

ARCHITECTURAL DETAIL DRAWINGS

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TYPICAL DETAILS:





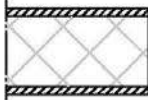

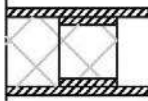
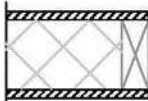
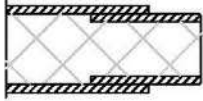
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LEGEND:

<u>SYMBOL</u>	<u>MEANING</u>
	PANEL FASTENER SCREW
	SKIN FASTENER (1 1/2" WIDE CROWN STAPLE OR 8d NAIL)
	GASKET (1/2"x1/2" OR 1"x1")
O.C.	ON CENTER
	2X MATERIAL
	FACTORY FOAM EDGE
	FACTORY SUPPLIED GROOVE PLATE
	FACTORY MOLDED GROOVE
	FACTORY MOLDED IN 2X MATERIAL
	FACTORY MOLDED TONGUE

NOTE:

THE FASTENING DETAILS SHOWN HERE ARE GENERAL REQUIREMENTS. SEE SPECIFIC PANEL DRAWINGS FOR ANY ADDITIONAL OR SPECIAL FASTENING REQUIREMENTS.

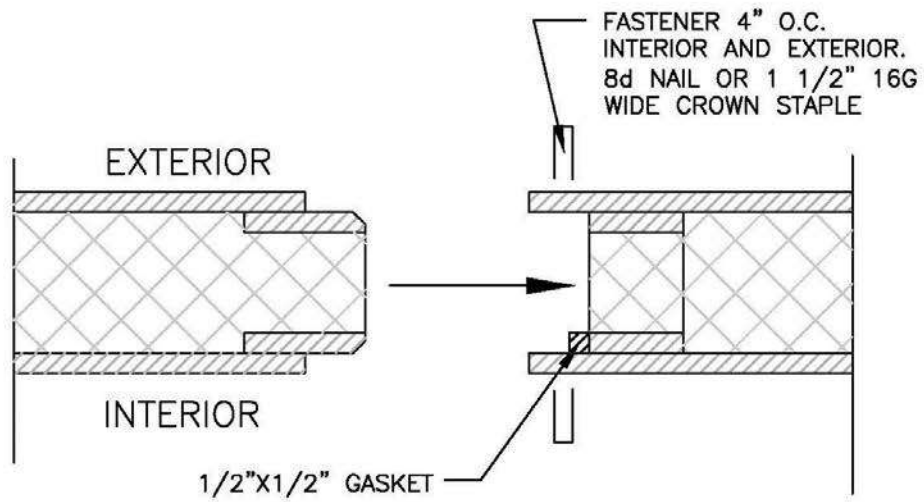


TYPICAL DETAILS

A-1

WALL PANEL TO PANEL CONNECTION

STANDARD



END VIEW
(TYPICAL STRUCTURAL & TIMBER)

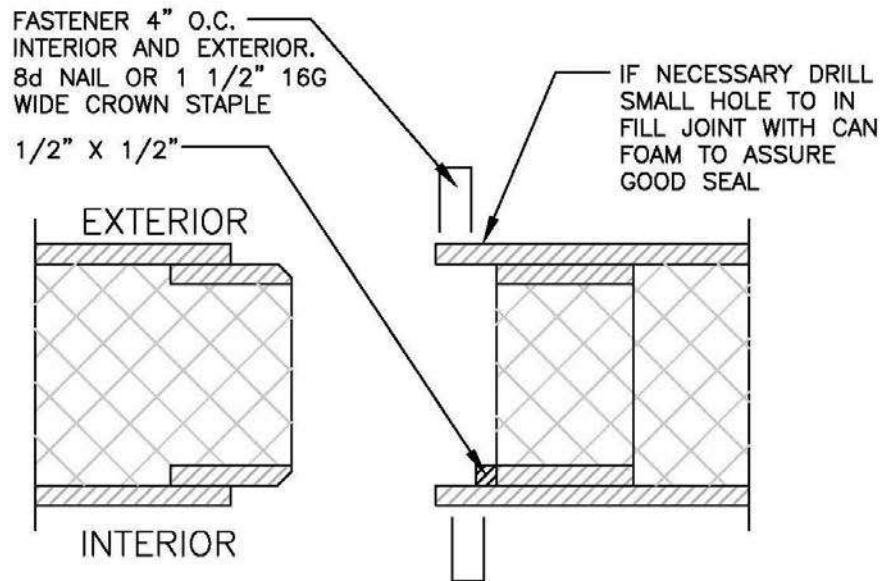


TYPICAL DETAILS

A-2

ROOF PANEL TO PANEL CONNECTION, STANDARD

STANDARD



END VIEW
(TYPICAL STRUCTURAL & TIMBER)

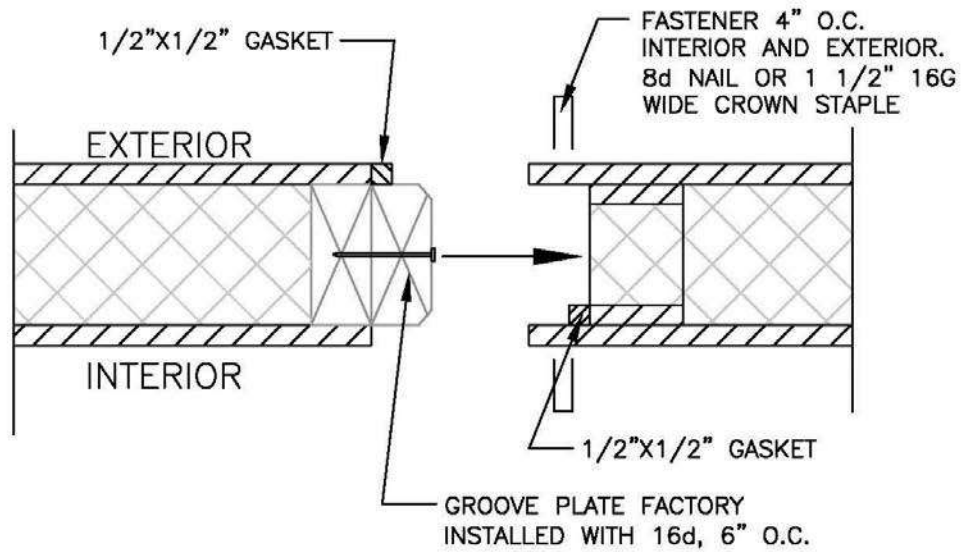


TYPICAL DETAILS

A-3

WALL PANEL TO PANEL CONNECTION

2X TONGUE



END VIEW
(TYPICAL STRUCTURAL & TIMBER)

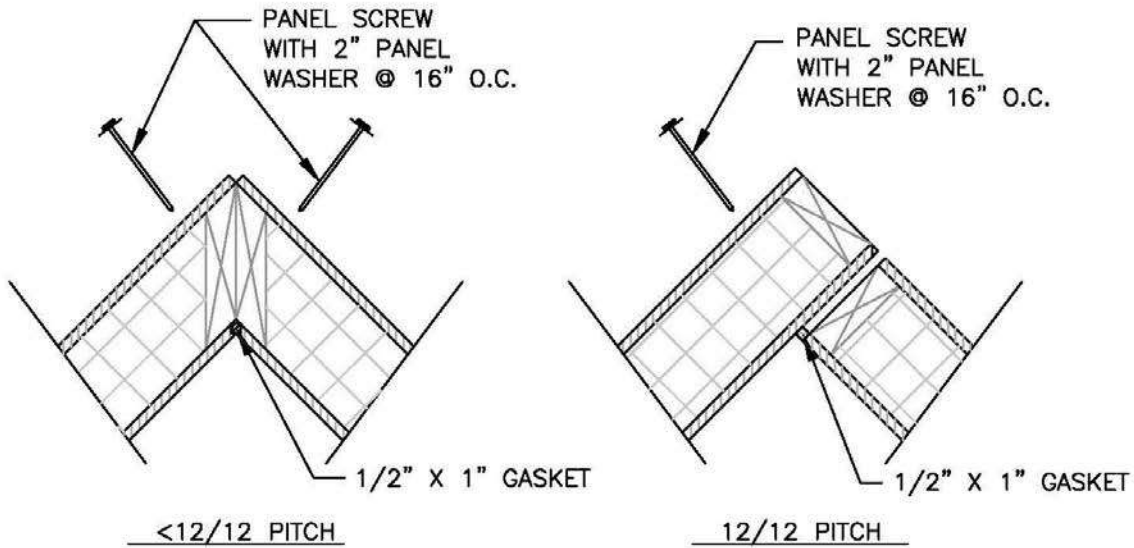


TYPICAL DETAILS

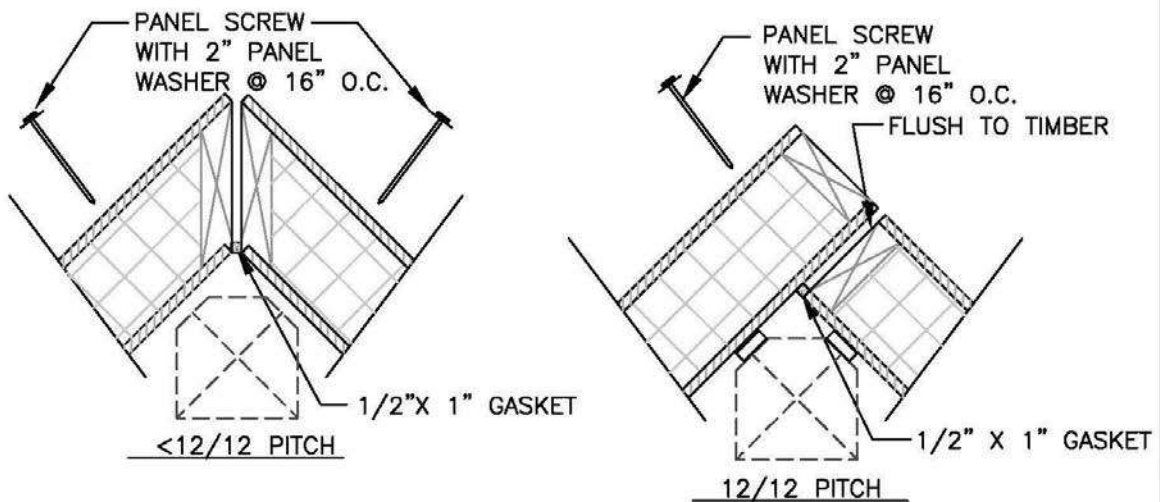
A-4

VARIOUS RIDGE CONDITIONS

STRUCTURAL



TIMBER



NOTES:

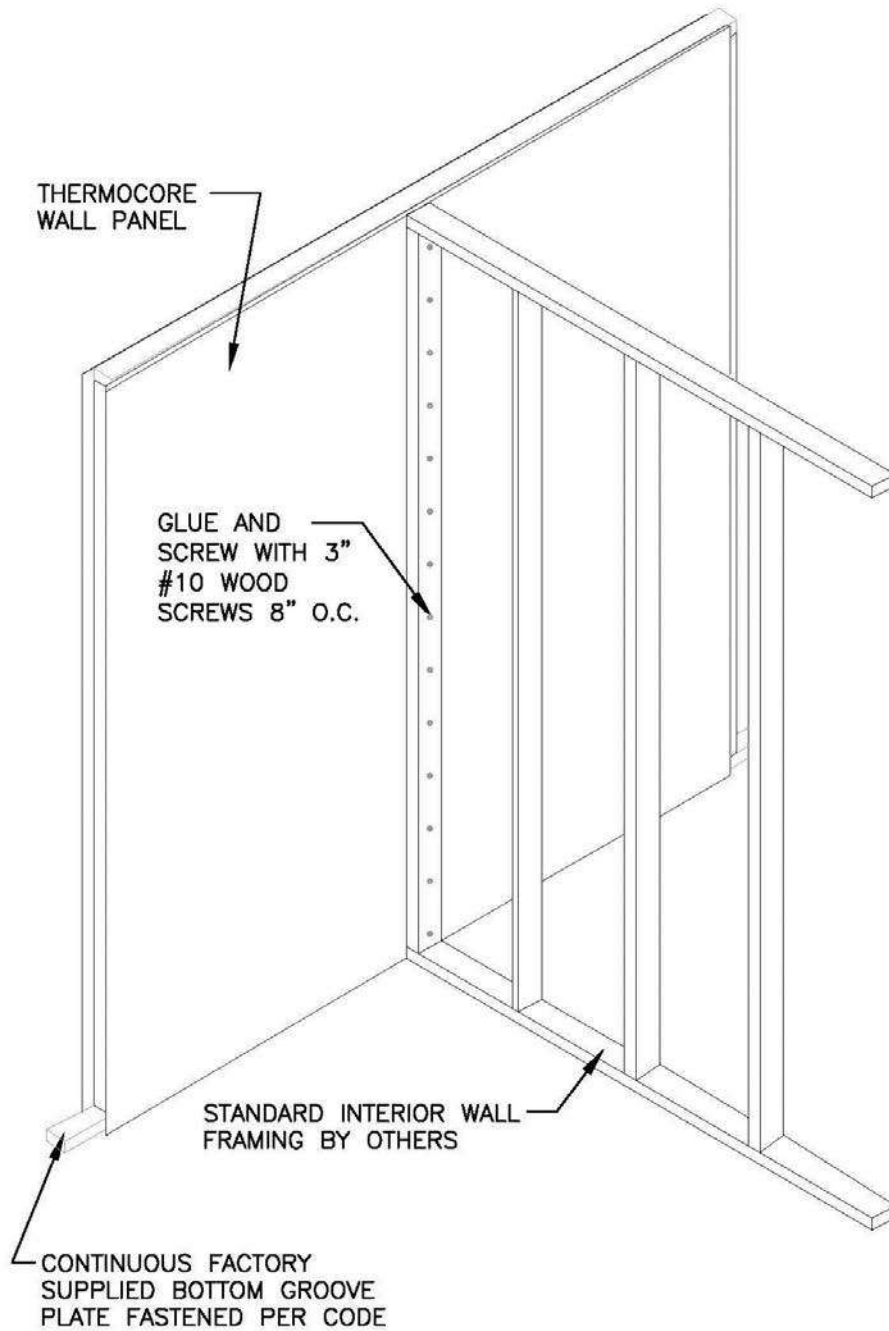
- FILL ANY GAPS IN PANEL JOINT WITH FOAM.
- INSTALL RIDGE VENT ON PITCH $<12/12$.



TYPICAL DETAILS

A-5

INTERIOR WALL TO PANEL CONNECTION



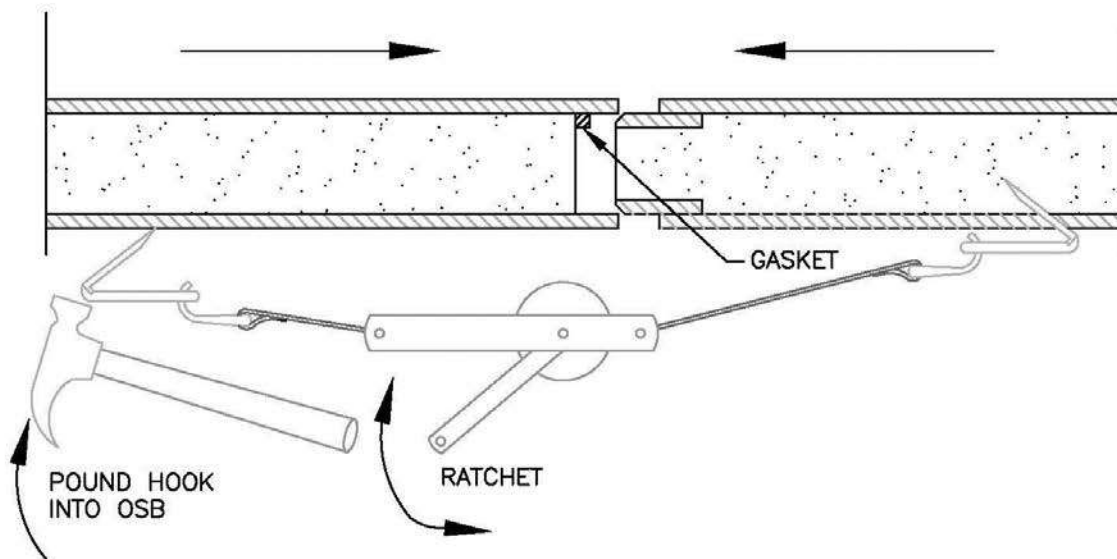


TYPICAL DETAILS

A-6

PULLING PANEL JOINTS TIGHT

RATCHET STRAP METHOD



* RATCHET STRAPS AND HOOKS ARE NOT PROVIDED BY THERMOCORE. HOOKS CAN BE FORMED BY USING FLAT STEEL BENT INTO SHAPE. ONE END CUT TO FORM A POINT. FILL ANY SMALL HOLES WITH CAN FOAM.



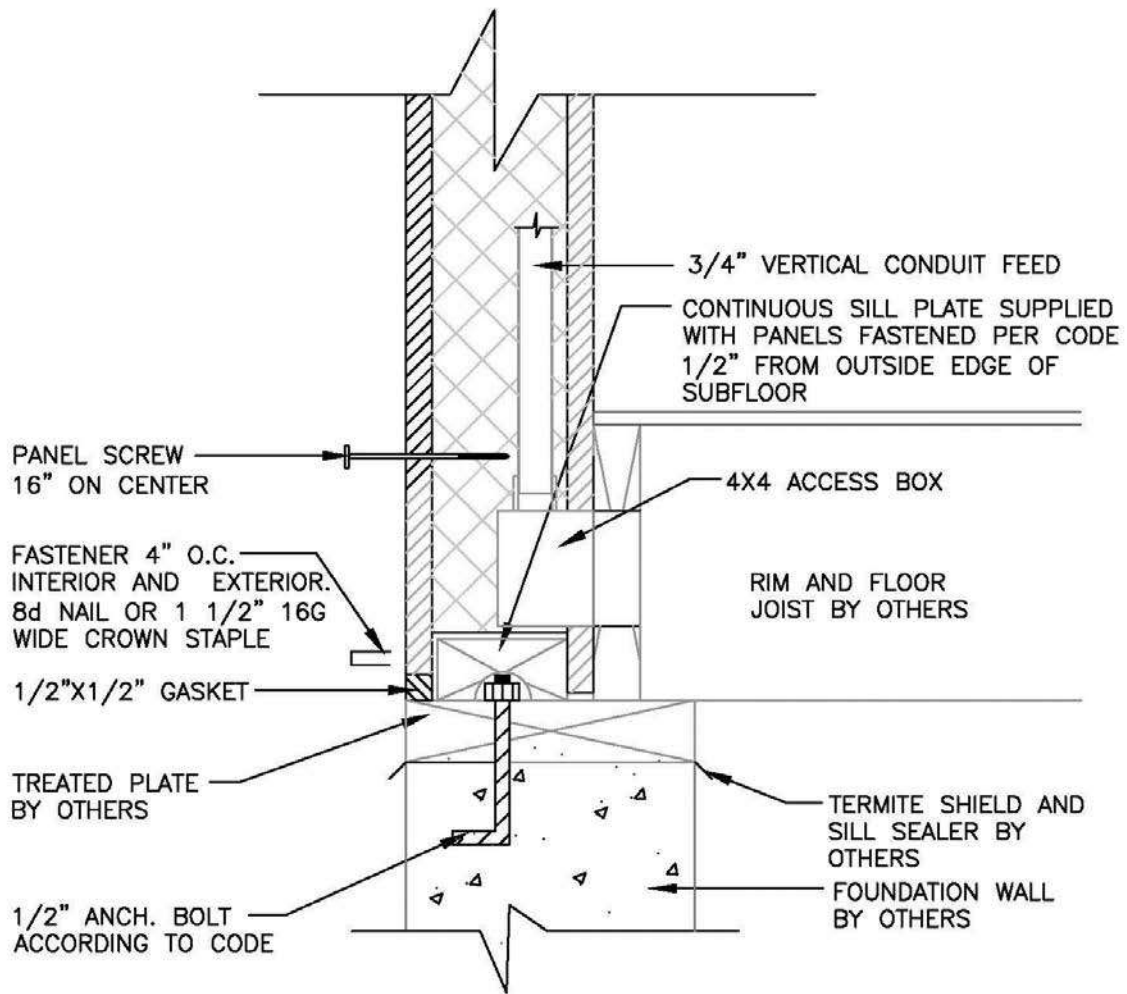
TYPICAL STRUCTURAL DETAILS

S-1

FIRST FLOOR CONNECTION

SIDE MOUNT, (WRAP FLOOR)

NOTE:
DRILL THROUGH BAND JOIST TO
ACCESS ELECTRICAL BOX



NOTE:
TREAT SILL AND FOUNDATION
WITH INSECTICIDE.

