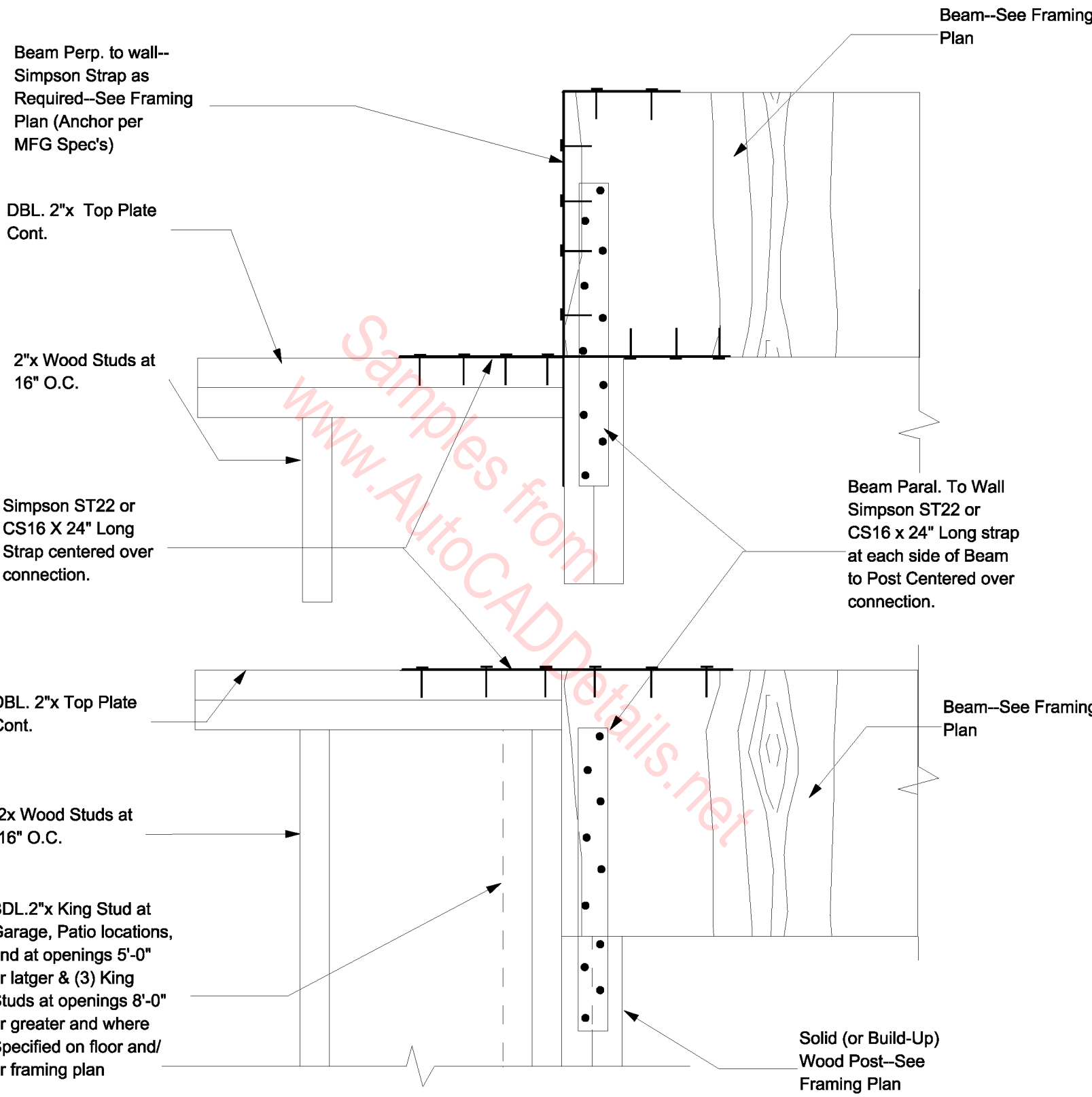
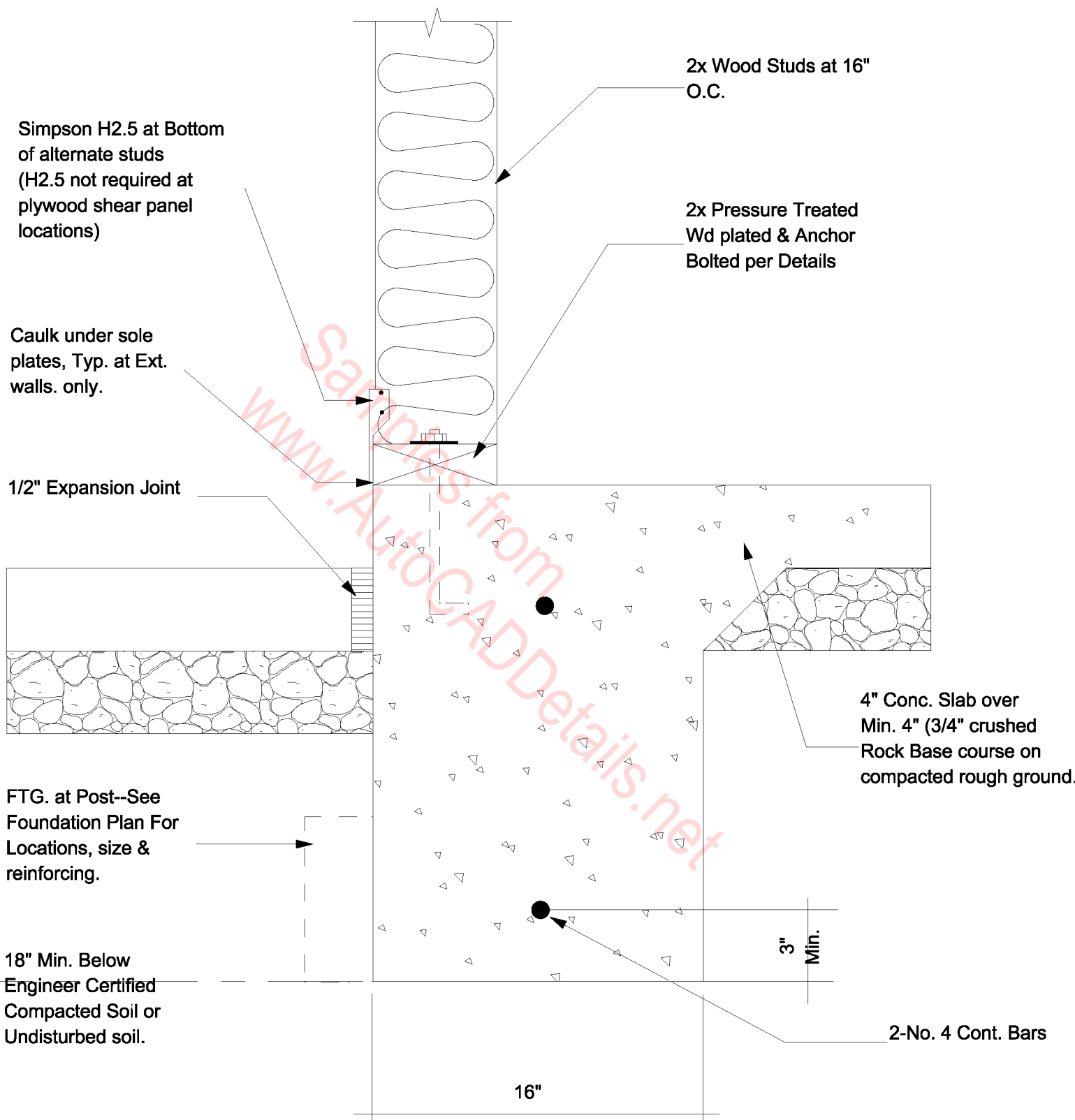


Beam Connection At Wood Post



Beam/Wall Post Connection



Bearing at Stepped Slab

Wood Beam--See Framing

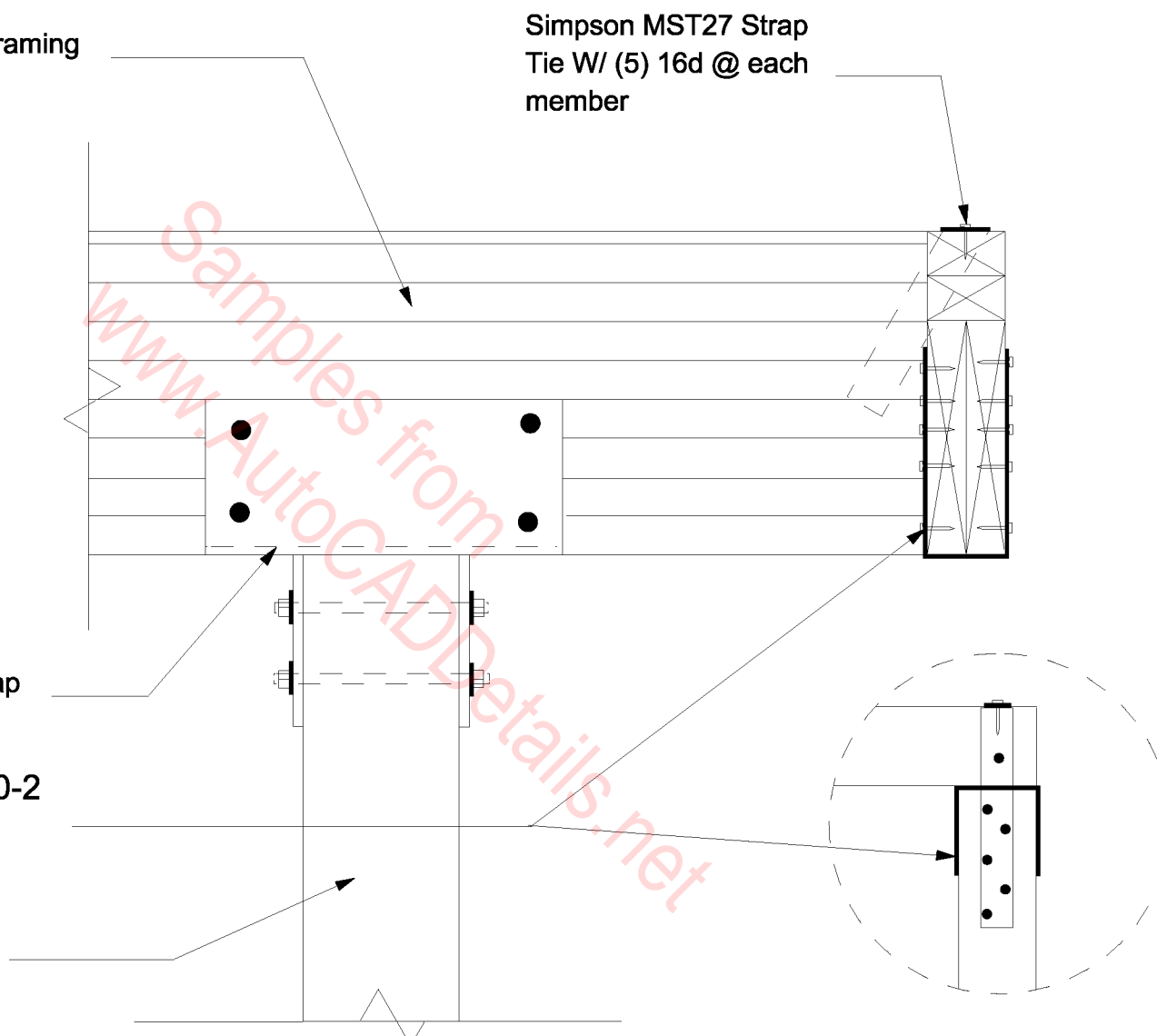
Simpson MST27 Strap
Tie W/ (5) 16d @ each
member

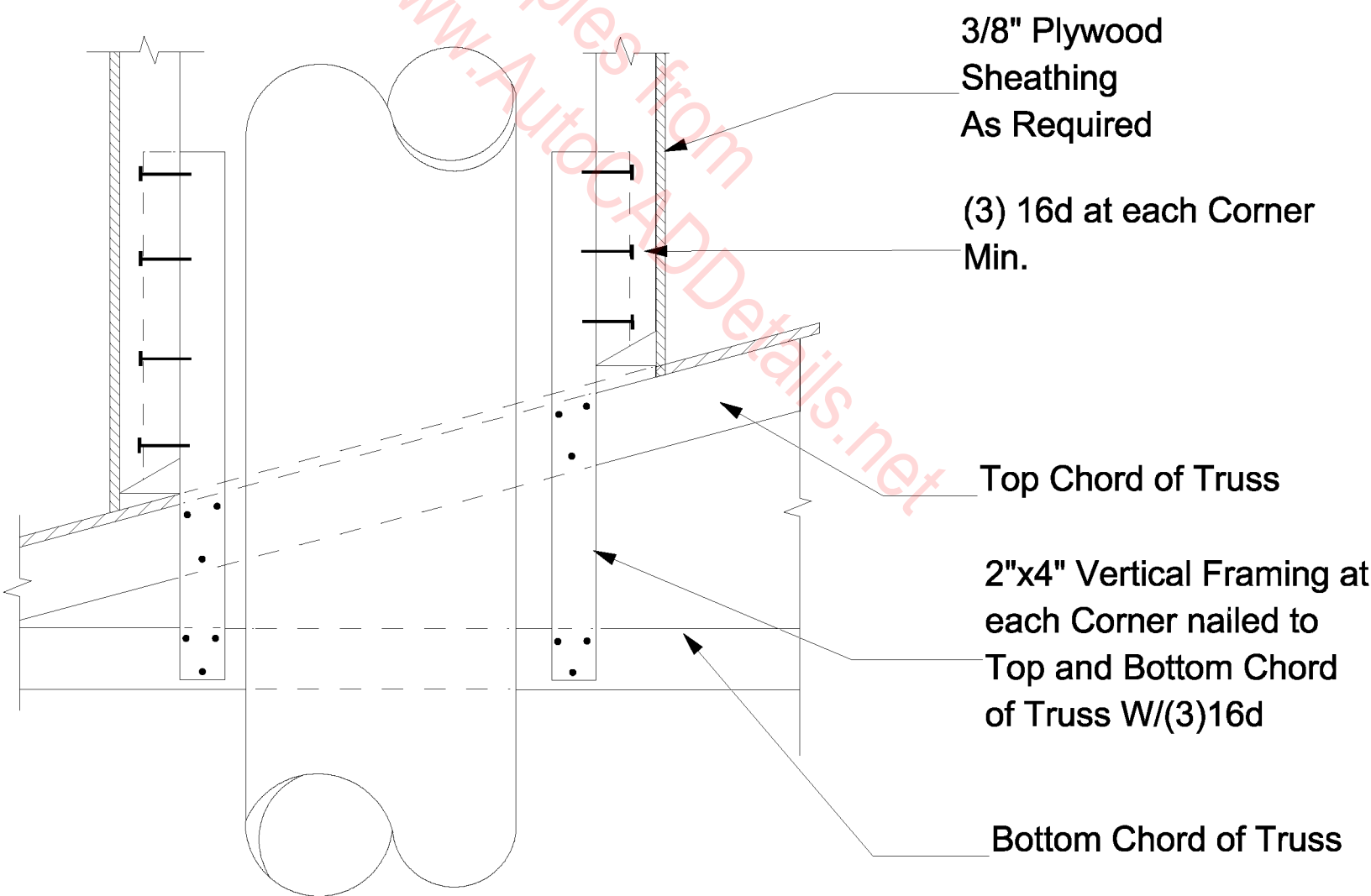
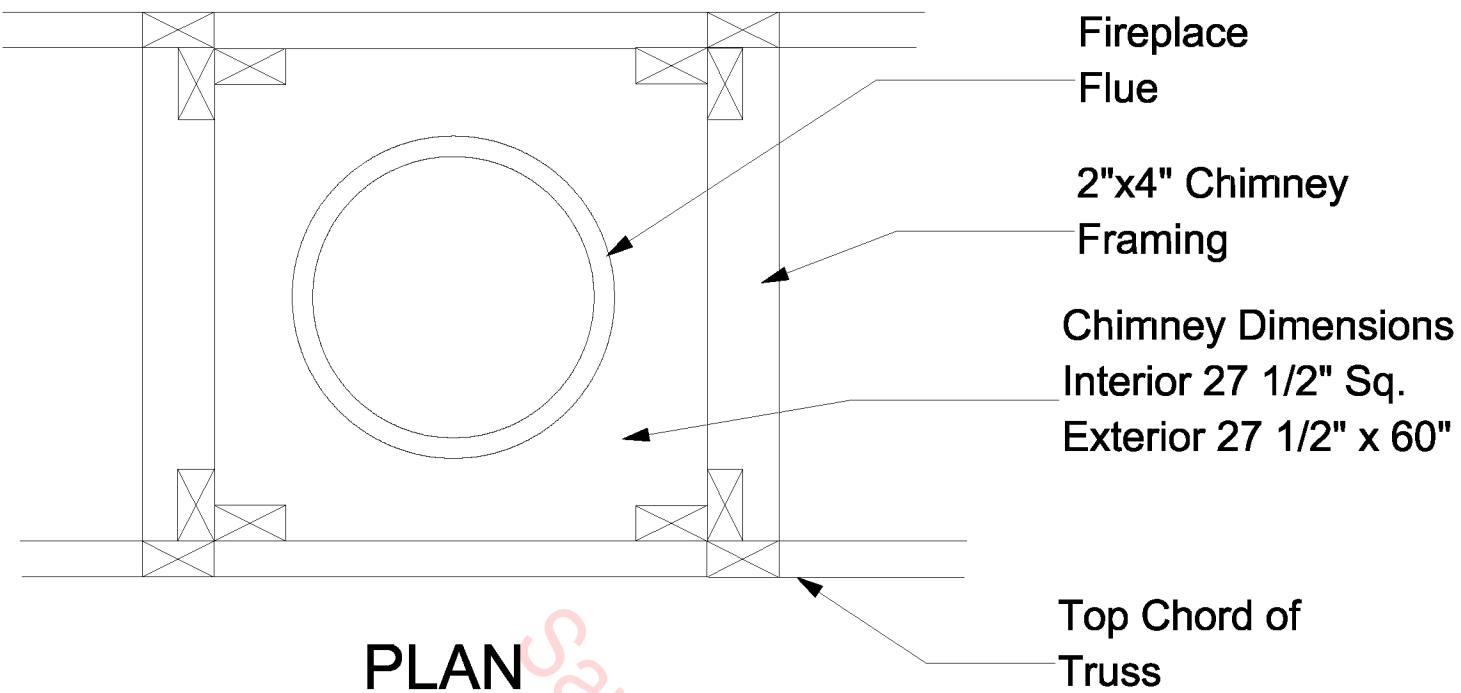
Simpson CC Column Cap

Simpson HUSC210-2
W/Max. Nailing

Wood Post--See Roof
Framing Plan

Cantilevered Beam





CHIMNEY BRACE

18"x18" SQ. GRATE

CATCH BASIN

6" PLUG

24"x24" CONCRETE PAD

GRADE

6" GRAIN

1/4" PER FT. SLOPE

DRAIN DETAIL

www.AutocADDetails.net

2x 6 WD. Studs @ 16" O.C.
with 3/8" O.S.B. sheathing

See Ext. Elevations for
Wall Finish.

Simpson H2.5 @ bottom
of alternate studs.
(H2.5 not required at
plywood shear panel
locations).

Weep screen W/3 1/2"
attachment flange

2x pressure treated
wood plate W/ 1/2"
Min. 4'-0" O.C. with 5/16"x2"
washers embed 7" Min. Min.
2 bolts per piece & 12" Max
from each end.

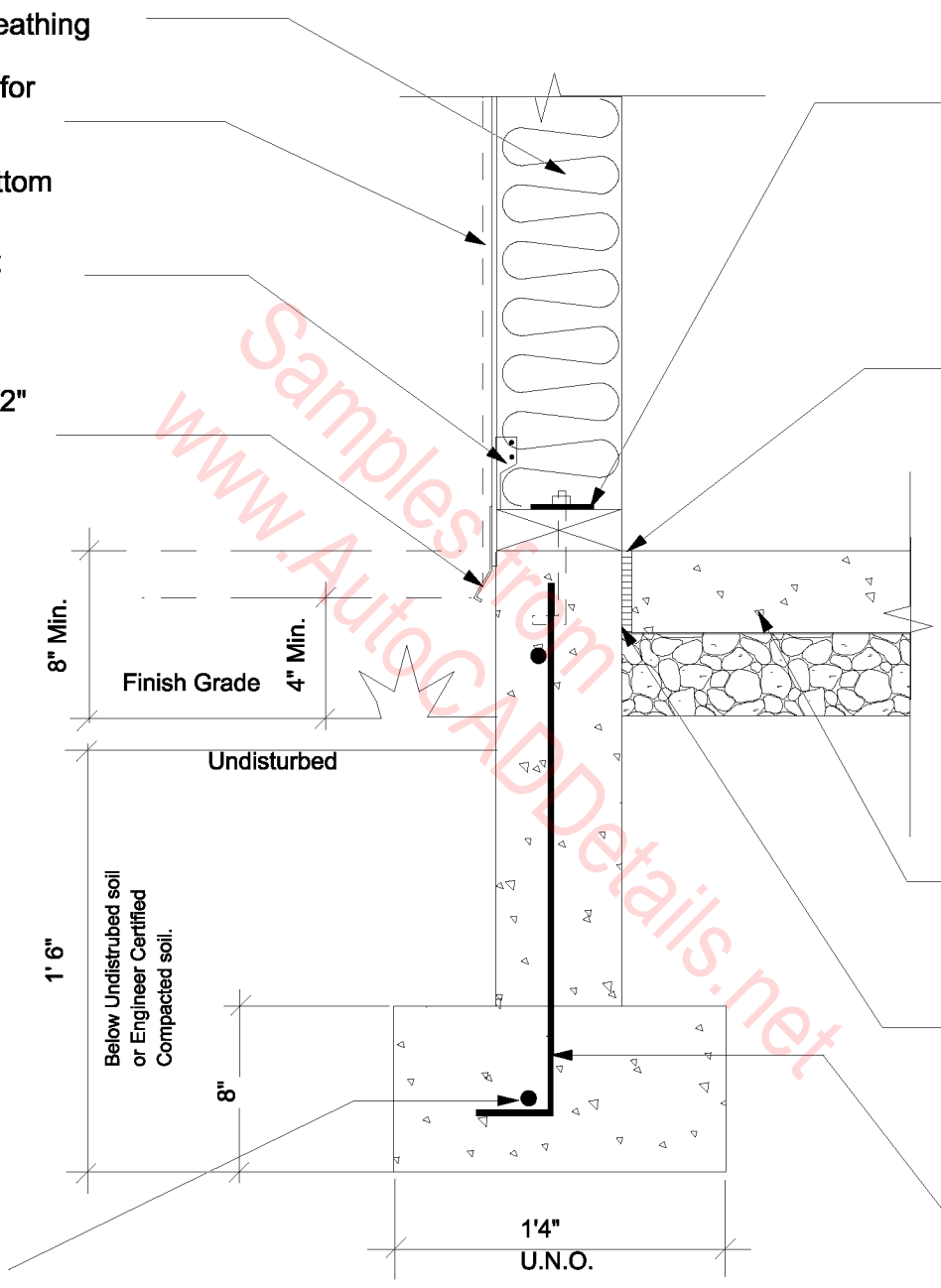
Caulk under Plate

4" Conc. Slab over
Min. 4" (3/4") crushed
Rock Base course on
compacted rough ground.

1/2" expansion Joint

No. 4 Vert. Bars @ 48"
O.C. & at all corners Typ.

2-No4 Cont. Bars
Top & Bottom



Exterior Footing at 6" Wall

2x 6 WD. Studs @ 16" O.C.
with 3/8" O.S.B. sheathing

See Ext. Elevations for
Wall Finish.

Simpson H2.5 @ bottom
of alternate studs.
(H2.5 not required at
plywood shear panel
locations).

2x pressure treated
wood plate W/ 1/2"
Min. 4'-0" O.C. with 5/16"x2"
washers embed 7" Min. Min.
2 bolts per piece & 12" Max
from each end.

Caulk under Plate

4" Conc. Slab over
Min. 4" (3/4") crushed
Rock Base course on
compacted rough ground.

1/2" expansion Joint

No. 4 Vert. Bars @ 48"
O.C. & at all corners Typ.

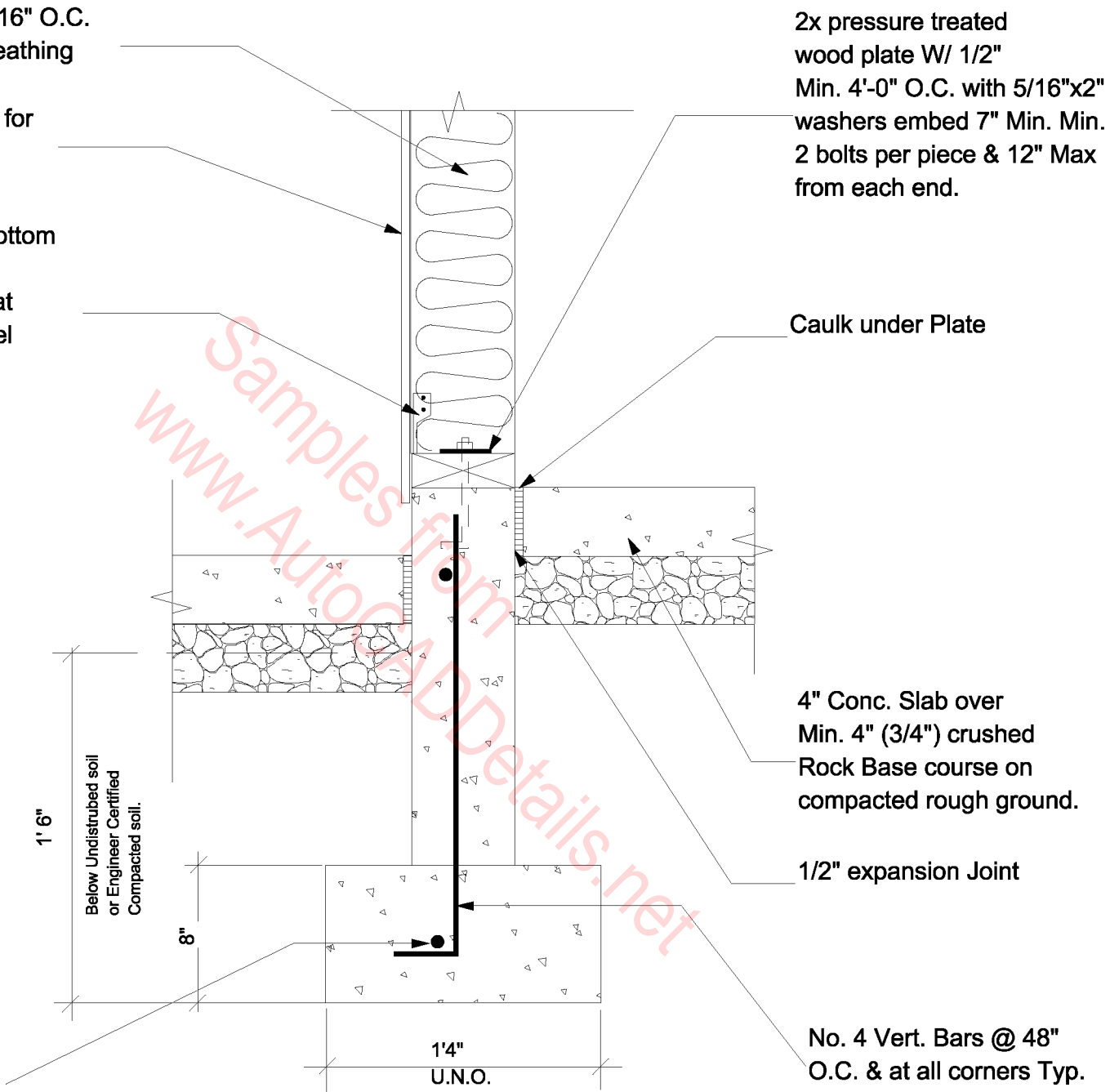
1' 6"
Below Undisturbed soil
or Engineer Certified
Compacted soil.

