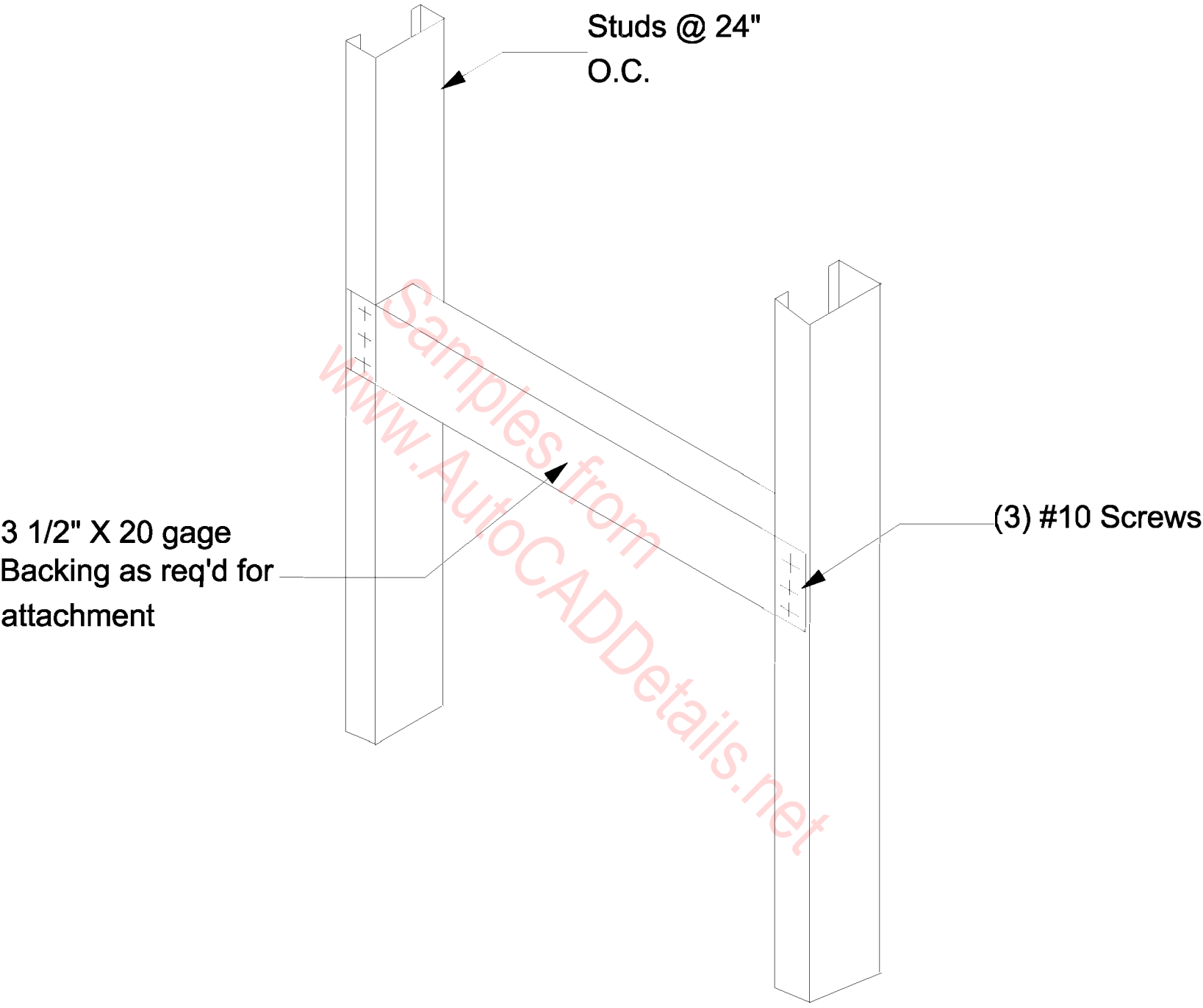
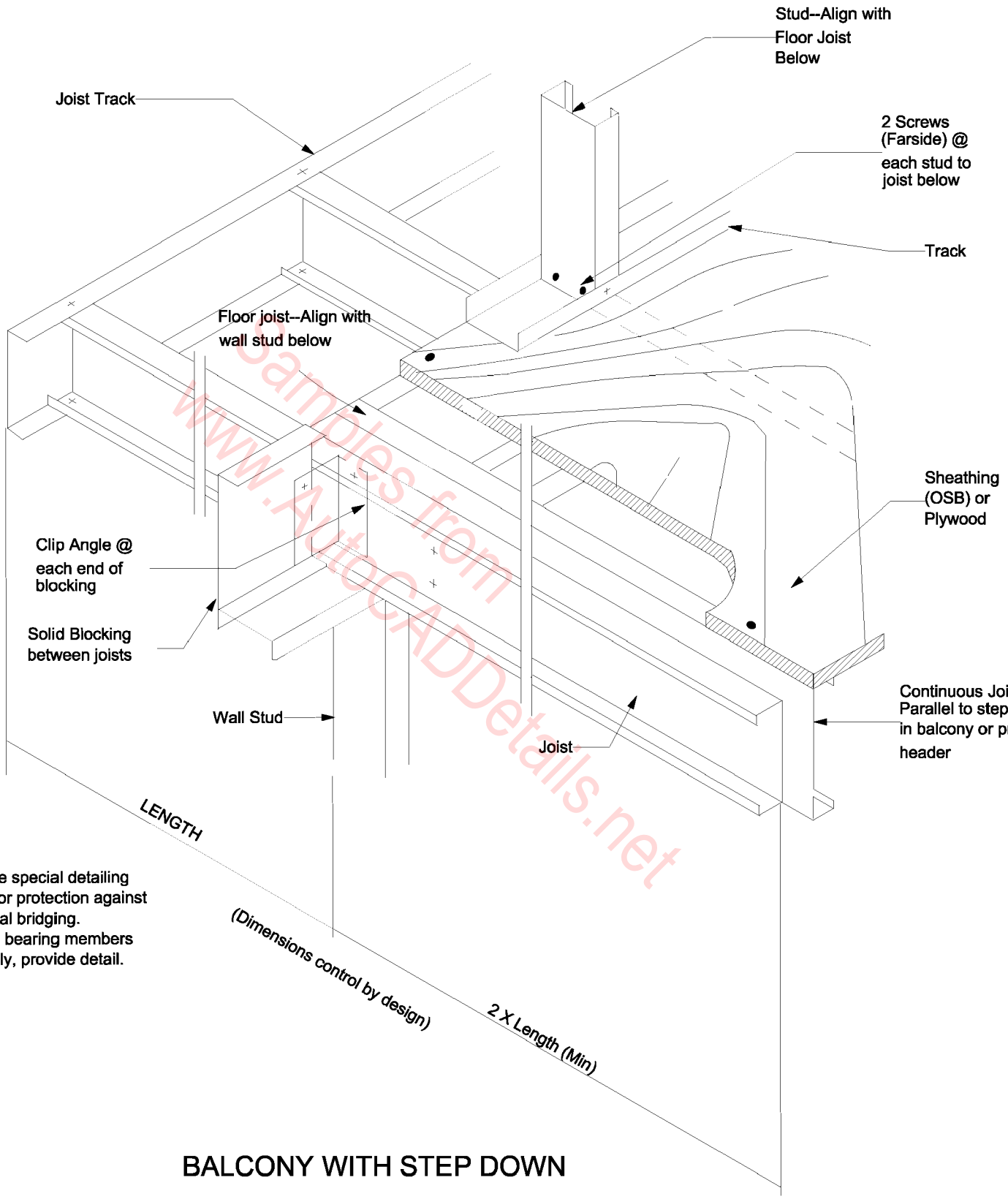
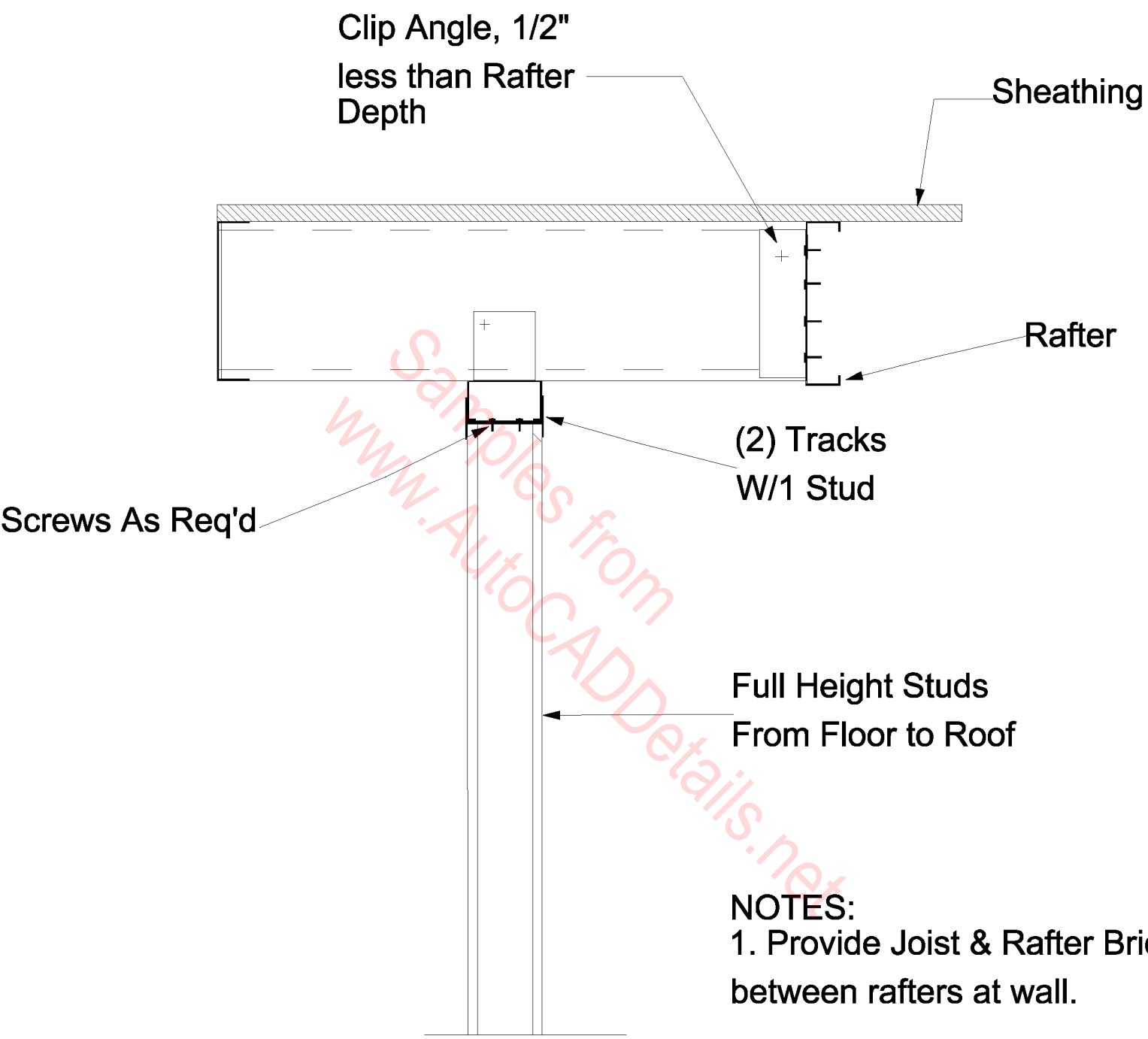


ATTACHMENT
BACKING DETAIL

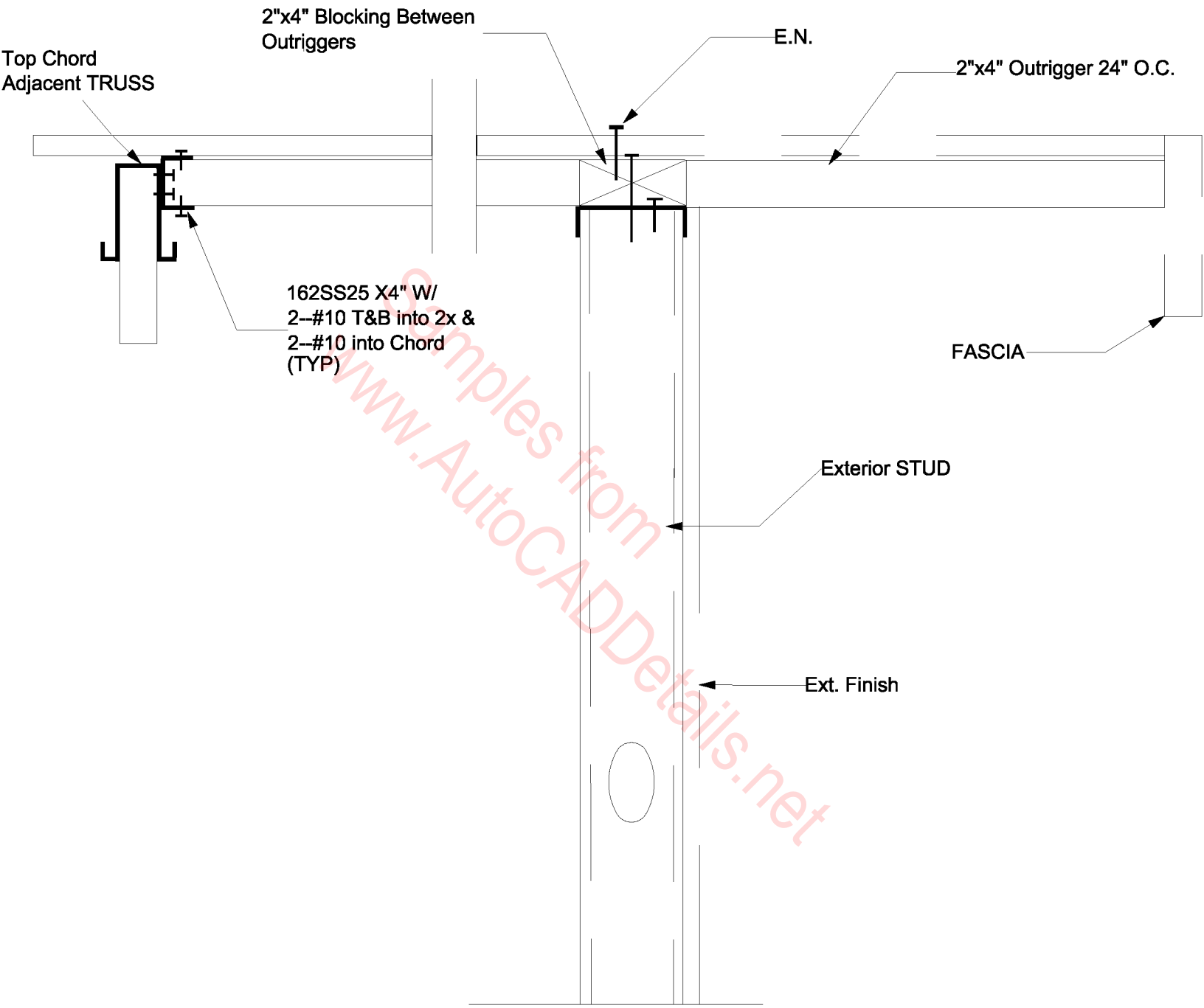


NOTES:
1. Balconies require special detailing and consideration for protection against moisture and thermal bridging.
2. Where axia load bearing members do not align vertically, provide detail.

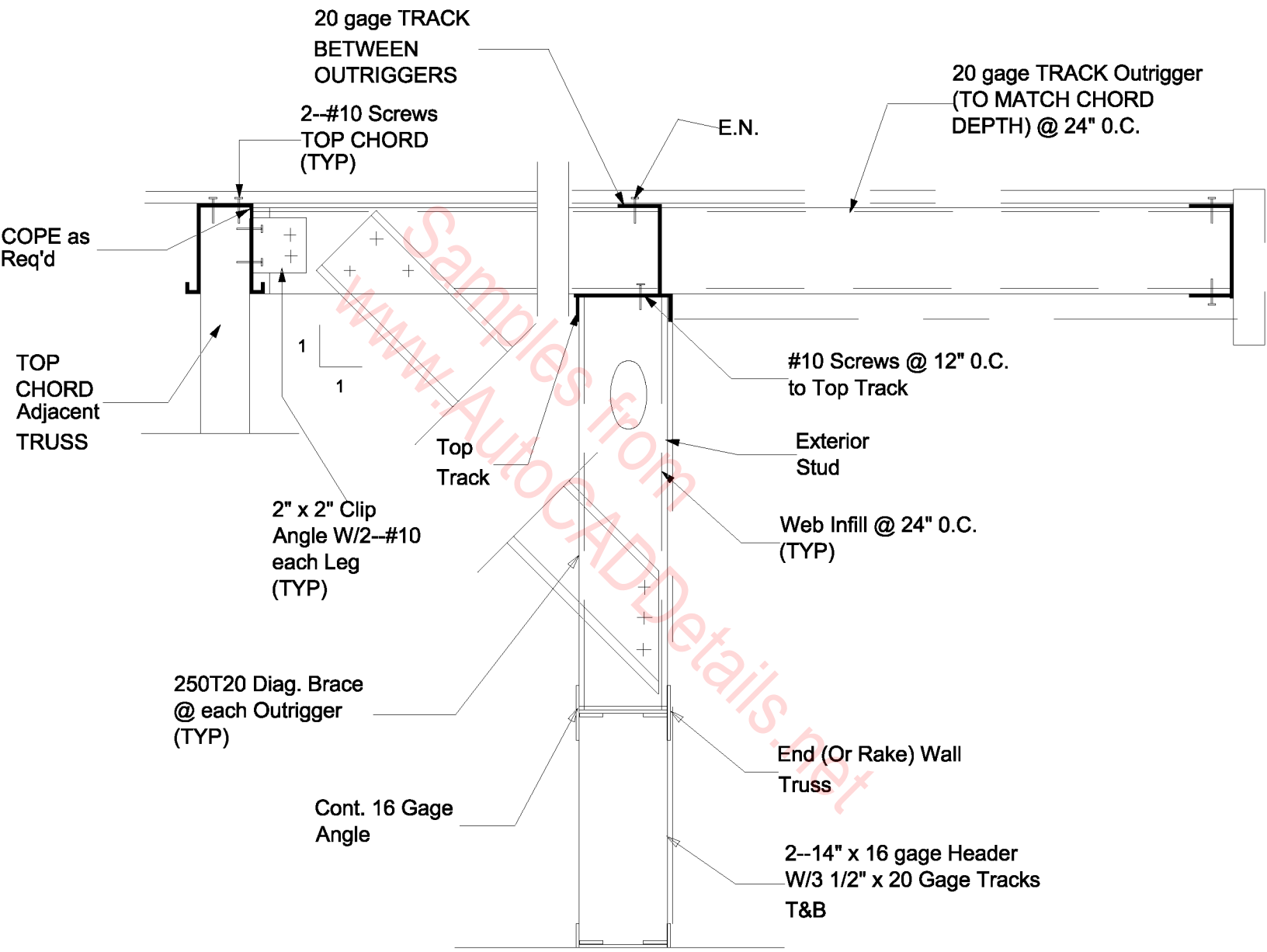
BALCONY WITH STEP DOWN



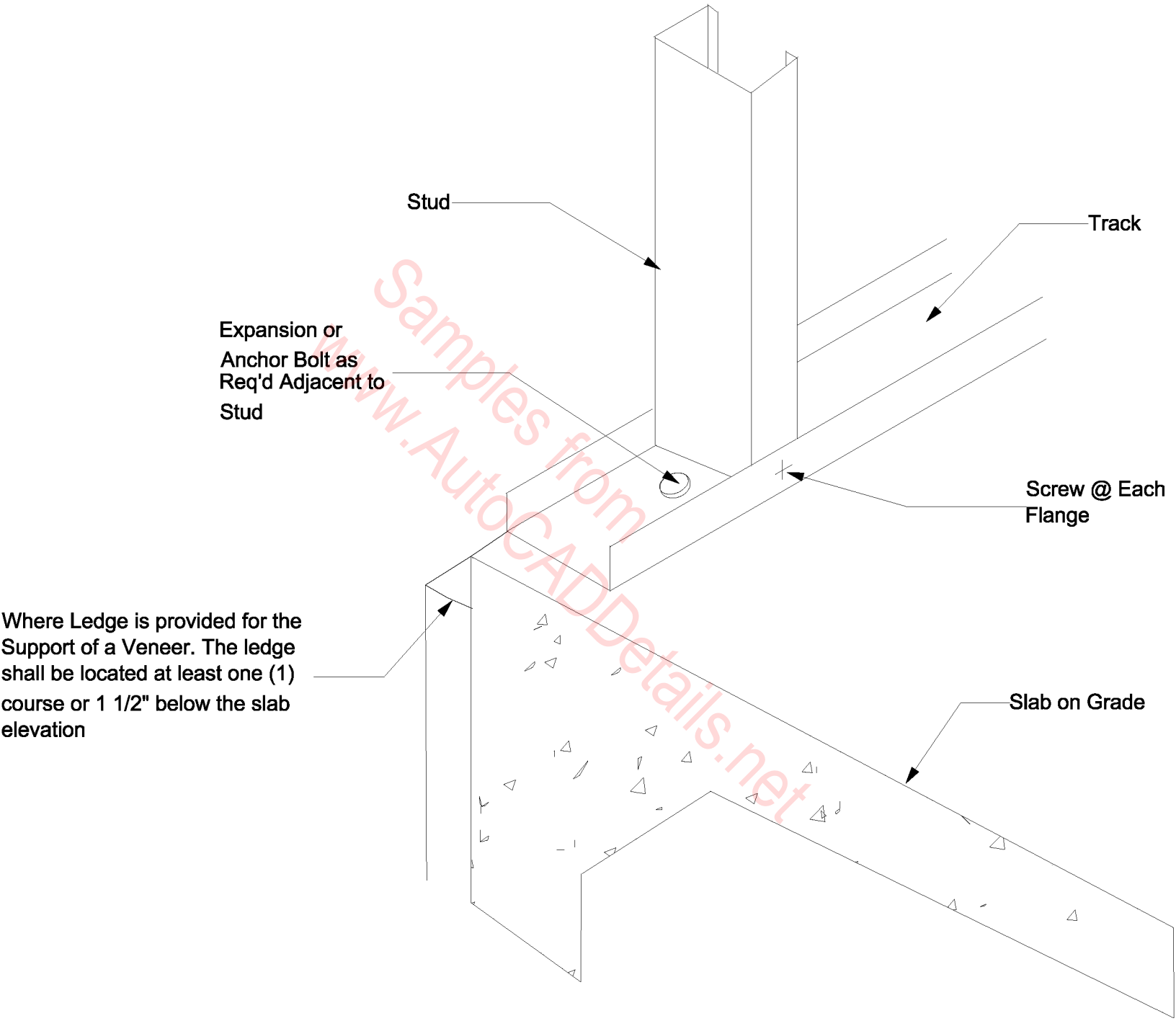
BALOON FRAMED GABLE ROOF END DETAIL



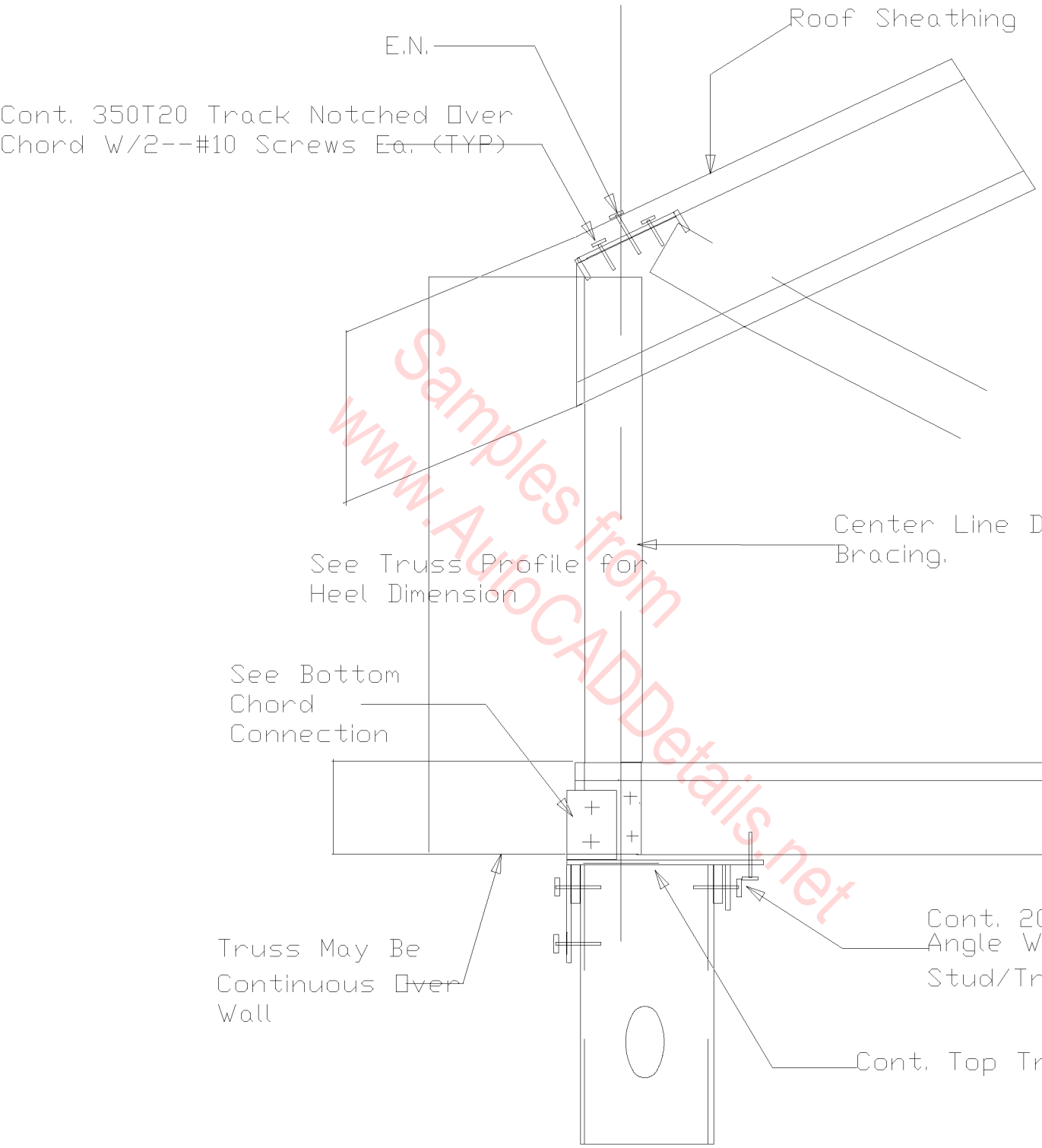
SECTION AT BALOON FRAMED RAKE WALL WITH WOOD OUTRIGGERS



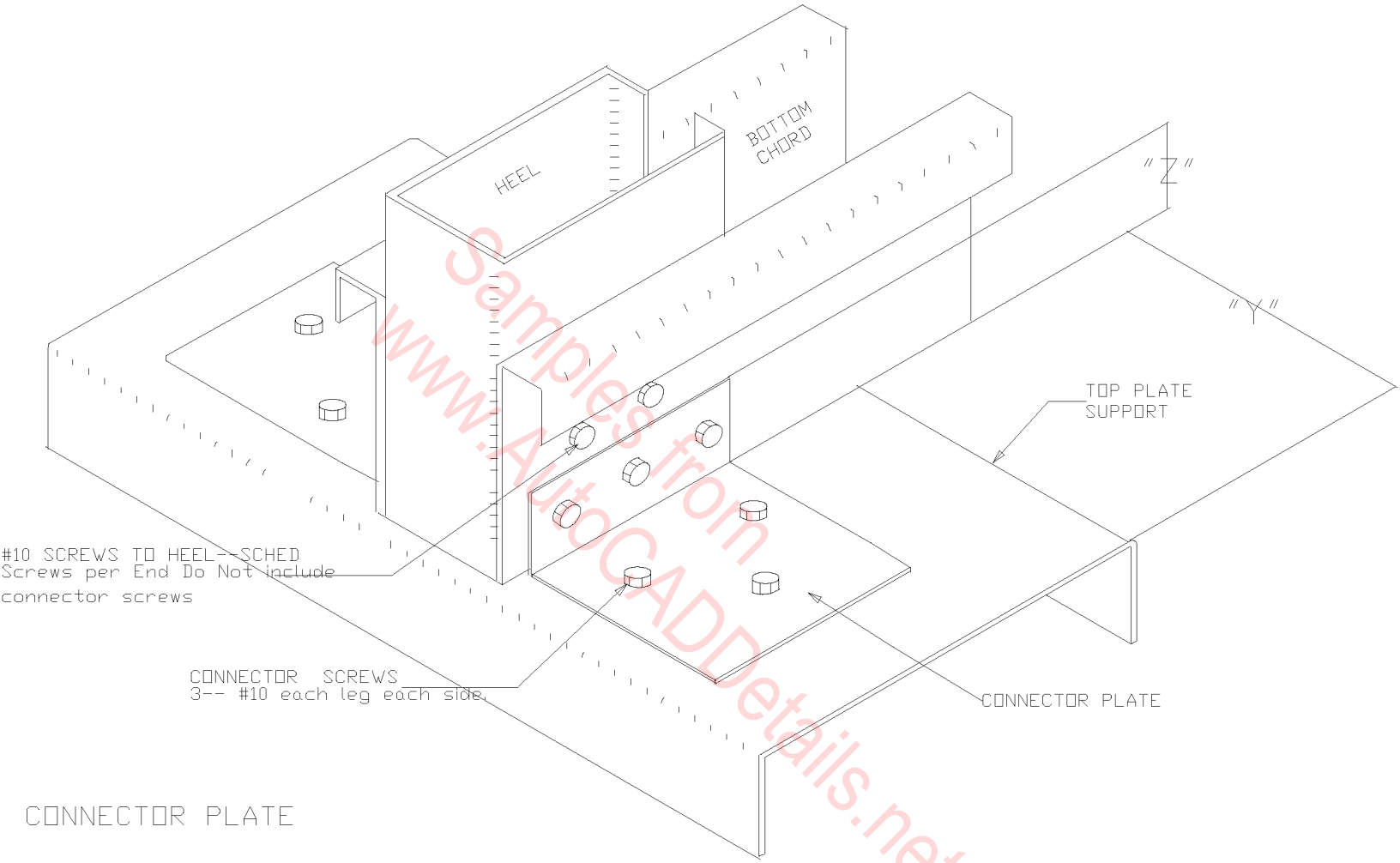
SECTION AT BALOON FRAMED RAKE WALL OVER OPENING



BASE WALL AT SLAB ON GRADE



BLOCKED TRUSS HEEL SECTION

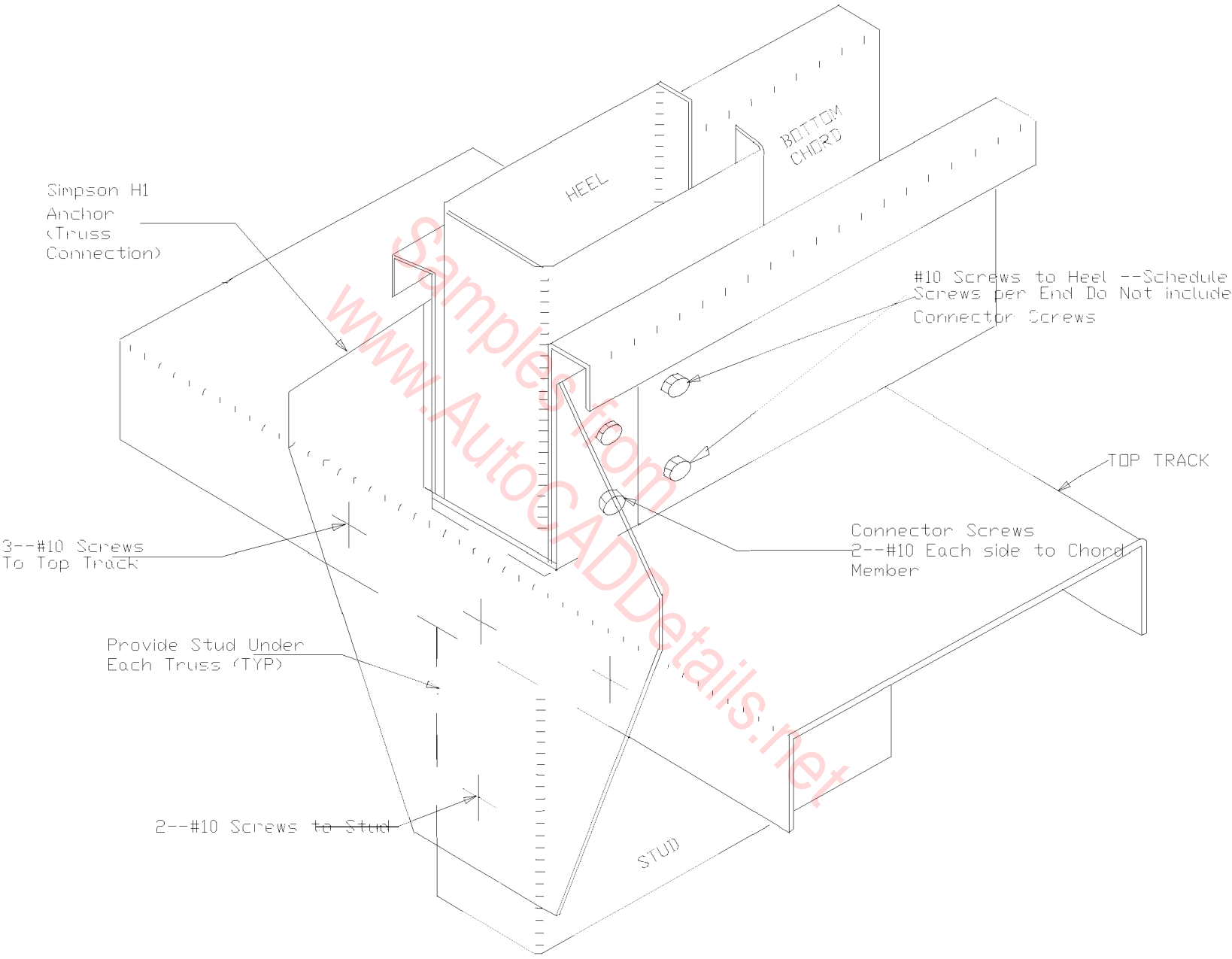


CONNECTOR PLATE

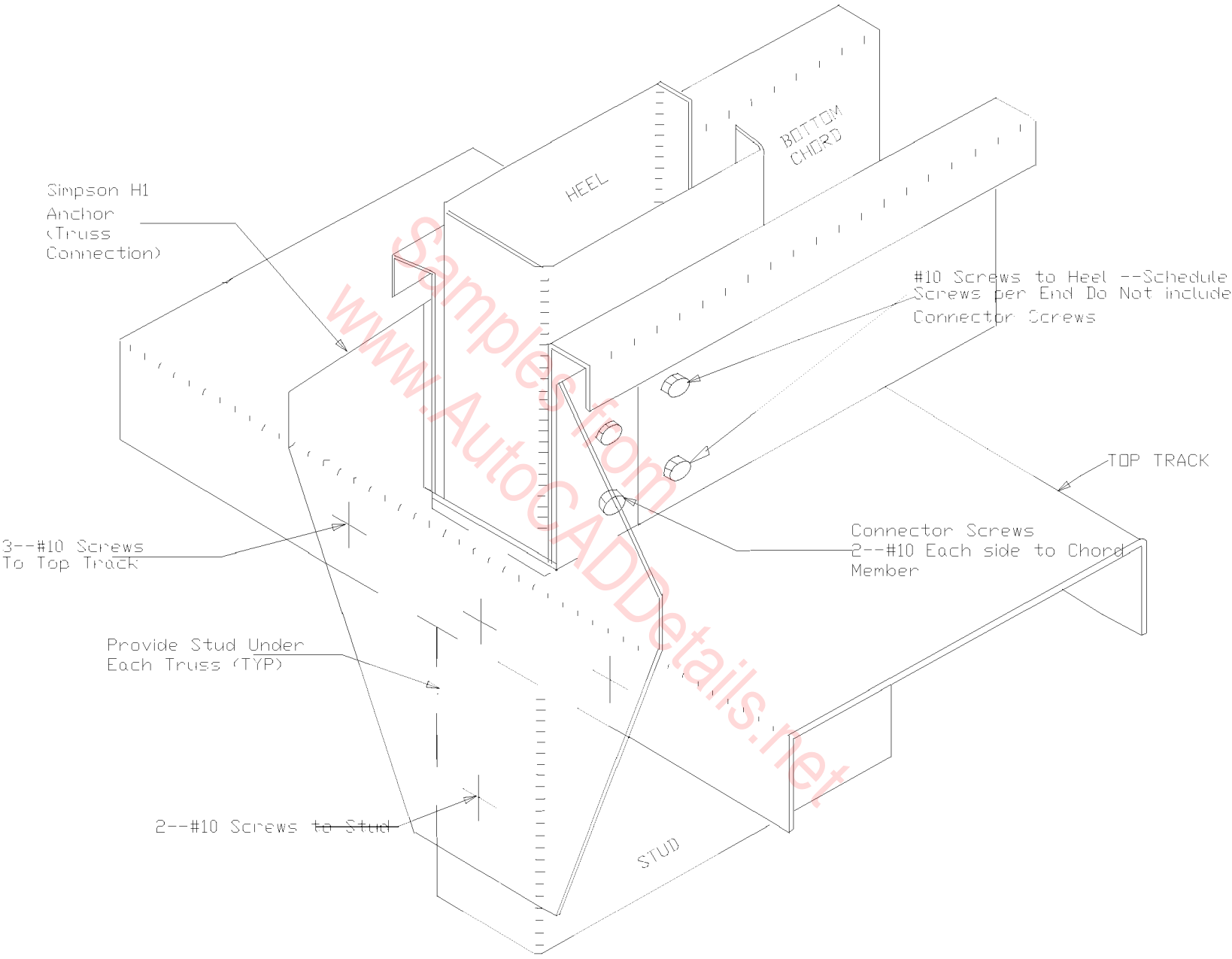
MATERIAL	16 Ga.	
" X " DIM		3" Min.
" Y " DIM		3" Min.
" Z " DIM		1 1/4" Less than B.C. Height

Connect to TRUSS W/#10--14 TEK Screws or better.

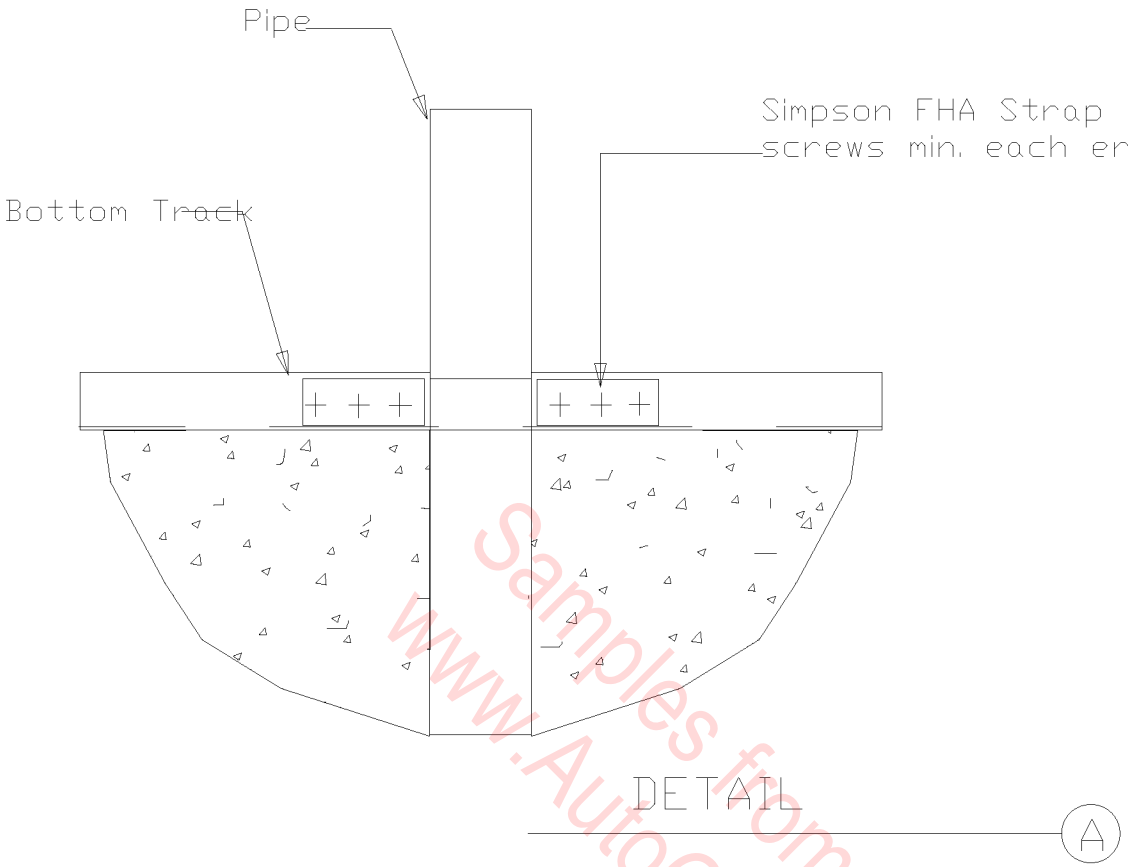
BOTTOM CHORD TO TOP PLATE CONNECTION DETAIL



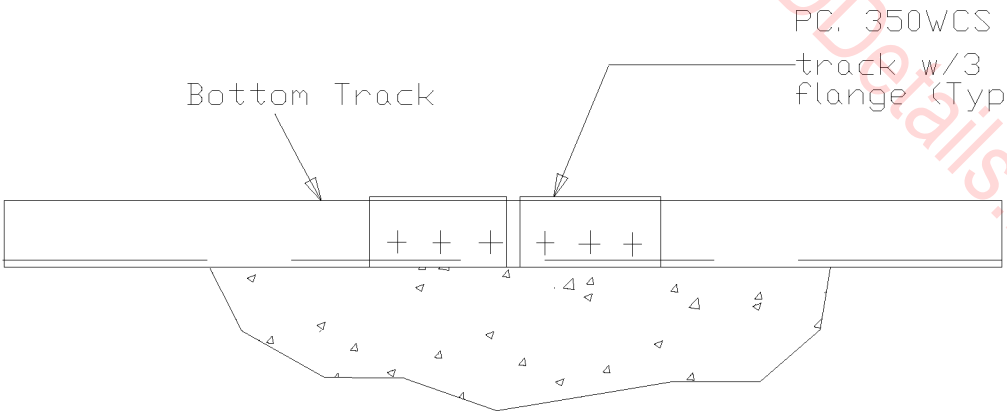
BOTTOM CHORD TO TOP PLATE CONNECTION DETAIL



BOTTOM CHORD TO TOP PLATE CONNECTION DETAIL

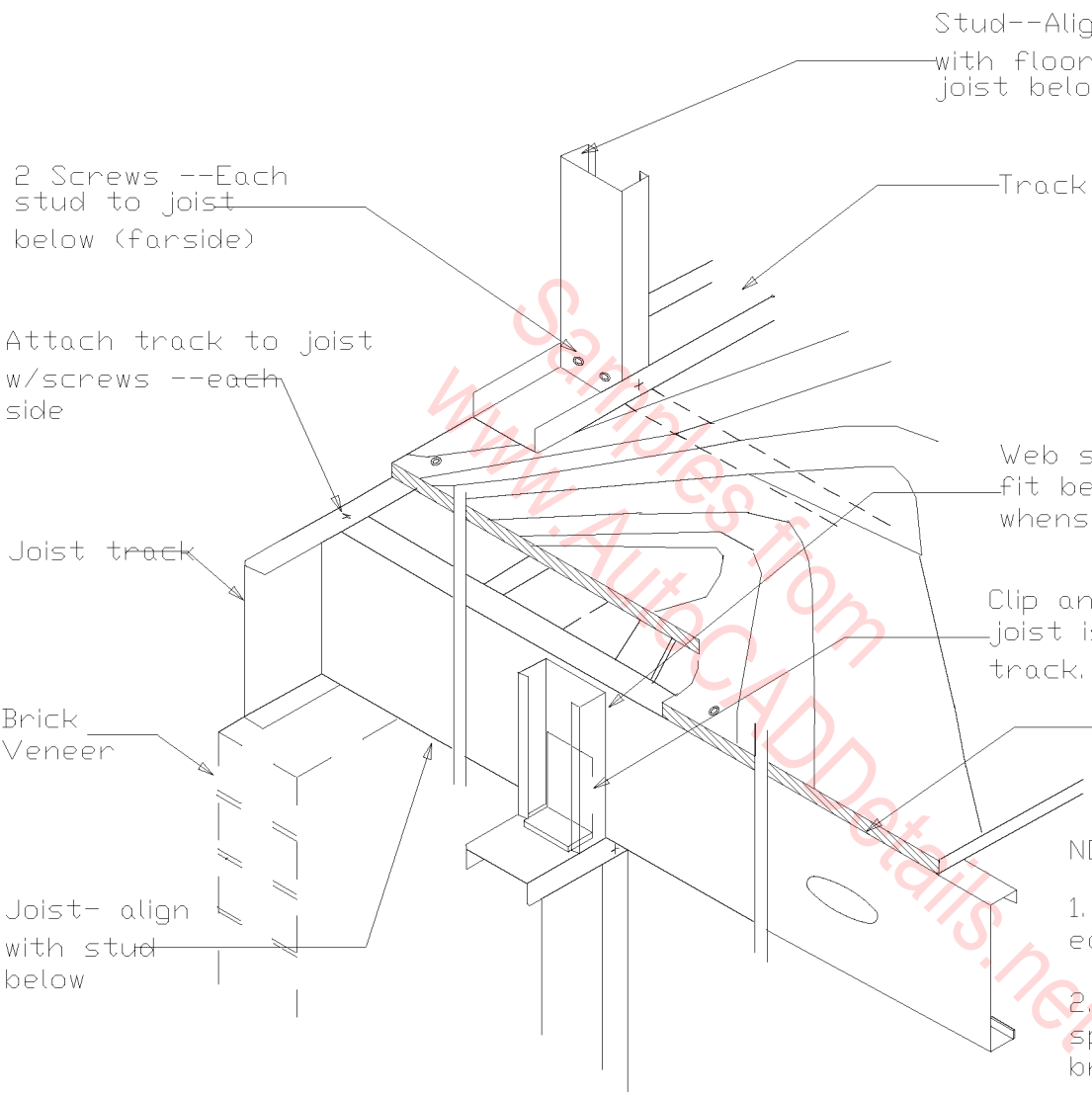


DETAIL A



DETAIL B

BOTTOM TRACK SPLICE DETAIL



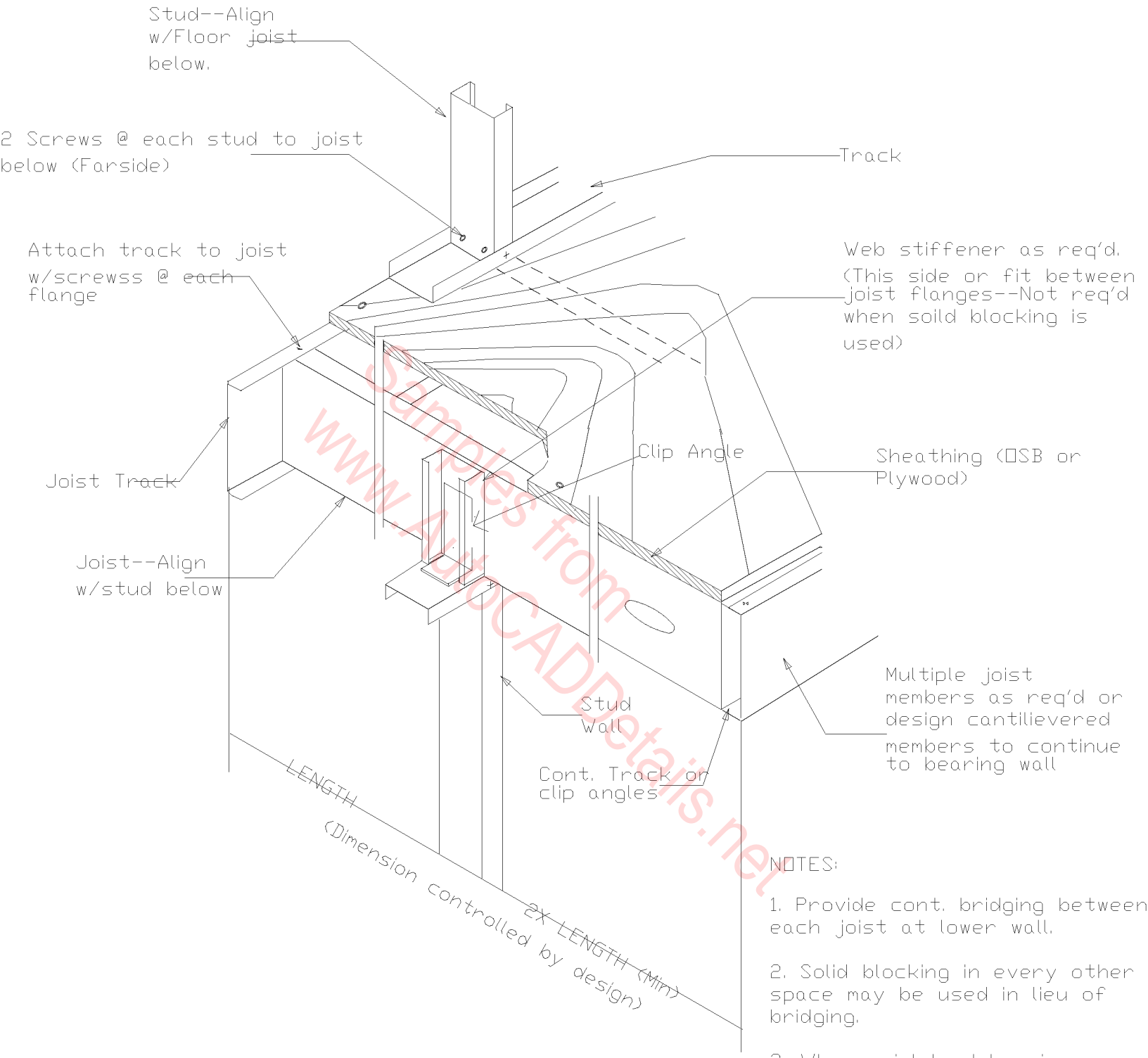
NOTES:

1. Provide cont. bridging between each joist at lower wall.

2. Solid blocking in every other space may be used in lieu of bridging.

3. Where axial load bearing members do not align vertically provide detail.

CANTILEVERED FLOOR JOIST AT BRICK VENEER



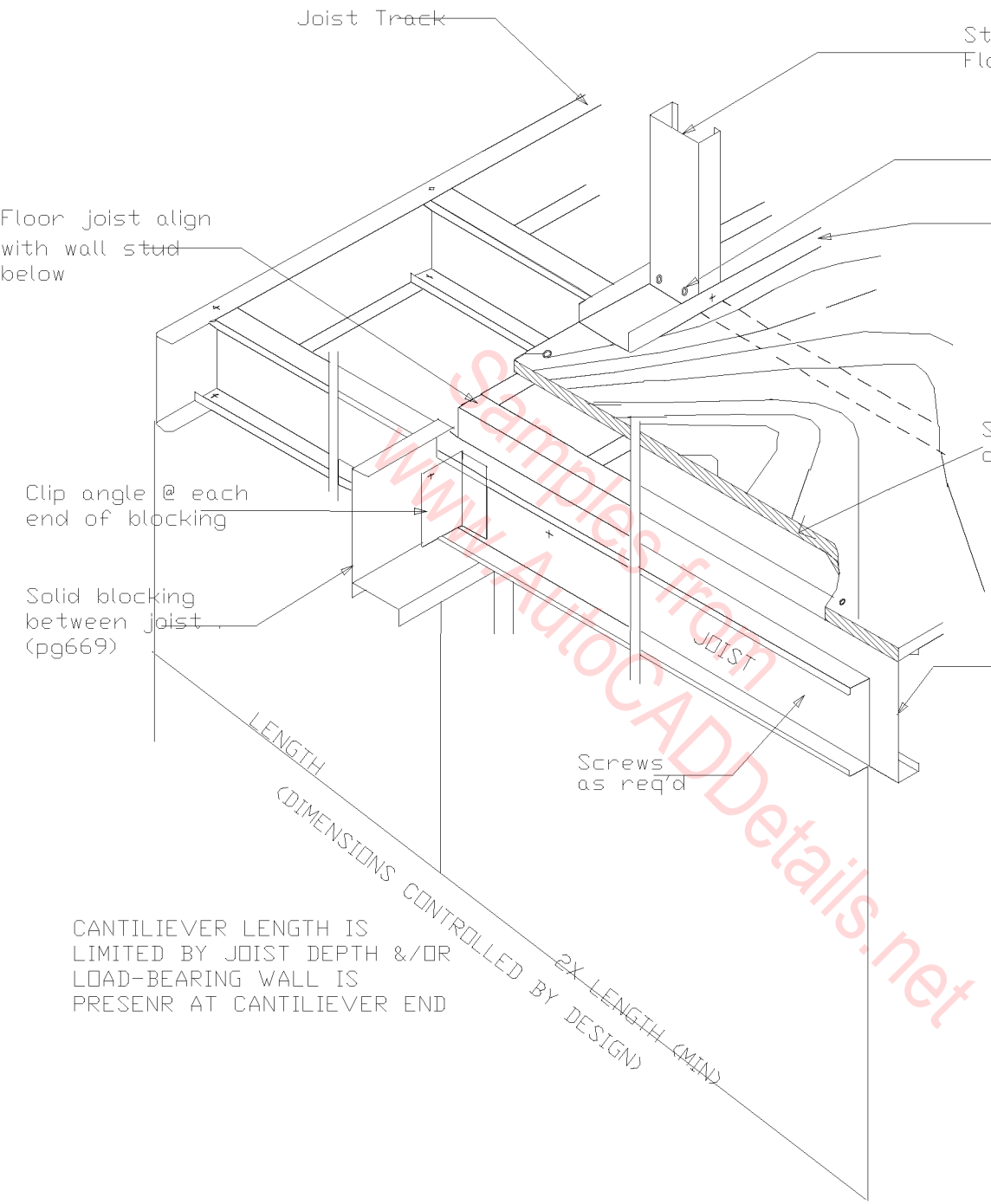
NOTES:

1. Provide cont. bridging between each joist at lower wall.

2. Solid blocking in every other space may be used in lieu of bridging.

3. Whereaxial load bearing members do not align vertically provide detail.

CANTILEVERED FLOOR JOIST AT FLUSH BALCONY FLOOR

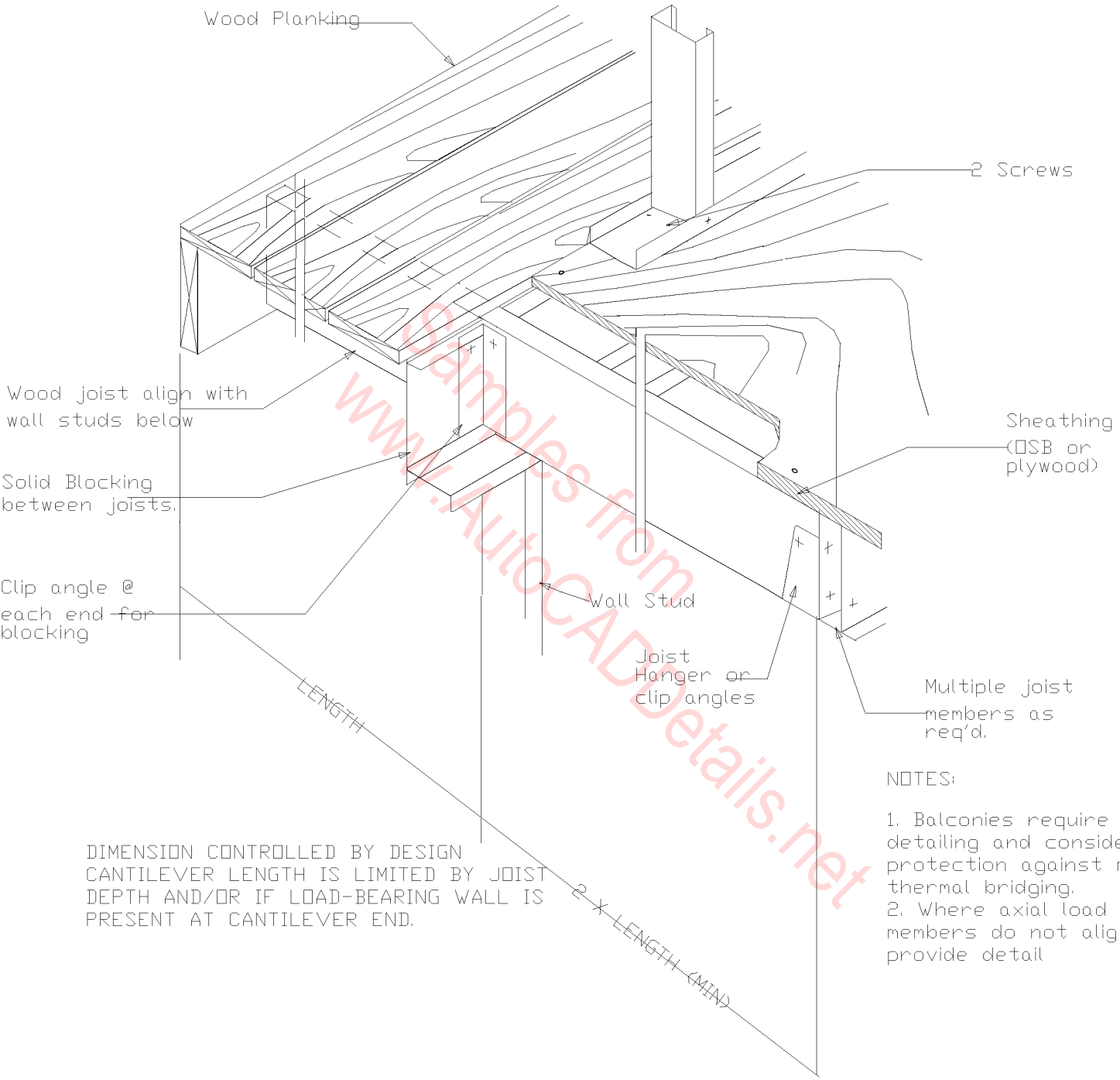


NOTES:

1. Balconies require special detailing and consideration for protection against moisture and thermal bridging.

2. Where axial load bearing members do not align verticall, provide detail

CANTILEVERED FLOOR AT STEP DOWN BALCONY FLOOR

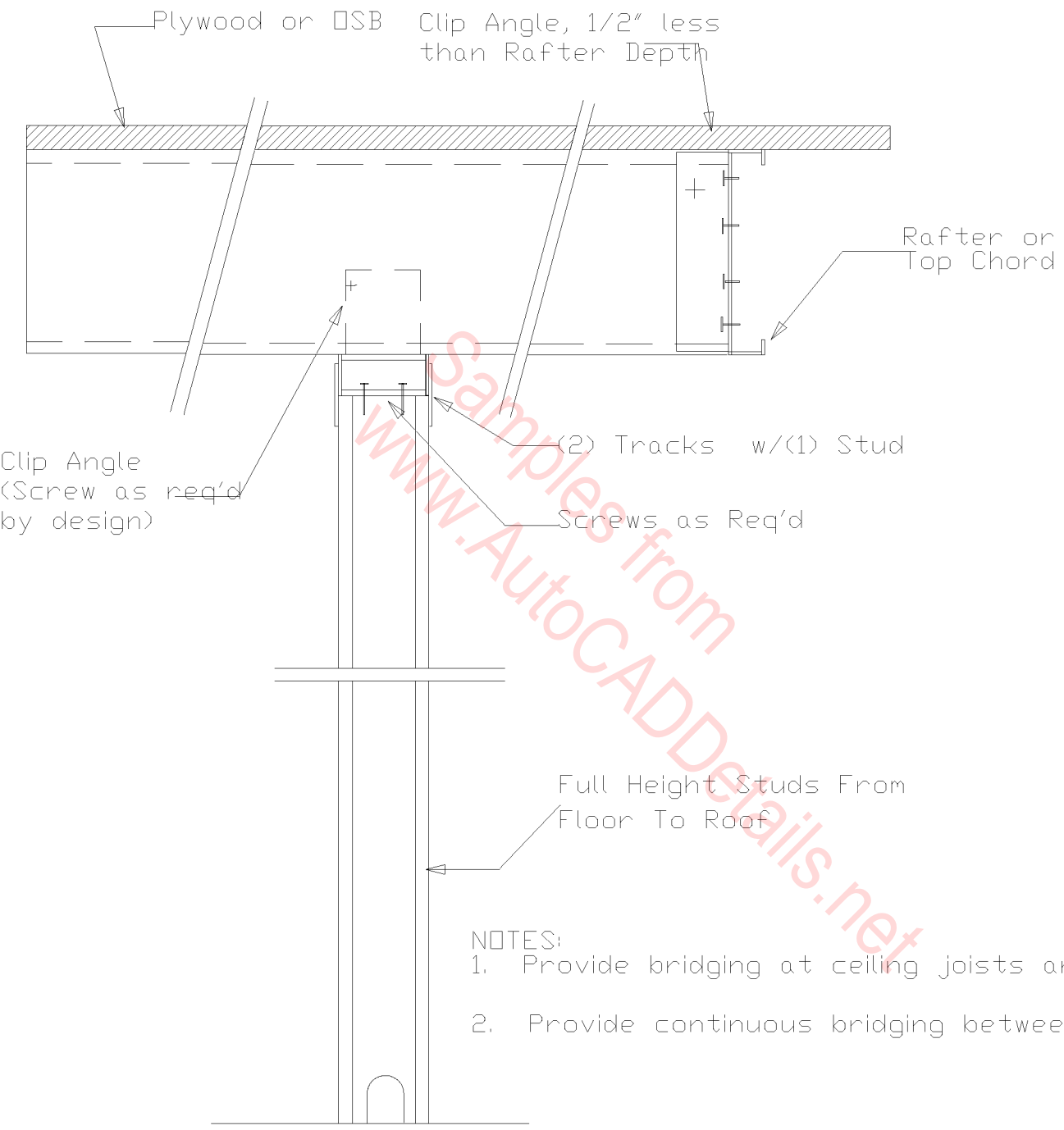


DIMENSION CONTROLLED BY DESIGN
CANTILEVER LENGTH IS LIMITED BY JOIST DEPTH AND/OR IF LOAD-BEARING WALL IS PRESENT AT CANTILEVER END.

NOTES:

1. Balconies require special detailing and consideration for protection against moisture and thermal bridging.
2. Where axial load bearing members do not align vertically, provide detail

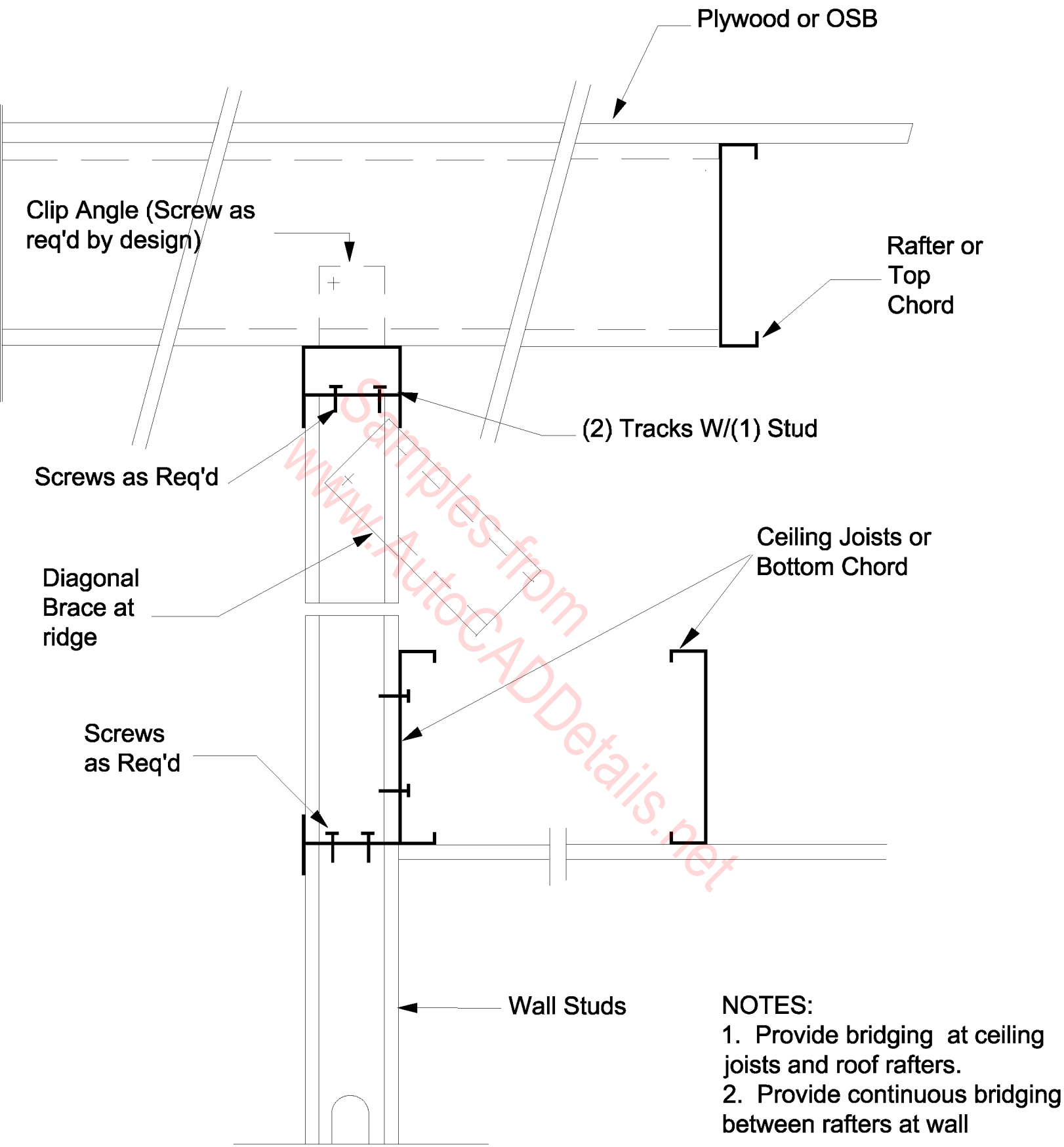
CANTILEVERED FLOOR AT WOOD BALCONY



NOTES:
1. Provide bridging at ceiling joists and roof rafters.

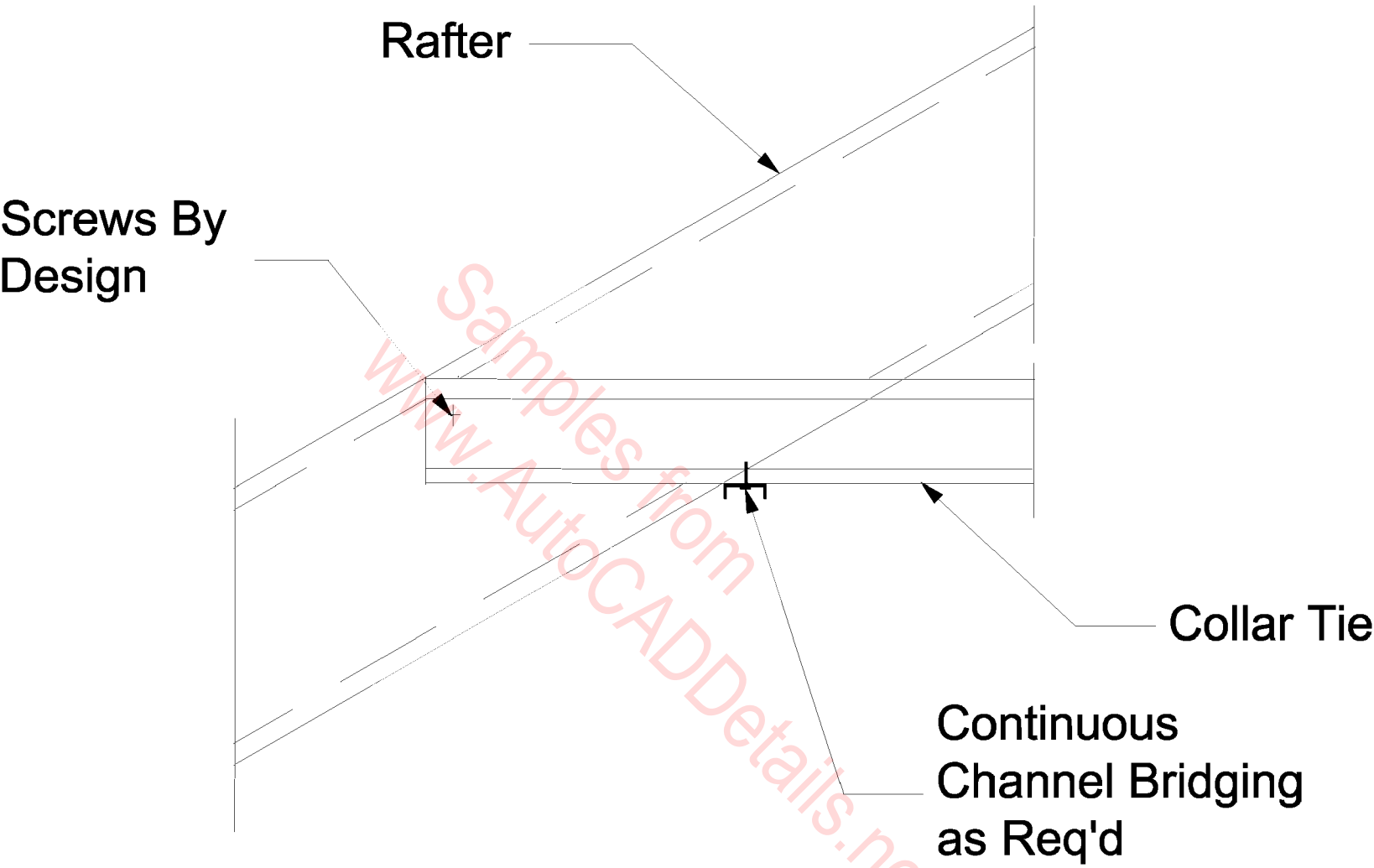
2. Provide continuous bridging between rafters at wall

CANTILEVERED GABLE END AT CATHEDRAL

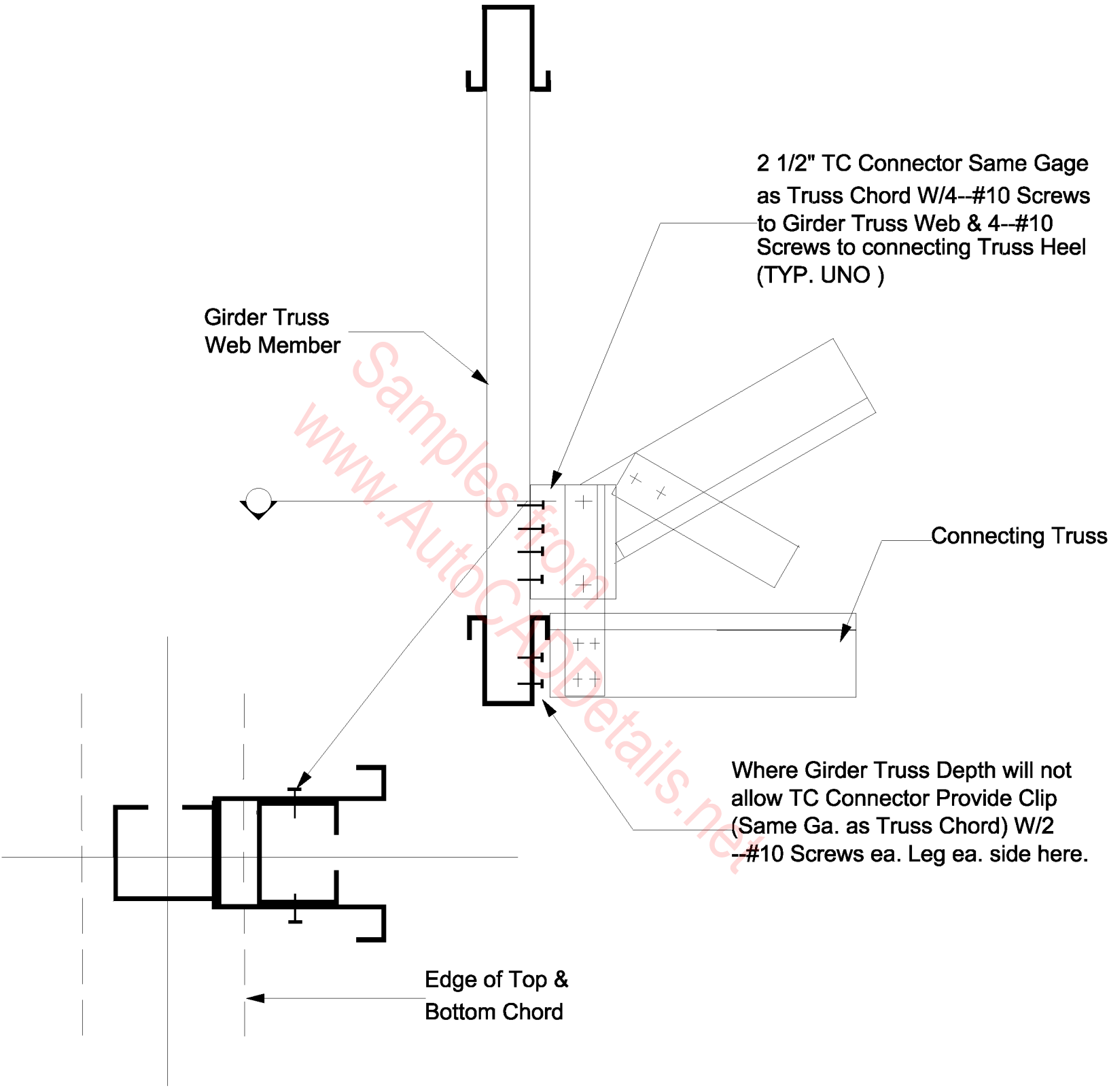


NOTES:
1. Provide bridging at ceiling joists and roof rafters.
2. Provide continuous bridging between rafters at wall

CANTILEVERED ROOF GABLE END

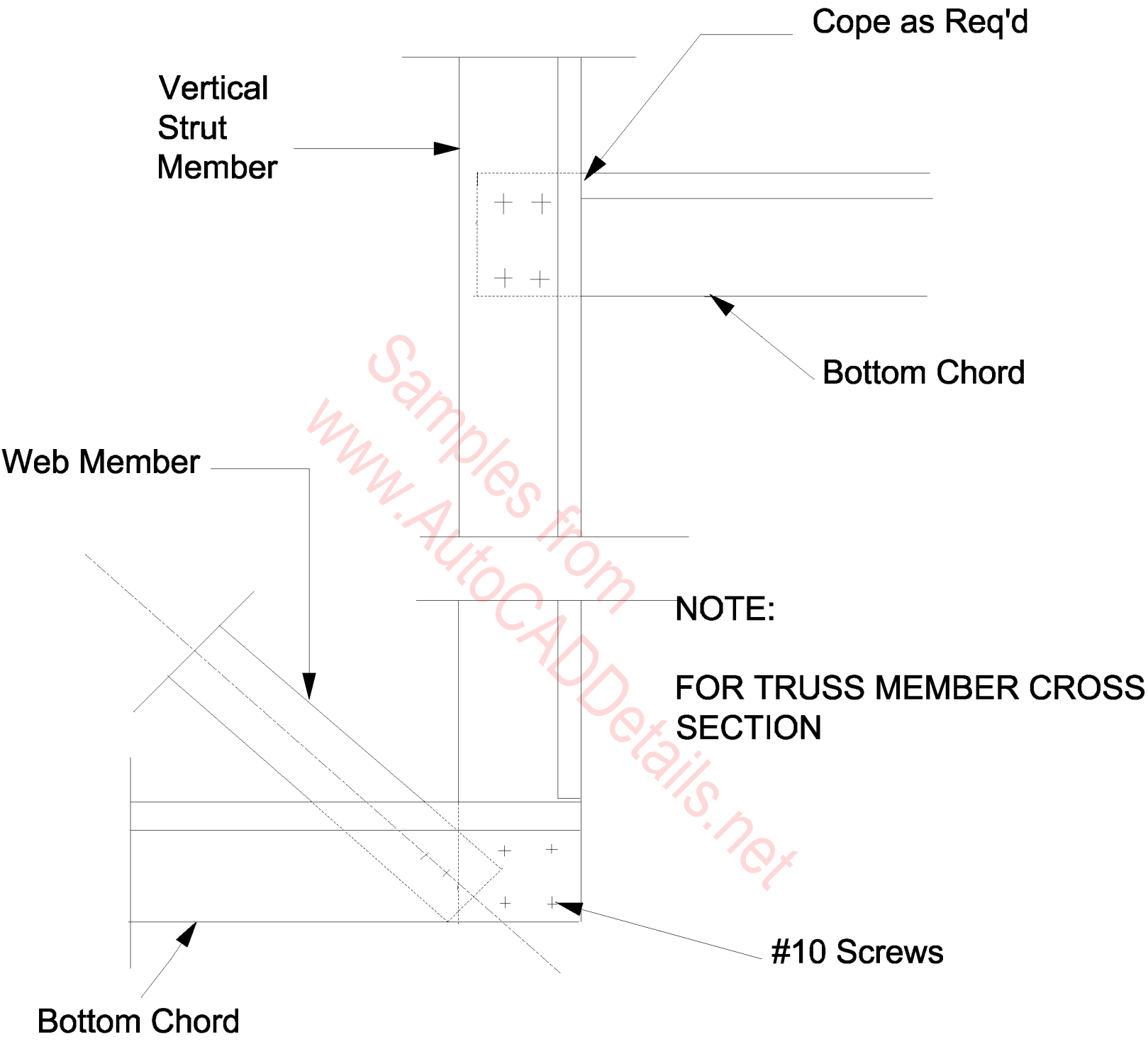


COLLAR TIE AT RAFTER DETAIL



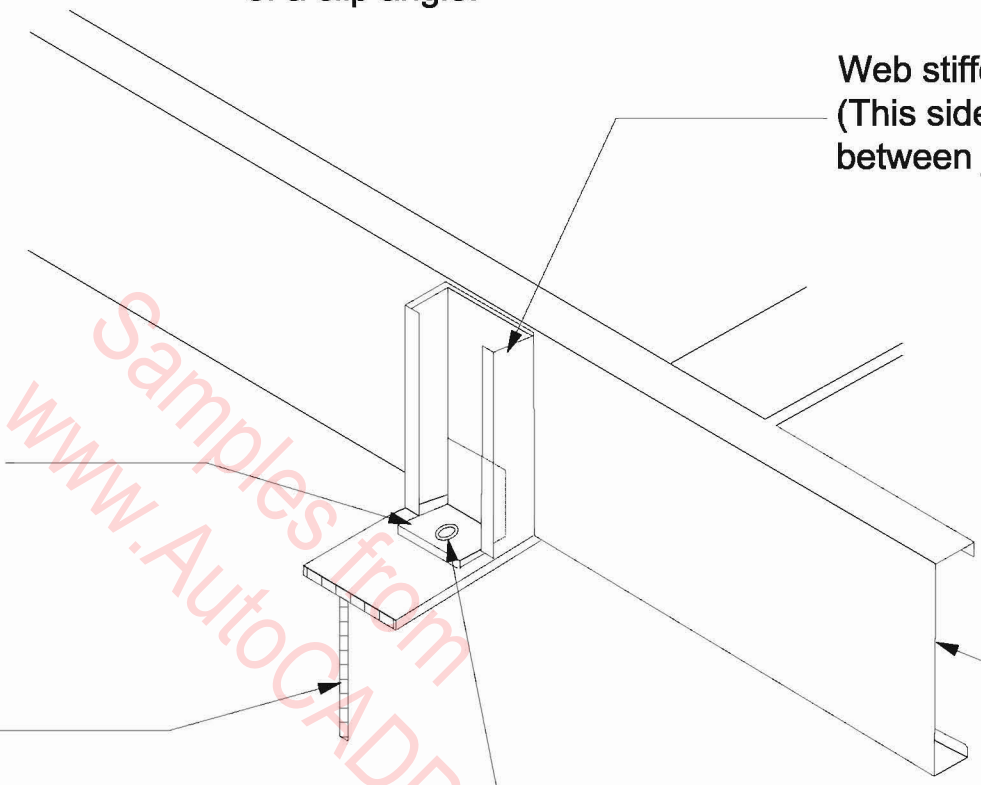
SECT. AT TRUSS

COMMON TRUSS CONNECTION TO GIRDER TRUSS



COMPOSITE TRUSS DETAIL (SCISSORS/COMMON)

NOTE: Joist may be screwed directly to beam using min. 2-#4 or #5 point self-drilling screws in lieu of a clip angle.



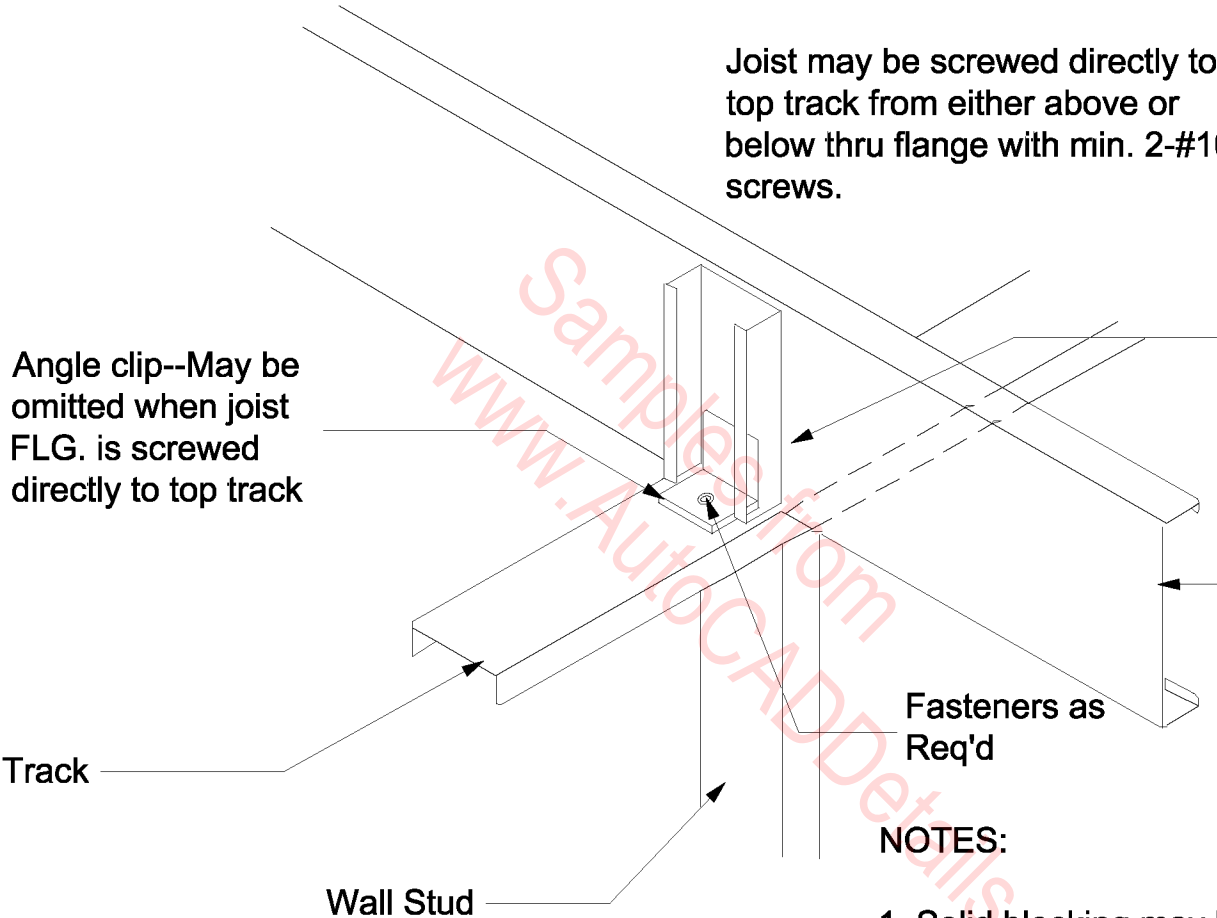
NOTES:

1. Continuous bridging required between each joist above beam--use solid blocking in every other space may be used in lieu of bridging.
2. When wall above, studs must align with joists.
3. Web stiffeners are not required when contonuous solid blocking is used.

CONTINUOUS FLOOR JOIST OVER STEEL OR BUILD-UP BEAM

NOTE:

Joist may be screwed directly to top track from either above or below thru flange with min. 2-#10 screws.

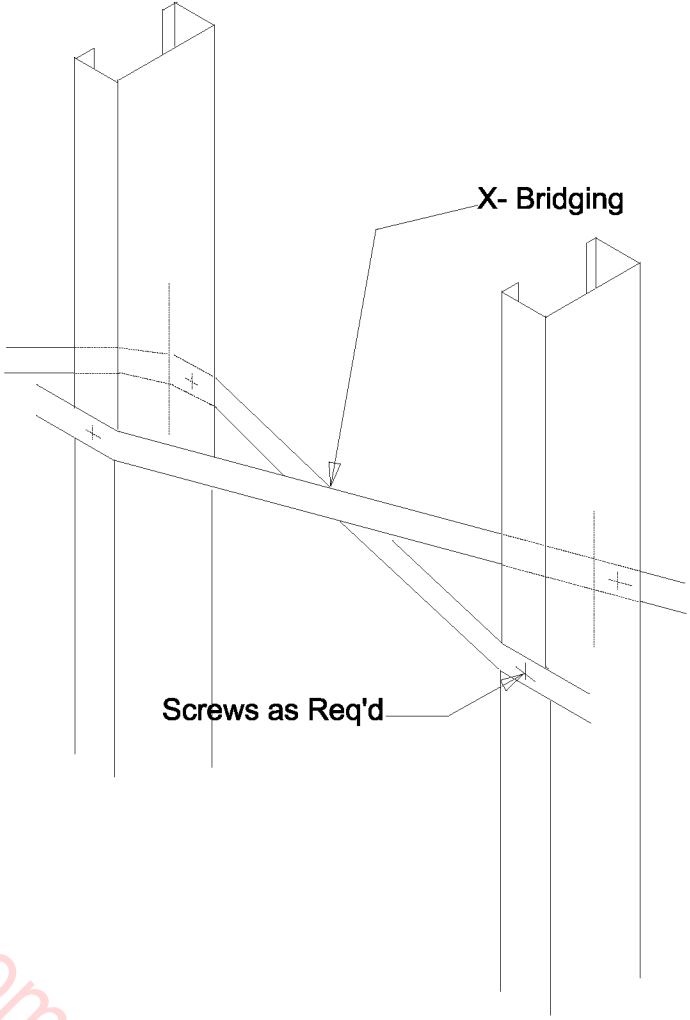


NOTES:

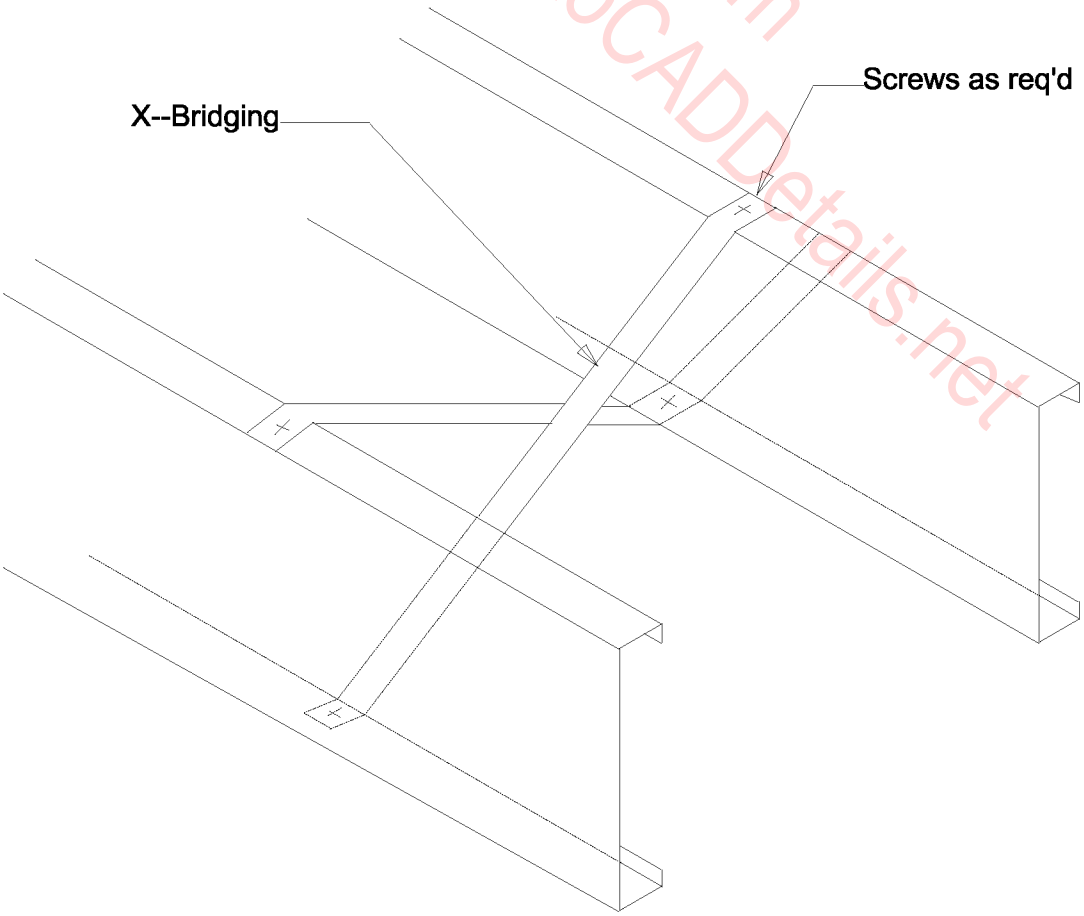
1. Solid blocking may be required between each joist.

