GREENSTONE
BUILDING PRODUCTS

ICE PANEL

STANDARD CONNECTION DETAILS

UPDATED AS OF 2023.07.05

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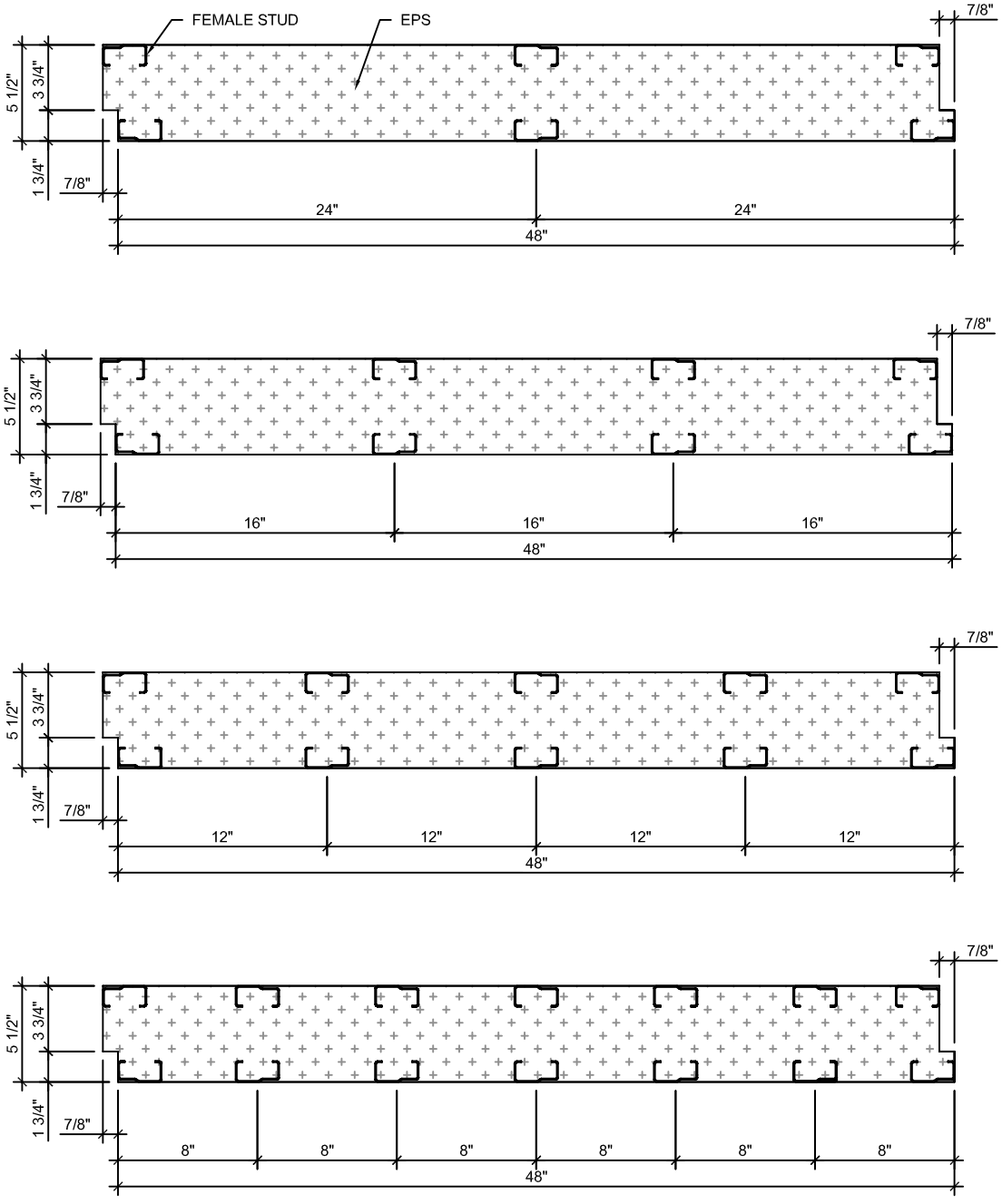
GREENSTONE ICE PANEL
DESIGN PARAMETERS

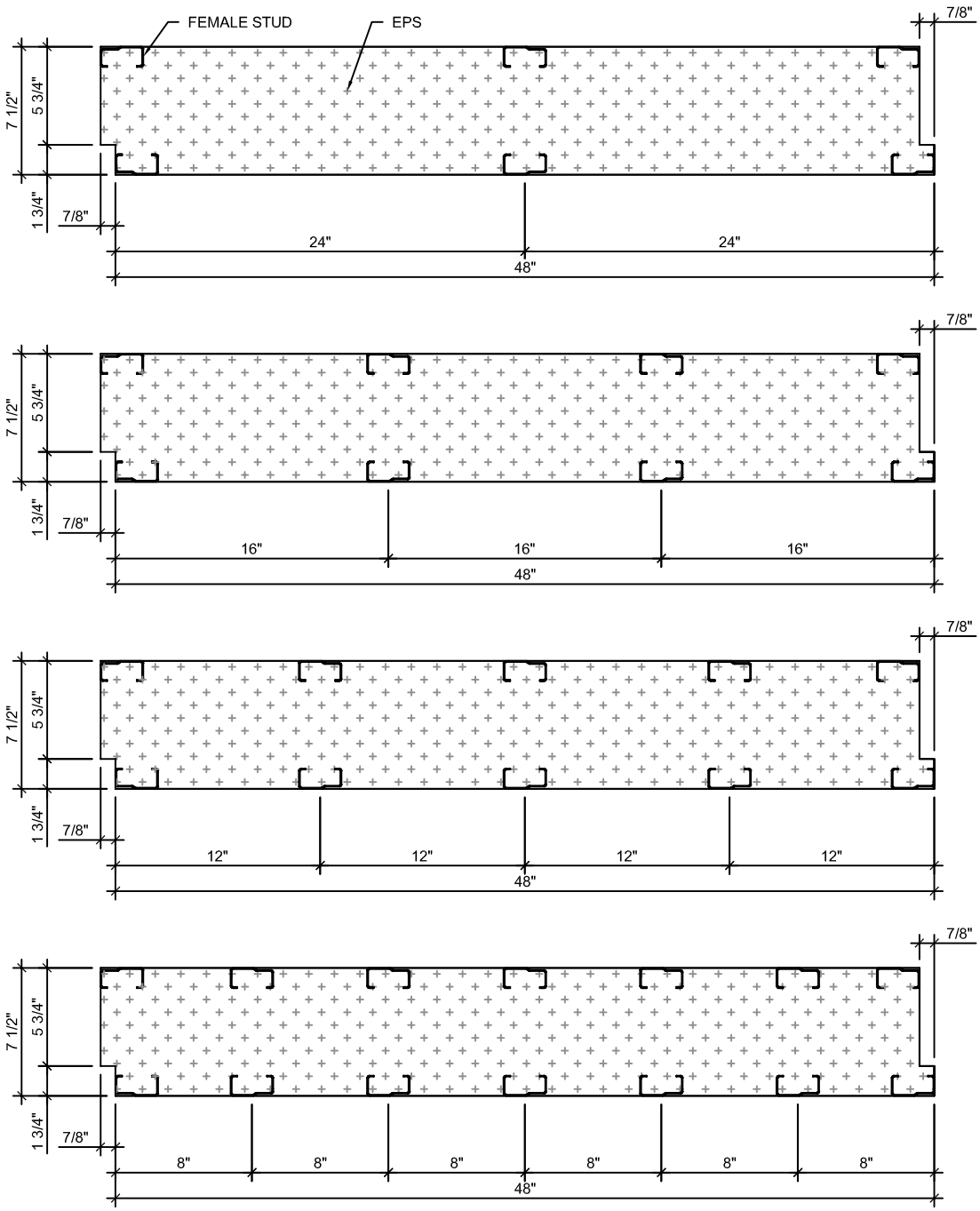
The following design parameters are required to streamline Greenstone's Design and Production Process. Designs outside of the below list will be considered complex and will require additional design, drafting and production fees and time lines.

1	Rough Openings (RO's) require a plywood sub-frame/rough buck – please specify if they are ¾" or 1.5".
2	RO's must be a minimum of 5¾" from inside corners minimum and 6½" between adjacent RO.
3	Greenstone headers require a minimum 8" clearance above, and can not span more than an 11' RO*.
4	Ledge cuts should only be on the bearing wall, and not the walls parallel to main joist runs.
5	5.5" walls are limited to 10' high, beyond which, they must be upgraded to 7.5" wall minimum.
6	After 12' of wall height, there is a cost increase for tall walls.
7	Foundations are limited to 6' backfill pressure maximum from top of basement floor to top of backfill.
8	Heights of walls to be supplied by Greenstone must be clearly dimensioned, especially tall walls and rake walls in vaulted ceiling areas, either to truss or to ladder.
9	Both structural faces of the wall must bear down on a load bearing surface.
10	Top plates can be beneficial in most applications. They are required for RTM foundations.
11	Compound notches on panels are highly complex and will delay time lines and increase cost.

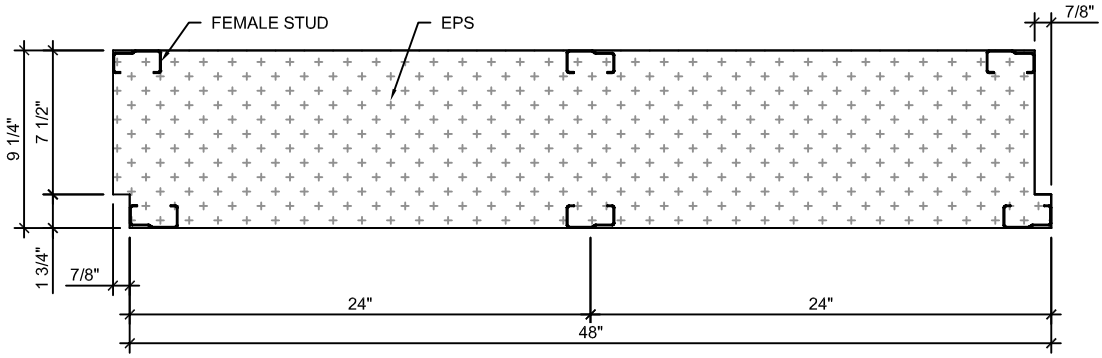
***** Engineered headers can be used to span larger spaces if needed. Product supplied by third party supplier.

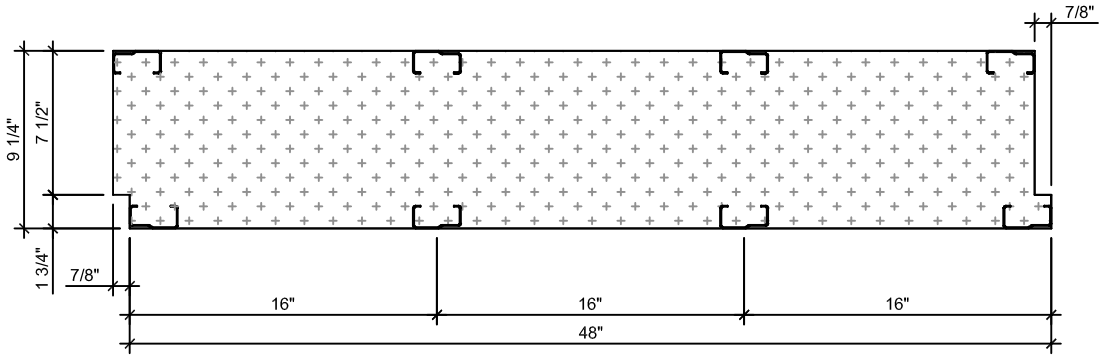


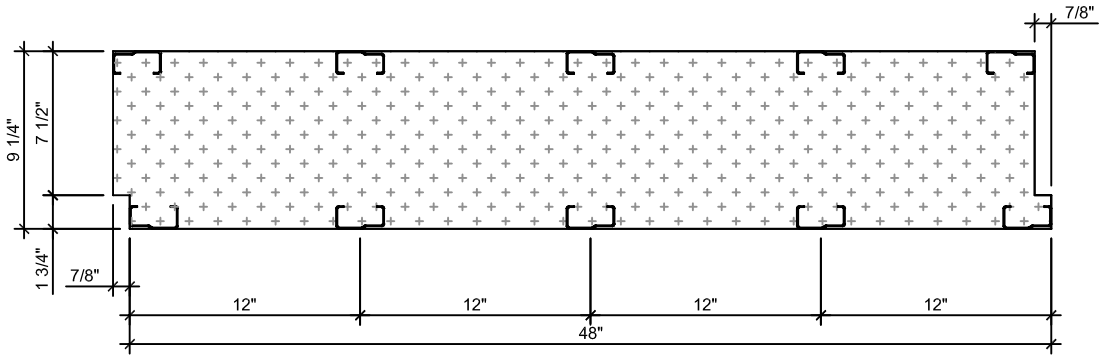
5 1/2" GS PANEL W
O/C STUD SPACING OPTIONS
N.T.S.
101

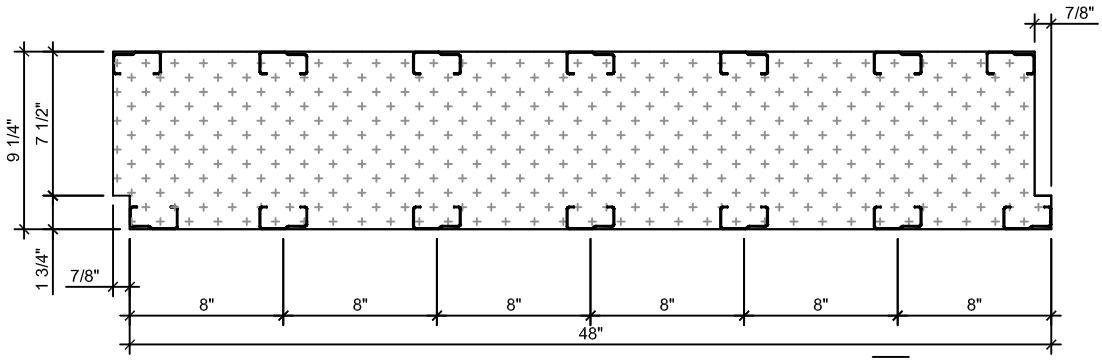


7 1/2" GS PANEL $\overline{W}$
O/C STUD SPACING OPTIONS
N.T.S.
102

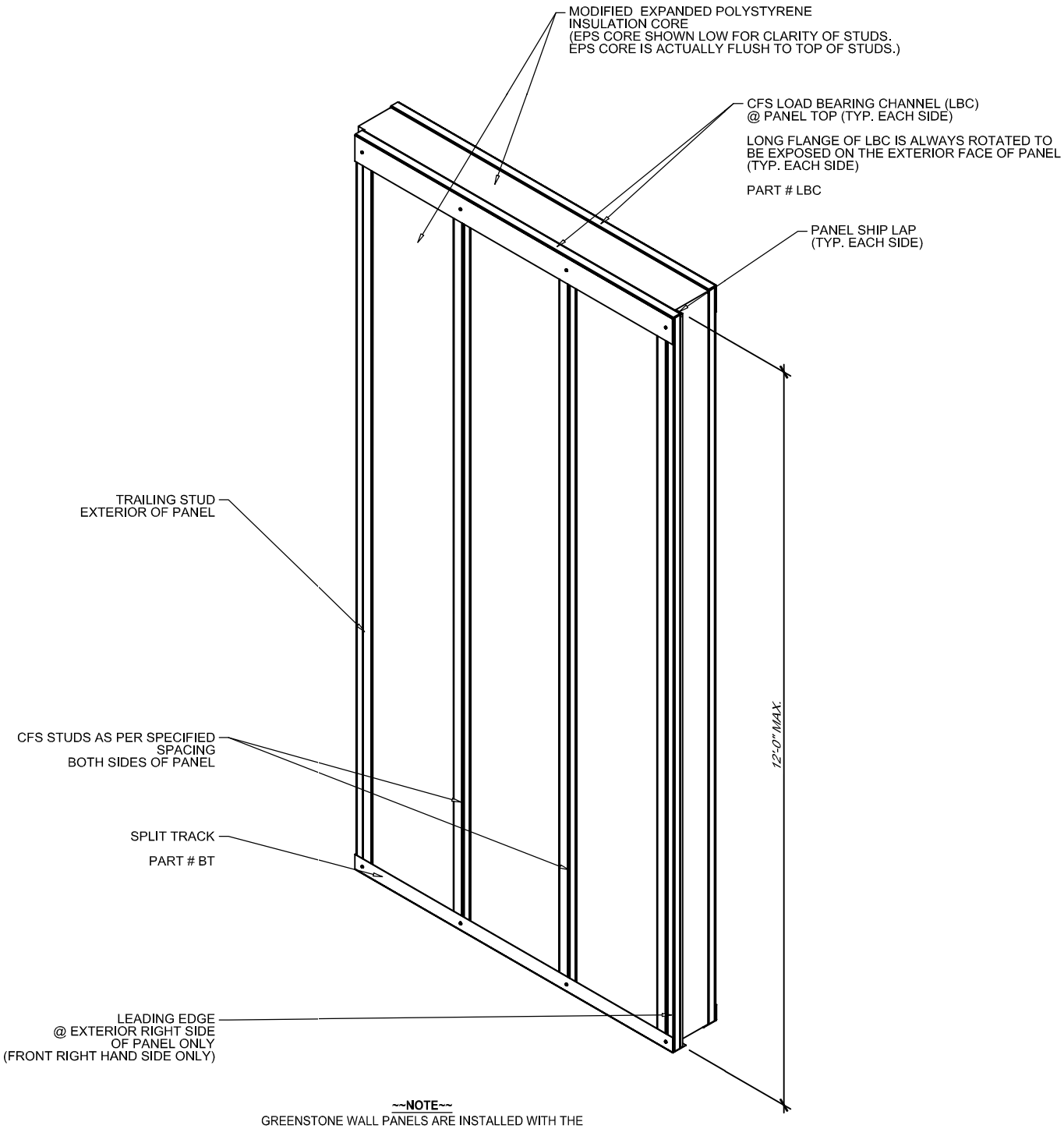








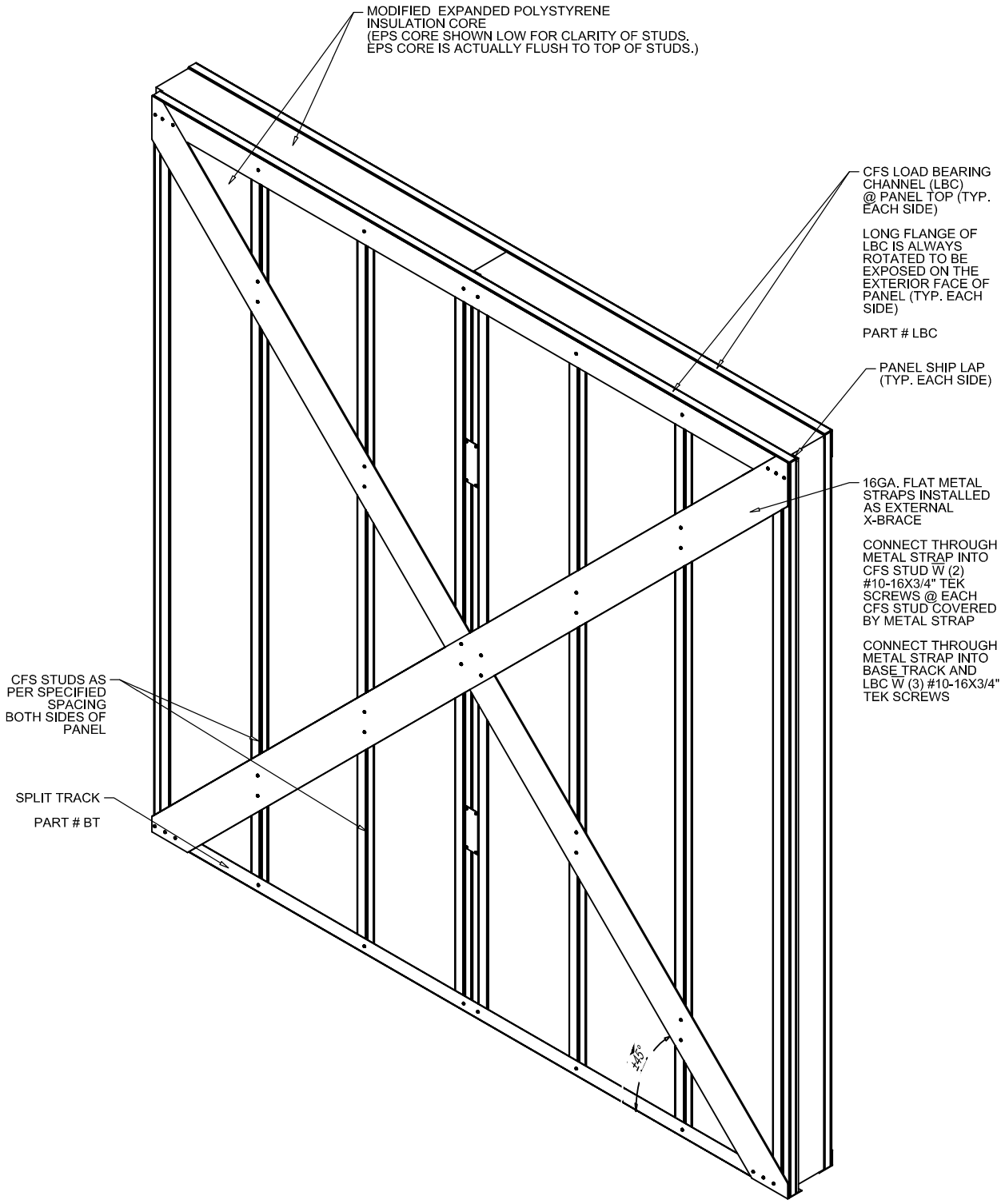
9 1/4" GS PANEL W
O/C STUD SPACING OPTIONS
N.T.S.
103



~~NOTE~~
GREENSTONE WALL PANELS ARE INSTALLED WITH THE "FRONT OF PANEL" FACING THE OUTSIDE OF THE STRUCTURE AND THE LEADING EDGE TO THE RIGHT

TYP. GS PANEL - INSTALLED (PERSPECTIVE)

N.T.S. 120



GS WALL ASSEMBLY W
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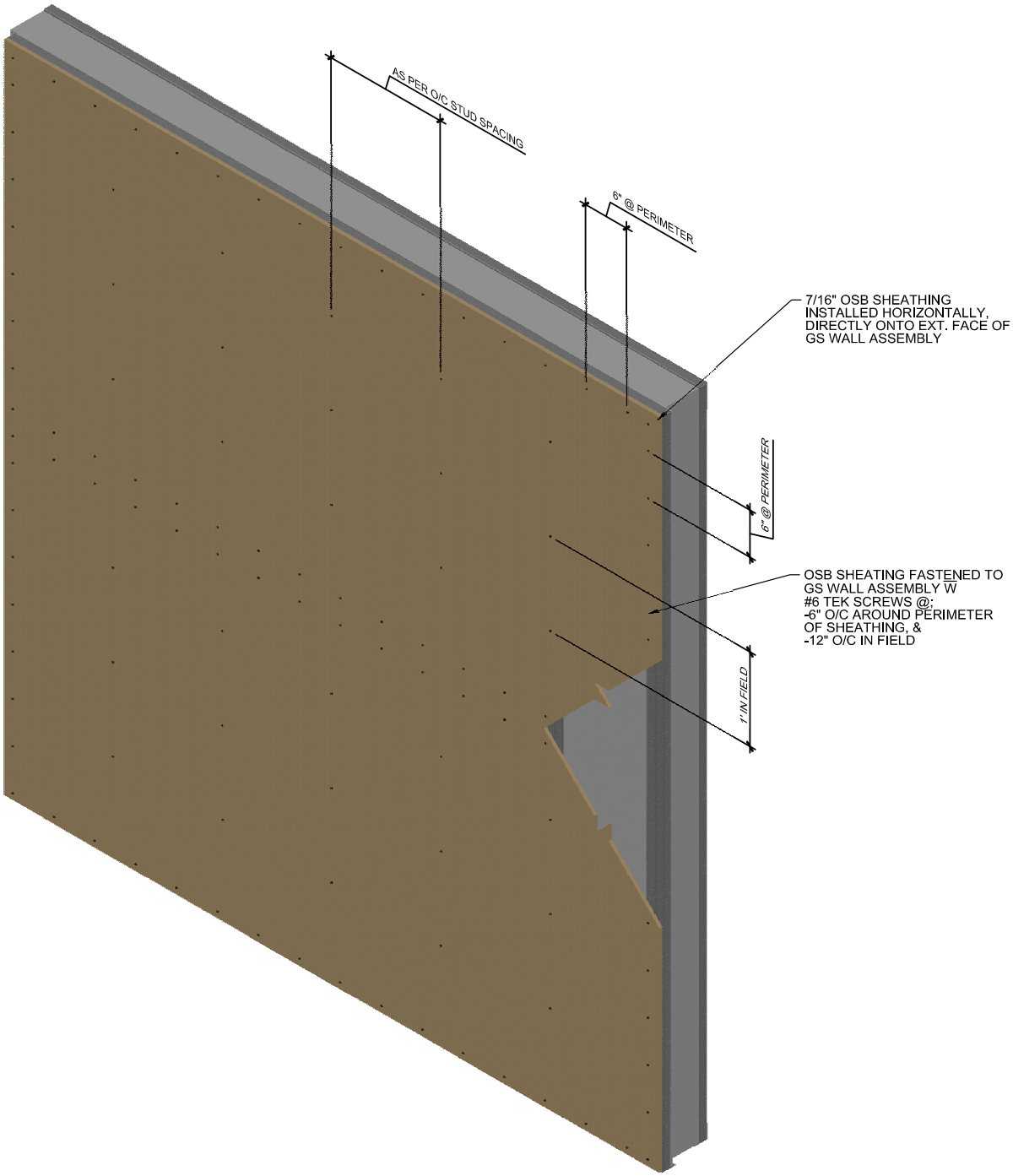
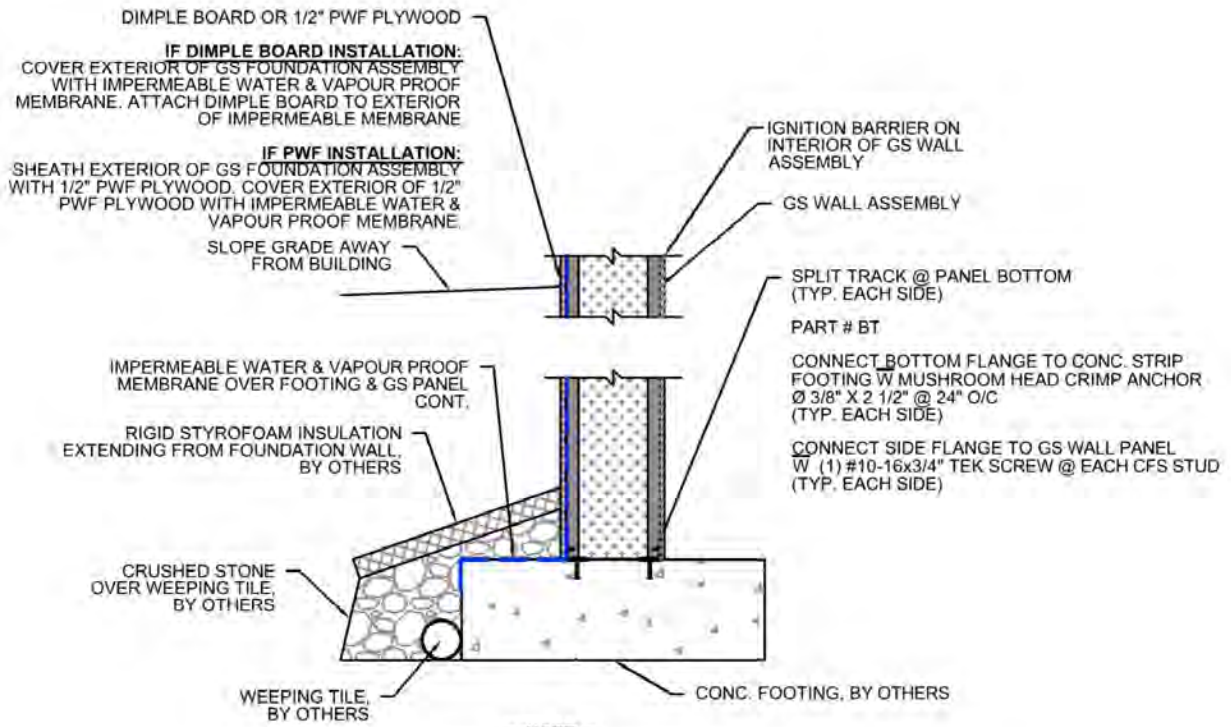
N.T.S.

122



GS WALL ASSEMBLY W
SHEATHING (PERSPECTIVE)
N.T.S.
123

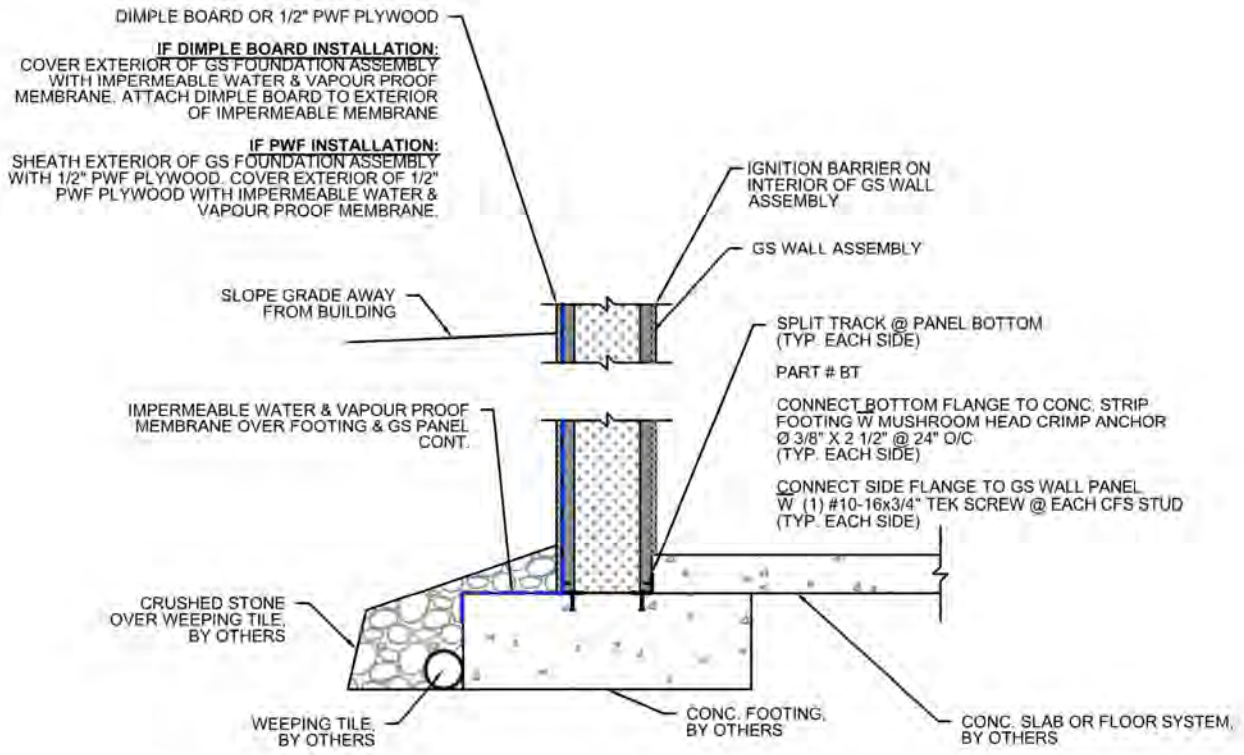


~~NOTE~~

1. ASSEMBLY AND PROPRIETARY ACCESSORY MATERIALS ARE NOT SPECIFICALLY ENDORSED BY GREENSTONE BUILDING PRODUCTS. DRAWING IS INTENDED TO BE A MINIMUM GUIDELINE FOR DESIGN CONSIDERATIONS. FULL ASSEMBLY TO BE SPECIFIED BY PROJECT ARCHITECT.
2. PLEASE REFER TO GREENSTONE BUILDING PRODUCTS "STANDARD PANEL ASSEMBLY MANUAL" FOR CONSTRUCTION METHODS.
3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**
4. MITRE CUT TRACK @ CORNERS
5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).
6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FOUNDATION DETAIL (SHALLOW BURIAL 0' TO 4' DEPTH) [SECTION]

N.T.S. 201



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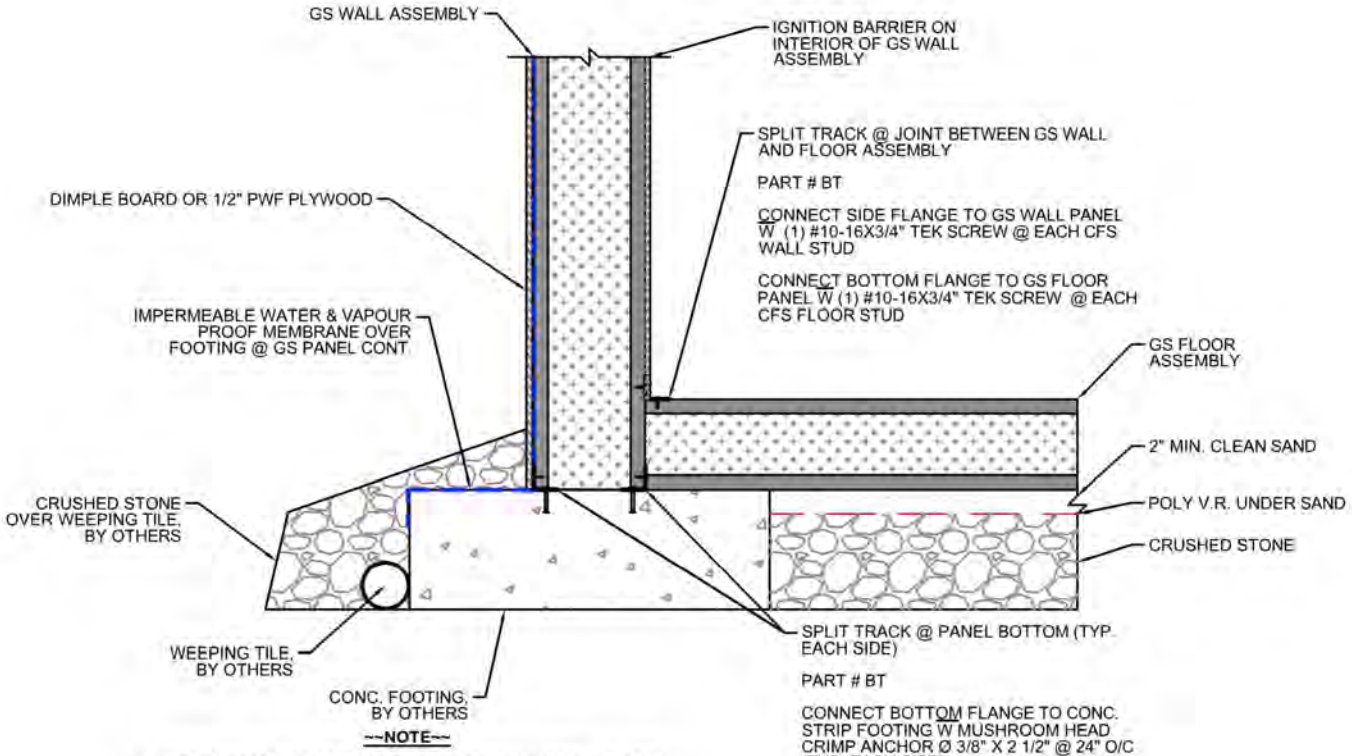
3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**
4. MITRE CUT TRACK @ CORNERS
5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).
6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FOUNDATION DETAIL (DEEP BURIAL 4'-1" TO 8' DEPTH) [SECTION]

N.T.S. 202



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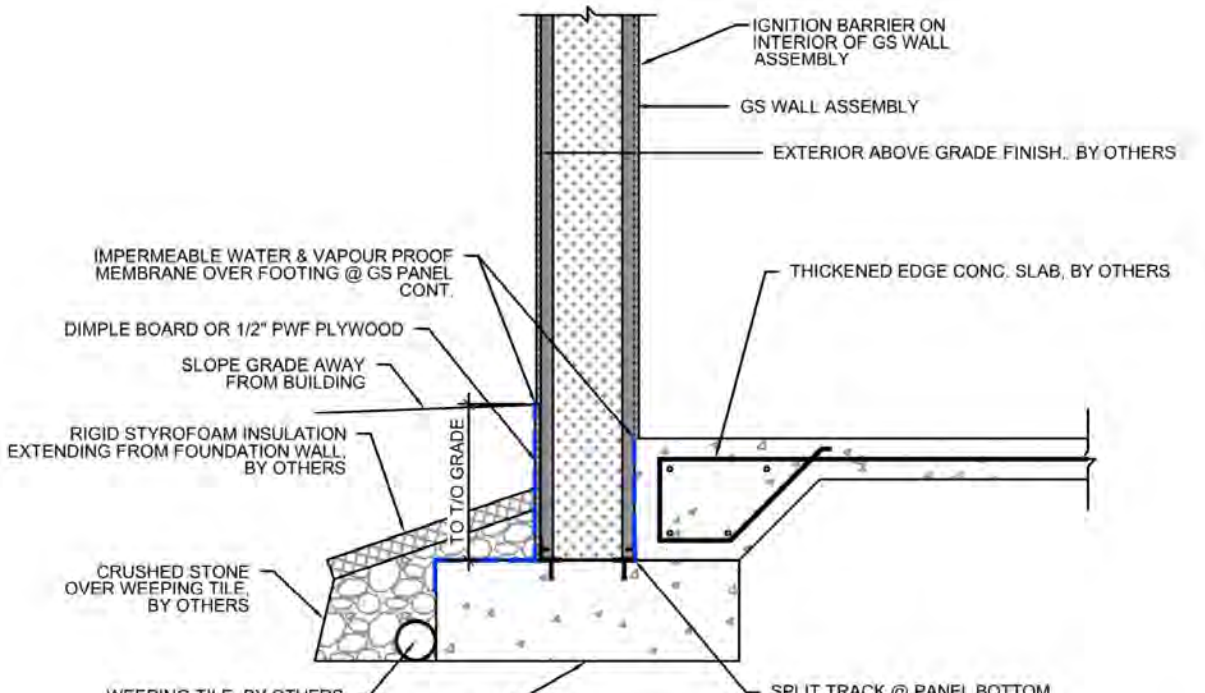
2. PLEASE REFER TO GREENSTONE BUILDING PRODUCTS "STANDARD PANEL ASSEMBLY MANUAL" FOR CONSTRUCTION METHODS.
3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**
4. MITRE CUT TRACK @ CORNERS
5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).
6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FLOOR INSTALLATION ONTO CONC. FOOTING (SECTION)

N.T.S. 203



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2. PLEASE REFER TO GREENSTONE BUILDING PRODUCTS "STANDARD PANEL ASSEMBLY MANUAL" FOR CONSTRUCTION METHODS.

3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**

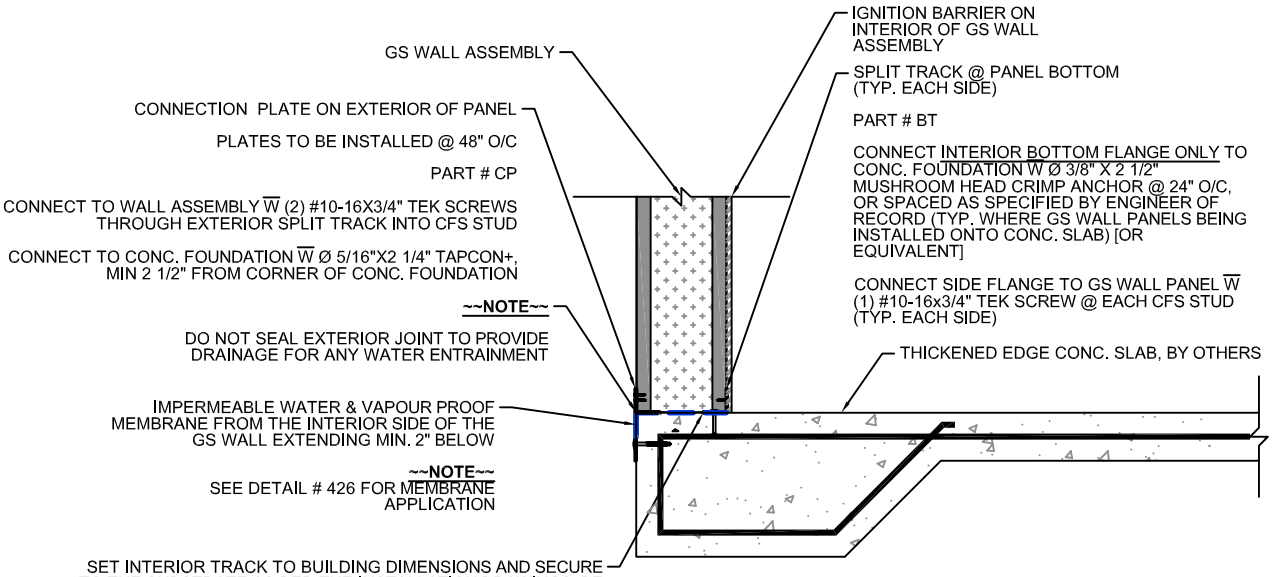
4. MITRE CUT TRACK @ CORNERS

5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).