8"

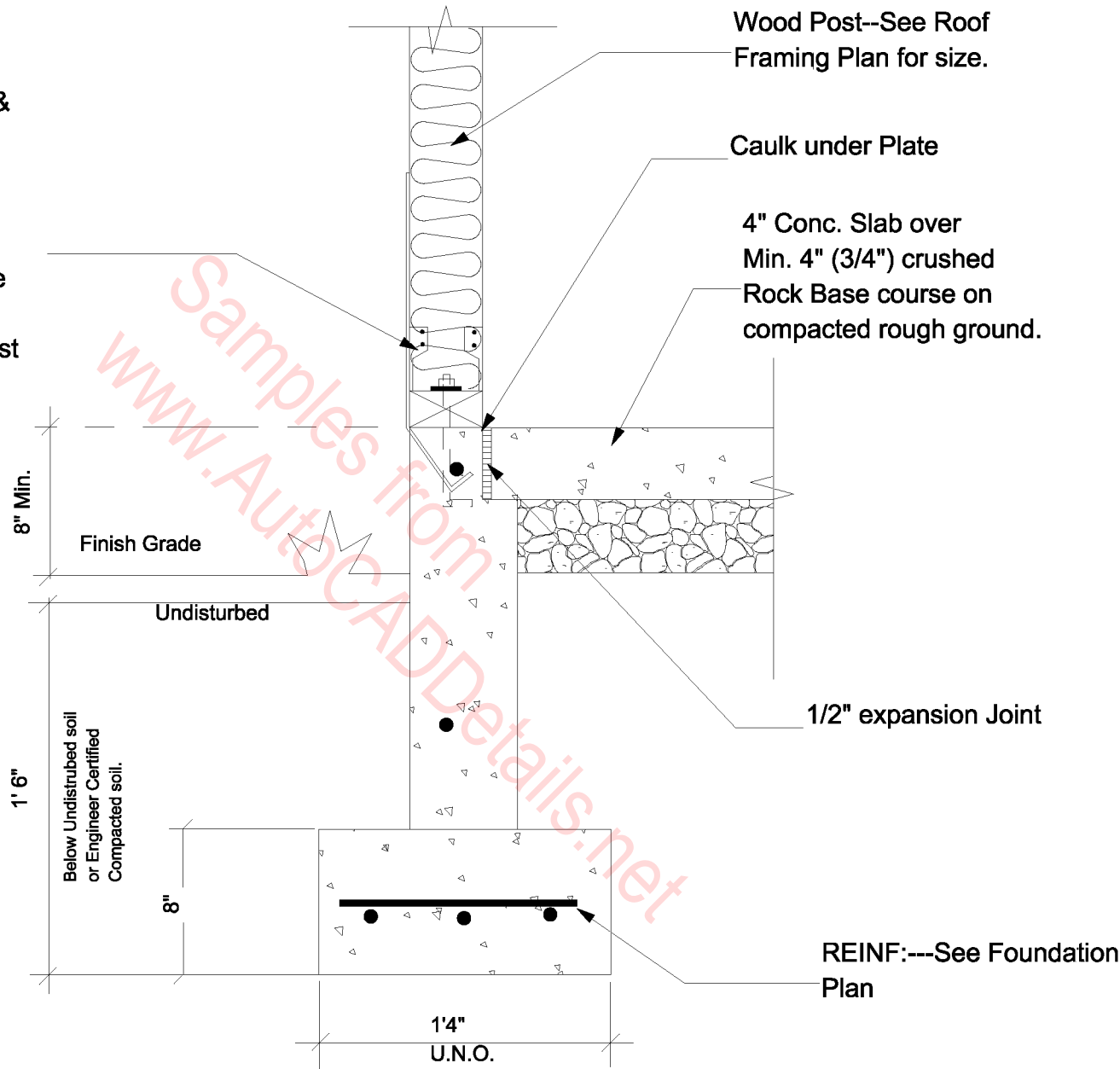
1'4"
U.N.O.

2-No4 Cont. Bars
Top & Bottom

Exterior Footing at Patio Slab

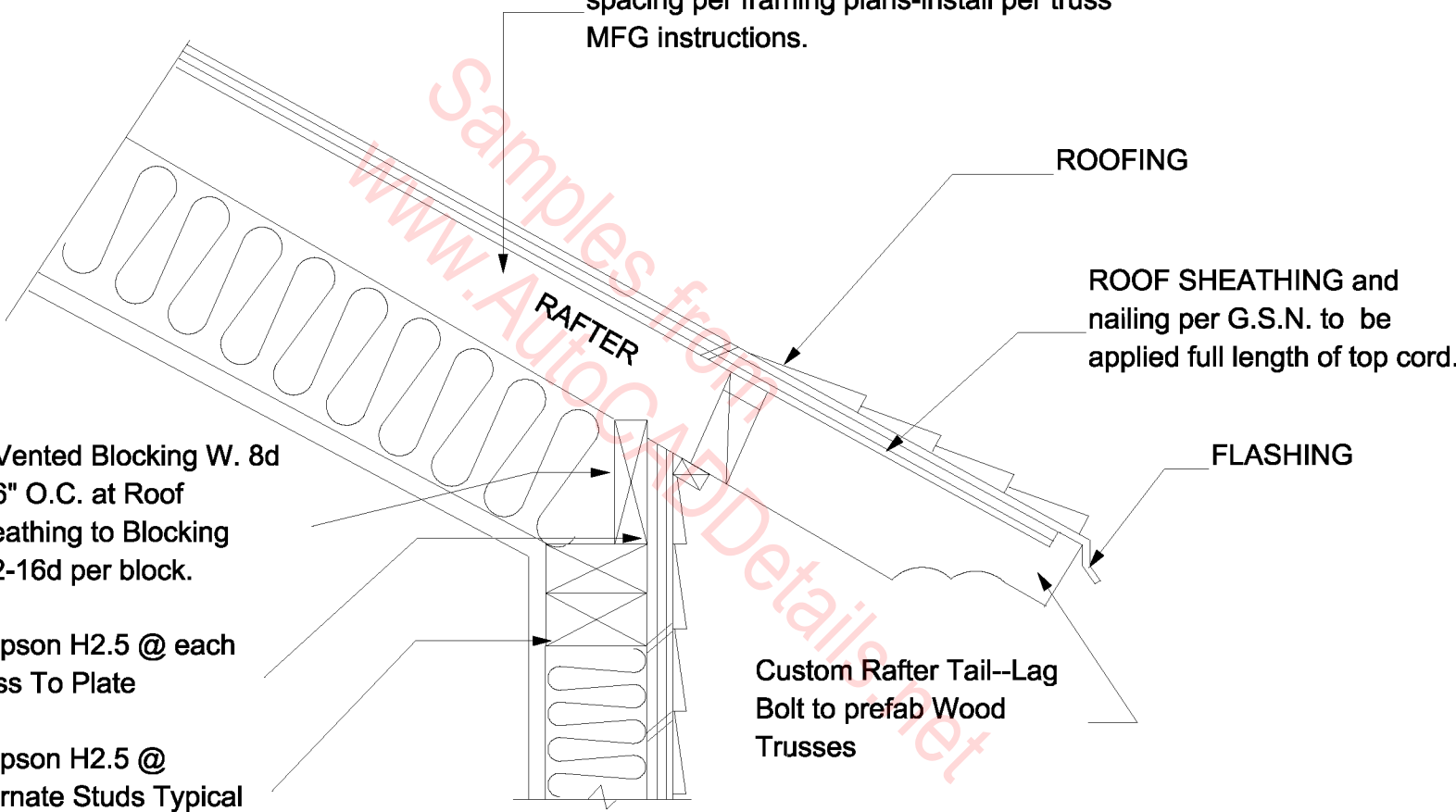


Simpson H2.5 @ post & 1/2" dia. A.B. (embed. 7" Min.) or Redhead anchor (Embed 5" Min) within 12" of Post at each side or Simpson PAHD42 Strap cast into stem post location.



Exterior Wall Post

Pre-FAB Wood Trusses-Pitch, Type, and spacing per framing plans-install per truss MFG instructions.



ROOFING

ROOF SHEATHING and nailing per G.S.N. to be applied full length of top cord.

FLASHING

RAFTER

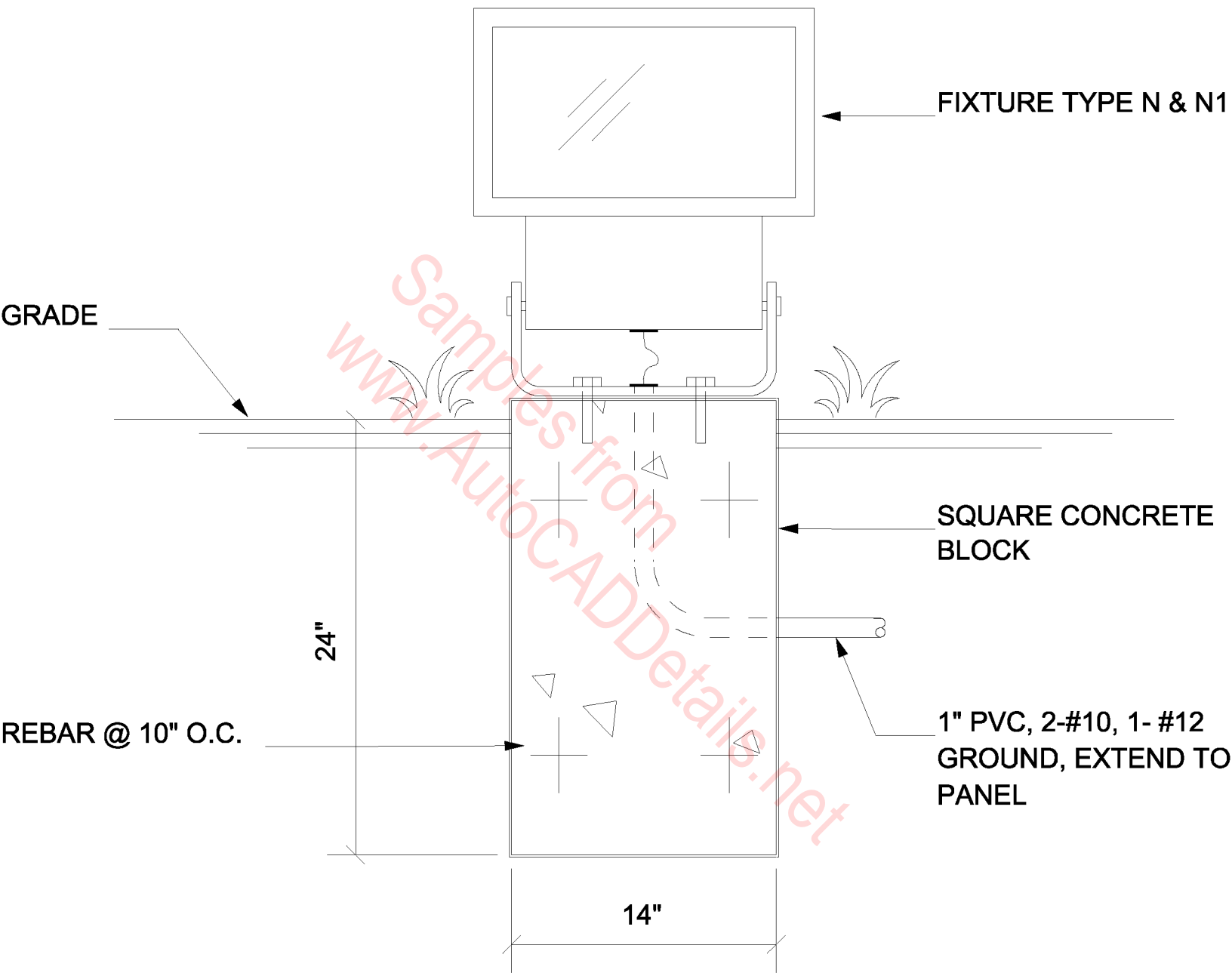
Custom Rafter Tail--Lag Bolt to prefab Wood Trusses

2x Vented Blocking W. 8d @ 6" O.C. at Roof Sheathing to Blocking W/2-16d per block.

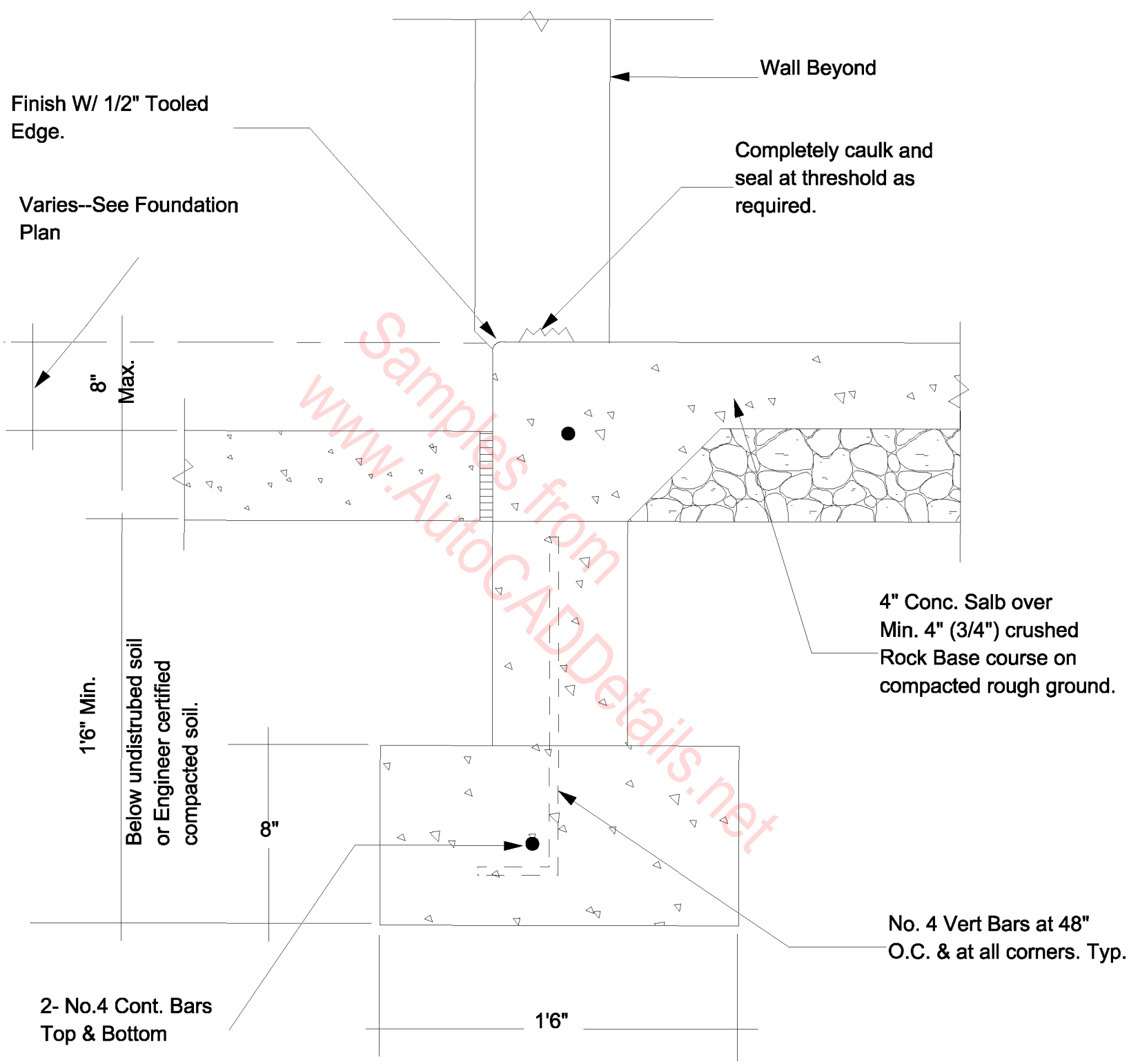
Simpson H2.5 @ each Truss To Plate

Simpson H2.5 @ Alternate Studs Typical

FALSE RAFTER TAILS



FLOOD LIGHT BASE DETAIL



Footing at Depressed Stem

2x 6 WD. Studs @ 16" O.C.
with 3/8" O.S.B. sheathing

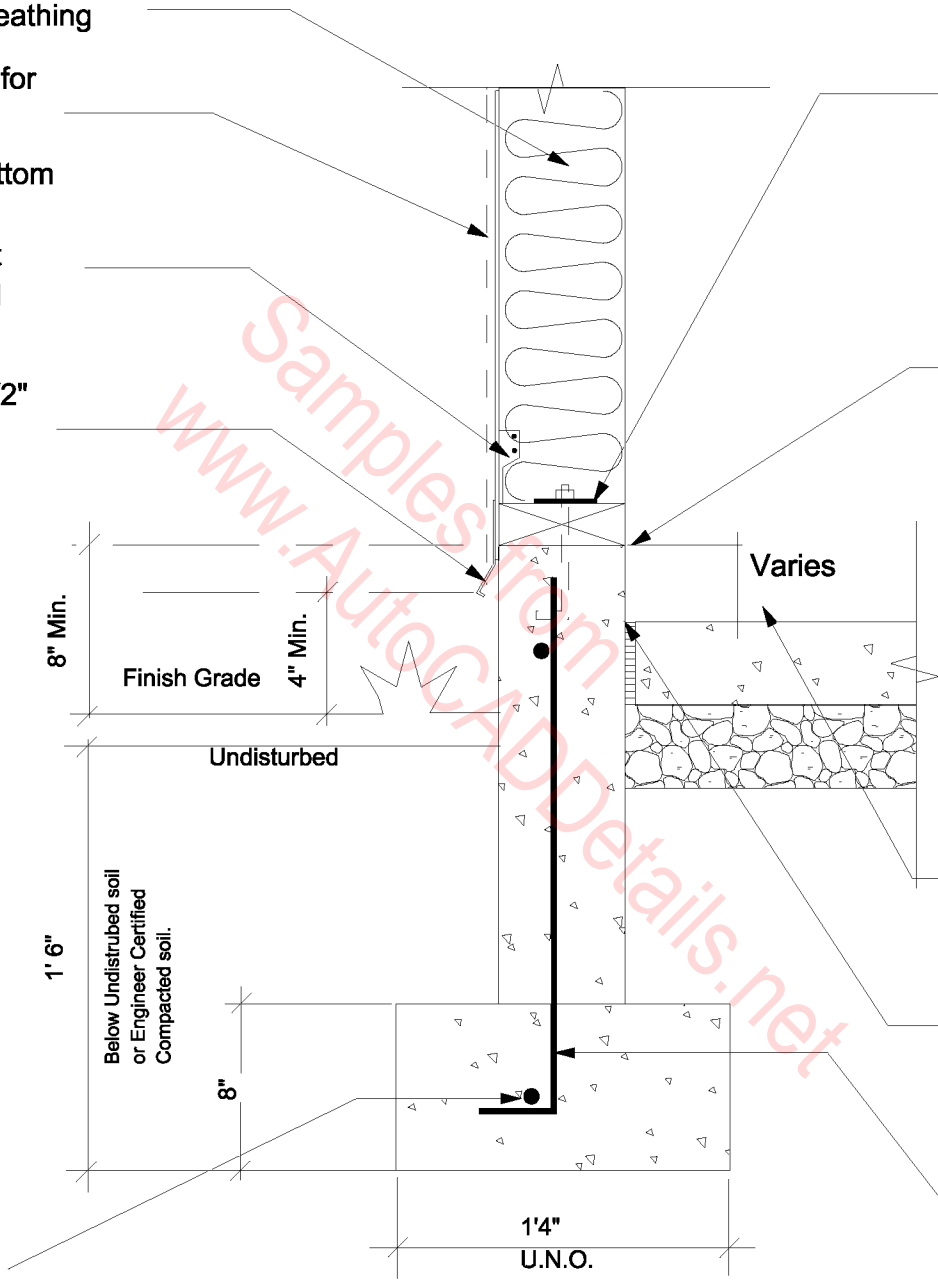
See Ext. Elevations for
Wall Finish.

Simpson H2.5 @ bottom
of alternate studs.
(H2.5 not required at
plywood shear panel
locations).

Weep screen W/3 1/2"
attachment flange

2x pressure treated
wood plate W/ 1/2"
Min. 4'-0" O.C. with 5/16"x2"
washers embed 7" Min. Min.
2 bolts per piece & 12" Max
from each end.

Provide 1/2" tooled
edge at interior of stem



Footing at Sunken Slab

2x pressure treated plate W/min 4-1/2" Dia. A.B. (! each side)

Simpson H2.5 t Top & Bottom of Alt. Studs; (4) H2.5 at Post where occurs (at Top & Bottom) (H2.5 not req'd if col. has plywood sheathing)

2x4 Blocking @ 48" O.C.

Stucco System Over 2x WD Studs Weep Screen 2" Min. Above Slab

1/2" expansion Joint

Finish Grade
UNDISTURBED

2" Min.
5" Min.

4" Concrete Slab where occurs

Slab Beyond

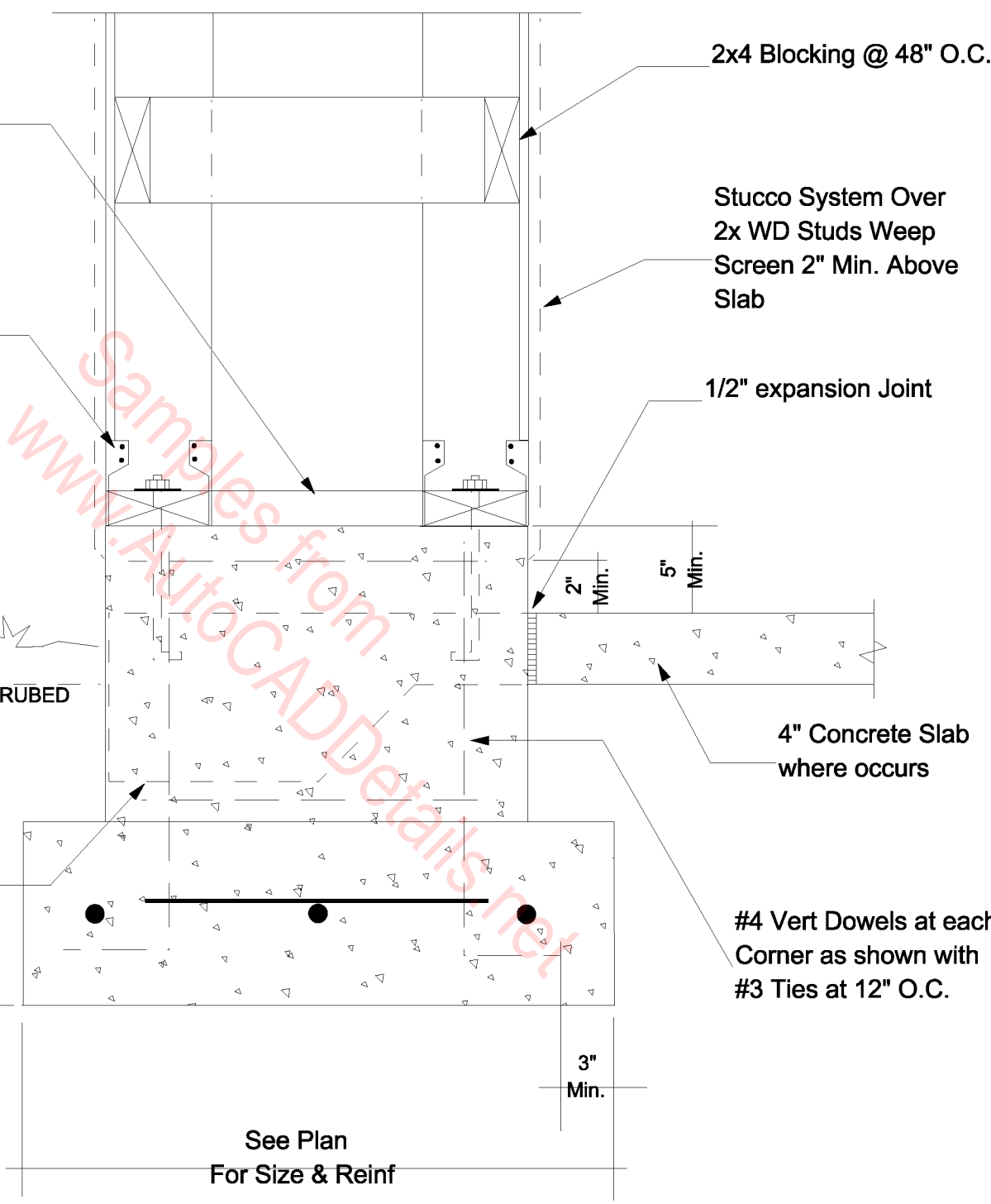
#4 Vert Dowels at each Corner as shown with #3 Ties at 12" O.C.

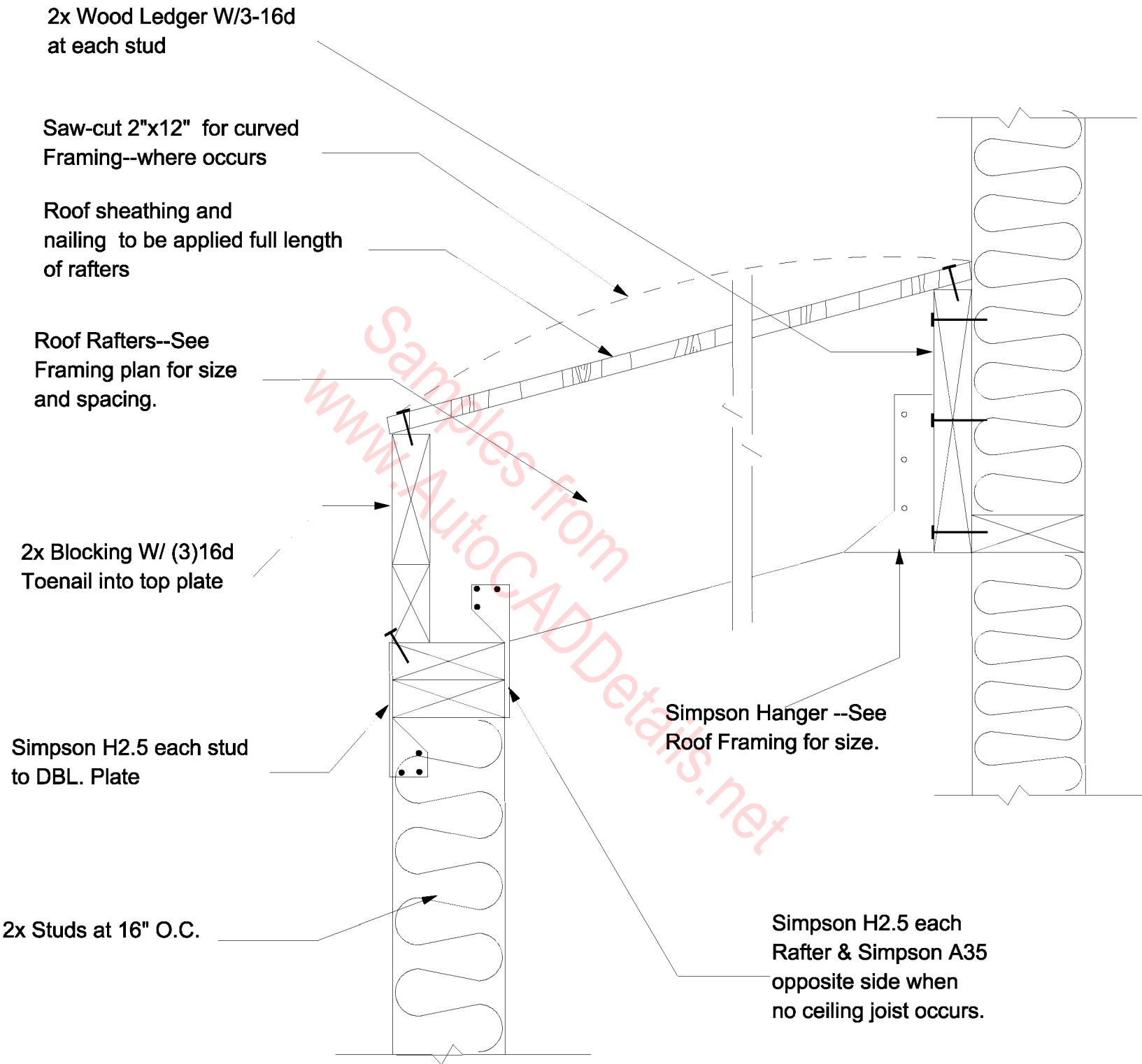
18" Min. Below Engineer Certified Compacted Soil or Undisturbed soil.

3" Min.

