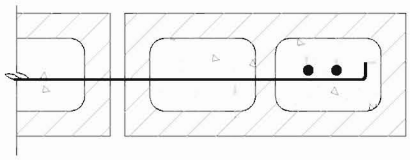


2-#5 FOR OPENING < 5'-0"
2-#6 FOR OPENING < 7'-0"
2-#7 FOR OPENING < 9'-0"

SINGLE MAT

DOUBLE MAT

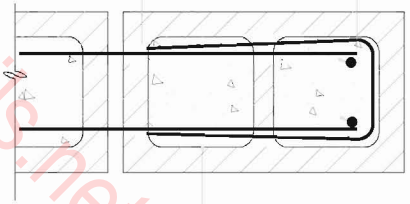
LINTEL & TOP OF WALL (B)



2- # 5 JAMB VERT.BARS

90° HOOK

40 DIA LAP SPLICE



TYP. WALL REINF.

U-BAR TO MATCH HORIZ.

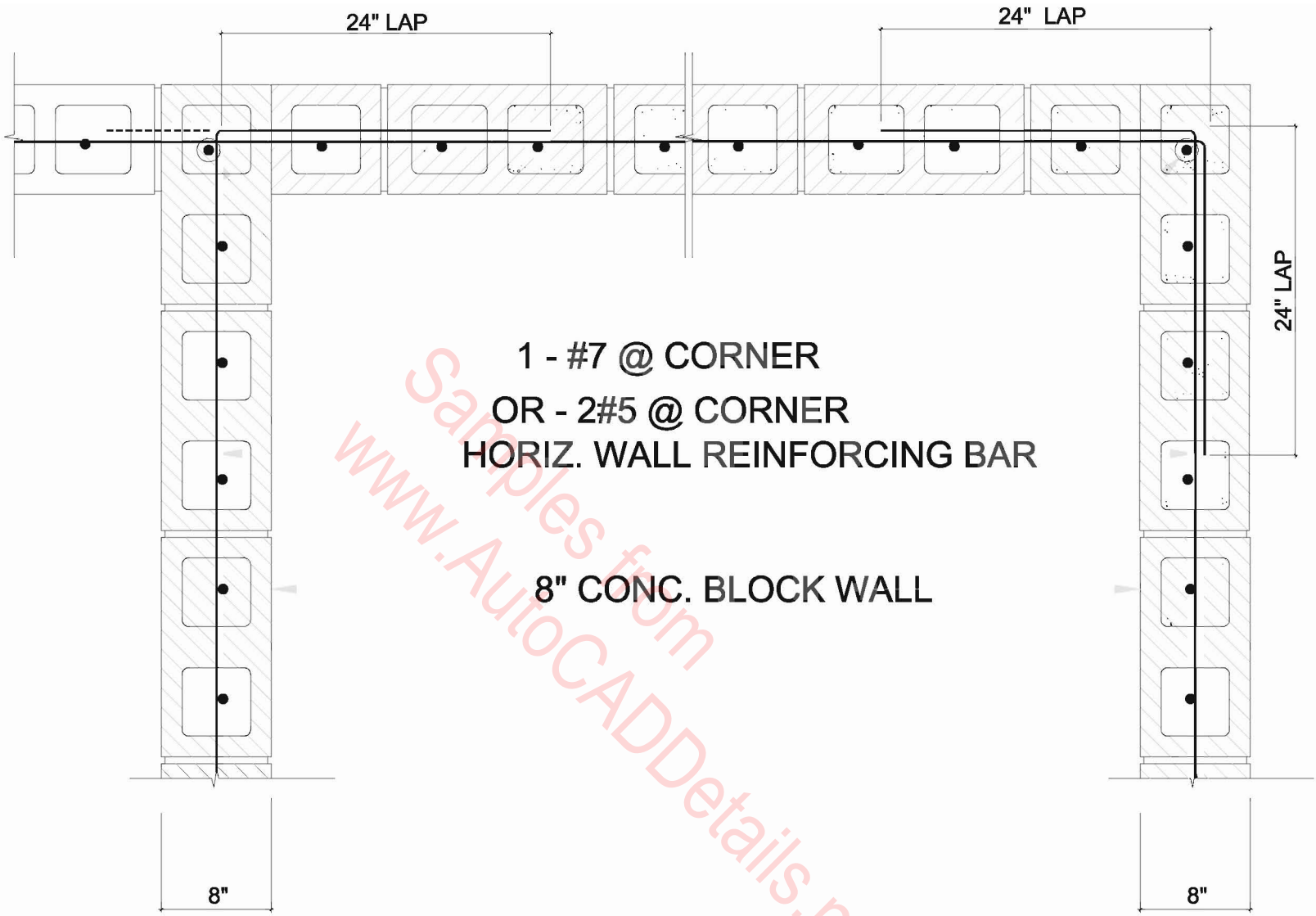
SINGLE MAT

DOUBLE MAT

JAMB OR END OF WALL (C)

Samples from www.AutoCADDetails.net

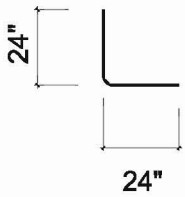
TYPICAL CMU REINFORCING DETAIL



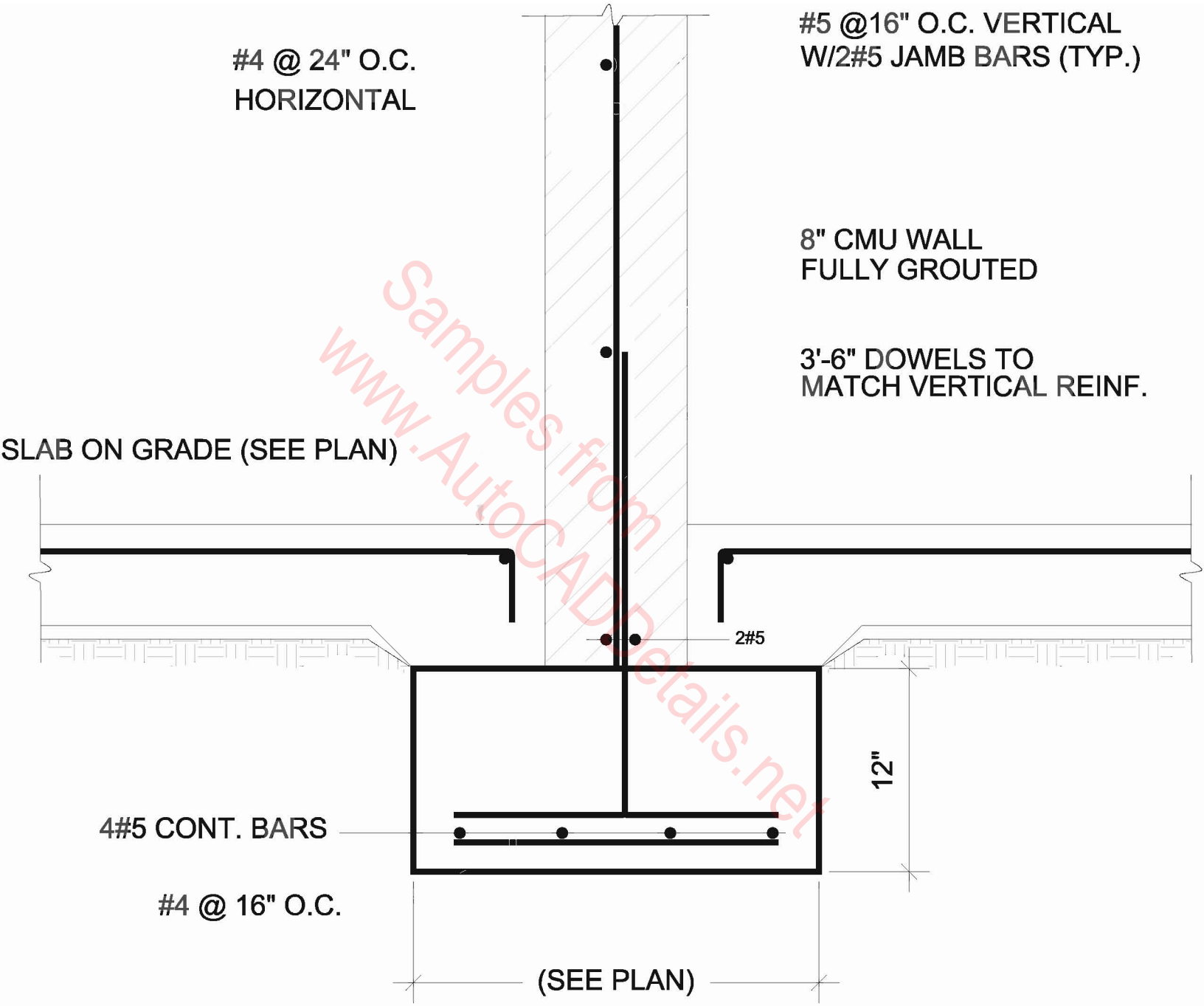
Samples from
www.AutoCADDetails.net

NOTE

USE #5 DOWELS TO MATCH HORIZONTAL WALL REINF.,
IF EXTENSION OF WALL REINF. IS IMPOSSIBLE,
DOWELS TO BE



TYPICAL CMU WALL CORNER DETAIL



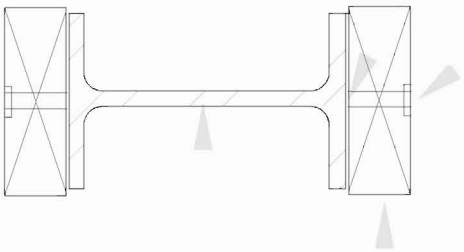
Samples from www.AutoCADDetails.net

TYPICAL CMU WALL FOOTING

TYP.

1/4"

1/2" DIA. BOLTS @ 2'-0" O.C.



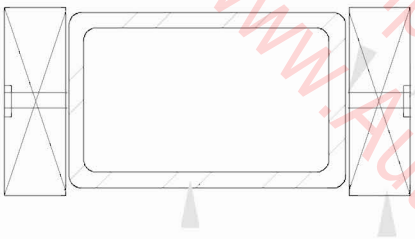
3x NAILER

COL. PER PLAN

TYP.

1/4"

1/2" DIA. BOLTS @ 2'-0" O.C.



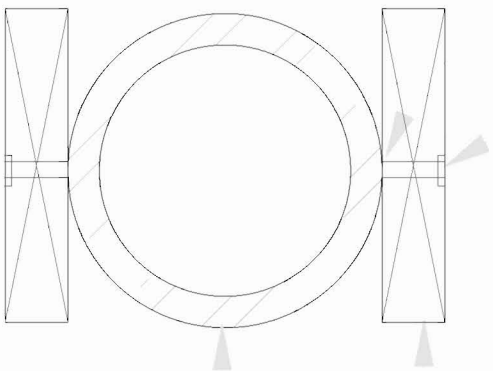
3x NAILER

COL. PER PLAN

TYP.

1/4"

1/2" DIA. BOLTS @ 2'-0" O.C.



3x NAILER

COL. PER PLAN

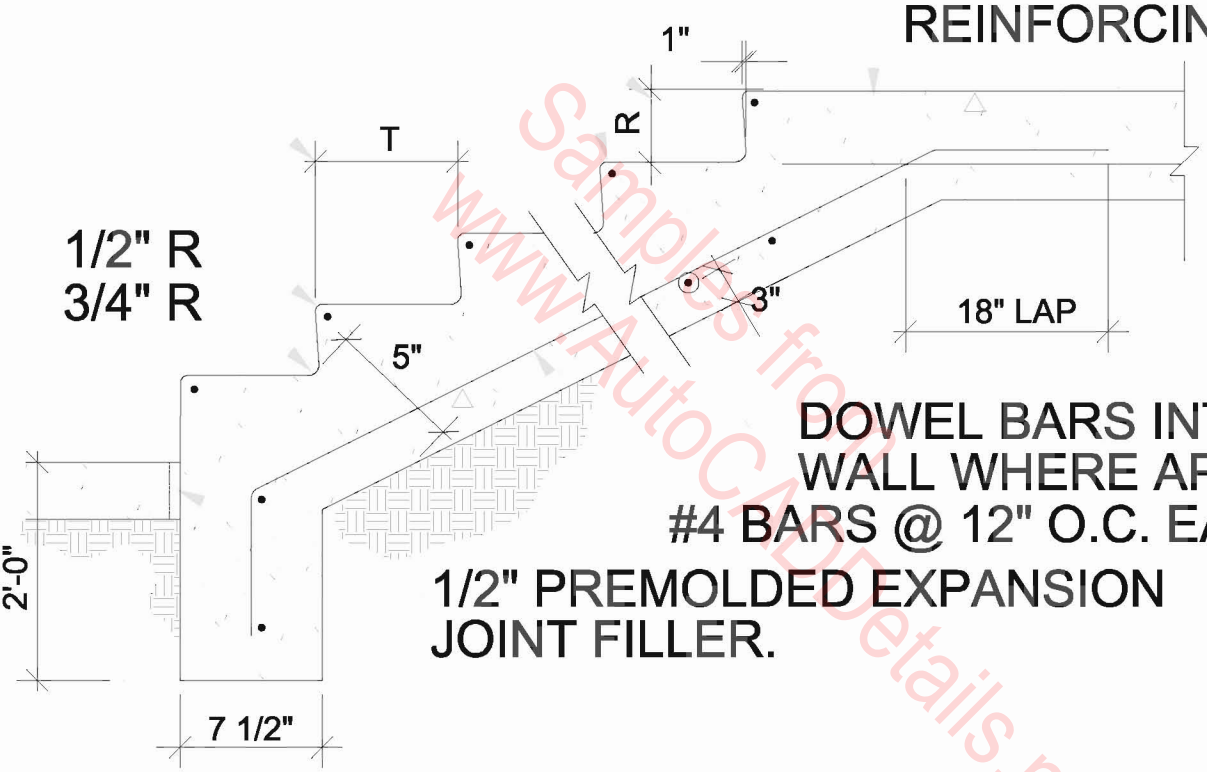
Samples from www.AutoCADDetails.net

TYP. COLUMN WITH NAILER DETAIL

TREADS & RISERS (T & R)
PER ARCH. DRAWINGS.

1-#3 EA. NOSING

SLAB ON GRADE
REINFORCING.



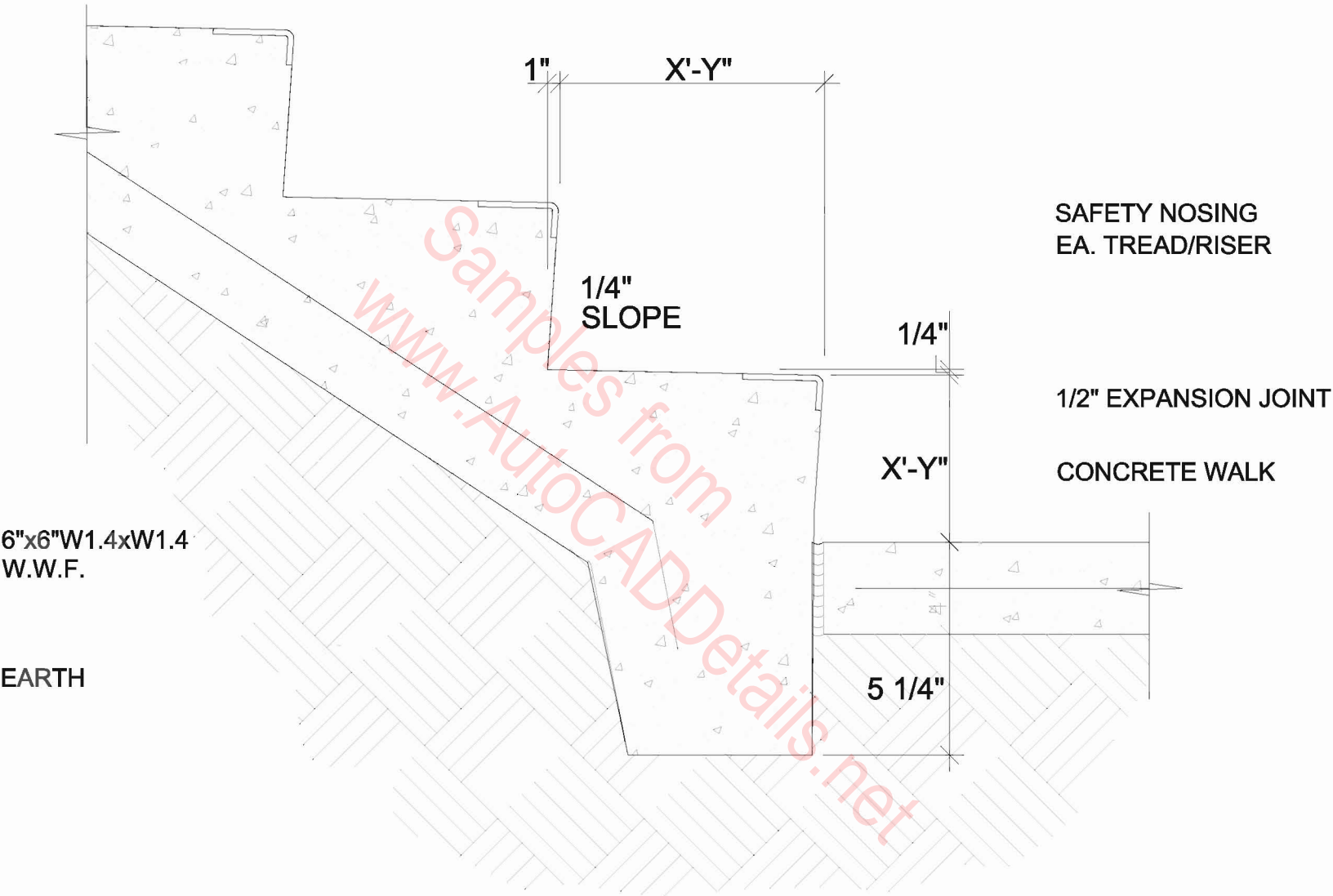
DOWEL BARS INTO SPANDREL
WALL WHERE APPLICABLE.
#4 BARS @ 12" O.C. EA. WAY

1/2" PREMOLDED EXPANSION
JOINT FILLER.

NOTE: FOR NUMBER OF RISERS
& LANDING ELEVATIONS
SEE ARCH. DRAWINGS.

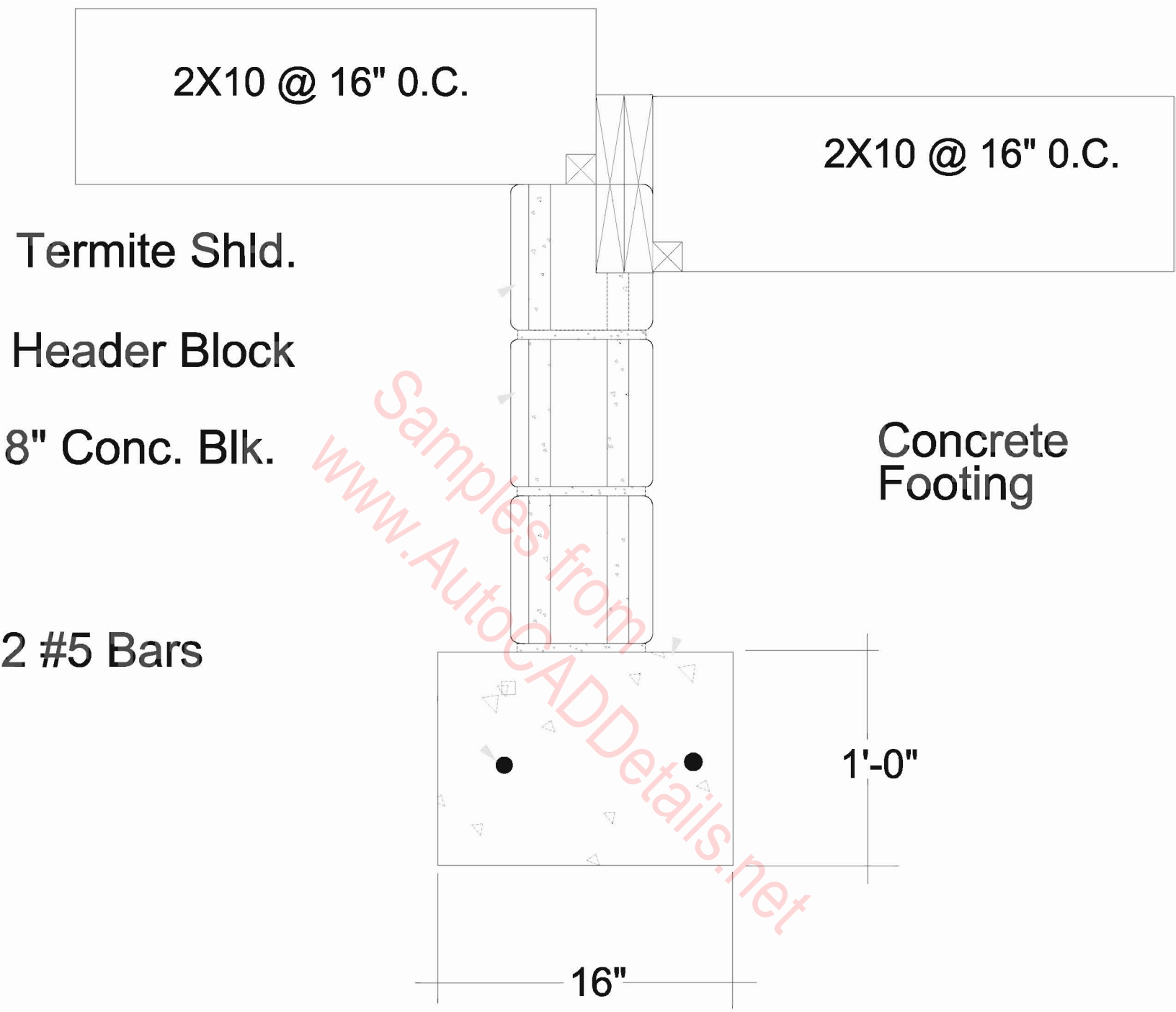
Samples from www.AutoCADDetails.net

TYP. CONC. STAIR ON GRADE (STAIR-1)



Samples from
www.AutoCADDetails.net

TYPICAL CONCRETE STAIR

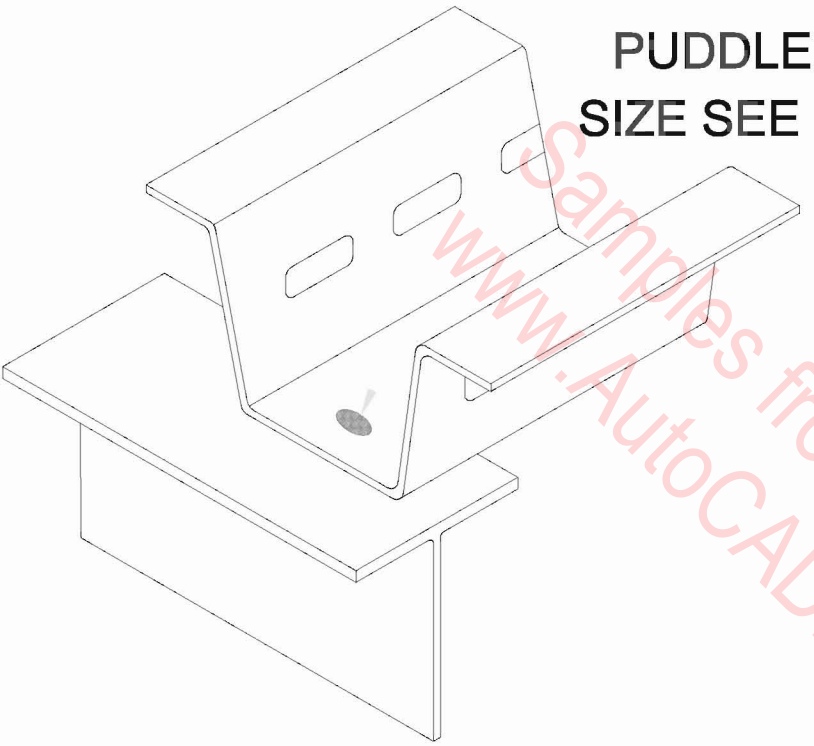


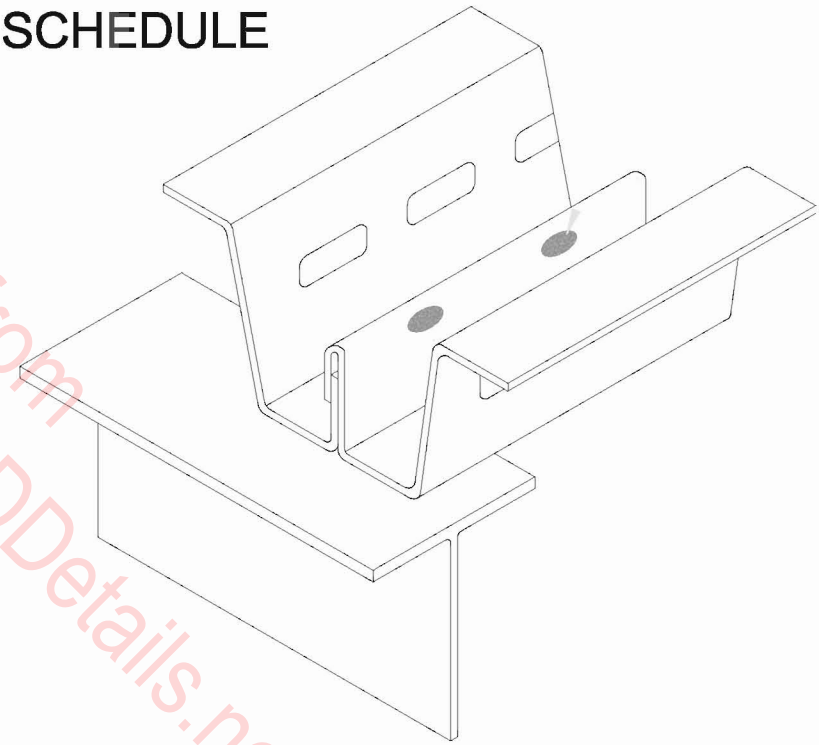
Samples from www.AutoCADDetails.net

TYPICAL CRAW SPACE FOUNDATION SECTION

PUNCH BOTTOM
@ 24" O.C.