6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FOUND. WALL & THICKENED EDGE SLAB (SECTION)

N.T.S. 204



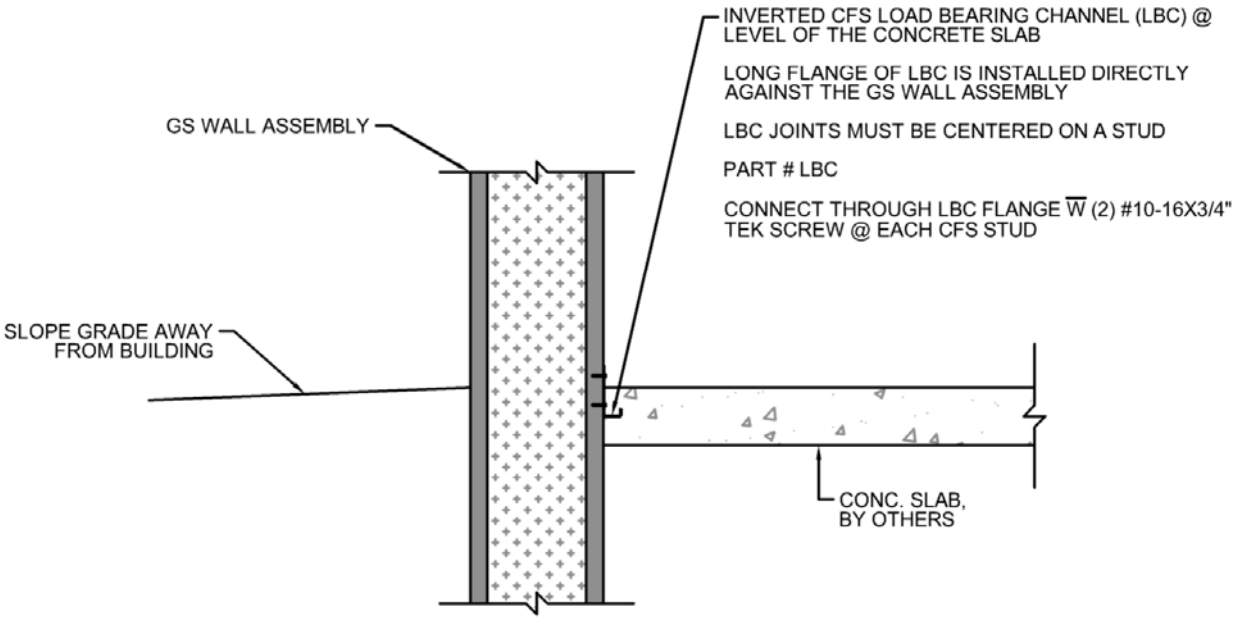
GS BASE INSTALLATION ONTO CONC. SLAB (SECTION)

N.T.S. 205

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



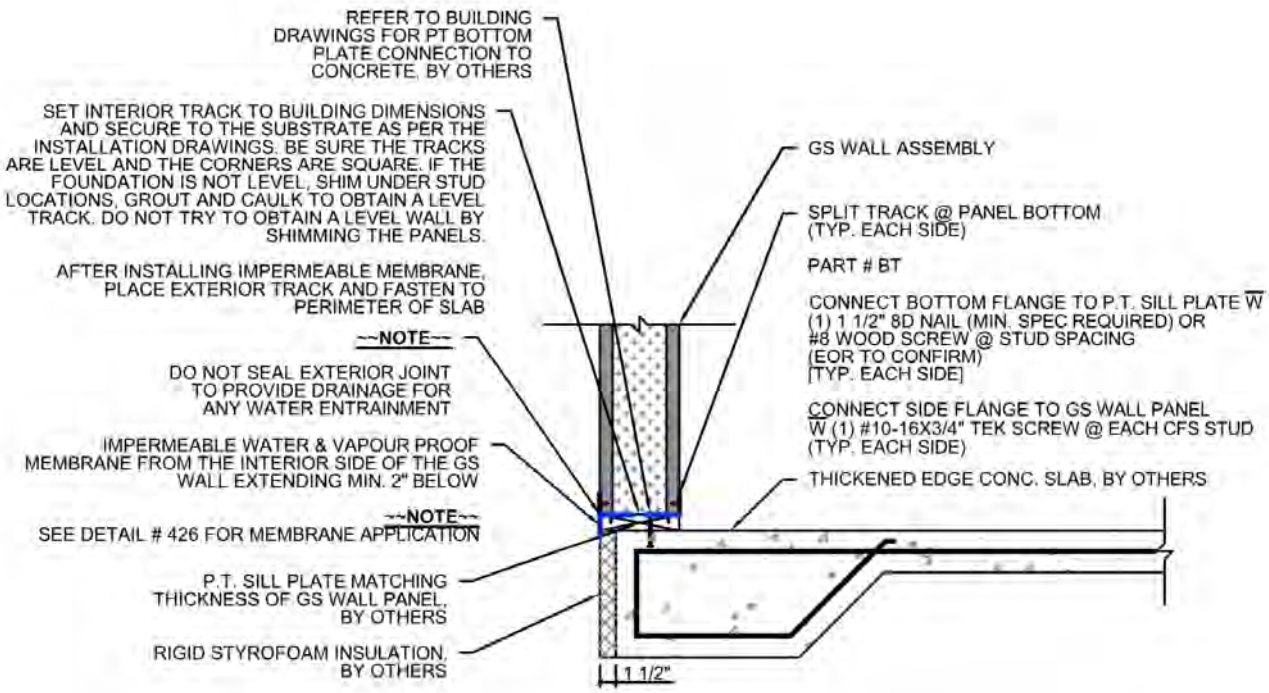
GS WALL TO CONCRETE SLAB CONNECTION WITH LBC (SECTION)

N.T.S. 206

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



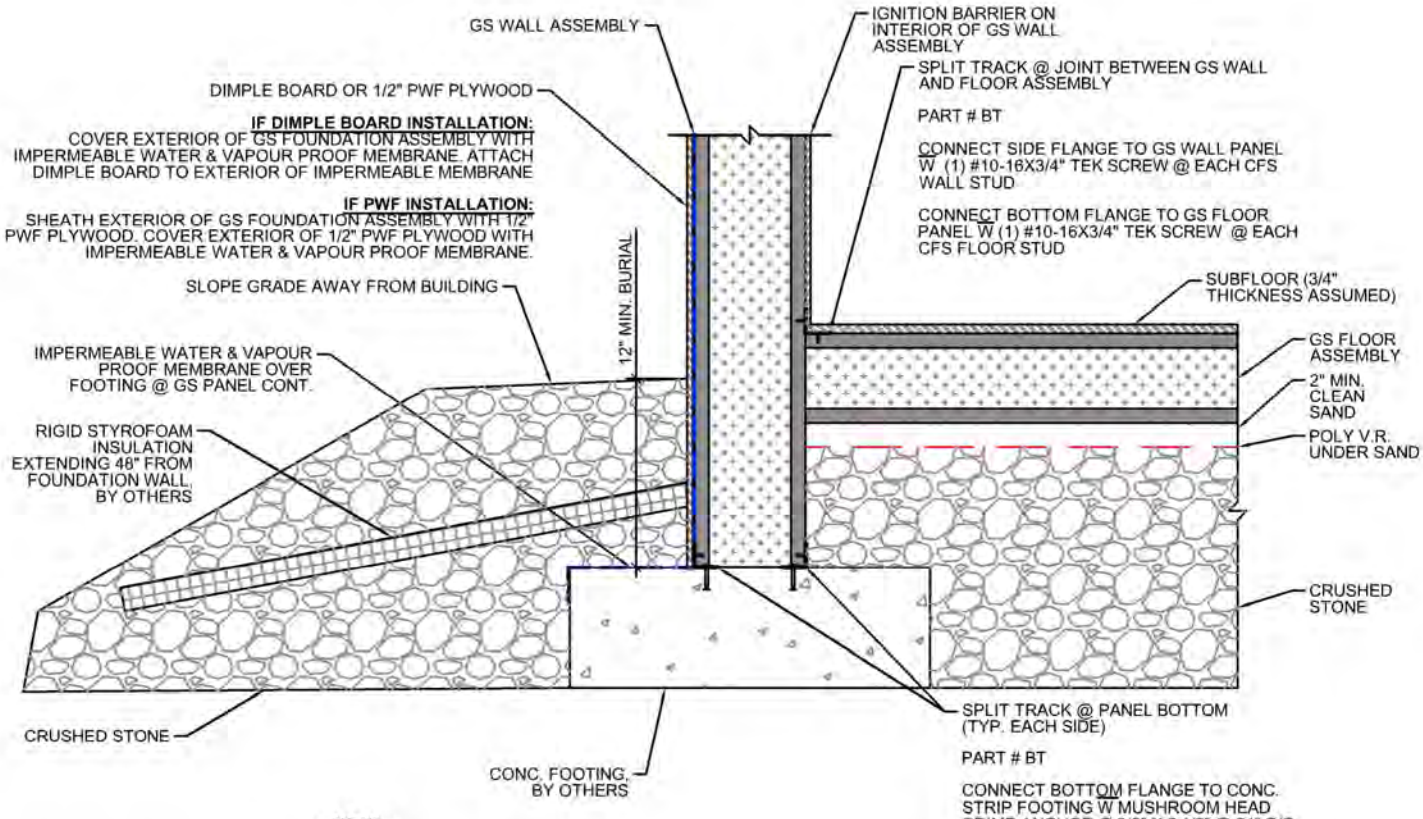
GS SPLIT TRACK ON DOUBLE PT PLATE INSTALLATION ONTO CONC. SLAB (SECTION)

N.T.S. 207

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



~~NOTE~~

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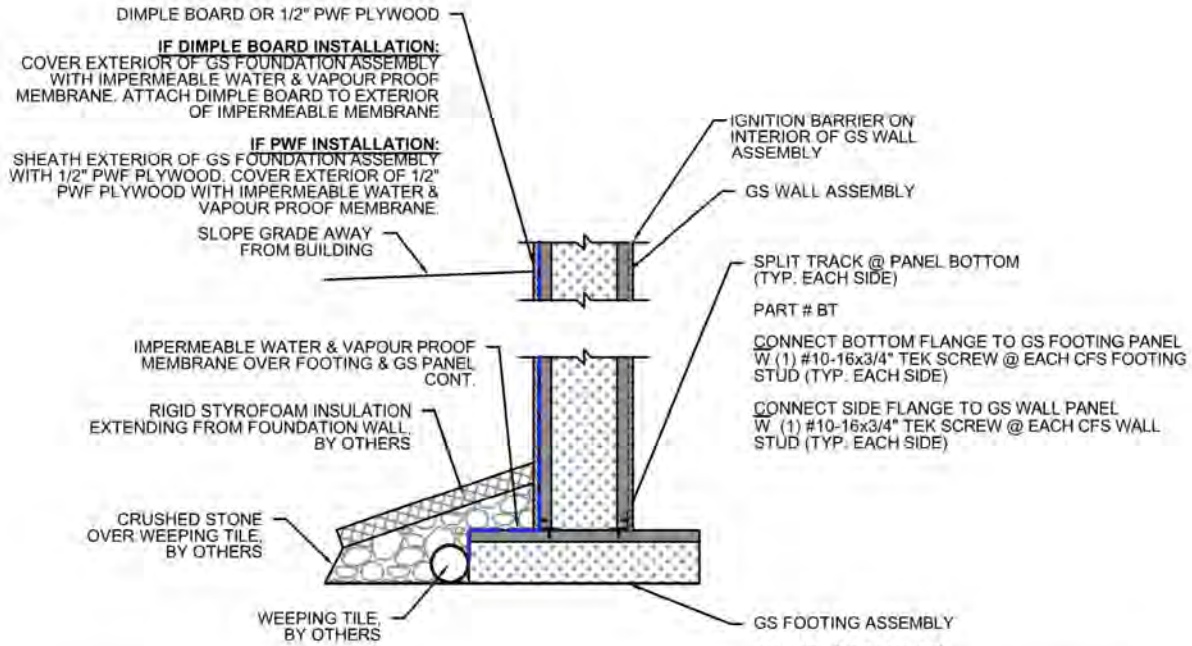
2. PLEASE REFER TO GREENSTONE BUILDING PRODUCTS "STANDARD PANEL ASSEMBLY MANUAL" FOR CONSTRUCTION METHODS.
3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**
4. MITRE CUT TRACK @ CORNERS
5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).
6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FOUNDATION AND GS FLOOR ABOVE CONC. FOOTING (SECTION)

N.T.S. 208

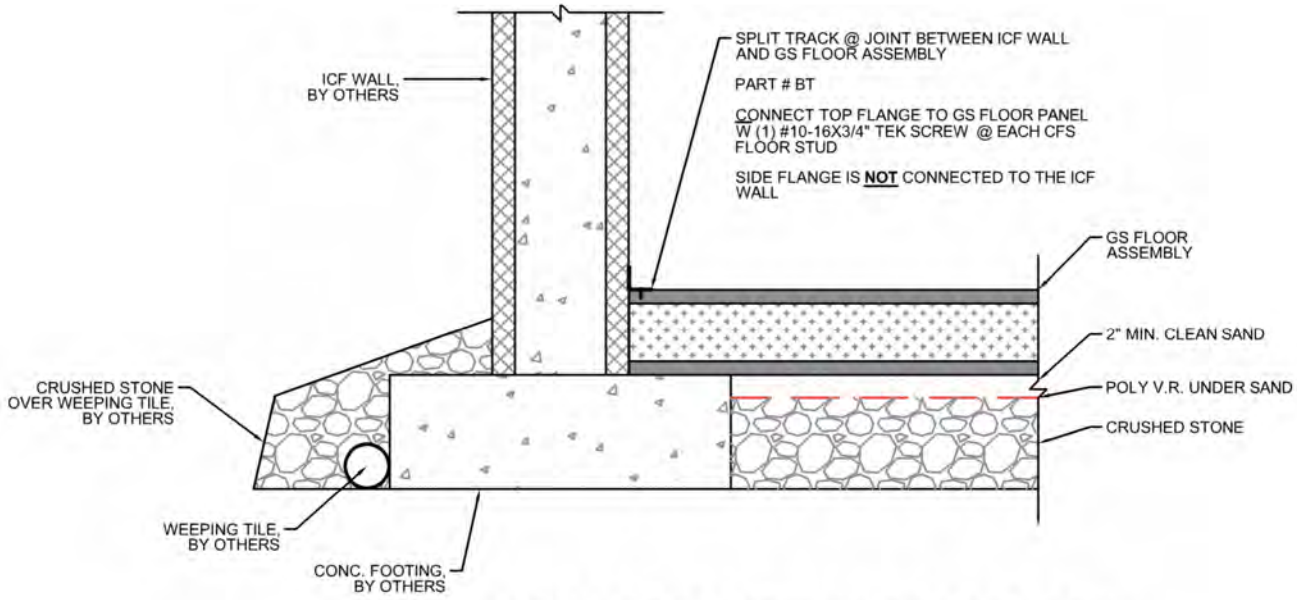


~~NOTE~~

1. ASSEMBLY AND PROPRIETARY ACCESSORY MATERIALS ARE NOT SPECIFICALLY ENDORSED BY GREENSTONE STRUCTURAL SOLUTIONS. DRAWING IS INTENDED TO BE A MINIMUM GUIDELINE FOR DESIGN CONSIDERATIONS. FULL ASSEMBLY TO BE SPECIFIED BY PROJECT ARCHITECT.
2. PLEASE REFER TO GREENSTONE STRUCTURAL SOLUTIONS "STANDARD PANEL ASSEMBLY MANUAL" FOR CONSTRUCTION METHODS.
3. **INSTALL CONNECTION PLATES IMMEDIATELY ABOVE BASE TRACK.**
4. MITRE CUT TRACK @ CORNERS
5. FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C).
6. EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

GS FOOTING DETAIL [SECTION]

N.T.S. 209



GS FLOOR INSTALLATION ONTO CONC. FOOTING W ICF FND (SECTION)

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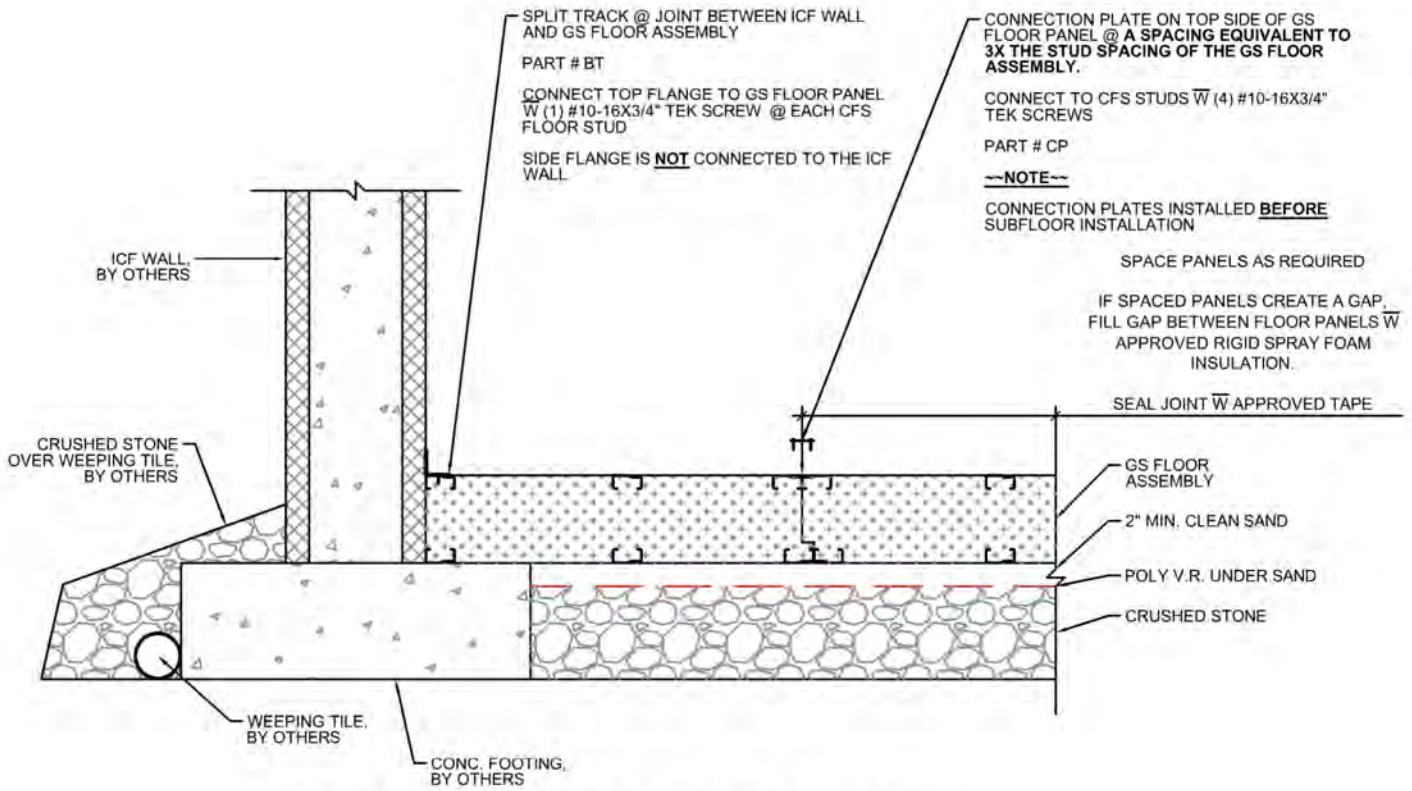

GS FLOOR INSTALLATION ONTO CONC. FOOTING W ICF FND (SECTION)

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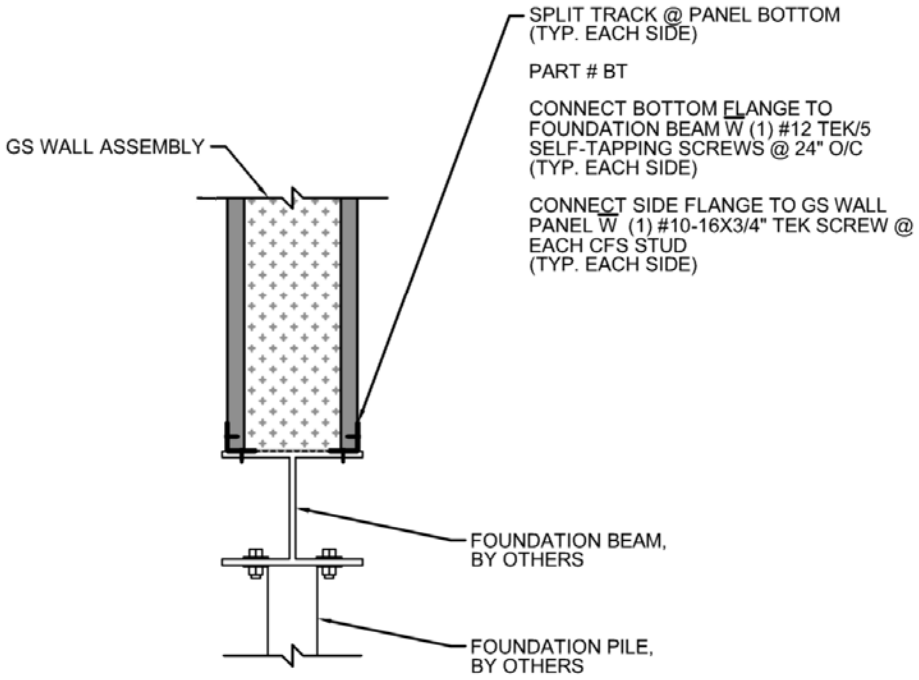


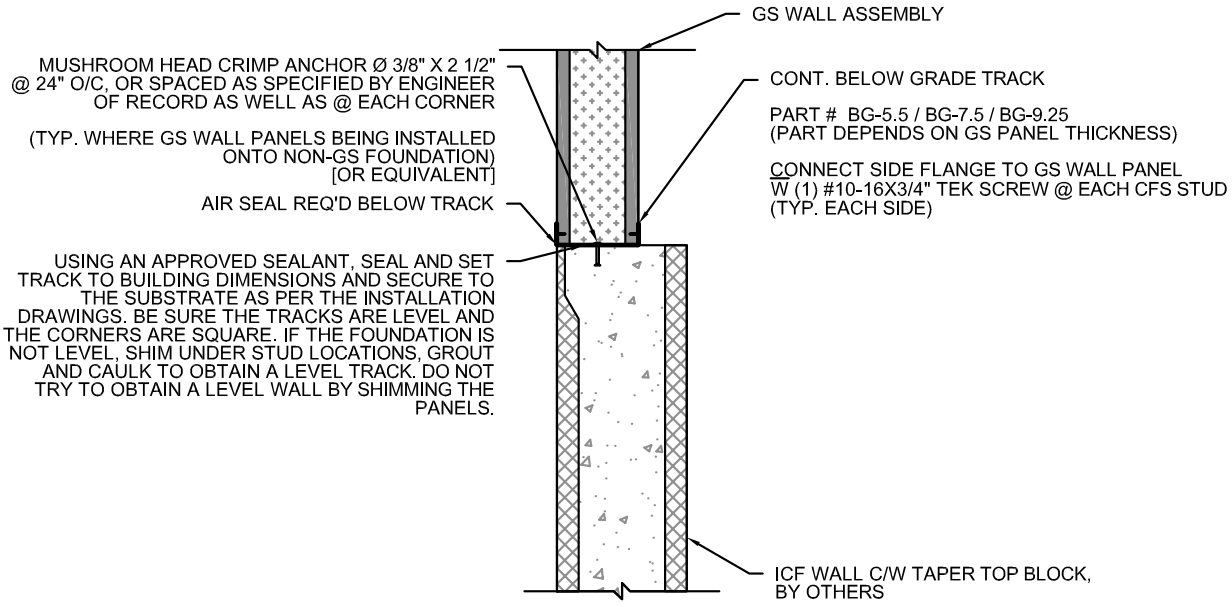
GS WALL ASSEMBLY ONTO FOUNDATION BEAM (@ EXT. WALL) [SECTION]

N.T.S. 212

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS BASE INSTALLATION ONTO ICF (FULL TRACK)[SECTION]

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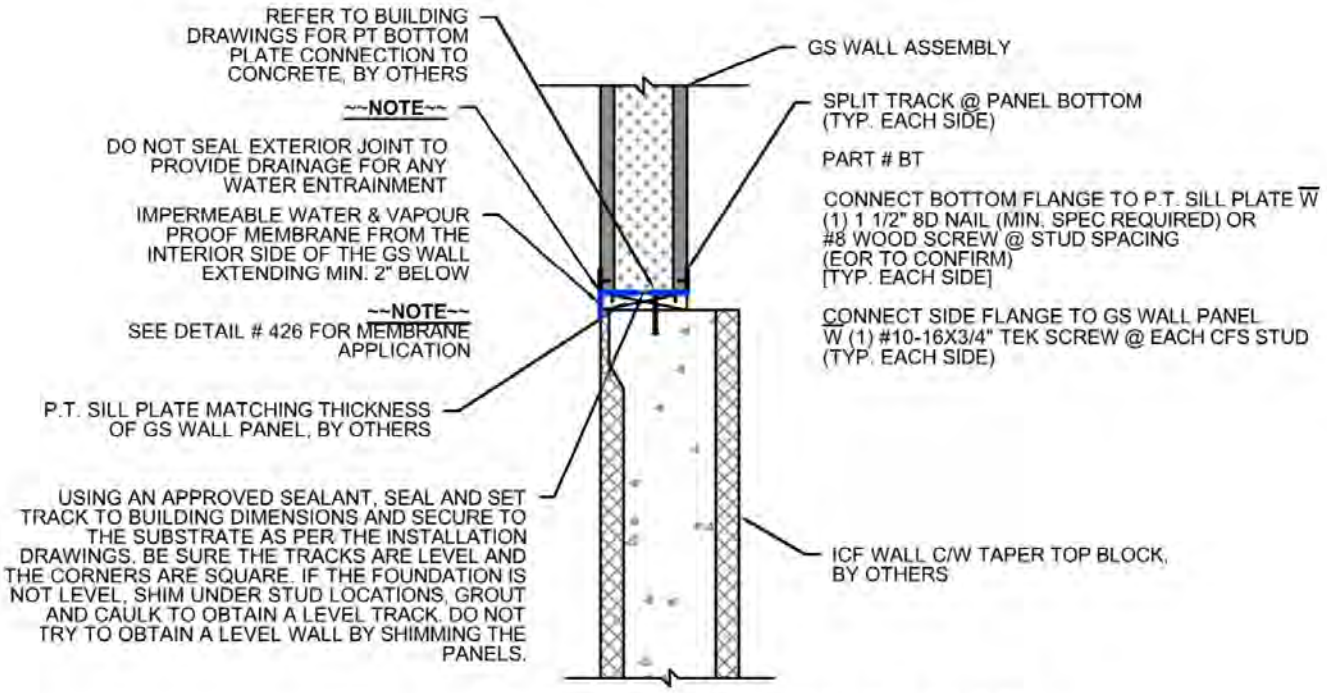


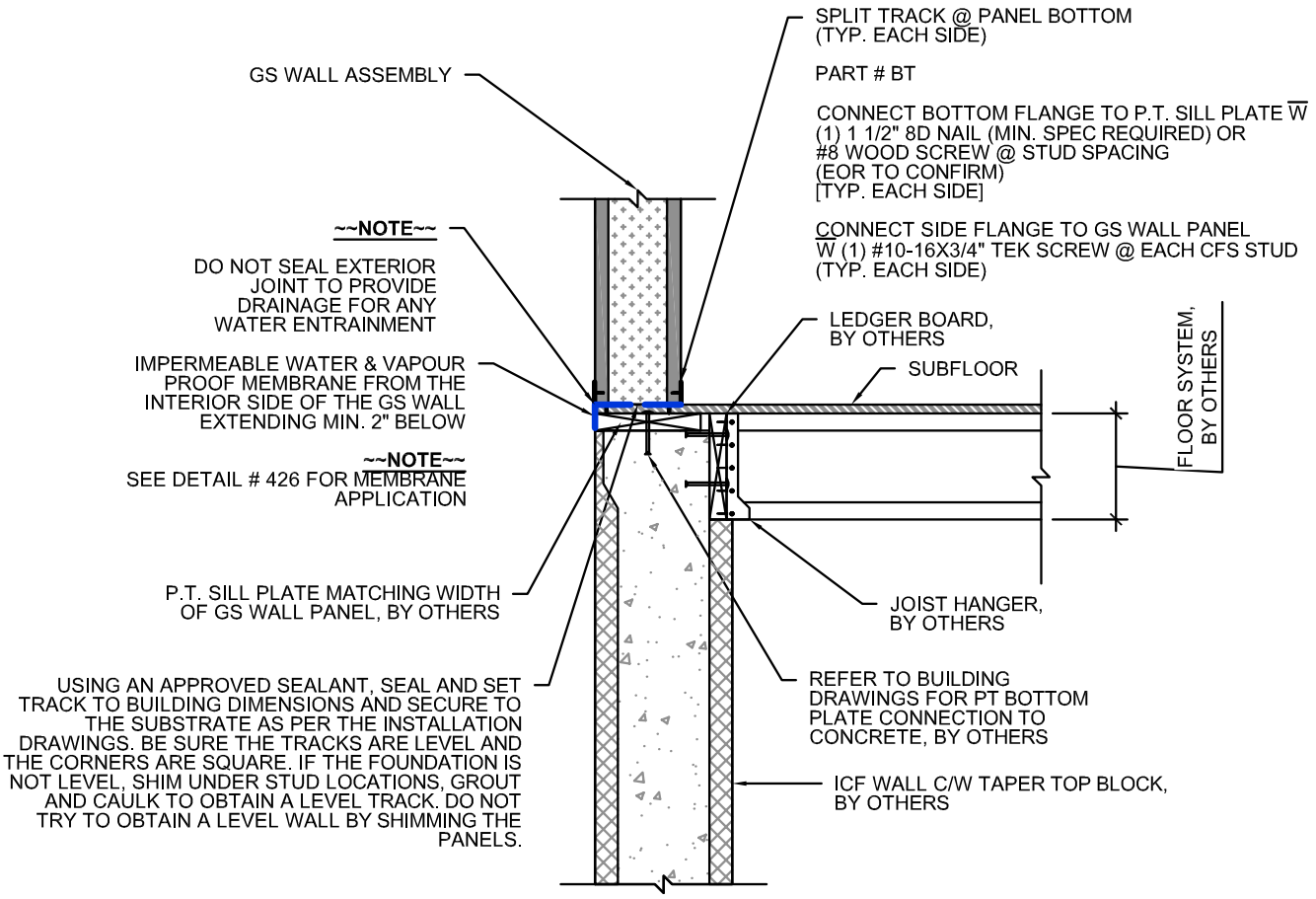
GS SPLIT TRACK ON PT PLATE INSTALLATION ONTO ICF (SECTION) 222

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS SPLIT TRACK ON PT PLATE INSTALLATION ONTO ICF (SECTION) 223

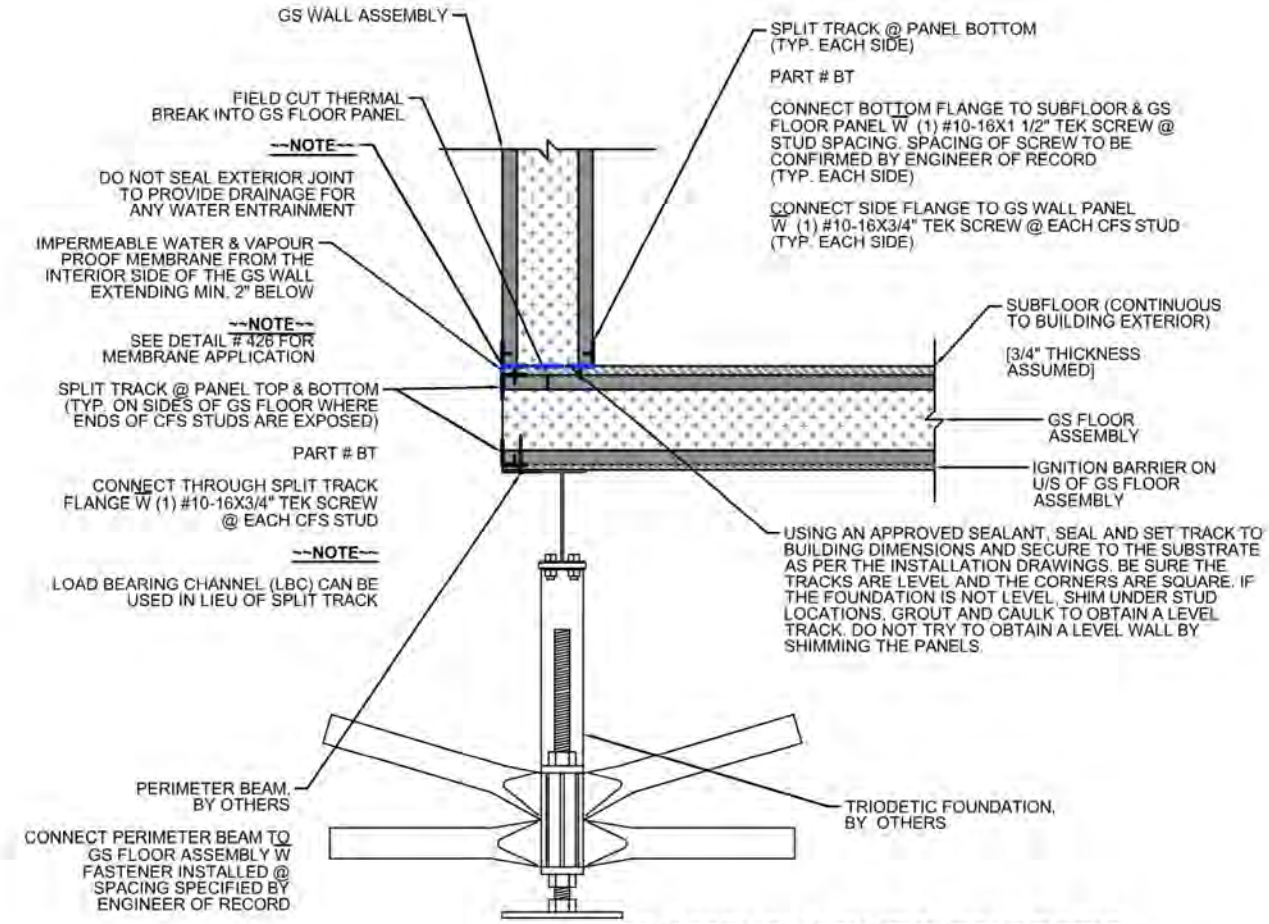
N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

EOR TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.



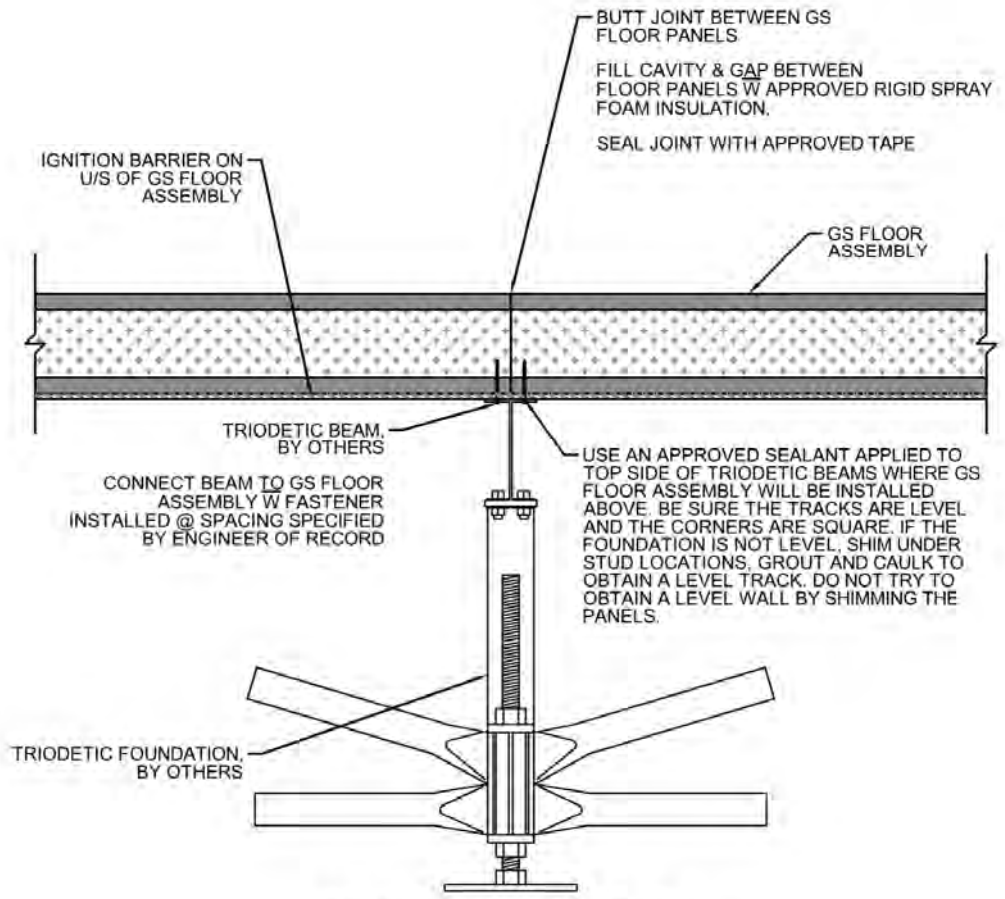
GS ASSEMBLY ONTO TRIODETIC FOUNDATION (@ EXT. WALL W CONTINUOUS SUBFLOOR) [SECTION] 241

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ASSEMBLY ONTO TRIODETIC FOUNDATION (FLOOR BUTT JOINT) [SECTION]

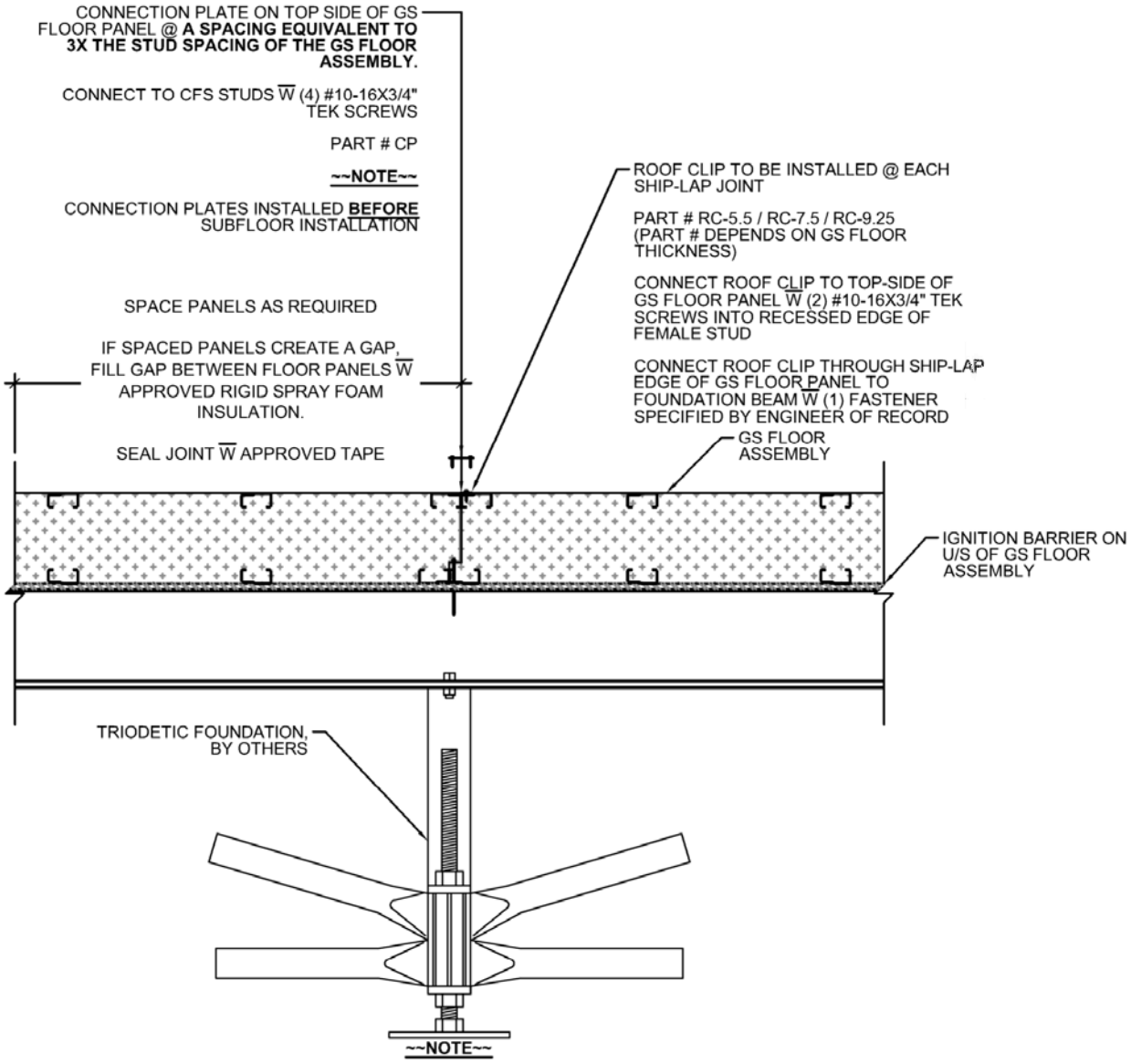
N.T.S. 242

~~NOTE~~

WHEN INSTALLING SUBFLOOR ON TOP OF GS FLOOR PANEL ASSEMBLY, STAGGER THE GS FLOOR PANEL JOINTS AND THE SUBFLOOR JOINTS

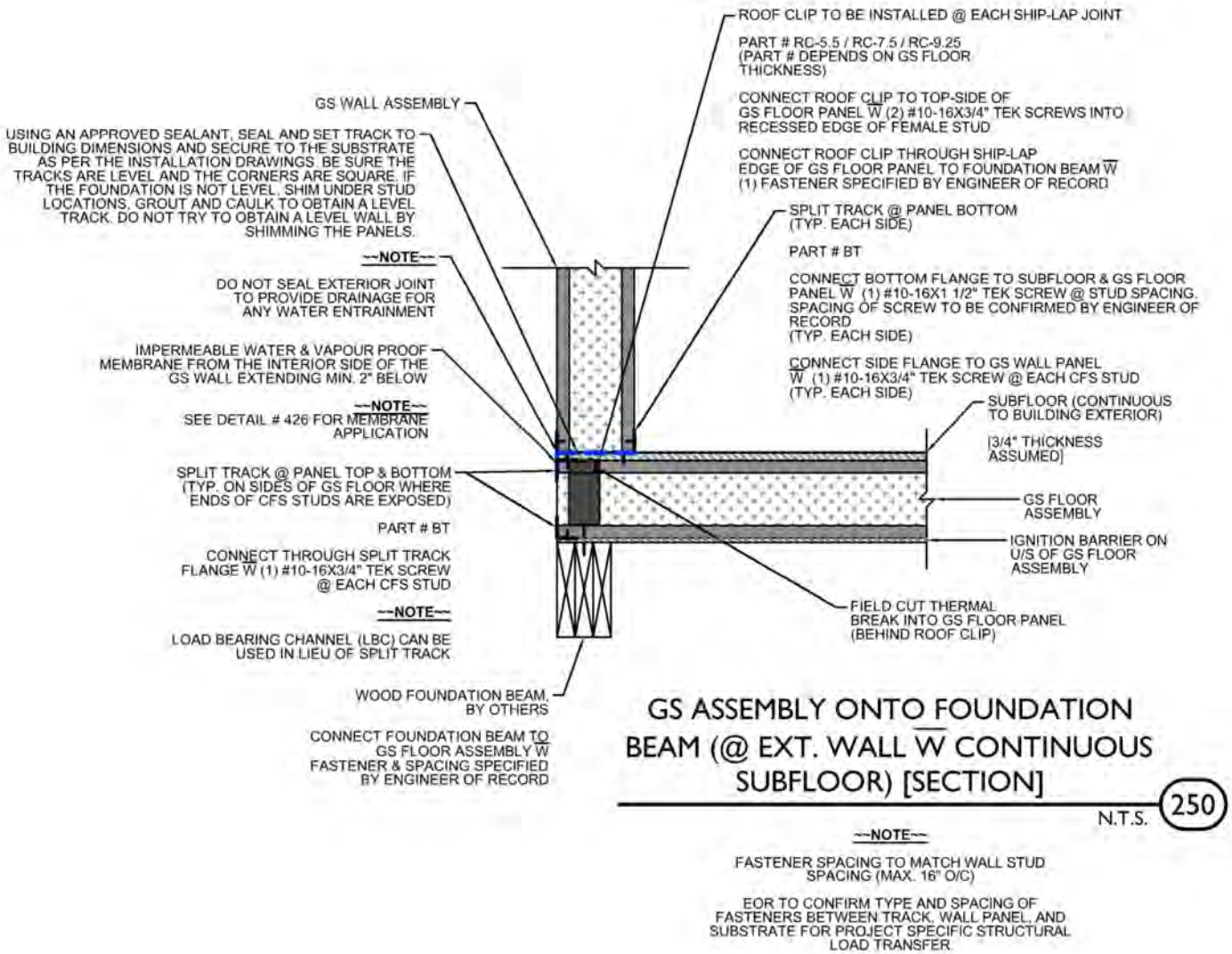
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