2. Web stiffners are not required when continuous sold blocking is used.

CONTINUOUS FLOOR JOIST OVER LOAD BEARING STUD WALL

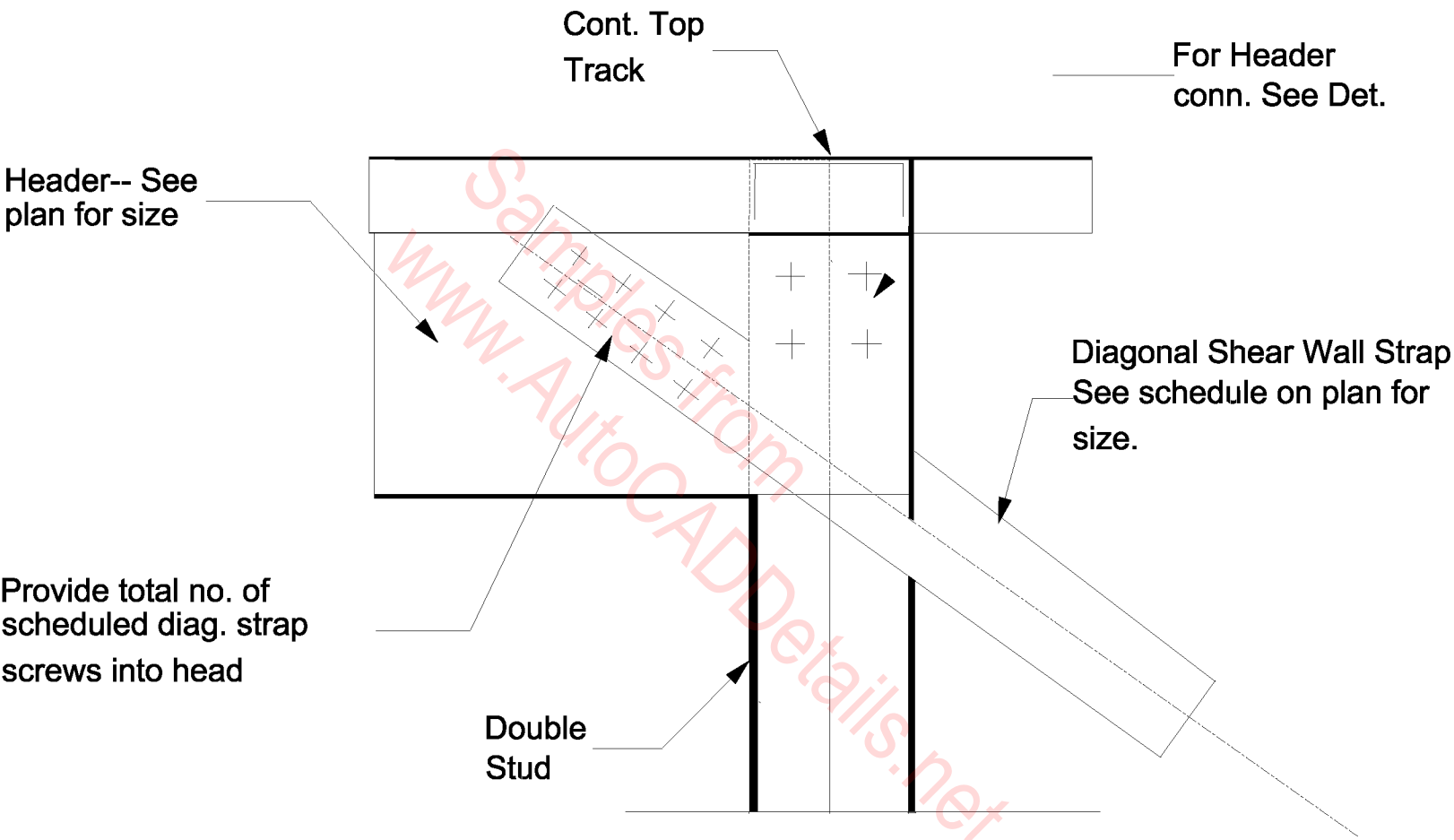


STUDS

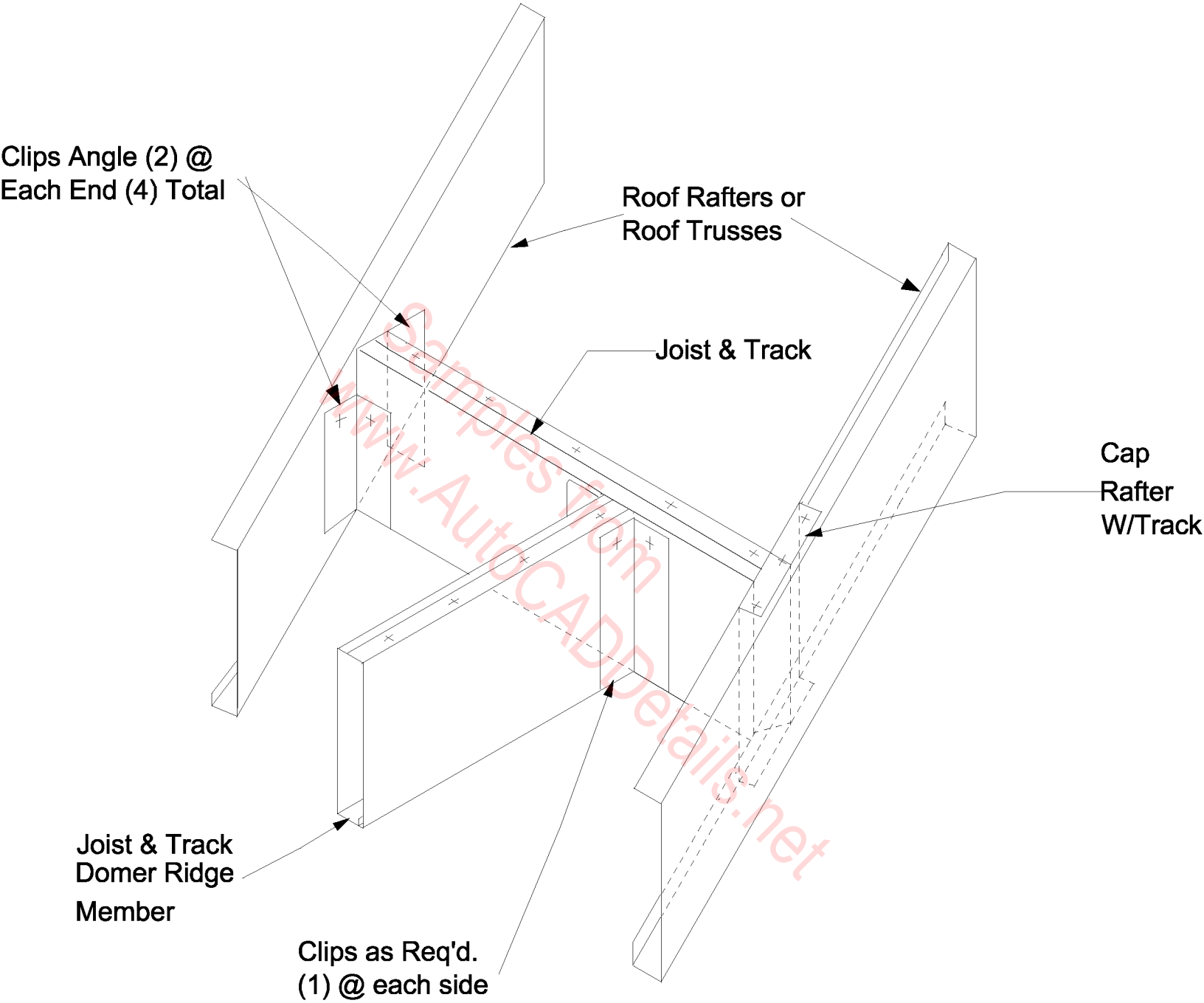


JOISTS OR RAFTERS

CROSS BRIDGING

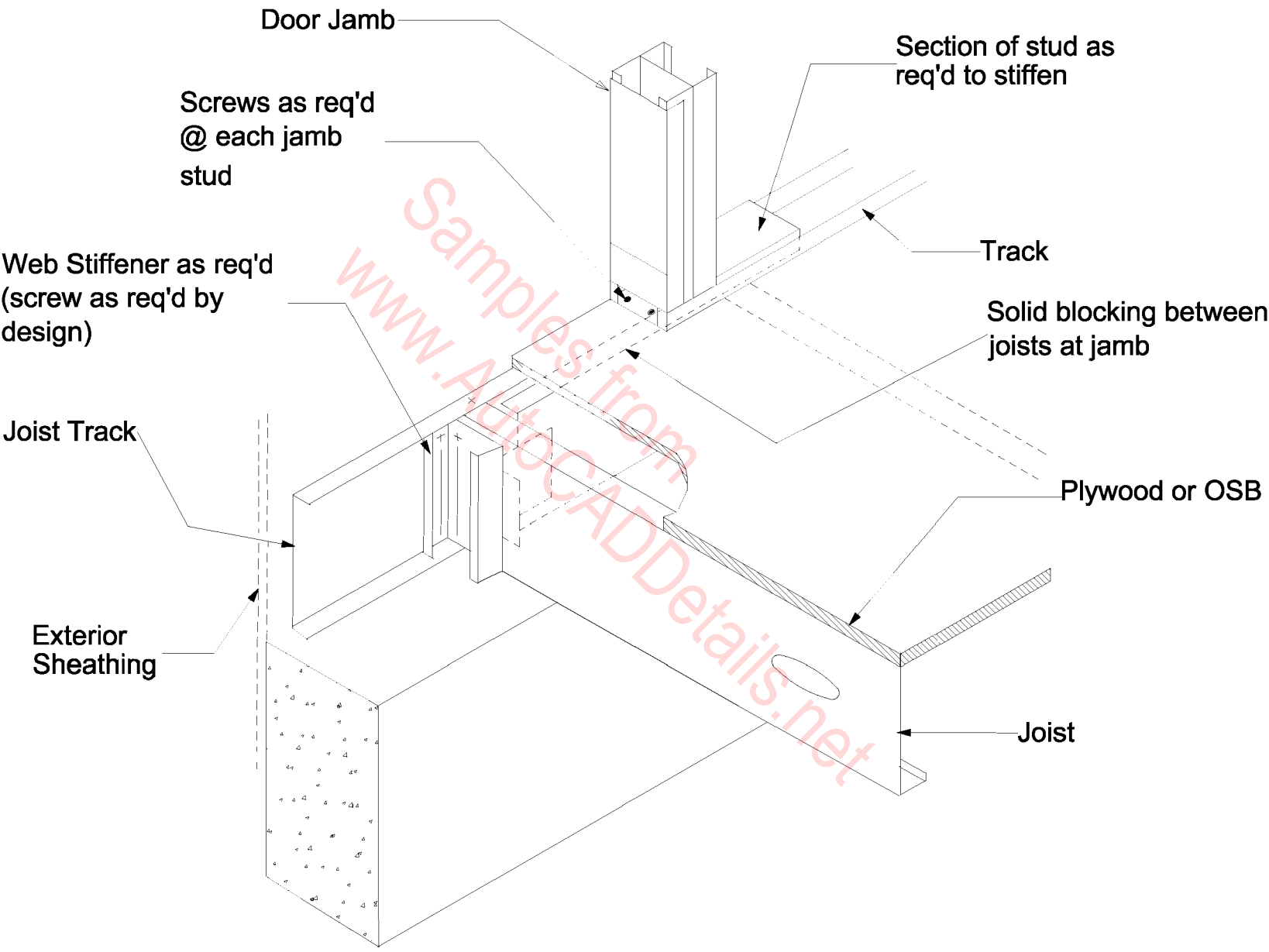


DIAGONAL STRAP ATTACHMENT TO HEADER



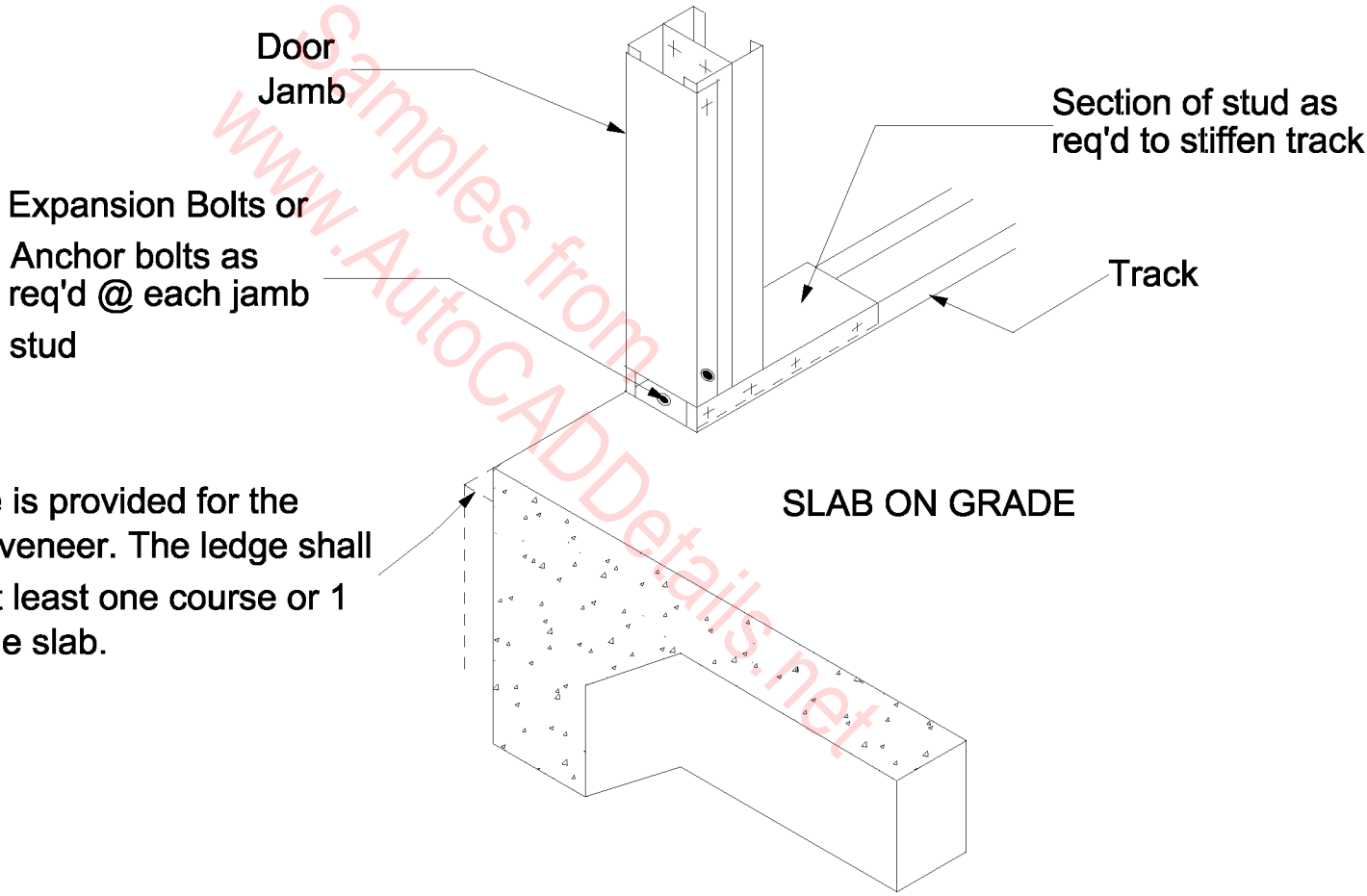
DORMER RIDGE AT MAIN ROOF DETAIL

NOTE: DOOR JAMB STUD'S MAY BE TURNED FLANGE TO FLANGE
THUS ELIMANATING TRACK SCREWED TO FACE OF JAMB

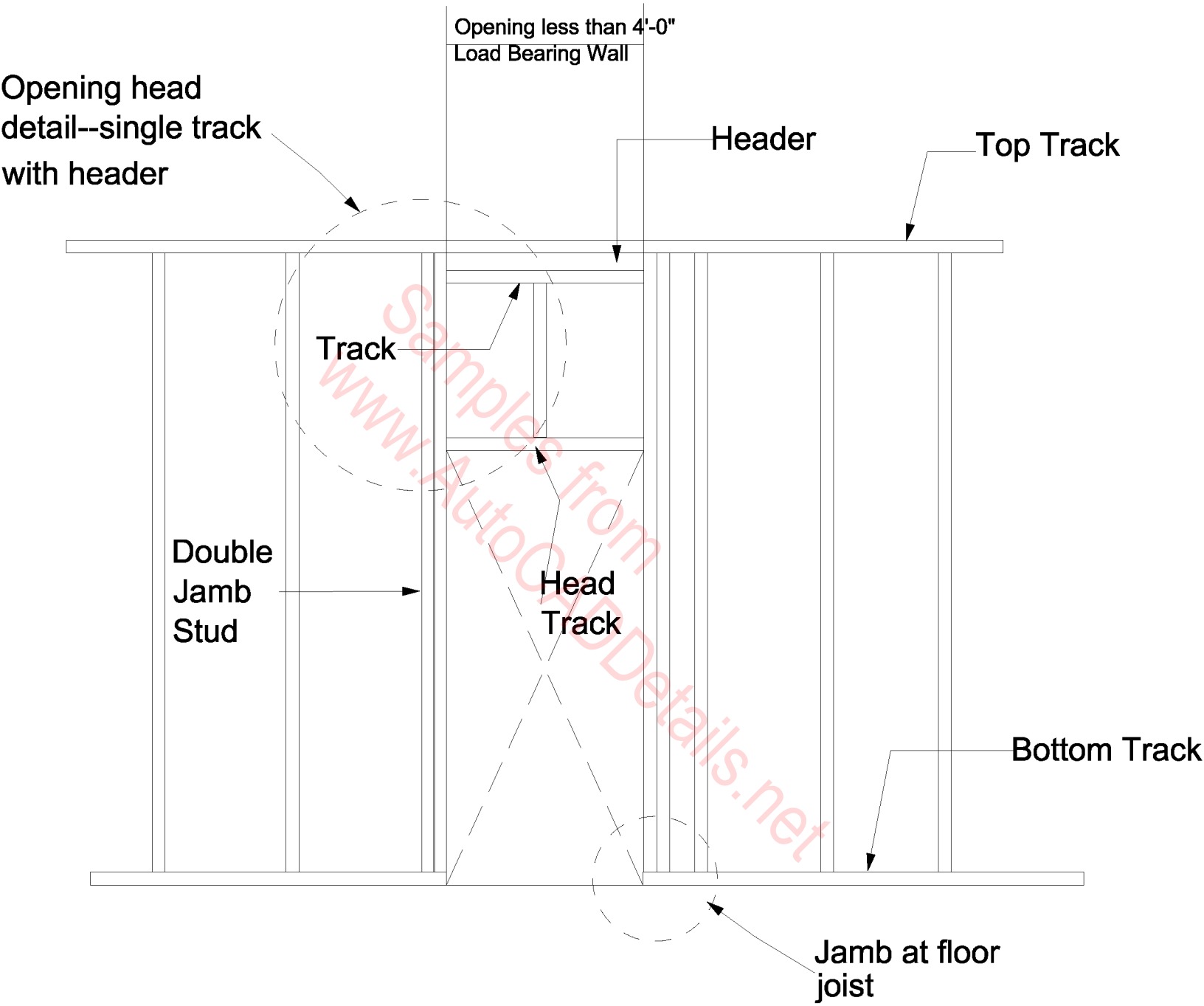


DOOR JAMB BASE AT FRAMING

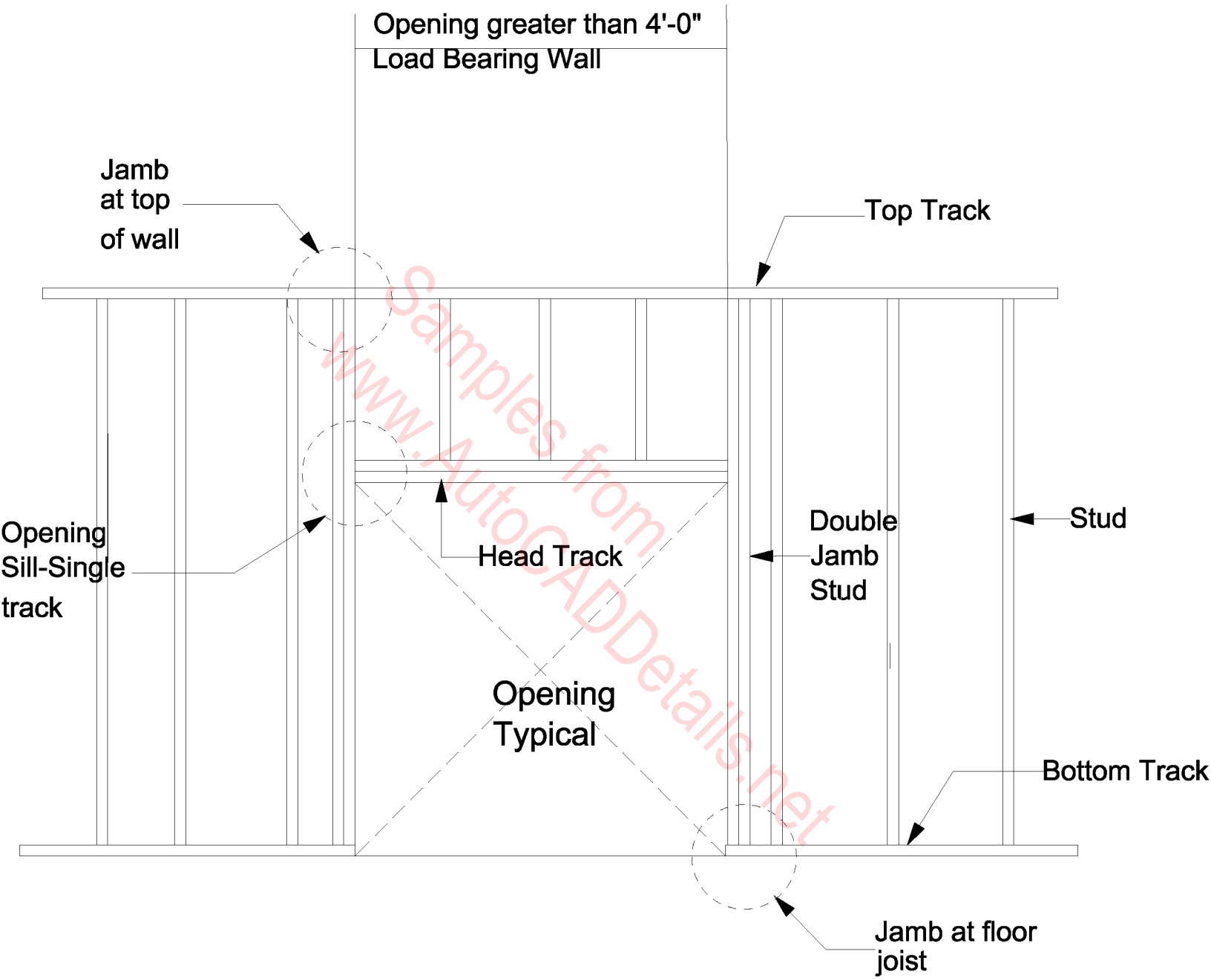
NOTE: DOOR JAMB STUDS MAY BE TURNED
FLANGE TO FLANGE THUS ELIMANATING
TRACK SCREWED TO FACE OF JAMB



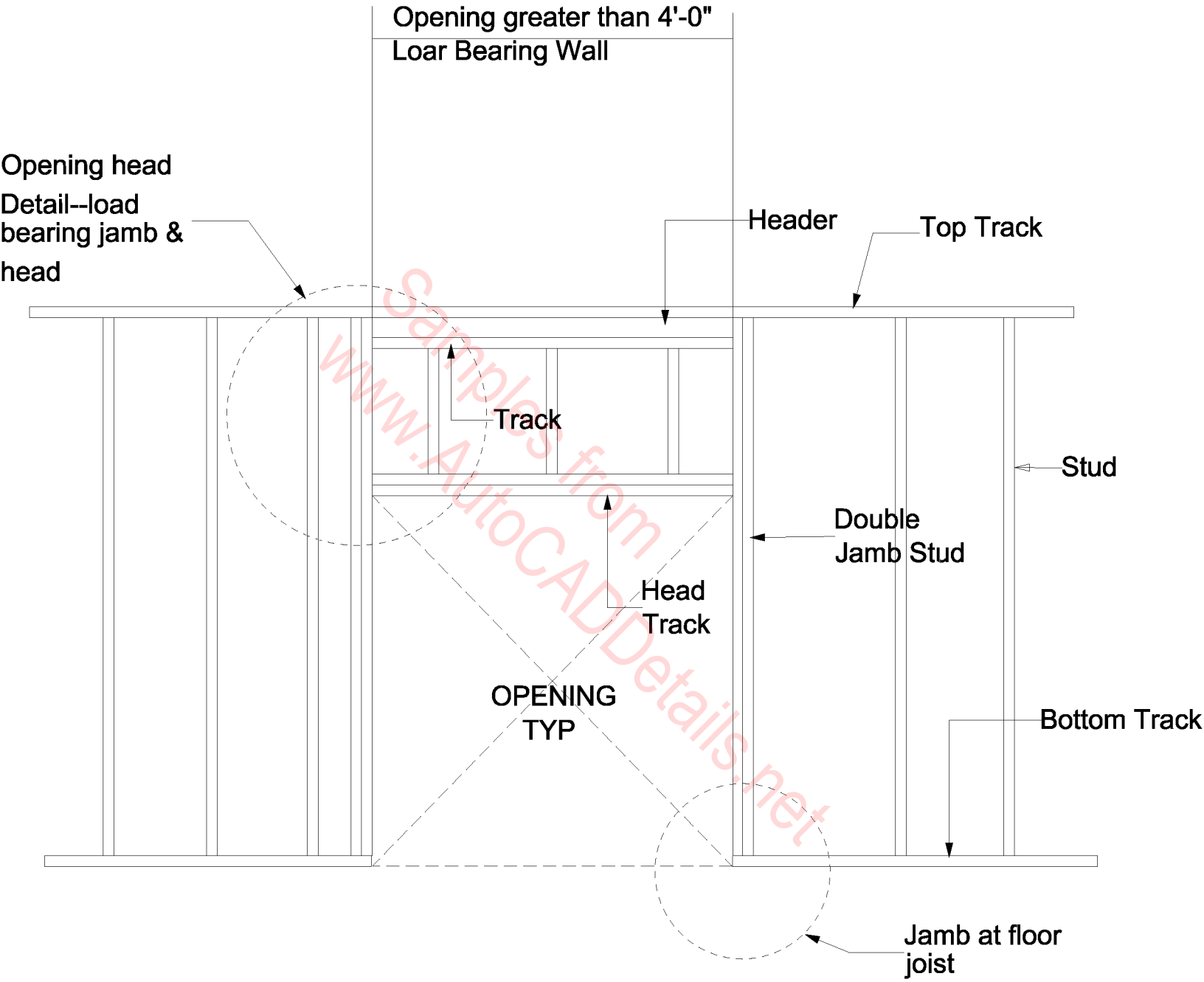
DOOR JAMB BASE AT SLAB ON GRADE



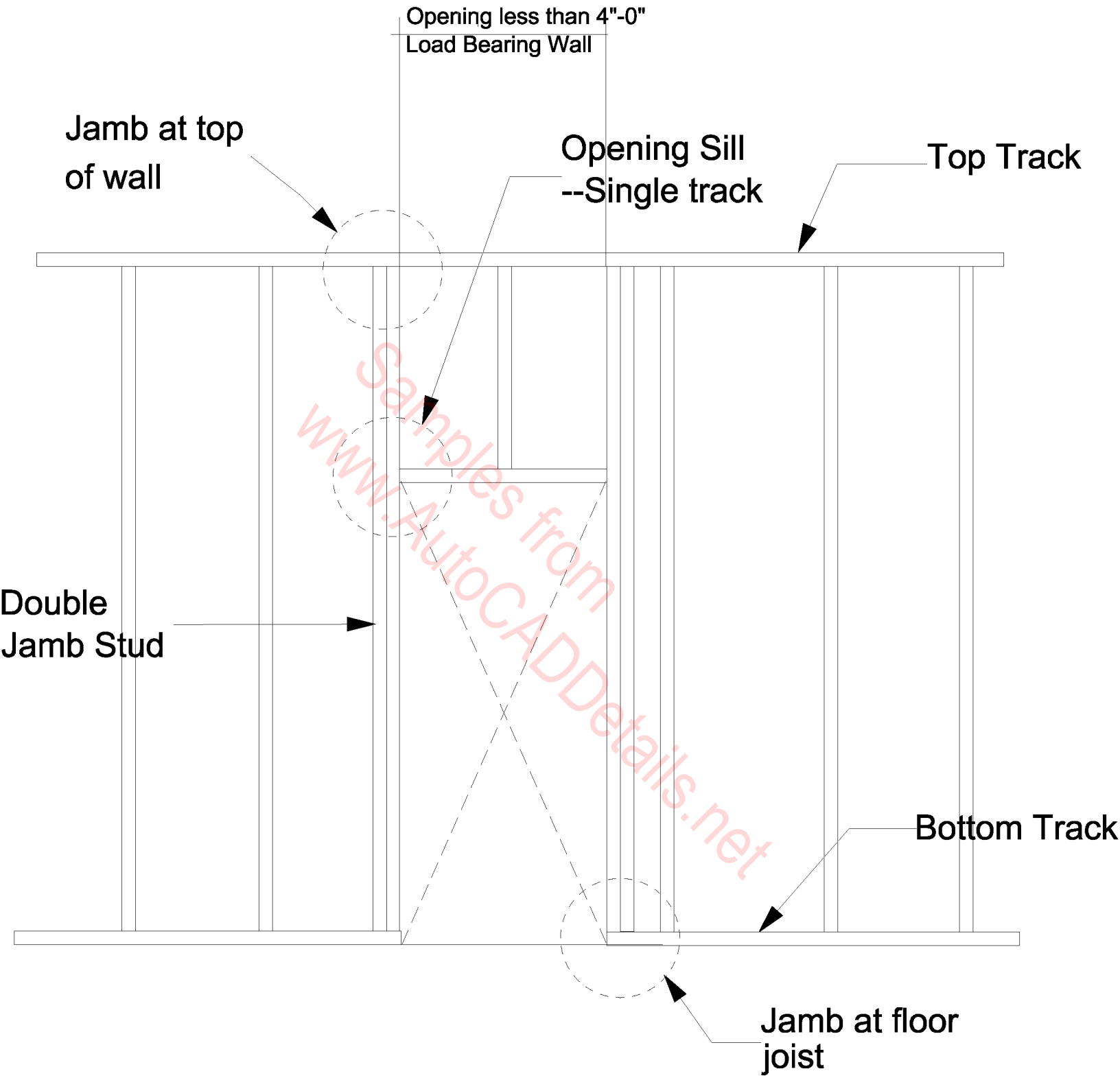
DOOR OPENING LESS THAN 4 FEET WIDE---LOAD BEARING



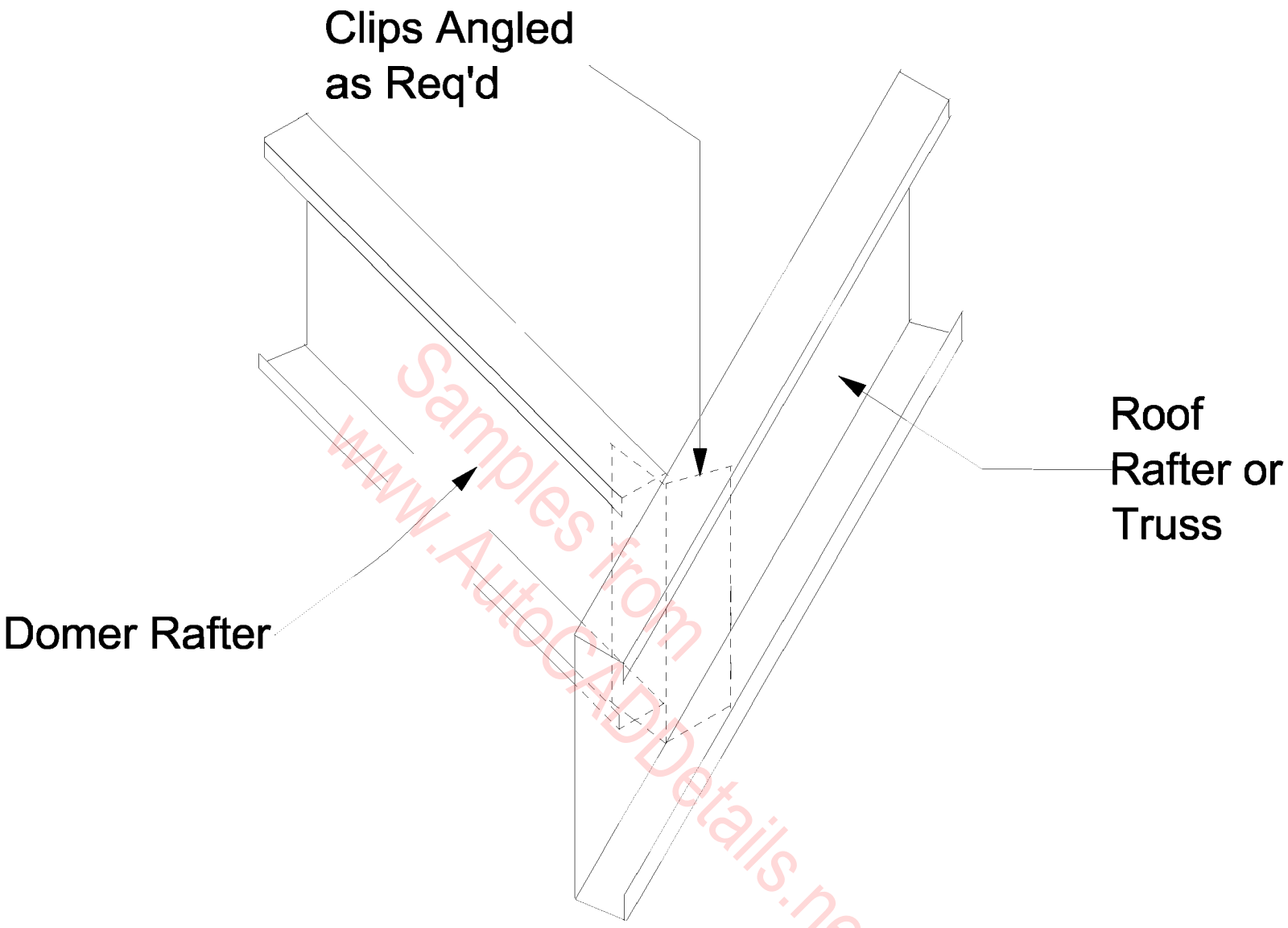
DOOR OPENING GREATER THAN
4 FEET WIDE--NON-LOAD BEARING



DOOR OPENING GREATER THAN 4 FEET WIDE--LOAD BEARING

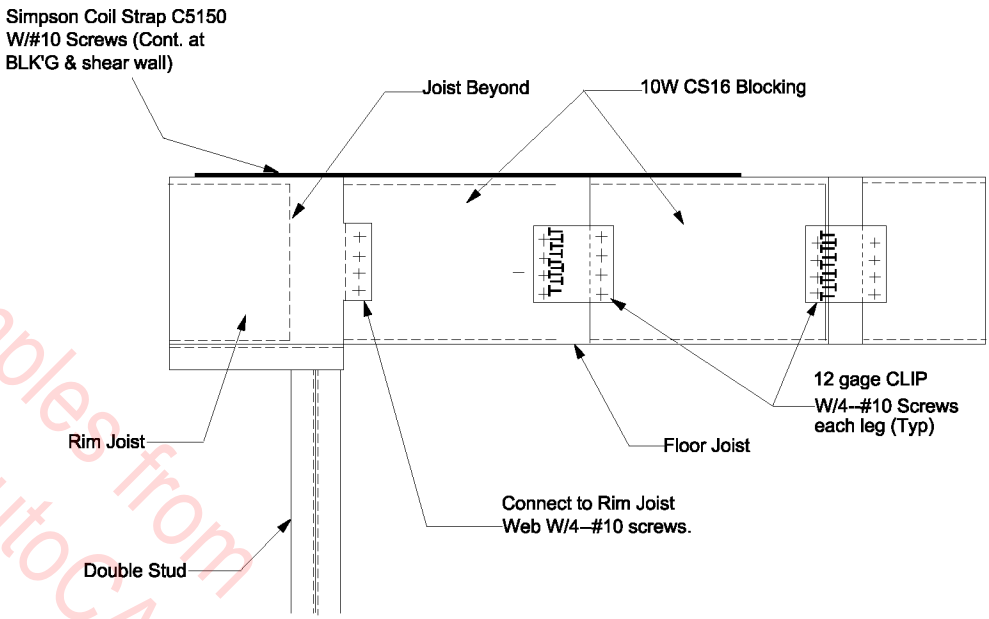


DOOR OPENING LESS THAN 4 FEET WIDE--NON-LOAD BEARING

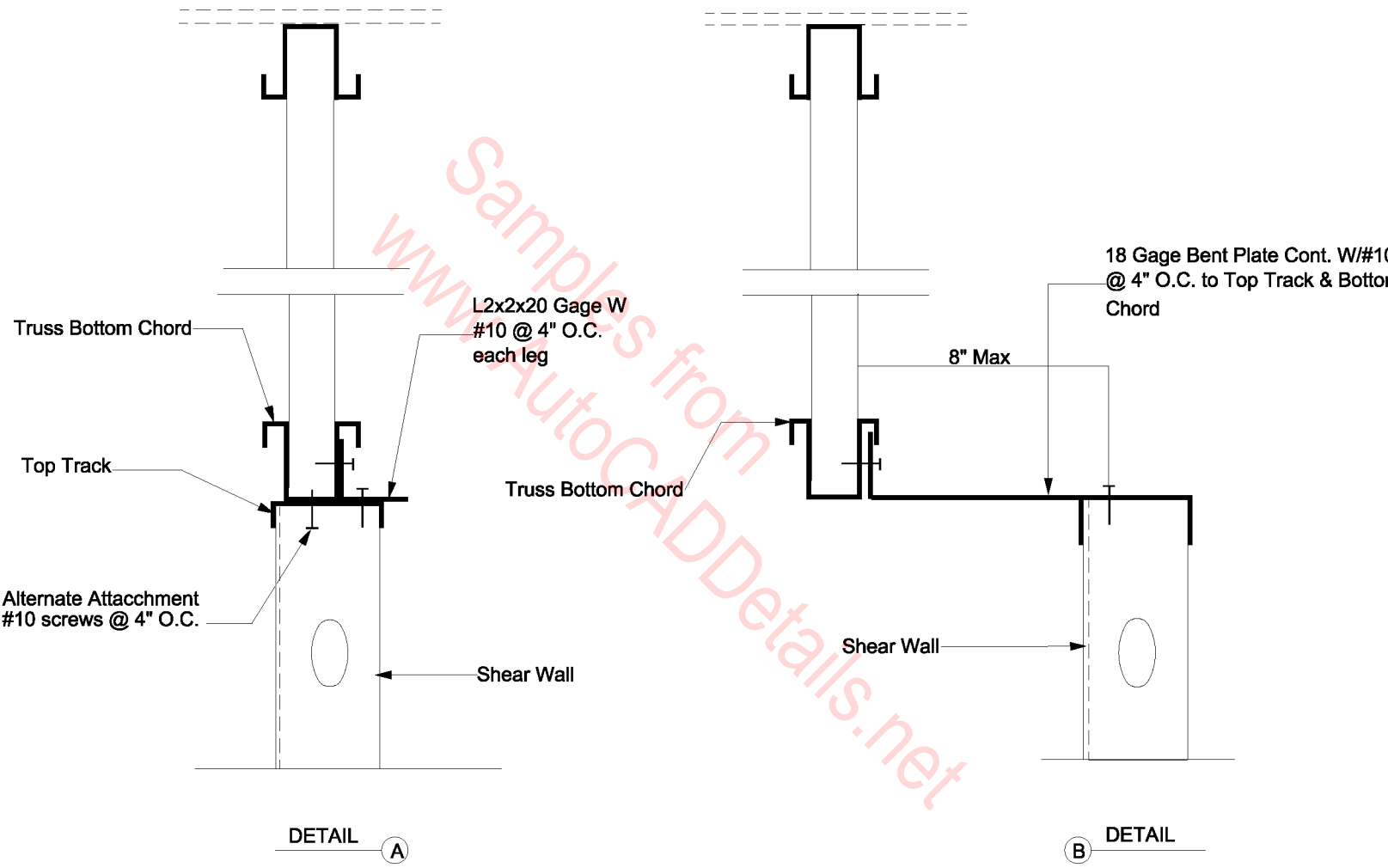


Supported member may be connected by cutting flanges-- bending web to desired angle & flastening directly with screws as desired.

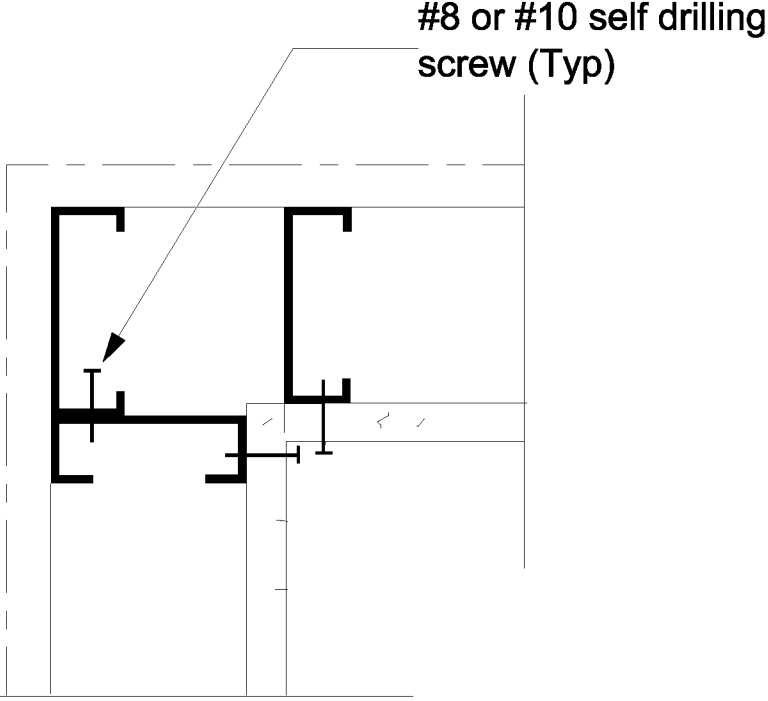
DOMER RAFTER AT ROOF RAFTER DETAIL



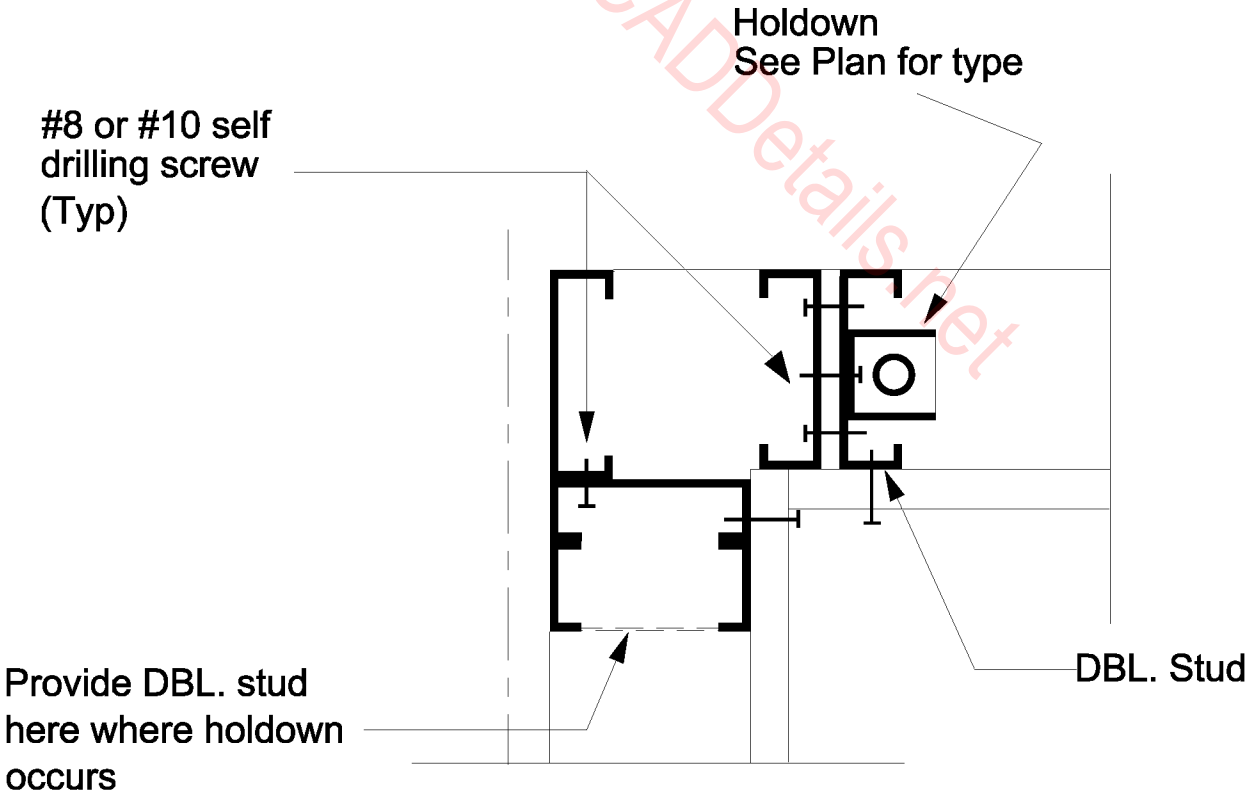
DRAG STRUT BLOCKING INTO FLOOR DIAPHRAGM



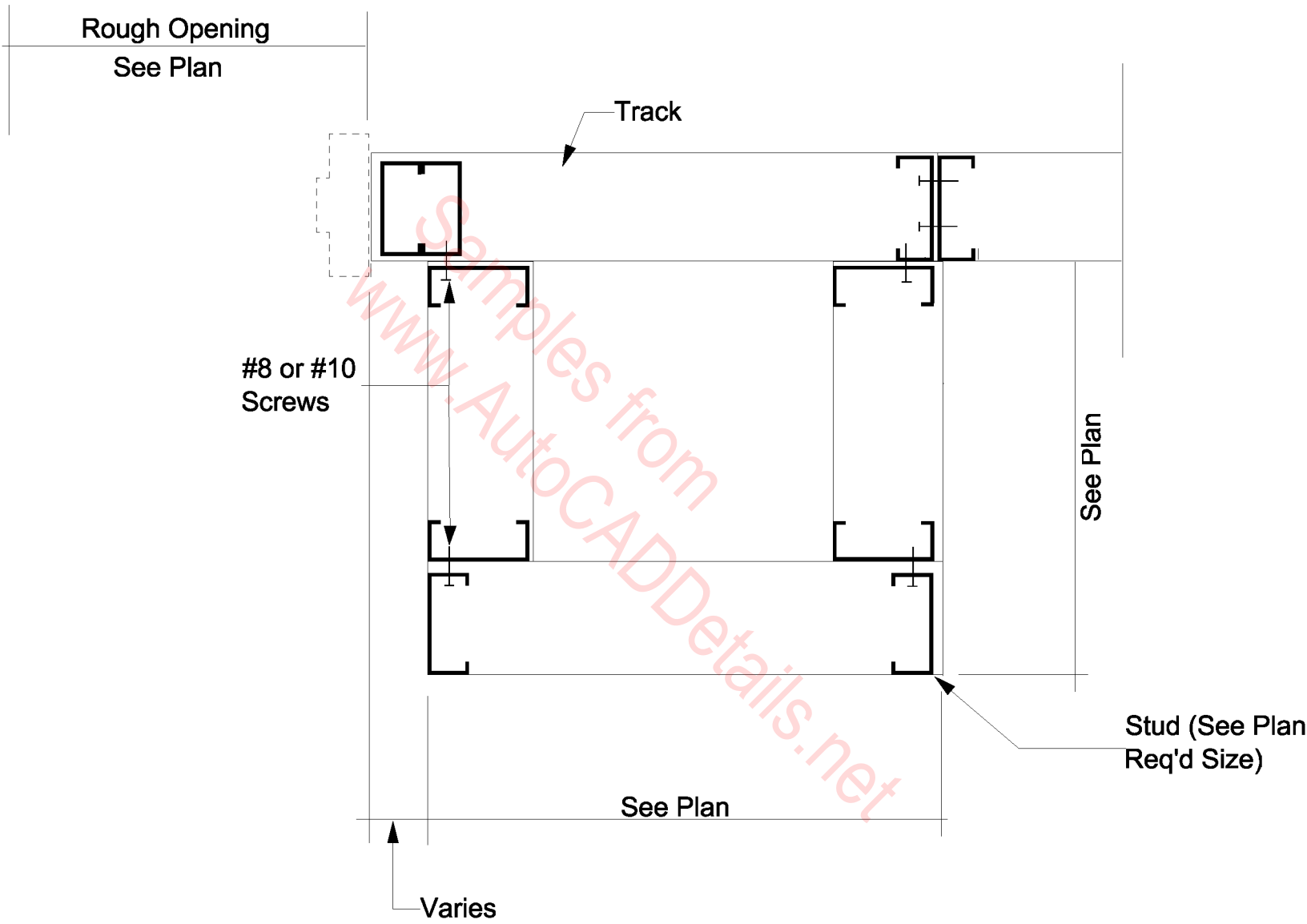
DRAG TRUSS TO SHEAR WALL TOP TRACK



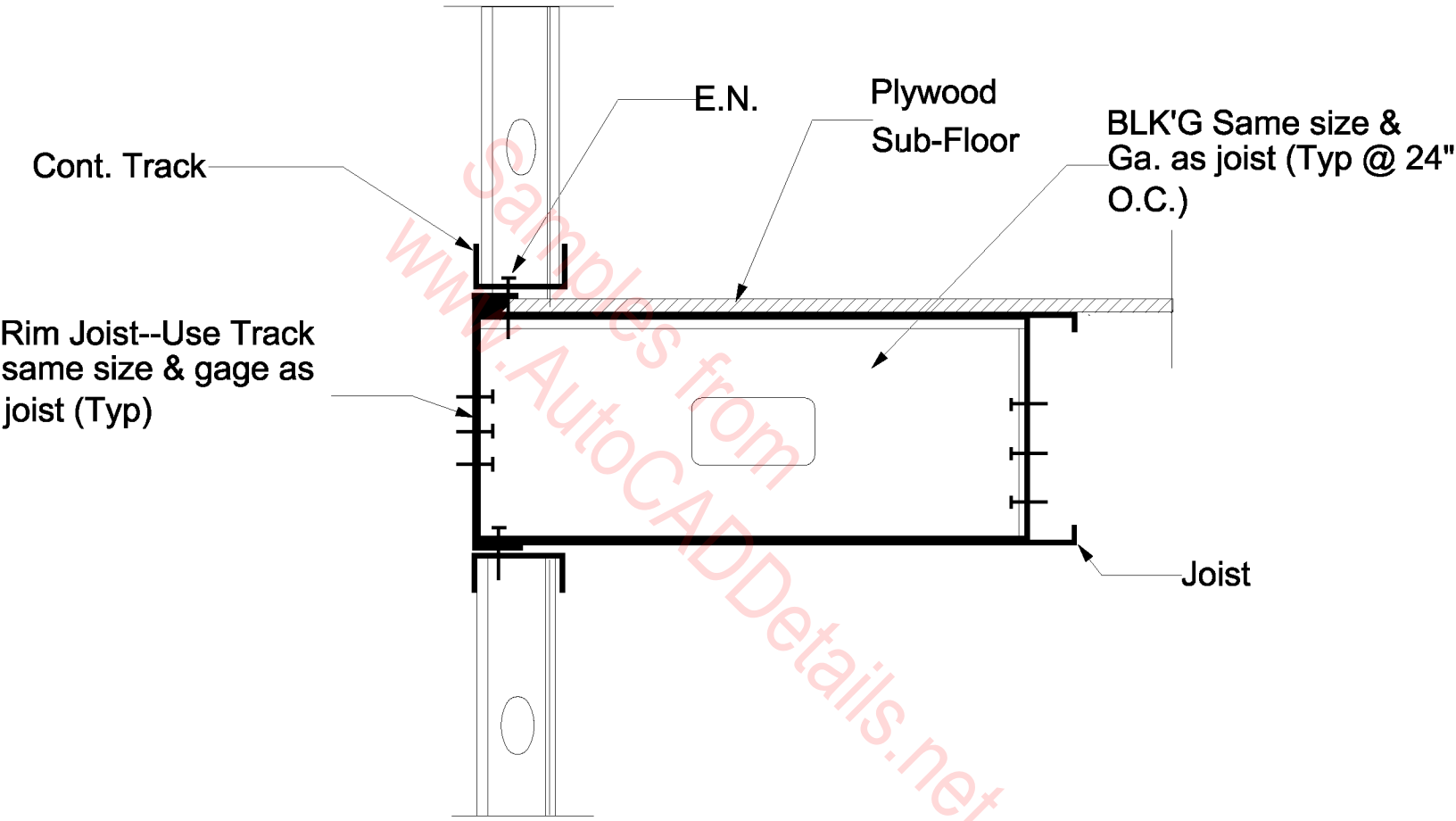
TYPICAL EXTERIOR CORNER FRAMING



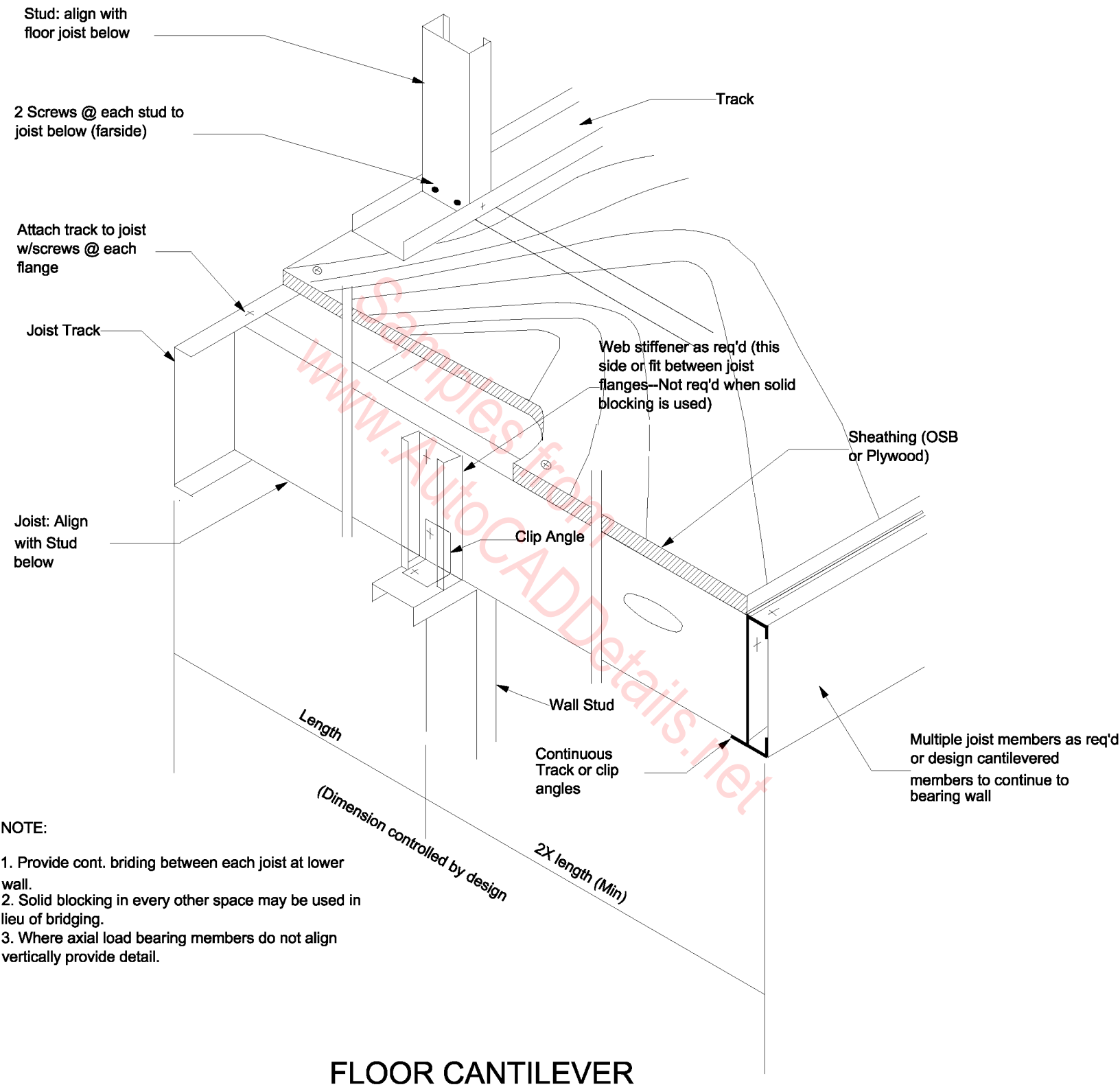
EXTERIOR CORNER FRAMING WITH HOLDOWN



EXTERIOR POP-OUT DETAIL



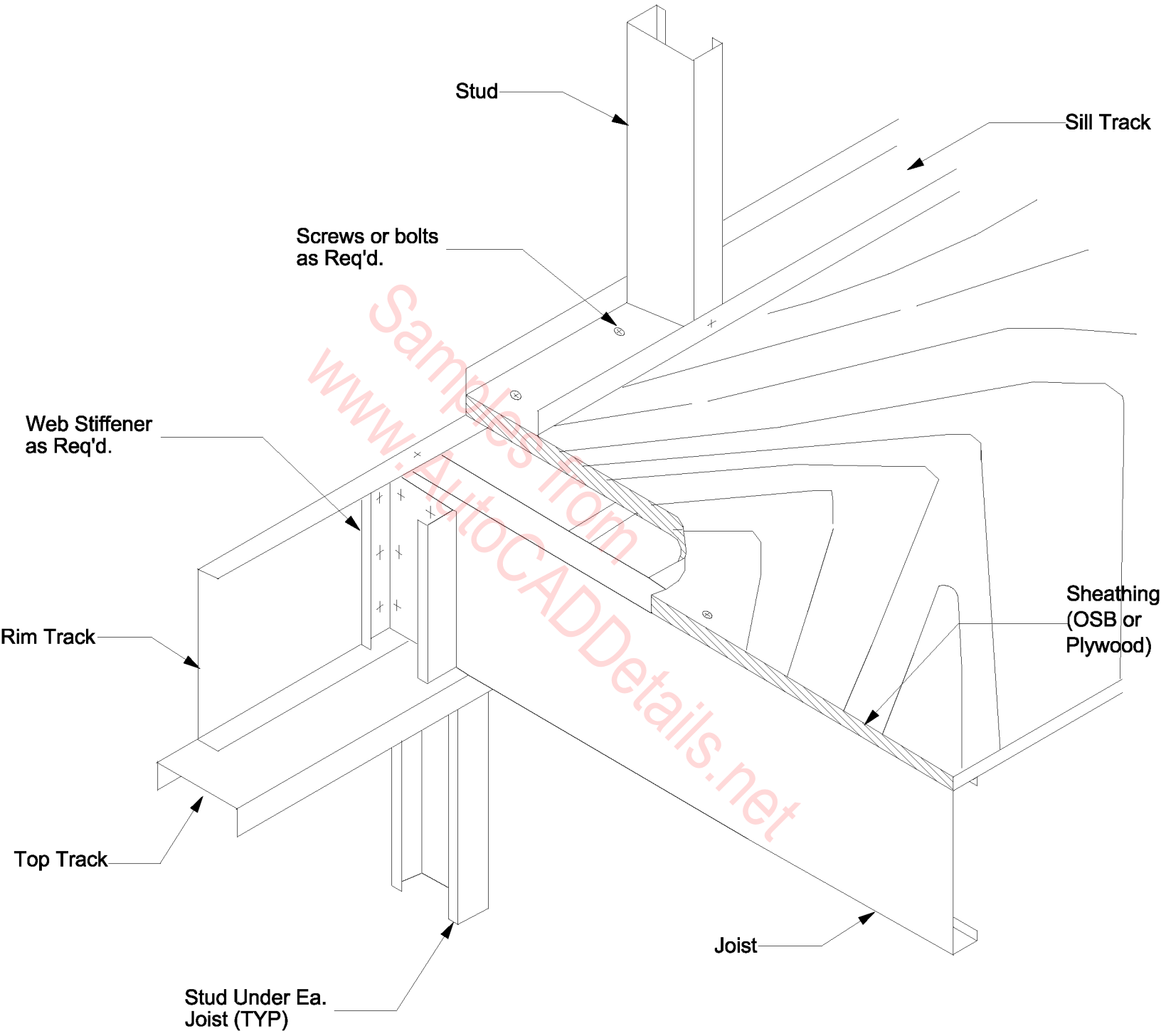
EXTERIOR WALL SECTION WITH PARALLEL FLOOR JOISTS



NOTE:

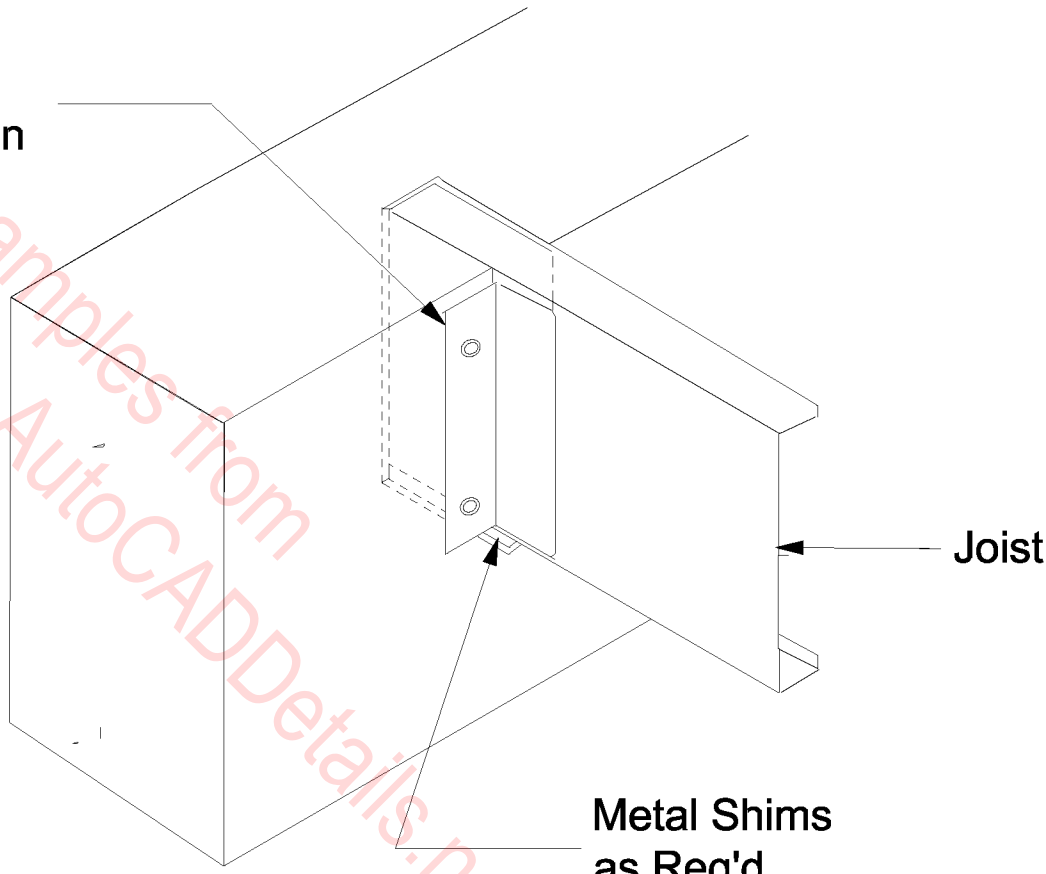
1. Provide cont. briding between each joist at lower wall.
2. Solid blocking in every other space may be used in lieu of bridging.
3. Where axial load bearing members do not align vertically provide detail.

FLOOR CANTILEVER

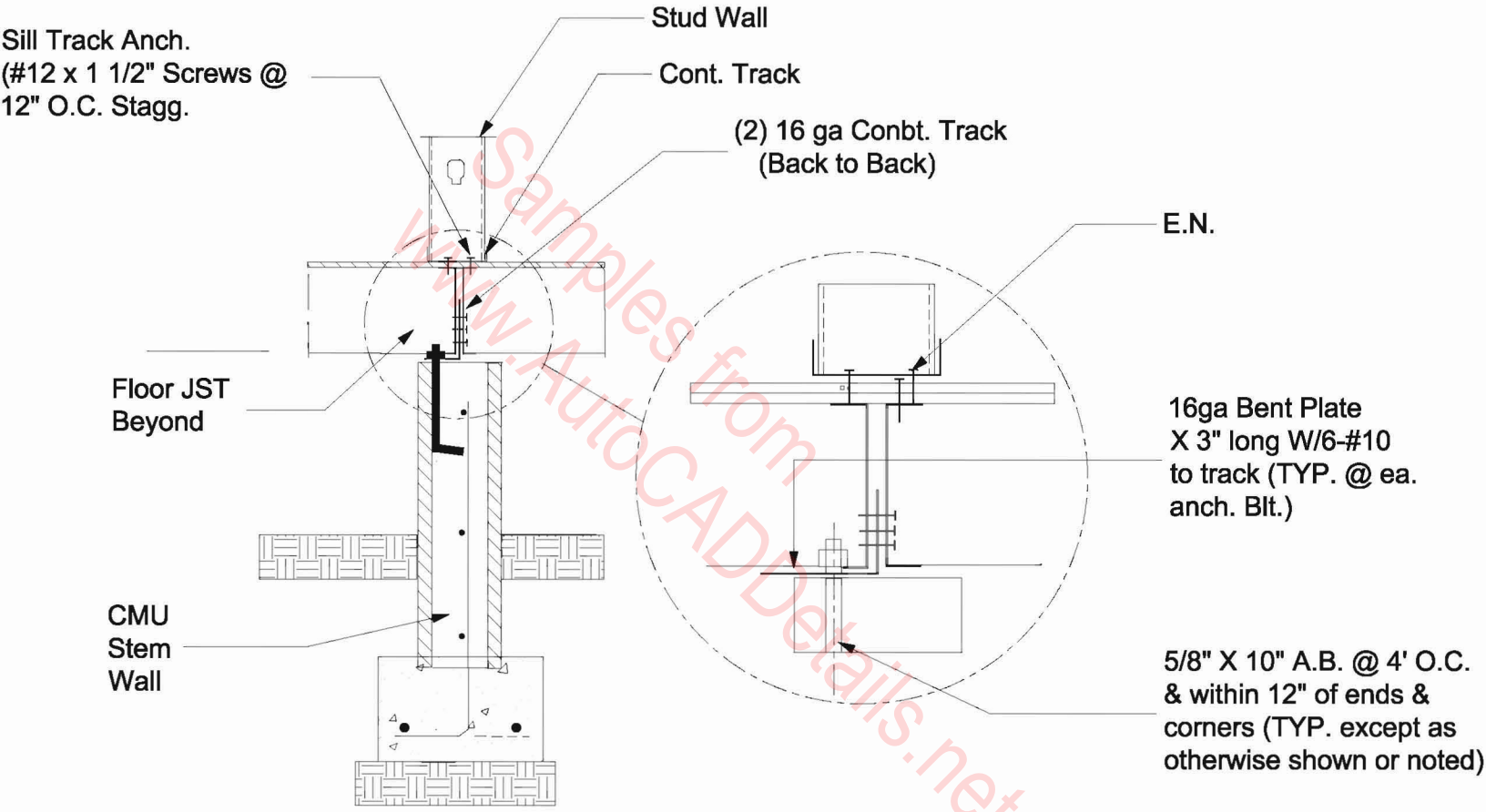


FLOOR FRAMING AT EXTERIOR WALL

Clip Angle,
1/2" less than joist depth:
Attach to concrete w/expansion
or anchor bolts.

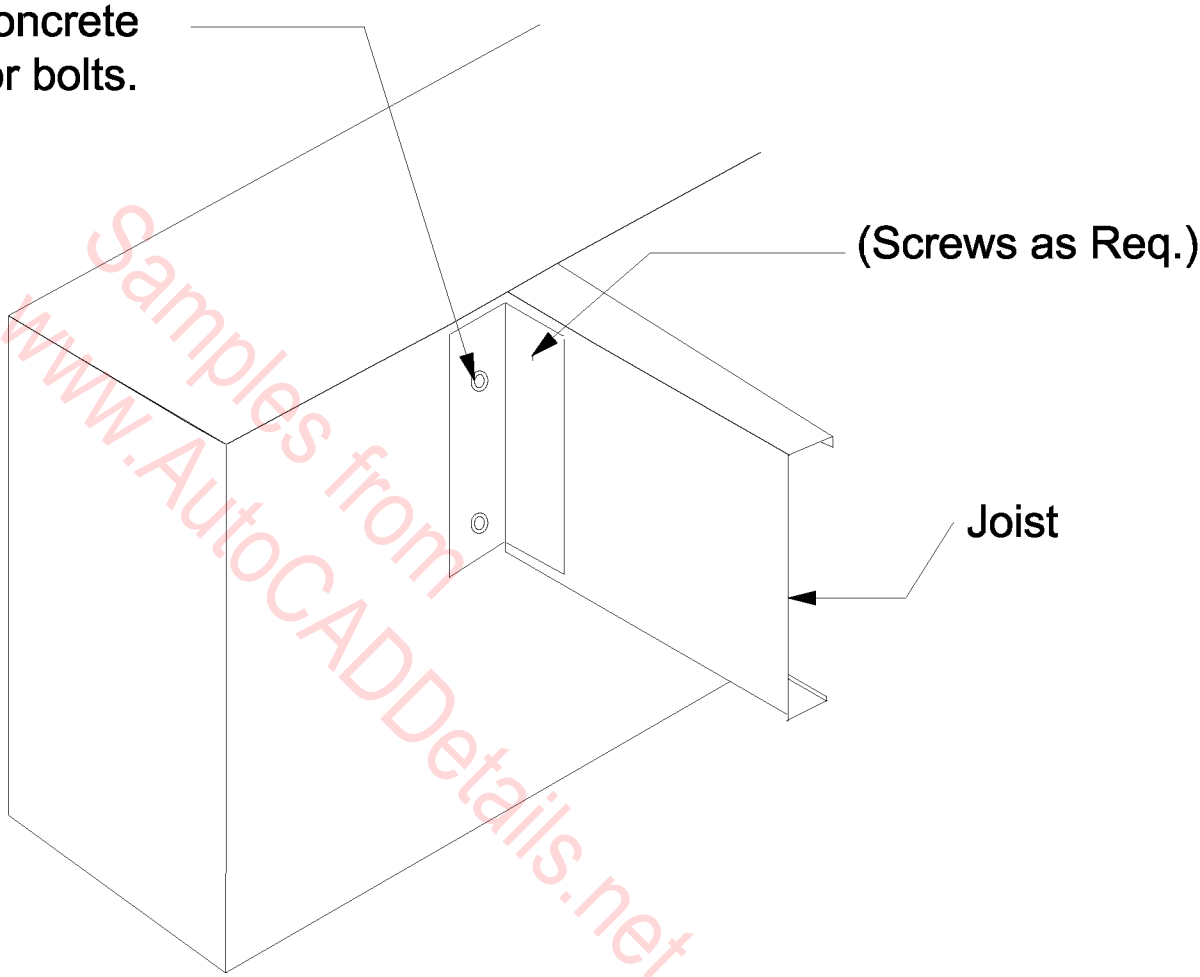


FLOOR JOIST @ FOUNDATION WALL POCKET

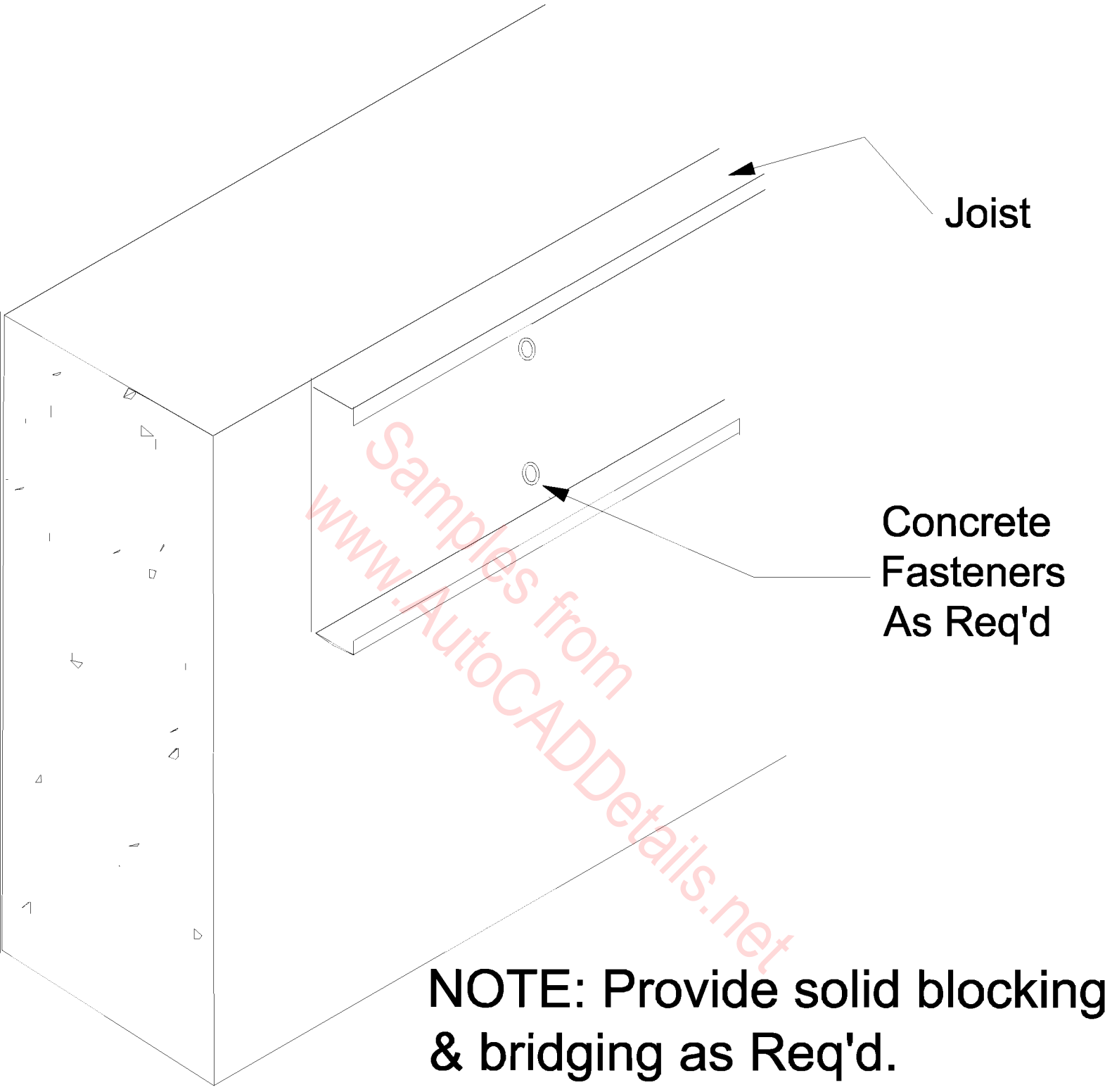


FLOOR JOIST CONNECTION TO INTERIOR STEM WALL

Clip angle, 1/2" less than joist depth: attach clip to concrete w/expansion or anchor bolts.

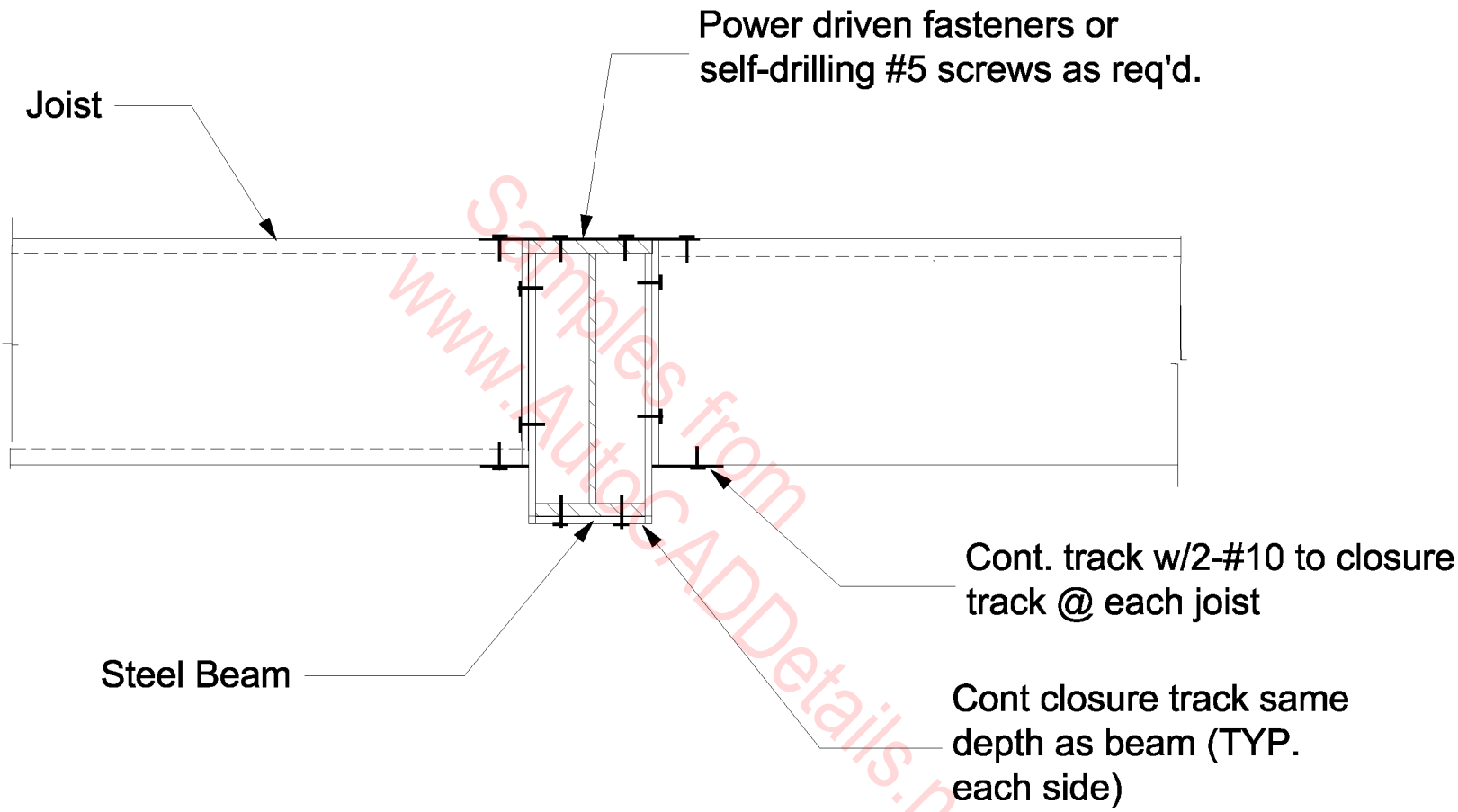


FLOOR JOIST FLUSH WITH TOP OF FOUNDATION

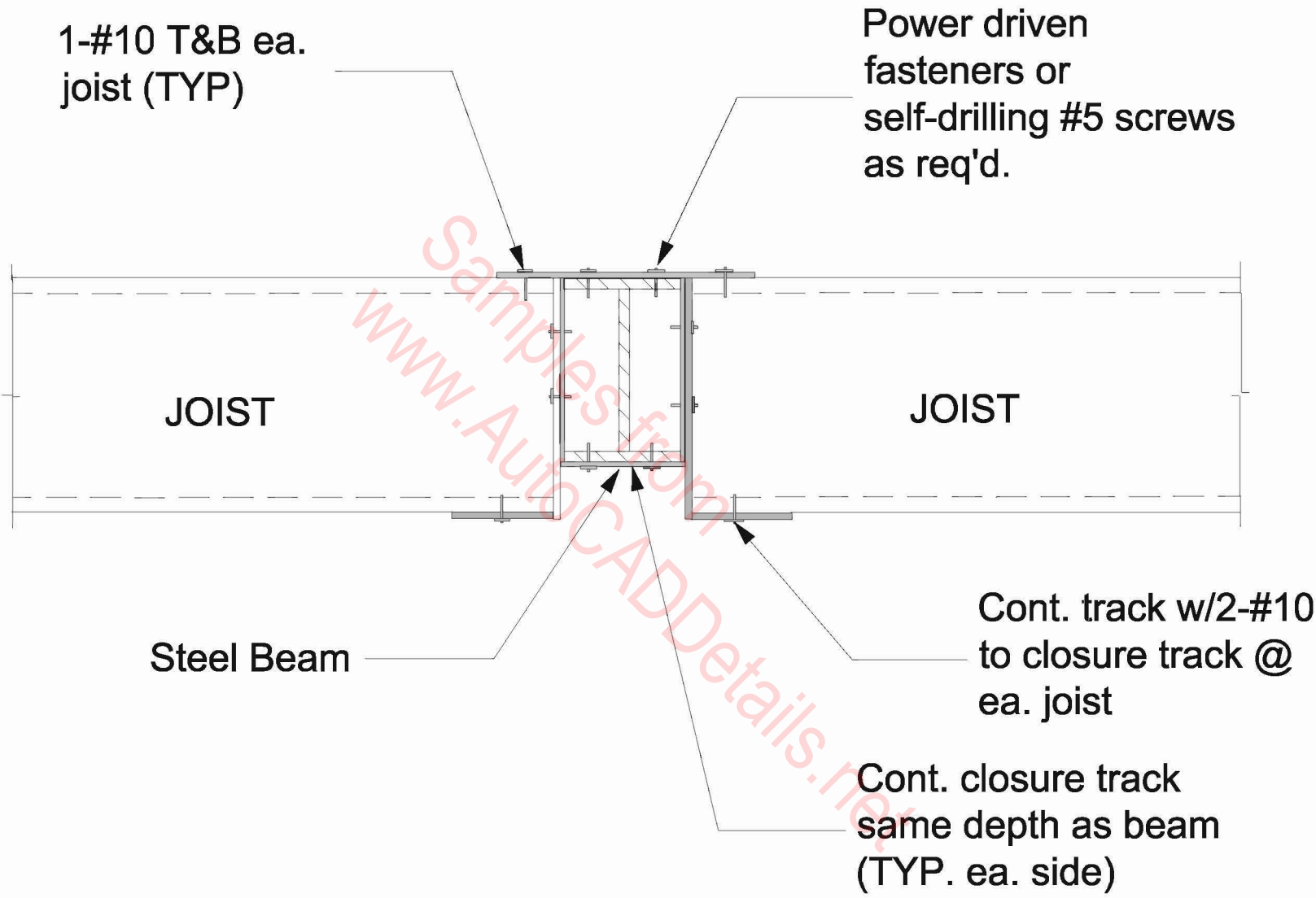


NOTE: Provide solid blocking
& bridging as Req'd.

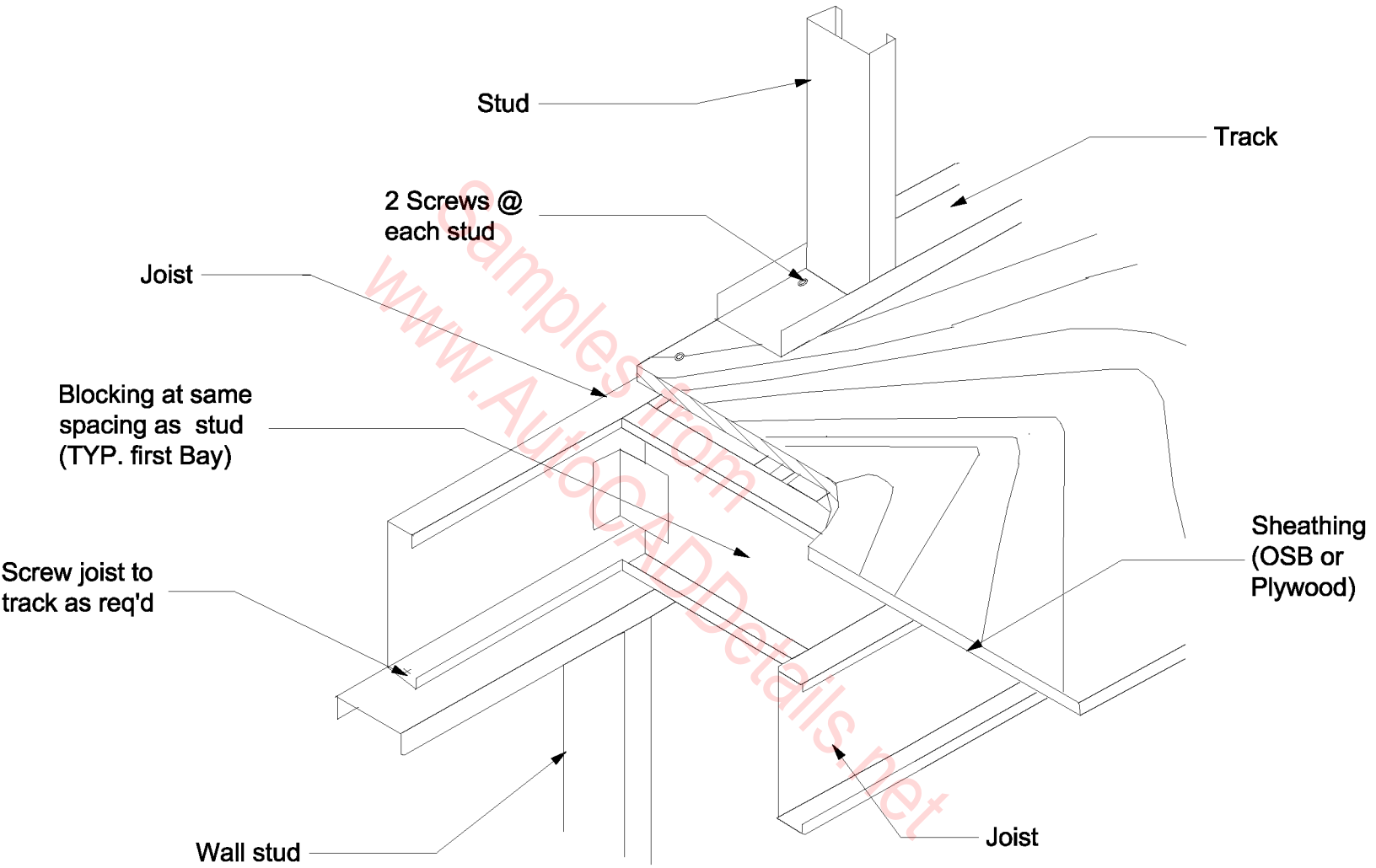
FLOOR JOIST FLUSH WITH TOP OF FOUNDATION



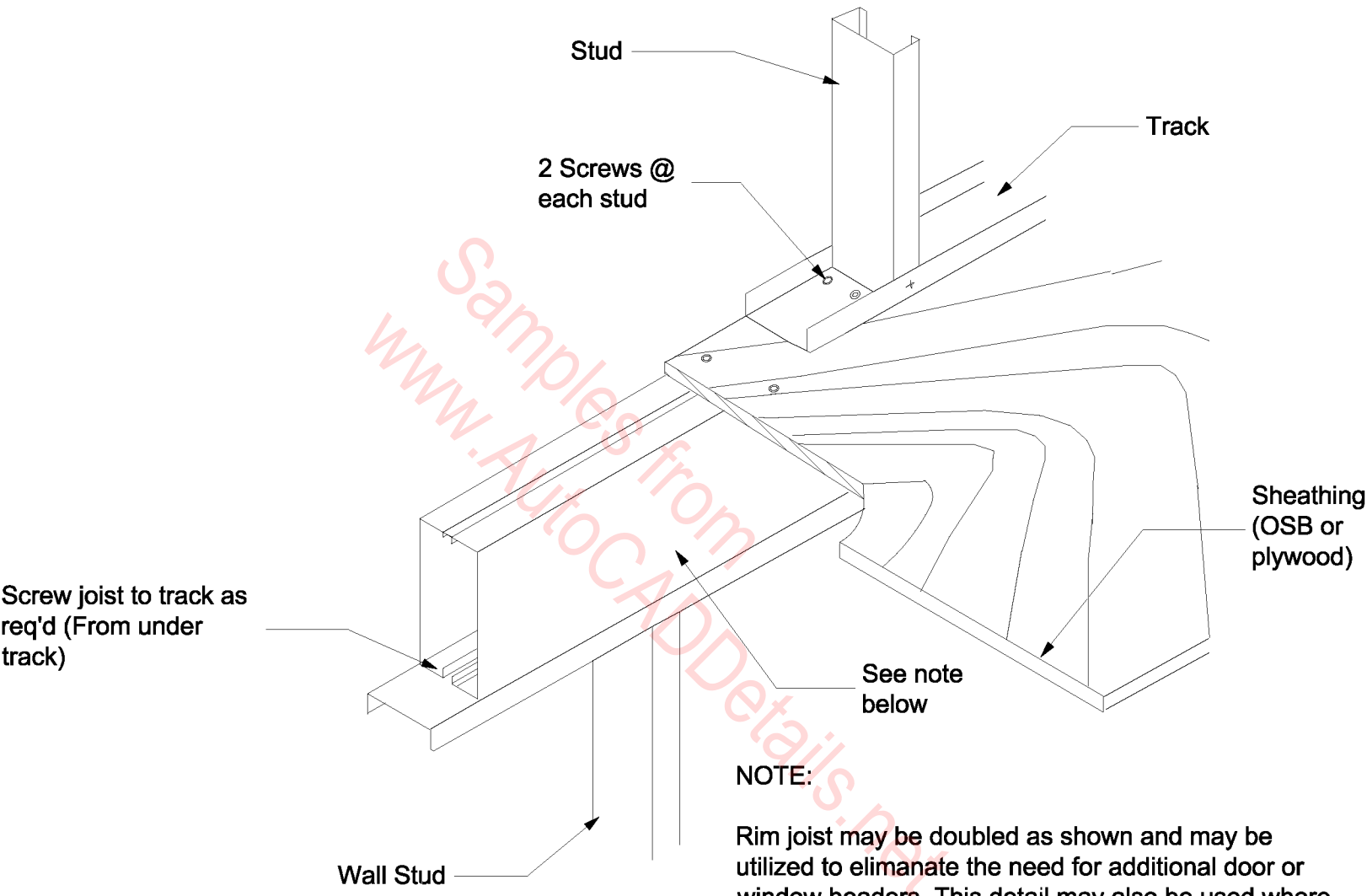
FLOOR JOIST FRAMED FLUSH TO STEEL OR BUILD-UP BEAM



FLOOR JOIST FRAMED FLUSH TO STEEL OR BUILD-UP BEAM



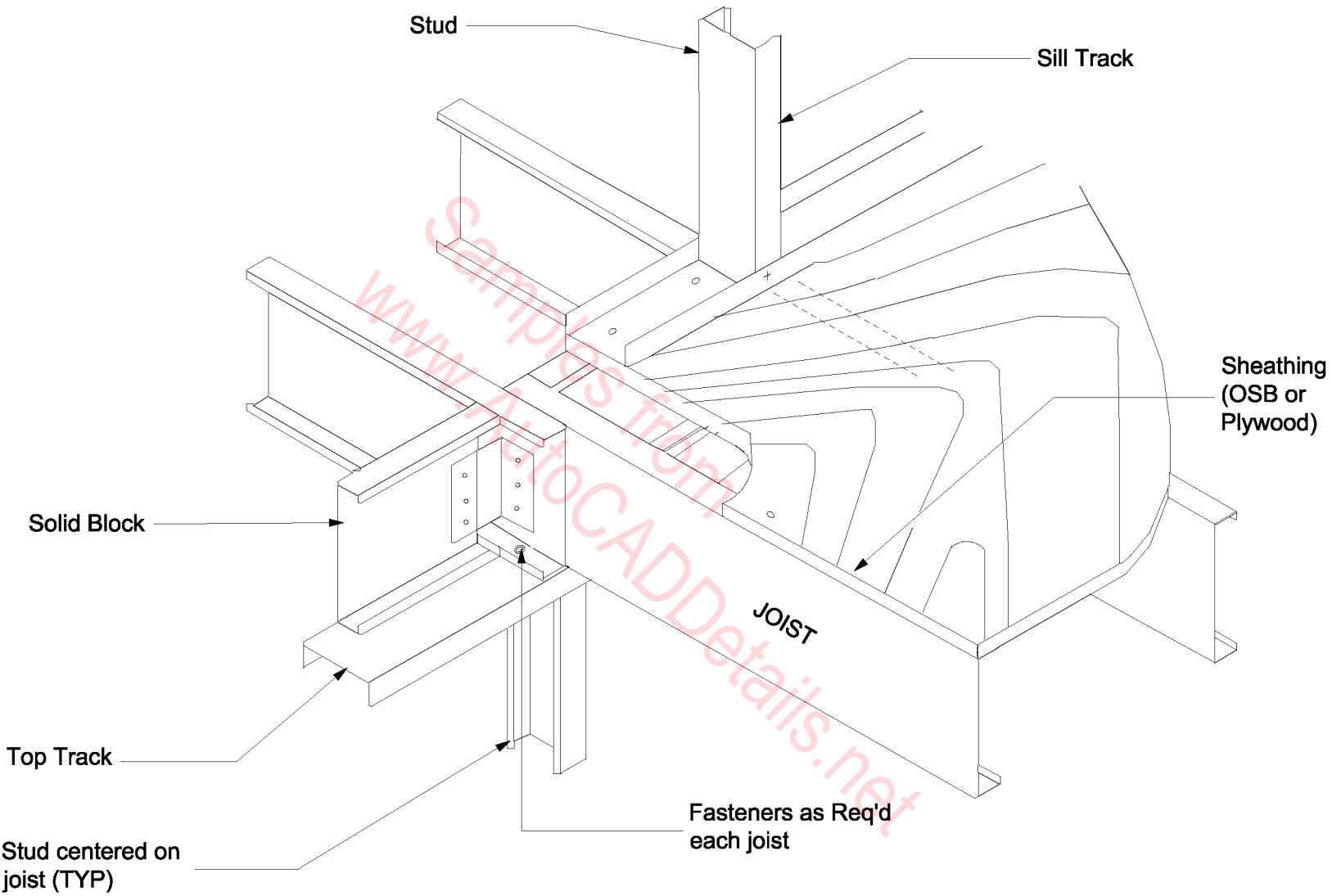
FOOR JOIST PARALLEL TO EXTERIOR WALL
BEARING ON FOUNDATION



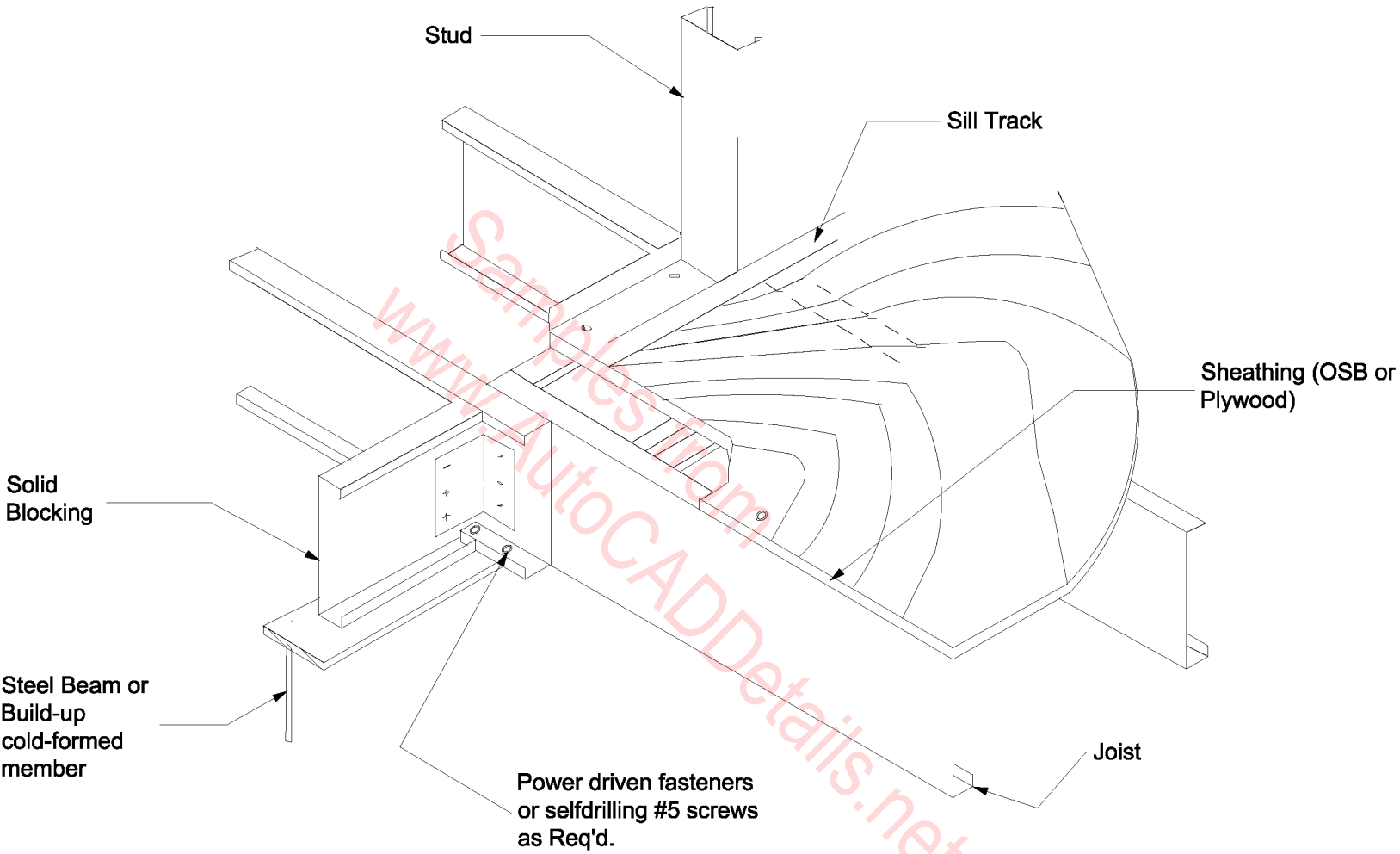
NOTE:

Rim joist may be doubled as shown and may be utilized to elimanate the need for additional door or window headers. This detail may also be used where fire rated wall construction is req'd.