PUDDLE WELD
SIZE SEE SCHEDULE



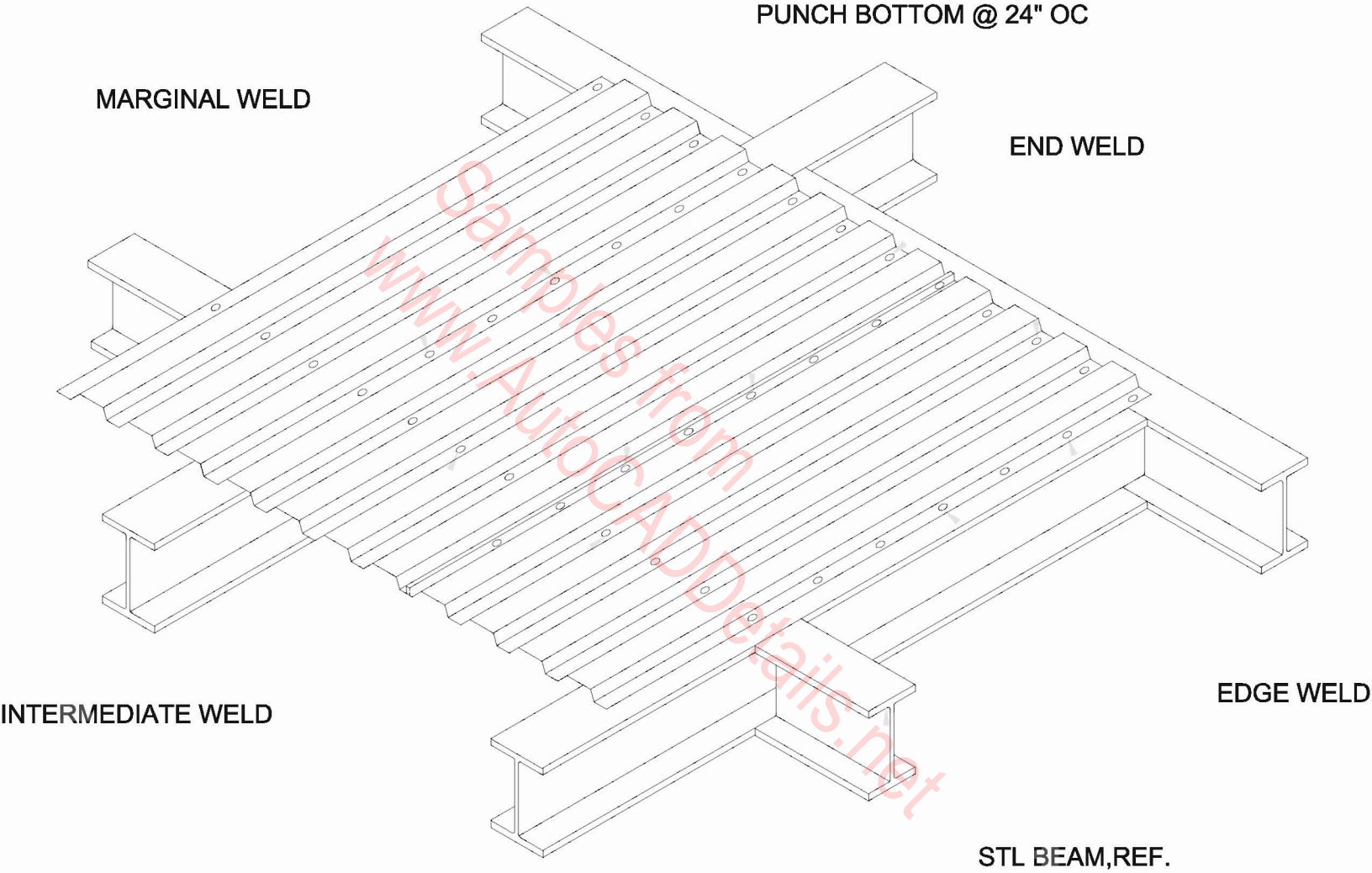


Samples from
www.AutoCADDetails.net

PUDDLE WELD

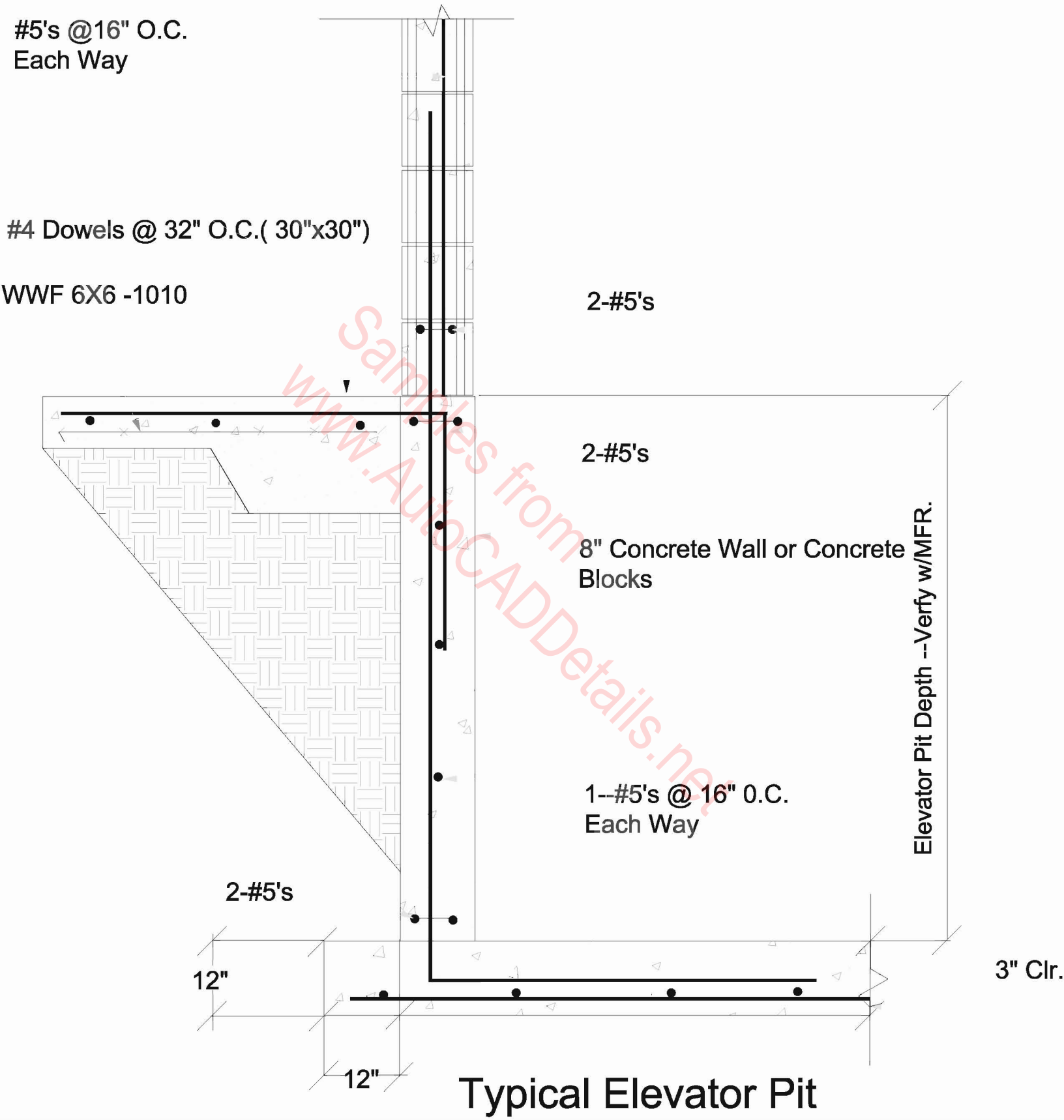
SIDE SEAM ATTACHMENT

TYPICAL DECK CONNECTION



Samples from www.AutoCADDetails.net

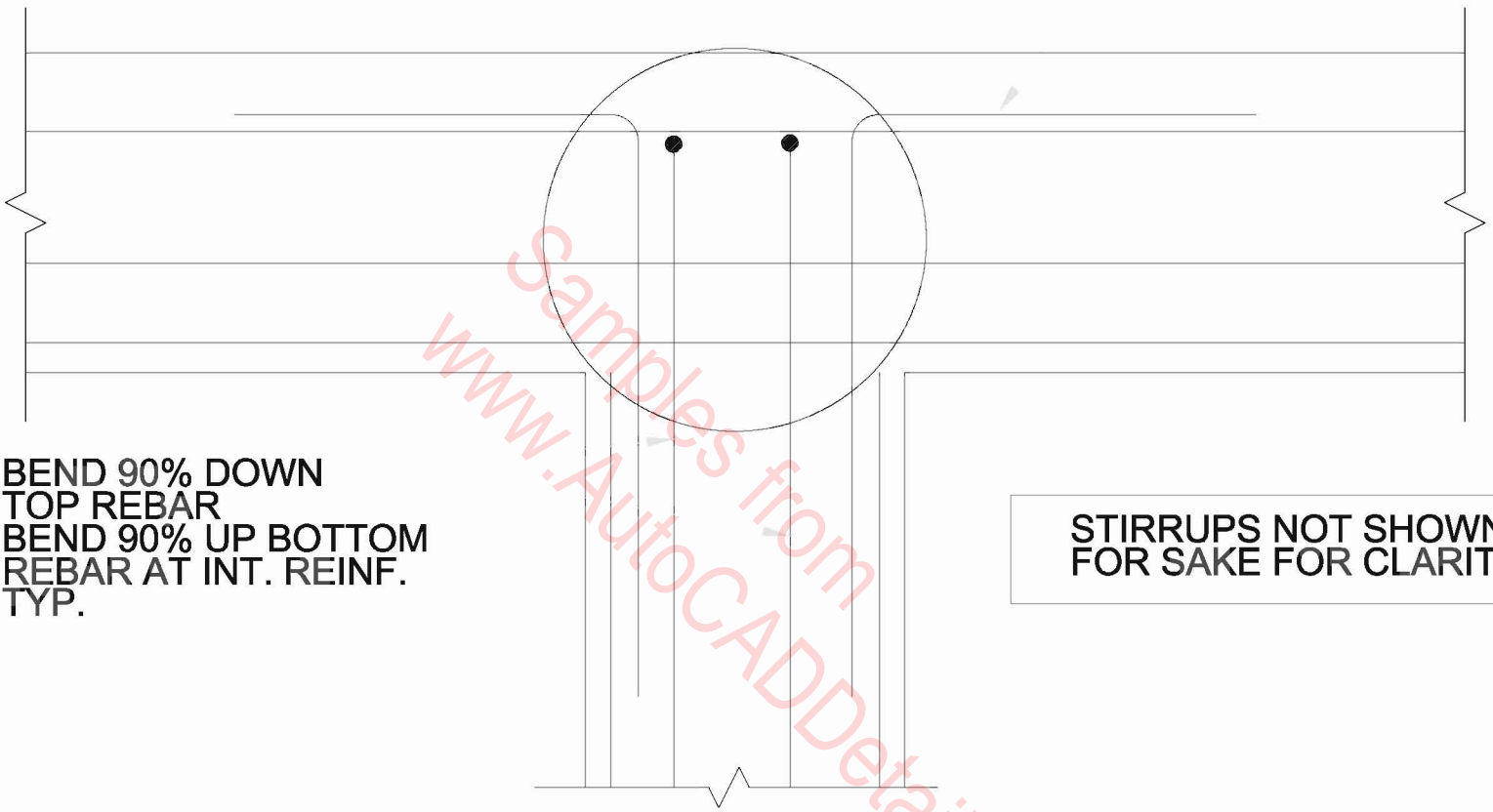
TYPICAL DECK WELDING



Samples from www.AutoCADDetails.net

Typical Elevator Pit

BEND 90% HORIZ.
FACE REBAR
TYP.



BEND 90% DOWN
TOP REBAR
BEND 90% UP BOTTOM
REBAR AT INT. REINF.
TYP.

STIRRUPS NOT SHOWN
FOR SAKE FOR CLARITY

AT INTERSECTION

Samples from
www.AutoCADDetails.net

TYPICAL GRADE BEAM INTERSECTION

A34 @ OPENINGS GREATER THAN 5'-0"

4-8d TOE

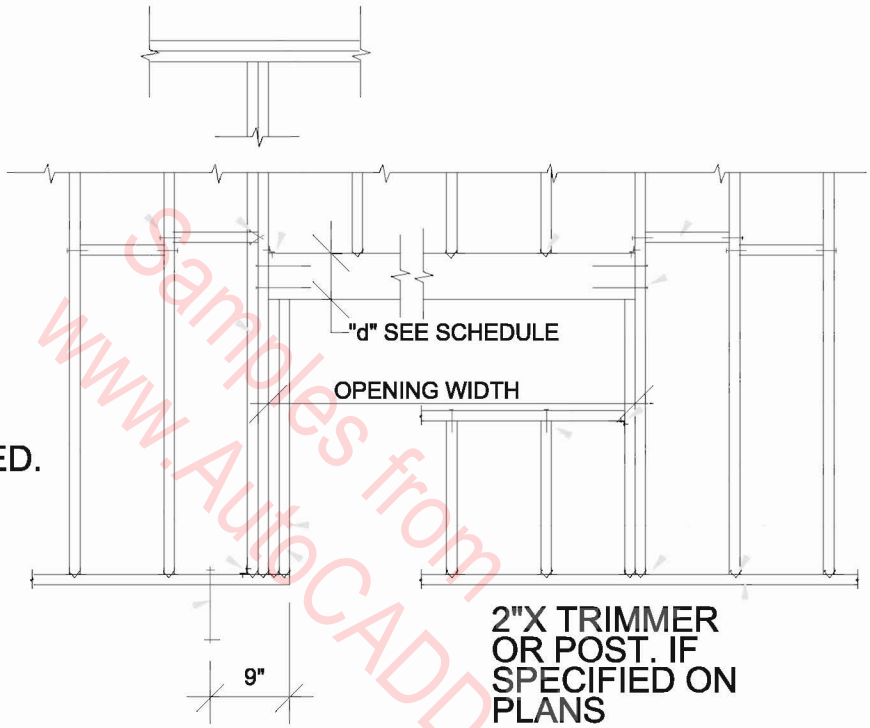
1 NAIL THRU STUD

ADD 1 THRU STUD FOR OPENINGS GREATER THAN 5'-0"

A34 TOP & BOTTOM (EA. SIDE OF OPN'G) FOR OPN'G GREATER THAN 5'-0"

"d" IS NOMINAL EXCEPT WHERE NOTED. MAKE HEADER FULL WIDTH OF STUDS (ONE PIECE) AND DEPTH AS NOTED.

5/8" DIA. A.B. @ 4'-0" O.C. TYP. U.N.O.



2"X TRIMMER OR POST. IF SPECIFIED ON PLANS

4-8d TOE

2X BLK'G 8'-0" O.C. MAX. & AT ALL CLG. LINES.

4-16d END

A34 OPN'G GREATER THAN 5'-0"
2- 16d

2-8d

4-8d TOTAL

ADD 1-2X TRIMMER WHERE "d" IS 6" OR LARGER. OR WHERE SPECIFIED ON THE PLANS

WHERE SILL PLATE IS CUT BY LARGER HOLE, PROVIDE ANCHOR BOLT EA. SIDE OF HOLE.

OPENING WIDTH	"d"
UP TO 3'-0"	4"
3'-1" TO 6'-0"	6"
6'-1" TO 8'-0"	8"
8'-1" TO 10'-0"	10"

Samples from www.AutoCADDetails.net

TYPICAL HEADER DETAIL (HDR-1)

A34 @ OPENINGS GREATER THAN 5'-0"

4-8d TOE

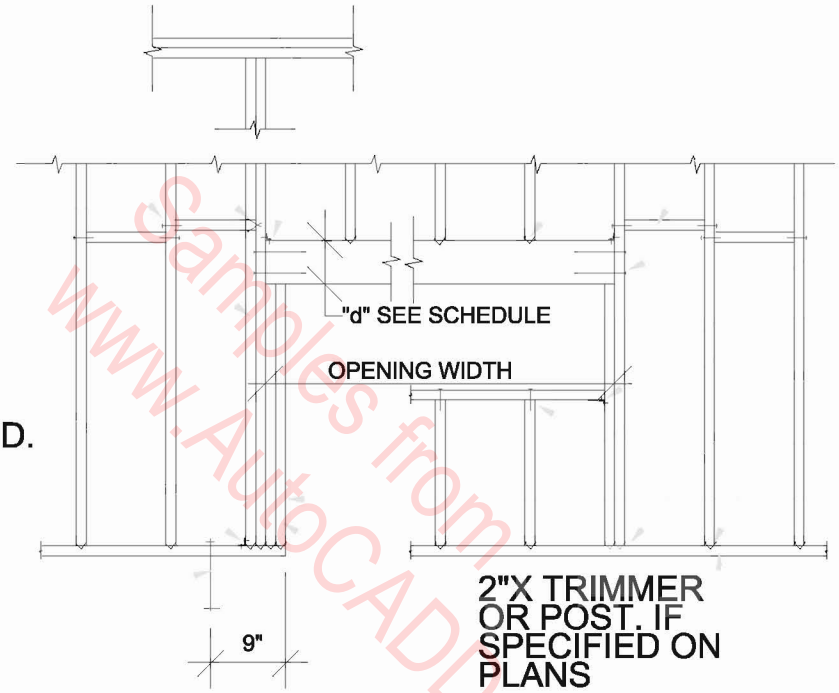
1 NAIL THRU STUD

ADD 1 THRU STUD FOR OPENINGS GREATER THAN 5'-0"

A34 TOP & BOTTOM (EA. SIDE OF OPN'G) FOR OPN'G GREATER THAN 5'-0"

"d" IS NOMINAL EXCEPT WHERE NOTED. MAKE HEADER FULL WIDTH OF STUDS (ONE PIECE) AND DEPTH AS NOTED.

5/8" DIA. A.B. @ 4'-0" O.C. TYP. U.N.O.



2"X TRIMMER OR POST. IF SPECIFIED ON PLANS

4-8d TOE

2X BLK'G 8'-0" O.C. MAX. & AT ALL CLG. LINES.

4-16d END

A34 OPN'G GREATER THAN 5'-0"

2- 16d

2-8d

4-8d TOTAL

ADD 1-2X TRIMMER WHERE "d" IS 6" OR LARGER. OR WHERE SPECIFIED ON THE PLANS

WHERE SILL PLATE IS CUT BY LARGER HOLE, PROVIDE ANCHOR BOLT EA. SIDE OF HOLE.

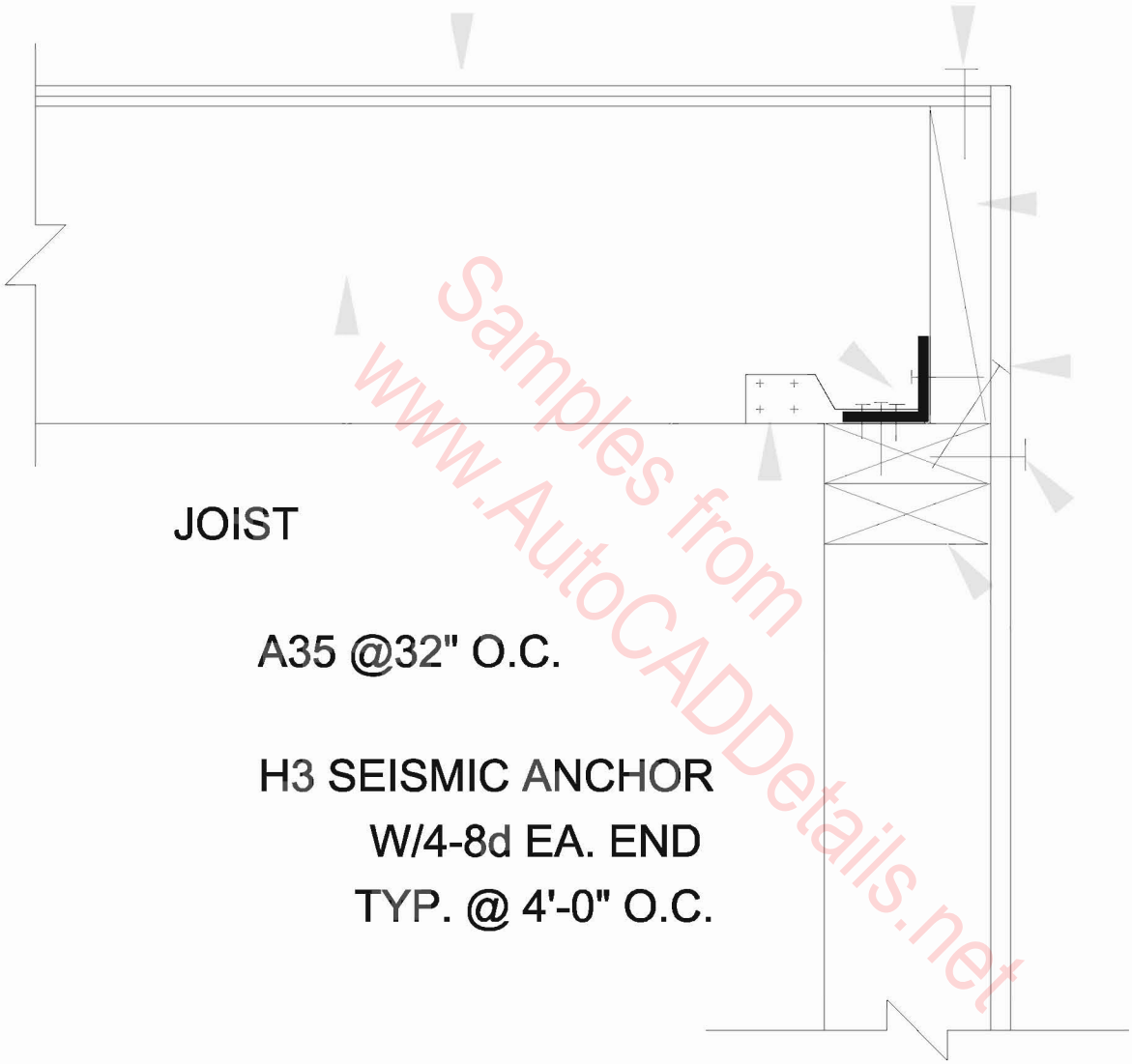
OPENING WIDTH	"d"
UP TO 3'-0"	4"
3'-1" TO 6'-0"	6"
6'-1" TO 8'-0"	8"
8'-1" TO 10'-0"	10"

Samples from www.AutoCADDetails.net

TYPICAL HEADER DETAIL

SEE ARCH. DWGS FOR
FINISH MATERIAL

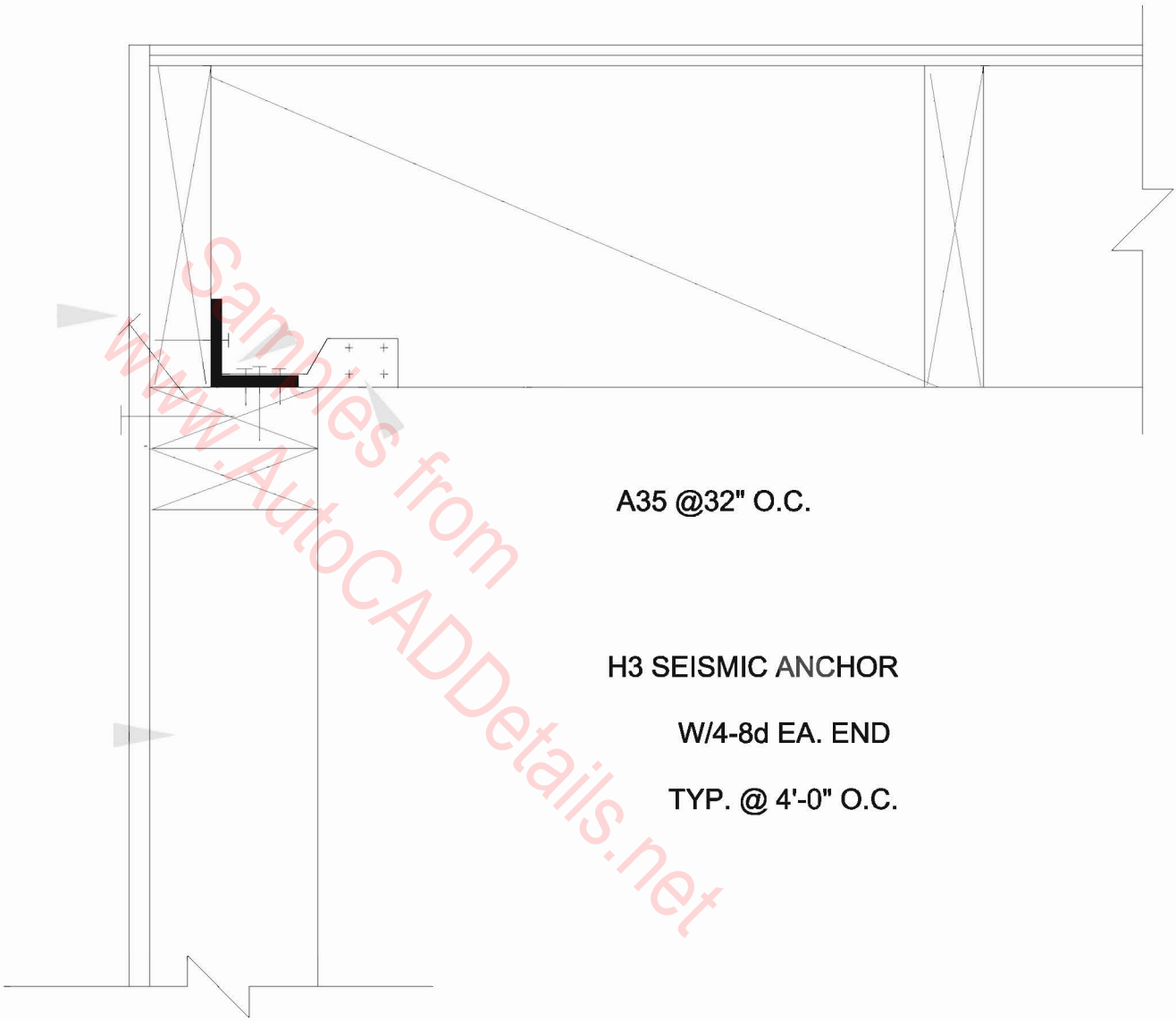
B.N.



Samples from www.AutoCADDetails.net

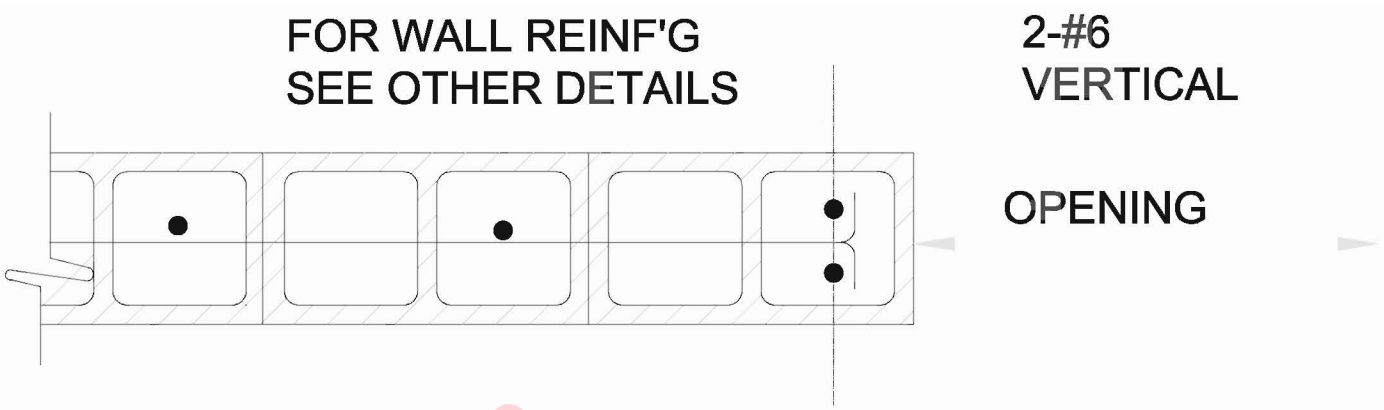
PERPENDICULAR TO WALL

TYP. JOIST TO STUD WALL CONN.