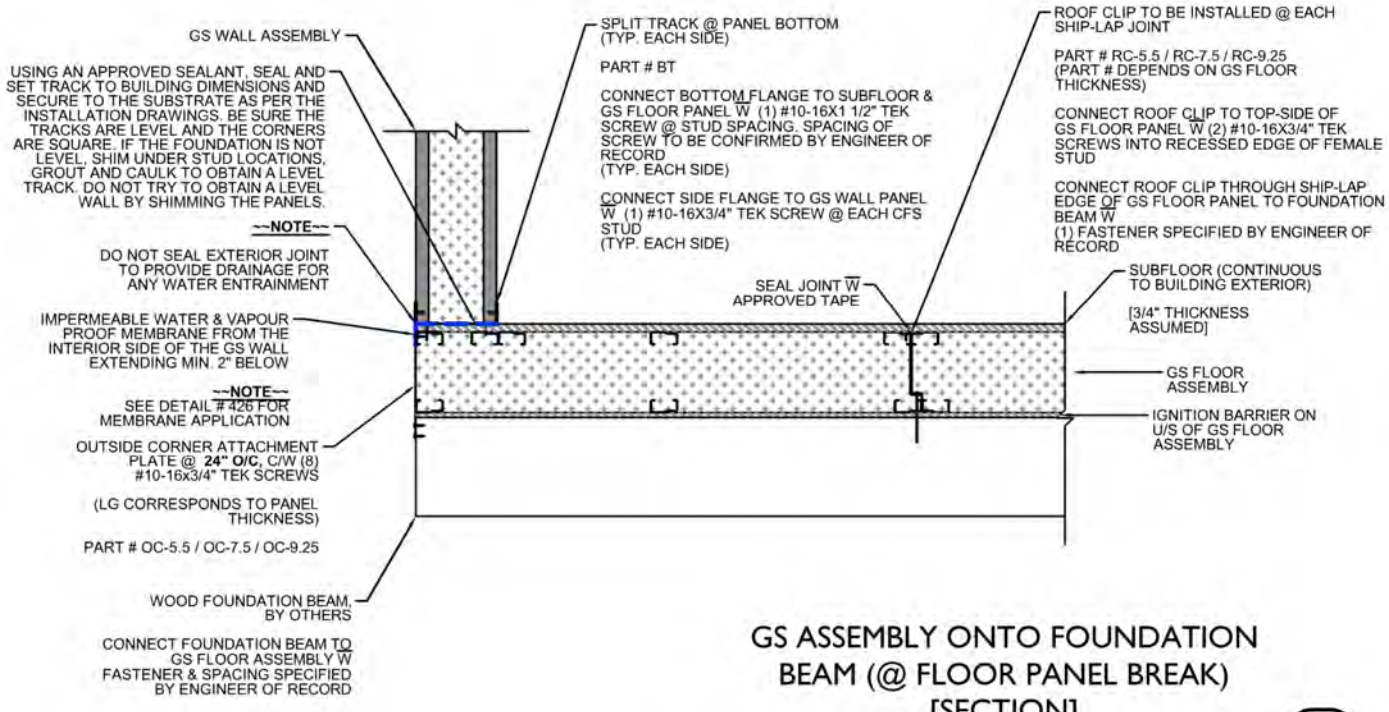
EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ASSEMBLY ONTO TRIODETIC FOUNDATION (SHIP-LAP JOINT) [SECTION]

N.T.S. 243





GS ASSEMBLY ONTO FOUNDATION BEAM (@ FLOOR PANEL BREAK) [SECTION]

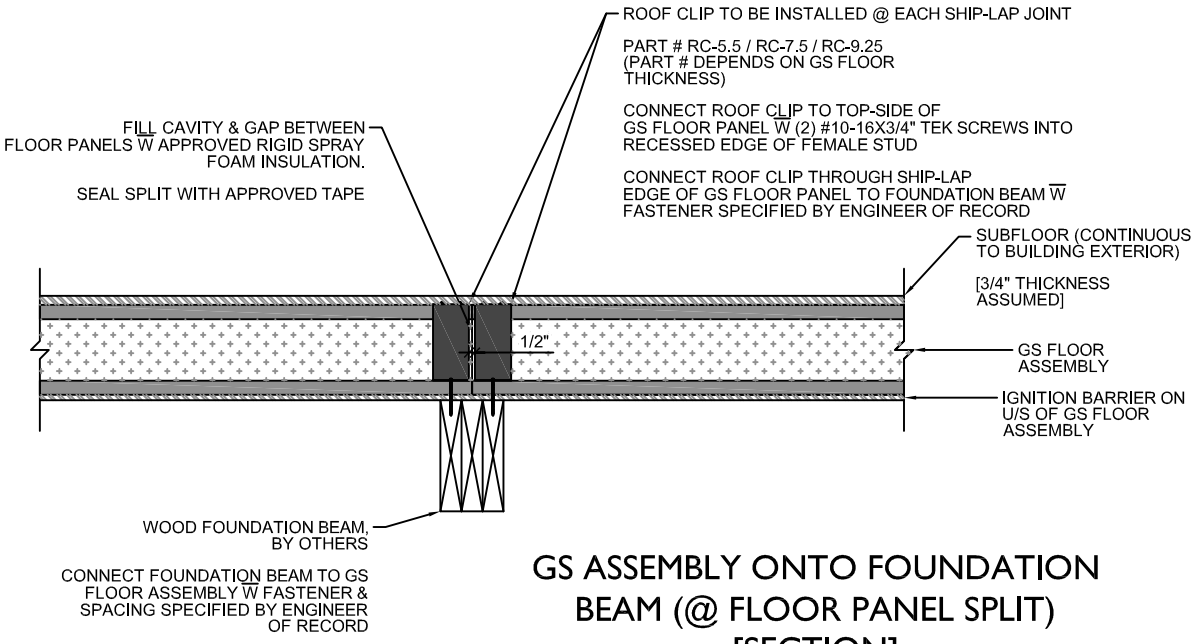
N.T.S. 251

~~NOTE~~

WHEN INSTALLING SUBFLOOR ON TOP OF GS FLOOR PANEL ASSEMBLY, STAGGER THE GS FLOOR PANEL JOINTS AND THE SUBFLOOR JOINTS

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ASSEMBLY ONTO FOUNDATION BEAM (@ FLOOR PANEL SPLIT) [SECTION]

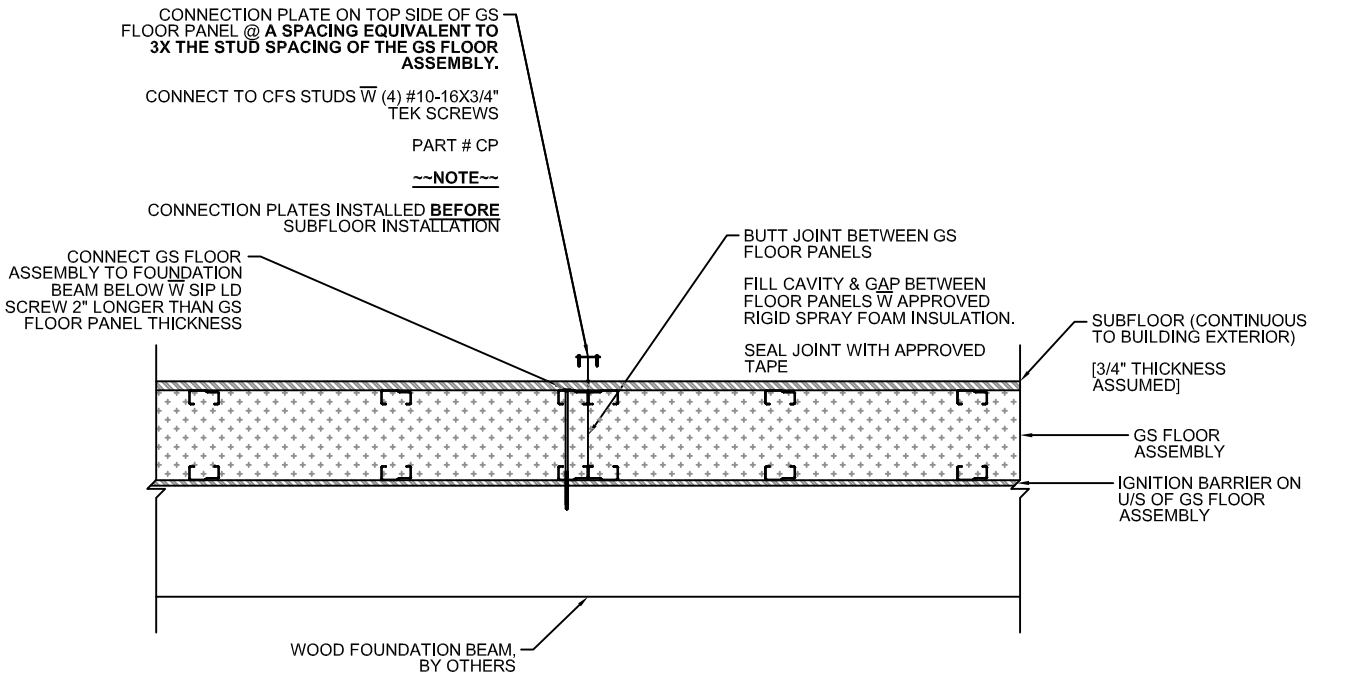
N.T.S. 252

~~NOTE~~

WHEN INSTALLING SUBFLOOR ON TOP OF GS FLOOR PANEL ASSEMBLY, STAGGER THE GS FLOOR PANEL JOINTS AND THE SUBFLOOR JOINTS

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ASSEMBLY ONTO FOUNDATION BEAM (@ FLOOR PANEL BUTT JOINT) [SECTION]

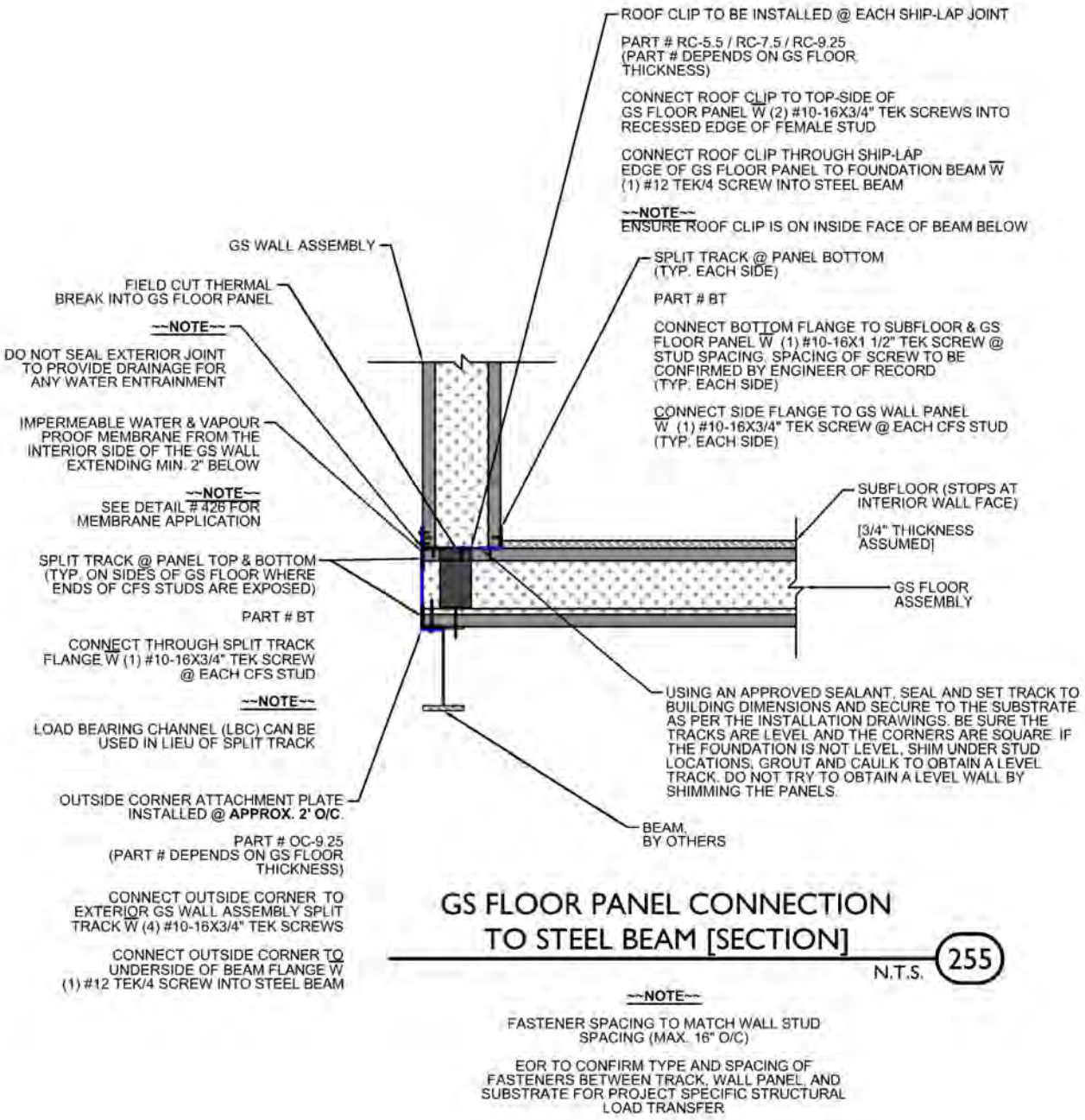
N.T.S. 253

~~NOTE~~

WHEN INSTALLING SUBFLOOR ON TOP OF GS FLOOR PANEL ASSEMBLY, STAGGER THE GS FLOOR PANEL JOINTS AND THE SUBFLOOR JOINTS

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS FLOOR PANEL CONNECTION TO STEEL BEAM [SECTION]

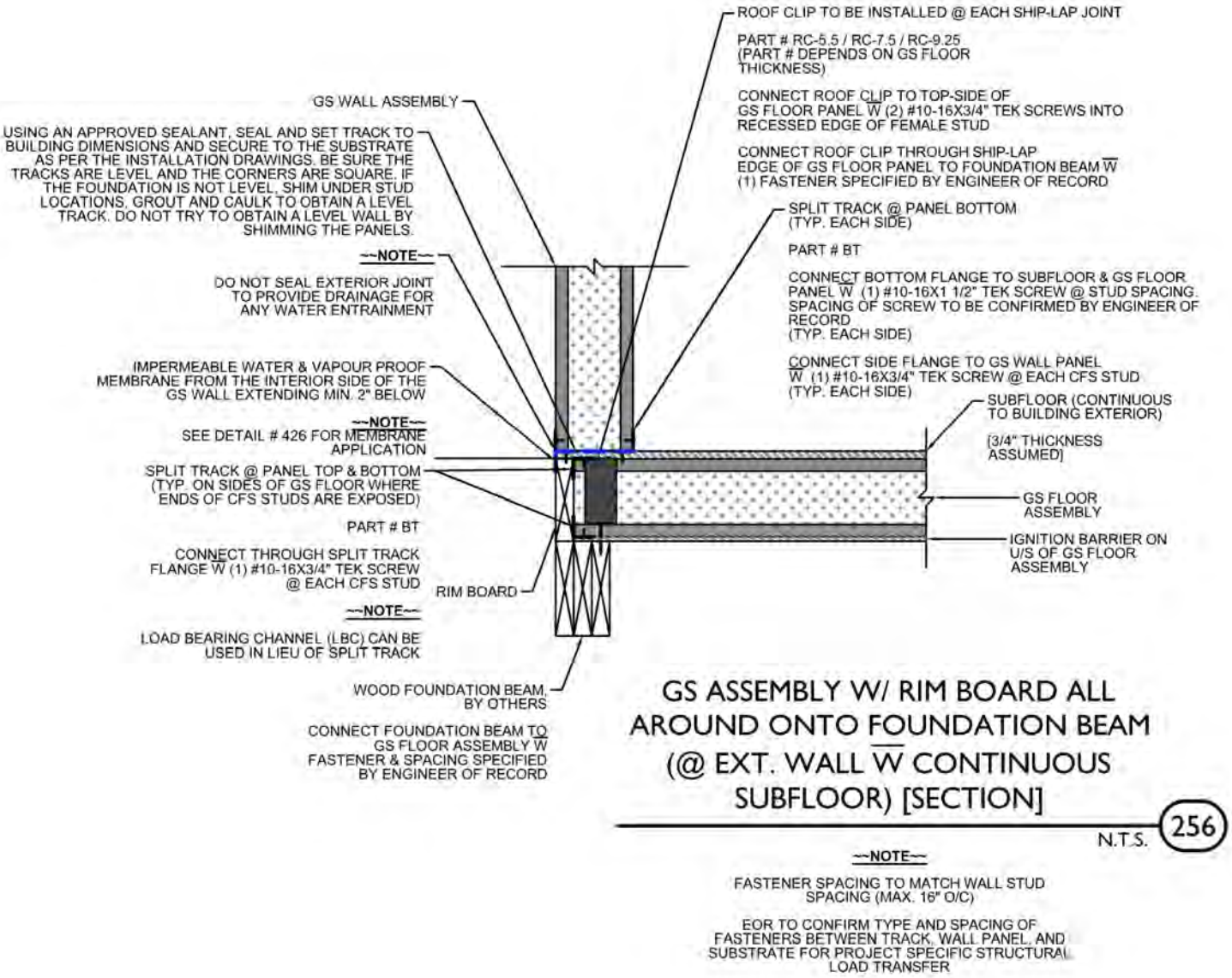
N.T.S.

255

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ASSEMBLY W/ RIM BOARD ALL AROUND ONTO FOUNDATION BEAM (@ EXT. WALL W CONTINUOUS SUBFLOOR) [SECTION]

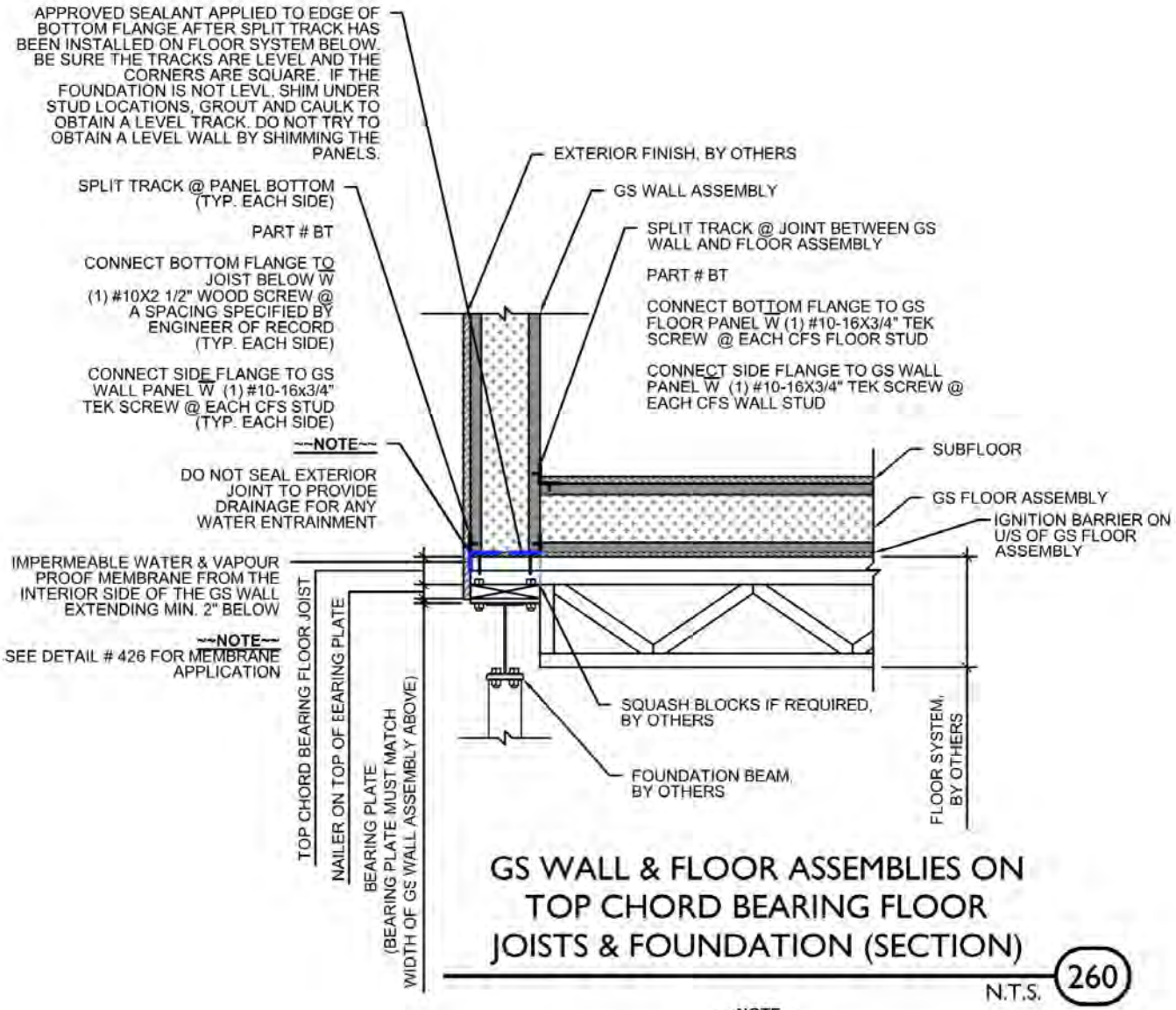
256

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS WALL & FLOOR ASSEMBLIES ON TOP CHORD BEARING FLOOR JOISTS & FOUNDATION (SECTION)

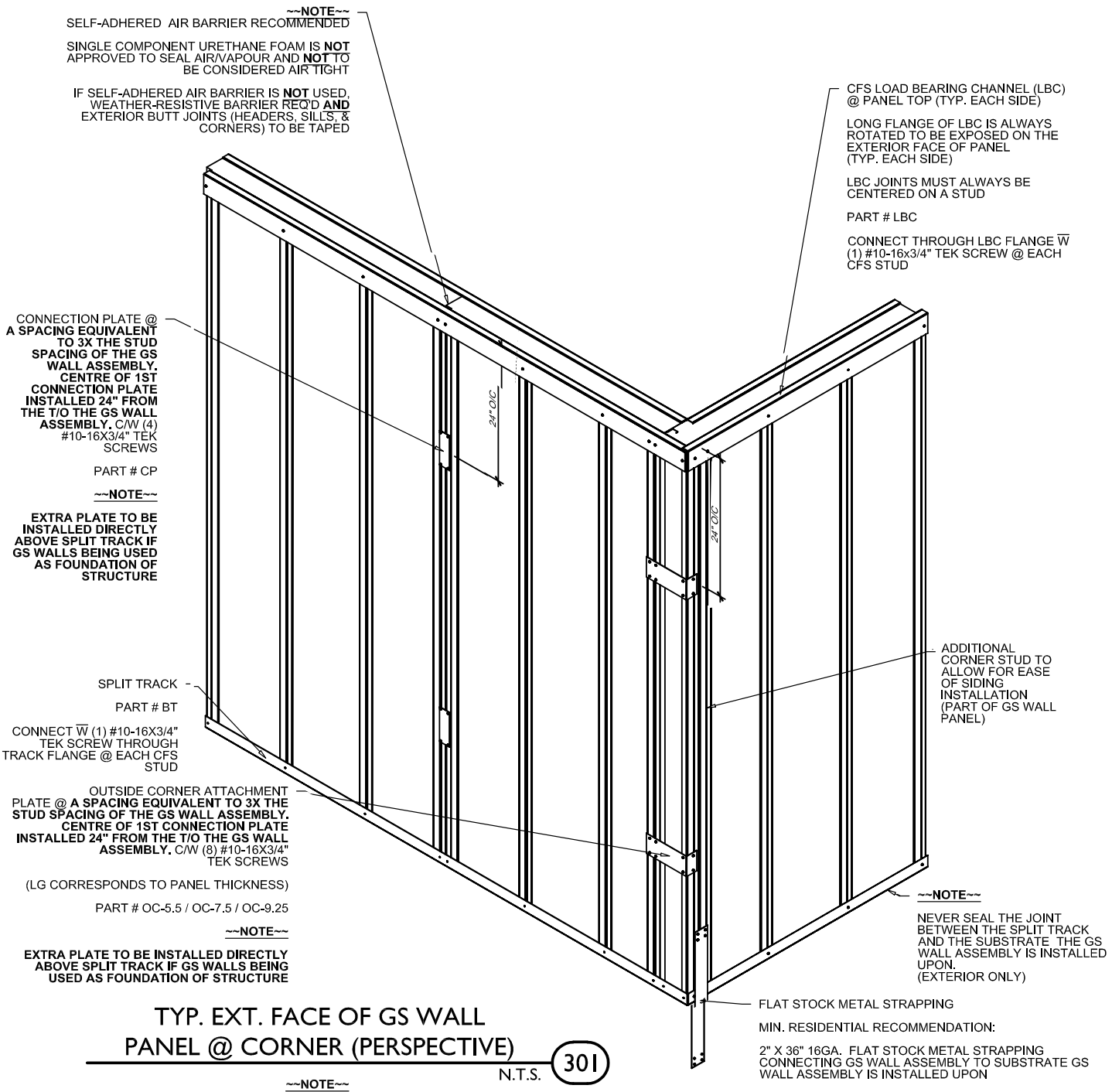
N.T.S.

260

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



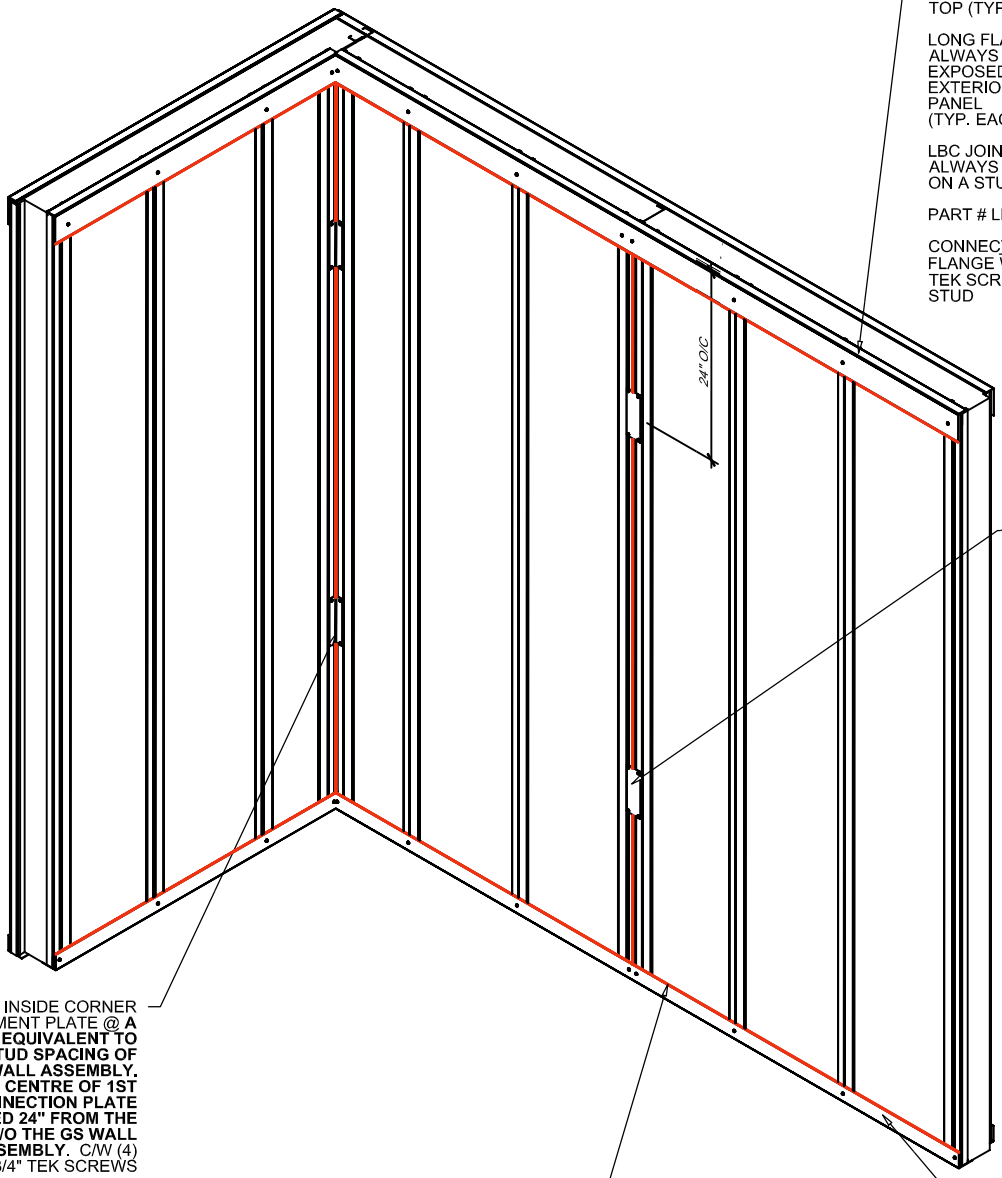
TYP. EXT. FACE OF GS WALL PANEL @ CORNER (PERSPECTIVE)

N.T.S. 301

~~NOTE~~

1. GREENSTONE WALL PANELS ARE INSTALLED WITH THE "FRONT OF PANEL" FACING THE OUTSIDE OF THE STRUCTURE.

2. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**



CFS LOAD BEARING CHANNEL (LBC) @ PANEL TOP (TYP. EACH SIDE)

LONG FLANGE OF LBC IS ALWAYS ROTATED TO BE EXPOSED ON THE EXTERIOR FACE OF PANEL (TYP. EACH SIDE)

LBC JOINTS MUST ALWAYS BE CENTERED ON A STUD

PART # LBC

CONNECT THROUGH LBC FLANGE W/ (1) #10-16x3/4" TEK SCREW @ EACH CFS STUD

CONNECTION PLATE @ **A SPACING EQUIVALENT TO 3X THE STUD SPACING OF THE GS WALL ASSEMBLY. CENTRE OF 1ST CONNECTION PLATE INSTALLED 24" FROM THE T/O THE GS WALL ASSEMBLY.** C/W (4) #10-16X3/4" TEK SCREWS

PART # CP

~~NOTE~~

EXTRA PLATE TO BE INSTALLED DIRECTLY ABOVE SPLIT TRACK IF GS WALLS BEING USED AS FOUNDATION OF STRUCTURE

INSIDE CORNER ATTACHMENT PLATE @ **A SPACING EQUIVALENT TO 3X THE STUD SPACING OF THE GS WALL ASSEMBLY. CENTRE OF 1ST CONNECTION PLATE INSTALLED 24" FROM THE T/O THE GS WALL ASSEMBLY.** C/W (4) #10-16X3/4" TEK SCREWS

PART # IC

~~NOTE~~

EXTRA PLATE TO BE INSTALLED DIRECTLY ABOVE SPLIT TRACK IF GS WALLS BEING USED AS FOUNDATION OF STRUCTURE.

APPROVED VAPOUR BARRIER TAPE AT ALL SEAMS INCLUDING BASE TRACK & LBC

SPLIT TRACK

PART # BT

CONNECT W/ (1) #10-16X3/4" TEK SCREW THROUGH TRACK FLANGE @ EACH CFS STUD

~~NOTE~~

1. GREENSTONE WALL PANELS ARE INSTALLED WITH THE "FRONT OF PANEL" FACING THE OUTSIDE OF THE STRUCTURE.

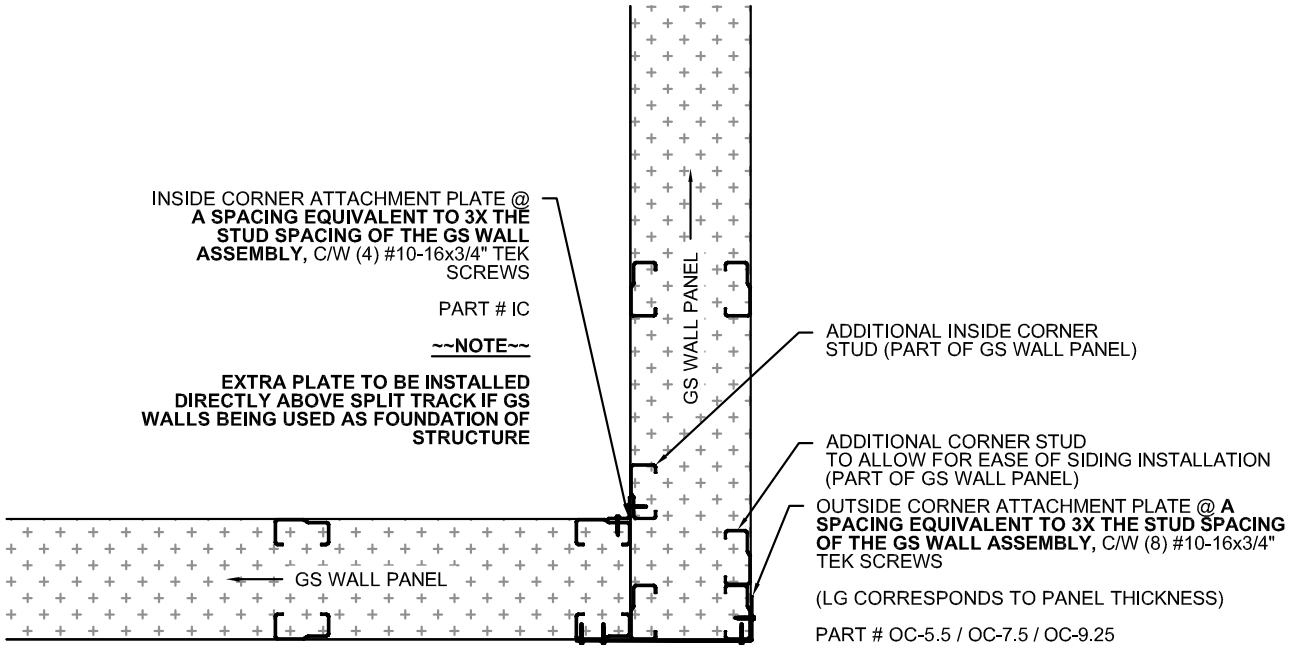
2. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**

3. SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

TYP. INT. FACE OF GS WALL PANEL @ CORNER (PERSPECTIVE)

N.T.S.

302



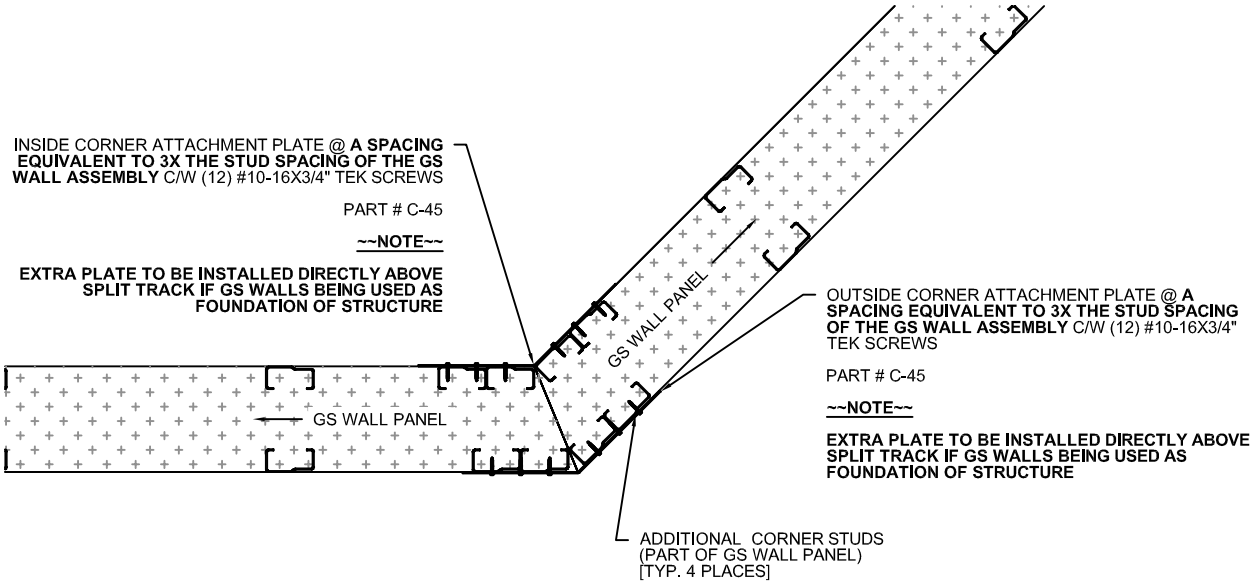
~~NOTE~~

1. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**

2. SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

90° CORNER (PLAN)

N.T.S. 303

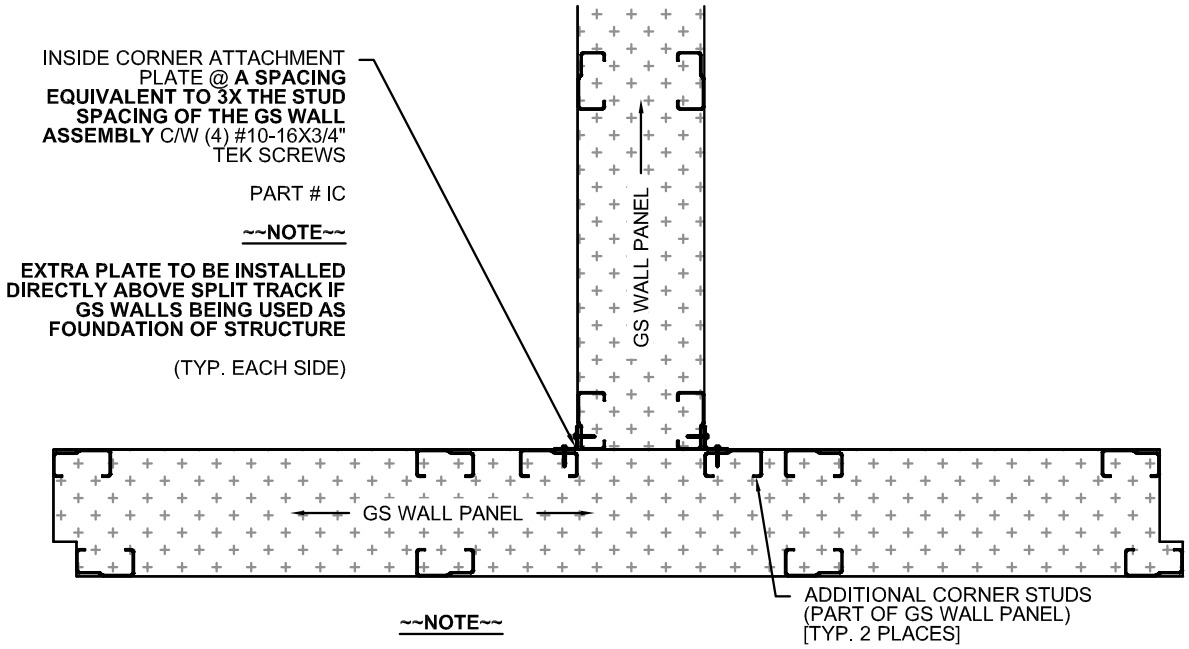


~~NOTE~~

1. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**
2. SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

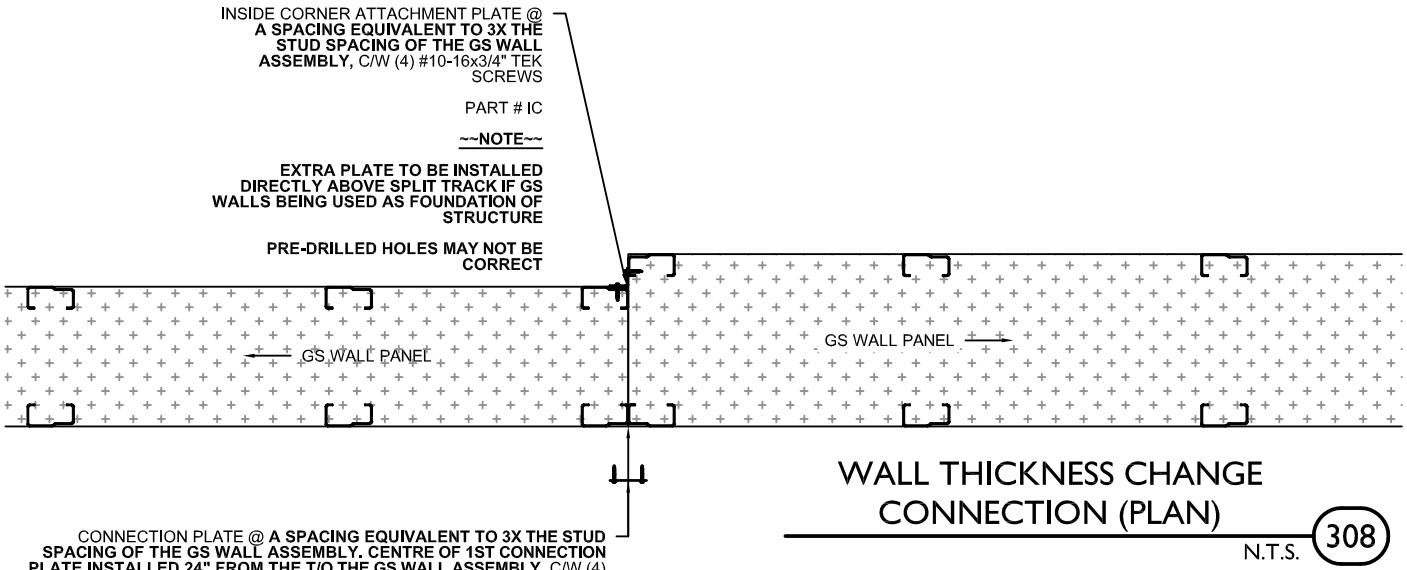
VARIABLE ANGLE CORNER (PLAN)

N.T.S. 304



GS WALL INTERSECTION (PLAN) 306

N.T.S.



WALL THICKNESS CHANGE CONNECTION (PLAN)

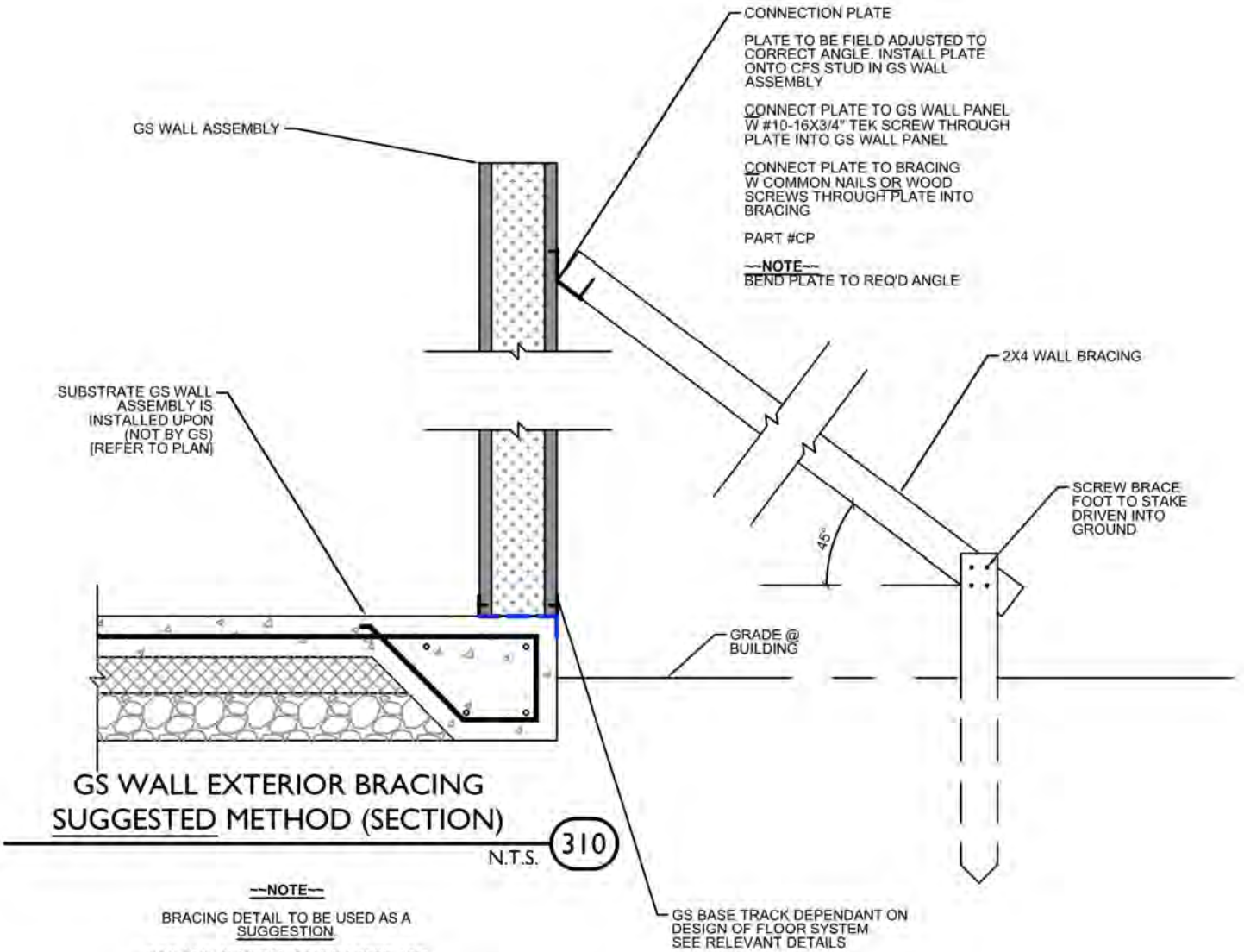
N.T.S.