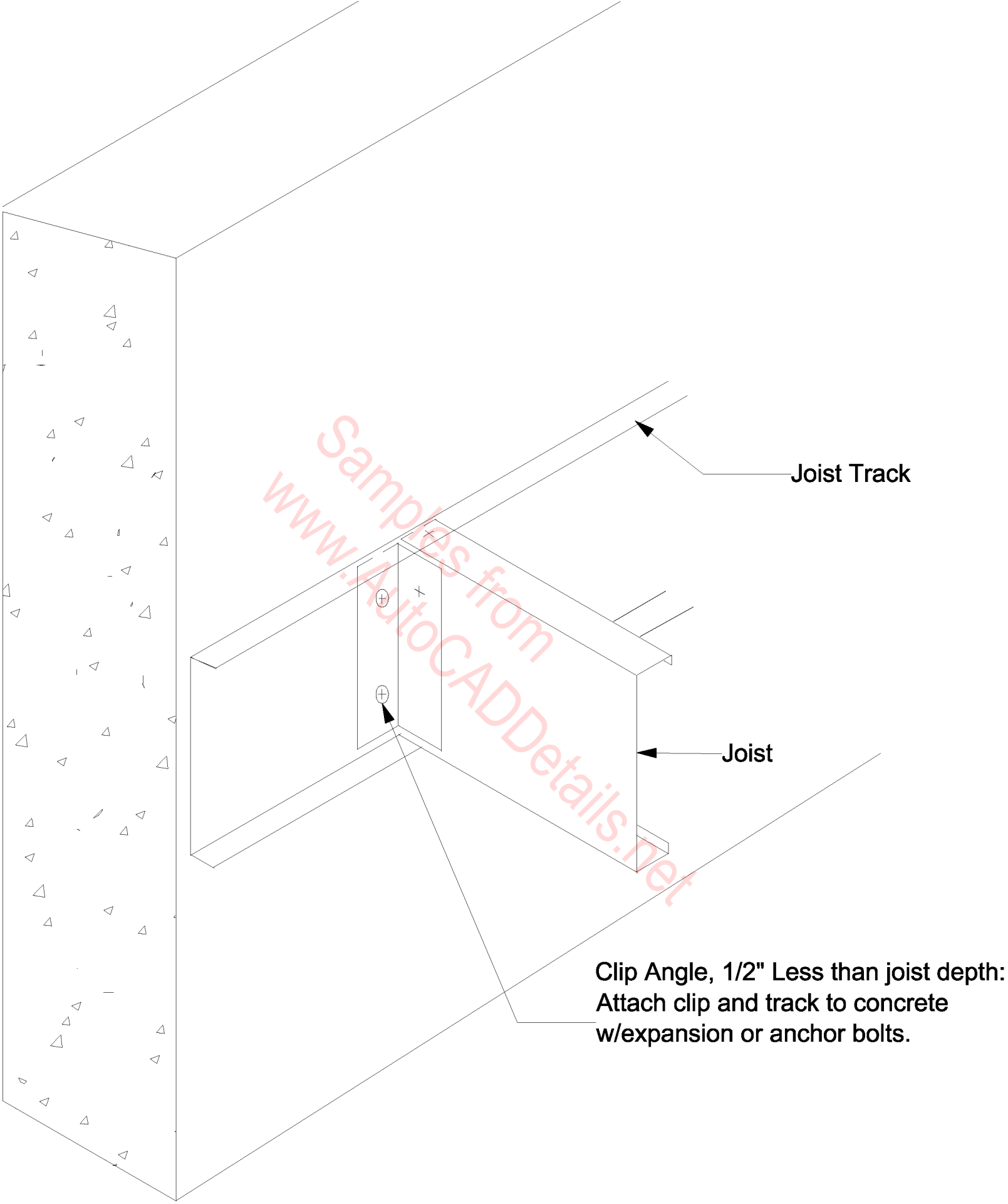
FLOOR JOIST PARALLEL TO EXTERIOR WALL BEARING ON FOUNDATION (ALTERNATE)



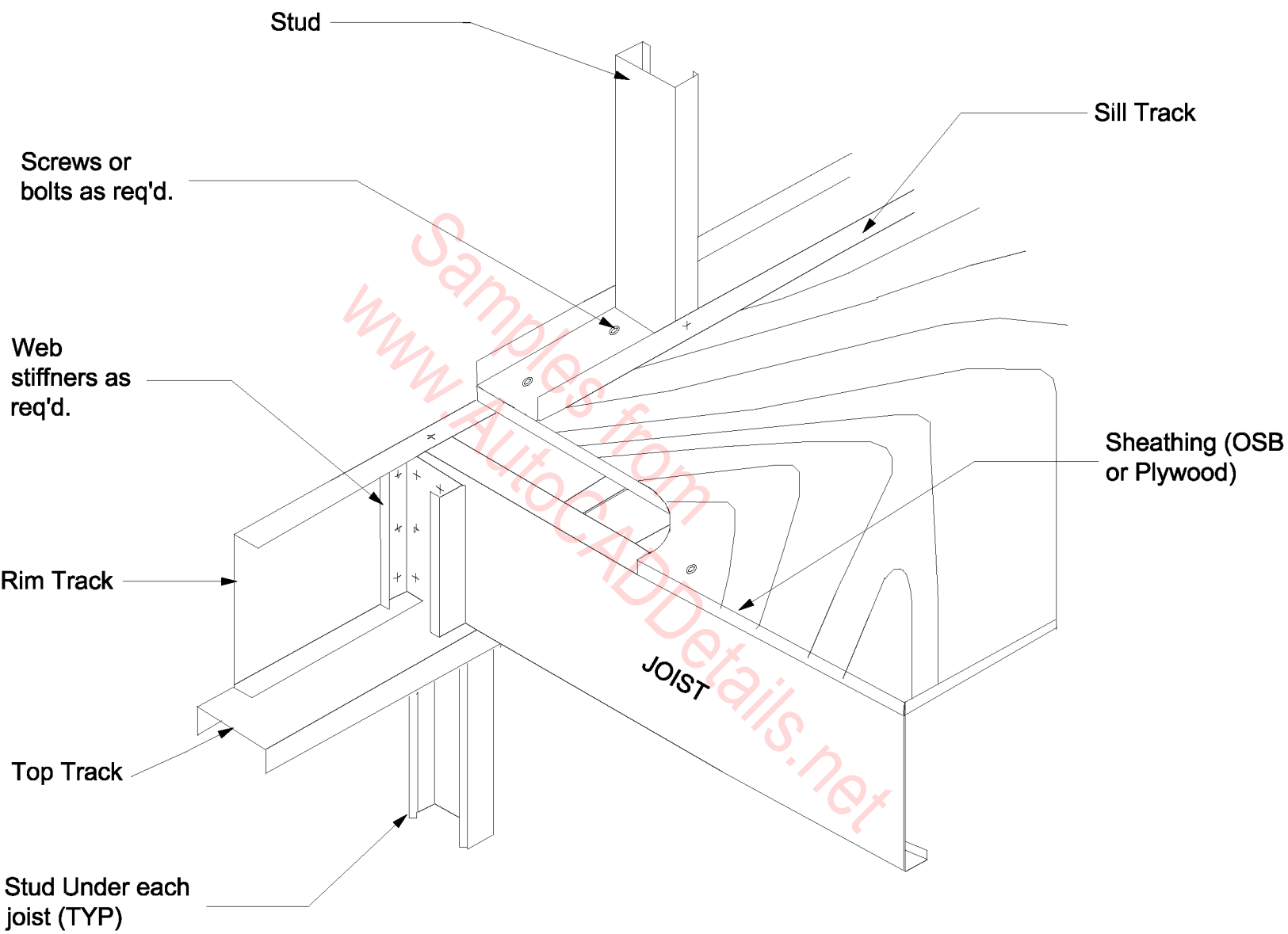
FLOOR JOIST SPLICE OVER INTERIOR LOAD BEARING STUD WALK



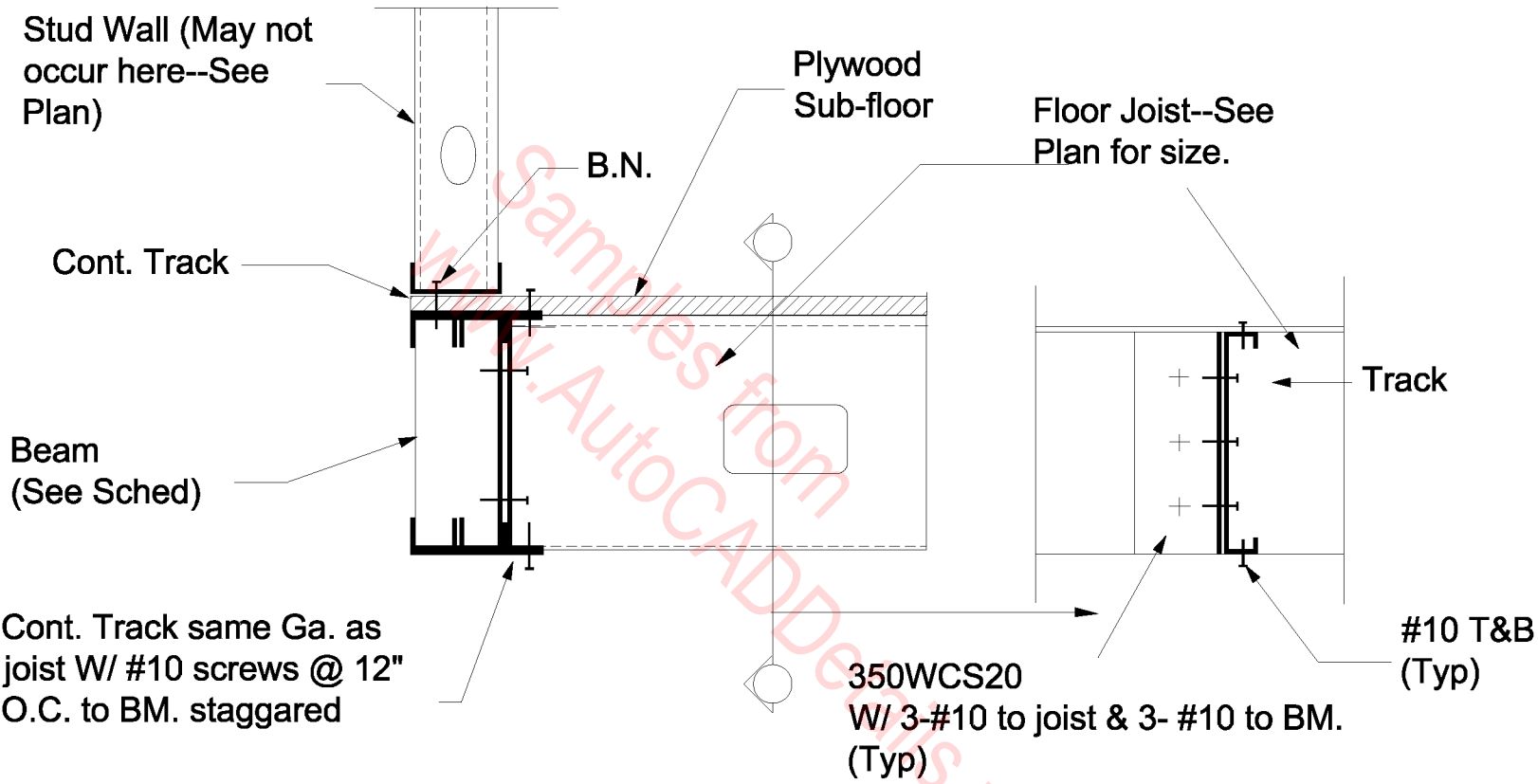
FLOOR JOIST SPLICE OVER STEEL OR BUILD-UP BEAM



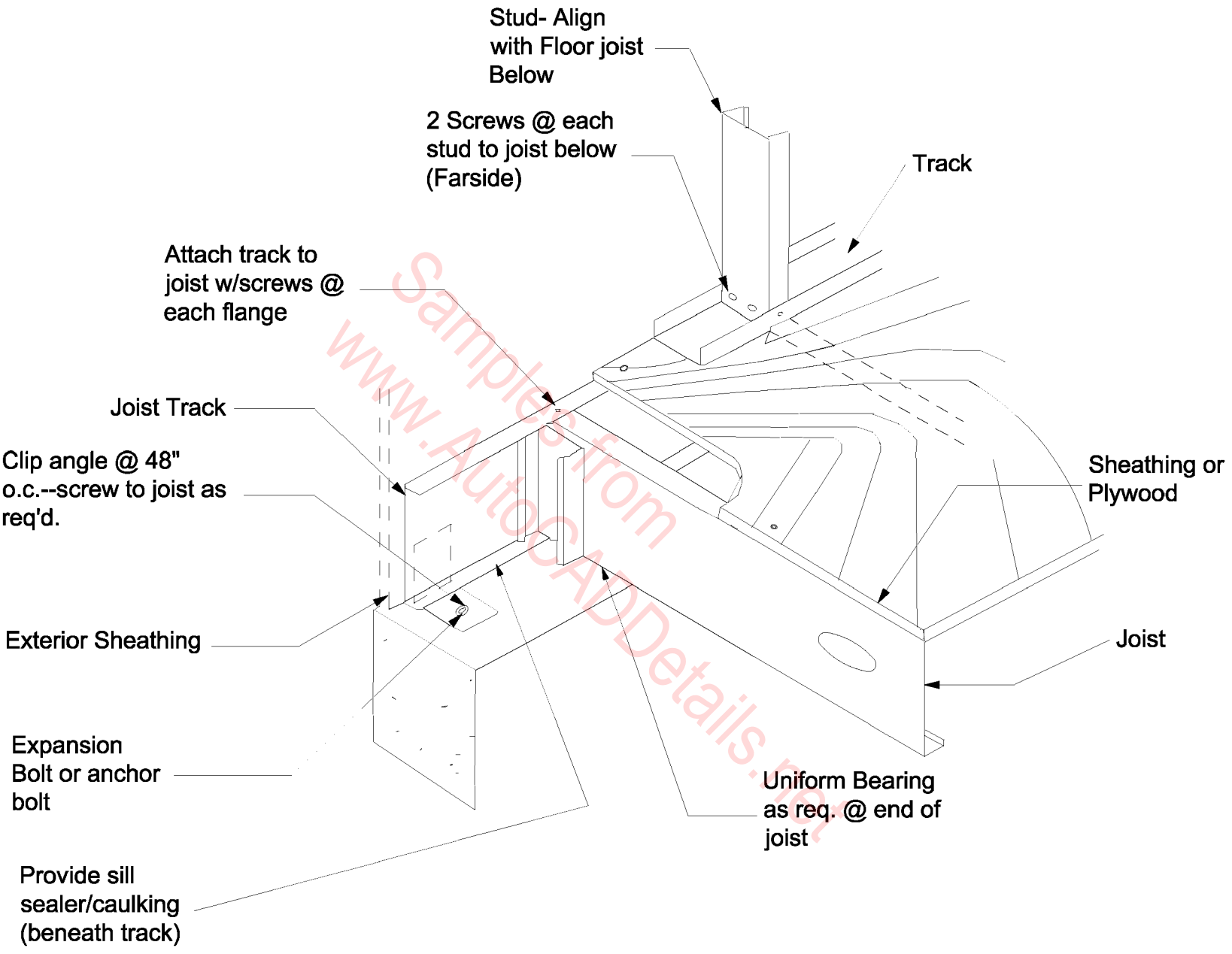
FLOOR JOIST SUPPORT AT CONTINUOUS WALL



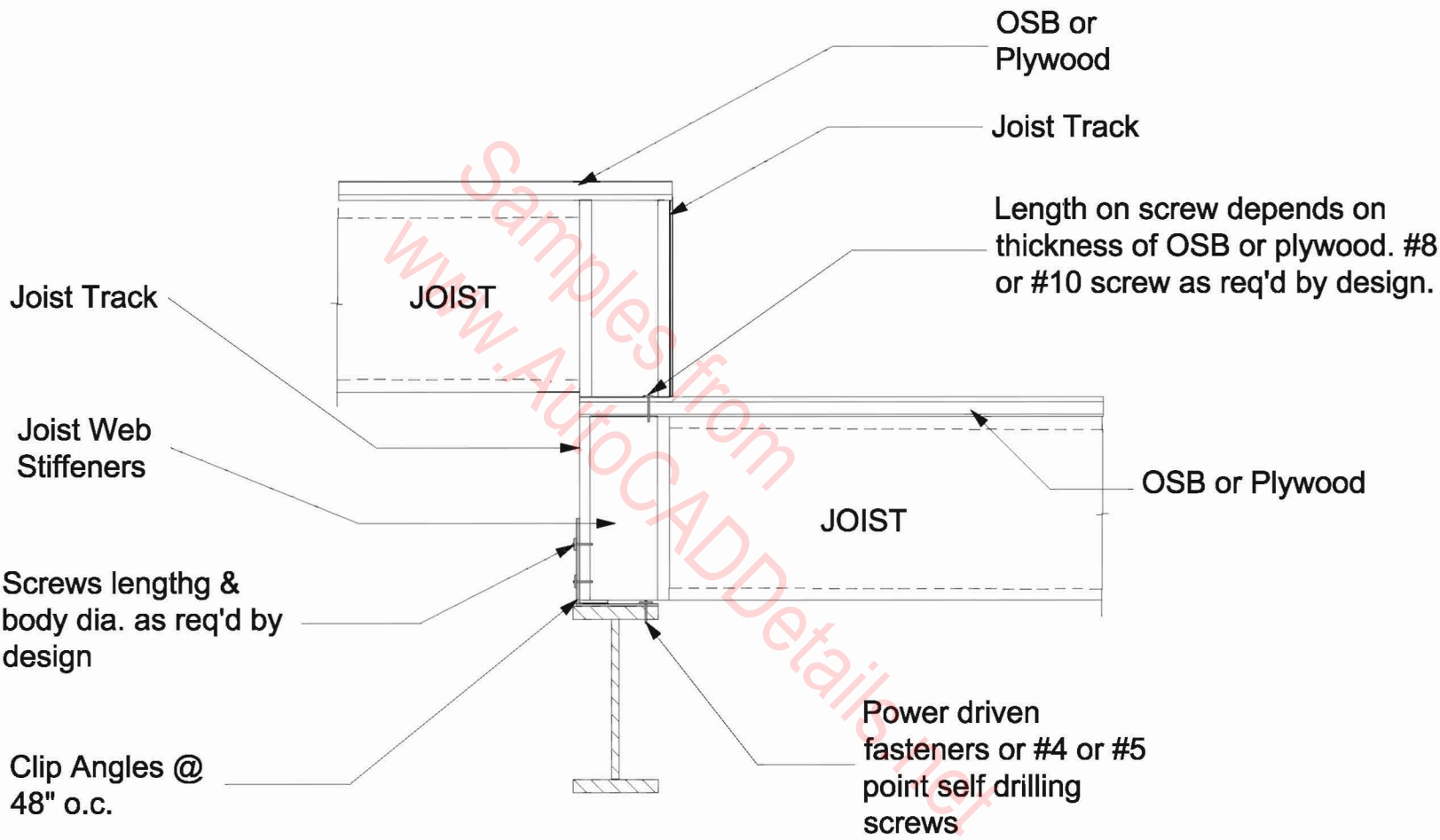
FLOOR JOIST TO EXTERNAL
WALL-LOAD BEARING



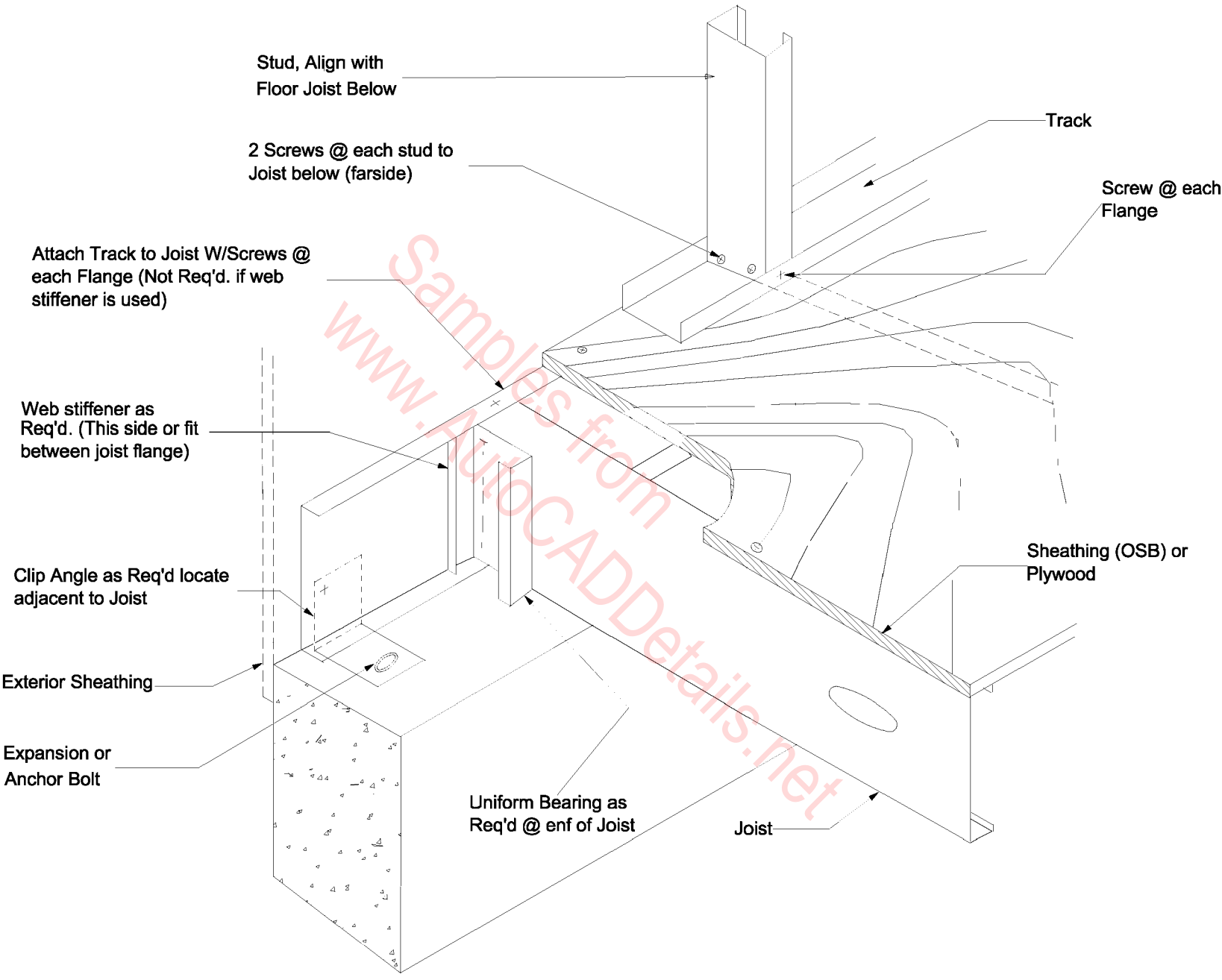
FLOOR JOIST TO FLUSH FRAMED BEAM CONNECTION



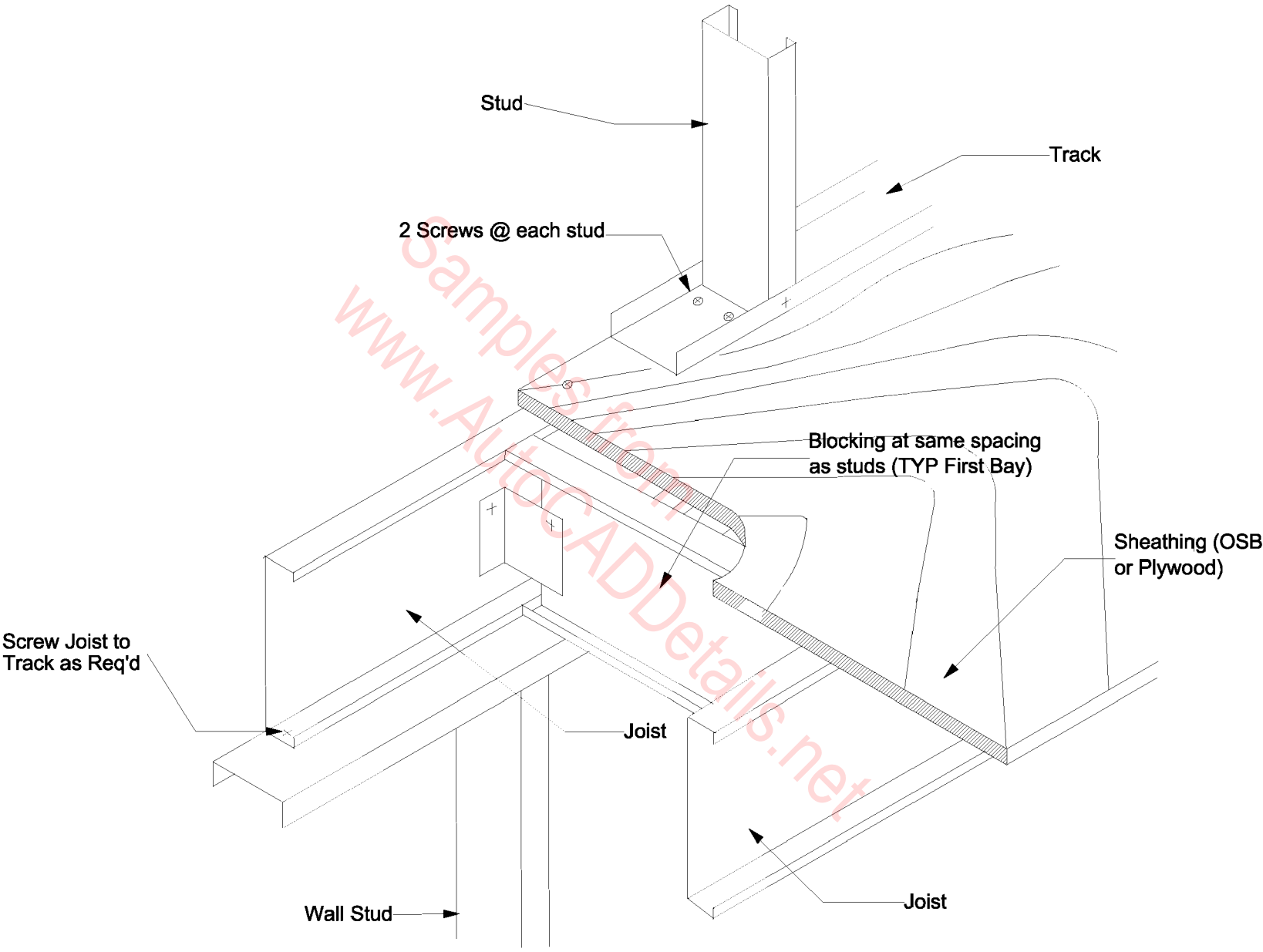
FLOOR JOIST TO TRACK BEARING ON FOUNDATION



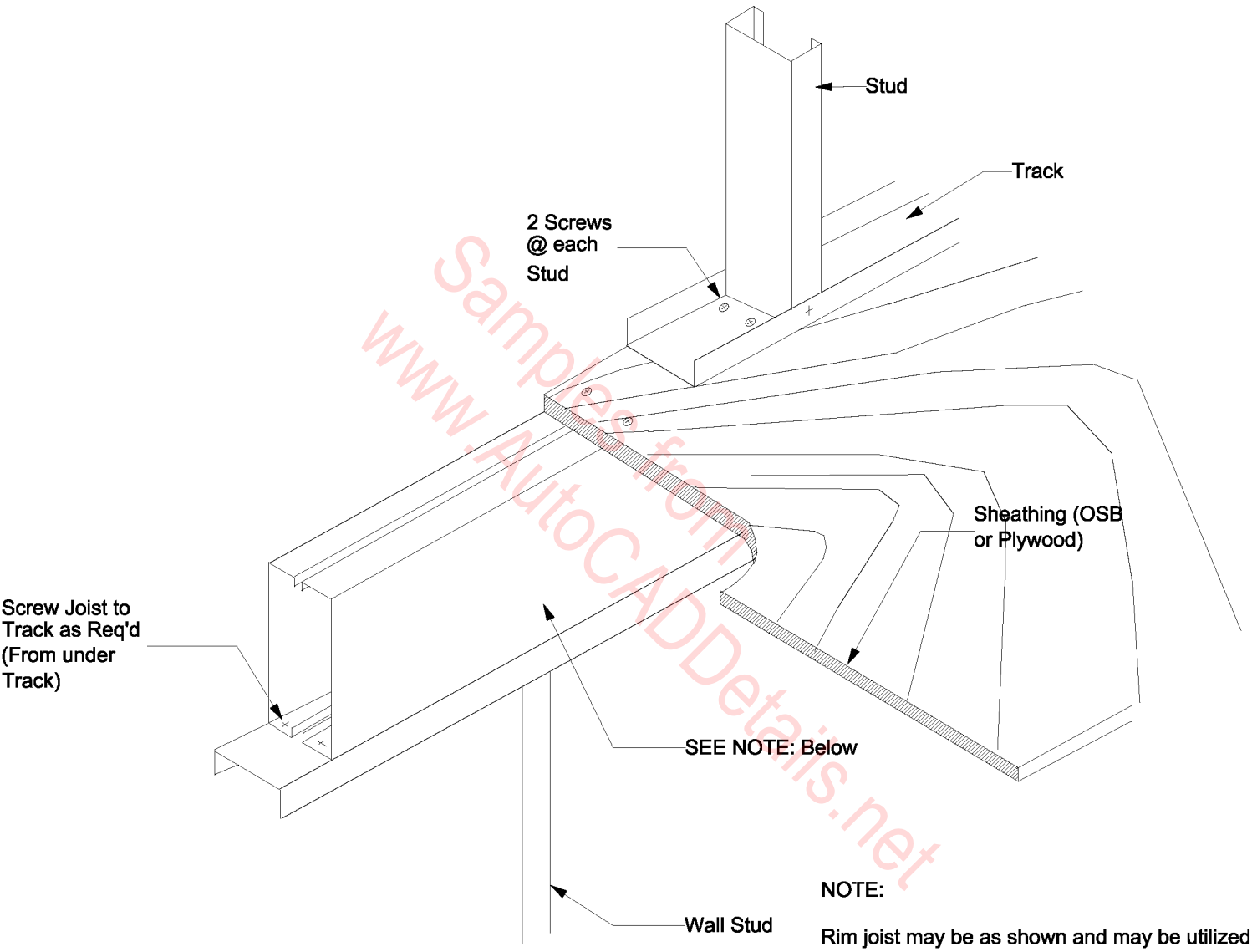
FLOOR JOIST AT SUNKEN FLOOR



FLOOR JOISTS BEARING ON FOUNDATION



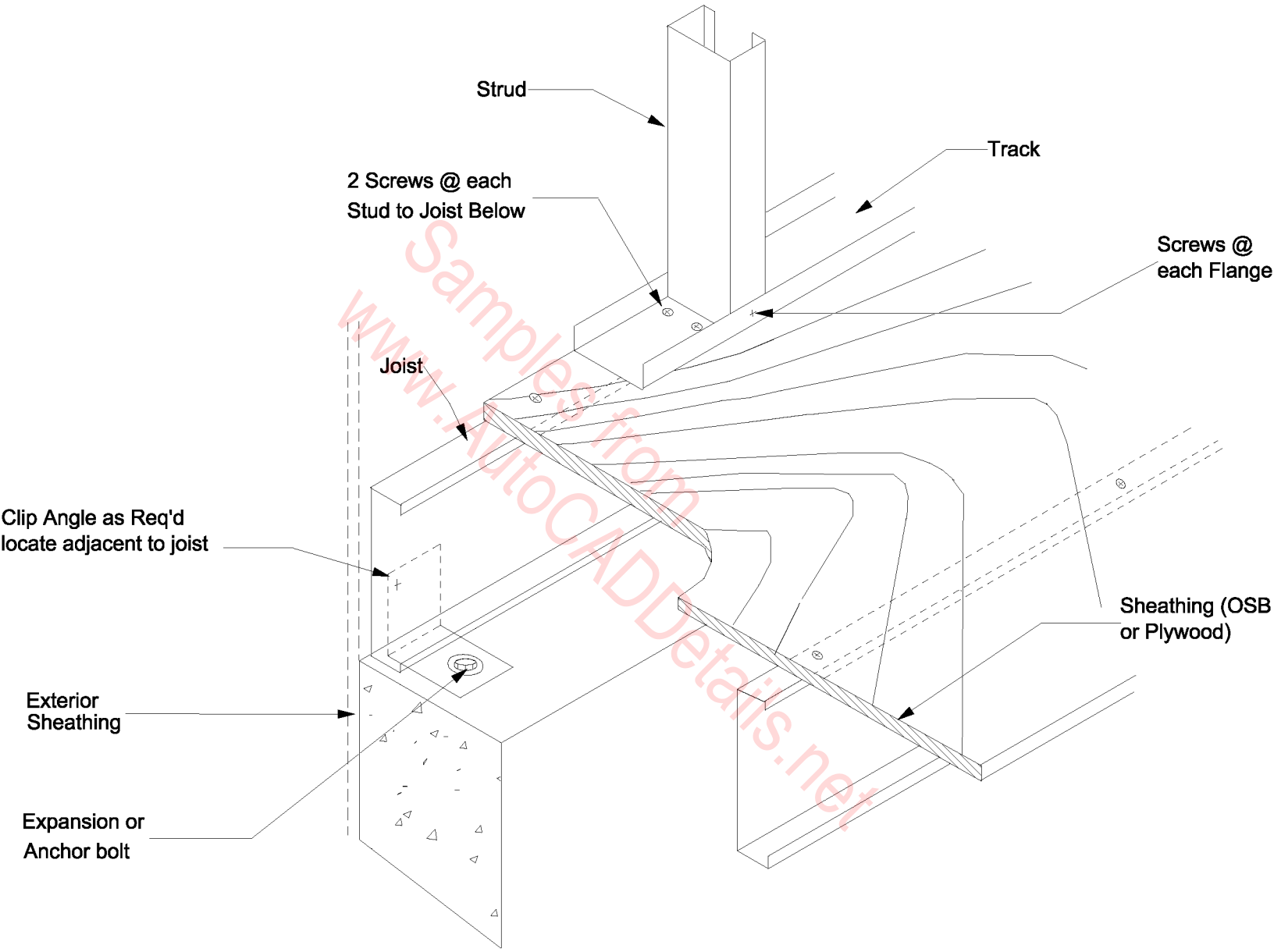
FLOOR JOIST PARALLEL TO EXTERIOR WALL



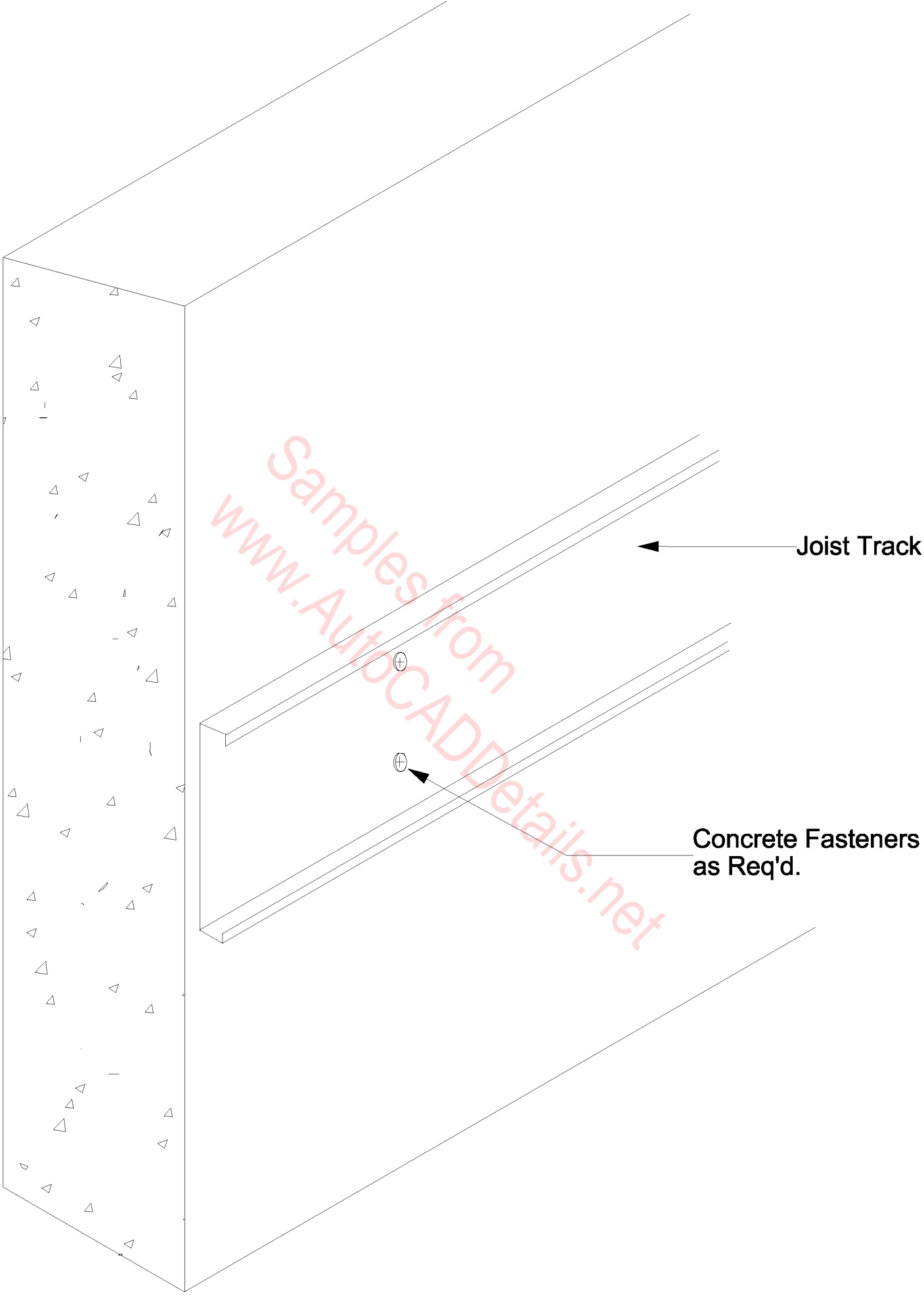
NOTE:

Rim joist may be as shown and may be utilized to eliminate the need for additional door or window headers. This detail may also be used where fire rated wall construction is required.

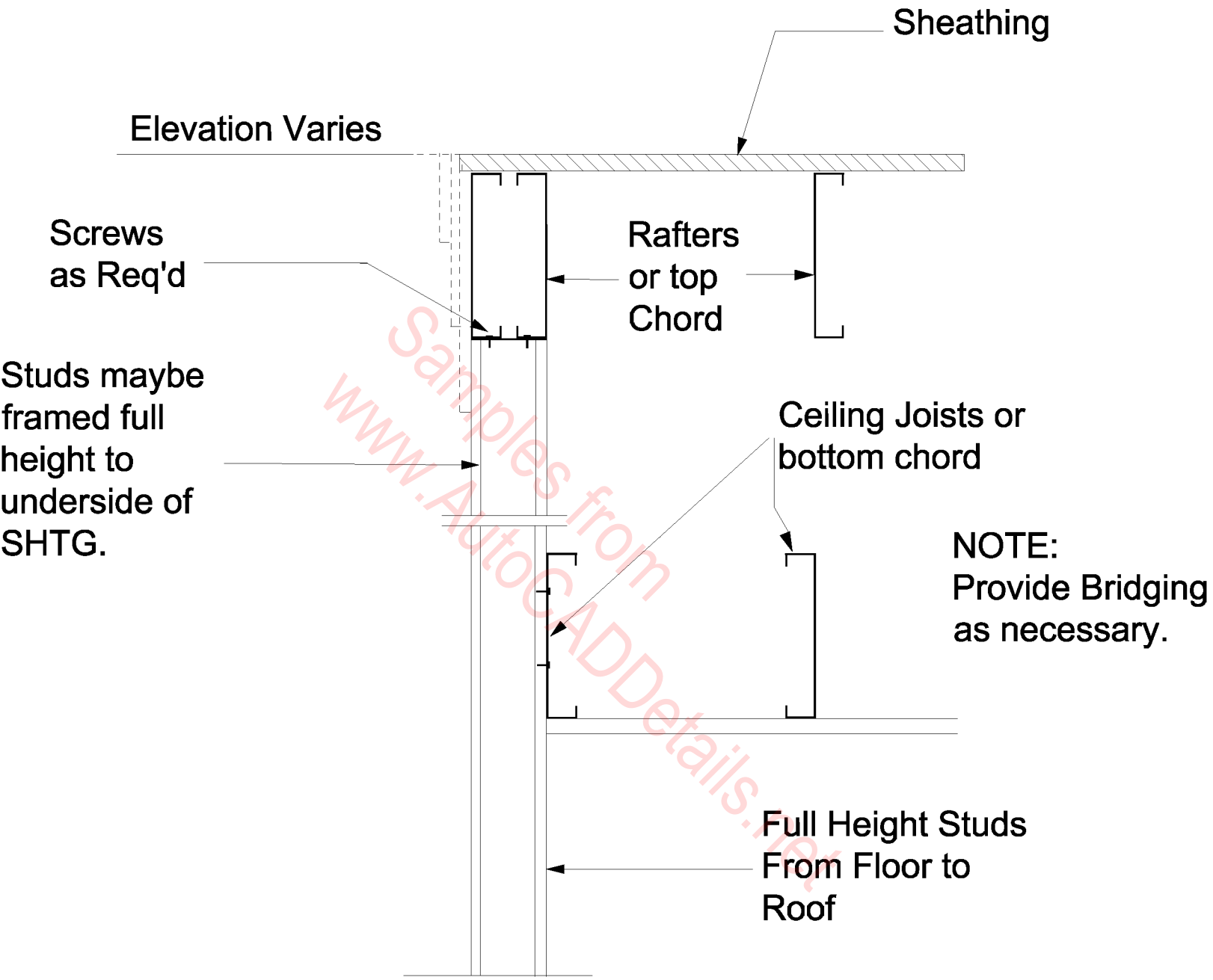
FLOOR JOISTS PARALLEL TO EXTERIOR WALL (ALTERNATE)



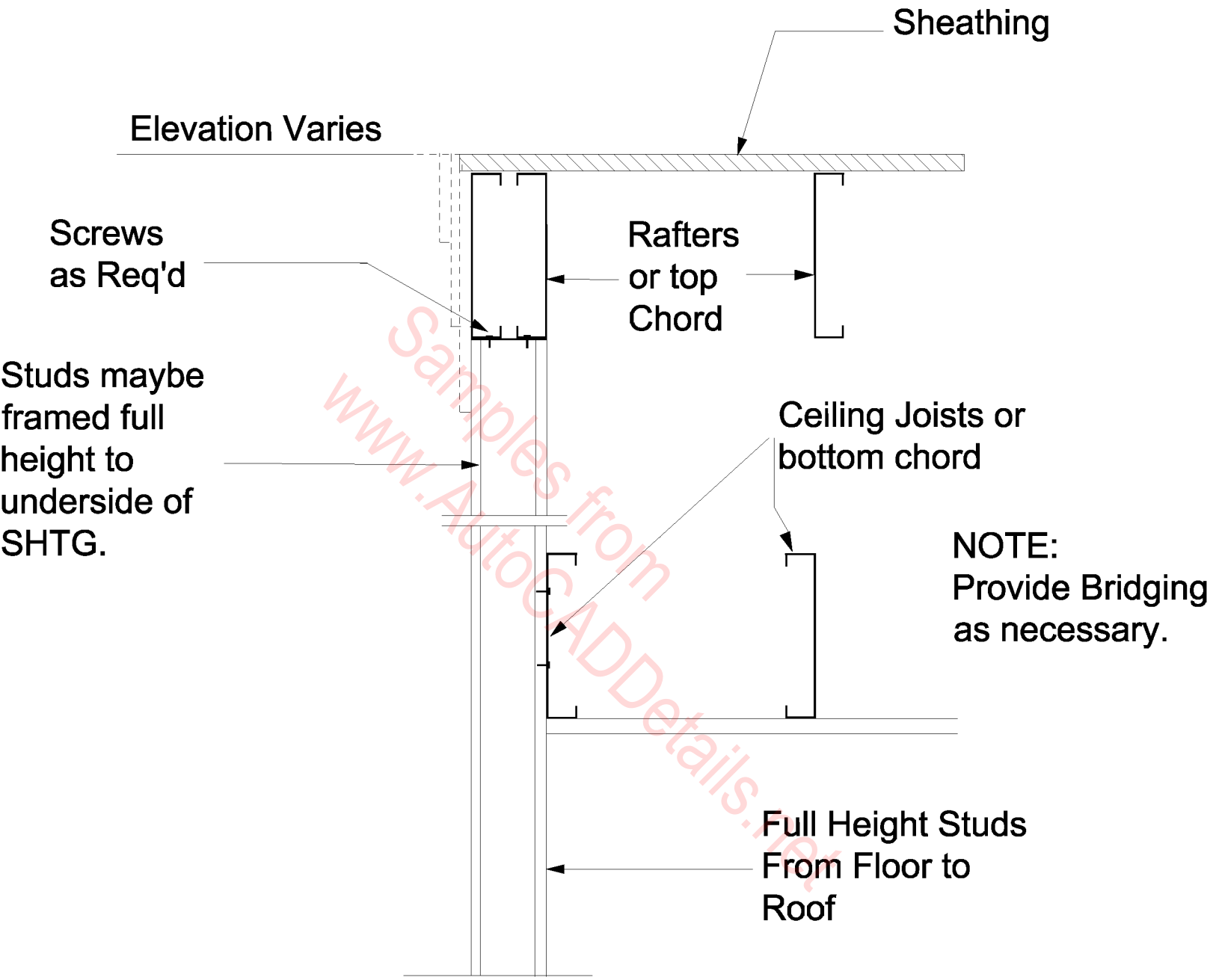
FLOOR JOISTS PARALLEL TO FOUNDATION



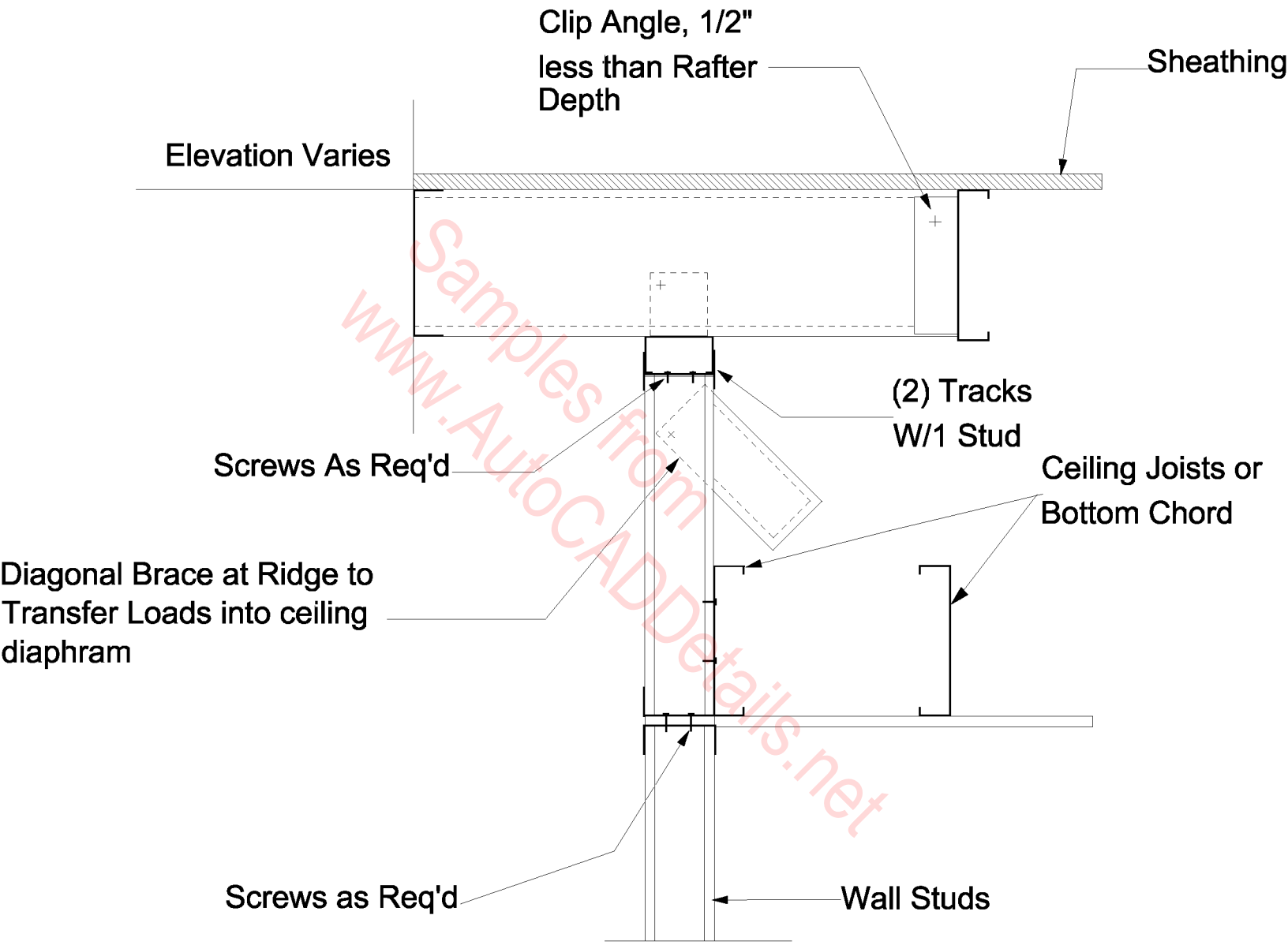
FLOOR JOIST SUPPORT AT CONTINUOUS WALL



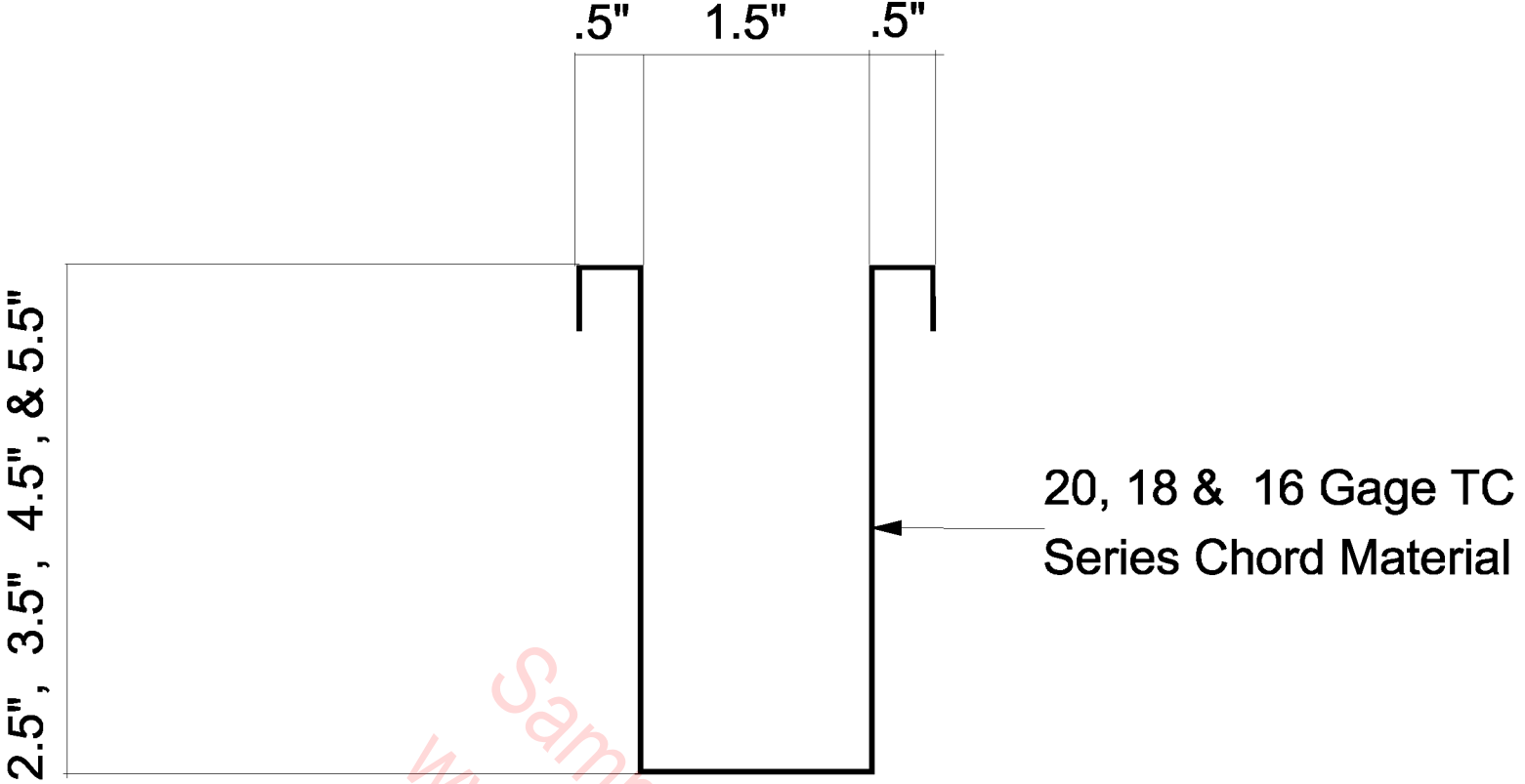
GABLE ROOF
END DETAIL



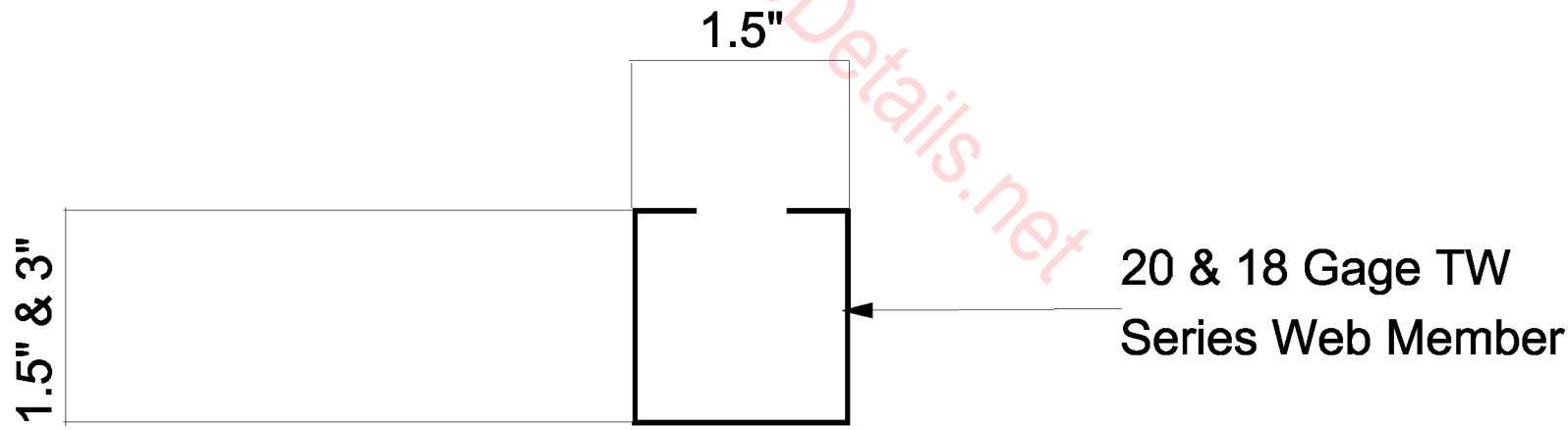
GABLE ROOF
END DETAIL



GABLE ROOF END DETAIL

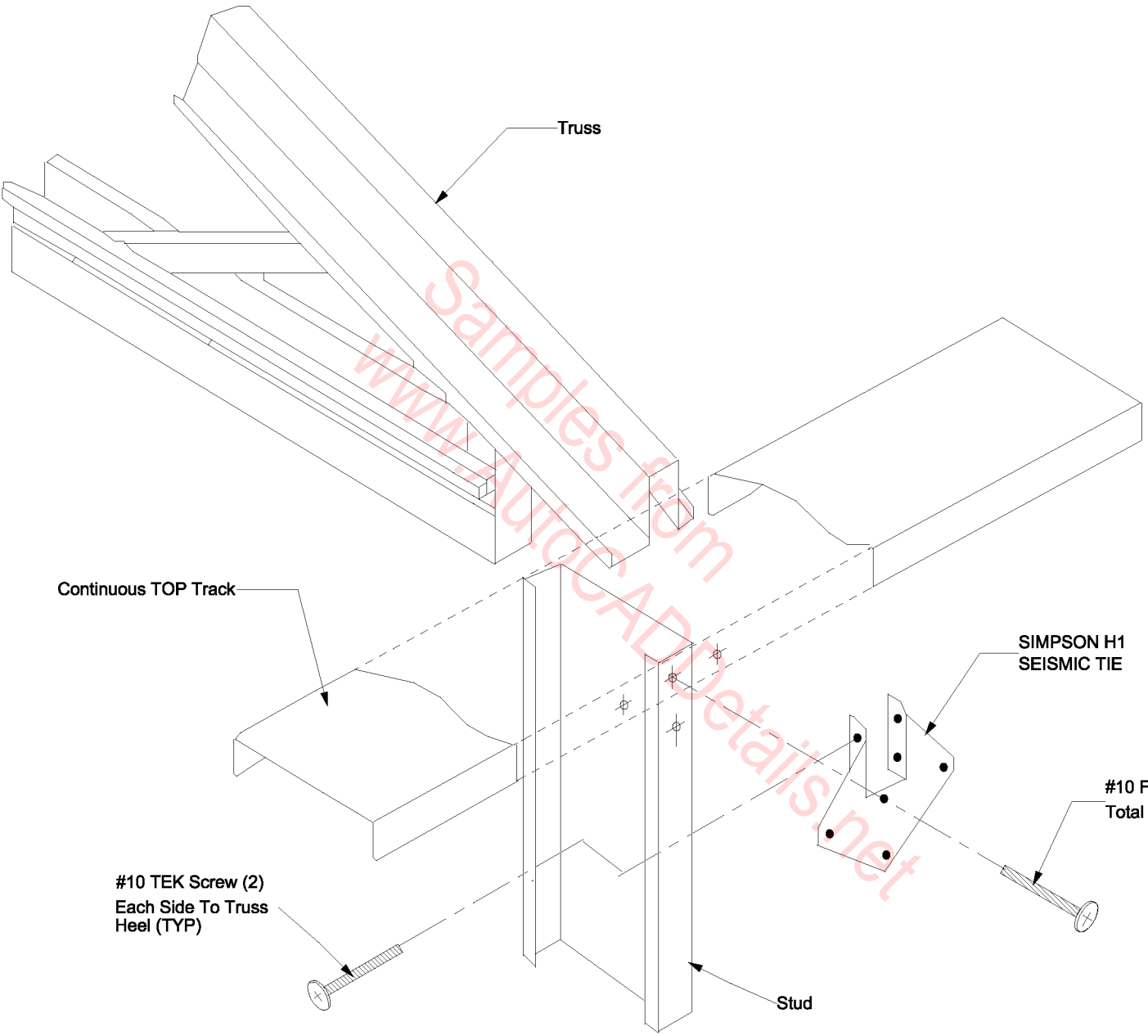


TOP & BOTTOM CHORD

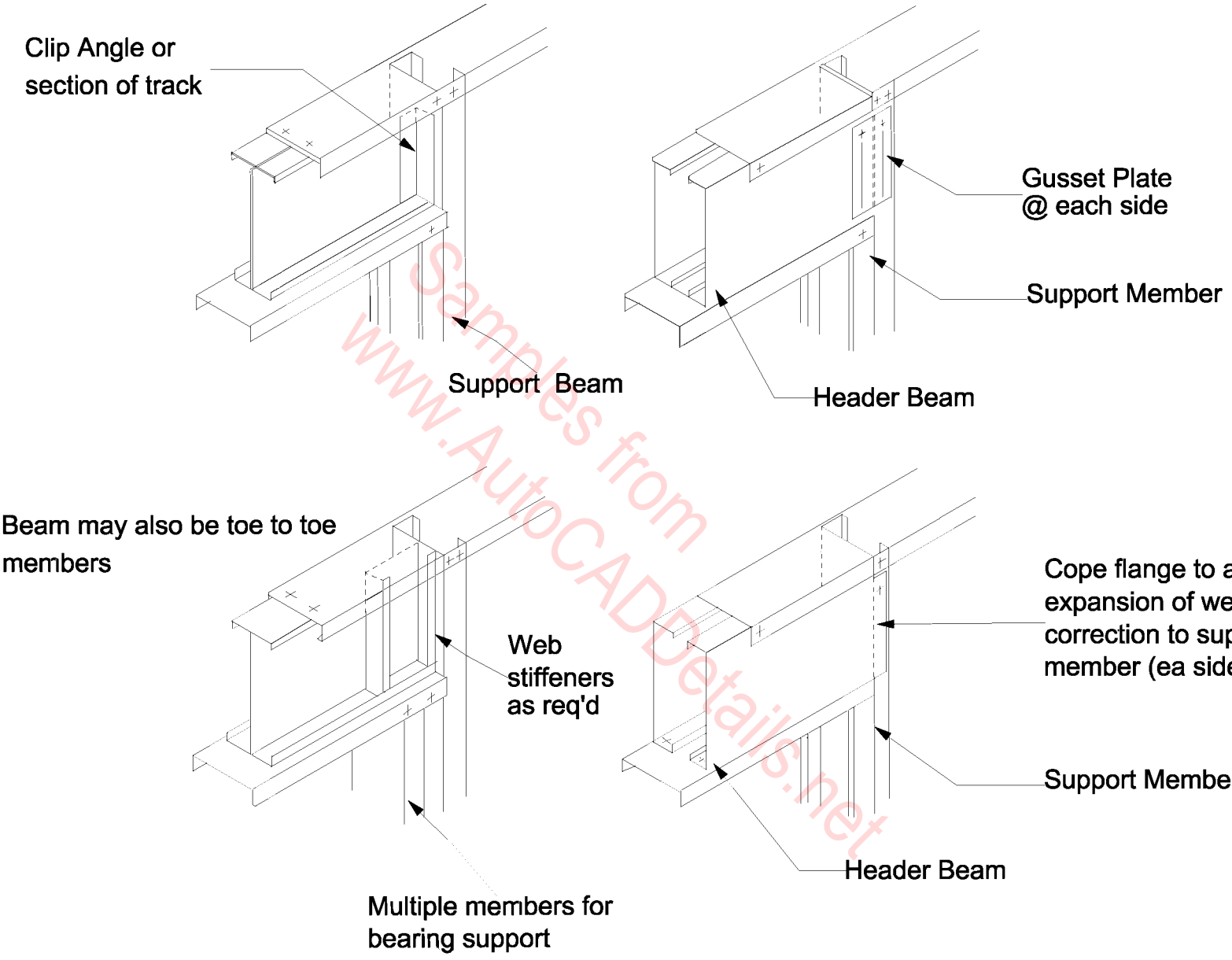


TRUSS WEB

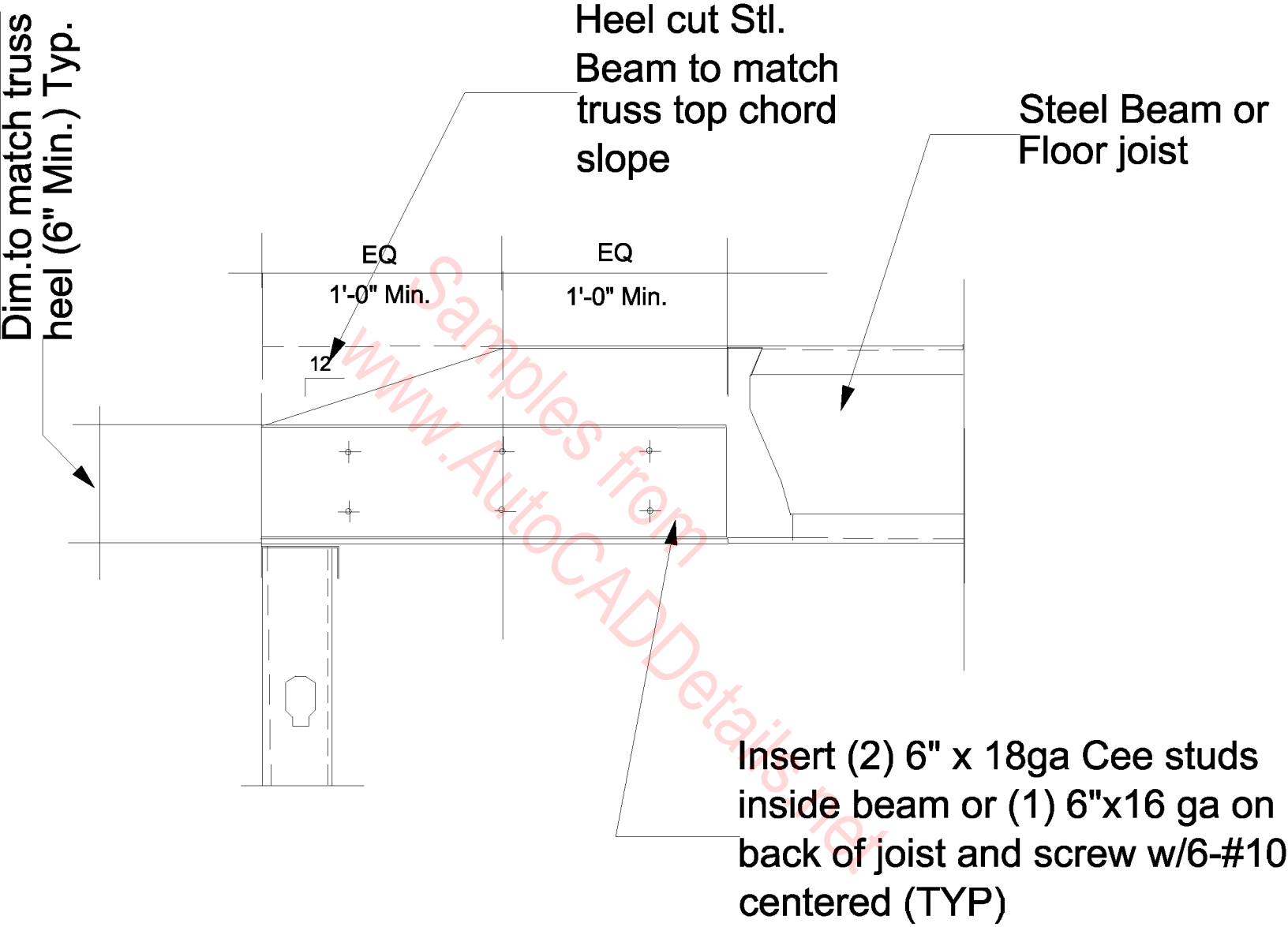
GUS TRUSS MEMBER SECTION



GUSS TRUSS TO TOP TRACK DETAIL



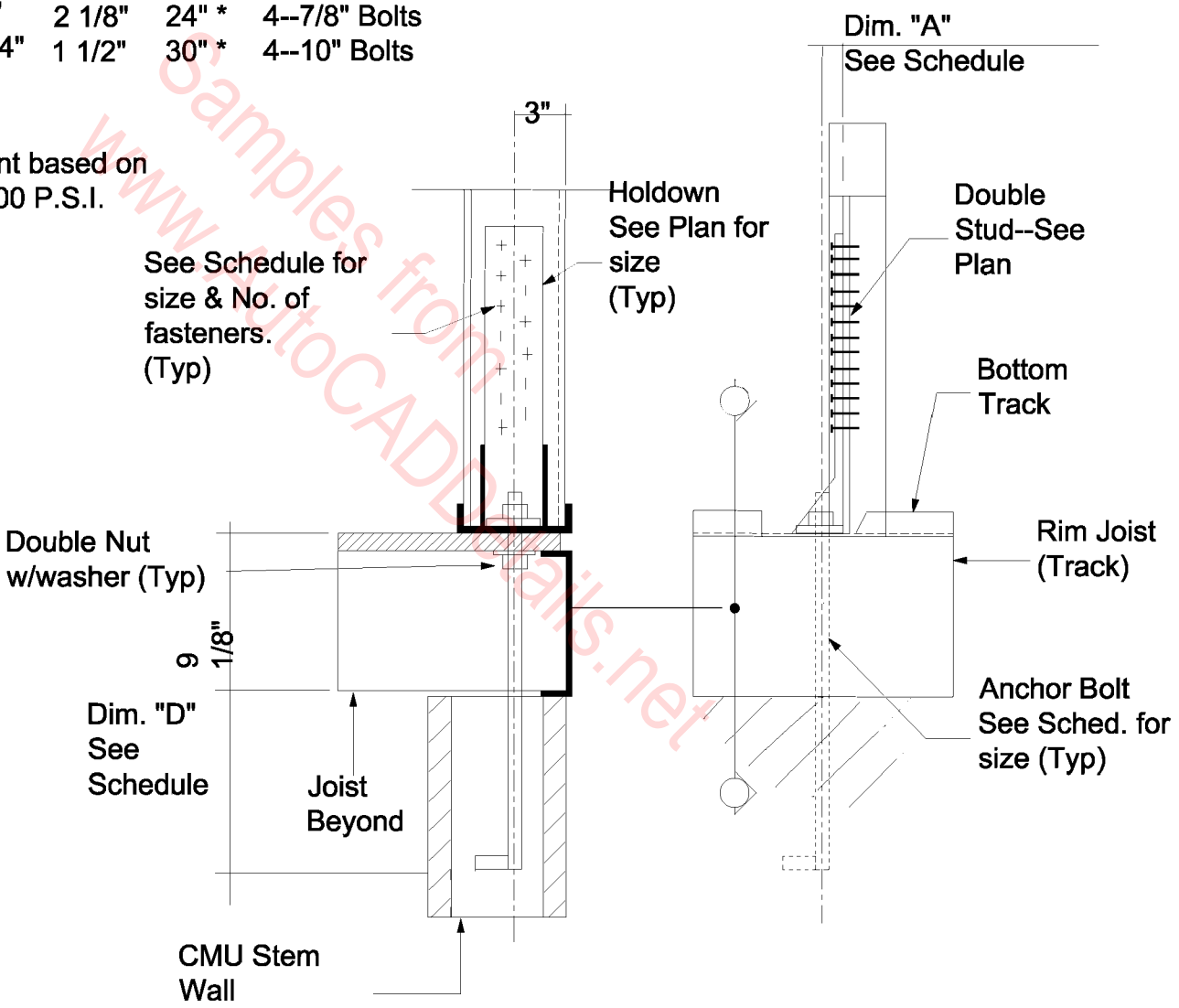
HEADER TO JAMB STUD DETAILS



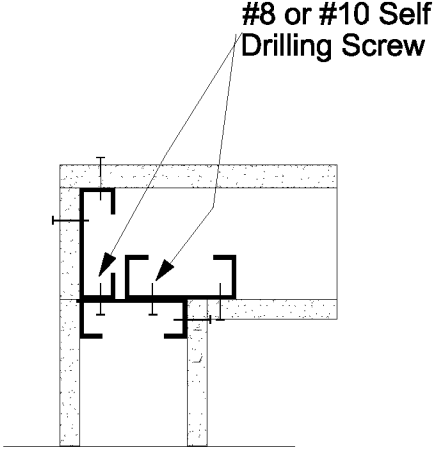
HEEL CUT FLOOR JOIST

HOLDOWN	A.E SIZE	DIM. "A"	DIM. "D"	FASTENERS
LTT19	3/4"	1 1/2"	12"	8--#10
LTT20	1/2"	1 1/2"	12"	10-#10
LTT20B	3/4"	1 1/2"	12"	10-#10
MTT28B	3/4"	1 1/2"	14"	24-#10
HD2A	5/8"	2 1/16"	12"	2--5/8" Bolts
HD5A	3/4"	2 1/16"	18"	2--3/4" Bolts
HD8A	7/8"	2 1/16"	24"	3--7/8" Bolts
HD10A	7/8"	2 1/8"	24" *	4--7/8" Bolts
HD20A	1 1/4"	1 1/2"	30" *	4--10" Bolts

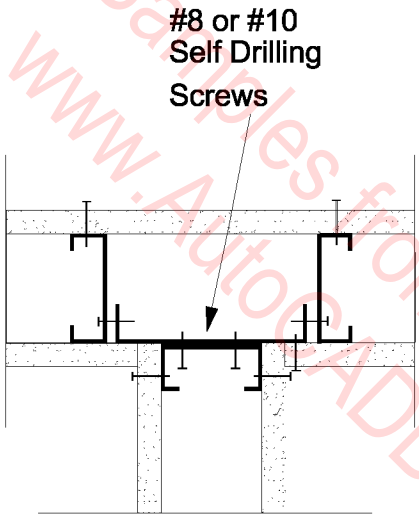
* NOTE: Bolt embedment based on min.conc. strength of 2500 P.S.I.



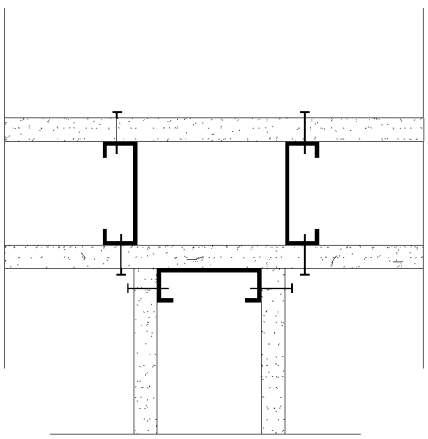
HOLDOWN DETAIL AT STEM WALL



TYPICAL INTERIOR CORNER FRAMING

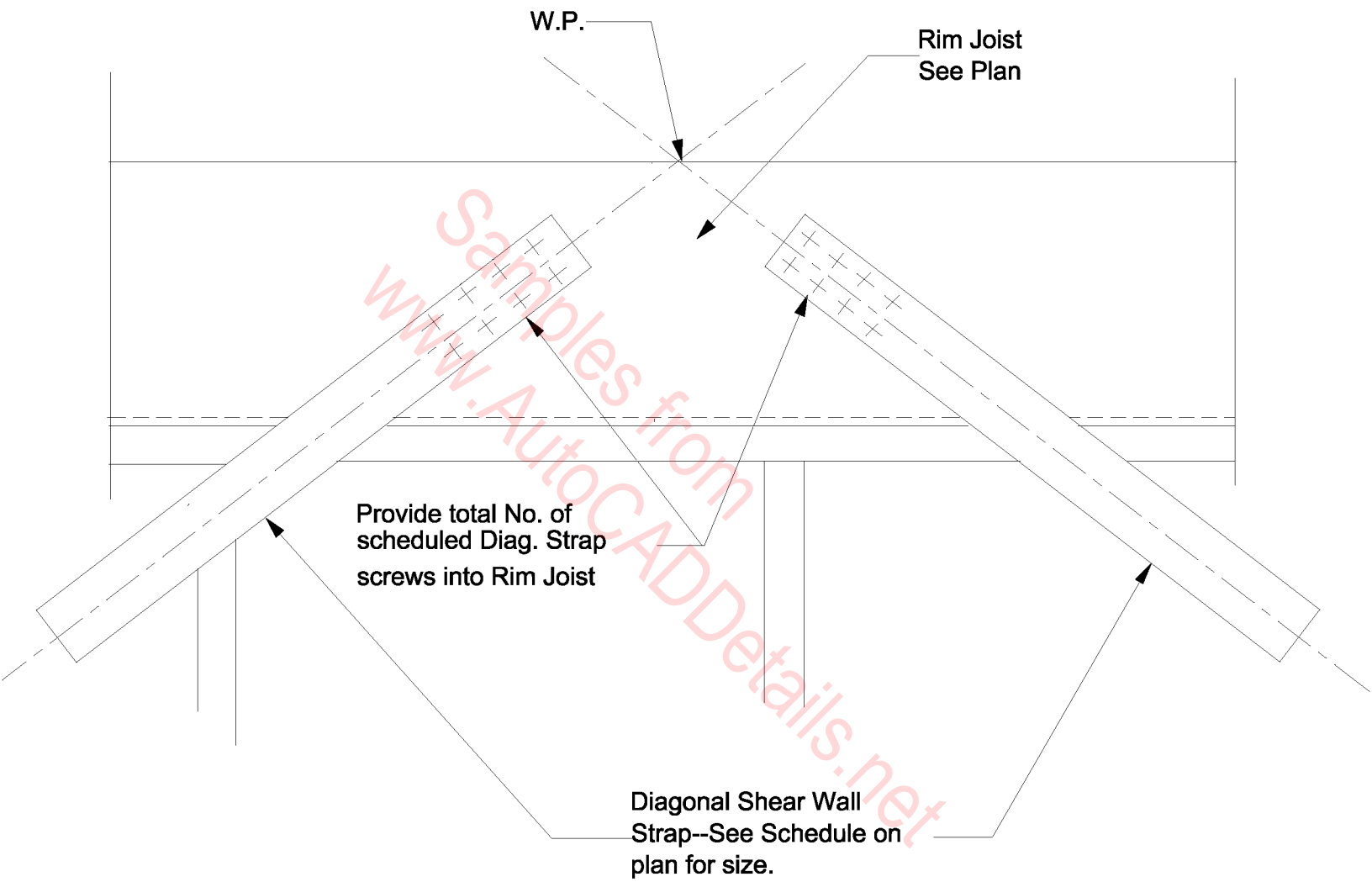


TYPICAL INTERIOR INTERSECTION

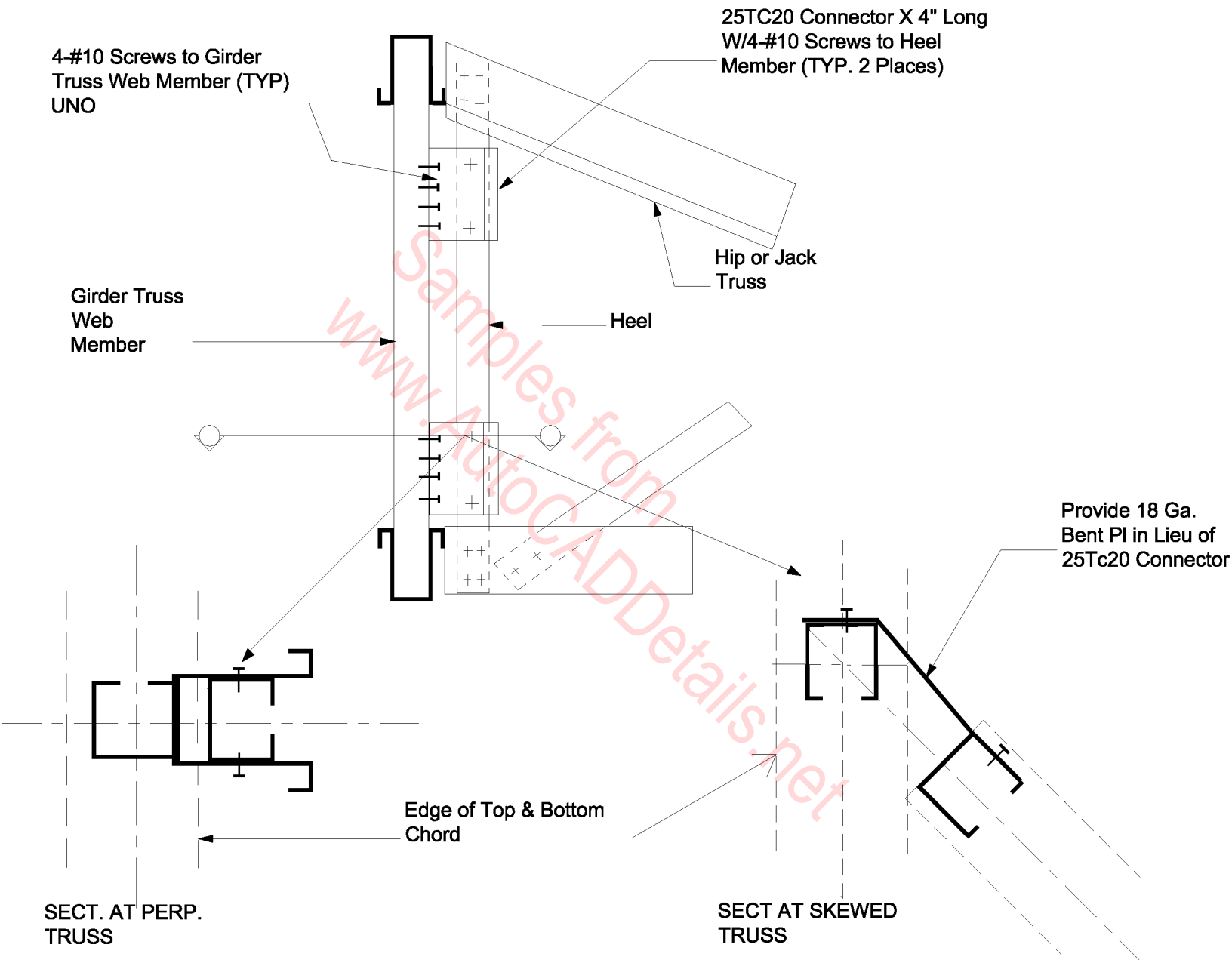


NOTE:
Use #8 or #10 Self Drilling in all cases

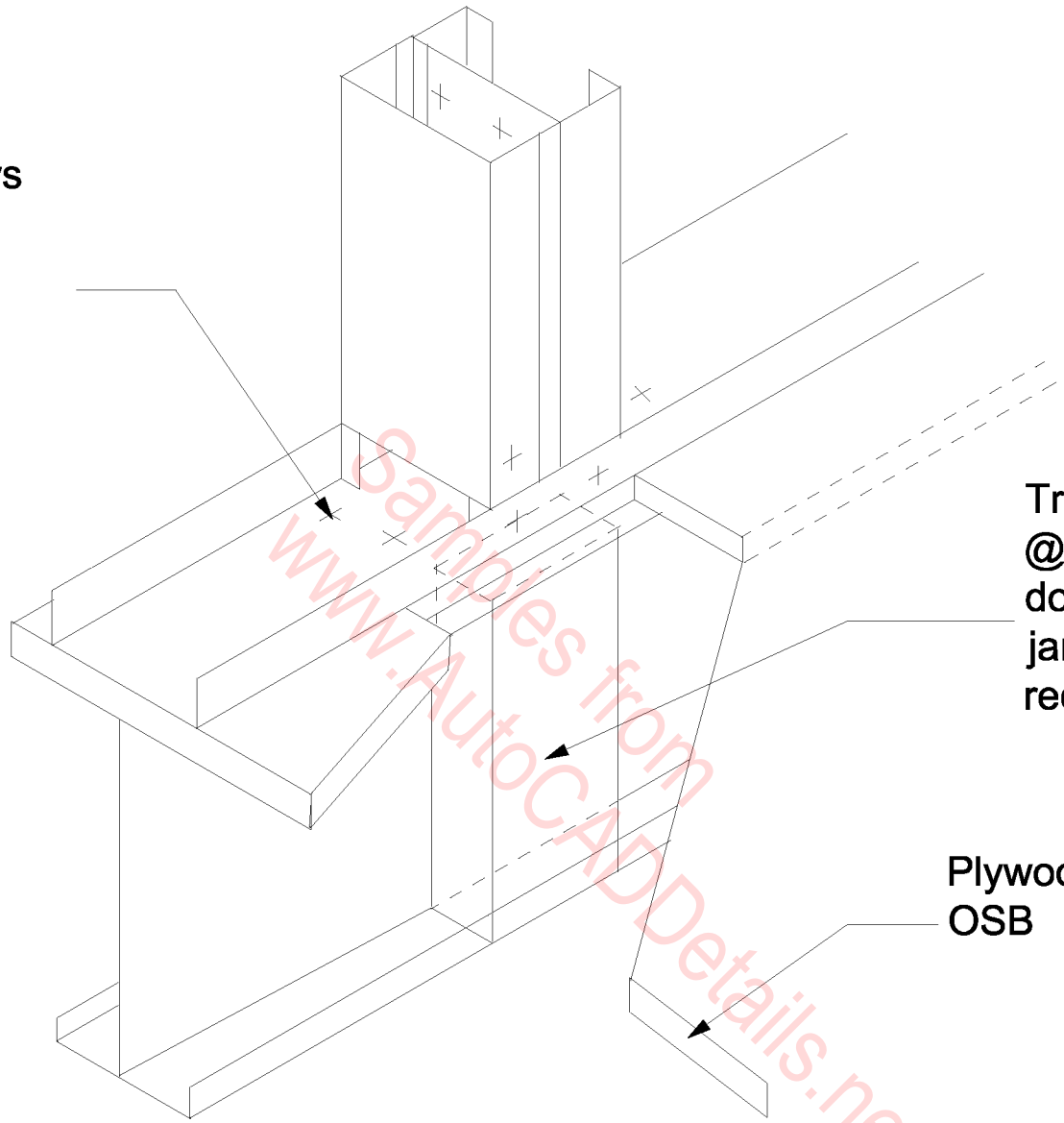
ALTERNATE INTERIOR INTERSECTION FRAMING



INVERTED CHEVRON TYPE STRAP CONNECTION TO RIM JOIST



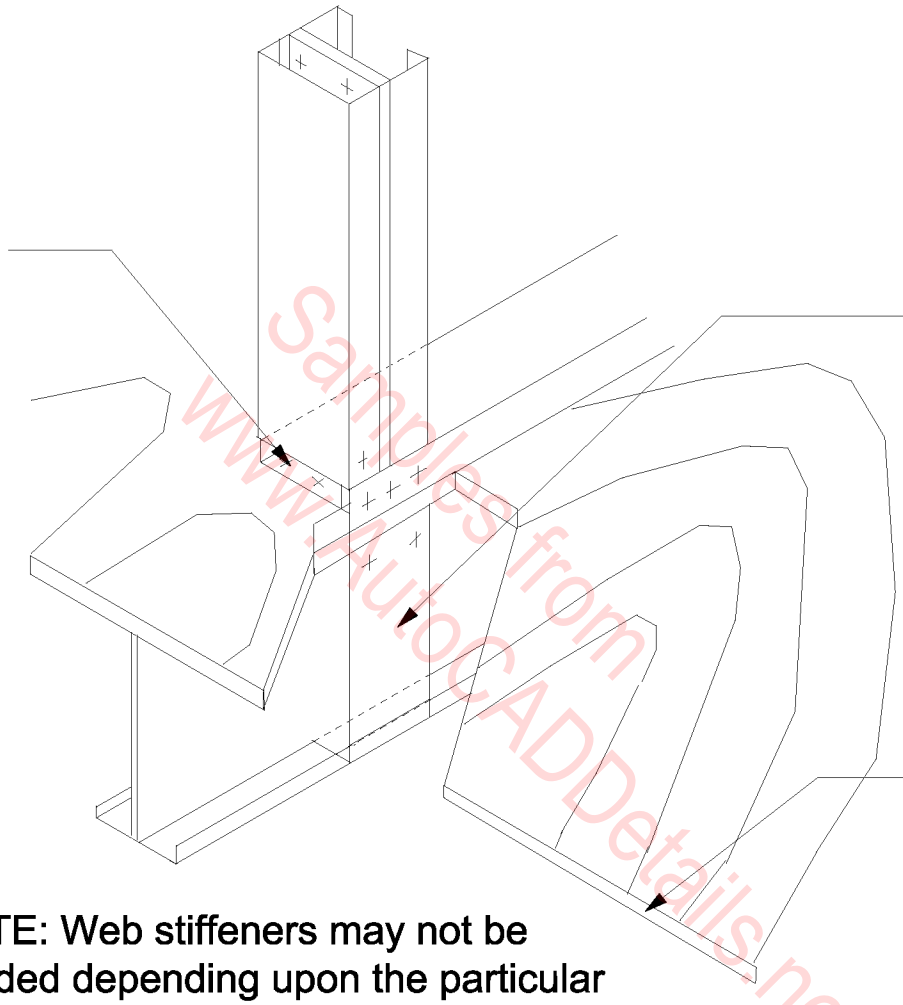
JACK TRUSS CONNECTION TO GIRDER TRUSS



NOTE:

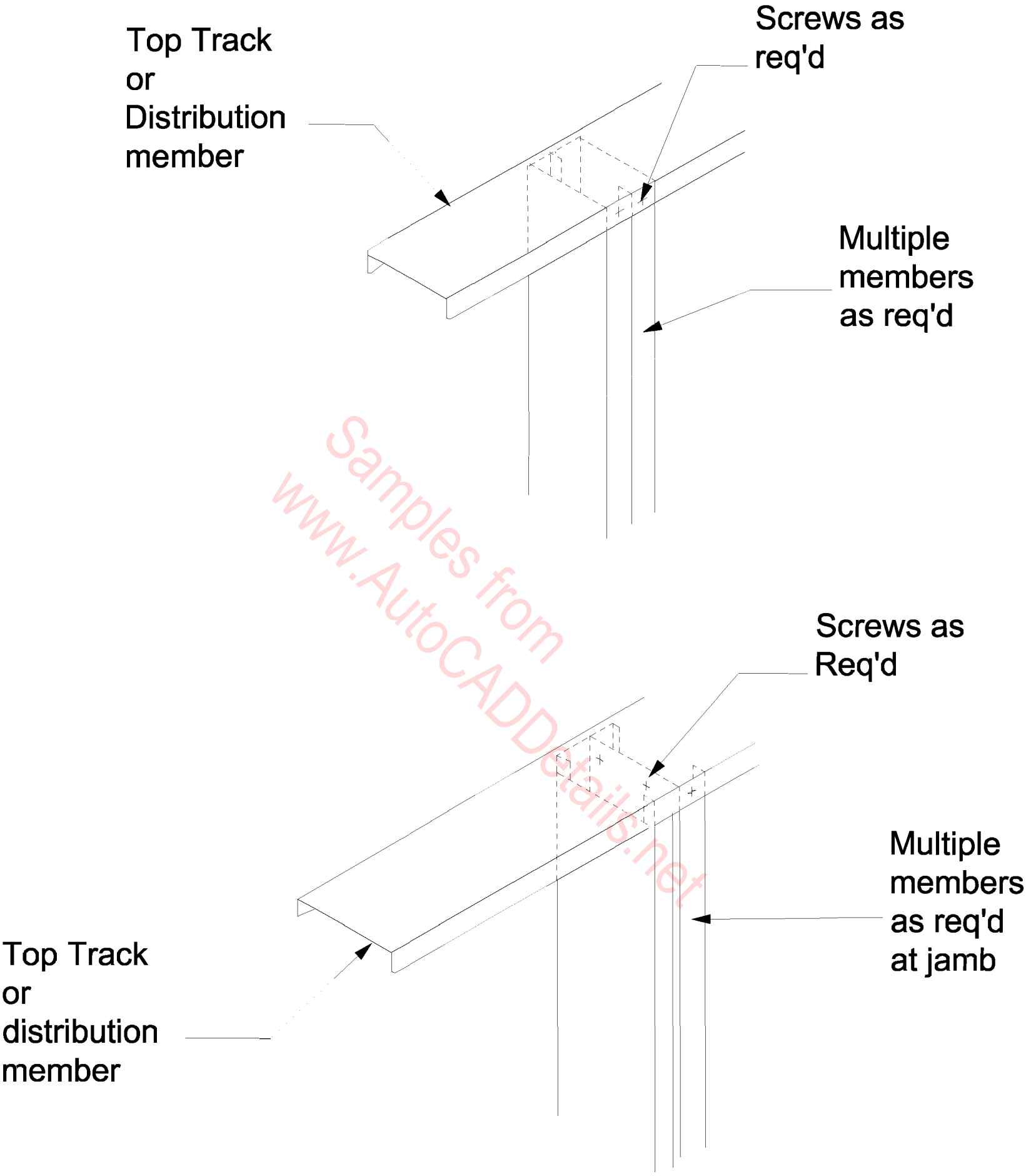
Web stiffeners may not be needed depending upon the particular design requirements.

JAMB AT BOTTOM OF WALL

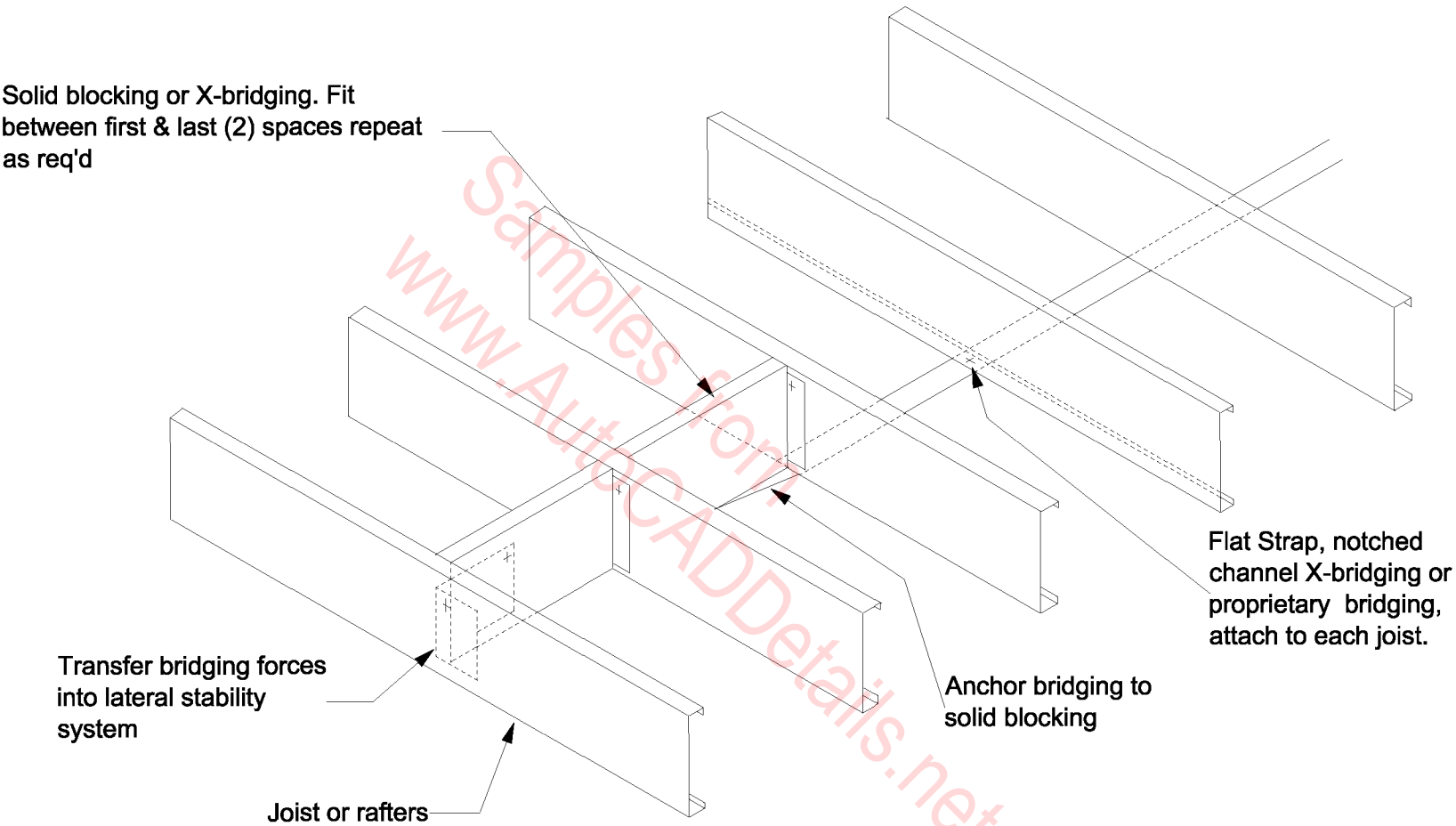


NOTE: Web stiffeners may not be needed depending upon the particular design requirements.

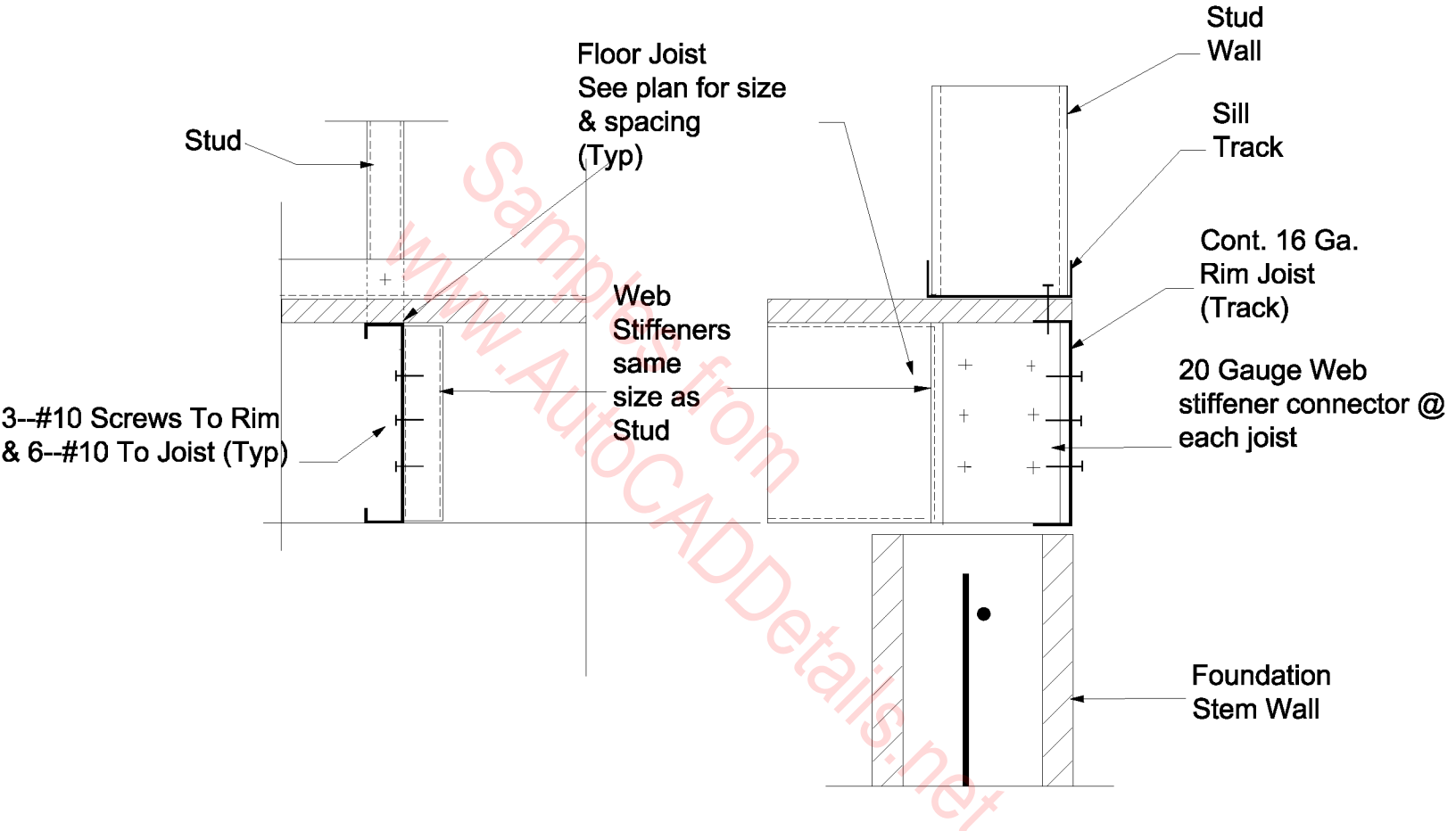
JAMB AT FLOOR JOISTS



JAMB AT TOP OF WALL

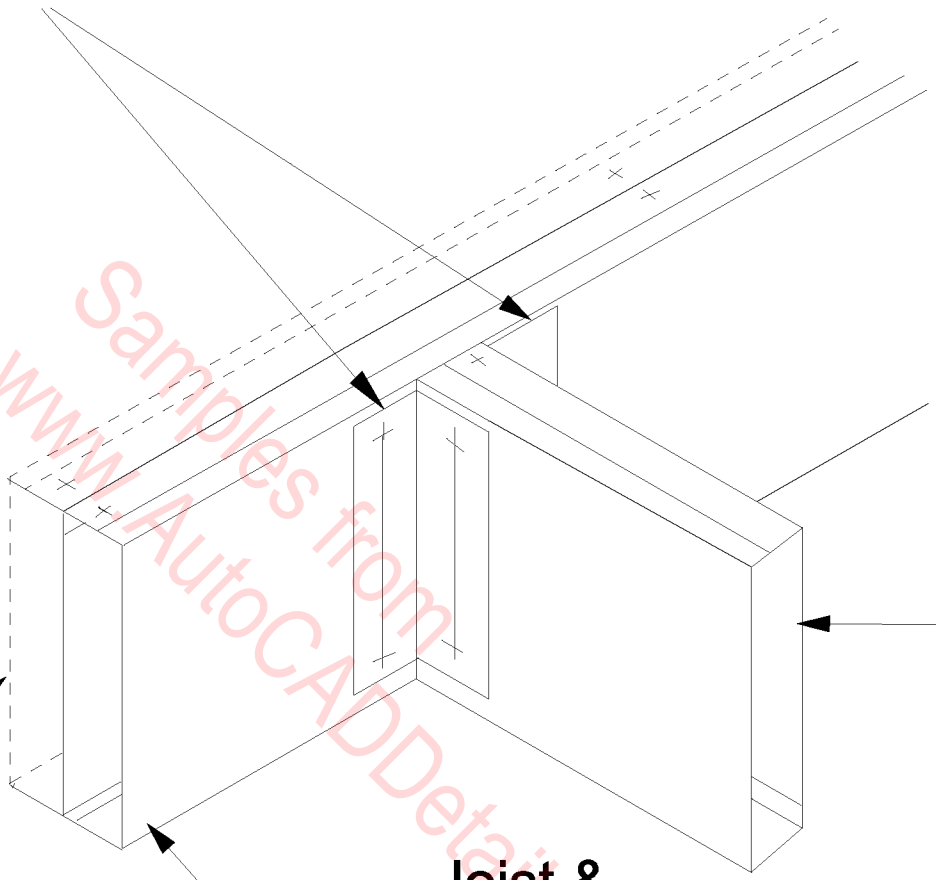


JOIST AND RAFTER BRIDGING



JOIST CONNECTION AT STEM WALL

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

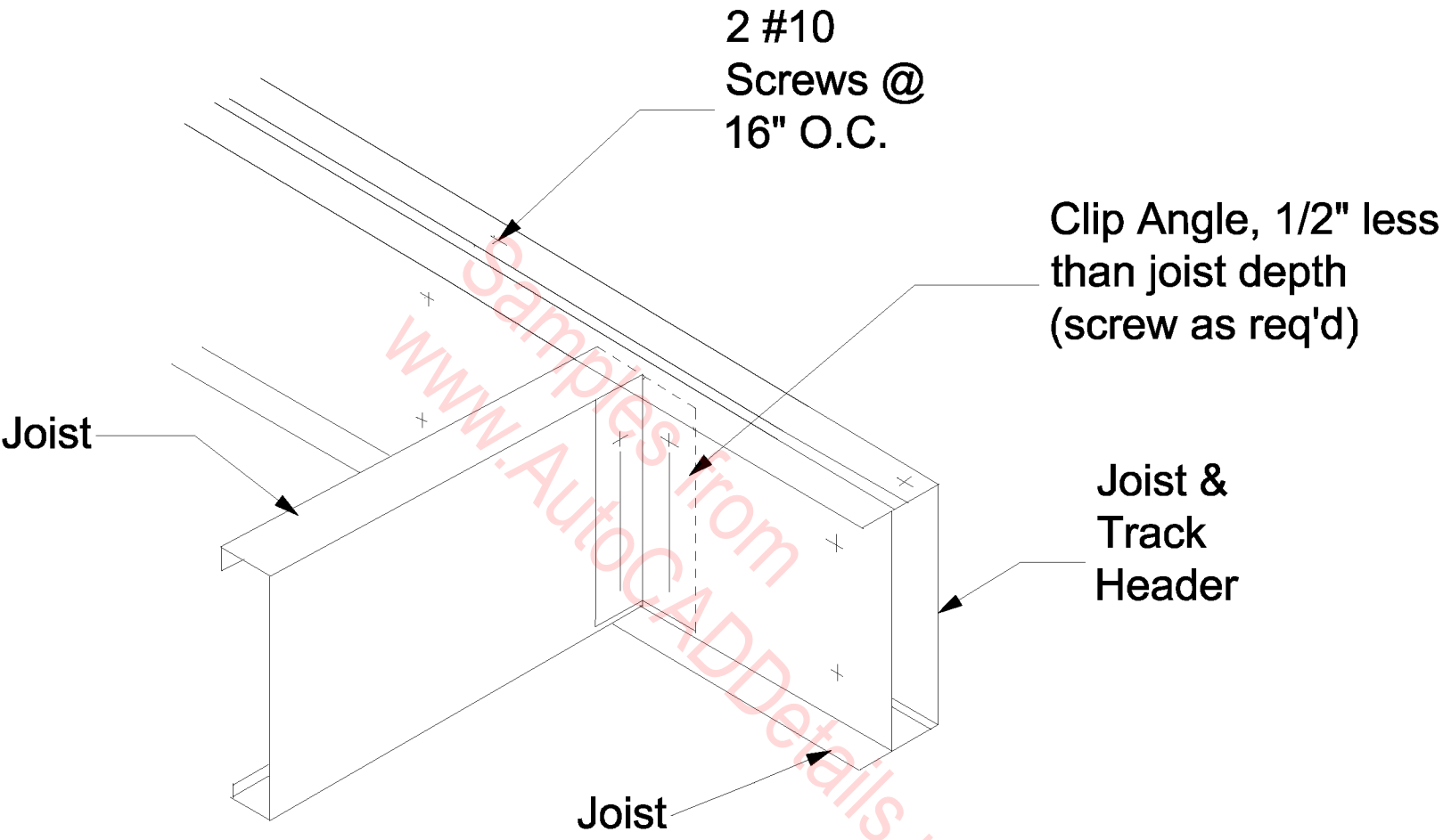


Joist & Track Header

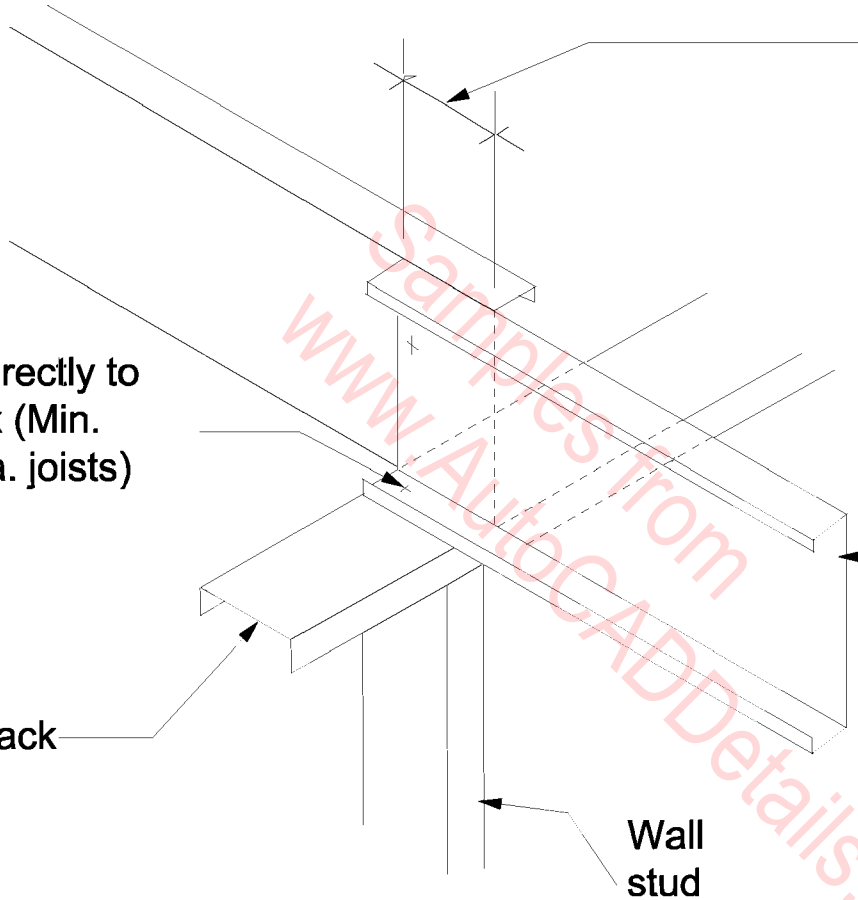
Additional Members as Req'd.