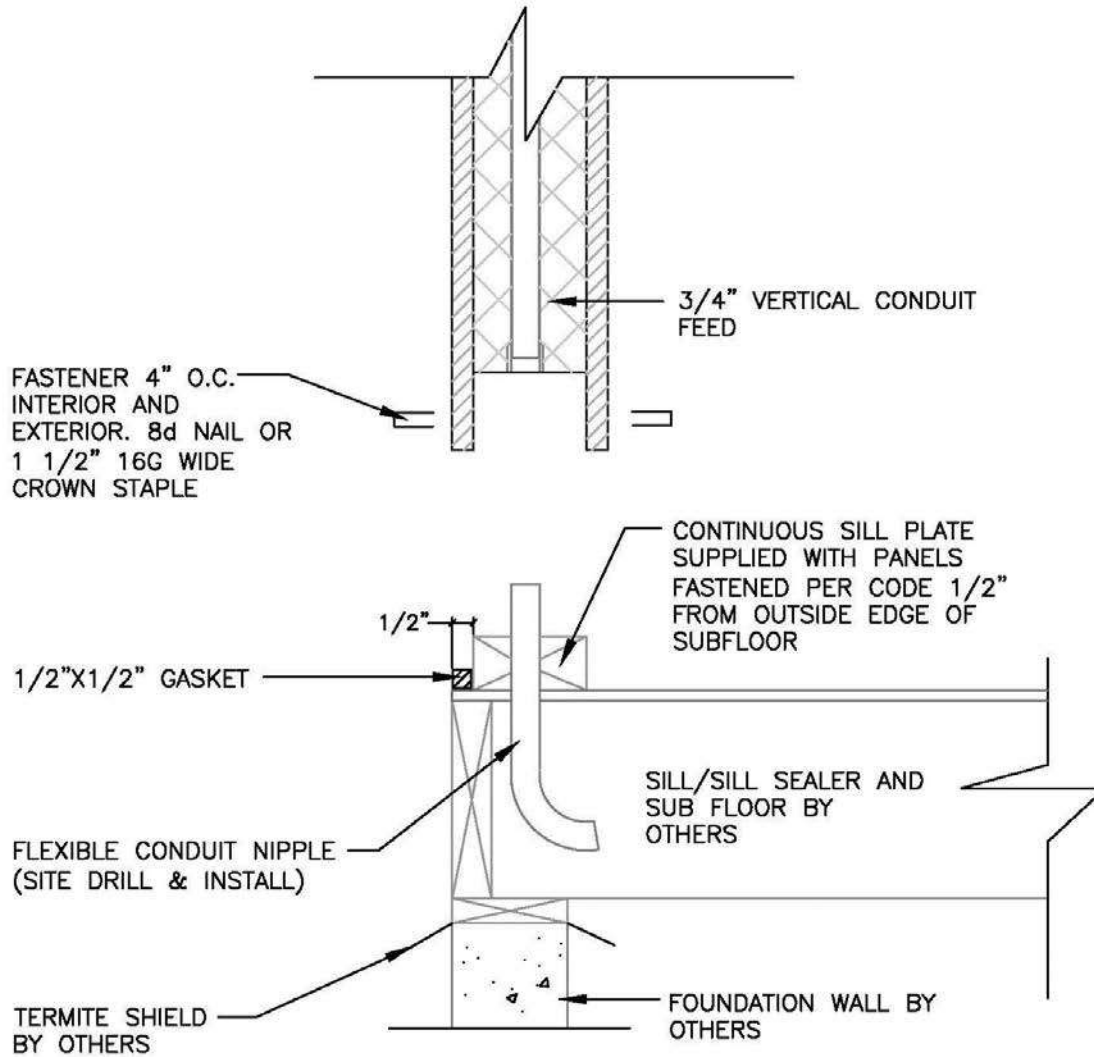


TYPICAL STRUCTURAL DETAILS

S-2

FIRST FLOOR CONNECTION

FLOOR DECK MOUNT



NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE. BOTH SKINS TO BARE ON SUB FLOOR IN STRUCTURAL APPLICATIONS.

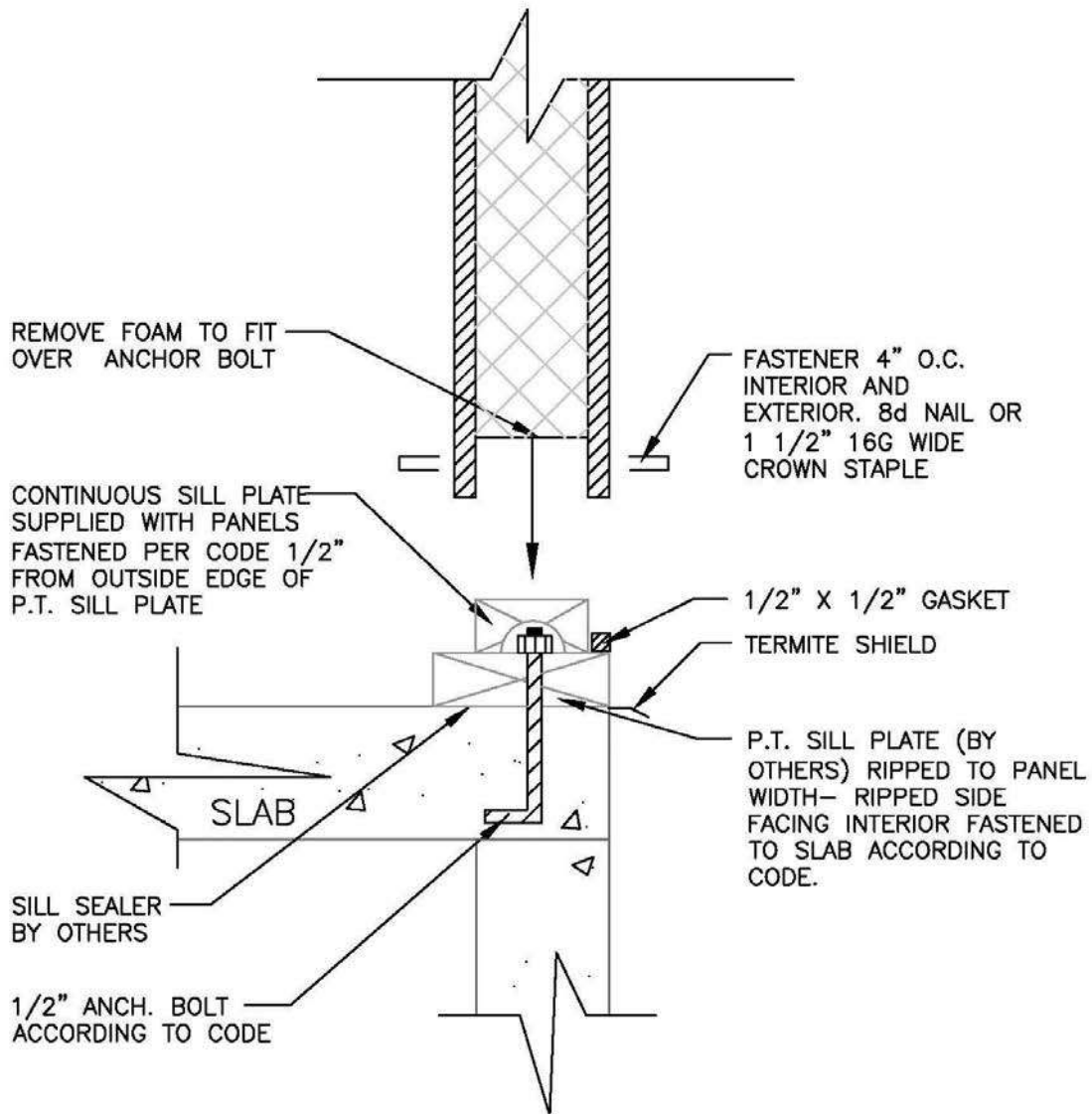


TYPICAL STRUCTURAL DETAILS

S-3

FIRST FLOOR CONNECTION

CONCRETE SLAB MOUNT



NOTE:
TREAT SILL AND FOUNDATION
WITH INSECTICIDE.

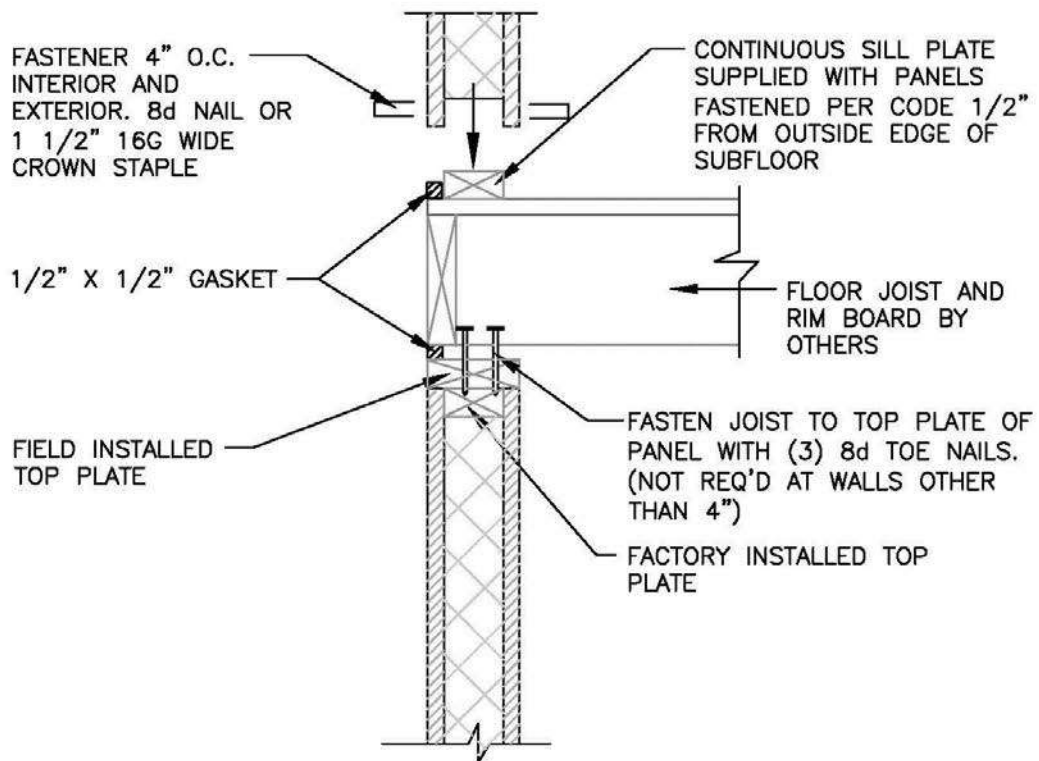


TYPICAL STRUCTURAL DETAILS

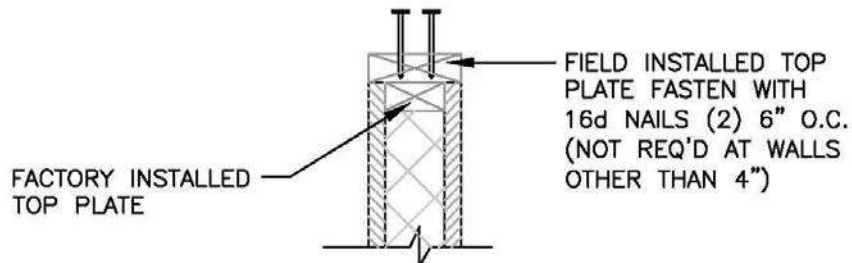
S-4

SECOND FLOOR CONNECTION

PLATFORM FRAMING



NOTE:
FIELD INSTALLED TOP PLATE SHALL STAGER OVER PANEL JOINT.



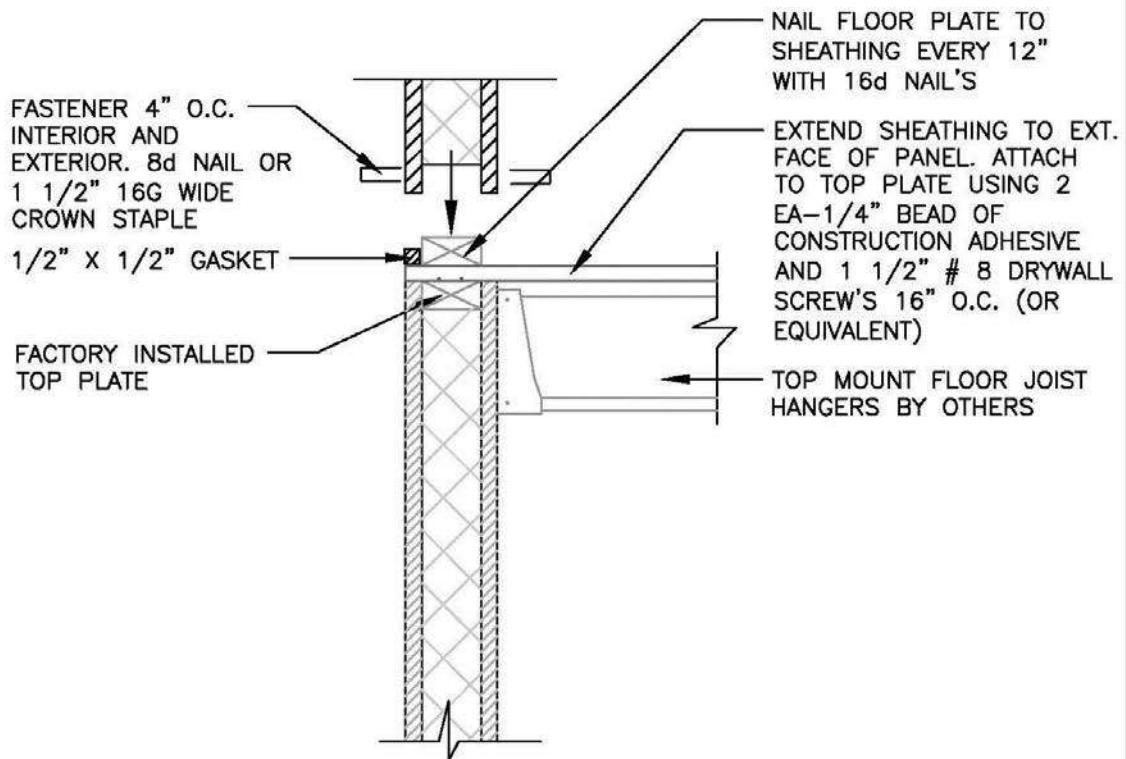


TYPICAL STRUCTURAL DETAILS

S-5

SECOND FLOOR CONNECTION

TOP MOUNT FLOOR JOIST HANGER



NOTE:
ATTACH JOIST HANGER'S PER
MANUFACTURERS RECOMMENDATION'S

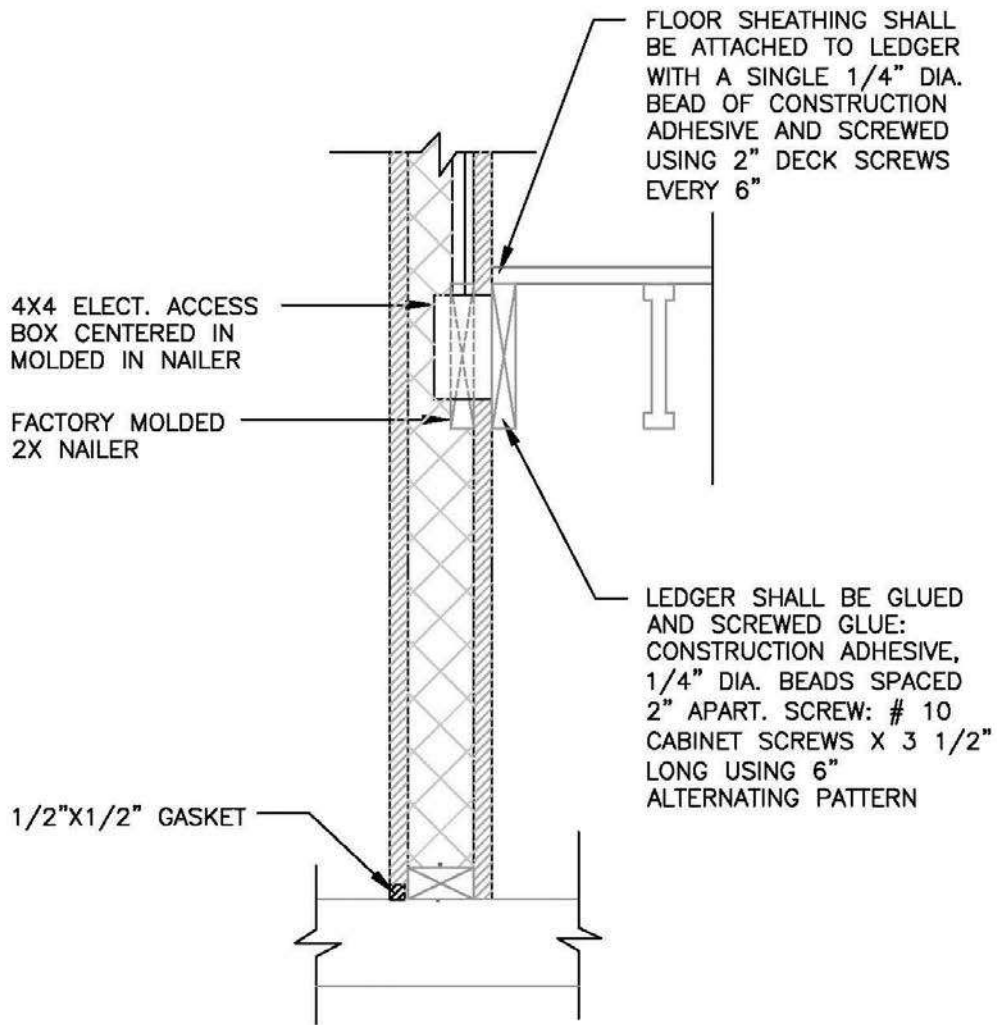


TYPICAL STRUCTURAL DETAILS

S-6

SECOND FLOOR CONNECTION

BALLOON FRAMING, LEDGER ATTACHMENT



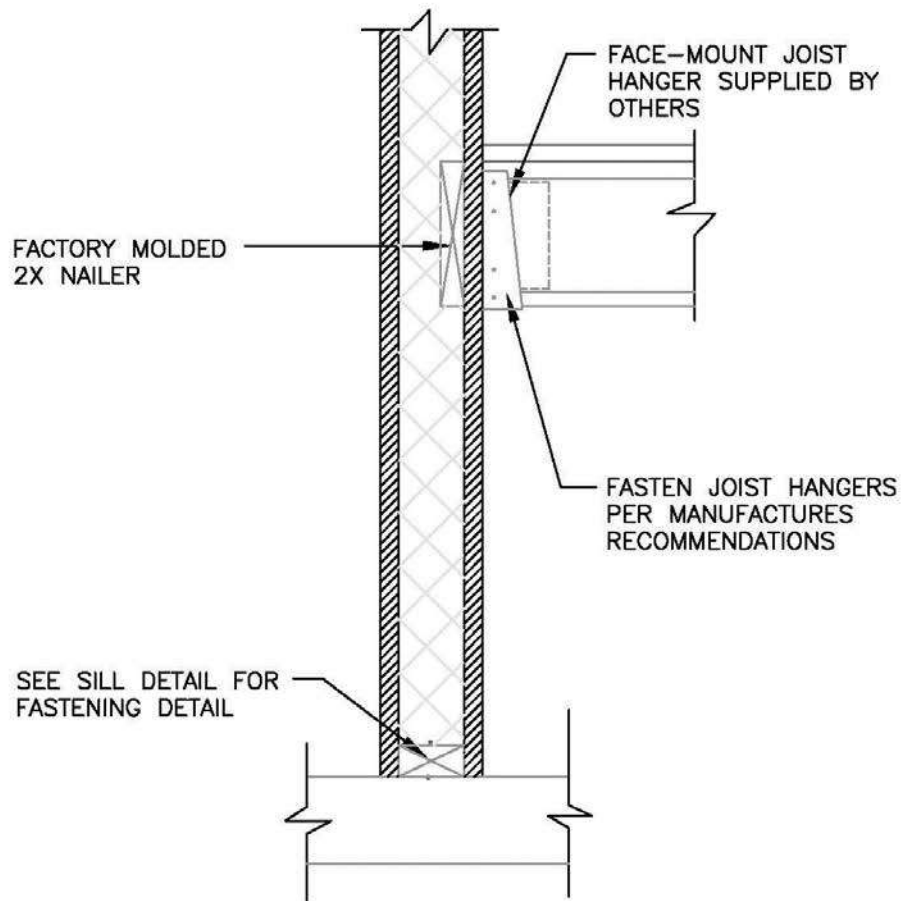


TYPICAL STRUCTURAL DETAILS

S-7

SECOND FLOOR CONNECTION

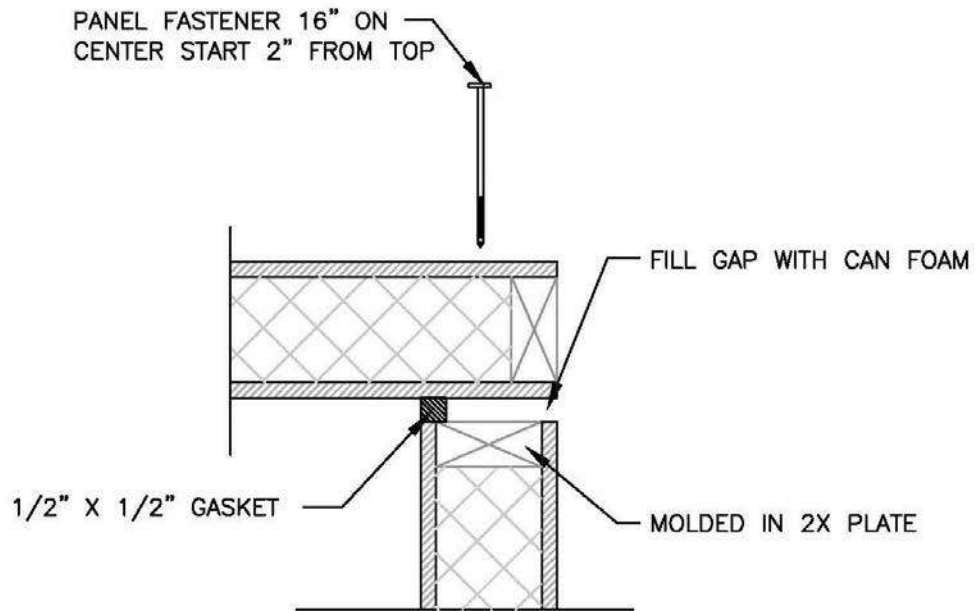
BALLOON FRAMING, HANGER AT END VIEW



NOTE:
ALL JOIST HANGER FASTENERS MUST PENETRATE 1 1/2" PAST OSB SKINS. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS FOR FASTENING JOISTS AND JOIST HANGERS.