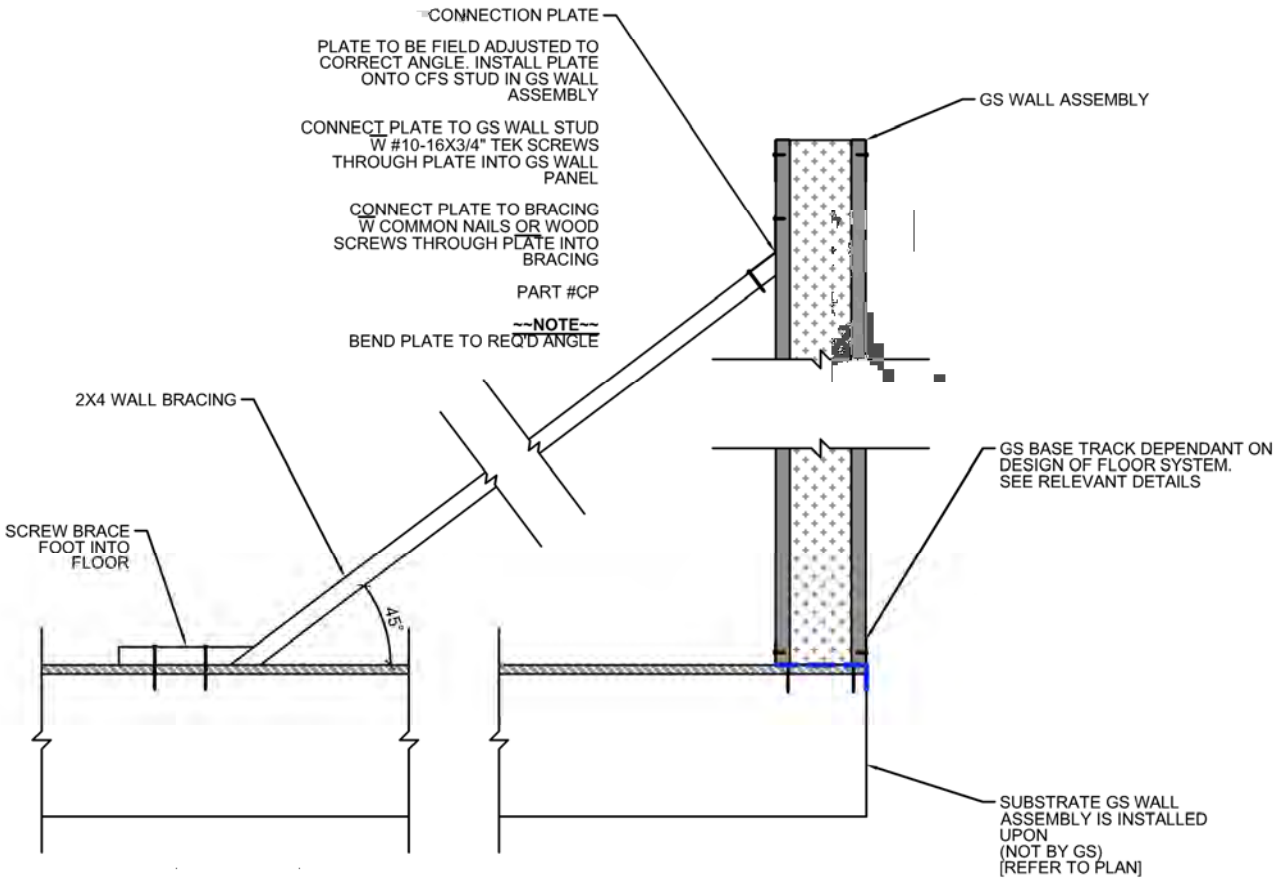
308

~~NOTE~~

1. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**

2. SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT





GS WALL INTERIOR BRACING SUGGESTED METHOD (SECTION)

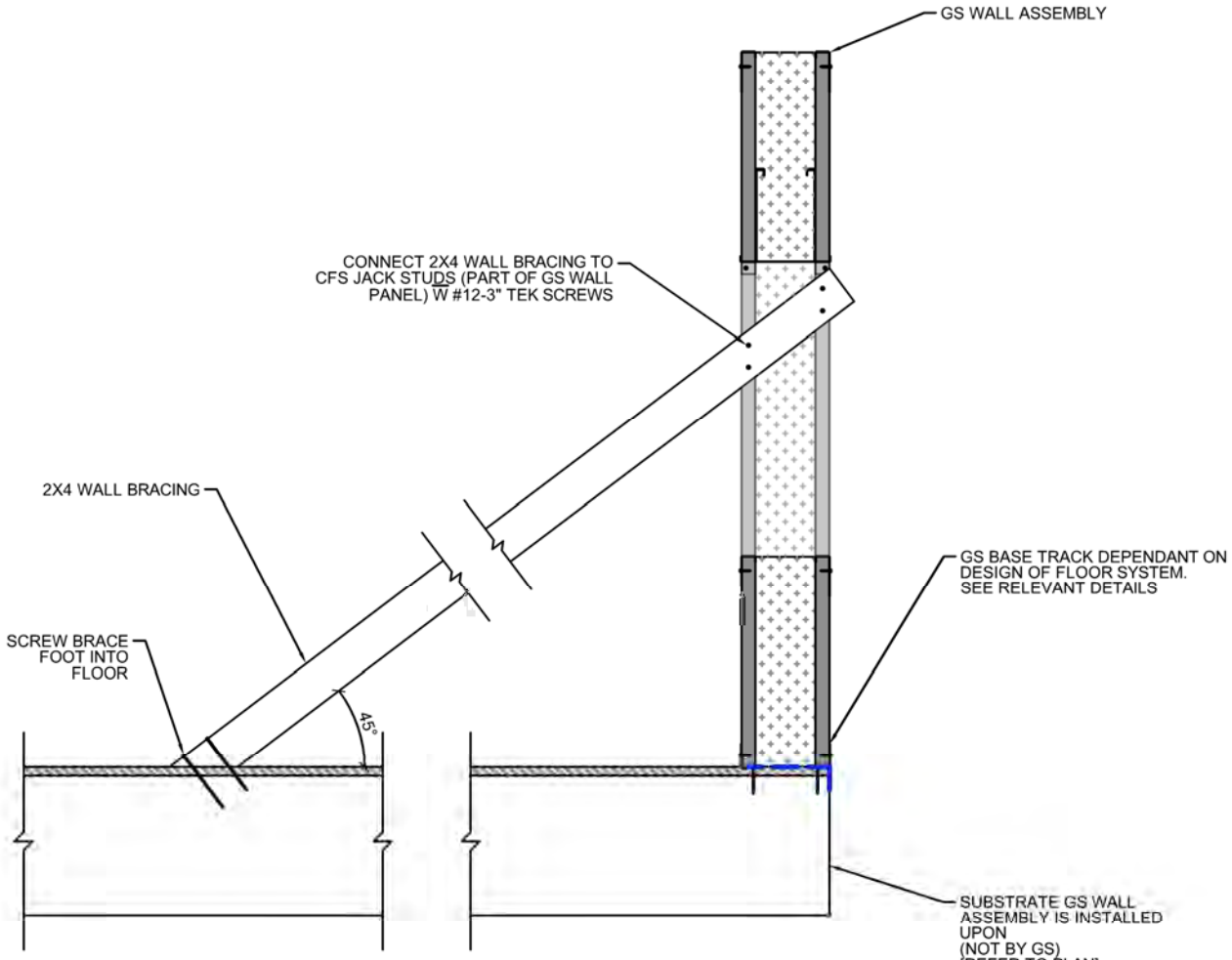
N.T.S. 311A

~~NOTE~~

BRACING DETAIL TO BE USED AS A SUGGESTION.

EOR AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PROVIDING ADEQUATE BRACING.

GS ACCEPTS NO RESPONSIBILITY FOR BRACING METHODS PRACTICED IN THE FIELD.



GS WALL INTERIOR BRACING SUGGESTED METHOD (SECTION)

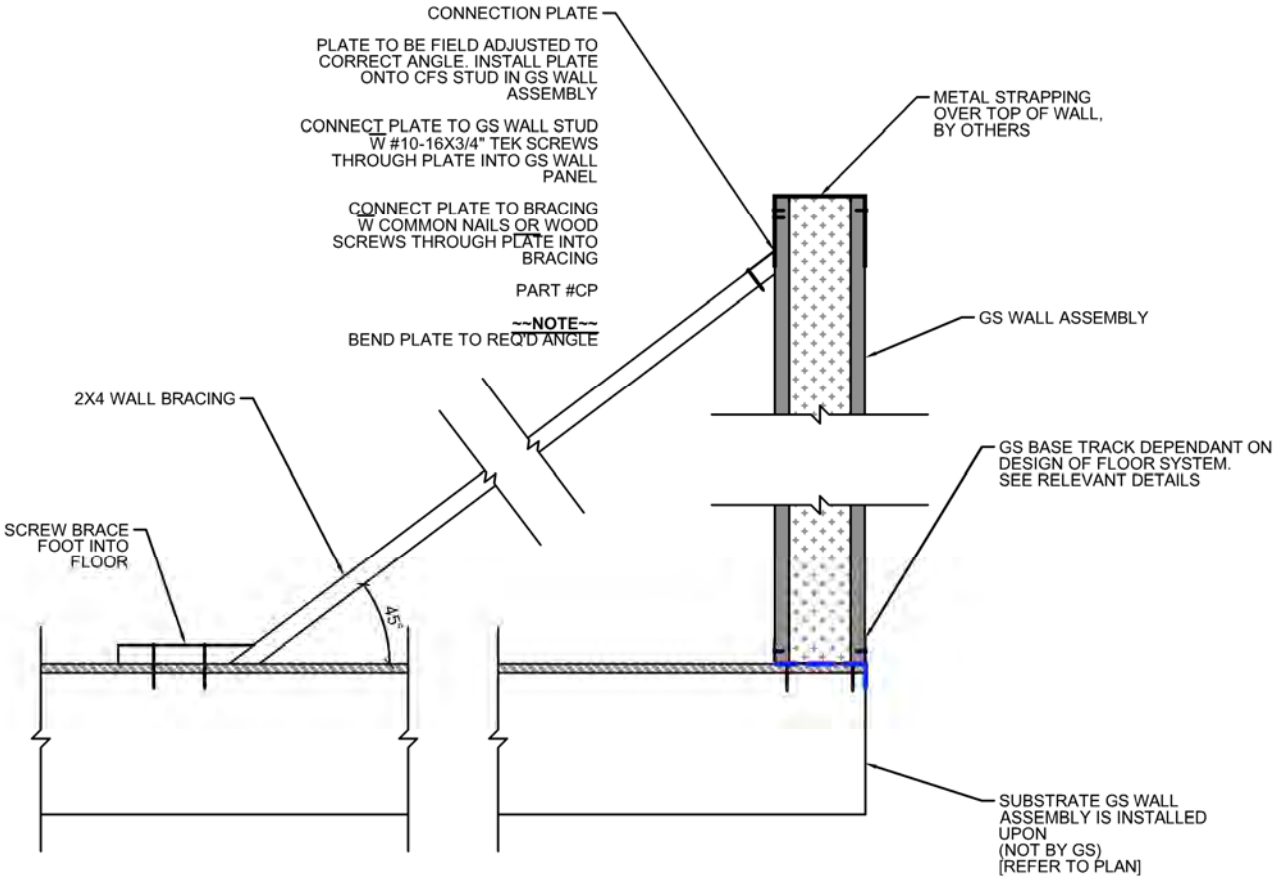
N.T.S. 311B

~~NOTE~~

BRACING DETAIL TO BE USED AS A SUGGESTION.

EOR AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PROVIDING ADEQUATE BRACING.

GS ACCEPTS NO RESPONSIBILITY FOR BRACING METHODS PRACTICED IN THE FIELD.



GS WALL INTERIOR BRACING SUGGESTED METHOD (SECTION)

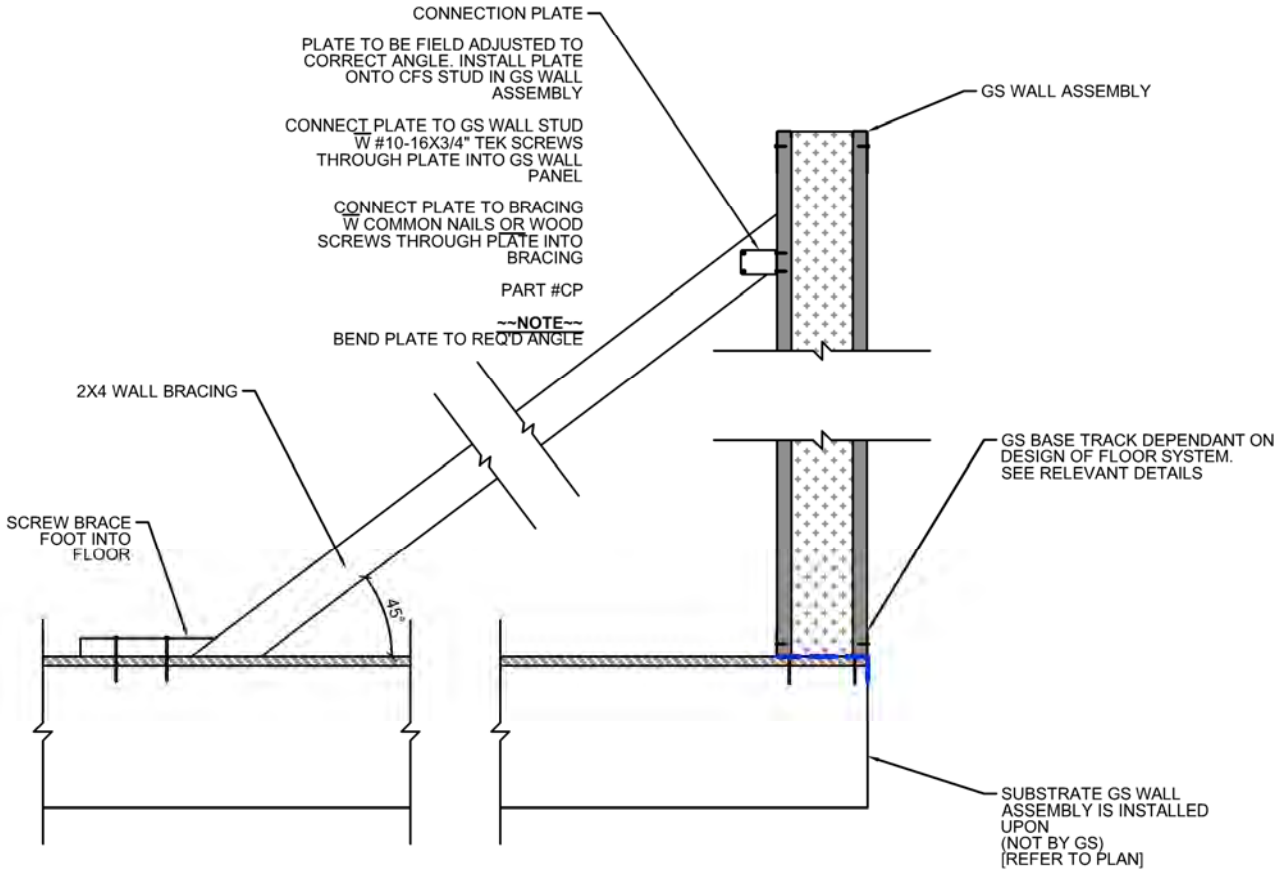
N.T.S. 311C

~~NOTE~~

BRACING DETAIL TO BE USED AS A SUGGESTION.

EOR AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PROVIDING ADEQUATE BRACING.

GS ACCEPTS NO RESPONSIBILITY FOR BRACING METHODS PRACTICED IN THE FIELD.



GS WALL INTERIOR BRACING SUGGESTED METHOD (SECTION)

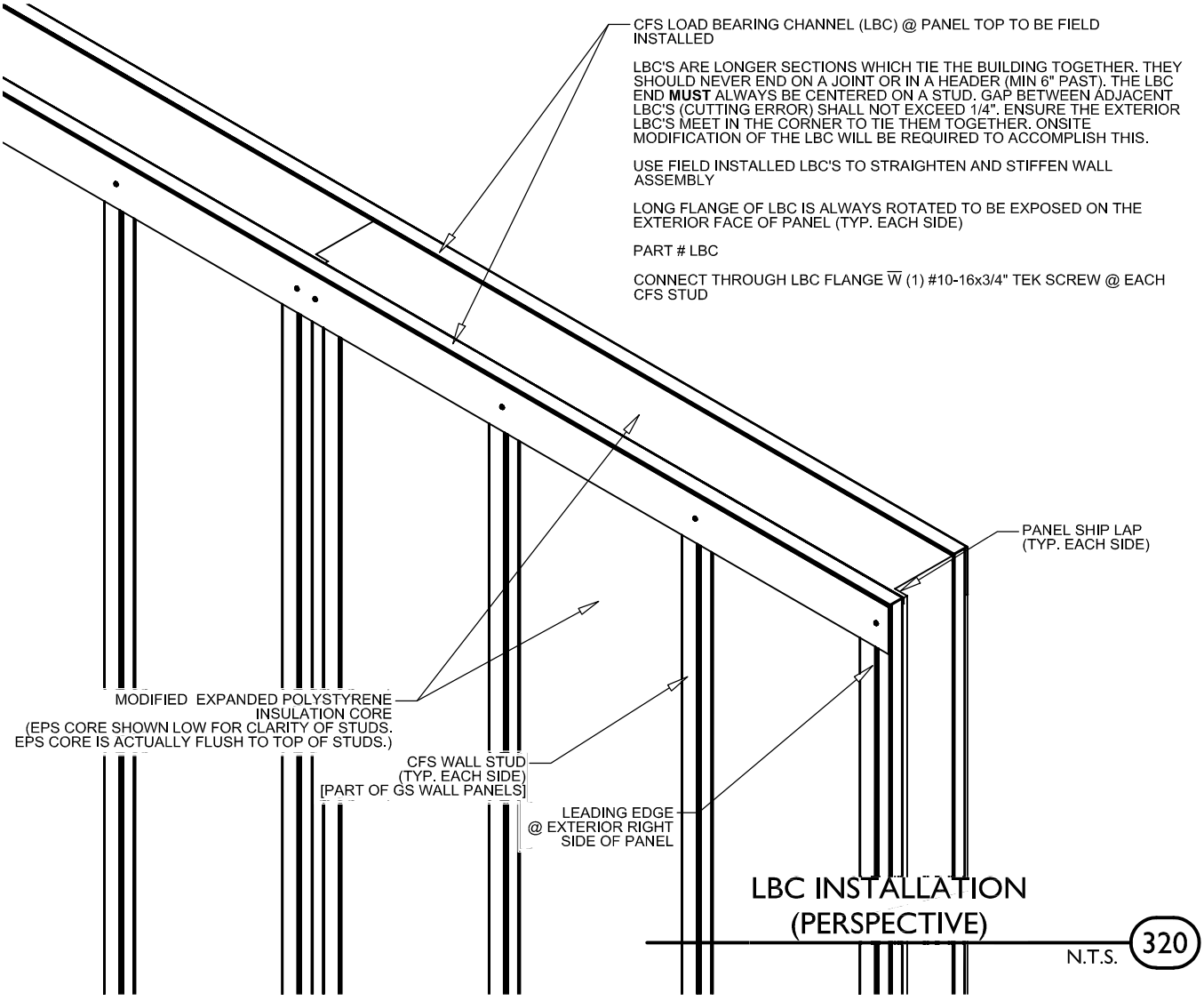
N.T.S. 311D

~~NOTE~~

BRACING DETAIL TO BE USED AS A SUGGESTION.

EOR AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PROVIDING ADEQUATE BRACING.

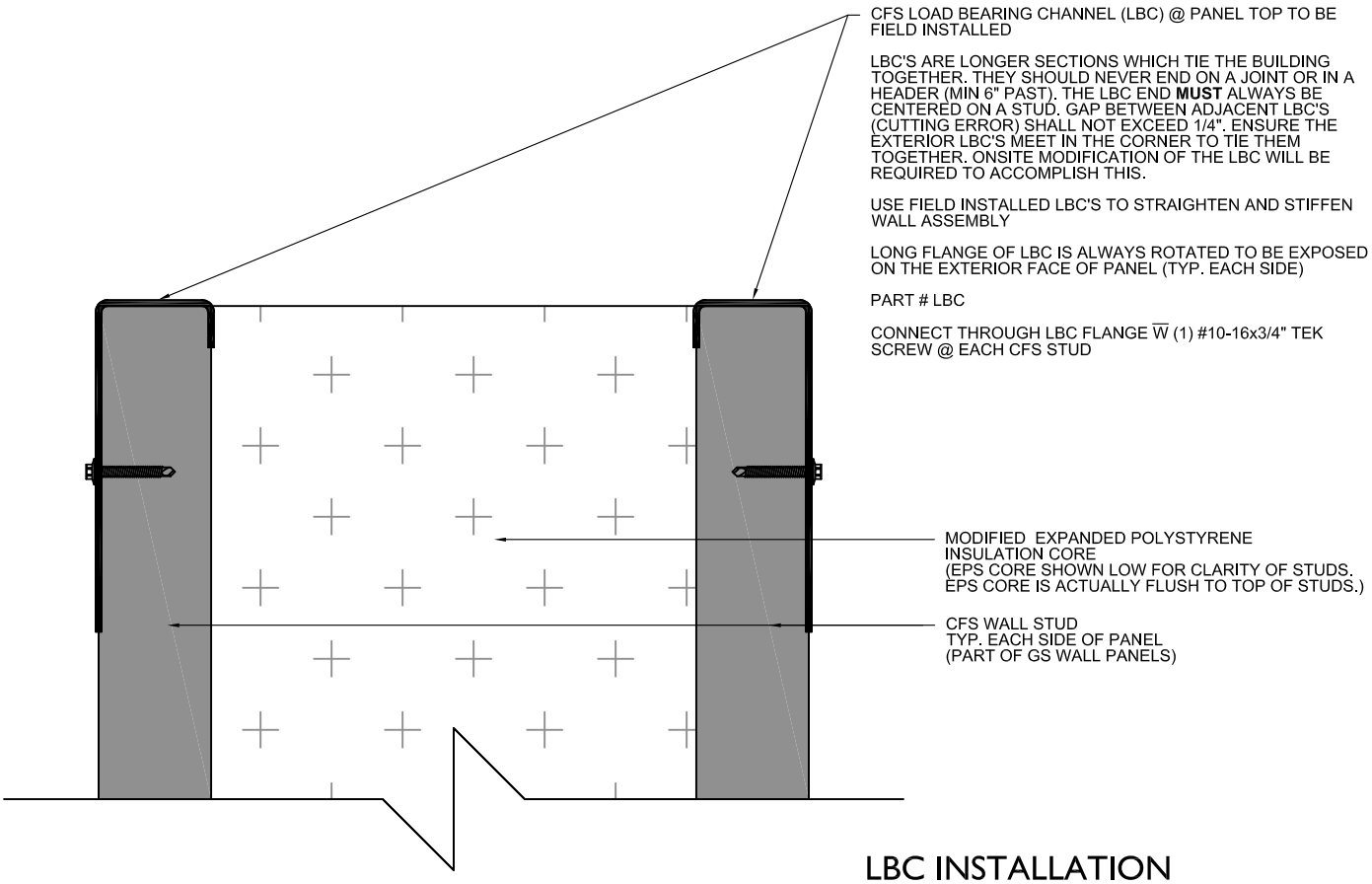
GS ACCEPTS NO RESPONSIBILITY FOR BRACING METHODS PRACTICED IN THE FIELD.



LBC INSTALLATION (PERSPECTIVE)

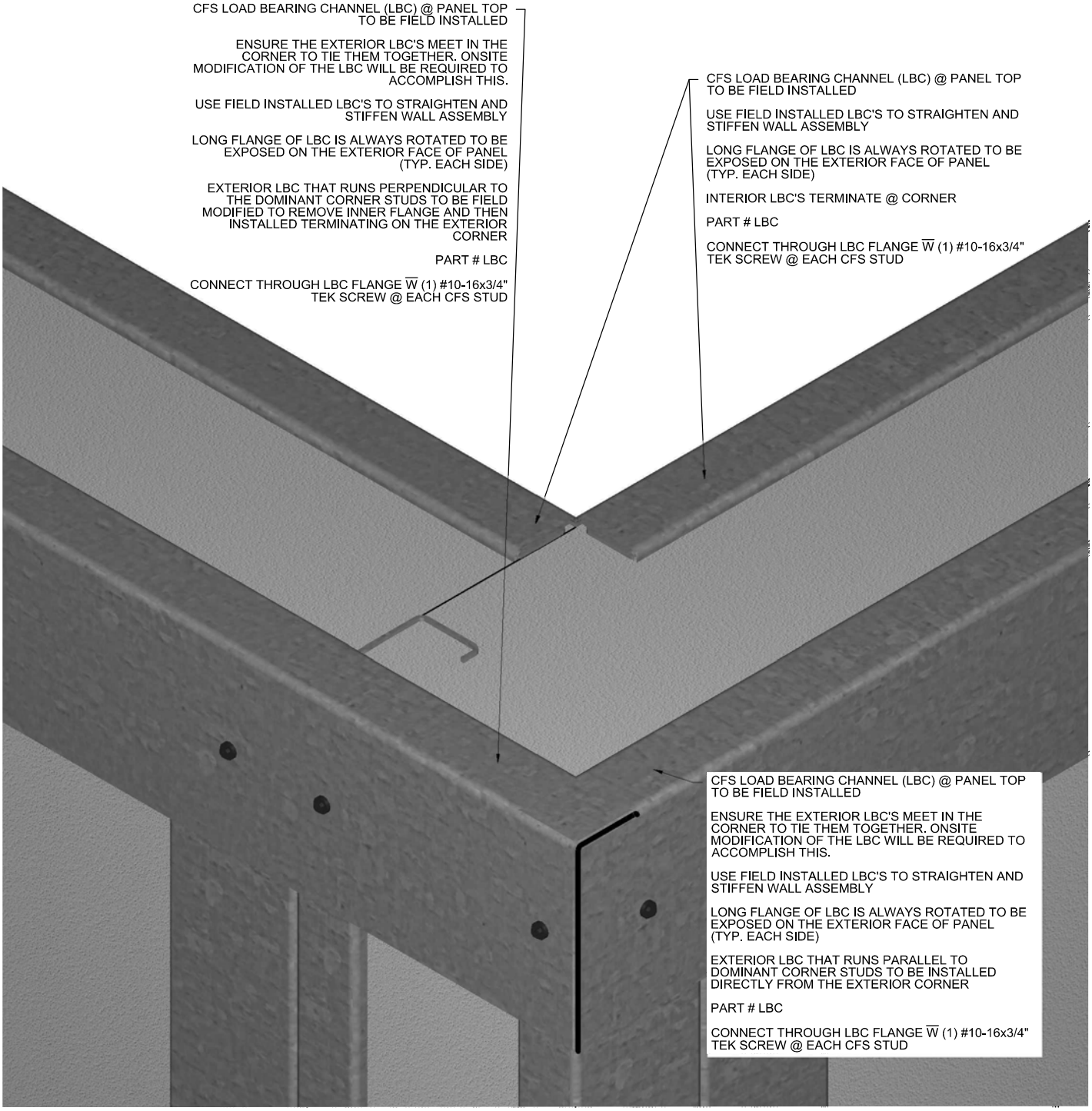
N.T.S.

320



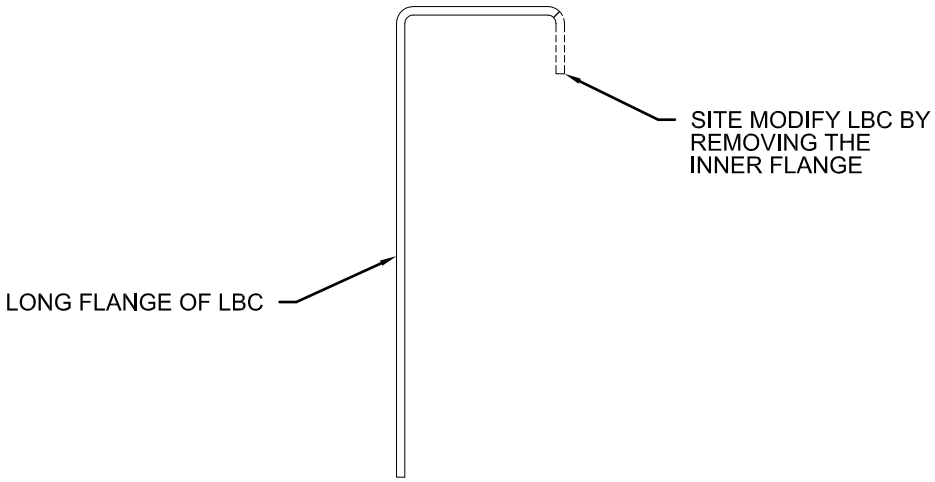
LBC INSTALLATION (SECTION)

N.T.S. 321



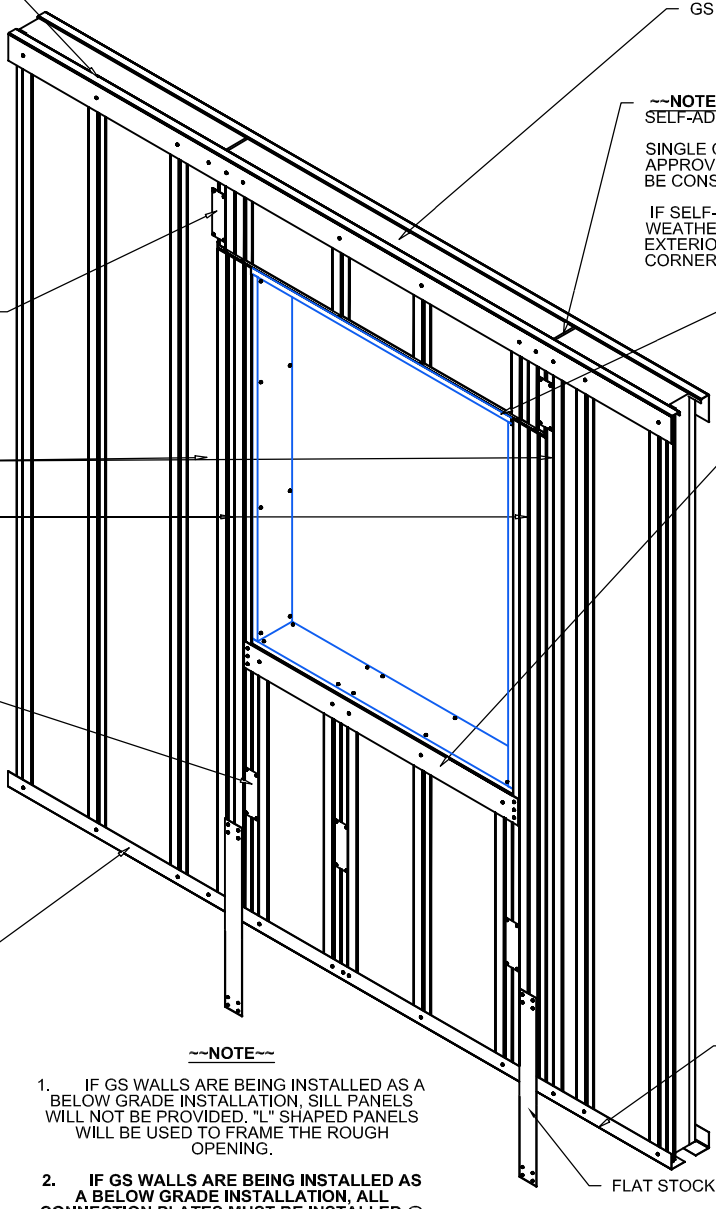
LBC CORNER MODIFICATION (PERSPECTIVE)

N.T.S. 322



LBC CORNER MODIFICATION (SECTION)

N.T.S. 323



CFS LOAD BEARING CHANNEL (LBC) @ PANEL TOP (TYP. EACH SIDE)

LONG FLANGE OF LBC IS ALWAYS ROTATED TO BE EXPOSED ON THE EXTERIOR FACE OF PANEL (TYP. EACH SIDE)

LBC JOINTS MUST ALWAYS BE CENTERED ON A STUD

PART # LBC

CONNECT THROUGH LBC FLANGE W (1) #10-16x3/4" TEK SCREW @ EACH CFS STUD (TYP. EACH SIDE)

~~NOTE~~

LBC SHOULD NEVER END ON A JOINT OR IN A HEADER (MIN. 6" PAST)

CONNECT GS HEADER PANEL TO GS WALL PANEL W CONNECTION PLATE ON BOTH SIDES OF PANEL

CONNECT TO CFS STUDS W (4) #10-16X3/4" TEK SCREWS

PART # CP

CFS KING STUDS (PART OF GS WALL PANEL)

CFS JACK STUDS (PART OF GS WALL PANEL)

~~NOTE~~

JACK STUDS CAN BE 1-3 STUDS WIDE (SIZE & GAUGE DETERMINED BY GS ENGINEER)

CONNECT GS SILL PANEL TO GS WALL PANEL W CONNECTION PLATE ON BOTH SIDES OF PANEL @ **A SPACING EQUIVALENT TO 3X THE STUD SPACING OF THE GS WALL ASSEMBLY.**

CONNECT TO CFS STUDS W (4) #10-16X3/4" TEK SCREWS

PART # CP

SPLIT TRACK

PART # BT

CONNECT W (1) #10-16X3/4" TEK SCREW THROUGH TRACK FLANGE @ EACH CFS STUD

GS HEADER PANEL

~~NOTE~~
SELF-ADHERED AIR BARRIER RECOMMENDED

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

IF SELF-ADHERED AIR BARRIER IS **NOT** USED, WEATHER-RESISTIVE BARRIER REQ'D **AND** EXTERIOR BUTT JOINTS (HEADERS, SILLS, & CORNERS) TO BE TAPED

WINDOW OPENING IN GS WALL ASSEMBLY TO BE LINED W 3/4" PLYWOOD SHEATHING ON ALL 4 SIDES. PLYWOOD TO BE CONNECTED TO LBC OR CFS STUDS (BOTH EXT. & INT.) W #10-16X3/4" TEK SCREWS @ ALL CORNERS & @ STUD SPACING

CFS LOAD BEARING CHANNEL (LBC) @ TOP OF SILL HEIGHT (TYP. EACH SIDE)

LONG FLANGE OF LBC IS ALWAYS ROTATED TO BE EXPOSED ON THE EXTERIOR FACE OF PANEL (TYP. EACH SIDE)

PART # LBC

CONNECT THROUGH LBC FLANGE W (1) #10-16x3/4" TEK SCREW @ EACH CFS STUD (TYP. EACH SIDE)

~~NOTE~~

SITE MODIFY LBC BY REMOVING THE INNER FLANGE & TOP PORTION WHERE LBC MEETS JACK STUD

CONNECT MODIFIED LBC FLANGE TO CFS JACK STUDS W (3) #10-16X3/4" TEK SCREWS (TYP. EACH SIDE)

~~NOTE~~

1. IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, SILL PANELS WILL NOT BE PROVIDED. "L" SHAPED PANELS WILL BE USED TO FRAME THE ROUGH OPENING.

2. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**

~~NOTE~~

NEVER SEAL THE JOINT BETWEEN THE OUTSIDE SPLIT TRACK AND THE SUBSTRATE THE GS WALL ASSEMBLY IS INSTALLED UPON. (EXTERIOR ONLY)

FLAT STOCK METAL STRAPPING

MIN. RESIDENTIAL RECOMMENDATION:

2" X 36" 16GA. FLAT STOCK METAL STRAPPING CONNECTING GS WALL ASSEMBLY TO SUBSTRATE GS WALL ASSEMBLY IS INSTALLED UPON

STRAPPING OCCURS @:
-EA. SIDE OF WINDOW & DOOR ON EXTERIOR OF WALL
-EA. BUILDING CORNER
-ALONG EXTERIOR WALLS @ 12' O/C MAX. TOTAL SPACING

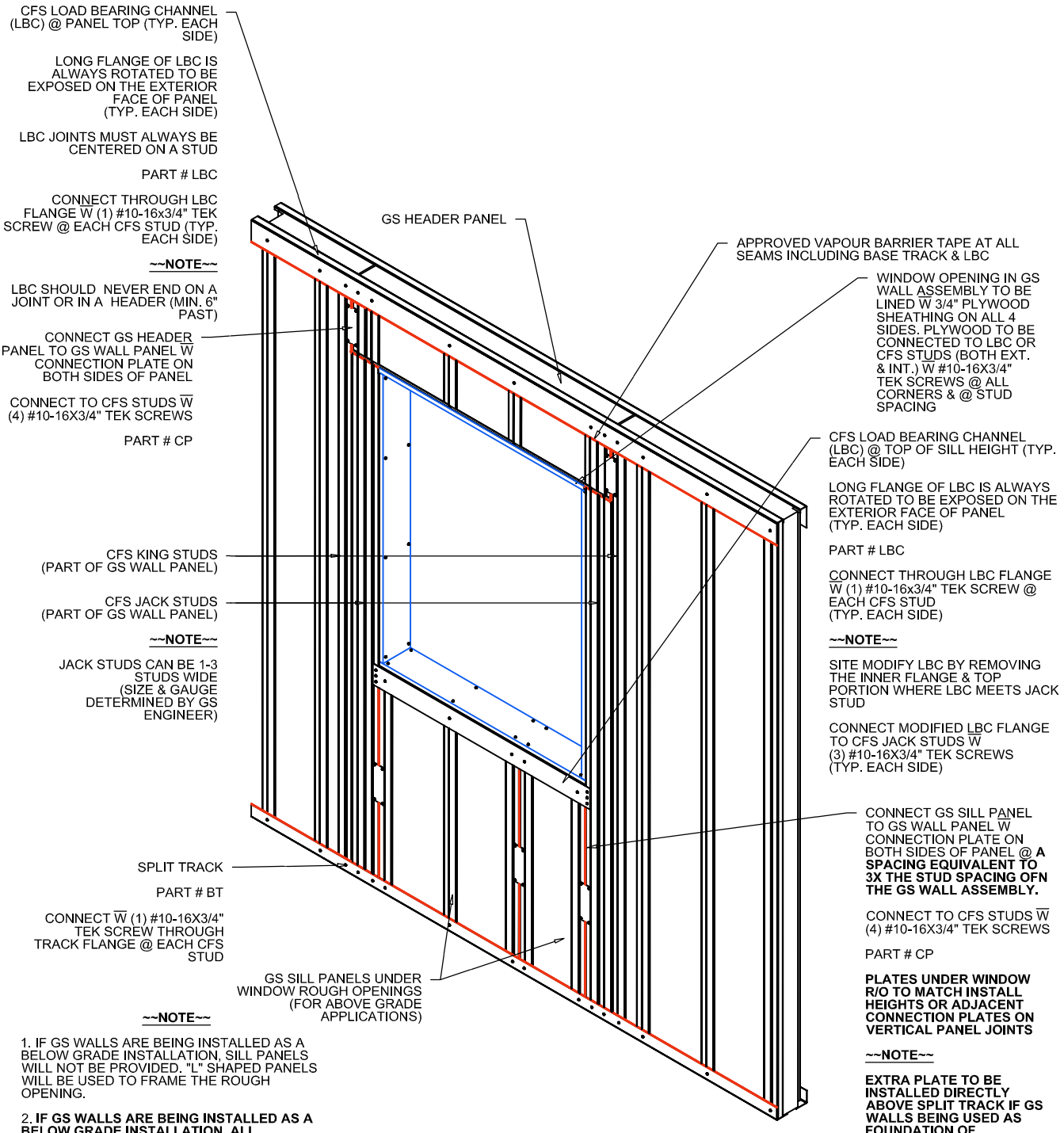
PART # TIE-DOWN STRAP

EOR TO SPECIFY STRAPPING TYPE, LENGTH & FASTENING SCHEDULE

WINDOW ROUGH OPENING (EXT.) [PERSPECTIVE]

N.T.S.