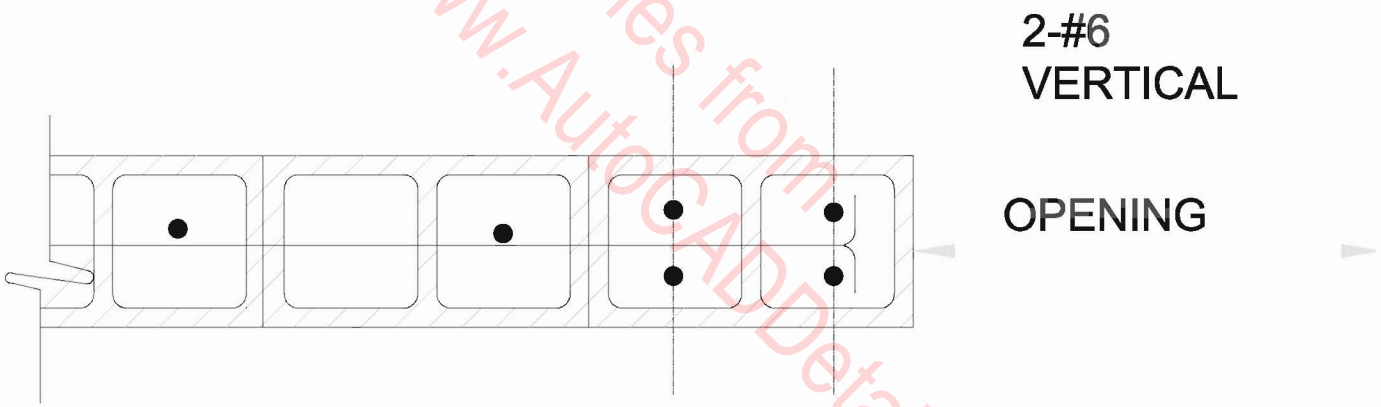


Samples from
www.AutoCADDetails.net

TYP. JOIST TO STUD WALL CONN. KR2



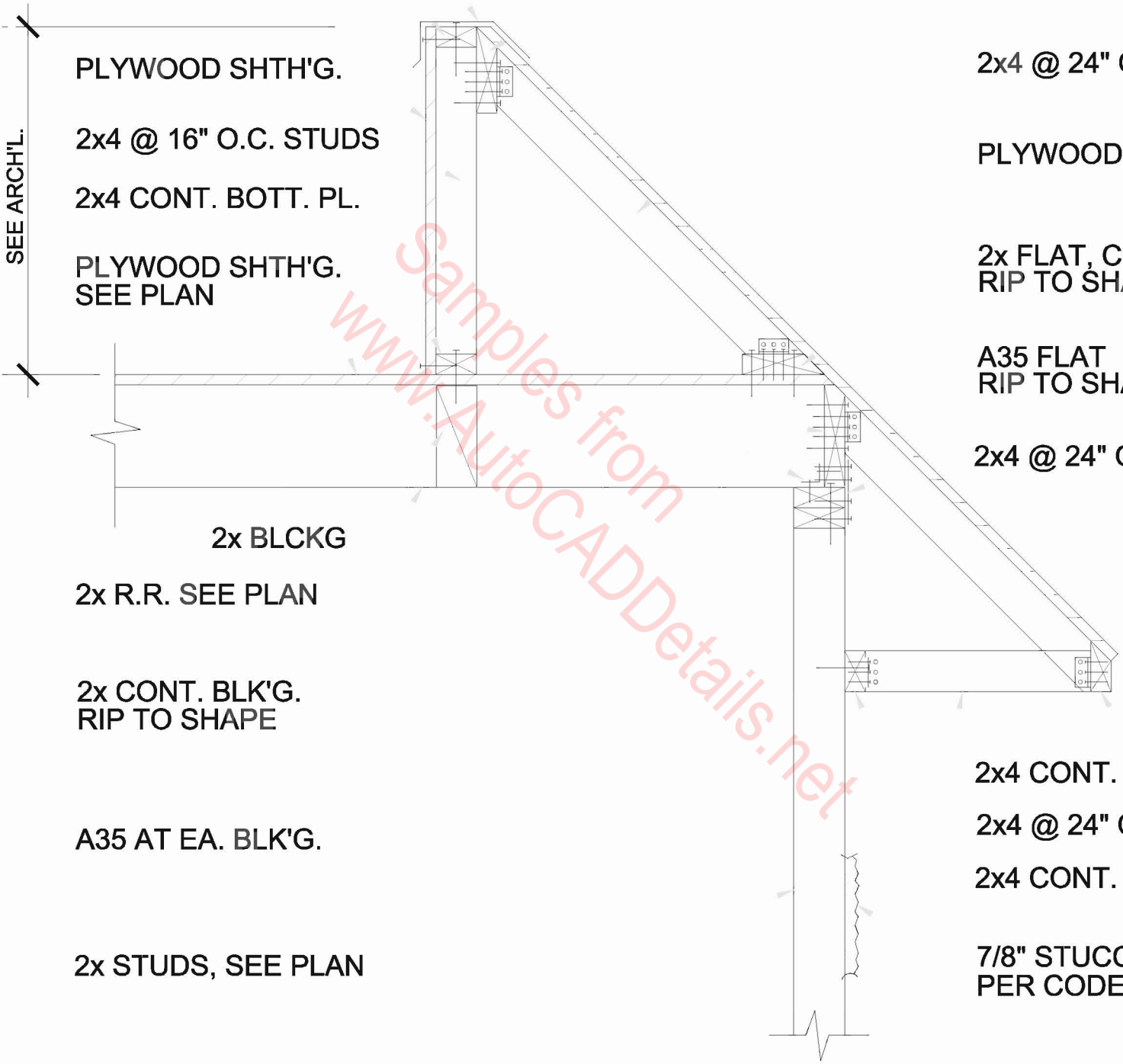
WALL JAMB FOR OPENINGS 4'-1" TO 6'-0" WIDE



WALL JAMB FOR OPENINGS 6'-1" TO 8'-0" WIDE

Samples from www.AutoCADDetails.net

TYPICAL LINTEL-CMU REINFORCING DETAIL



Samples from www.AutoCADDetails.net

TYPICAL MANSARD DETAIL

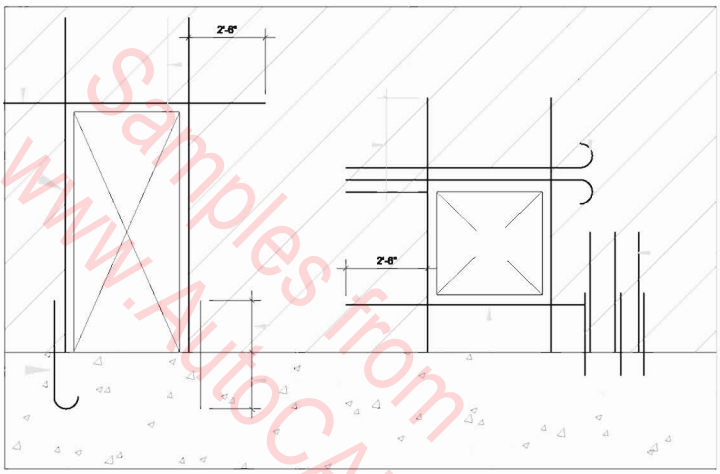
LINTEL REINF.

2-# 5 @ OPENING LESS THAN 5'-0"
2-# 6 @ OPENING 5'-0" TO 7'-0"

40 DIA OR 2'-0" WHICHEVER IS GREATER

WHERE EXTENSION IS NOT POSSIBLE, EXTEND BARS AS FAR AS POSSIBLE AND HOOK, TYP.

EXTEND JAMB BARS FL./FL. OR FL./RF. WHEN OPENING WIDTH IS MORE THAN 4'-0"



WALL REINF.

2- # 5

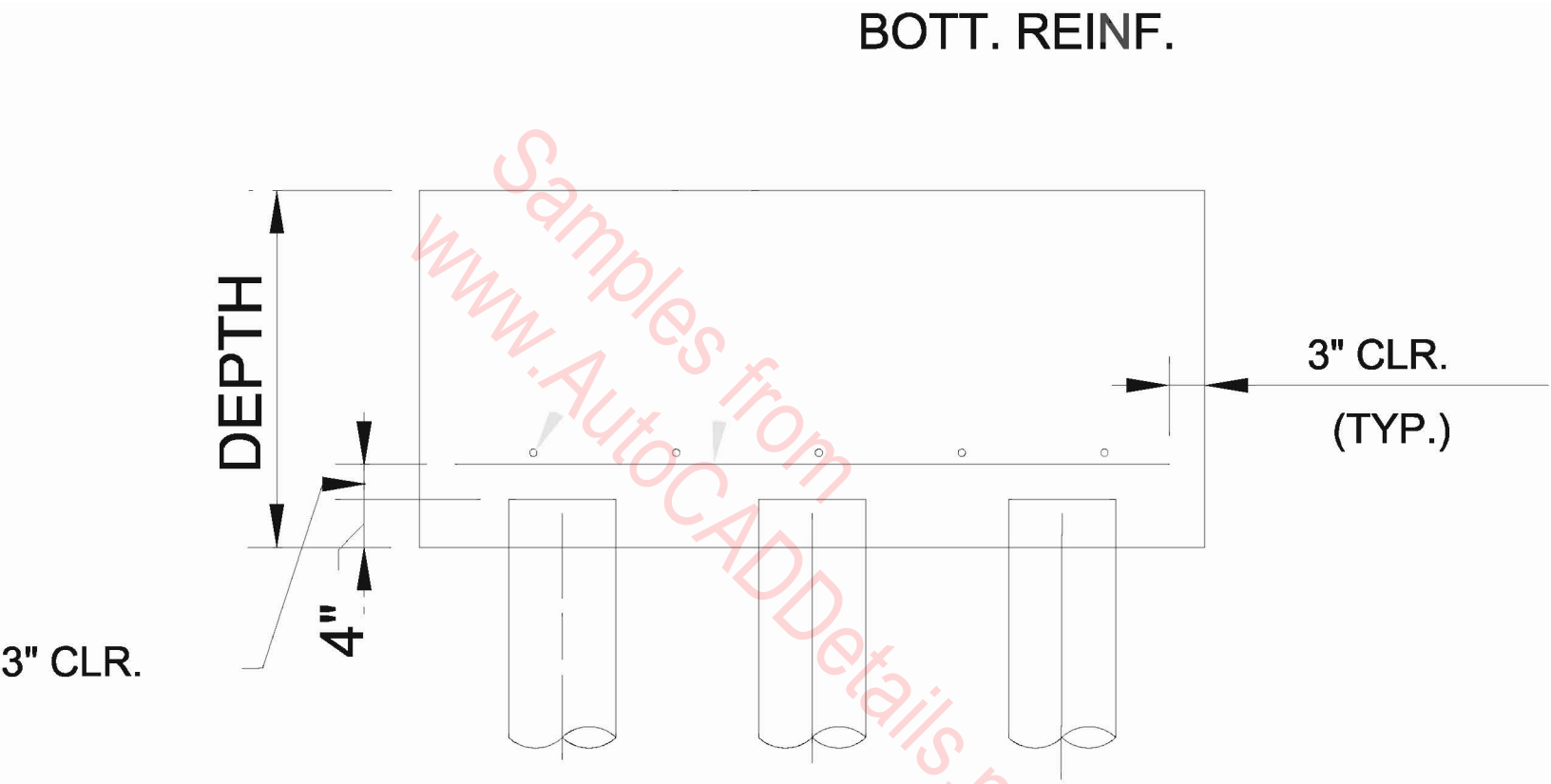
STD. HOOK WHERE EMBED. IS NOT POSSIBLE

40 DIA OR 2'-0" WHICHEVER IS GREATER. DOWELS TO MATCH JAMB BARS, TYP.

ELEVATION

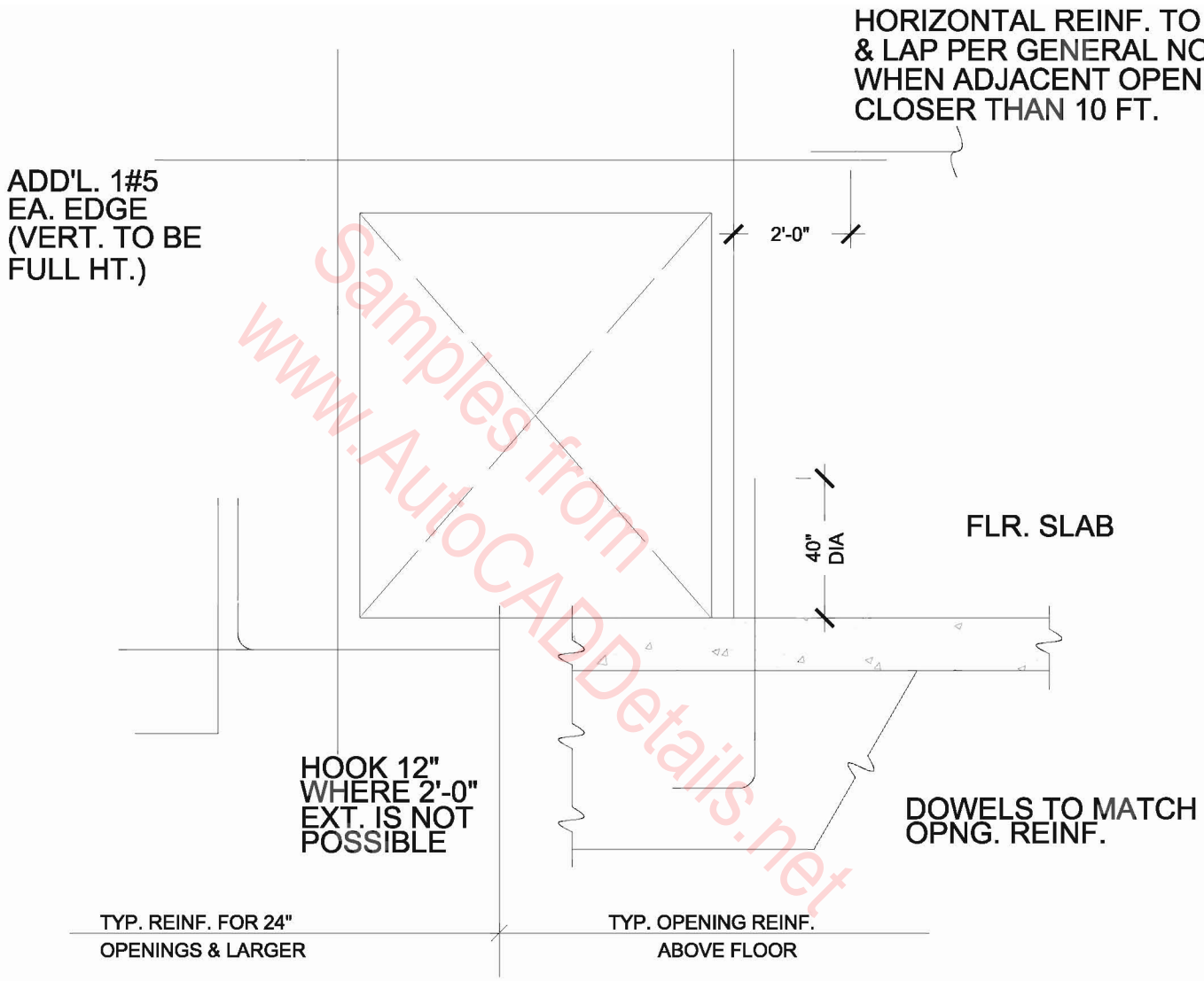
Samples from www.AutoCADDetails.net

TYPICAL MASONRY WALL OPENING



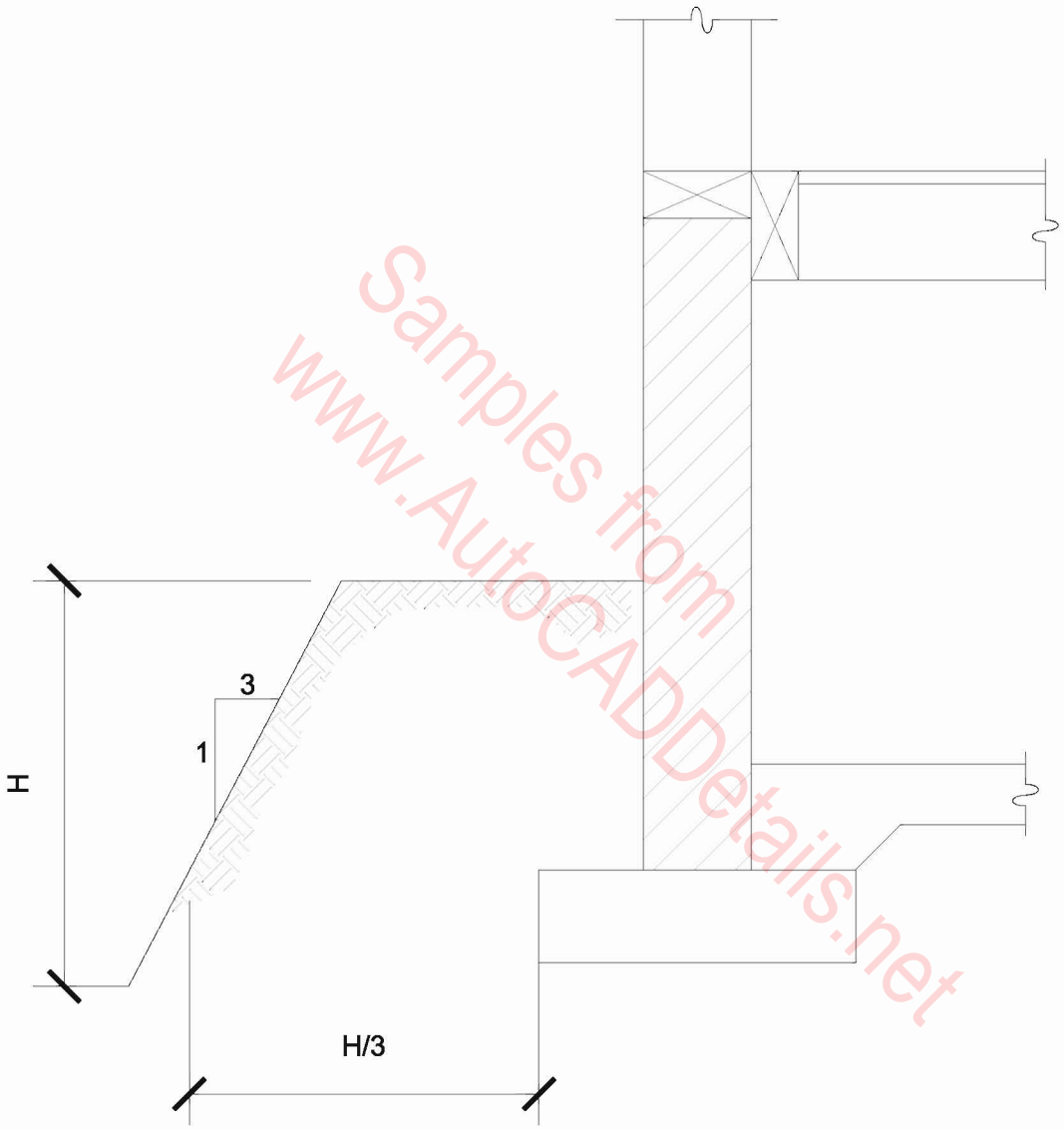
Samples from www.AutoCADDetails.net

Typical Pile Cap Evevation



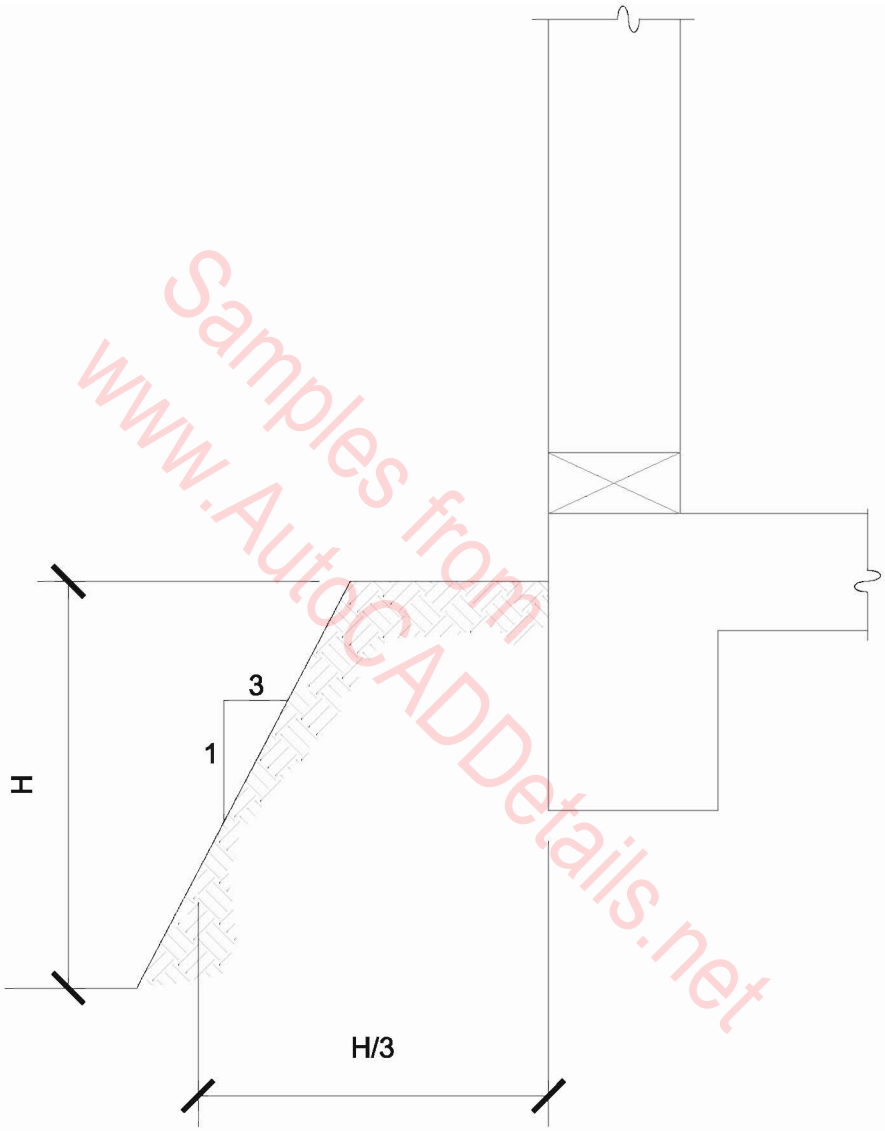
Samples from www.AutoCADDetails.net

TYP. REINF. AROUND OPENINGS IN MASONRY WALL



Samples from www.AutoCADDetails.net

TYPICAL SET BACK FOR FOOTINGS ON SLOPE



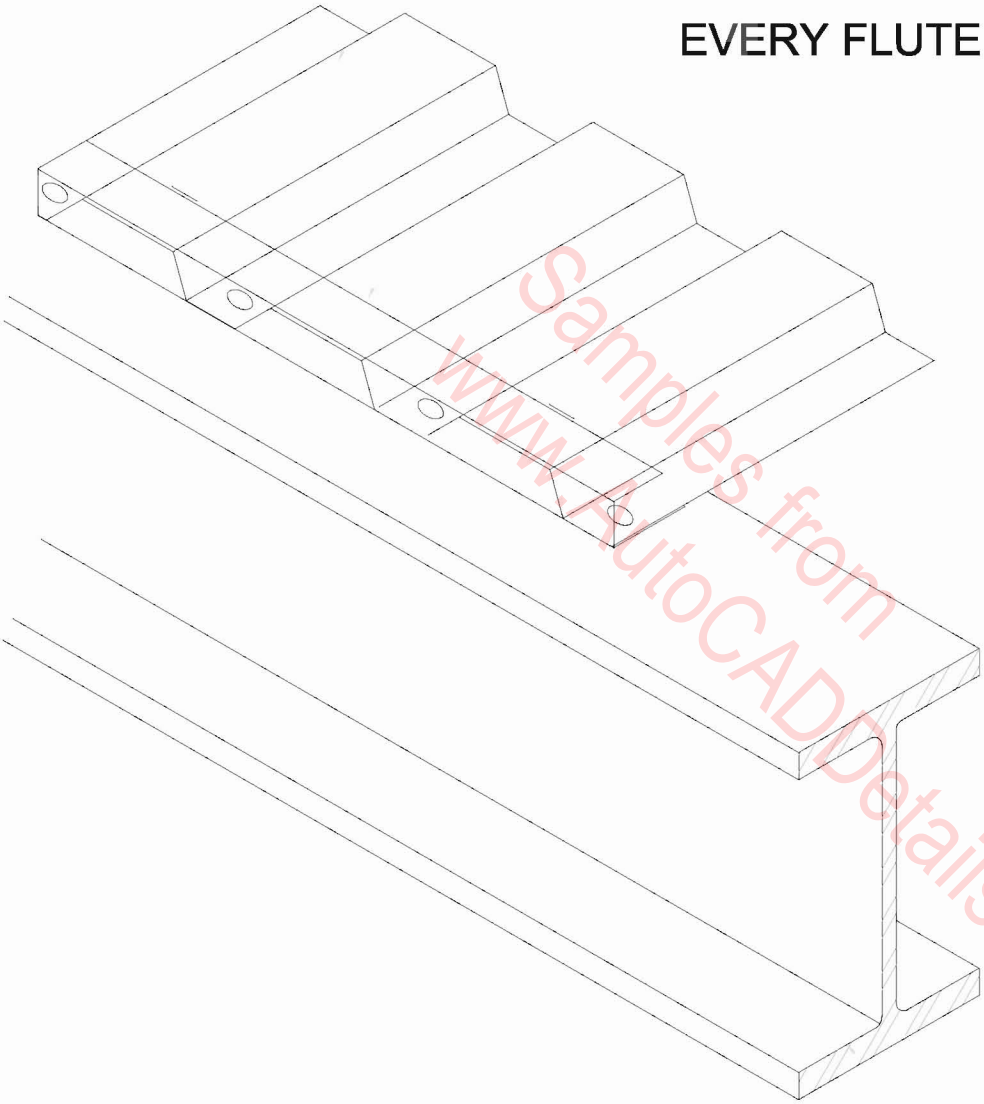
Samples from
www.AutoCADDetails.net

TYPICAL SET BACK FOR FOOTINGS ON SLOPE

ROOF DECK

1/16" WELD 1" LONG

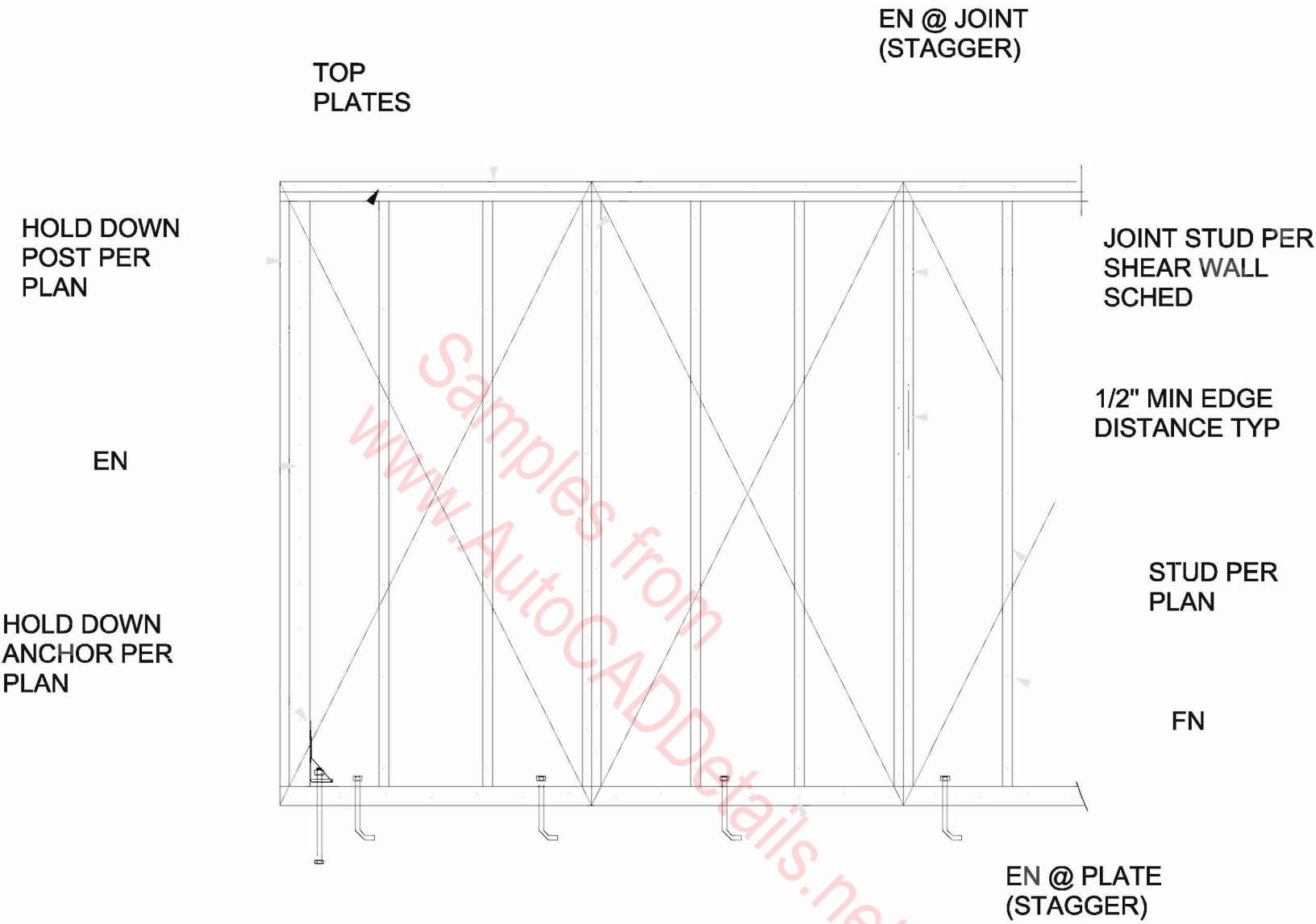
EVERY FLUTE



Samples from
www.AutoCADDetails.net

ST'L BEAM (W OR C),REF.