Joist & Track Header

JOIST HEADER TO BUILD-UP JOIST



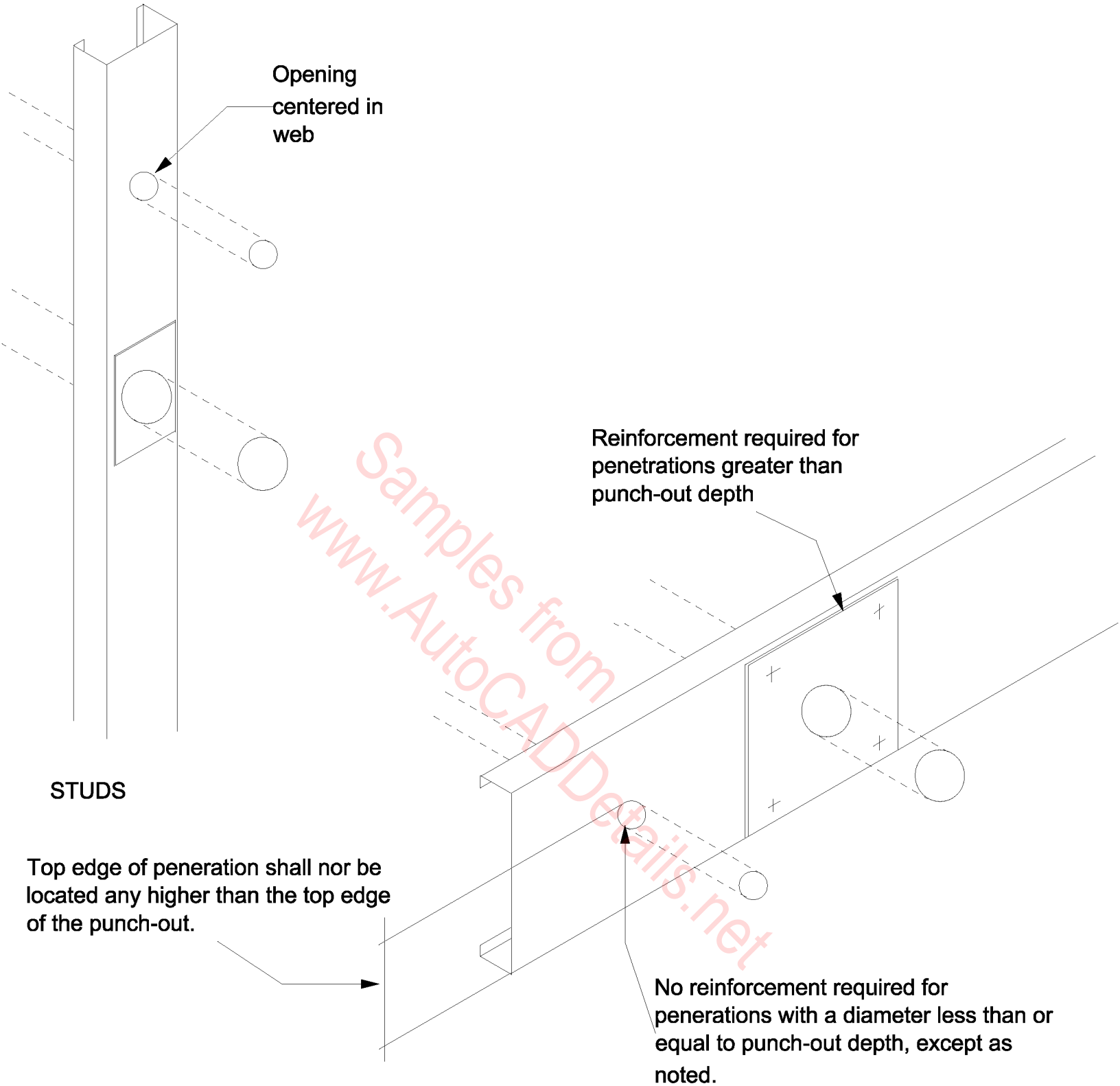
JOIST HEADER TO FLOOR JOIST



NOTES:

1. Continuous bridging req'd between each joist above wall. Solid blocking in every other space may be used in lieu of bridging.
2. When wall above, studs must align with joists.
3. Where axial load bearing members do not align vertically, provide detail.

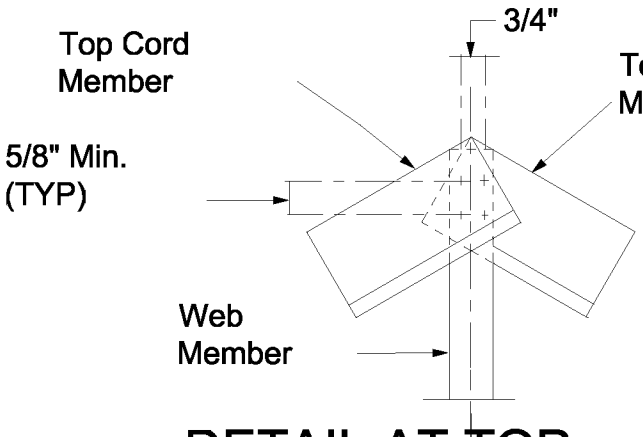
JOISTS SUPPORTED AT BEARING STUDS



NOTES:

1. Flanges shall not be notched or cut.
2. Capacity verification by design is req'd.
   for any openings located at concentrated loads and bearing ends.

JOIST, STUD OR RAFTER WED PENETRATIONS

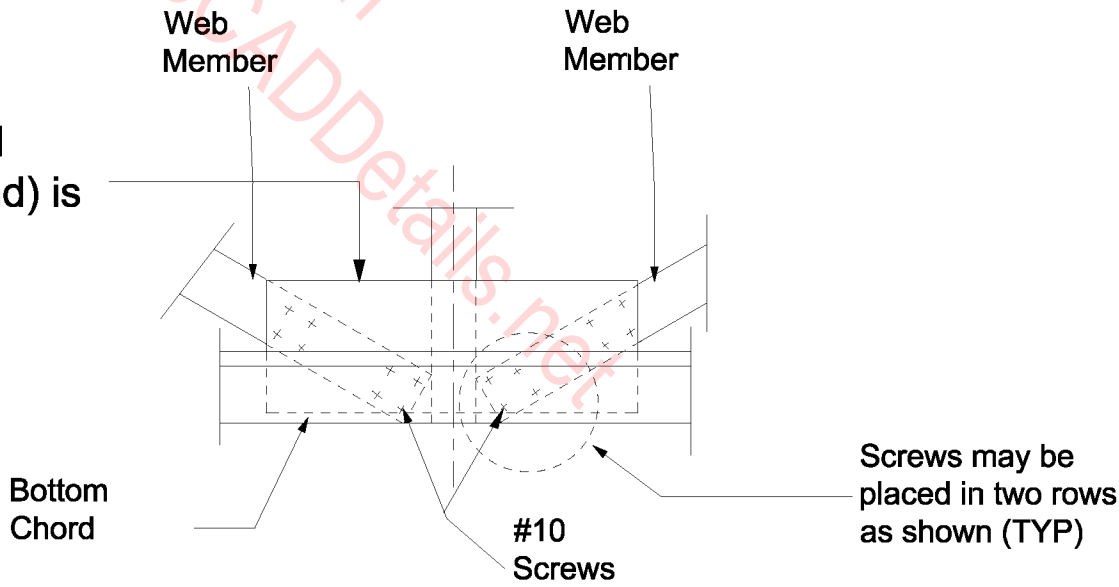


NOTE:
Fot Truss member cross sections

DETAIL AT TOP CHORD

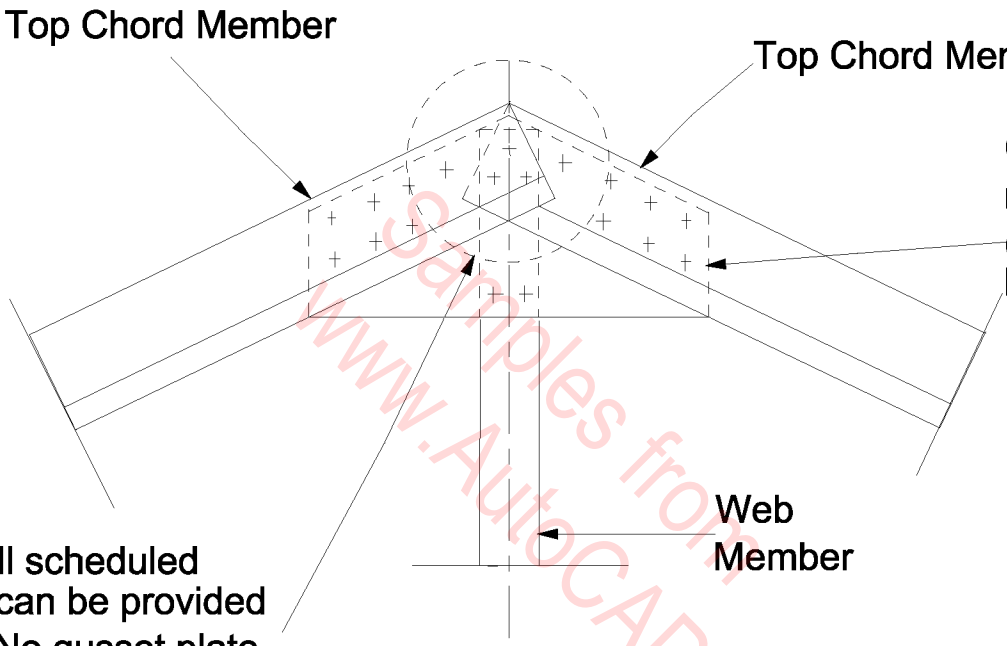
NOTE: Gusset plate may not be required if calculated number of screws can be directly applied to all joined webs through chord member

Provide gusset Pl to match heavier member connected where SPE (Screws per end) is flooowed by letter G (TYP)



DETAIL AT BOTTOM CHORD

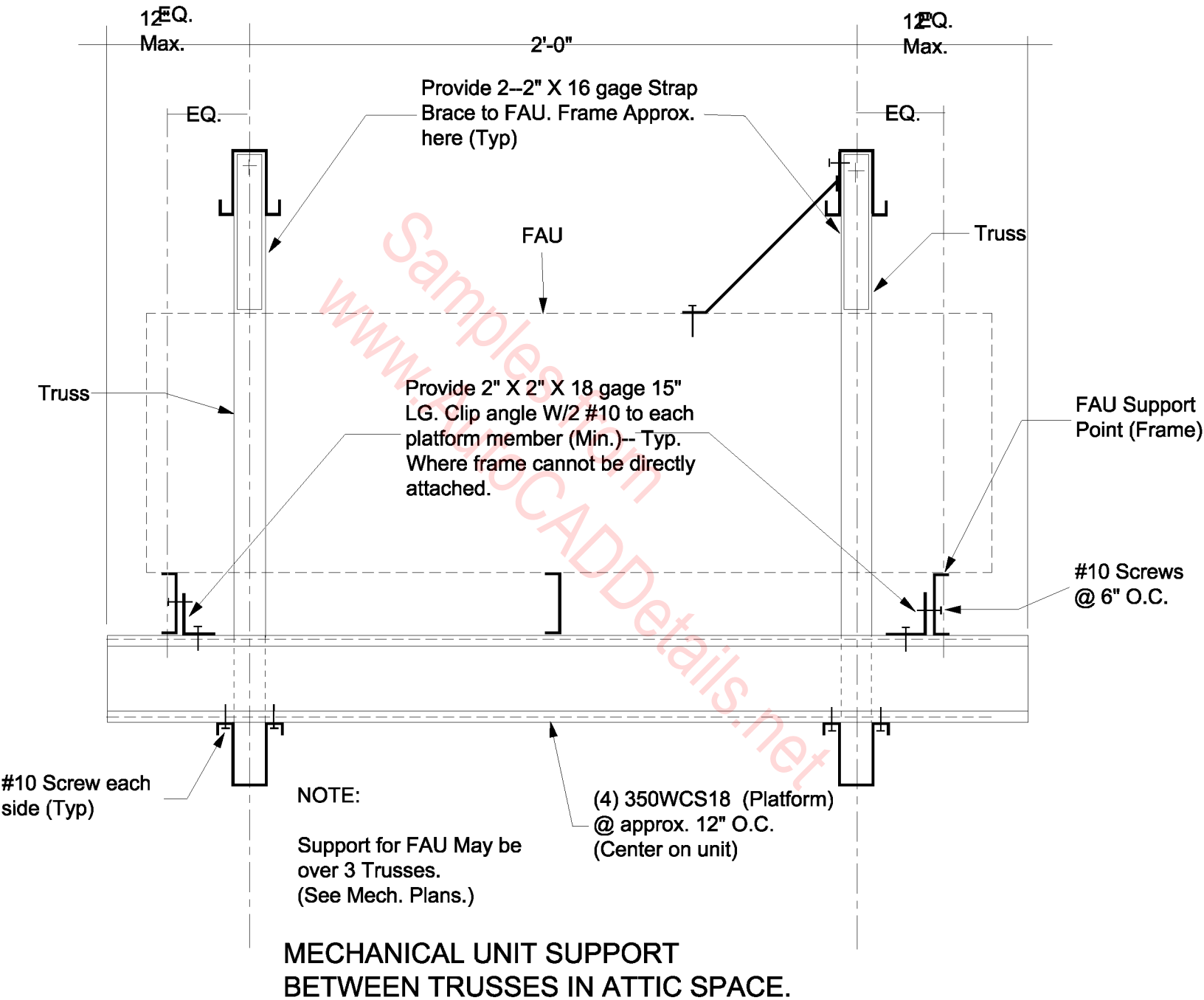
KING POST DETAIL



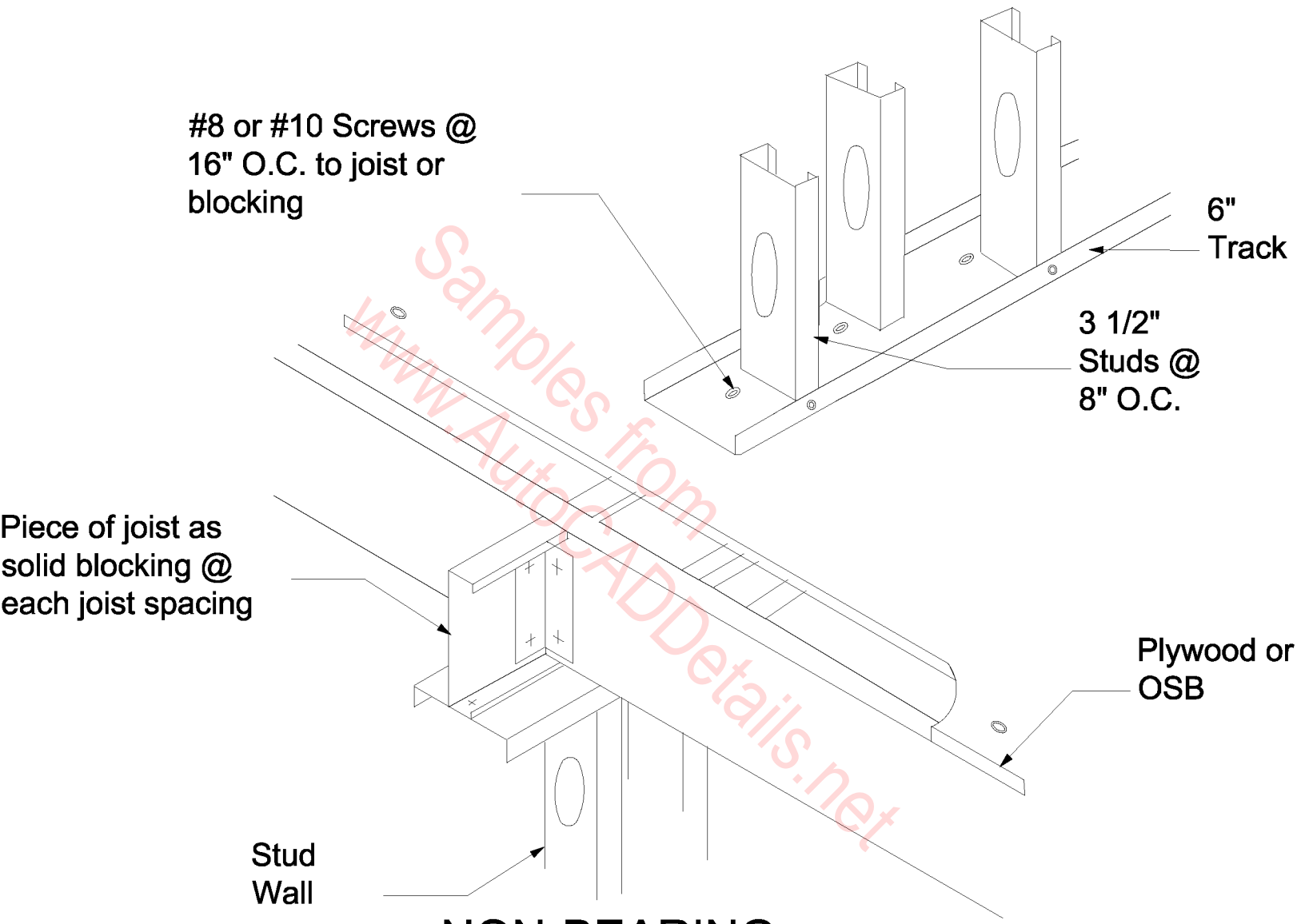
DETAIL AT TOP CHORD

NOTE: Gusset plate may not be required if calcuated number of screws can be directly applied to all joined webs through chord member.

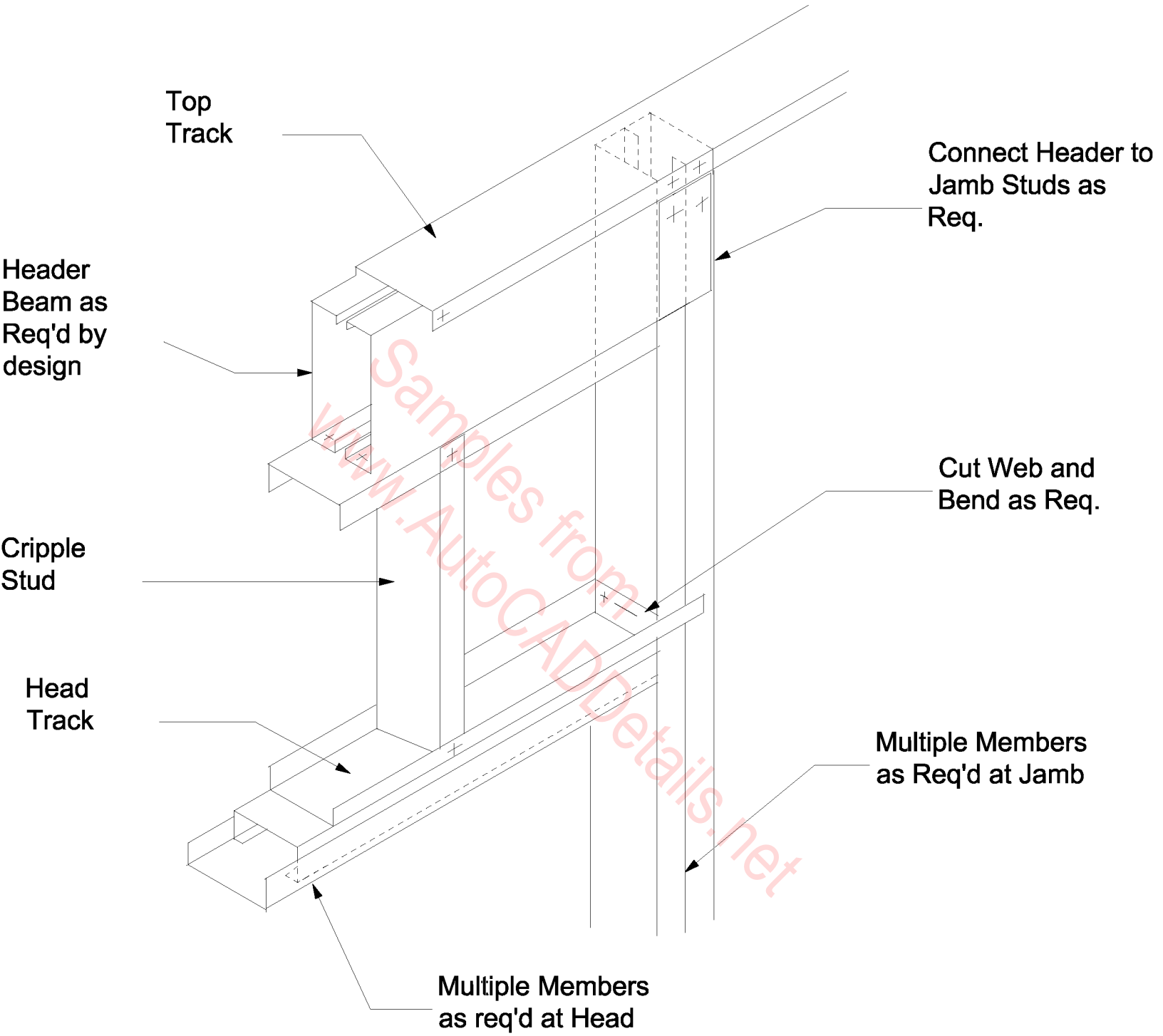
KING POST W/GUSSET DTL



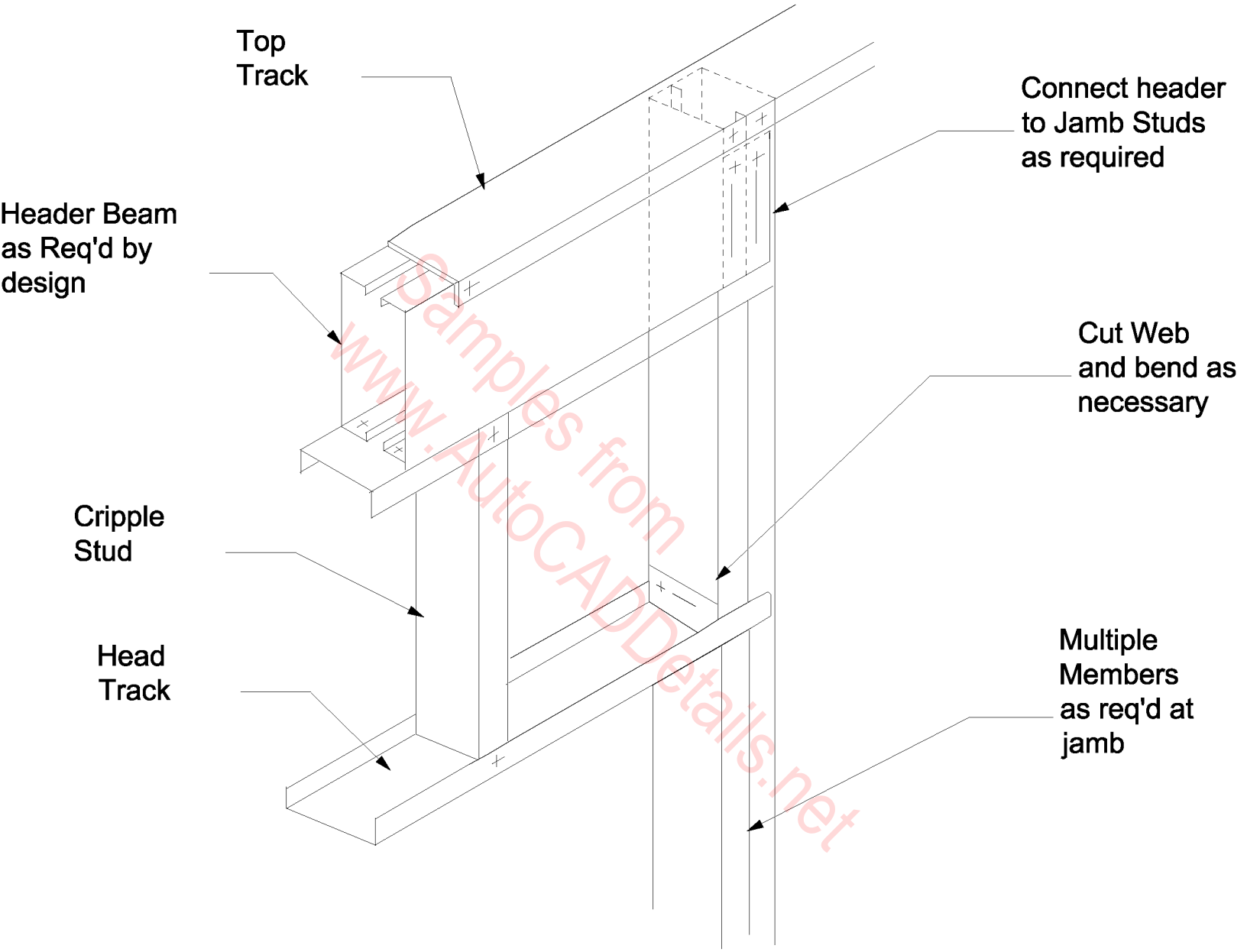
MECHANICAL UNIT SUPPORT BETWEEN TRUSSES IN ATTIC SPACE.



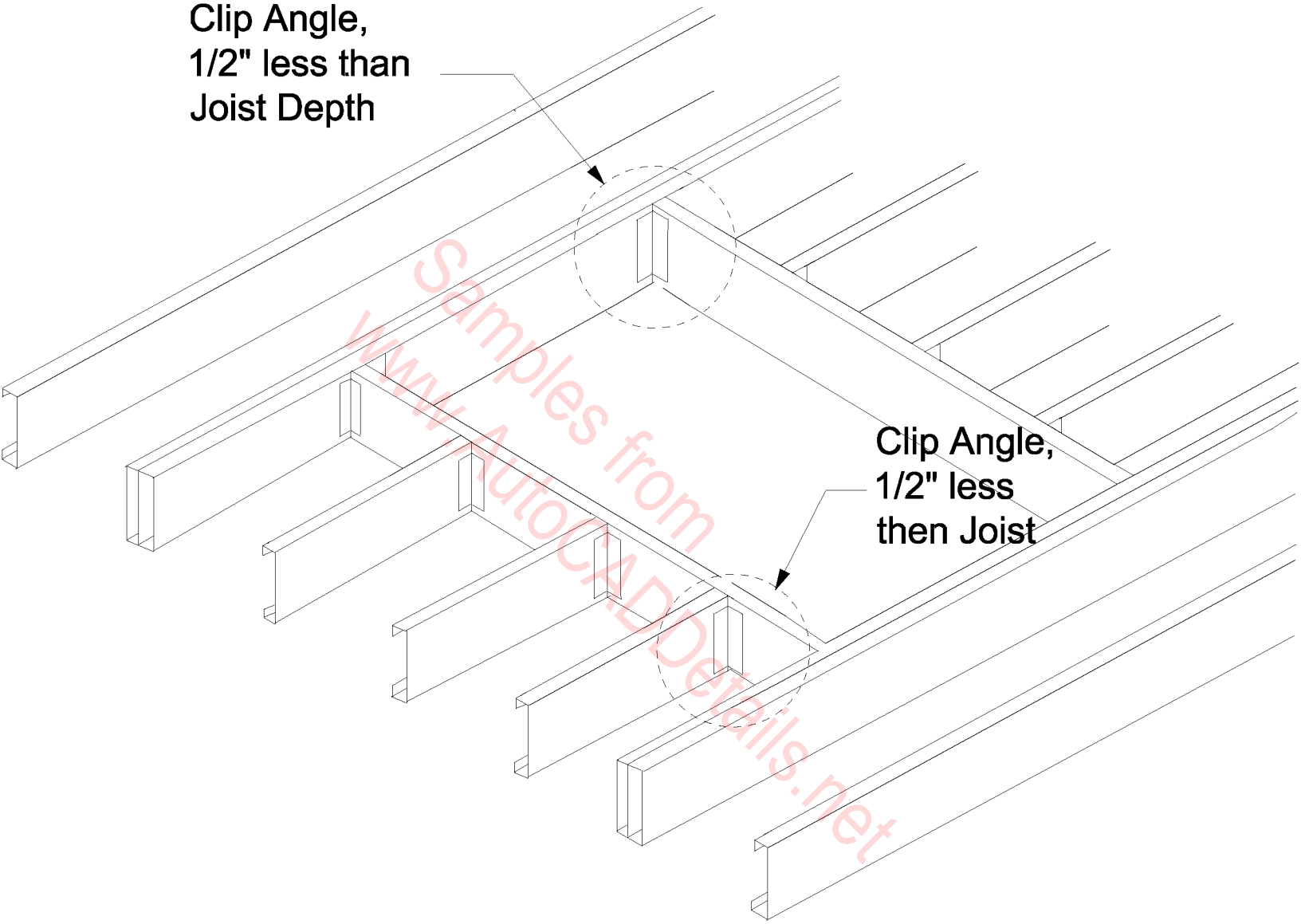
NON-BEARING SOUND PARTITION DETAILS



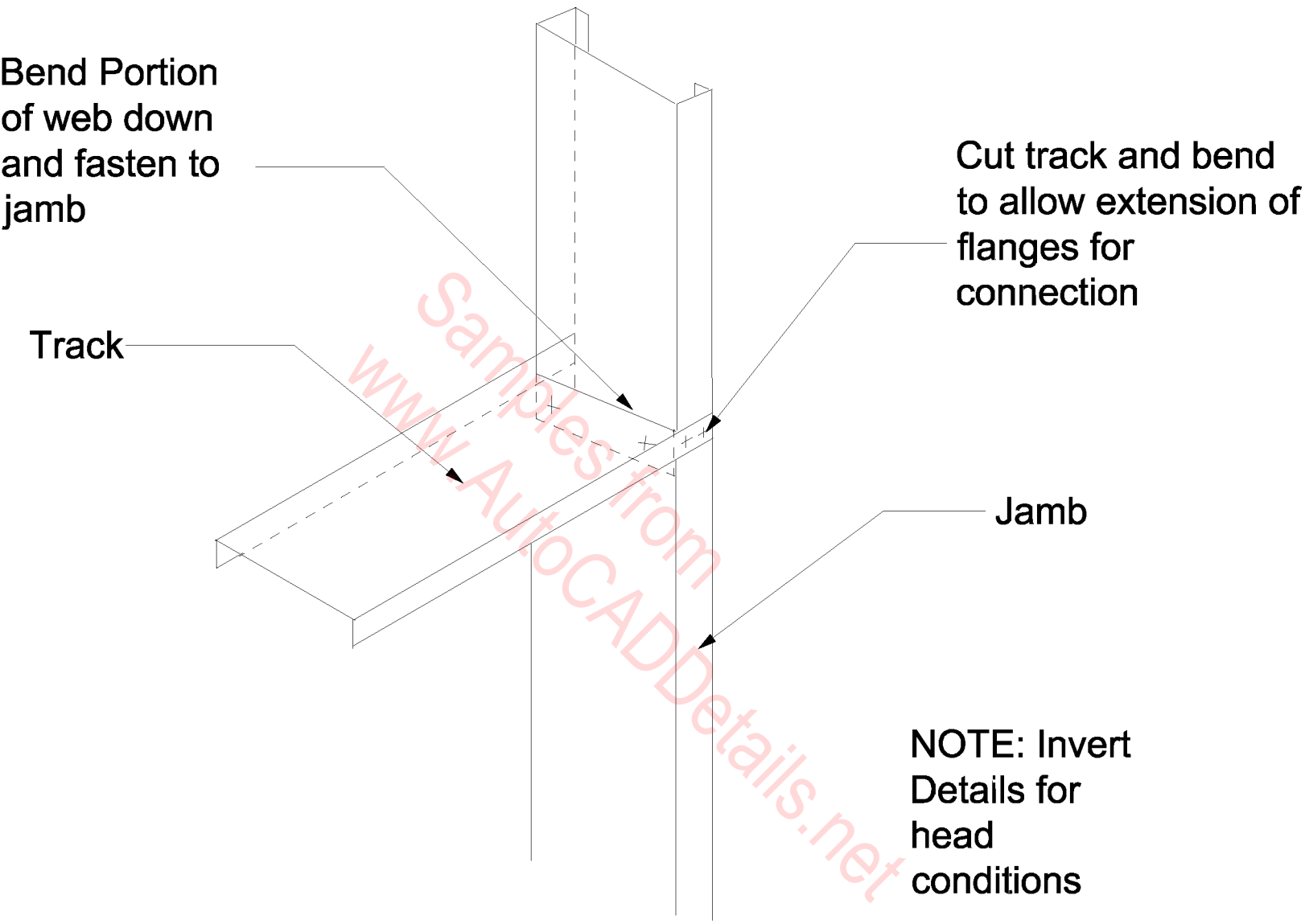
OPENING HEAD DETAIL --LOAD BEARING JAMB AND HEAD



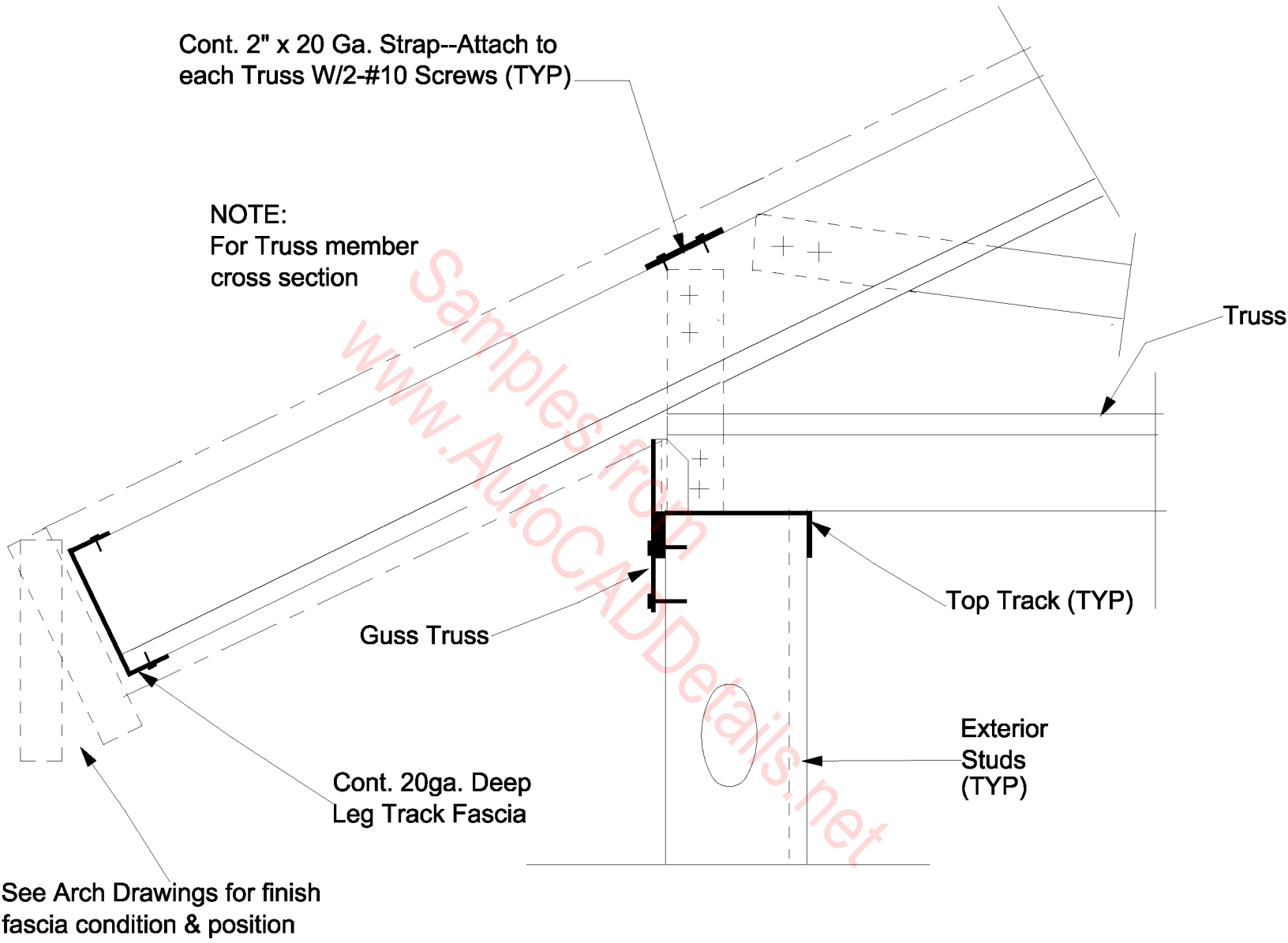
OPENING HEAD DETAIL--SINGLE TRACK WITH HEADER



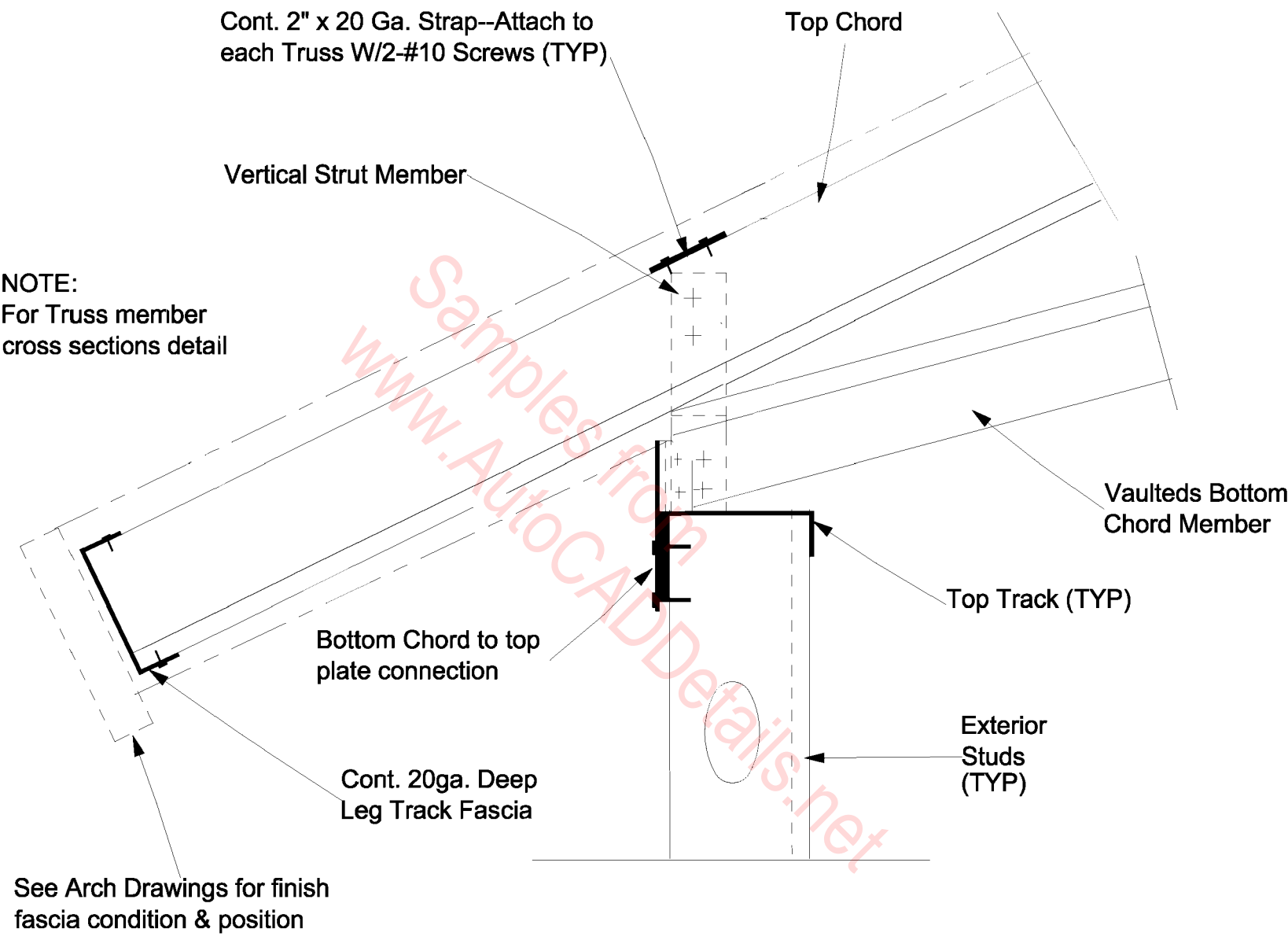
OPENING IN FLOOR JOISTS



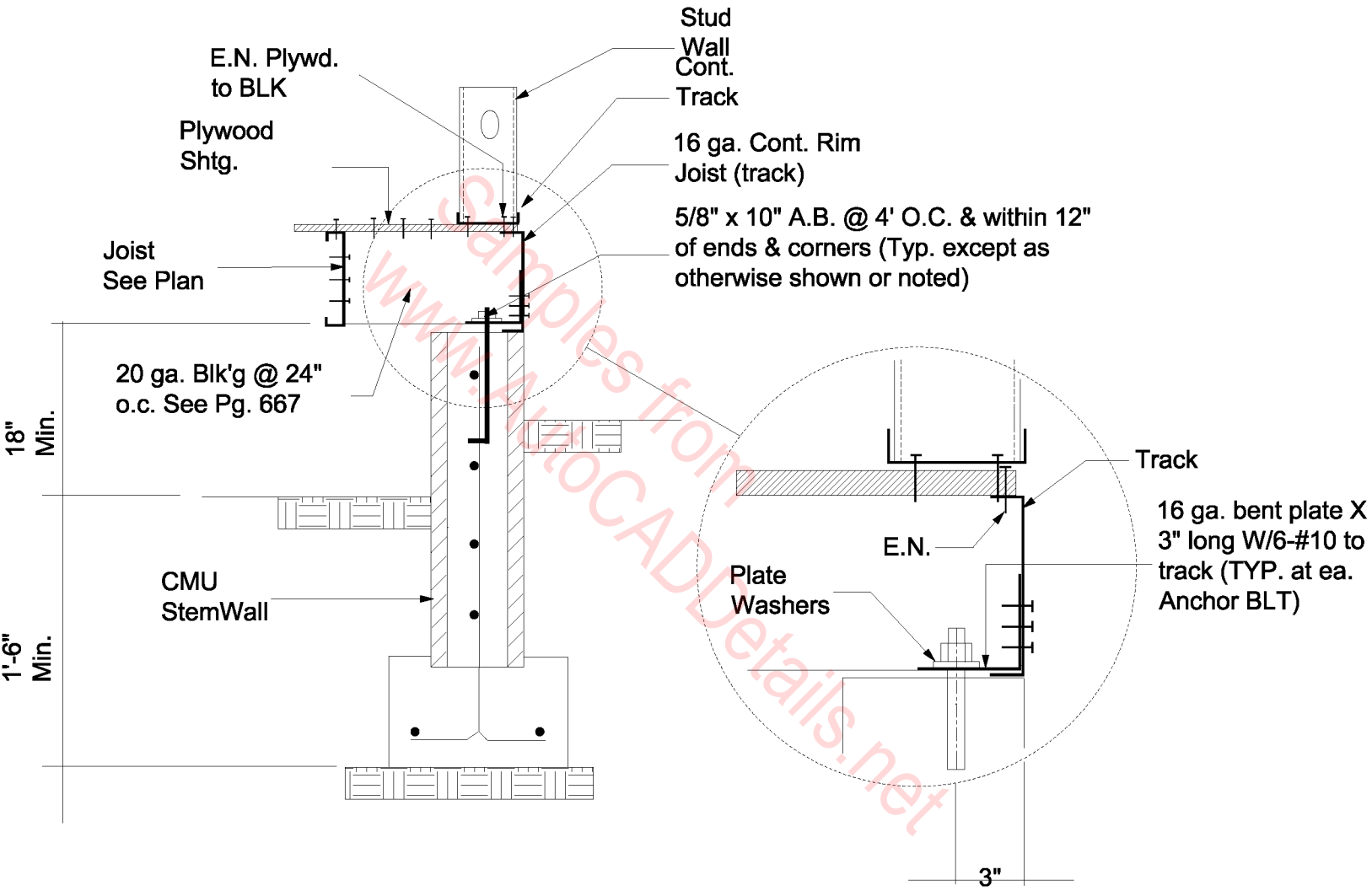
OPENING SILL DETAIL--SINGLE TRACK



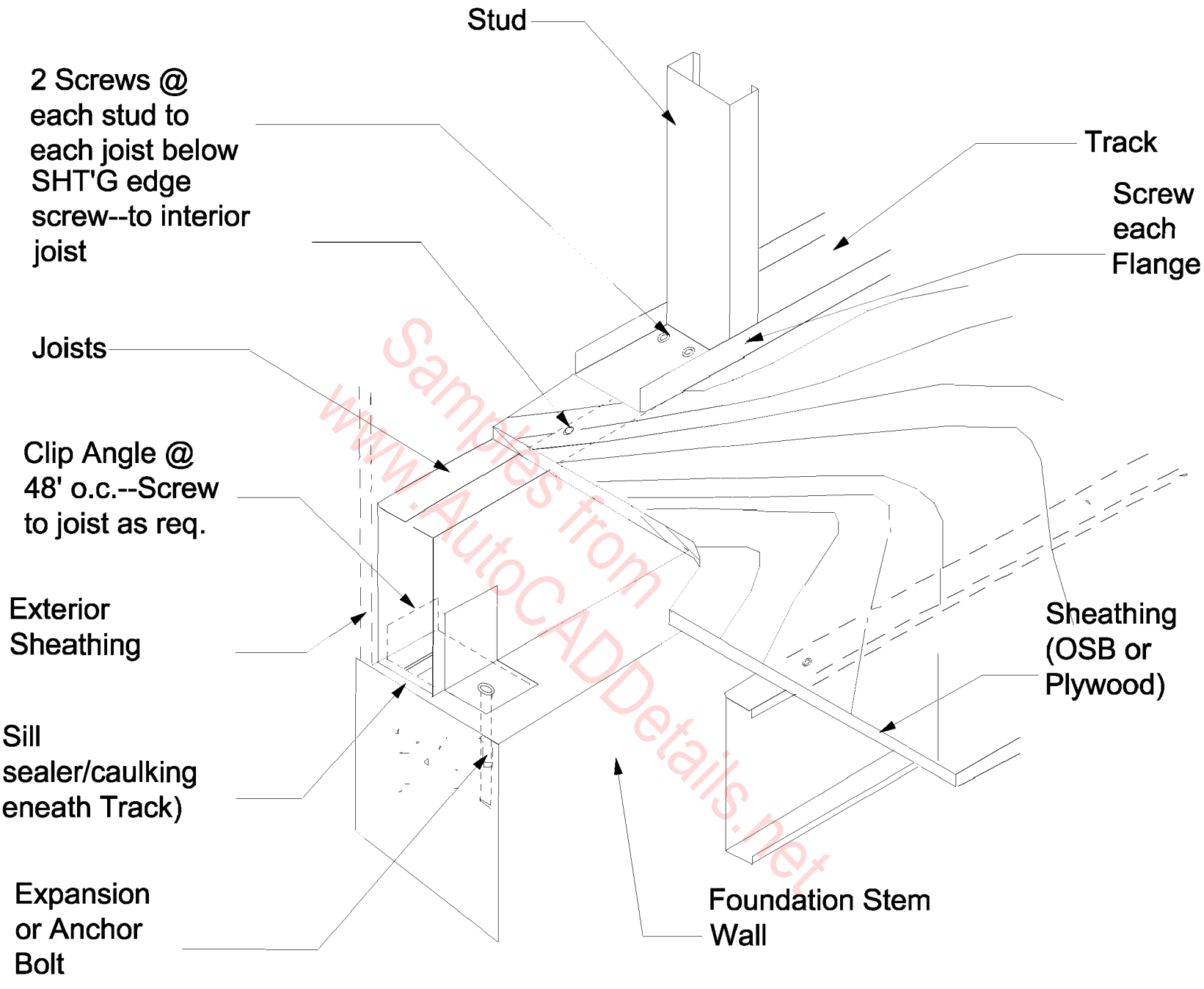
OVERHANG DETAIL---FLAT BOTTOM CHORD



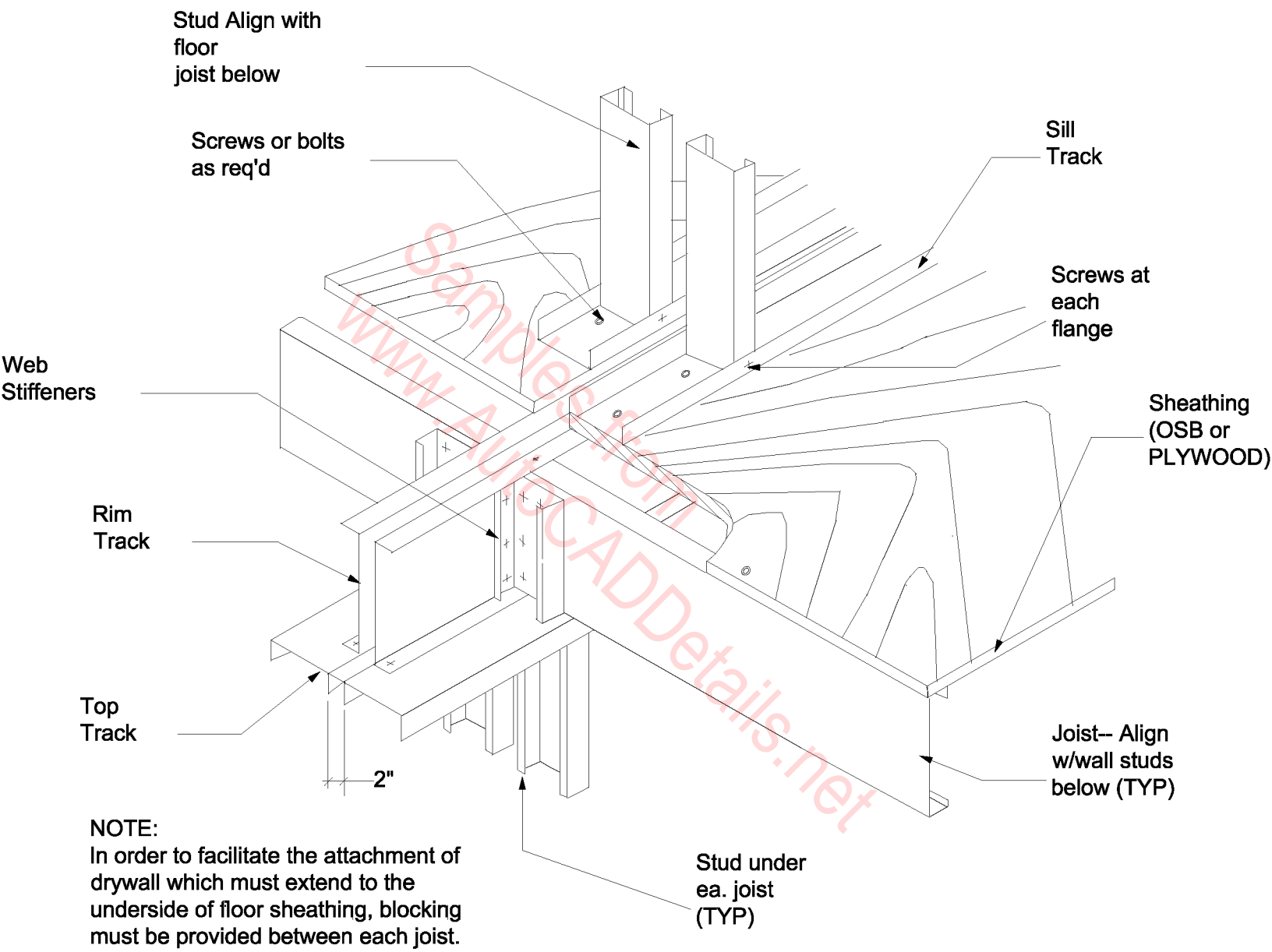
OVERHANG DETAIL---SCISSOR TRUSS



PARALLEL FLOOR JOIST TO STEM WALL

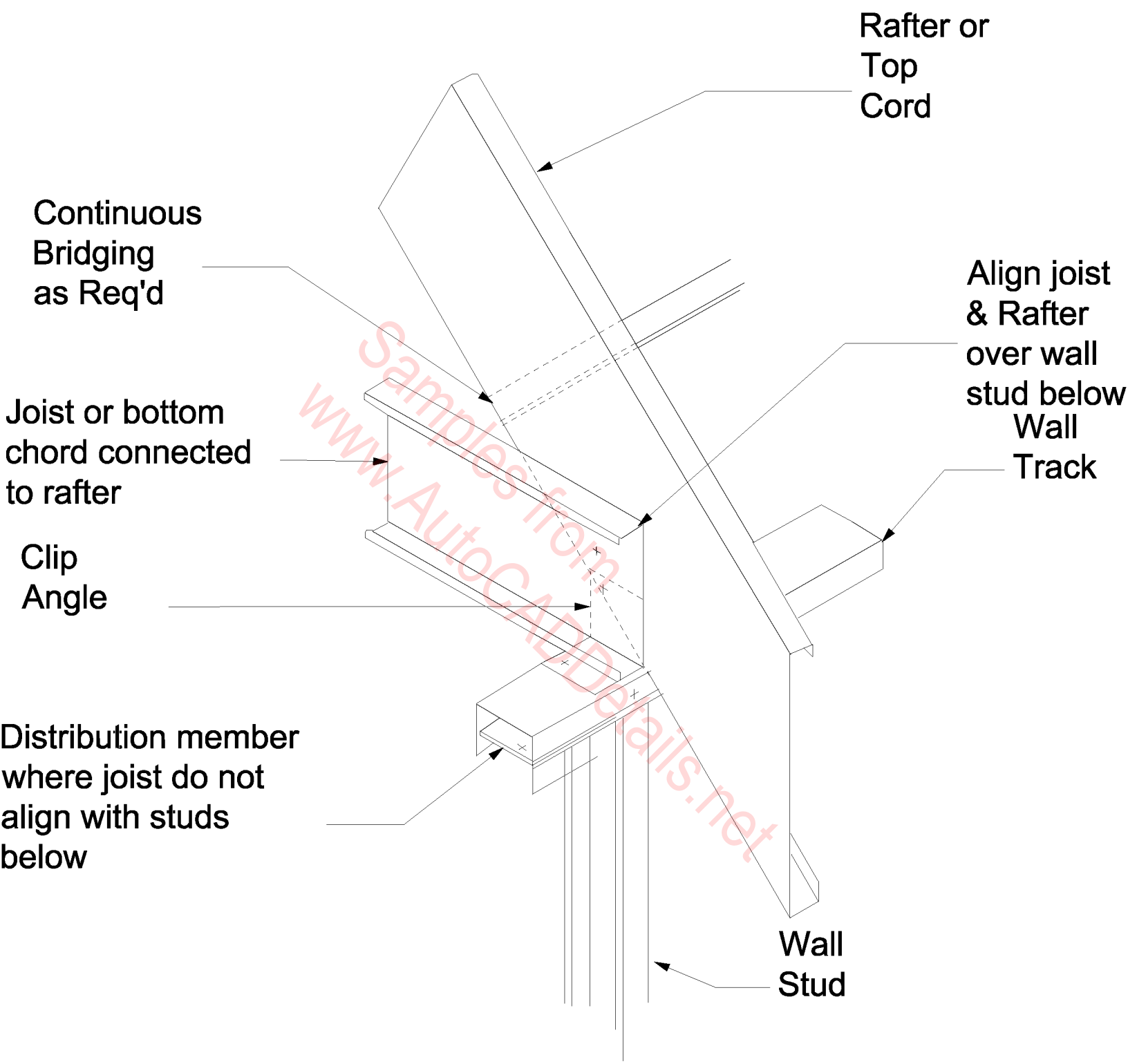


PARALLEL FLOOR JOISTS @ FOUNDATION

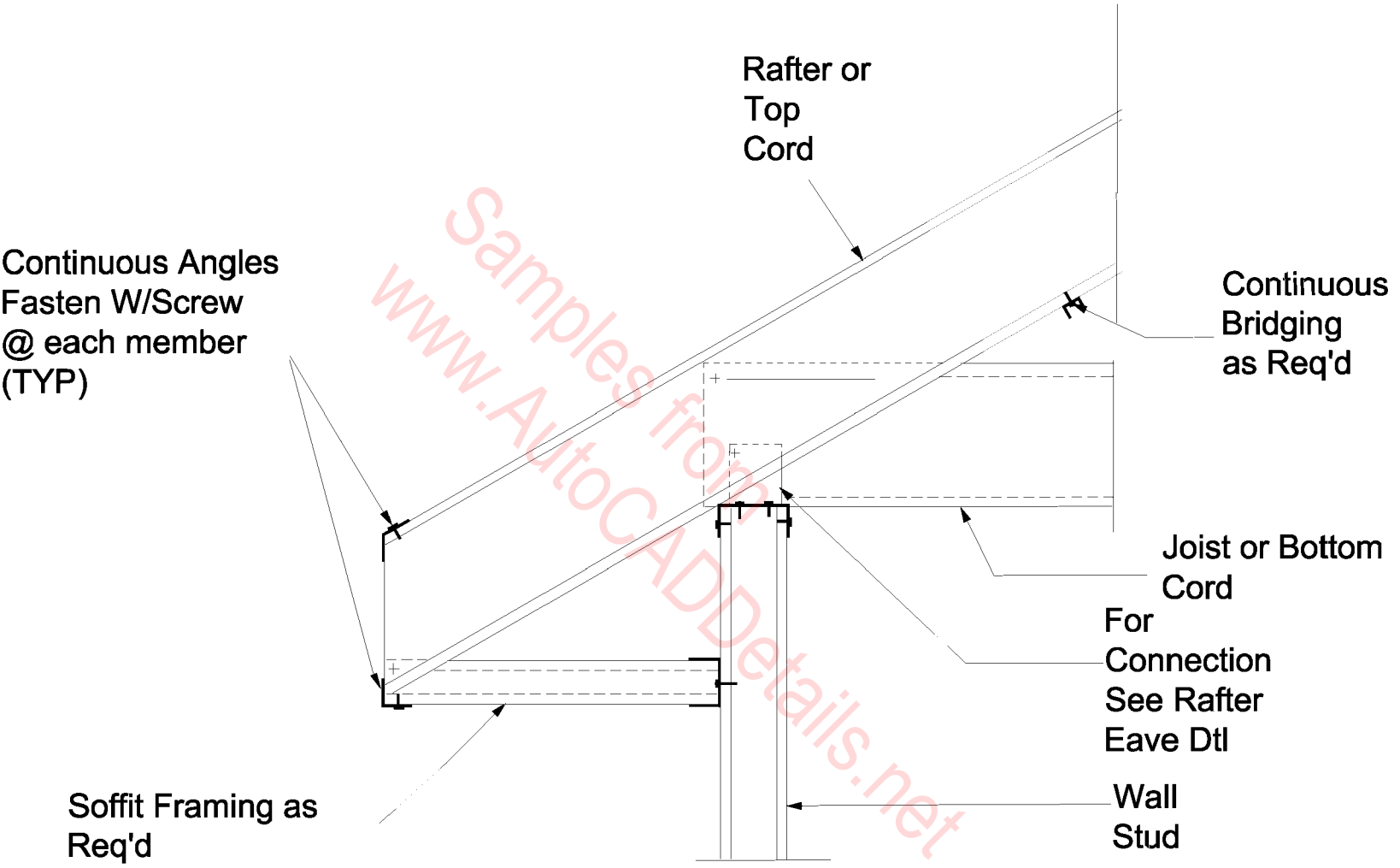


NOTE:
In order to facilitate the attachment of drywall which must extend to the underside of floor sheathing, blocking must be provided between each joist.