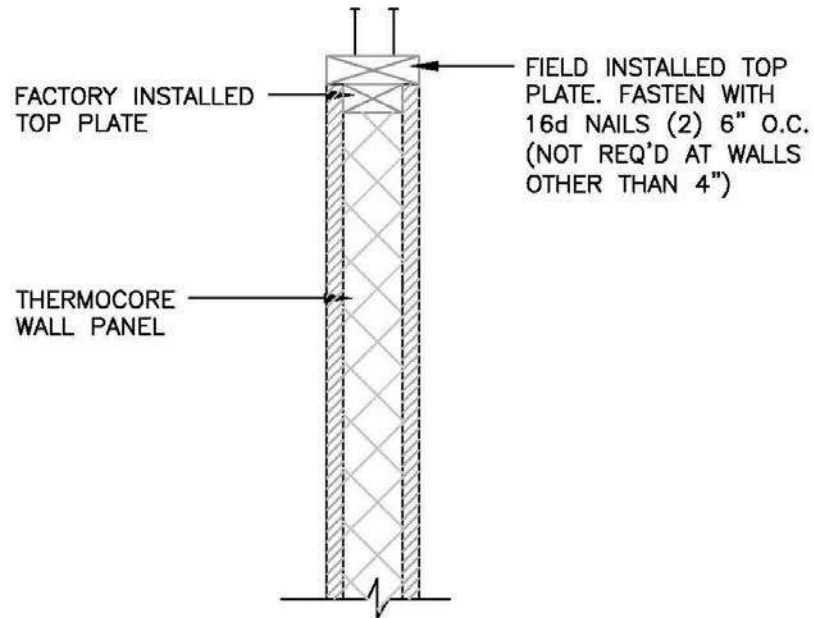


WALL CORNER CONNECTION



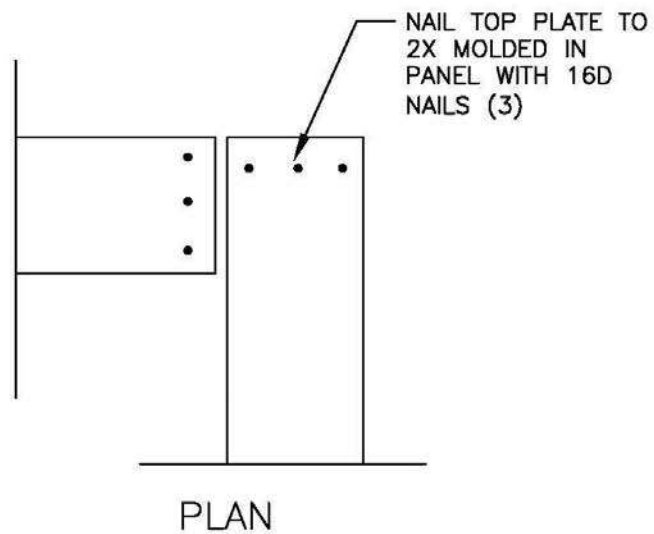
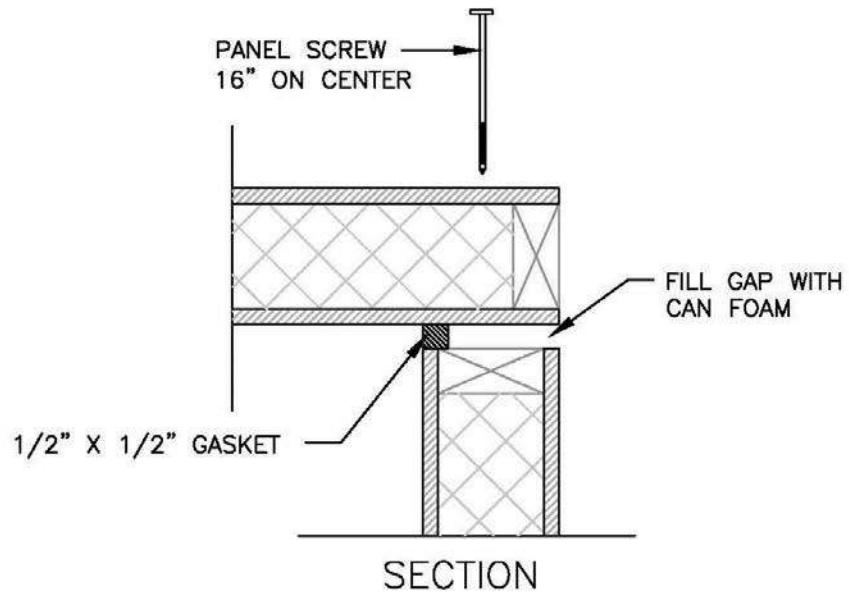


TYPICAL WALL SECTION



NOTE:
FIELD INSTALLED TOP PLATE SHALL STAGER OVER PANEL JOINT.

TOP PLATE CONNECTION @ CORNER

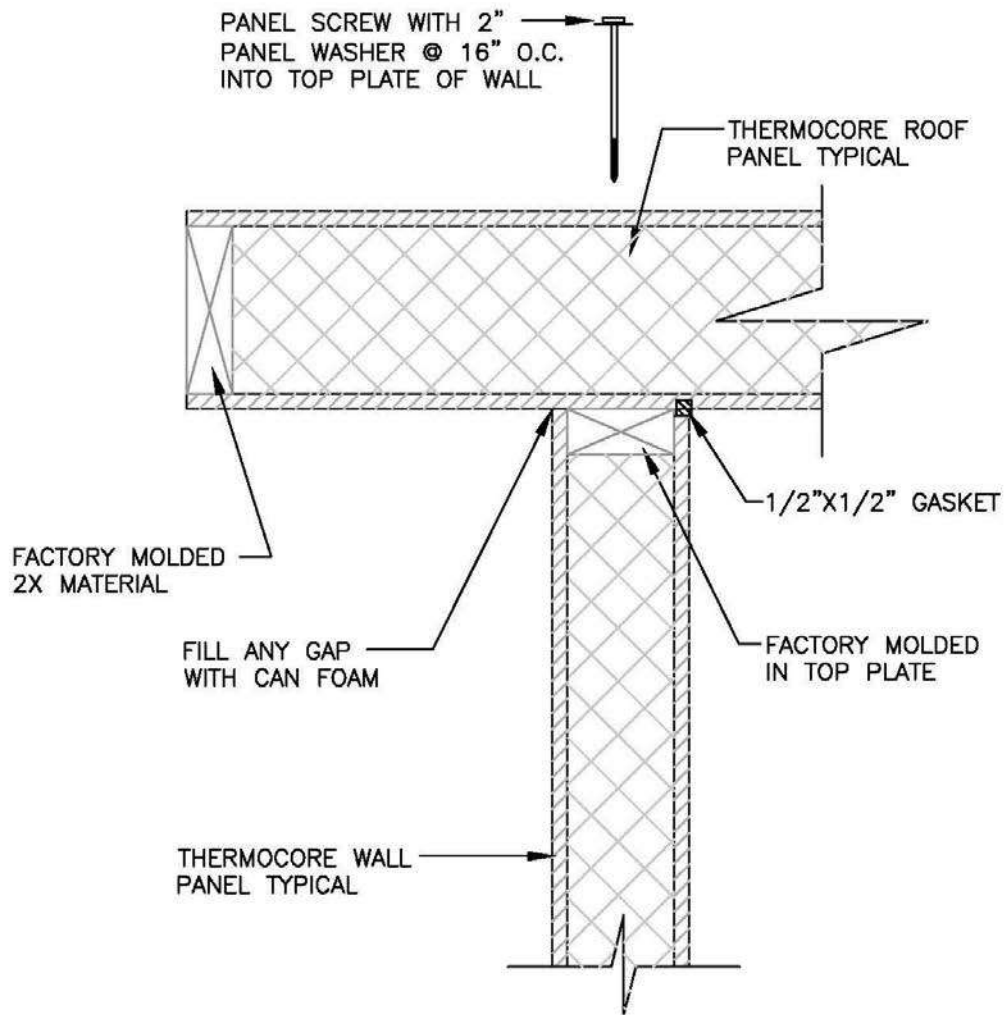




TYPICAL STRUCTURAL DETAILS

S-11

WALL TO ROOF CONNECTION, GABLE END

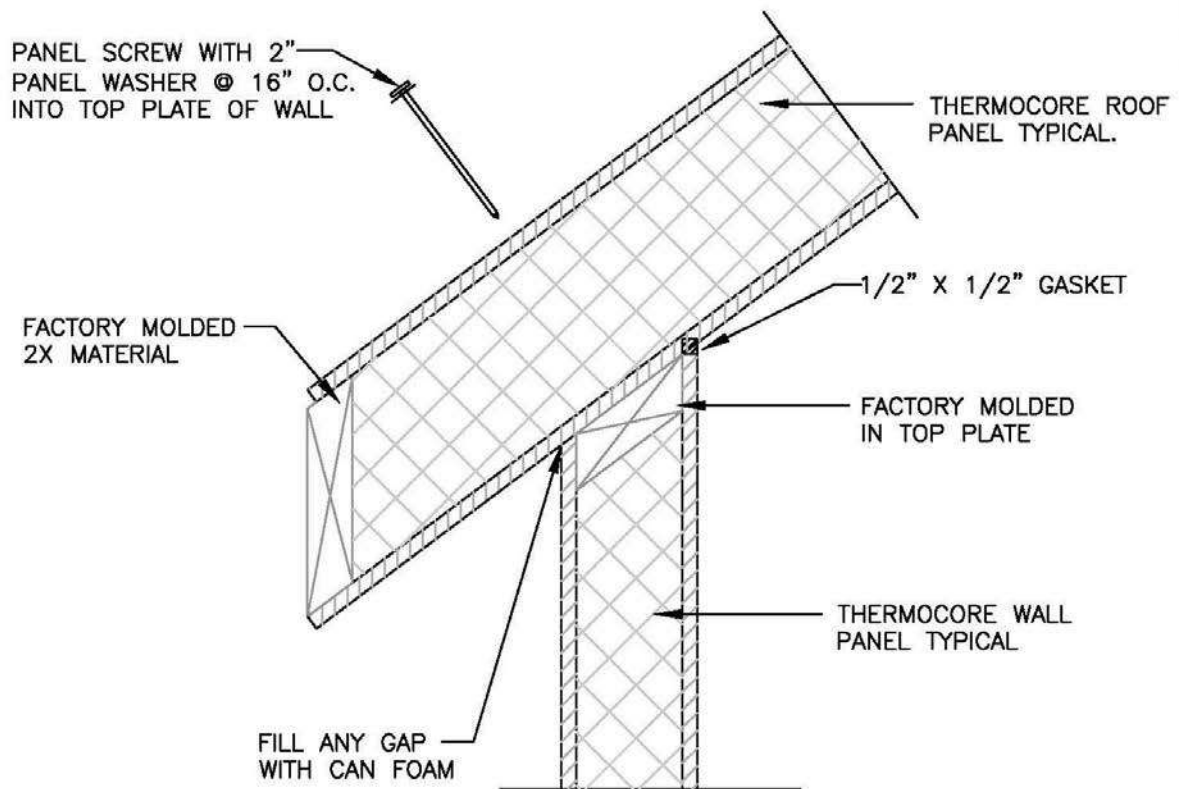




TYPICAL STRUCTURAL DETAILS

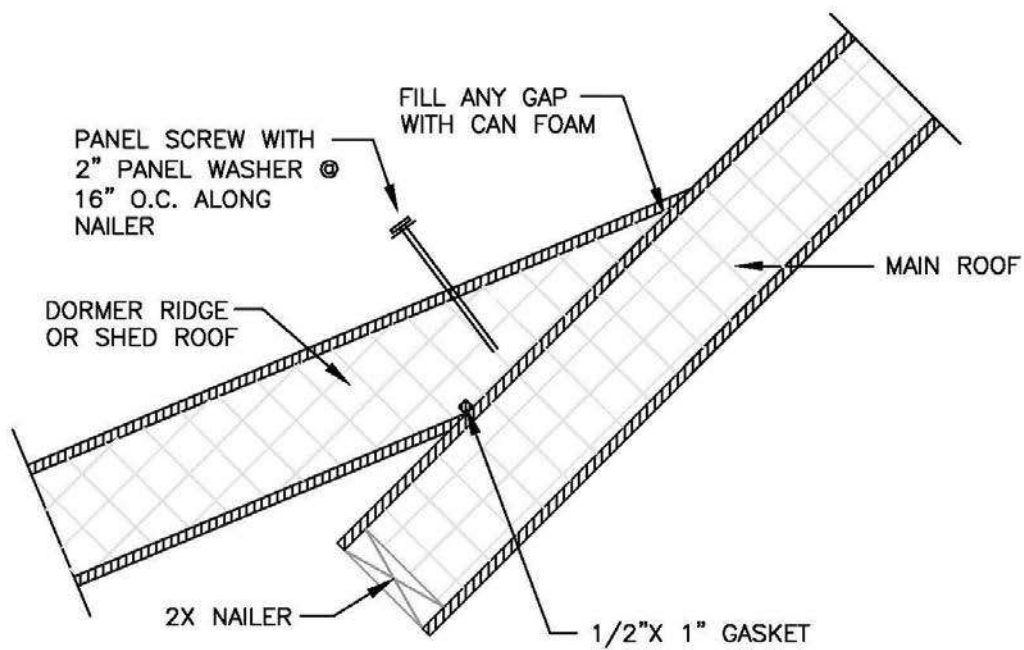
S-12

WALL TO ROOF CONNECTION, EAVE



DORMER/SHED ROOF OVERLAP

NOTE:
BE SURE ALL PANEL SCREWS PENETRATE NAILERS

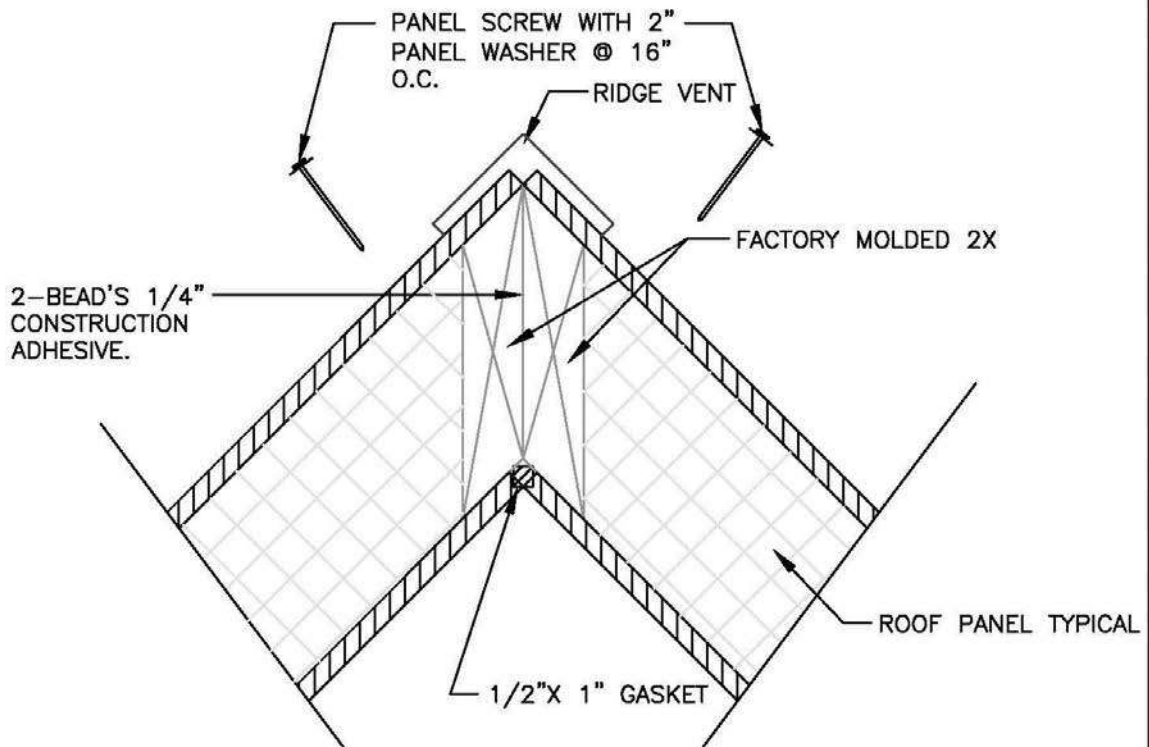




TYPICAL STRUCTURAL DETAILS

S-14

RIDGE (LESS THAN 12/12 ROOF SLOPE)



*RIDGE BEAM REQUIRED PER ENGINEERS SPECIFICATIONS, BY OTHERS

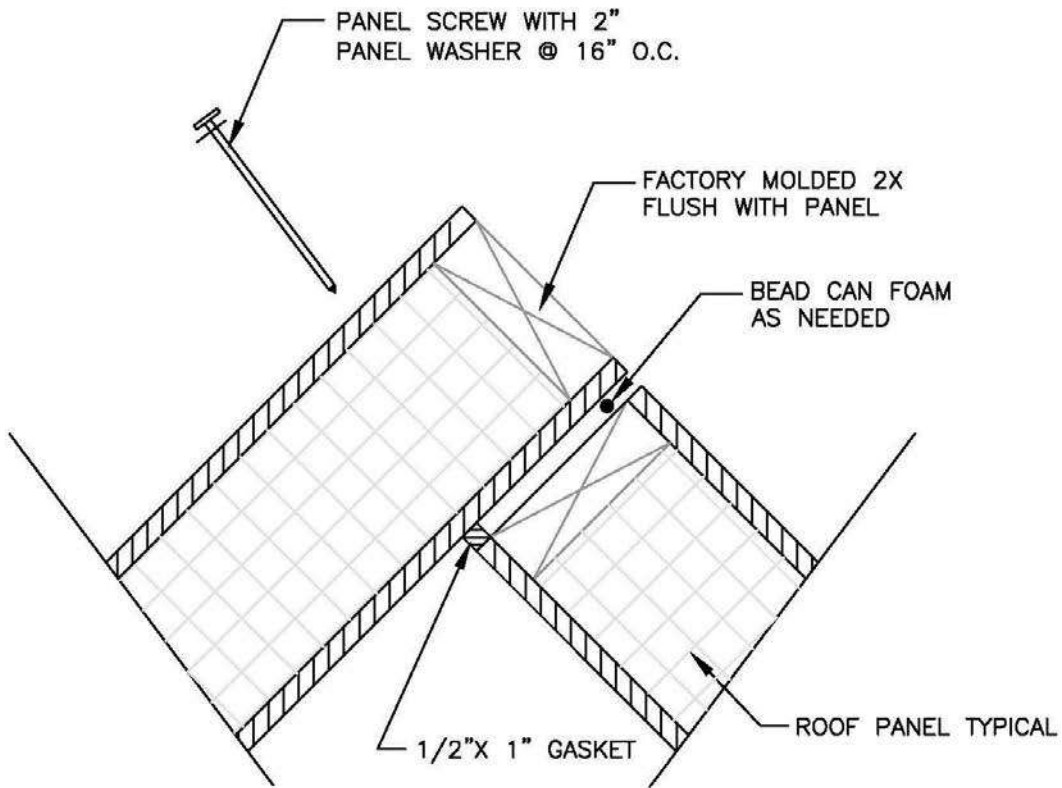
<12/12 PITCH

NOTE:

STRUCTURAL SUPPORT MEMBERS MAX. OF 6'-0" FROM CENTER OF RIDGE SUPPORT MEMBERS RUN PARALLEL TO RIDGE.



RIDGE (12/12 ROOF SLOPE)



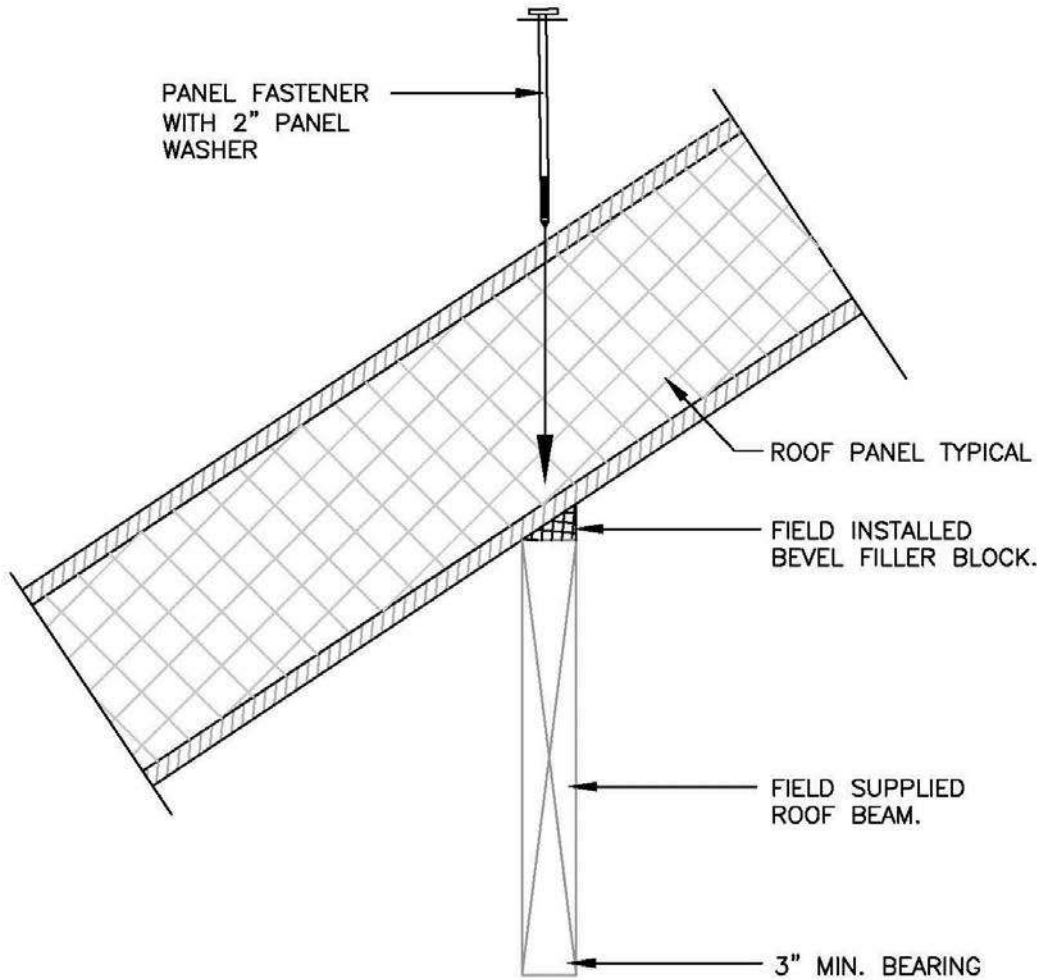
*RIDGE BEAM REQUIRED PER
ENGINEERS SPECIFICATIONS,
BY OTHERS

12/12 PITCH

NOTE:

STRUCTURAL SUPPORT MEMBERS MAX. OF 6'-0'
FROM CENTER OF RIDGE SUPPORT MEMBERS RUN
PARALLEL TO RIDGE.