TYPICAL SHEAR TRANSFER

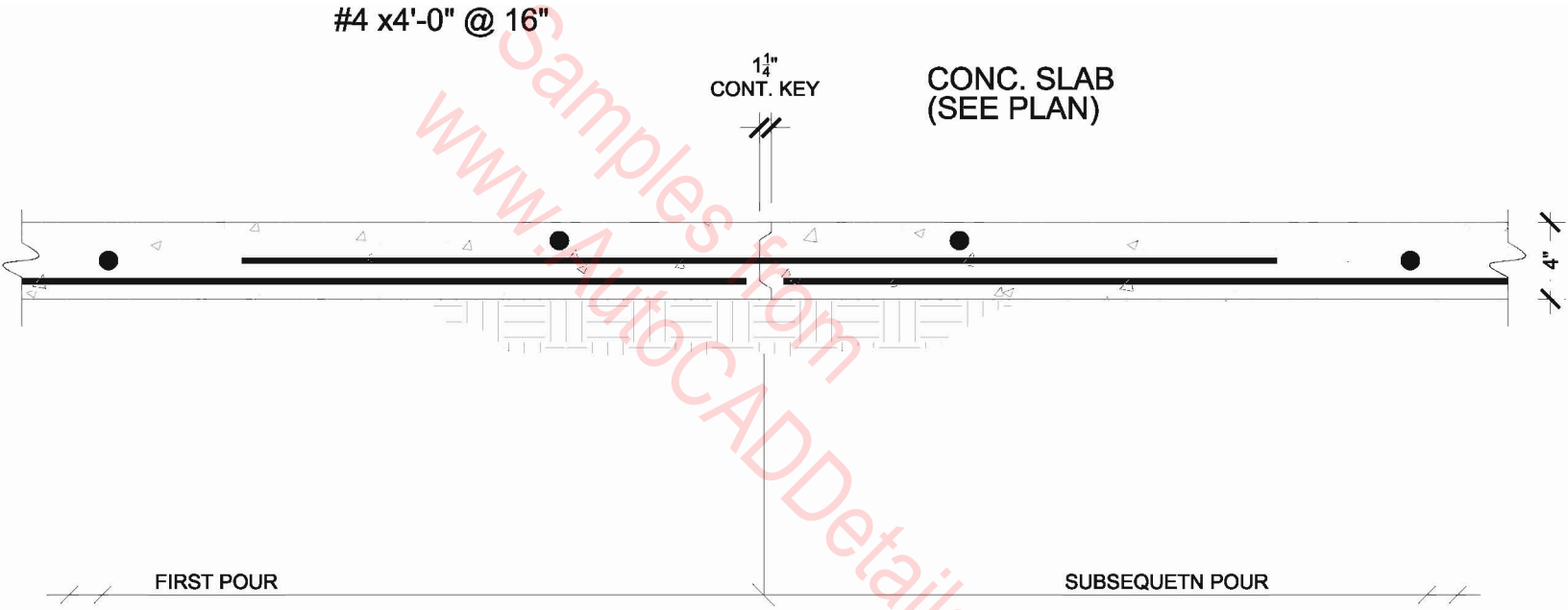


Samples from
www.AutoCADDetails.net

NOTES:

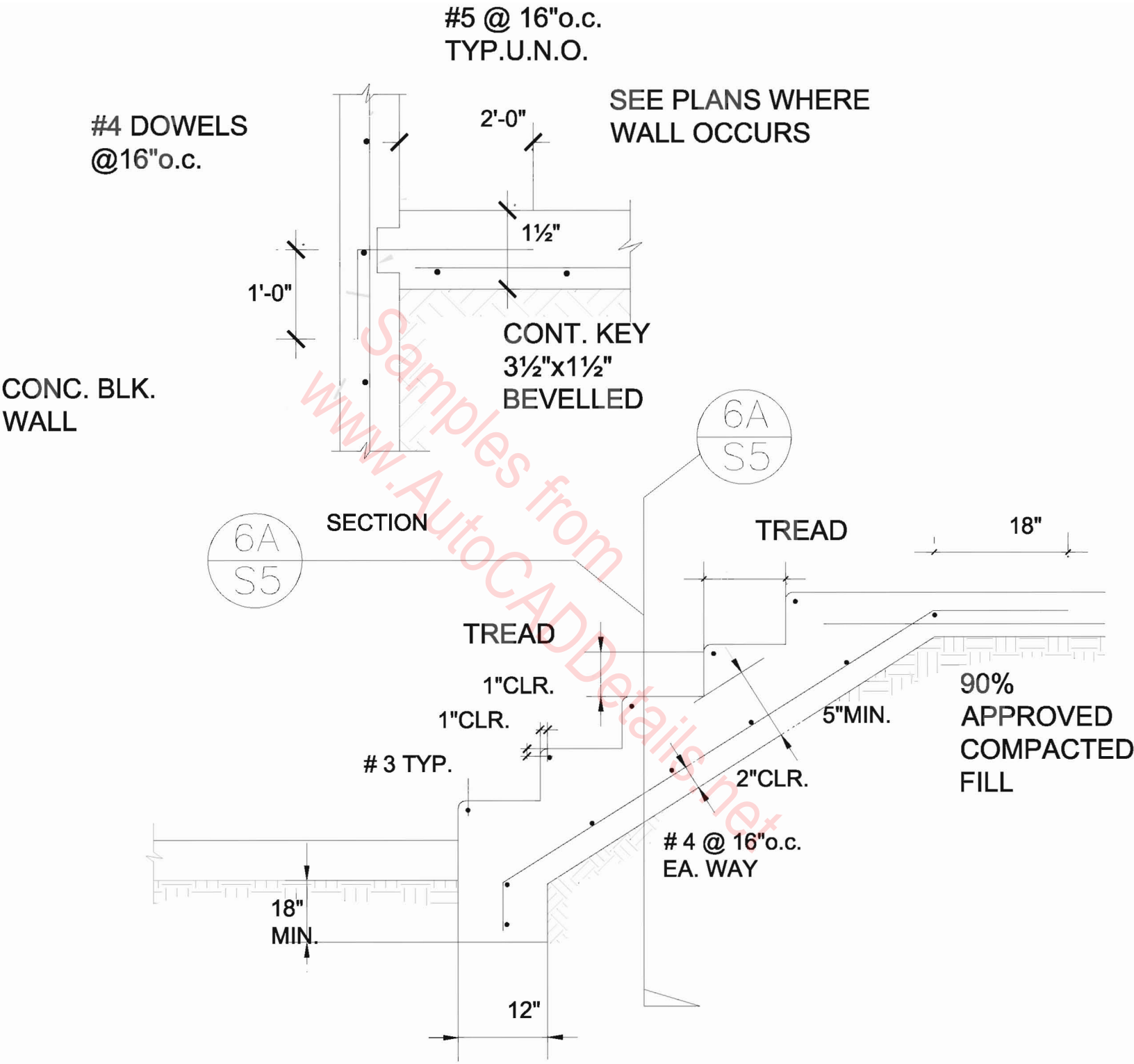
1) FOR ITEMS NOT NOTED SEE PLAN & SHEAR WALL SCHED.
2) MINIMUM PANEL DIMENSION IS 1'-0".
3) USE FULL SIZE PANELS WHERE POSSIBLE.
4) FIELD NAILING (FN) @ 12" ON.
5) 3x SOLID BLKG @ HORIZ JOINTS.

Typical Shearwall Elevation



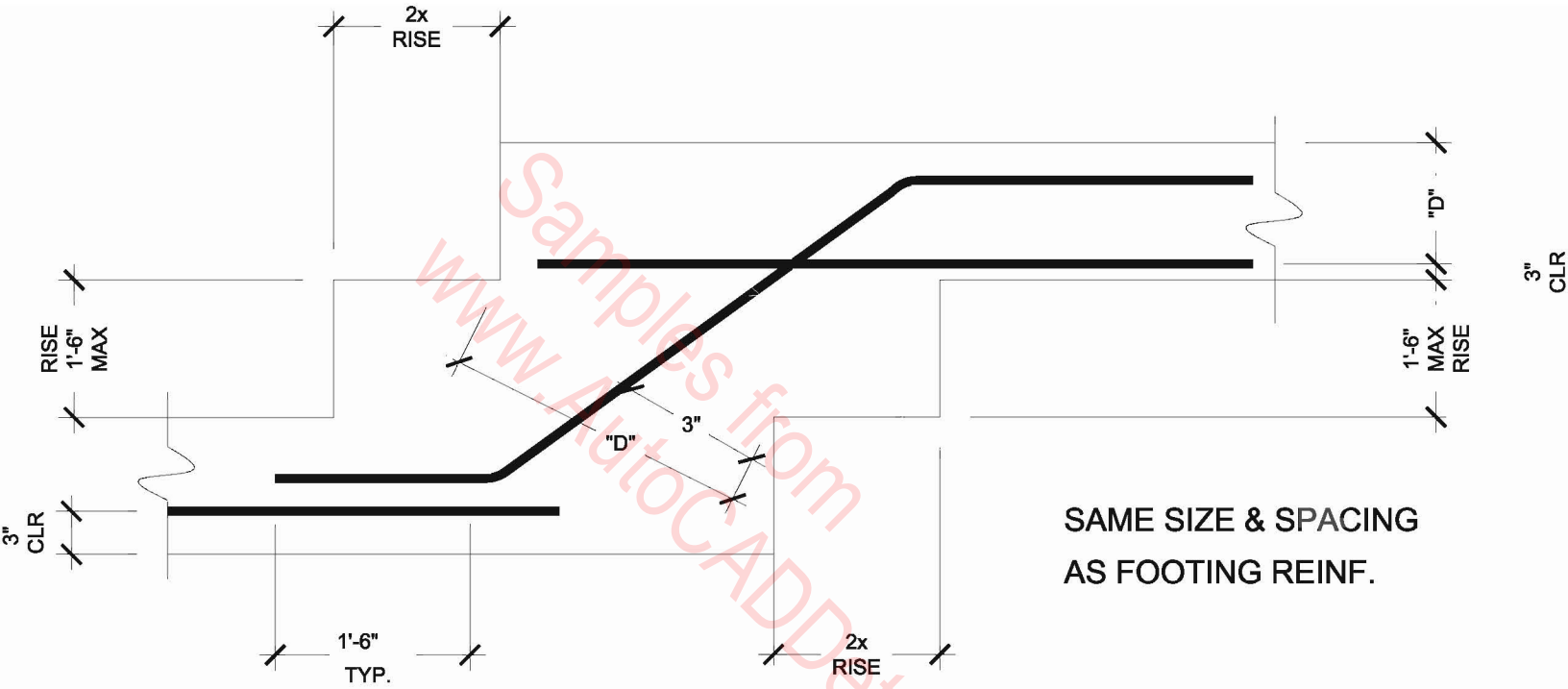
Samples from
www.AutoCADDetails.net

TYPICAL SLAB CONSTRUCTION JOINT



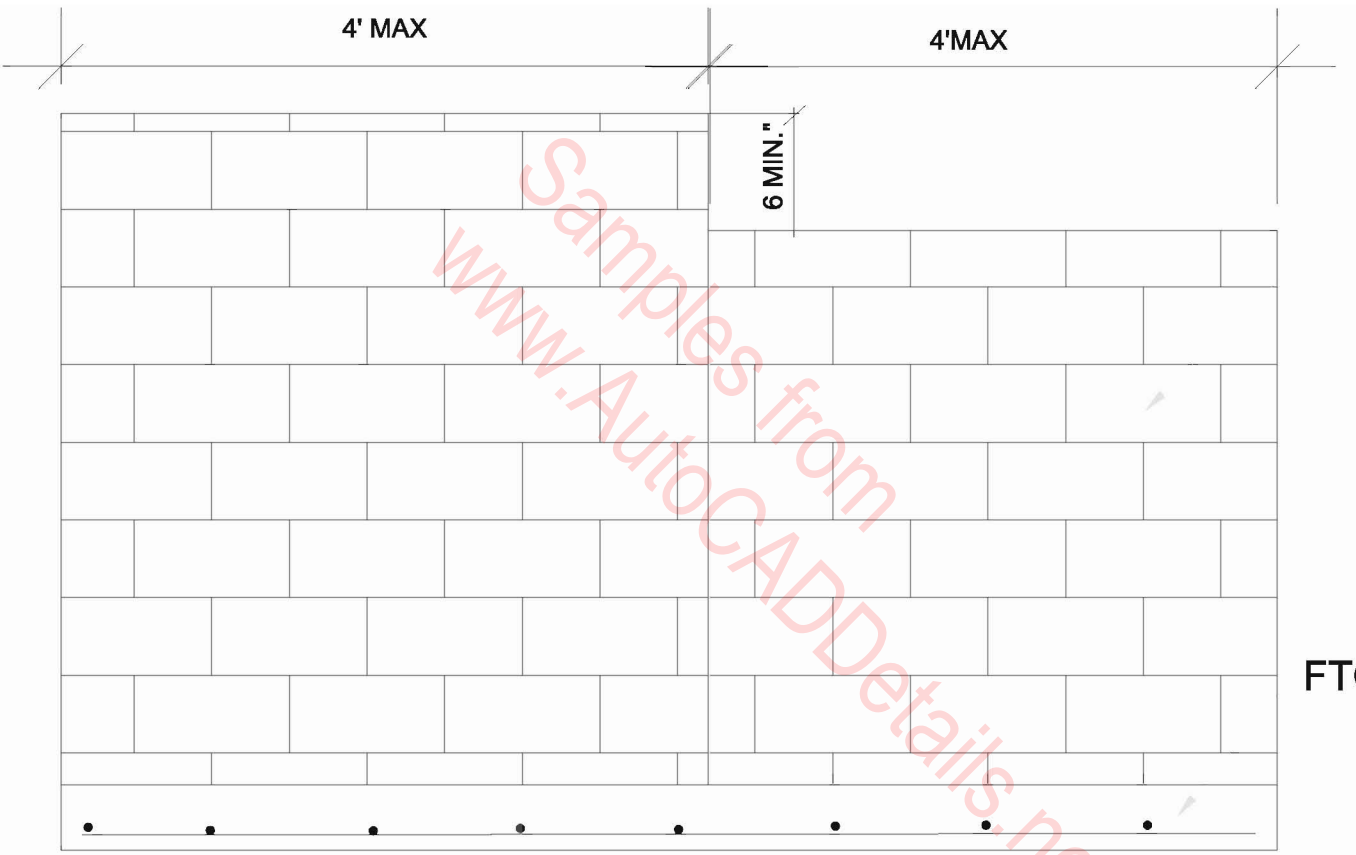
Samples from www.AutoCADDetails.net

TYPICAL STAIR ON GRADE



Samples from
www.AutoCADDetails.net

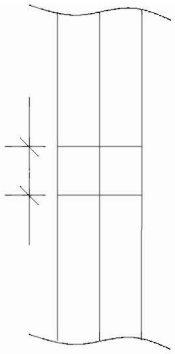
TYPICAL STEPPED FOOTING DETAIL



Samples from www.AutoCADDetails.net

TYP. STEPPED RETAINING WALL ELEV.

60% MAX STUD WIDTH BORE
2" DIA. MAX AT 2X4 STUD
3-1/4 DIA. MAX AT 2X6 STUD

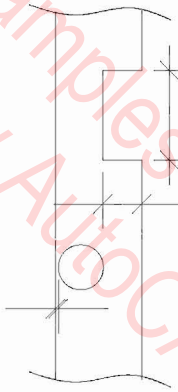


NOTES:

1. BORING OR MORE THAN TWO SUCCESSIVE DOUBLE STUDS IS NOT PERMITTED
2. NOTCHING AND BORING IS NOT TO OCCUR IN THE SAME STUD SECTION
3. THIS DETAIL IS NOT TO BE USED AT SHEAR WALLS WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER

DOUBLE STUDS

60% MAX STUD WIDTH BORE
2" DIA. MAX AT 2X4 STUD
3-1/4 DIA. MAX AT 2X6 STUD



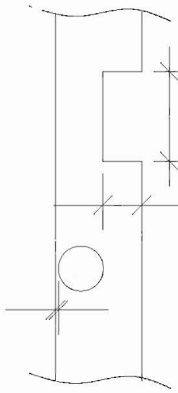
WIDTH OF STUD MAX.
TYP. ALL STUDS

40% MAX NOTCH
1-3/8" MAX AT 2X4 STUD
2-1/8" MAX AT 2X6 STUD

5/8" MIN EDGE DISTANCE
TYP. ALL STUD

NON-BEARING STUDS

40% MAX STUD WIDTH BORE
1-3/8" DIA. MAX AT 2X4 STUD
2-1/8" DIA. MAX AT 2X6 STUD



WIDTH OF STUD MAX.
TYP. ALL STUDS

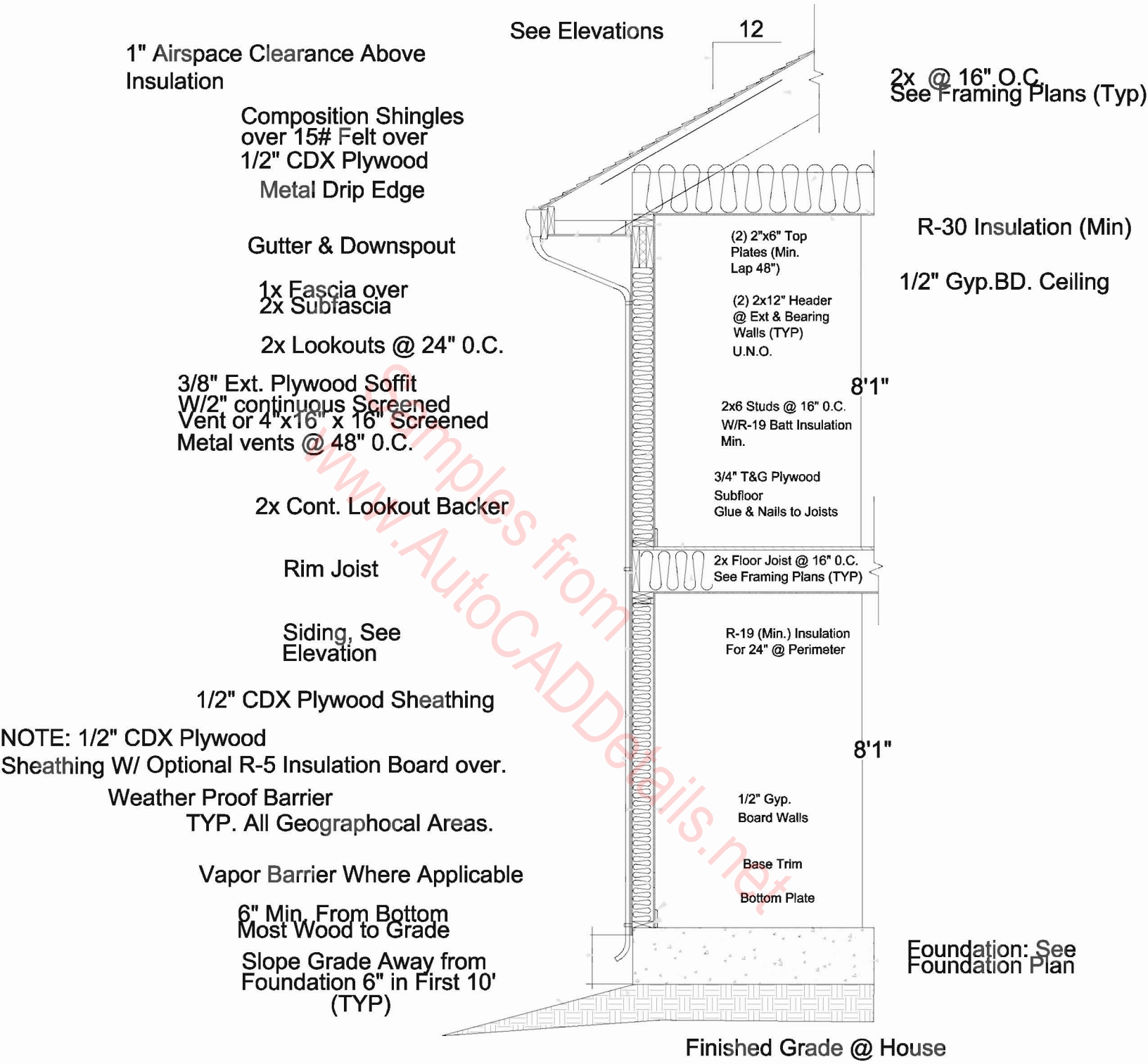
25% MAX NOTCH
7/8" MAX AT 2X4 STUD
1-3/8" MAX AT 2X6 STUD

5/8" MIN EDGE DISTANCE
TYP. ALL STUD

EXTERIOR AND BEARING STUDS

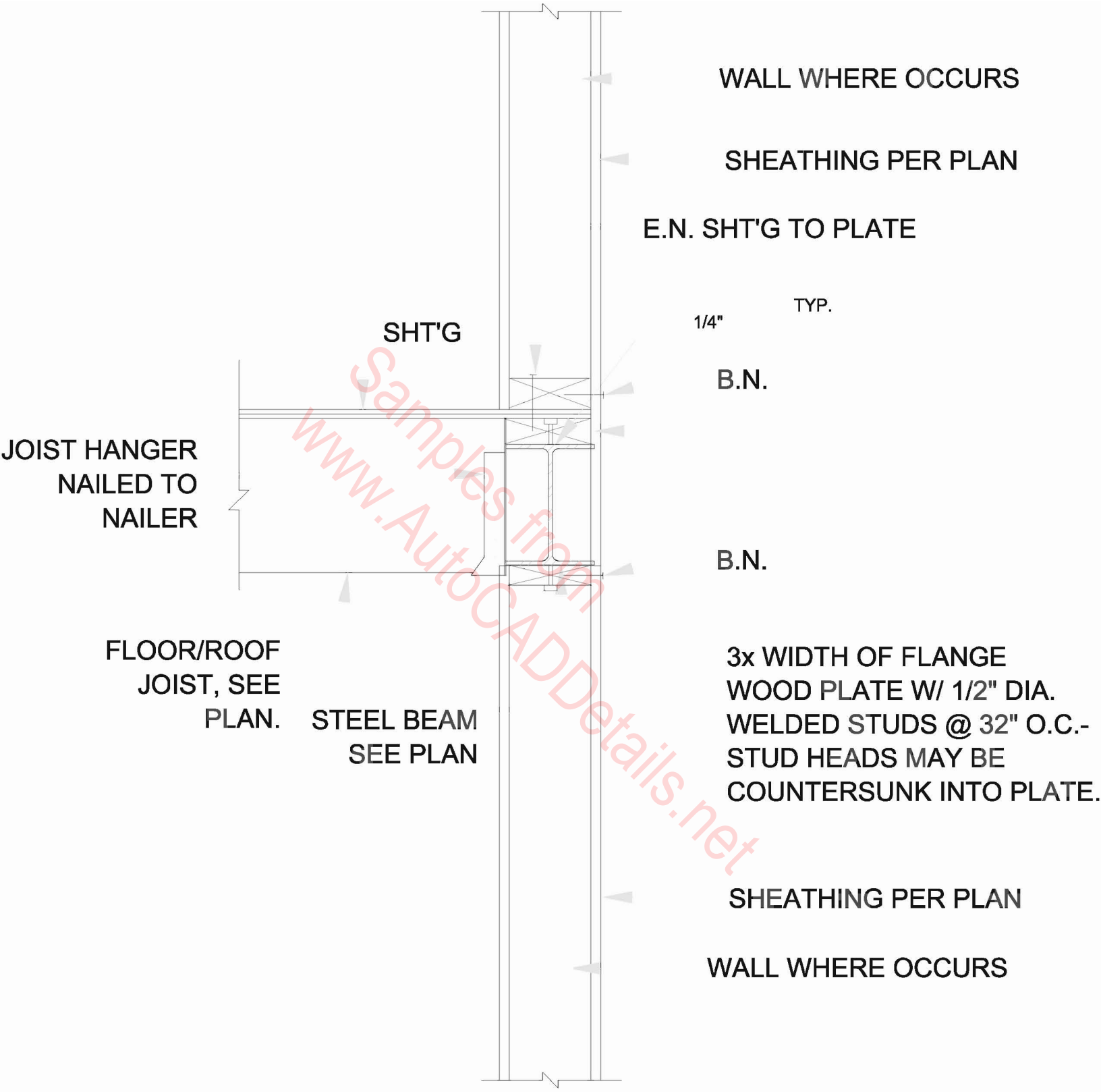
TYPICAL STUD NOTCHING

Samples from www.AutoCADDetails.net



Samples from www.AutoCADDetails.net

TYPICAL WALL SECTION
(2 Story)



Samples from www.AutoCADDetails.net

TYPICAL WOOD JOIST AT STEEL GIRDER

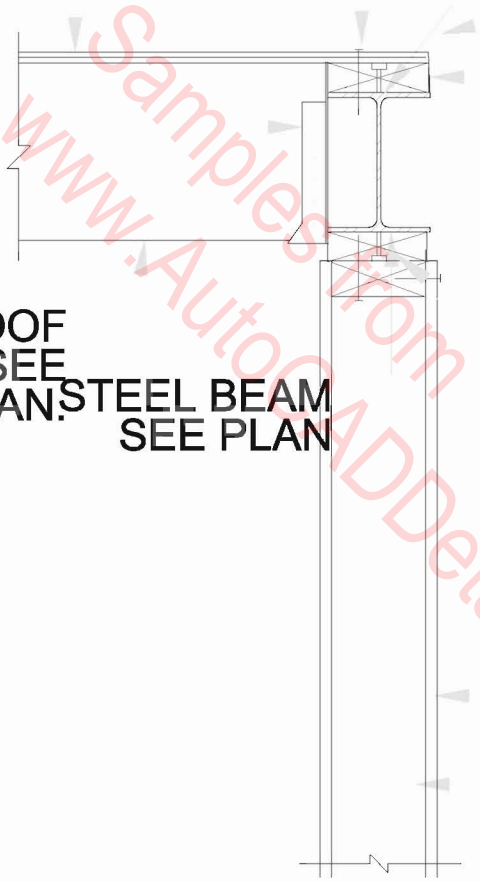
E.N. SHT'G TO PLATE

SHT'G

1/4" TYP.