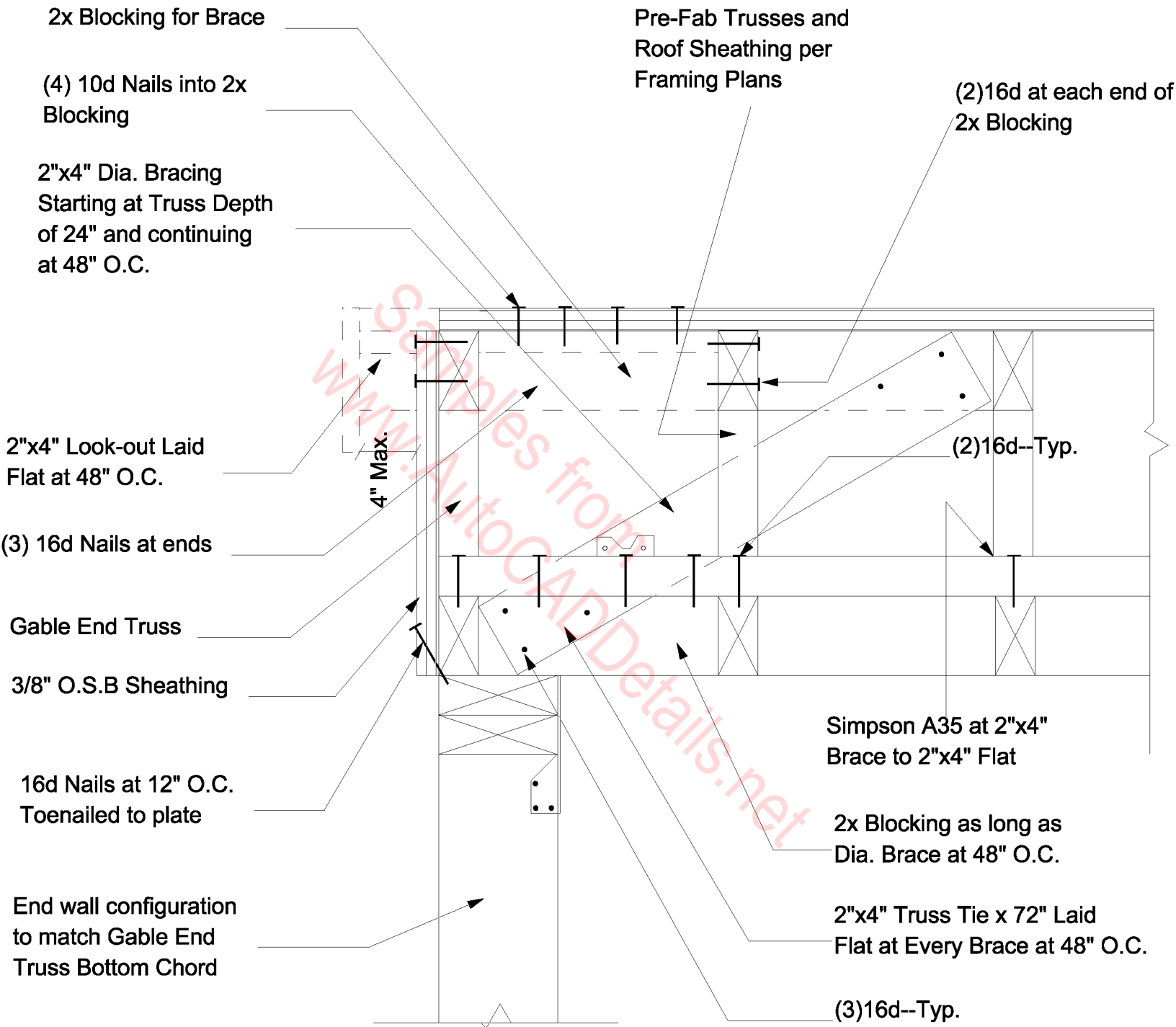
See Plan For Size & Reinf

Framed Box Column





Framing at Bay Window

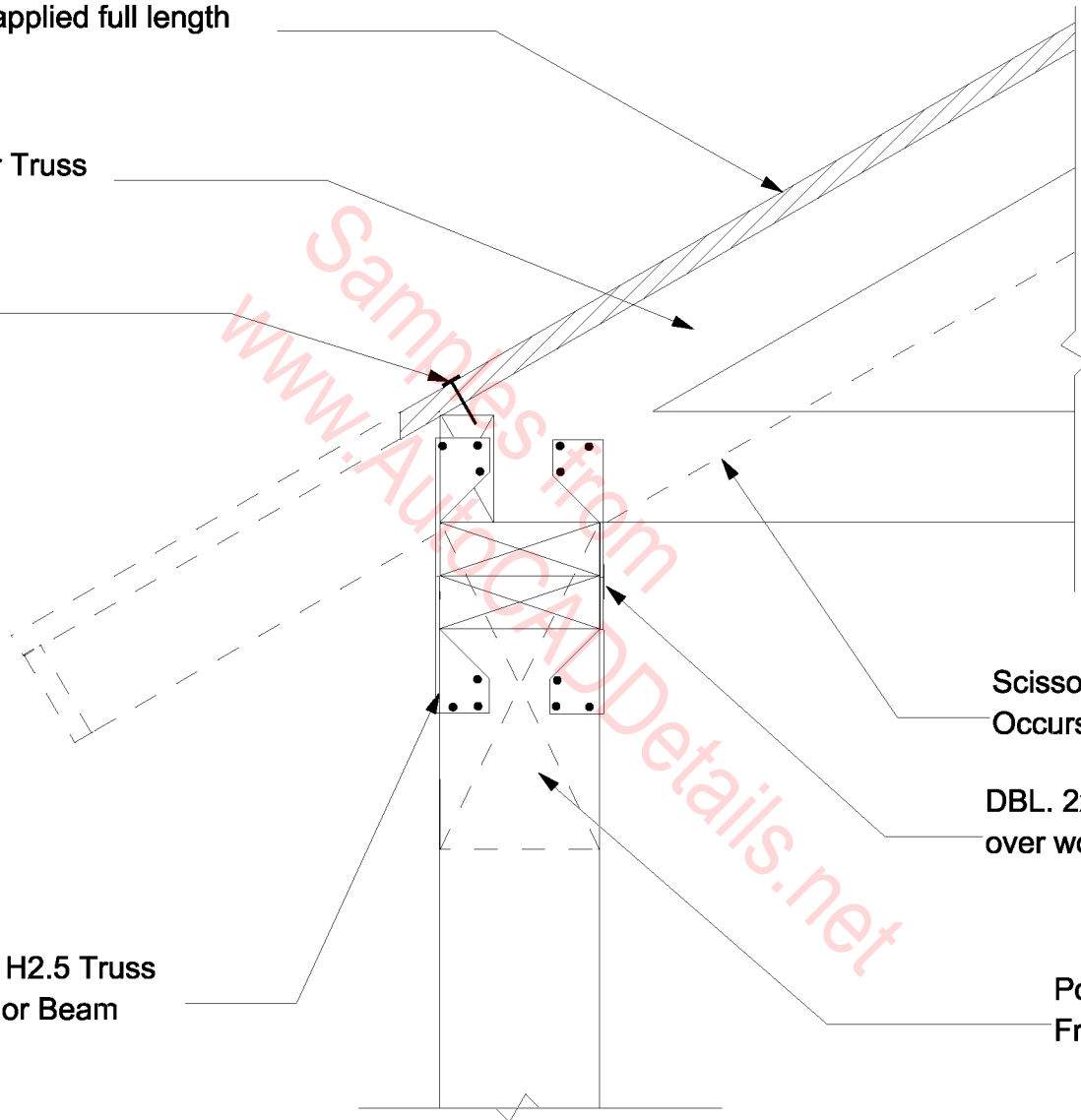


Gable End Truss Bracing

Roof Sheathing and
Nailing to be applied full length
of Top Chord

Pre-Fab Girder Truss

8d at 6" O.C.



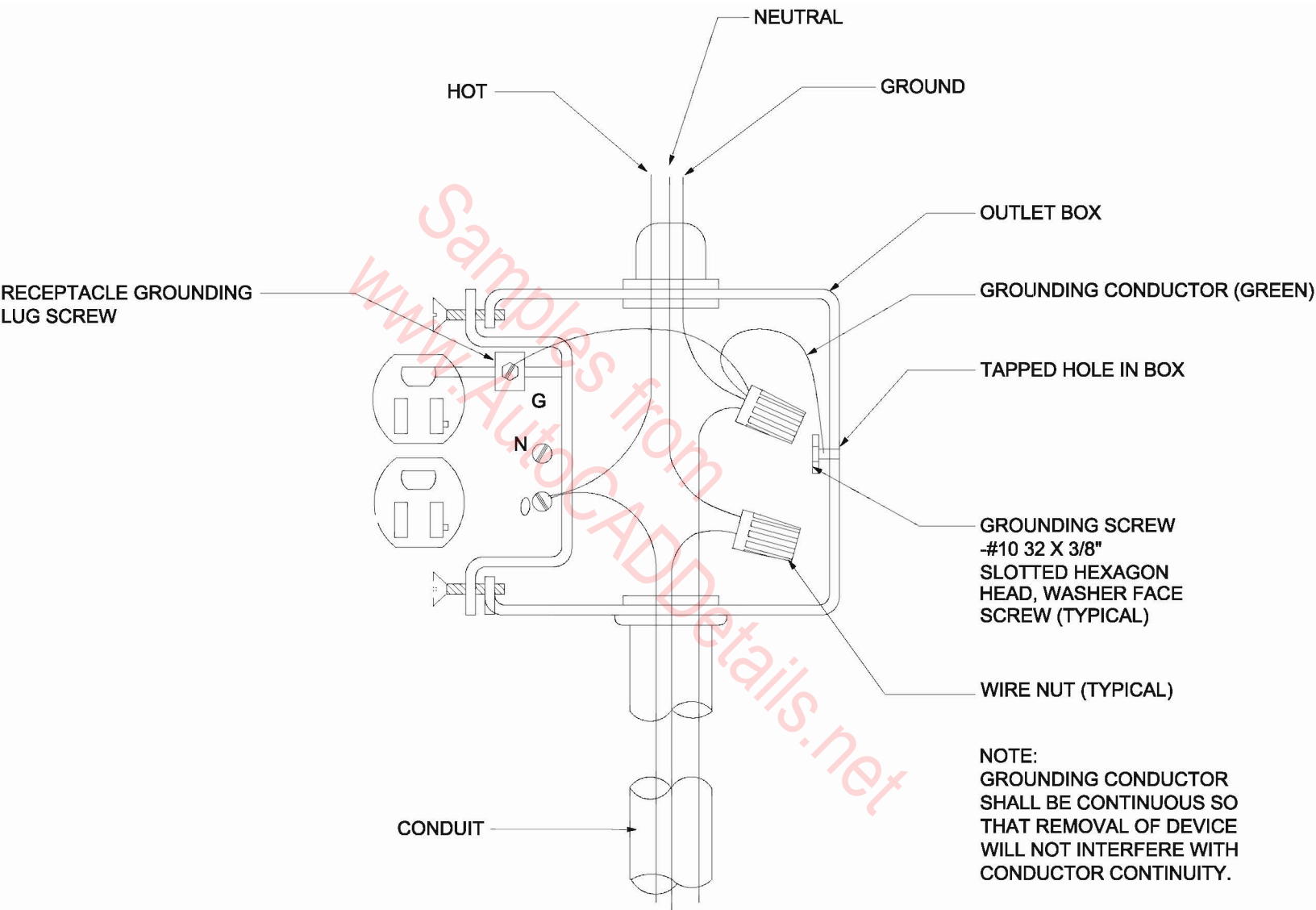
Scissor Truss--Where
Occurs

DBL. 2x Top Plate Continuous
over wood post, where occurs

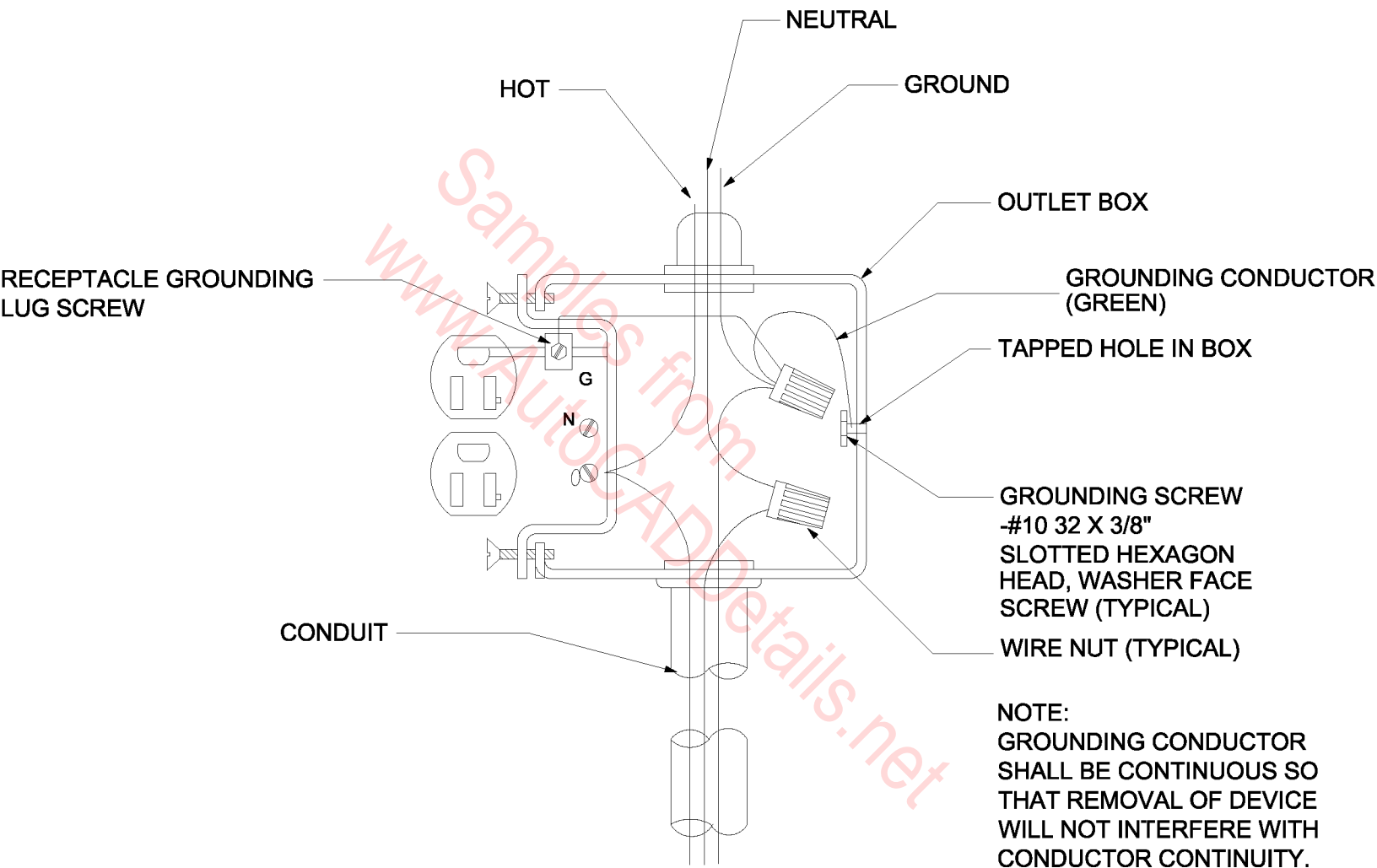
(4) Simpson H2.5 Truss
to Top plate or Beam

Post or Beam--See
Framing Plan

Girder Truss at Plate Beam



GROUNDING RECEPTACLE INSTALLATION



GROUNDING RECEPTACLE INSTALLATION

1/2" Plywood Sheathing
See Nailing Schedule

Nailing 8d 6" O.C.

Nailing 8d 6" O.C.

16d Nails at 8" O.C.

2-30d Nails at Plate to
each wood stud

Nailing: 8d at 6" O.C.
to each stud.

2-Layers 1/4" Plywood
Exterior Typ.

Pre-Fab Wood Trusses at
24" O.C.

Simpson A35 at each Truss
(3) 3/4" THK. Plywood Plate

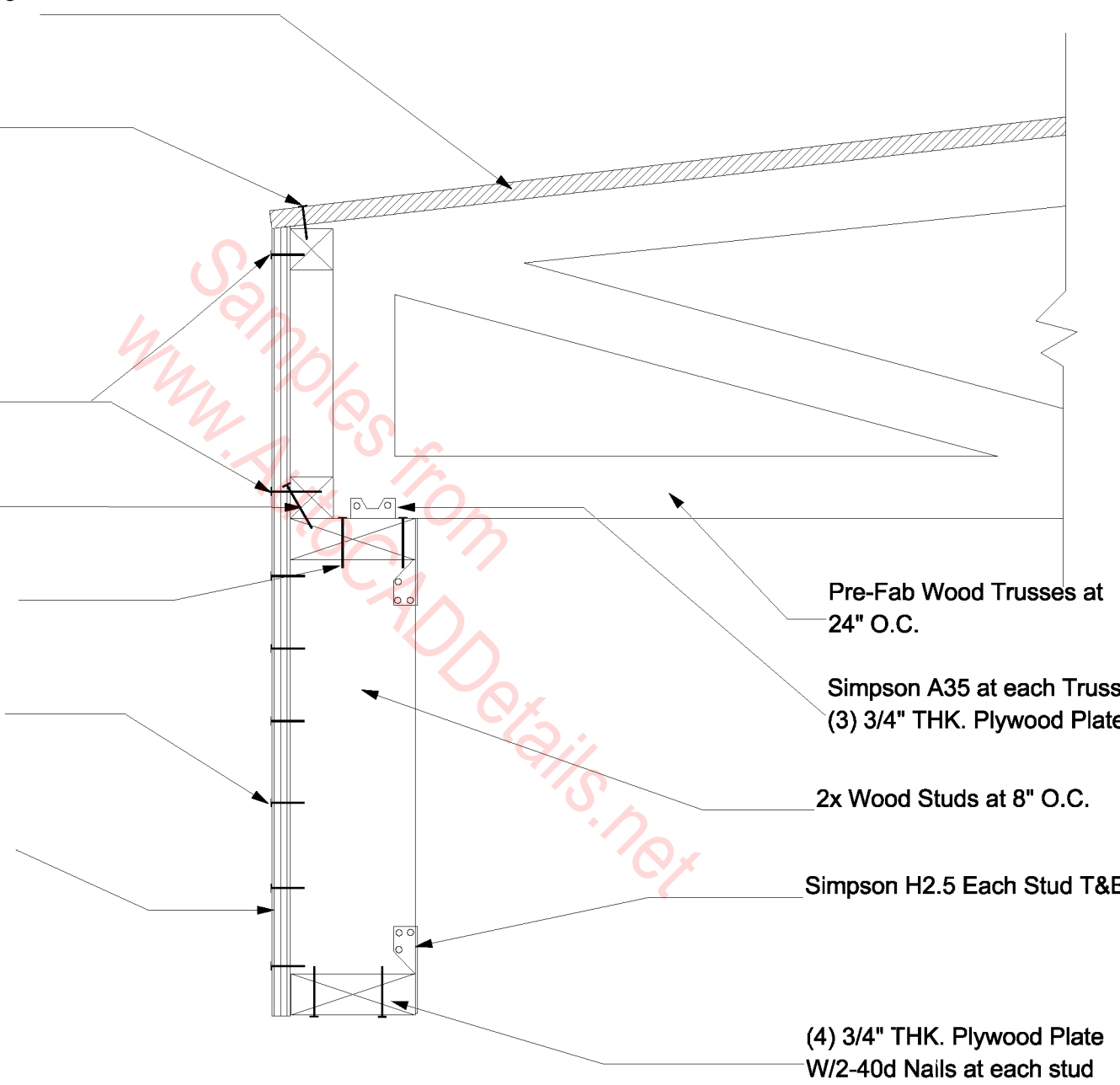
2x Wood Studs at 8" O.C.

Simpson H2.5 Each Stud T&B

(4) 3/4" THK. Plywood Plate
W/2-40d Nails at each stud

HEADER at RADIUS WALL

www.ArchCADDetails.net



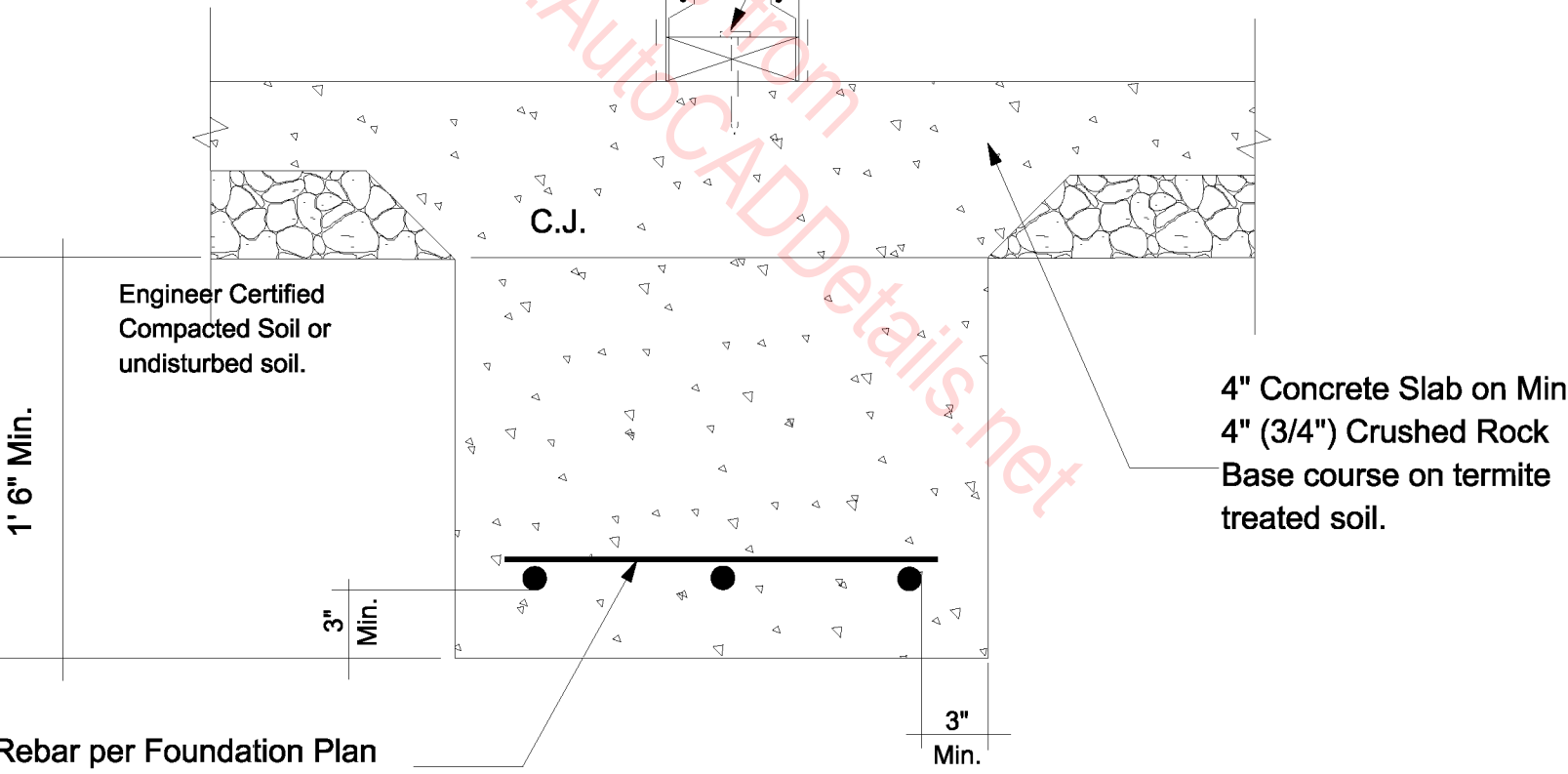
Finishes--See Spec's.

For Interior Freestanding Post Locations--Use Simpson AB (Size per Post) W/ 1/2" Dia. "Redhead Anchor Embedded 5" Min.

Solid (or Built-Up) WD. Post--See Framing Plan

2x Cont. Plate W/"HILTI" Pins DN-72 @ Max 36" O.C. W/ 1-1/8" Embedment or Approved W equal. Min. 2-Pins per piece & 6" Max. from each end. TYP.

(4) Simpson H2.5 @ Post to Plate



4" Concrete Slab on Min. 4" (3/4") Crushed Rock Base course on termite treated soil.

Engineer Certified Compacted Soil or undisturbed soil.

1' 6" Min.

3" Min.

3" Min.

Rebar per Foundation Plan

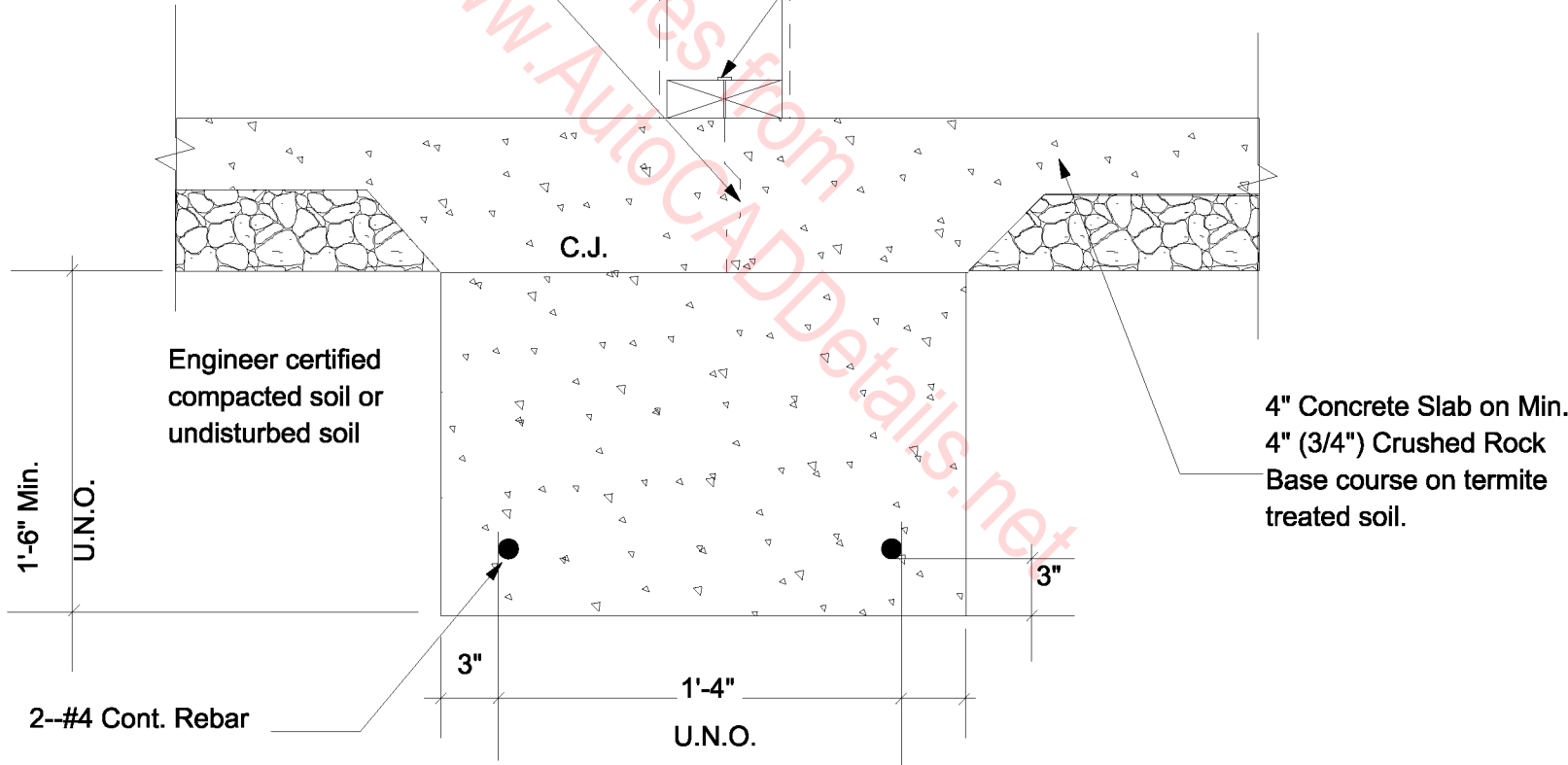
Interior Bearing Post

Finishes--See Spec's.,
U.N.O

Control Joint--Where
occurs (Stagger pins at
C.J. conditions) see foundation
Plan for location.

2x wood studs at 16"
O.C.

2x Cont. Plate W/"HILTI"
pins DN-72 at Max 36"
O.C. W/ 1-1/8" embedment or
approved equal. Min 2-Pins per
piece & 6" Max. from each end.