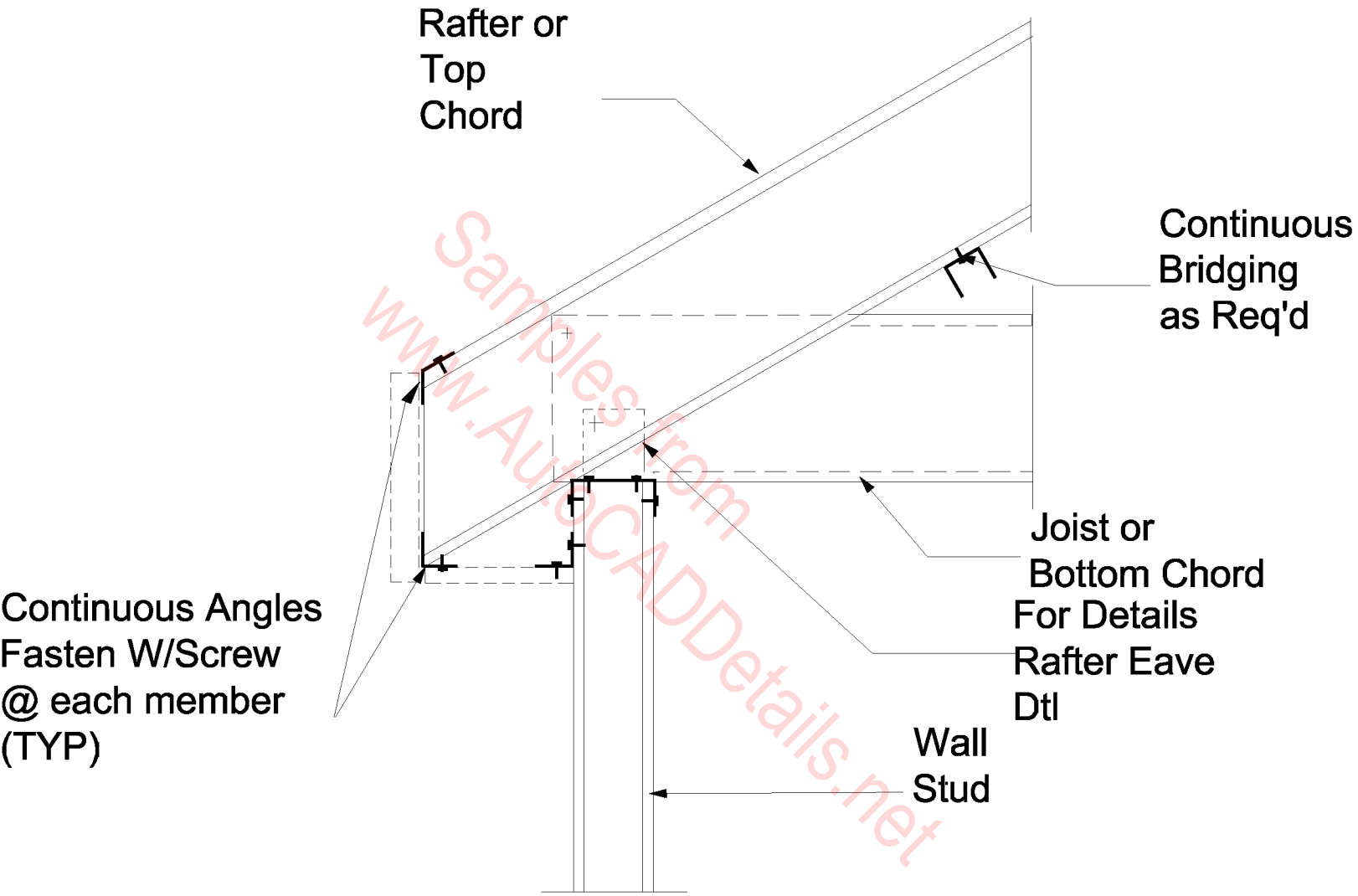
PARTY WALL AT LOAD BEARING WALLS



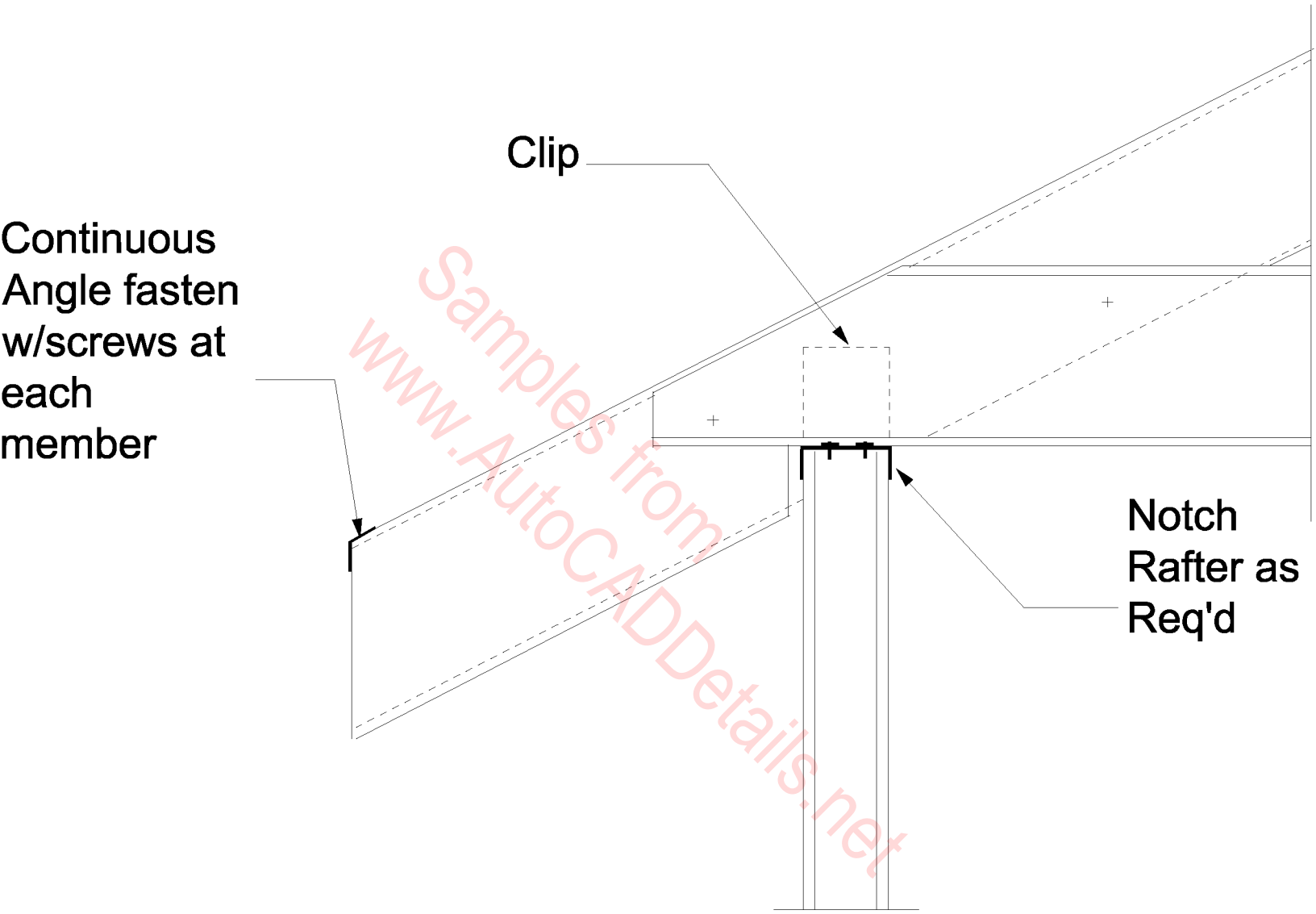
RAFTER EAVE DETAIL



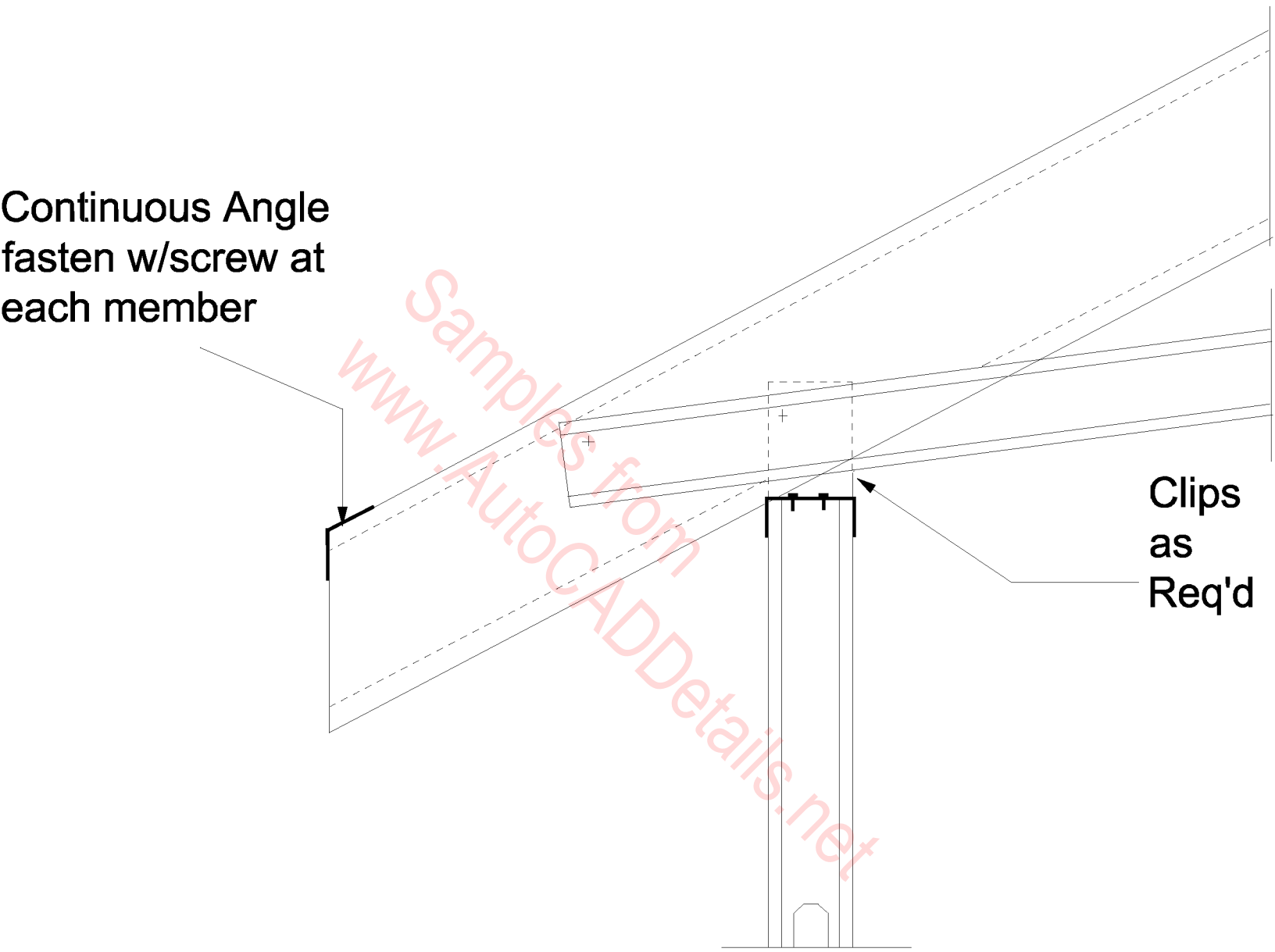
RAFTER EAVE DETAIL



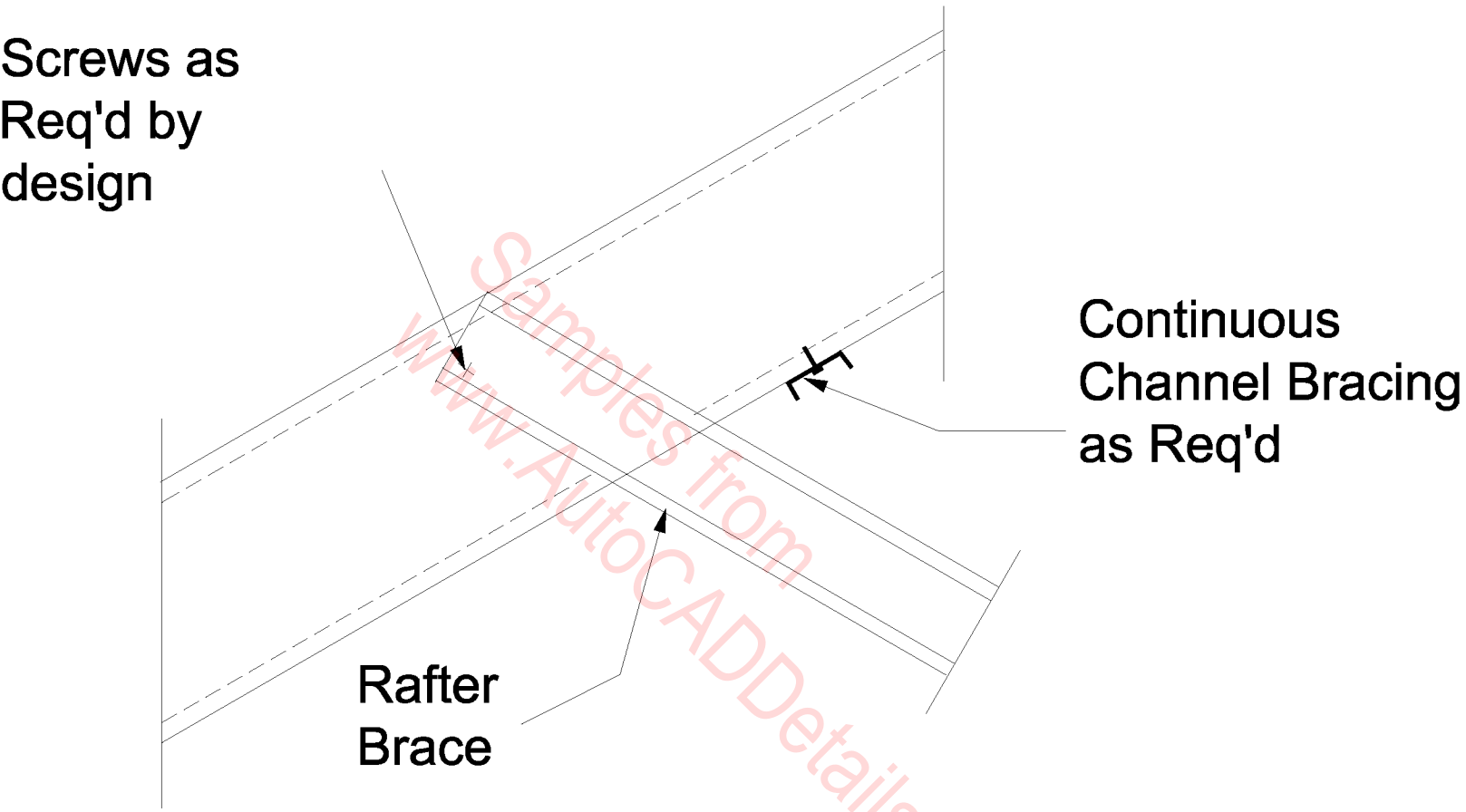
RAFTER EAVE DETAIL



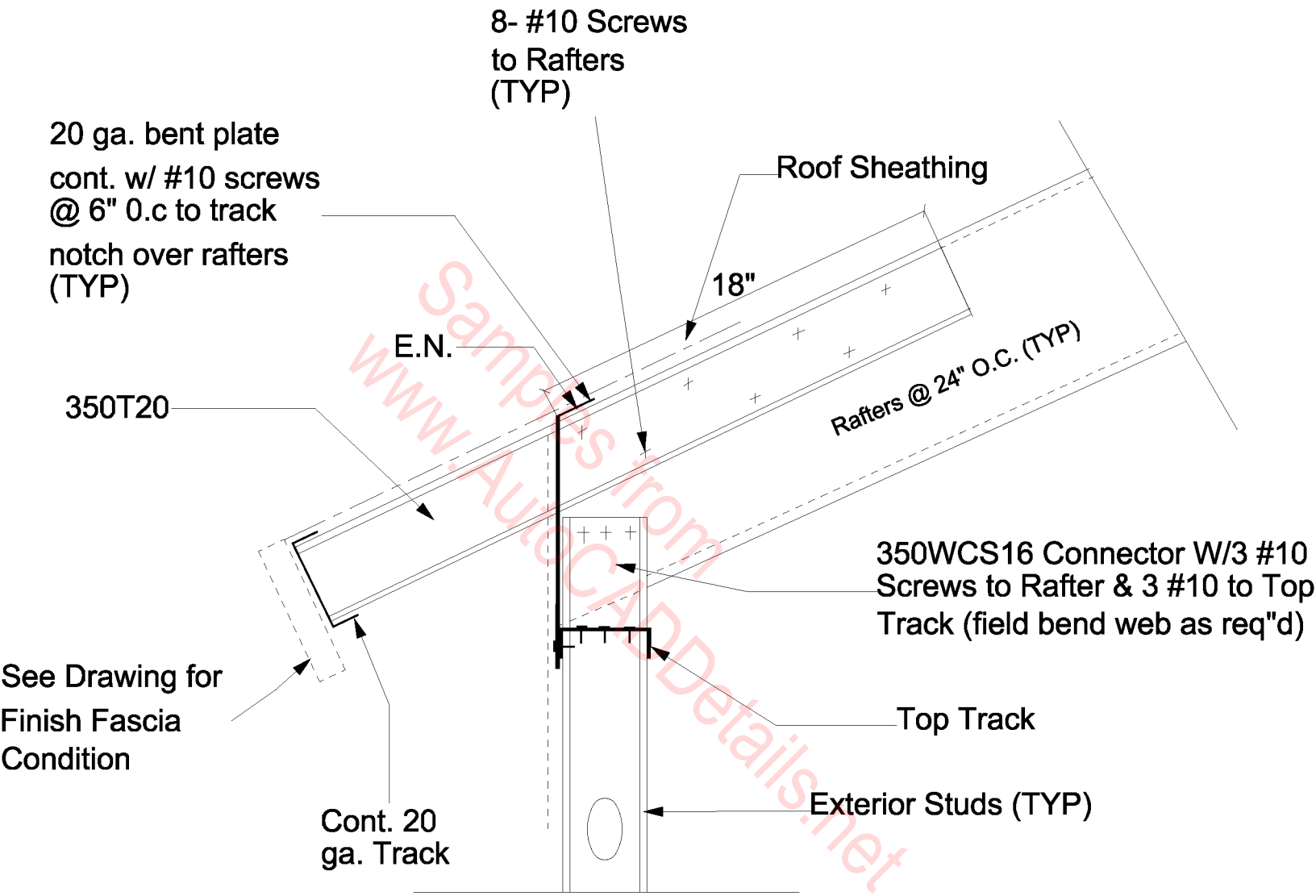
EAVE RAFTER DETAIL



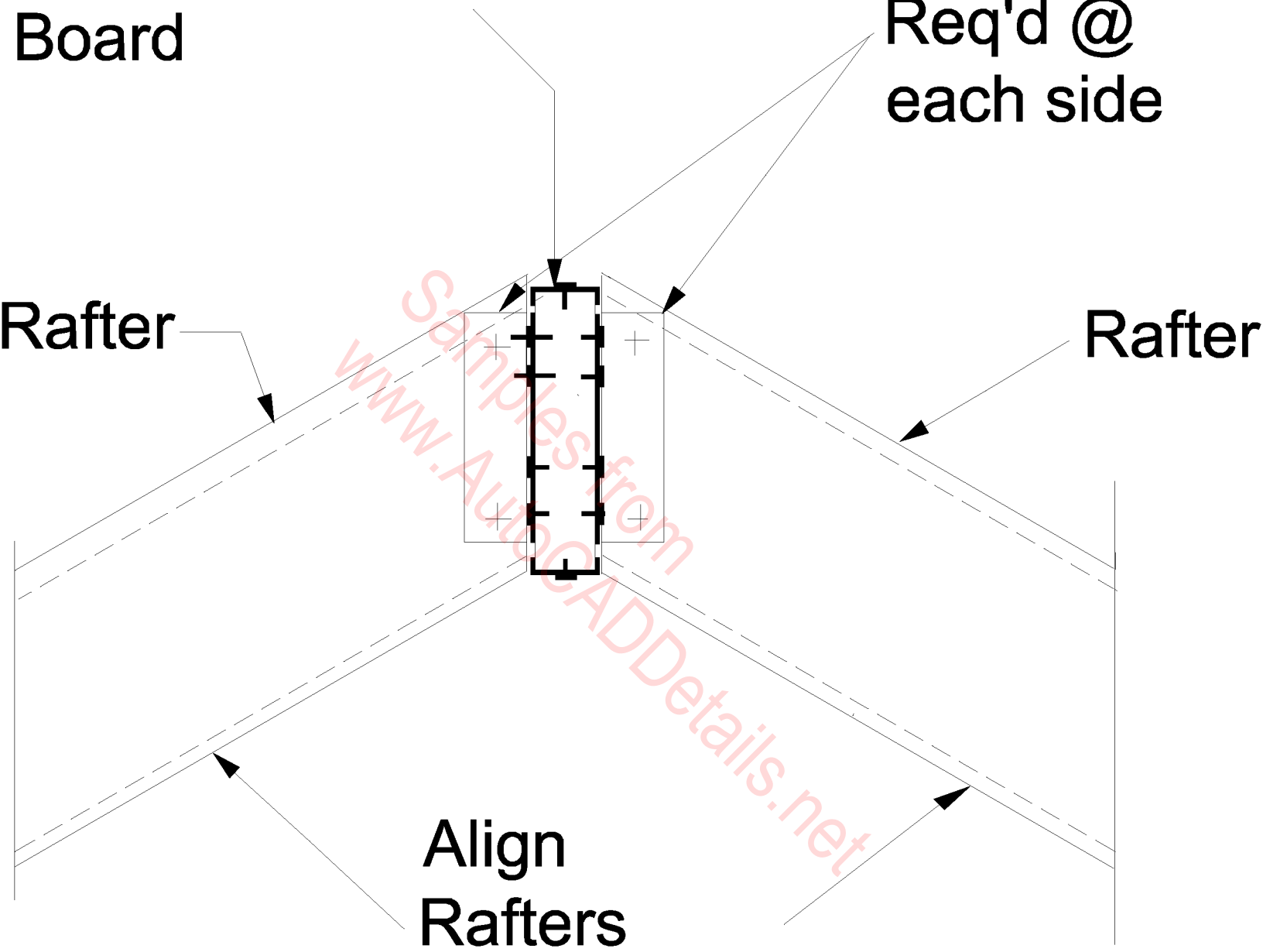
RAFTER EAVE DETAIL



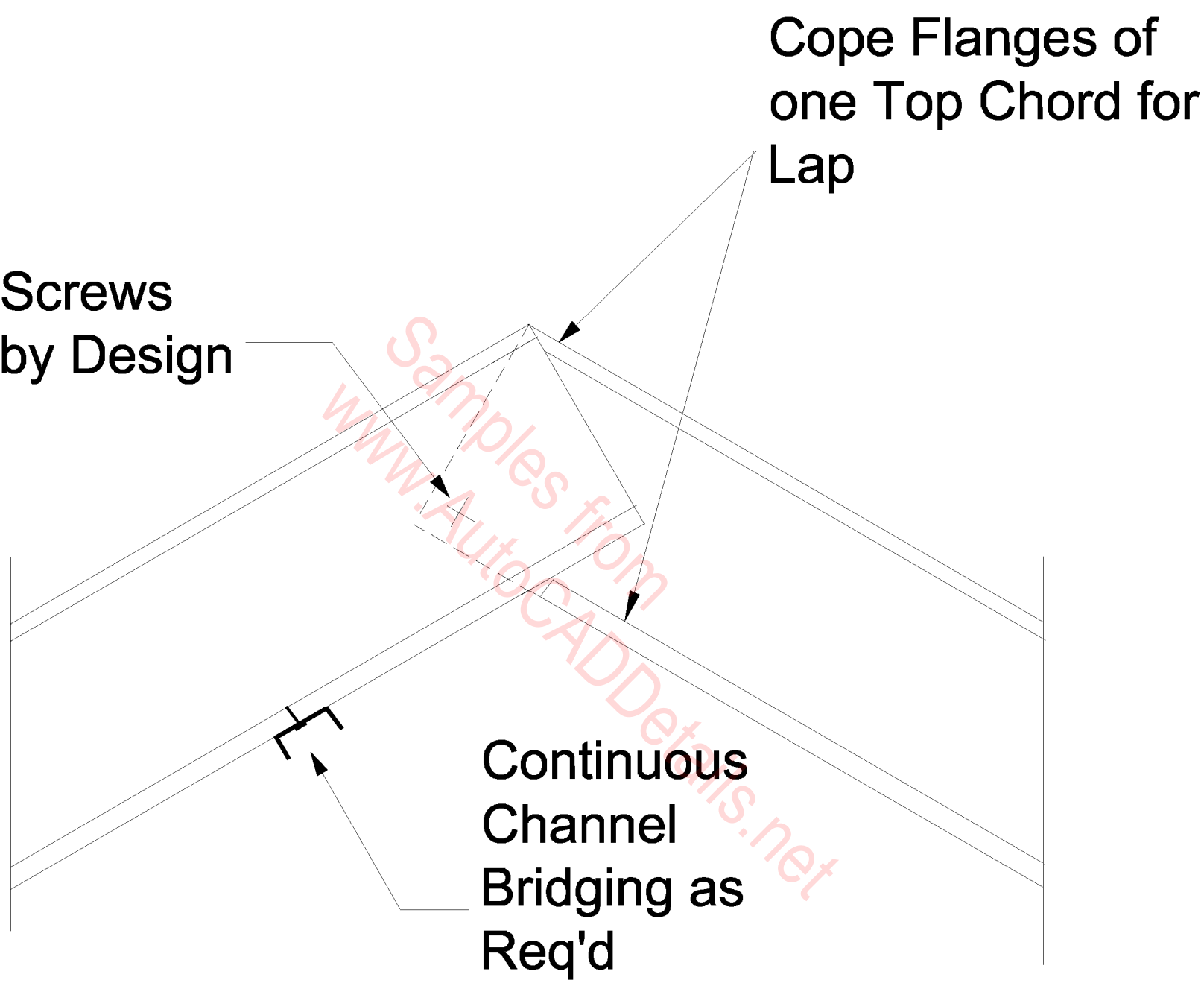
RAFTER TO DIAGONAL BRACE DETAIL



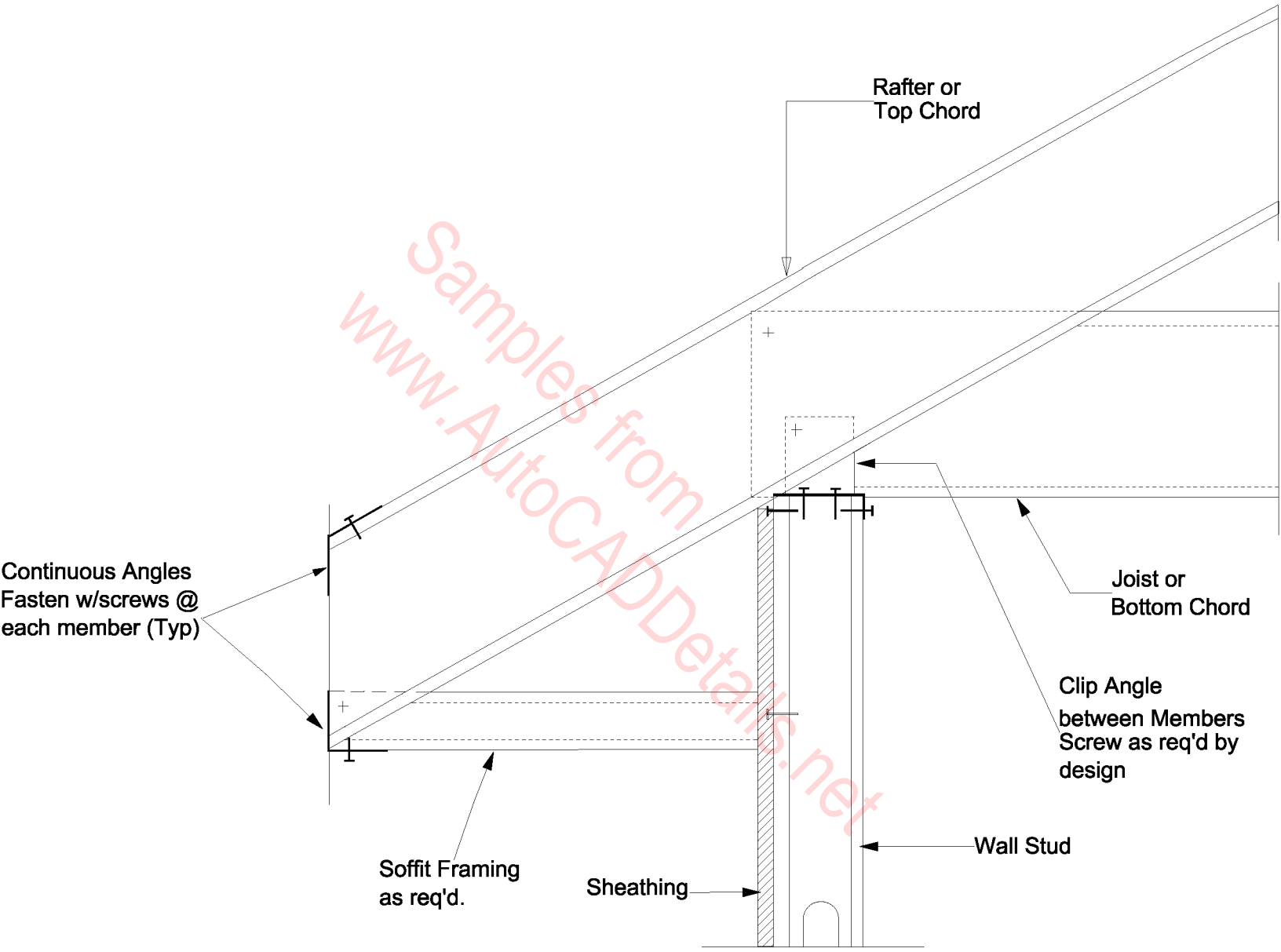
RAFTER WITH REDUCED SIZE OVERHANG



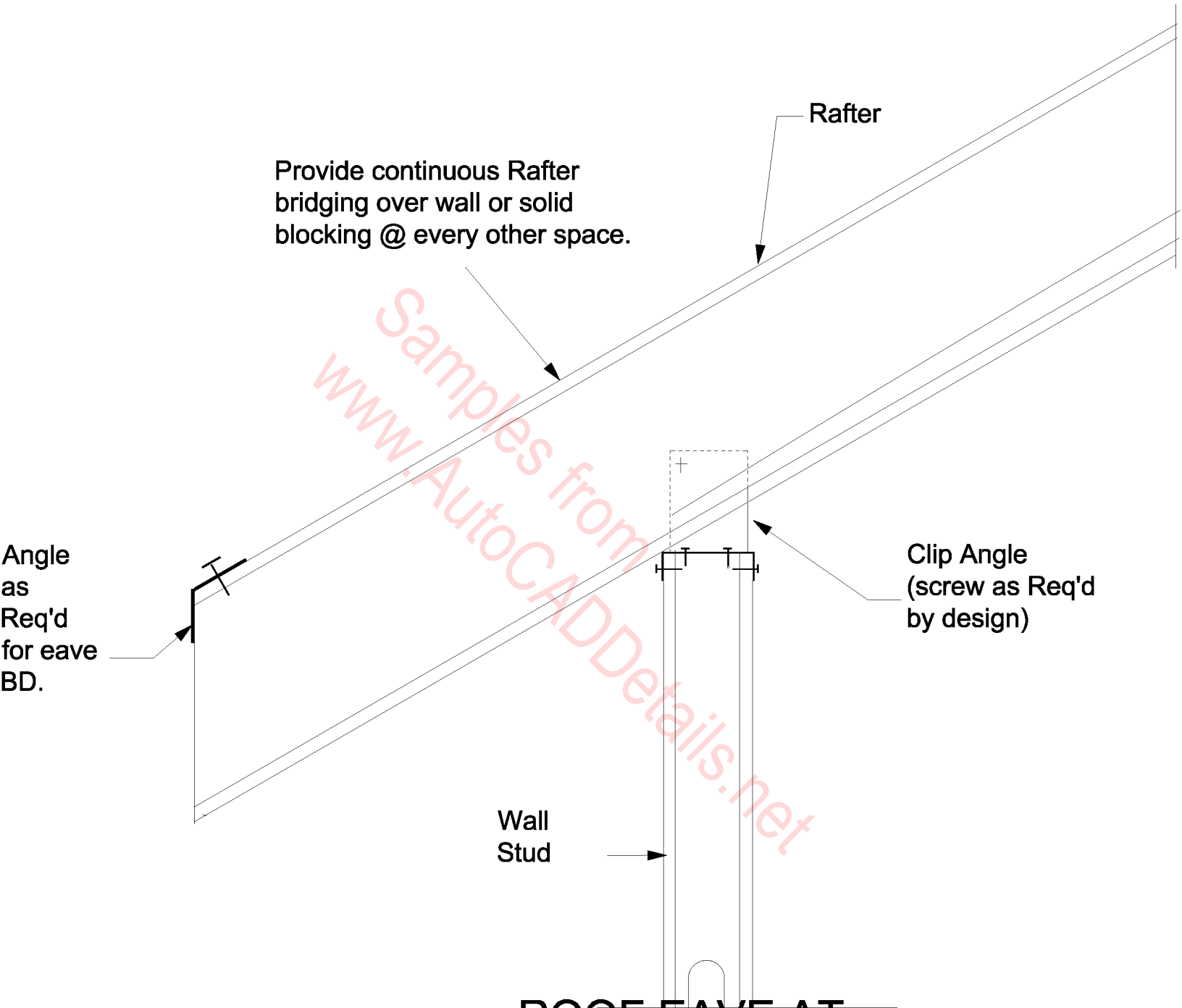
RAFTER BOARD DETAIL



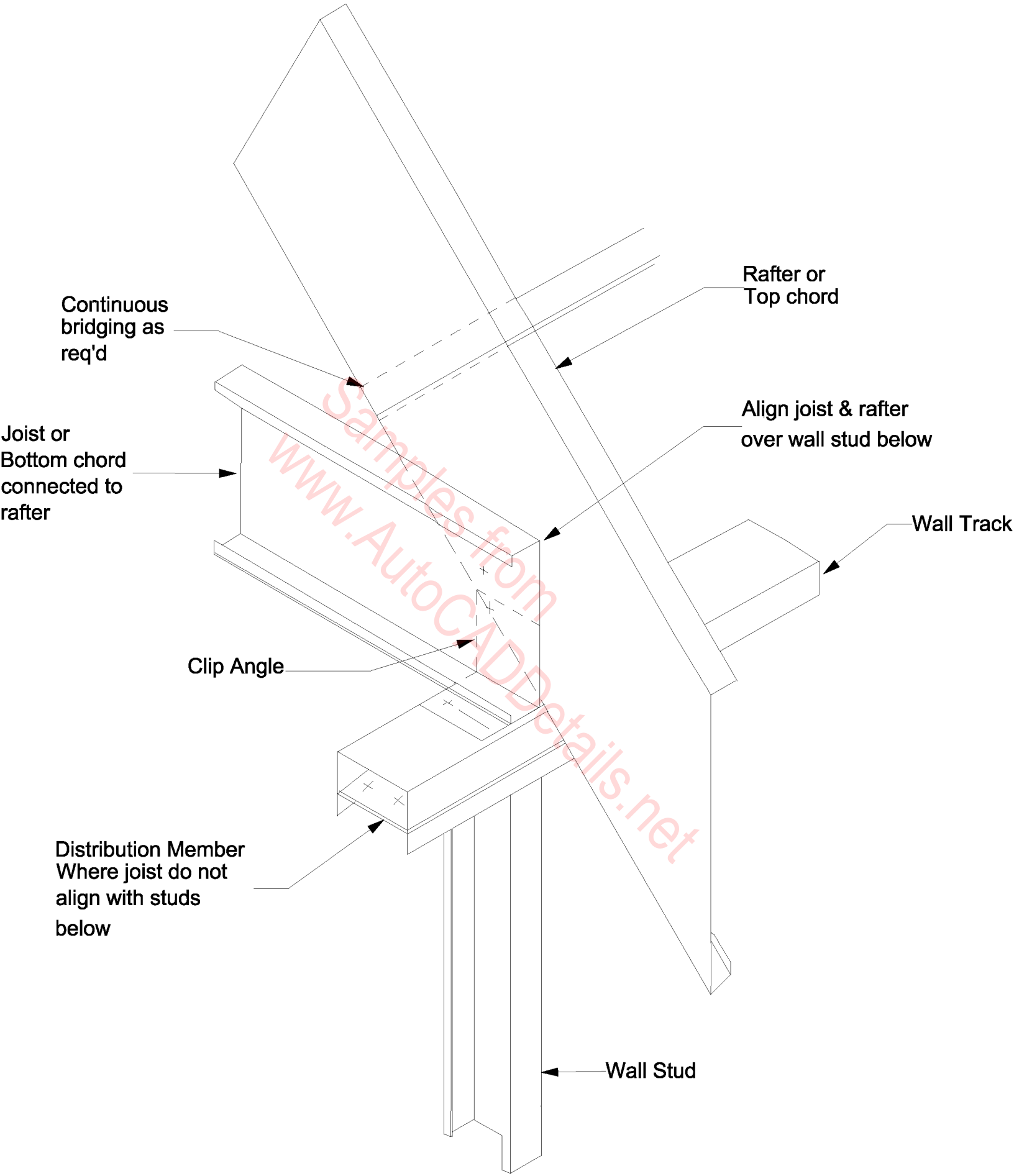
RIDGE DETAIL



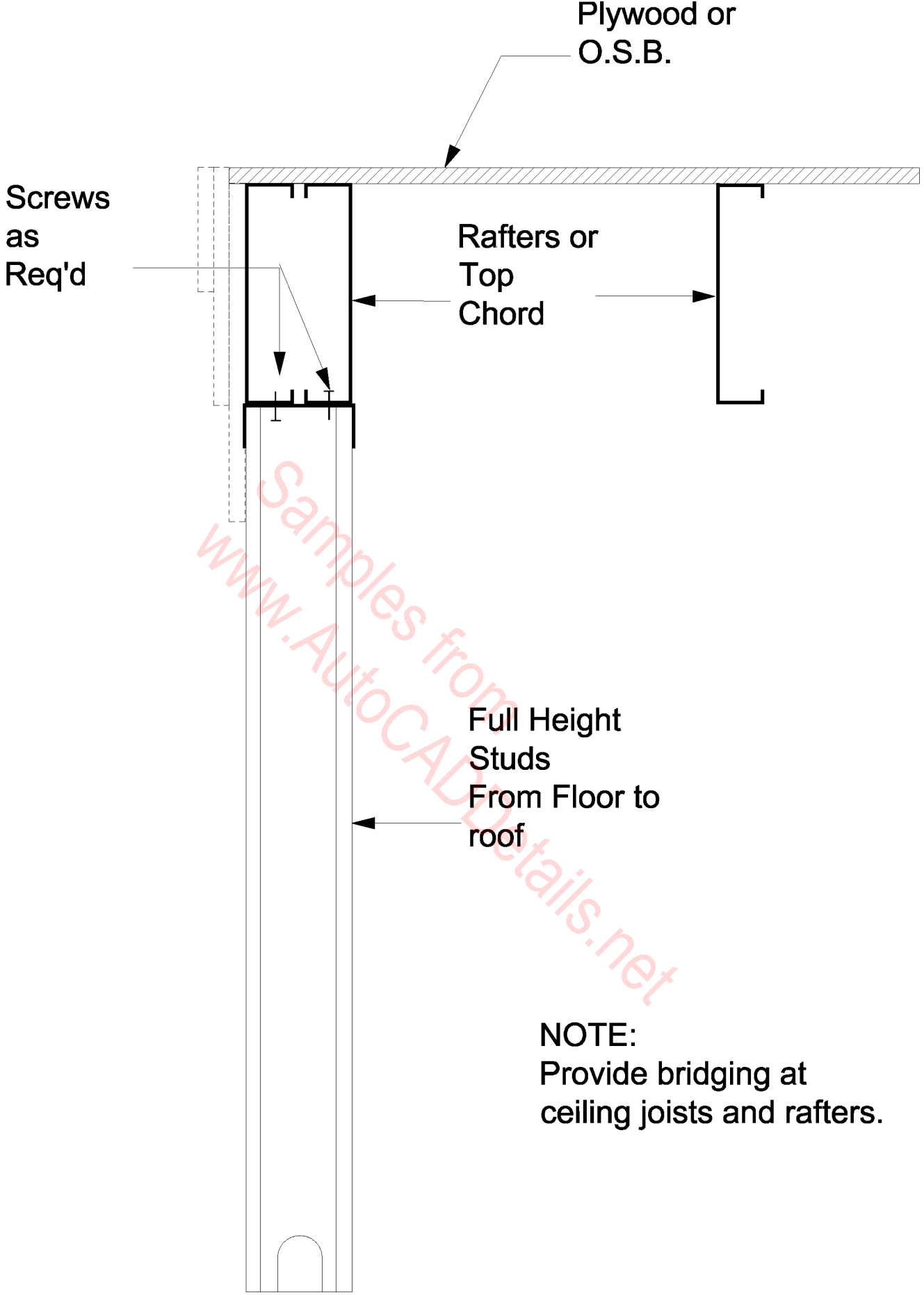
ROOF EAVE AND SOFFIT



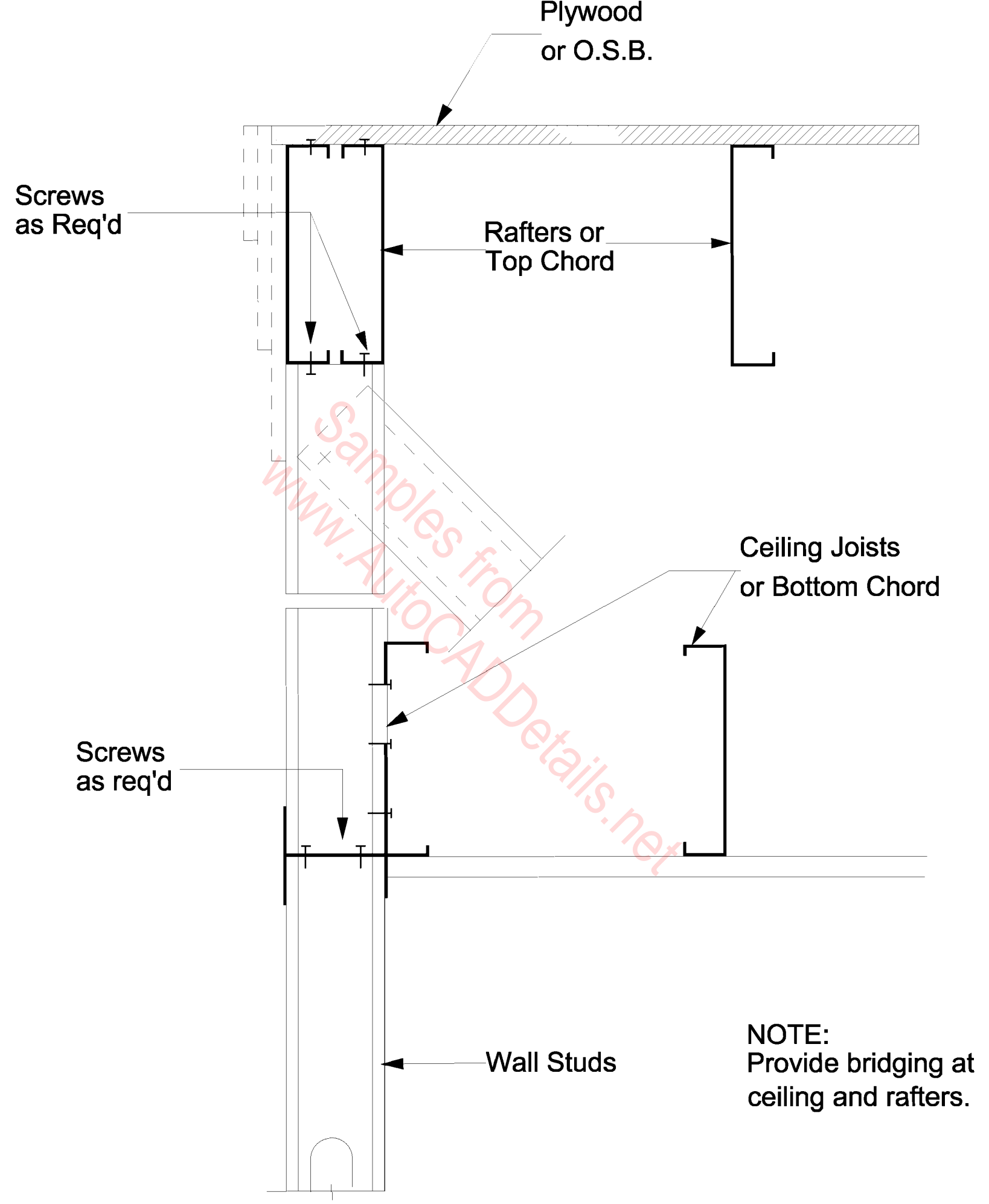
ROOF EAVE AT CATHEDRAL CEILING



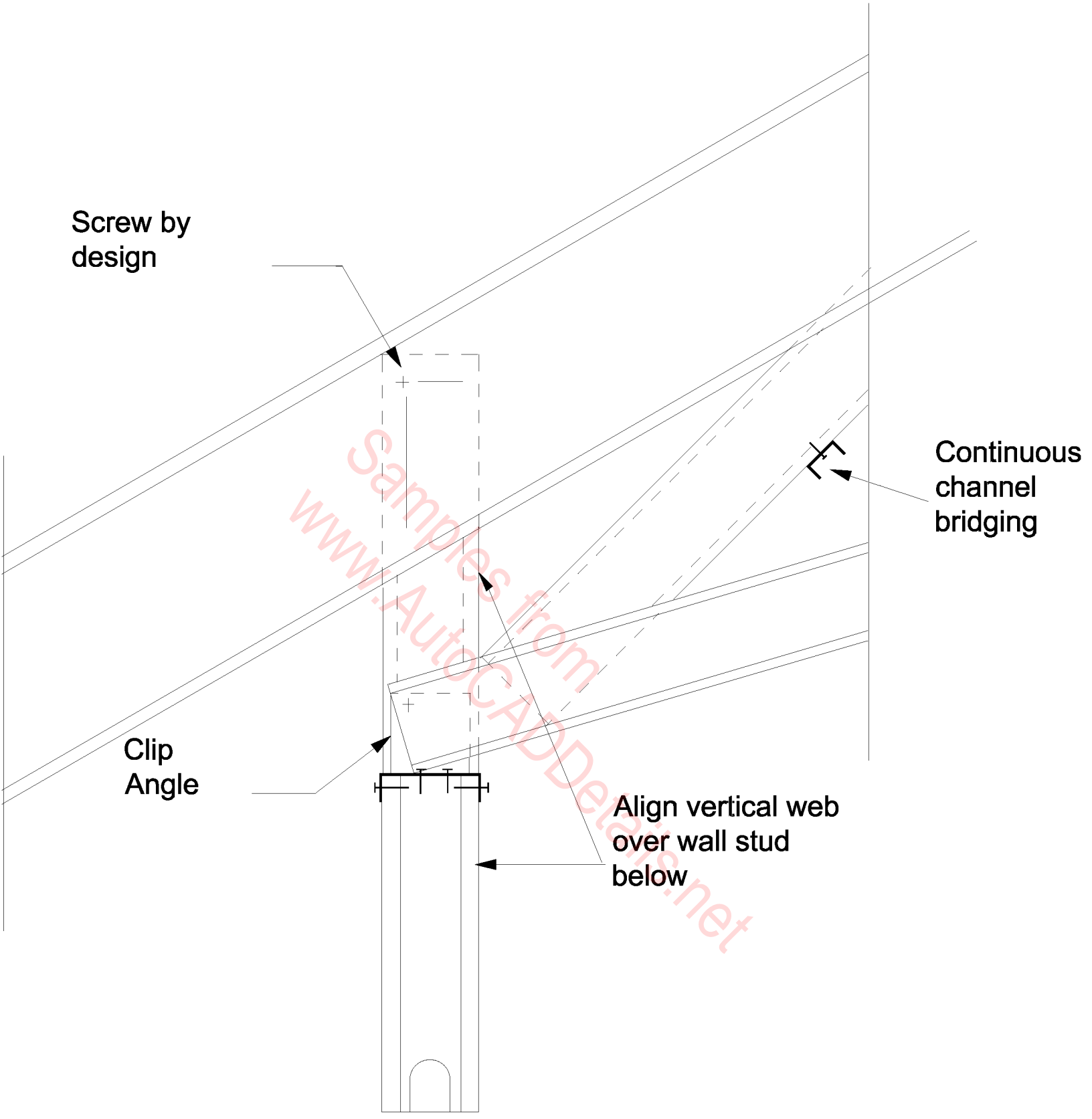
ROOF EAVE



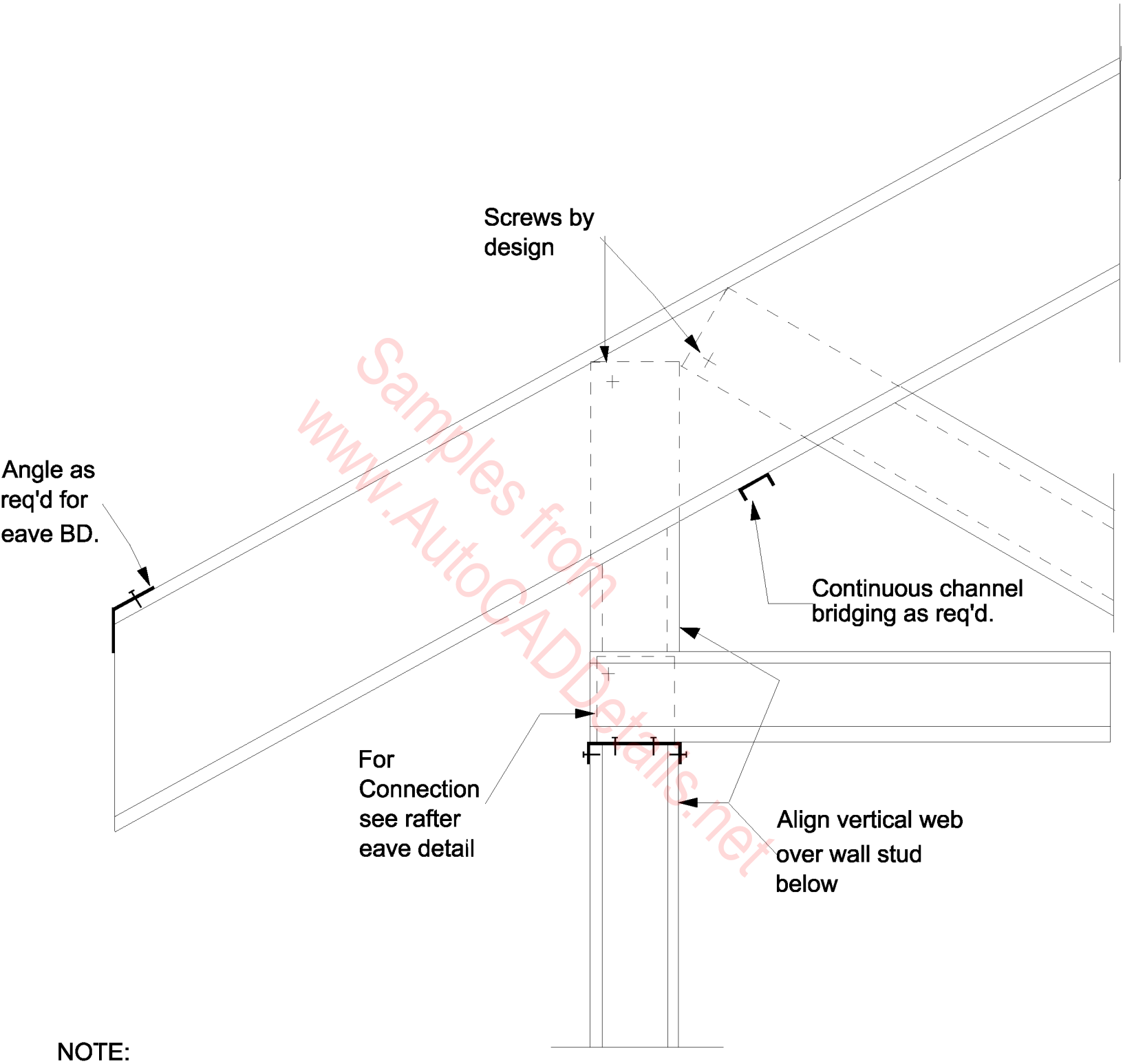
ROOF GABLE END AT CATHEDRAL



ROOF GABLE END

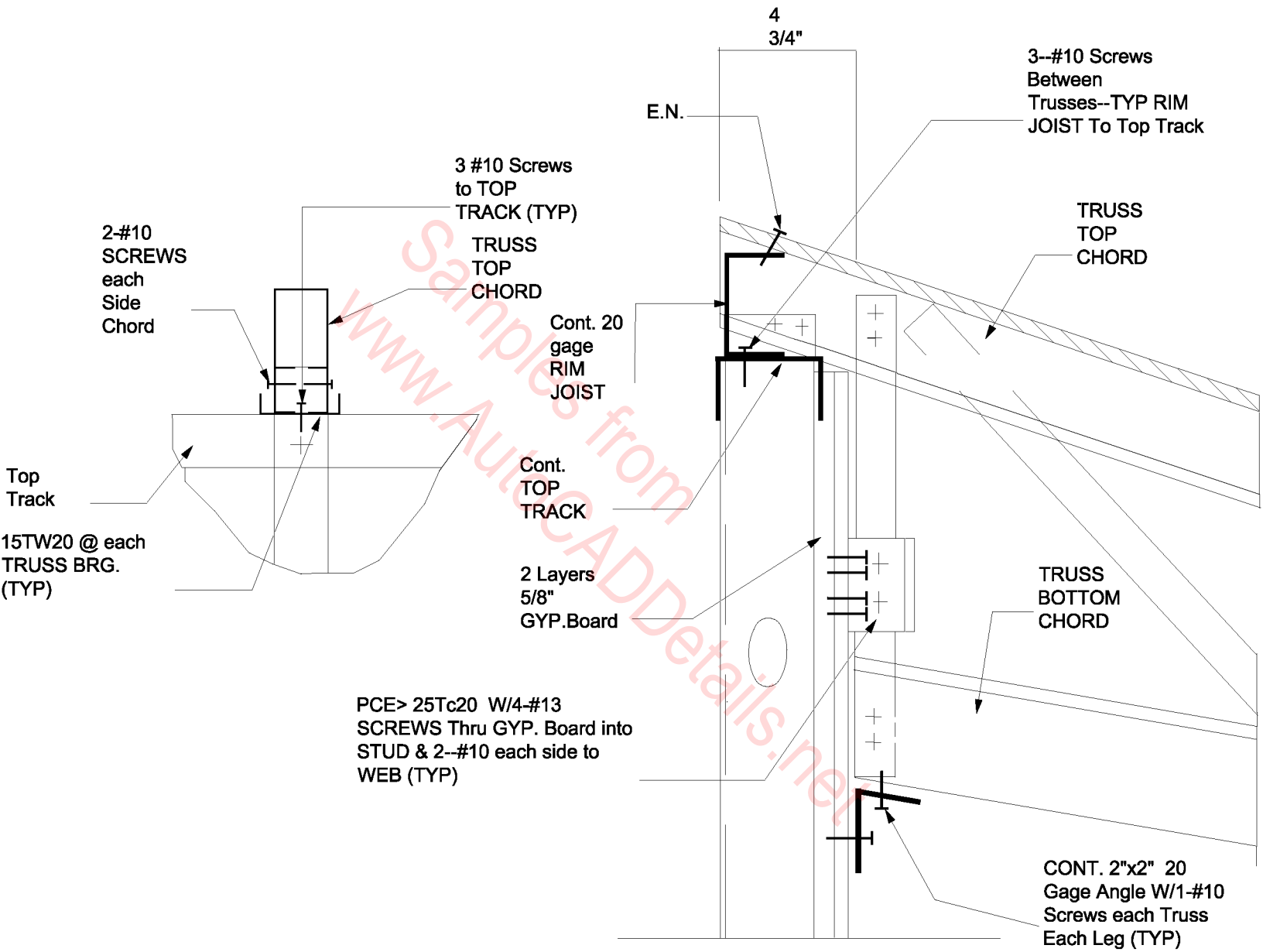


ROOF SCISSORS TRUSS BEARING

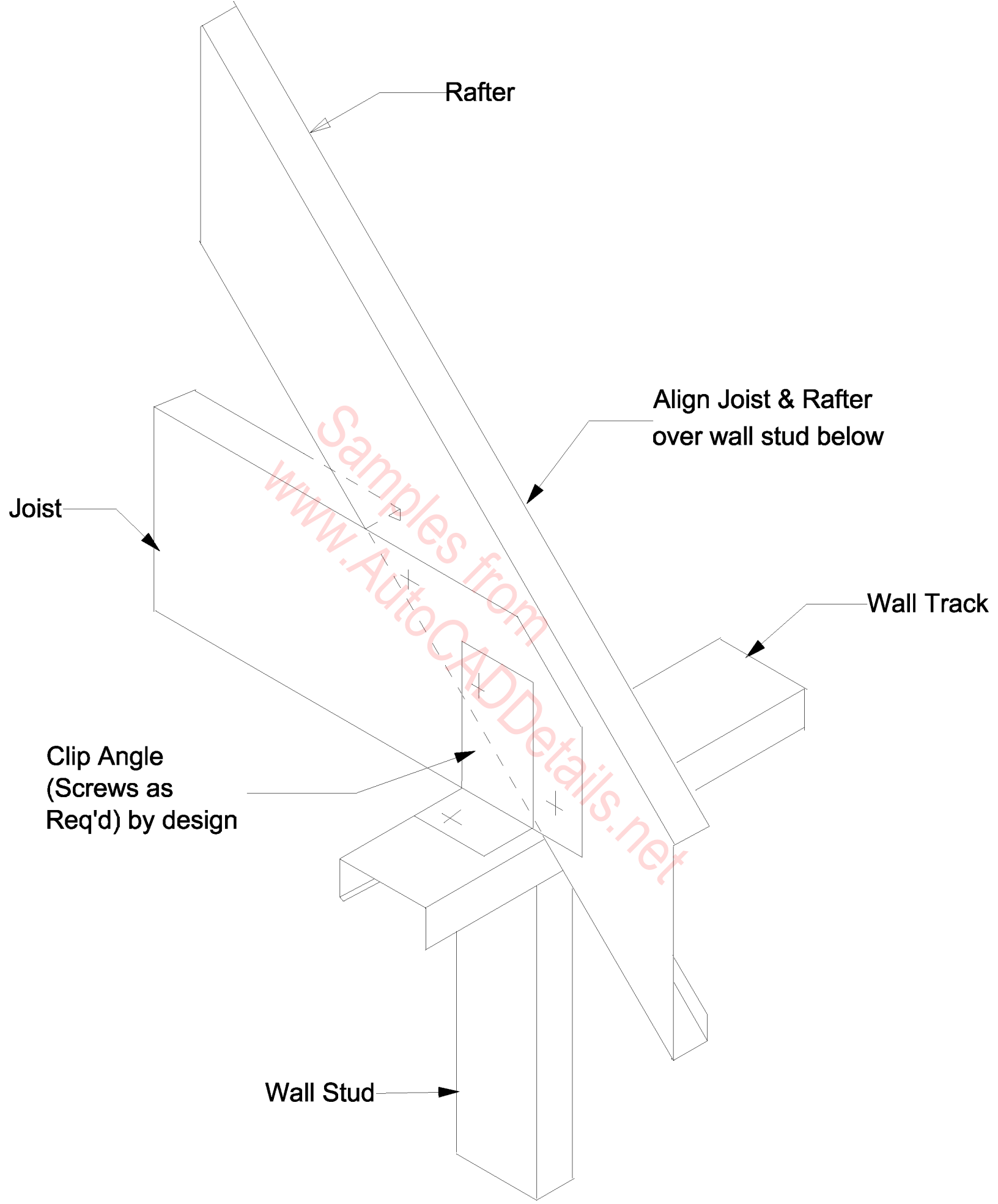


NOTE:
Where axial load bearing members do not align vertically, provide detail.

ROOF TRUSS BEARING

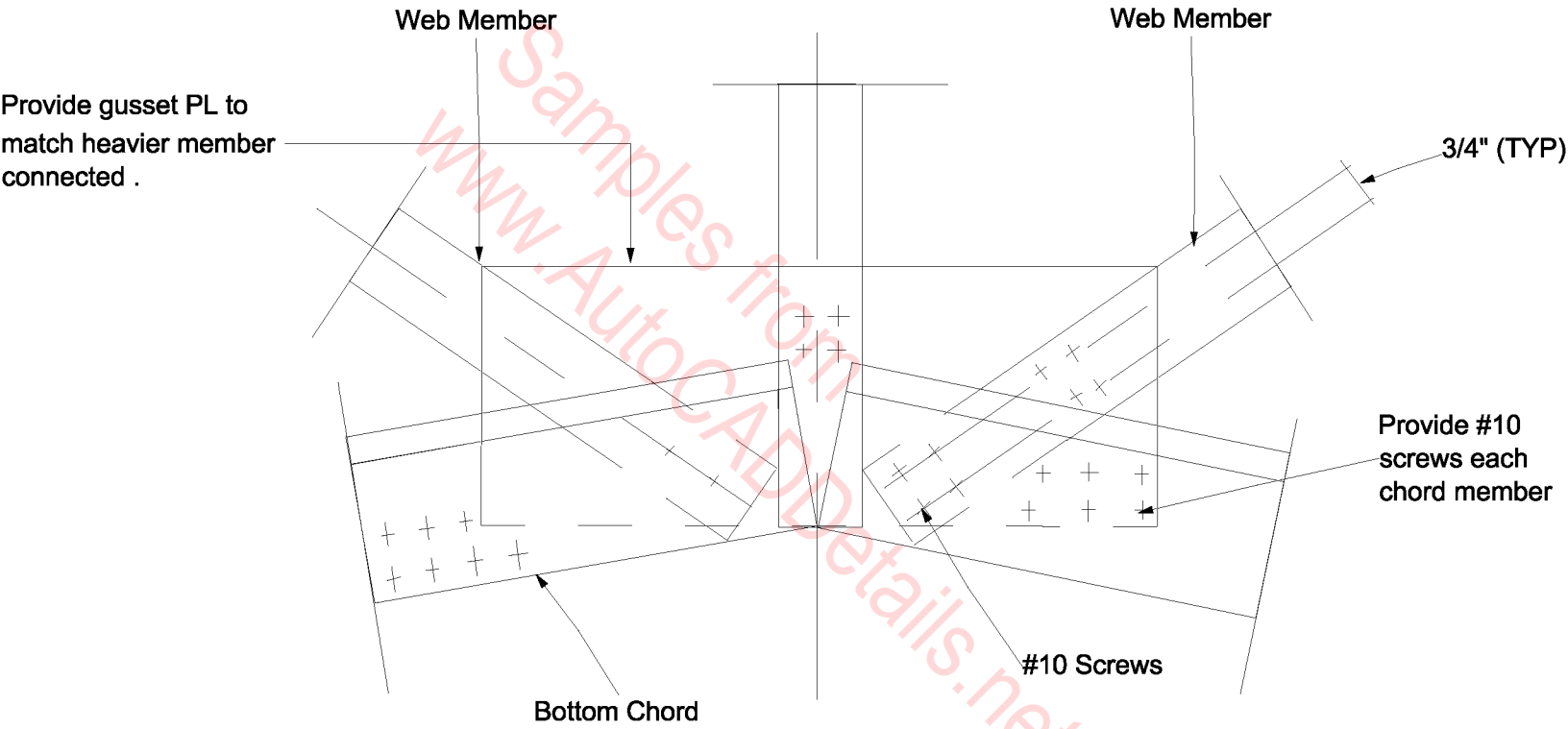


ROOF TRUSS CONNECTION AT PART WALL



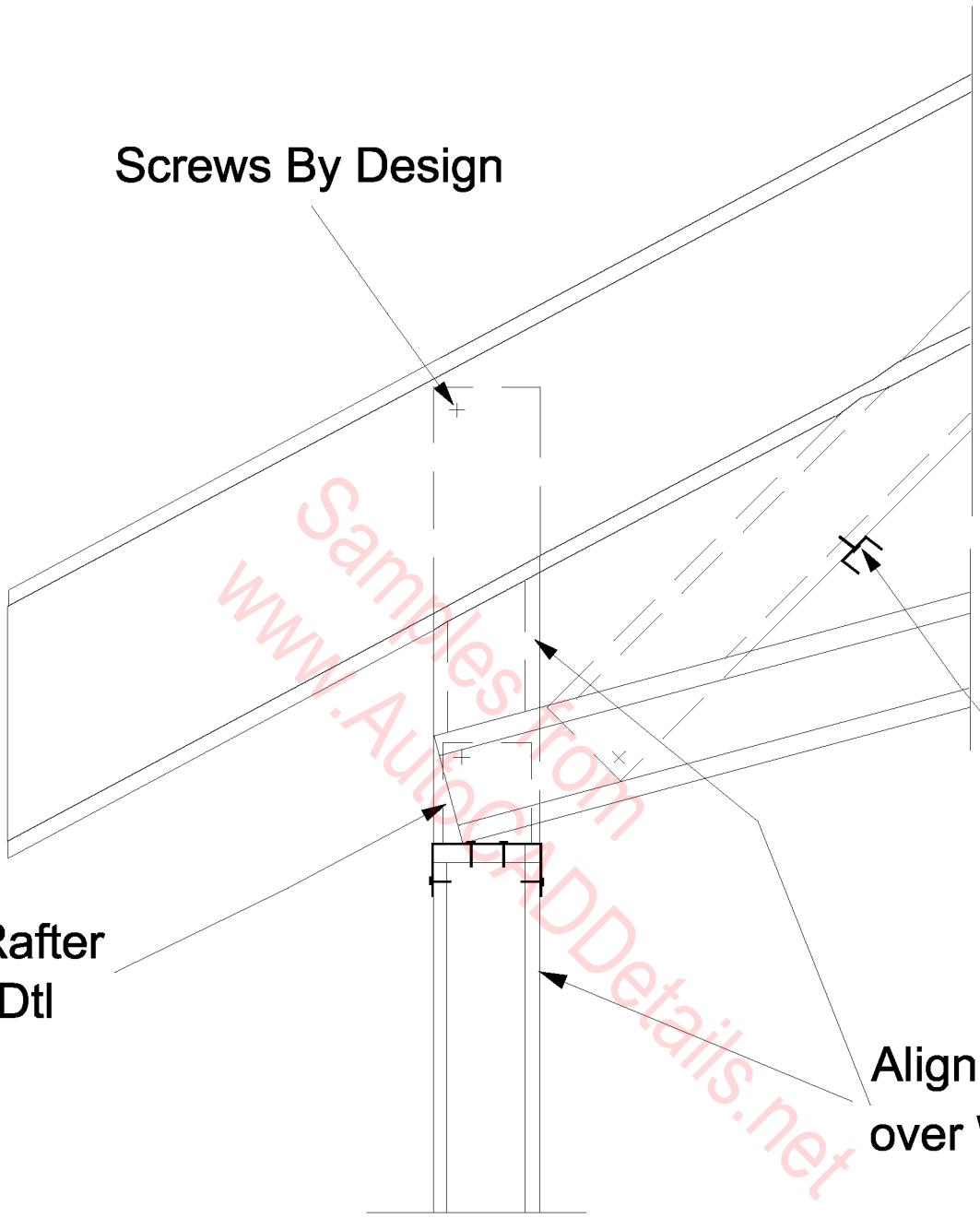
ROOF TRUSS EAVE

NOTE:
FOR TRUSS MEMBER
SECTION DETAIL



DETAIL AT BOTTOM CHORD

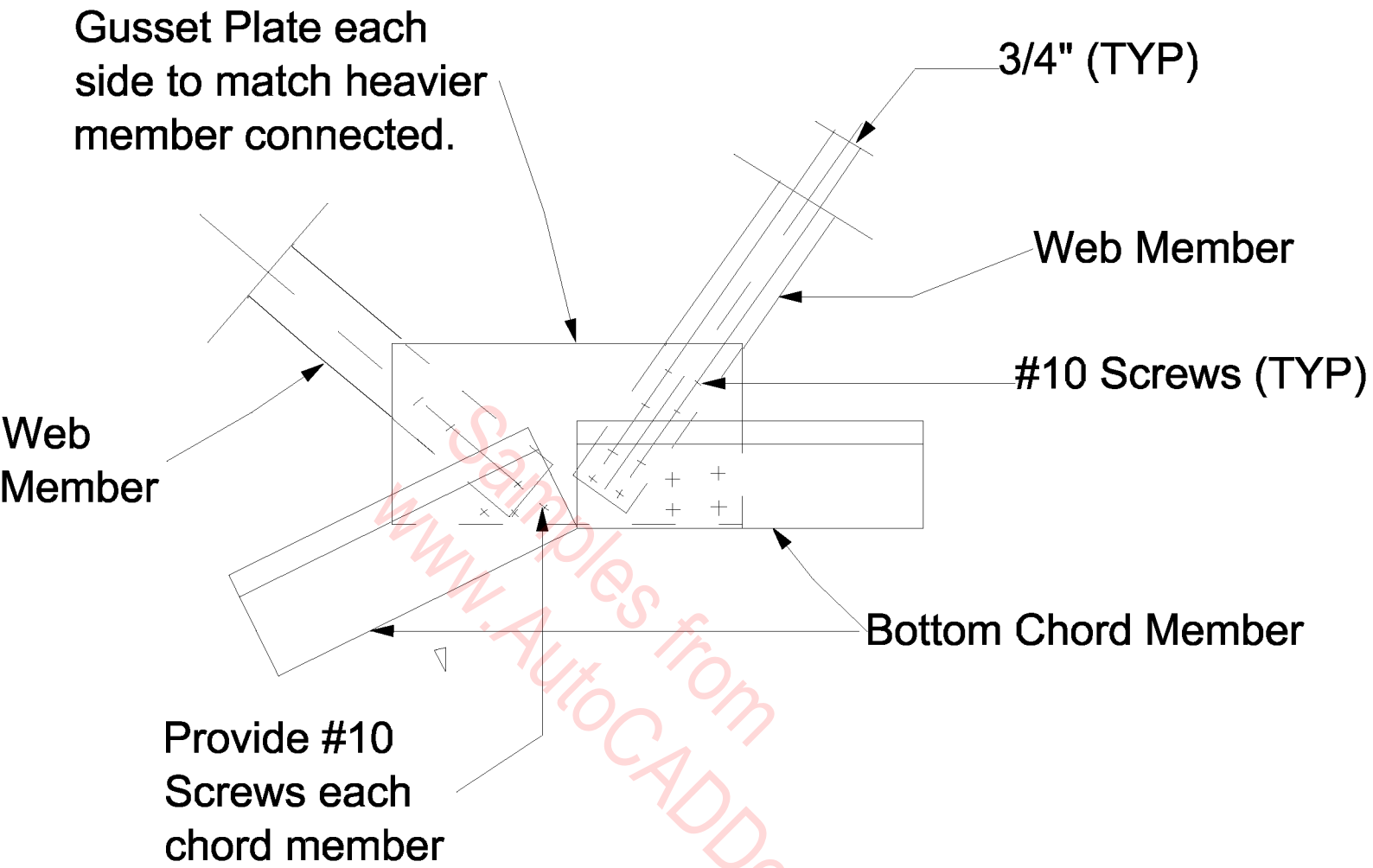
SCISSORS TRUSS BOTTOM CHORD DETAIL



NOTE:

Where axial load bearing members do not align vertically, provide detail

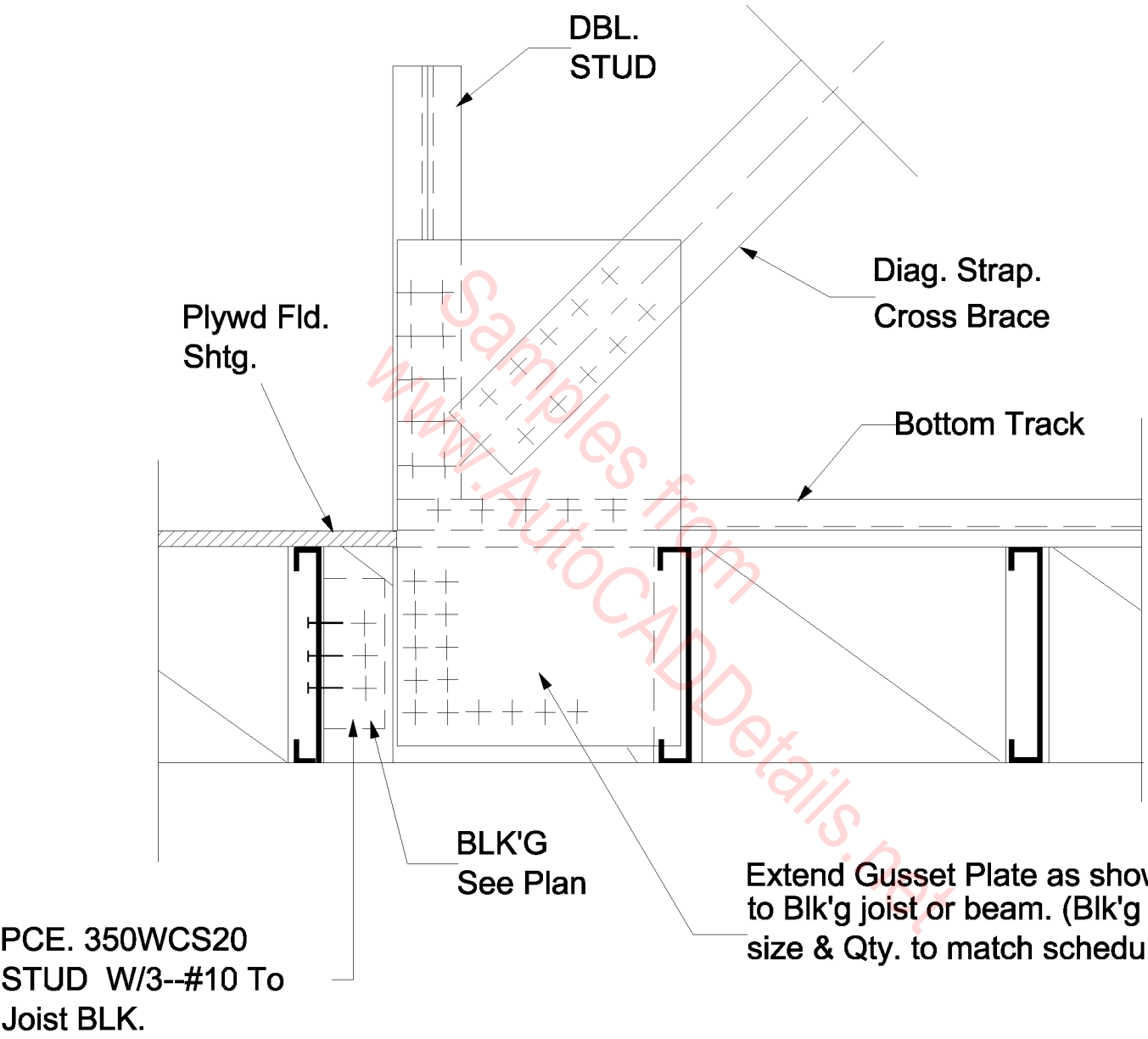
SCISSOR TRUSS END AT EXTERIOR WALL



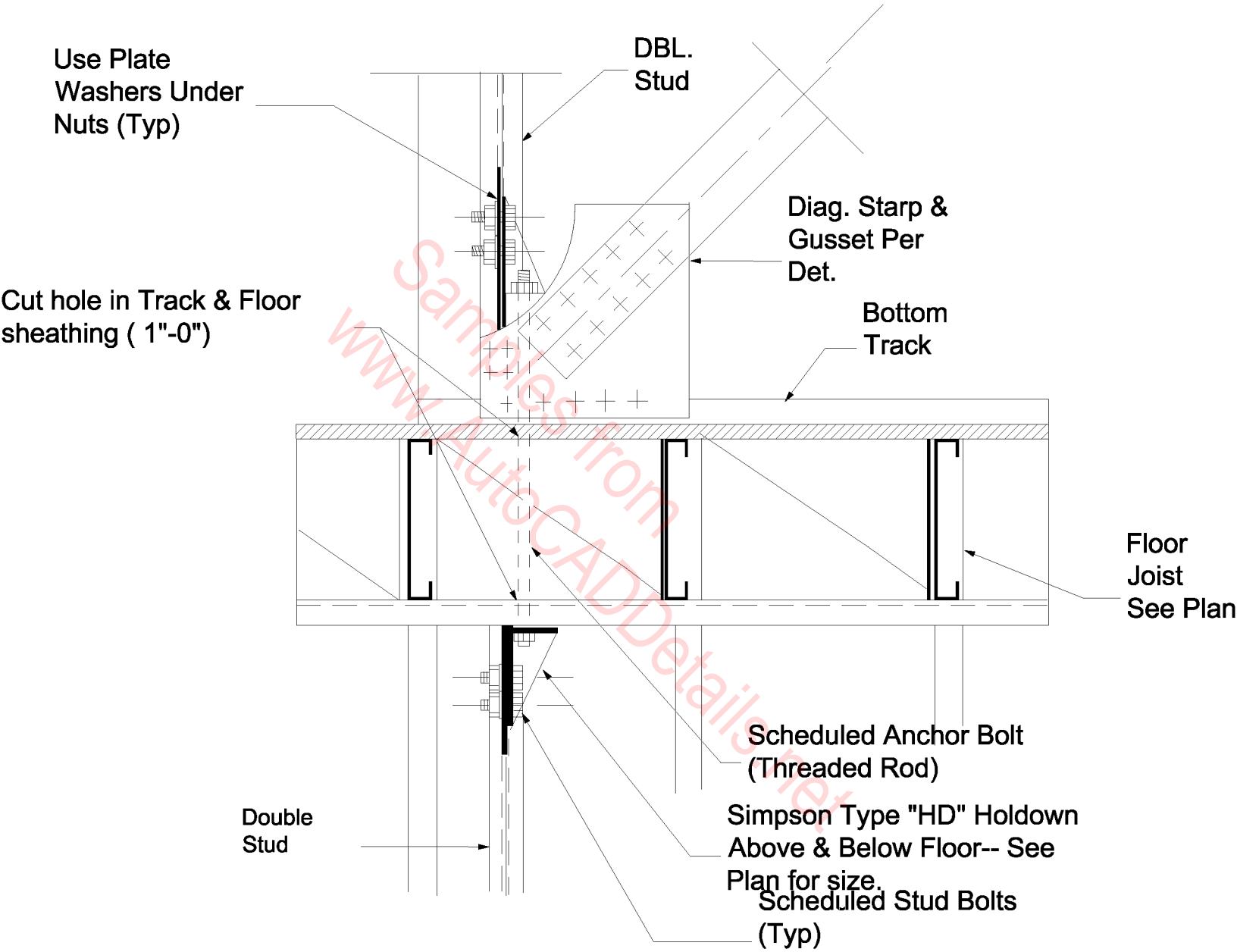
DETAIL AT BOTTOM CHORD

NOTE: Gusset plate may not be required if calculated number of screws can be directly applied to all joined webs through chord member.

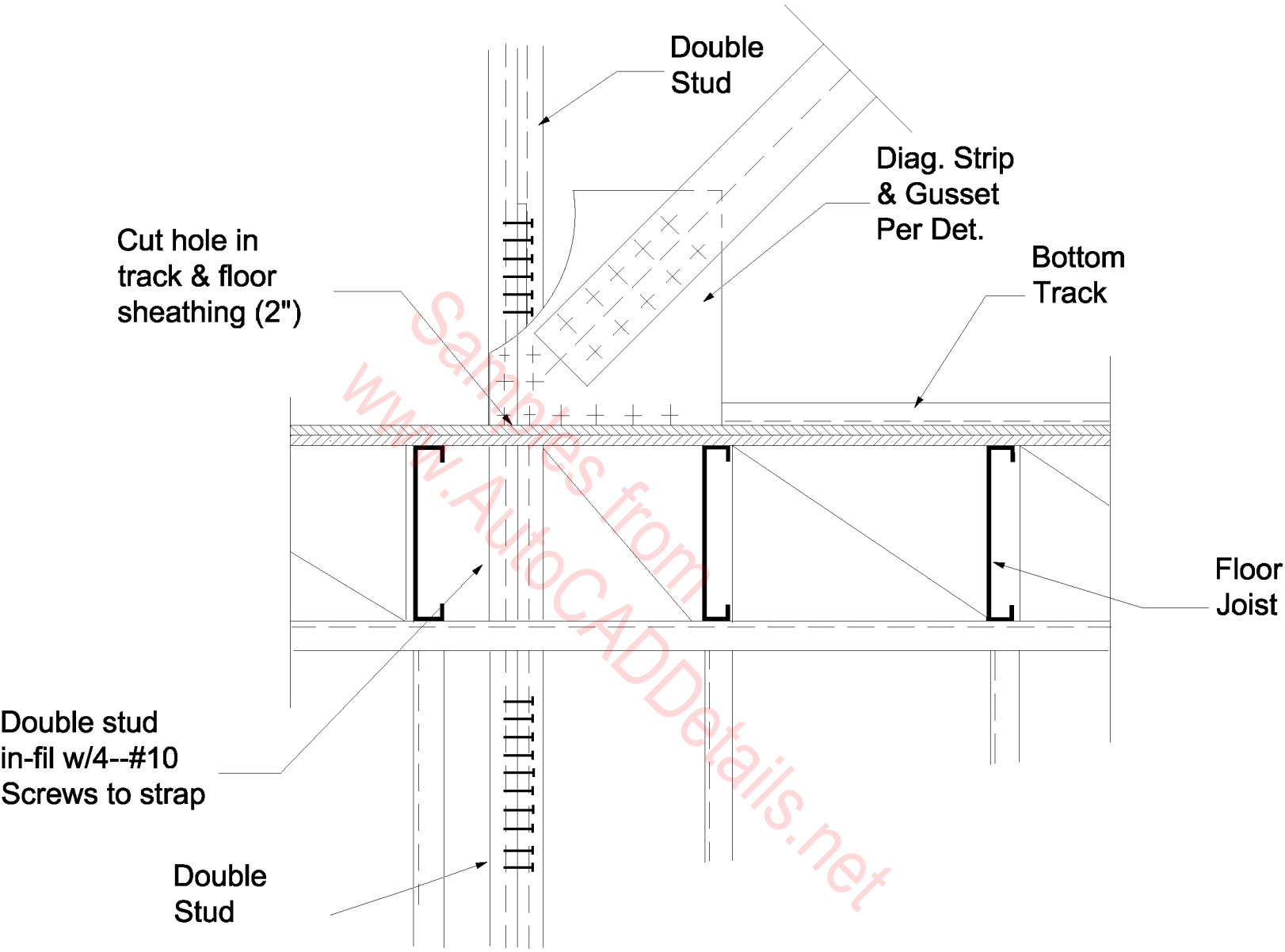
SCISSORS TRUSS WITH CLIPPED CEILING DETAIL



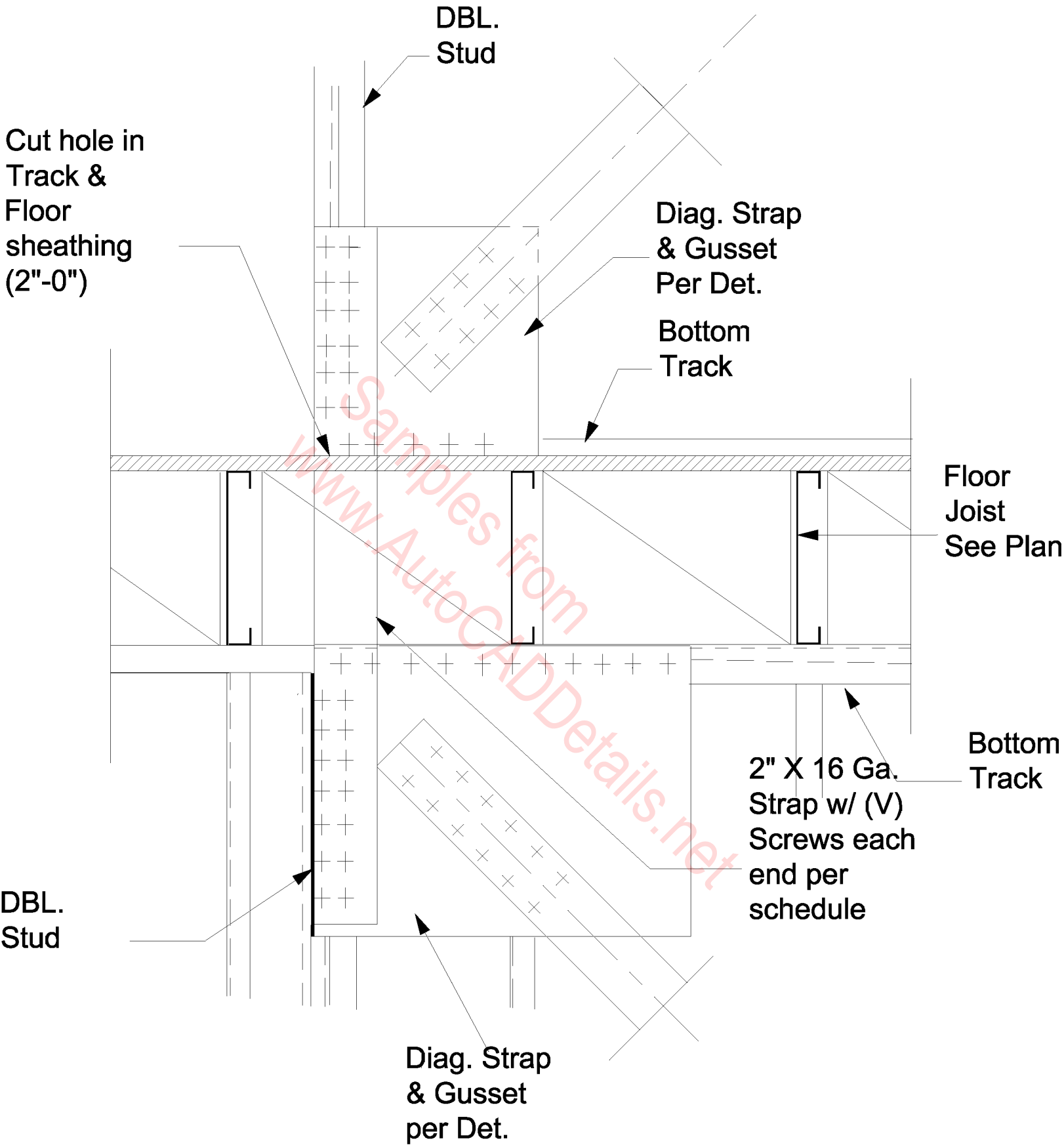
SECOND FLOOR SHEAR
HOLDOWN TO FLOOR JOIST



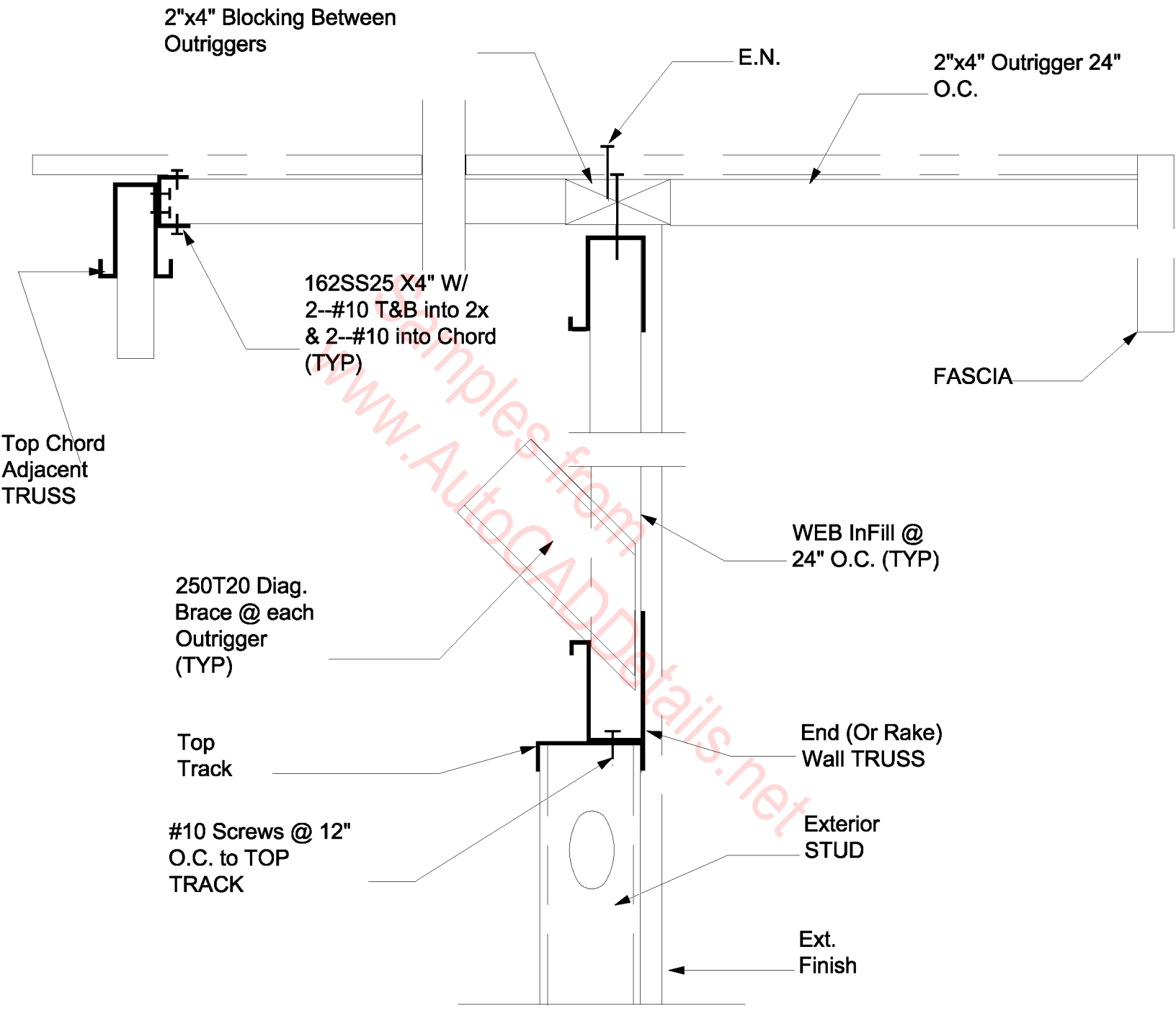
SECOND FLOOR SHEAR WALL HOLDOWN DETAIL



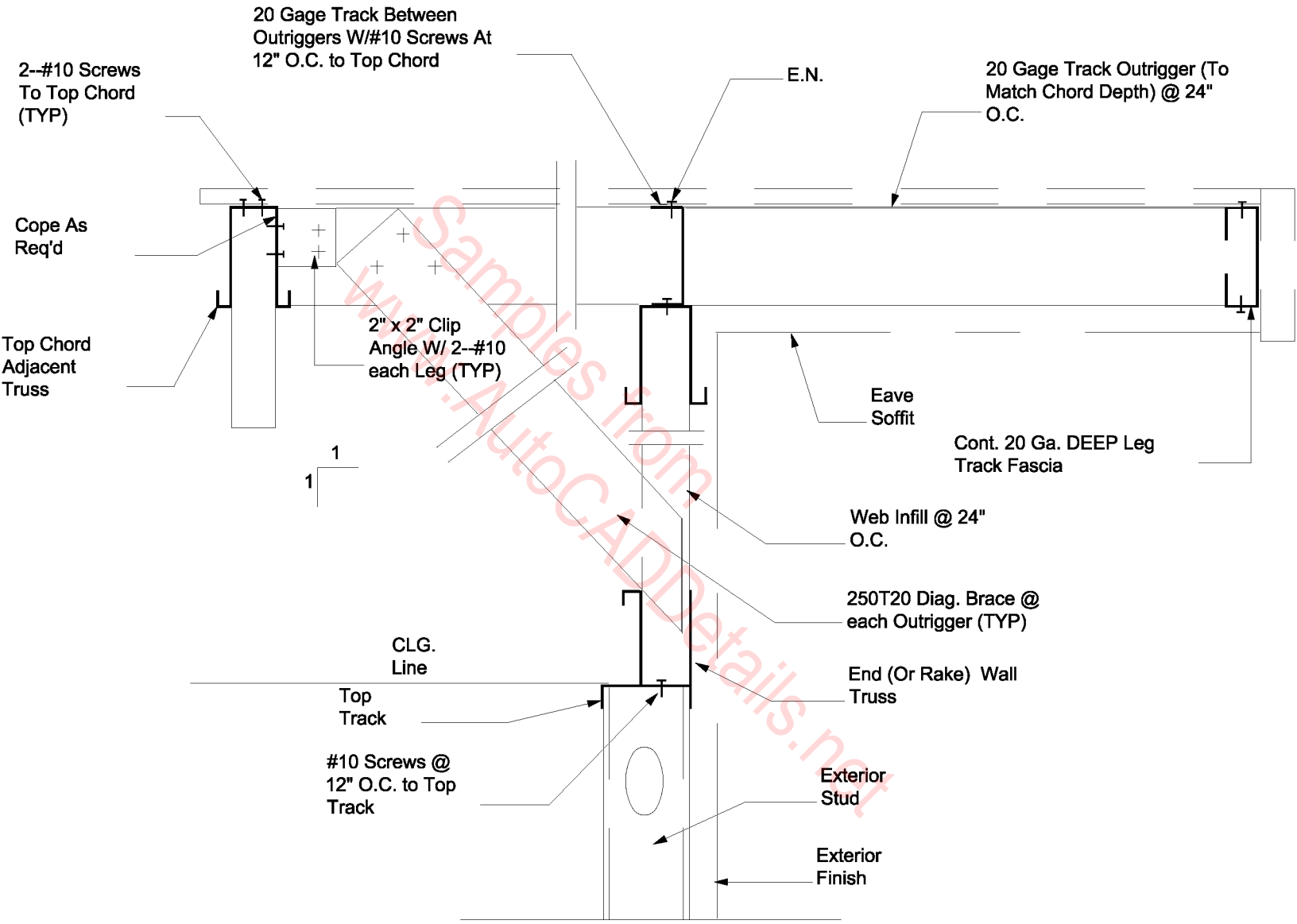
SECOND FLOOR SHEAR WALL STRAP TIE HOLDOWN DETAIL



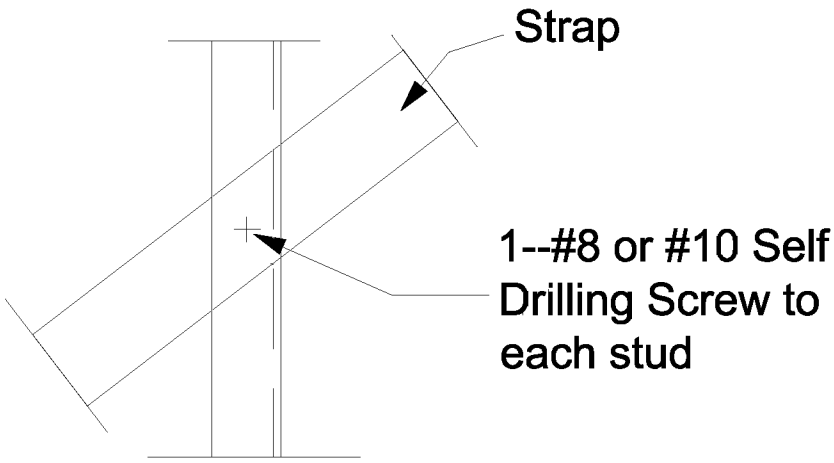
SECOND FLOOR SHEAR WALL STRAP TIE HOLDOWN DETAIL (ALTERNATE)



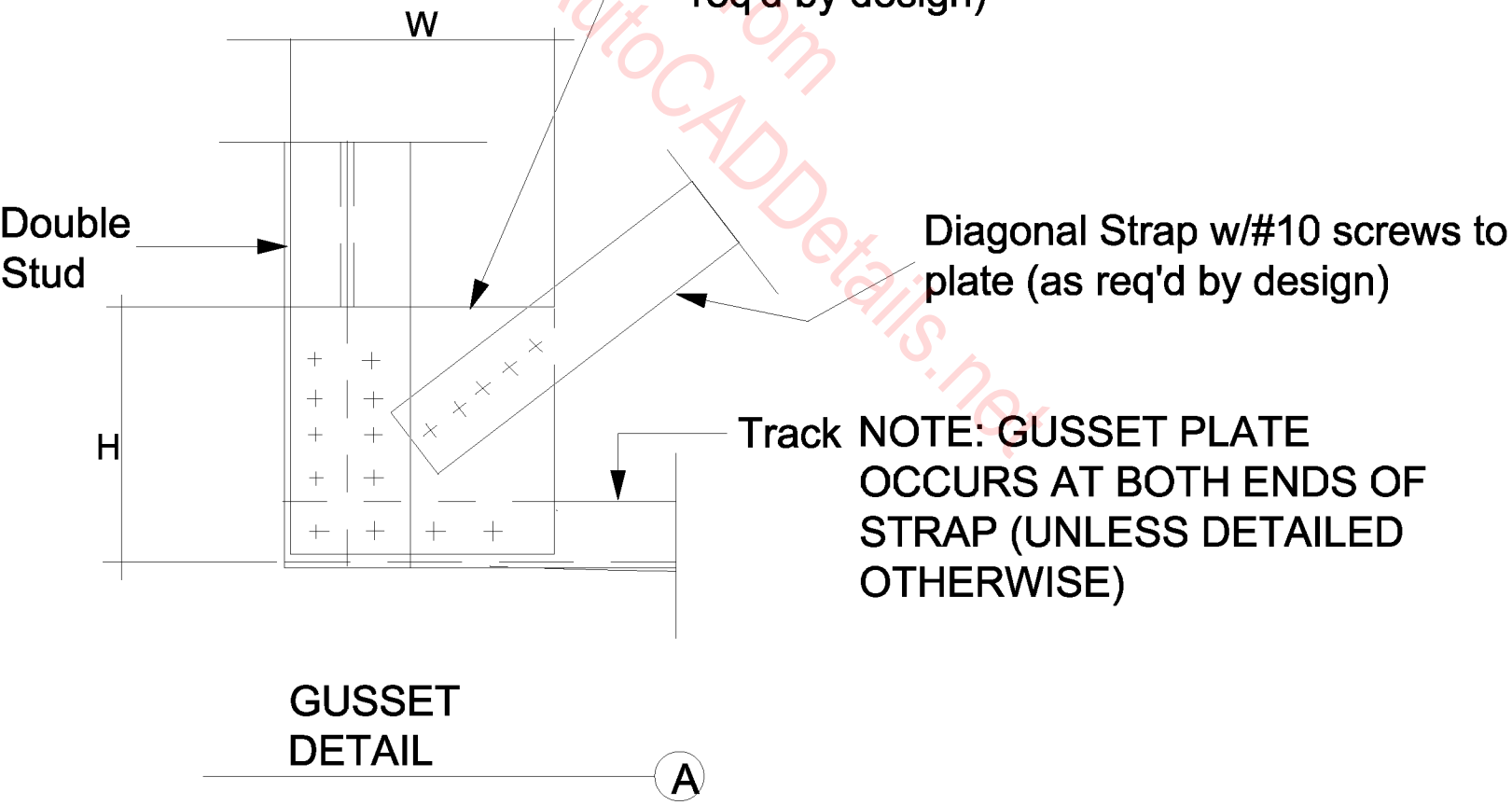
SECTION AT RAKE WALL TRUSS WITH WOOD OUTRIGGERS



SECTION AT RAKE WALL TRUSS

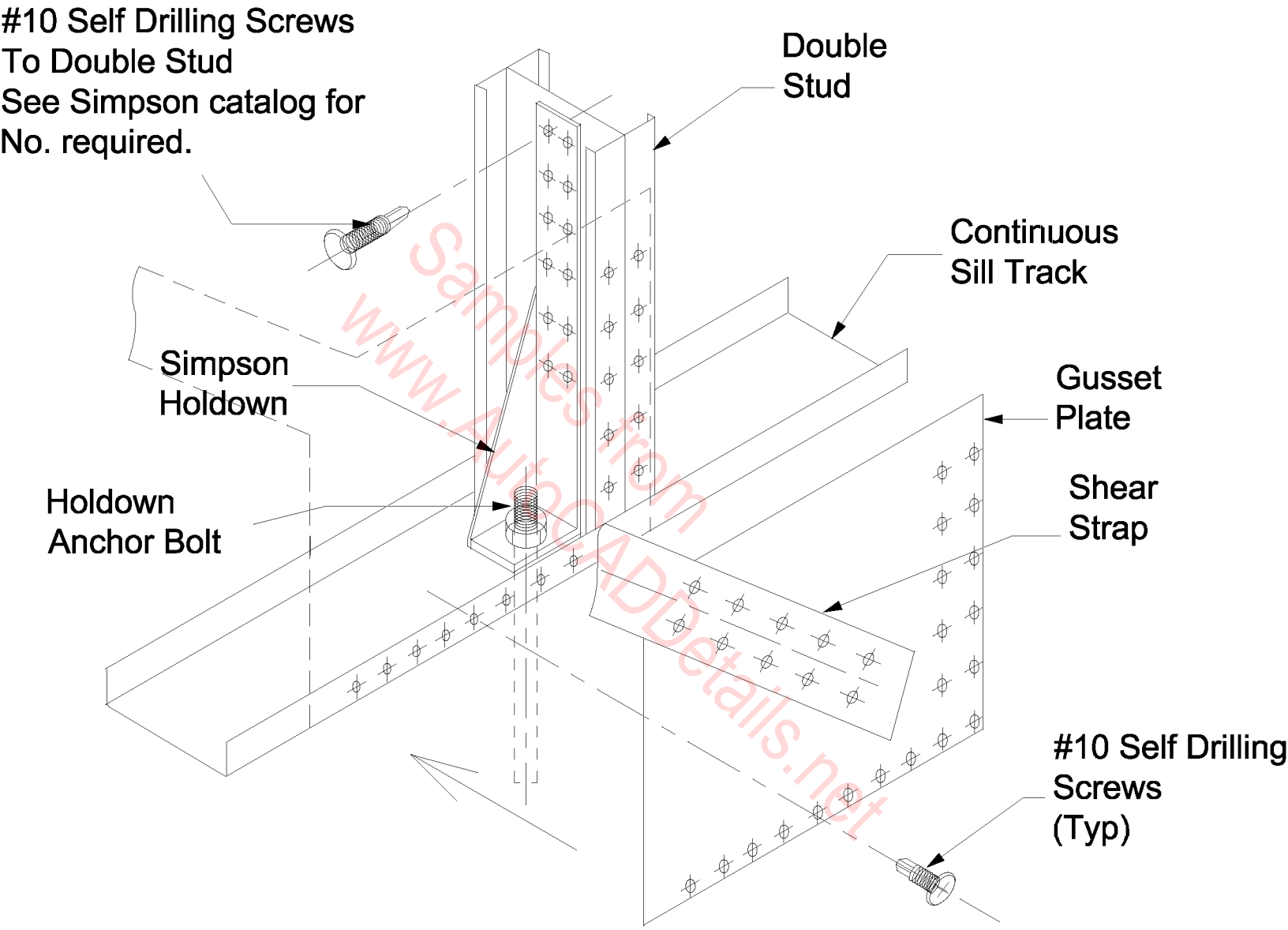


DETAIL B

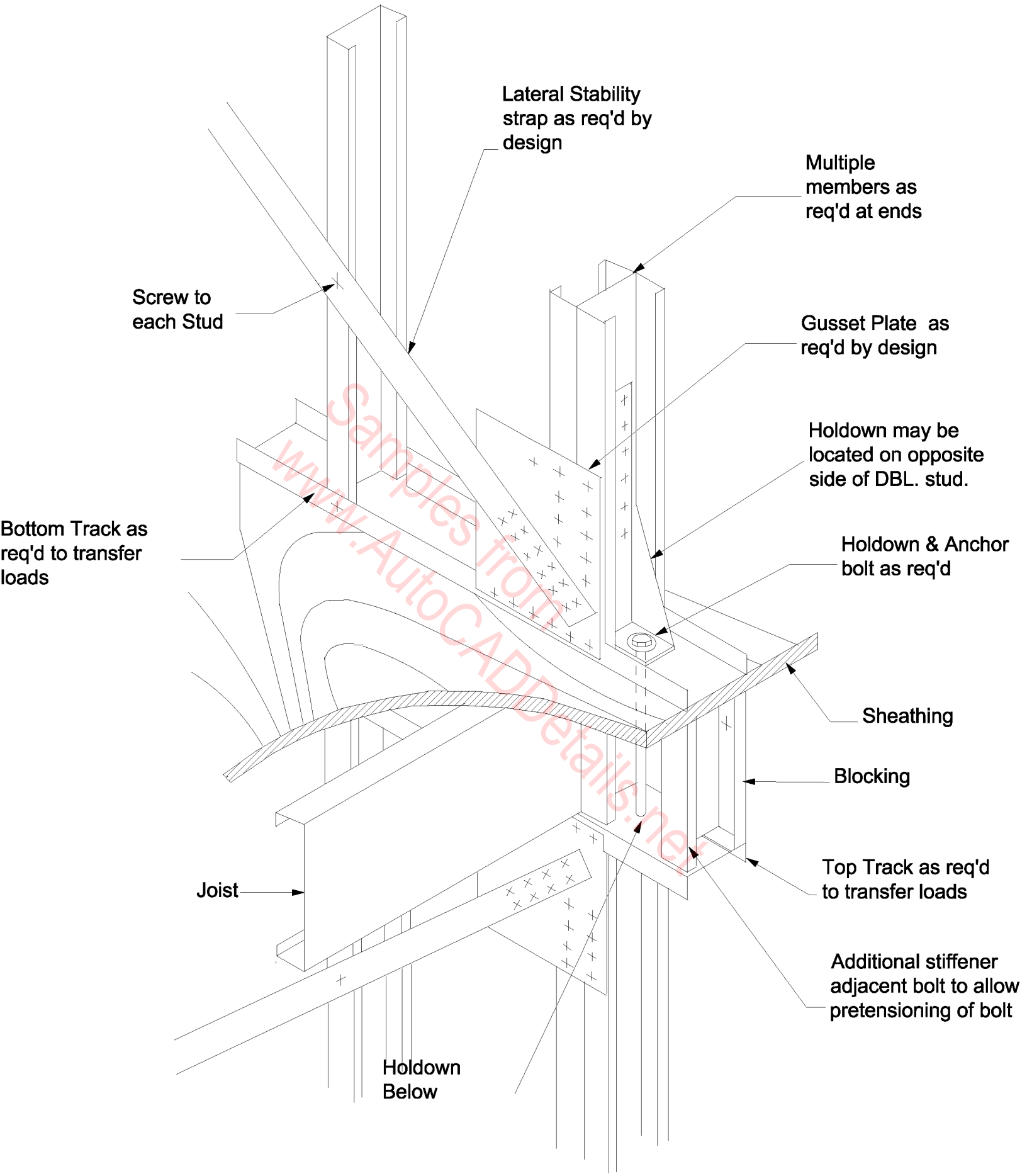


GUSSET DETAIL A

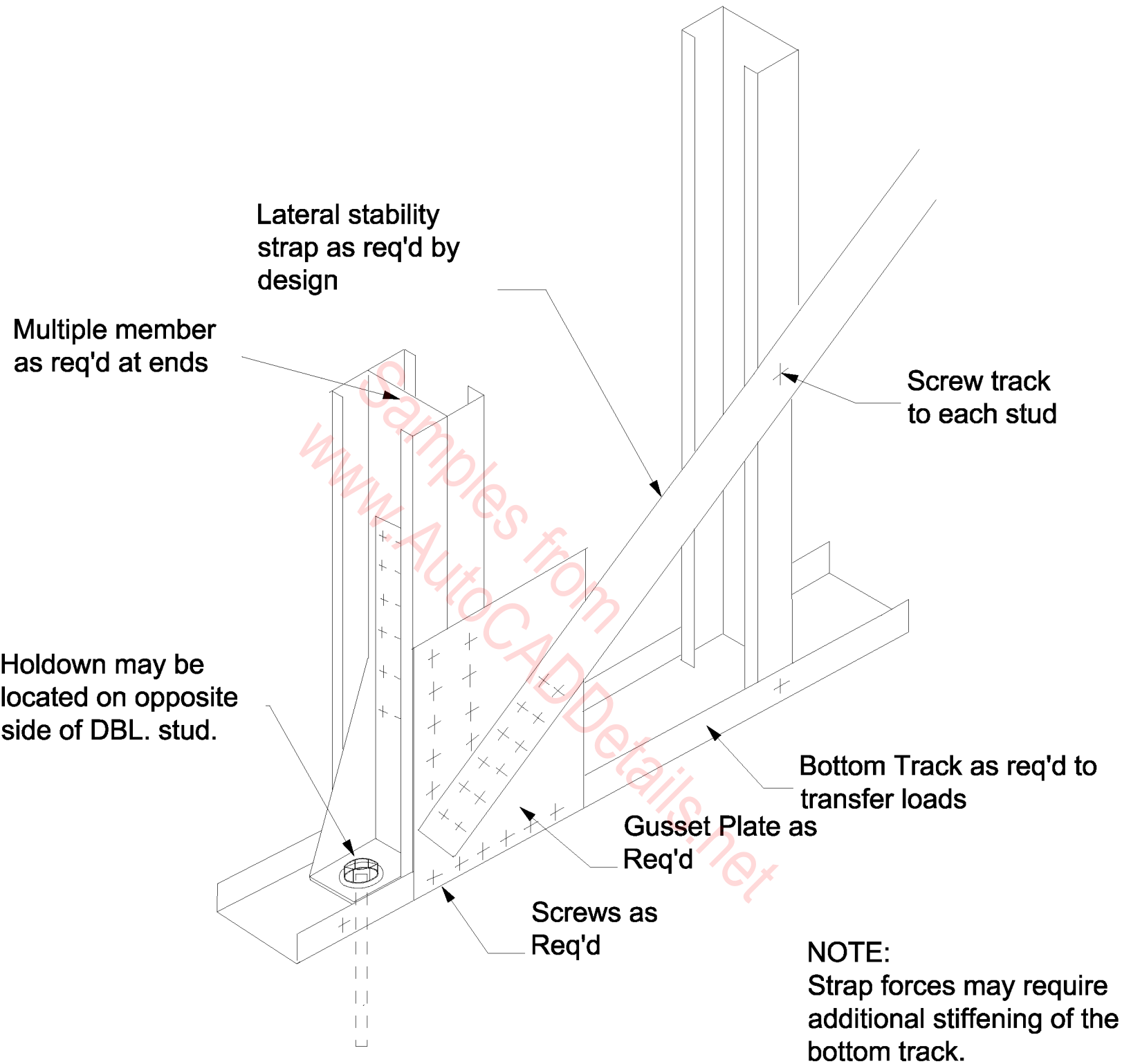
SHEAR PANEL BRACING



SHEAR WALL GUSSET PLATE & HOLDOWN ASSEMBLY

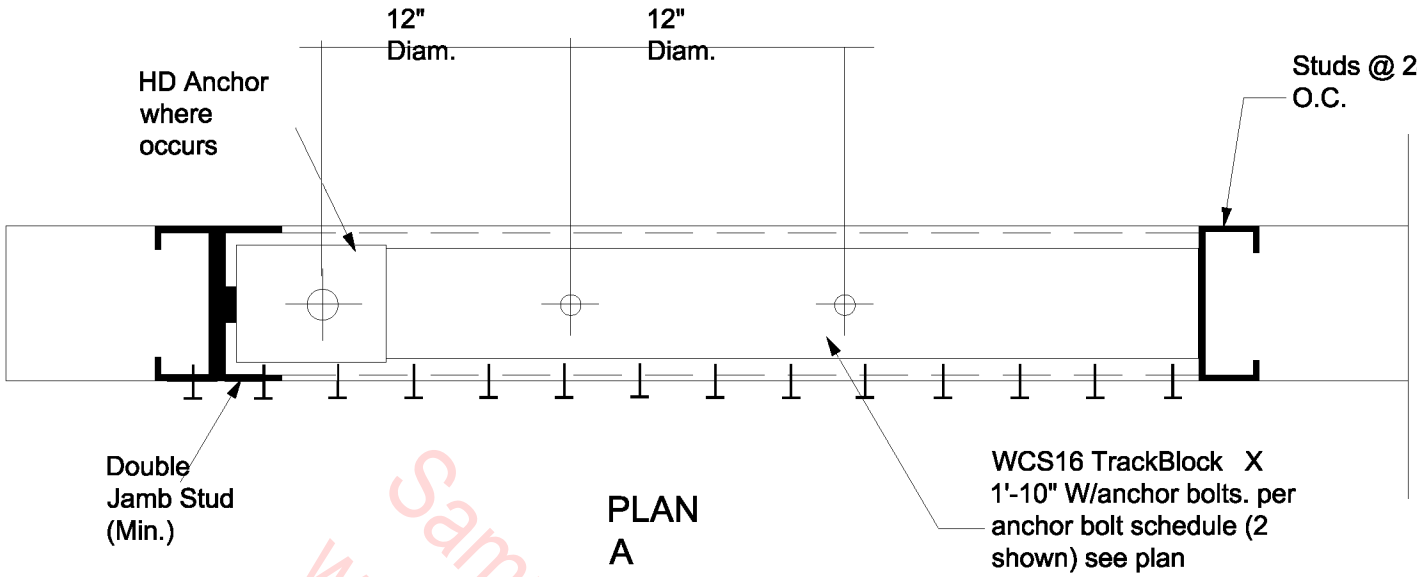


SHEAR WALL HOLDOWN AT SECOND FLOOR

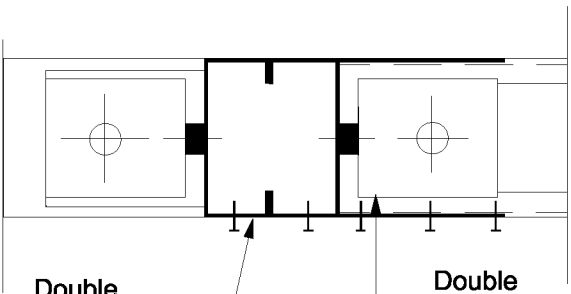


NOTE:
Strap forces may require additional stiffening of the bottom track.

SHEAR WALL HOLDOWN AT BASE

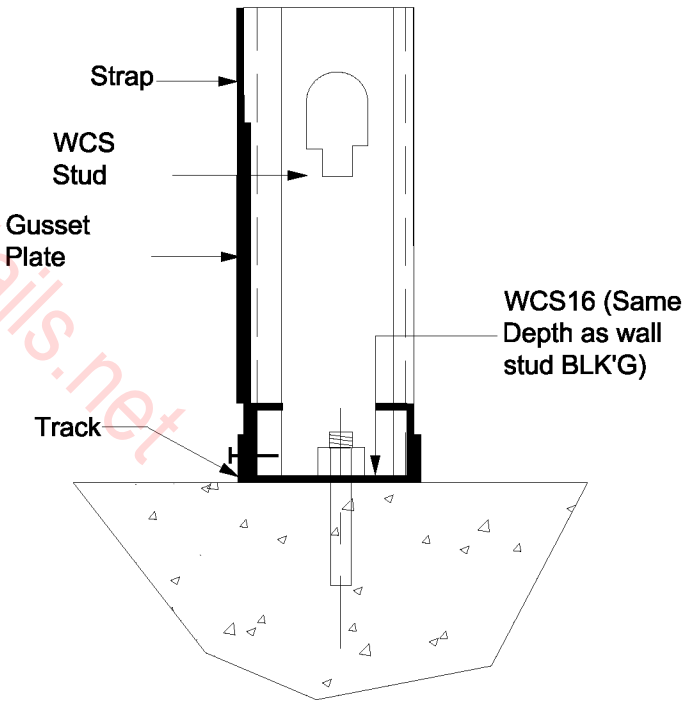


PLAN
A



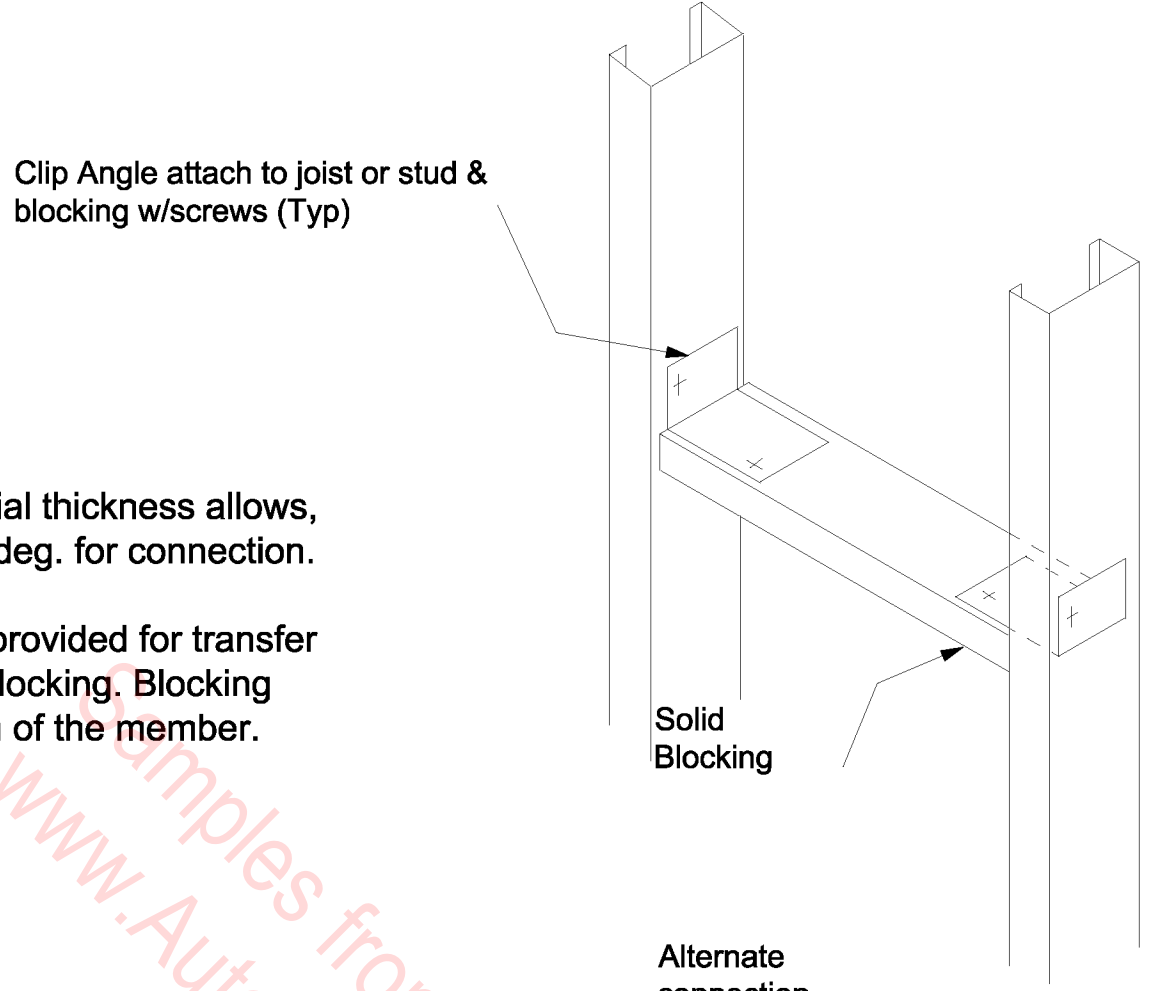
PLAN B

(Same as plan
A except as
shown)



SECTION

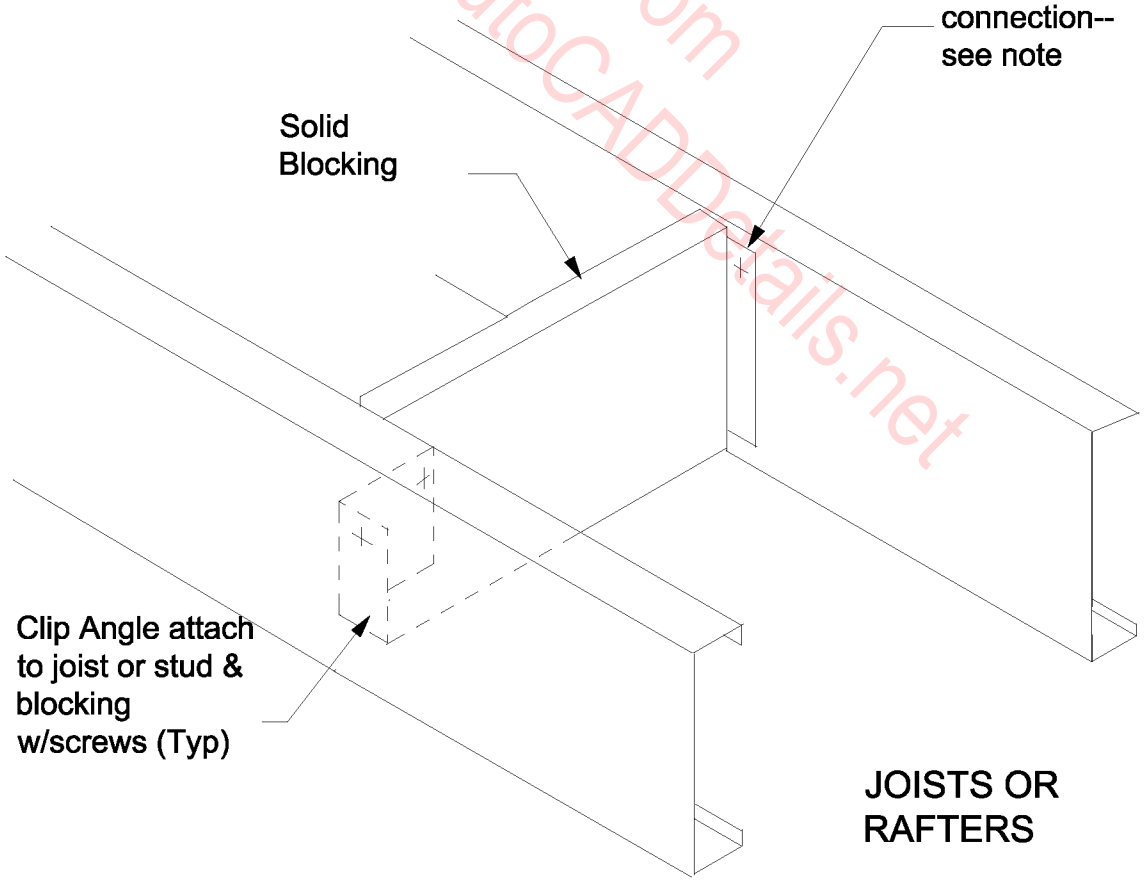
SHEAR WALL TRACK REINFORCEMENT AND ANCHORAGE



NOTE:
1. Where blocking material thickness allows, notch and bend track 90 deg. for connection.

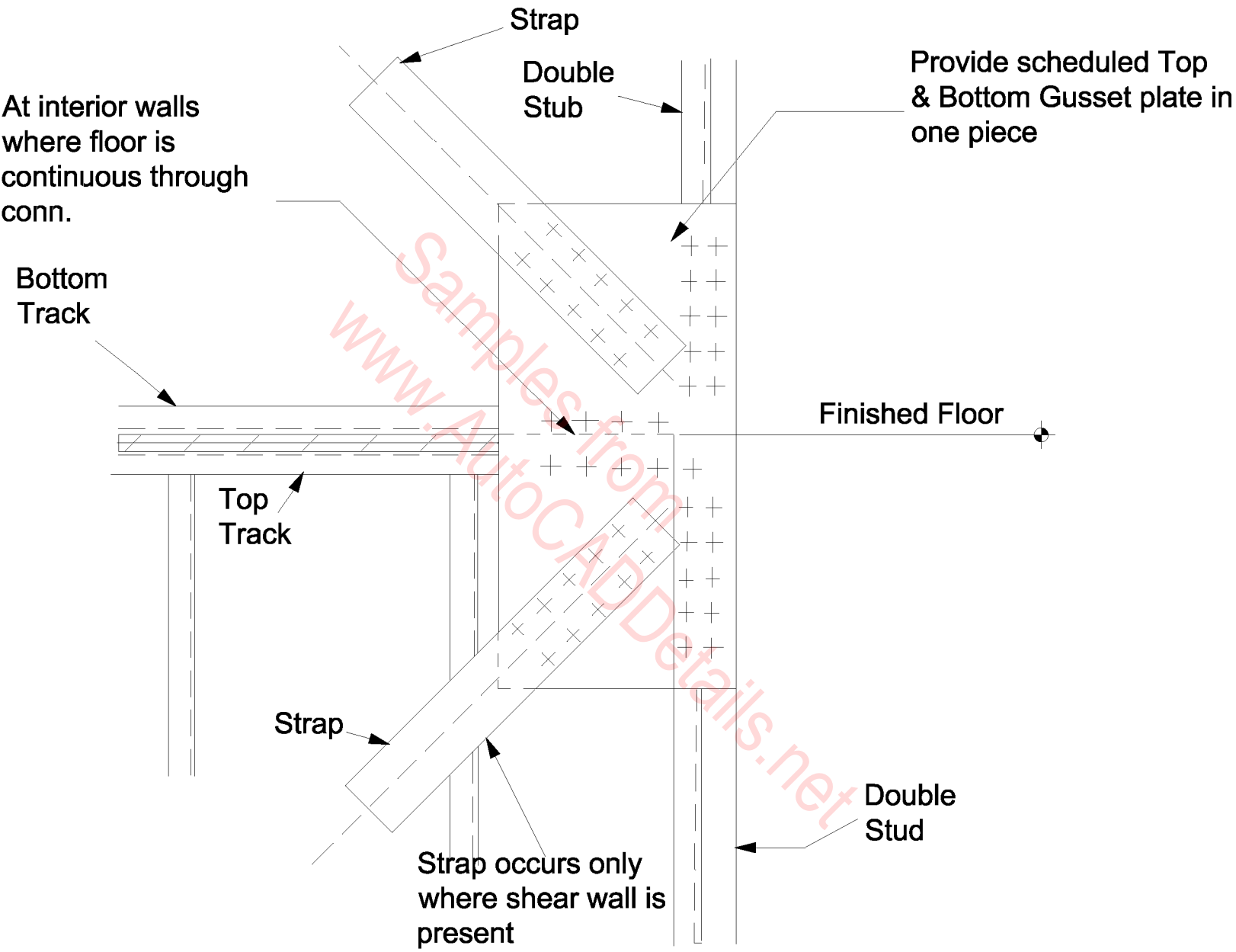
2. Where provisions are provided for transfer of flange forces to solid blocking. Blocking need not be the full depth of the member.