340

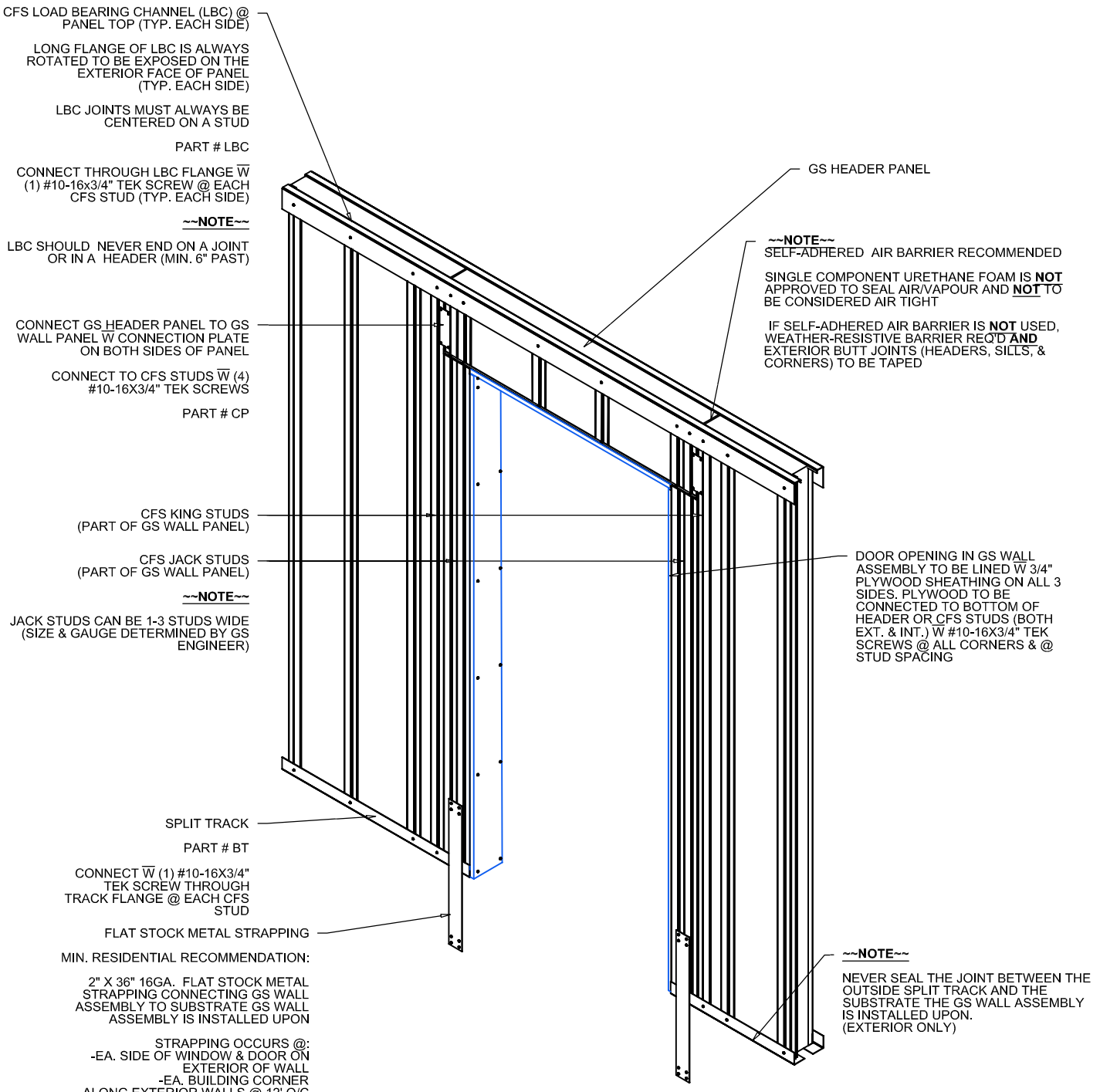


~~NOTE~~

1. IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, SILL PANELS WILL NOT BE PROVIDED. "L" SHAPED PANELS WILL BE USED TO FRAME THE ROUGH OPENING.
2. **IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C**
3. SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

WINDOW ROUGH OPENING (INT.) [PERSPECTIVE]

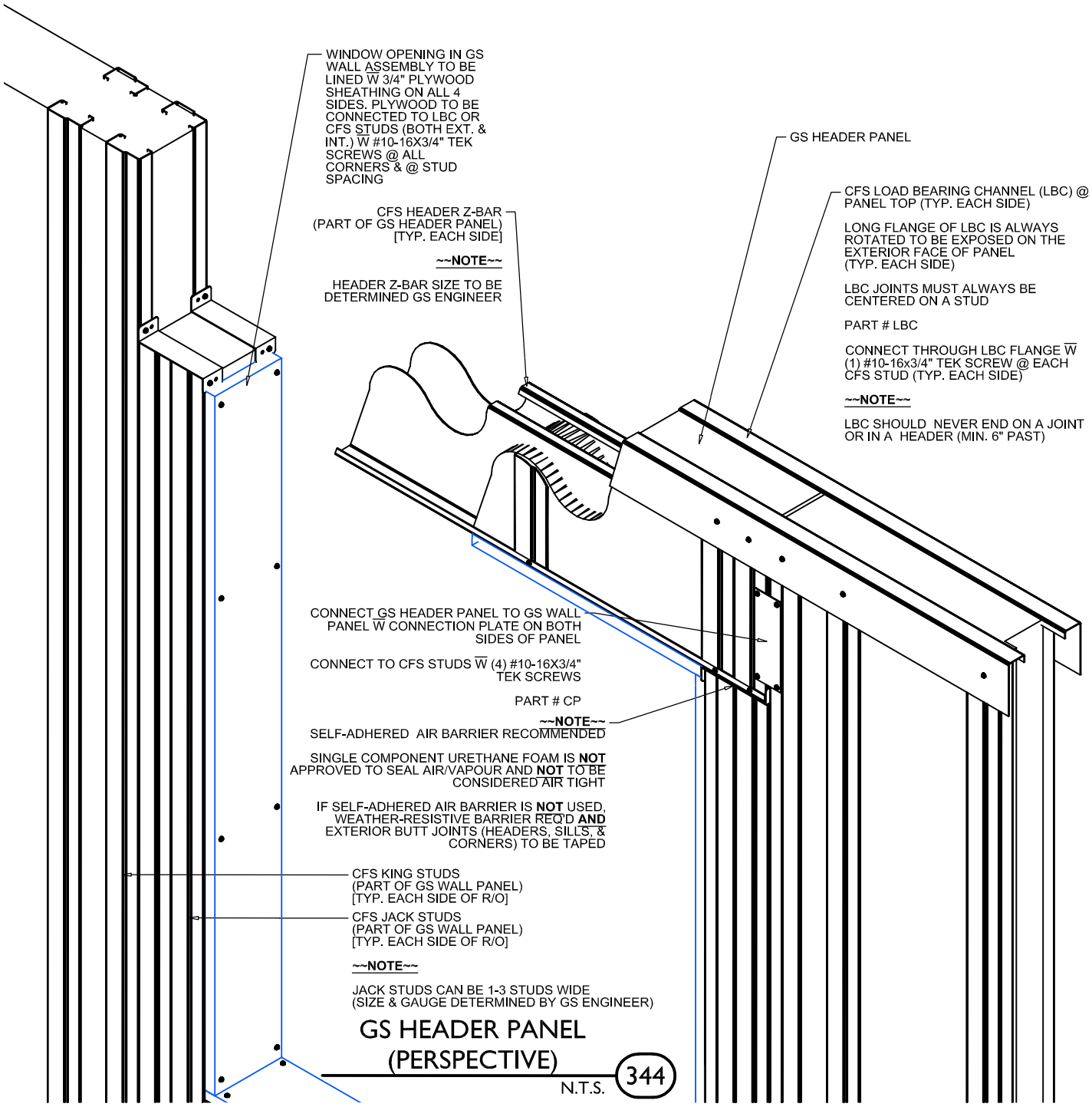
N.T.S. 341



DOOR ROUGH OPENING (EXT.) [PERSPECTIVE]

N.T.S.

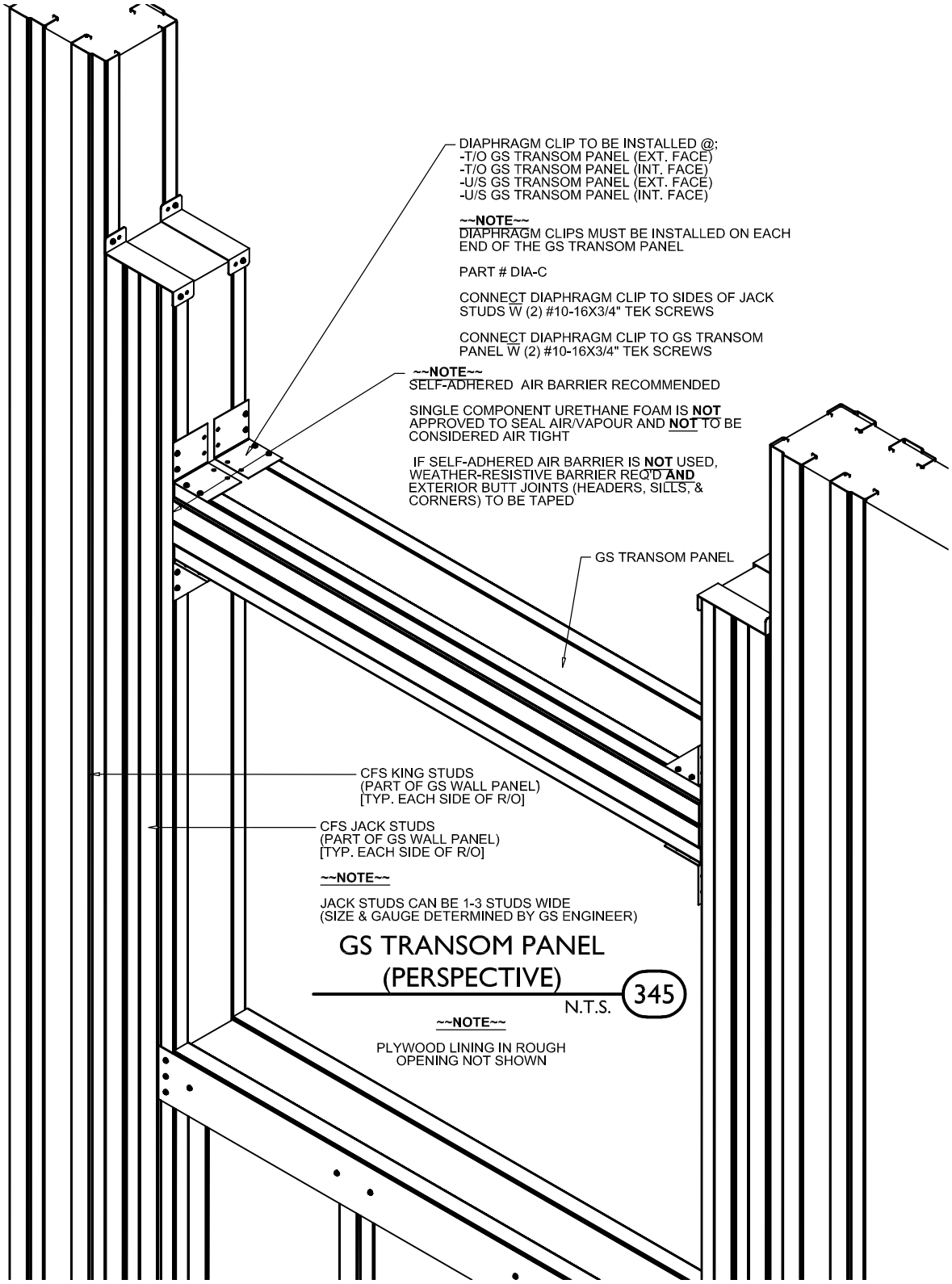
342

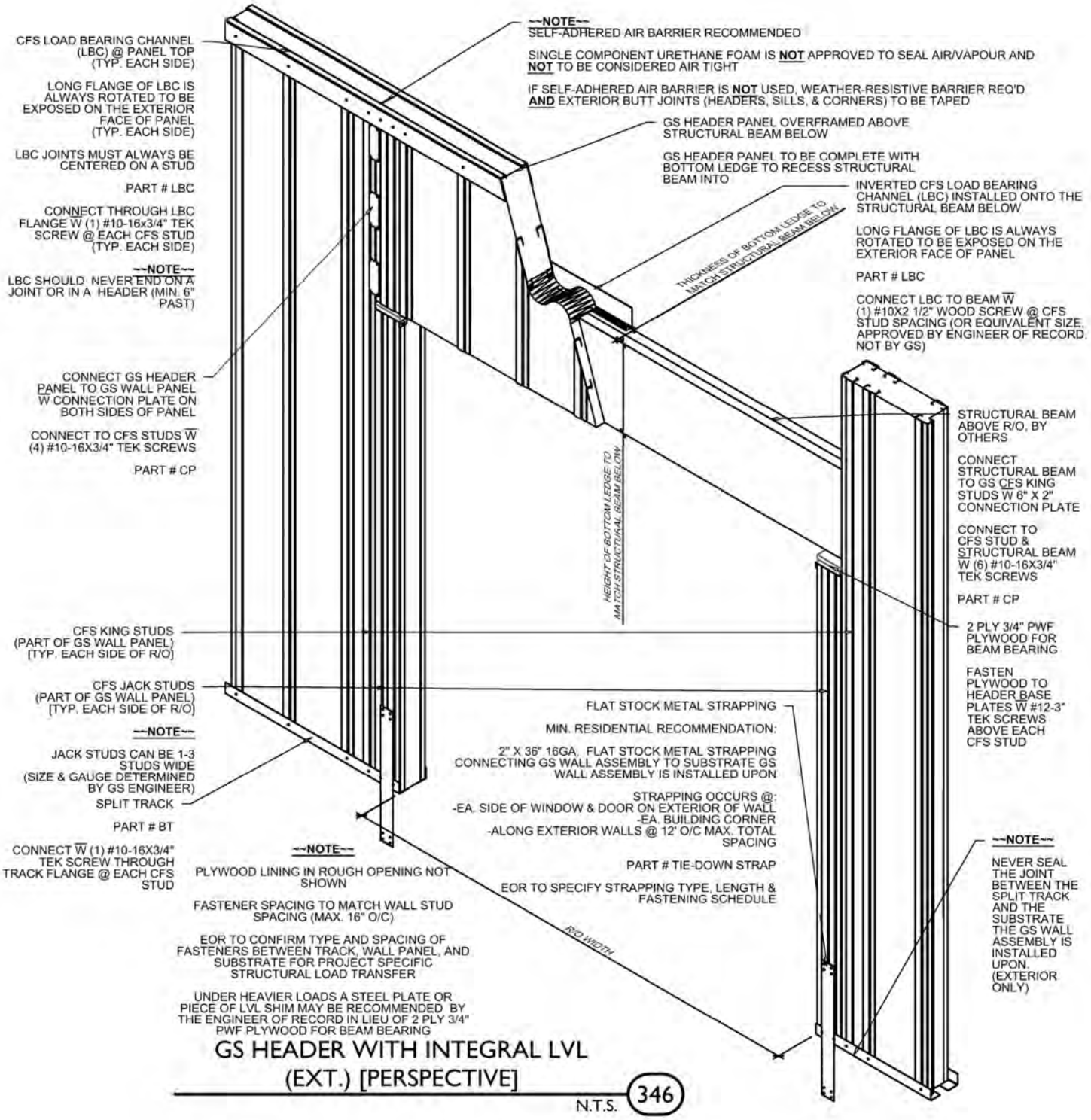


GS HEADER PANEL (PERSPECTIVE)

N.T.S.

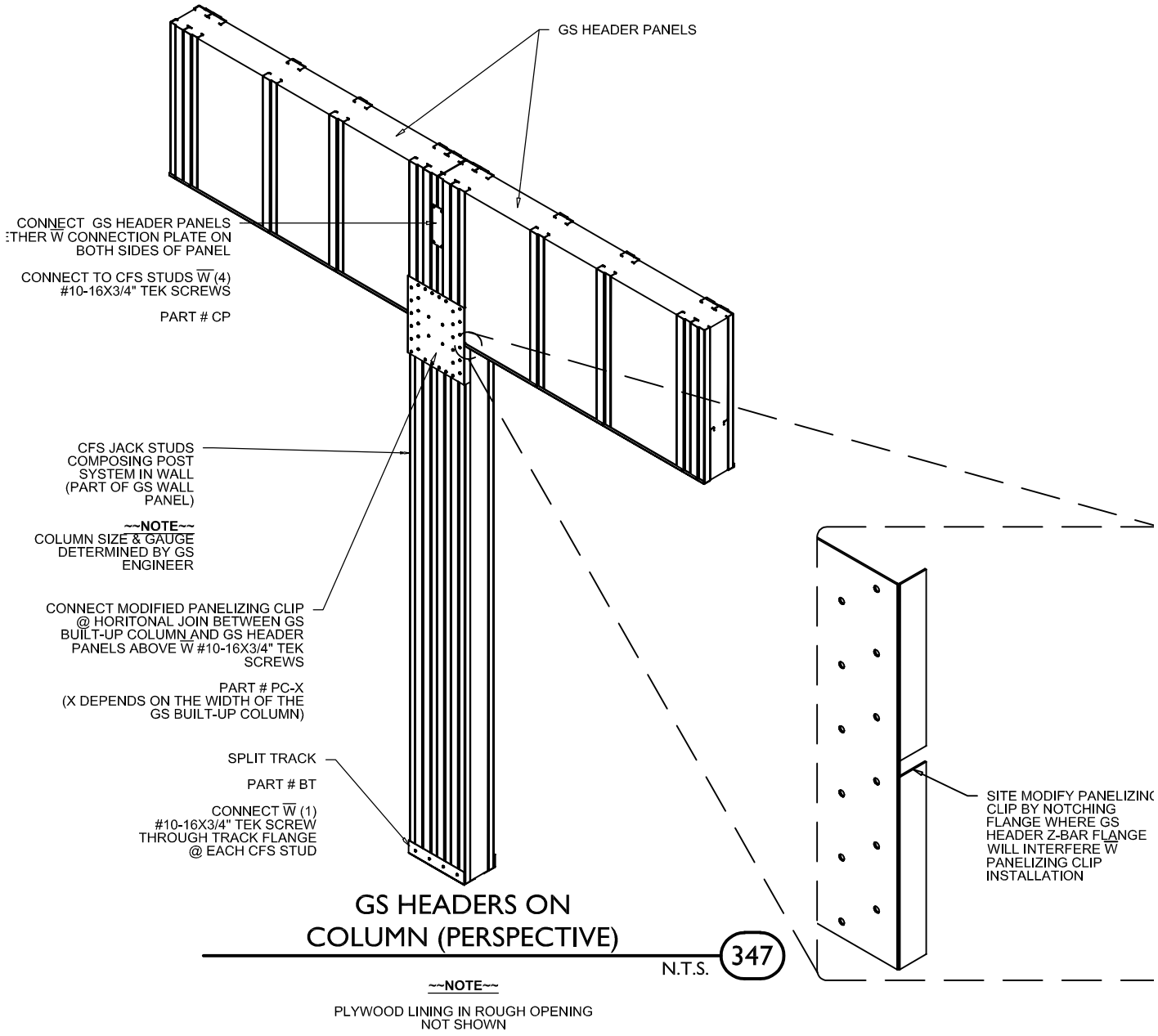
344





GS HEADER WITH INTEGRAL LVL (EXT.) [PERSPECTIVE]

N.T.S. 346

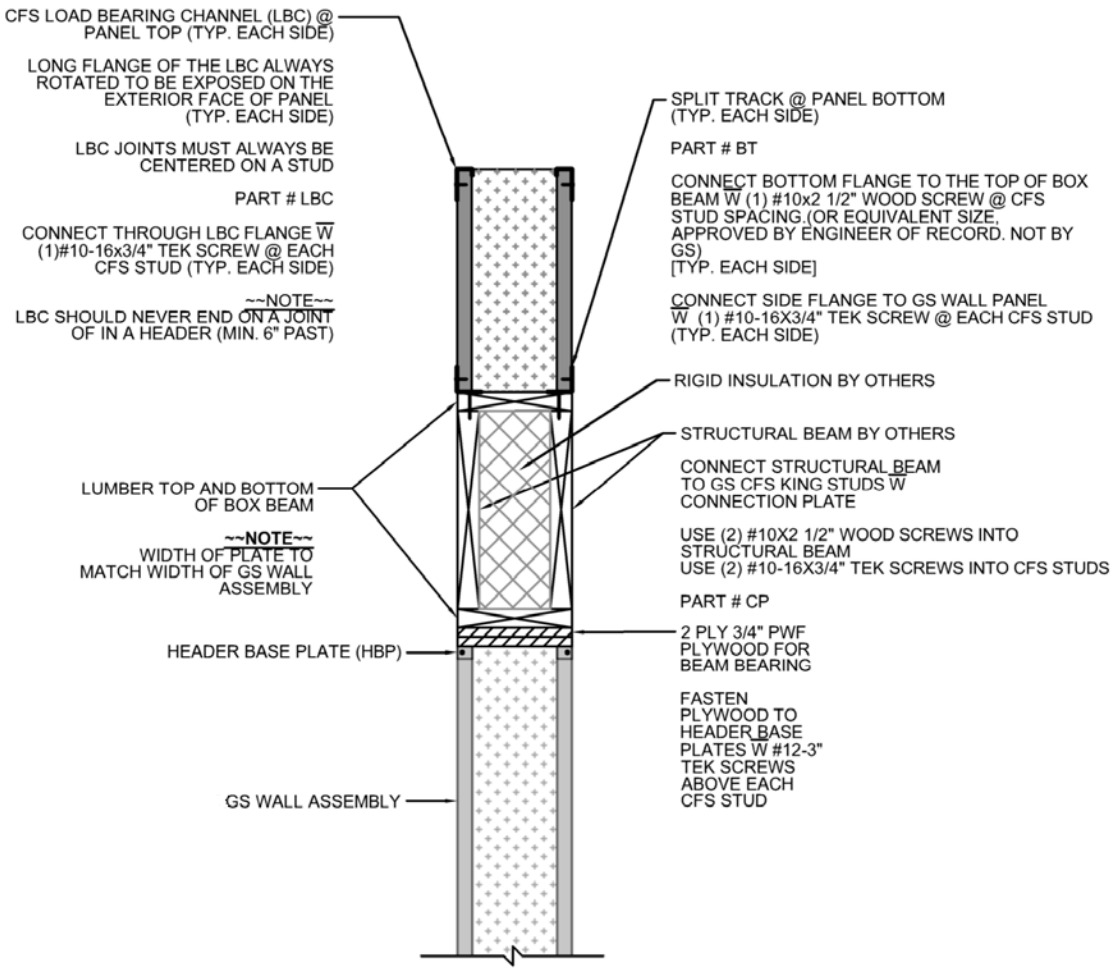


GS HEADERS ON COLUMN (PERSPECTIVE)

N.T.S. 347

~~NOTE~~

PLYWOOD LINING IN ROUGH OPENING NOT SHOWN



LVL BOX BEAM W GS WALL ASSEMBLY ABOVE (SECTION)

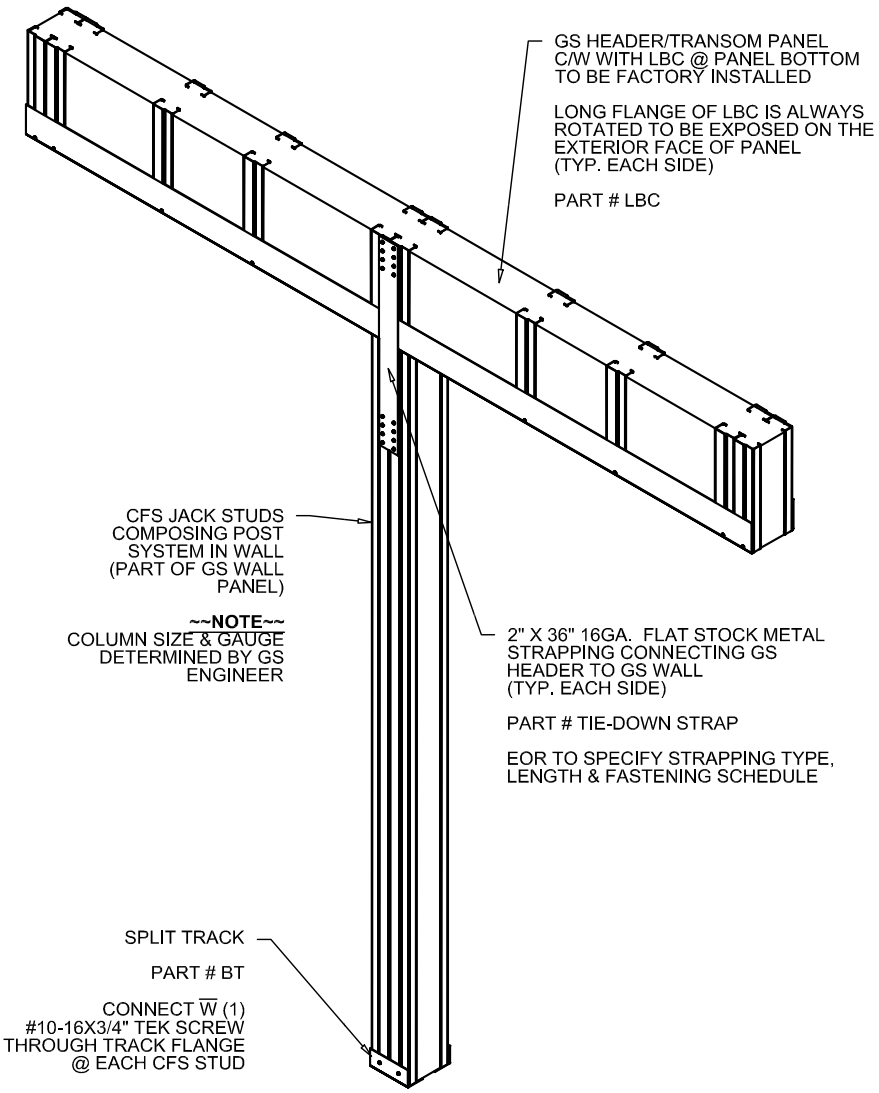
N.T.S. 348

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

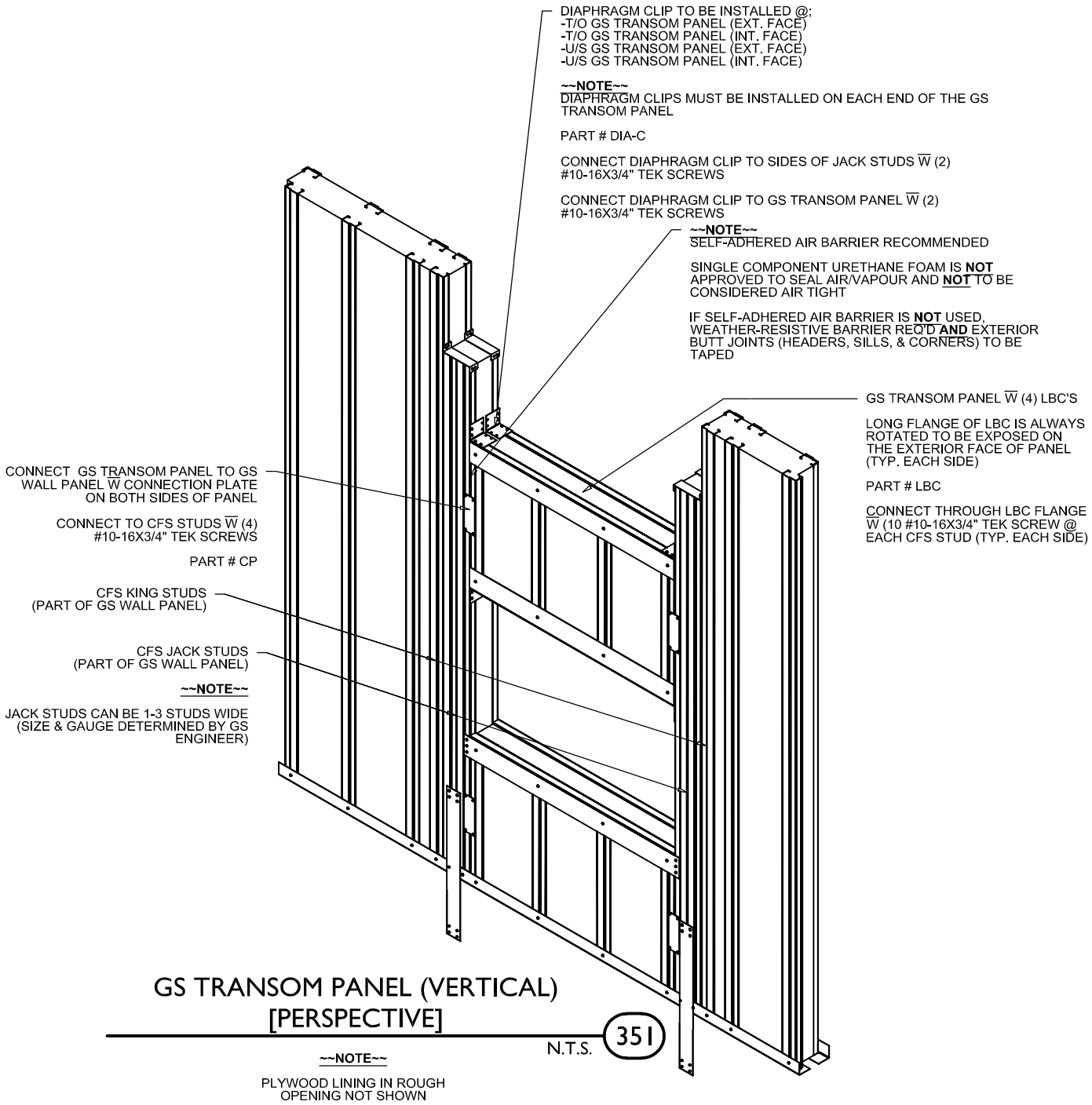


GS COLUMNS W STRAPPING (PERSPECTIVE)

N.T.S. 349

~~NOTE~~

PLYWOOD LINING IN ROUGH OPENING NOT SHOWN

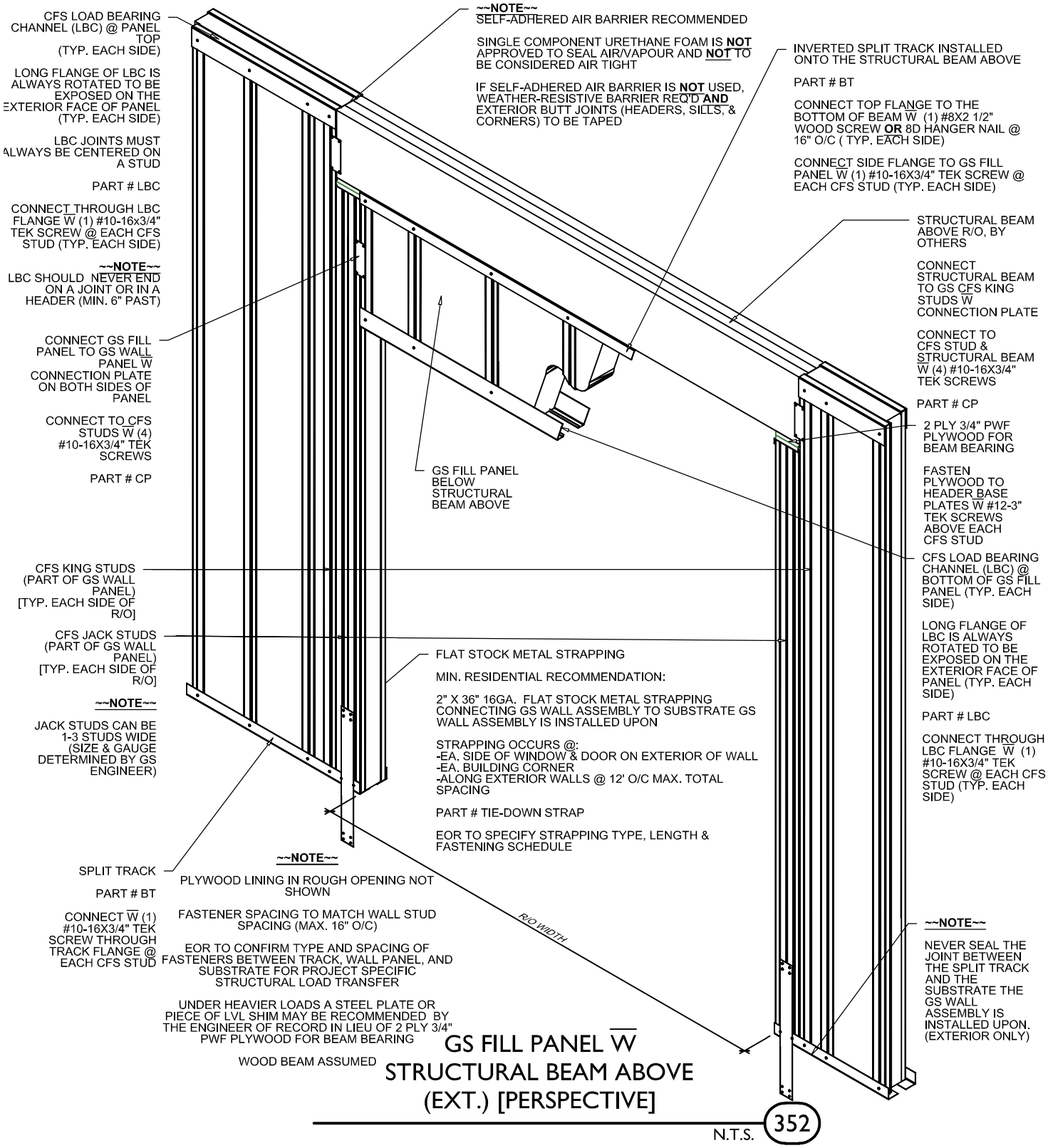


GS TRANSOM PANEL (VERTICAL) [PERSPECTIVE]

N.T.S. 351

~~NOTE~~

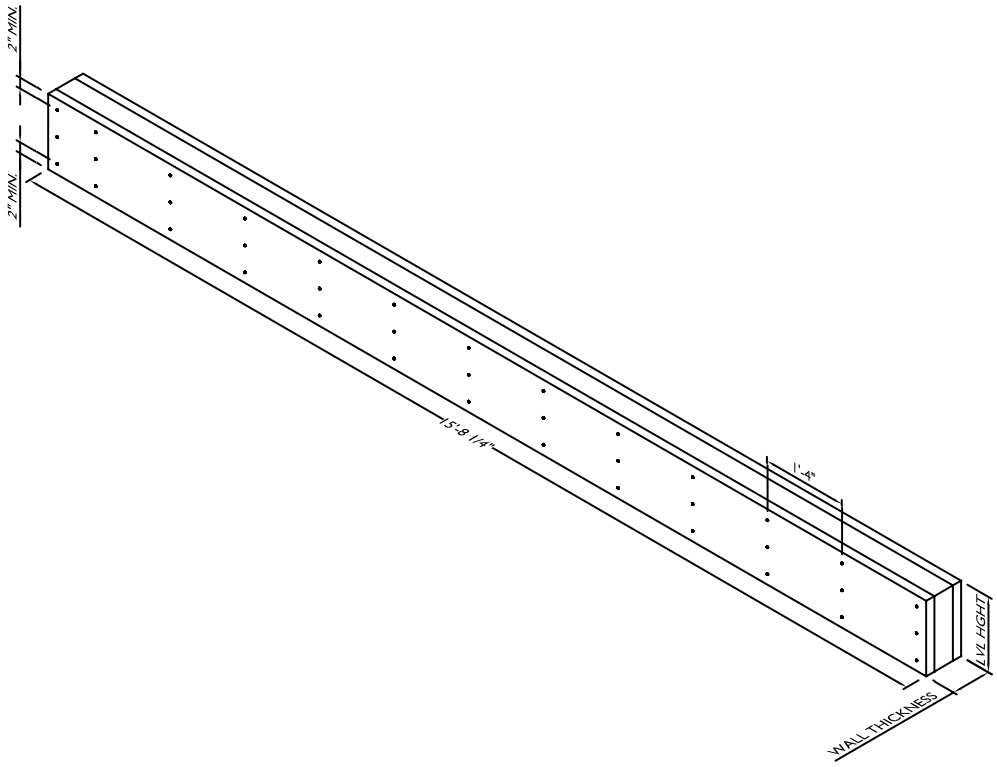
PLYWOOD LINING IN ROUGH OPENING NOT SHOWN

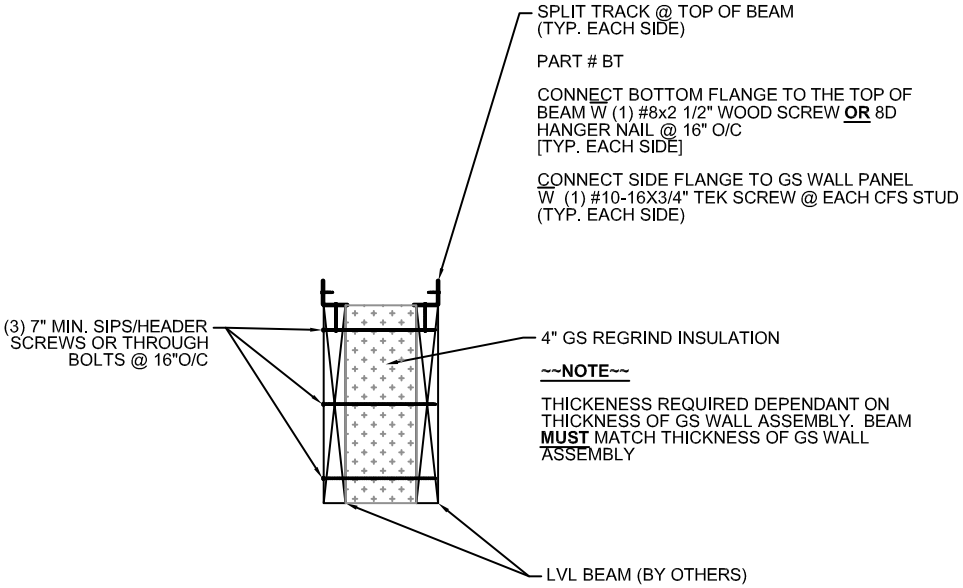


GS FILL PANEL W
STRUCTURAL BEAM ABOVE
(EXT.) [PERSPECTIVE]

N.T.S.

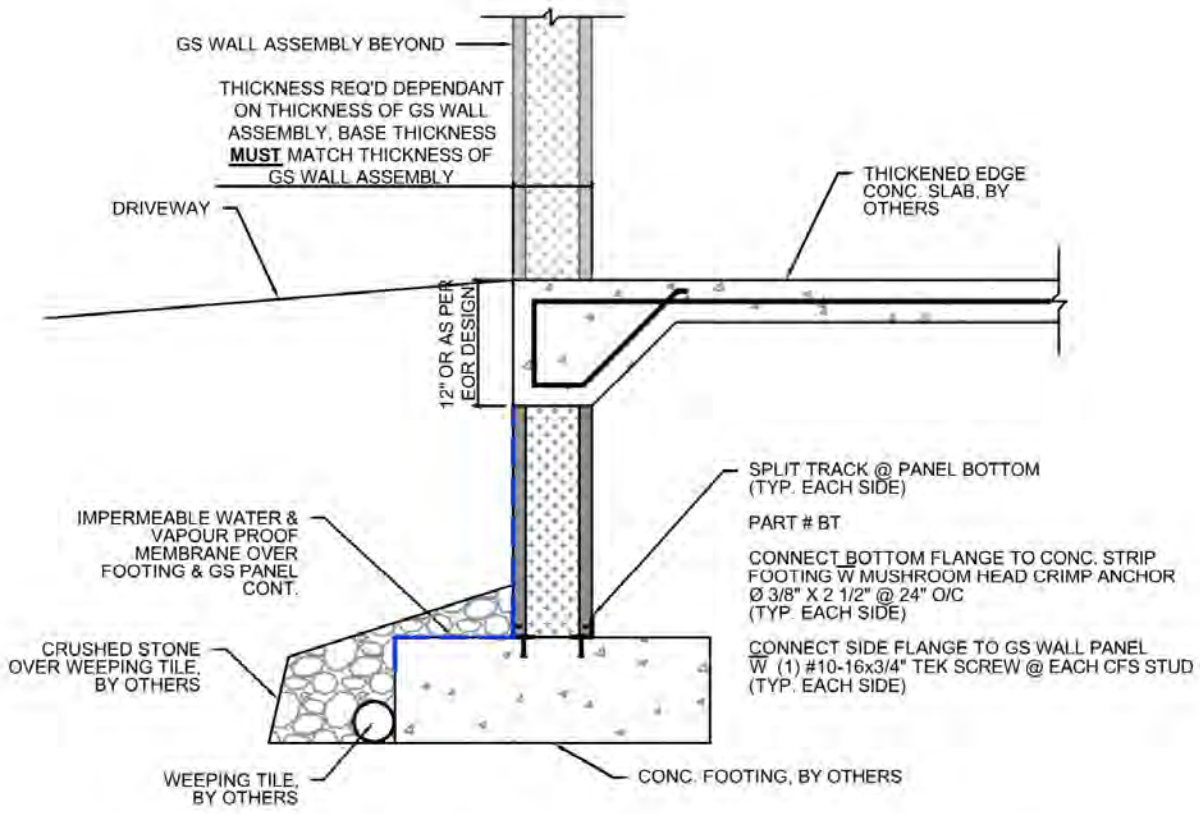
352





THERMALLY SPLIT LVL BEAM (SECTION & PERSPECTIVE)

N.T.S. 353



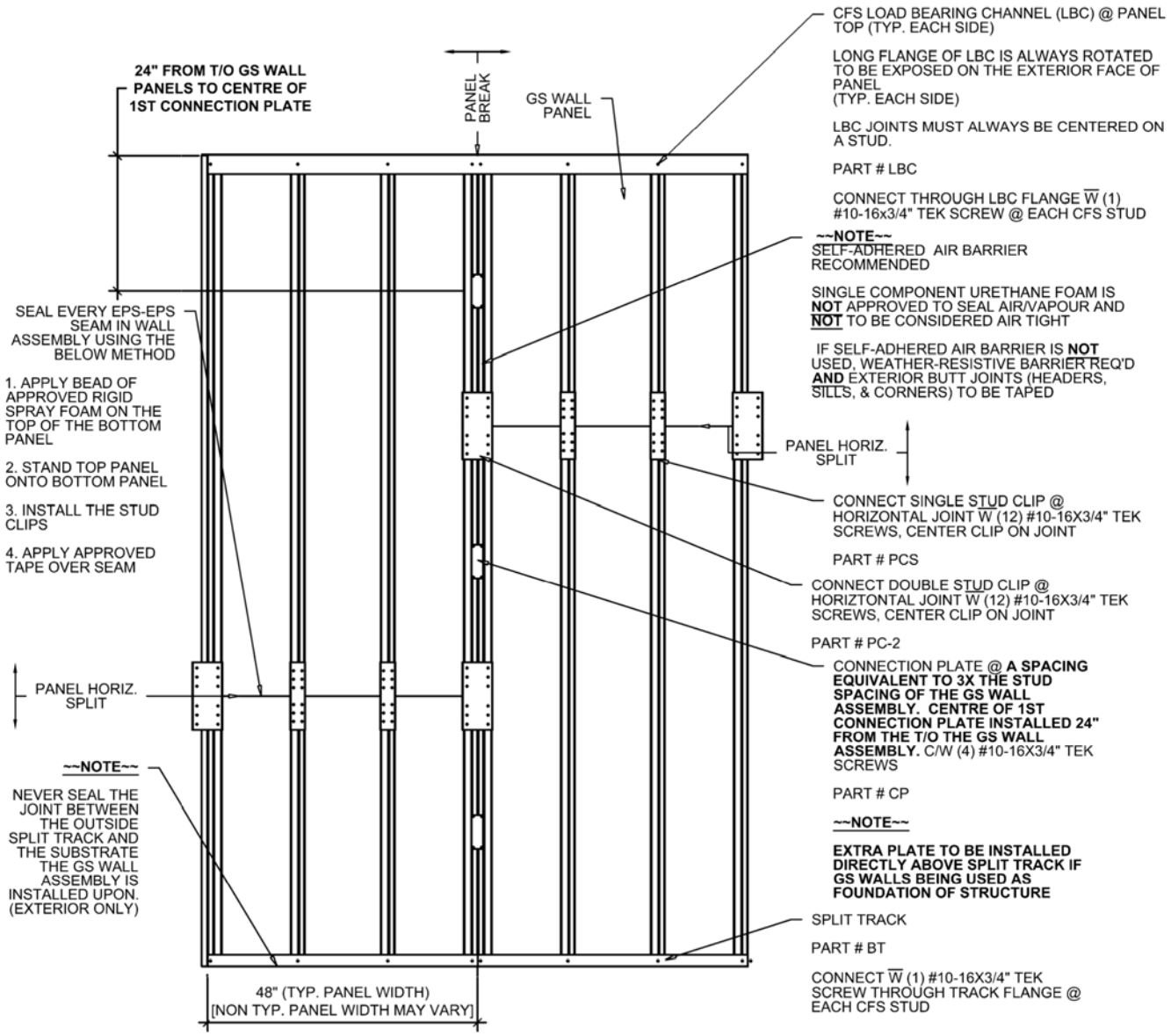
GARAGE SLAB THICKENING @ GARAGE DOOR W GS FOUNDATION (SECTION)