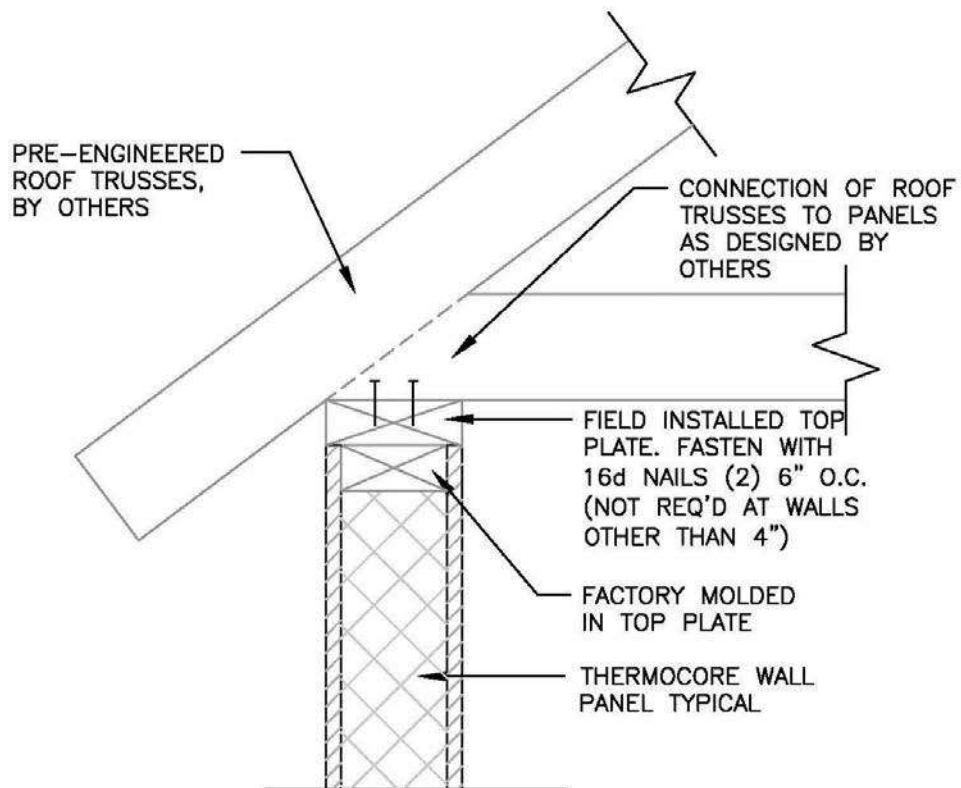
MID SPAN ROOF FASTENING



NOTE:
PANEL MUST BARE 3" MIN. ON
SUPPORT BEAM.

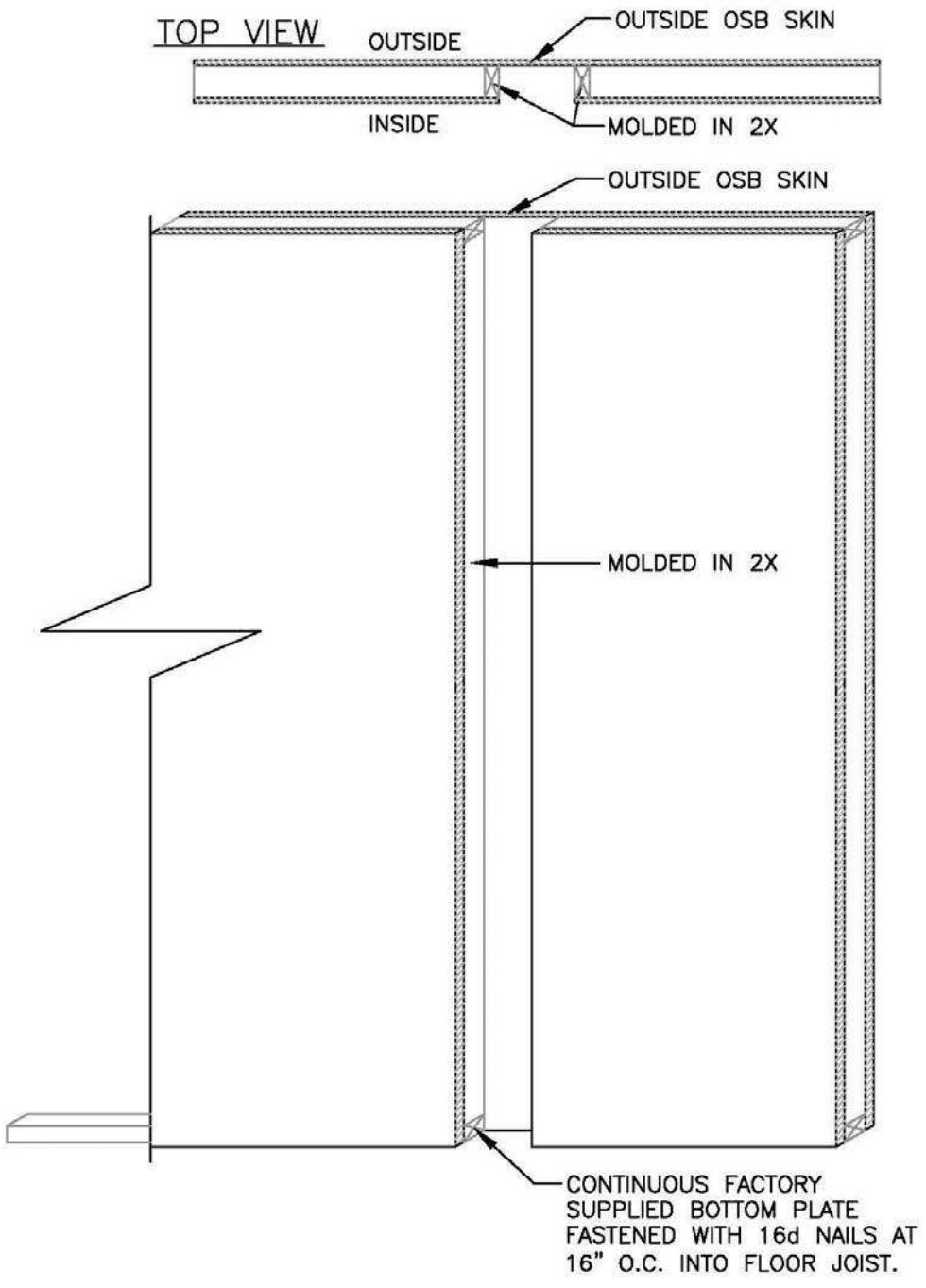


WALL AT ROOF TRUSS





POST POCKET IN PANEL

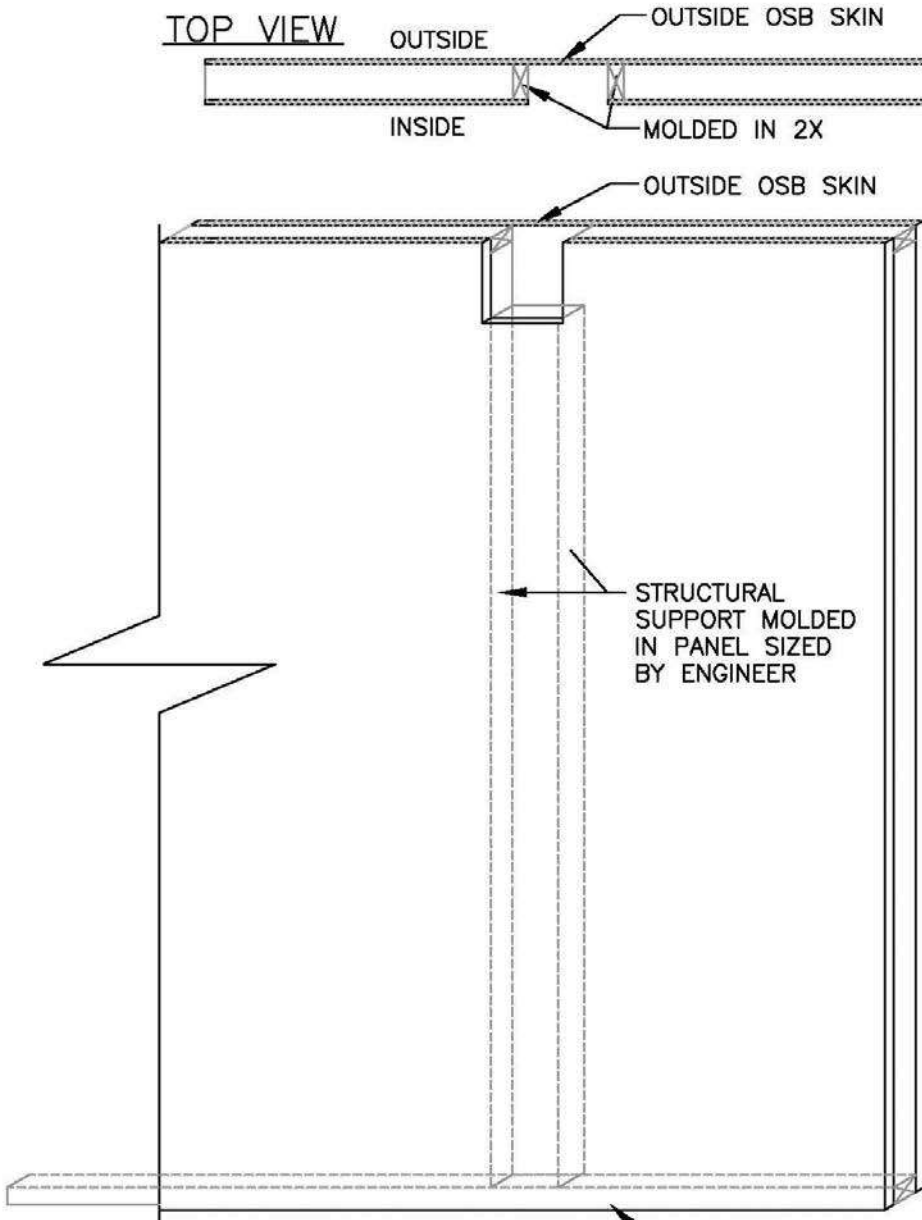




TYPICAL STRUCTURAL DETAILS

S-19

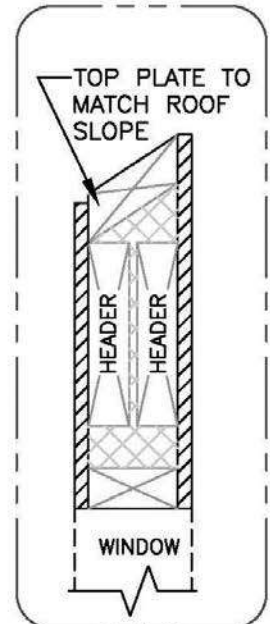
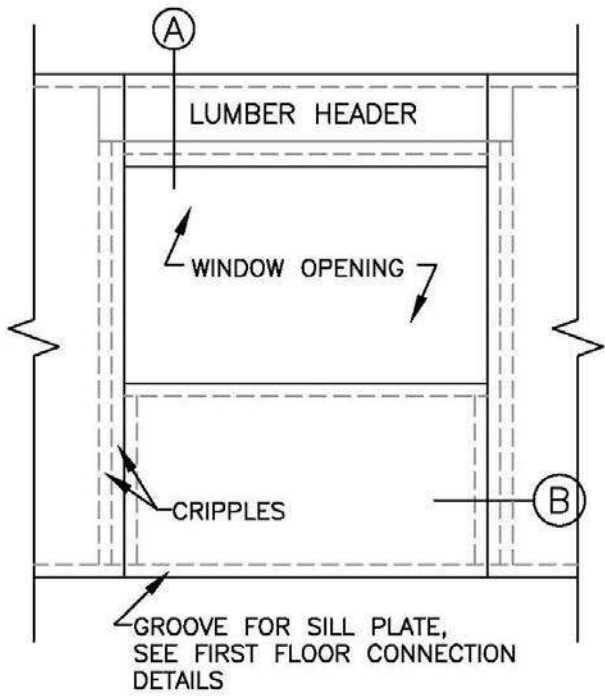
BEAM POCKET WITH SUPPORT IN PANEL



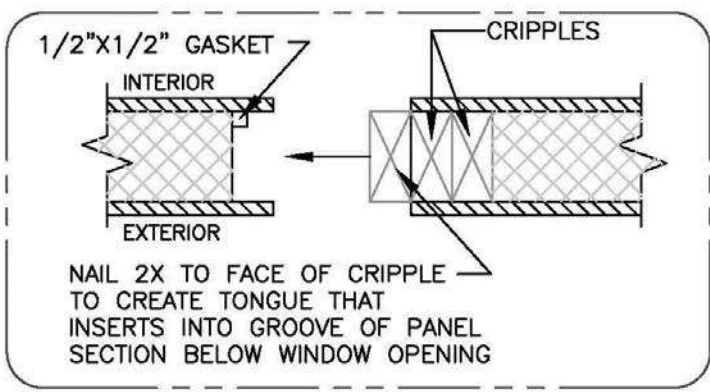
NOTE:
BEAMS MAY PASS THROUGH PANEL.
BEAM SIZE AND FASTENING TO BE
DETERMINED BY OTHERS

CONTINUOUS FACTORY
SUPPLIED BOTTOM PLATE
FASTENED WITH 16d NAILS AT
16" O.C. INTO FLOOR JOIST.

OPENING WITH HEADER

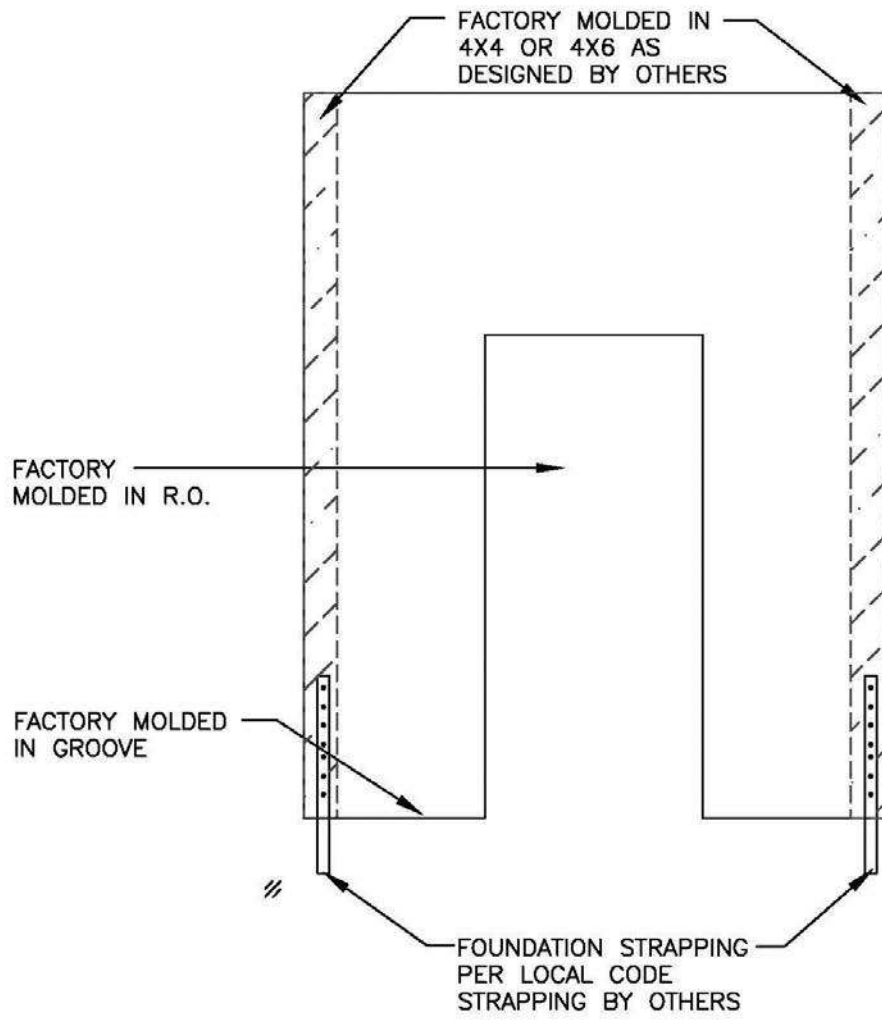


DETAIL A



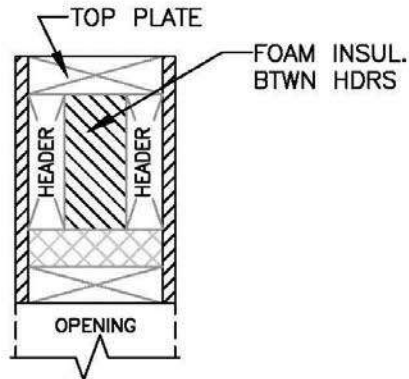
DETAIL B

SHEAR WALL



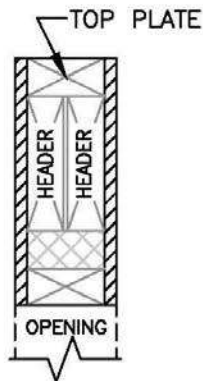
NOTE:
~ATTACHED TO FOUNDATION PER LOCAL CODE.
~SHEAR WALLS ARE DESIGNED AND LOCATED BY OTHERS

TYPICAL HEADER DETAIL



TYP. HEADER DET.

© 6 1/2" WALL



TYP. HEADER DET.

© 4" WALL

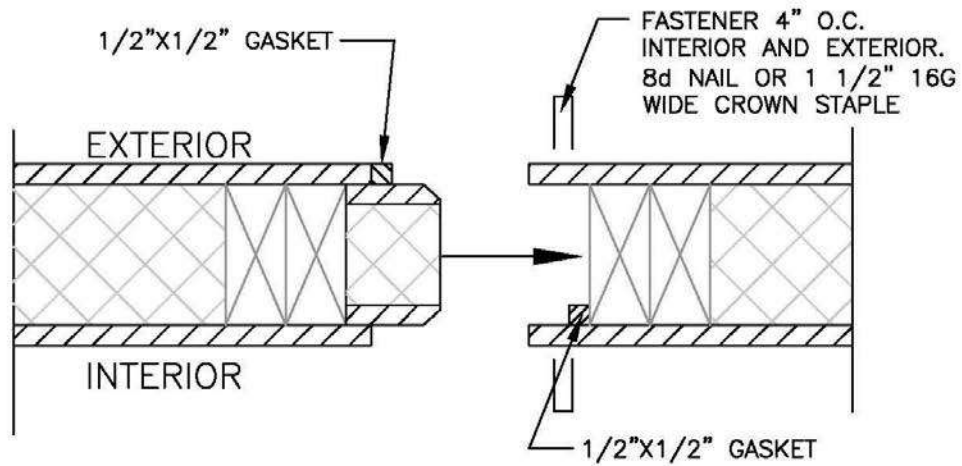


TYPICAL DETAILS

S-23

ROOF PANEL TO PANEL CONNECTION

2X TONGUE



END VIEW
(TYPICAL STRUCTURAL & TIMBER)

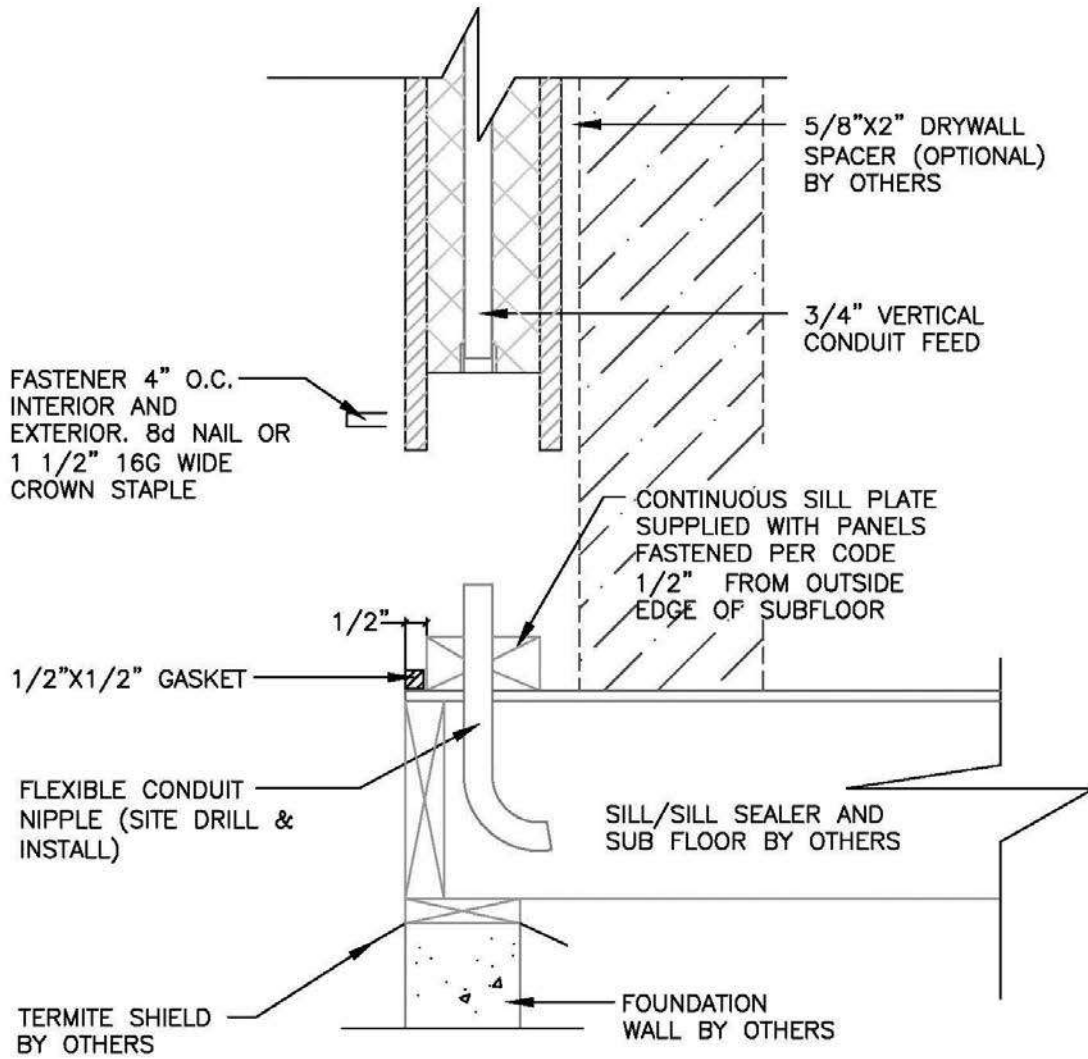


TYPICAL TIMBERFRAME DETAILS

T-1

FIRST FLOOR CONNECTION

FLOOR DECK MOUNT



NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.