STUDS

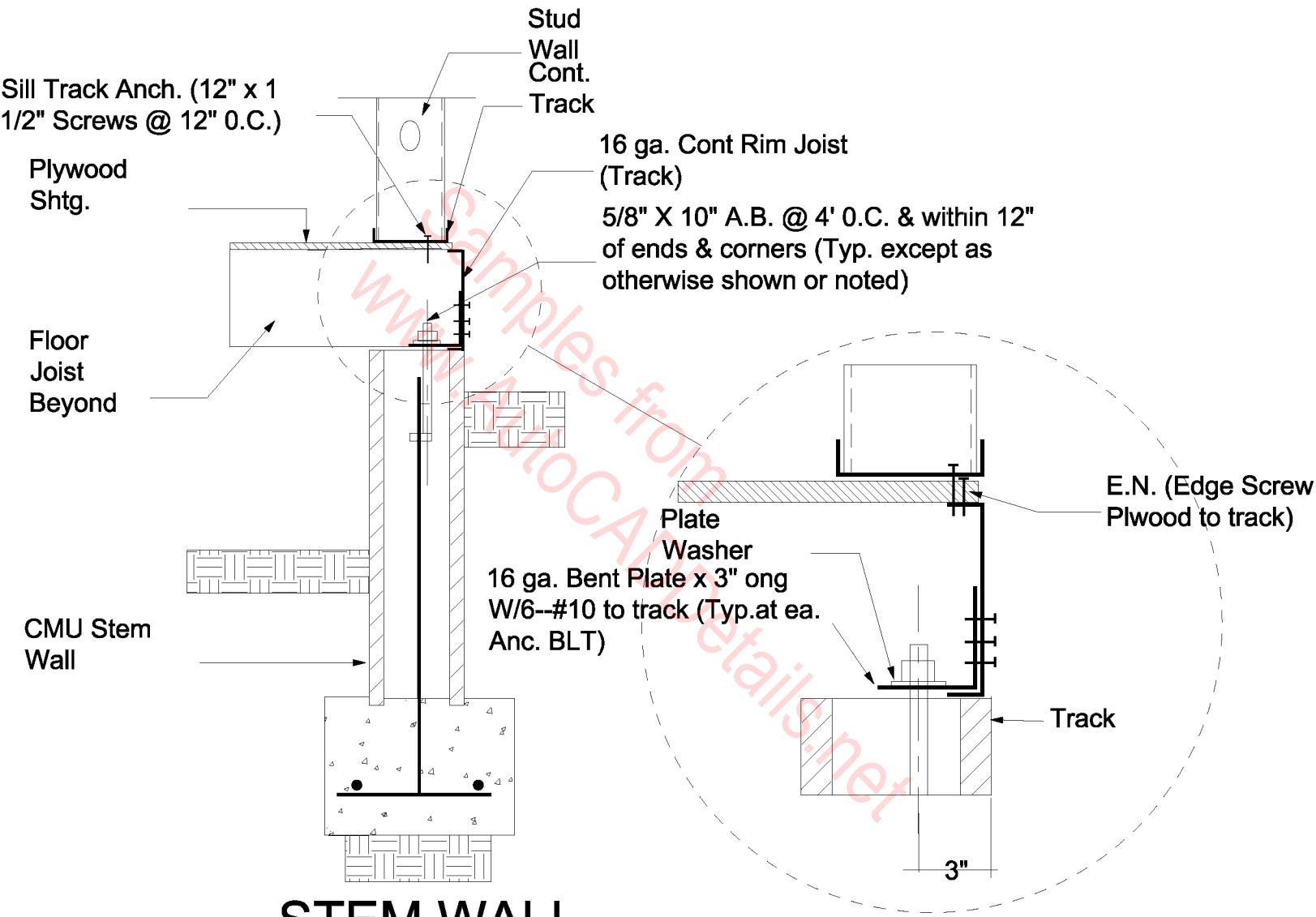


JOISTS OR RAFTERS

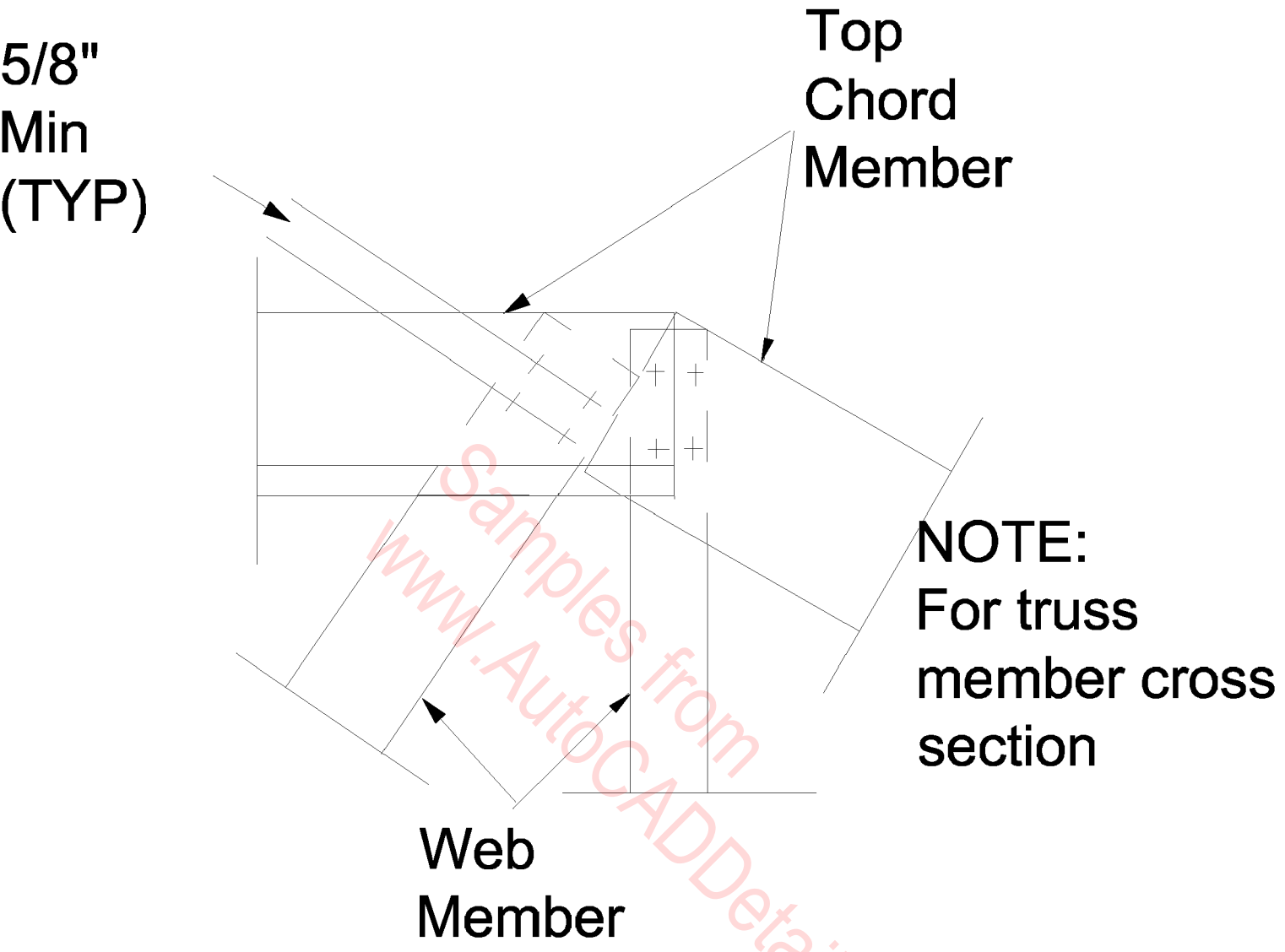
SOLID BLOCKING



STACKED SECOND FLOOR SHEAR WALL WITH COMMON GUSSET PLATE



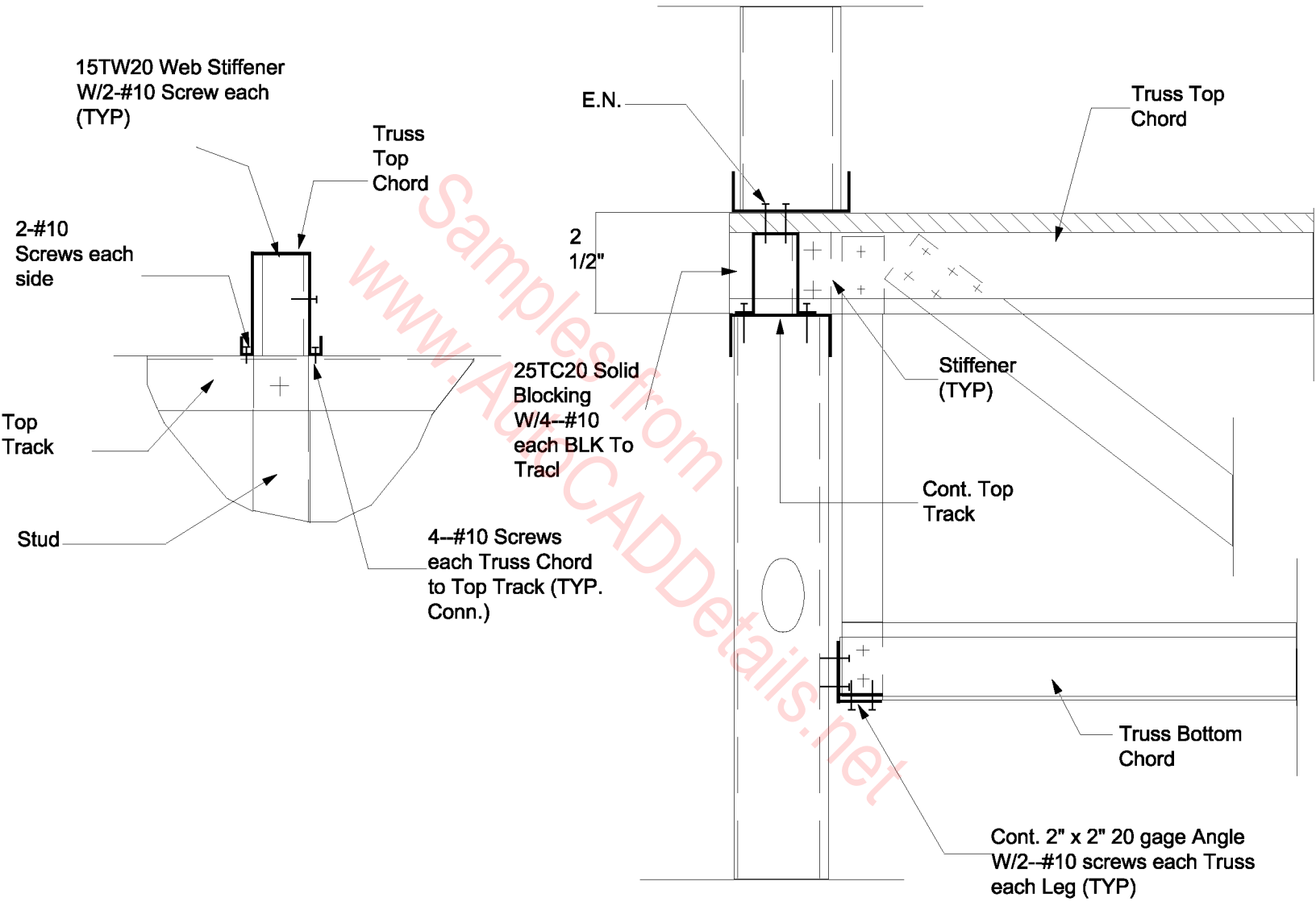
STEM WALL DETAIL



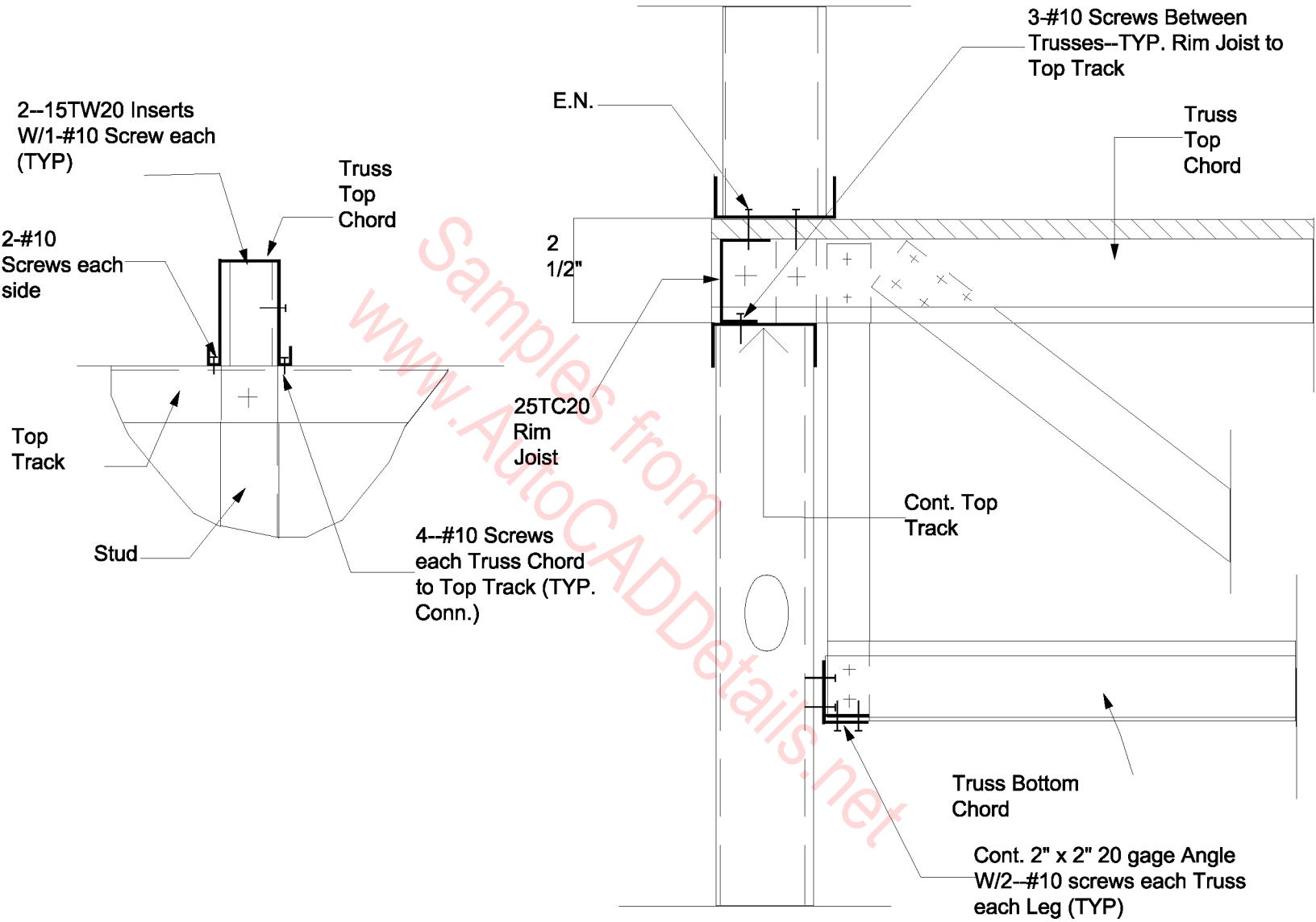
DETAIL AT TOP CHORD

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

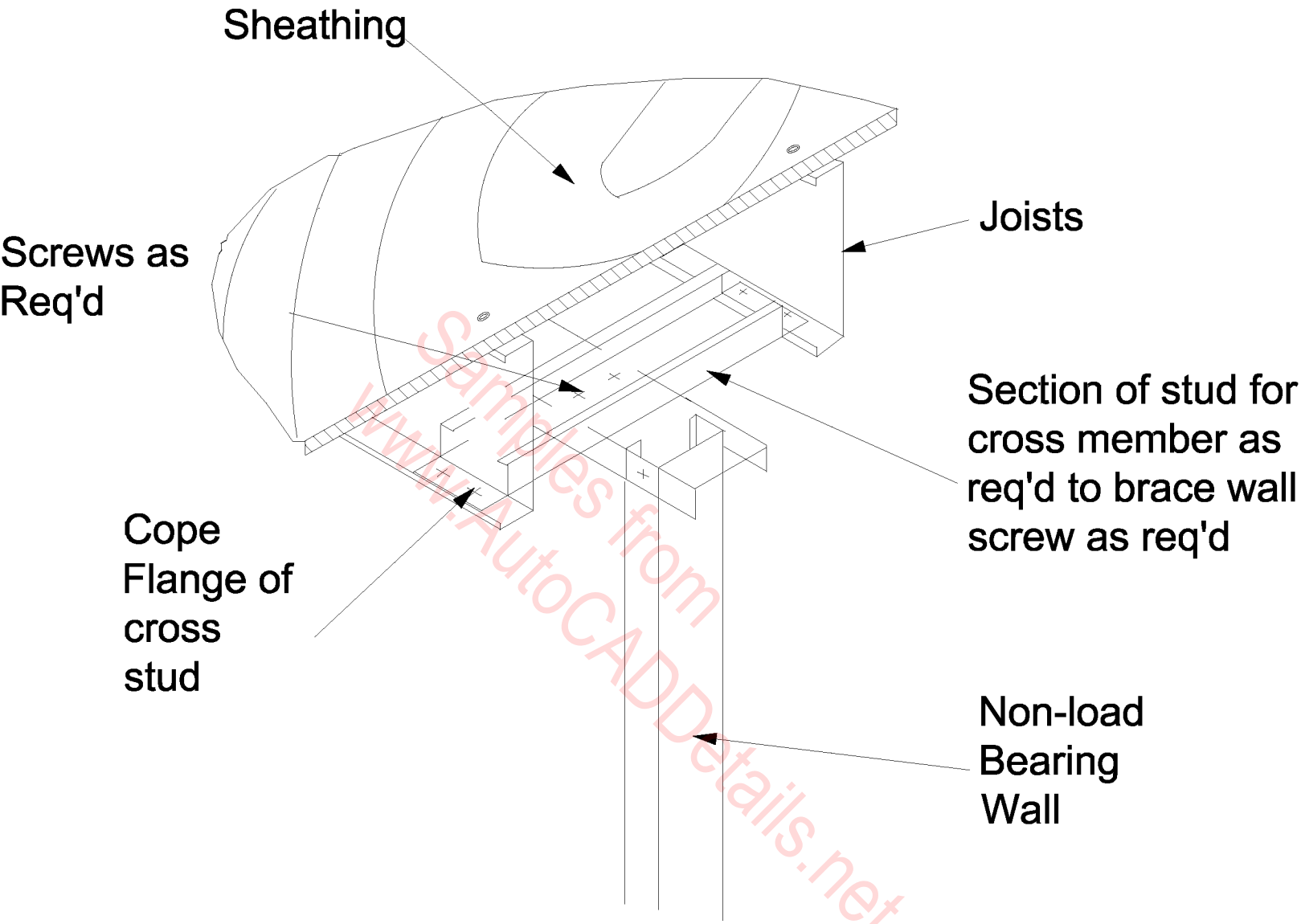


TOP CHORD BEARING FLOOR TRUSS DETAIL

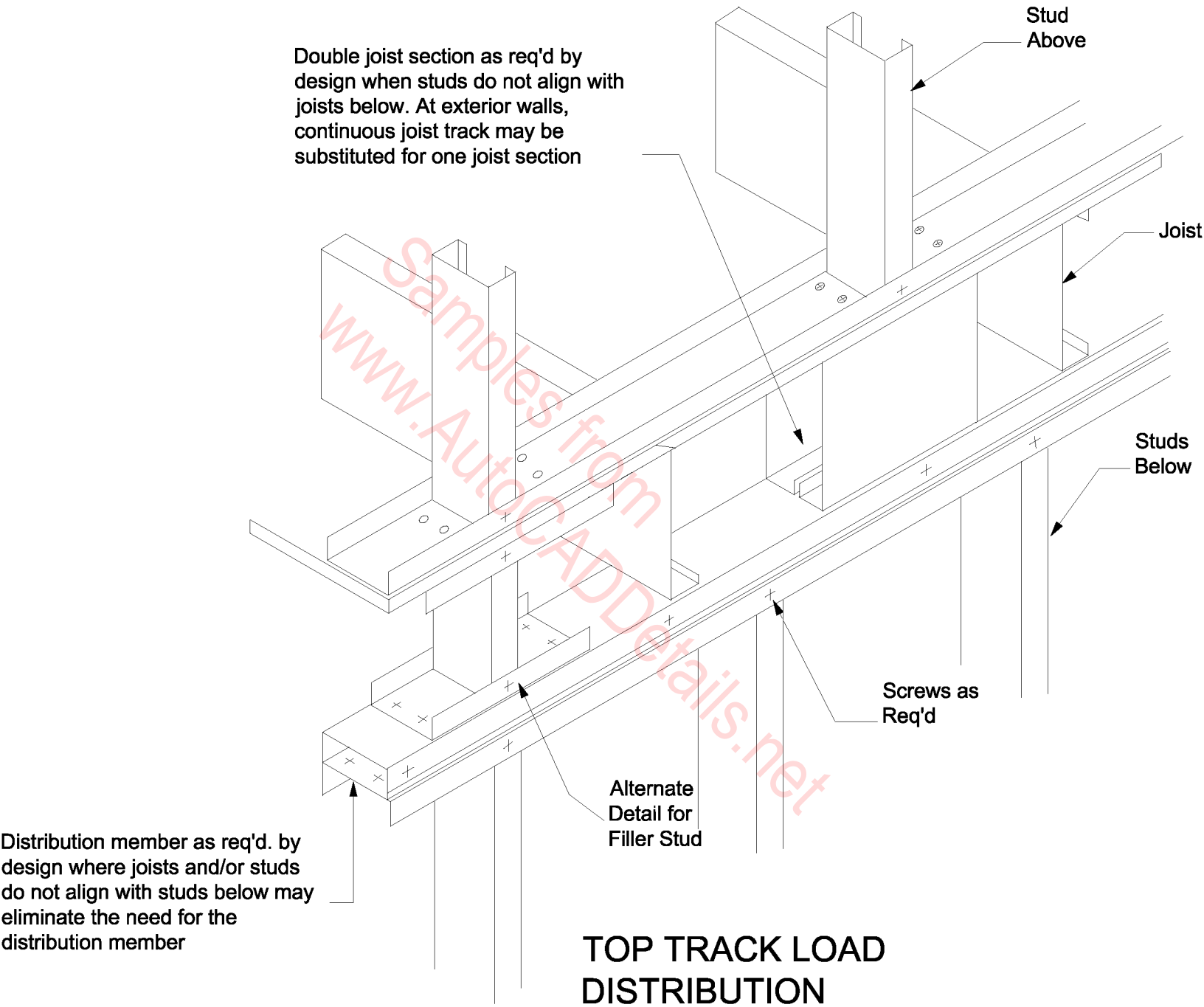


TOP CHORD BEARING FLOOR TRUSS DETAIL

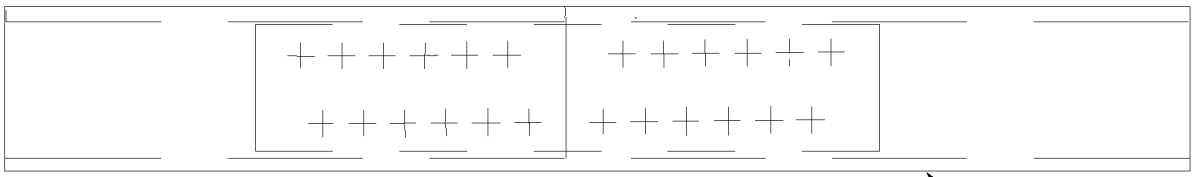
(ALTERNATE)



TOP OF NON-LOAD BEARING WALL TO PARALLEL FLOOR JOIST



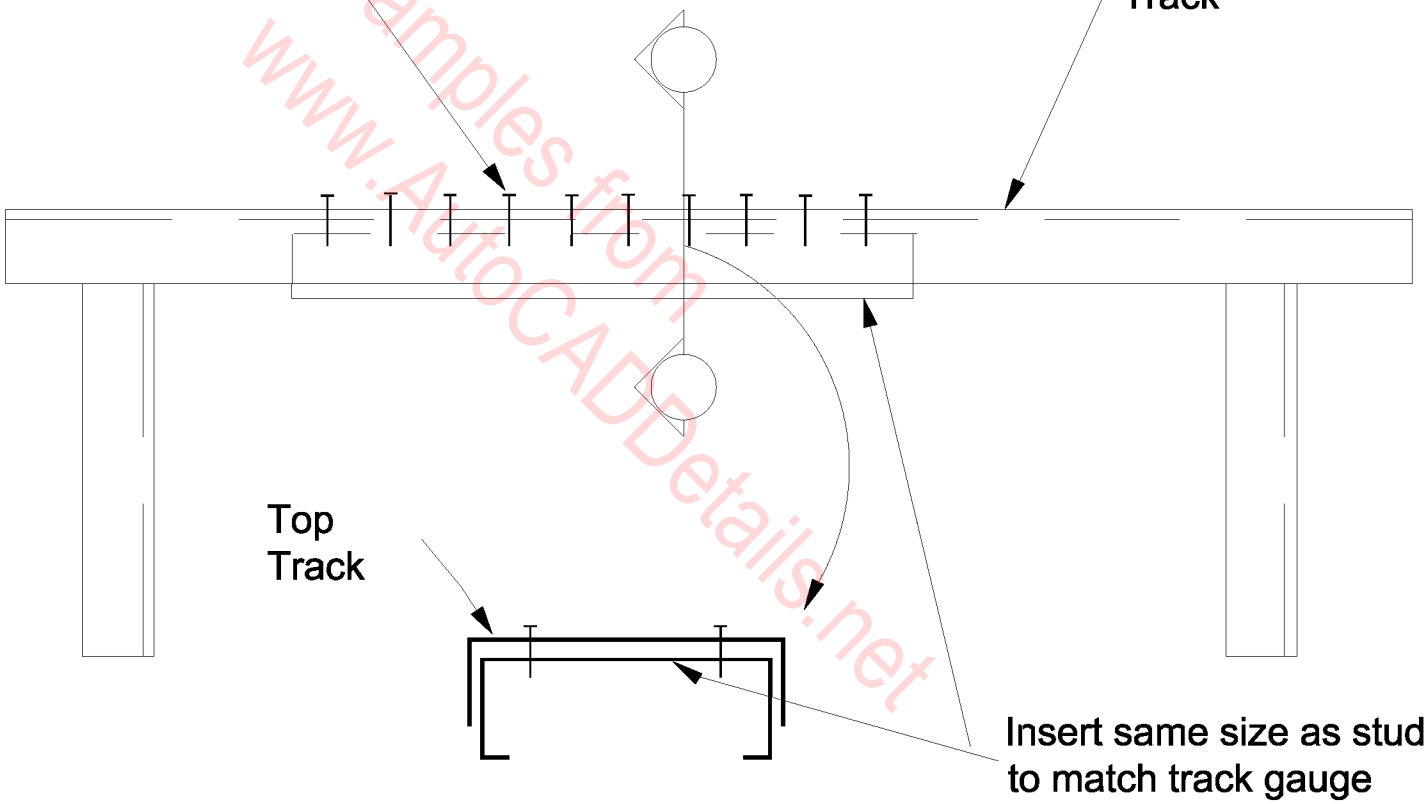
TOP TRACK LOAD DISTRIBUTION DETAILS



PLAN

#10 screws--Number req'd
by design each side splice
(Typ)

Top
Track

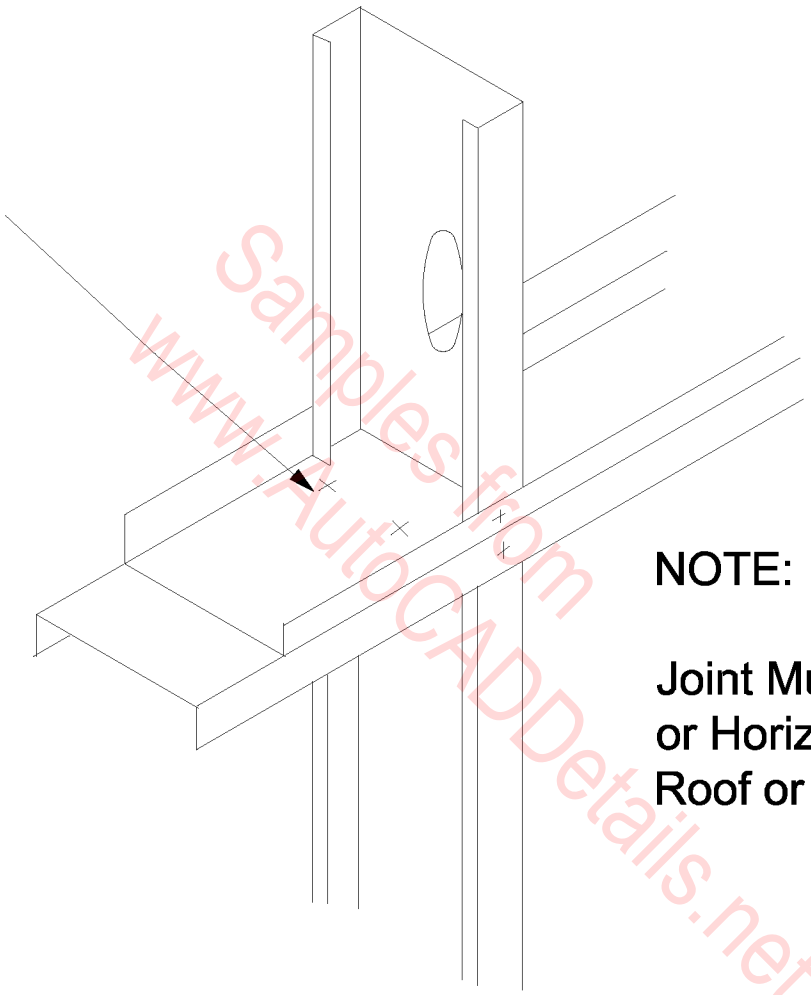


Top
Track

Insert same size as stud
to match track gauge

SECTION
TOP TRACK SPLICE
DETAIL

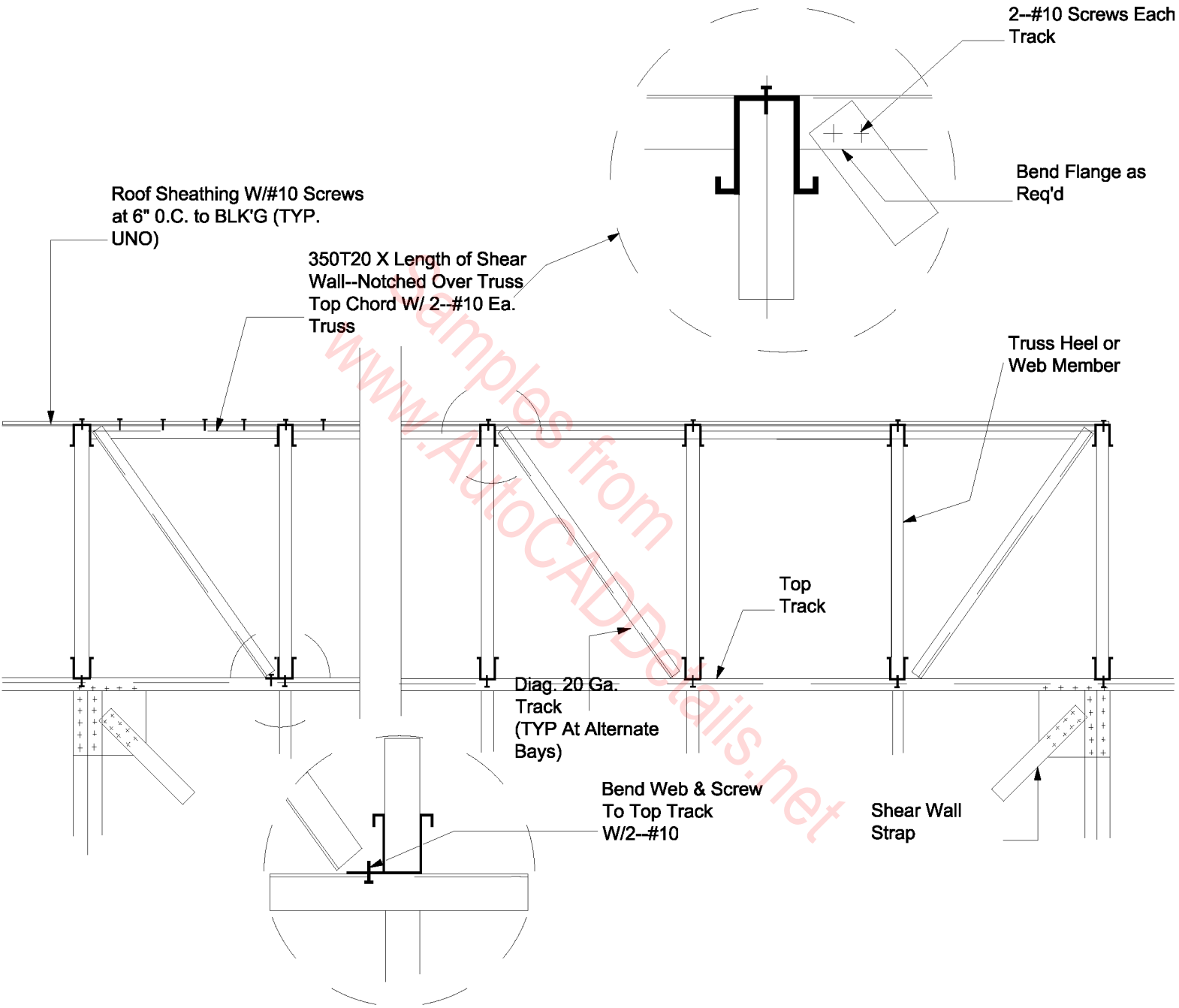
2 Screws @ each Stud (Track to Track)



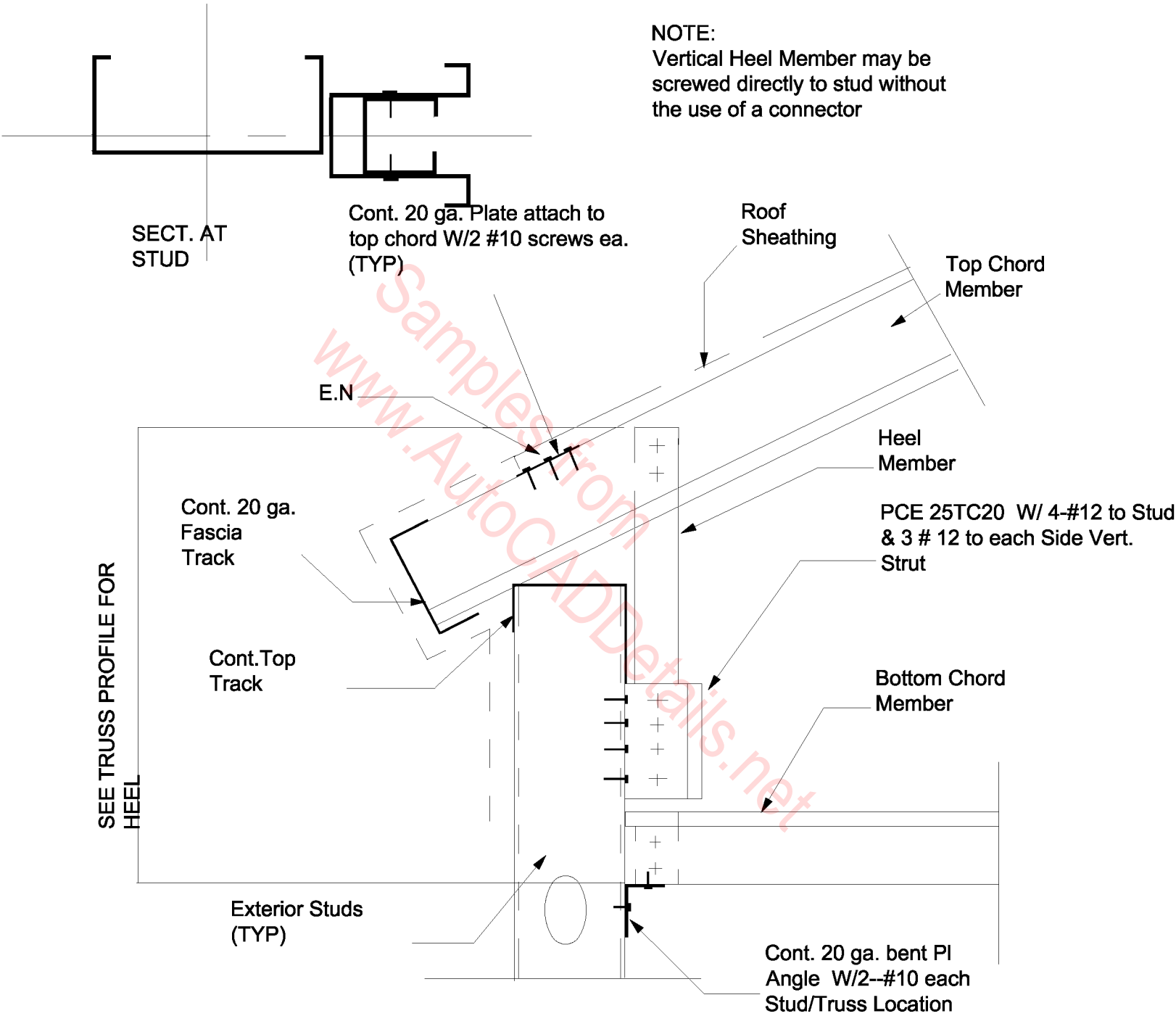
NOTE:

Joint Must be Braced Diagonally or Horizonally to the Nearest Roof or Floor Framing Member.

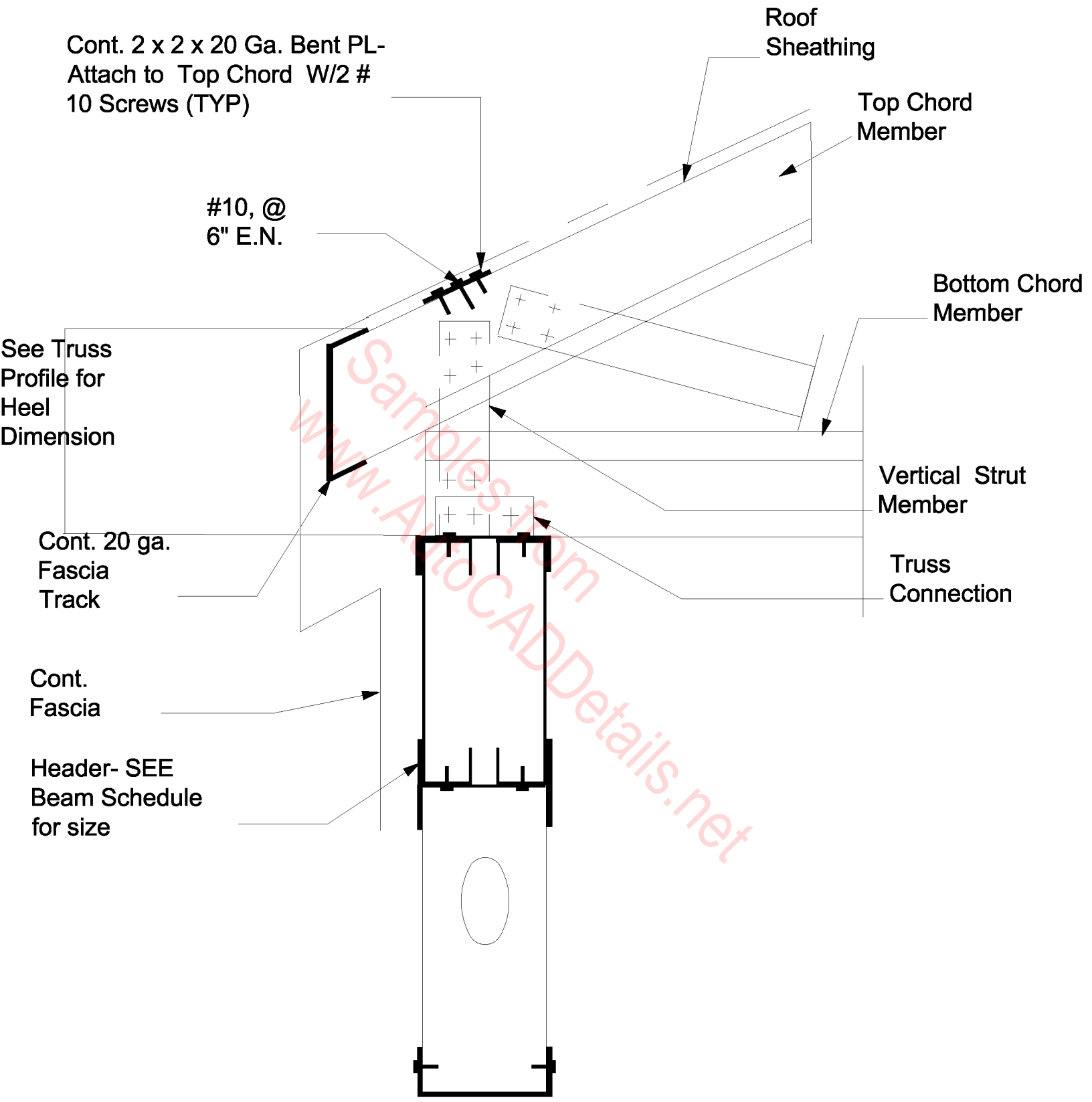
TRACK TO TRACK DETAIL



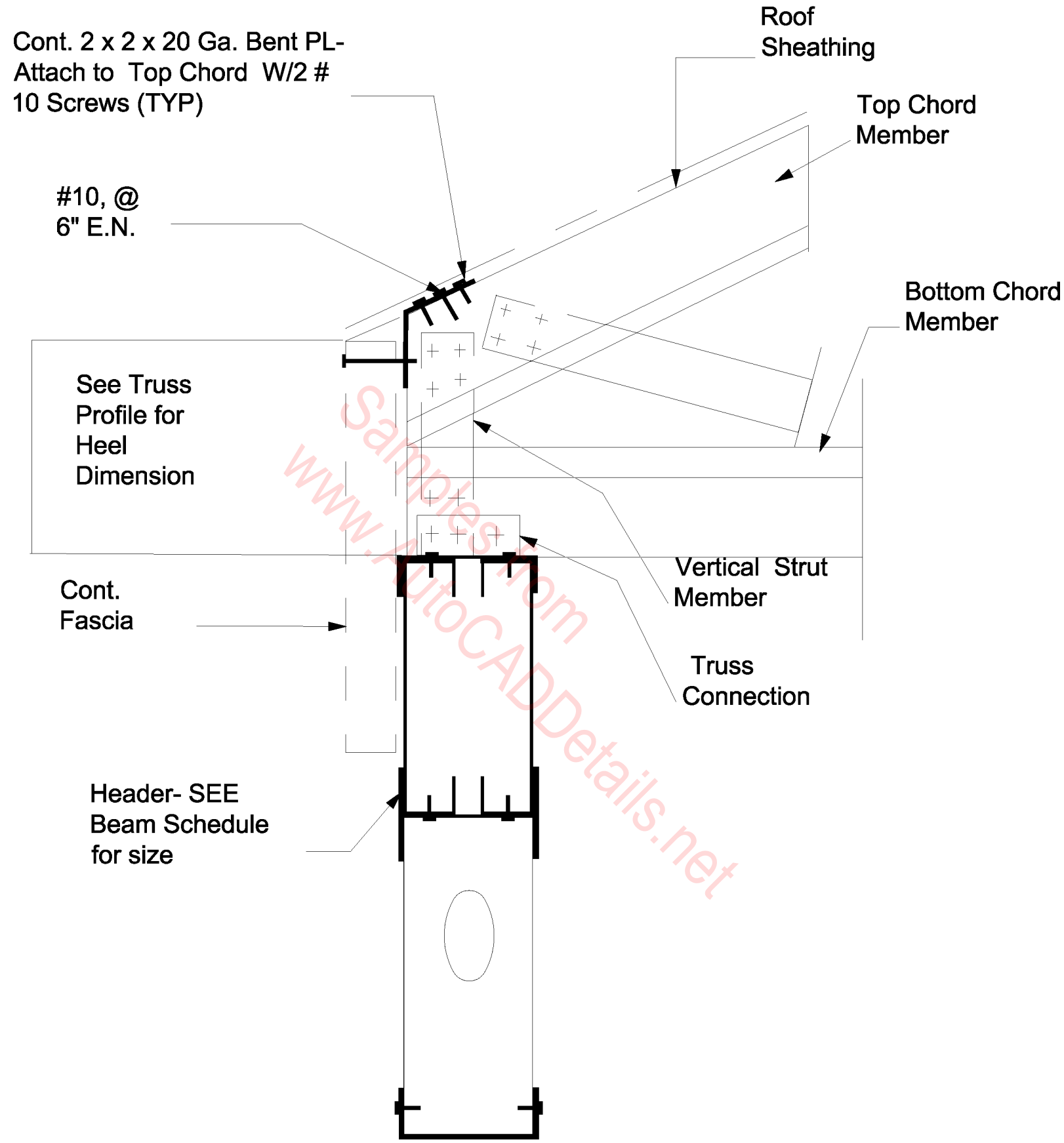
TRUSS BLOCKING DETAIL



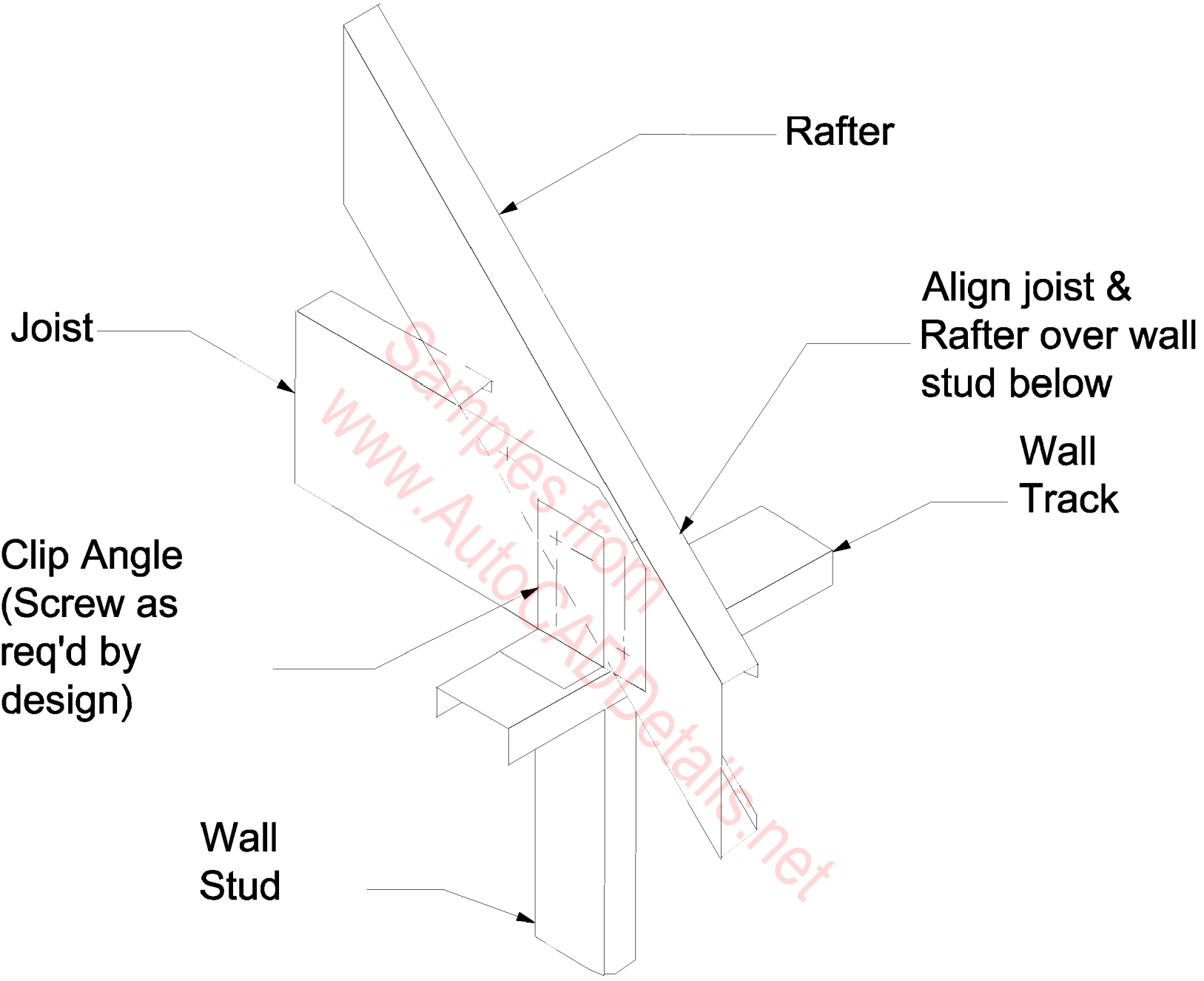
TRUSS CONNECTION TO FACE OF STUD



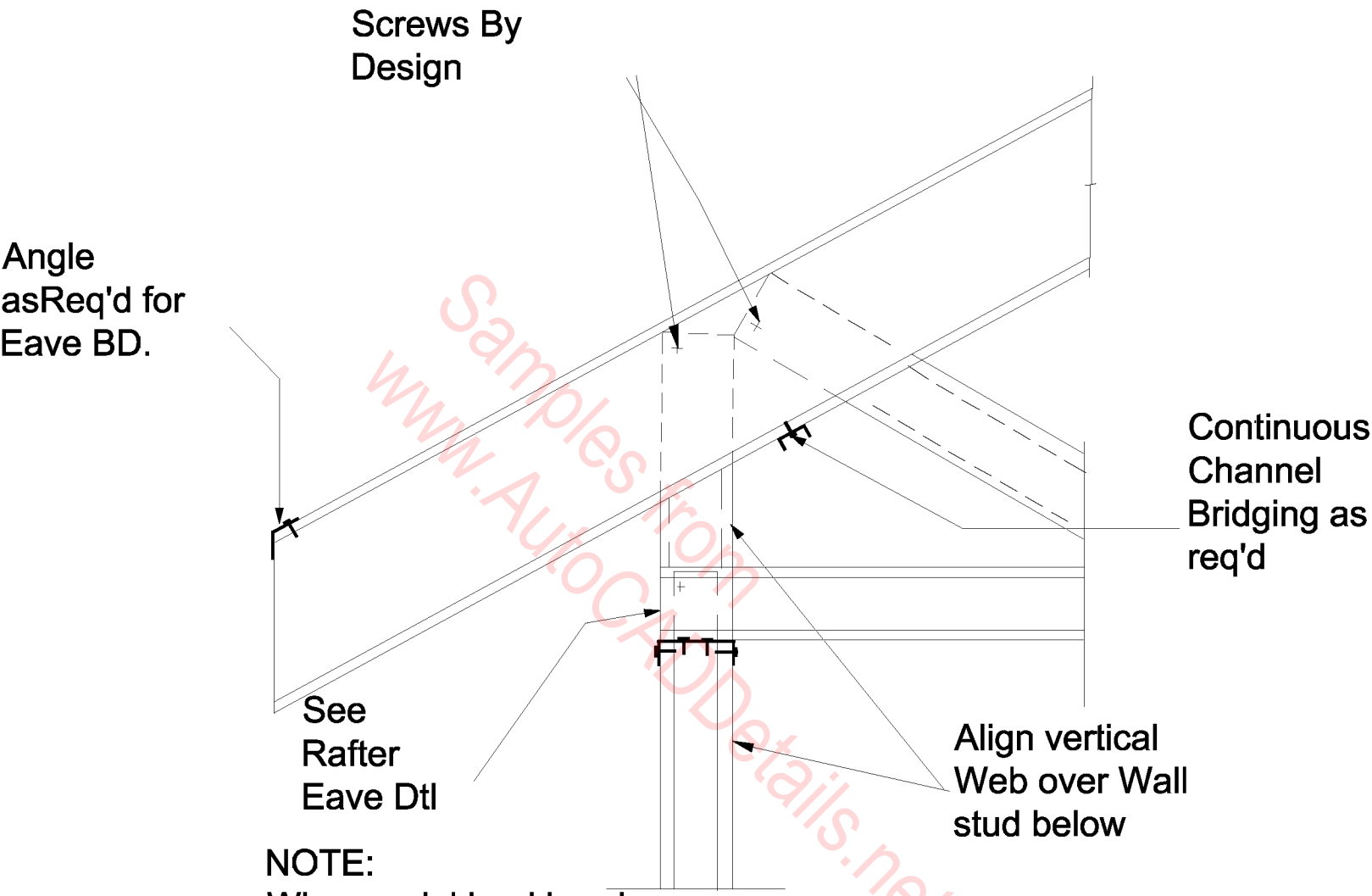
TRUSS CONNECTION TO HEADER---RAKED FASCIA



TRUSS CONNECTION TO HEADER---ZERO OVERHANG

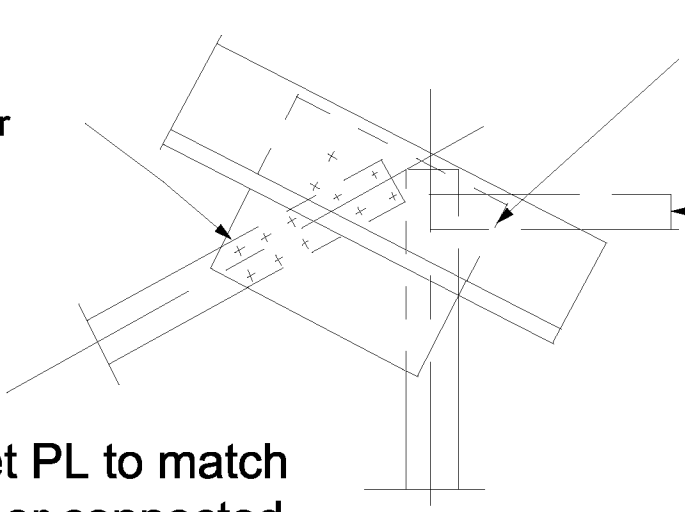


TRUSS EAVE DETAIL



NOTE:
Where axial load bearing members do not align vertically. See top track load distribution dtl.

TRUSS END @ EXTERIOR WALL

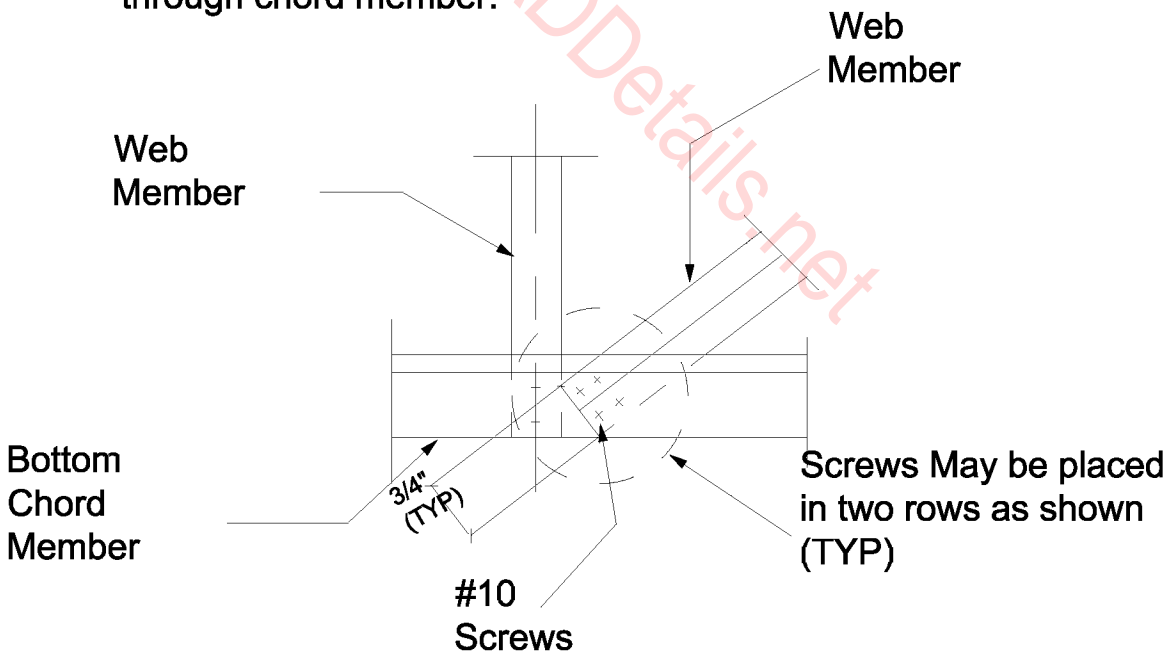


NOTE:
For Truss member cross section

Provide gusset PL to match heavier member connected where SPE (Screws per End) is followed by the letter G (TYP)

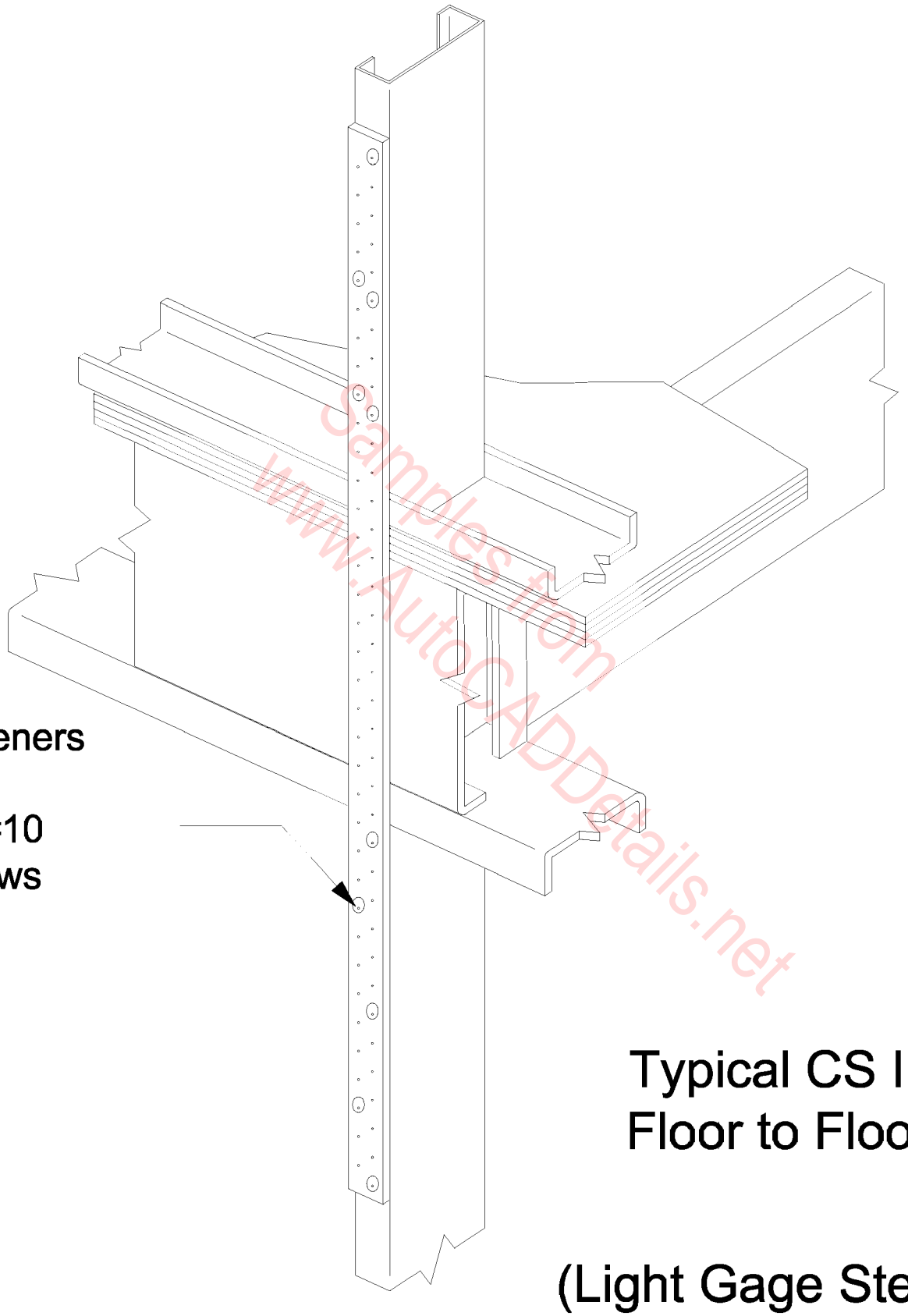
DETAIL AT TOP CHORD

NOTE: Gusset plate may not be required if calculated number of screws can be directly applied to all joined webs through chord member.



DETAIL AT BOTTOM CHORD

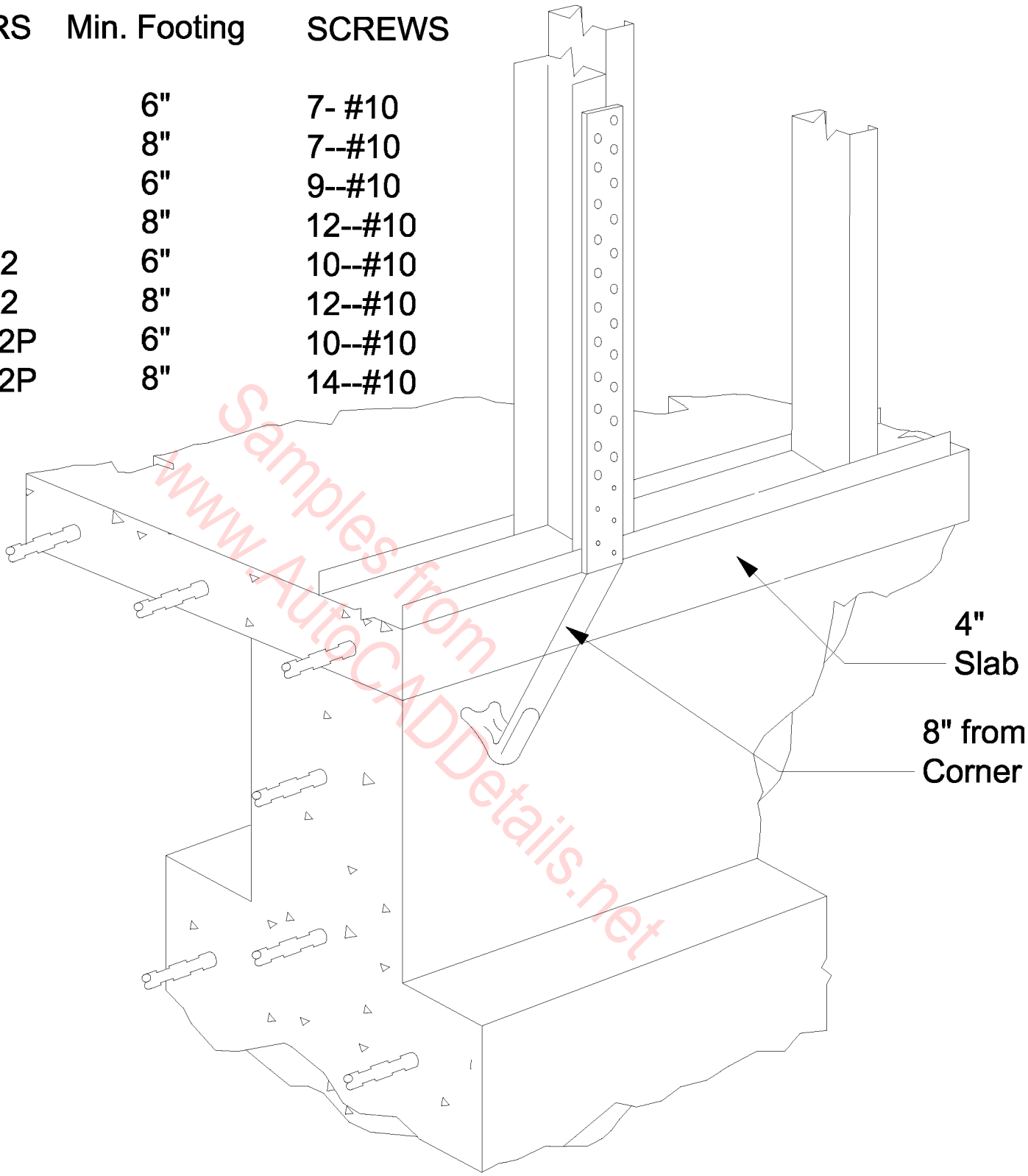
TRUSS WEB CONNECTION DETAIL



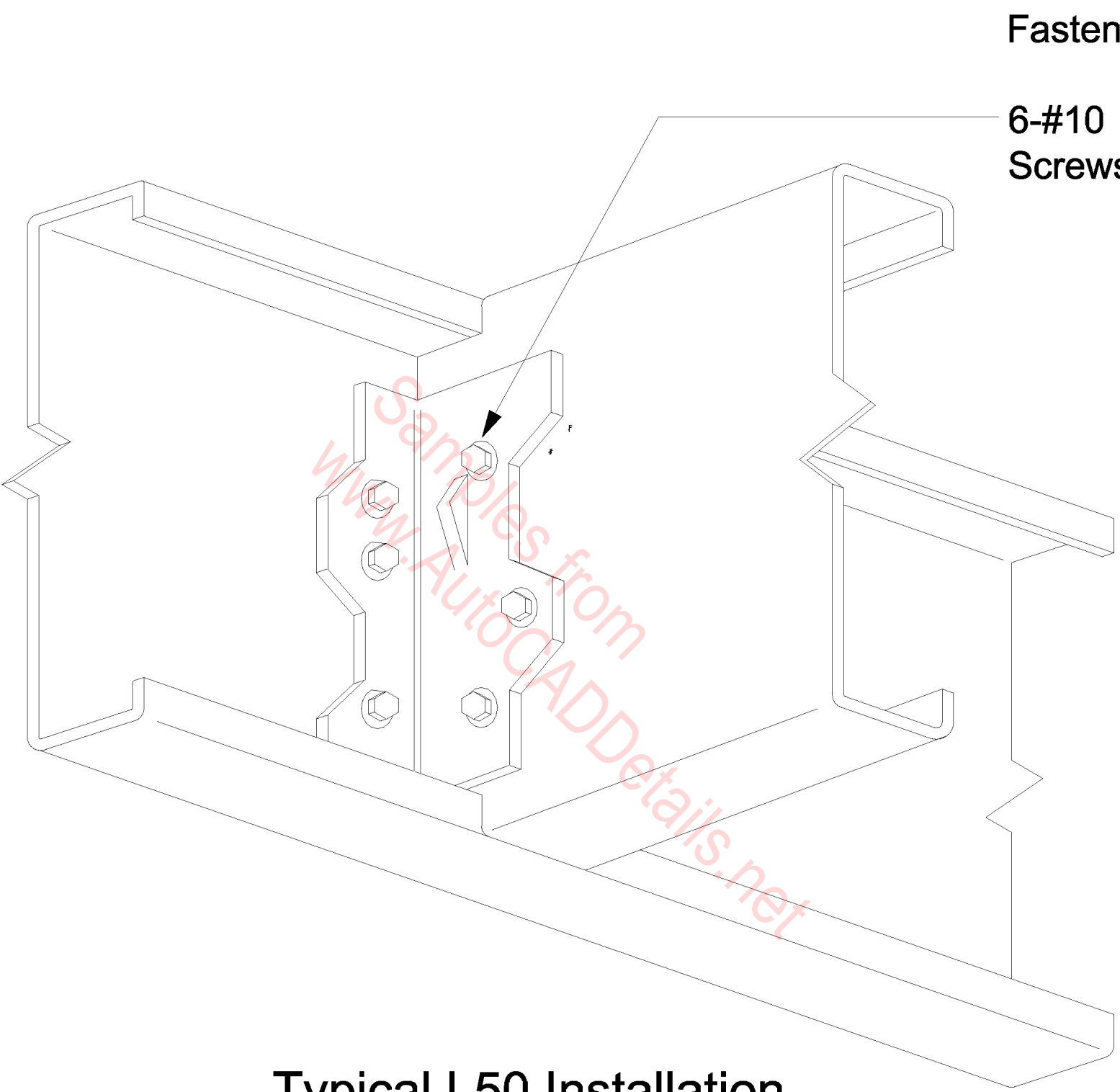
Typical CS Installation
Floor to Floor Tie (CS16)

(Light Gage Steel Construction)

FASTENERS	Min. Footing	SCREWS
S/PAHD42	6"	7- #10
S/PAHD42	8"	7--#10
S/MPAHD	6"	9--#10
S/MPAHD	8"	12--#10
S/HPAHD22	6"	10--#10
S/HPAHD22	8"	12--#10
HPAHD22-2P	6"	10--#10
HPAHD22-2P	8"	14--#10



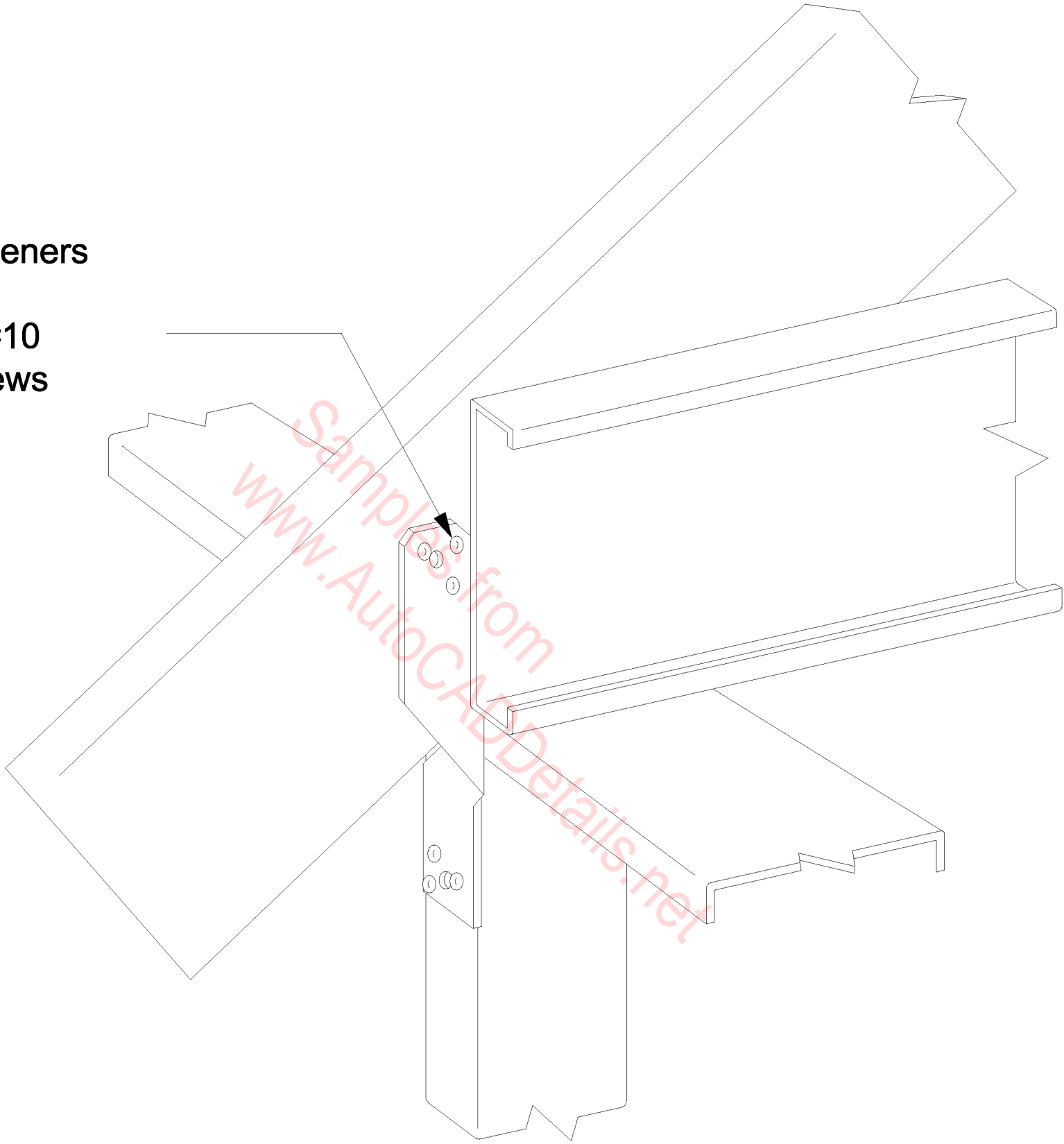
Typical HPAHD22 Double Pour Edge Installation--(Light gage Steel Construction)



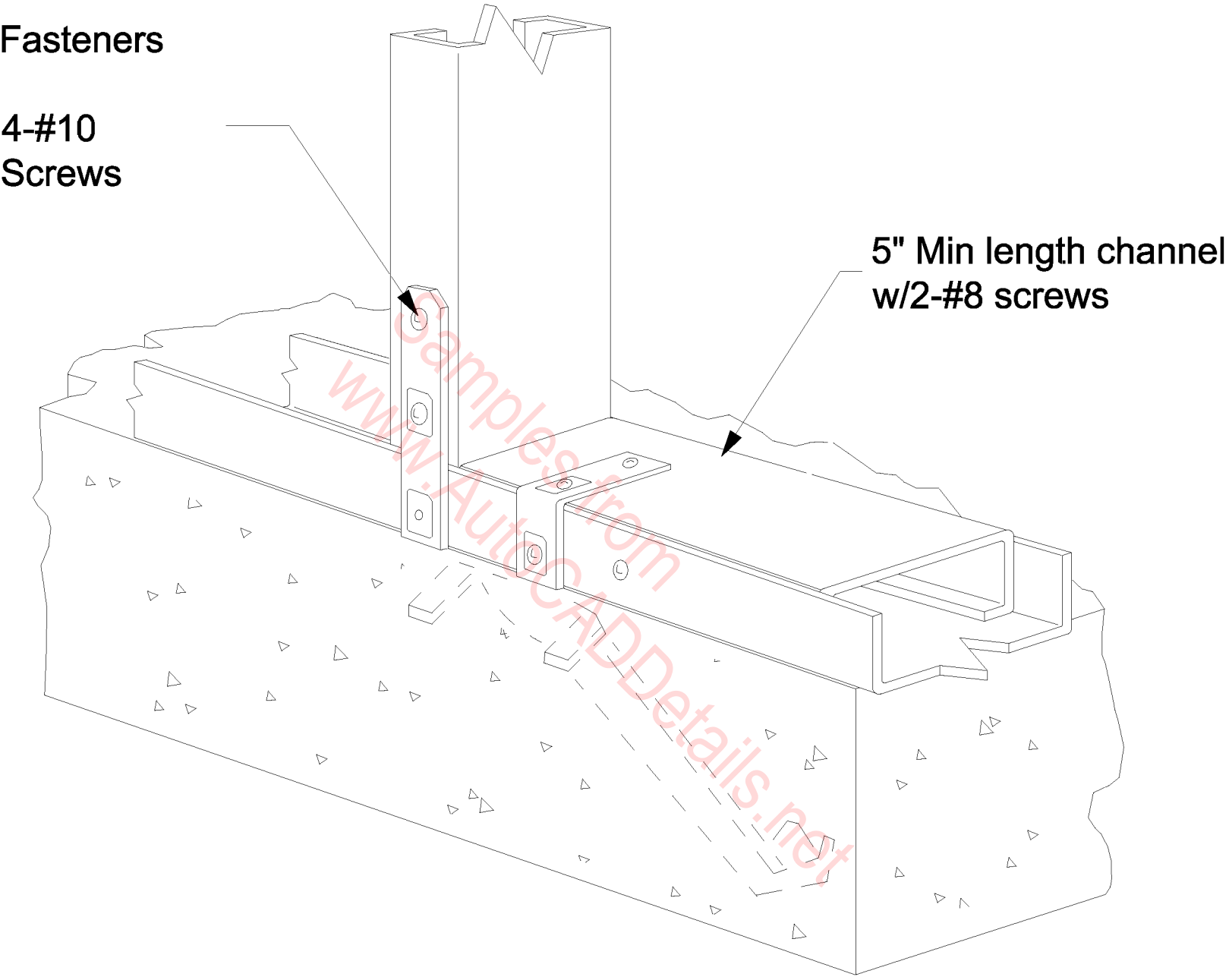
Typical L50 Installation Reinforcing & Skewable Angles (Light Gage Steel Construction)

Fasteners

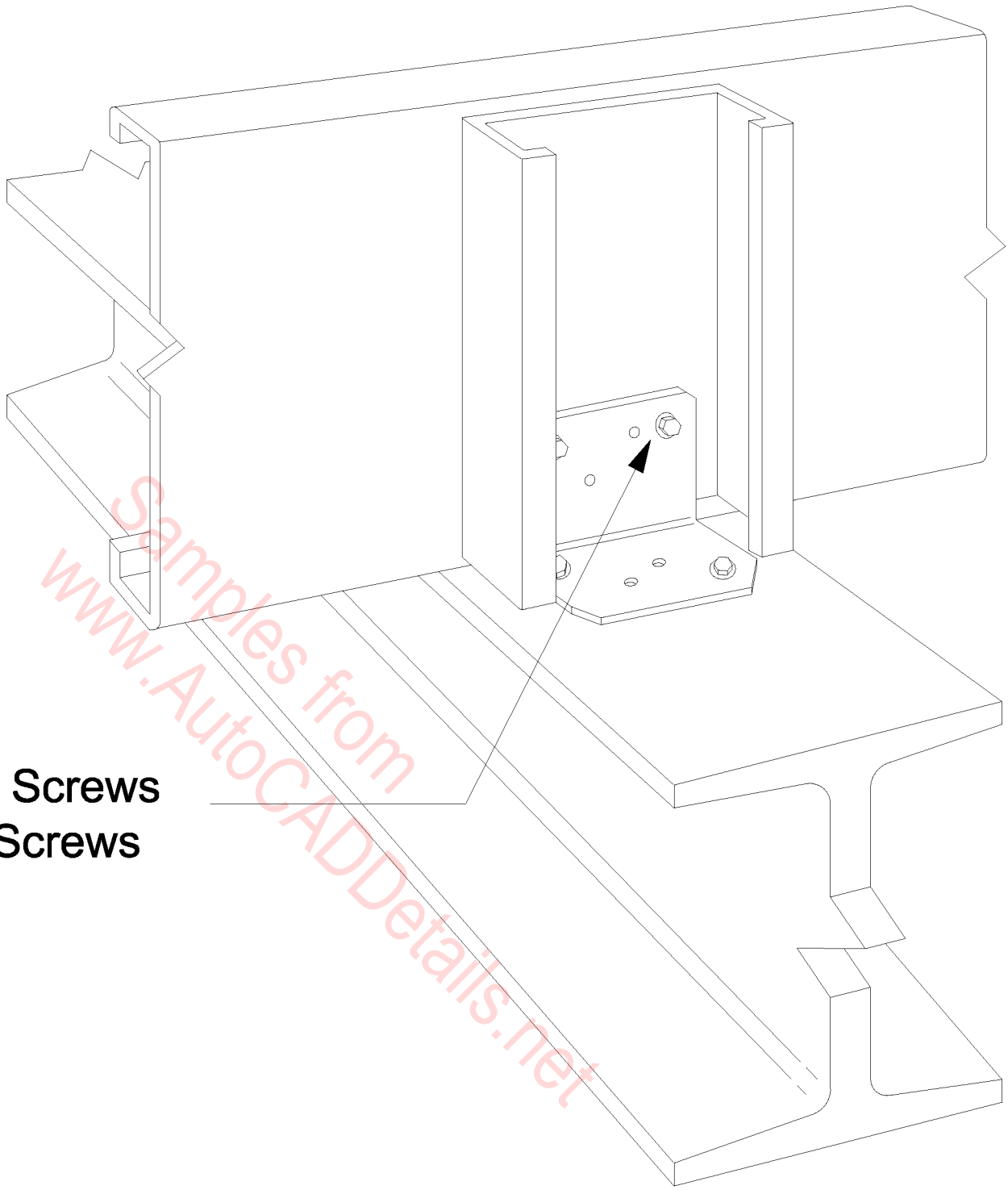
12-#10
Screws



Typical LTS Installation Truss to Steel Studs
(Light Gage Steel Construction)



Alternate MAS Installation (Light Gage Steel Construction)



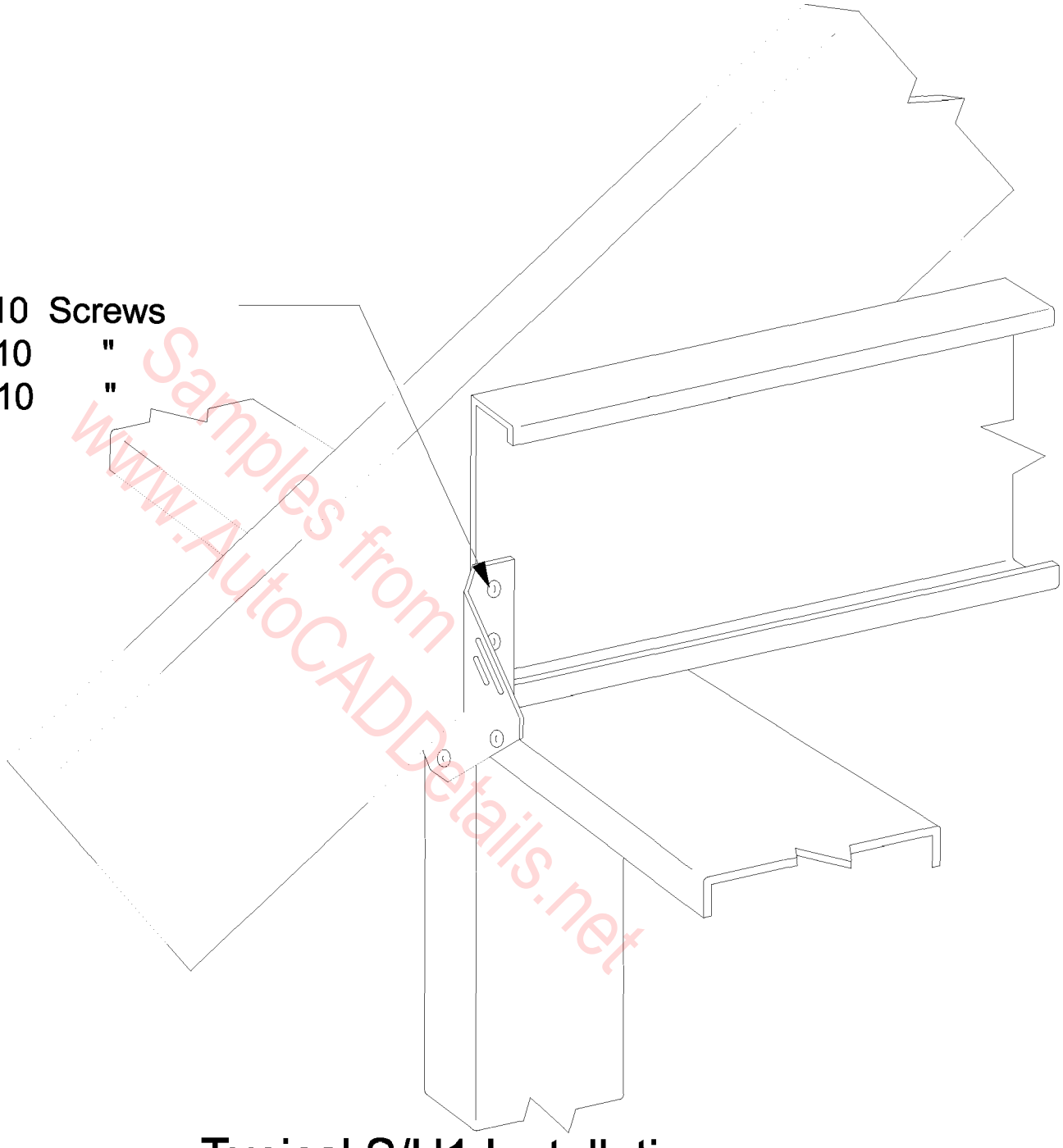
Fasteners

A21-------4-#10 Screws
S/A23---4-#10 Screws

Typical S/A 23 Installation (Light Gage Steel Construction)

Fasteners

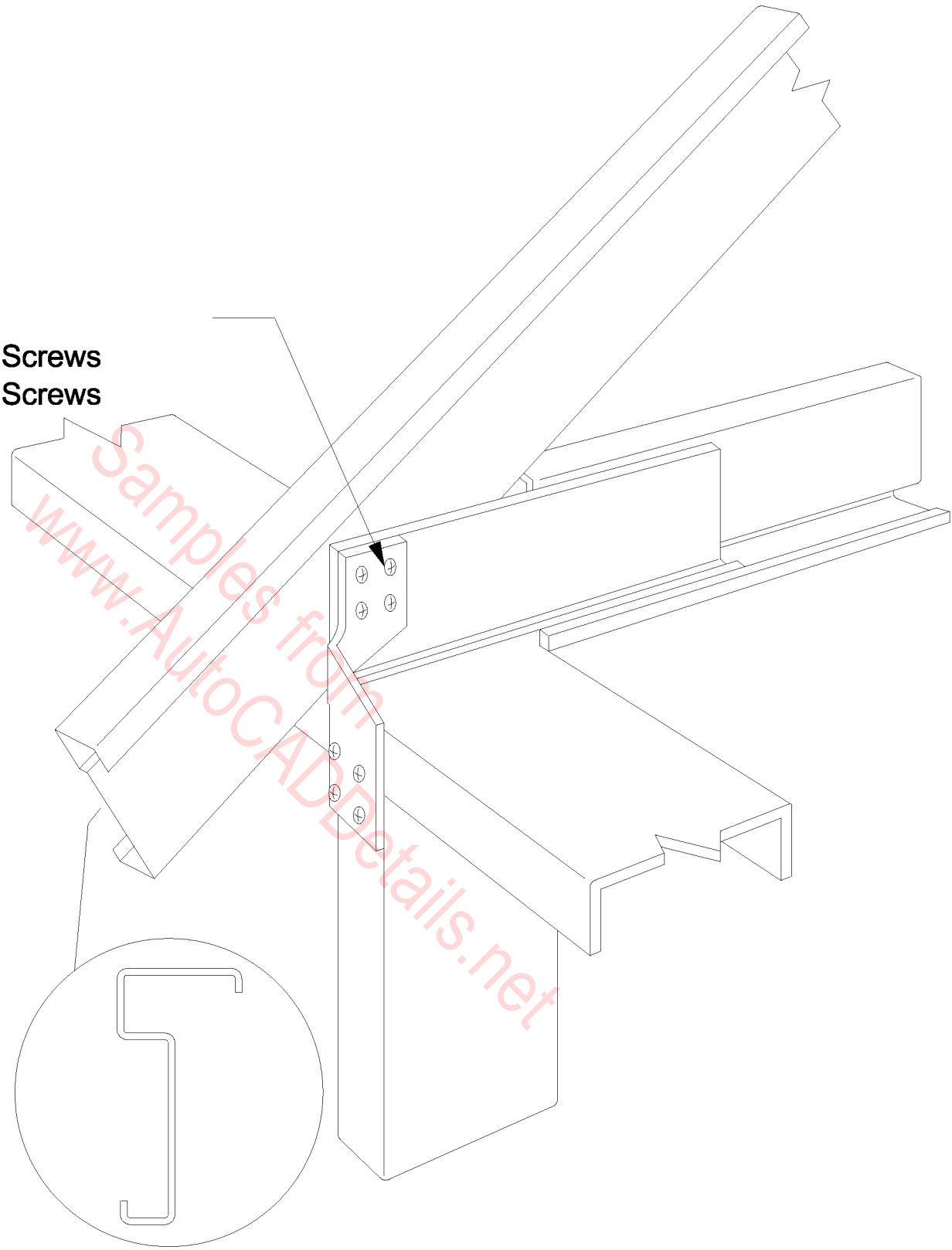
To Rafters	3-#10	Screws
To Plates	3-#10	"
To Studs	1-#10	"



Typical S/H1 Installation (Light Gage Steel Construction)

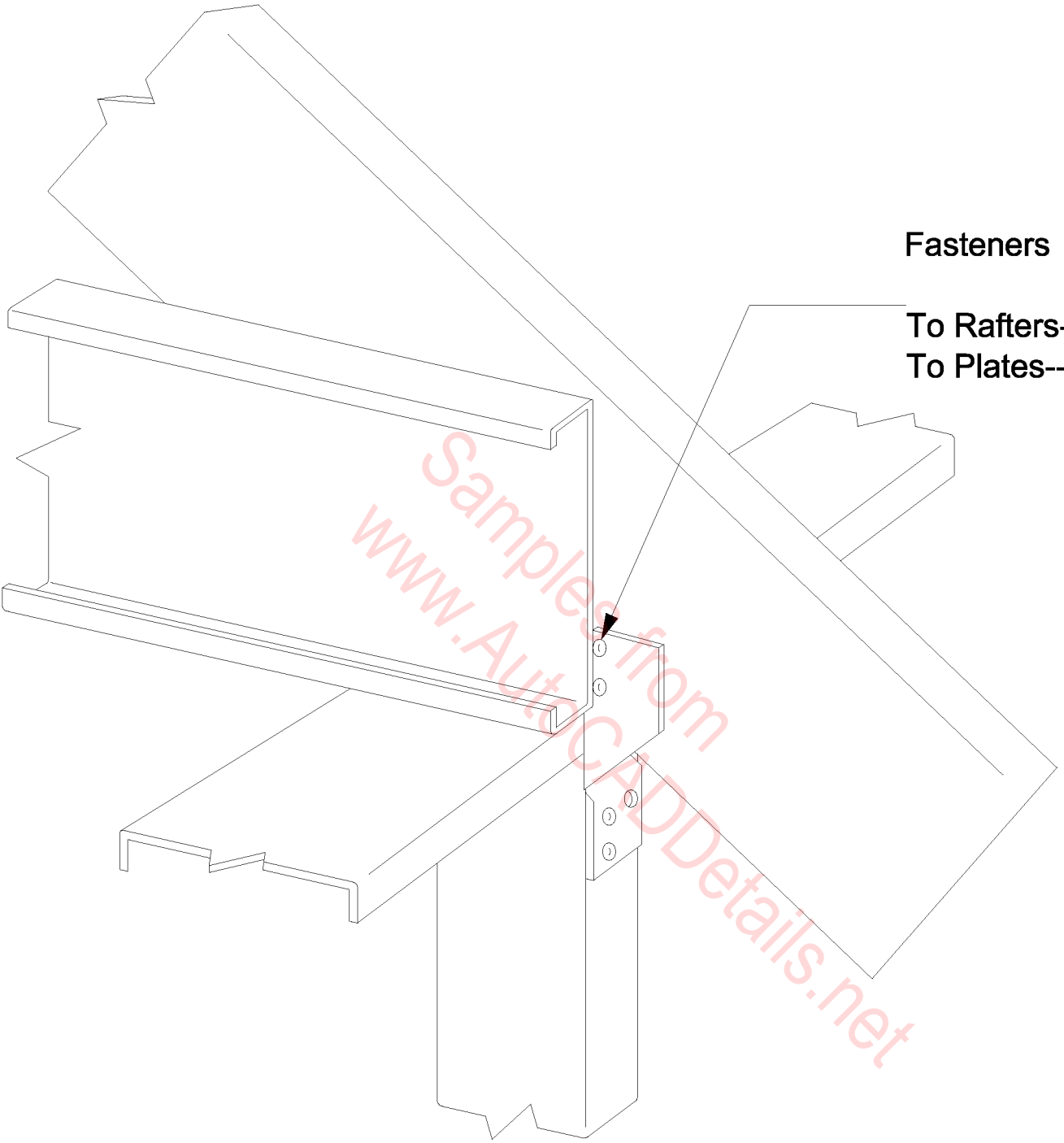
Fasteners

S/H2.5
To Rafters-------4-#10 Screws
To Studs---------4-#10 Screws



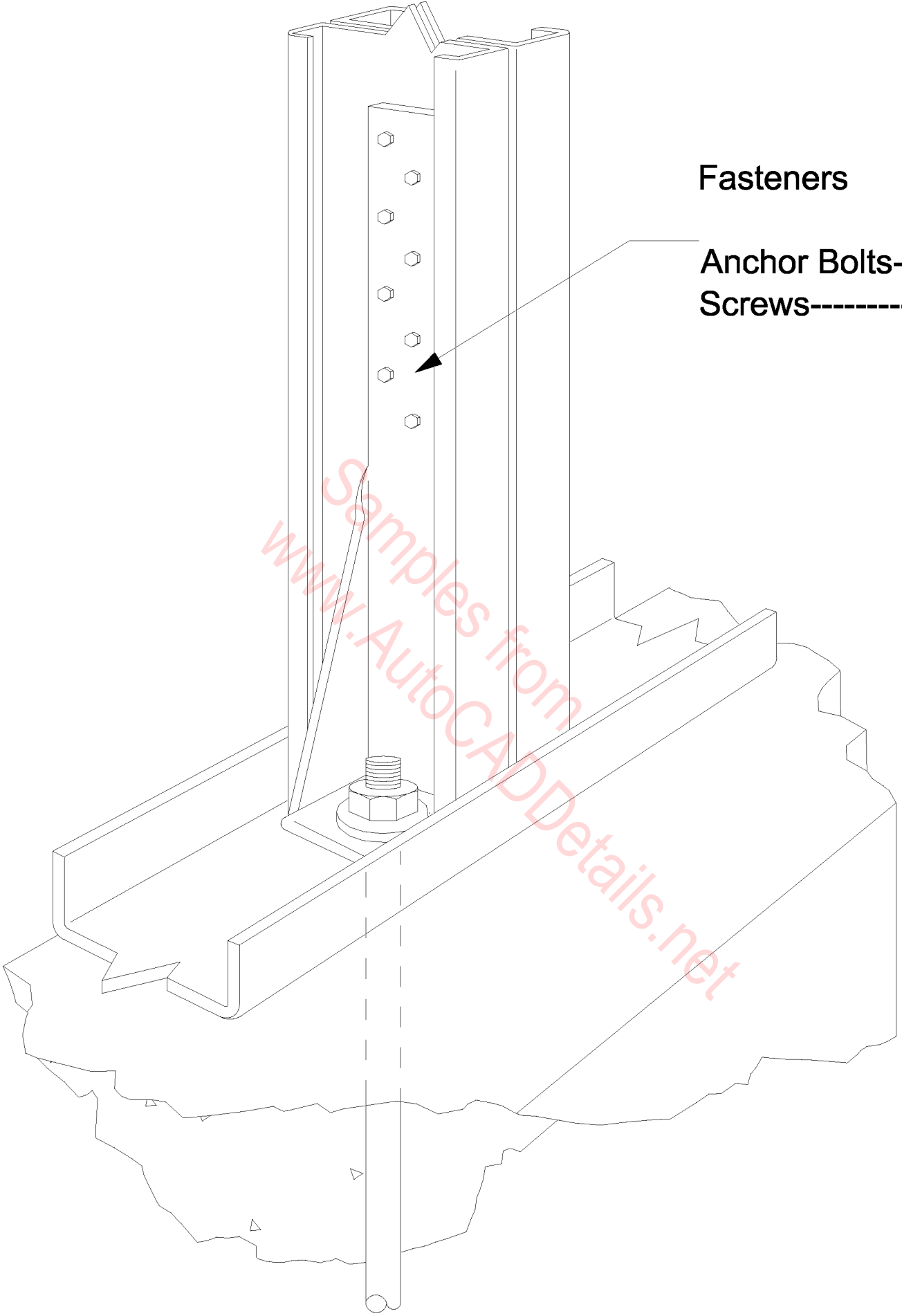
Typical S/H2.5 Installation

(Light Gage Steel Construction)

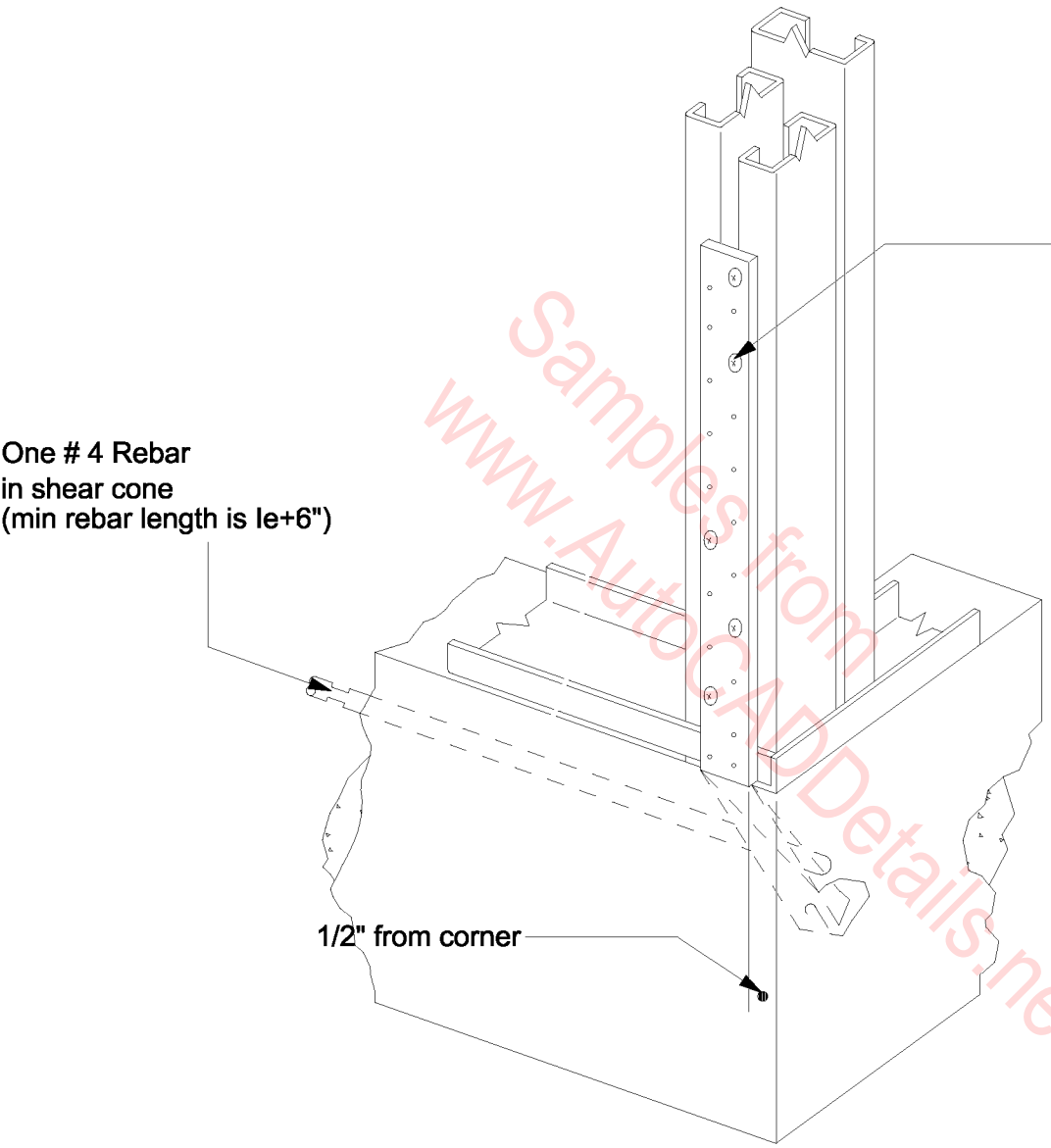


Typical
S/H3 Installation

(Light Gage Steel Construction)



Typical S/HD8 Installation
(Light Gage Steel Construction)



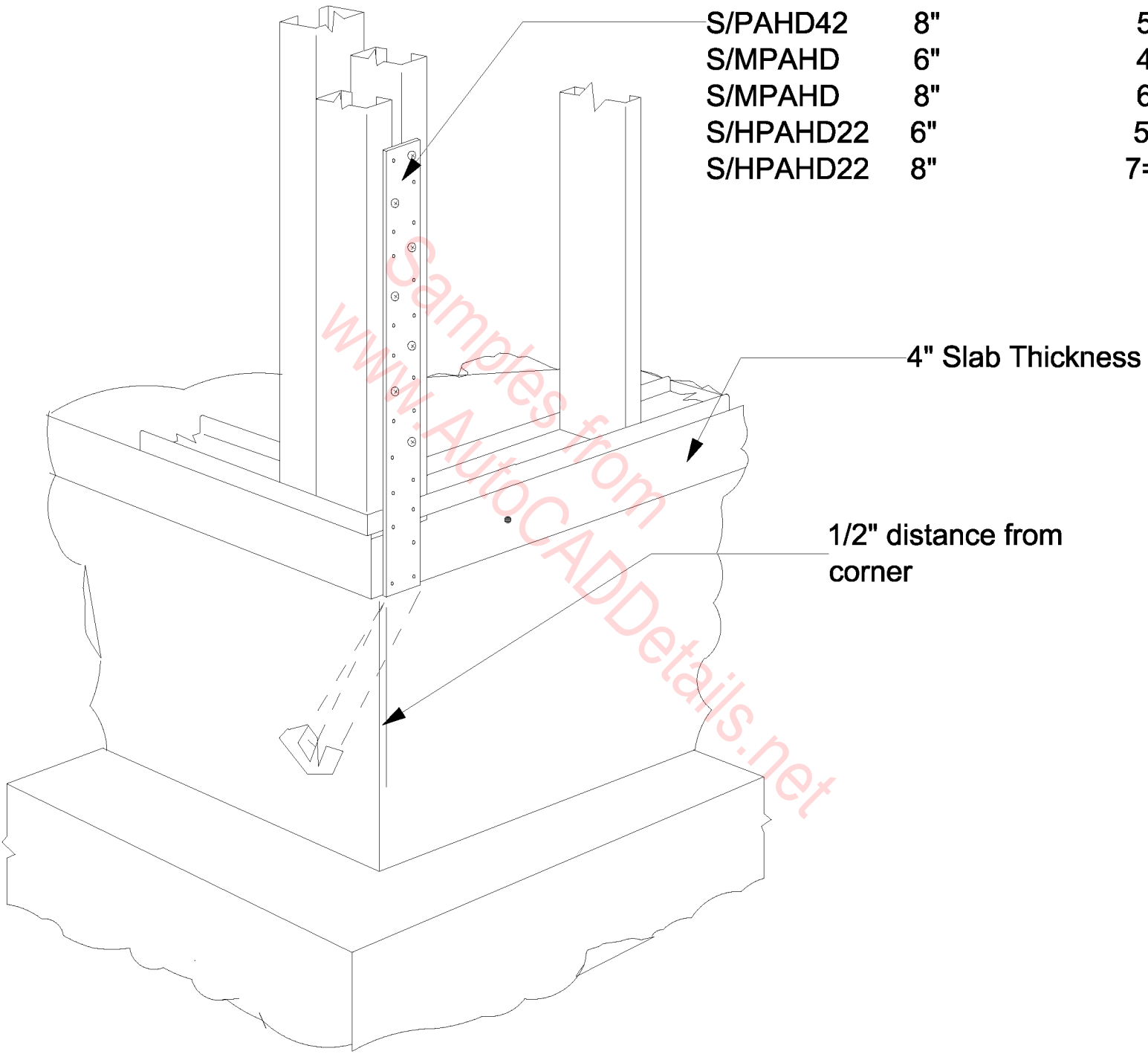
	Fasteners	
	Min Footing Width	Screws
S/PAHD42	6"	4-#10
S/PAHD42	8"	5-#10
S/MPAHD	6"	4-#10
S/MPAHD	8"	6-#10
S/HPAHD22	6"	5-#10
S/HPAHD22	8"	7-#10

Typical S/HPAHD Single Pour
Corner Installation

(Light Gage Steel Construction)

Fasteners

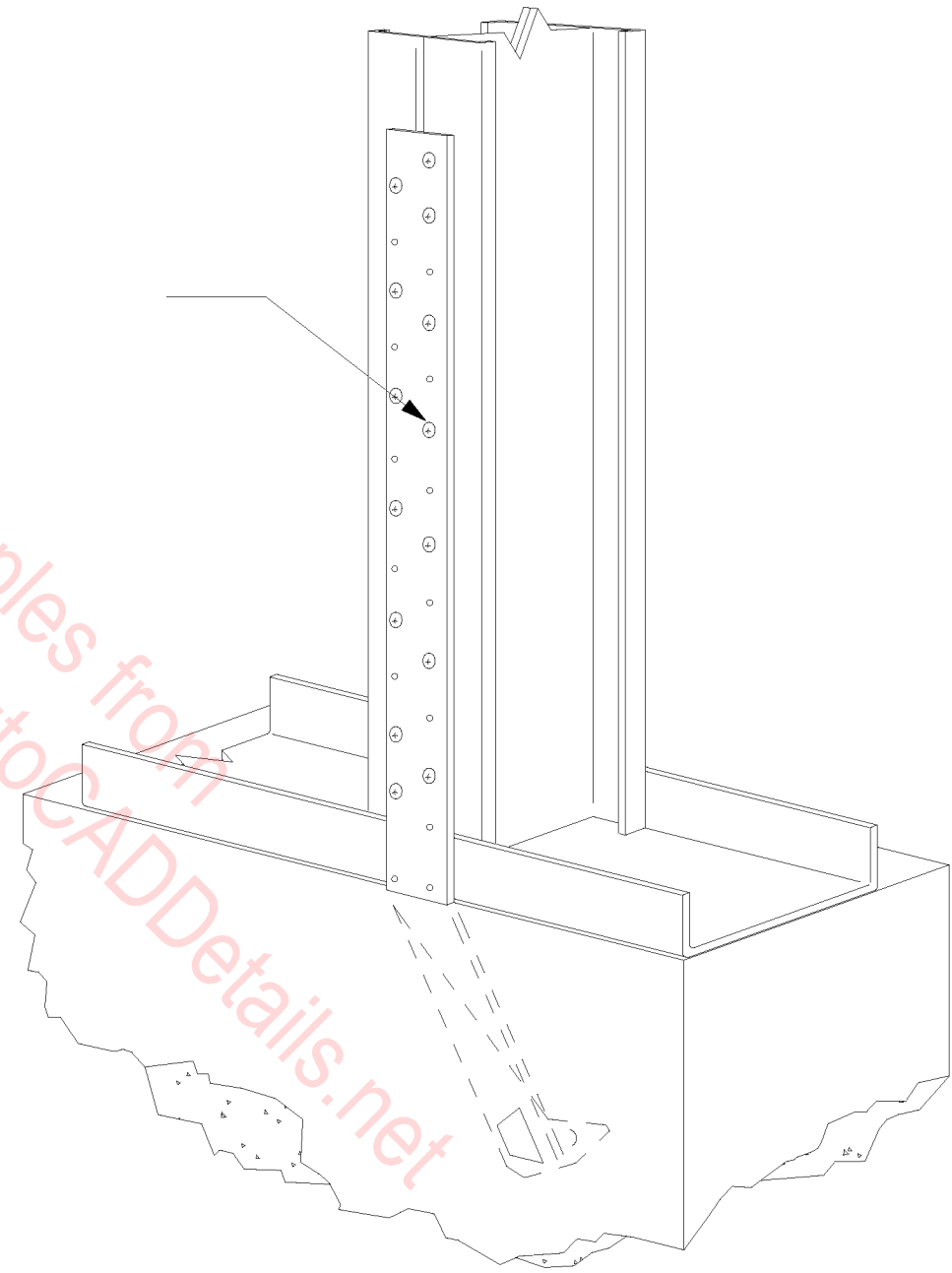
Min Footing	Width	Screws
S/PAHD42	6"	4-#10
S/PAHD42	8"	5-#10
S/MPAHD	6"	4-#10
S/MPAHD	8"	6-#10
S/HPAHD22	6"	5-#10
S/HPAHD22	8"	7=#10



Typical S/HPAHD Double Pour Corner Installation---(Light Gage Steel Construction)

Fasteners

	Min Footing Width	Screws
S/PAHD42	6"	7-#10
S/PAHD42	8"	9-#10
S/MPAHD	6"	9-#10
S/MPAHD	8"	12-#10
S/HPAHD22	6"	10-#10
S/HPAHD22	8"	14-#10

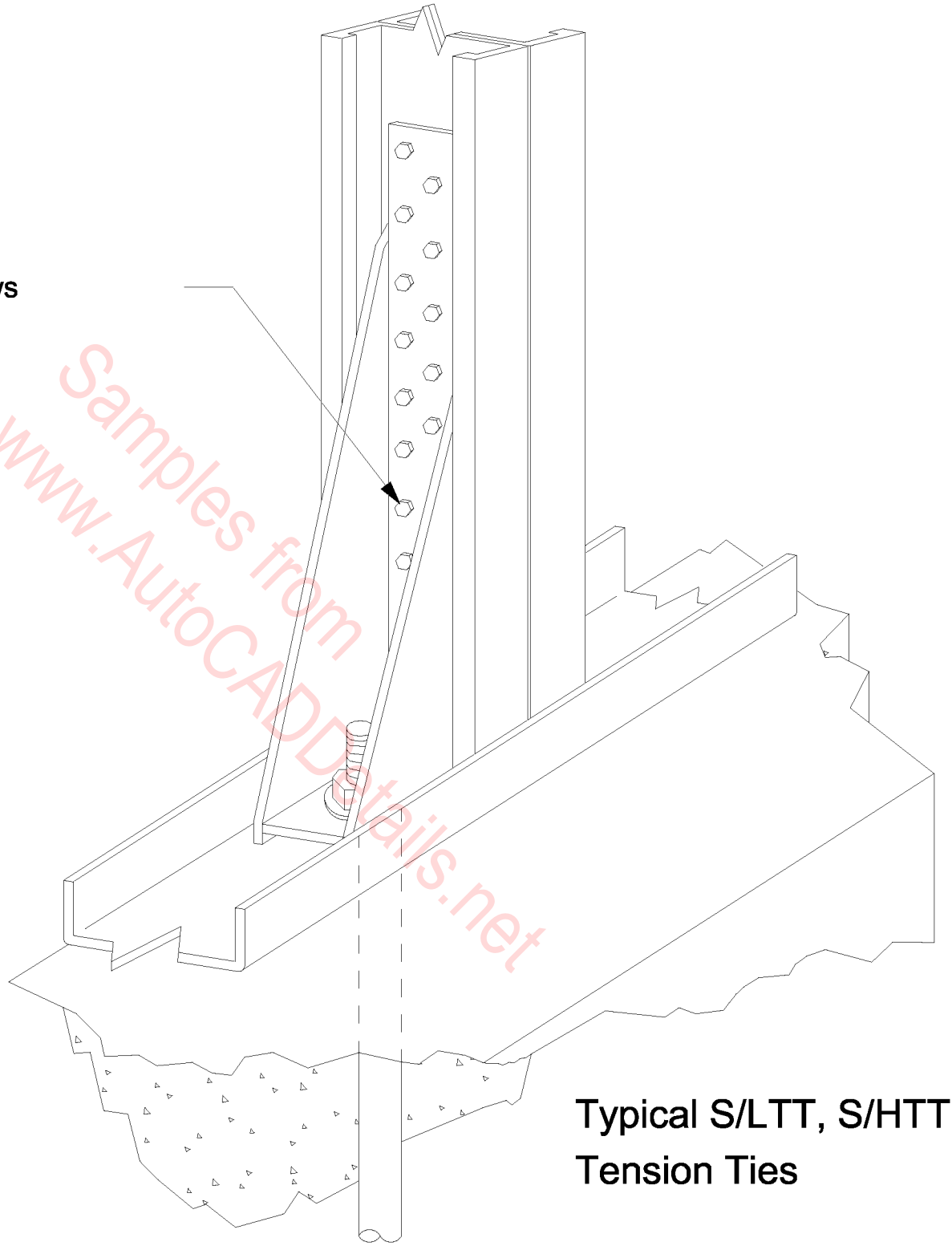


Typical S/HPAHD
Single Pour Edge Installation

(Light Gage Steel Construction)

Fasteners

	Bolts	Screws
S/LTT20	1/2"	6-#10
S/HTT14	5/8"	16-#10



Typical S/LTT, S/HTT
Tension Ties

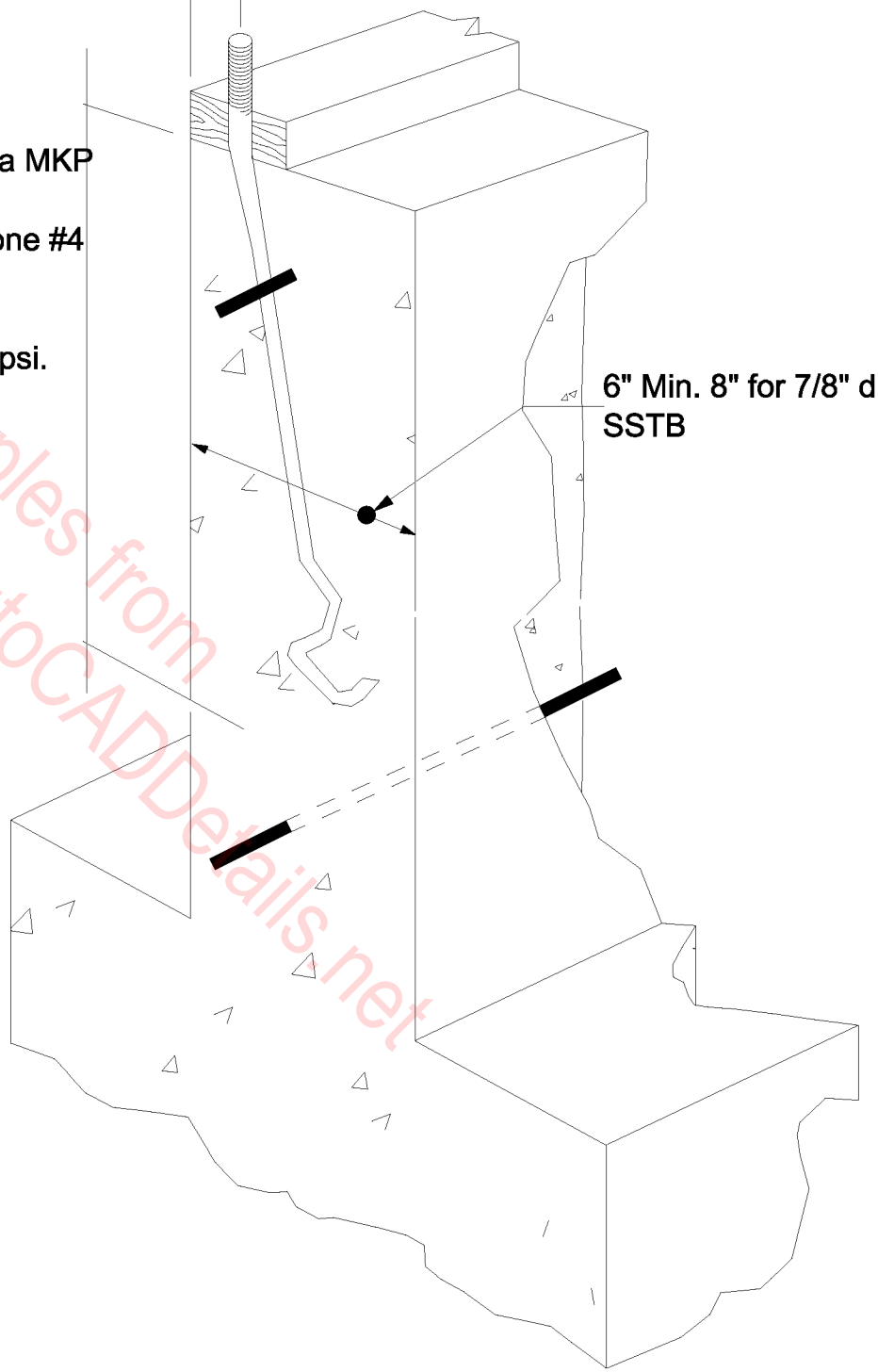
(Light Gage Steet Construction)

1 3/4" Min. Edge Distance

Install SSTB before the concrete pour using a MKP (hold down). Install the SSTB diagonally at approximately 45 deg. from the wall. Install one #4 rebar 3" to 5" from the top of the foundation.