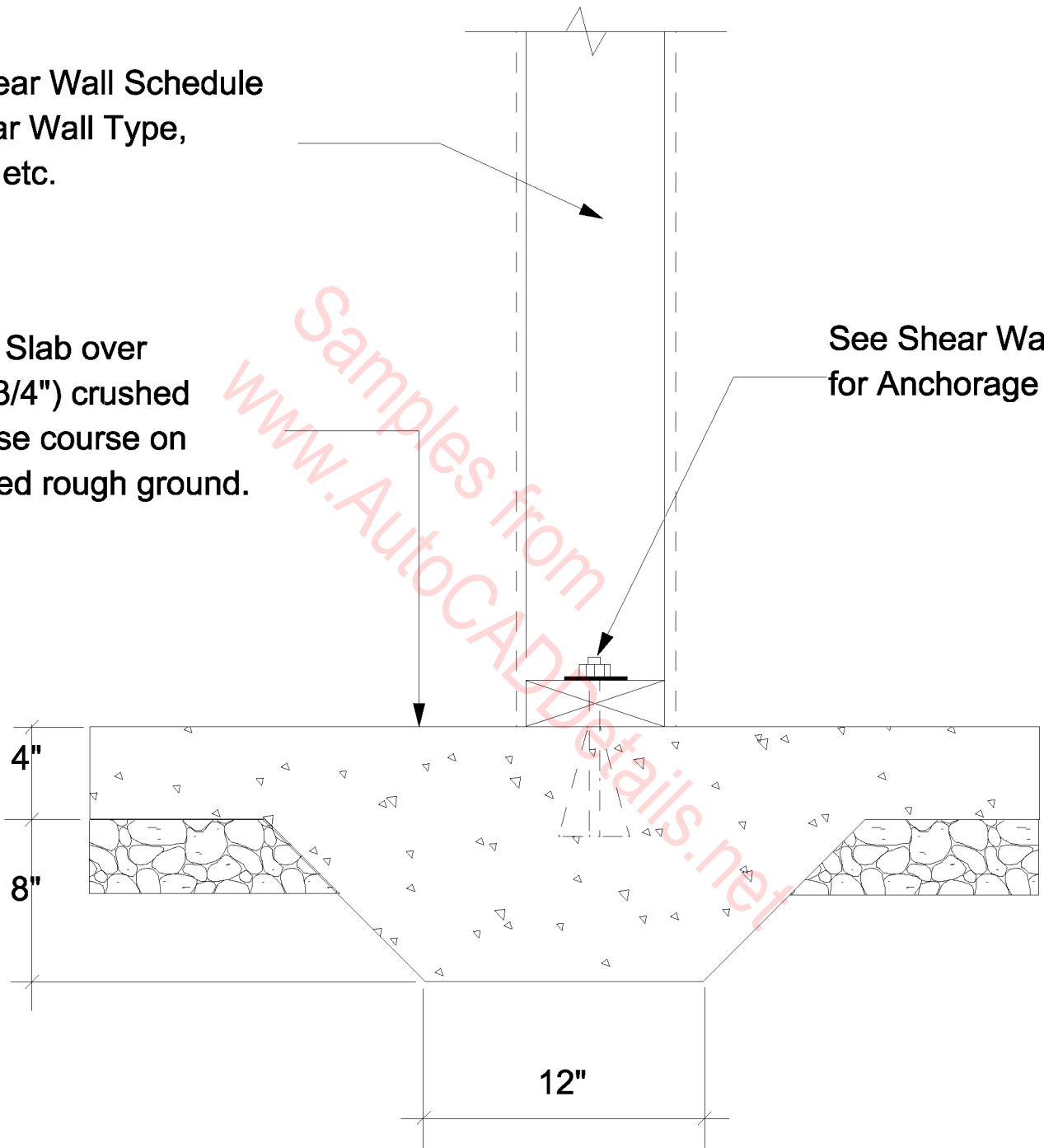


Interior Bearing Wall

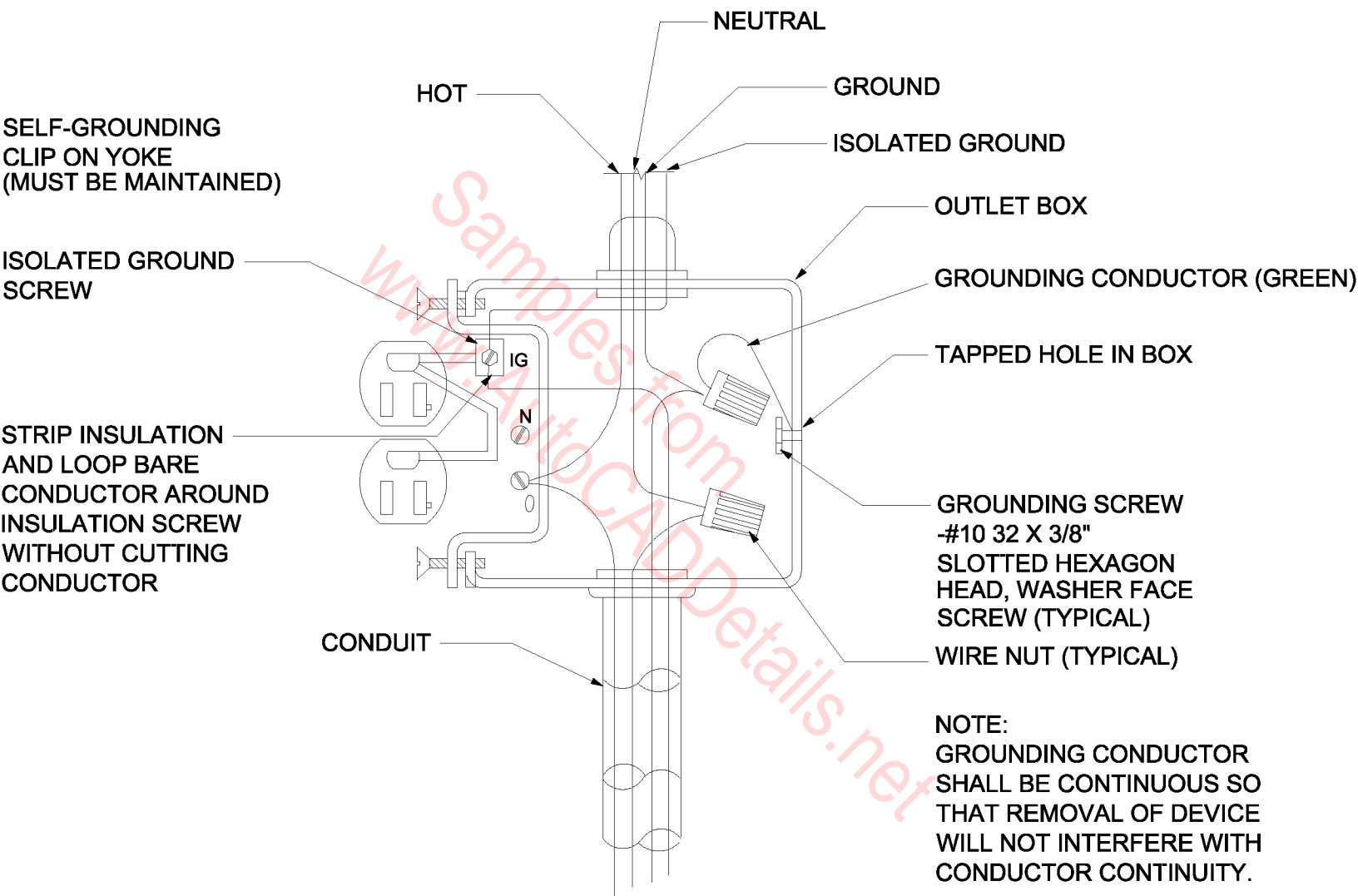
See Shear Wall Schedule
for Shear Wall Type,
Nailing, etc.

4" Conc. Slab over
Min. 4" (3/4") crushed
Rock Base course on
compacted rough ground.

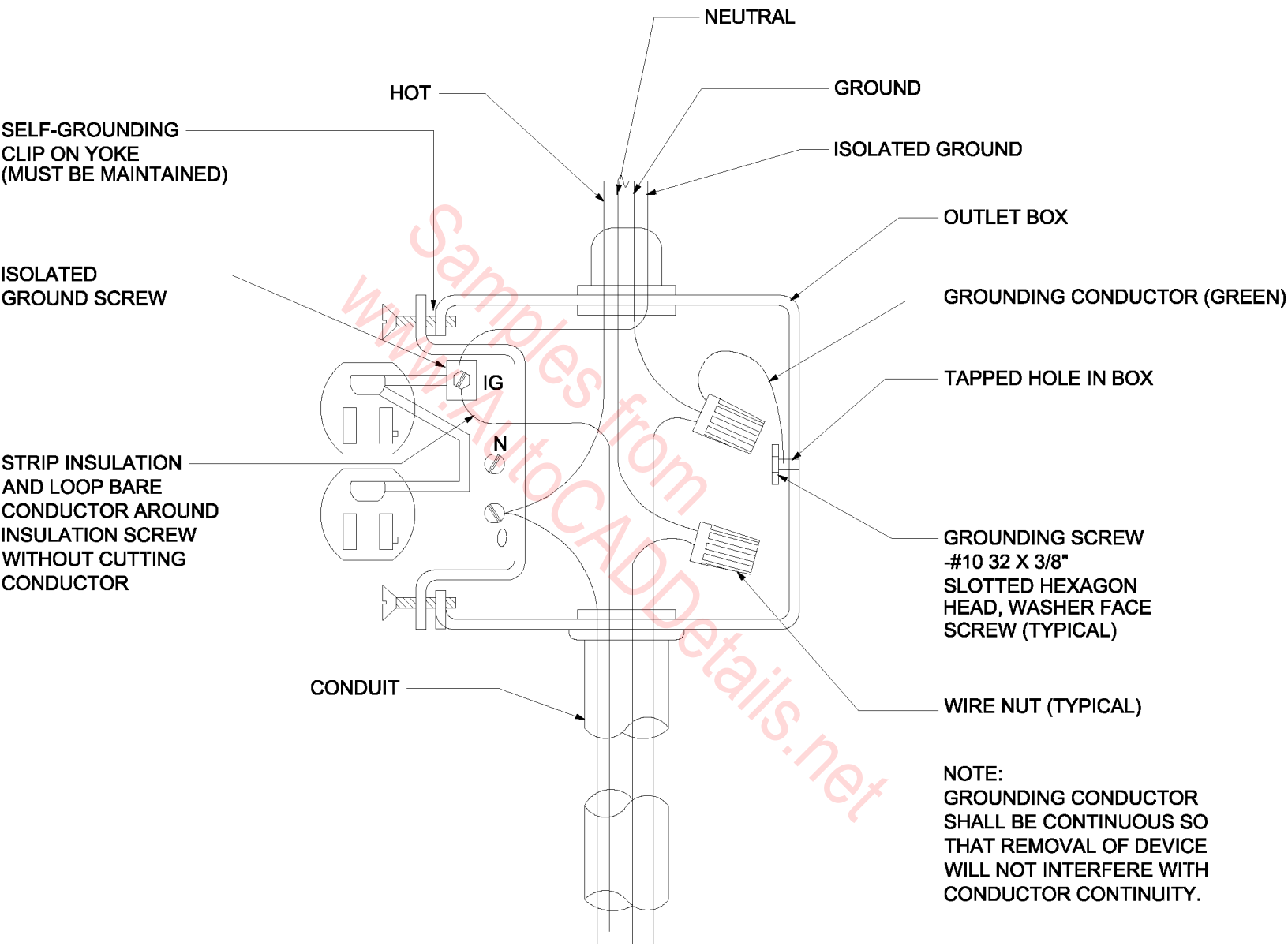
See Shear Wall Schedule
for Anchorage



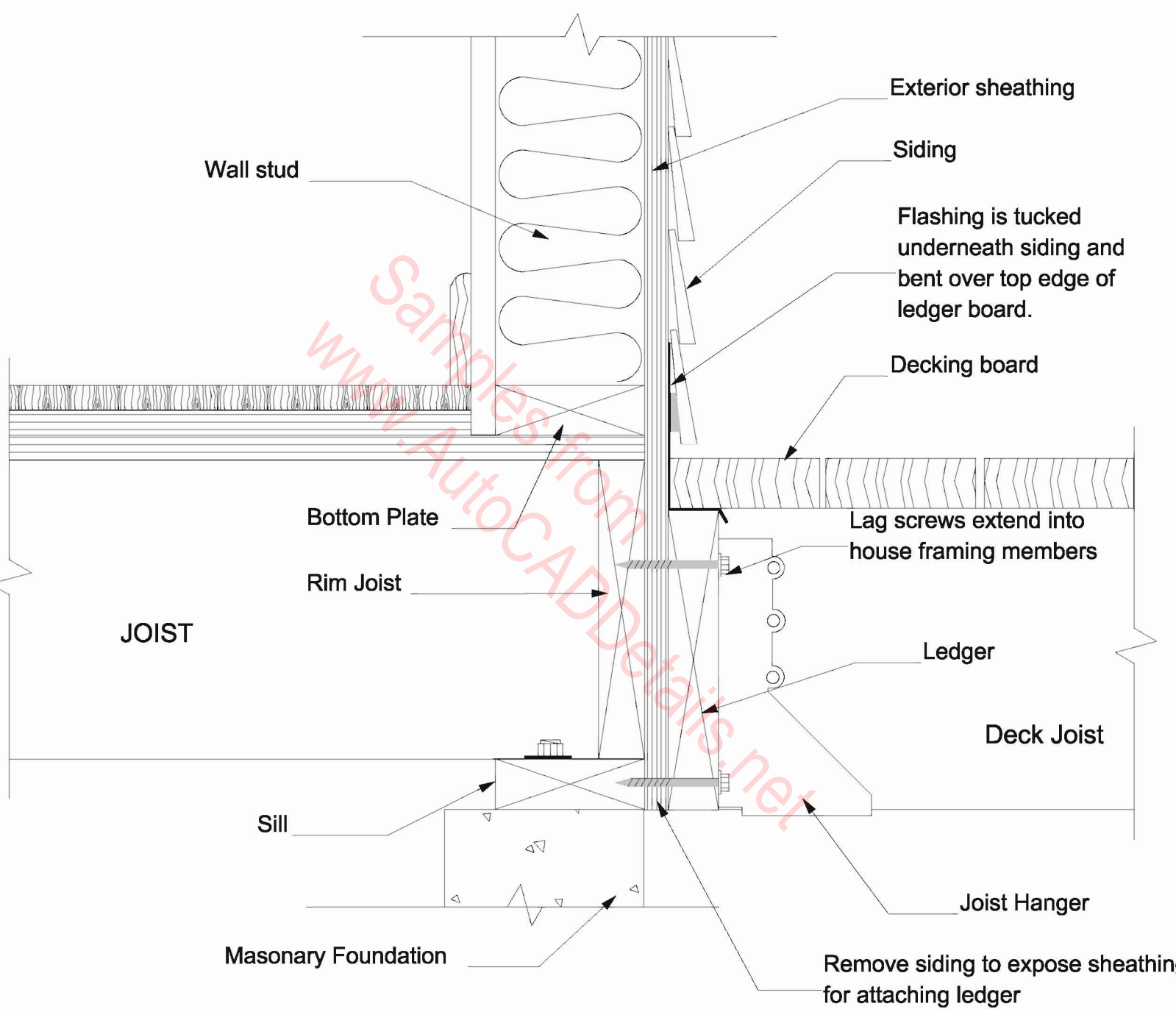
Interior Partition--Shear Wall



ISOLATED GROUND RECEPTACLE INSTALLATION

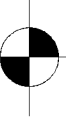


ISOLATED GROUND RECEPTACLE INSTALLATION



LEDGER CONNECTION TO WOOD-FRAMED WALL

Varies--See Ext.
(MAX. +6'-0" A.F.G.)



(1) No. 4 Bar Horiz.
Grouted Solid in 8"
Cont. Bond Beam

(1) No. 4 Bar Vertical
at 48" O.C.--Grout Solid

8" C.M.U. Screen Wall
See Ext Elevations
For Type and Finish

Horiz. Joints Reinf. at
32" O.C.

Existing Grade

Grout all cells below
grade solid

1'6" Min.
Below Undisturbed Soil
or Engineer Certified
compacted soil.

(2) No.4 Bar Horizontal. T&B

4" Hooks--Typical W/
Alternate Bends As shown.

8"

3"

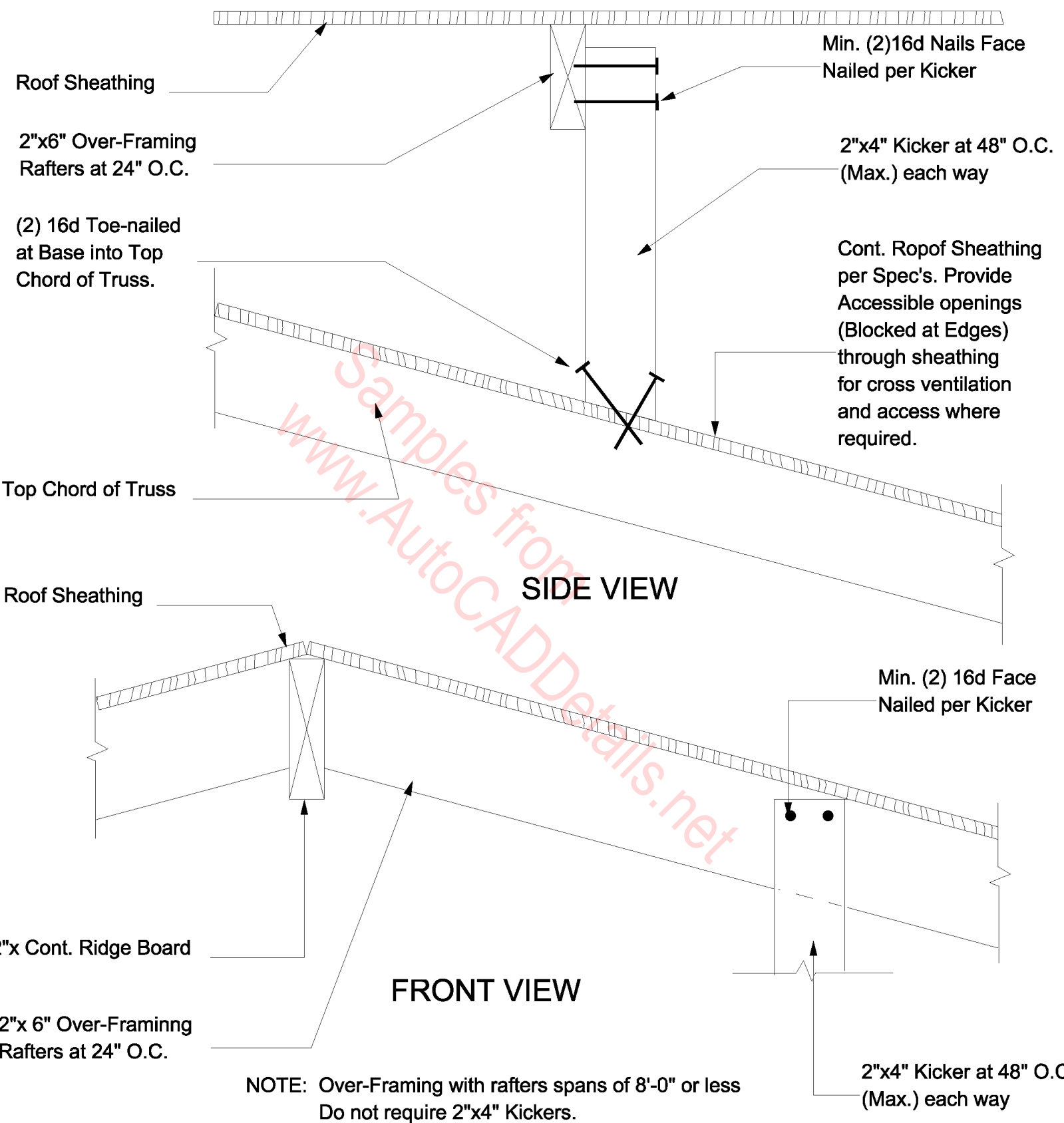
4"

8"

4"

1'4"

Masonry Screen Wall



Over-Framing Detail

Roof Sheathing

2"x10" Valley Plate W/
2"x6" Rafters or 2"x12" V.P.
W/ 2"x8" & Larger Rafters

(3) 16d Toenail Rafter to
Cont. Plate

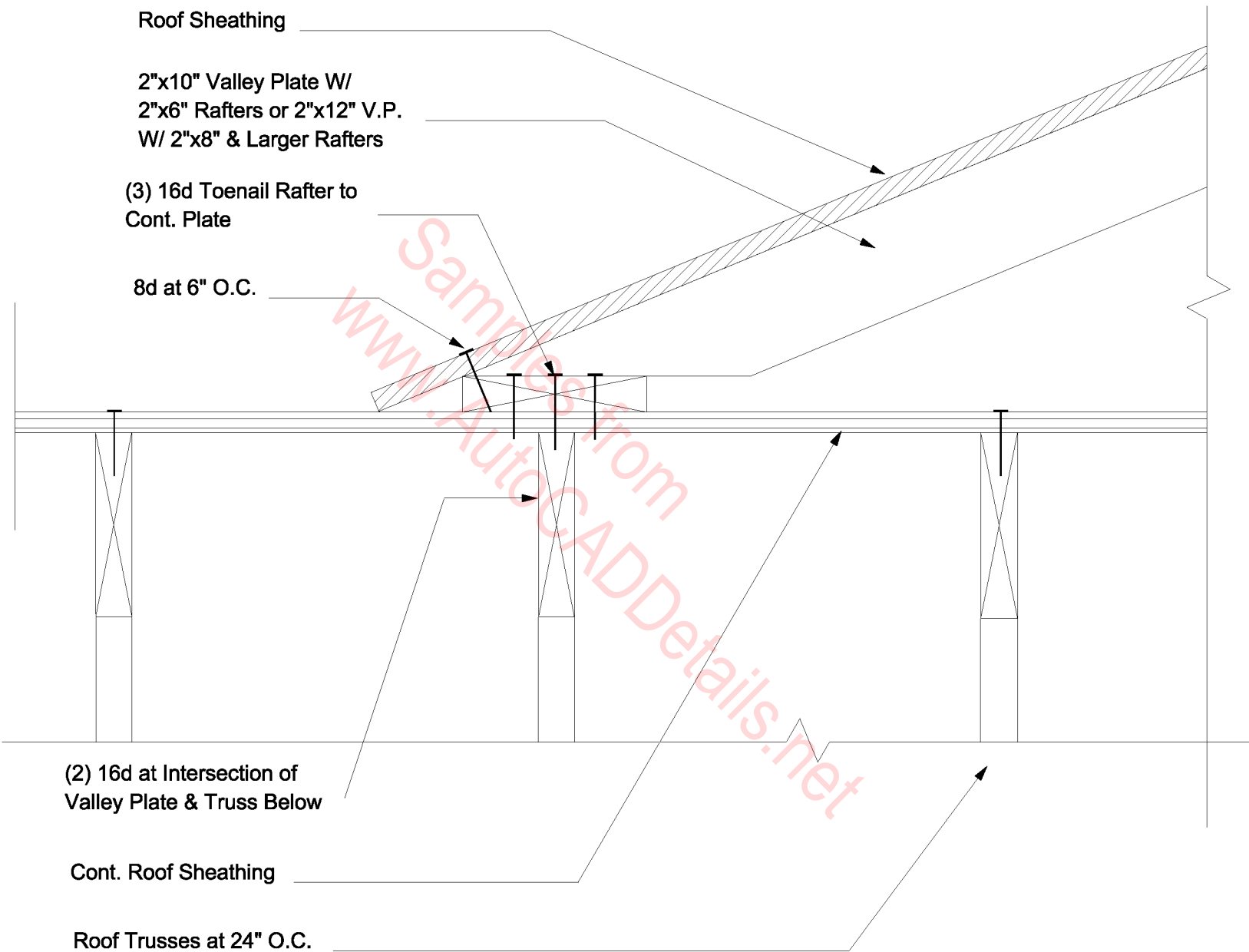
8d at 6" O.C.

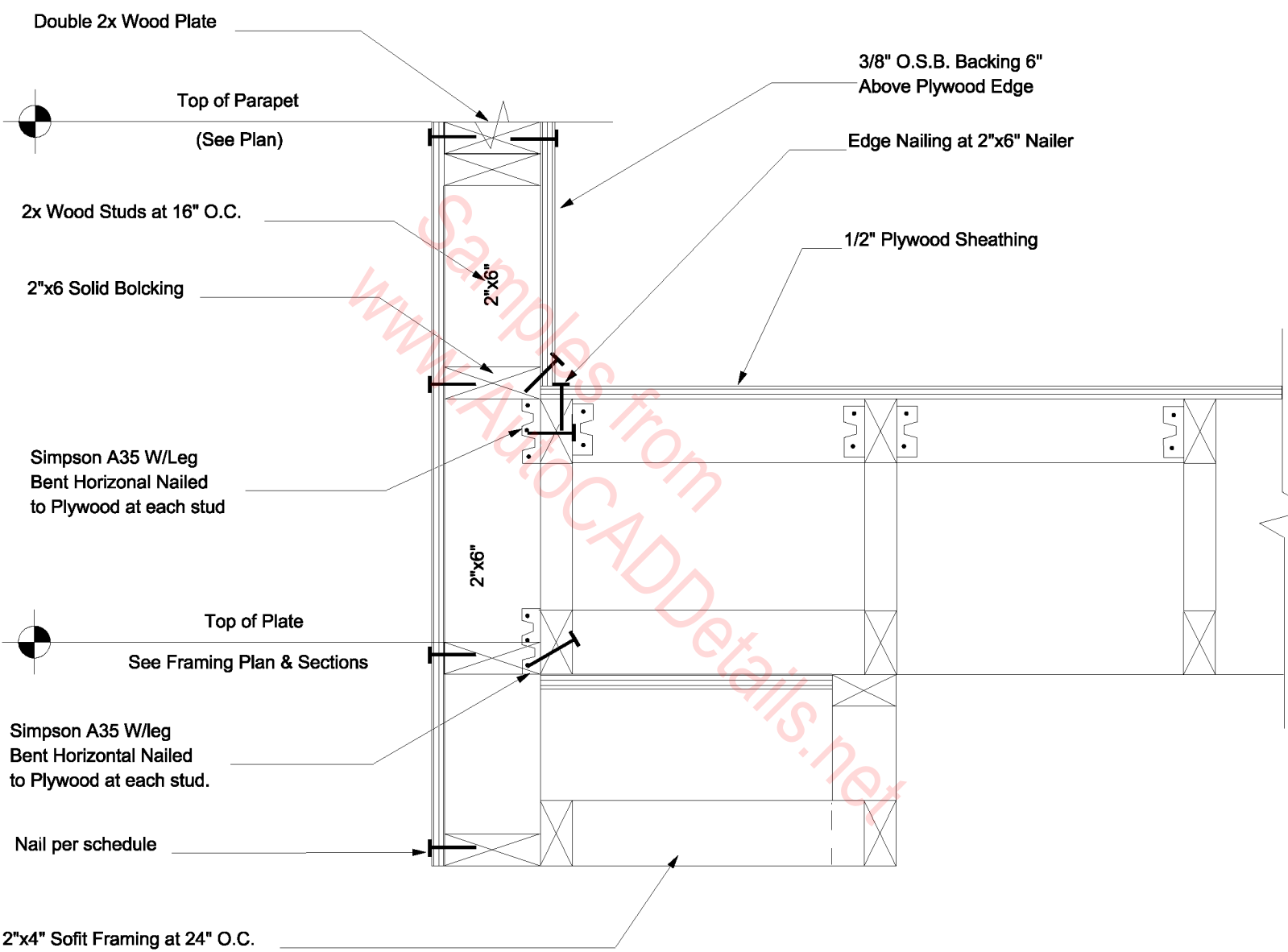
(2) 16d at Intersection of
Valley Plate & Truss Below

Cont. Roof Sheathing

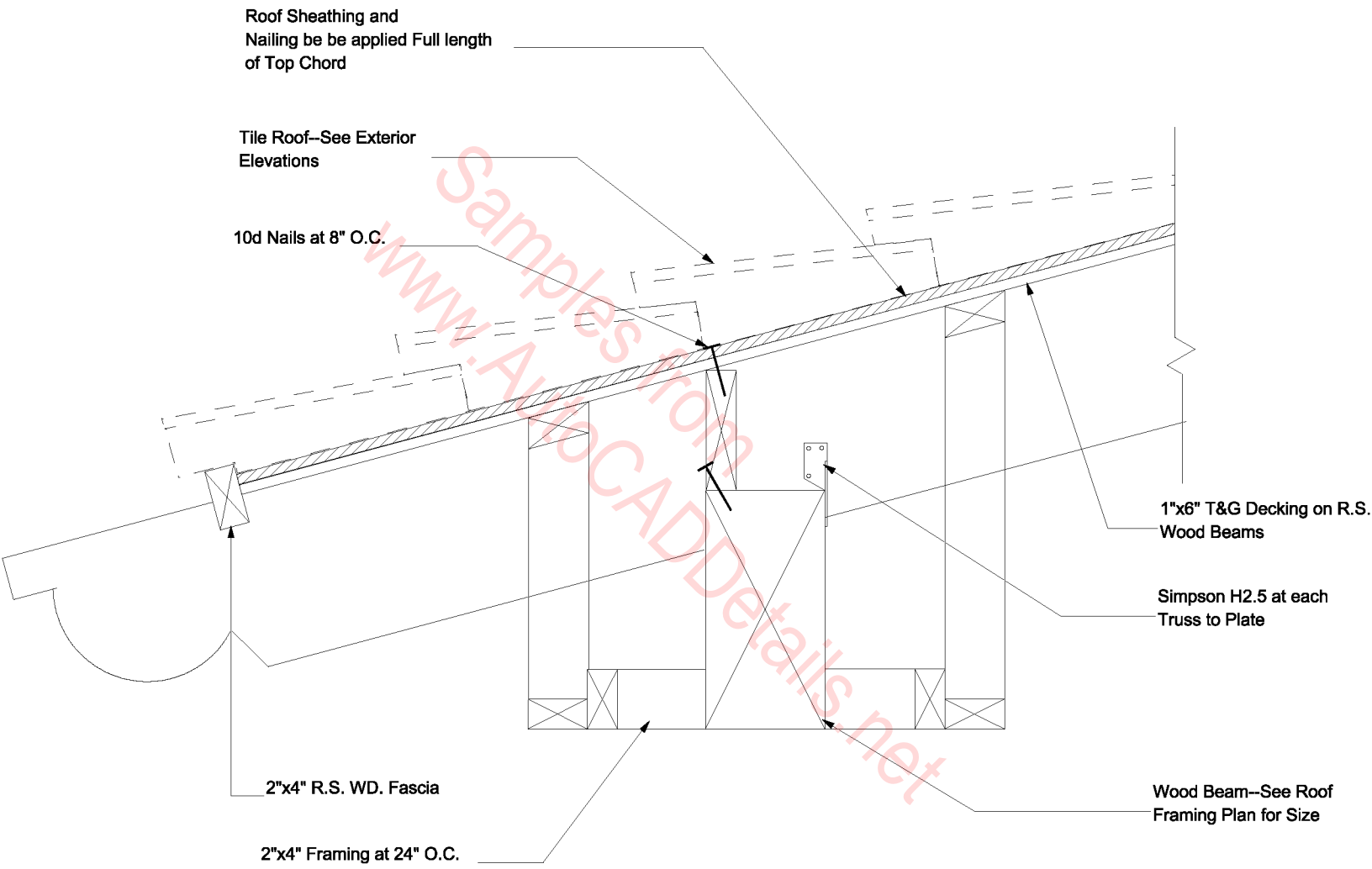
Roof Trusses at 24" O.C.