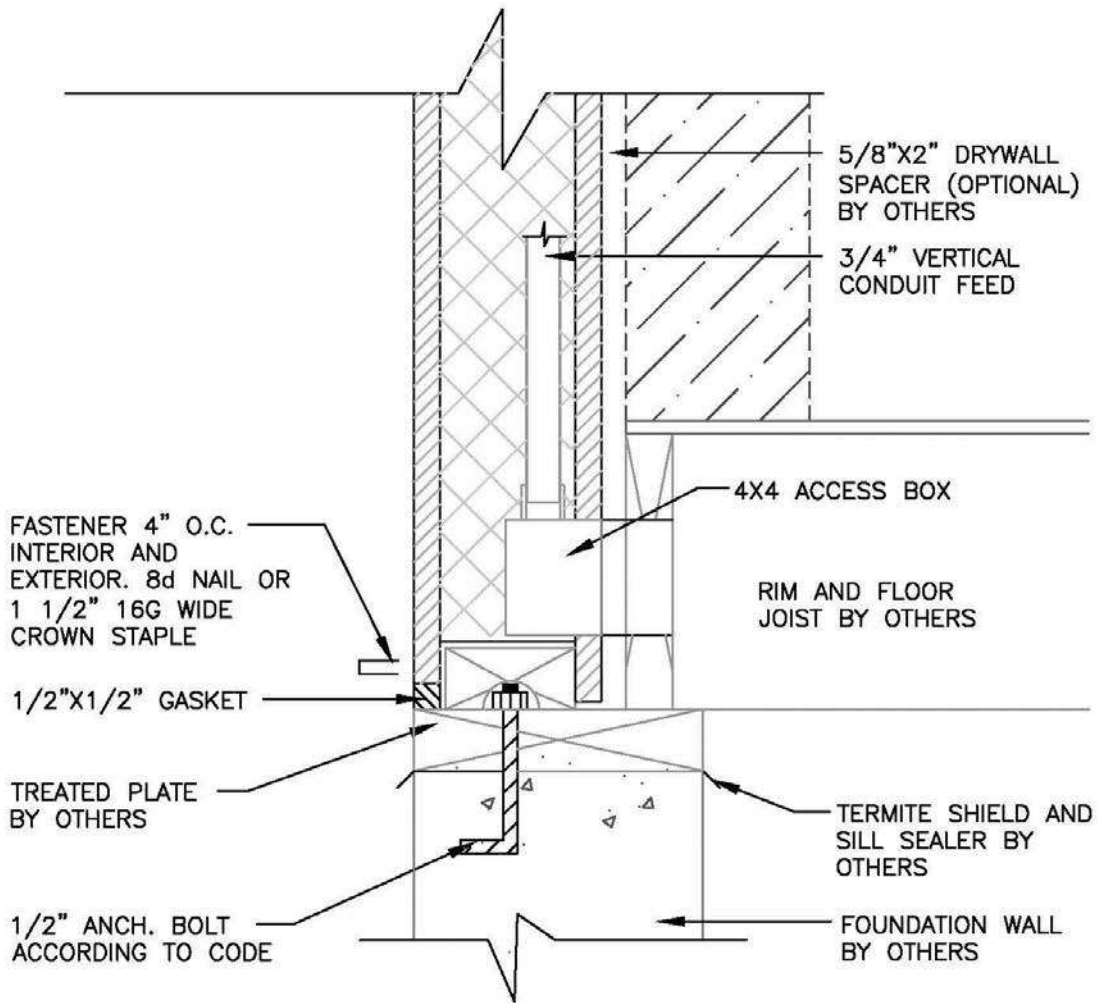
TYPICAL TIMBERFRAME DETAILS

T-2

FIRST FLOOR CONNECTION

SIDE MOUNT, (WRAP FLOOR)

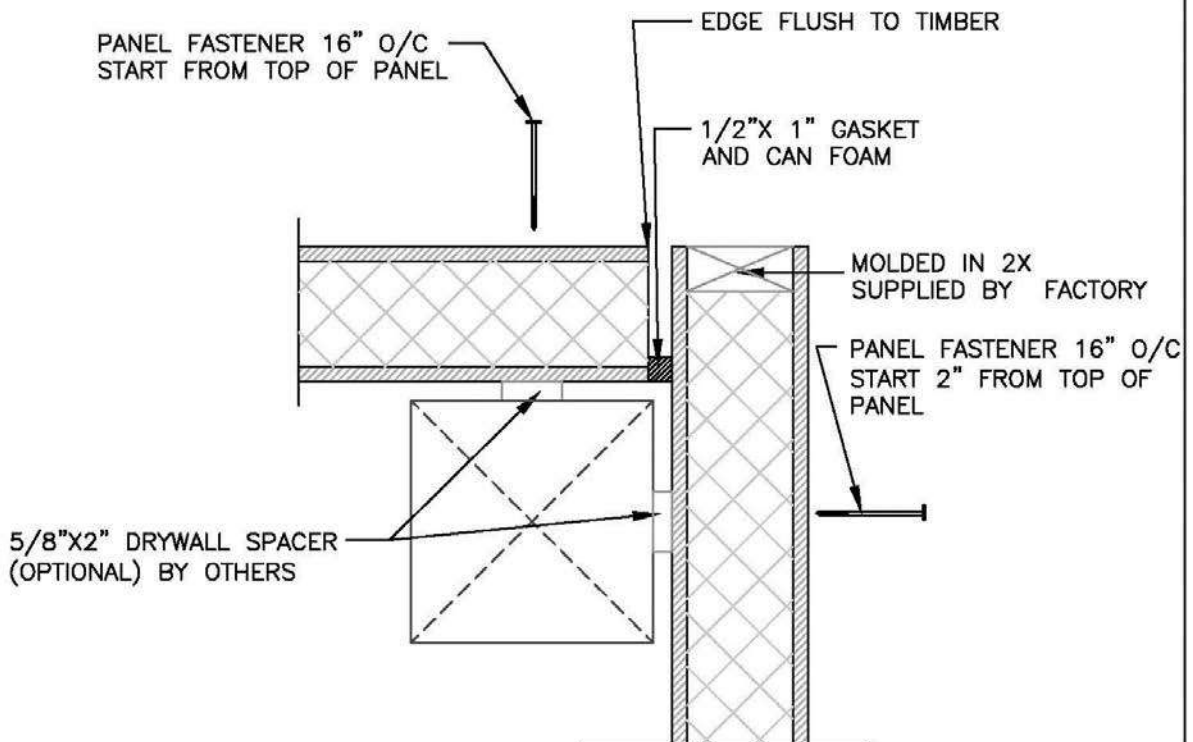
NOTE:
DRILL THROUGH BAND JOIST TO
ACCESS ELECTRICAL BOX



NOTE:
TREAT SILL AND FOUNDATION WITH
INSECTICIDE.



WALL CORNER CONNECTIONS



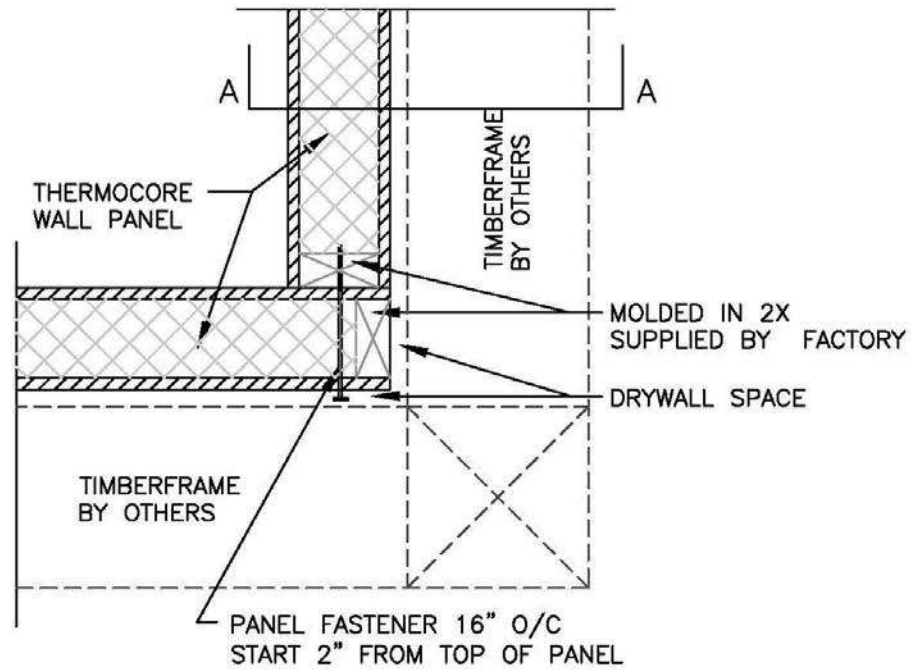
NOTE:
PANEL FASTENER SHOULD
PENETRATE THROUGH SPACER



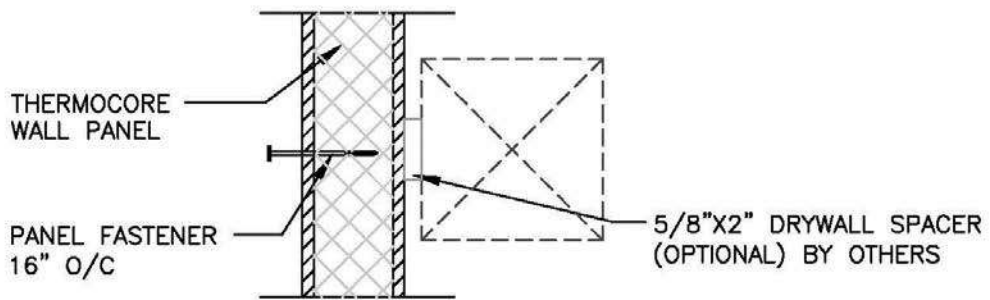
TYPICAL TIMBERFRAME DETAILS

T-4

INSIDE WALL CORNER CONNECTION



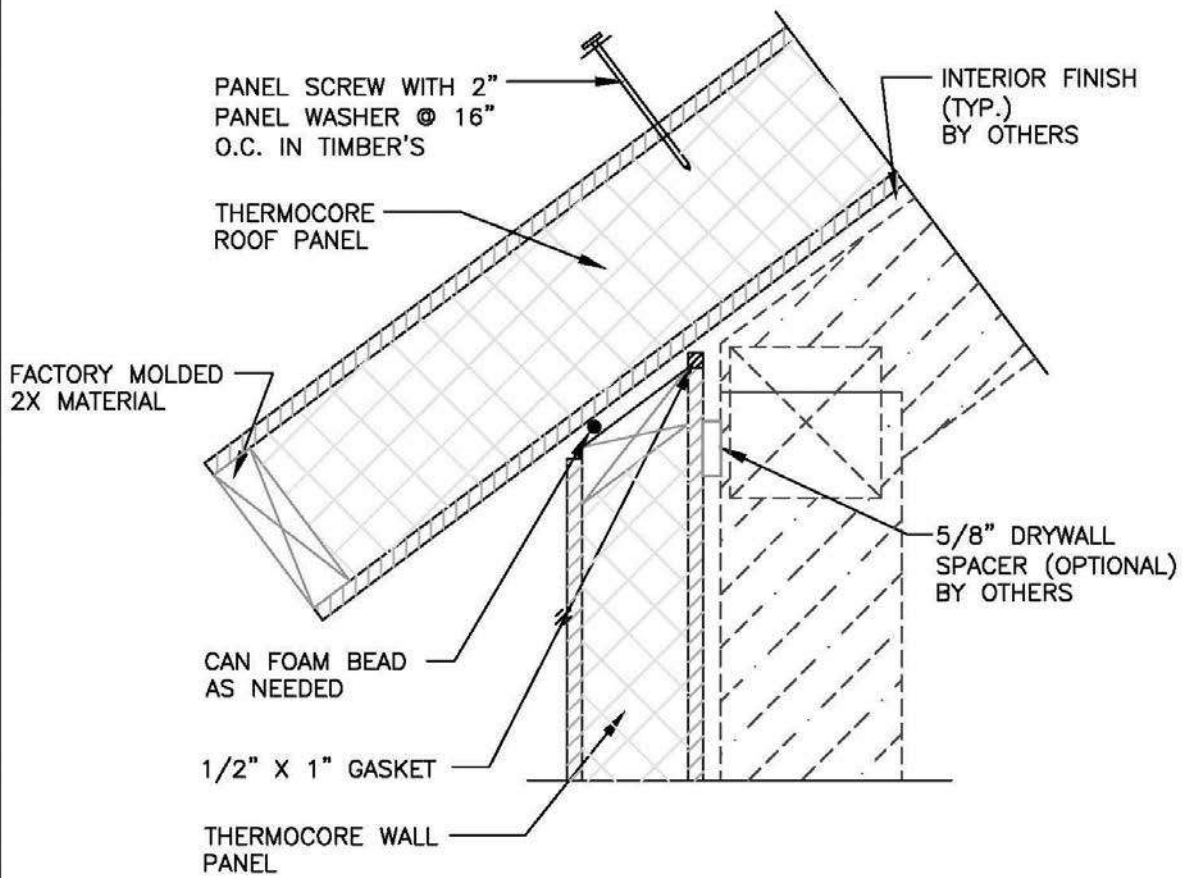
PLAN VIEW AT INSIDE CORNER



SECTION VIEW A



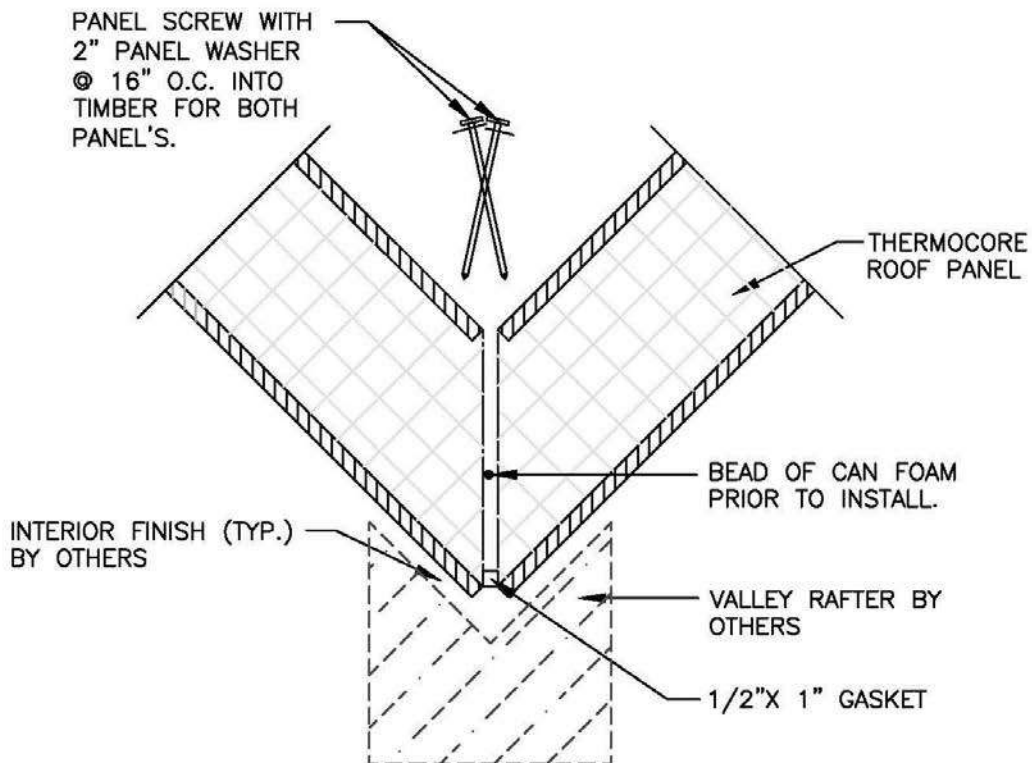
WALL TO ROOF CONNECTION



NOTE:
FOR PANEL'S OVER 2X INTERIOR FINISH
MATERIAL USE 10" PANEL SCREW



VALLEY CONDITION



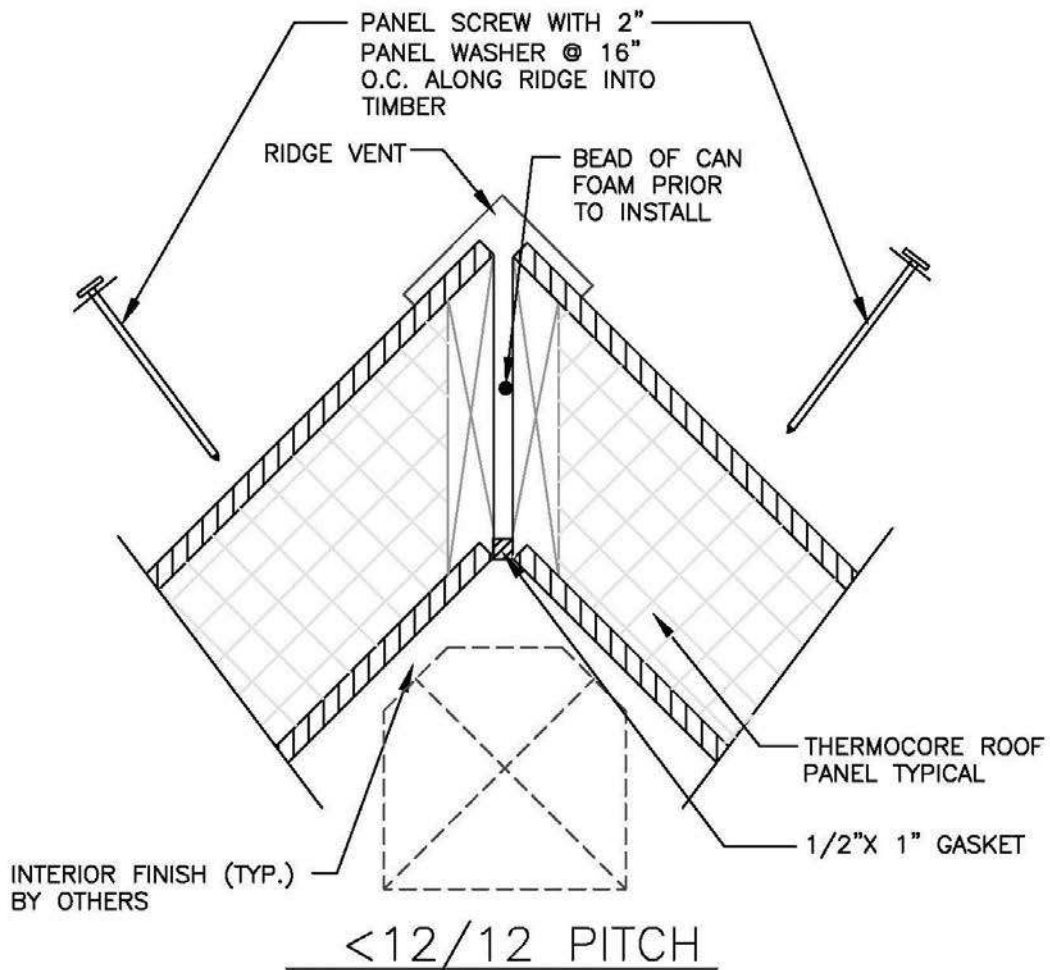
NOTE:
FOR PANEL'S OVER 2X INTERIOR FINISH
MATERIAL USE 10" PANEL SCREW



TYPICAL TIMBERFRAME DETAILS

T-7

RIDGE (LESS THAN 12/12 ROOF SLOPE)



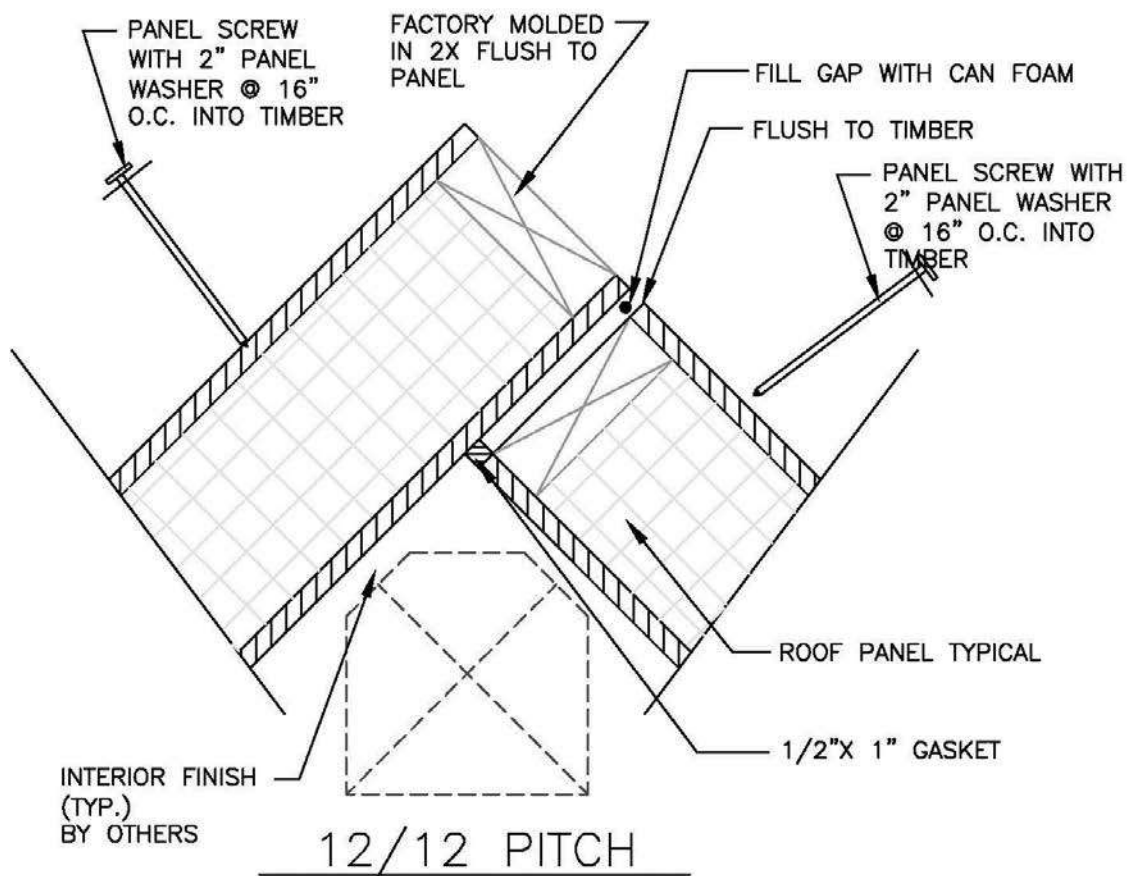
NOTE:
FOR PANEL'S OVER 2X INTERIOR FINISH
MATERIAL USE 10" PANEL SCREW



TYPICAL TIMBERFRAME DETAILS

T-8

RIDGE (12/12 ROOF SLOPE)



NOTE:
NOTIFY THERMOCORE FOR PANEL'S OVER 2X INTERIOR FINISH MATERIAL, A LONGER PANEL SCREW IS REQ'D

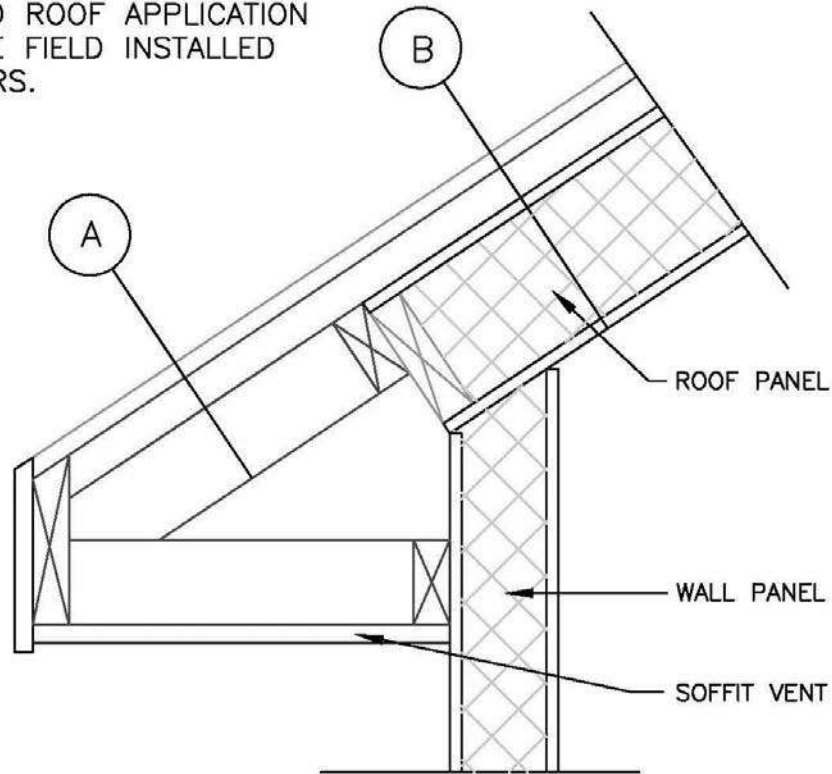


TYPICAL ROOF DETAILS

R-1

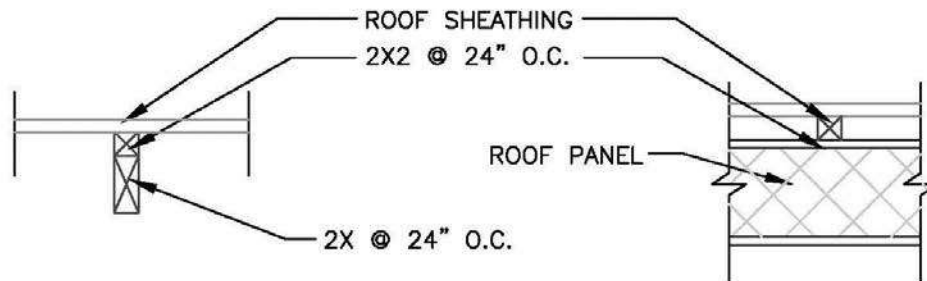
COLD ROOF EAVE WITH 2X SLEEPERS

NOTE:
ALL COLD ROOF APPLICATION
SHALL BE FIELD INSTALLED
BY OTHERS.