B.N.

JOIST HANGER NAILED TO NAILER BLOCKING@ 4'-0" O.C. WHER PERP.



FLOOR/ROOF JOIST, SEE PLAN.

STEEL BEAM SEE PLAN

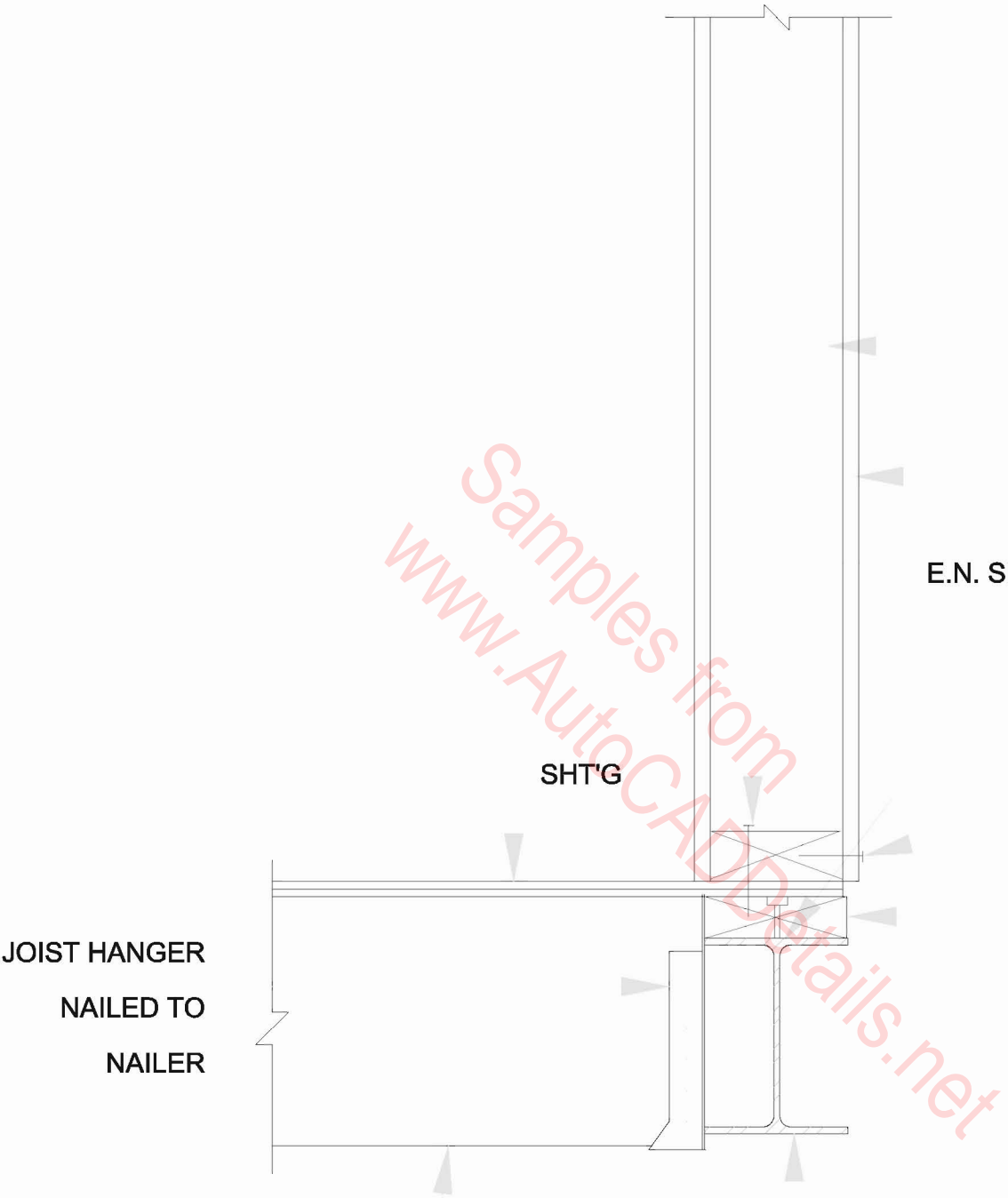
3x WIDTH OF FLANGE WOOD PLATE W/ 1/2" DIA. WELDED STUDS @ 32" O.C.- STUD HEADS MAY BE COUNTERSUNK INTO PLATE.

SHEATHING PER PLAN

WALL WHERE OCCURS

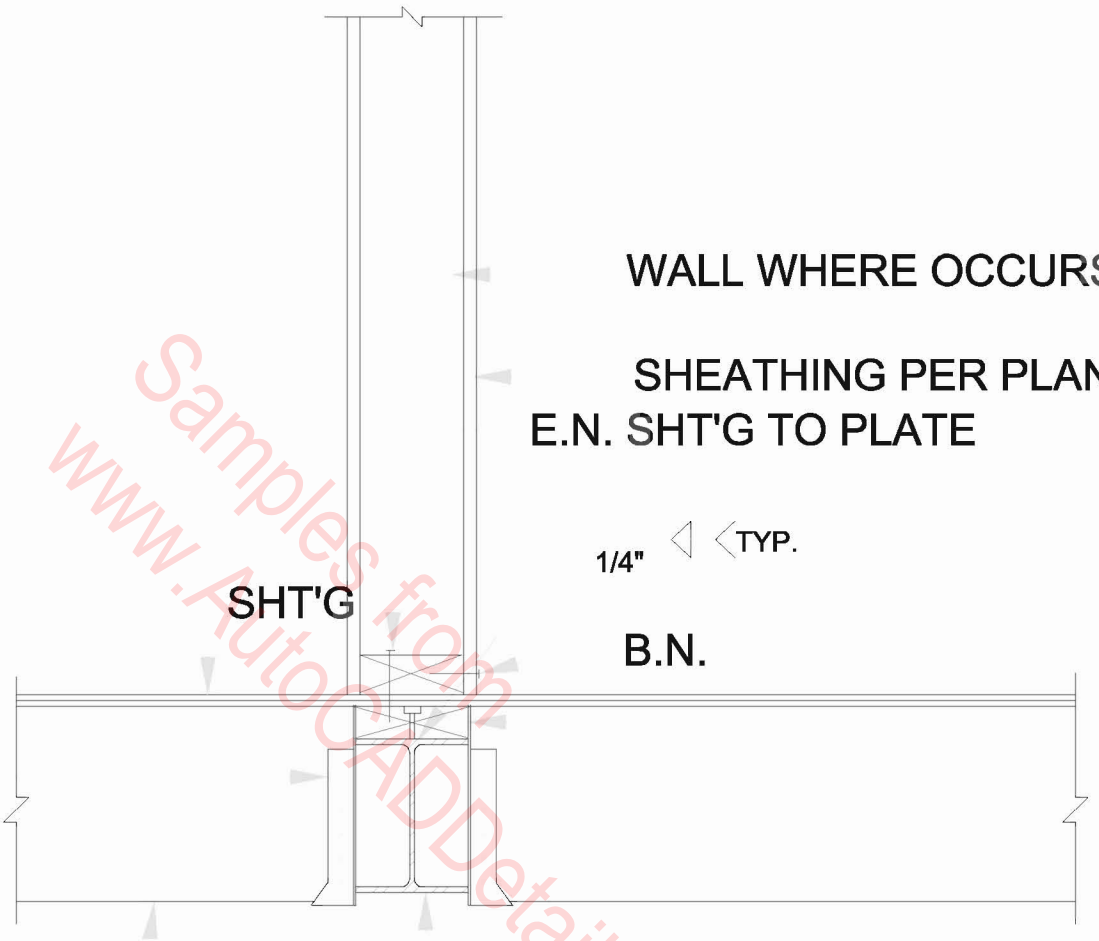
Samples from www.AutoCADDetails.net

TYPICAL WOOD JOIST AT STEEL GIRDER



Samples from www.AutoCADDetails.net

TYPICAL WOOD JOIST AT STEEL GIRDER



Samples from www.AutoCADDetails.com

TYPICAL WOOD JOIST AT STEEL GIRDER

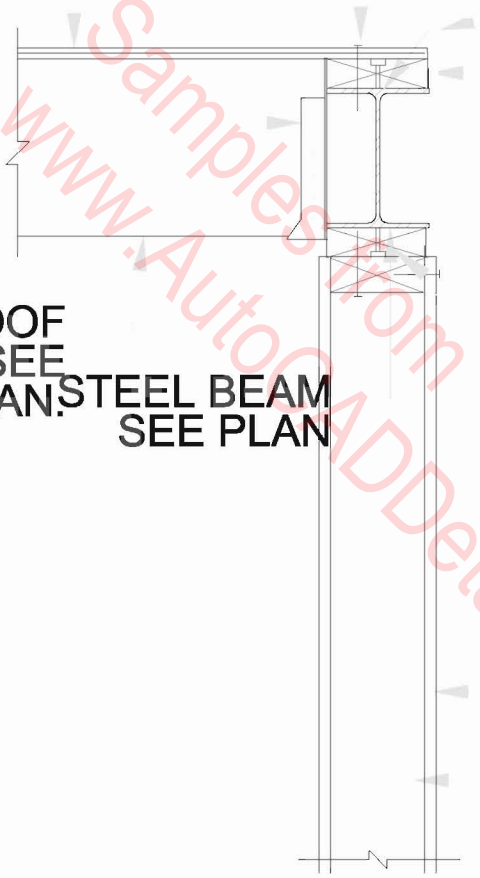
E.N. SHT'G TO PLATE

SHT'G

1/4" TYP.

B.N.

JOIST HANGER NAILED TO NAILER BLOCKING@ 4'-0" O.C. WHER PERP.



FLOOR/ROOF JOIST, SEE PLAN.

STEEL BEAM SEE PLAN

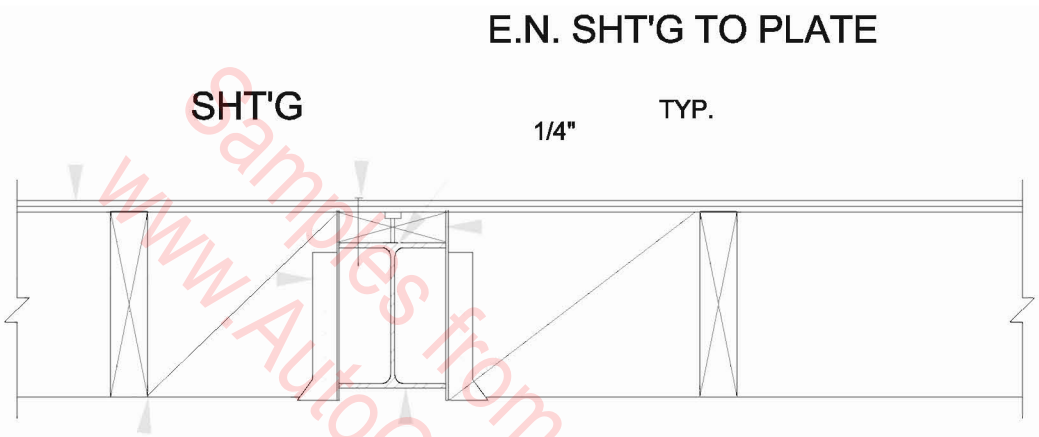
3x WIDTH OF FLANGE WOOD PLATE W/ 1/2" DIA. WELDED STUDS @ 32" O.C.- STUD HEADS MAY BE COUNTERSUNK INTO PLATE.

SHEATHING PER PLAN

WALL WHERE OCCURS

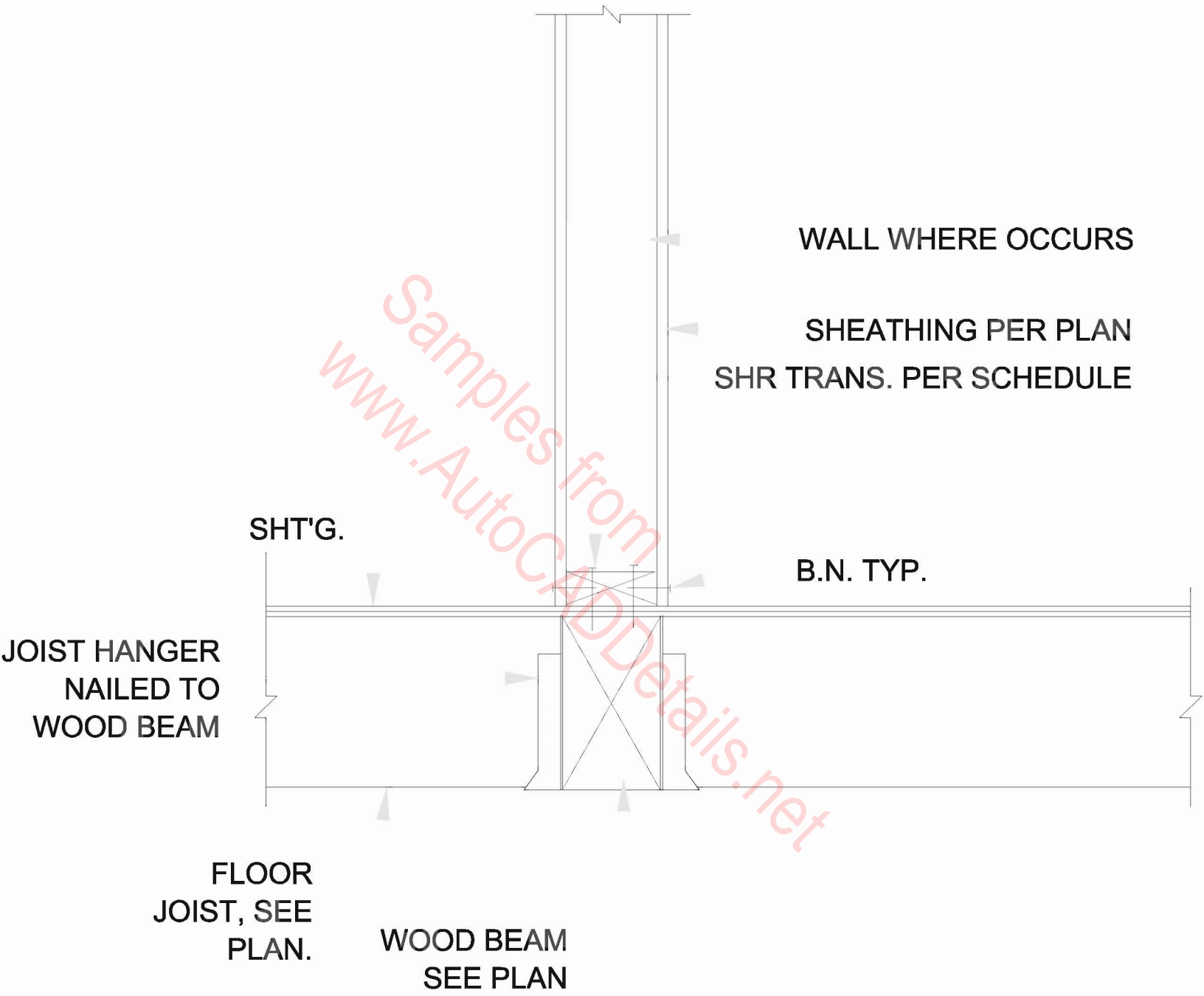
Samples from www.AutoCADDetails.net

TYPICAL WOOD JOIST AT STEEL GIRDER



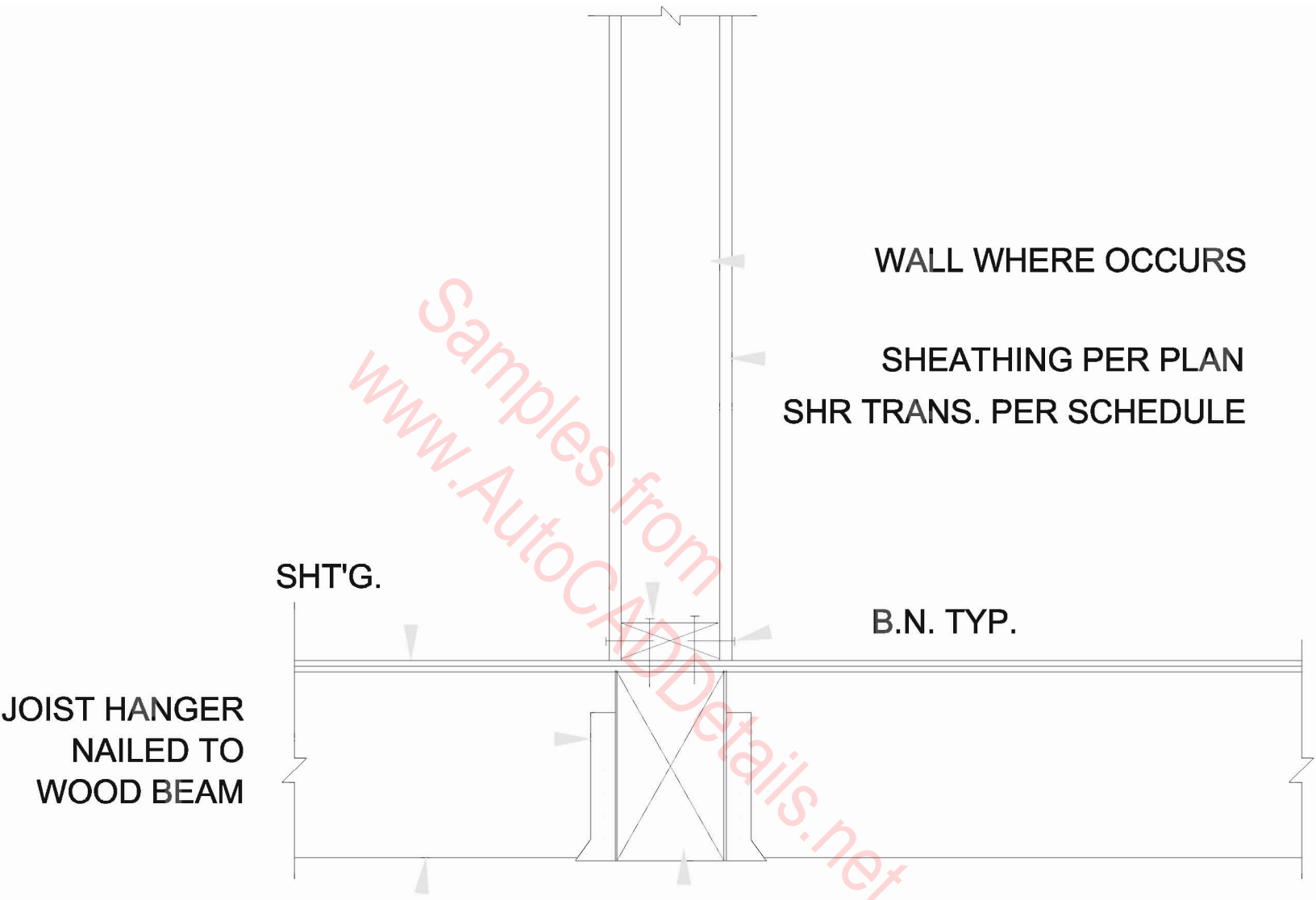
Samples from www.AutoCADDetails.net

TYPICAL WOOD JOIST AT STEEL GIRDER (DT69)



Samples from
www.AutoCADDetails.net

TYPICAL WOOD JOIST AT WOOD BEAM



Samples from
www.AutoCADDetails.net

TYPICAL WOOD JOIST AT WOOD BEAM

WIRE TIES
TYPICAL

SLOPE 1:6 MAX.
FOR COL REINF'G.

DOWELS OR BAR
3'-7"
FROM BELOW

Samples from
www.AutoCADDetails.net

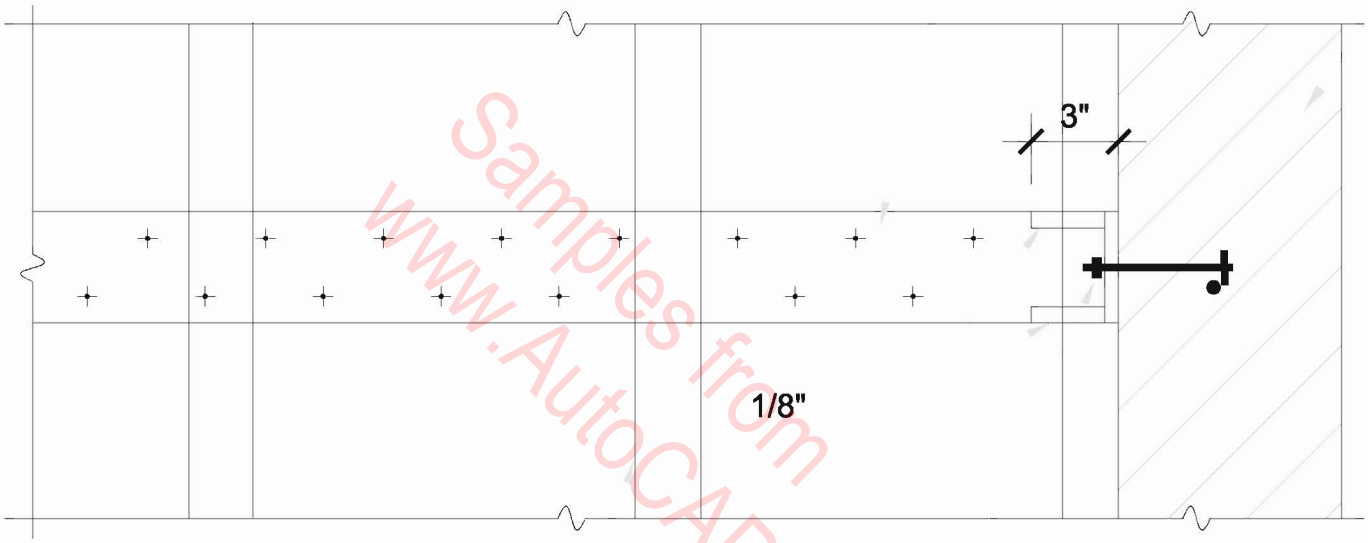
NOTES:

1. ALL VERTICAL REINFORCING FOR COLUMNS PIERS & WALLS SHALL BE DOWELED AS SHOWN EXCEPT SPECIFIC DETAILS ON DRAWINGS SHALL GOVERN IN CASES OF CONFLICT.
2. DOWELS SHALL BE THE SAME GRADE SIZE AND NUMBER AS VERTICAL REINFORCING.

VERTICAL REINF. LAP SPLICE

BENT 3" WIDE x $\frac{1}{8}$" THK. x 48" LONG STRAP, OVER
4x12 BLK'G @16"OC w/ SDS 1/4"X2" SCREW
STAGG'D. BEND END OF STRAP 3" AND WELD TO
SIDE GUSSETT PLATES.(INSTALLED @ THE BOTTOM)

CMU WALL,REF.



1/2" THK. SQ. WASHER
w/5/8"Øx A.B
w/ 1/4"'x3" PLATE
(5" MIN EMB.)

R.R., OR F.J., REF.

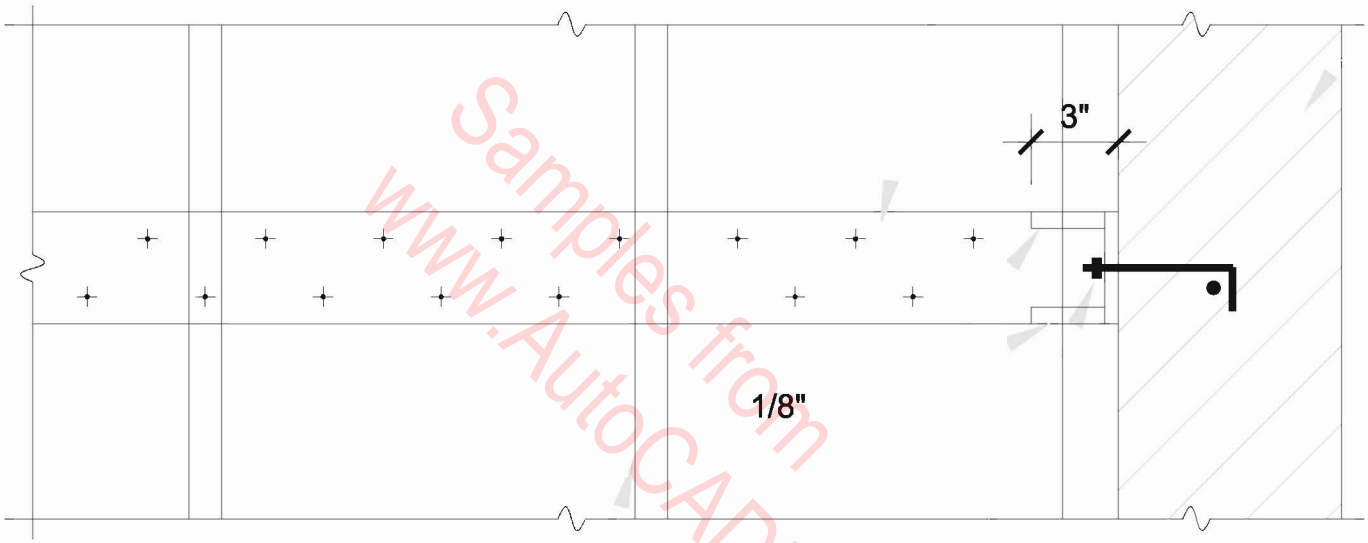
PLAN VIEW

Samples from
www.AutoCADDetails.net

WALL ANCHOR

BENT 3" WIDE x $\frac{1}{8}$" THK. x 48" LONG STRAP, OVER
4x12 BLK'G, w/ SDS8X1.25 SCREW
STAGG'D. BEND END OF STRAP 3" AND WELD TO
SIDE GUSSETT PLATES.

CMU WALL,REF.



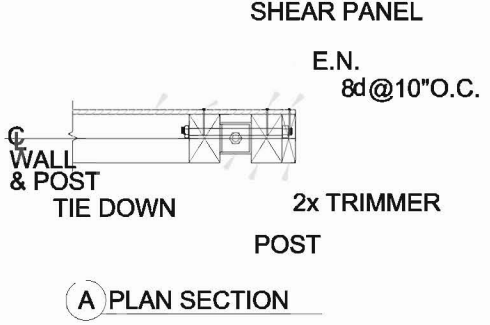
1/2" THK. SQ. WASHER
w/5/8"Øx7" "J" BOLT

R.R., OR F.J., REF.