Overframing / Valley

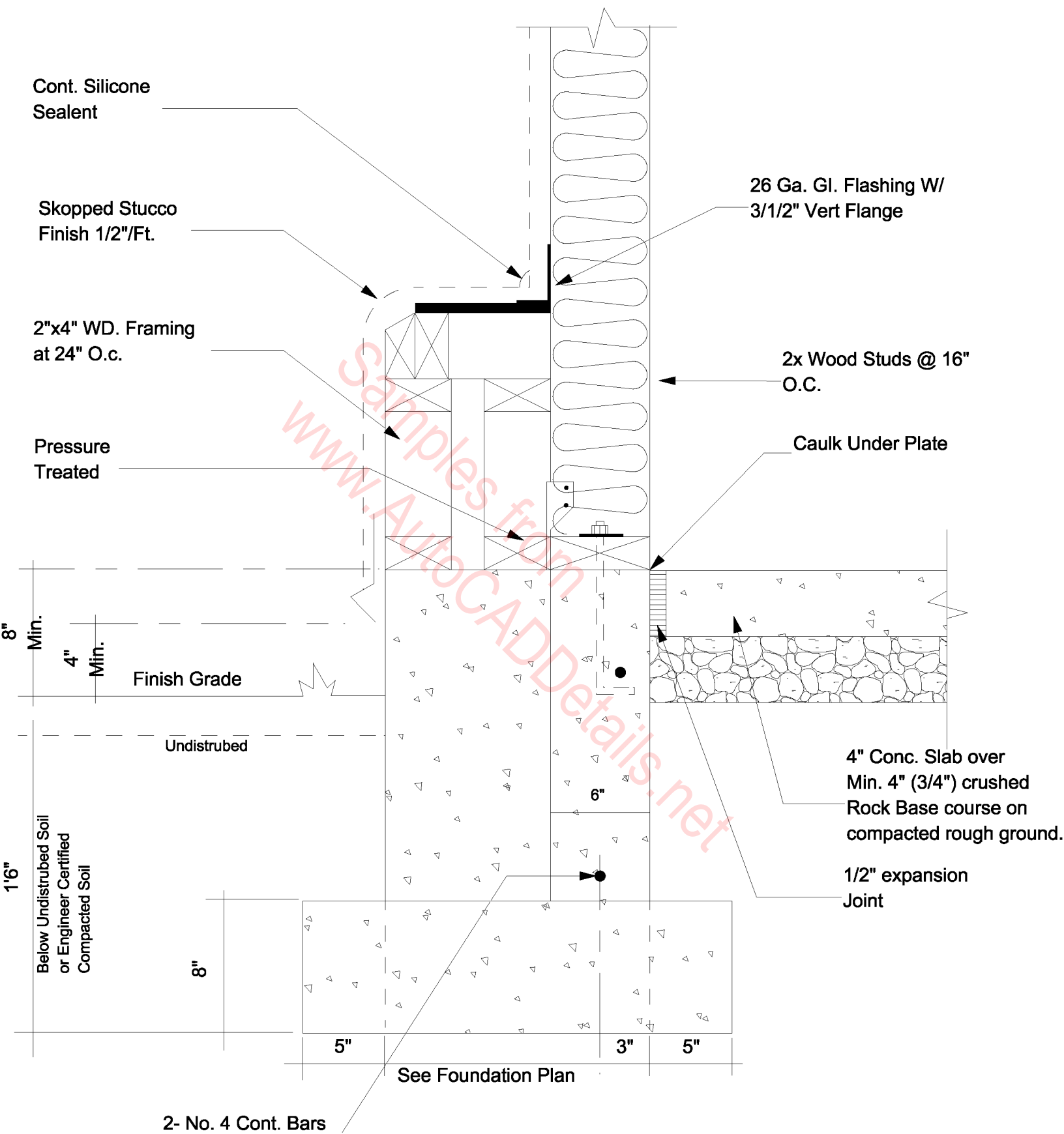




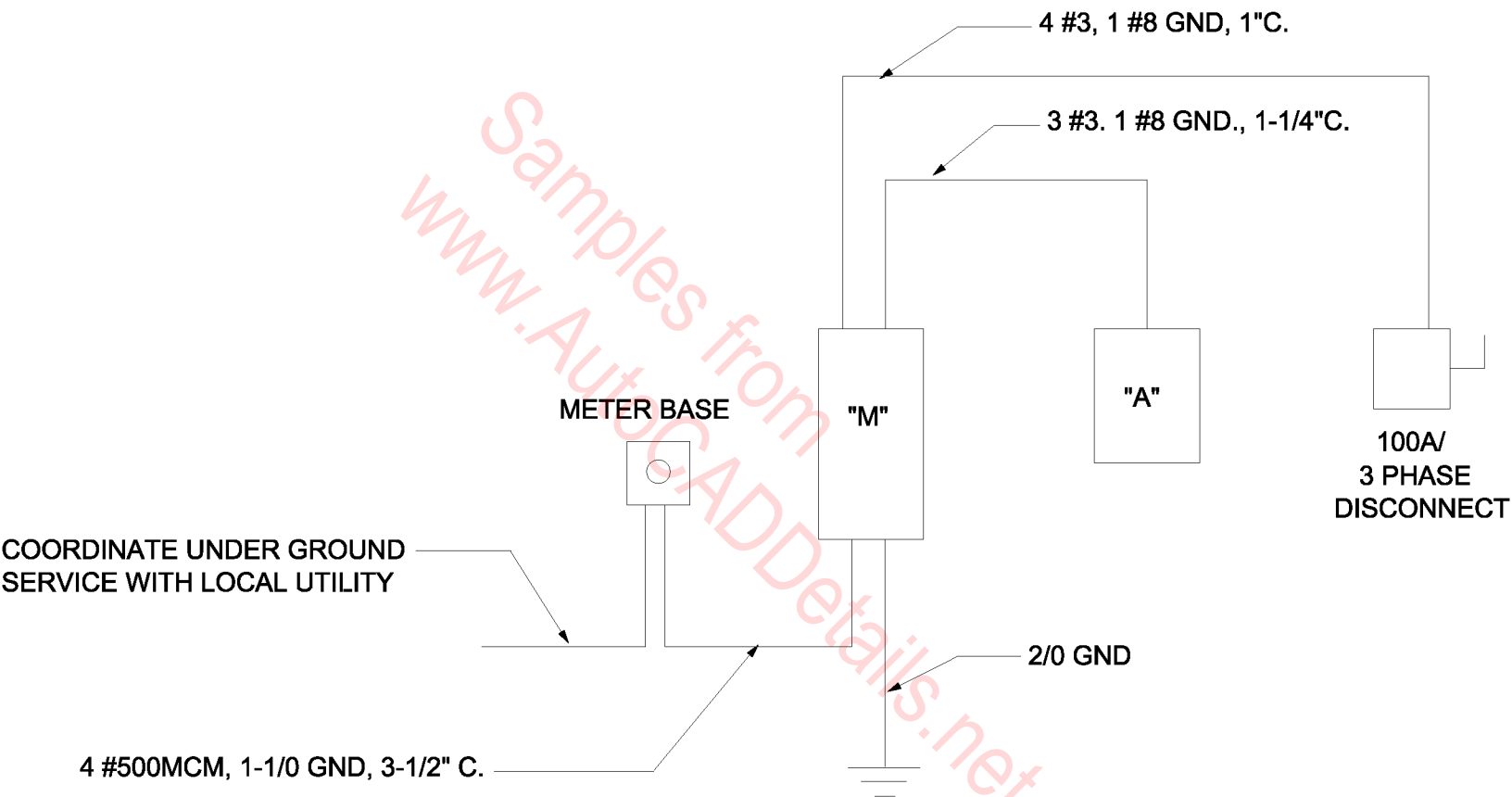
Parallel Trusses at Patio



Patio Beam at Box Soffit



Potshelf Detail



POWER RISER DIAGRAM

VARIES--SEE NOTE ABOVE

Metal Flue Top/
Spark Arrestor

Galv. Metal Top Edge
and Drip Flashing

Top of Chimney shall
be 2'-0" above any
Roof within a 10'-0"
Radius of Flue and
3'-0" above highest
point at chimney
location.

Caulking--Typ. at
Joint

3'-0" Min.

DBL 2"x4" Top Plate

2"x Backing

2"x Blocking Between
Trusses, Typ.

Galv. Metal Fire
stop W/nailling
Flange supplied
By MFG.

Fire Stop/Draft Stop

NOTE:
Fireplace to be
Gas Only

Header--See
Framing Plan

8' Long 2"x4" Brace
at each corner

DBL. 2"X False
Header

Pre-Fab Met. Flue

Pre-Fab Metal
"O" Clearance
Fireplace

2"x Wood Studs at
16" O.C.

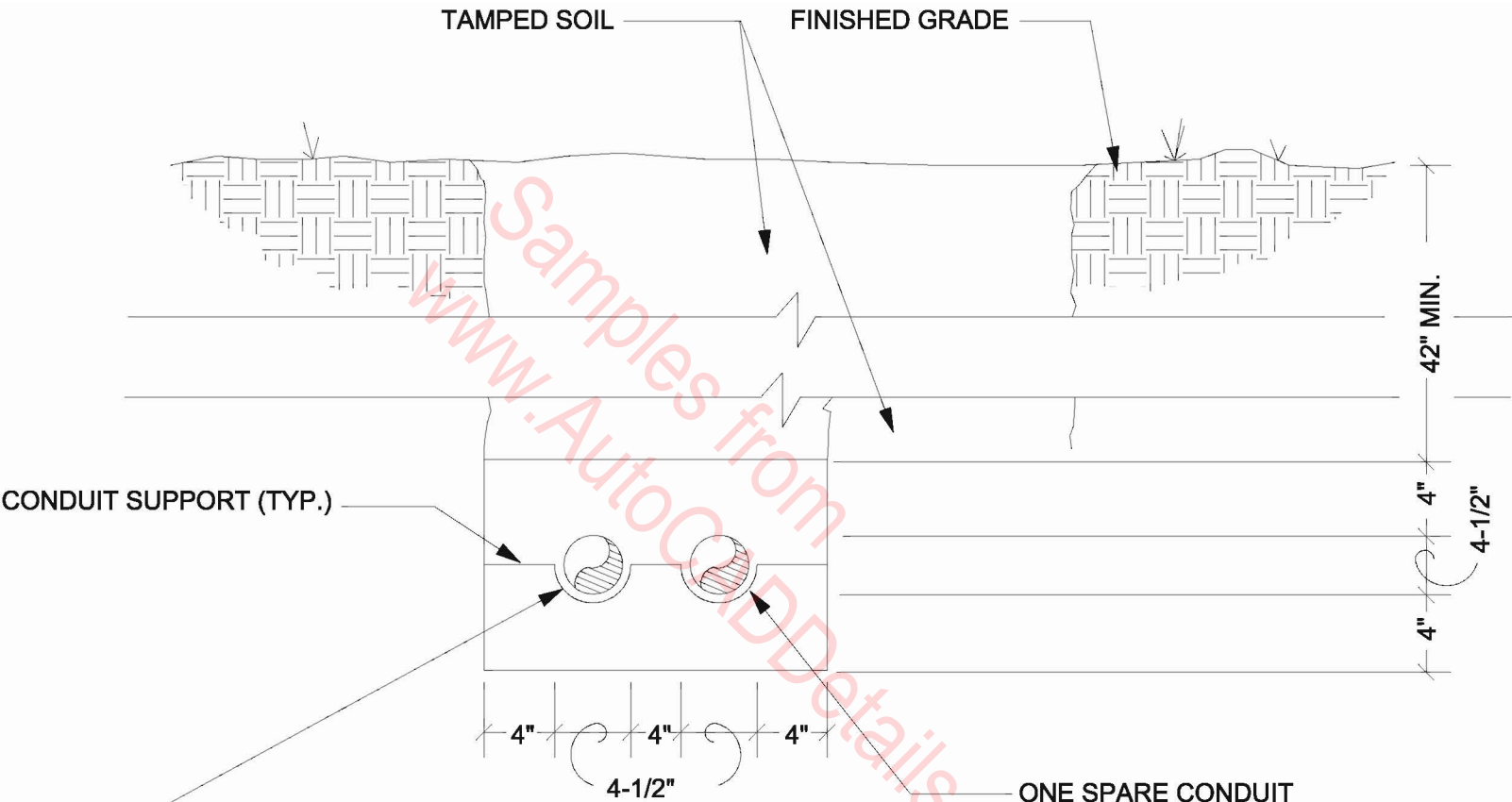
Hearth (Non-
Combustable)

Finish Floor

Concrete Slab

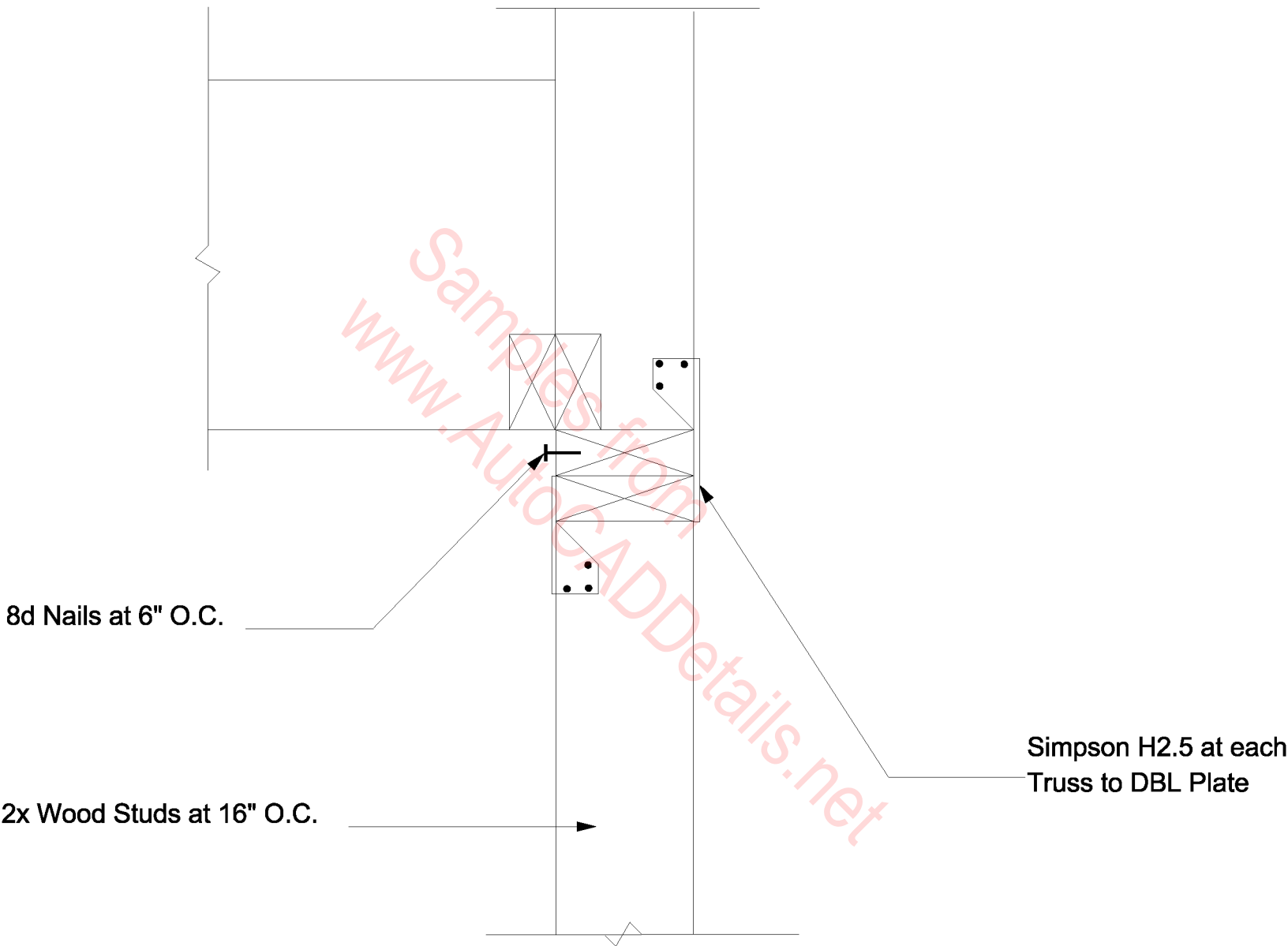
Varies--See Fireplace
Manufacturer's Specs.

Pre-Fab Fireplace

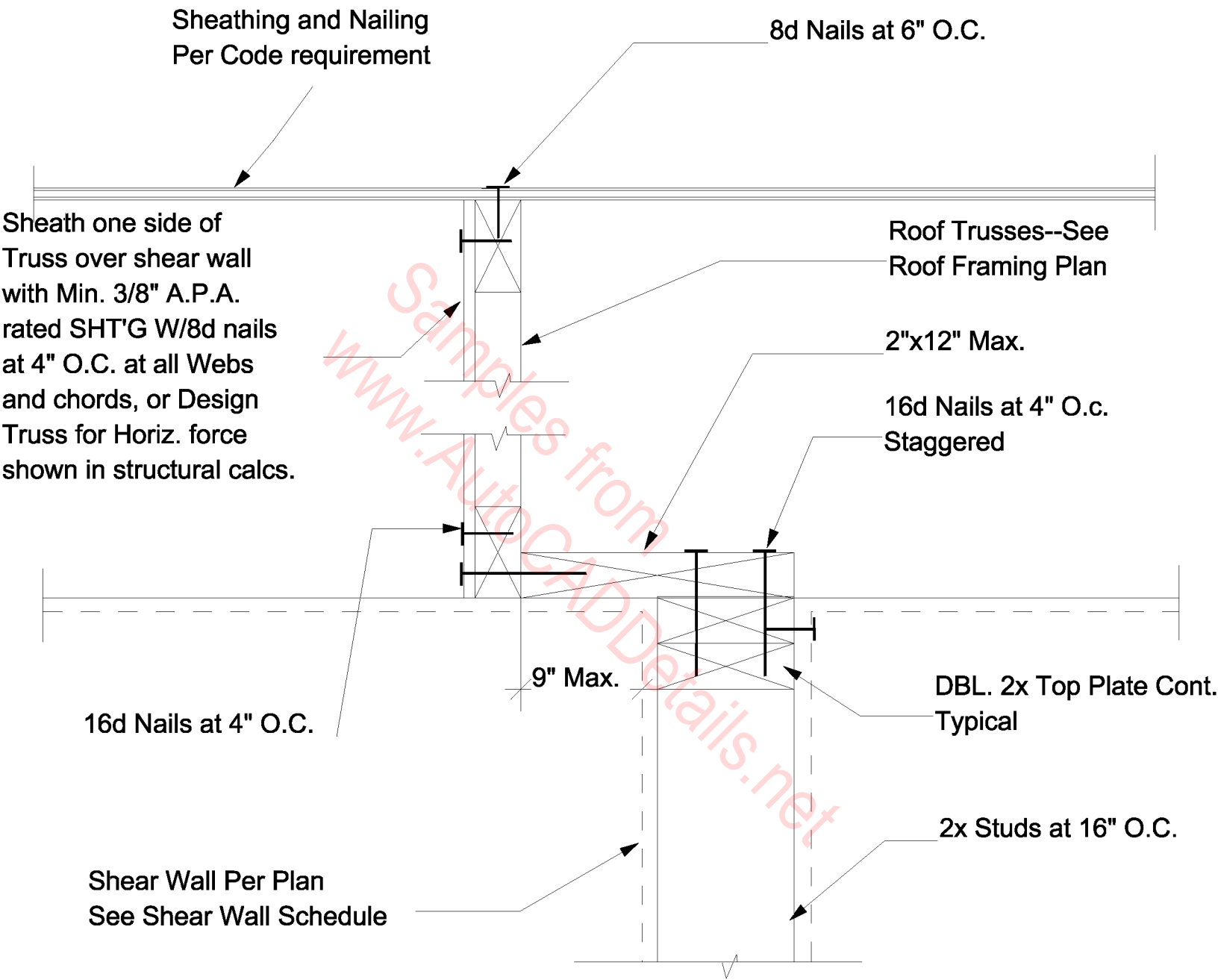


SECONDARY SERVICE CONDUIT TO SERVICE ENTRANCE IN MAIN ELECTRICAL ROOM. SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SEE POWER DISTRIBUTION DIAGRAM FOR SIZE.

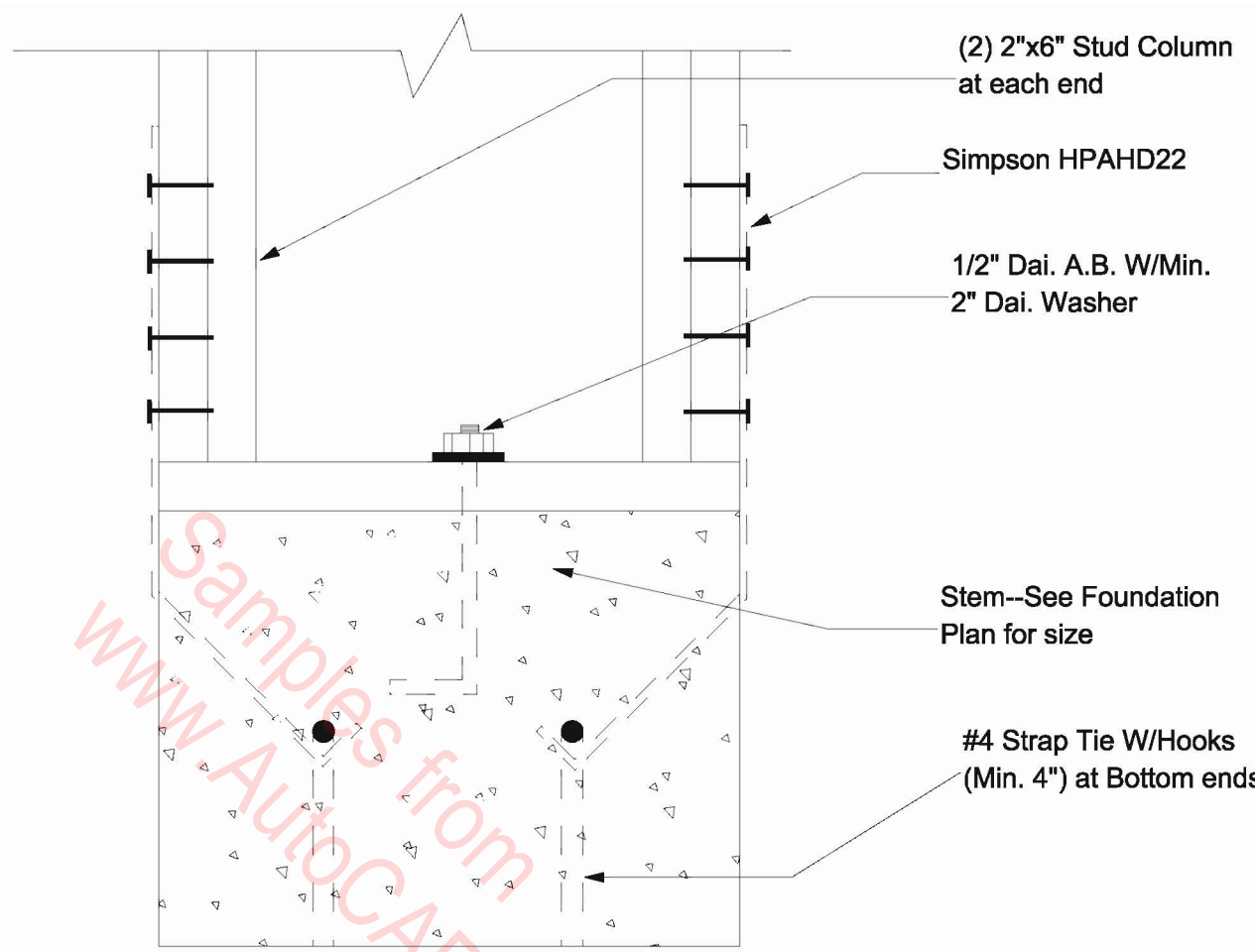
SECONDARY ELECTRICAL SERVICE CONDUITS SECTION