N.T.S. 354

NOTE

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



~~NOTE~~

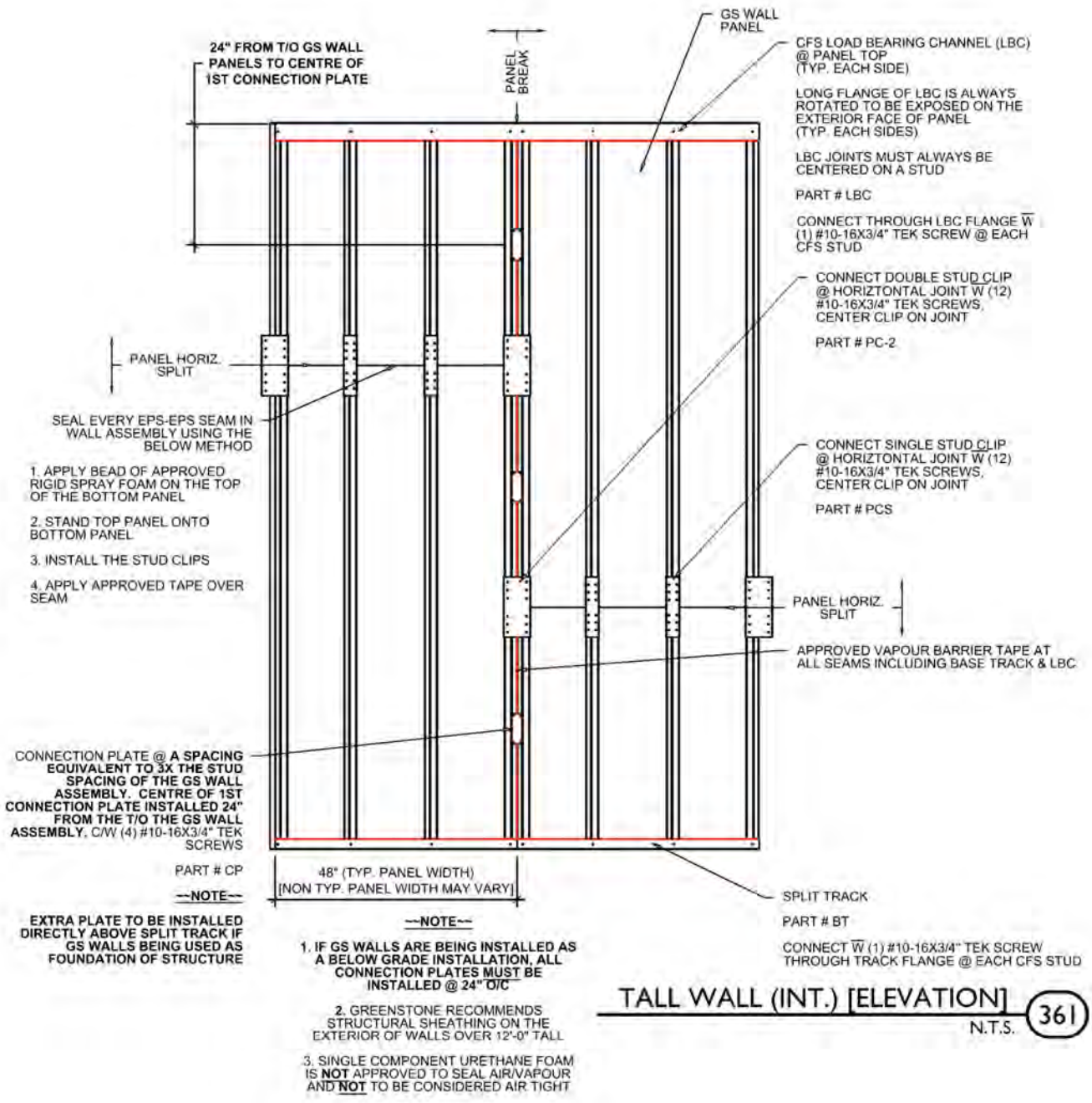
1. IF GS WALLS ARE BEING INSTALLED AS A BELOW GRADE INSTALLATION, ALL CONNECTION PLATES MUST BE INSTALLED @ 24" O/C

2. GREENSTONE RECOMMENDS STRUCTURAL SHEATHING ON THE EXTERIOR OF WALLS OVER 12'-0" TALL

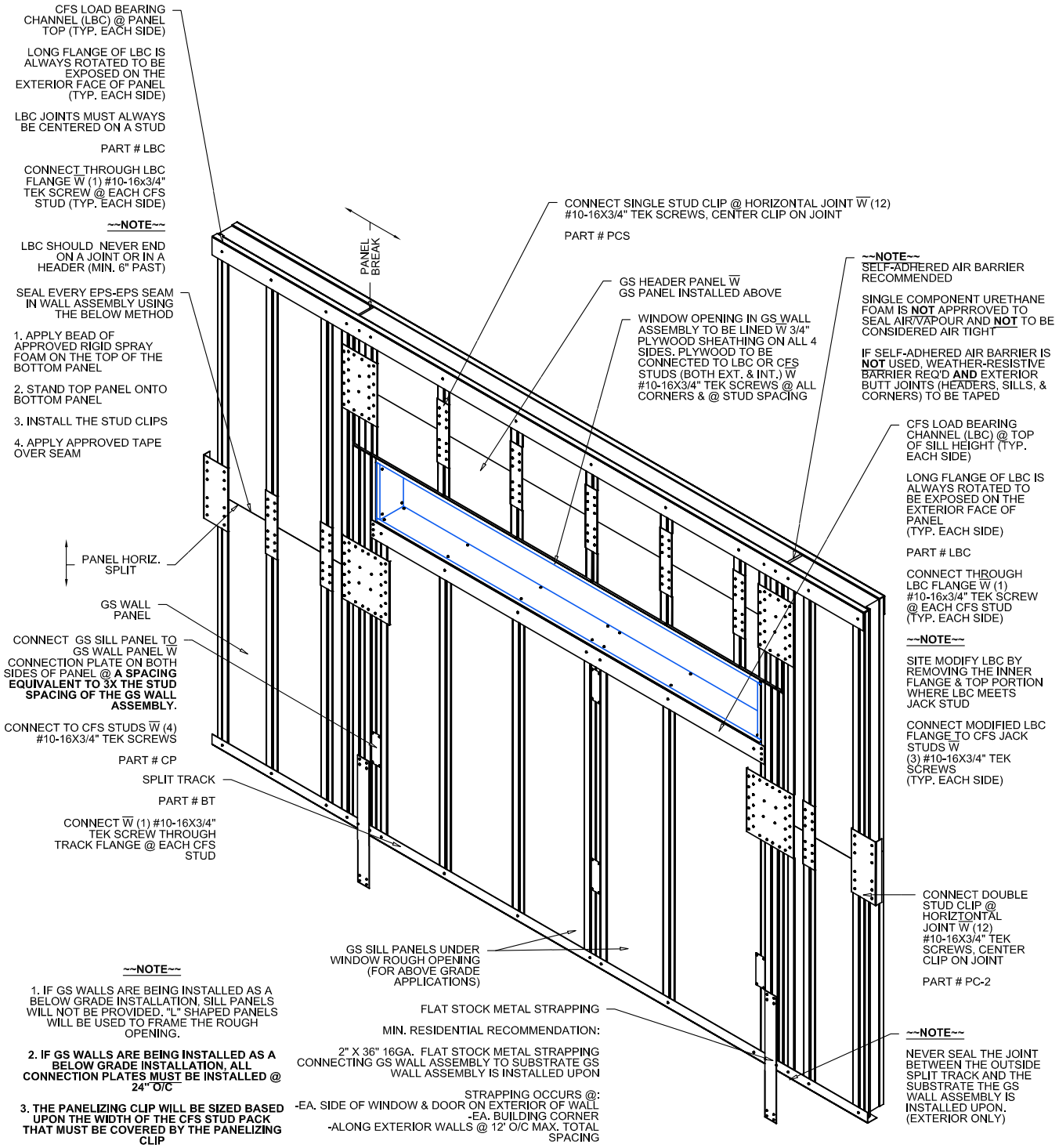
3. SINGLE COMPONENT URETHANE FOAM IS NOT APPROVED TO SEAL AIR/VAPOUR AND NOT TO BE CONSIDERED AIR TIGHT

TALL WALL (EXT.) [ELEVATION] 360

N.T.S.



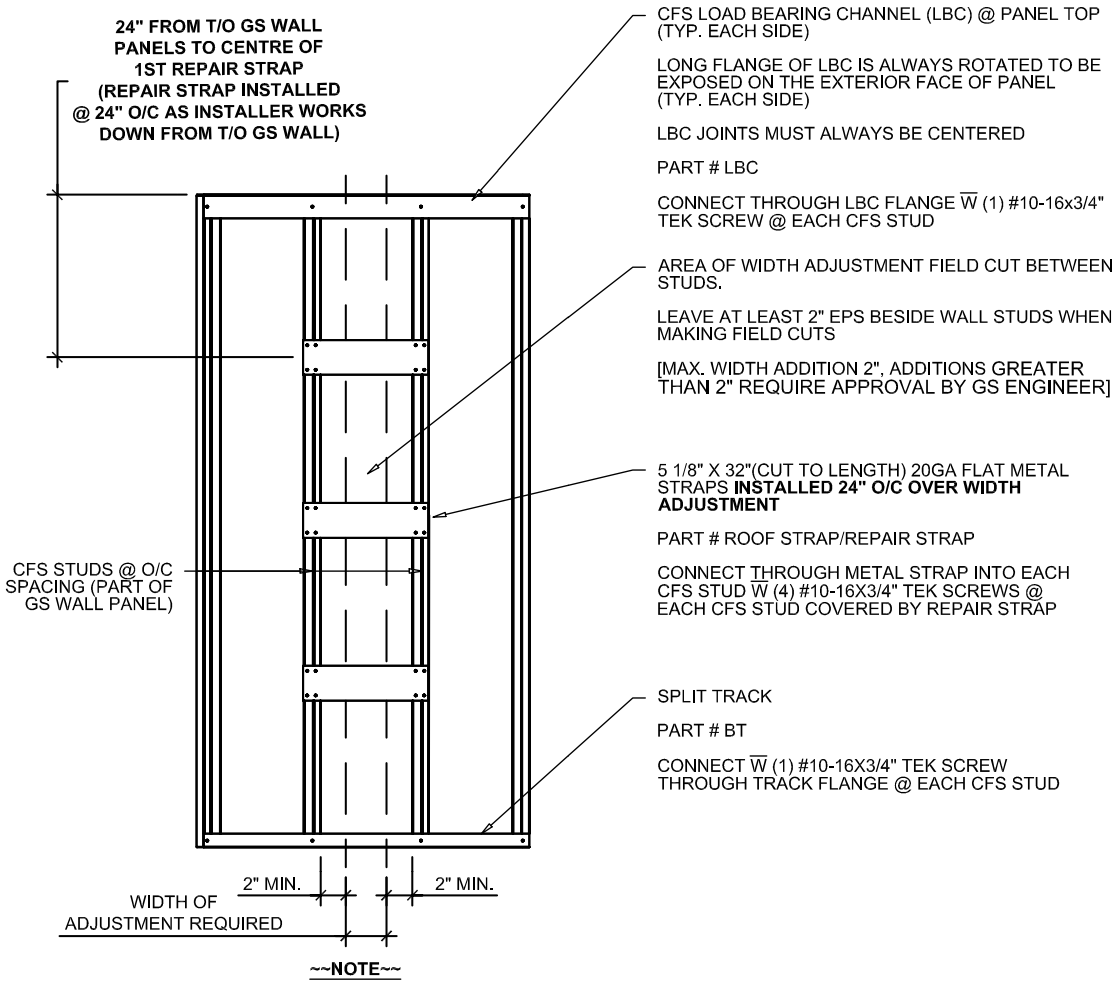
TALL WALL (INT.) [ELEVATION] 361
N.T.S.



TALL WALL W ROUGH OPENING PANELIZING CLIP LOCATIONS (EXT.) [PERSPECTIVE]

N.T.S.

362



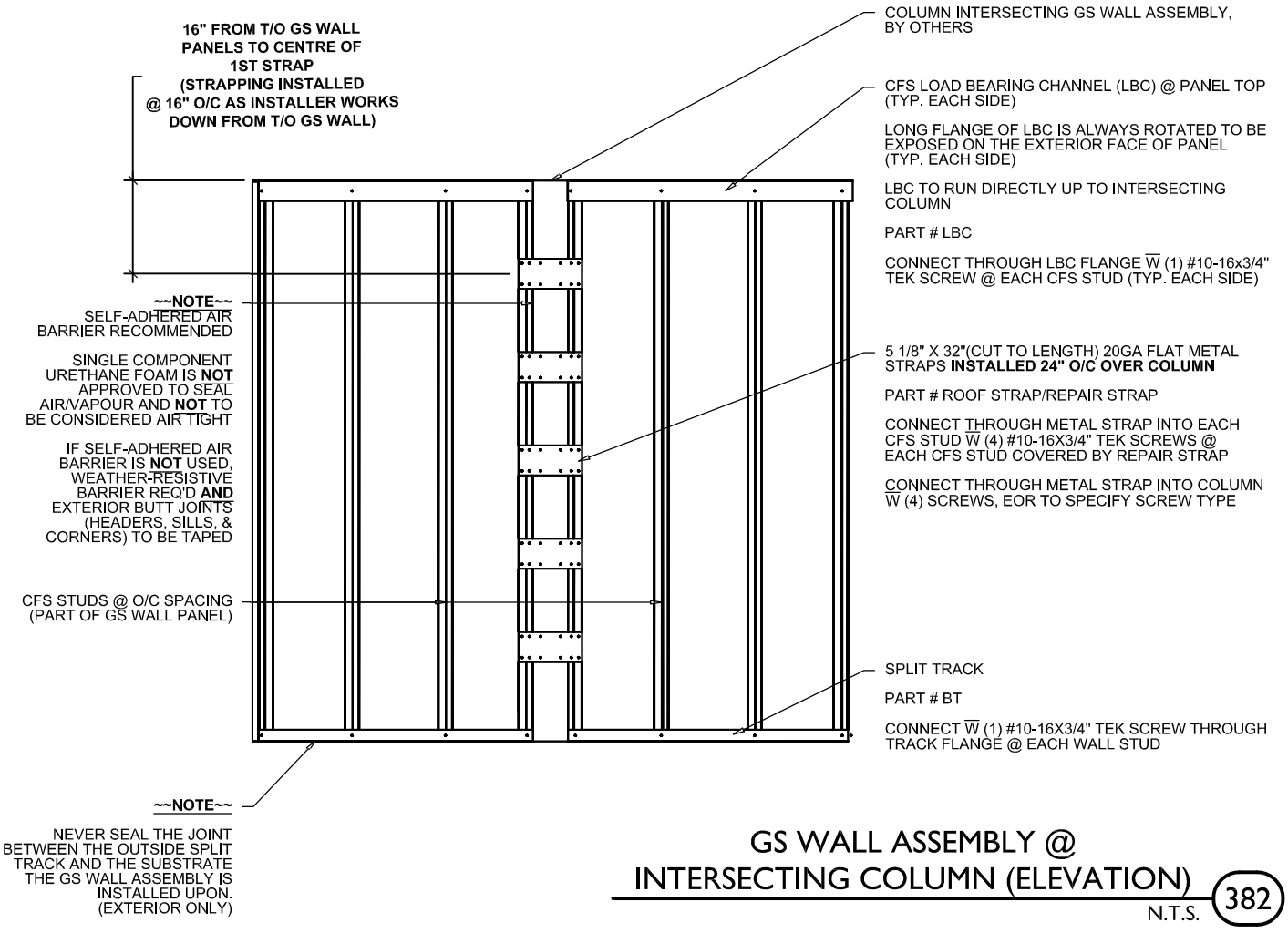
~~NOTE~~

1. IF GS WALL DOES NOT RUN THE CORRECT WIDTH OF WALL REQUIRED BY CLIENT, MAKE A 2ND CUT BETWEEN ADJACENT STUDS AND SPLIT THE ADDITIONAL WIDTH IN 2 PLACES

2. THE JOINT OF THE FIELD CUT MUST BE SEALED WITH APPROVED TAPE

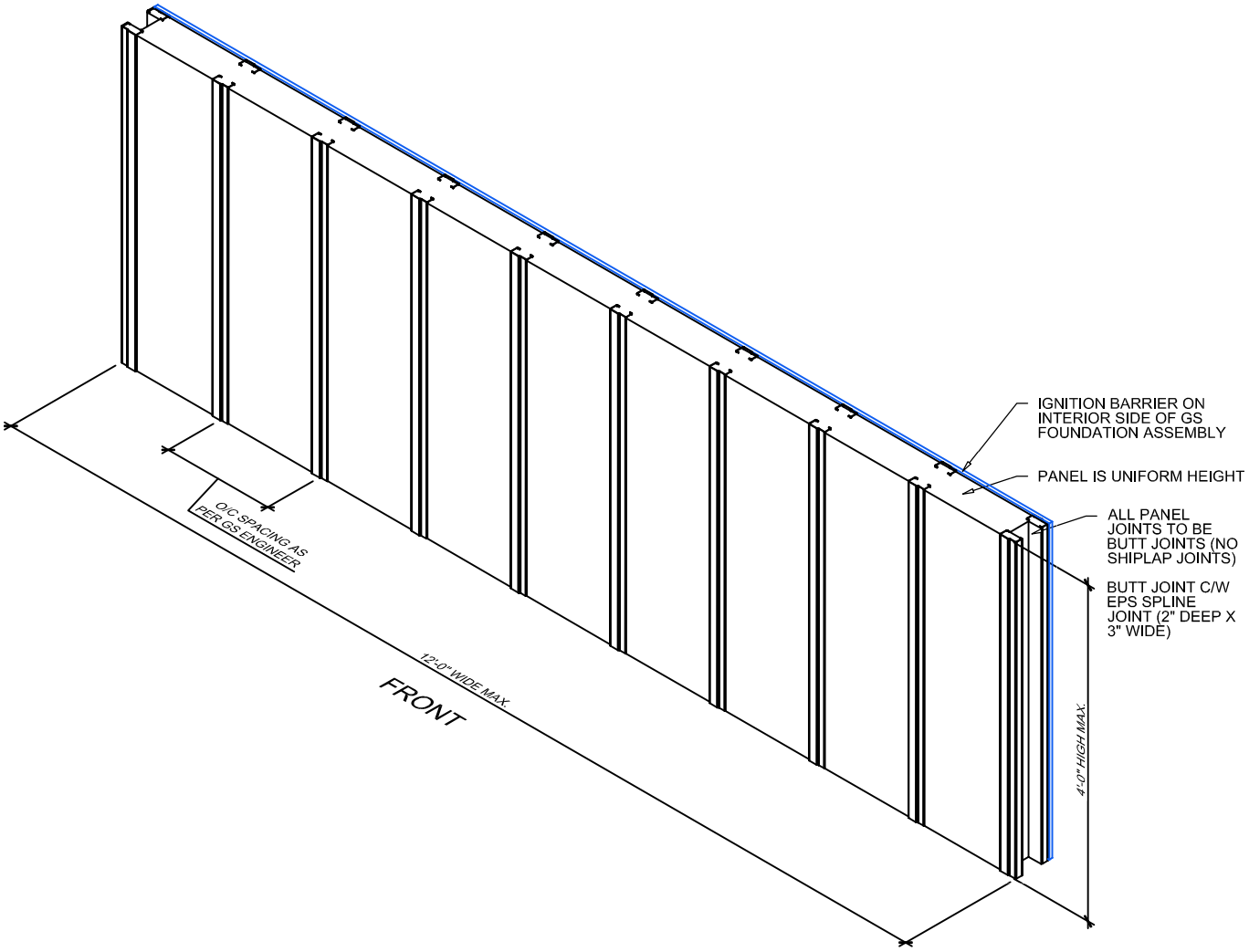
WALL WIDTH ADJUSTMENT (ELEVATION)

N.T.S. 381



GS WALL ASSEMBLY @ INTERSECTING COLUMN (ELEVATION) 382

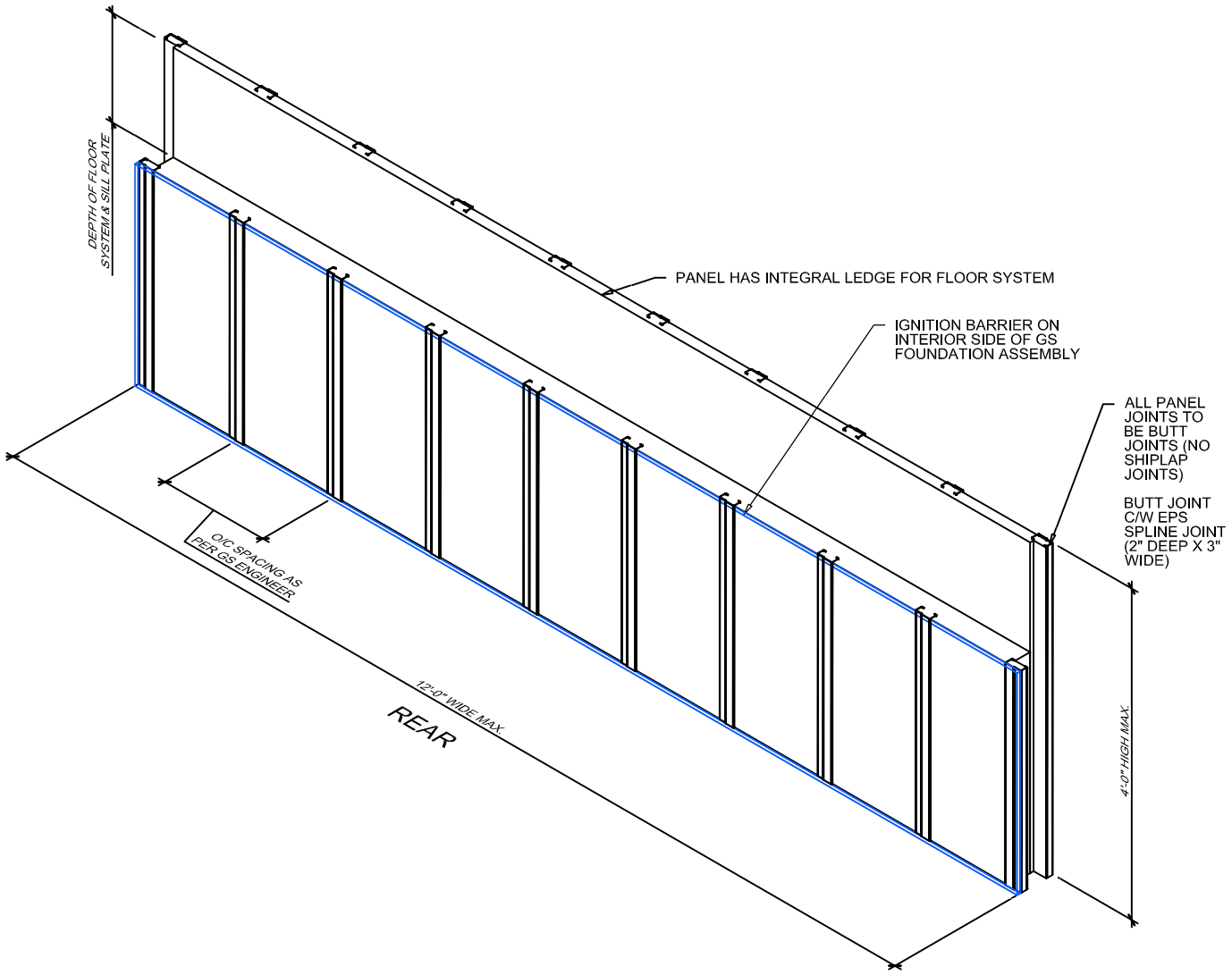
N.T.S.



HORIZONTAL FOUNDATION PANEL (PERSPECTIVE)

N.T.S.

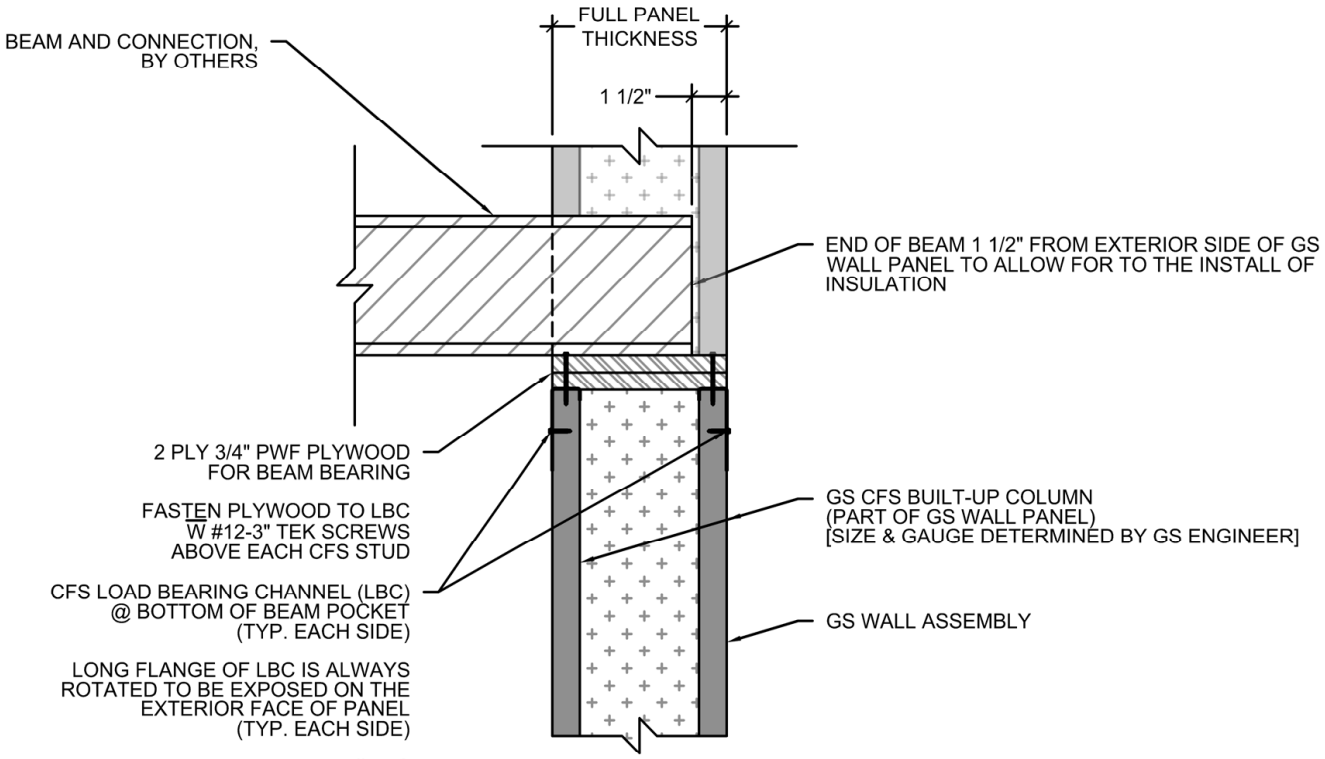
390



HORIZONTAL FOUNDATION PANEL WITH LEDGE (PERSPECTIVE)

N.T.S.

391

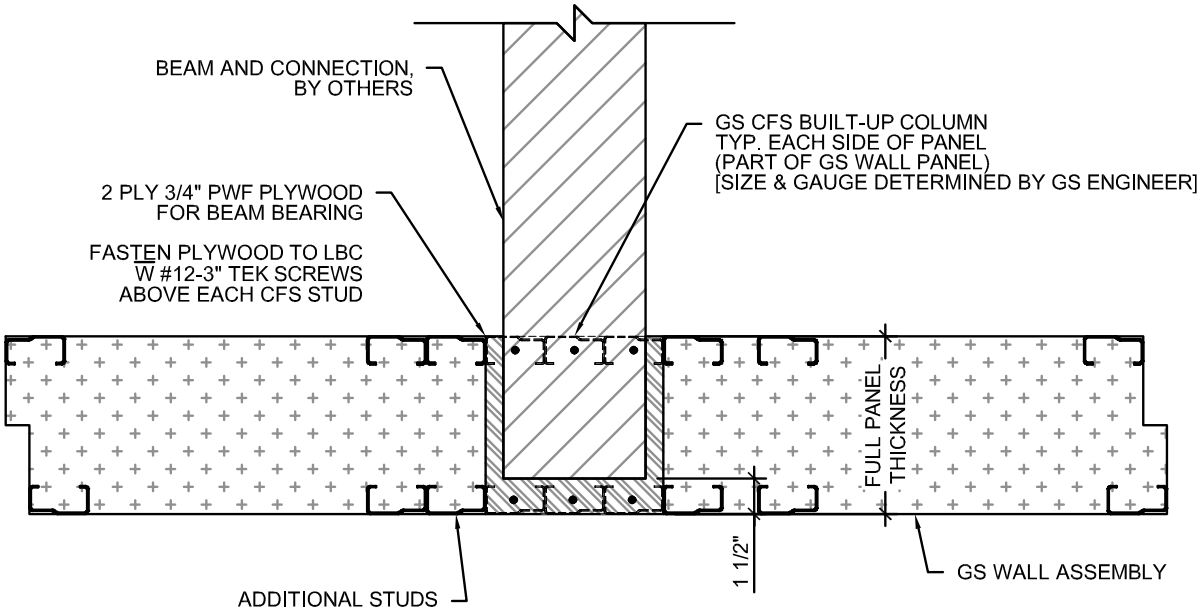


FULL BEAM POCKET (SECTION) 401

N.T.S.

~~NOTE~~

UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

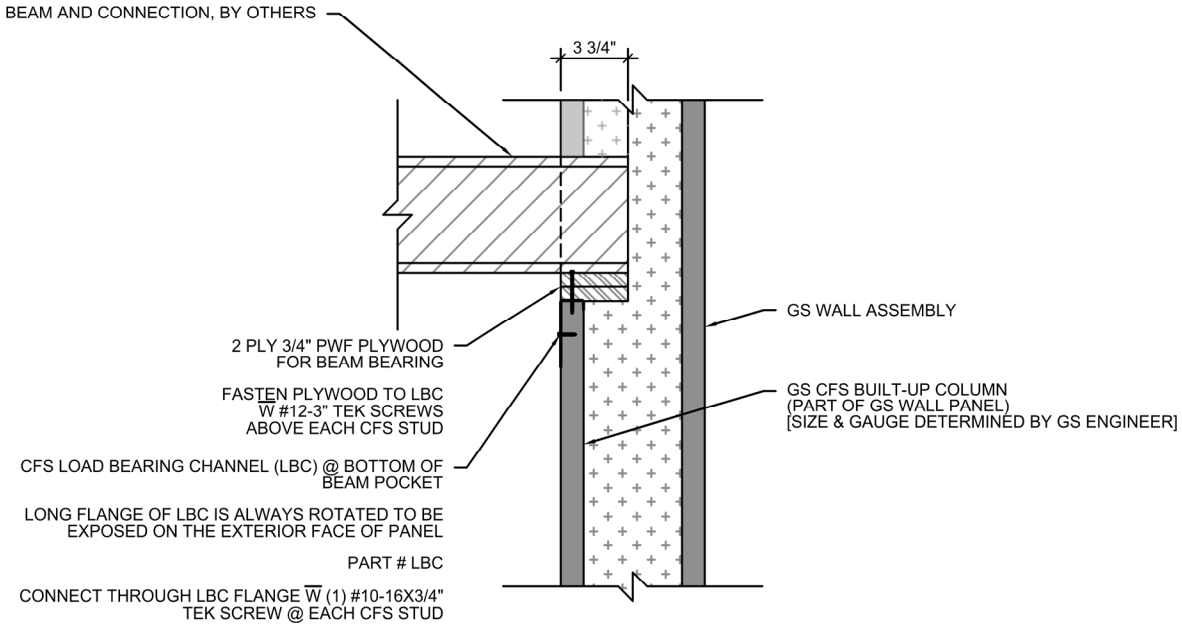


FULL BEAM POCKET (PLAN) 402

N.T.S.

~~NOTE~~

UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

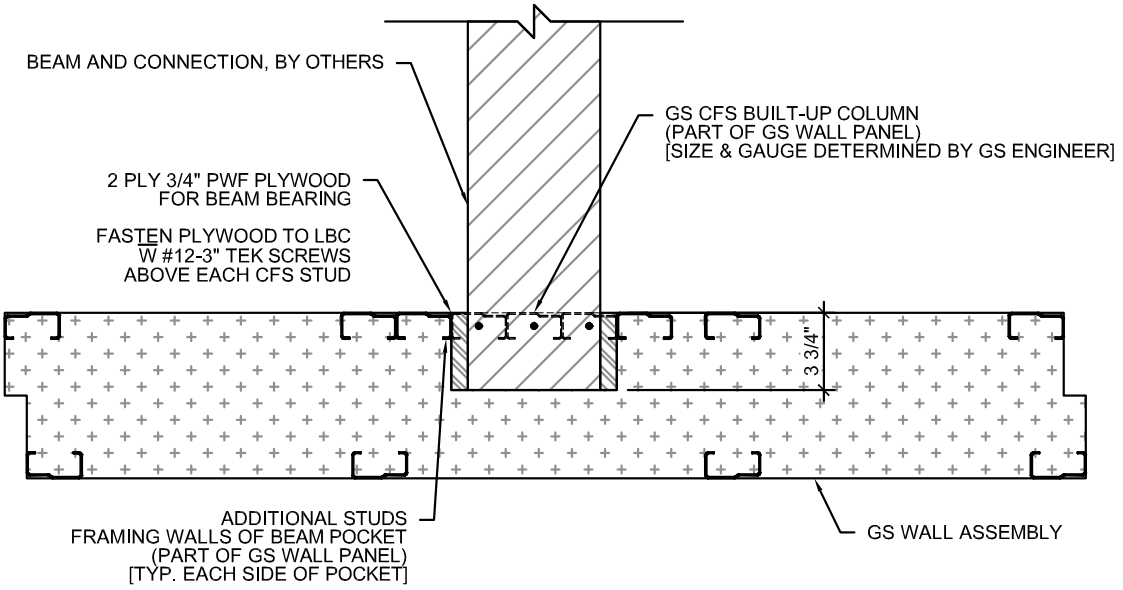


PARTIAL BEAM POCKET (SECTION) 403

N.T.S.

~~NOTE~~

UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

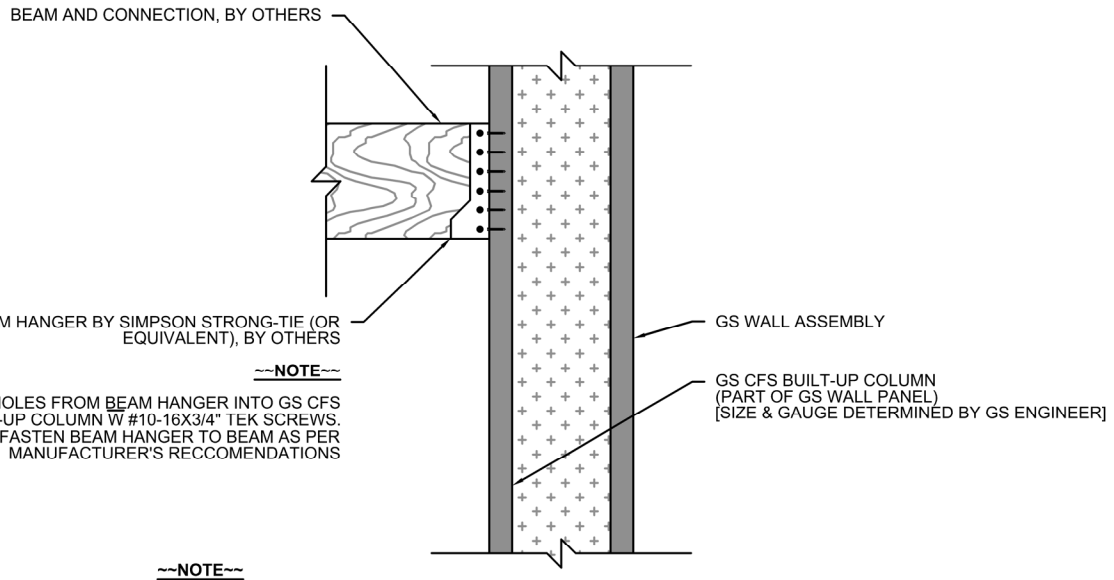


PARTIAL BEAM POCKET (PLAN) 404

N.T.S.

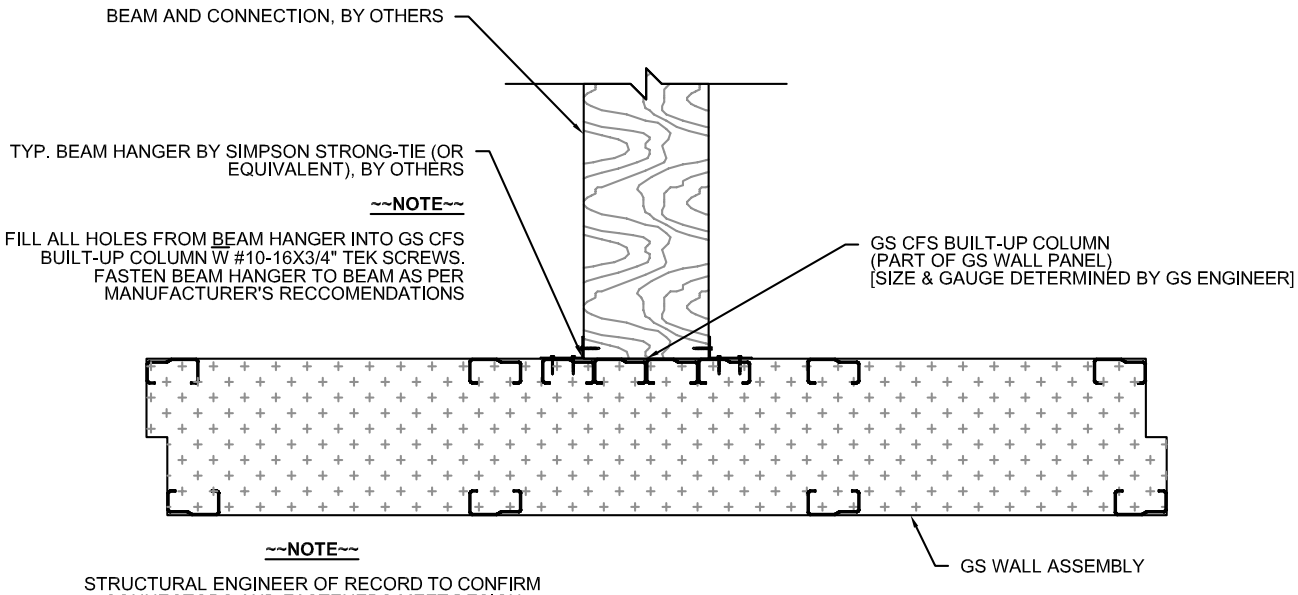
~~NOTE~~

UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

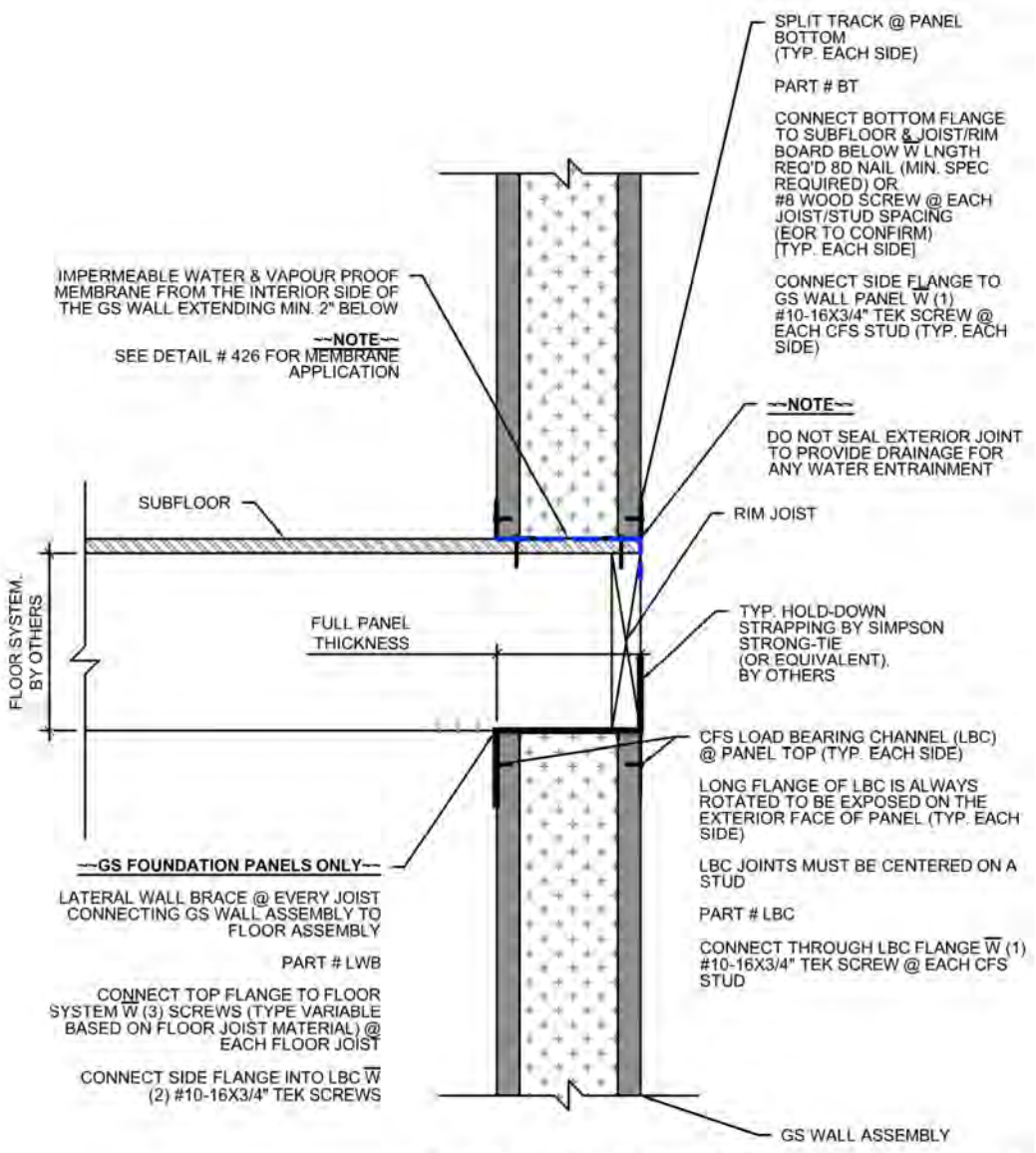


HANGING BEAM (SECTION) 405

N.T.S.



HANGING BEAM (PLAN) 406
N.T.S.