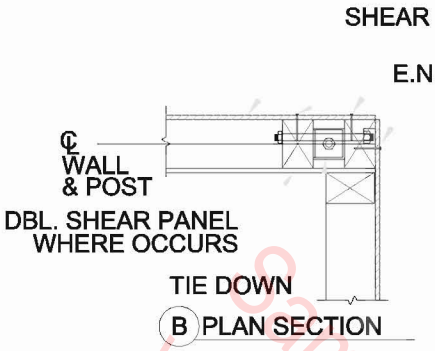
PLAN VIEW

WALL ANCHOR

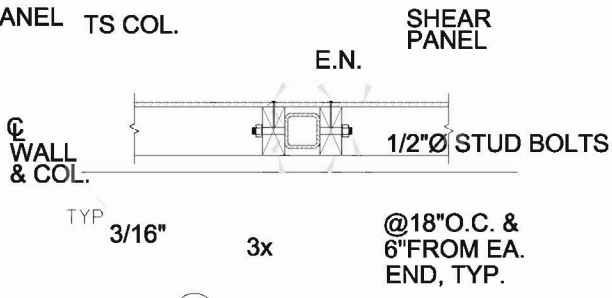
Samples from
www.AutoCADDetails.net



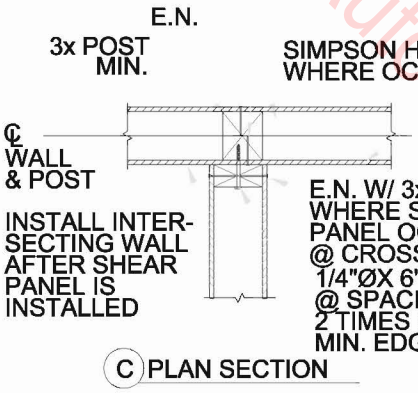
A PLAN SECTION



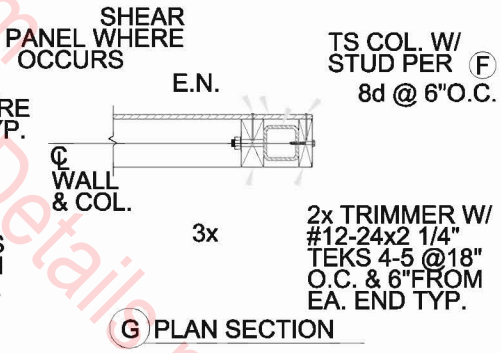
B PLAN SECTION



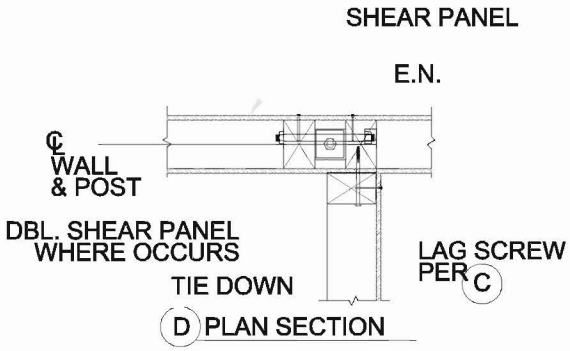
F PLAN SECTION



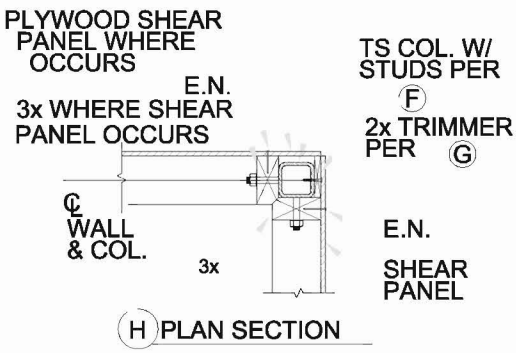
C PLAN SECTION



G PLAN SECTION



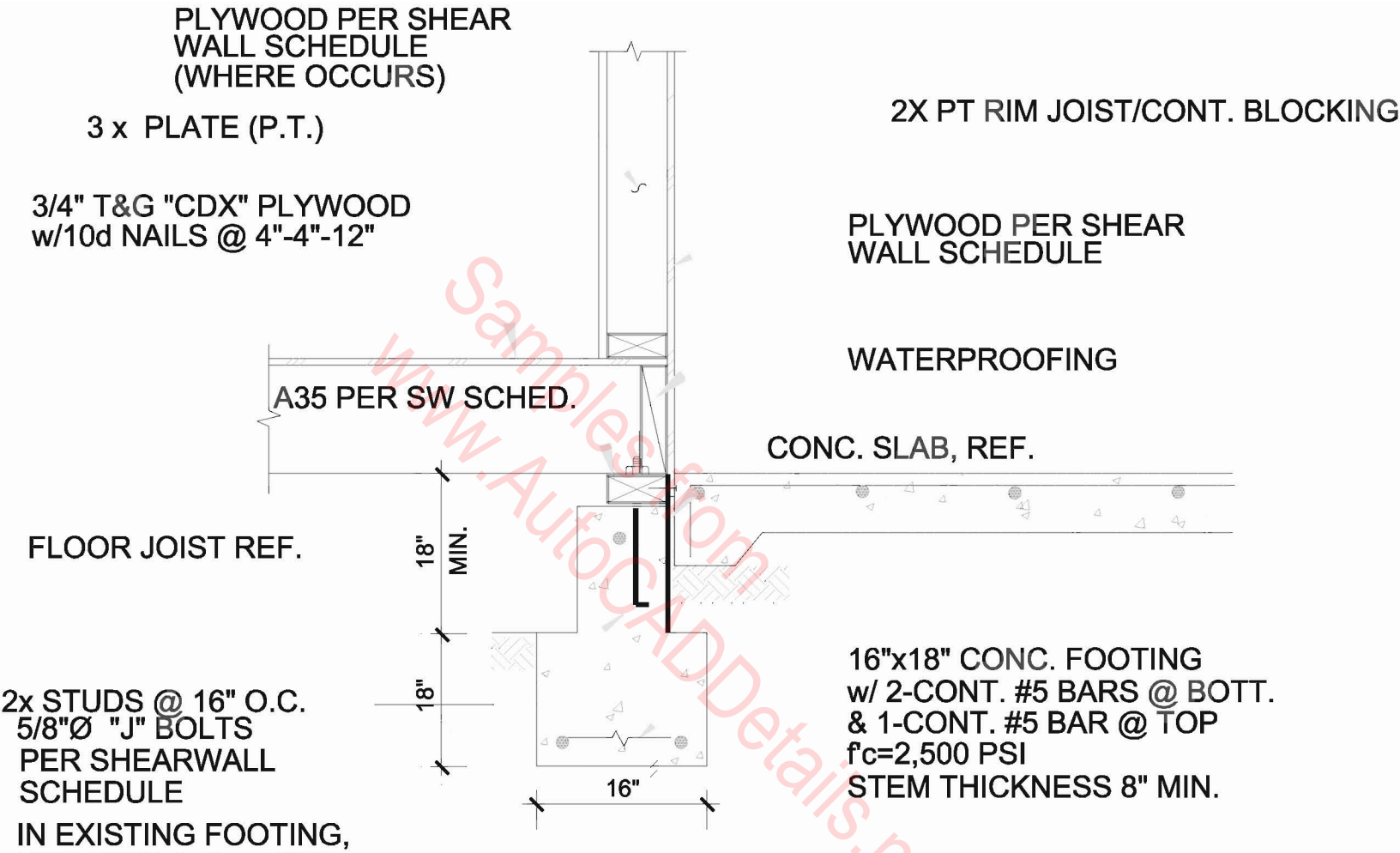
D PLAN SECTION



H PLAN SECTION

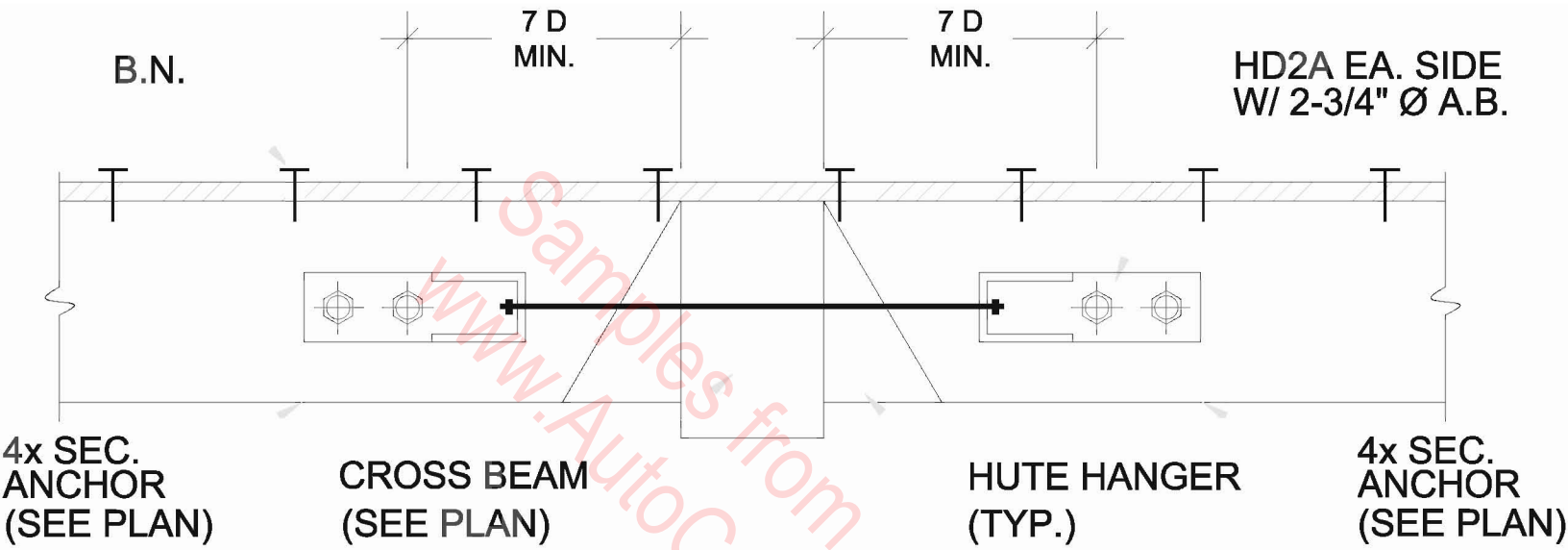
Samples from www.AutoCADDetails.net

WALL CORNERS & INTERSECTIONS



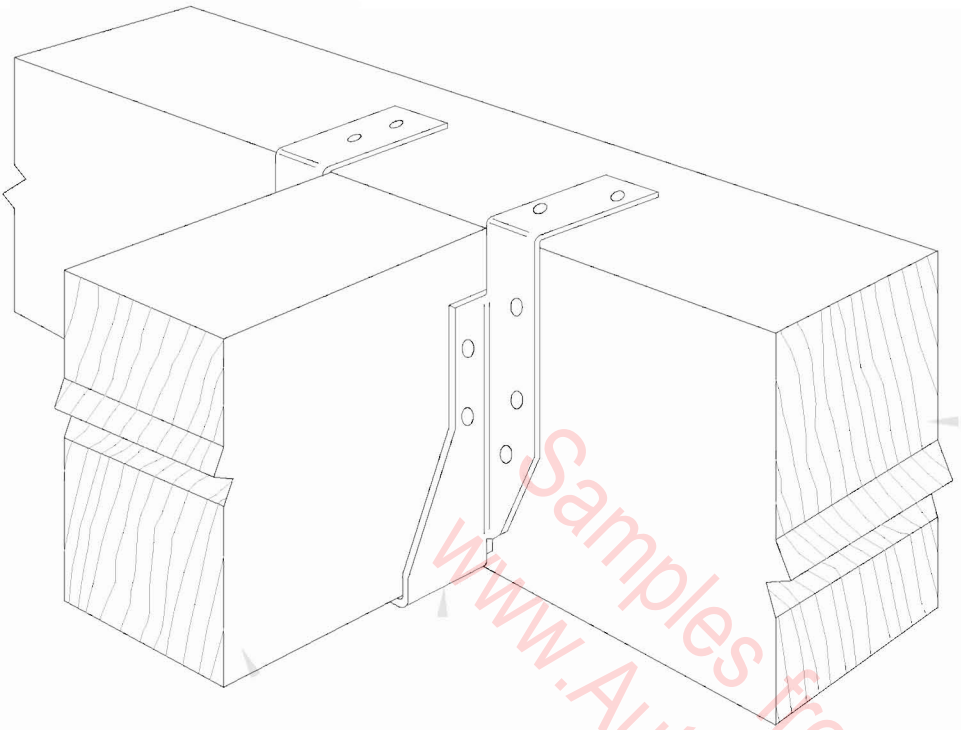
Samples from www.AutoCADDetails.net

WALL FOOTING & SLAB DETAIL



Samples from
www.AutoCADDetails.net

WD BEAM-SEC ANCHOR DETAIL



WOOD BEAM, REF.

HUxxxTF, REF.

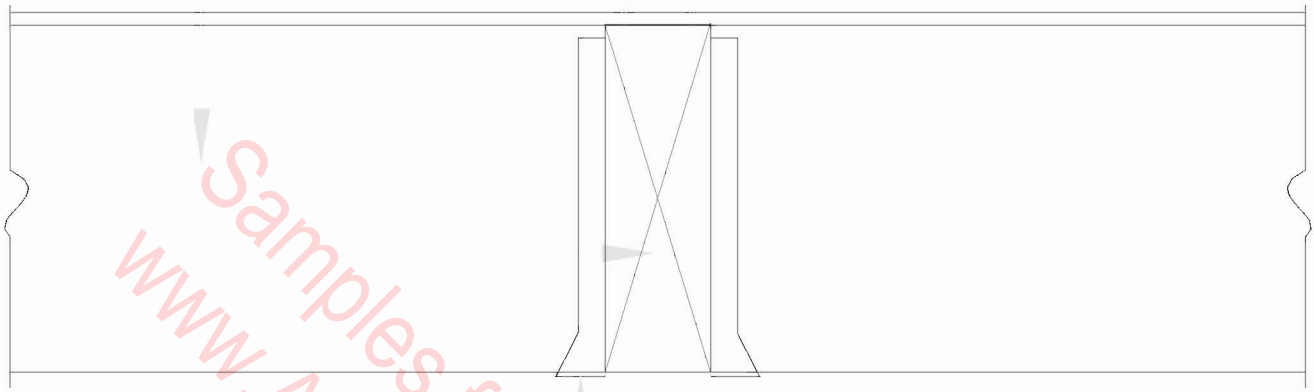
WOOD BEAM, REF.

Samples from
www.AutoCADDetails.net

WD BEAM-WD BEAM DETAIL

B.N.

FLOOR JOIST REF.



WOOD BEAM
PER PLAN

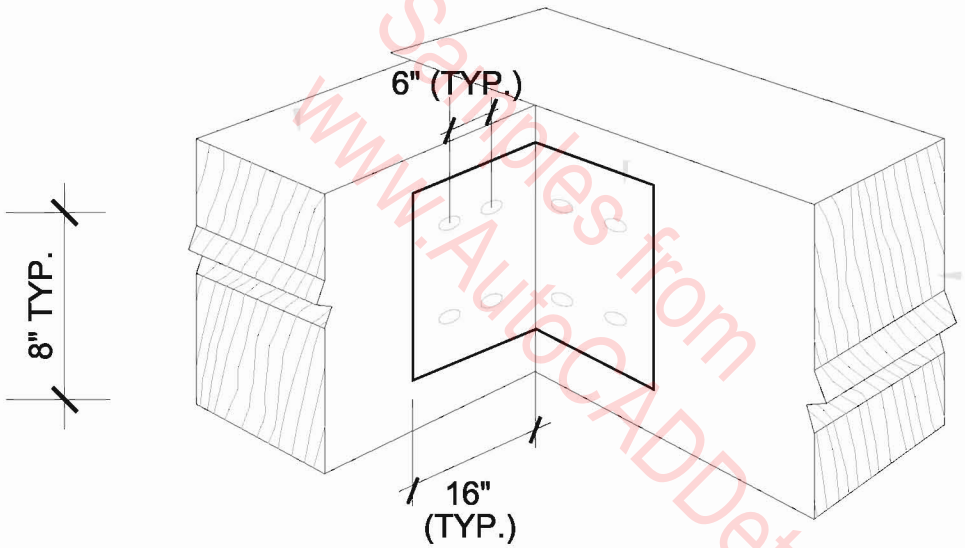
U HANGER

Samples from
www.AutoCADDetails.net

WD BEAM -WD BEAM DETAIL

BENT PL. 32"x8"x1/2"
w/ 8-3/4"Ø M.B. w/
WASHER & NUT
SQ. WASHER REQ'D

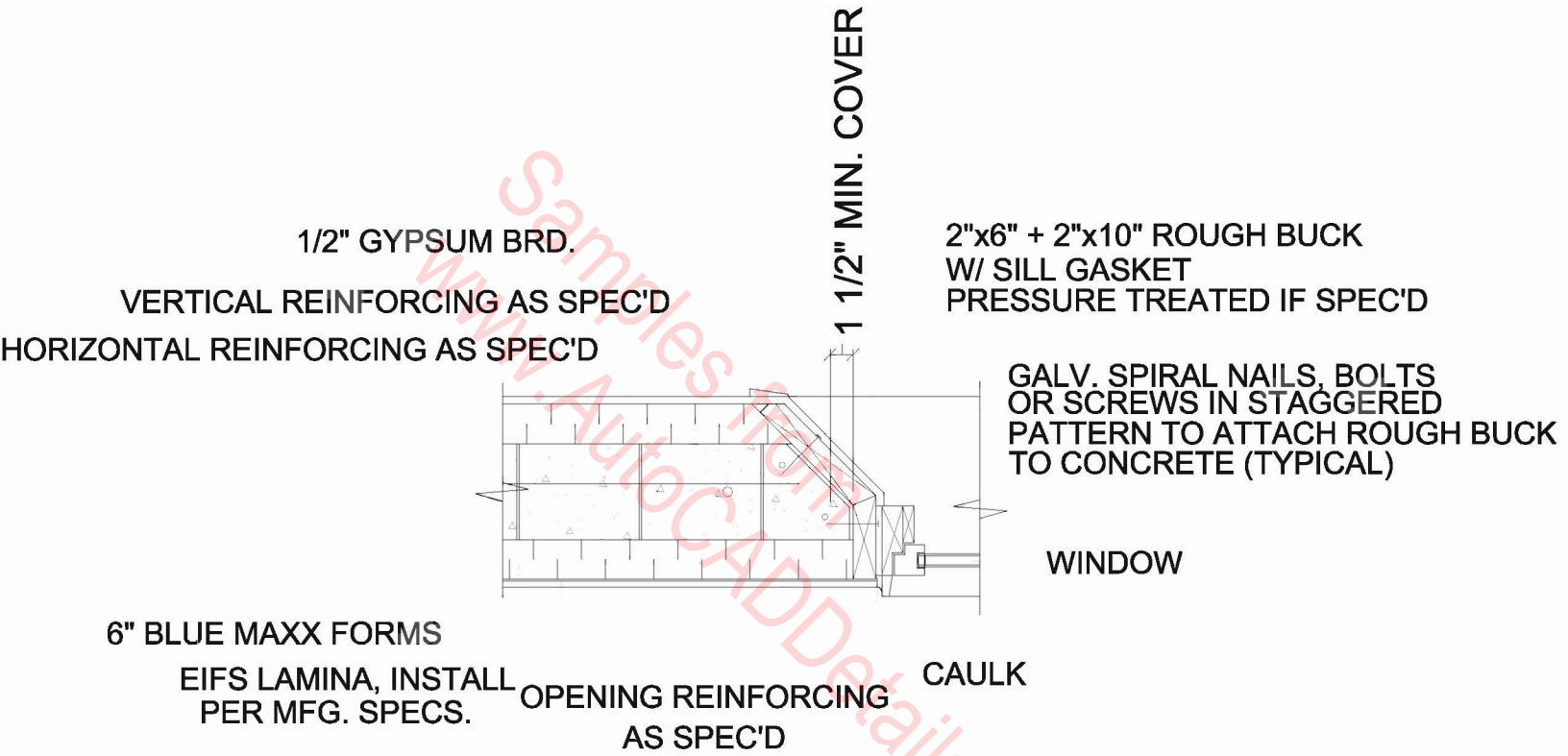
WOOD BEAM, REF.



WOOD BEAM, REF.

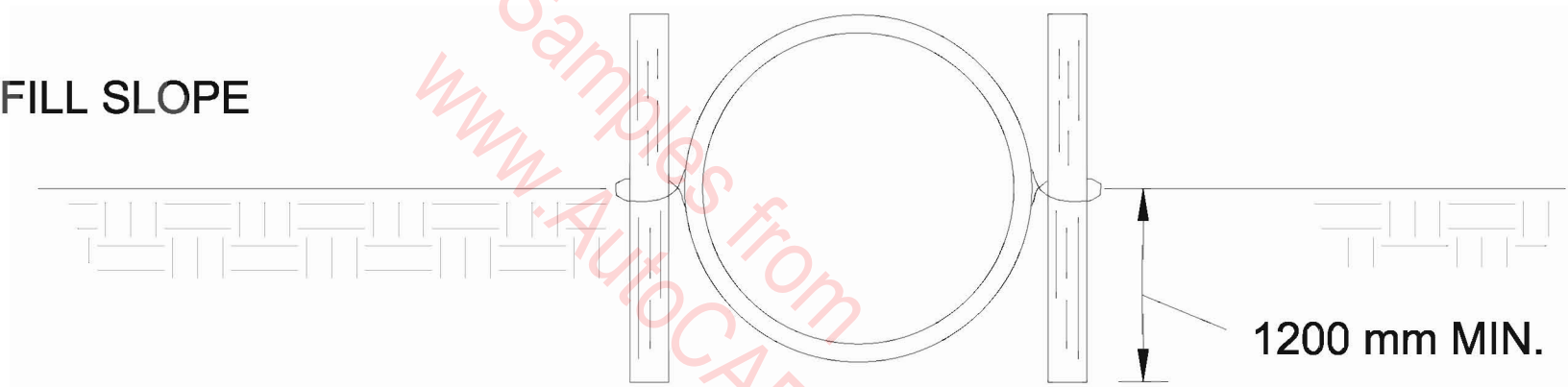
Samples from
www.AutoCADDetails.net

WD BM-WD BEAM DETAIL



Samples from
www.AutoCADDetails.net

WINDOW JAMB DETAIL, 6" FORM, WOOD ROUGH BUCK, FLARED OPENING, EIFS LAMINA EXTERIOR

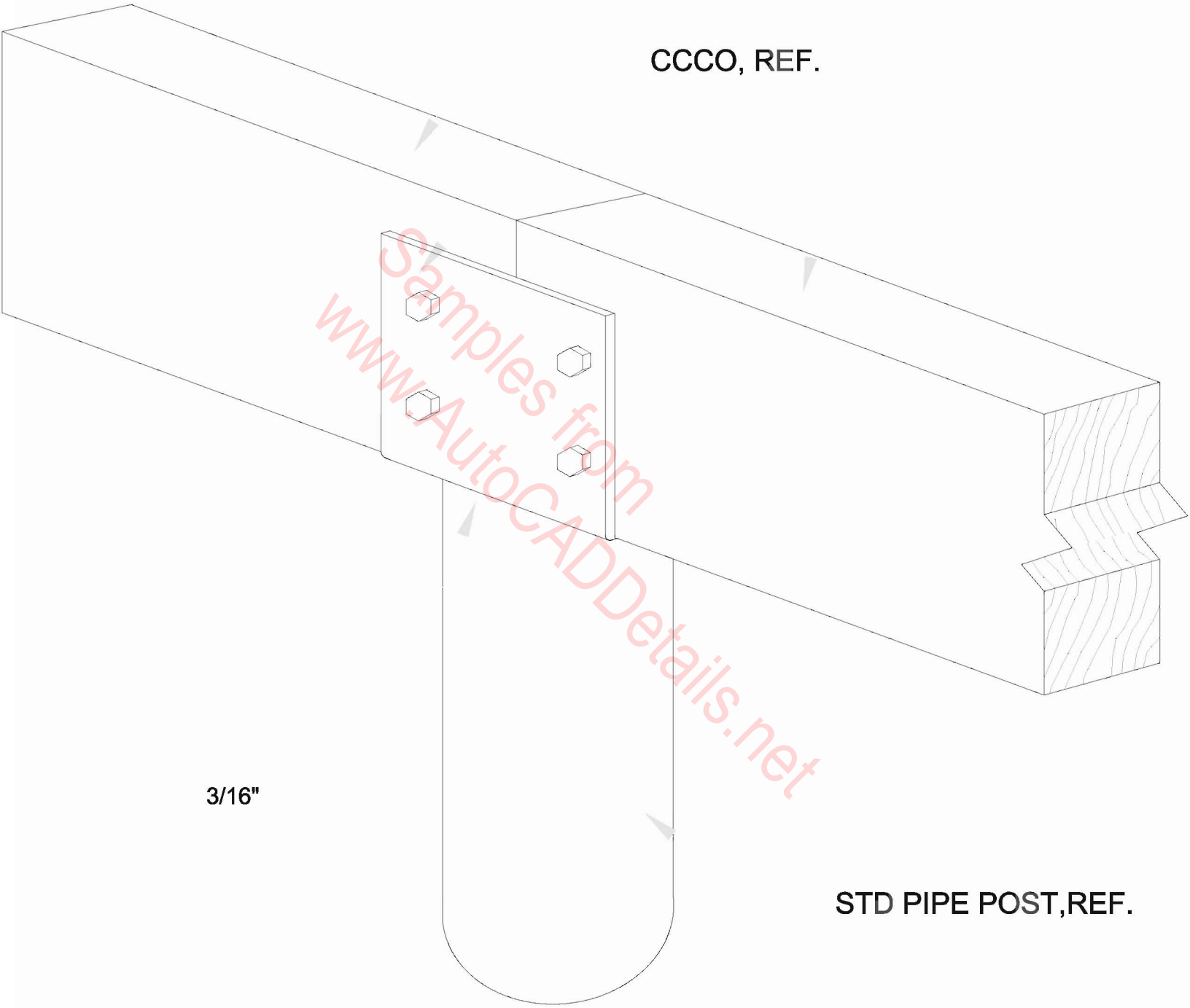


Samples from
www.AutoCADDetails.net

WIRING DETAIL

WOOD BEAM,REF.

CCCO, REF.



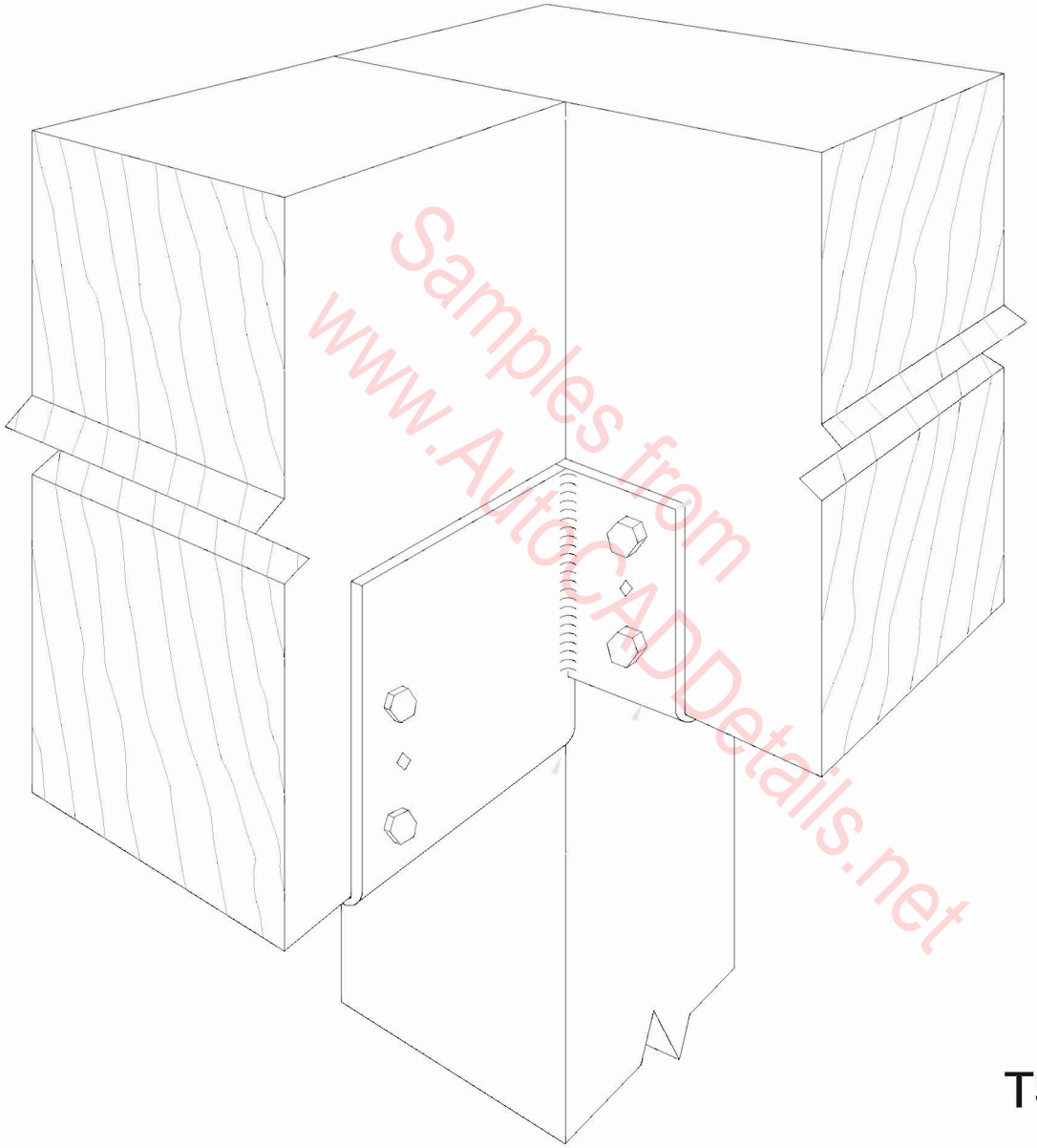
3/16"

STD PIPE POST,REF.