Min. concrete compression strength is 2500 psi.

SSTB is suitable for monolithic and two pour installation.



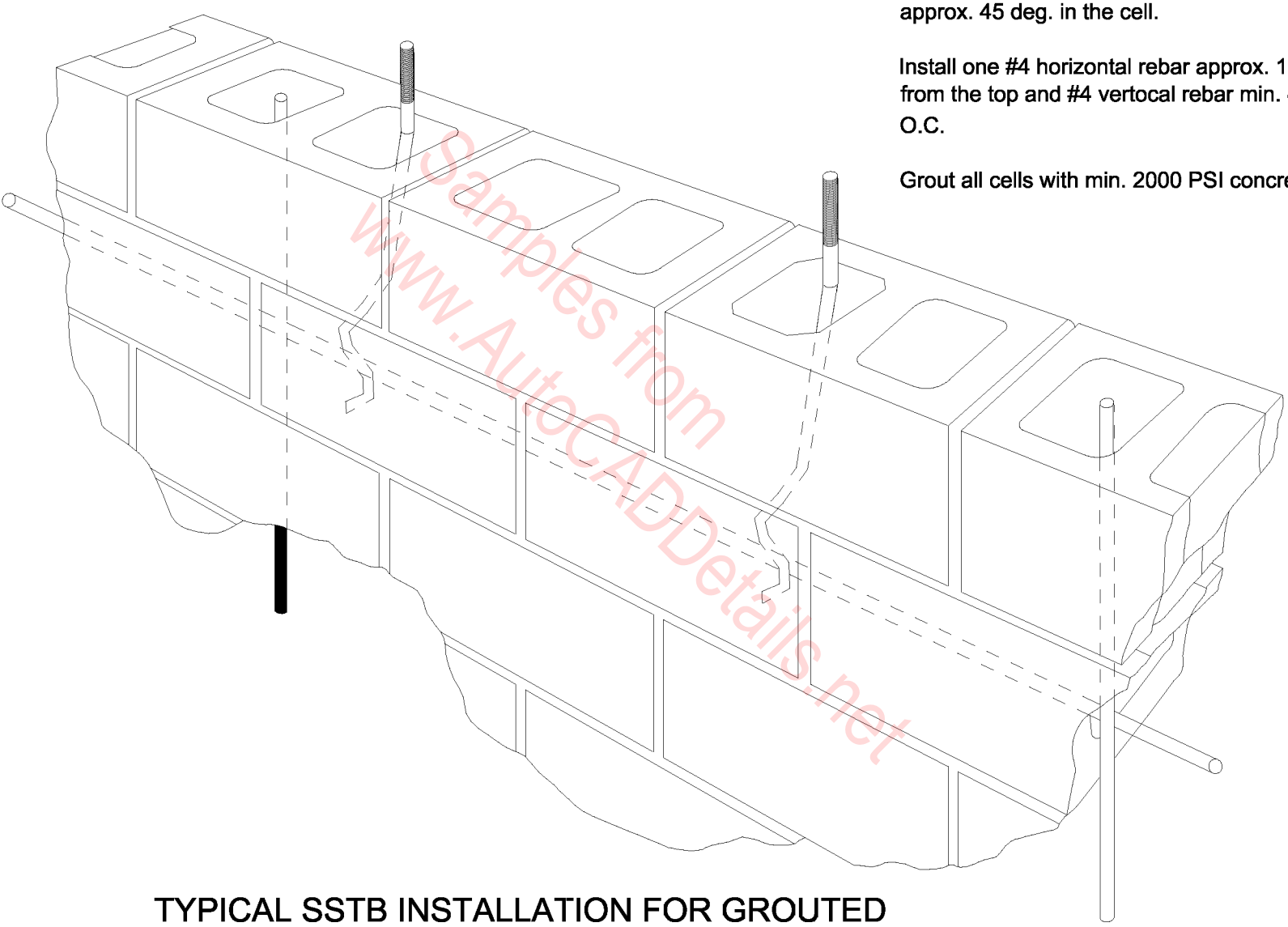
TYPICAL SSTB INSTALLATION FOR CONCRETE FOUNDATION

NOTE:

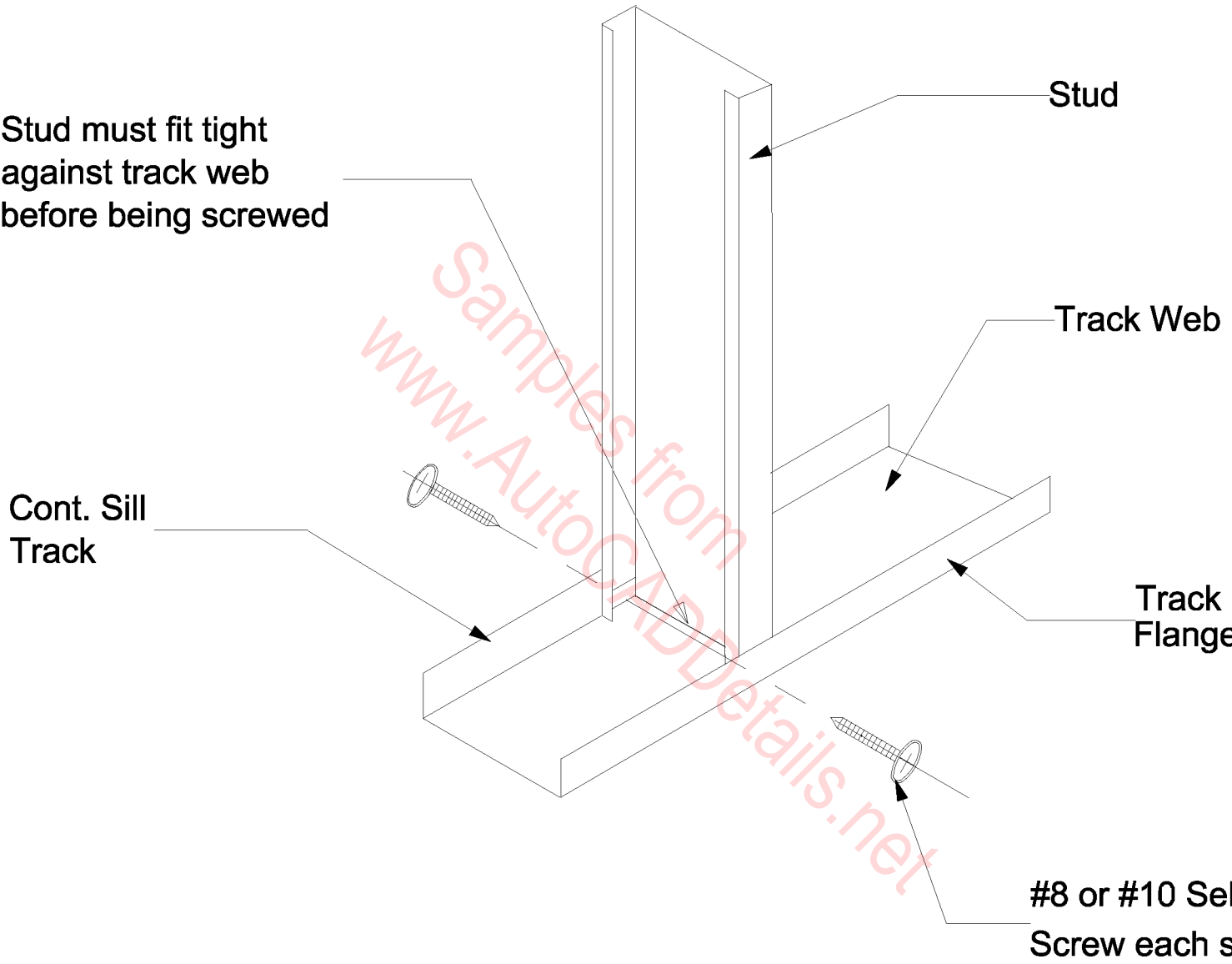
Before concrete pour, Install diagonally at approx. 45 deg. in the cell.

Install one #4 horizontal rebar approx. 12" from the top and #4 vertocal rebar min. 48" O.C.

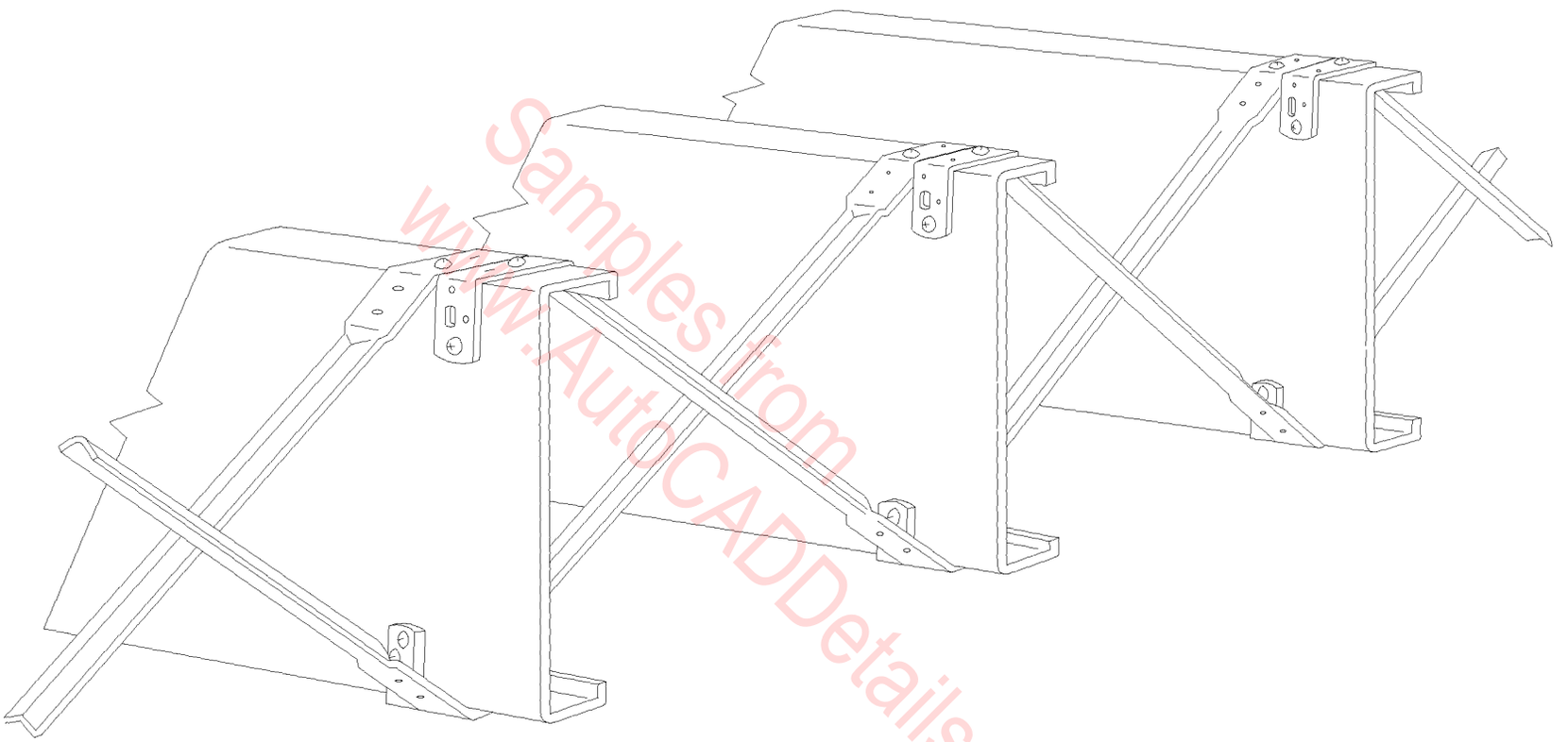
Grout all cells with min. 2000 PSI concrete.



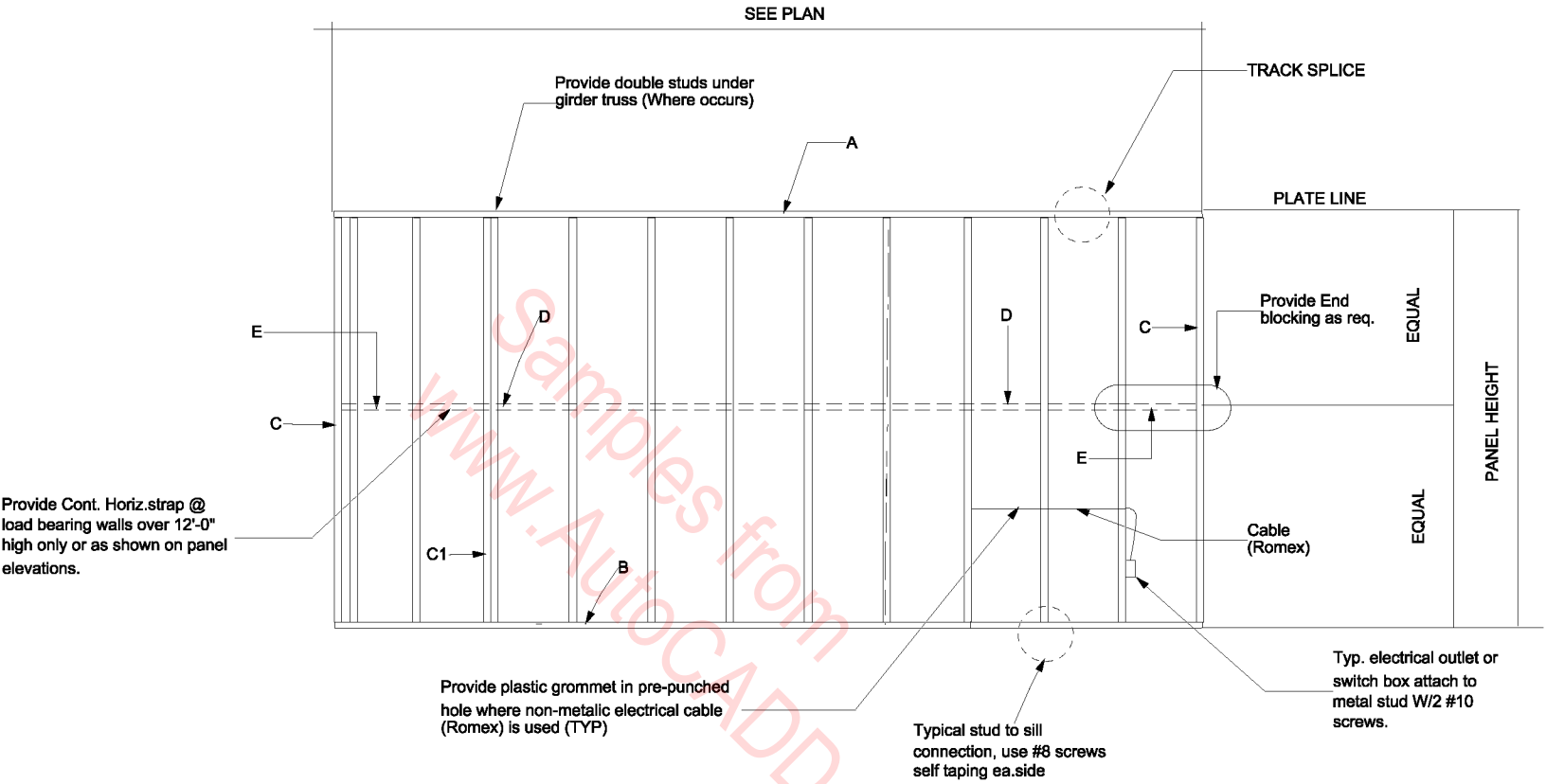
TYPICAL SSTB INSTALLATION FOR GROUTED CONCRETE BLOCK



TYPICAL STUD TO SILL TRACK CONNECTION



Typical TB Installation
(Light Gage Steet Construction)



SCHEDULE

MARK	DESCRIPTION	QTY	SIZE (*)
A	Top Track		3 1/2" x 20ga .
B	Bottom Track		3 1/2" x 20ga.
C	Stud		3 1/2" x 20ga.
C1	Double Stud		(2) 3 1/2" x 20ga.
D	Strap		2"x 16ga.
E	Blocking		3 1/2" x 20ga

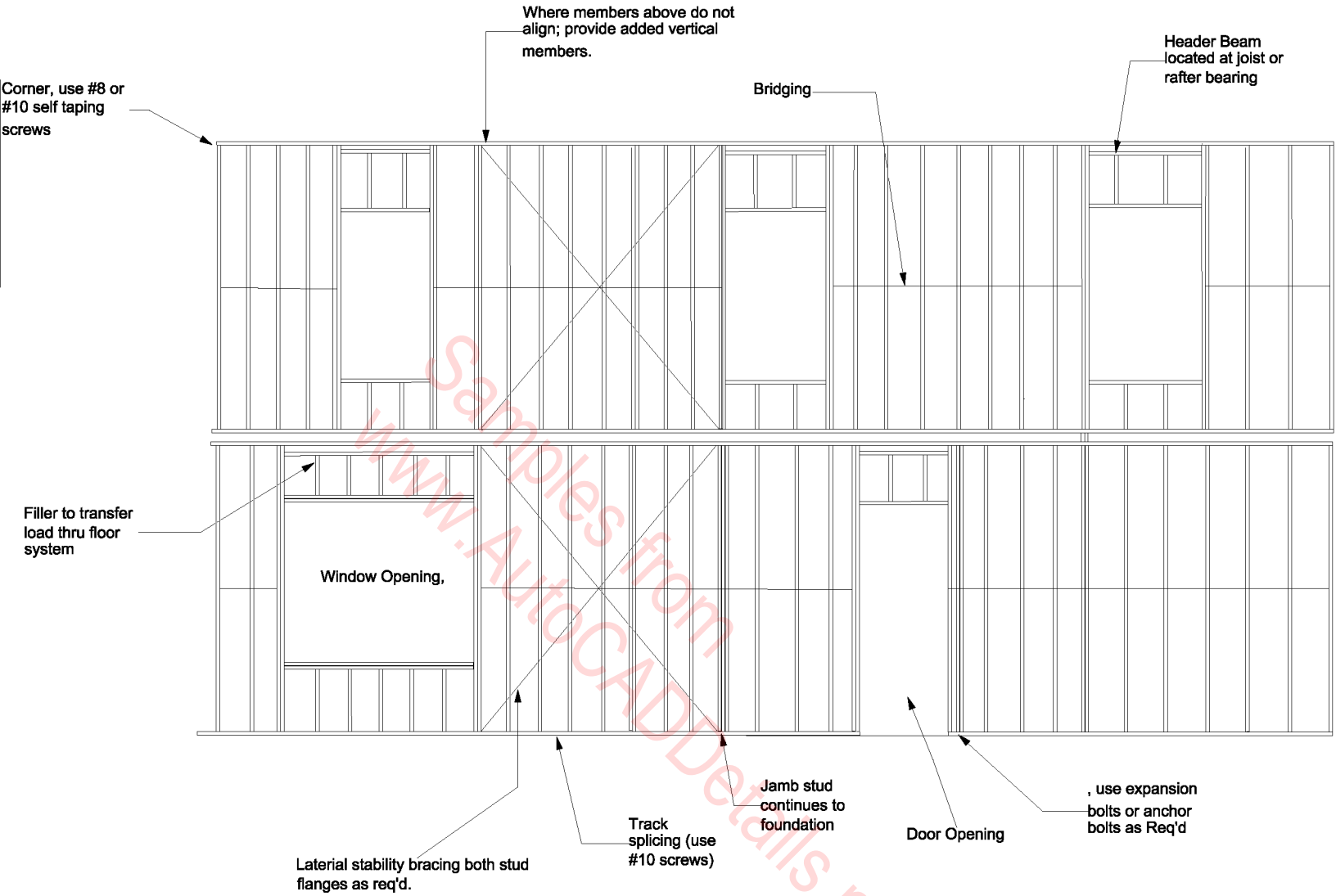
NOTES:

* Member sizes shown in this detail are typical except as otherwise shown on the plans or specific panel elevations.

All studs shall be spaced at 24" 0.c. except as shown otherwise and as noted below.

Load bearing studs shall be spaced so as to fall directly under roof trusses/rafters or under floor joists.

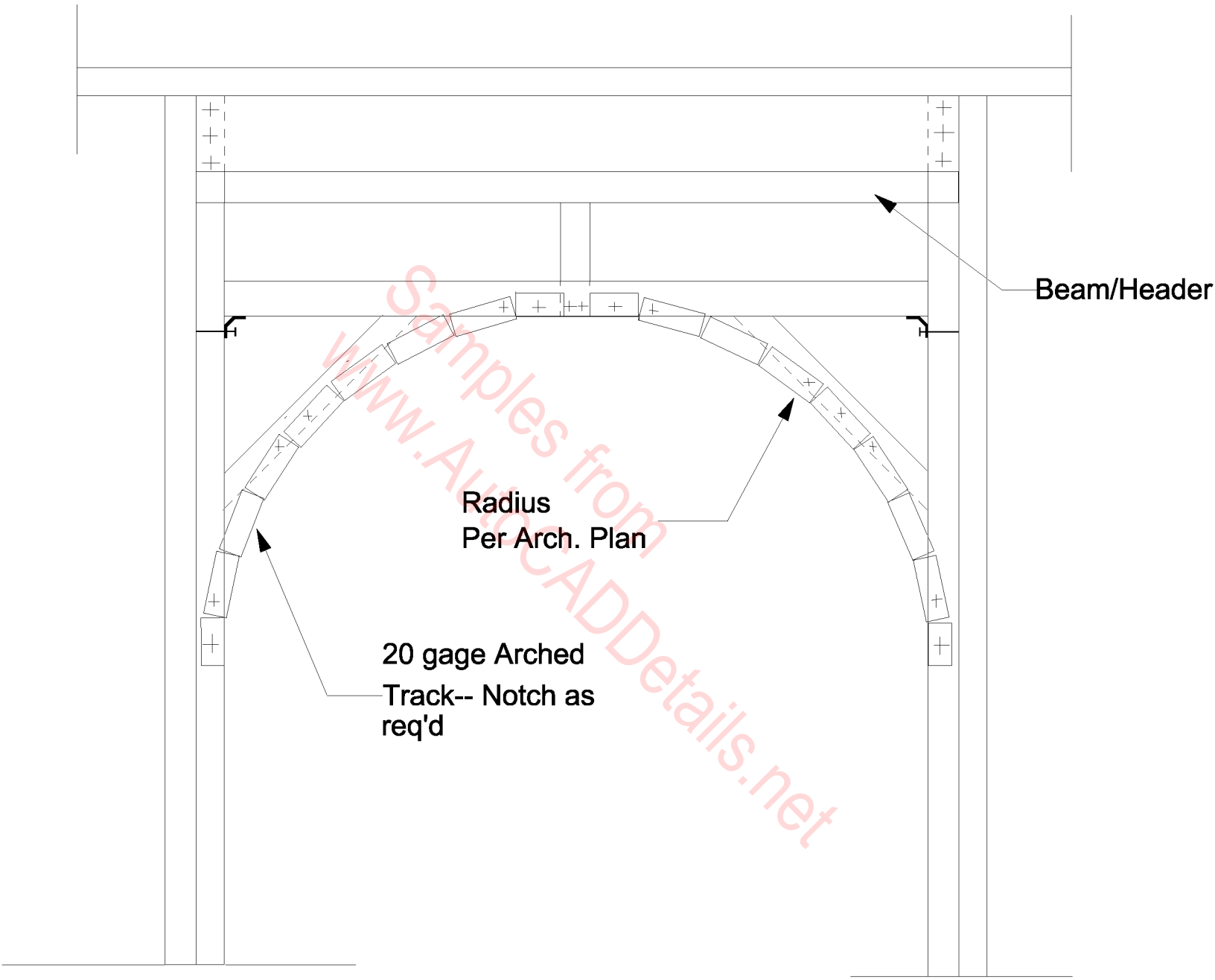
TYPICAL WALL FRAMING ELEVATION



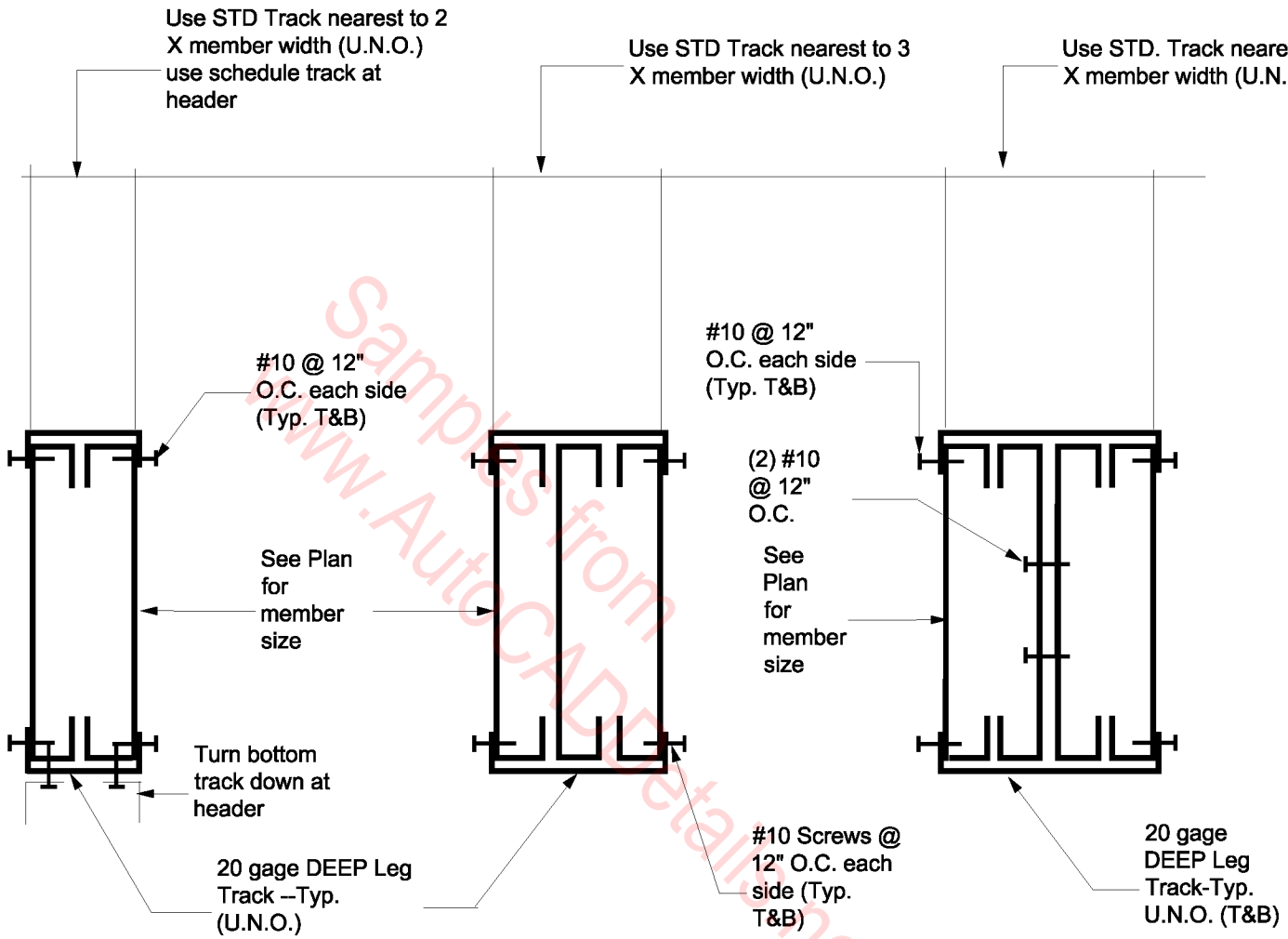
NOTES:

1. Joists align over wall studs (TYP)
2. Jamb members must be carried down all walls to foundation. (TYP)
3. Stud web penetrations, SEE pg 678.
4. Headers for openings may be located directly above openinf or at joist bearing. When located at window head, cripple studs must be tightly seated for full bearing.

TYPICAL WALL FRAMING ELEVATION---2 STORY



TYPICAL ARCH OPENING DETAIL

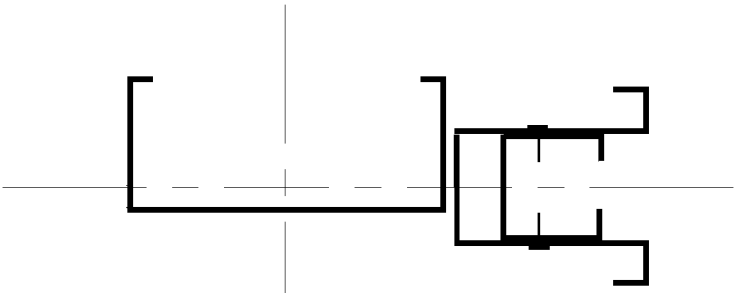


BEAM/HEADER A

BEAM B

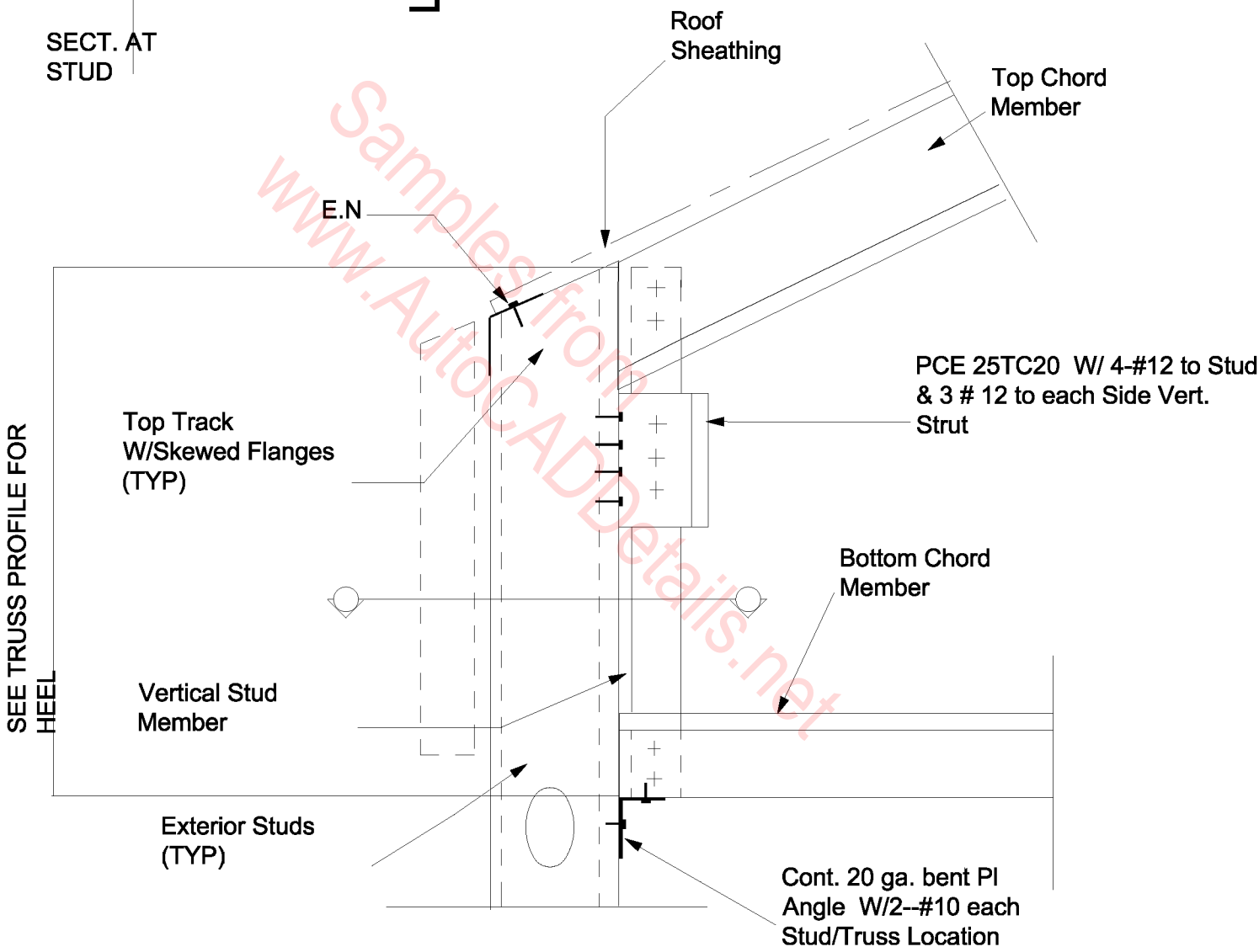
BEAM C

TYPICAL BOXED HEADER AND BEAM DETAILS

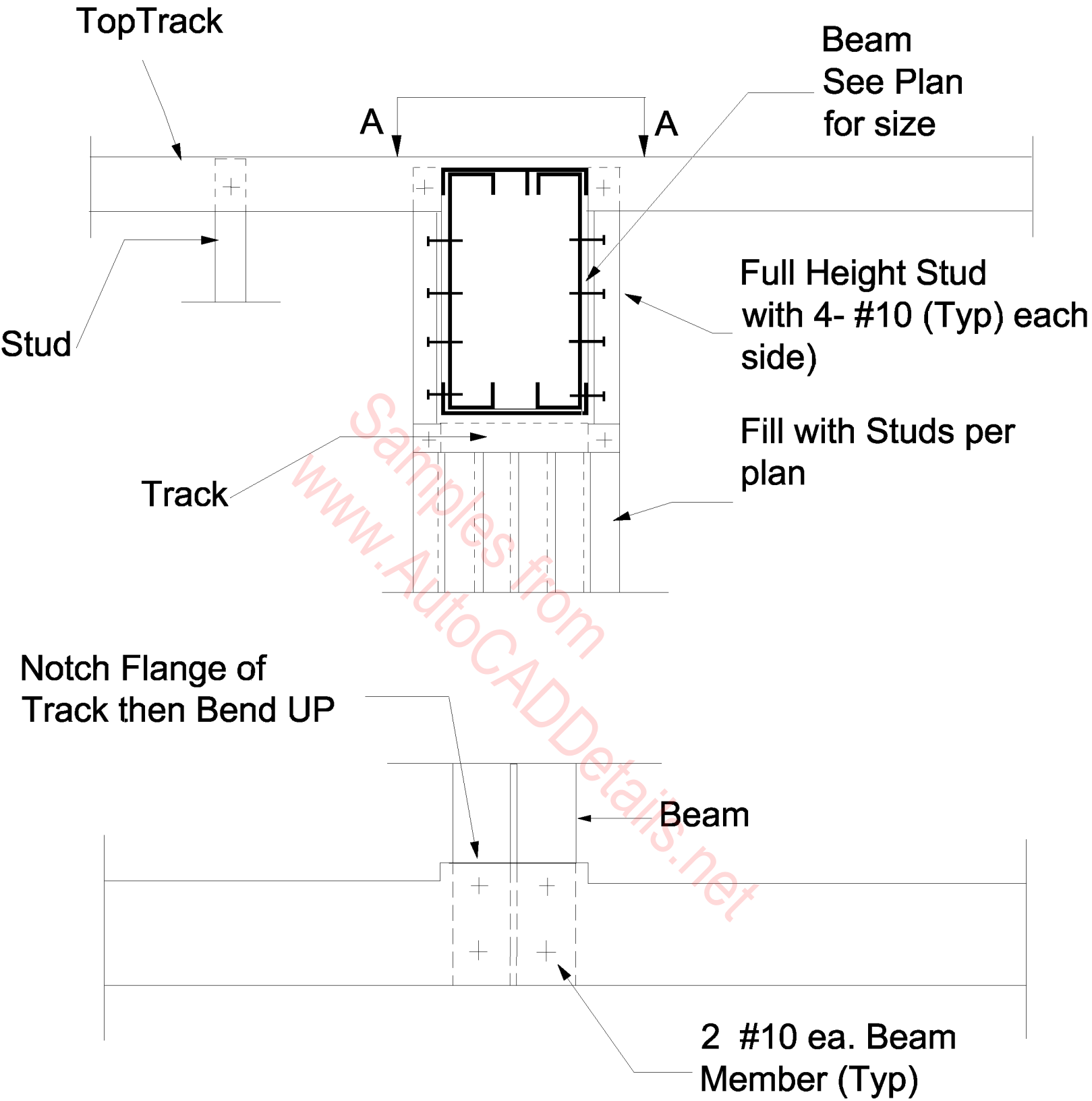


SECT. AT
STUD

NOTE:
Vertical Heel Member may be screwed directly to stud without the use of a connector

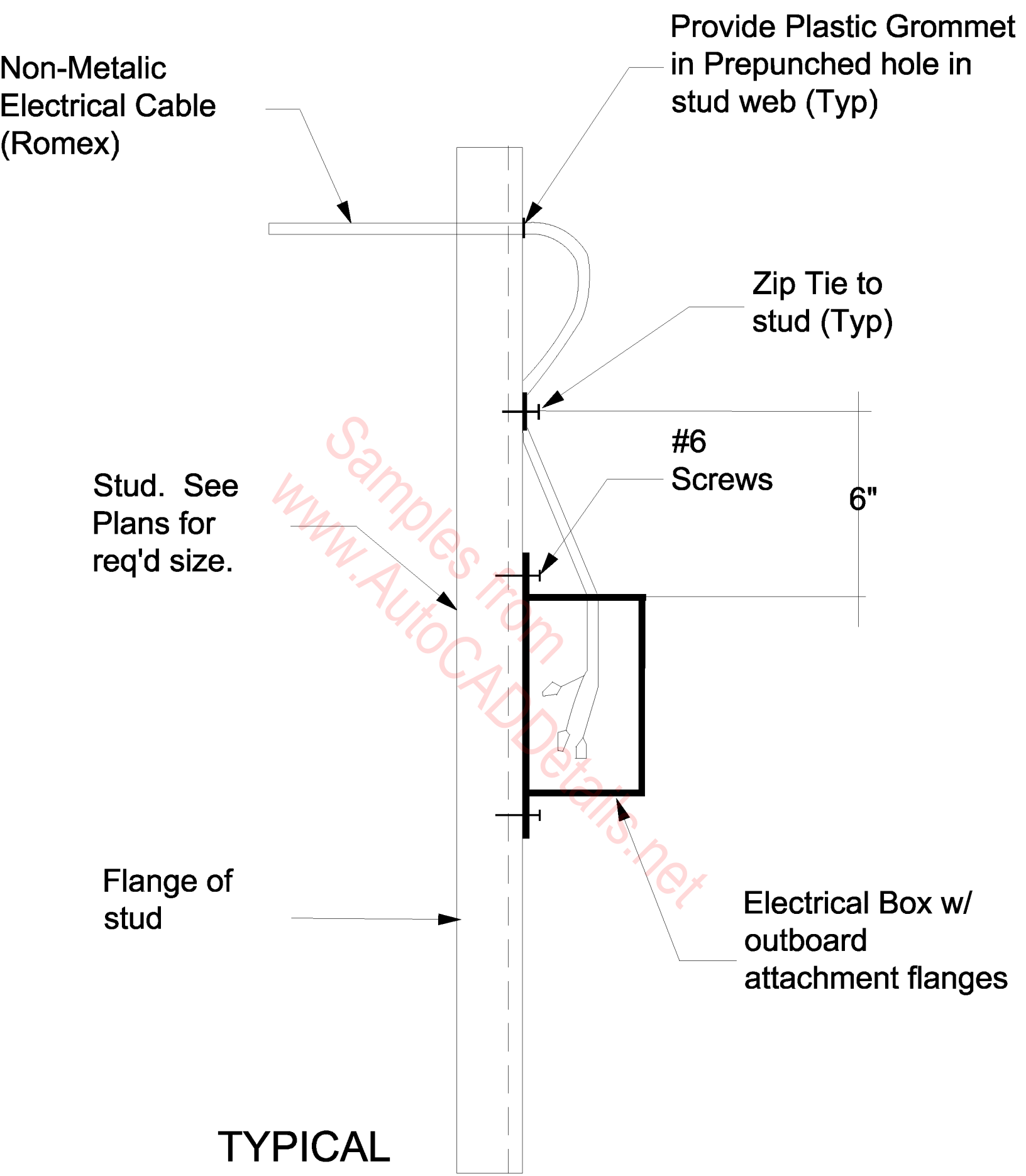


TRUSS CONNECTION TO FACE OF STUD

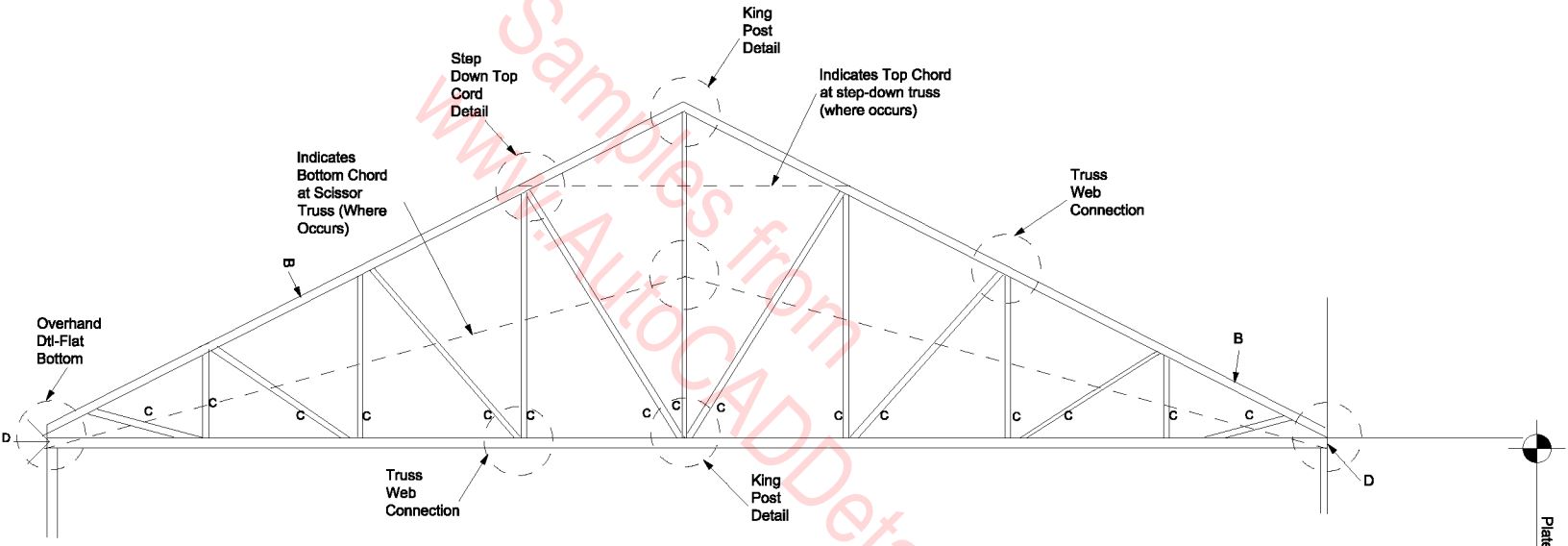


PLAN SEC.
A-A

TYPICAL DROPPED BEAM TO WALL CONNECTION



TYPICAL ELECTRICAL ATTACHMENT DETAIL

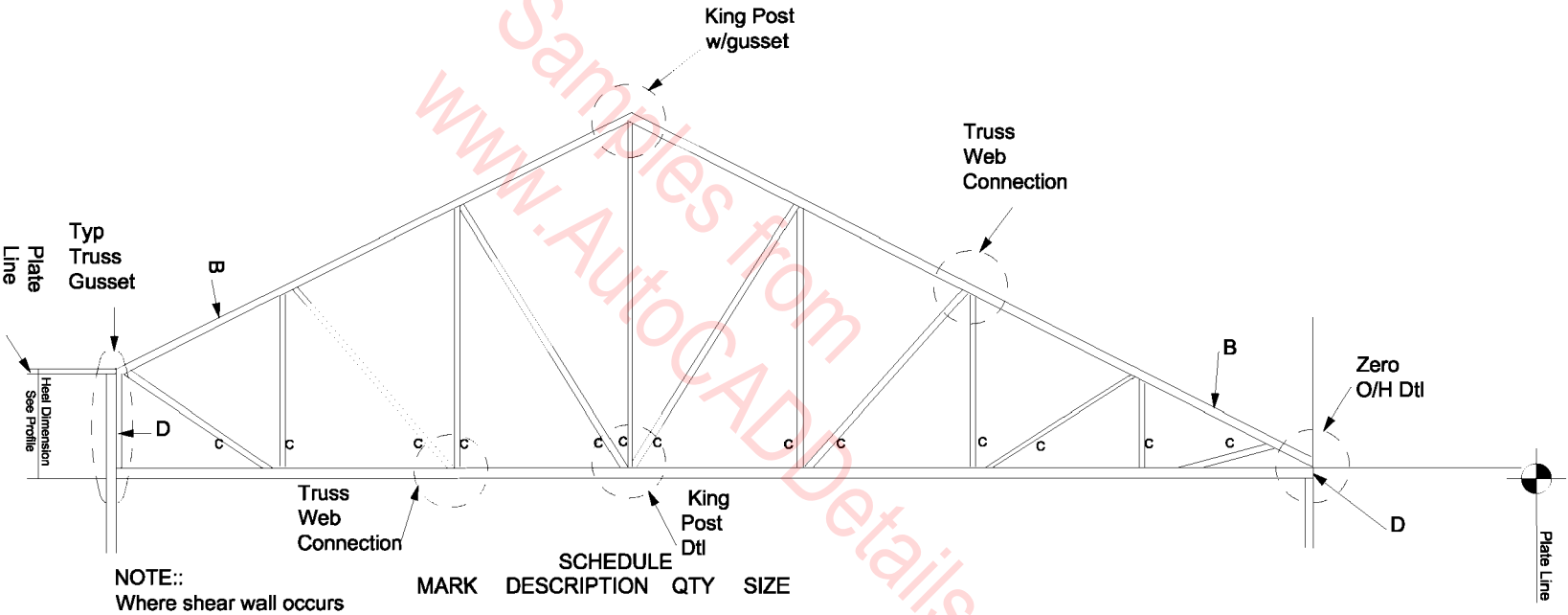


SCHEDULE

MARK	DESCRIPTION	QTY	SIZE
A	Bottom Chord	---	25TC20
B	Top Chord	---	25TC20
C	Web	---	15TW20
D	Heel	---	15TW20

NOTE::
Where shear wall occurs
Below and heel dimension
Exceeds 10"--Frame truss
To inside face of stud &
Connect per detail Ref.

TYPICAL GUSS TRUSS ELEVATION

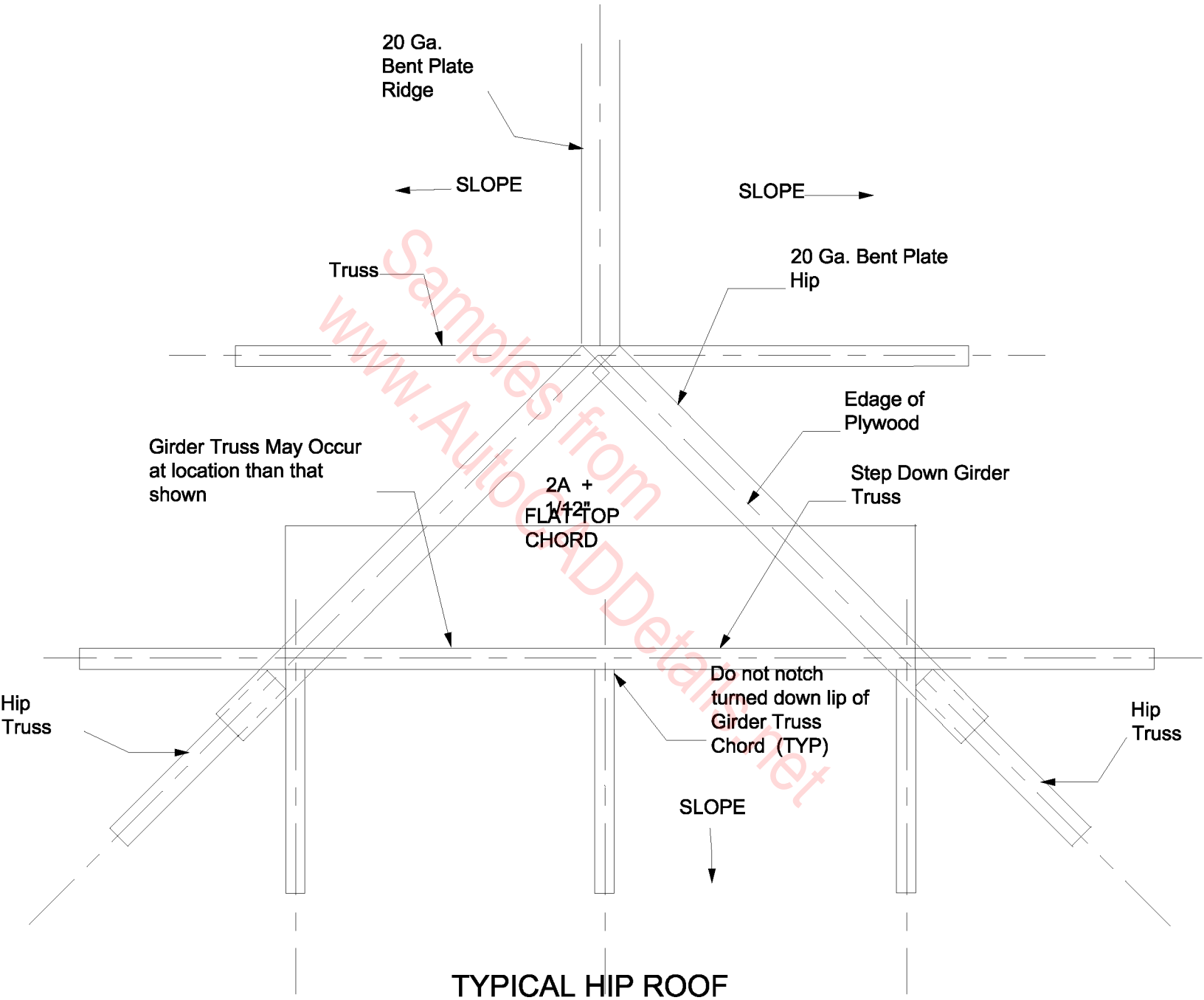


NOTE::
Where shear wall occurs
Below and heel dimension
Exceeds 10"--Frame truss
To inside face of stud &
Connect per detail Ref.

SCHEDULE

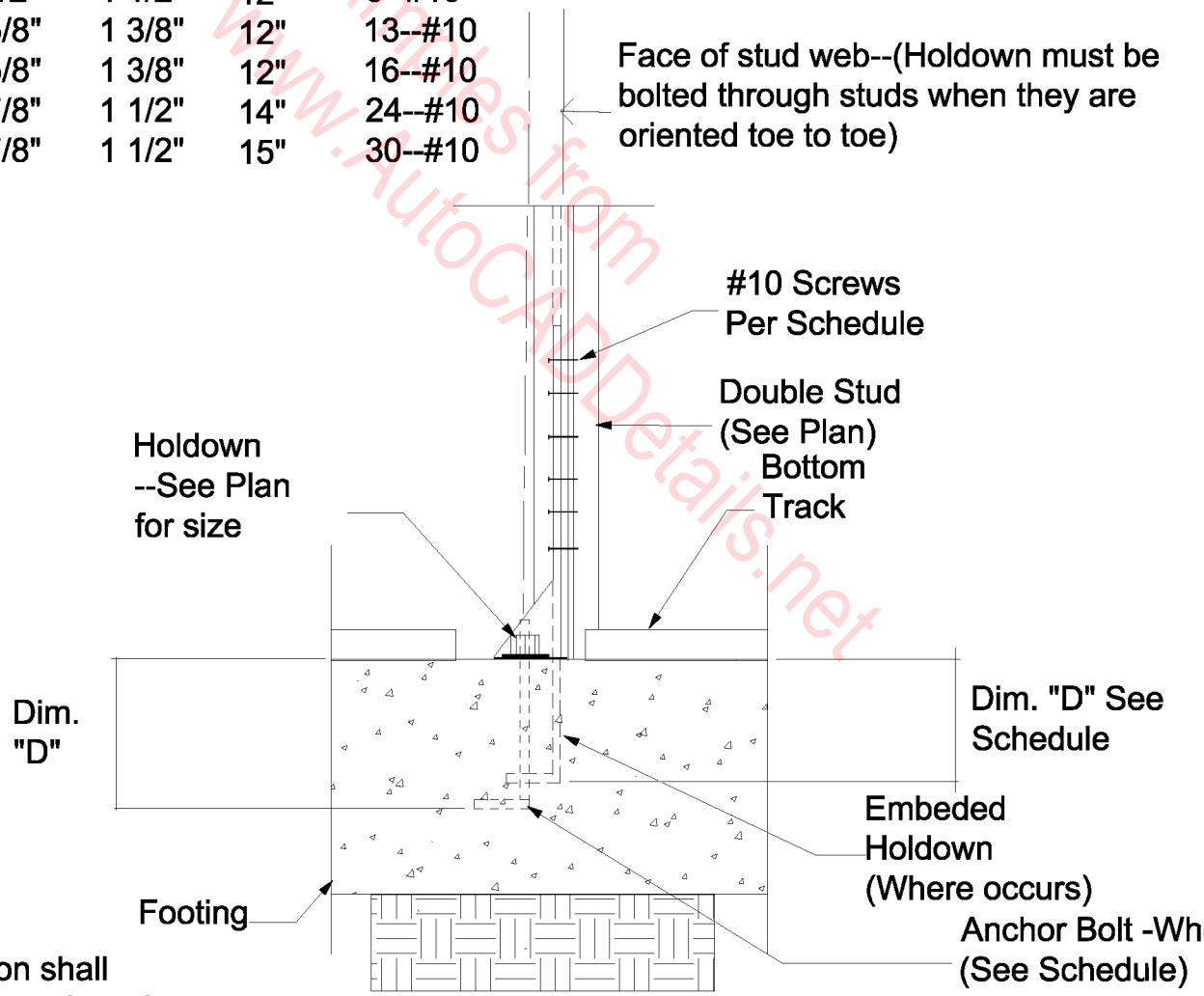
MARK	DESCRIPTION	QTY	SIZE
A	Bottom Chord	---	25TC20
B	Top Chord	---	25TC20
C	Web	---	15TW20
D	Heel	---	15TW20

TYPICAL GUSS TRUSS ELEVATION



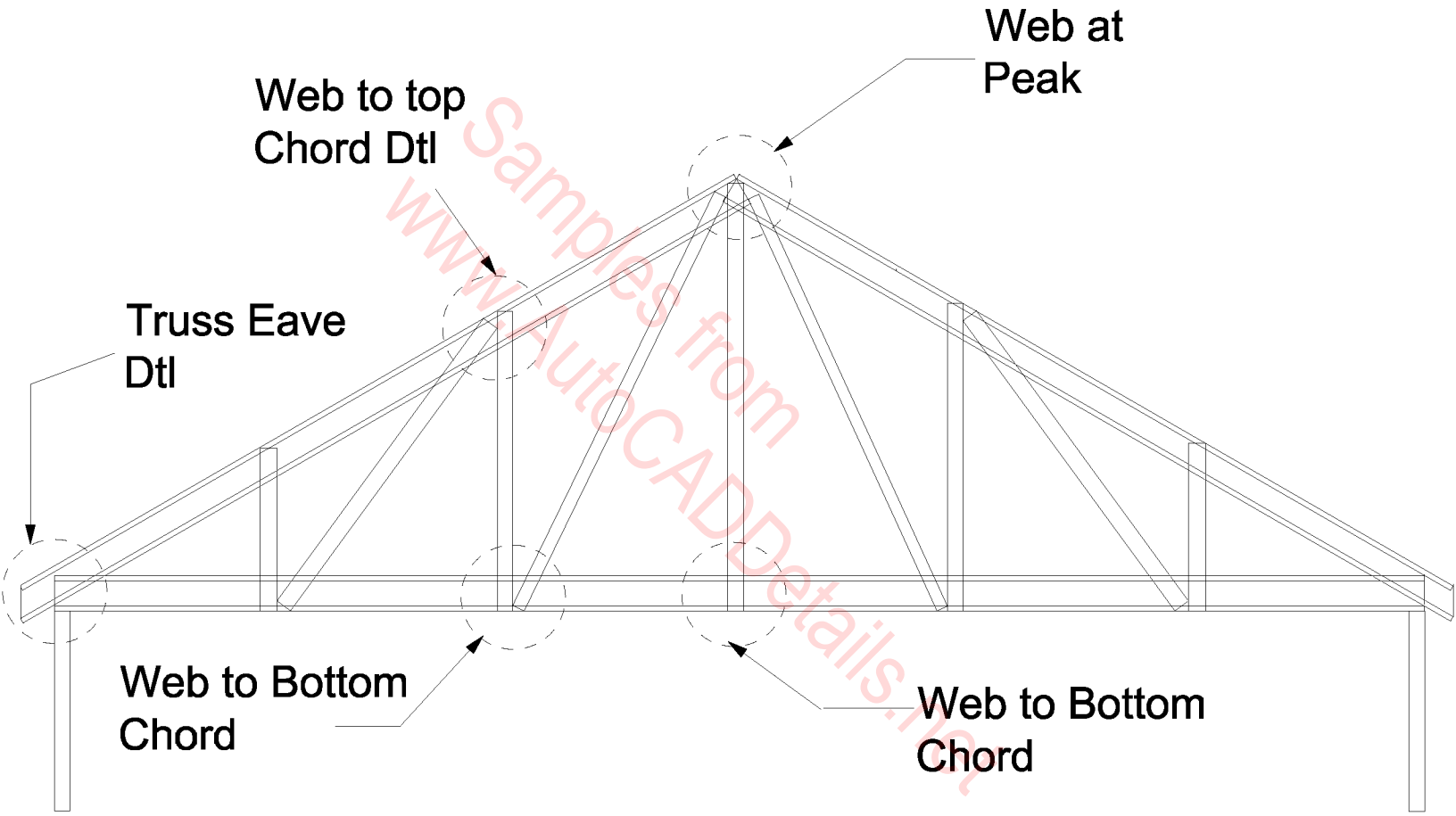
TYPICAL HIP ROOF PLAN

Holdown	A.B SIZE	DIM "A":	DIM "D"	FASTENERS 8--10
LTT19	3/4"	1 1/2"	12"	10--10
LTT20	1/2"	1 1/2"	12"	10--10
LTT20B	3/4"	1 1/2"	12"	24--10
MTT28B	3/4"	1 1/2"	14"	17--10
HPAHD22			10" Min	2-5/8" BLTS
HD2A	5/8"	1 1/2"	12"	2-3/4" BLTS
HD5A	3/4"	2 1/16"	14"	2-7/8" BLTS
HD6A	7/8"	2 1/16"	15"	3-7/8" BLTS
HD8A	7/8"	2 1/16"	15"	4-7/8" BLTS
HD10A	7/8"	2 1 16"	20"	4-1" BLTS
HD20A	1"	2 3/16"	30	4-1" BLTS
HD15	1 1/4"	2 1/8"	30"	5-1" BLTS
S/LTT20	1/2"	1 1/2"	12"	6--#10
S/MTT14	5/8"	1 3/8"	12"	13--#10
S/HTT14	5/8"	1 3/8"	12"	16--#10
S/HD8	7/8"	1 1/2"	14"	24--#10
S/HD10	7/8"	1 1/2"	15"	30--#10

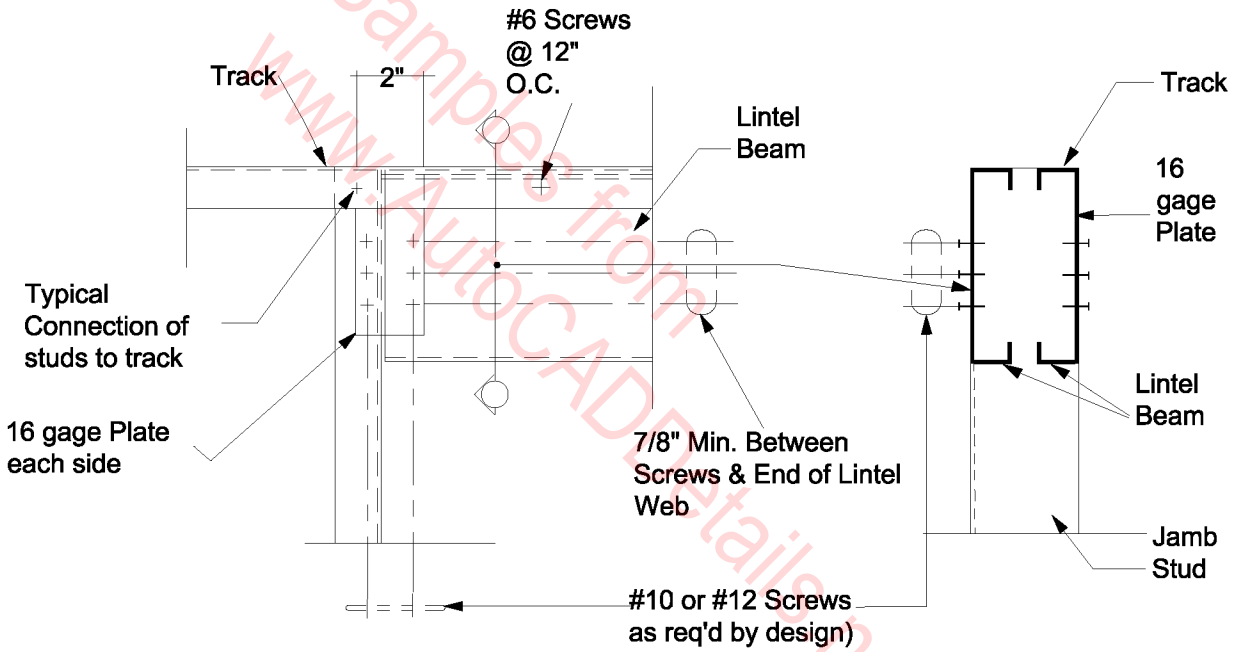


NOTE:
Bolt projection shall be the same as thread length. U.N.O.

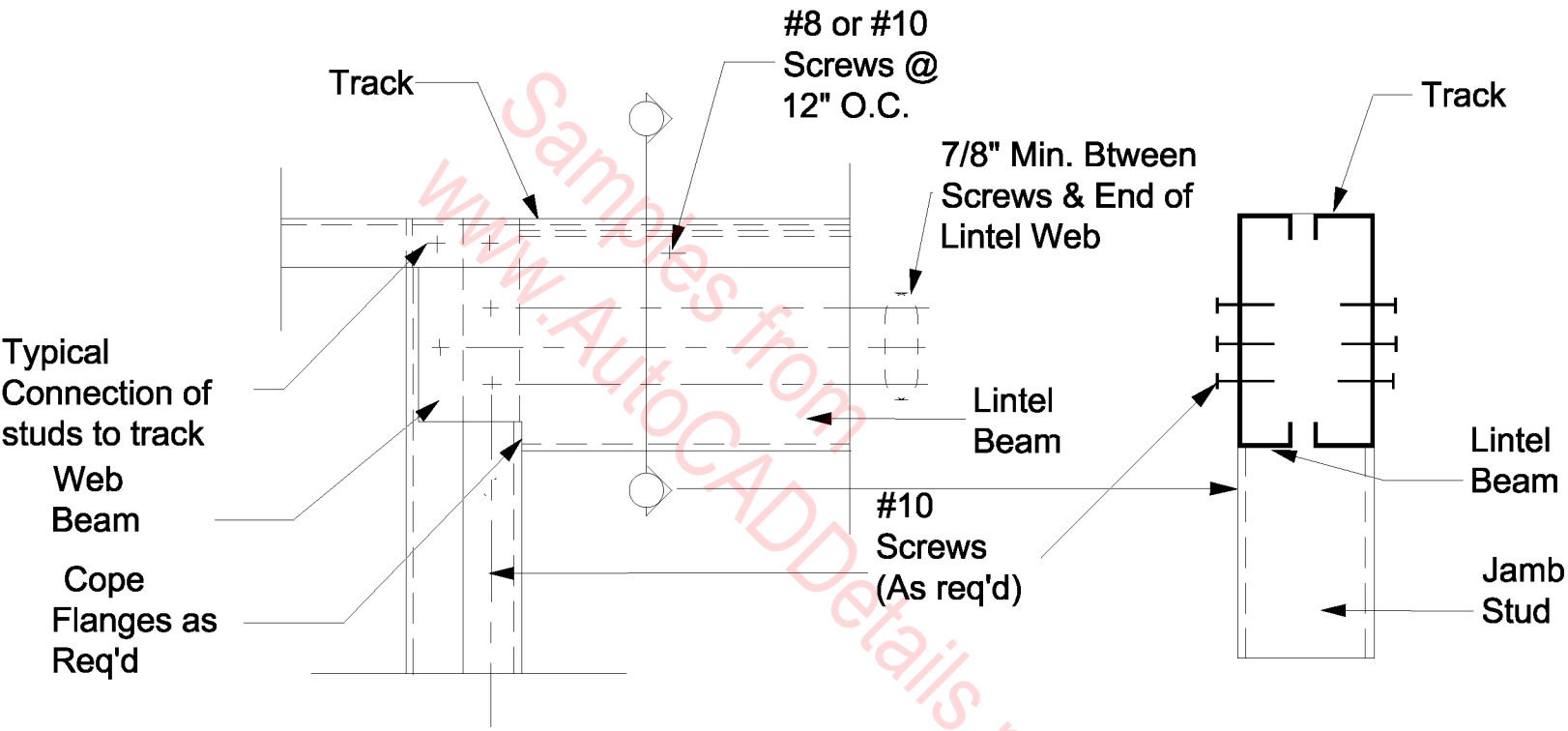
TYPICAL HOLDOWN DETAIL AND SCHEDULE



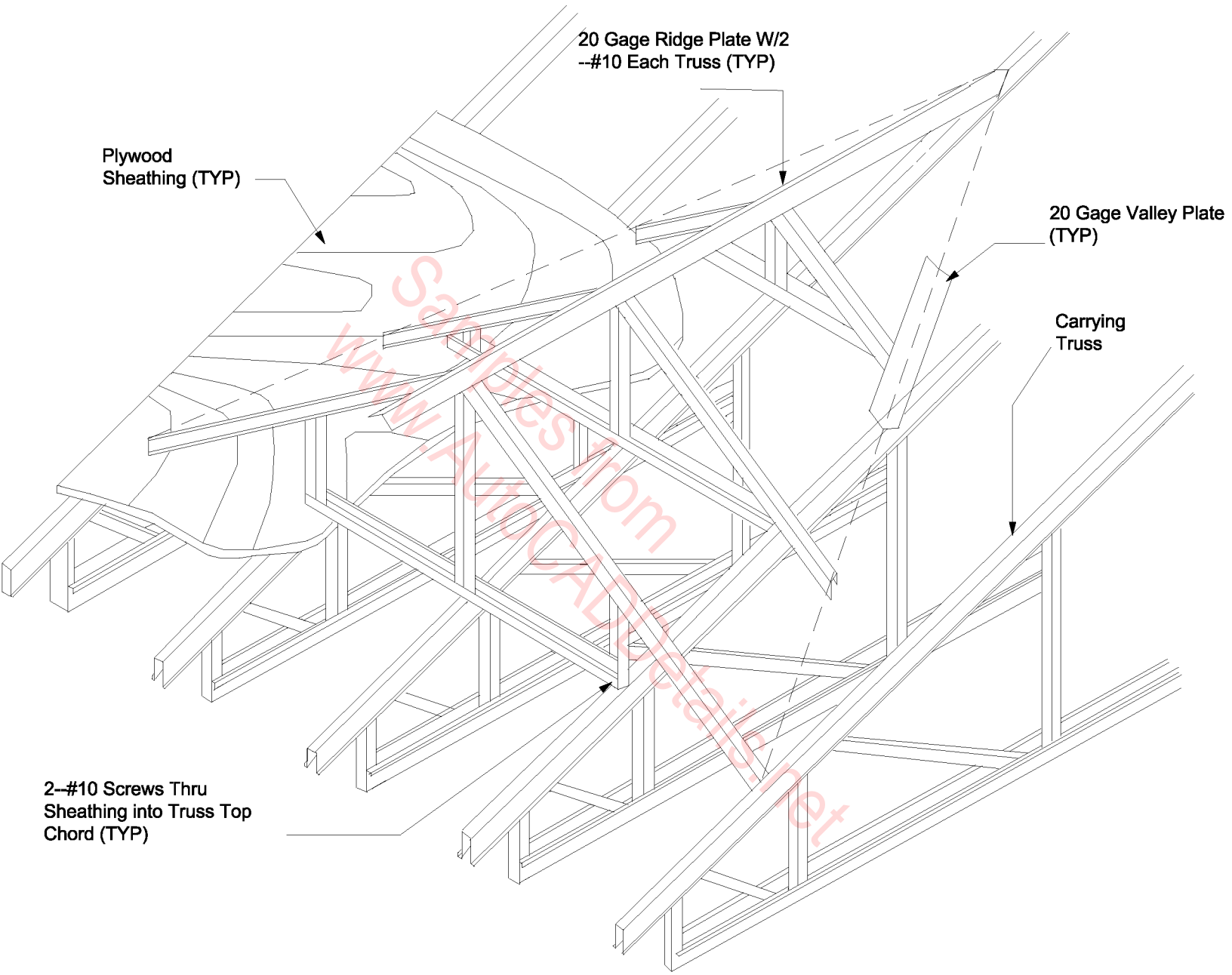
TYPICAL KING POST TRUSS PROFILE



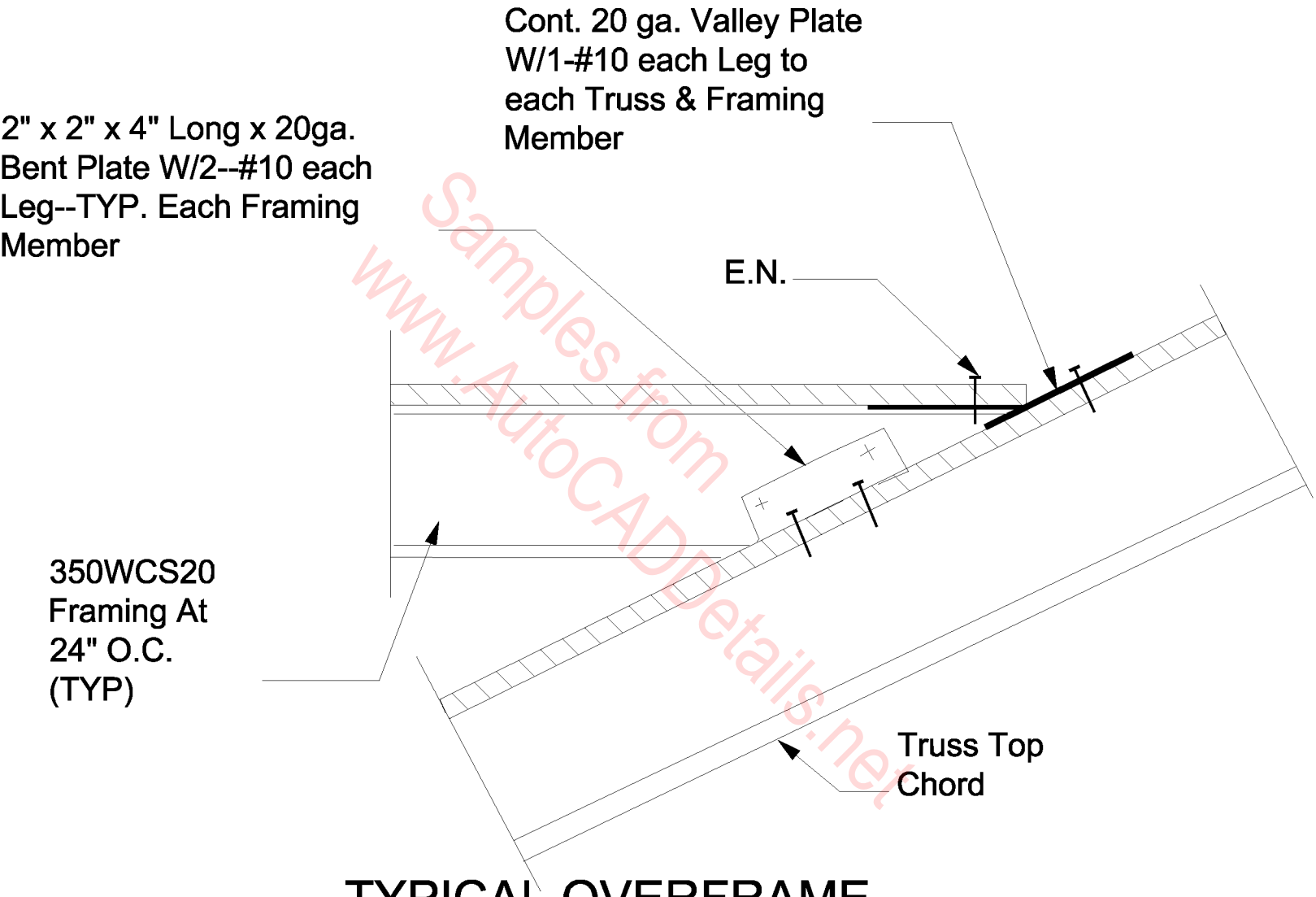
TYPICAL LINTEL BEAM
CONNECTION
(ALTERNATE)



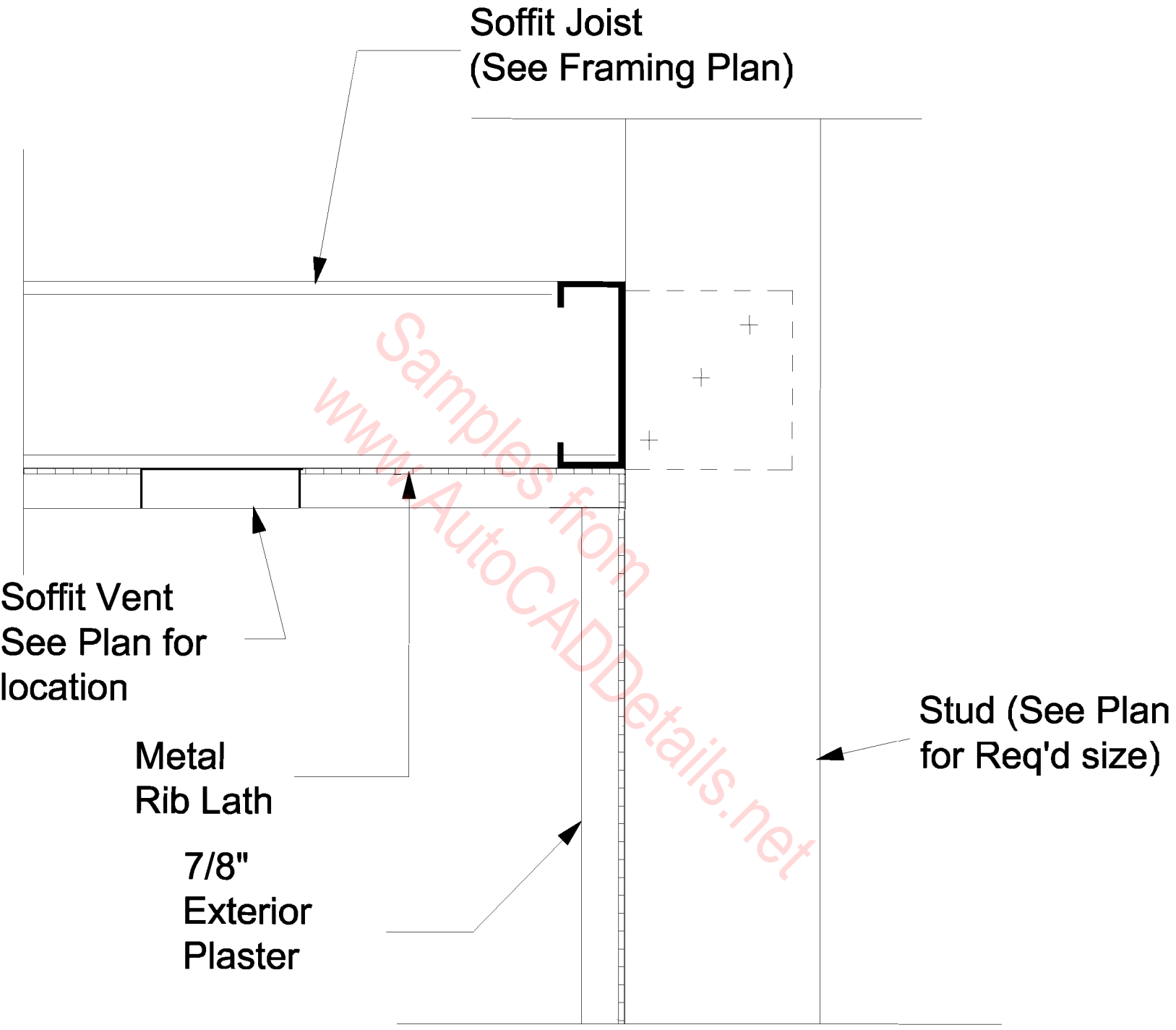
TYPICAL LINTEL BEAM CONNECTION



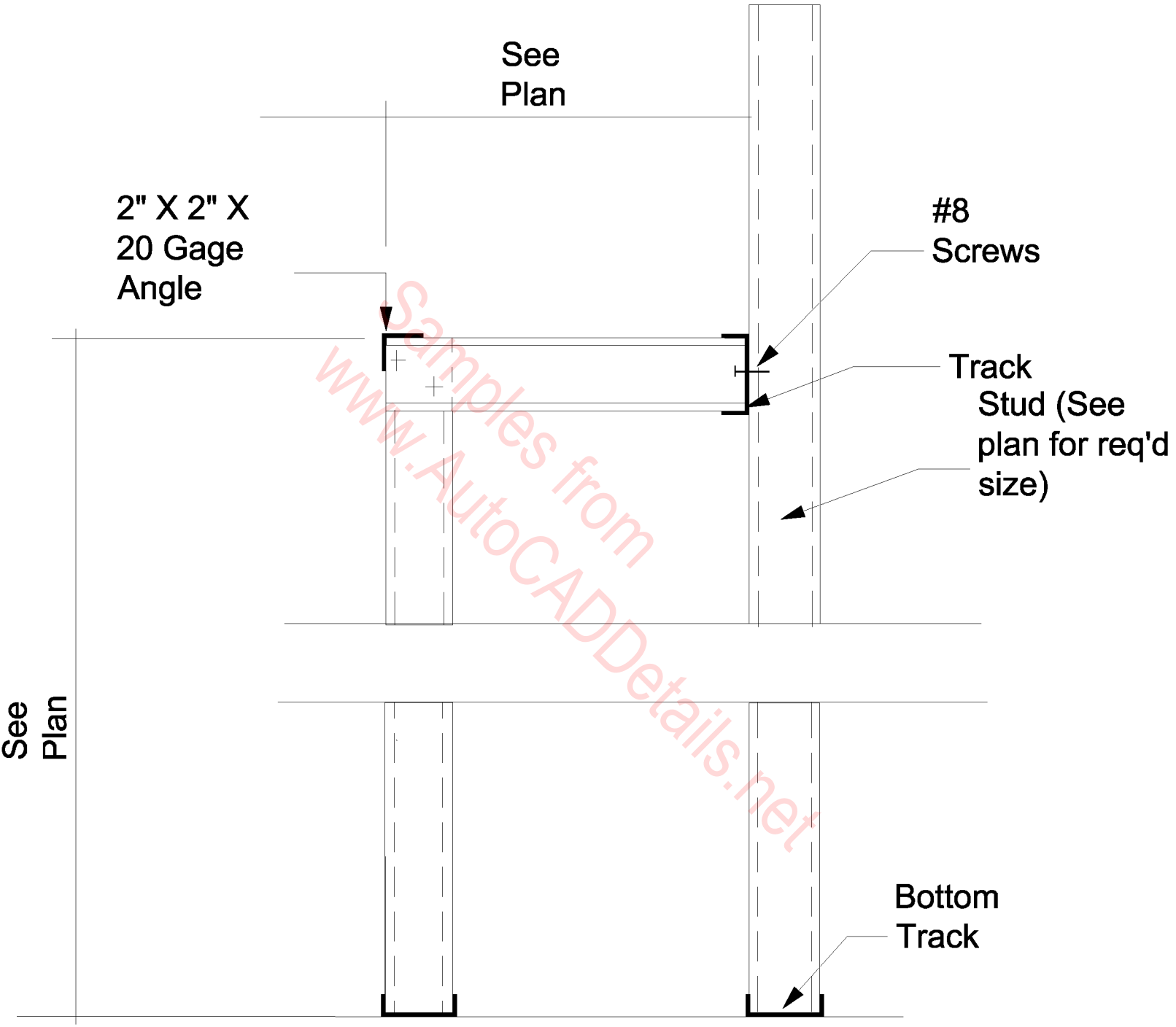
TYPICAL OVERFRAME
(CALIFORNIA FRAMING)
TRUSSES



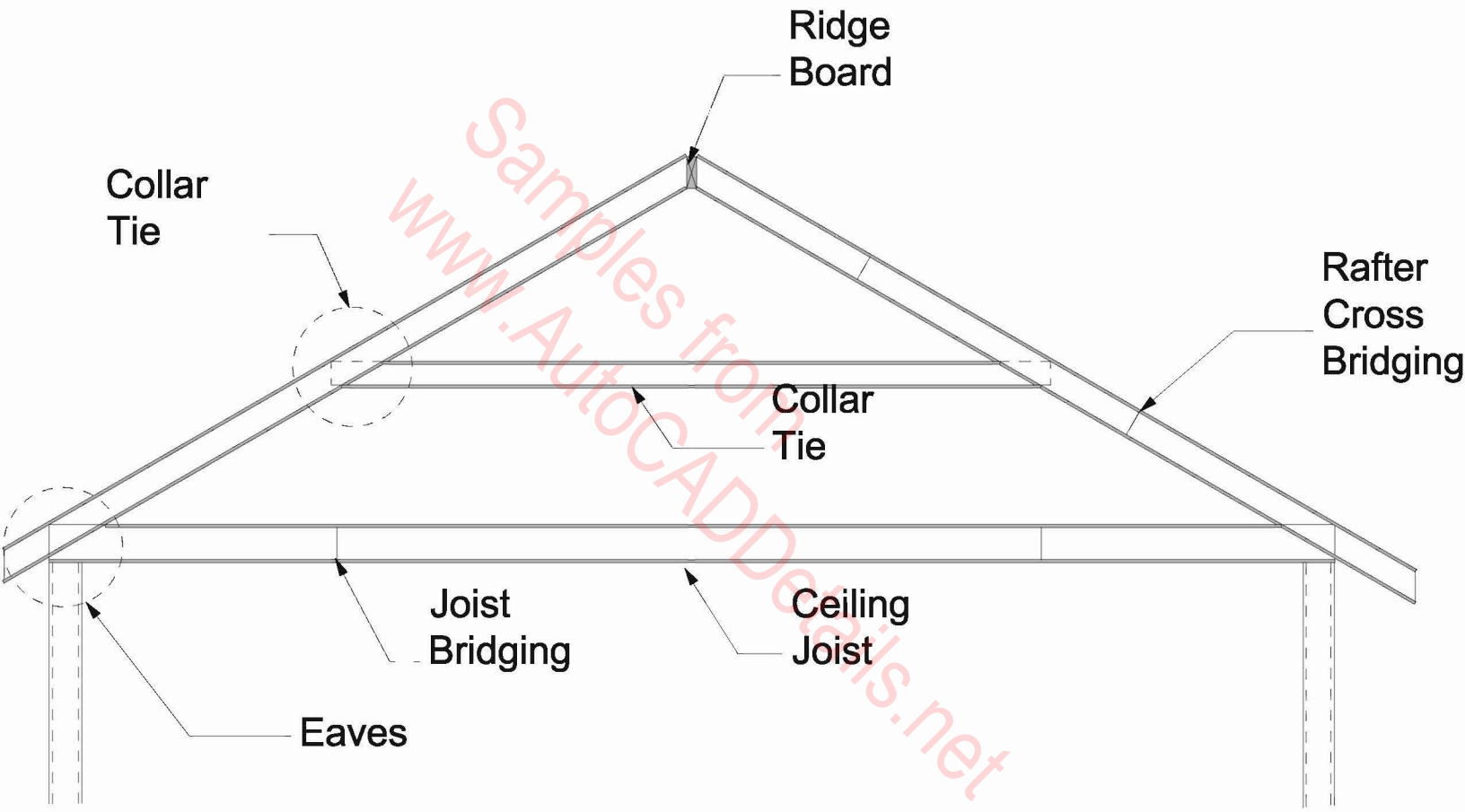
TYPICAL OVERFRAME DETAIL



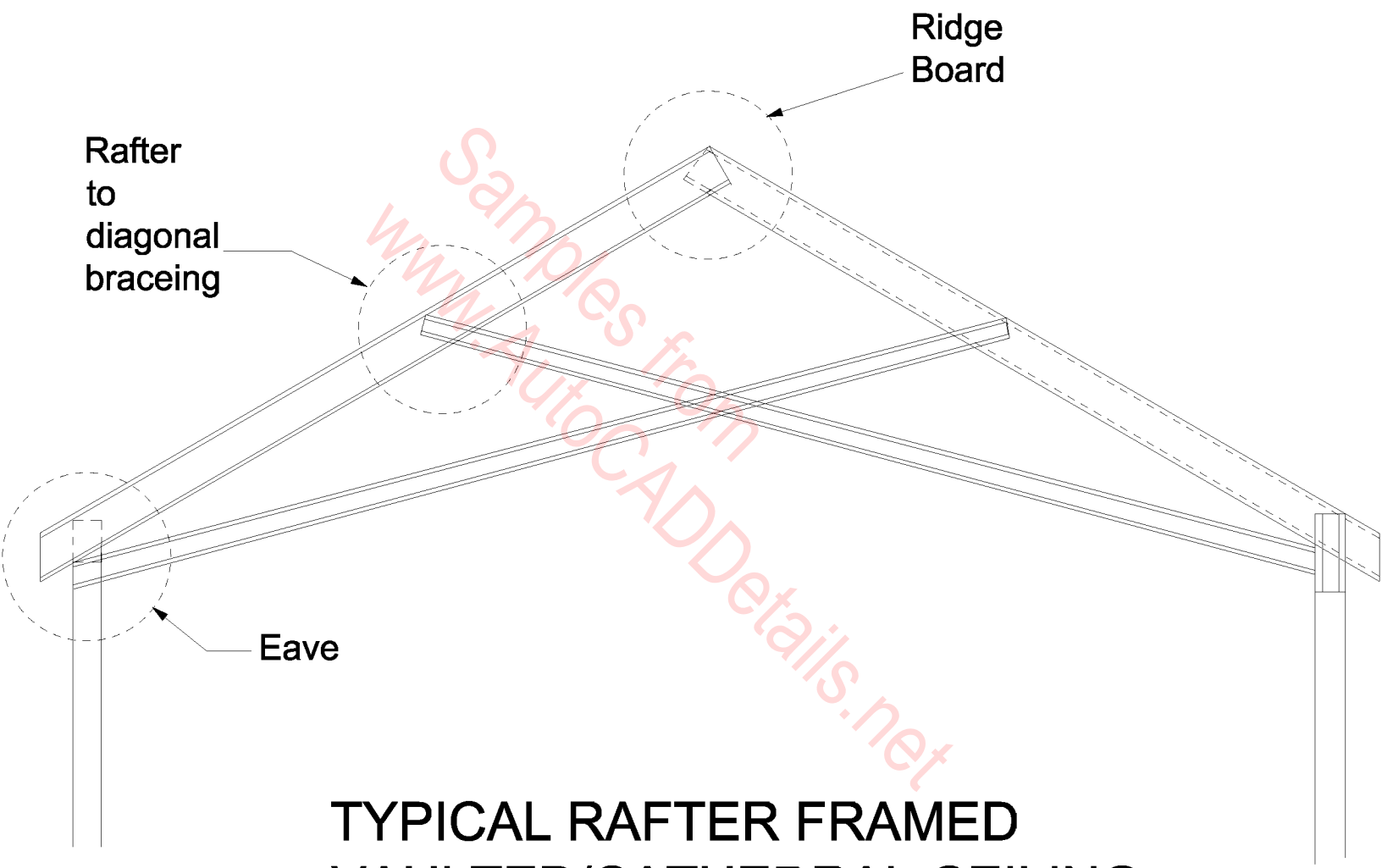
TYPICAL PLASTER SOFFIT DETAIL



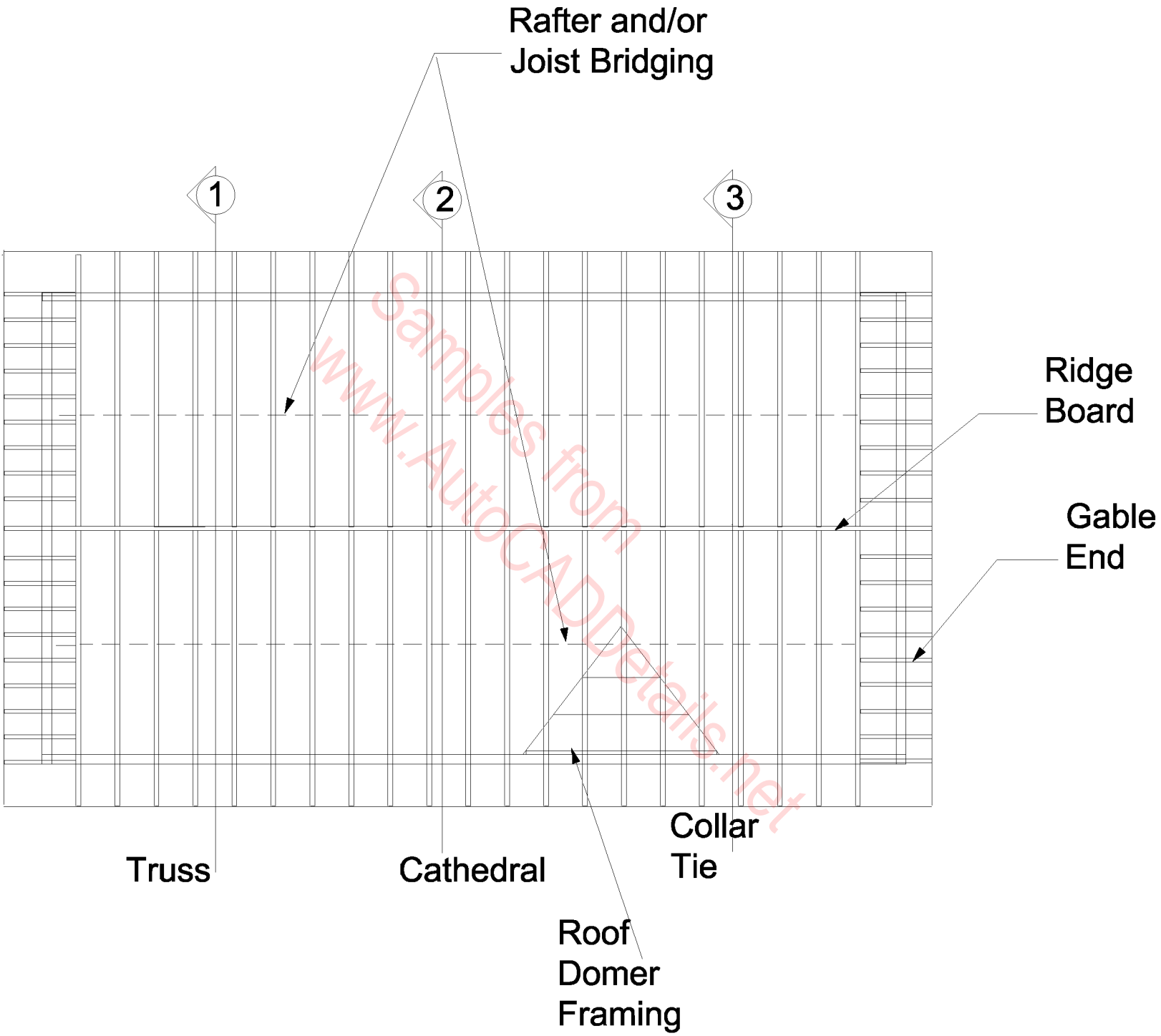
TYPICAL POST SHELF DETAIL



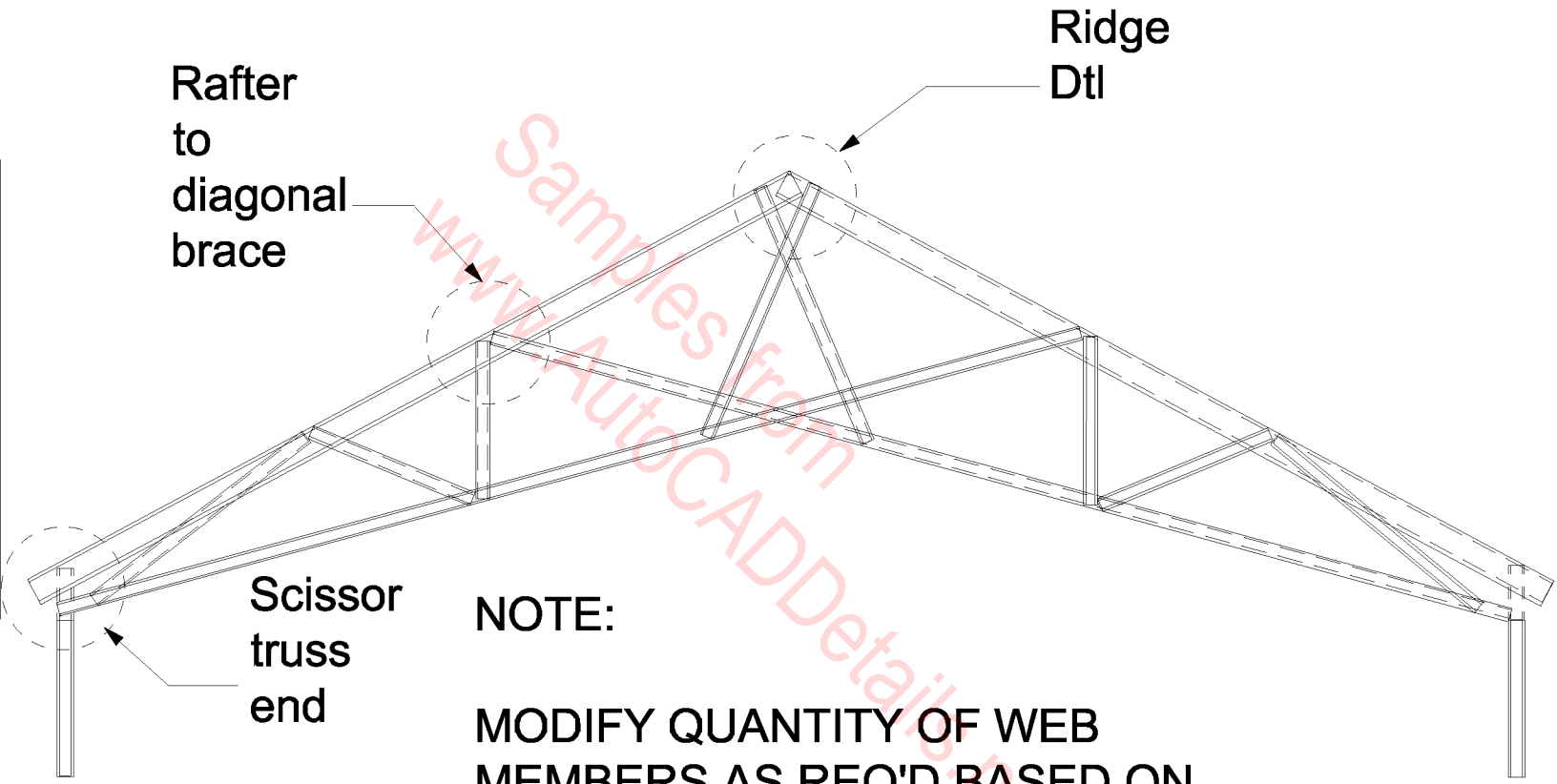
TYPICAL RAFTER FRAMED ROOF SECTION



TYPICAL RAFTER FRAMED VAULTED/CATHEDRAL CEILING



TYPICAL ROOF FRAMING PLAN



NOTE:

MODIFY QUANTITY OF WEB MEMBERS AS REQ'D BASED ON DESIGN

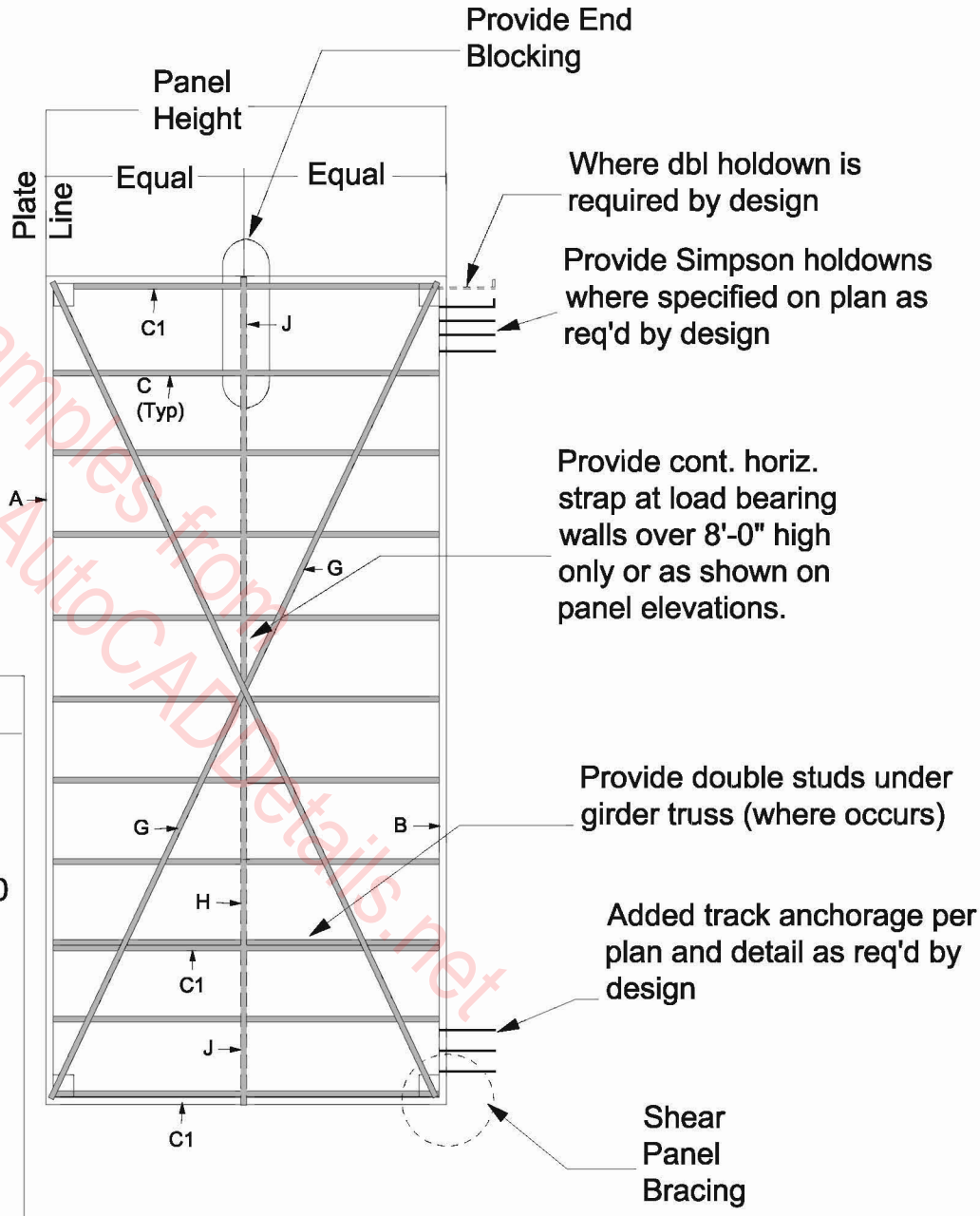
TYPICAL SCISSORS TRUSS PROFILE

NOTES:

* Member sizes shown in this detail are typical except as otherwise shown on the plans or specific panel elevations.