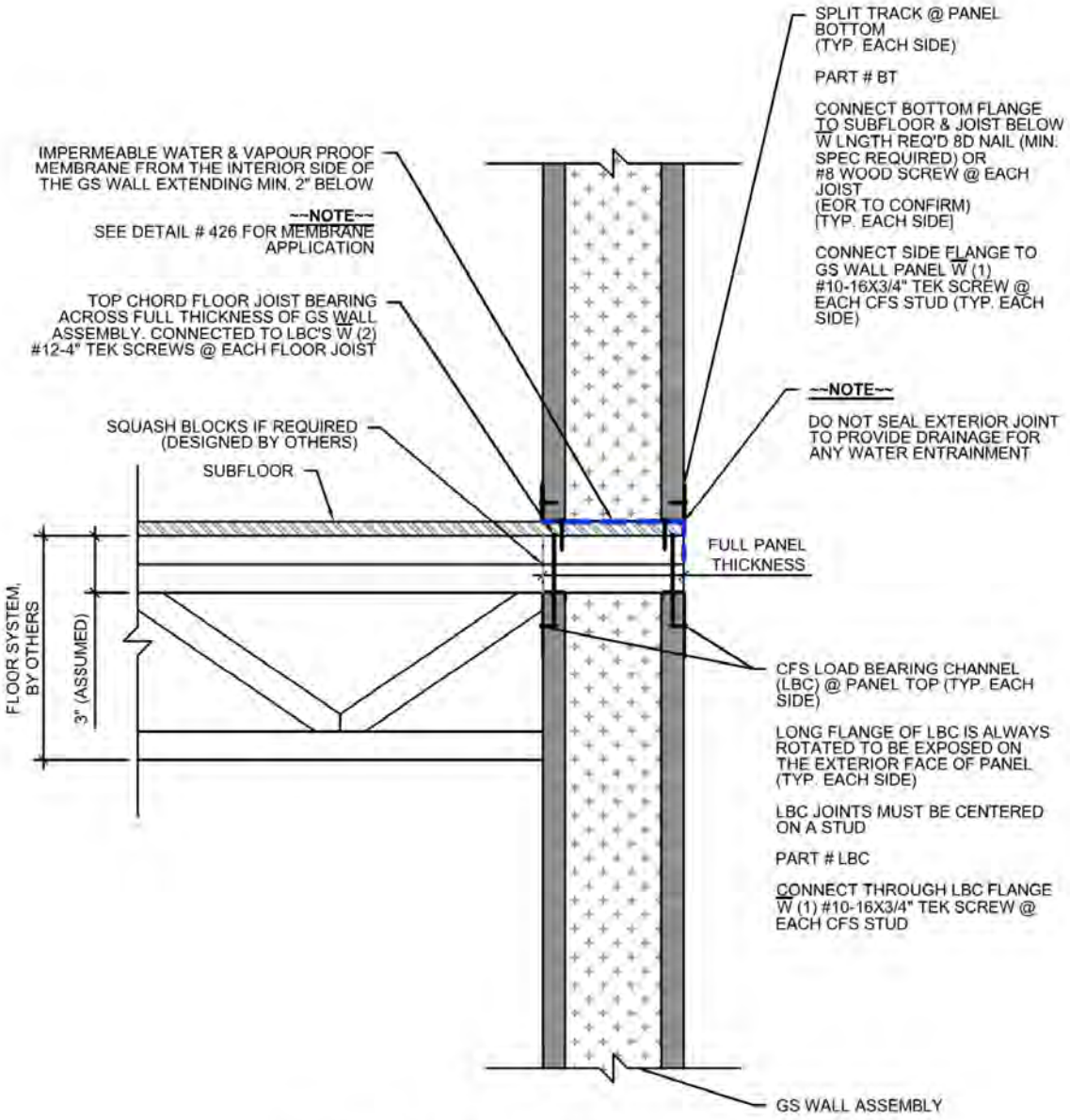
FULL BEARING FLOOR (SECTION) 420

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



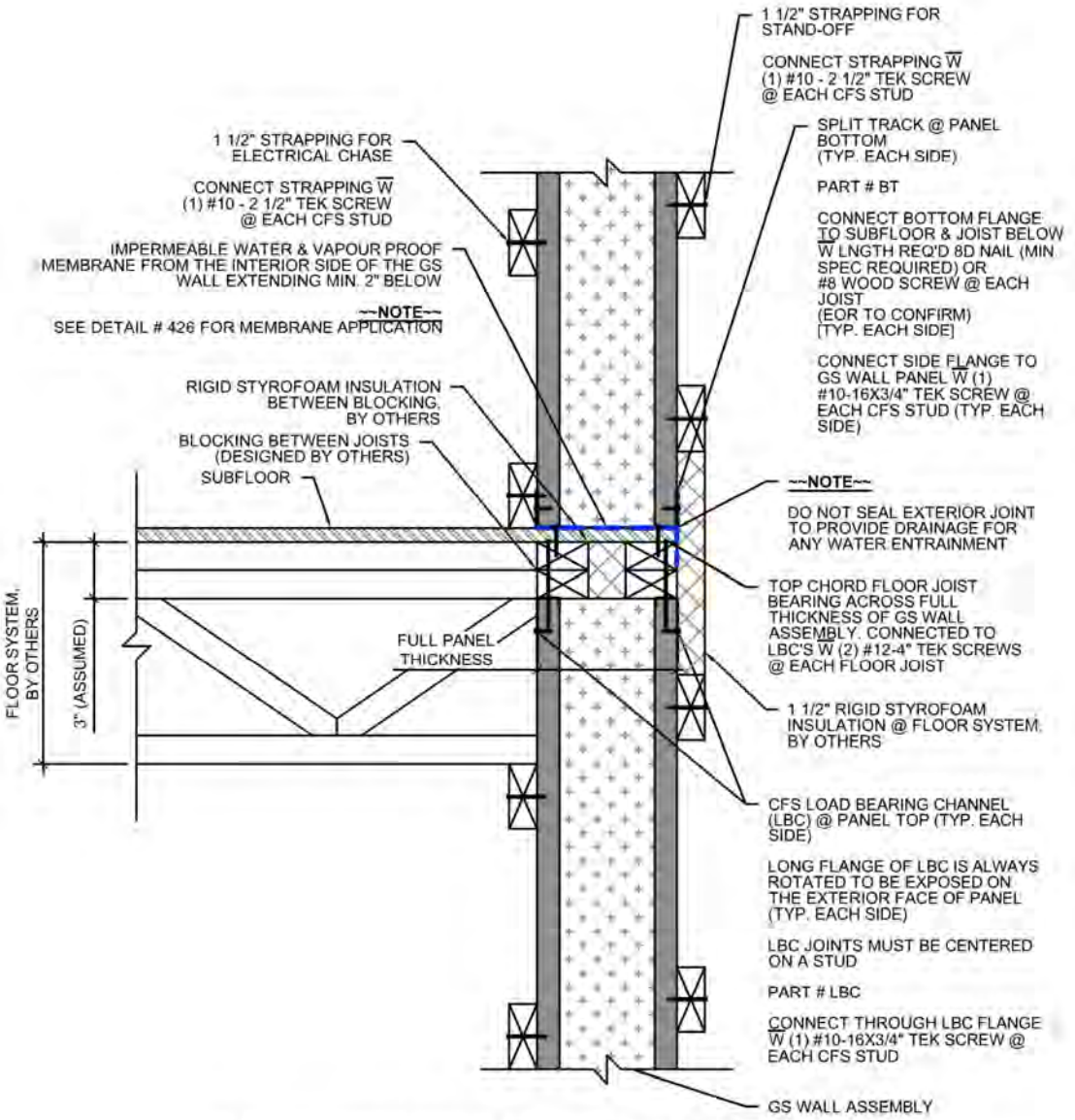
FULL THICKNESS BEARING (TOP CHORD BEARING) [SECTION] 421

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



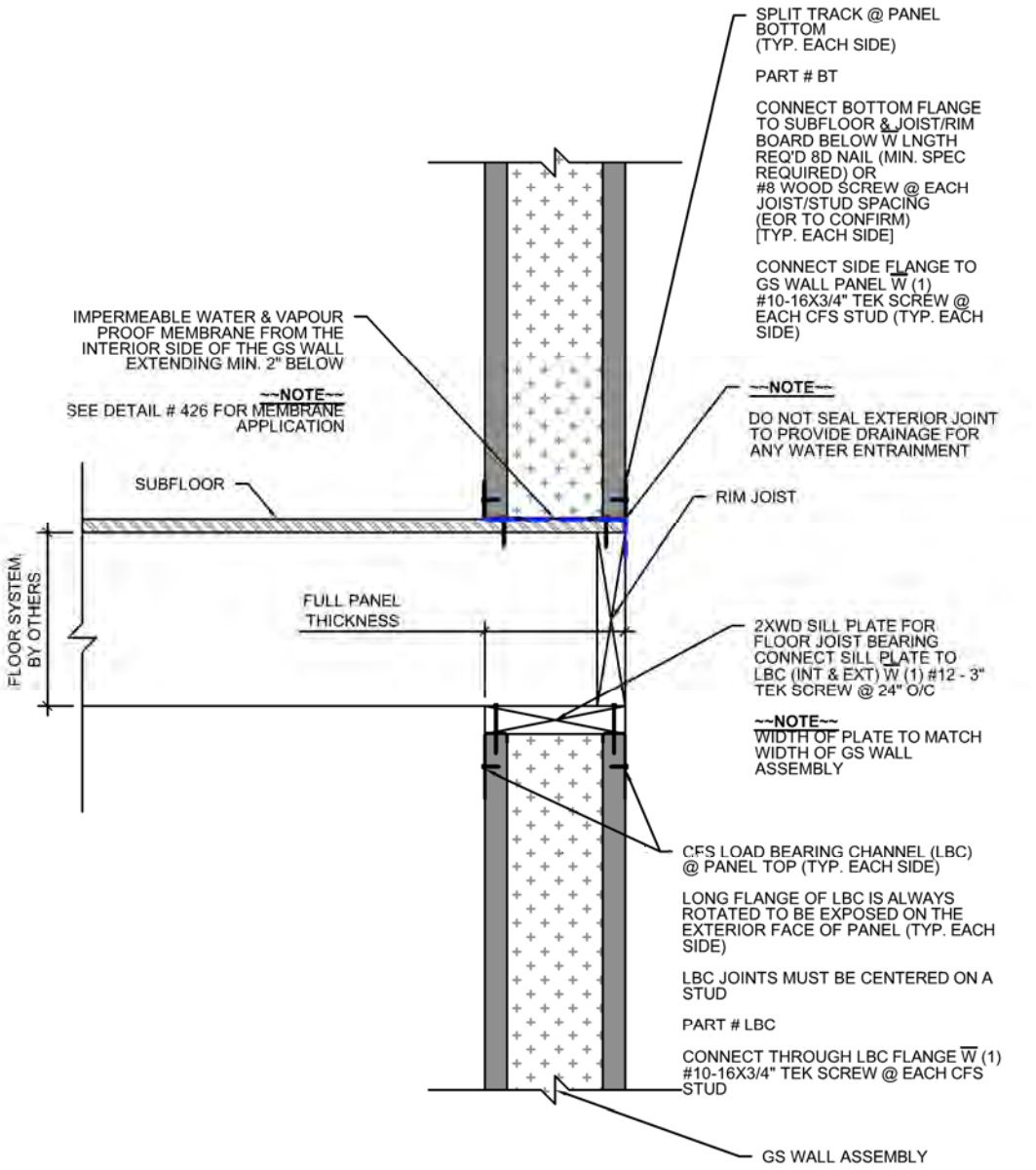
FULL THICKNESS BEARING W STRAPPING (TOP CHORD BEARING) [SECTION]

N.T.S. 422

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



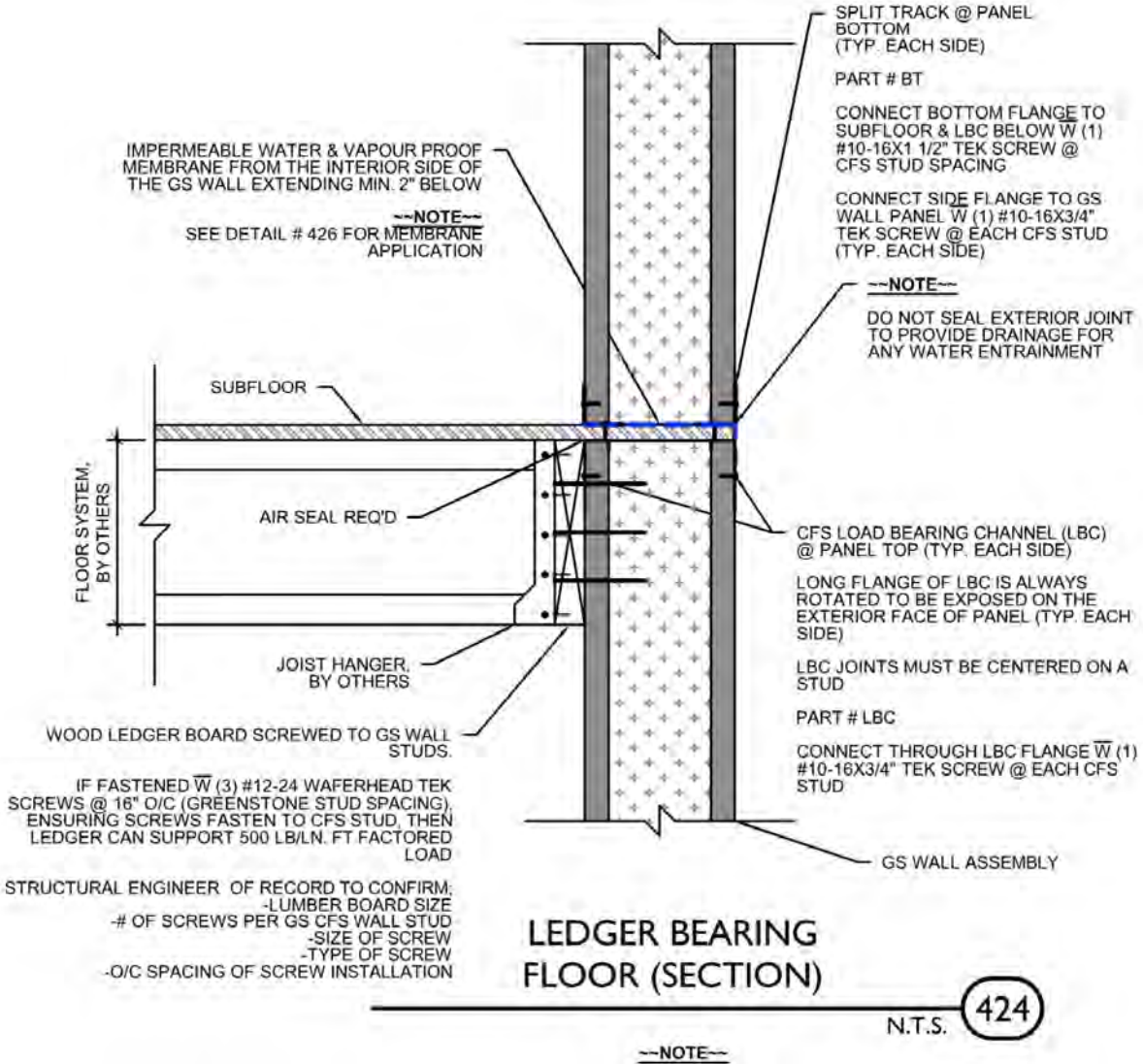
FULL BEARING FLOOR W SILL PLATE (SECTION)

N.T.S. 423

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



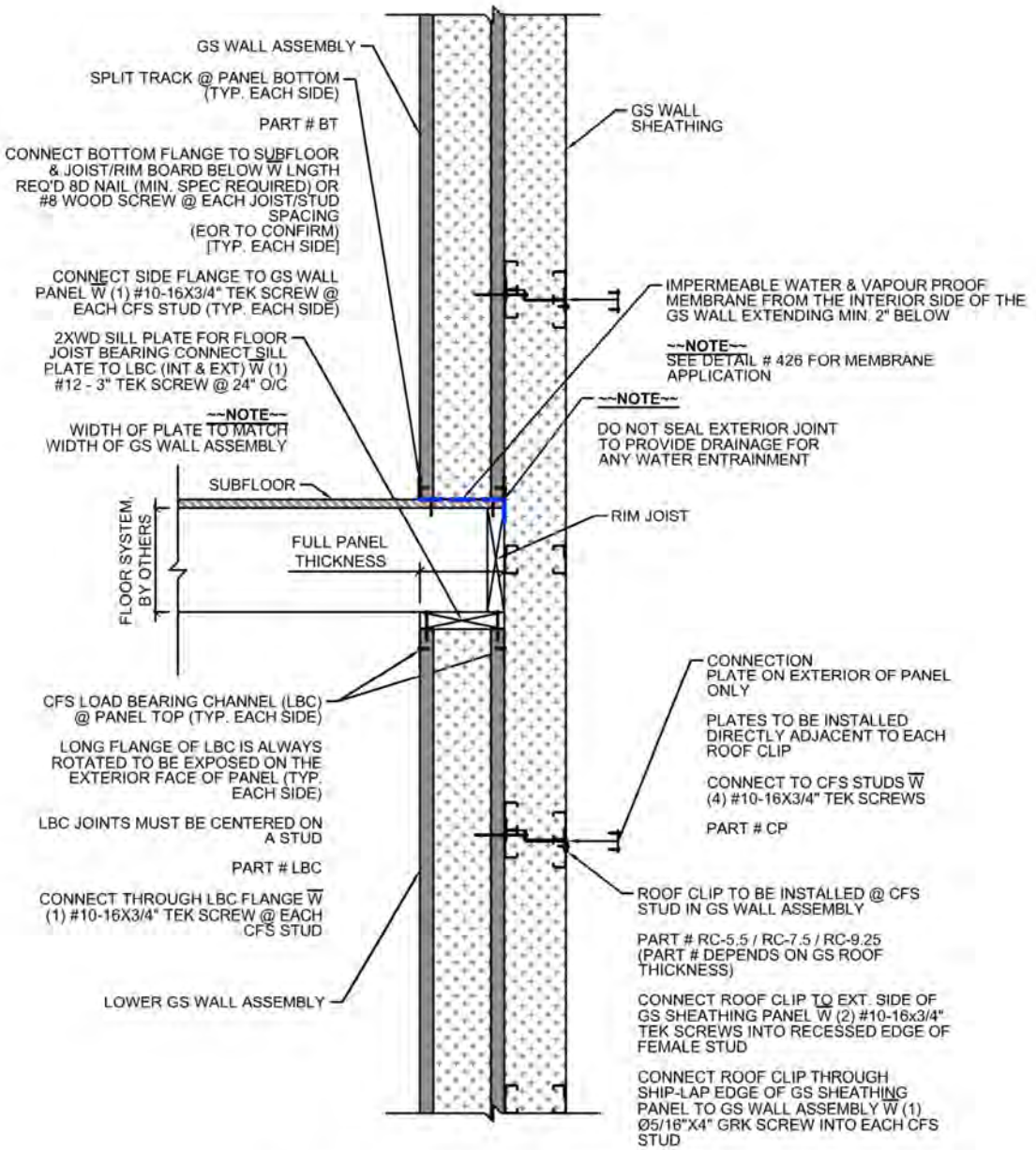
LEDGER BEARING FLOOR (SECTION)

N.T.S. 424

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



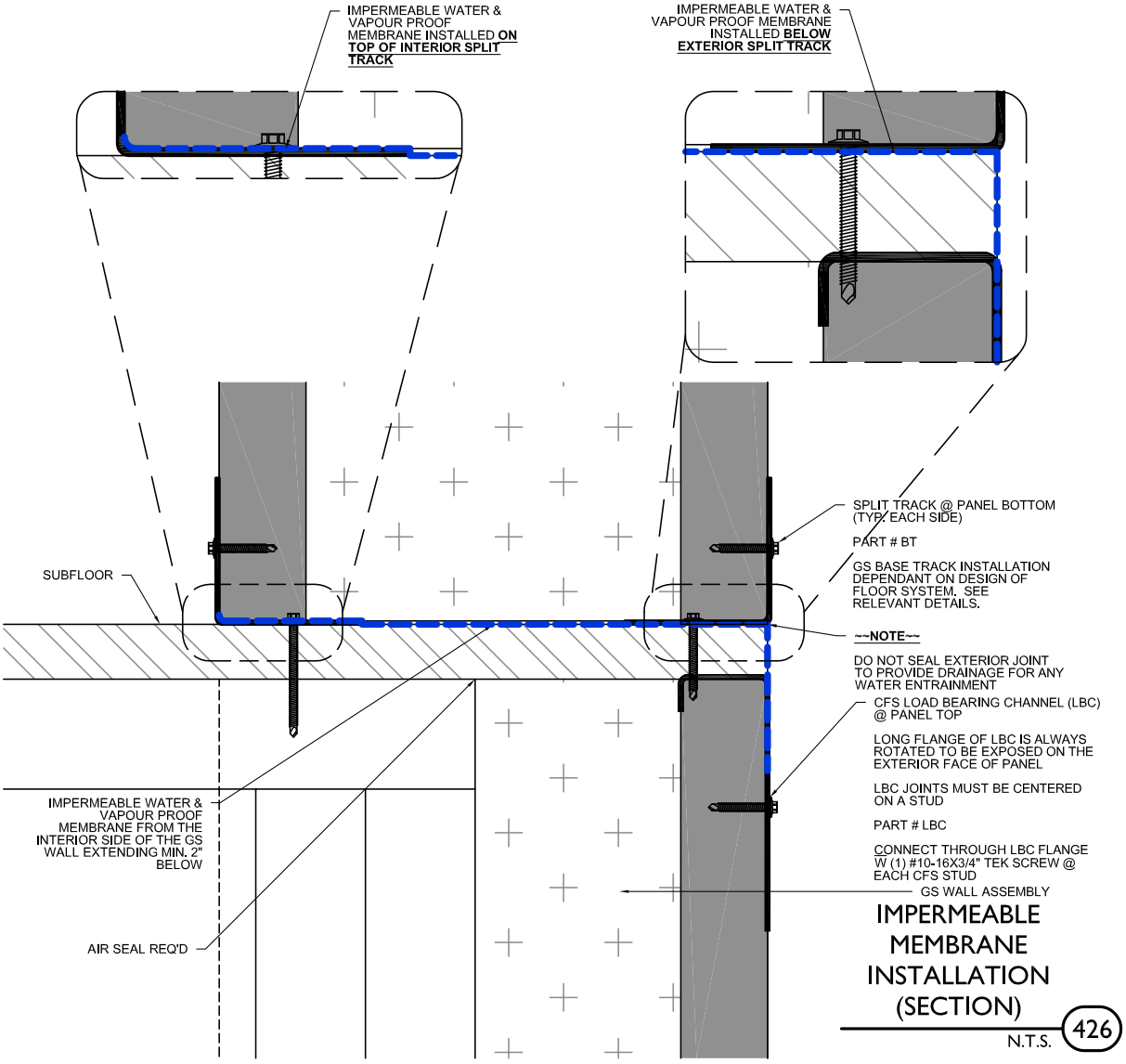
GS WALL ASSEMBLY W GS SHEATHING INSTALLATION (SECTION) 425

N.T.S.

~~NOTE~~

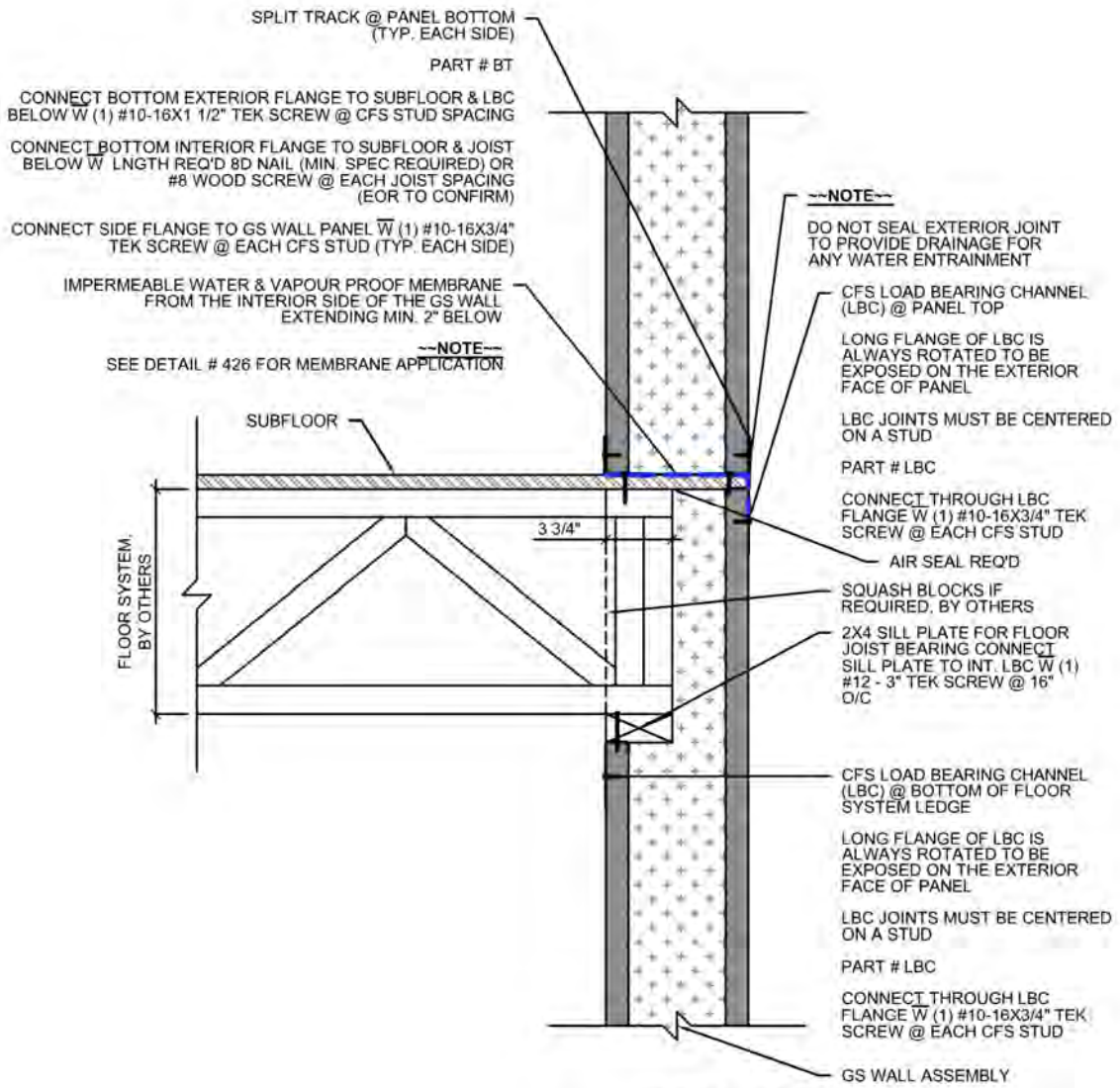
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



IMPERMEABLE MEMBRANE INSTALLATION (SECTION)

N.T.S. 426



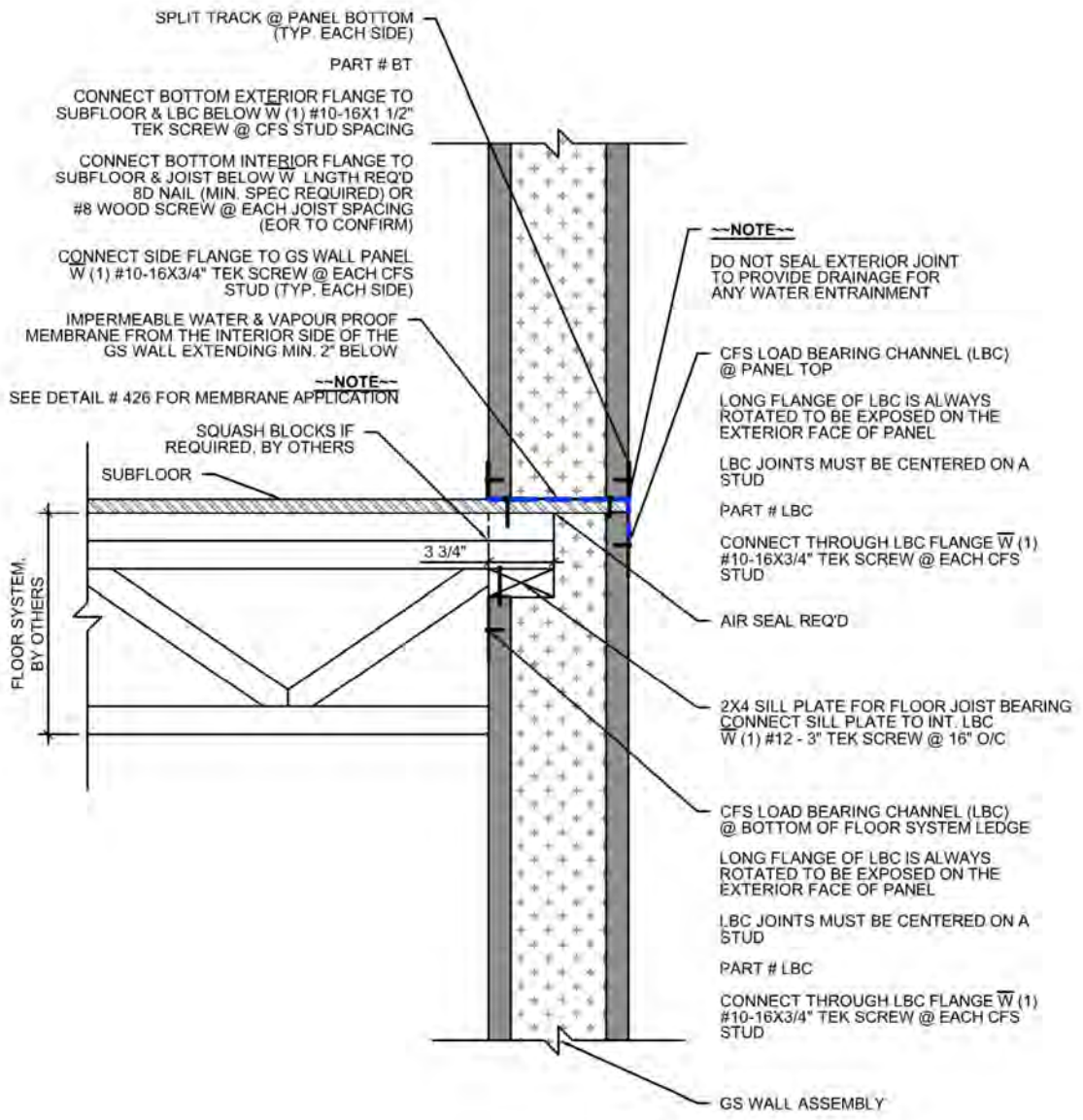
FLOOR LEDGE (BOTTOM CHORD BEARING) [SECTION]

N.T.S. 430

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



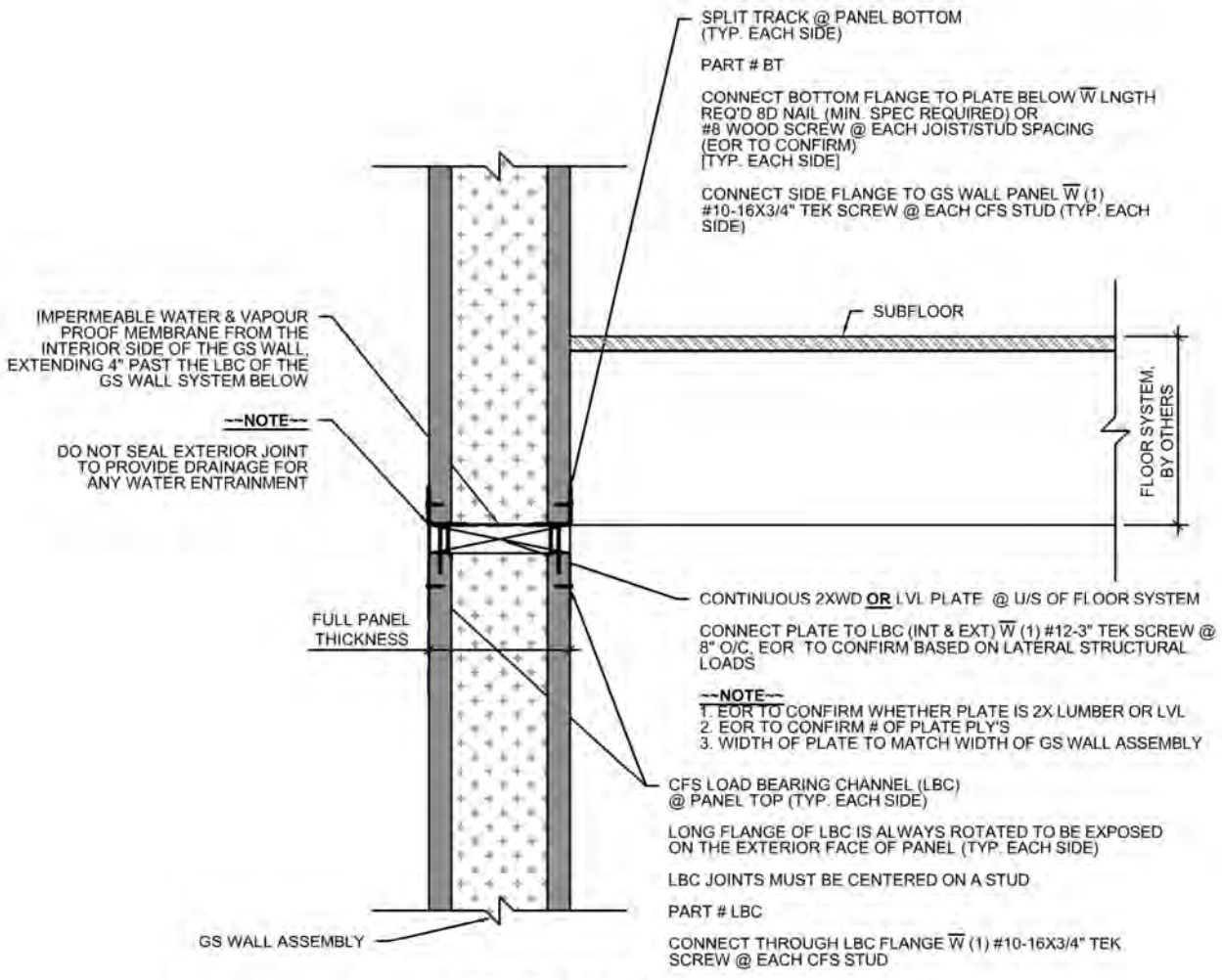
FLOOR LEDGE (TOP CHORD BEARING) [SECTION]

N.T.S. 431

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



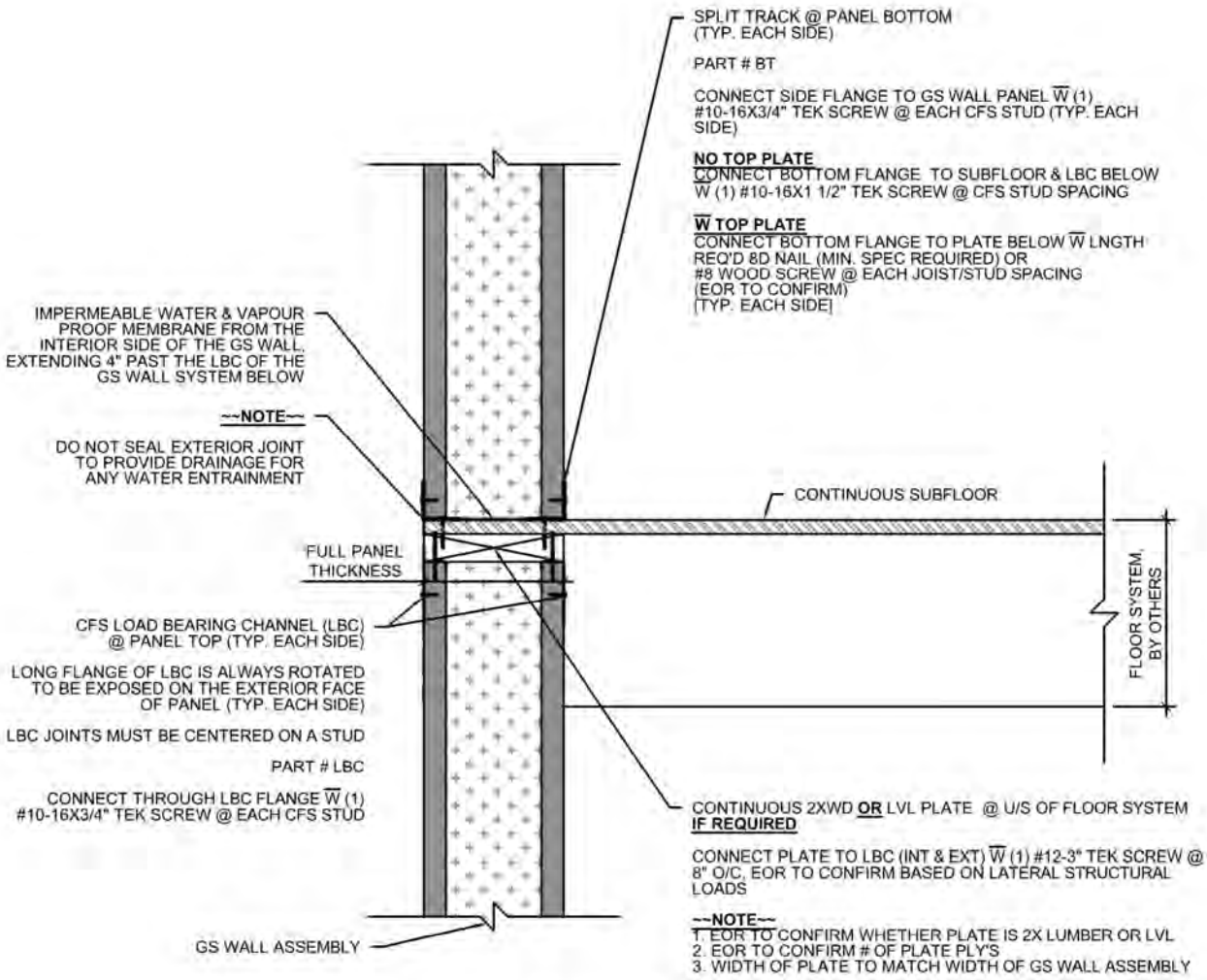
STAIRWELL WALL BREAK (LOW) [SECTION]

N.T.S. 432

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



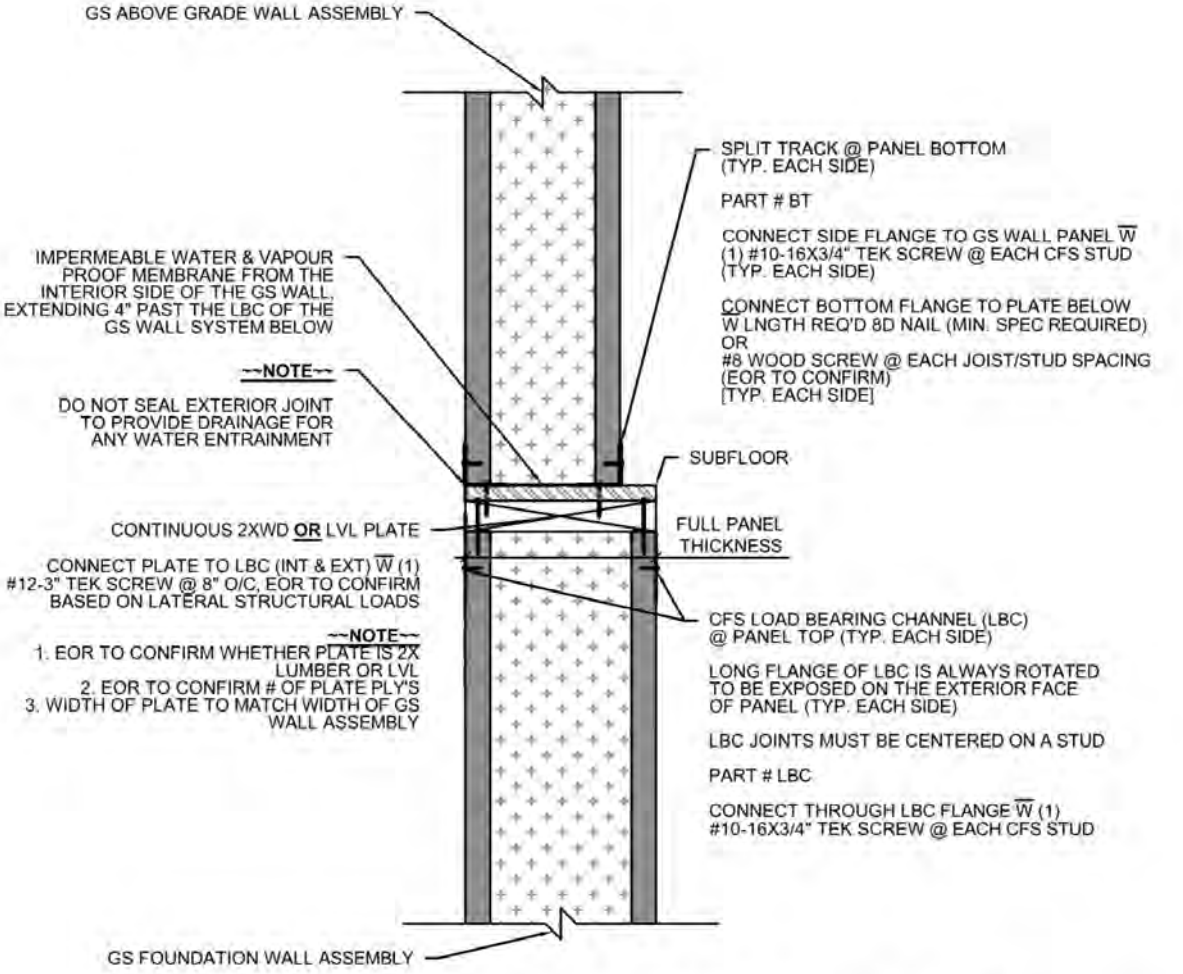
STAIRWELL WALL BREAK (HIGH) [SECTION]

N.T.S. 433

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



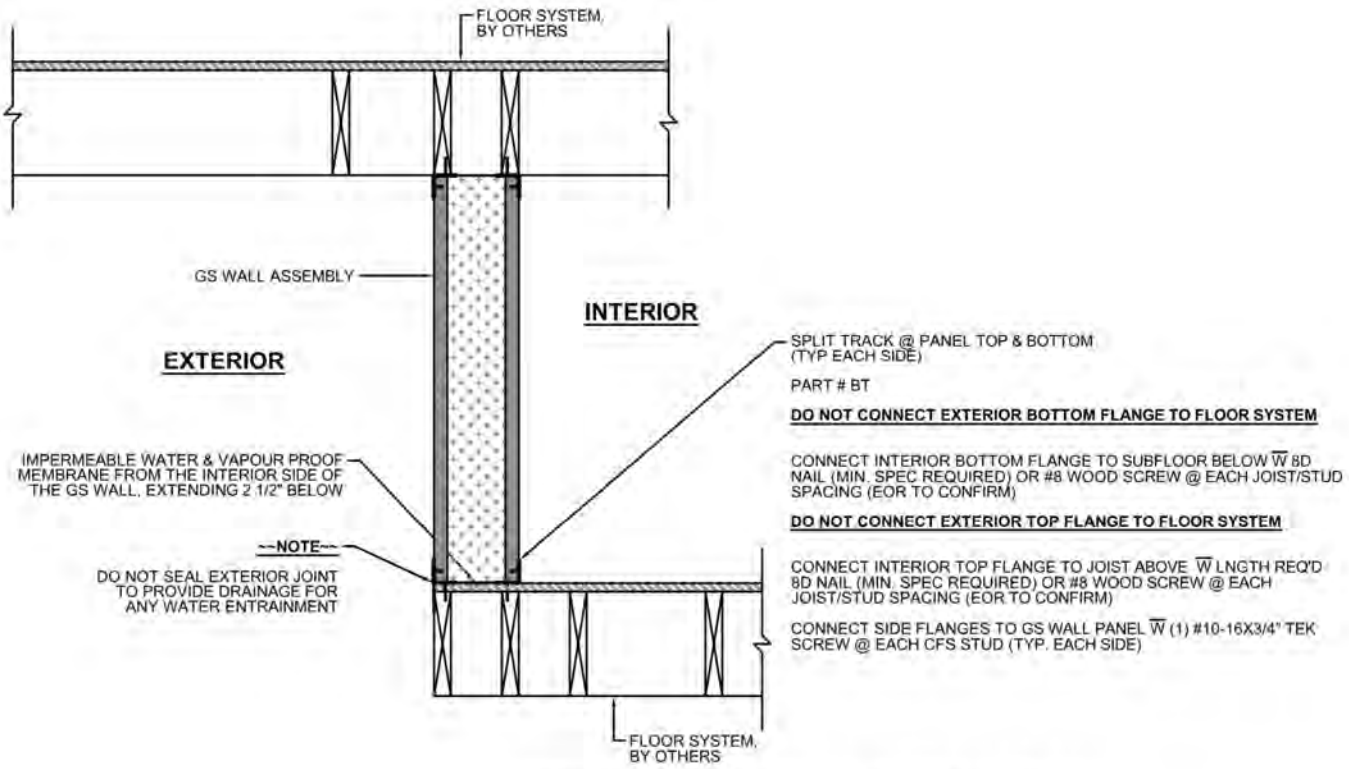
STAIRWELL WALL BREAK (FOUNDATION) [SECTION]