SECTION A

SECTION B

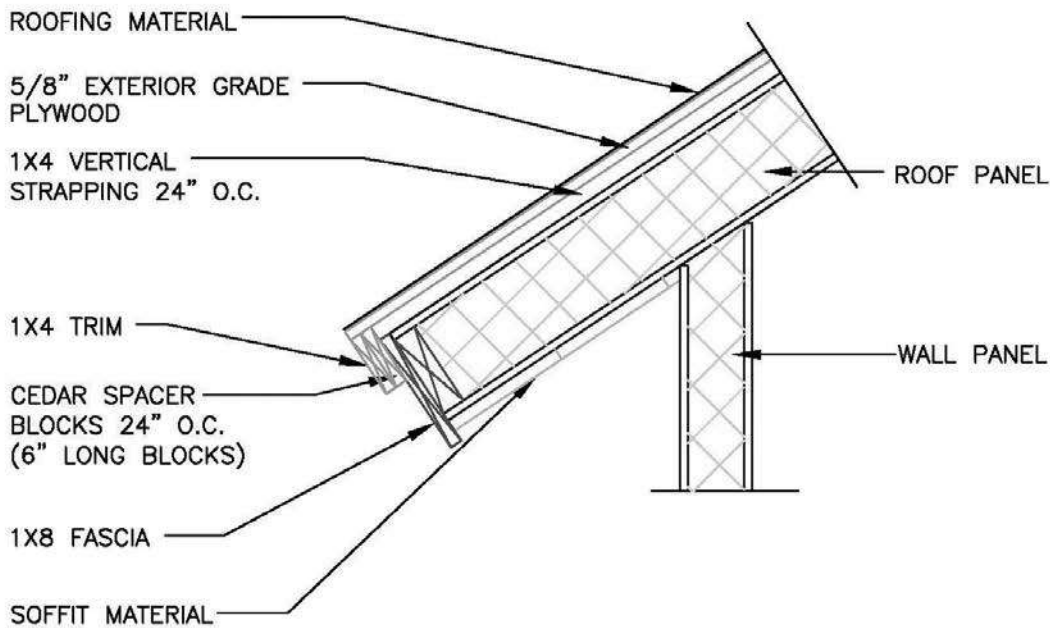
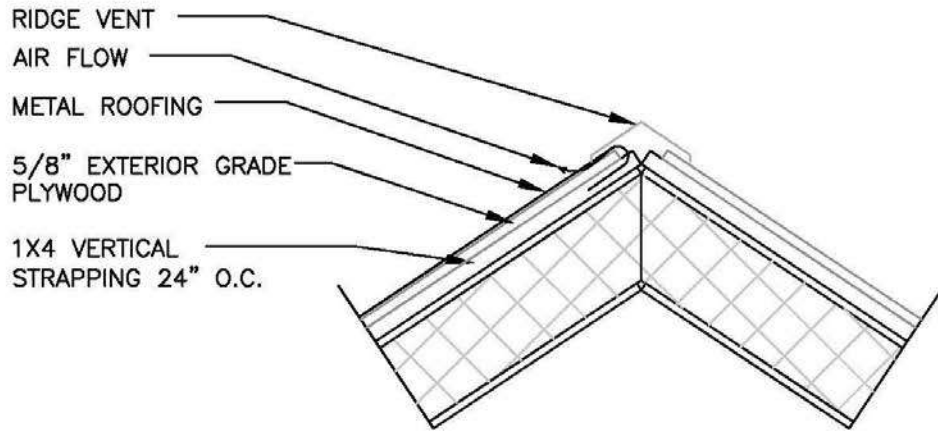




TYPICAL ROOF DETAILS

R-2

COLD ROOF DETAIL, SQUARE EAVE



FACTORY SQUARE 2X EAVE

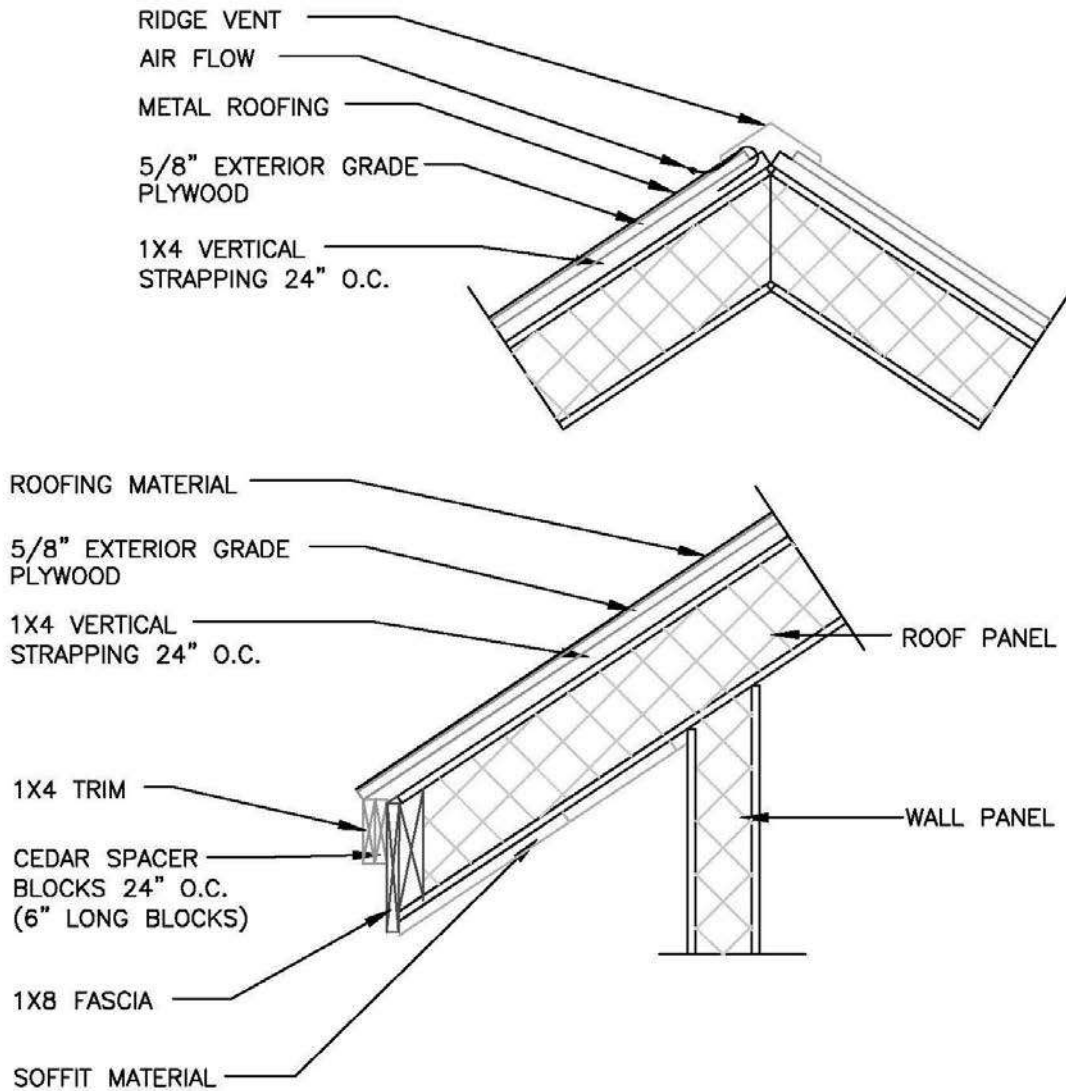
NOTE:
ALL COLD ROOF APPLICATION SHALL BE FIELD INSTALLED BY OTHERS.



TYPICAL ROOF DETAILS

R-3

COLD ROOF DETAIL, PLUMB EAVE

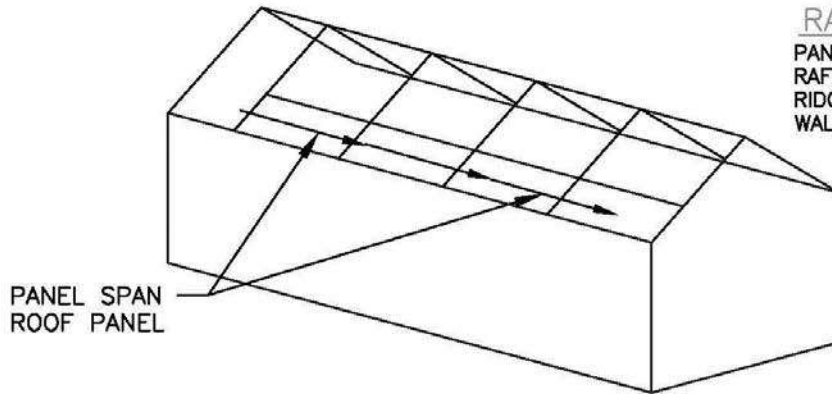


FACTORY PLUMB EAVE

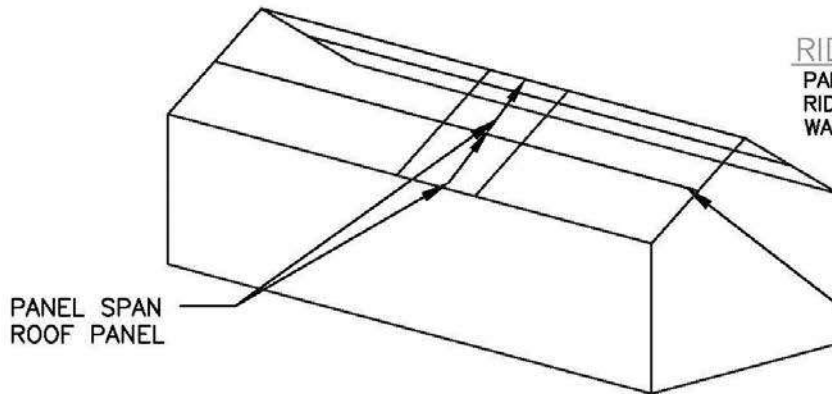
NOTE:
ALL COLD ROOF APPLICATION SHALL BE FIELD INSTALLED BY OTHERS.



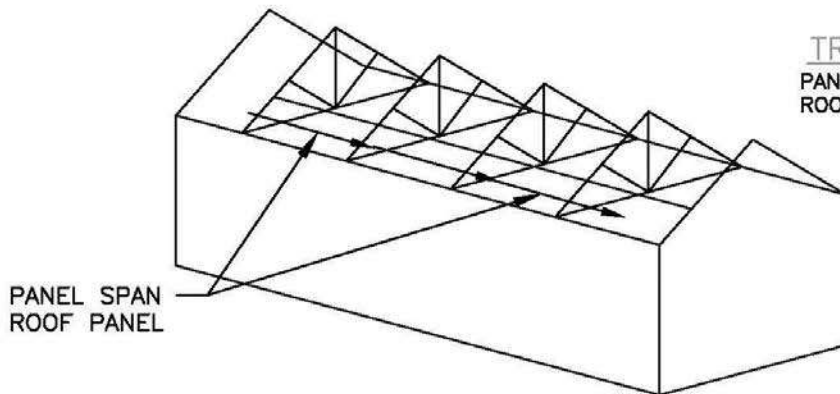
VARIOUS FRAMING OPTIONS



RAFTER SYSTEM
PANELS SUPPORTED BY
RAFTERS SPANNING FROM THE
RIDGE BEAM TO THE EAVE
WALLS.



RIDGE BEAM SYSTEM
PANELS SUPPORTED BY THE
RIDGE BEAM AND THE EAVE
WALLS.



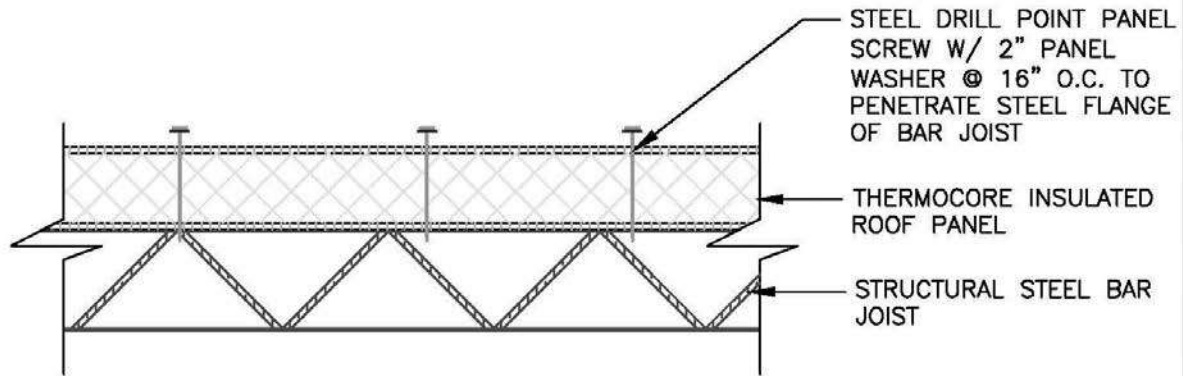
TRUSS SYSTEM
PANELS SUPPORTED BY
ROOF TRUSSES



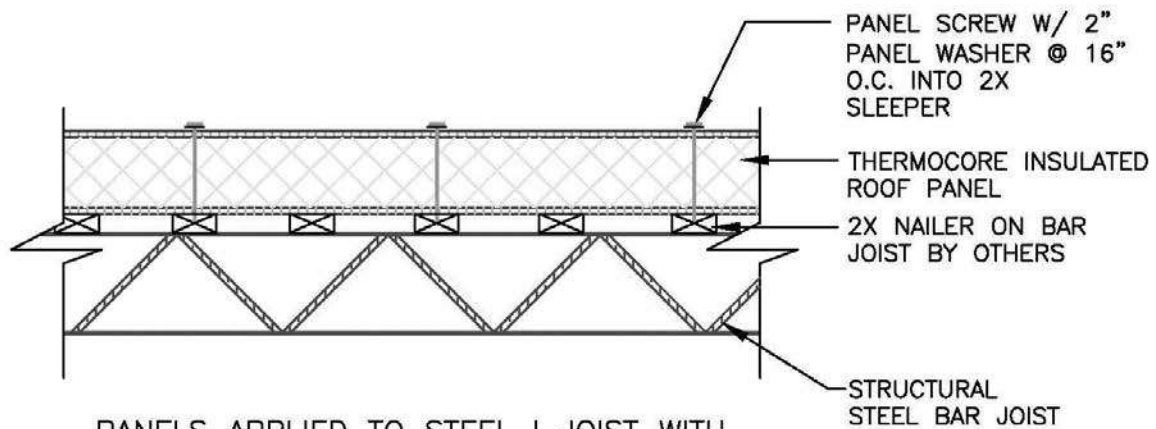
TYPICAL STEEL DETAILS

COM-1

PANEL CONNECTION TO STEEL I JOIST



PANELS APPLIED TO STEEL I JOIST WITH 3/16" THICK AND LESS STEEL FLANGE



PANELS APPLIED TO STEEL I JOIST WITH STEEL FLANGE GREATER THEN 3/16"

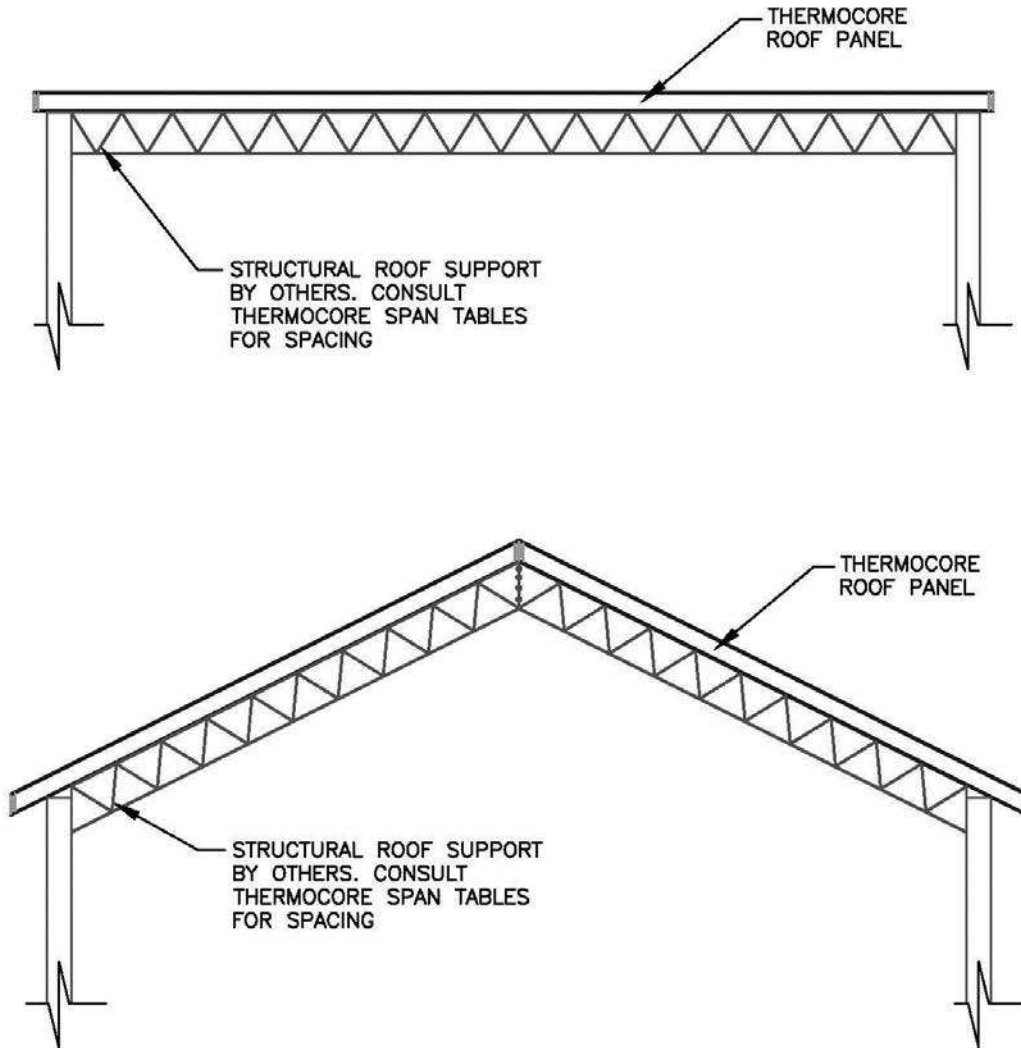


TYPICAL STEEL DETAILS

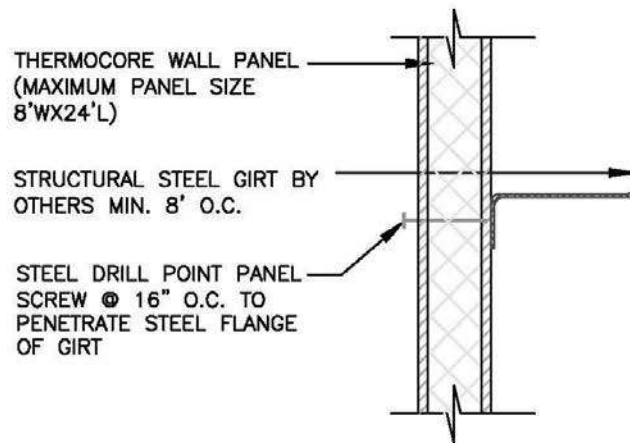
COM-2

PANEL CONNECTION TO STEEL I JOIST

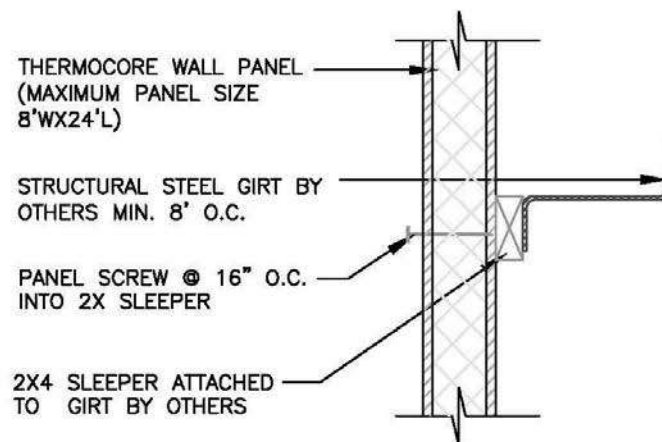
FLAT OR SLOPE ROOF OPTIONS



PANEL CONNECTION TO STEEL GIRT



* PANELS APPLIED TO STEEL GIRT WITH
3/16" THICK OR LESS STEEL FLANGE



* PANELS APPLIED TO STEEL GIRT WITH
STEEL FLANGE GREATER THAN 3/16"