Samples from
www.AutoCADDetails.net

WOOD BEAM & STEEL POST

WOOD BEAM,REF.



ECCO, REF.

TS POST,REF.

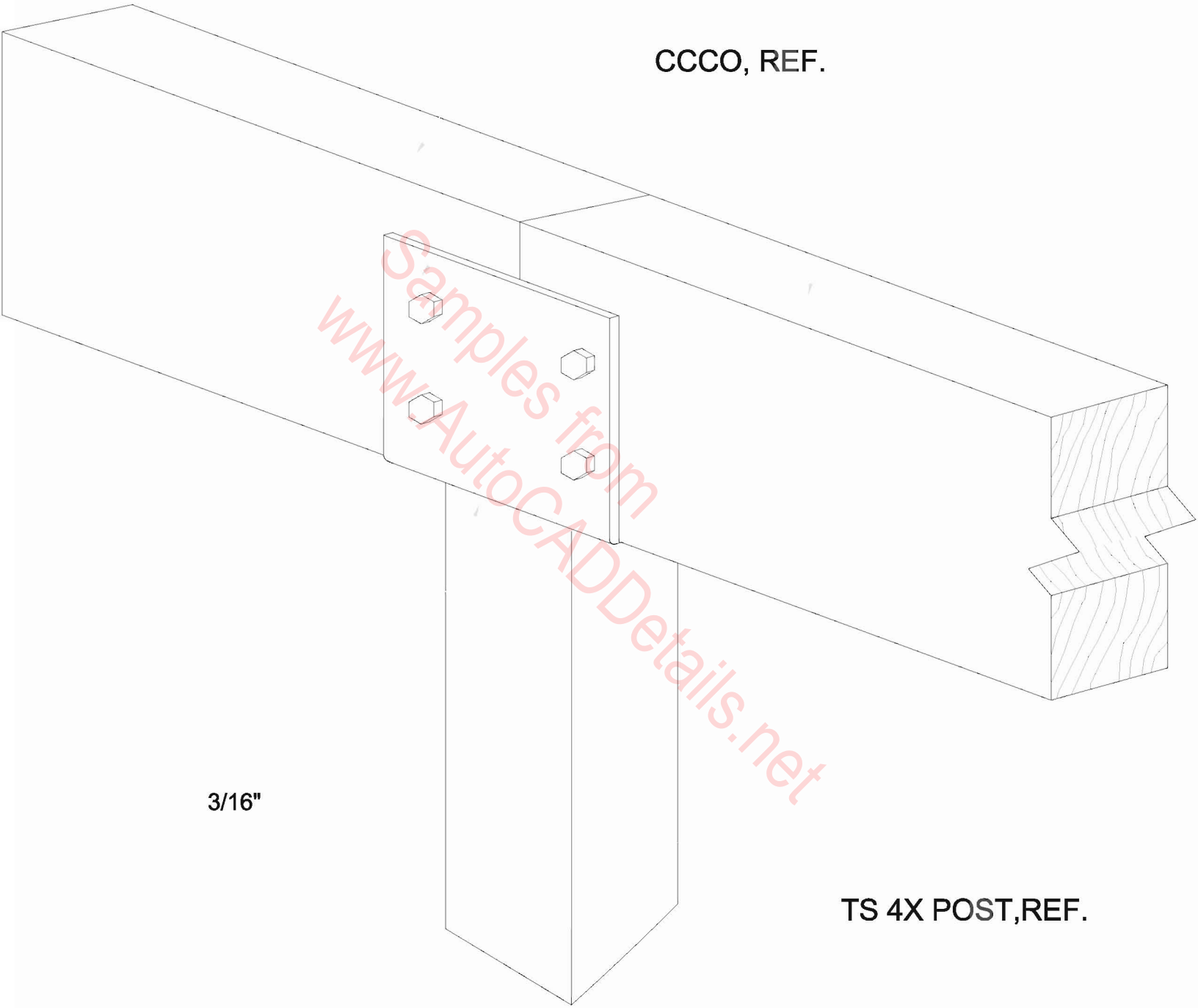
3/16"

WOOD BEAM & STEEL POST

Samples from www.AutoCADDetails.net

WOOD BEAM,REF.

CCCO, REF.

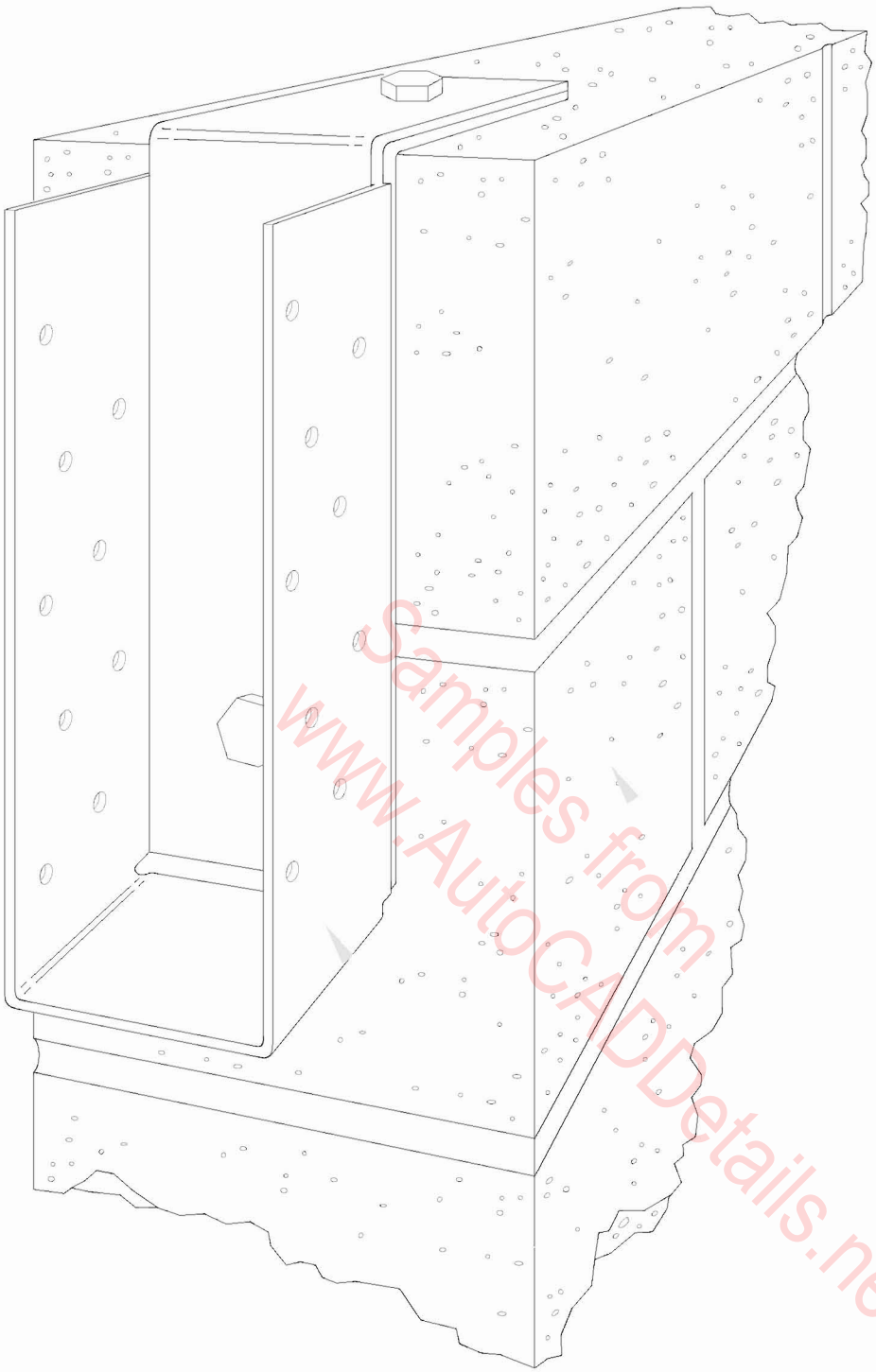


3/16"

TS 4X POST,REF.

Samples from
www.AutoCADDetails.net

WOOD BEAM & STEEL POST

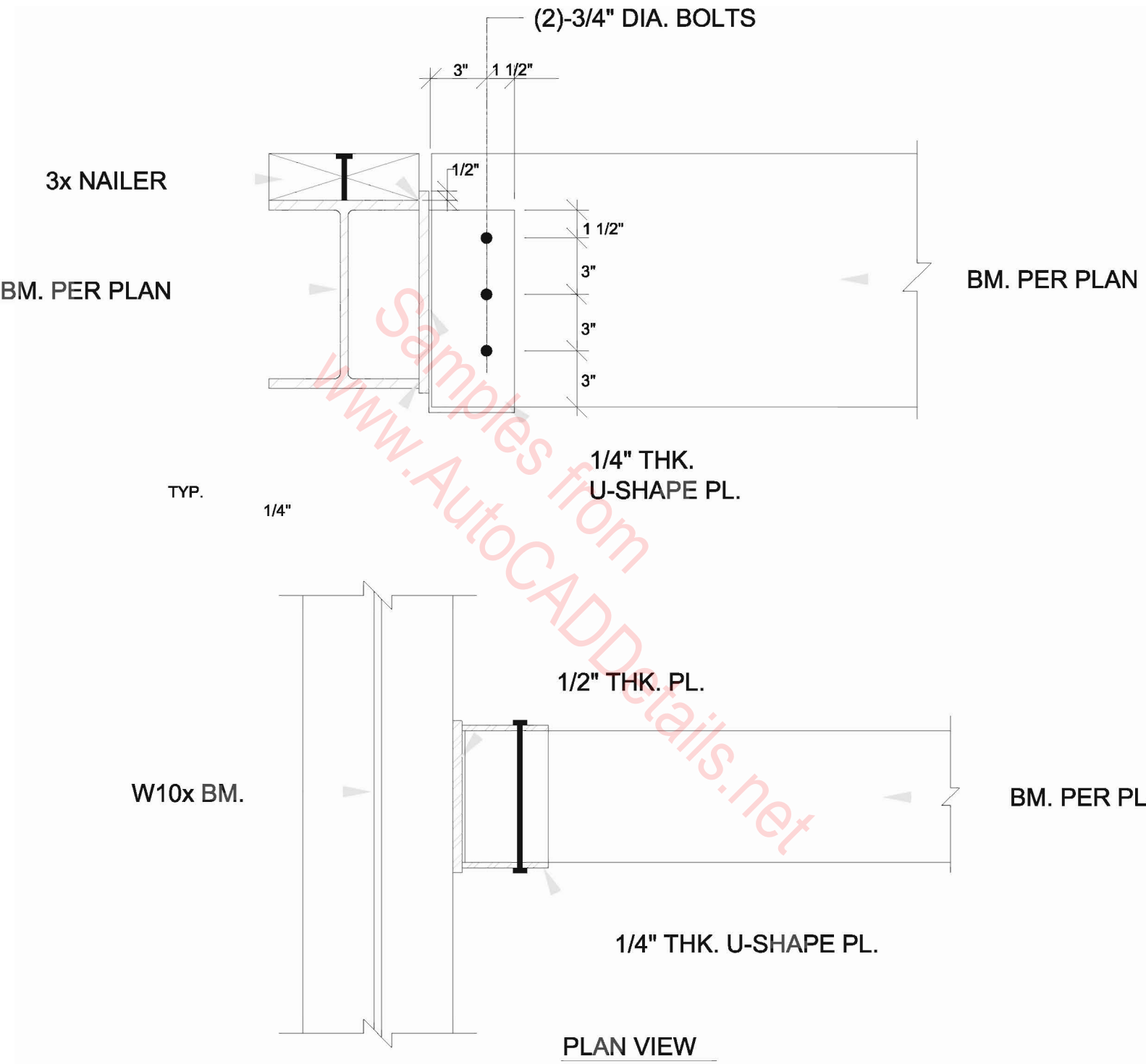


CMU WALL,REF.

MBHA HANGER,REF.

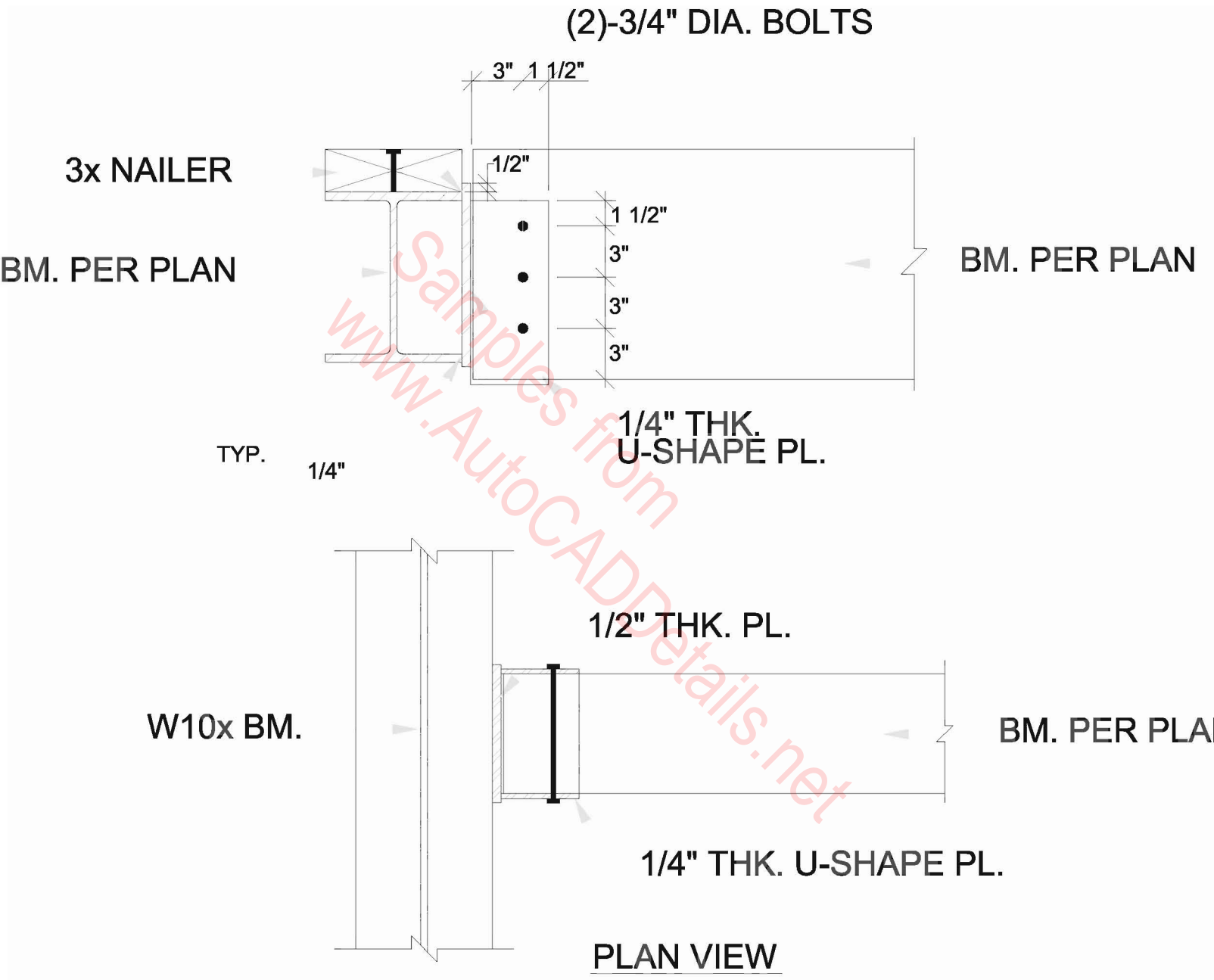
Samples from www.AutoCADDetails.net

WOOD BEAM -CMU DETAIL



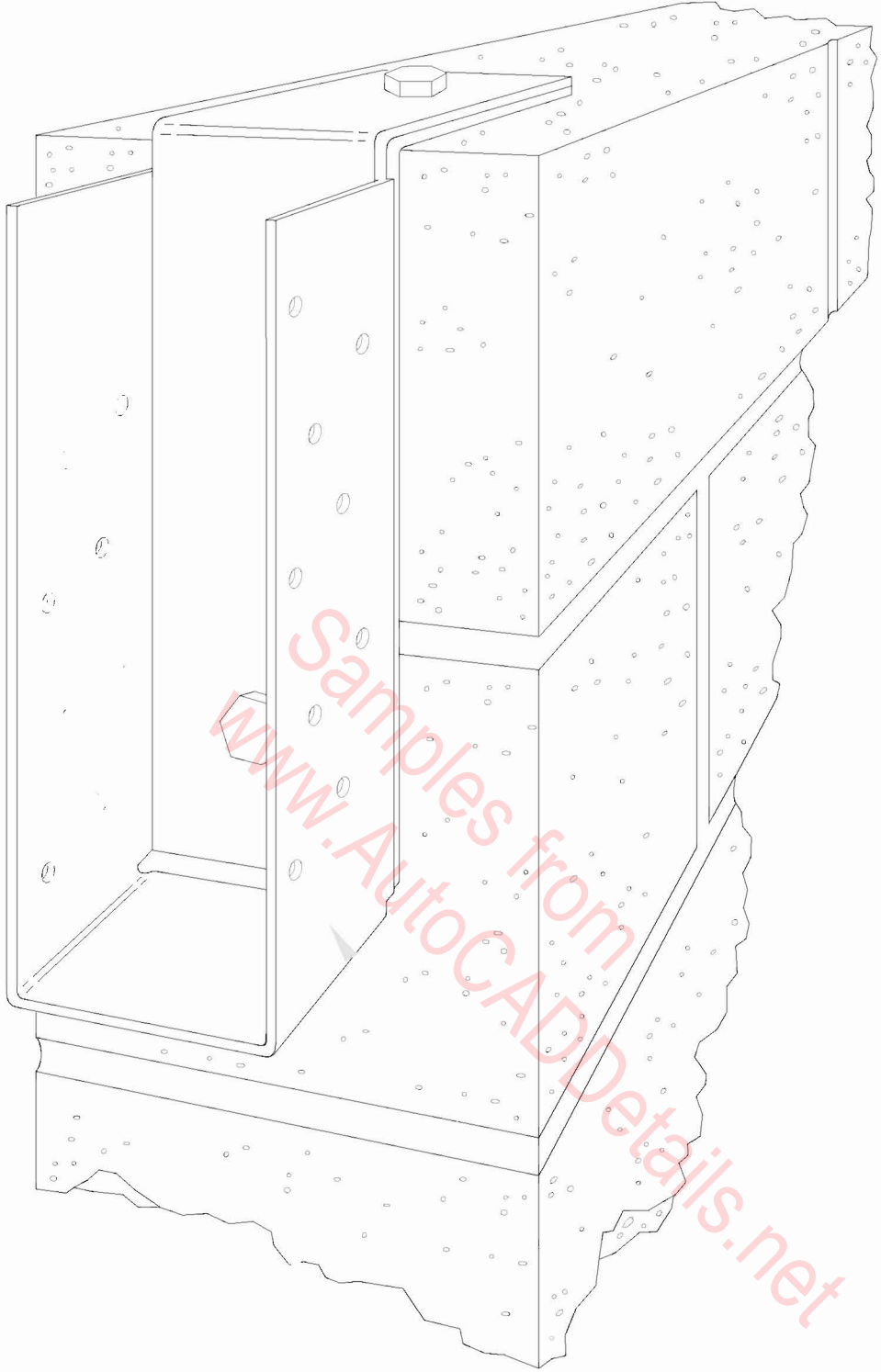
WOOD BEAM TO STEEL BEAM

Samples from www.AutoCADDetails.net



WOOD BEAM TO STEEL BEAM

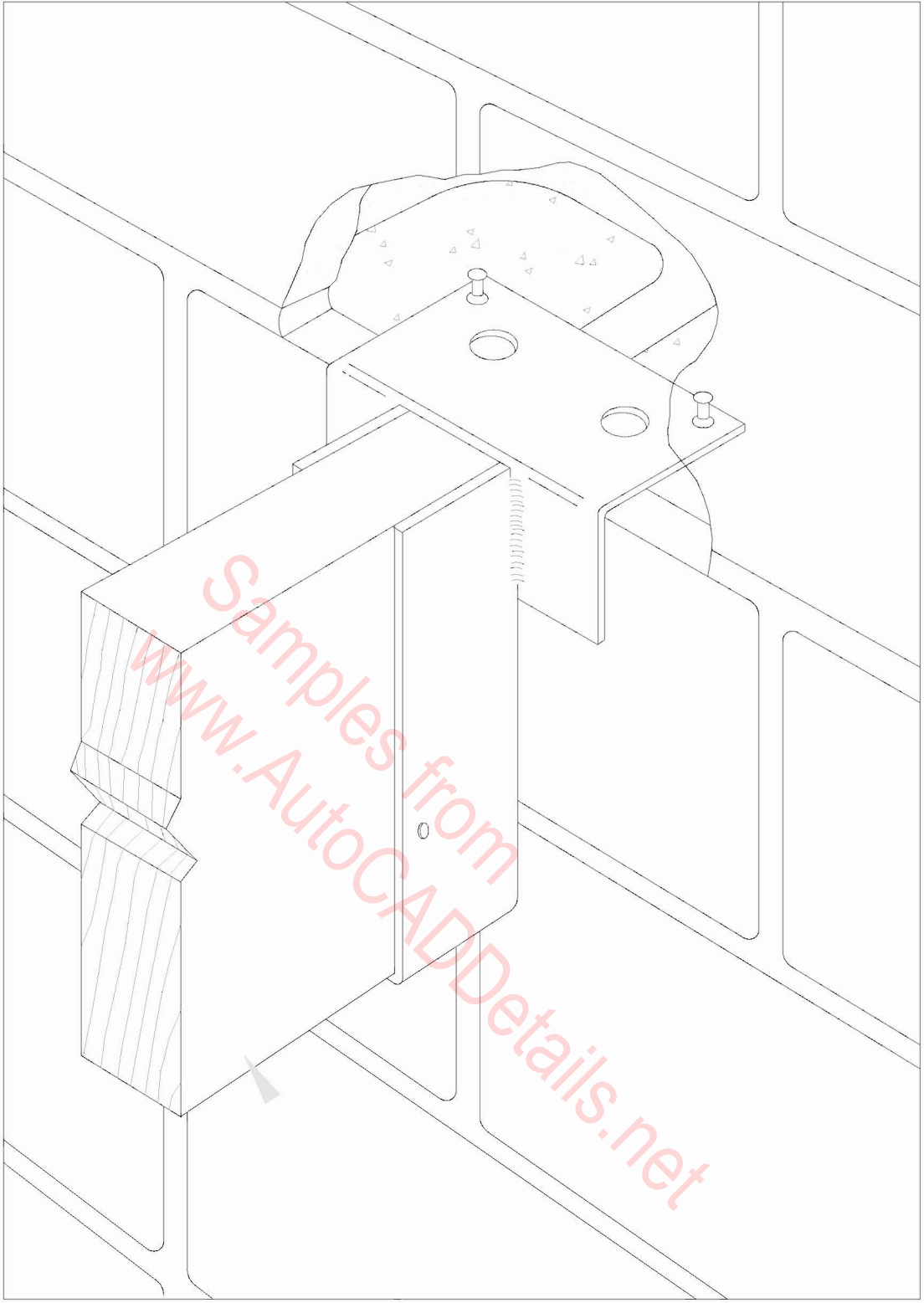
Samples from www.AutoCADDetails.net



MBHA HANGER,REF.

Samples from
www.AutoCADDetails.net

WOOD BEAM -CMU DETAIL

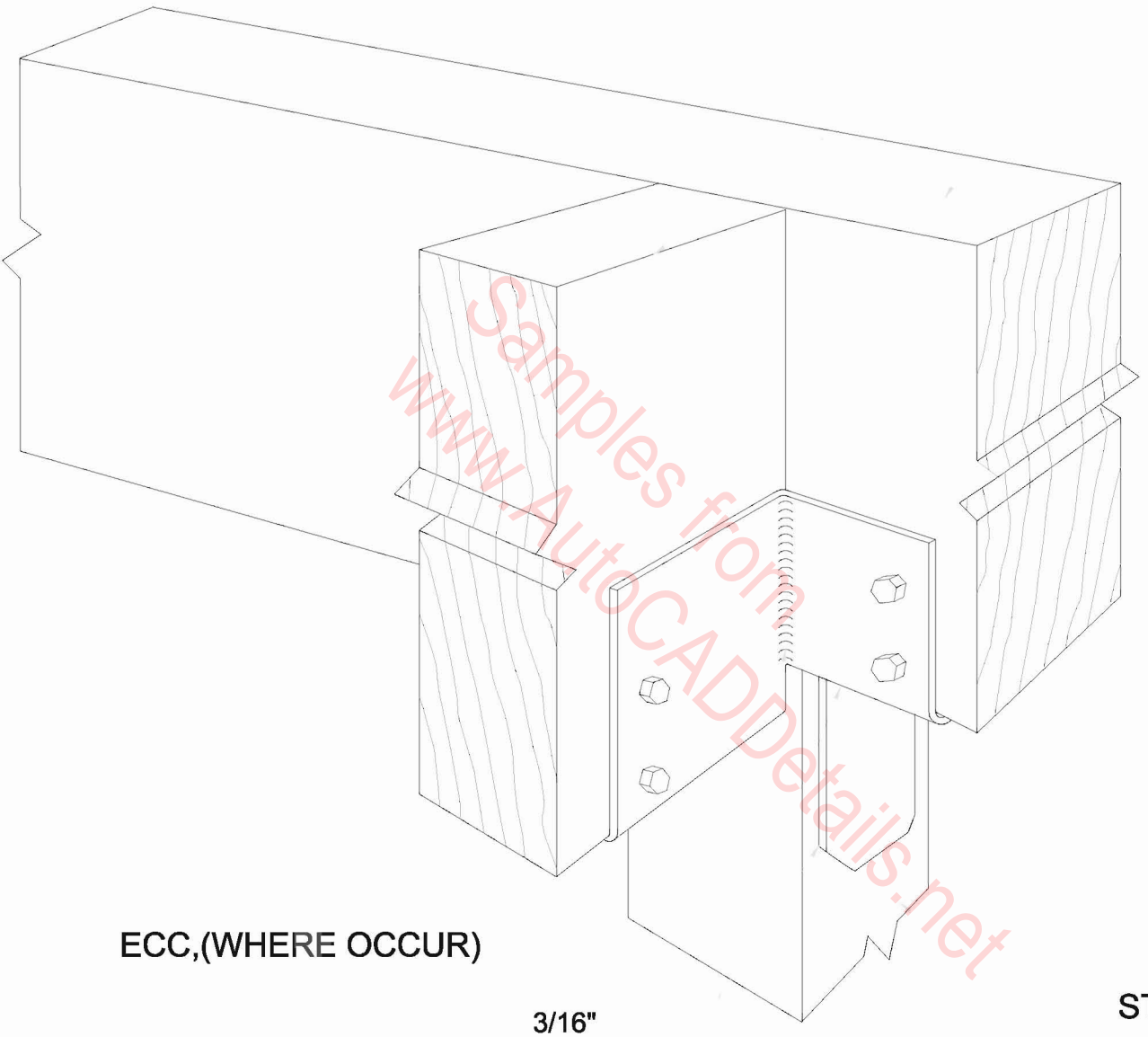


WMU HANGER

Samples from
www.AutoCADDetails.net

WOOD BEAM -CMU DETAIL

WOOD BEAM,REF.