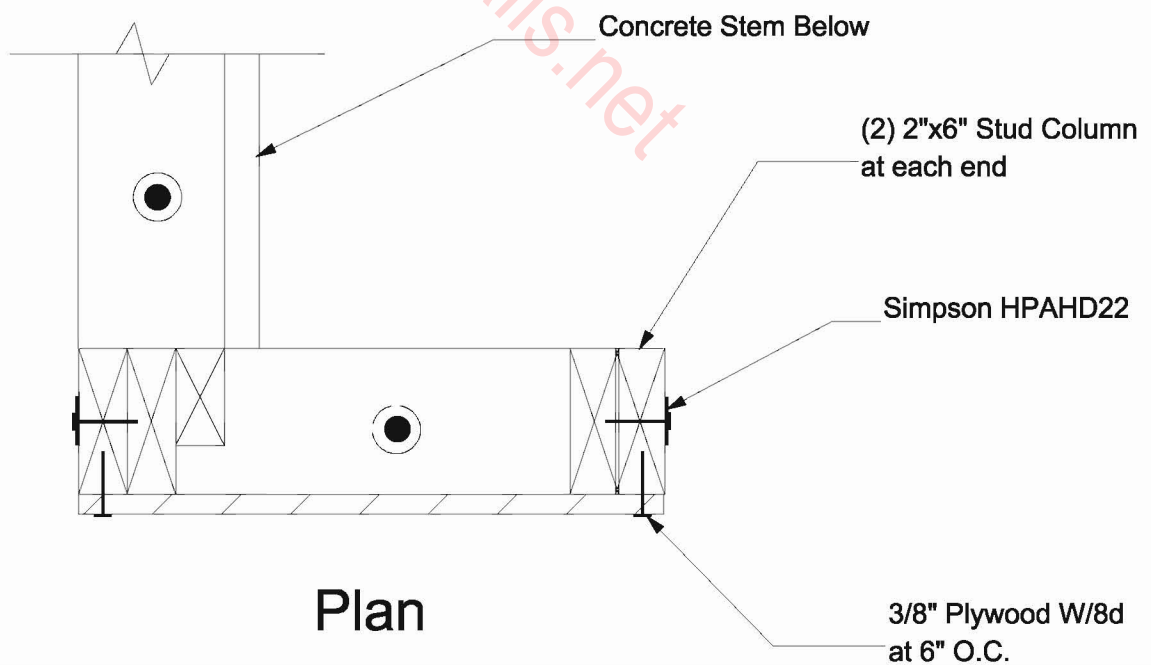
Shear Panel Between Trusses



Shear Transfer



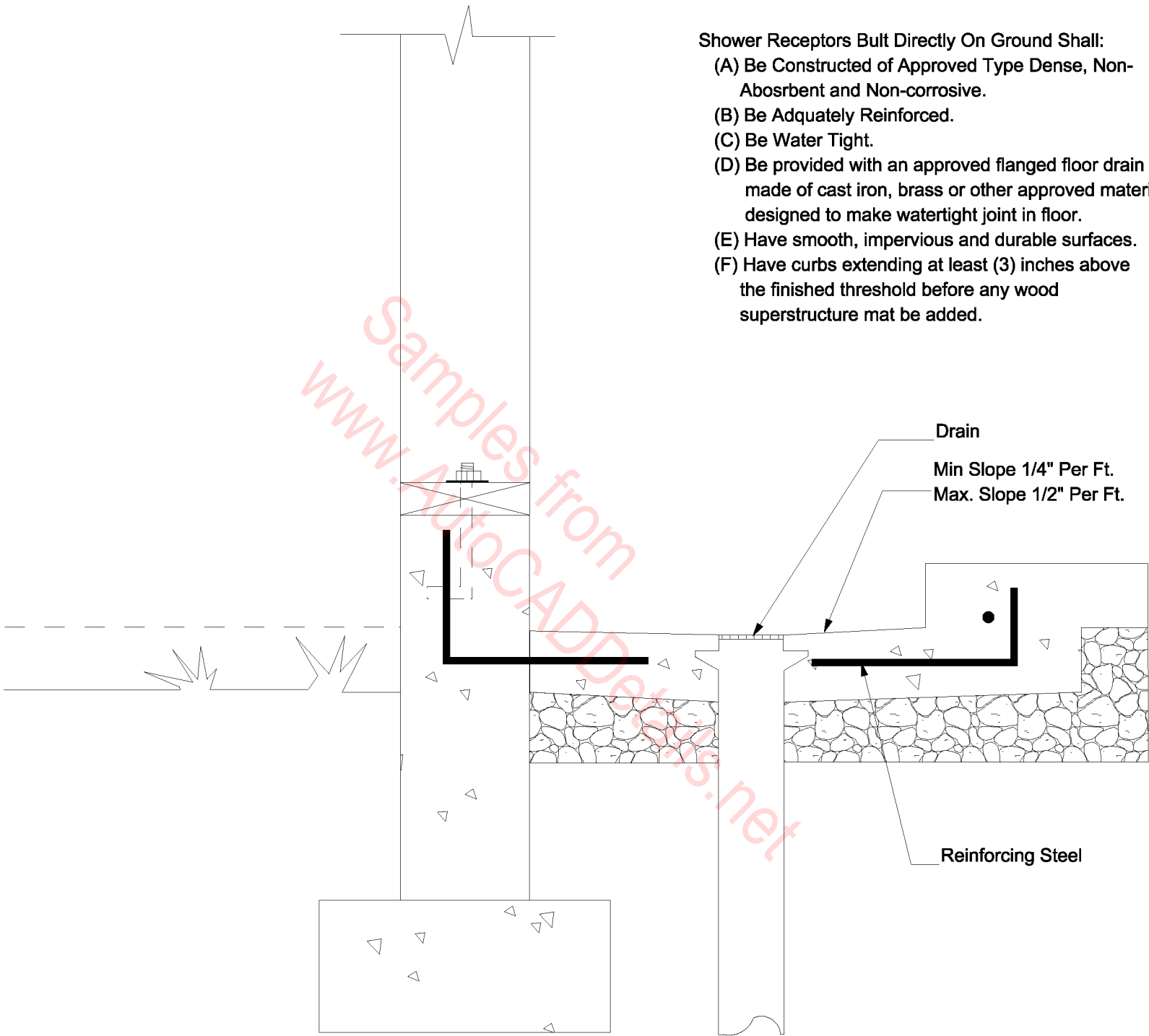
Section



Plan

Shower Receptors Bult Directly On Ground Shall:

- (A) Be Constructed of Approved Type Dense, Non-Absorbent and Non-corrosive.
- (B) Be Adequately Reinforced.
- (C) Be Water Tight.
- (D) Be provided with an approved flanged floor drain made of cast iron, brass or other approved material designed to make watertight joint in floor.
- (E) Have smooth, impervious and durable surfaces.
- (F) Have curbs extending at least (3) inches above the finished threshold before any wood superstructure mat be added.



Stem at Stower

Plywood Roof W/
8d at 6" O.C.

3/8" Wood Panel W/2"x4"
(Flat) Frame W/8d at
6" O.C. Typ. Every other
opening.

OPEN

OPEN

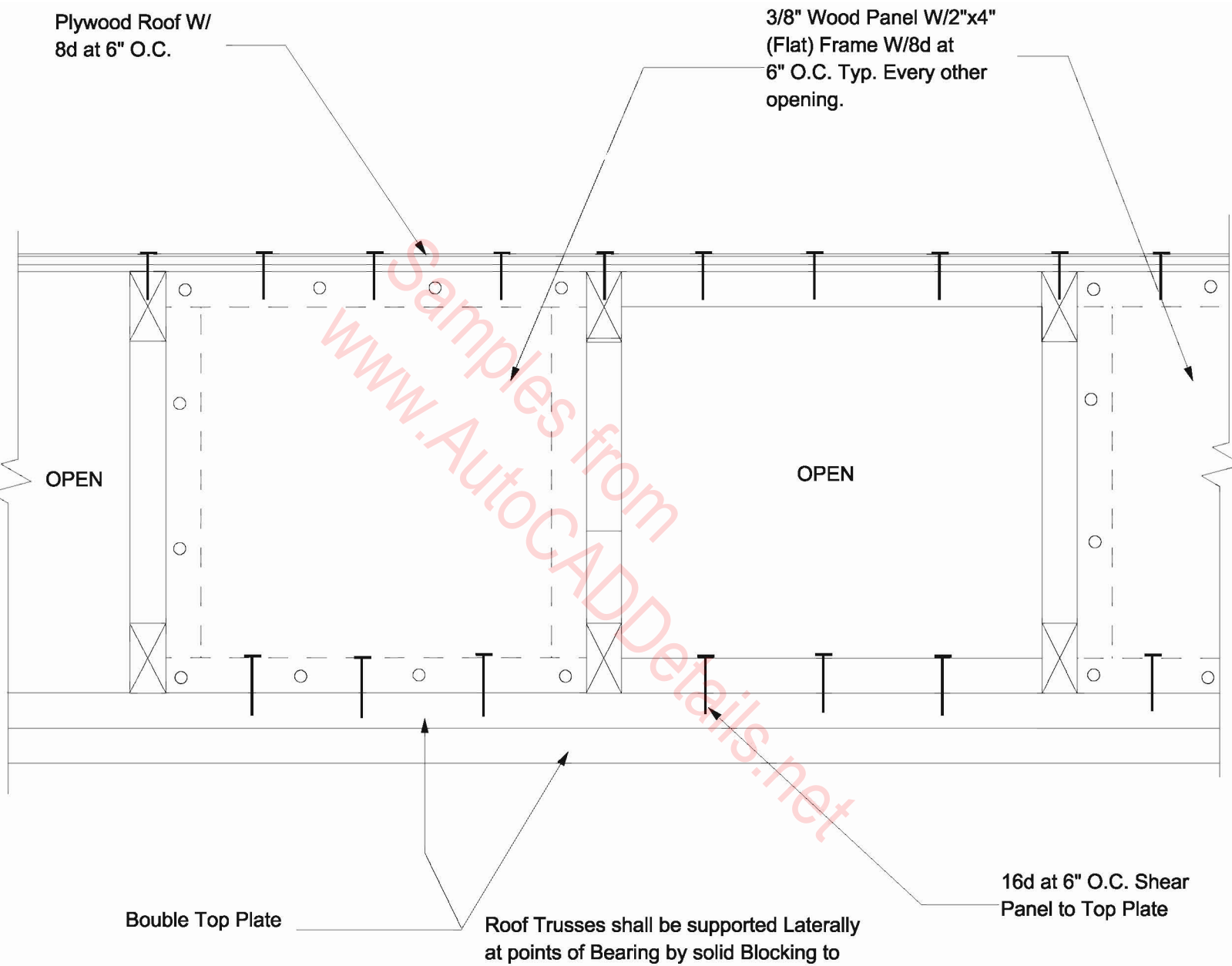
Double Top Plate

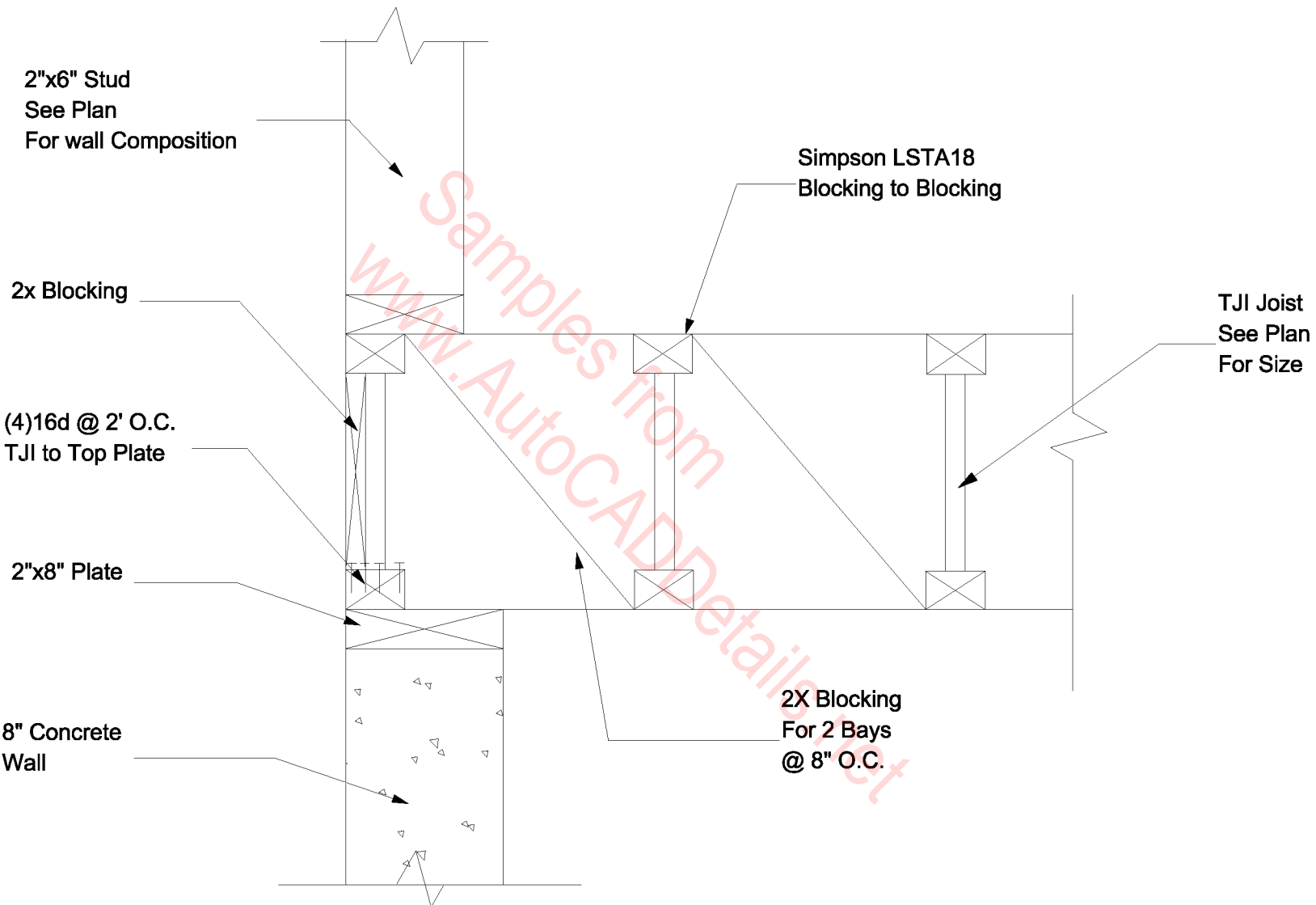
Roof Trusses shall be supported Laterally
at points of Bearing by solid Blocking to

16d at 6" O.C. Shear
Panel to Top Plate

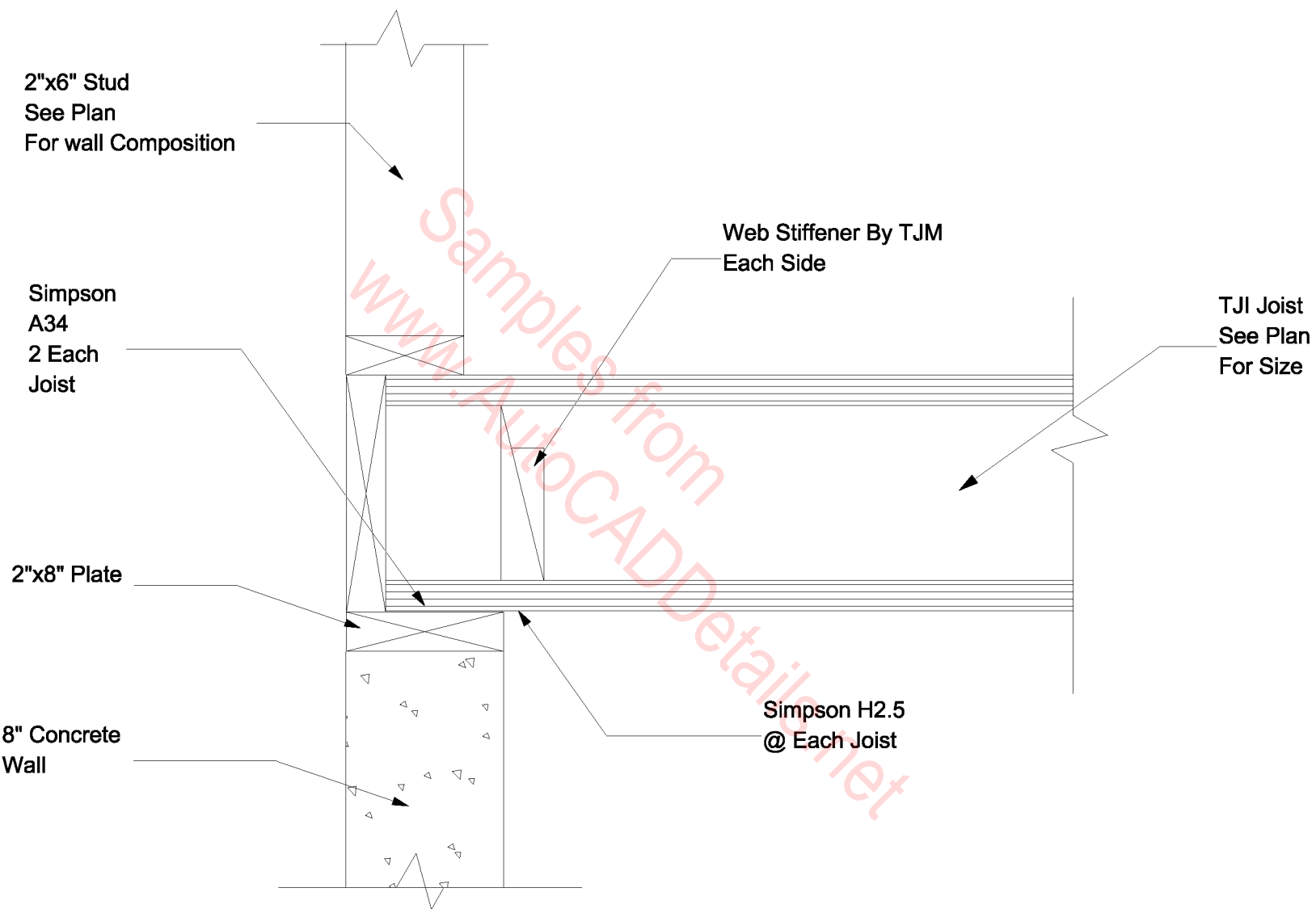
STUBBED TRUSS DETAIL

Samples from
www.AutoCADDetails.net

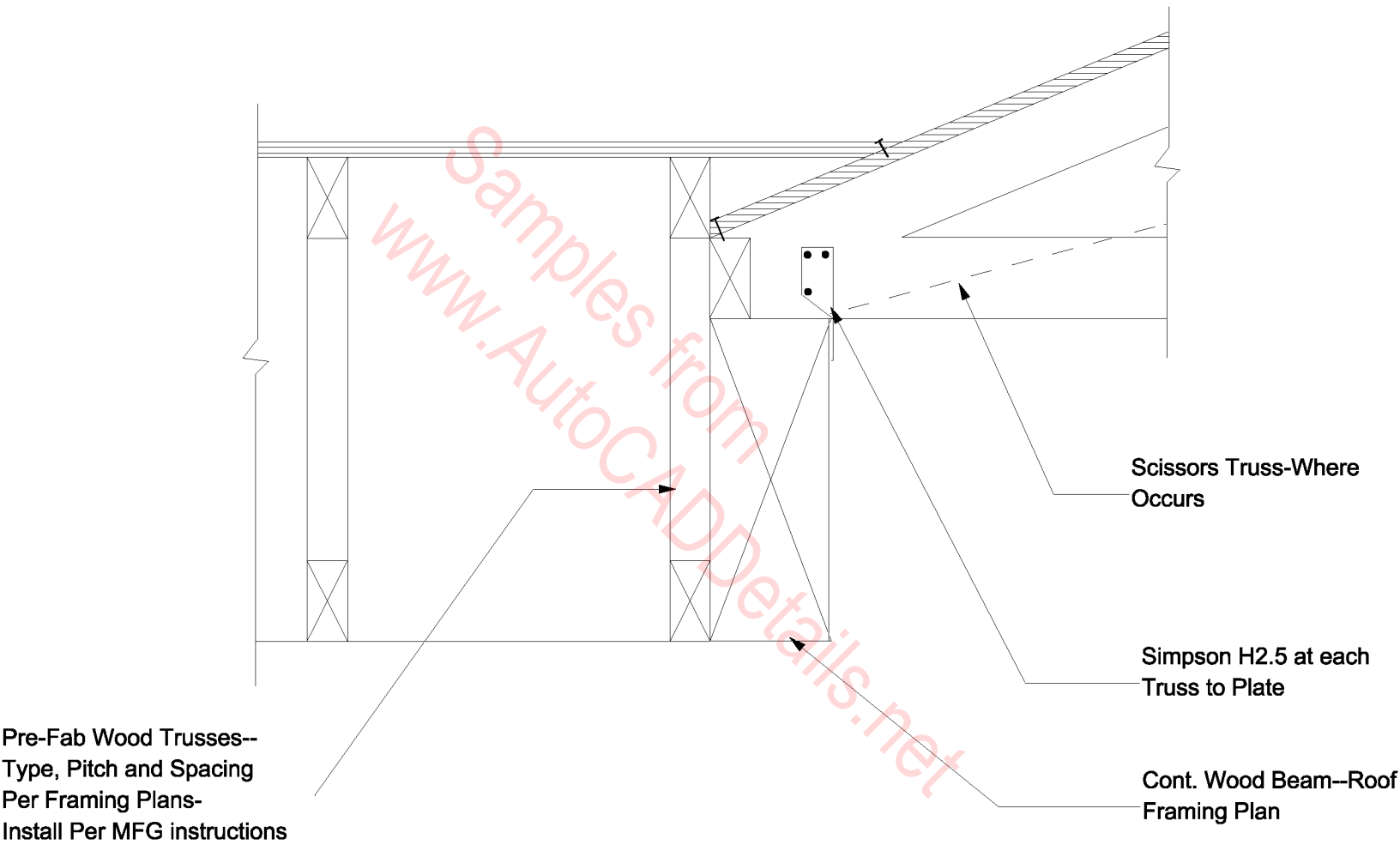




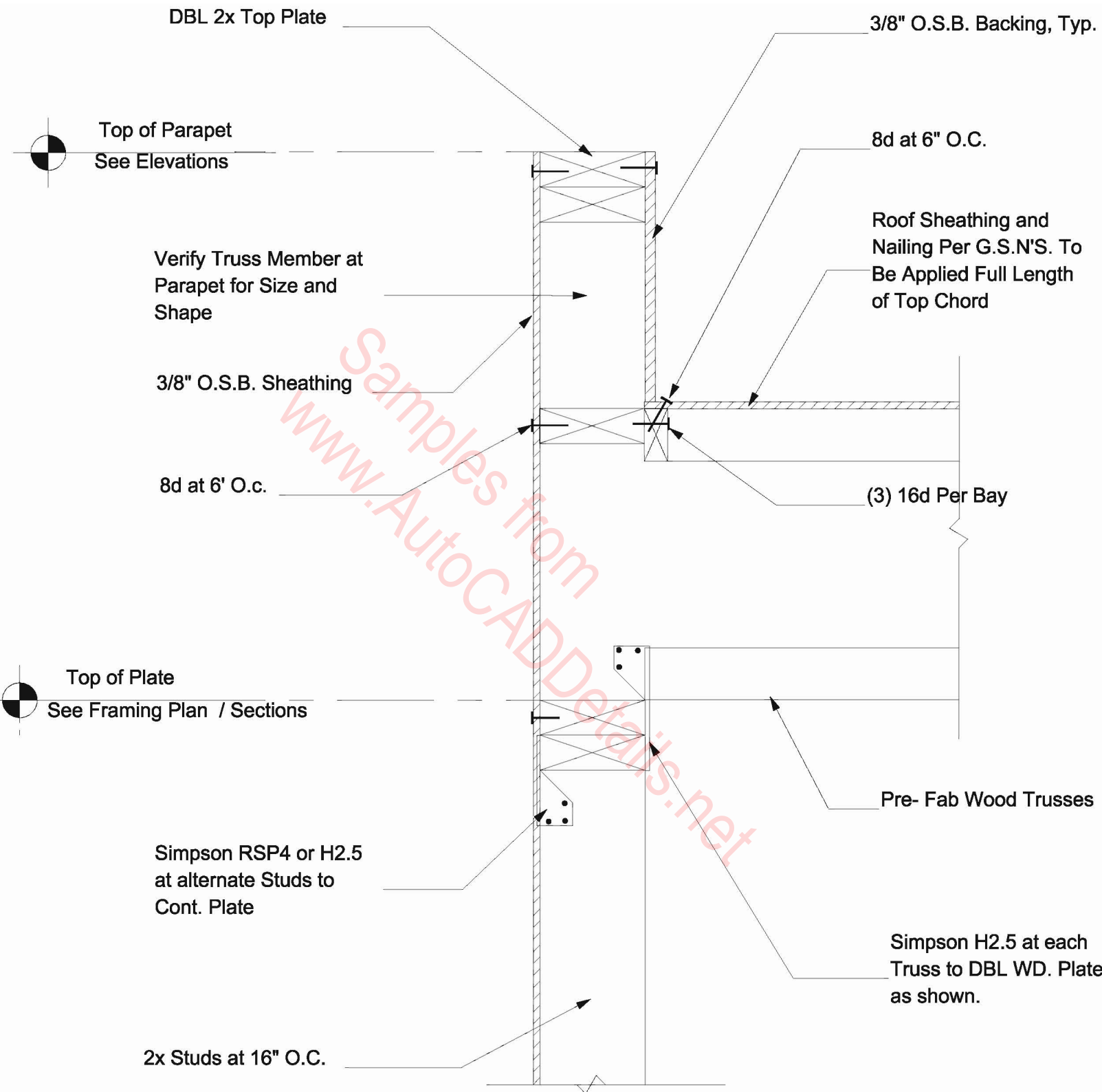
TJI Joist Parallel



TJI Joist Perpendicular

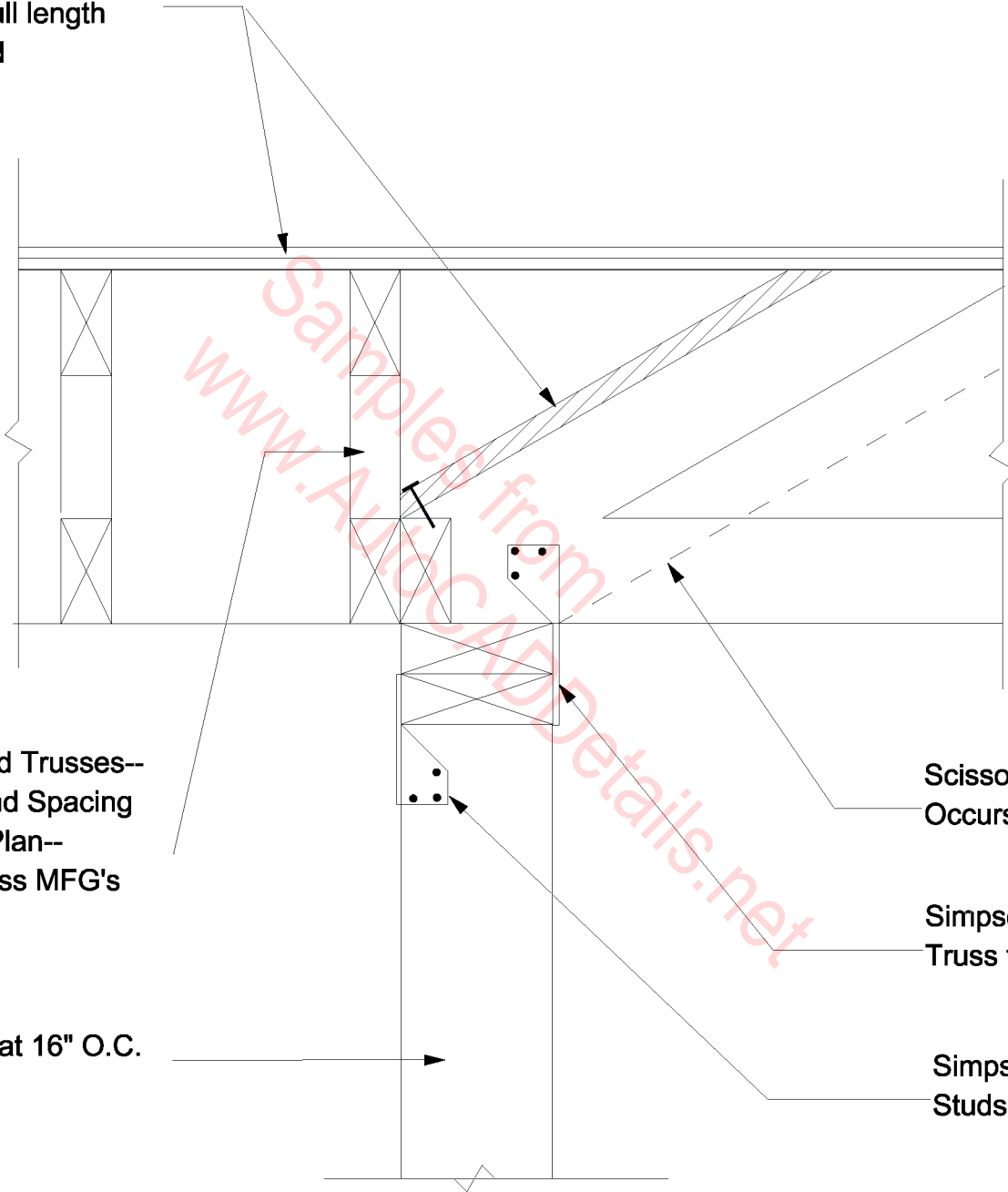


Truss at Cont. Wood Beam



Truss at Exterior Wall

Roof Sheathing and Nailing Per G.S.N's. To Be applied full length of Top Chord



Pre-FAB Wood Trusses-- Type, Pitch and Spacing Per Framing Plan-- Install Per Truss MFG's Instructions.