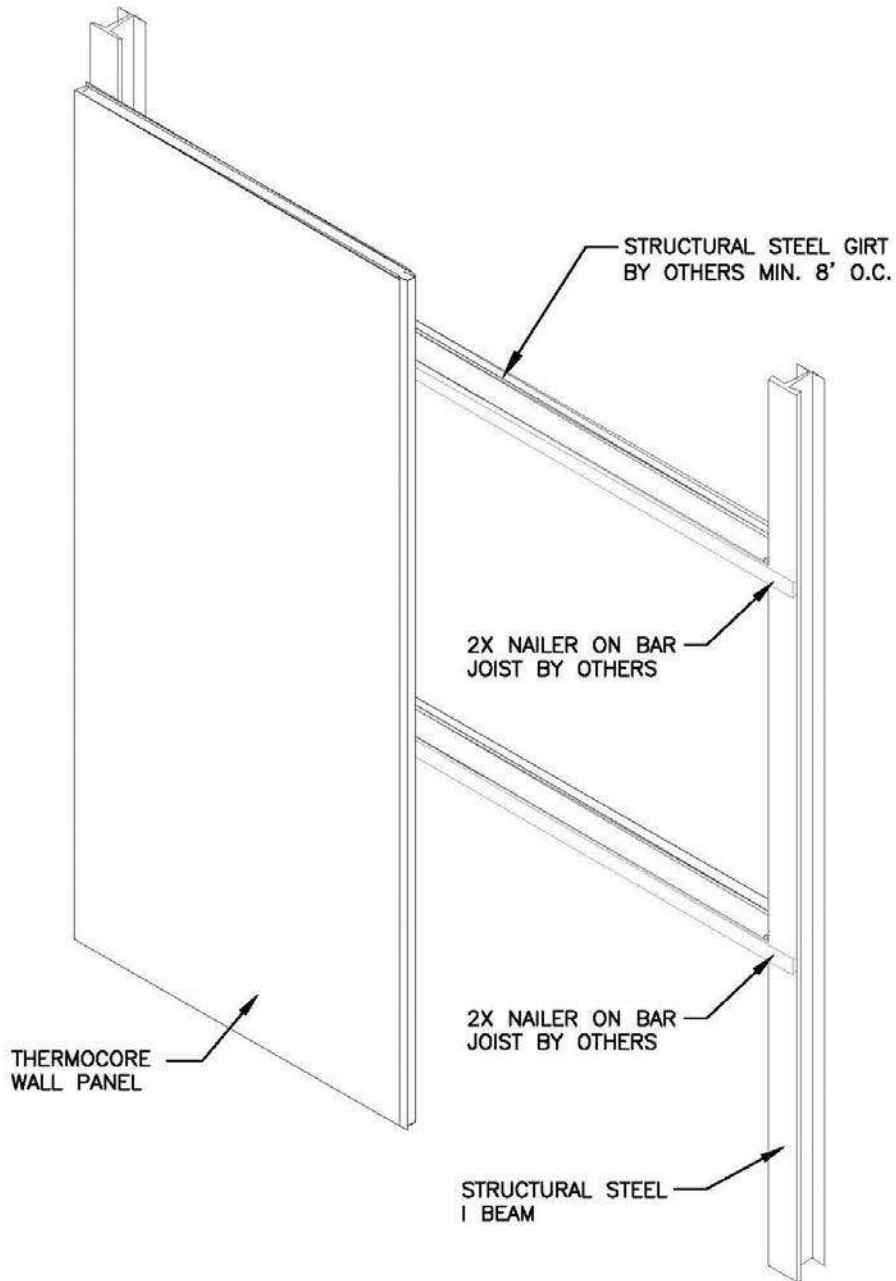


TYPICAL STEEL DETAILS

COM-4

PANEL CONNECTION TO STEEL

GIRT WITH 2X NAILER

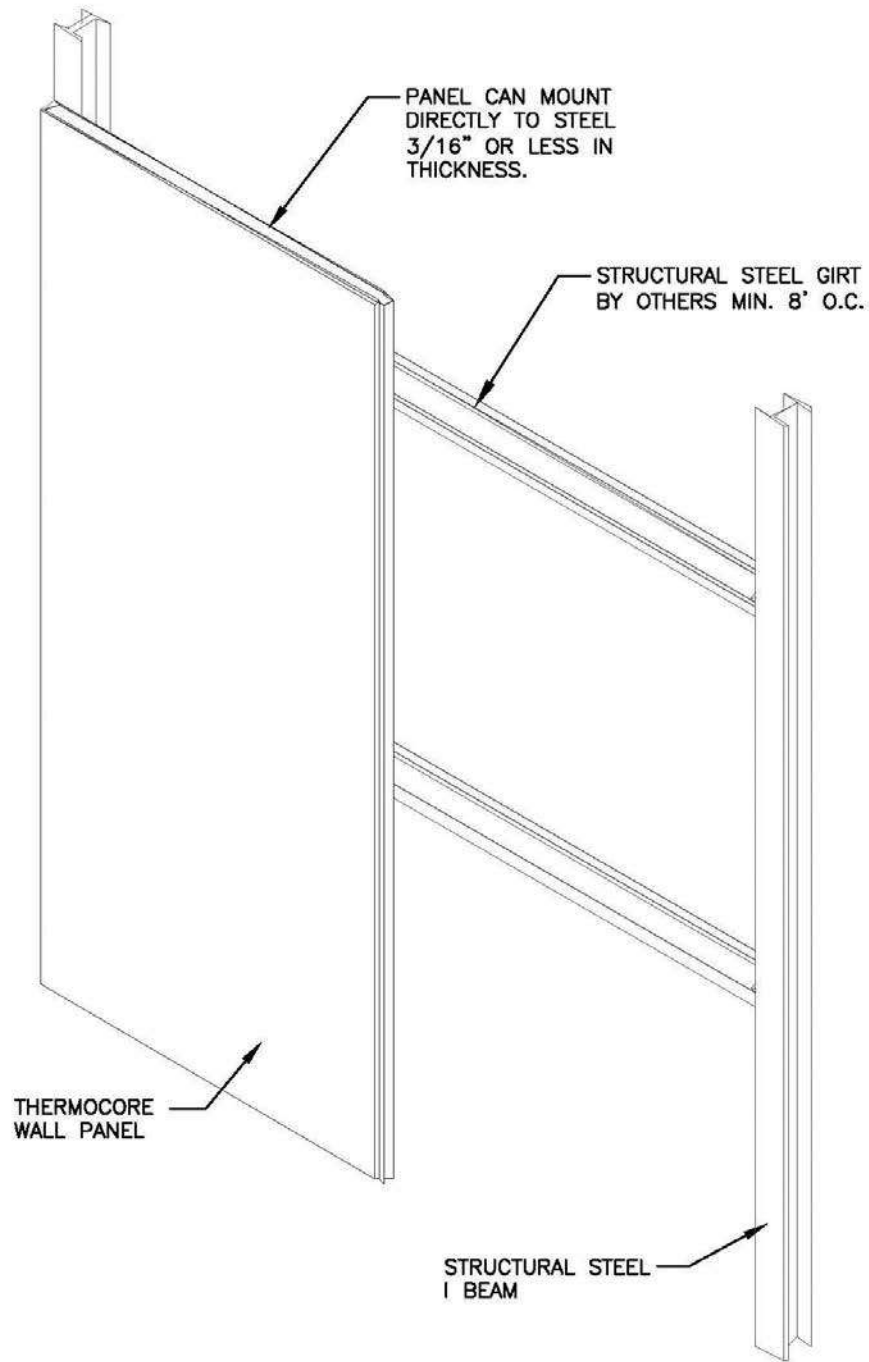




TYPICAL STEEL DETAILS

COM-5

PANEL FASTENED DIRECTLY TO STEEL GIRT



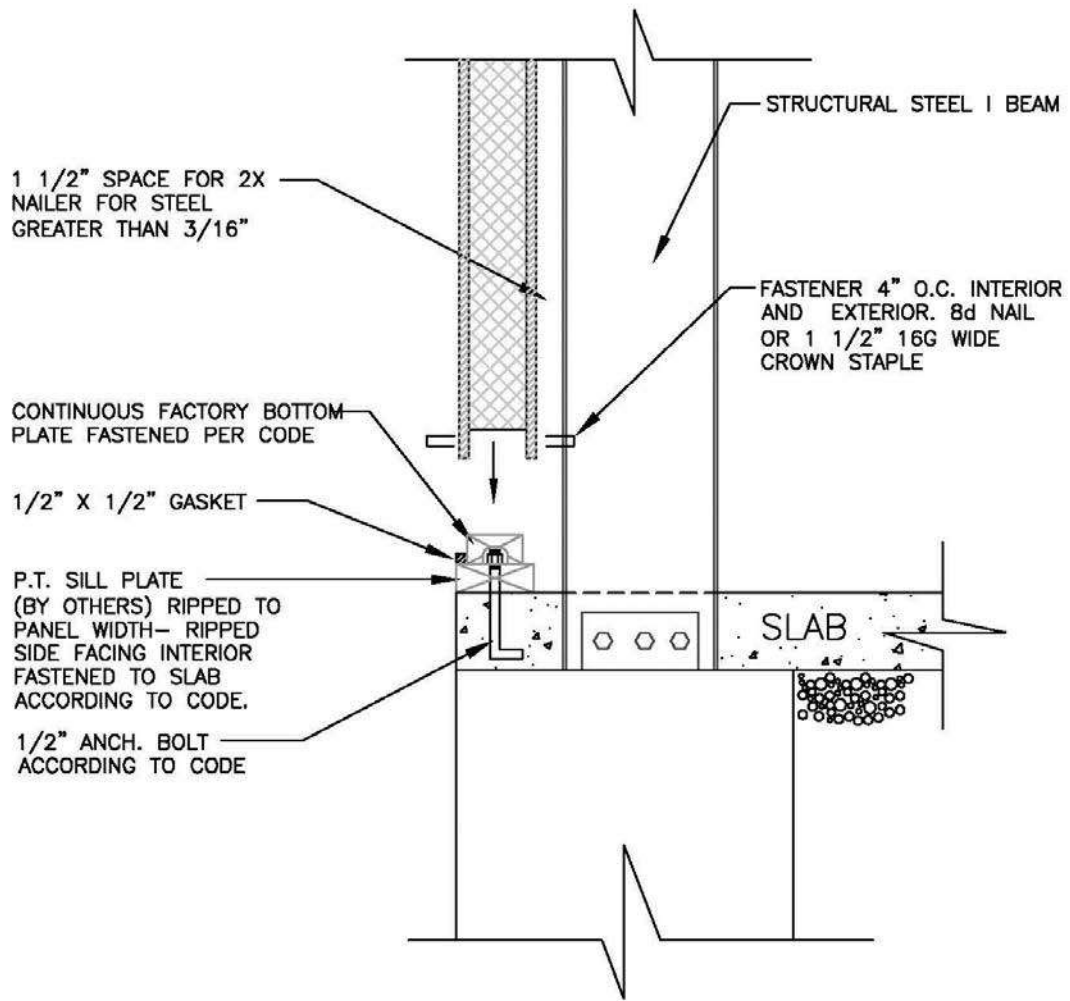


TYPICAL STEEL DETAILS

COM-6

PANEL CONNECTION TO SLAB

WITH 2X NAILERS



FOUNDATION DESIGN PER LOCAL CODE, BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.

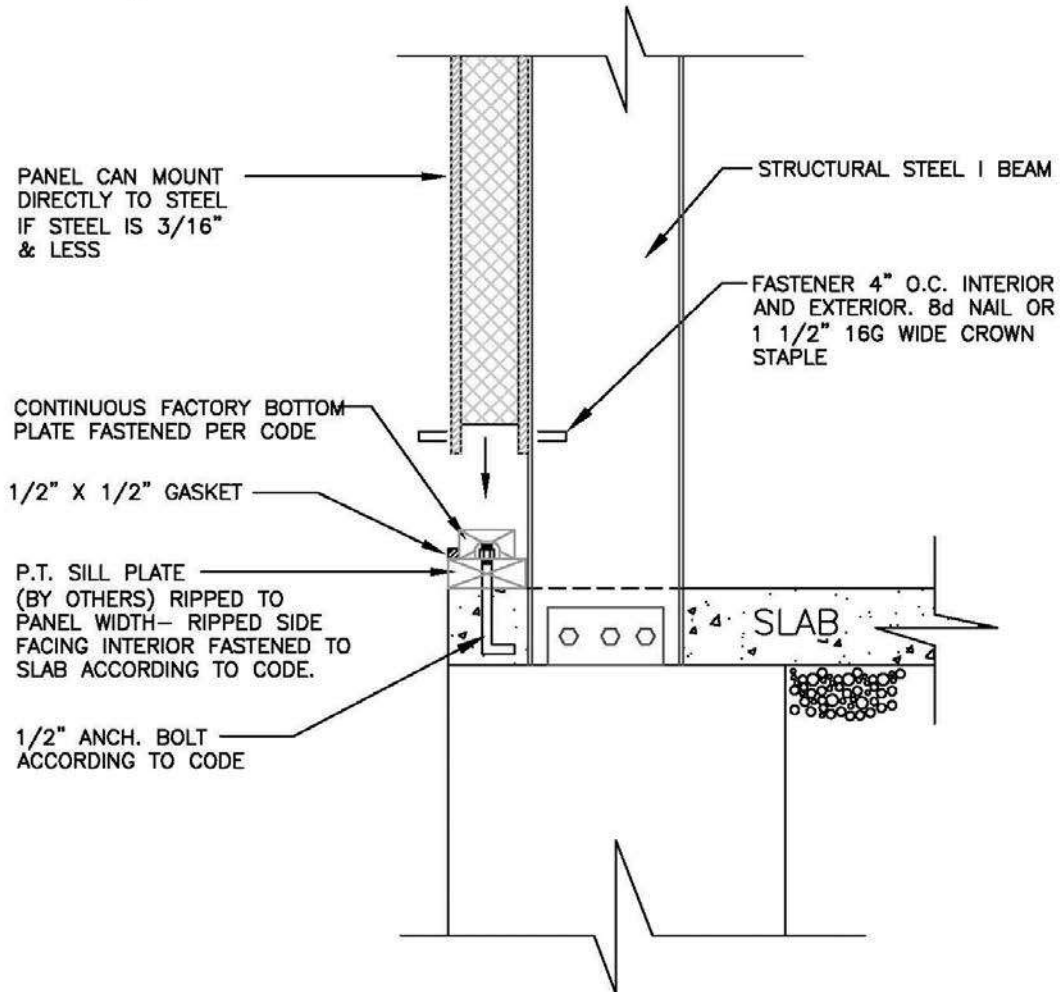


TYPICAL STEEL DETAILS

COM-7

PANEL CONNECTION TO SLAB

NO 2X NAILERS



FOUNDATION DESIGN PER LOCAL CODE, BY OTHERS

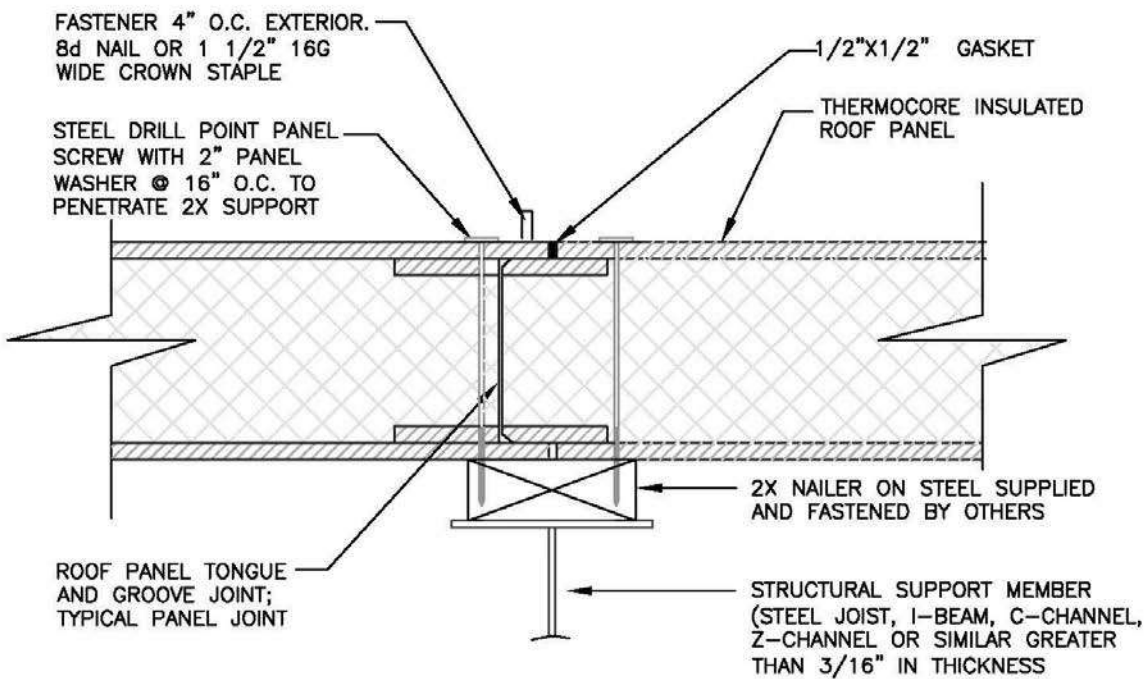
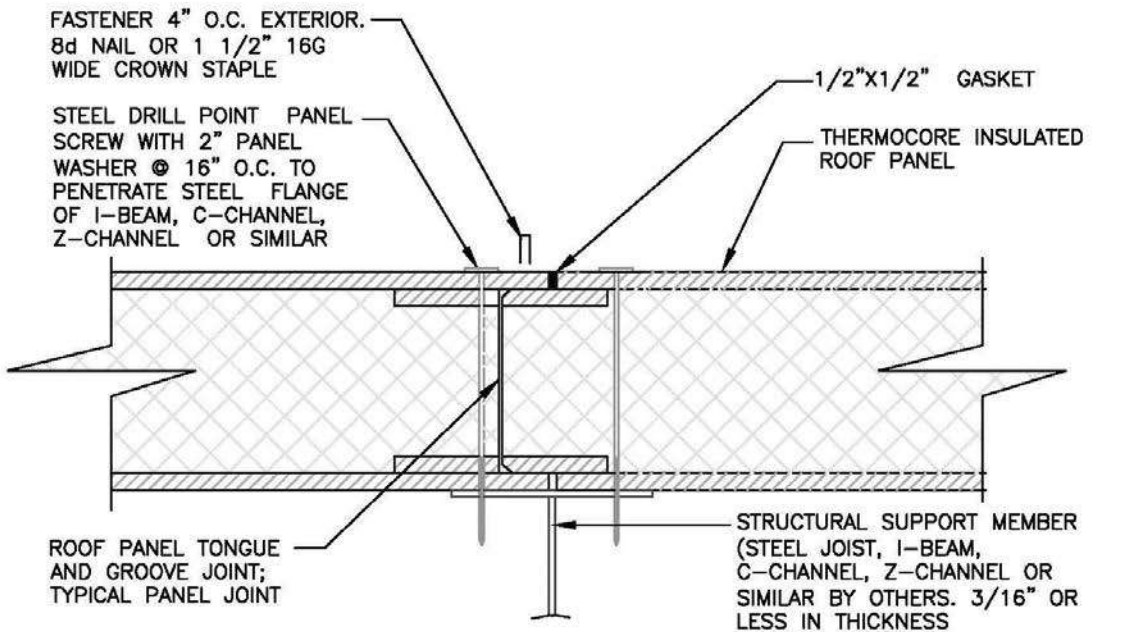
NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.