All studs shall be spaced at 24" O.C. except as shown otherwise and as noted below.

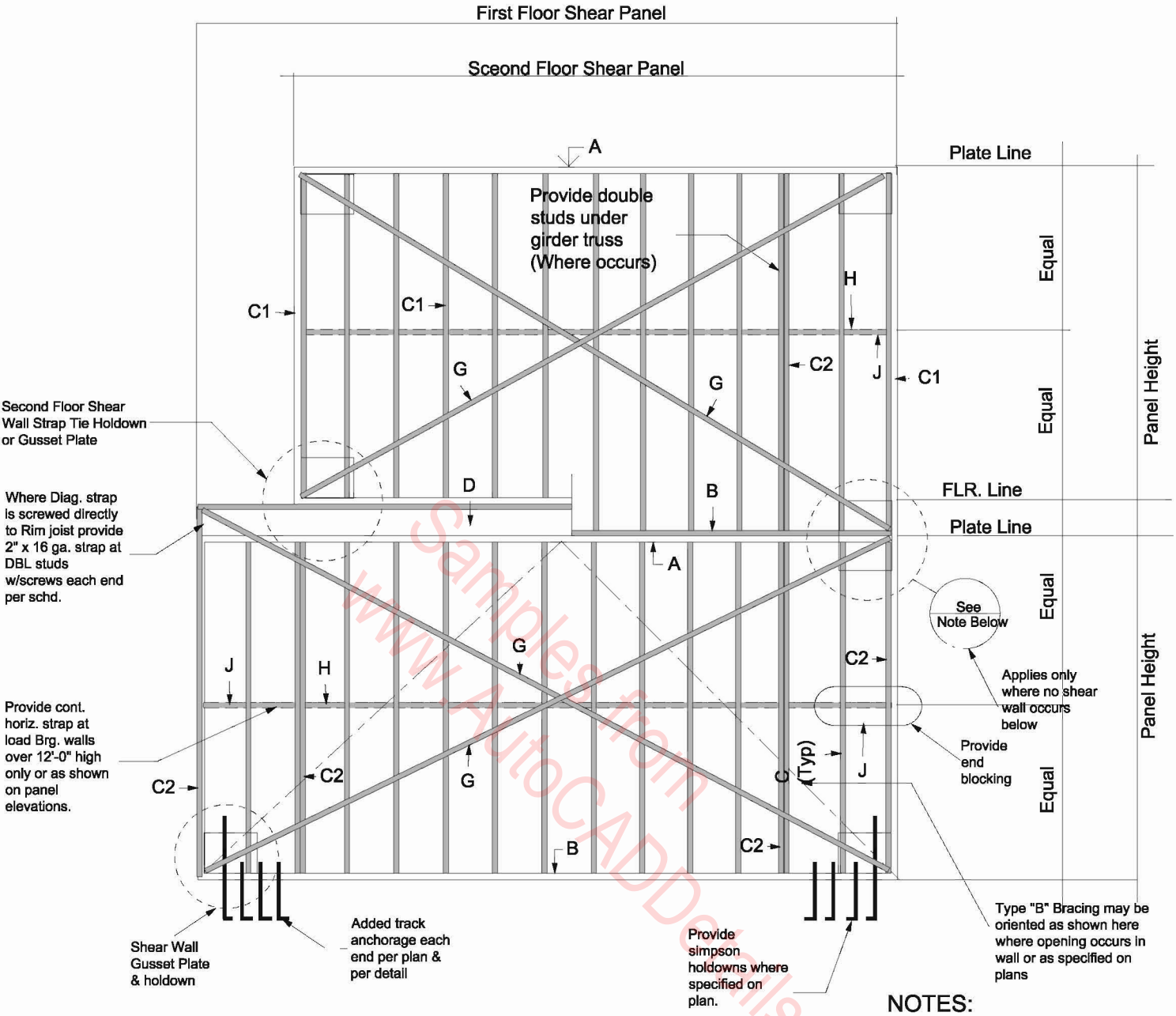
Load bearing studs shall be spaced so as to fall directly under roof trusses/rafters or under floor joists.



SCHEDULE

Mark	Description	SIZE *
A	Top Track	350120DL
B	Bottom	350120DL
C	Track	350WCS20
C1	Stud Double Stud	(2)350WCS20
D		See Plan
E	Lintel Beam	
F	Header	350120
G	Sill	See Deatil
H	Strap	2'x16 ga.
J	Strap	350B20
K	Blocking Lintel Track	350120

TYPICAL SHEAR PANEL ELEVATION



SCHEDULE

MARK	DESCRIPTION	SIZE *
A	Top Track	3 1/2" x 20 ga.
B	Bottom Track	3 1/2" x 20 ga.
C	Stud	3 1/2" x 20 ga.
C1	Double Stud	(2) 3 1/2" x 20 ga.
C2	Double Stud	(2) 3 1/2" x 20 ga.
D	Rim Joist	See PLan
E	Header	See Plan
F	Sill	3 1/2" x 20 Ga.
G	Diag. Strap	See Detail
H	Horiz. Strap	2' x 16 ga.
J	Blocking	3 1/2" x 20 ga.
K	Header Track	3 1/2" x 20 ga.

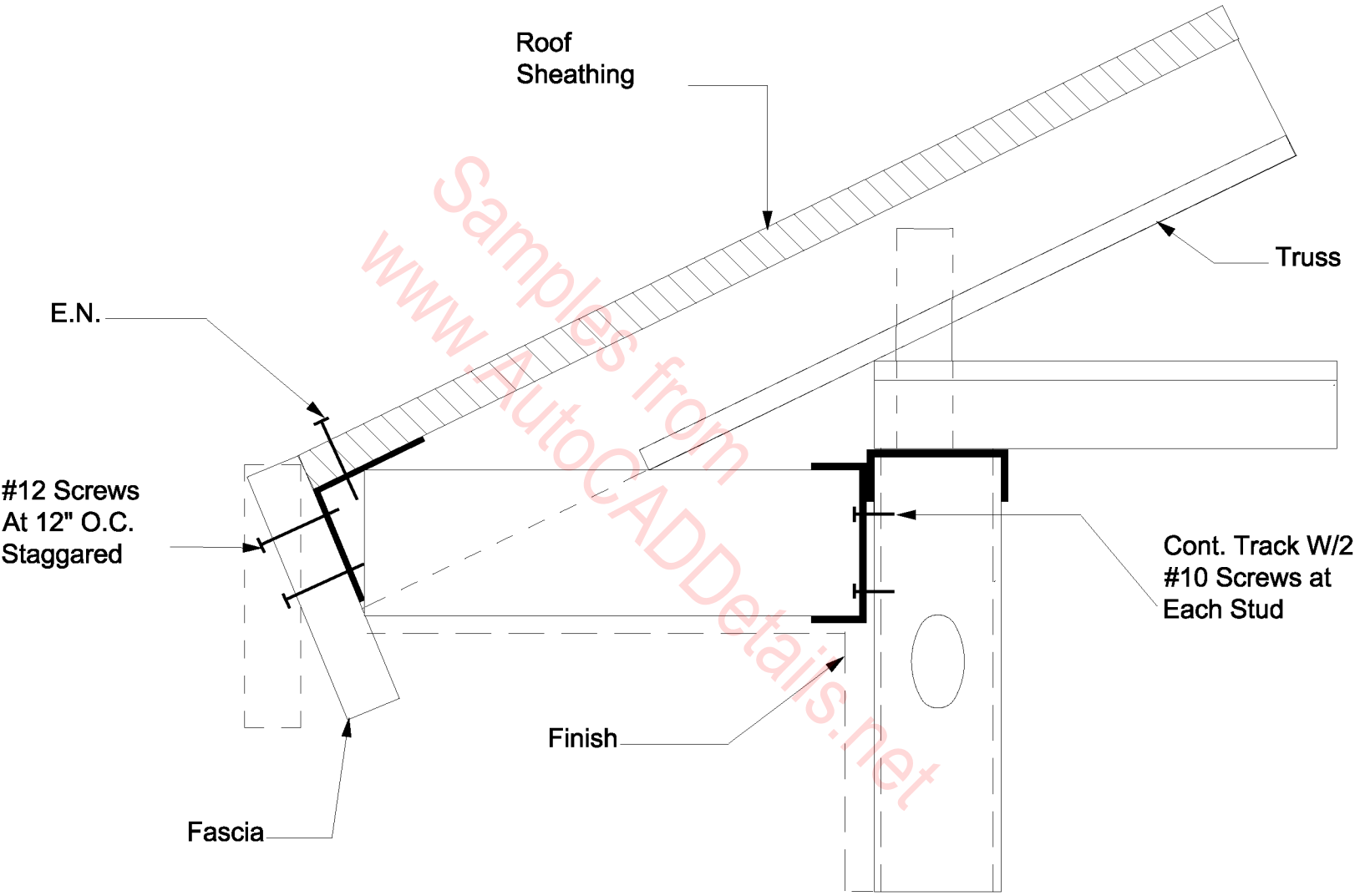
NOTES:

* Member sizes shown in this detail are typical except as otherwise shown on the plans or specific panel elevations.

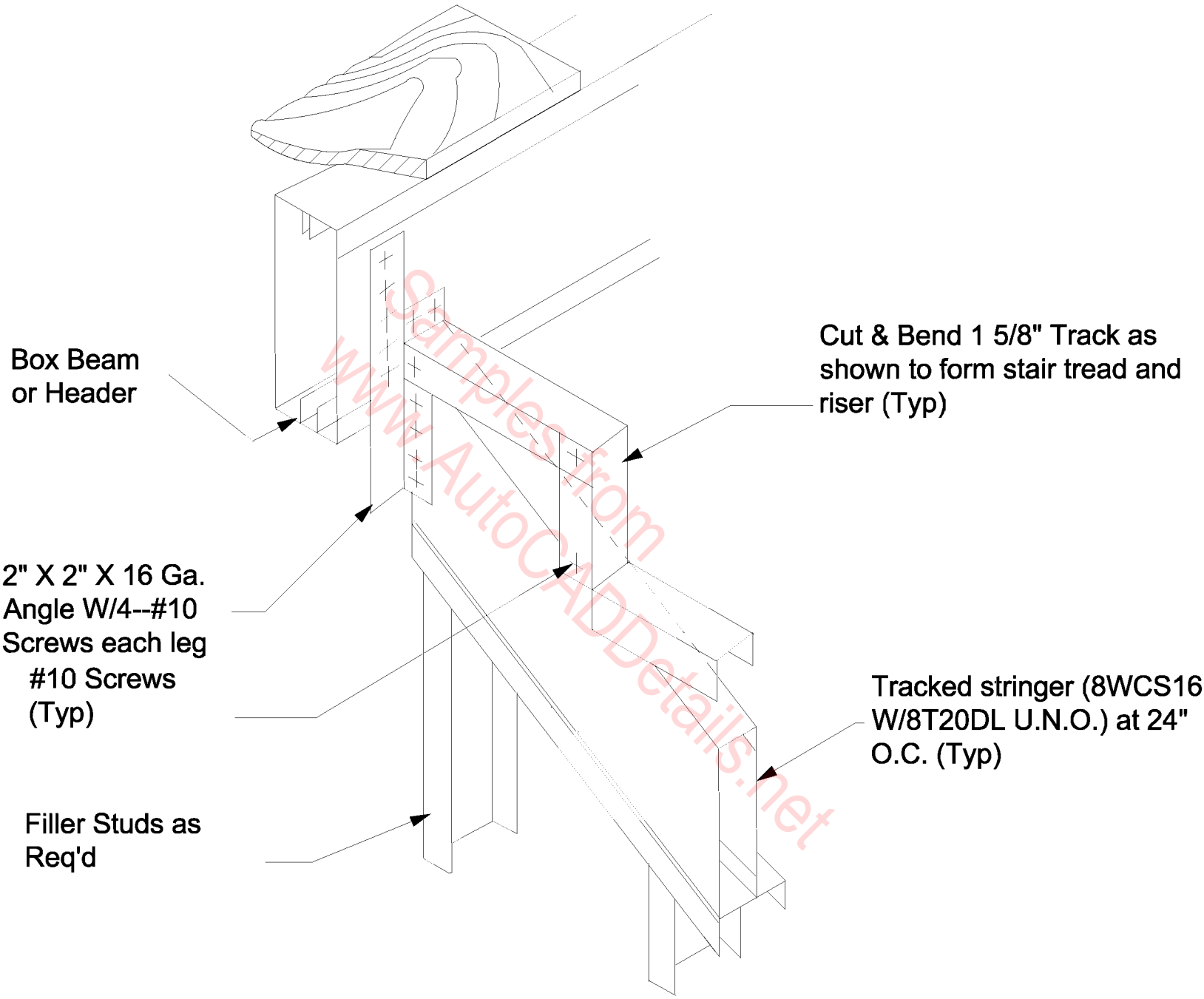
All studs shall be spaced at 24" O.C. except as shown otherwise and as noted herein.

Load bearing studs shall be spaced so as to fall directly under trusses/rafters or under floor joists. See plan for flooring, joists spacing.

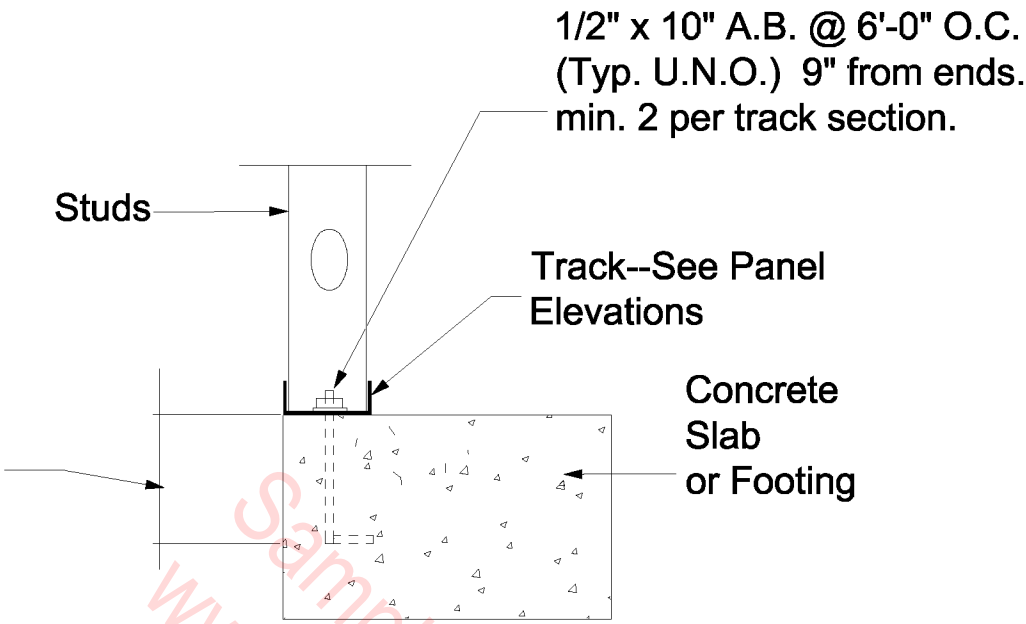
TYPICAL SHEAR PANEL ELEVATION--2 STORY



TYPICAL SOFFIT FRAMING DETAIL



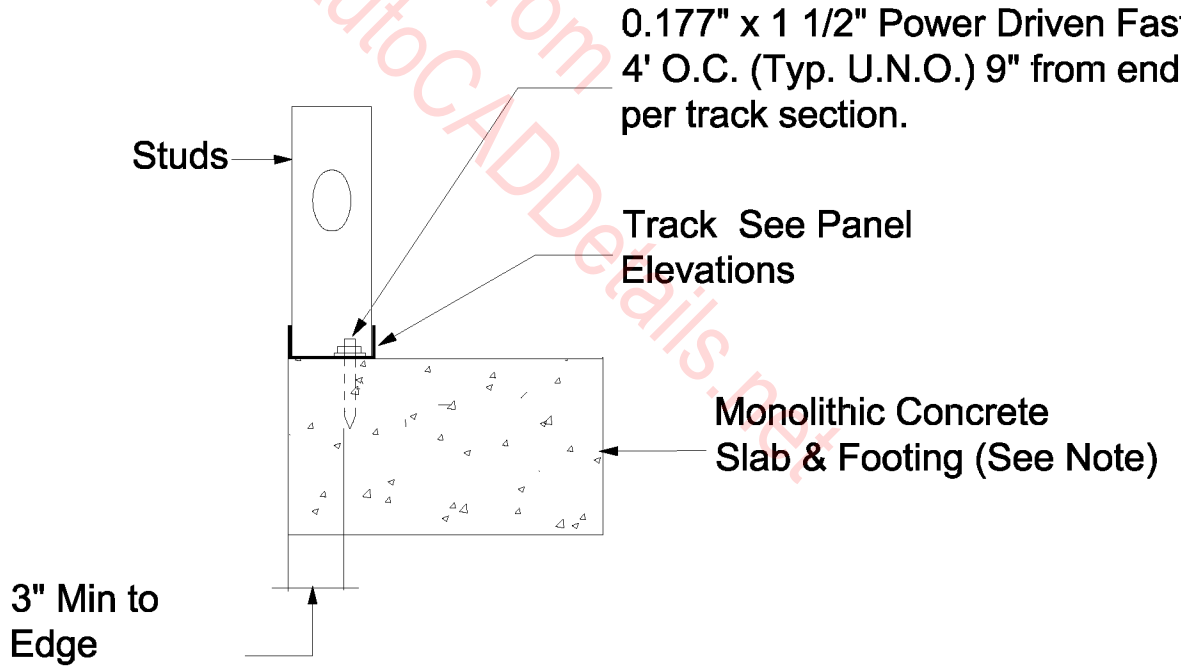
TYPICAL STAIR
STRINGER CONNECTION



NOTE:

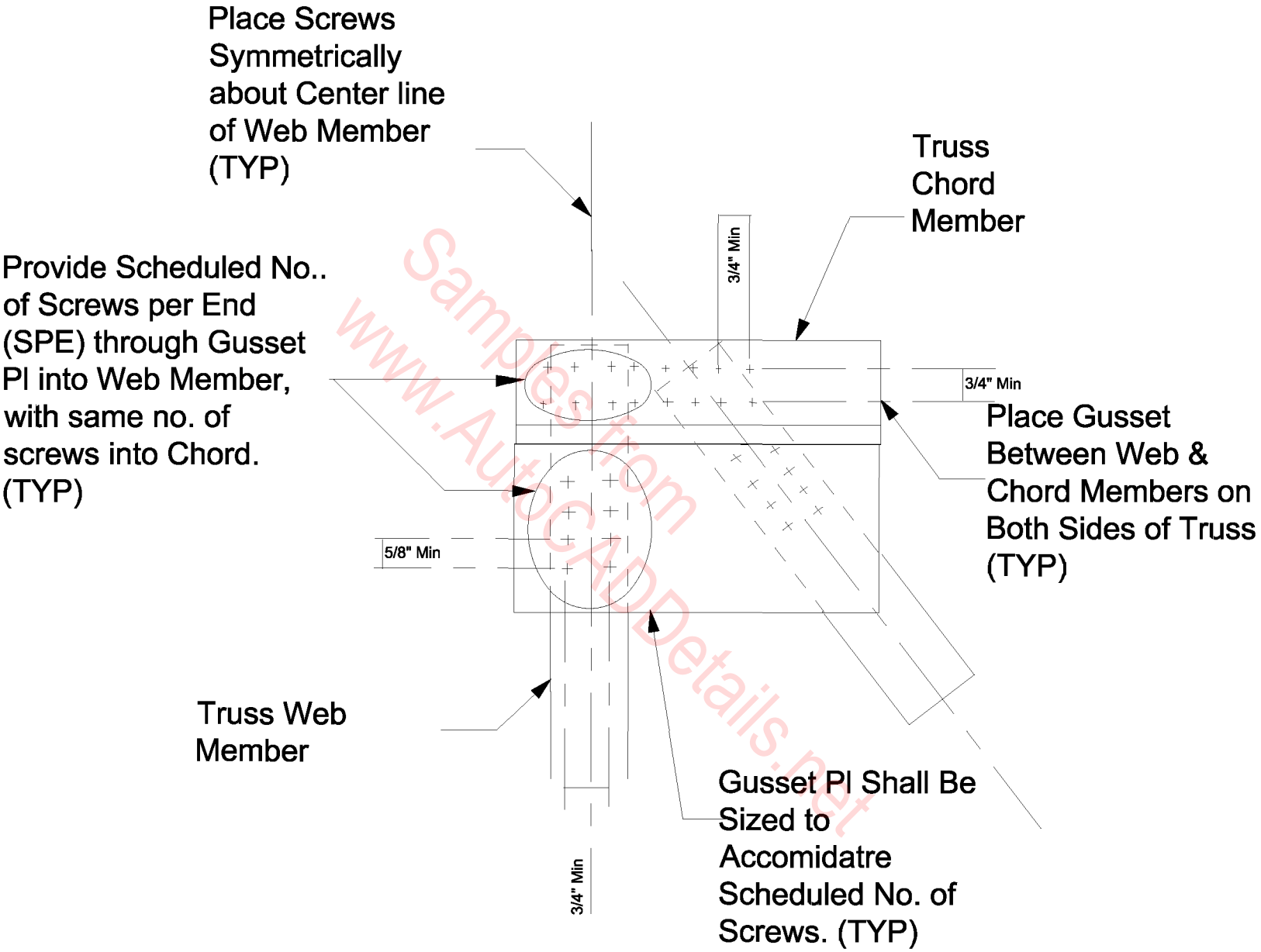
Power driven fasteners cannot be used in a two pour system

ANCHOR BOLT DETAIL



SHOT PIN DETAIL

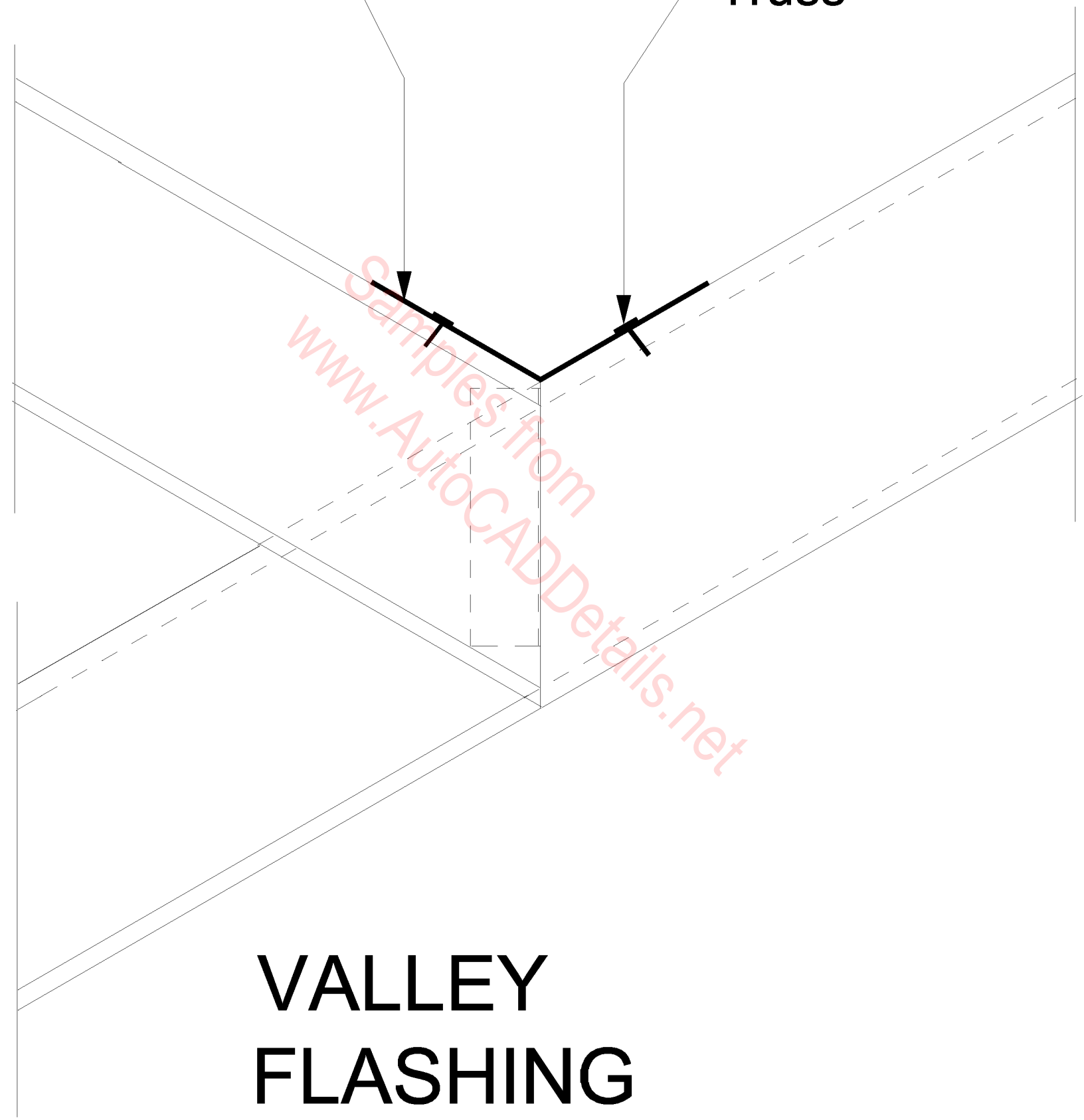
TYPICAL TRACK ANCHORAGE DETAIL AT EXTERiOR WALL ON SLAB



TYPICAL TRUSS GUSSET

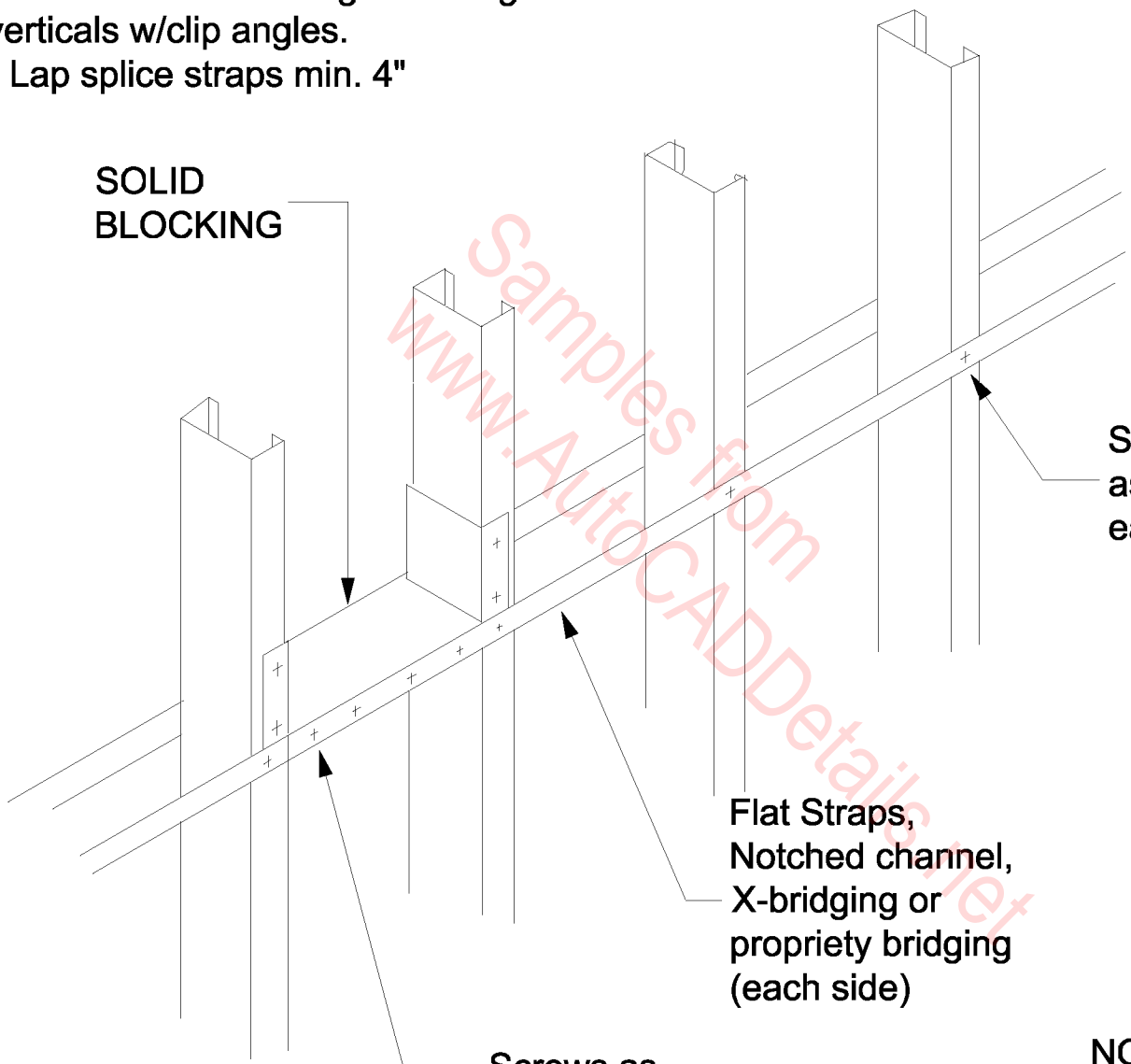
Valley Flashing

(1) Screw @ each Rafter or Truss



VALLEY FLASHING DETAIL

* Locate Blocking at each end of wall,
  @ 10'-0" O.C. between & adjacent to openings.
* FOR TRACK:
  Where blocking material thickness allows,
  notch and bend flanges 90 degs or anchor to
verticals w/clip angles.
* Lap splice straps min. 4"



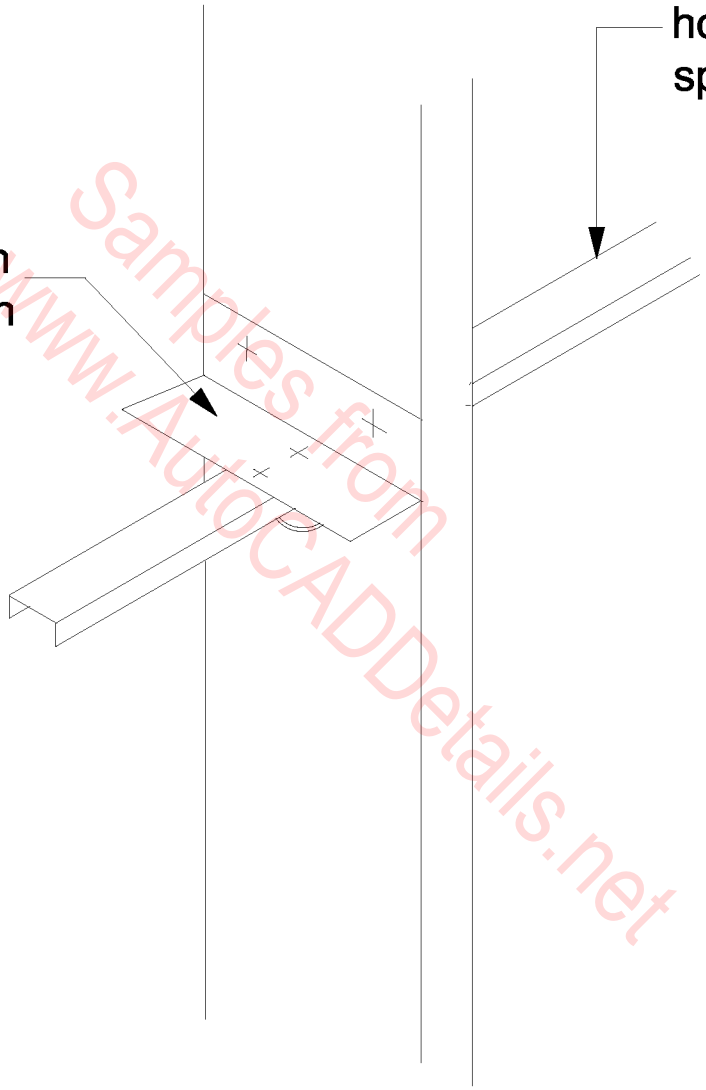
NOTE:

NUMBER OF ROWS OF
BRIDGING AS REQ"D
BY DESIGN

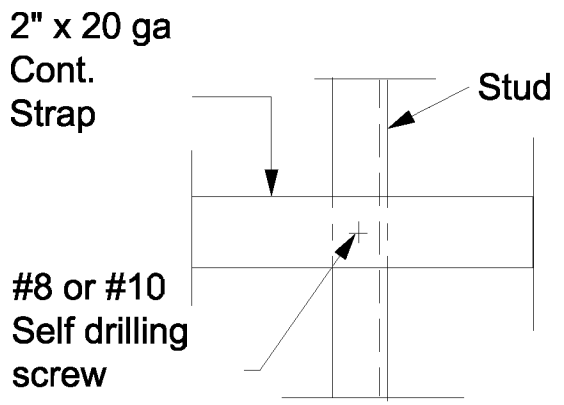
WALL
BRIDGING

Cold-rolled channel horizontal bridging to be spaced as req'd by design

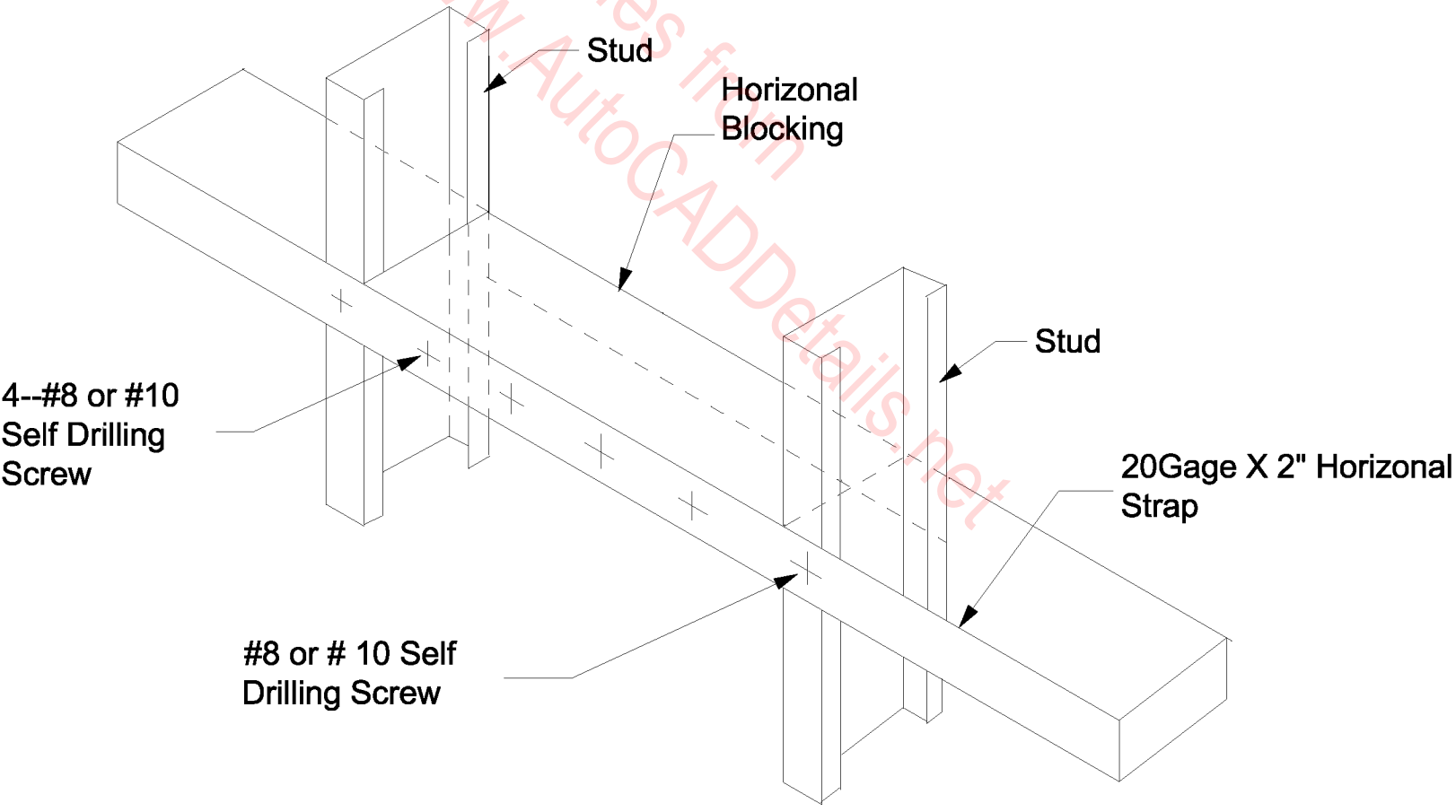
Clip angle 1/4" less than stud width . Attach with 4 screws as shown



WALL BRIDGING (ALTERNATE)

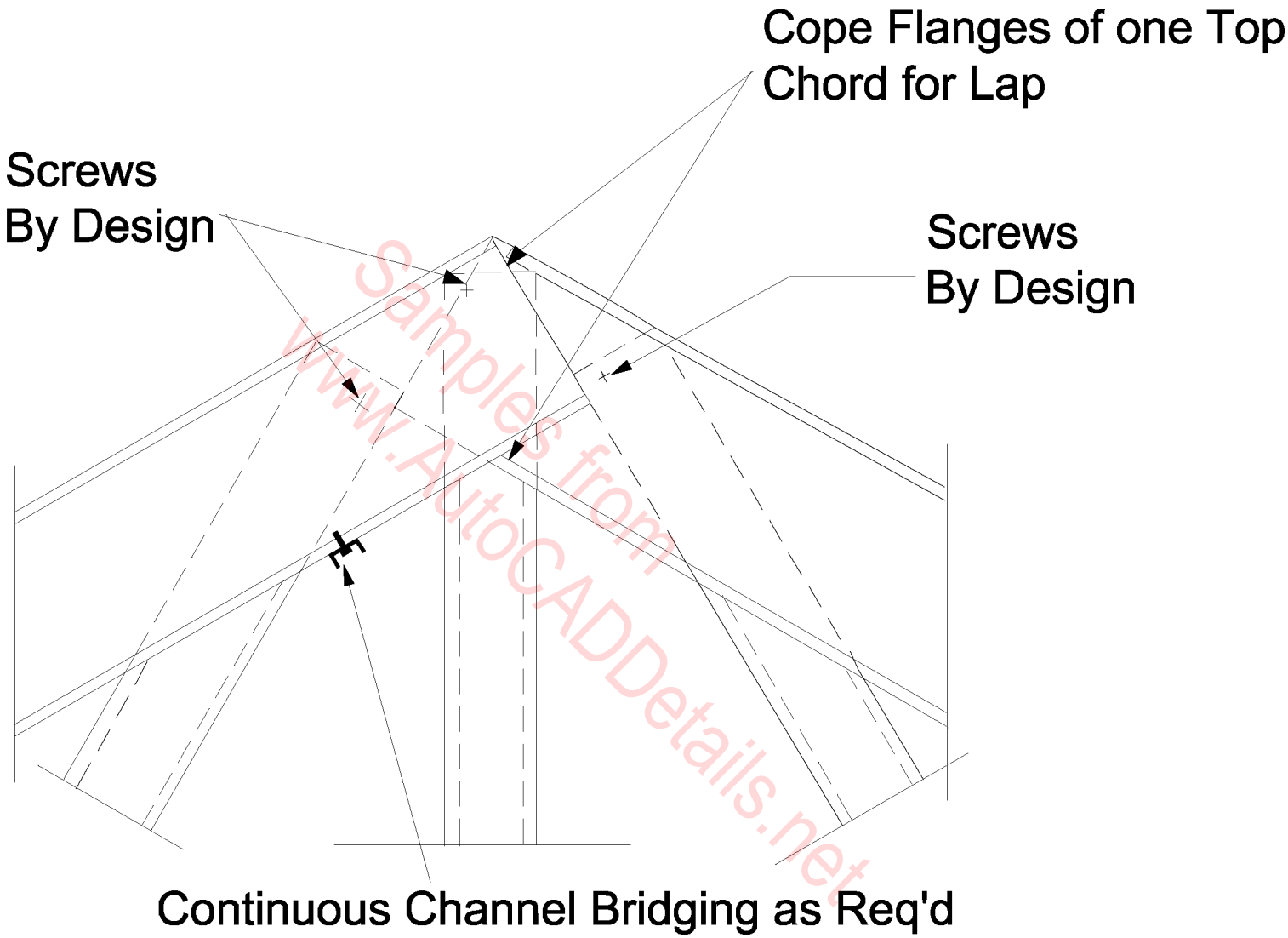


DETAIL B

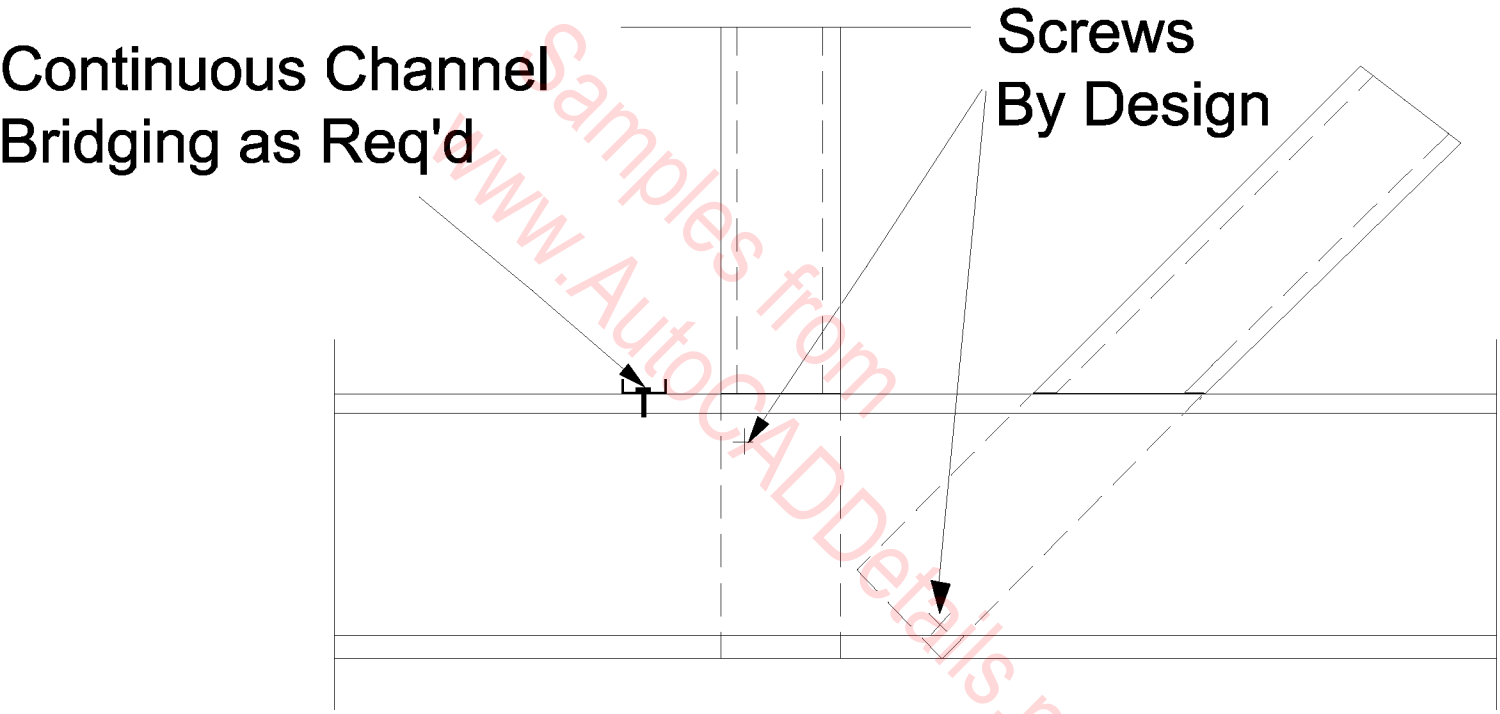


DETAIL A

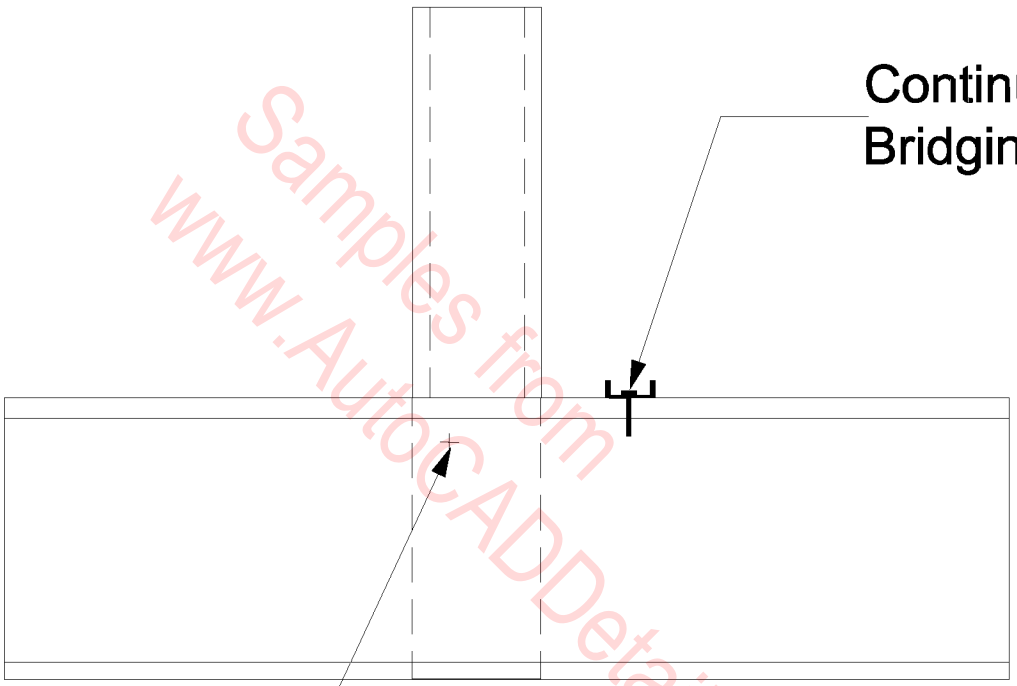
WALL HORIZONAL BLOCKING /BRIDGING DETAIL



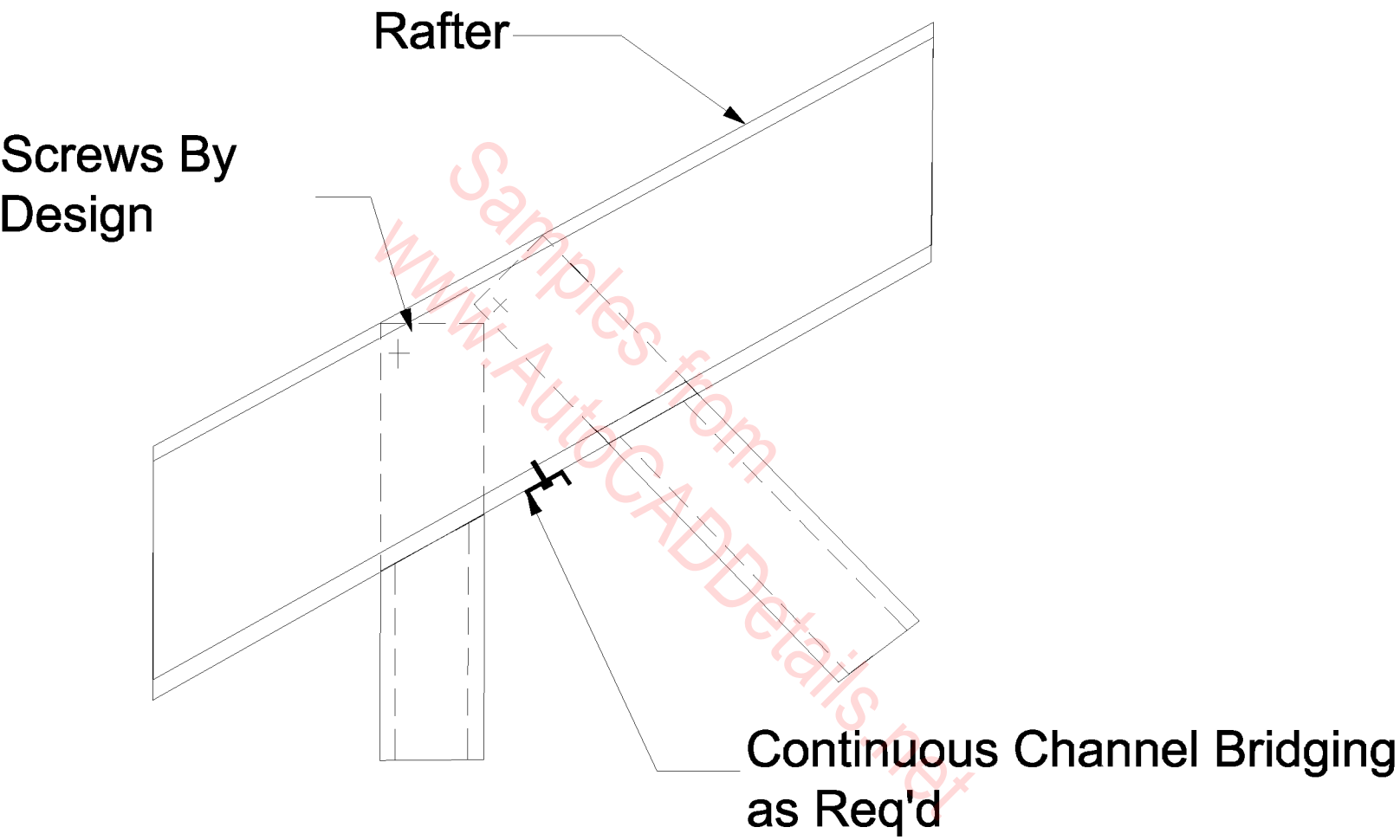
WEB AT PEAK OF TRUSS DETAIL



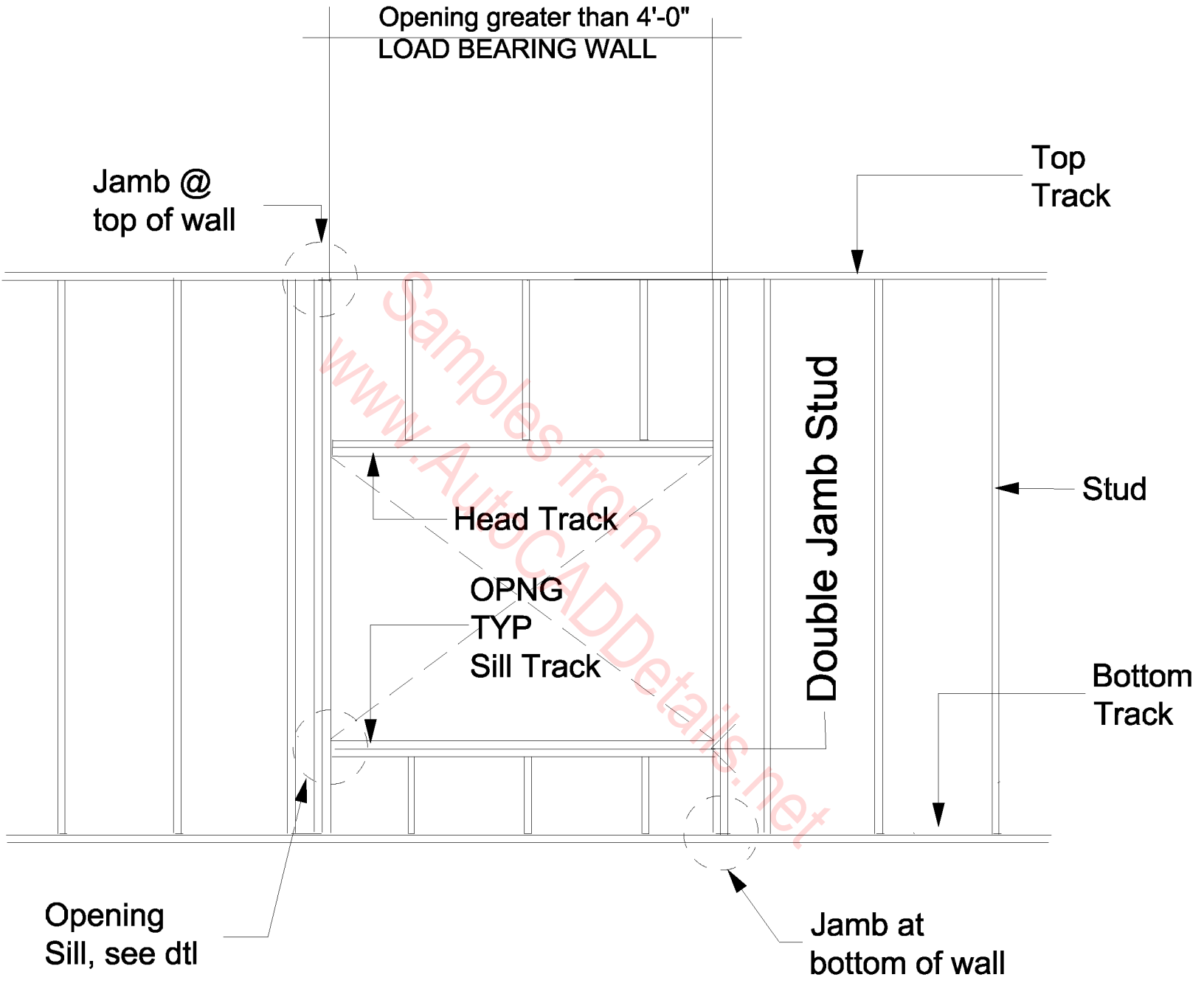
WEB TO BOTTOM CHORD DETAIL



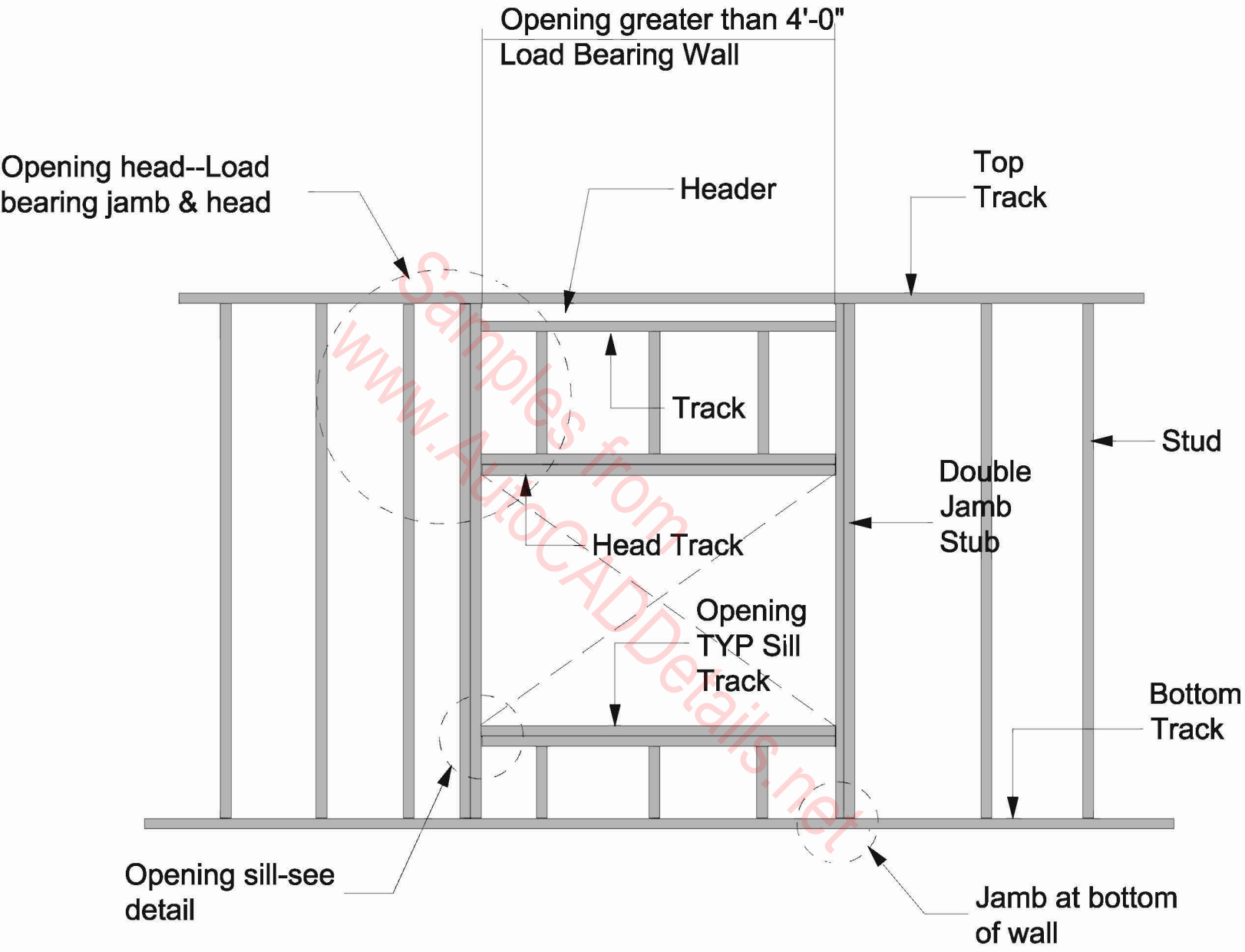
WEB TO BOTTOM CHORD DETAIL



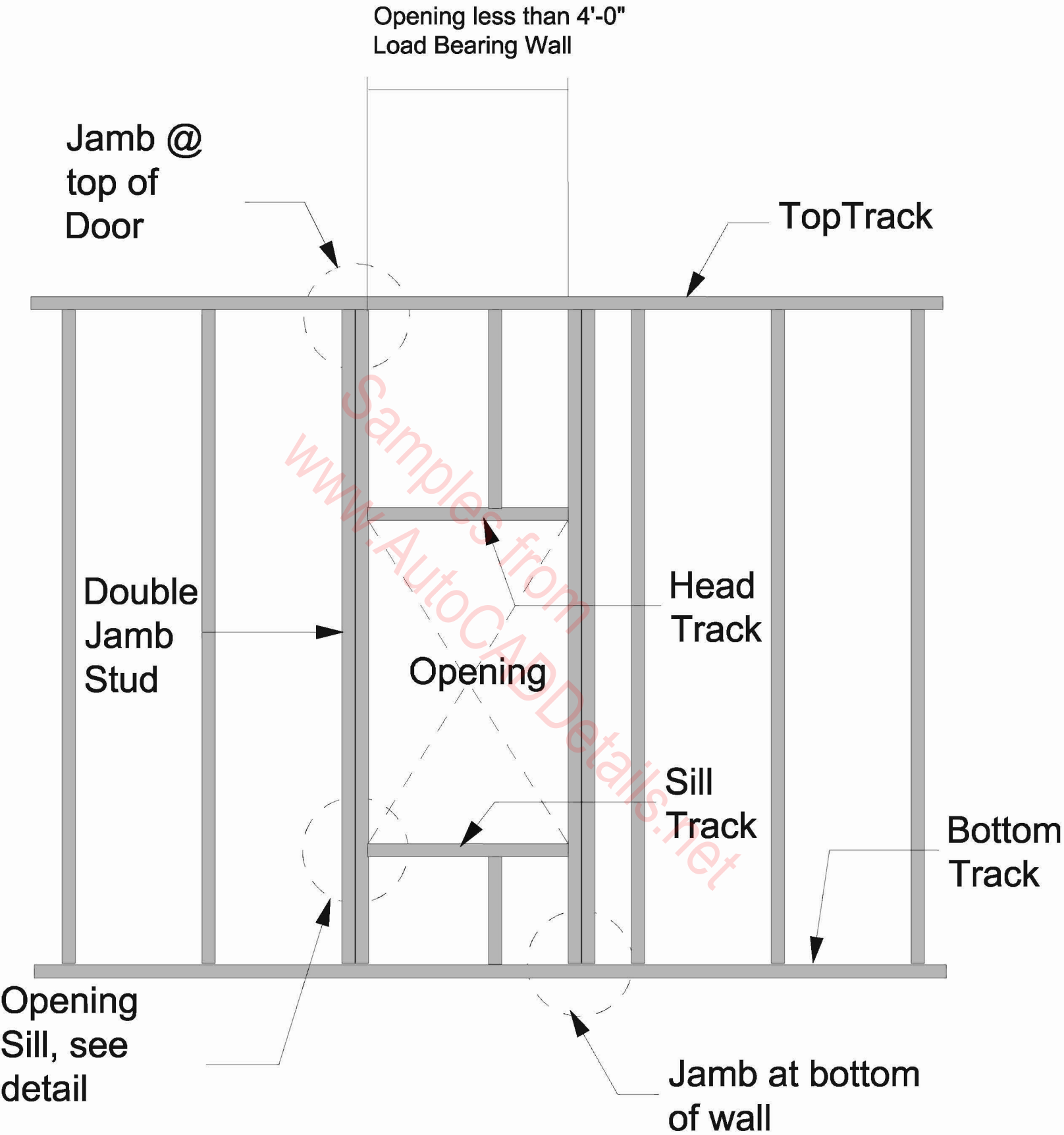
WEB TO TOP CHORD DETAIL



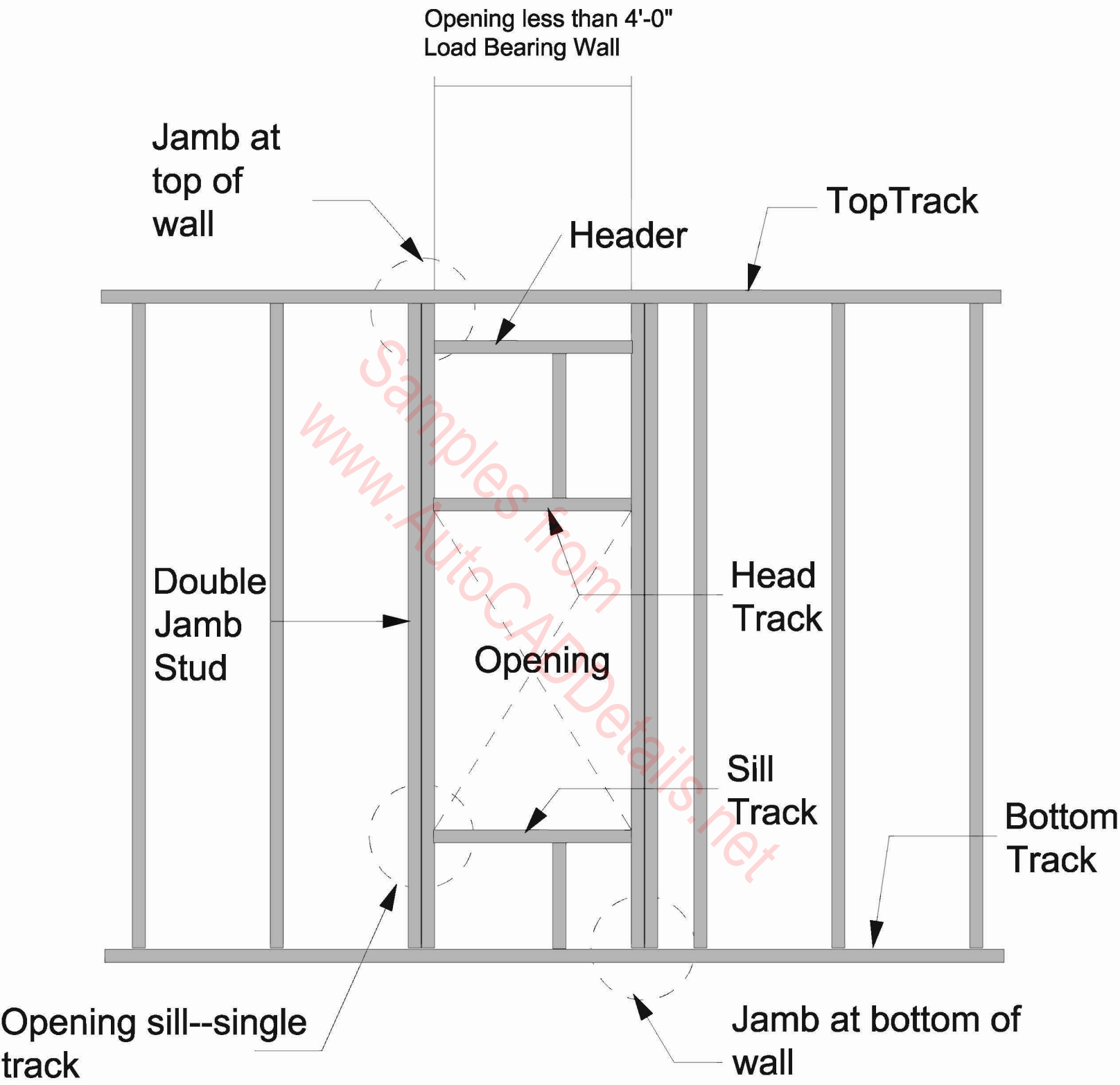
WINDOW OPENING GREATER THAN 4 FEET--NON-LOAD BEARING



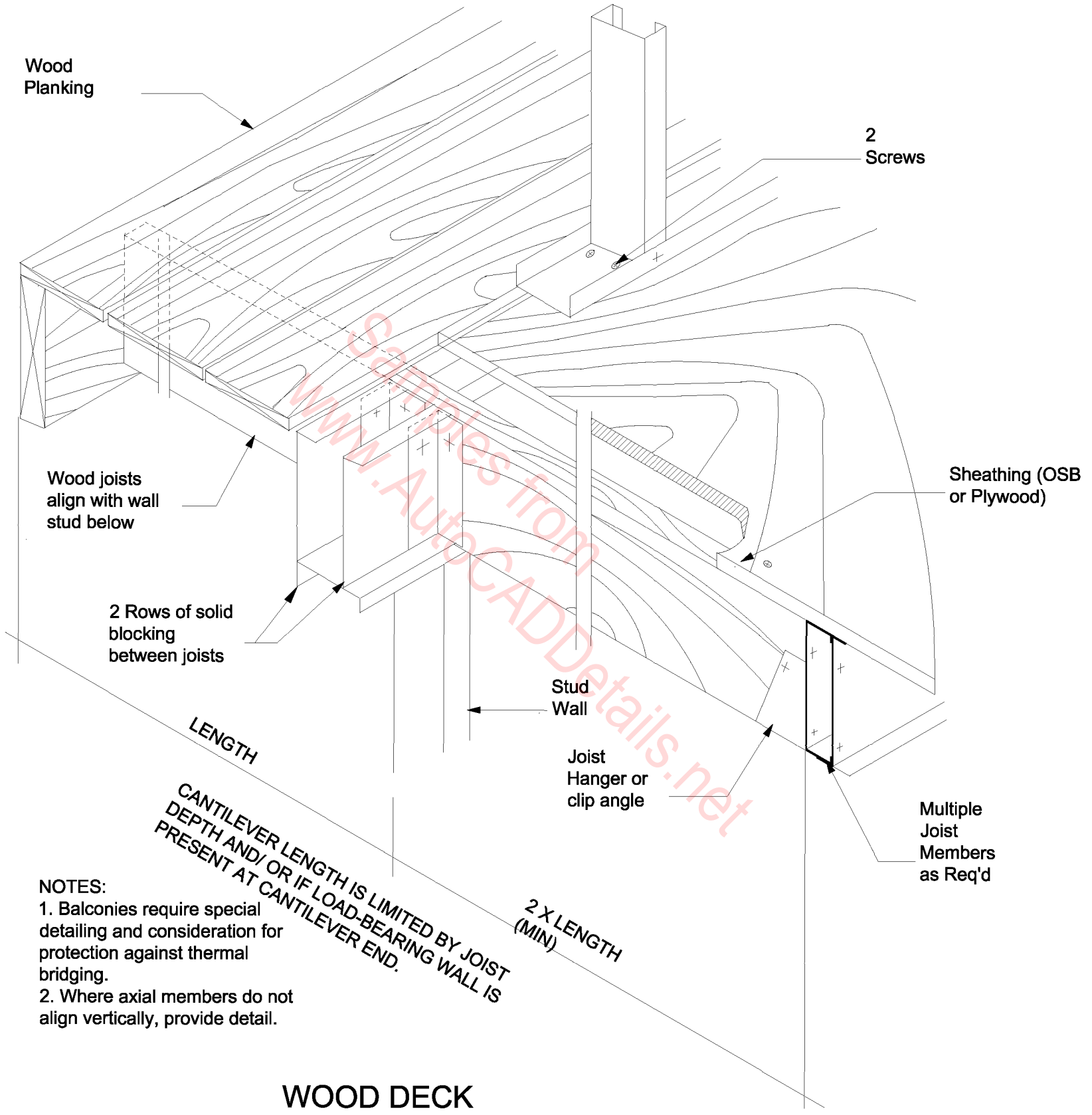
WINDOW OPENING GREATER THAN 4 FEET WIDE---LOAD BEARING



WINDOW OPENING LESS THAN 4 FEET WIDE---NON-BEARING

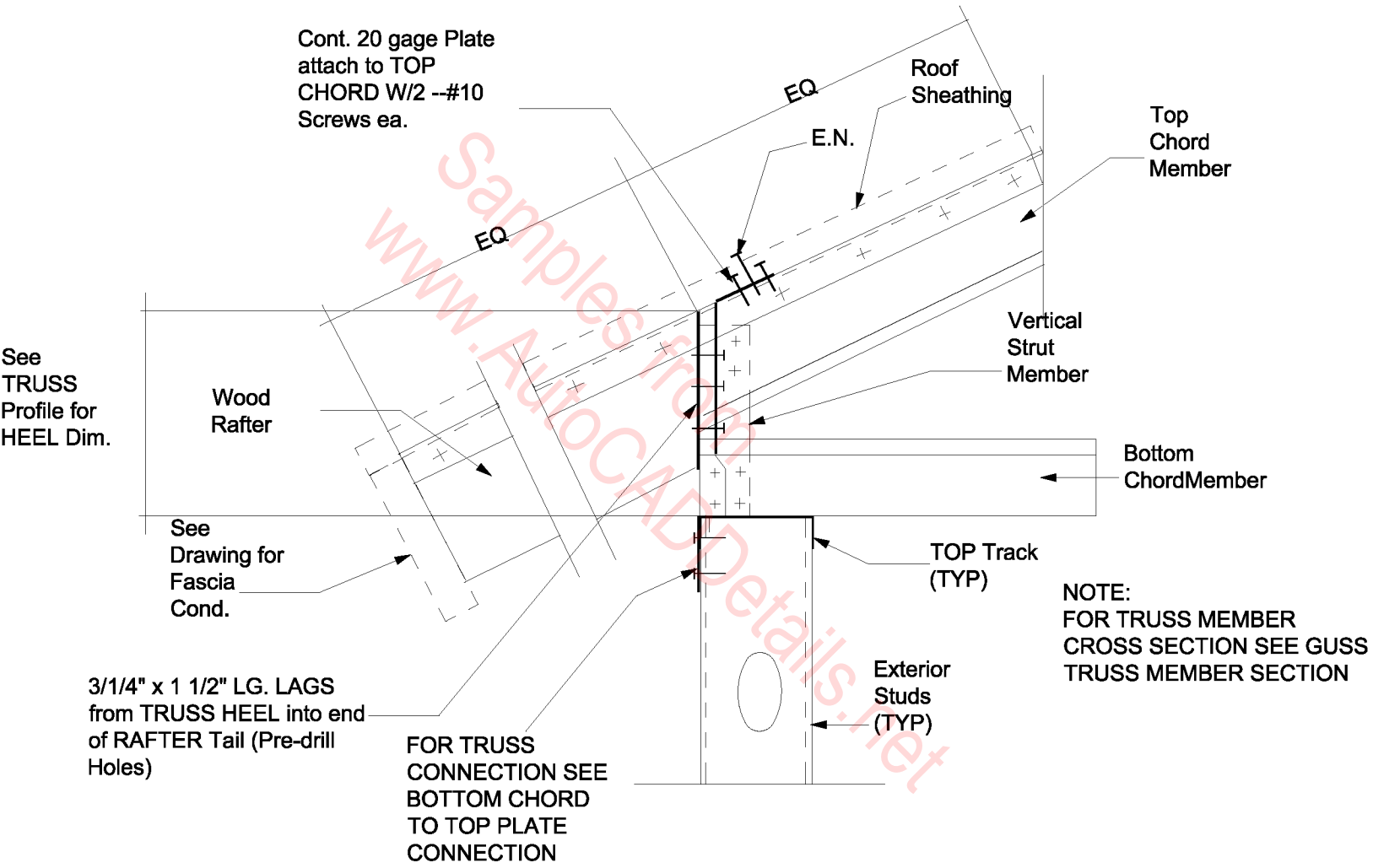


WINDOW OPENING LESS THAN 4 FEET WIDE---NON-BEARING

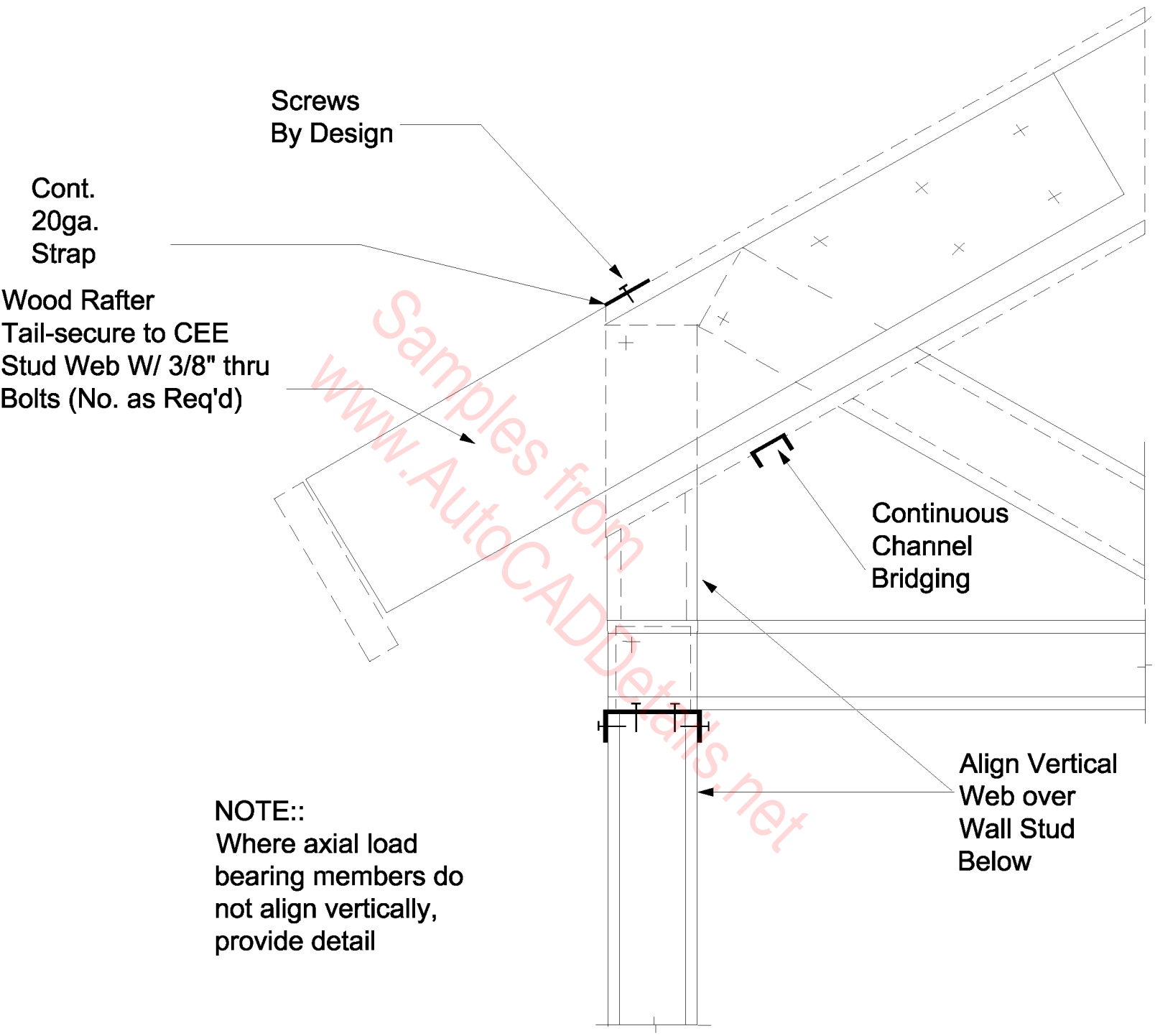


NOTES:
1. Balconies require special detailing and consideration for protection against thermal bridging.
2. Where axial members do not align vertically, provide detail.

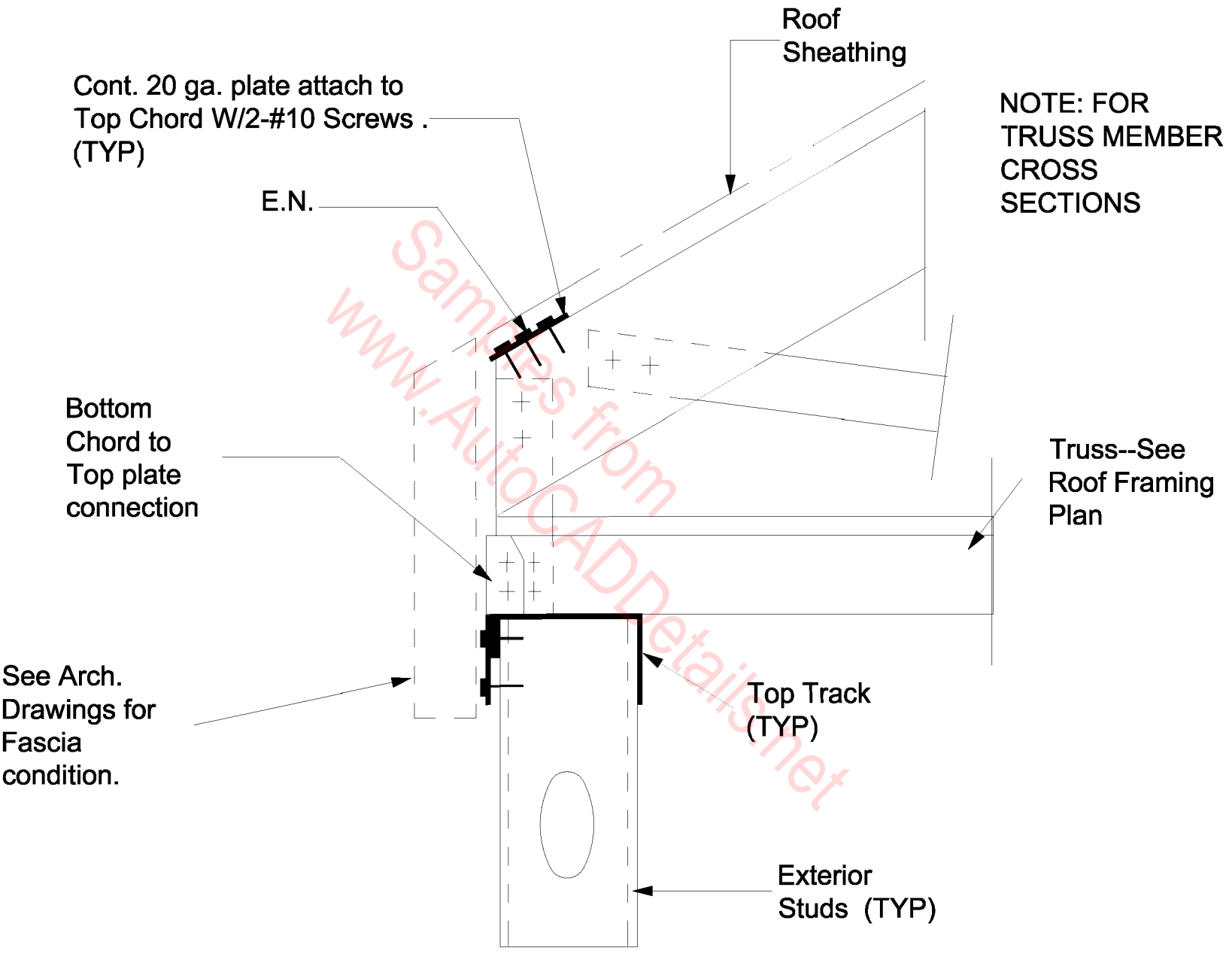
WOOD DECK BALCONY



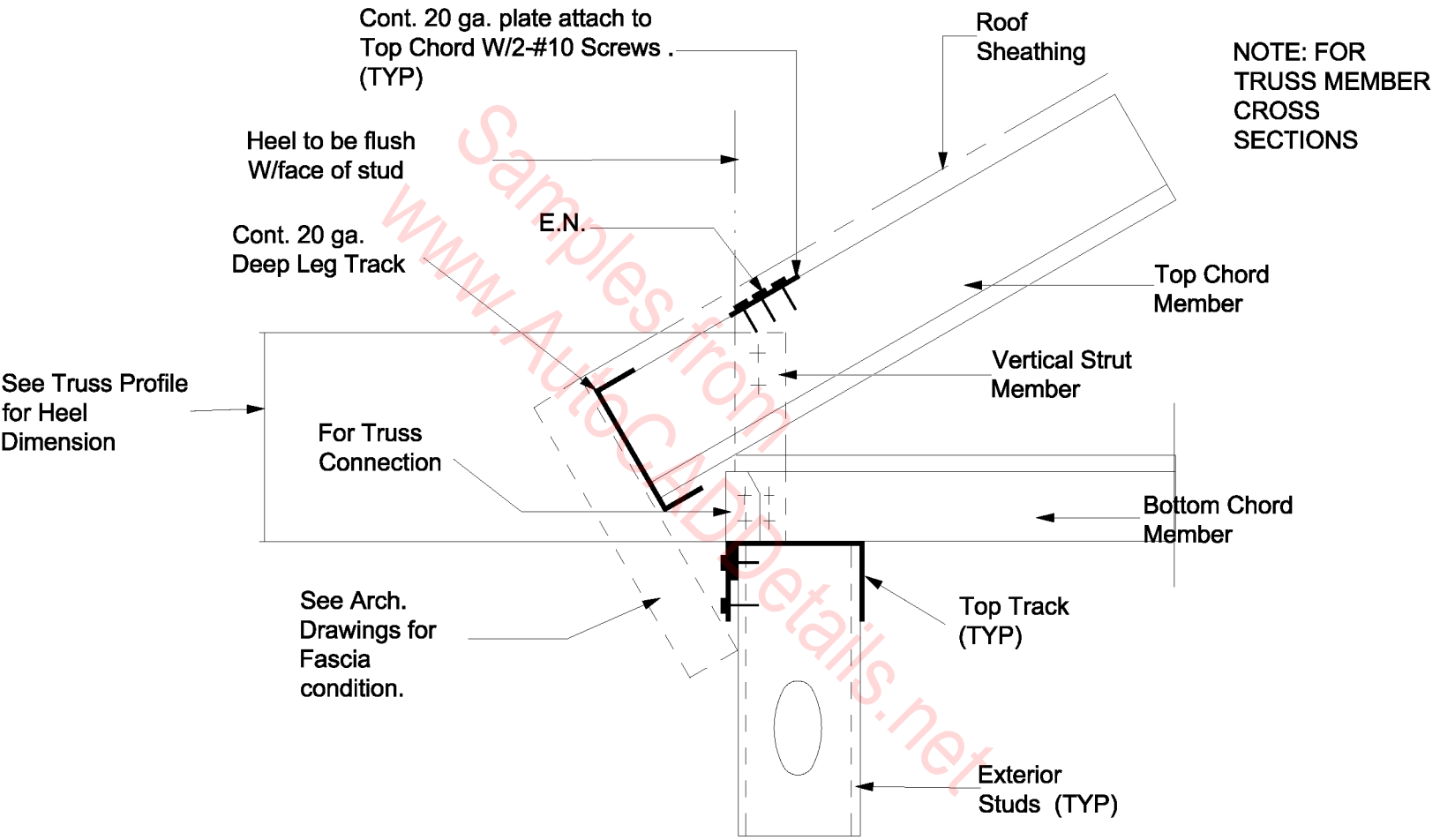
WOOD RAFTER TAIL CONNECTION TO GUS TRUSS



WOOD TAIL CONNECTION TO TRUSS



ZERO OVERHANG--FLAT FASCIA



ZERO OVERHANG--RAKED FASCIA