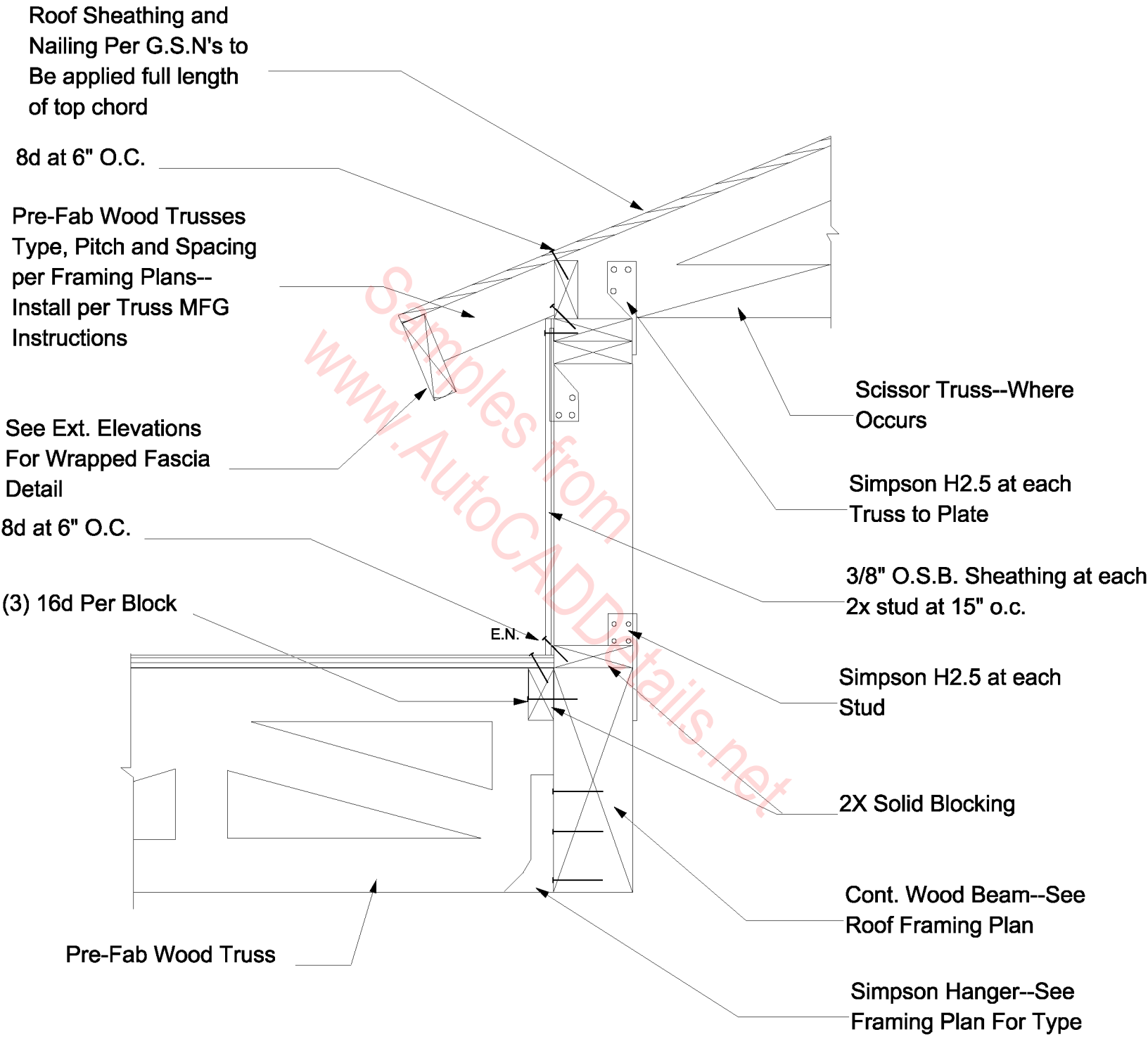
2x Wood Studs at 16" O.C.

Scissor Truss--Where Occurs

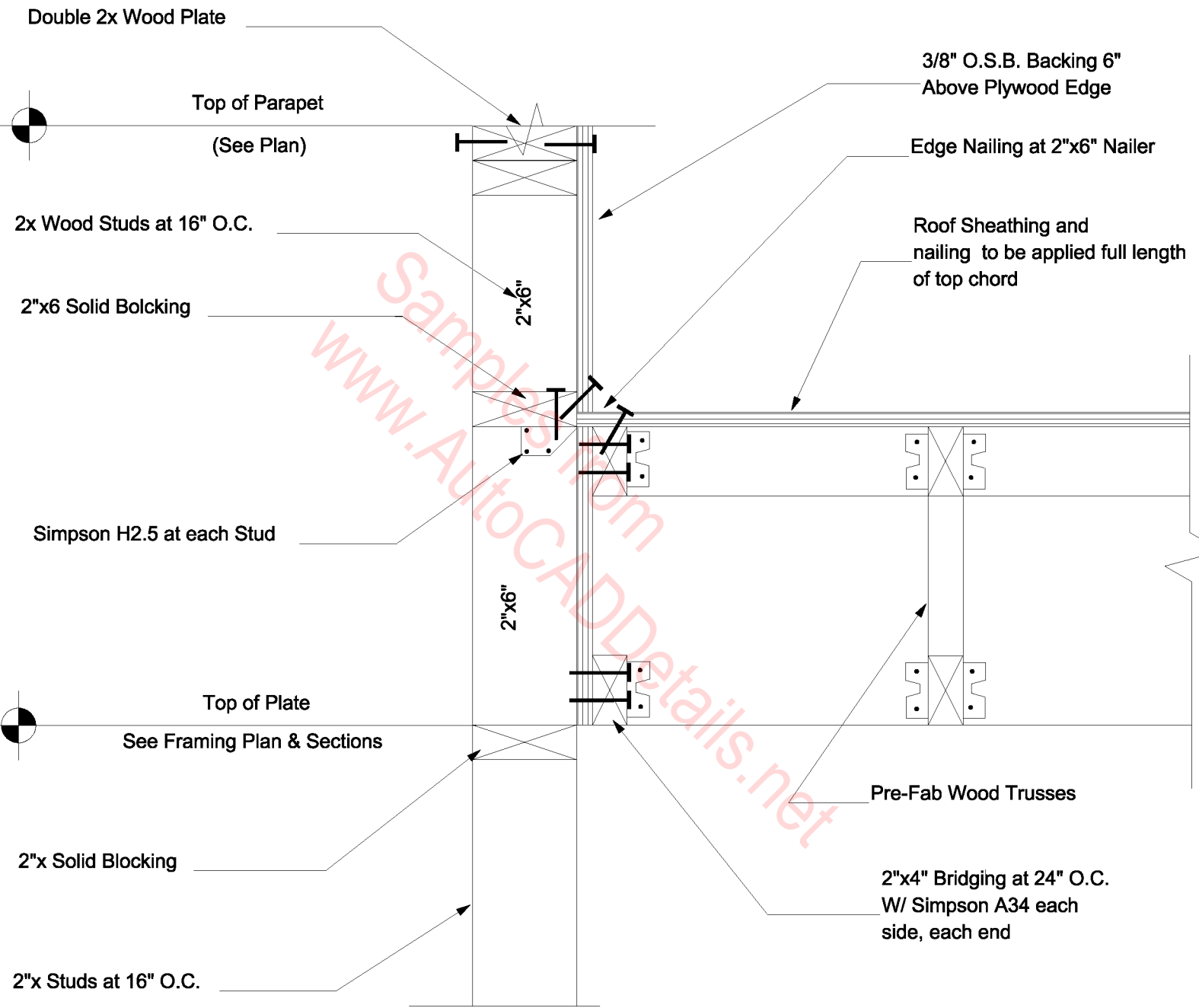
Simpson H2.5 at each Truss to Plate

Simpson H2.5 at Alternate Studs, Typ.

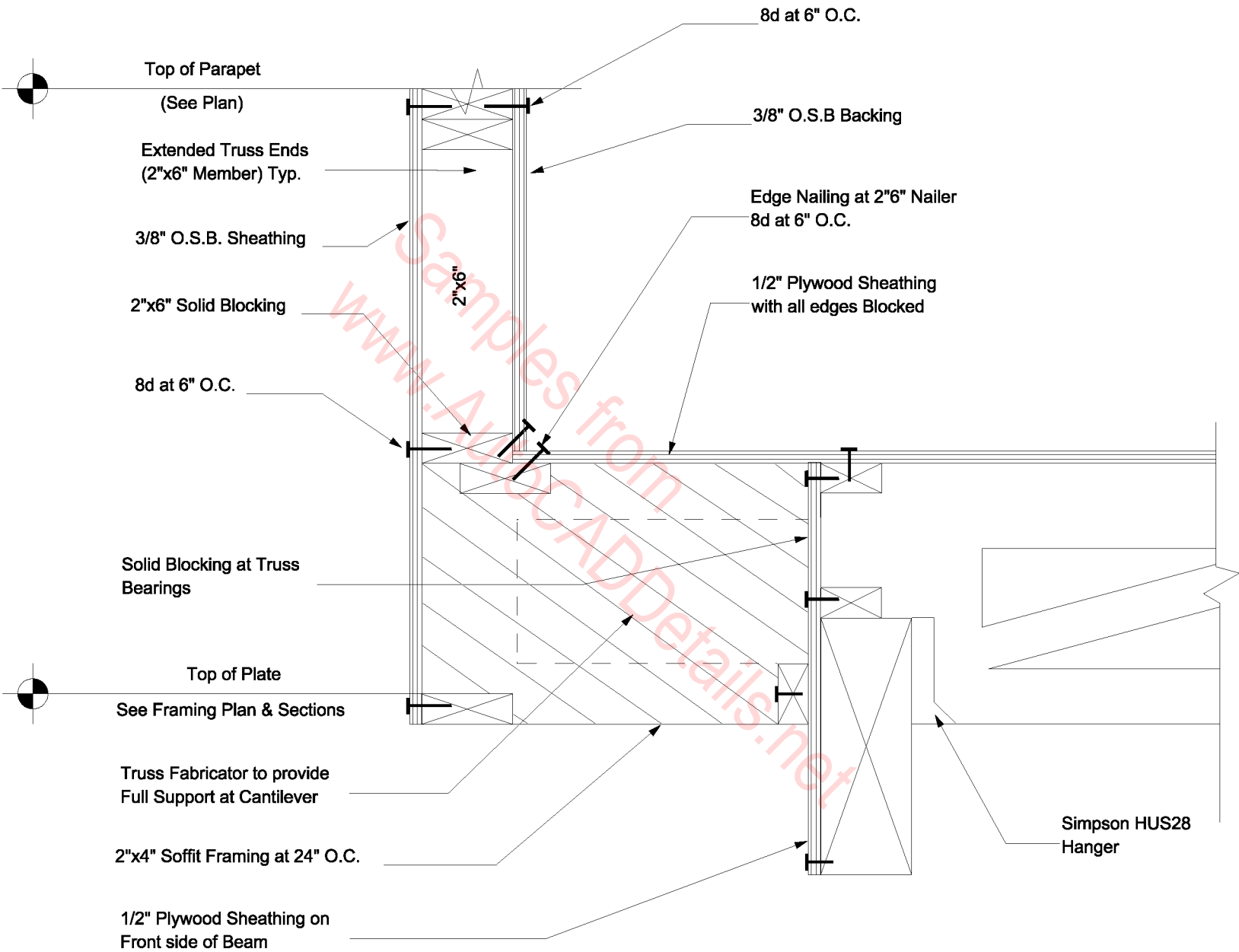
Truss at Interior Wall



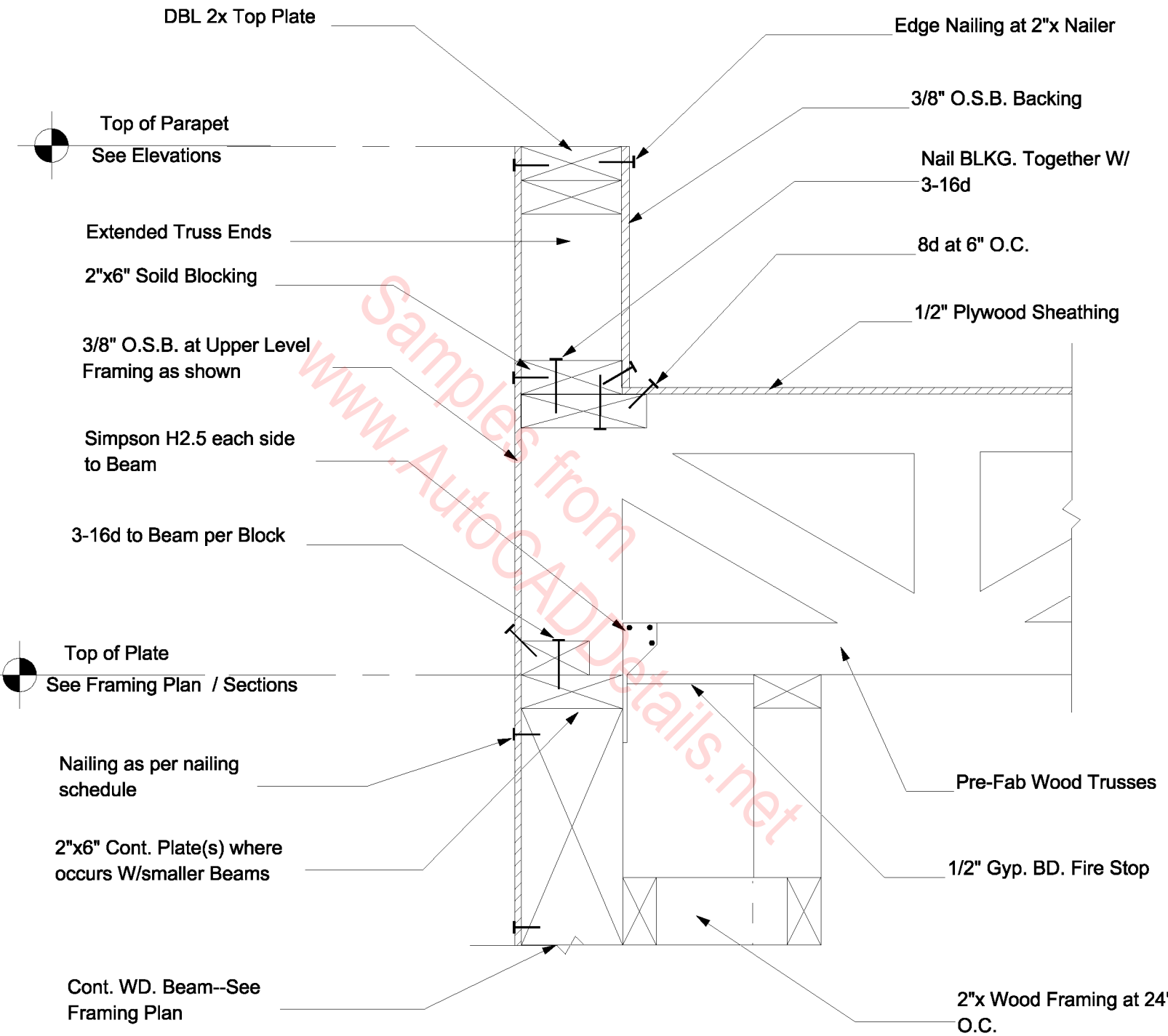
TRUSS BEARING at BEAM



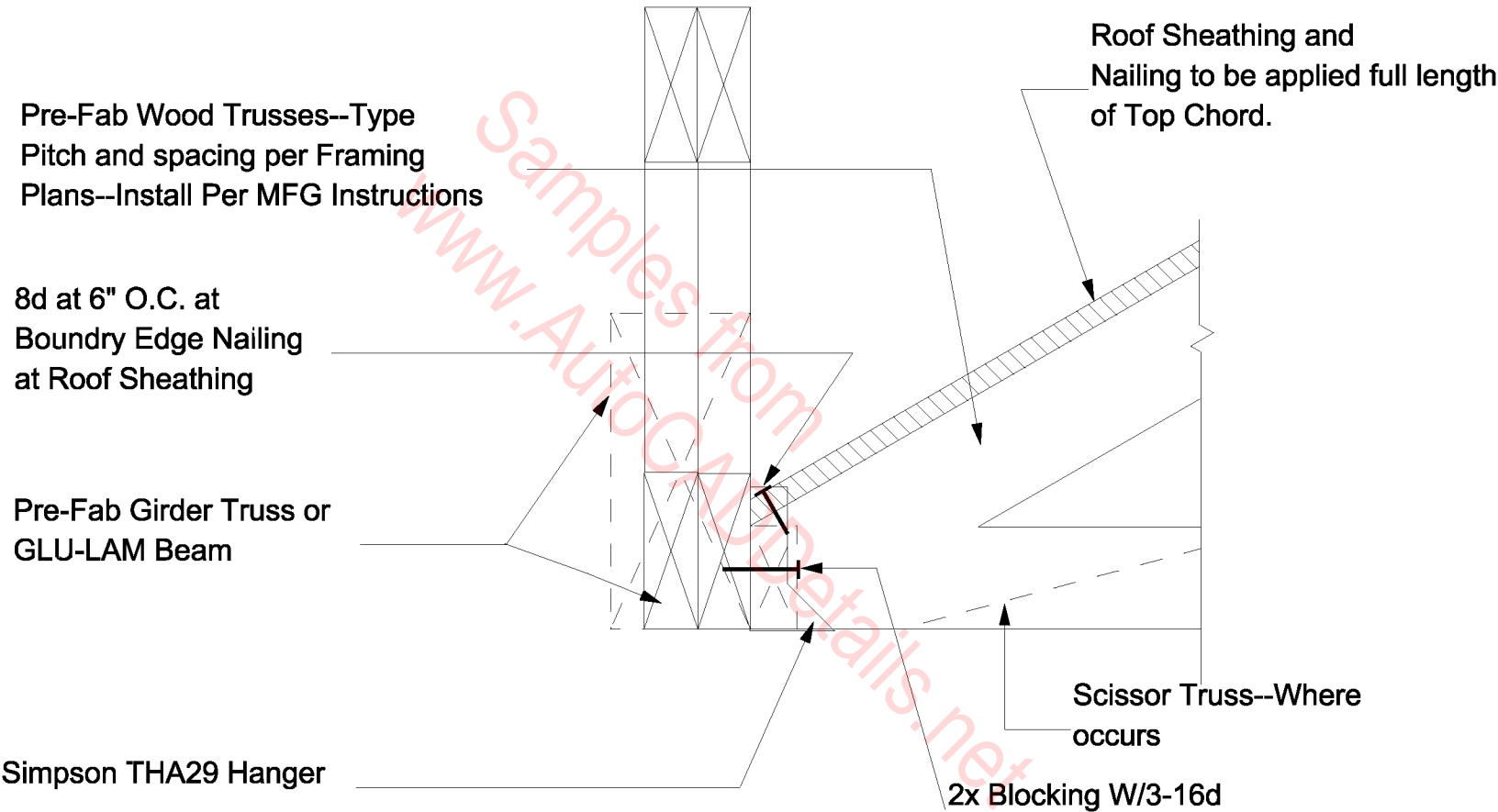
Truss Parallel to Wall



Truss To Beam (Cantilever)



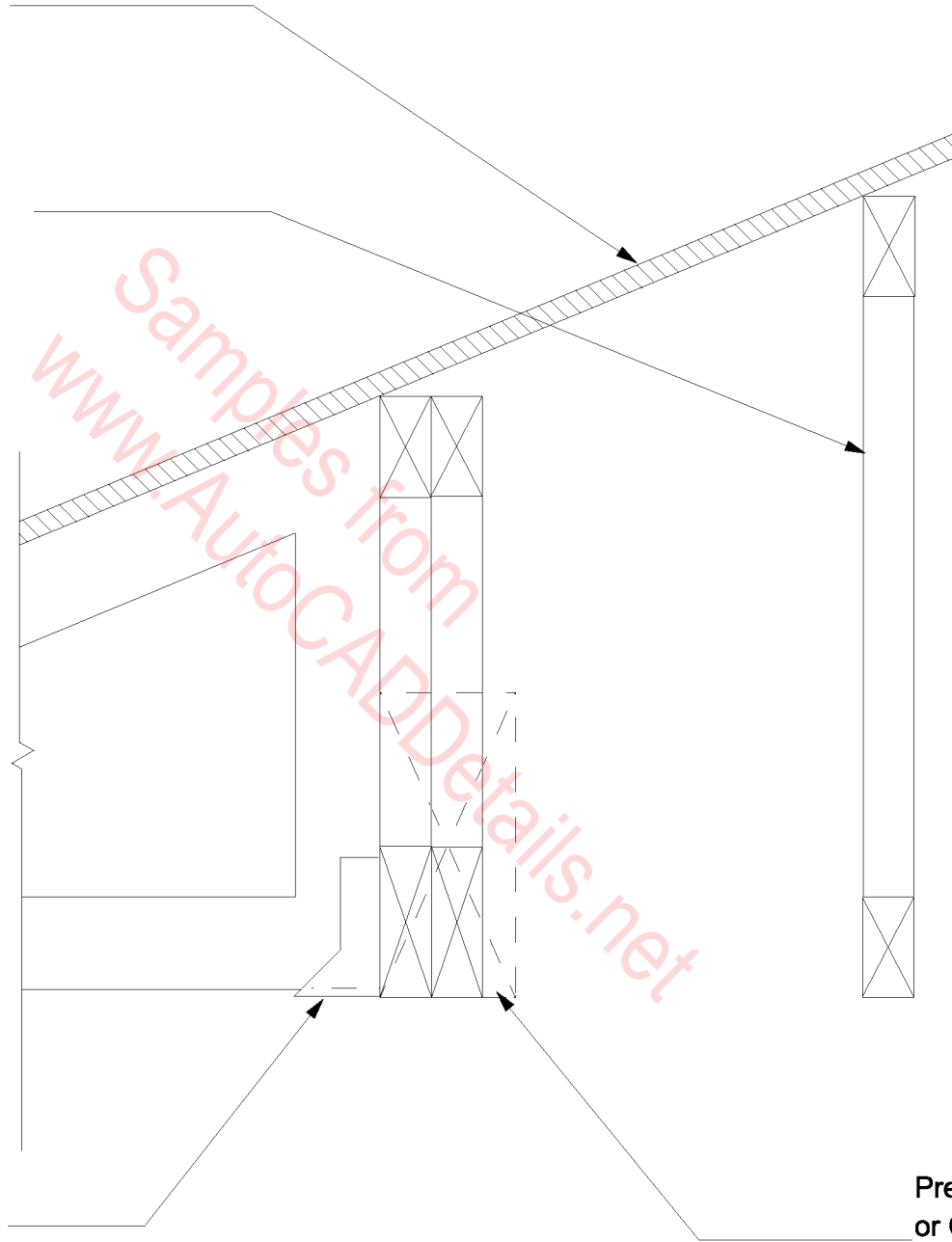
Truss to Beam



Truss To Grider/Beam

Roof Sheathing and Nailing per Local code to be applied full length of Top Chord

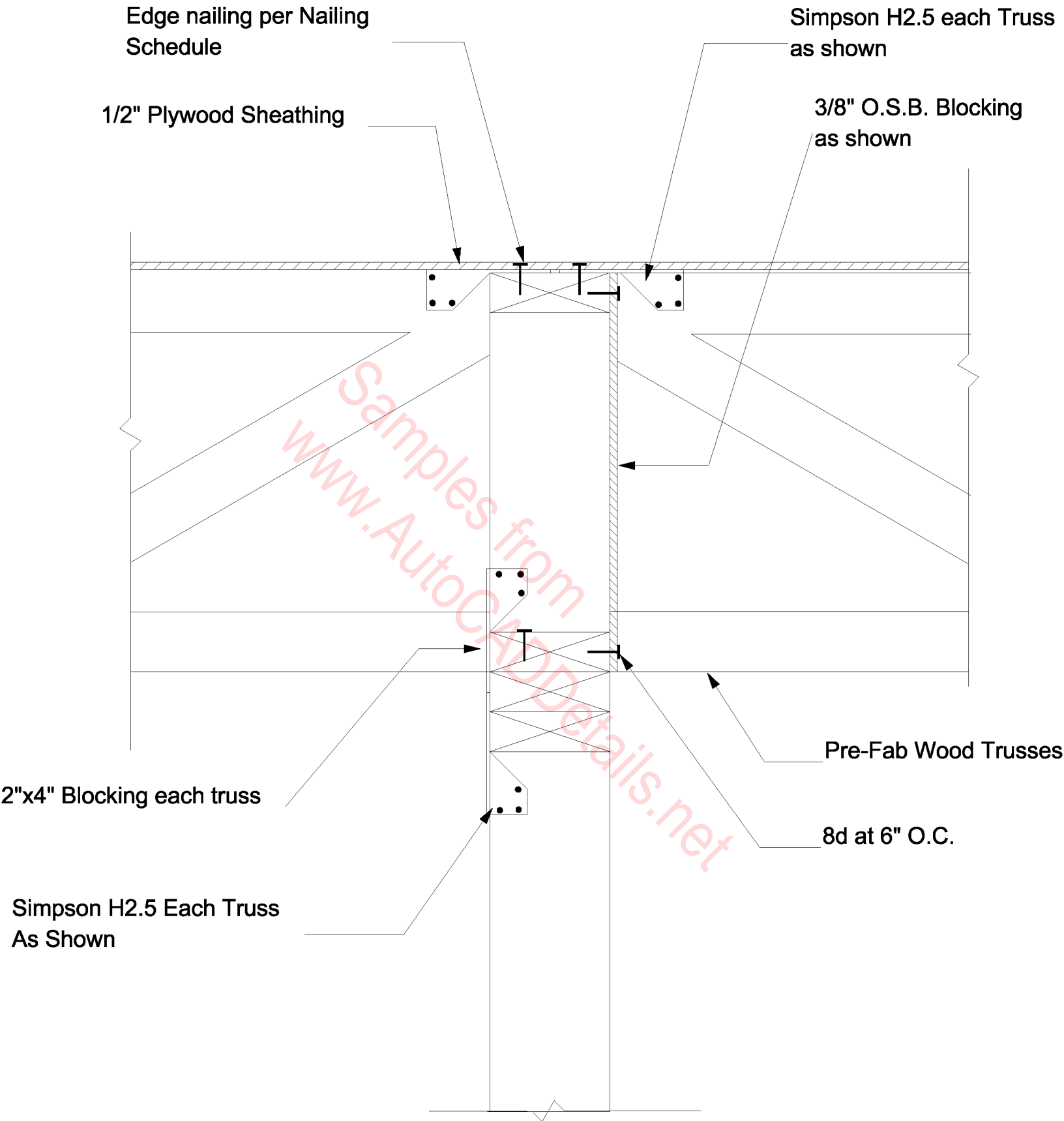
Pre-Fab Wood Trusses-- Type, Pitch and Spacing Per Framing Plan--Install Per MFG Instructions



Simpson LU24 Hanger or Equal--See Framing Plan

Pre-Fab Girder Truss or GLU-LAM Beam (See Framing Plan)