TYPICAL STEEL DETAILS

COM-8

JOINT CONNECTION AT STEEL SUPPORT



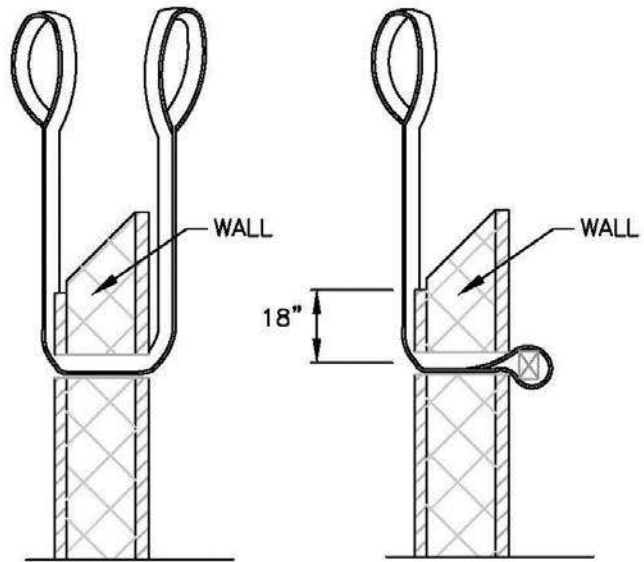
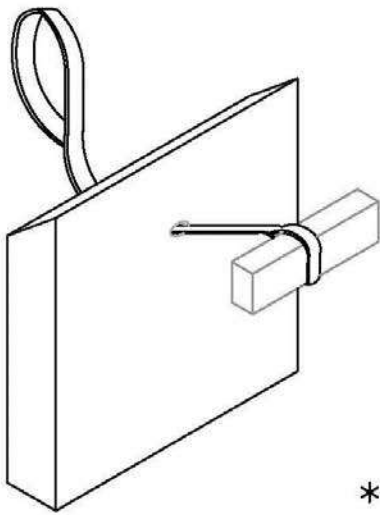


TYPICAL DETAILS

APPENDIX B-1 – PANEL RIGGING

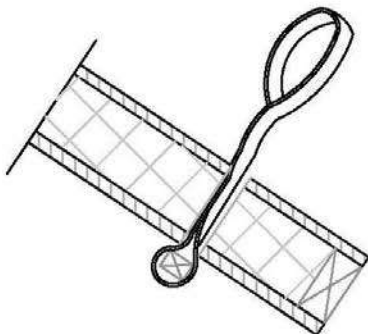
THROUGH HOLE METHOD

PINNED STRAP

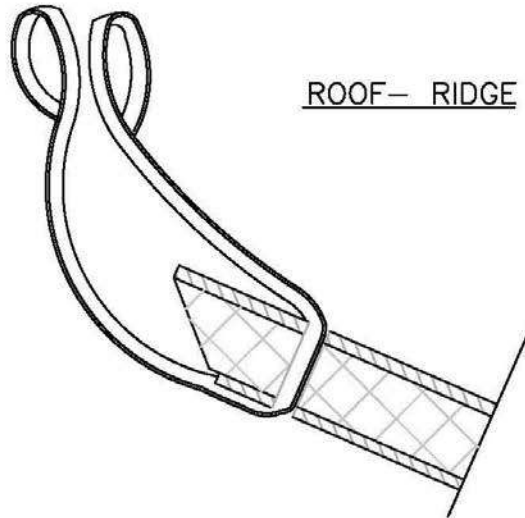


* ROOF

ROOF – EAVE OVERHANG



ROOF – RIDGE

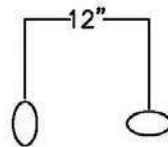
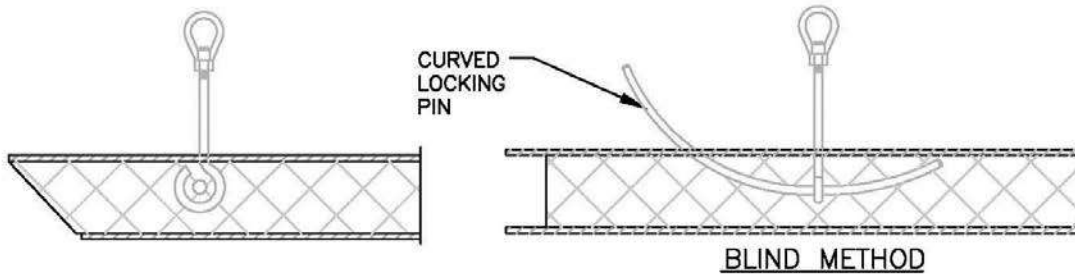
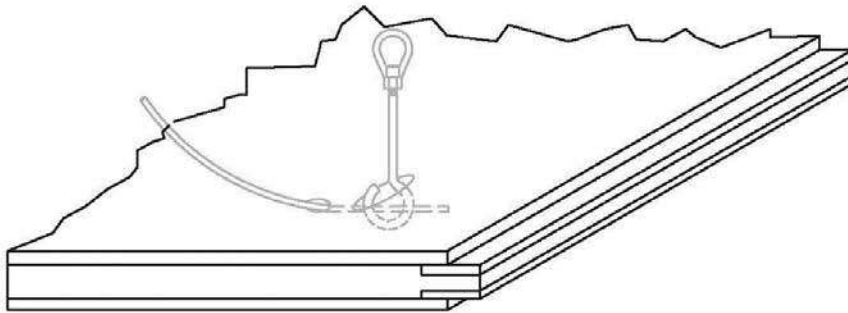




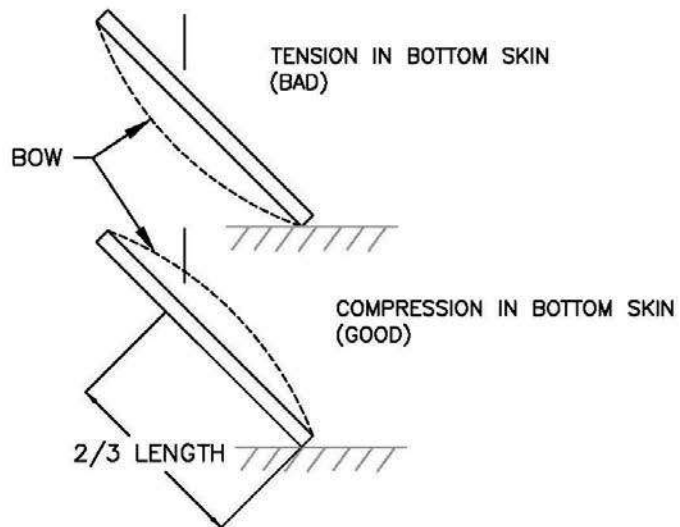
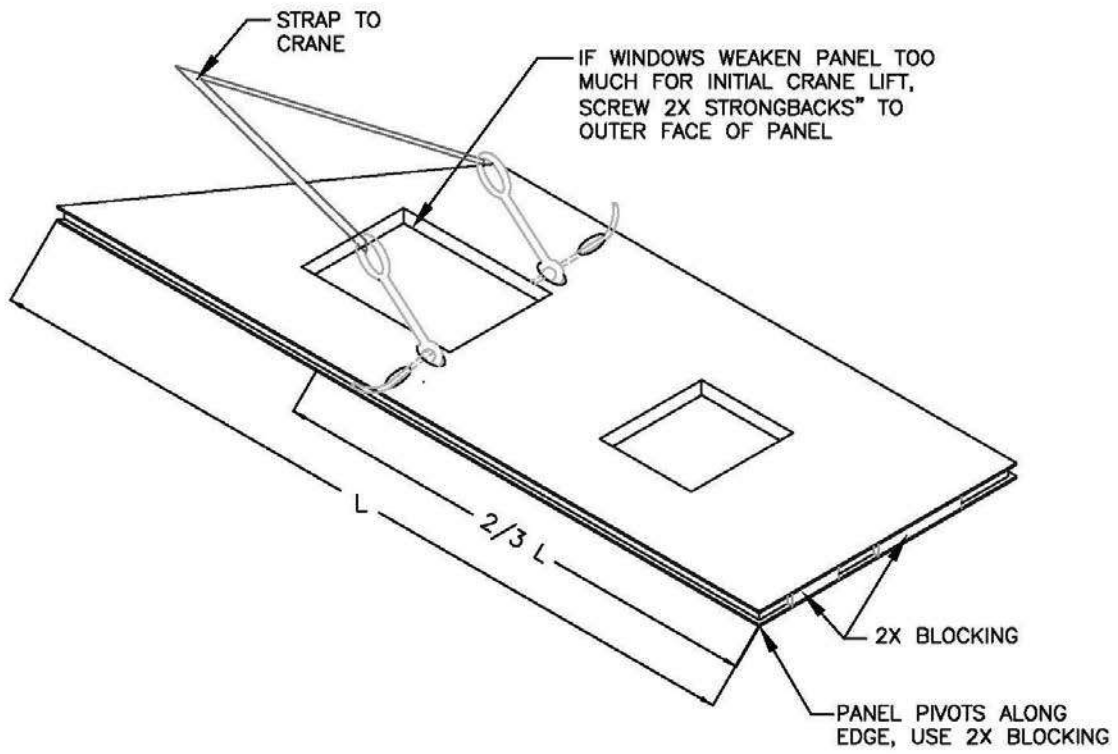
TYPICAL DETAILS

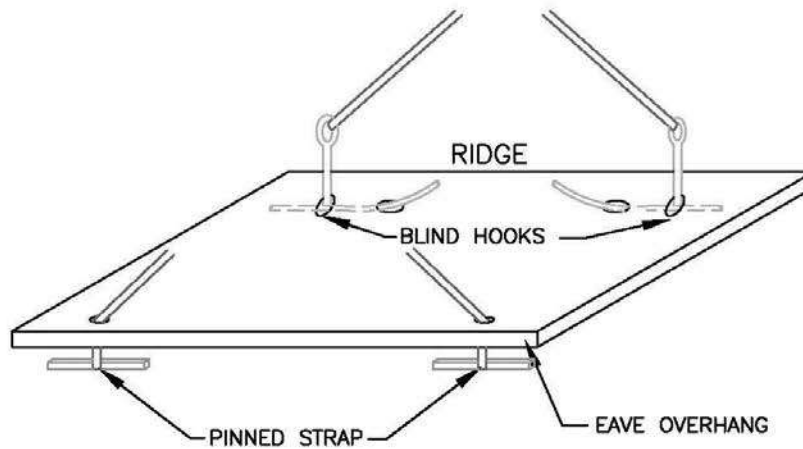
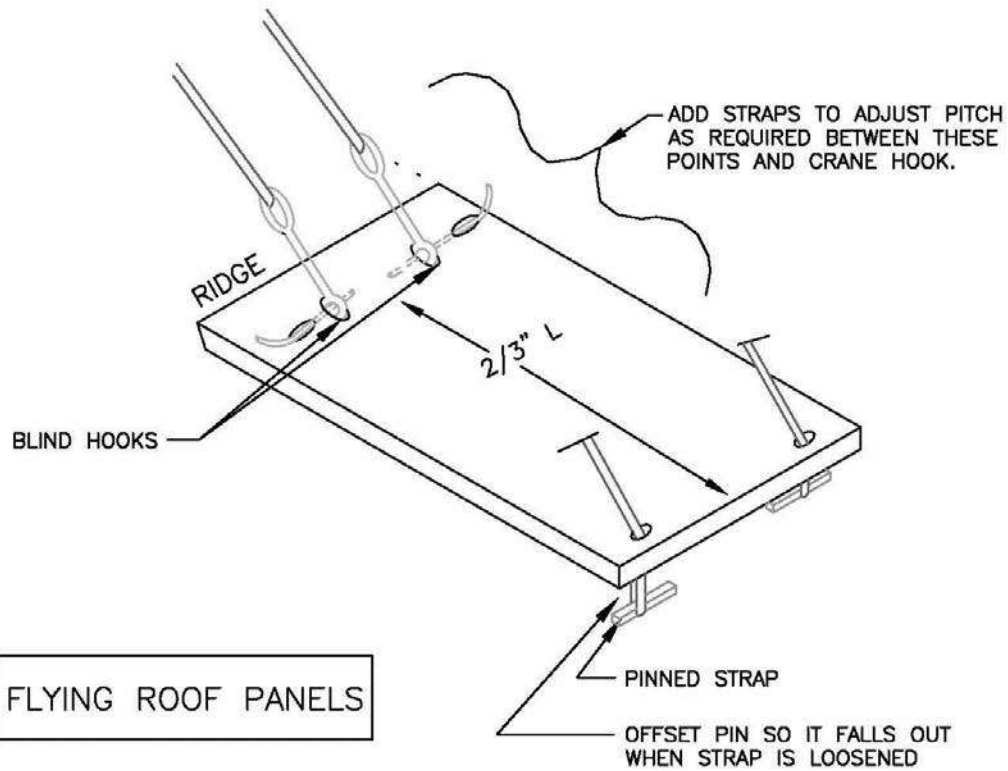
APPENDIX B-2 – PANEL RIGGING

PINNED HOOK METHOD



SLOT PATTERN:
CUT SLOTS BY DRILLING 3 EACH 1"
DIA. HOLES IN A ROW



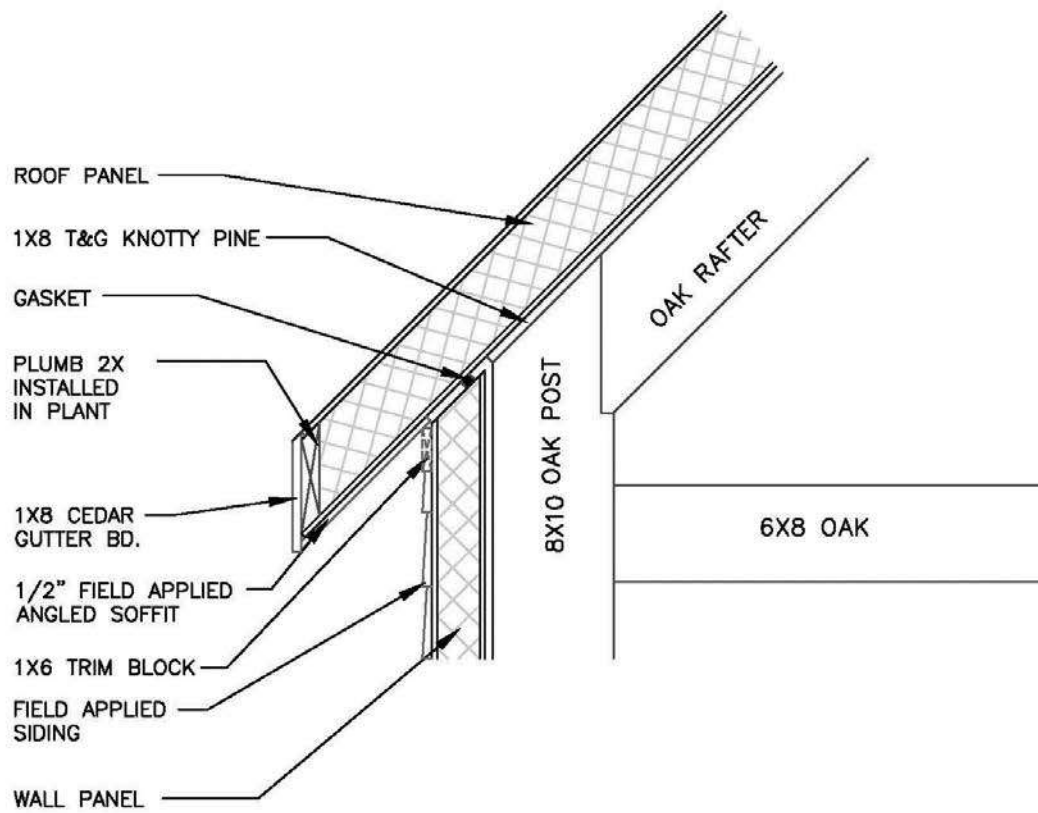




TYPICAL DETAILS

APPENDIX C-1 SOFFIT DETAIL

OPTION A - PLUMB EAVE (OPTIONAL)

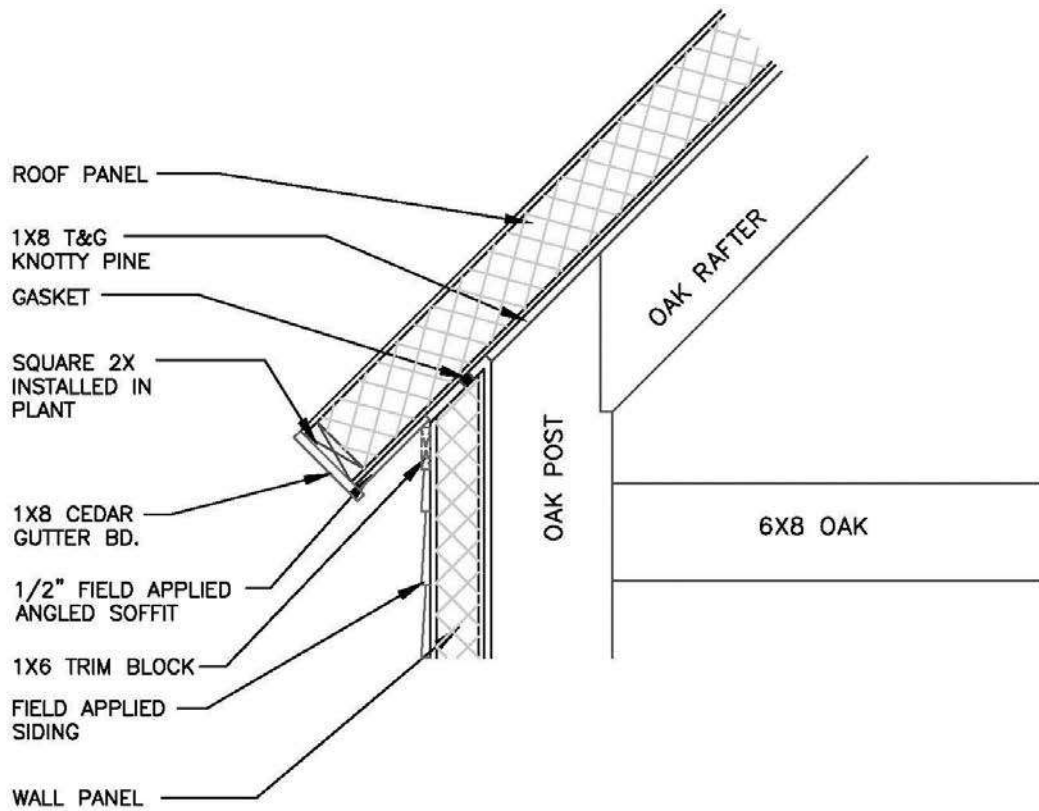




TYPICAL DETAILS

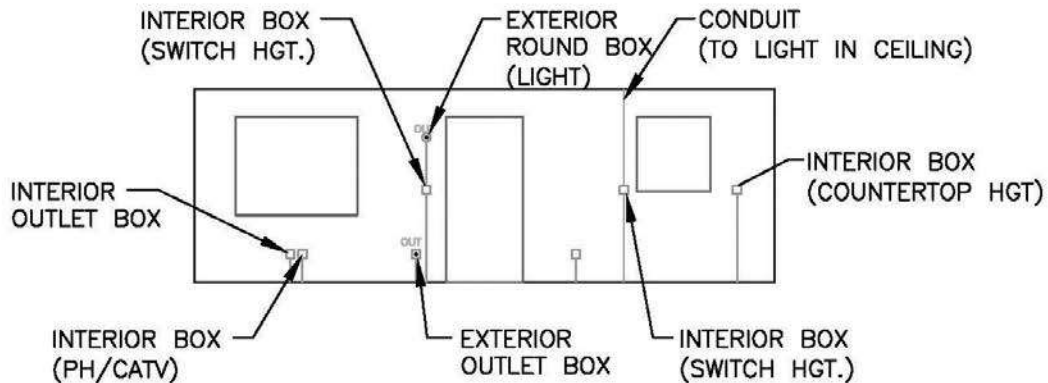
APPENDIX C-2 SOFFIT DETAIL

OPTION B – SQUARE EAVE (STANDARD)

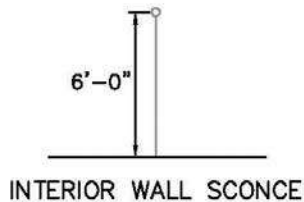
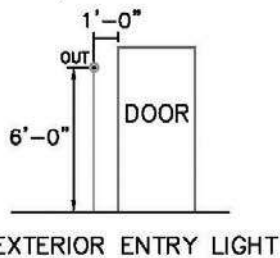
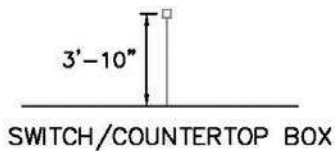
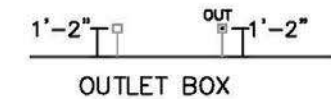


FACTORY INSTALLED ELECTRICAL OPTIONS

EXAMPLE PANEL DRAWING
SHOWING COMMON BOX PLACEMENT



STANDARD HEIGHTS



TYPICAL ELECTRIC SYMBOLS

4x4
SQUARE BOX
(OUTLET/SWITCH)

ROUND BOX
(LIGHT)



INTERIOR



EXTERIOR



CONDUIT - 3/4" PVC
(ROUTES WIRE THROUGH PANEL)



ROUND BOX W/ BLOCKING FOR
HEAVY FIXTURES 50lb MAX
(ROOF PANEL ONLY, THERMOCORE MUST BE
NOTIFIED WHEN THIS CONDITION APPLIES IN
EACH SITUATION)

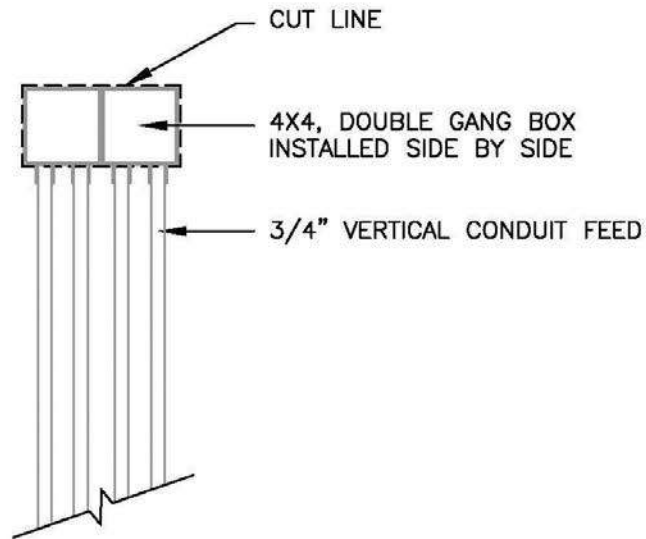
*ALL BOXES ARE 4X4 WHICH CAN BE 1 OR 2 GANG

*BOXES ARE RATED TO CARRY 50lbs



3-4 GANG BOX INSTALLATION

THERMOCORE ONLY INSTALLS 4X4, DOUBLE GANG BOXES FOR SWITCHES AND OUTLETS. WHERE A 3 OR 4 GANG BOX IS NEEDED WE WILL INSTALL (2) 4X4 BOXES. THEY CAN BE CUT OUT IN THE FIELD AND REPLACED WITH THE DESIRED BOX. SIMPLY RUN A RECIPROCATING SAW ALONG THE OUTSIDE EDGES OF THE BOXES TO REMOVE THEM. RUN WIRE BEFORE INSTALLING BOX SO AS THE BOX IS INSTALLED THE WIRE CAN BE FED INTO THE NEW BOX. CAN FOAM AROUND NEW BOX AS NEEDED.





SECOND FLOOR ELECTRICAL ACCESS

DRILL THRU FLOOR SHEATHING AND TOP PLATE OF FIRST FLOOR PANEL INTO ELECTRICAL BOX BEFORE SITTING 2ND FLOOR PANELS.