ECC,(WHERE OCCUR)

3/16"

STL TUBE POST,REF.

Samples from www.AutoCADDetails.net

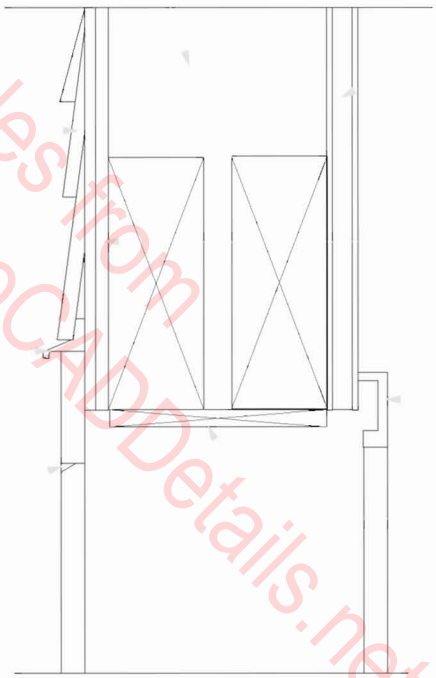
WOOD BEAM -STL POST DETAIL

2"x 4" or 6" Wood Frame Wall

Lap Siding

Drip Cap

Alum Drip & Sealant



5/8" GYP BD.

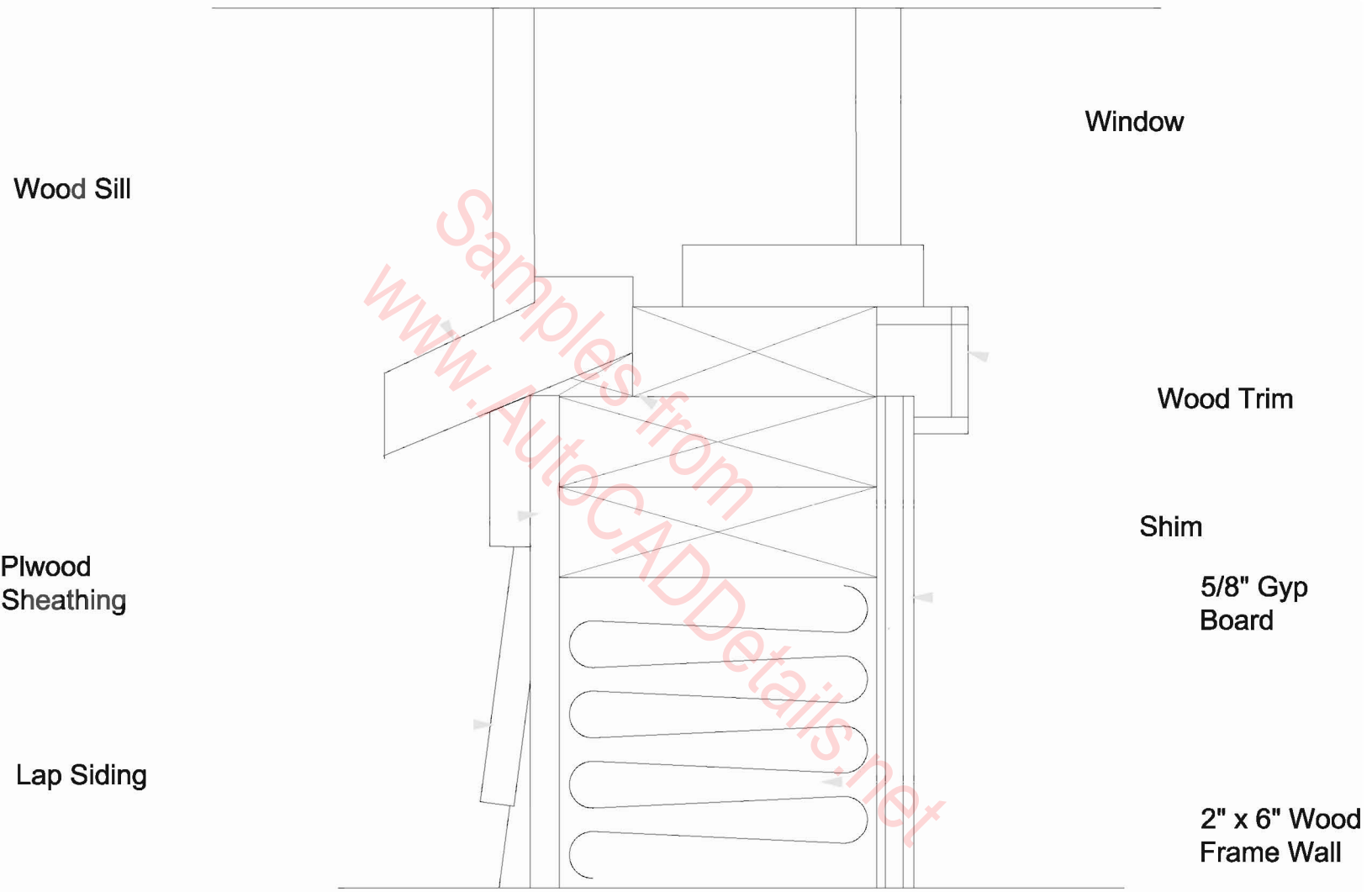
Plywood Sheathing

Wood Trim

Shim

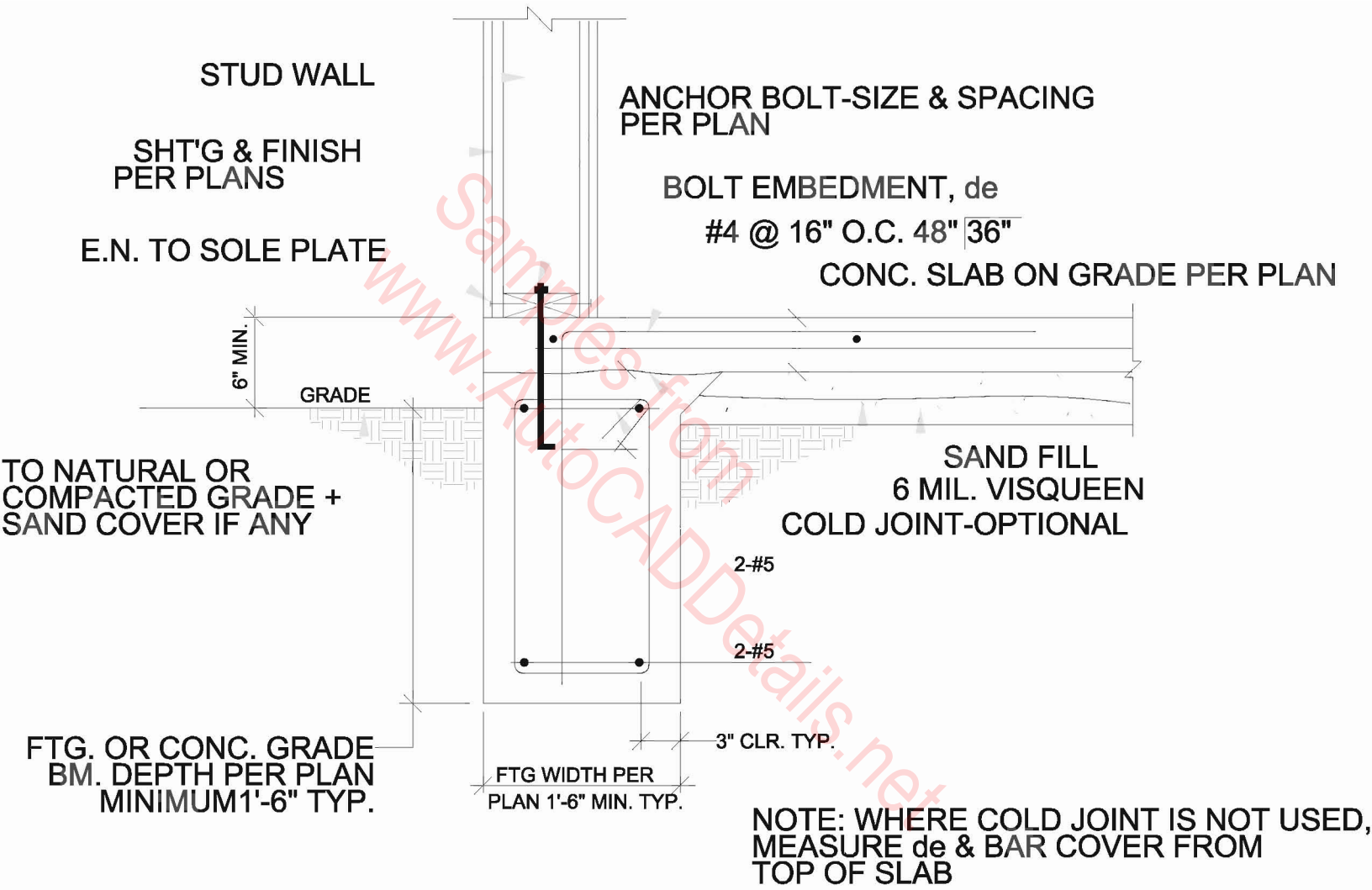
WOOD FRAME HEADER

Samples from www.AutoCADDetails.net



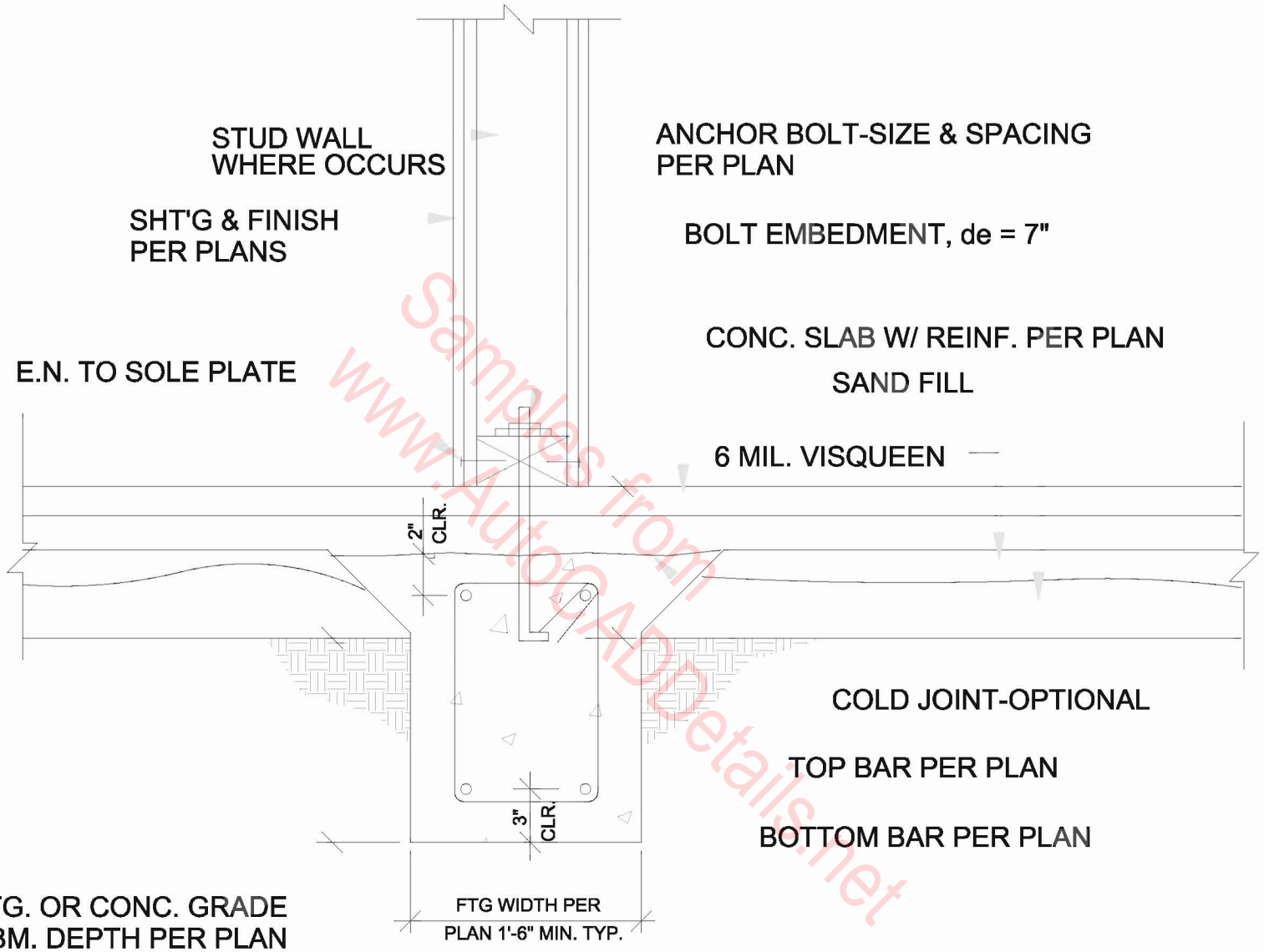
Samples from
www.AutoCADDetails.net

WOOD FRAME SILL



Samples from www.AutoCADDetails.net

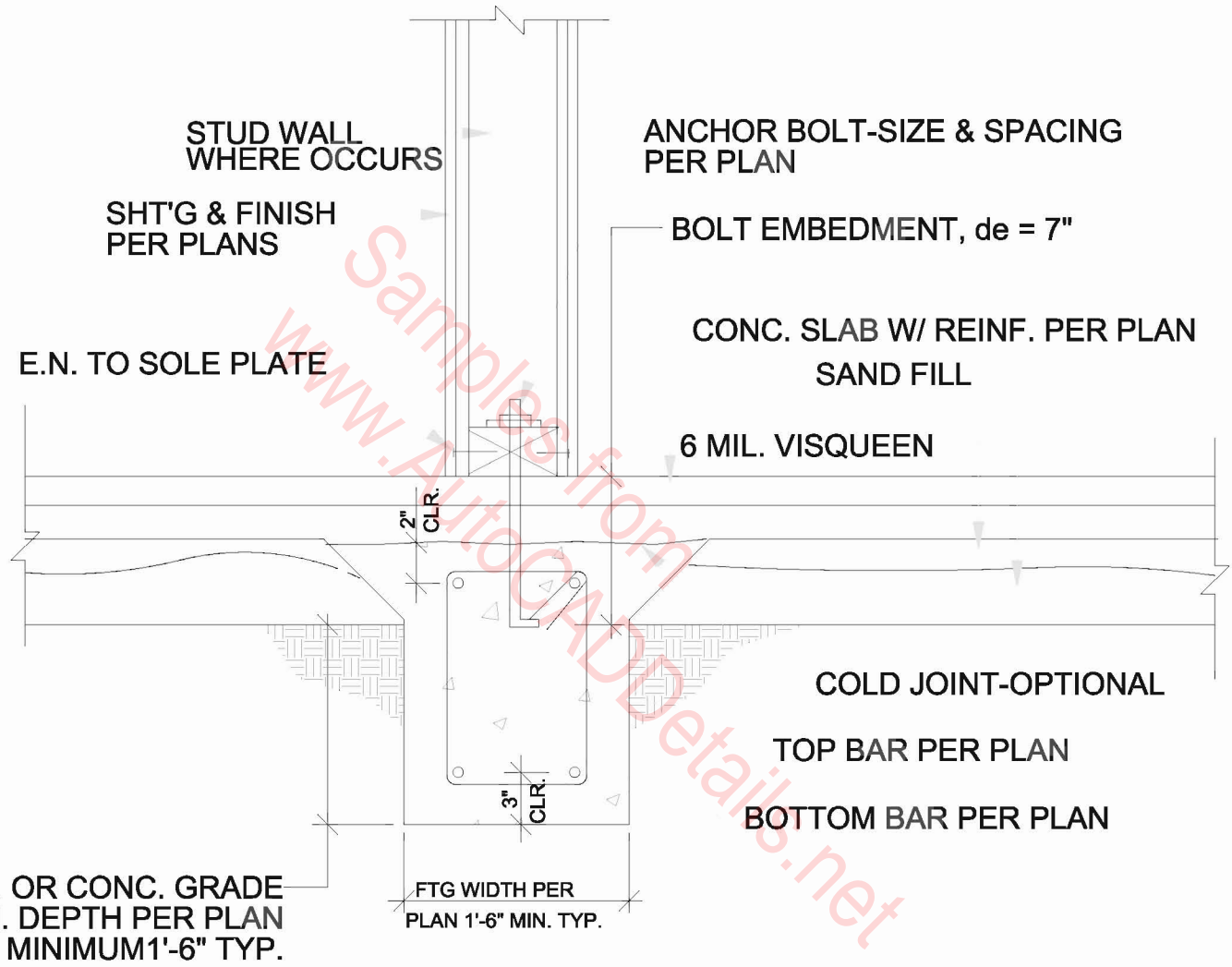
WOOD FRAMING TO EXTERIOR FOOTING



Samples from
www.AutoCADDetails.net

NOTE: WHERE COLD JOINT IS NOT USED,
MEASURE de & BAR COVER FROM
TOP OF SLAB

WOOD FRAMING TO INTERIOR FOOTING



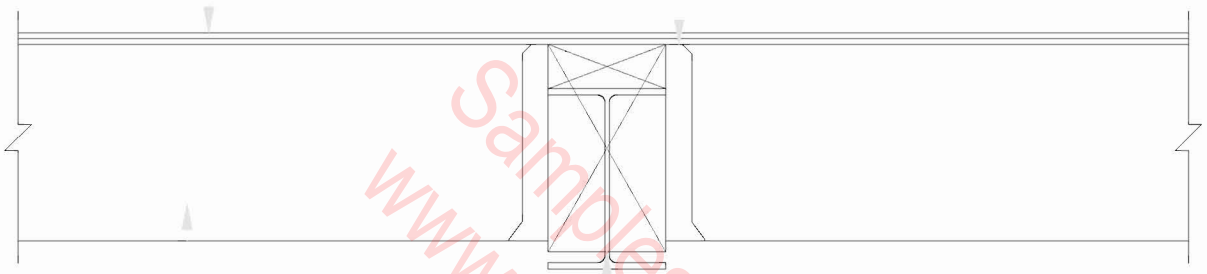
Samples from
www.AutoCADDetails.net

NOTE: WHERE COLD JOINT IS NOT USED,
MEASURE de & BAR COVER FROM
TOP OF SLAB

WOOD FRAMING TO INTERIOR FOOTING

SHT'G

JOIST HANGER OR CONNECTOR SIZE PER CONNECTOR SCHEDULE



JOIST OR BEAM SIZE PER FRAMING PLANS

BM. PER FRAMING PLANS

JOIST OR BM. SIZE	SIMPSON CONNECTOR SIZE
2x8	U26, LB28
2-2x8	U26-2, HU28-2TF
2x10	U210, LB210
2-2x10	U210-2, HU210-2TF
2x12	U2x10, LB212
2-2x12	U210-2, HU212-2TF
4x8	U46, W48
4x10	U410, HU410TF
4x12	U410, HU412TF
6x8	HW68

JOIST OR BM.	SIMPSON CONNECTOR
6x10	HW610
6x12	HW612
3 1/2" PARALLAM	HWI4__
5 1/2" PARALLAM	HWU5.50/__
TJI/PRO	HIT SERIES

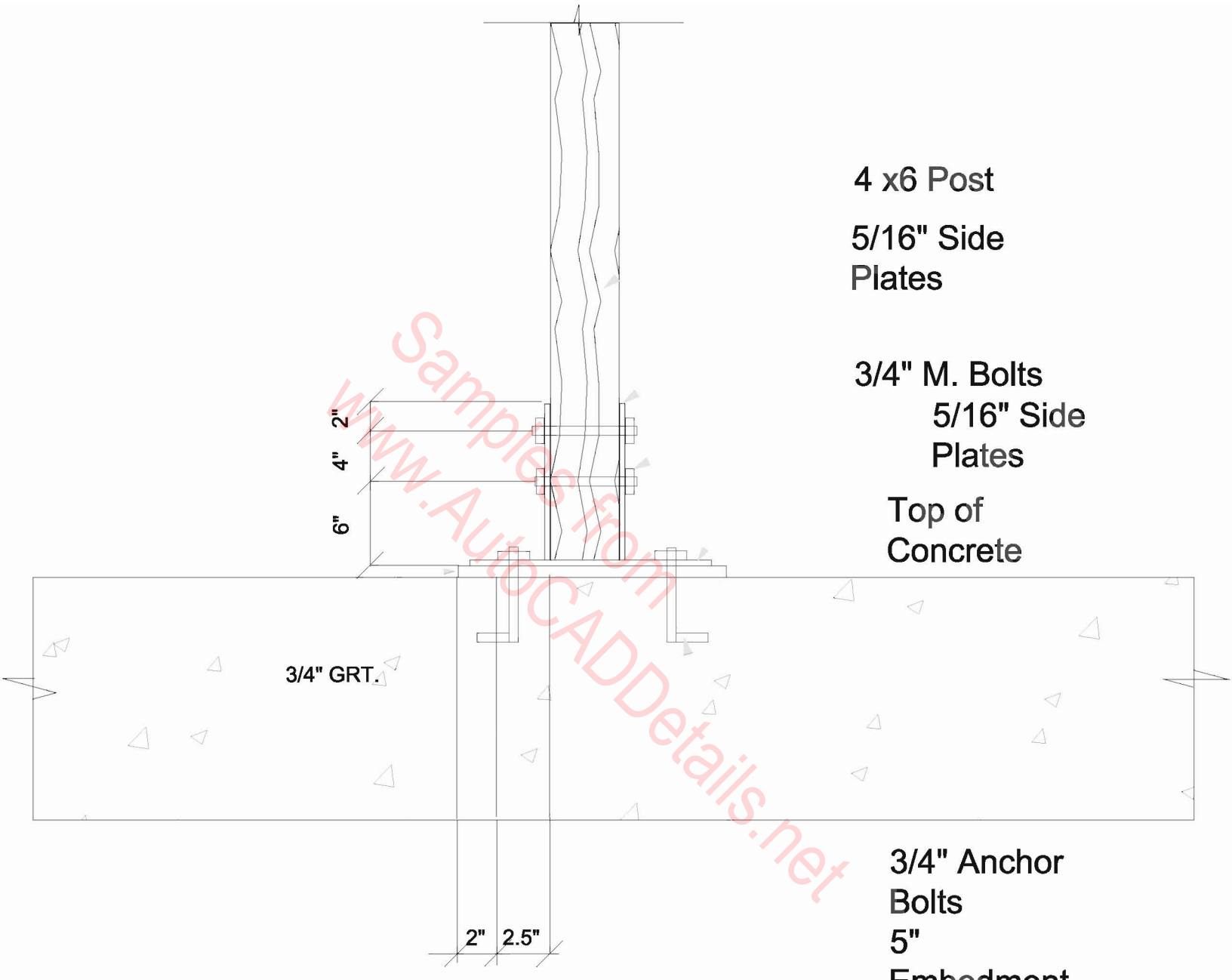
NOTE: SKEWED AND/OR SLOPED HANGERS SHALL BE APPLIED AT SLOPED AND/OR SKEWED CONDITIONS

NOTE: ALL HANGERS SHALL BE FULLY NAILED PER MANUFACTURER'S SPECIFICATIONS

(__ DEPTH OF SPECIFIED MEMBER)

WOOD JOIST AND BEAM HANGER SCHEDULE

Samples from www.AutoCADDetails.com

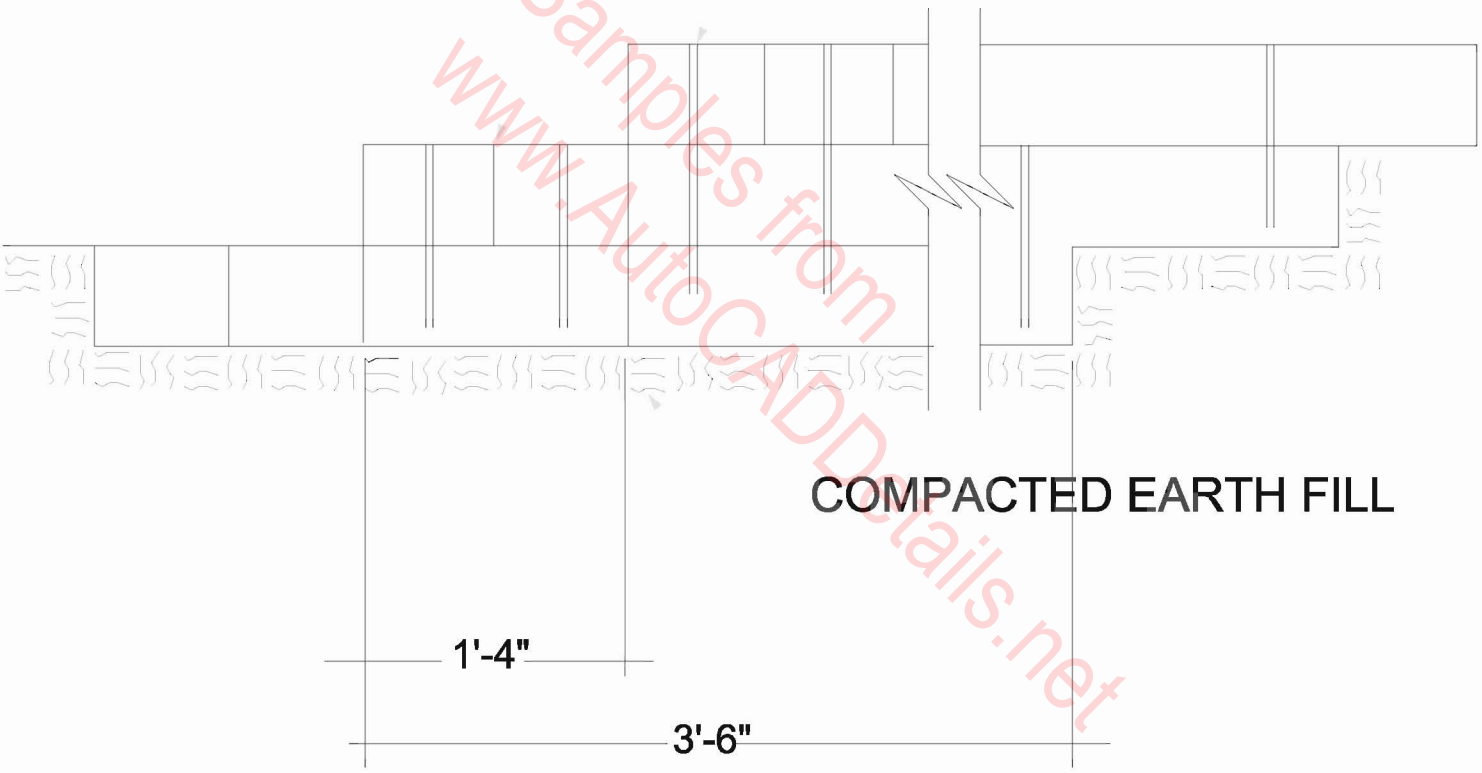


Samples from www.AutoCADDetails.net

Wood Post

6"X8" TREATED WOOD

3/4" DIA. BY 18" LONG STEEL PIPES



Samples from www.AutoCADDetails.net

WOOD STEPS