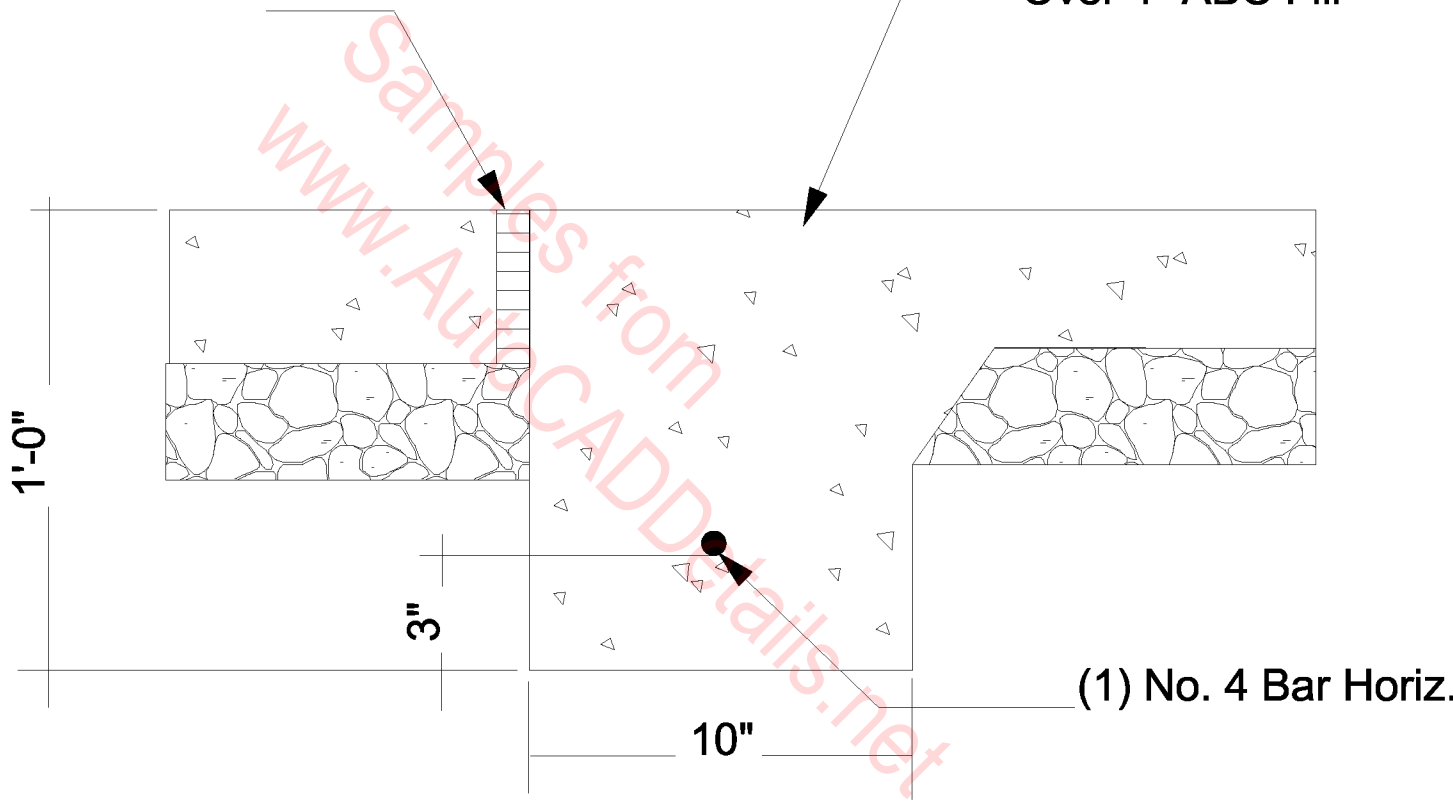
Truss To Grider/Beam



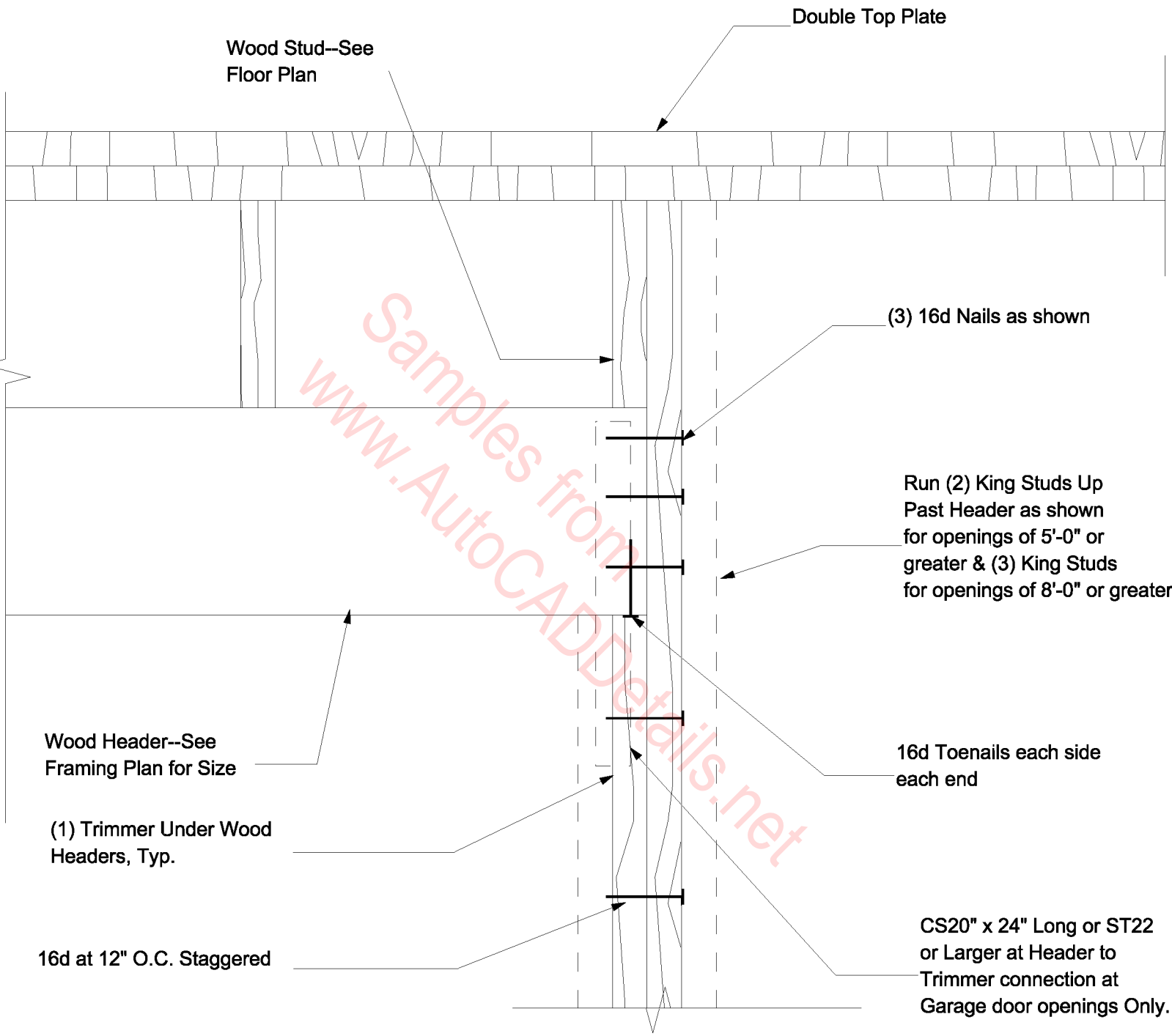
Trusses To Interior Wall

1/2" Expansion Joint
Typical

4" Concrete Slab
Over 4" ABC Fill



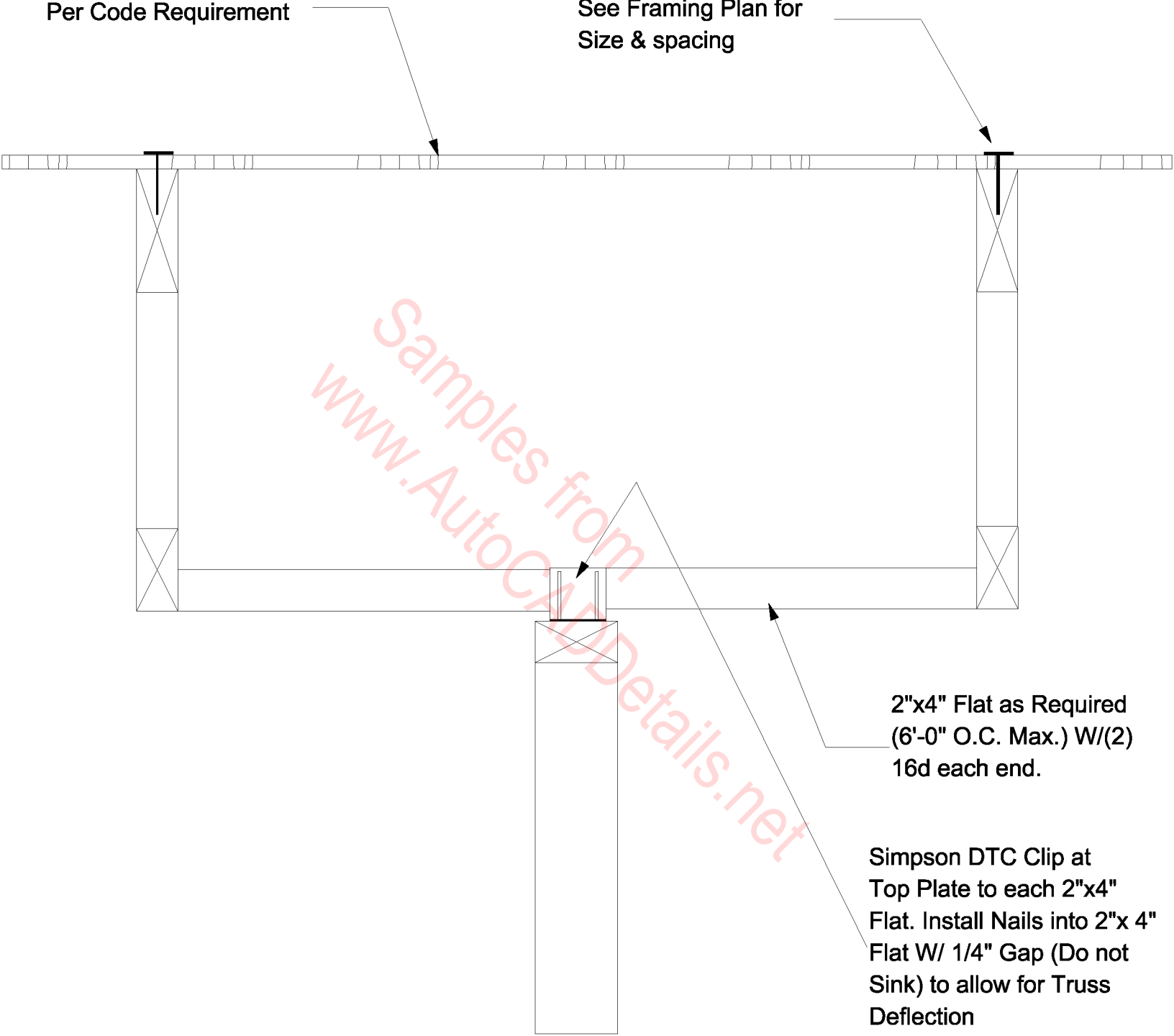
Turndown at Garage Door



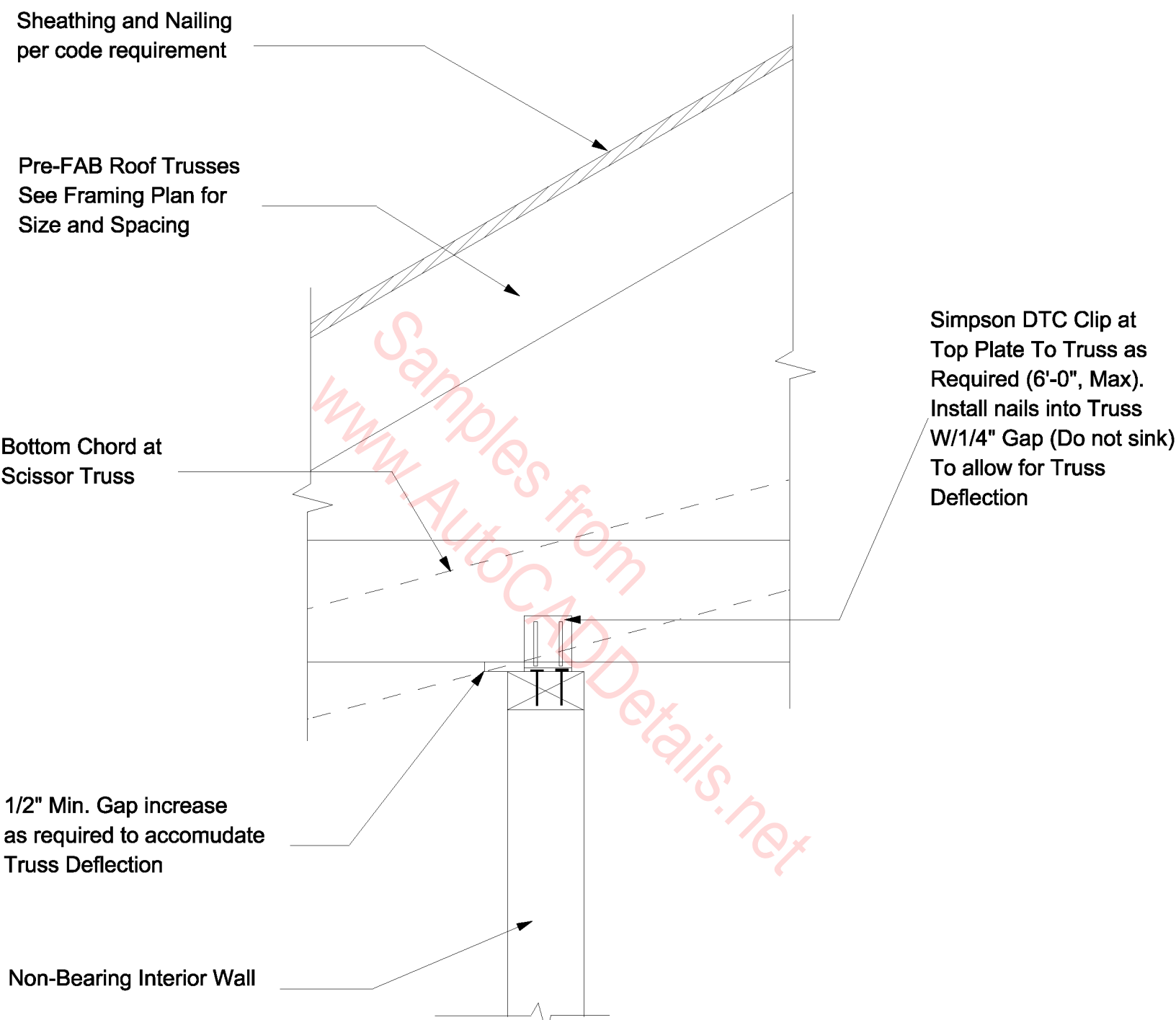
Typical Header

Sheathing and Nailing
Per Code Requirement

Pre-Fab Roof Trusses
See Framing Plan for
Size & spacing



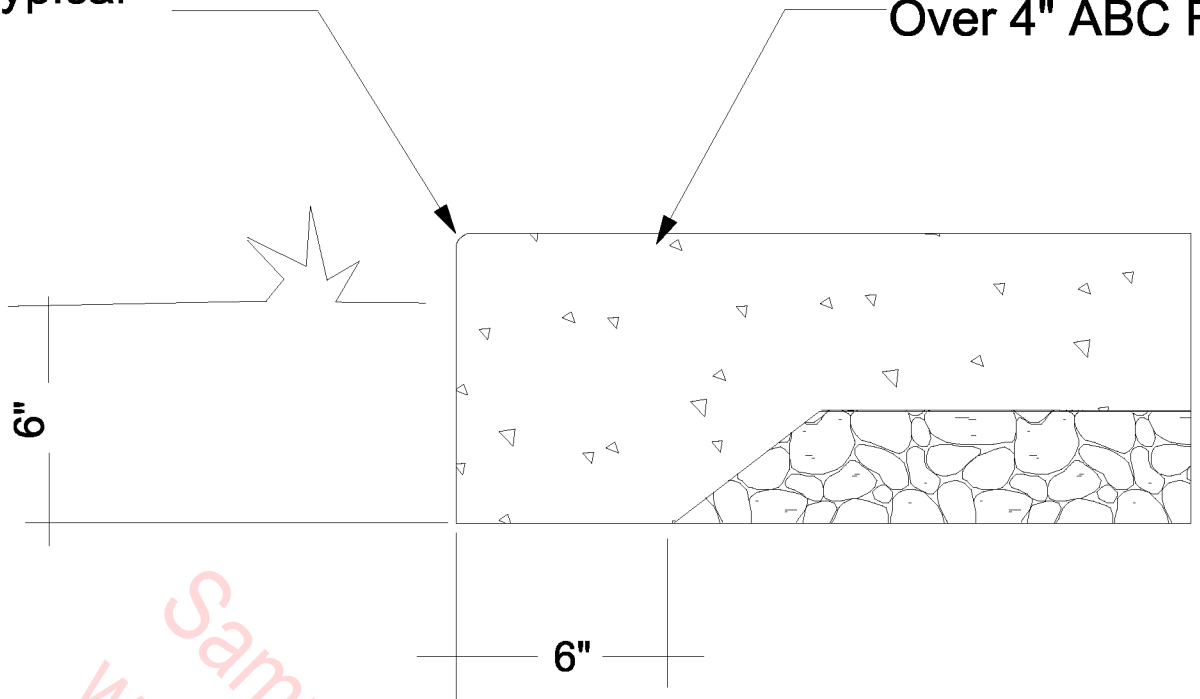
Typical Non-Shear, Non-Bearing Parallel Wall Connection



**Typical Non-Shear
Non-Bearing Perpendicular Wall
Connection**

Tooled Edges--typical

4" Concrete Slab
Over 4" ABC Fill

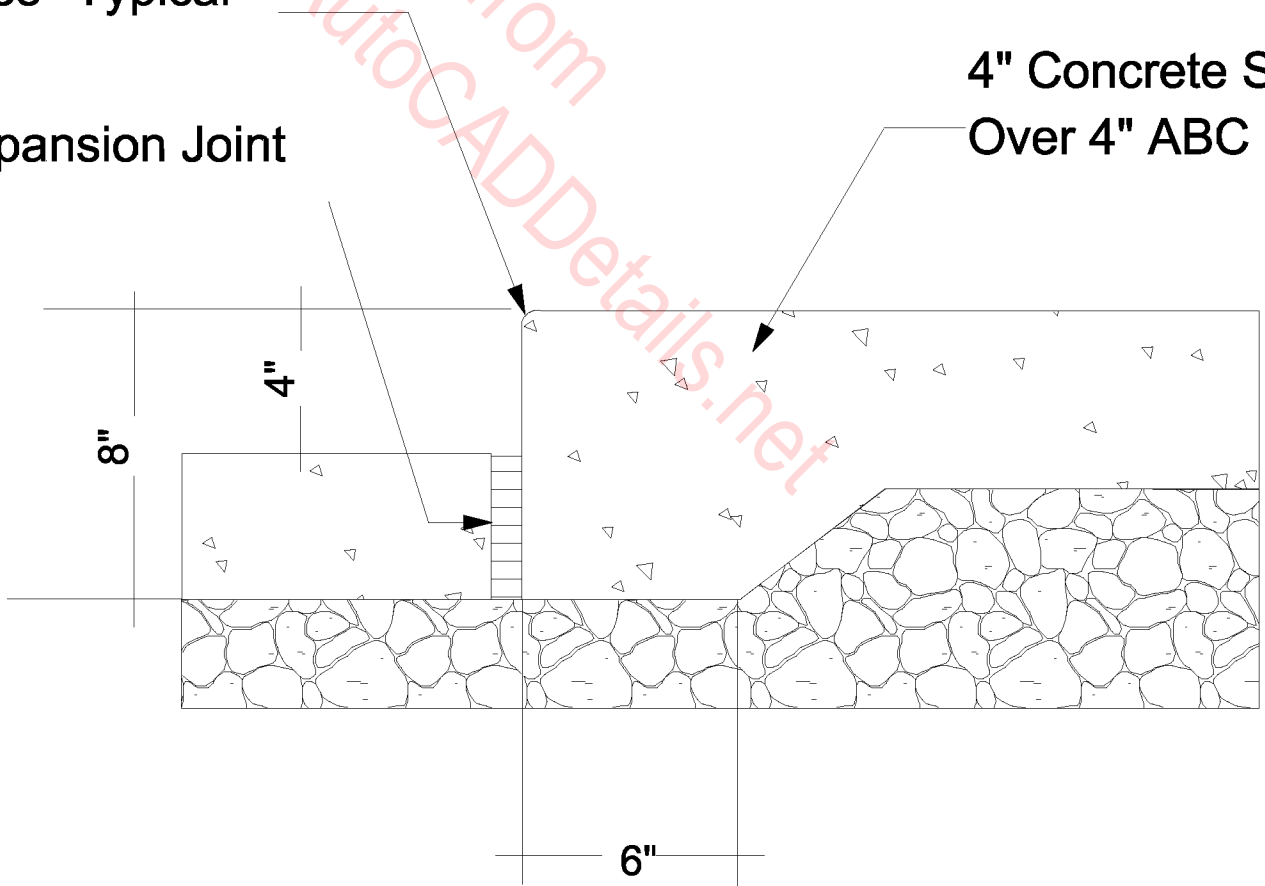


A

Tooled Edges--Typical

1/2" Expansion Joint
Typical

4" Concrete Slab
Over 4" ABC Fill

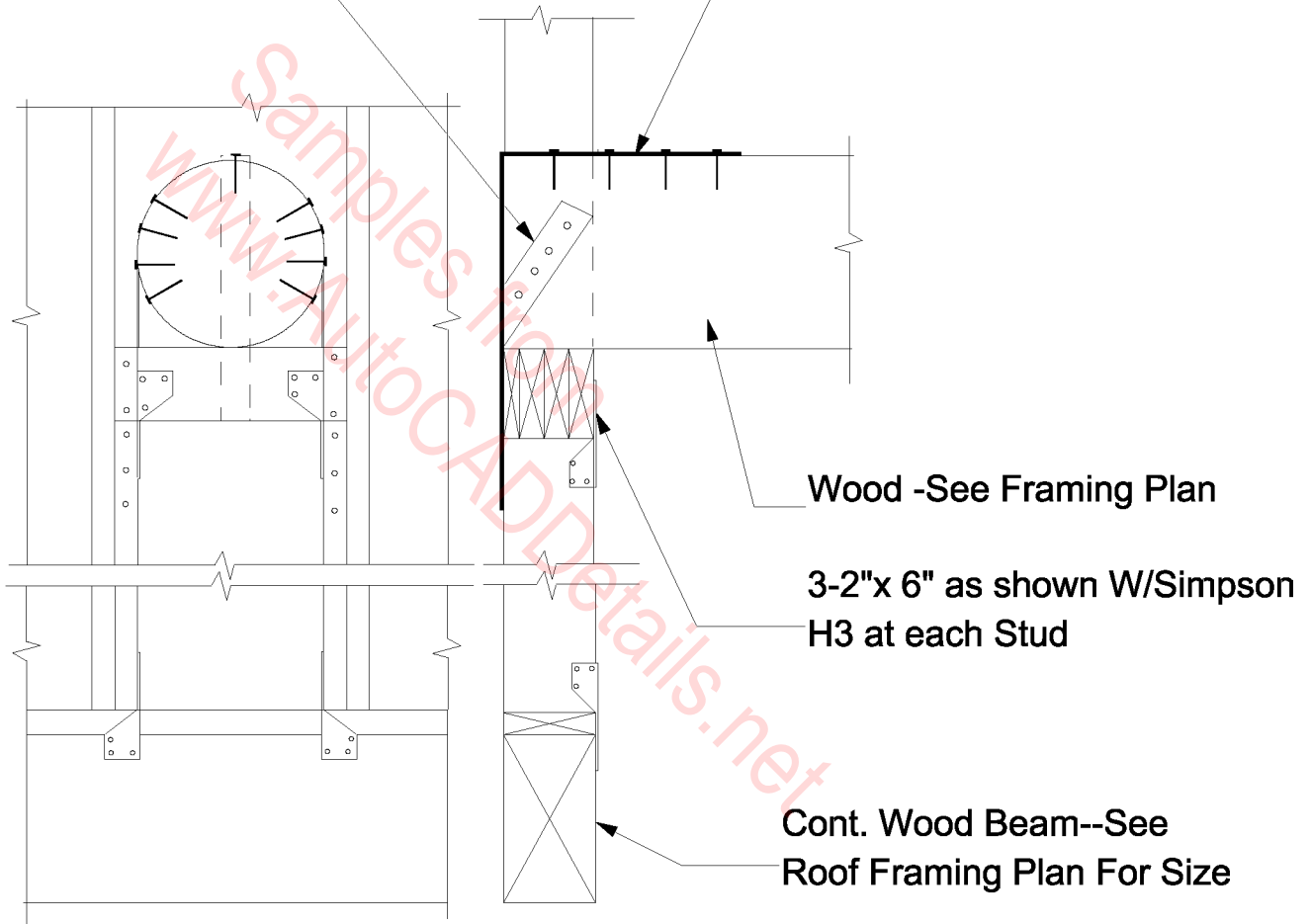


B

Typical Slab Turndown

Simpson MST Strap W/Min.
4-16d Per End

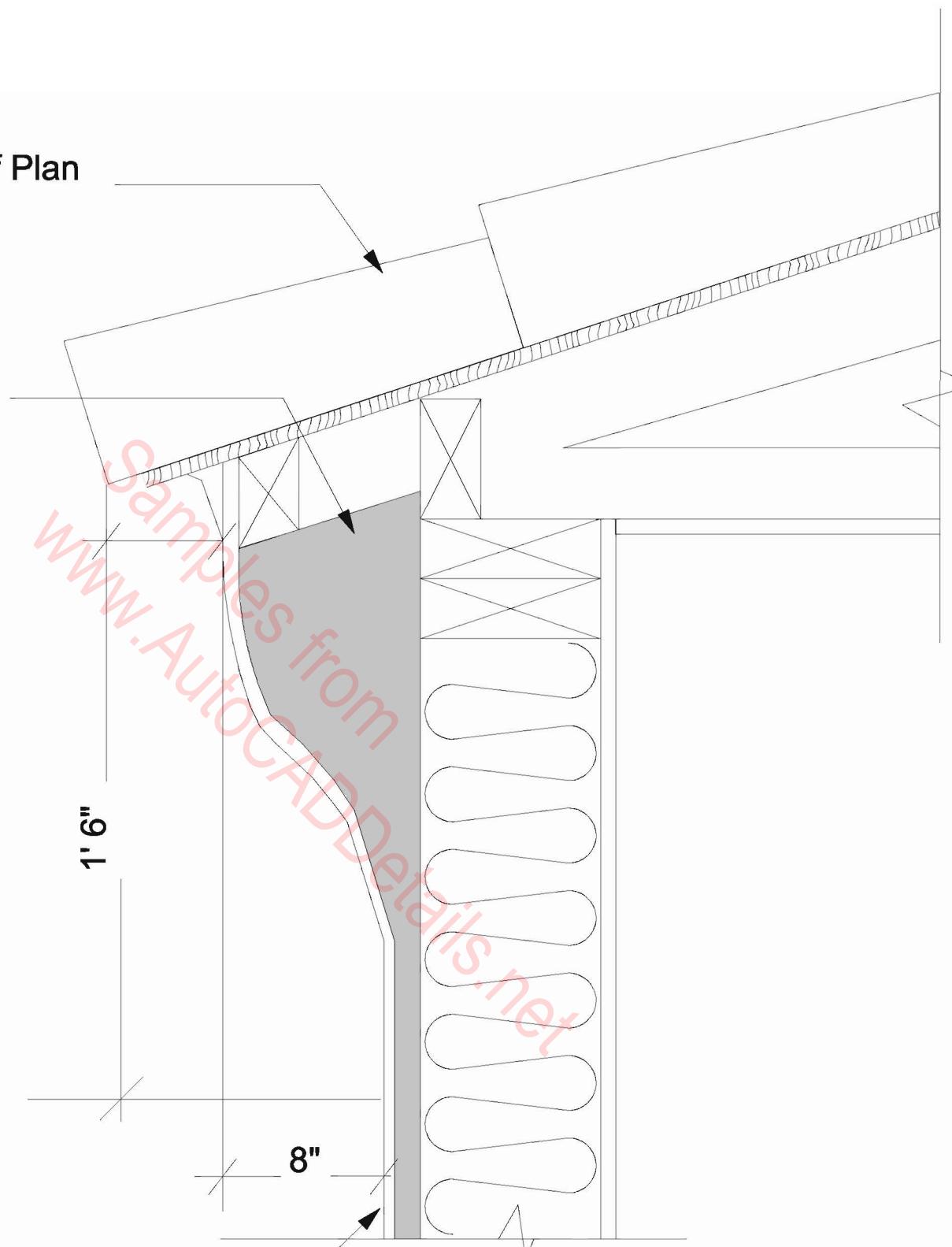
Simpson MST Strap W/ Min.
4-16d per End



VIGA BEARING at WALL

Tile Roof--See Roof Plan

Rigid Foam Fascia



1' 6"

8"

Stucco System On Metal
Lath Over 1" Rigid Foam

WRAPPED FASCIA