N.T.S. 434

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



REMOVABLE GS WALL INSTALLATION [SECTION]

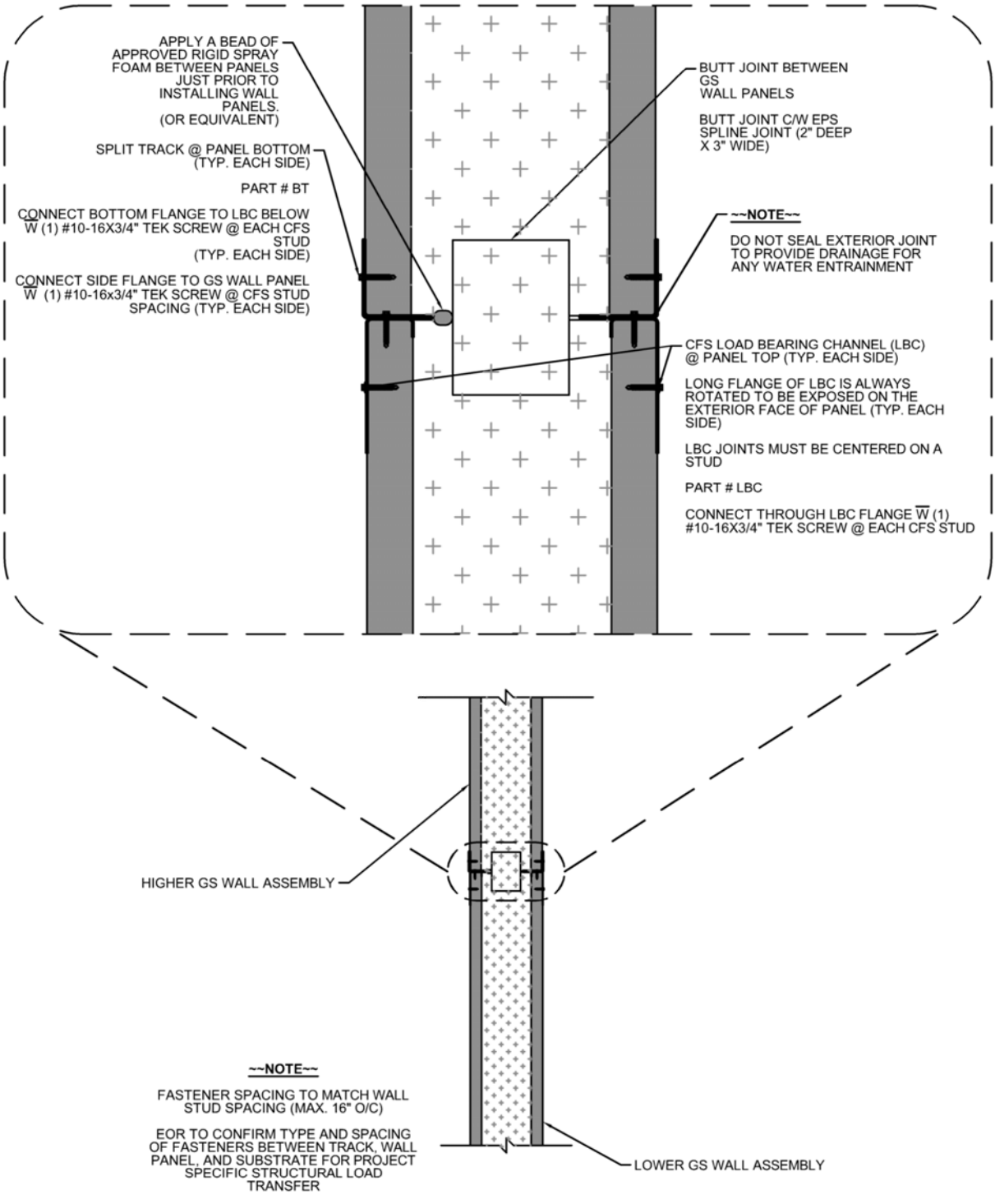
N.T.S. 435

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

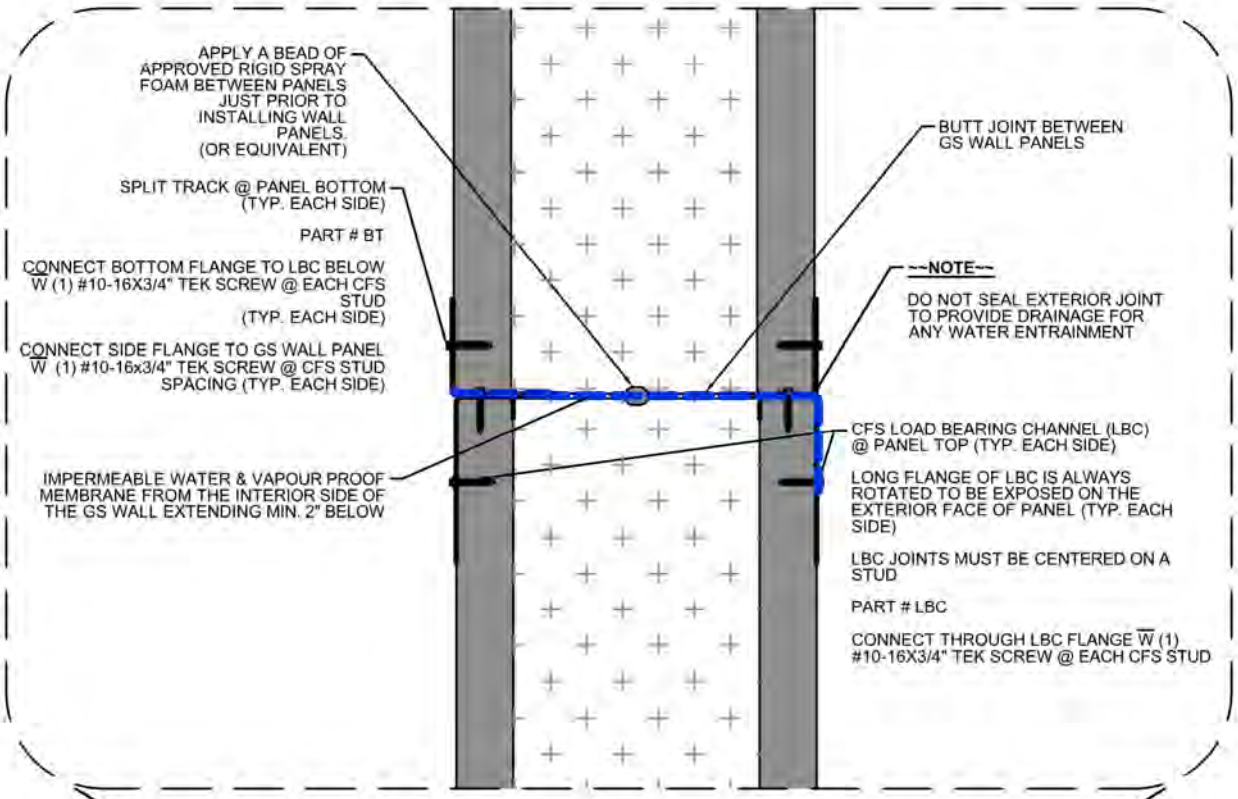
EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.



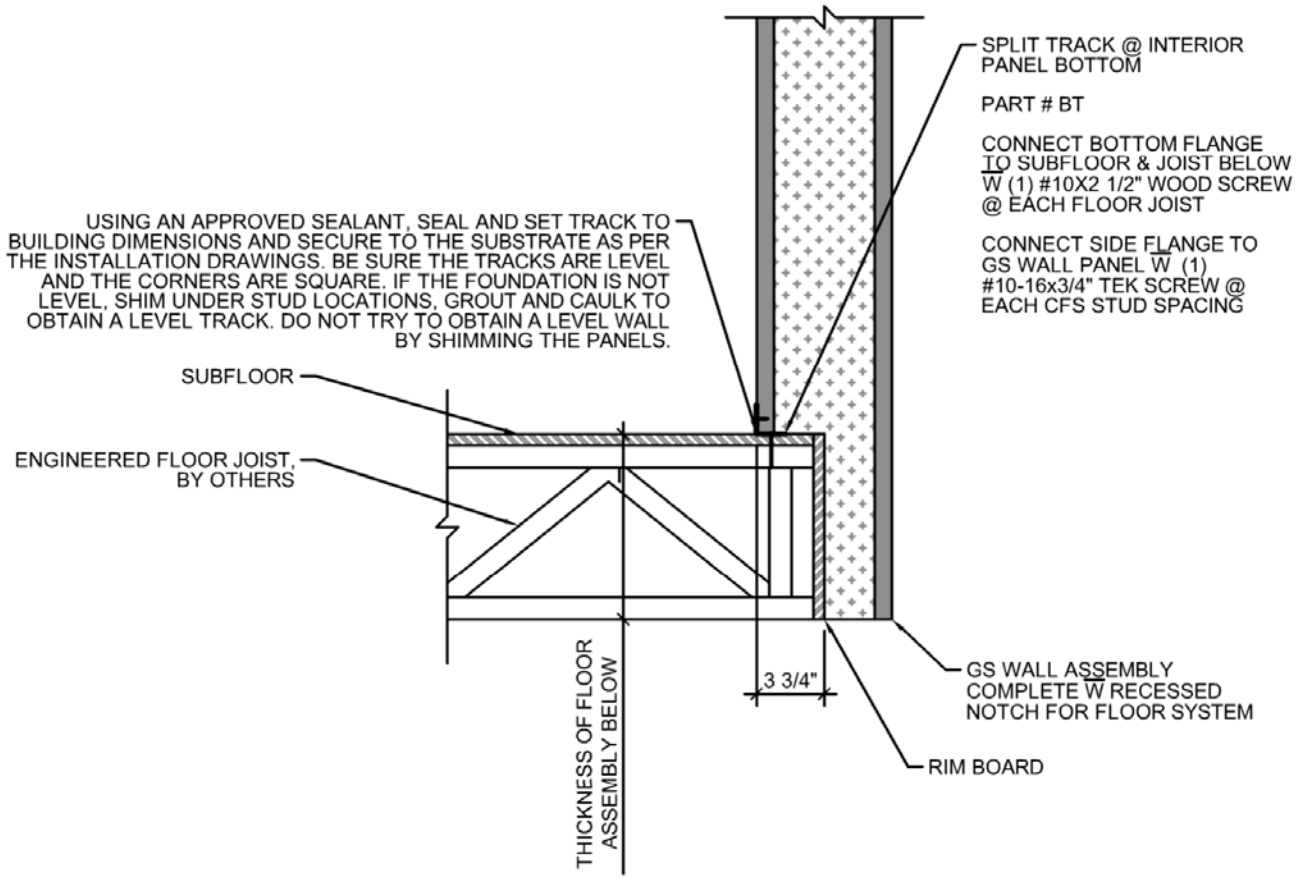
GS BASE INSTALLATION LOWER GS WALL (CONTINUOUS) [SECTION] 441

N.T.S.



GS BASE INSTALLATION LOWER GS WALL (CONTINUOUS) [SECTION]

N.T.S. 442



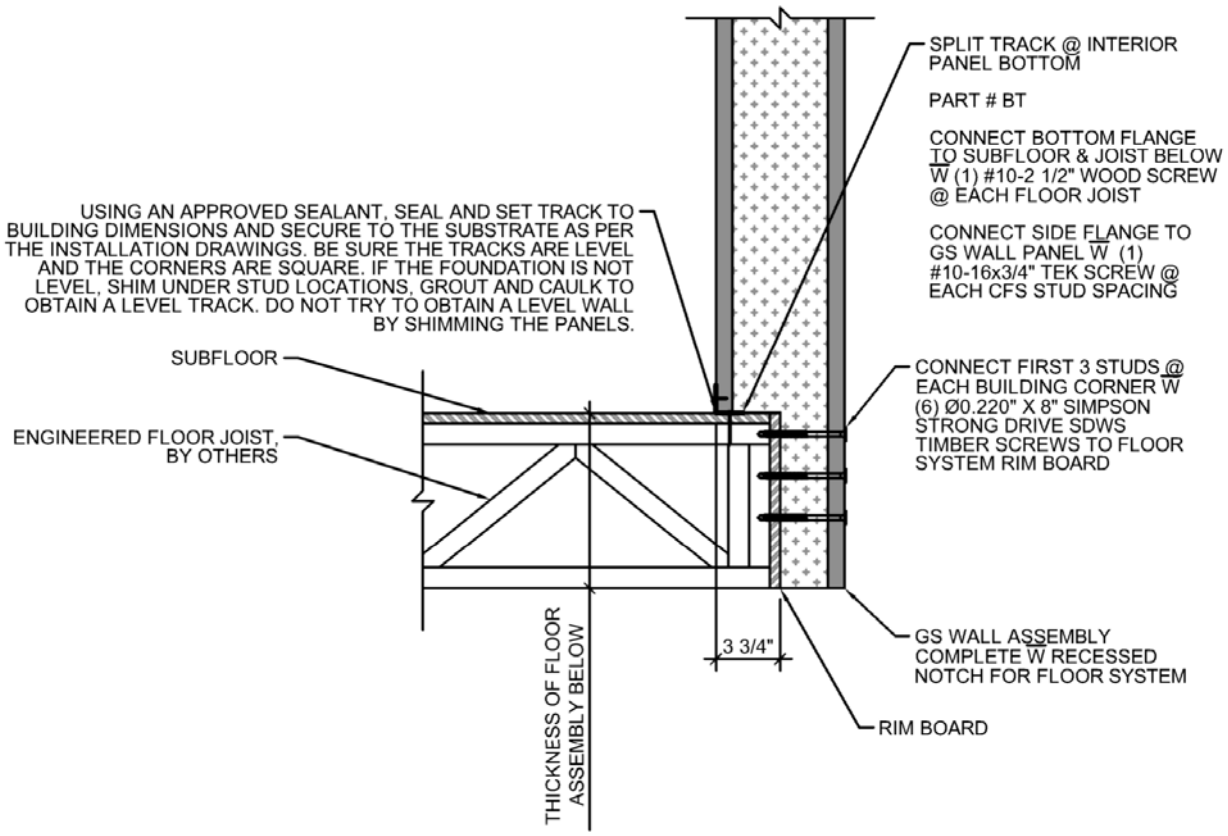
GS WALL ASSEMBLY W BOTTOM LEDGE (SECTION) 450

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



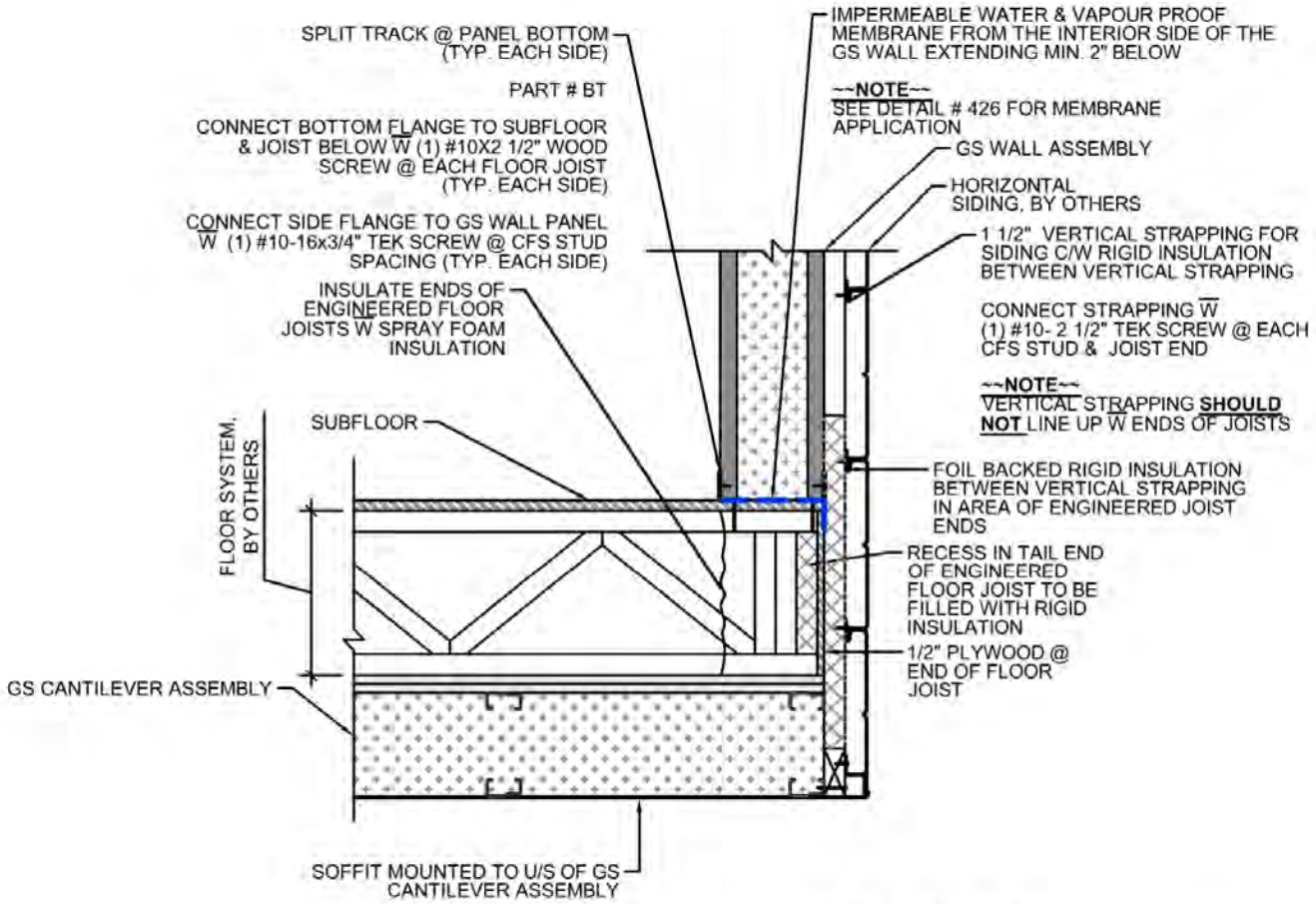
GS WALL ASSEMBLY W BOTTOM LEDGE @ CORNERS (SECTION) 451

N.T.S.

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



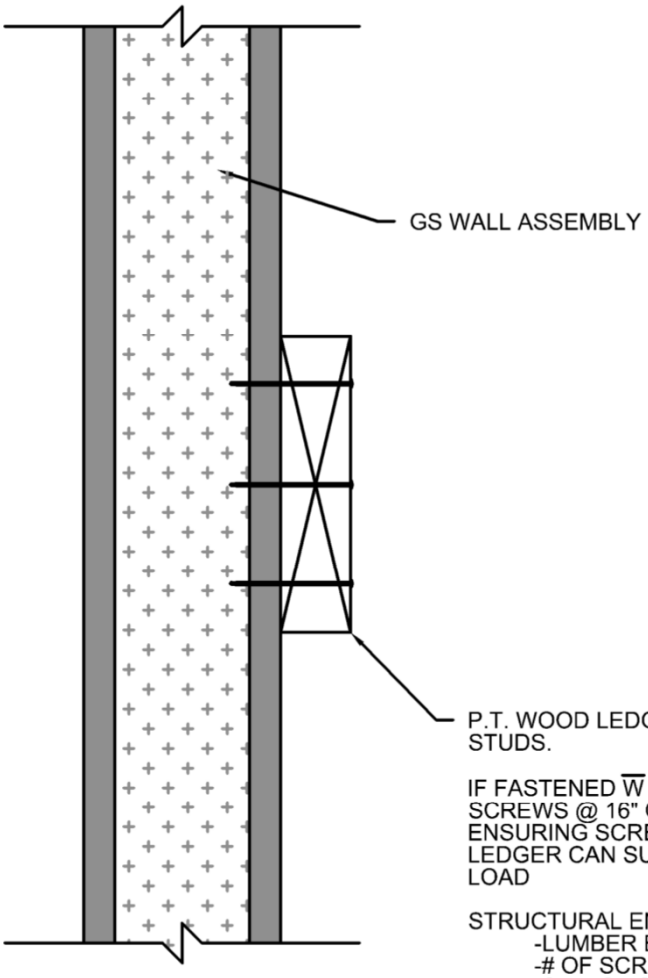
CANTILEVER INSULATION W EXT. STRAPPING FOR SIDING

N.T.S. 452

~~NOTE~~

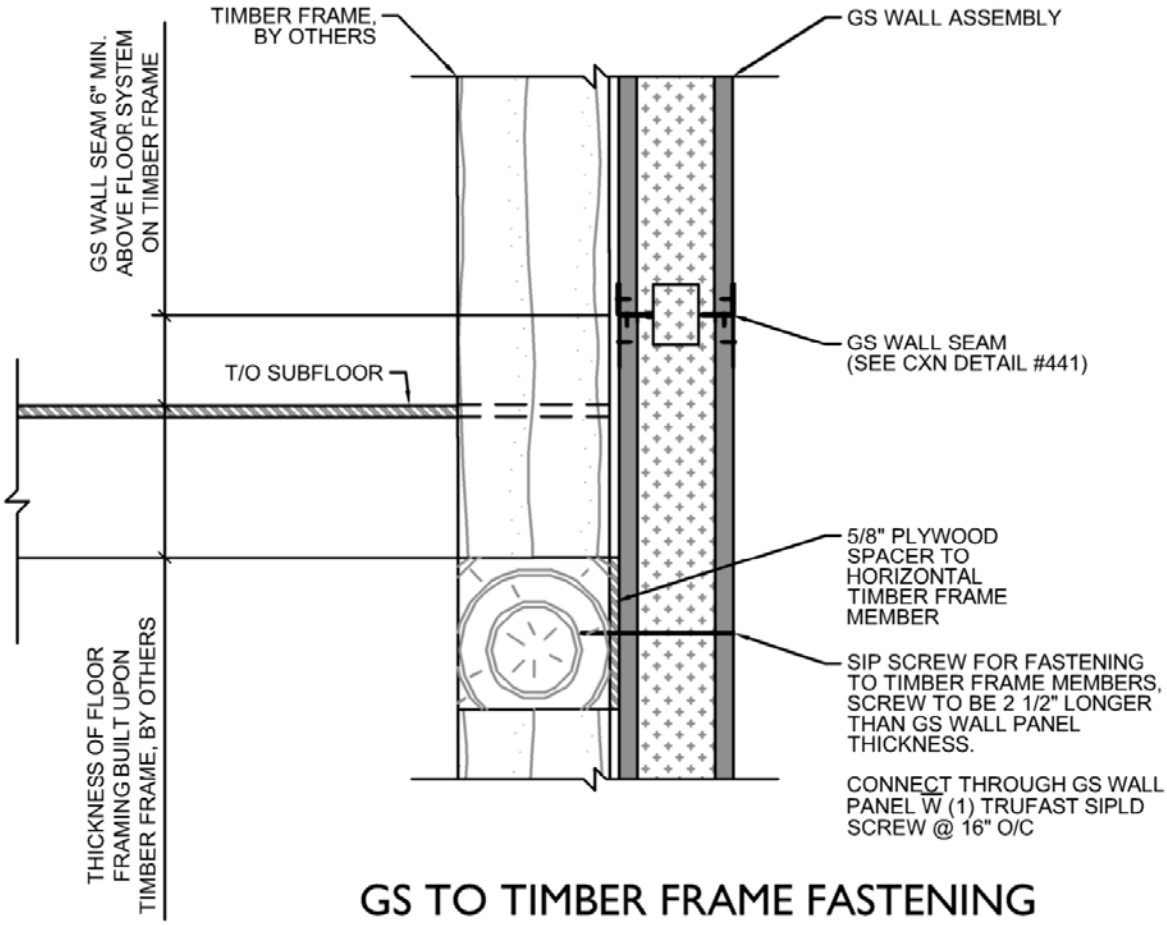
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



LEDGER BOARD INSTALLATION (SECTION) 460

N.T.S.



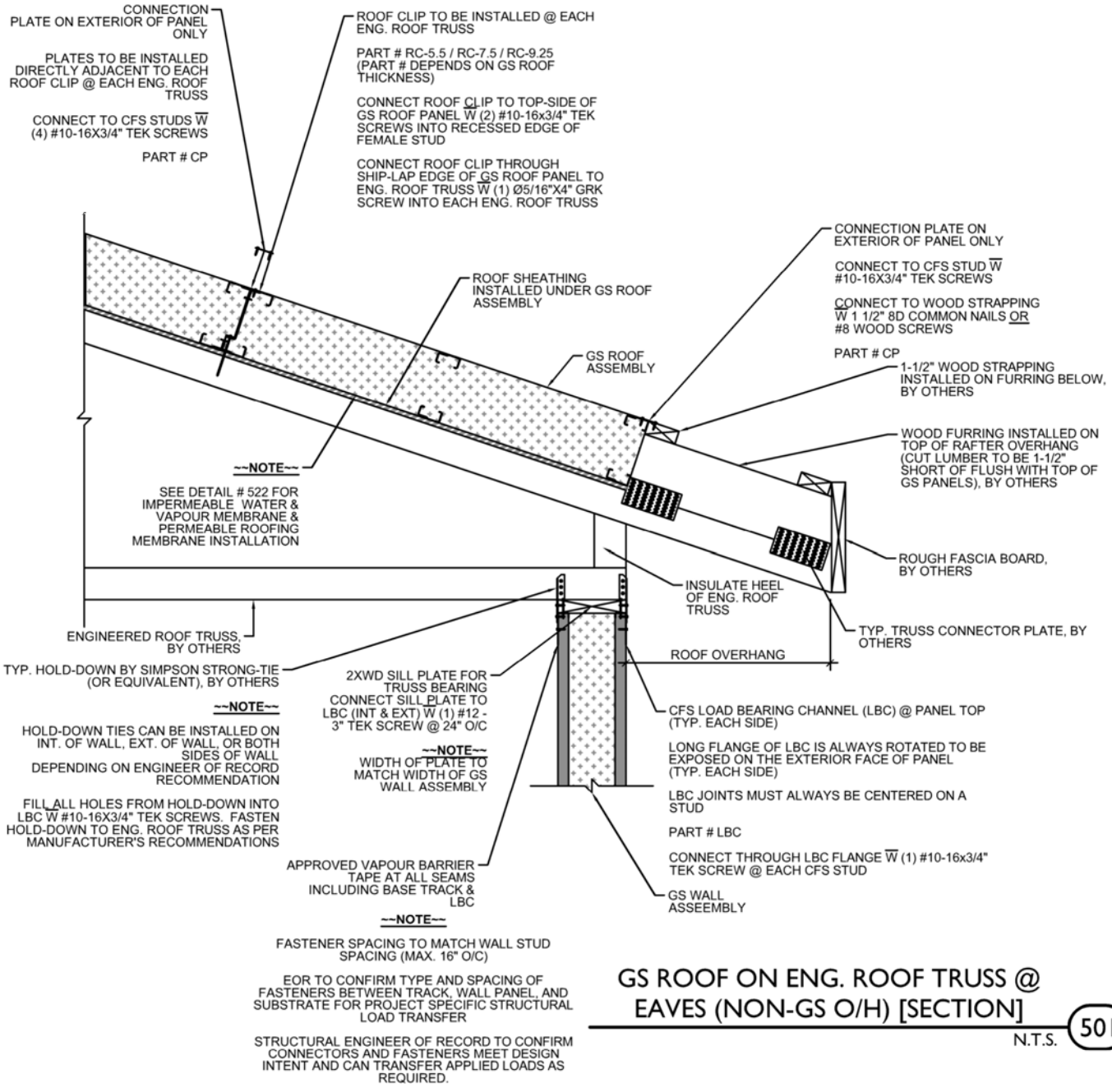
GS TO TIMBER FRAME FASTENING [SECTION]

N.T.S. 461

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

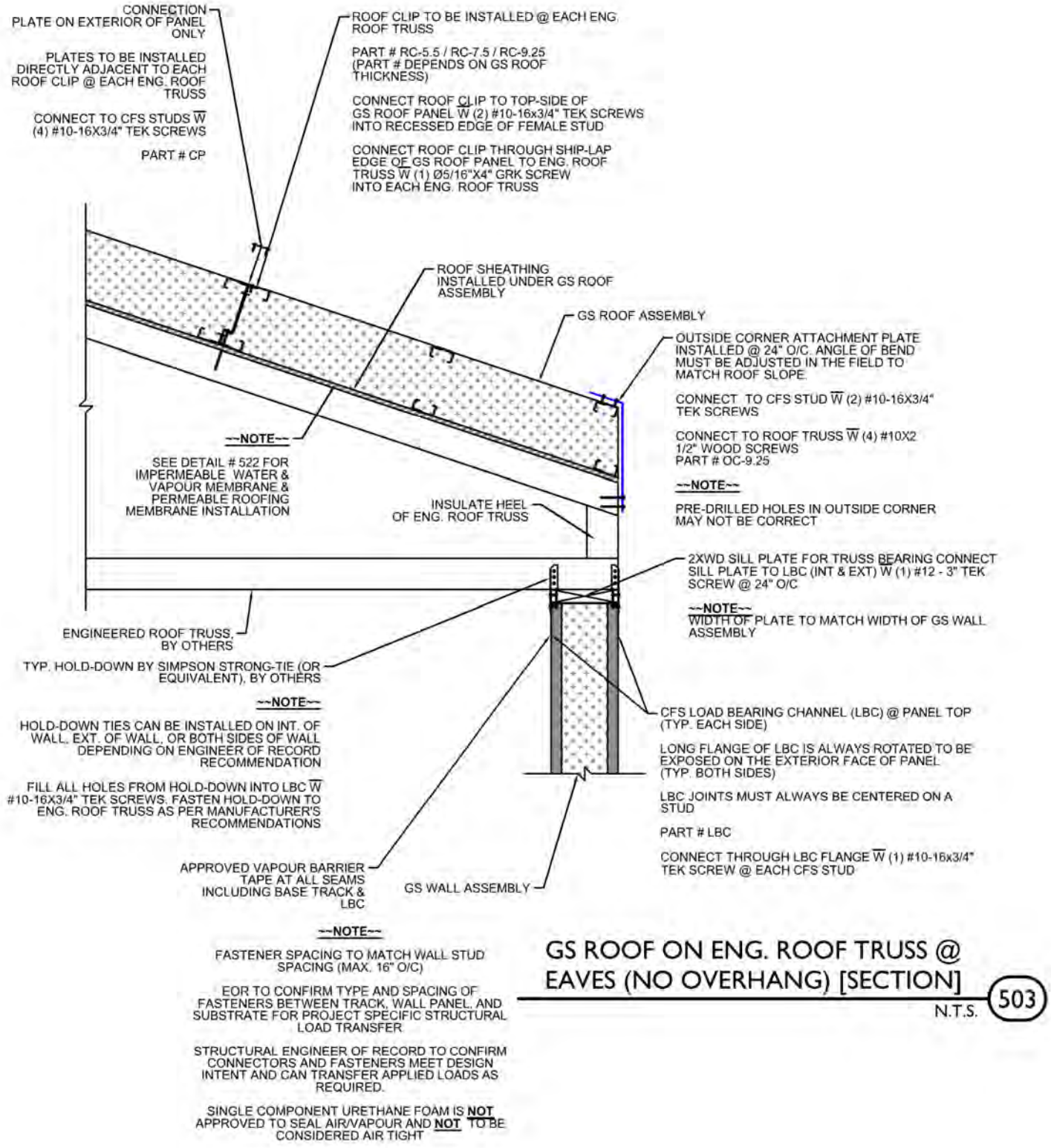
EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER



GS ROOF ON ENG. ROOF TRUSS @ EAVES (NON-GS O/H) [SECTION]

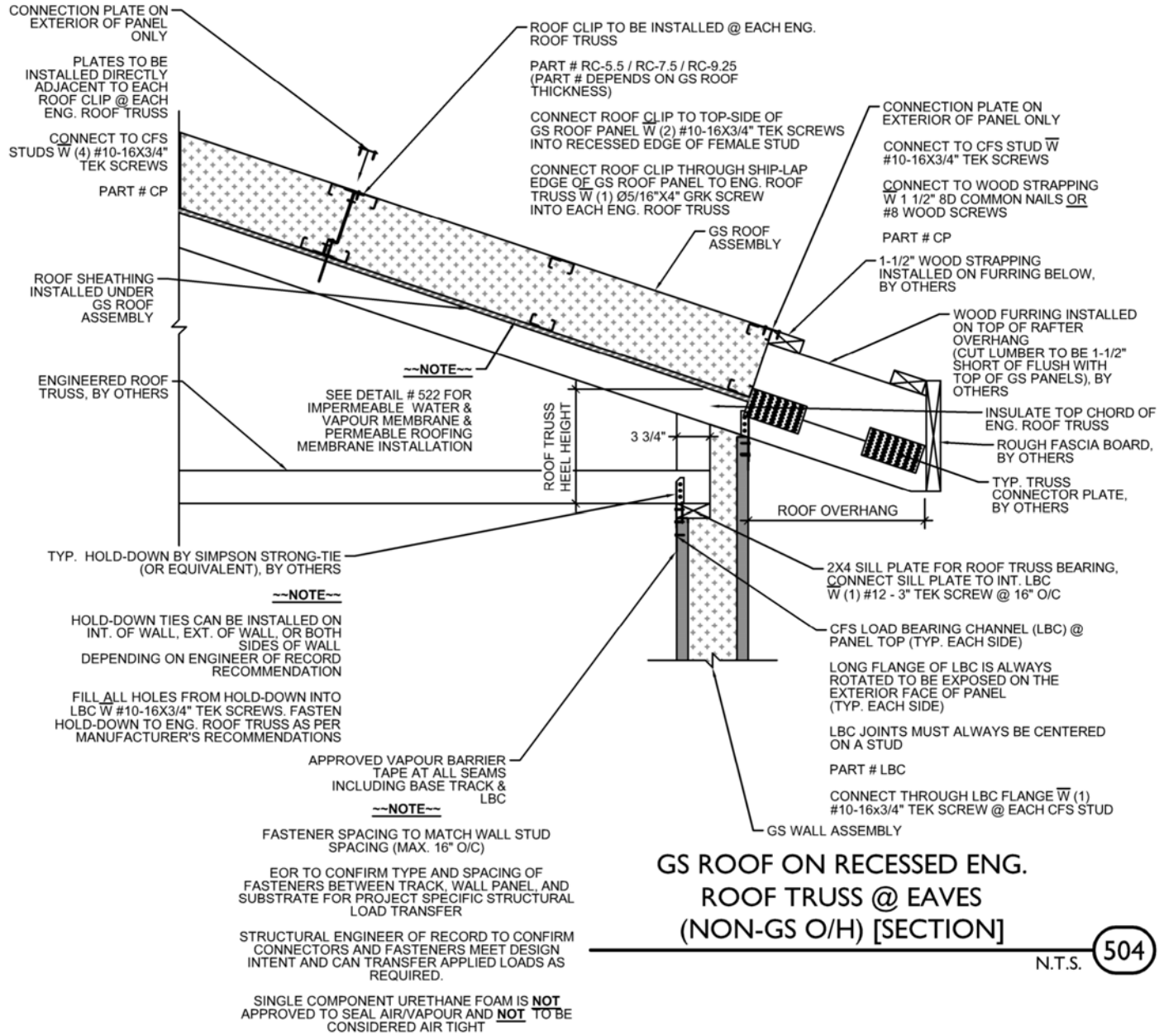
N.T.S.

501



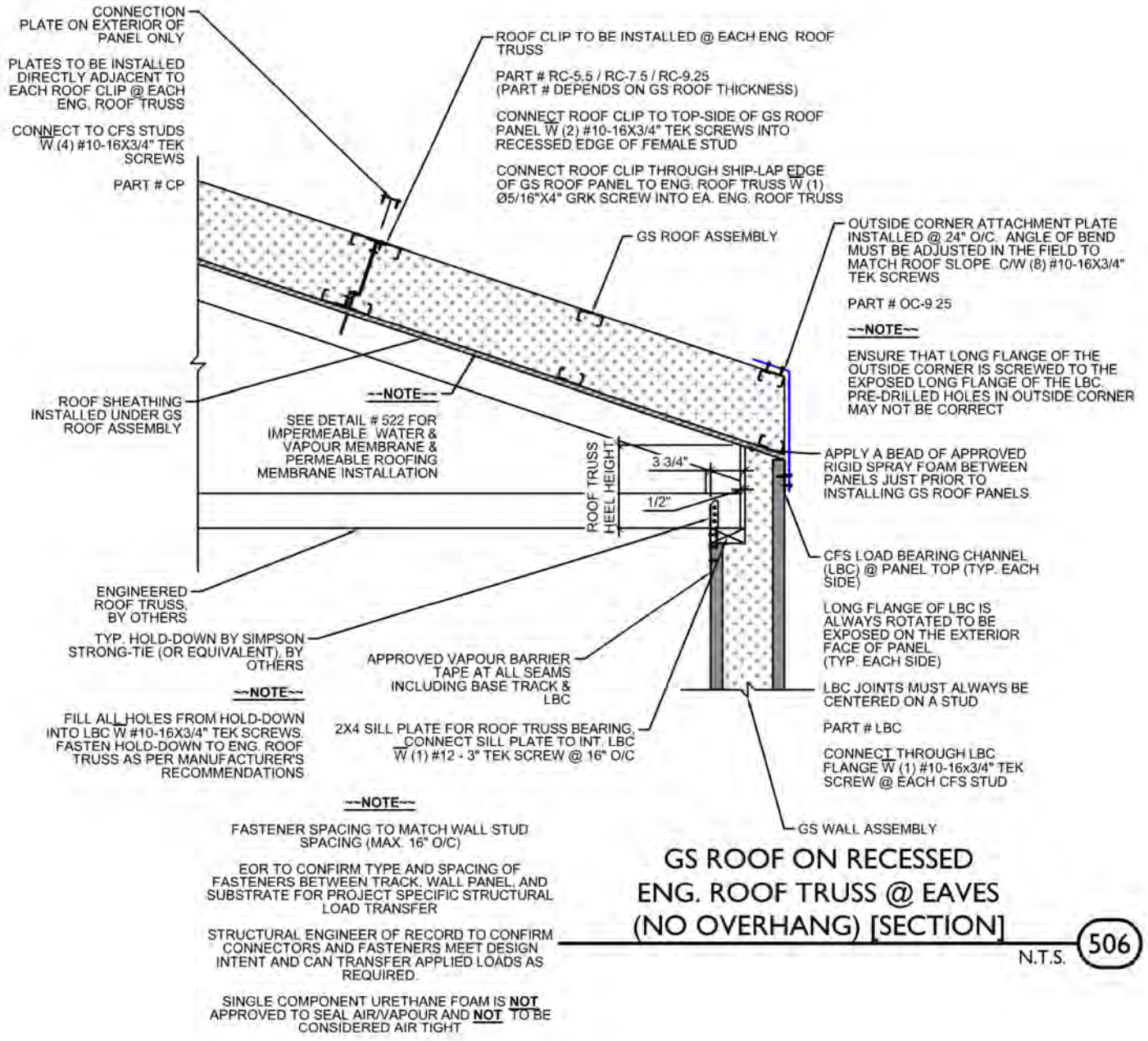
GS ROOF ON ENG. ROOF TRUSS @ EAVES (NO OVERHANG) [SECTION]

N.T.S. 503



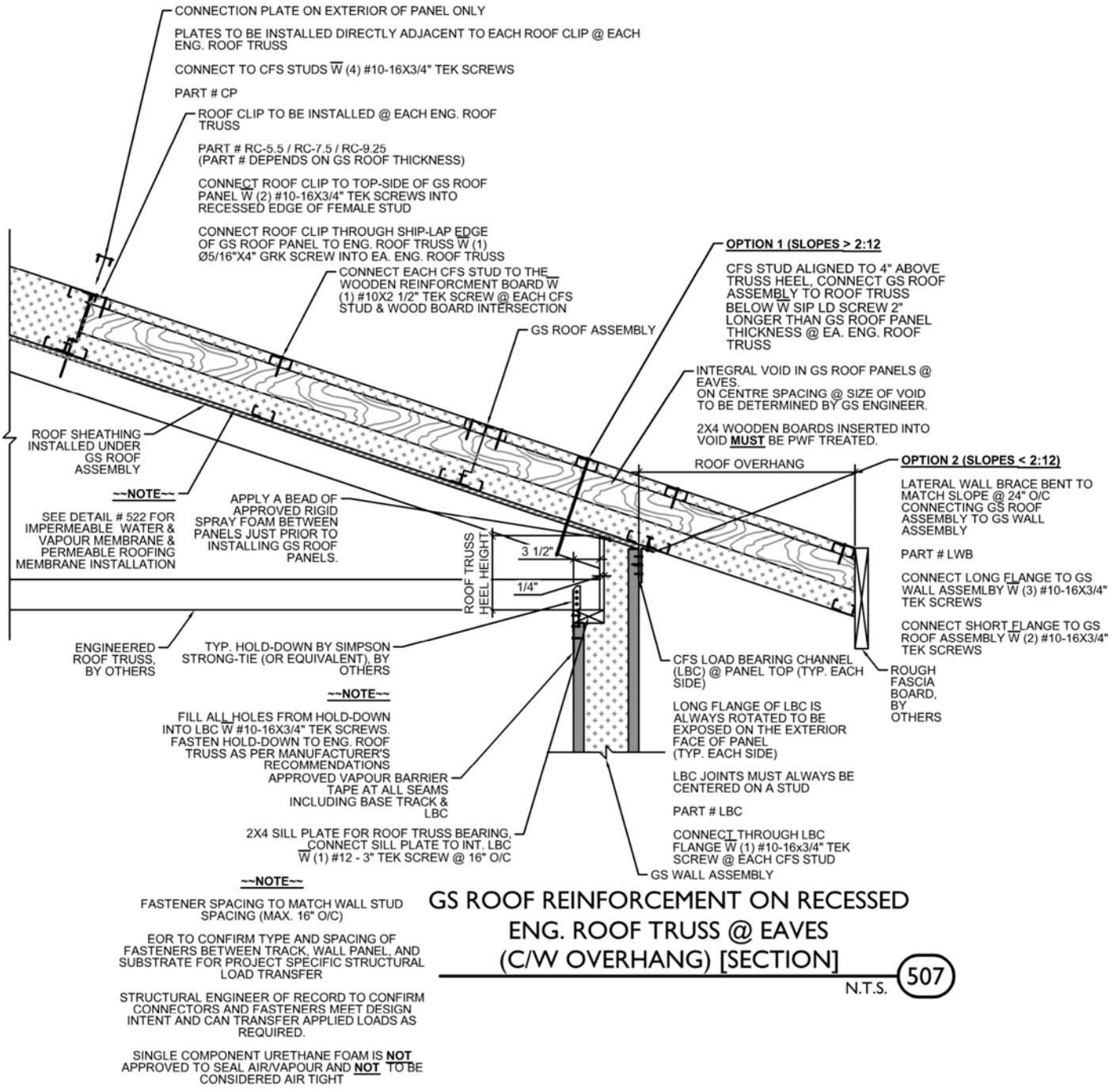
GS ROOF ON RECESSED ENG. ROOF TRUSS @ EAVES (NON-GS O/H) [SECTION]

N.T.S. 504



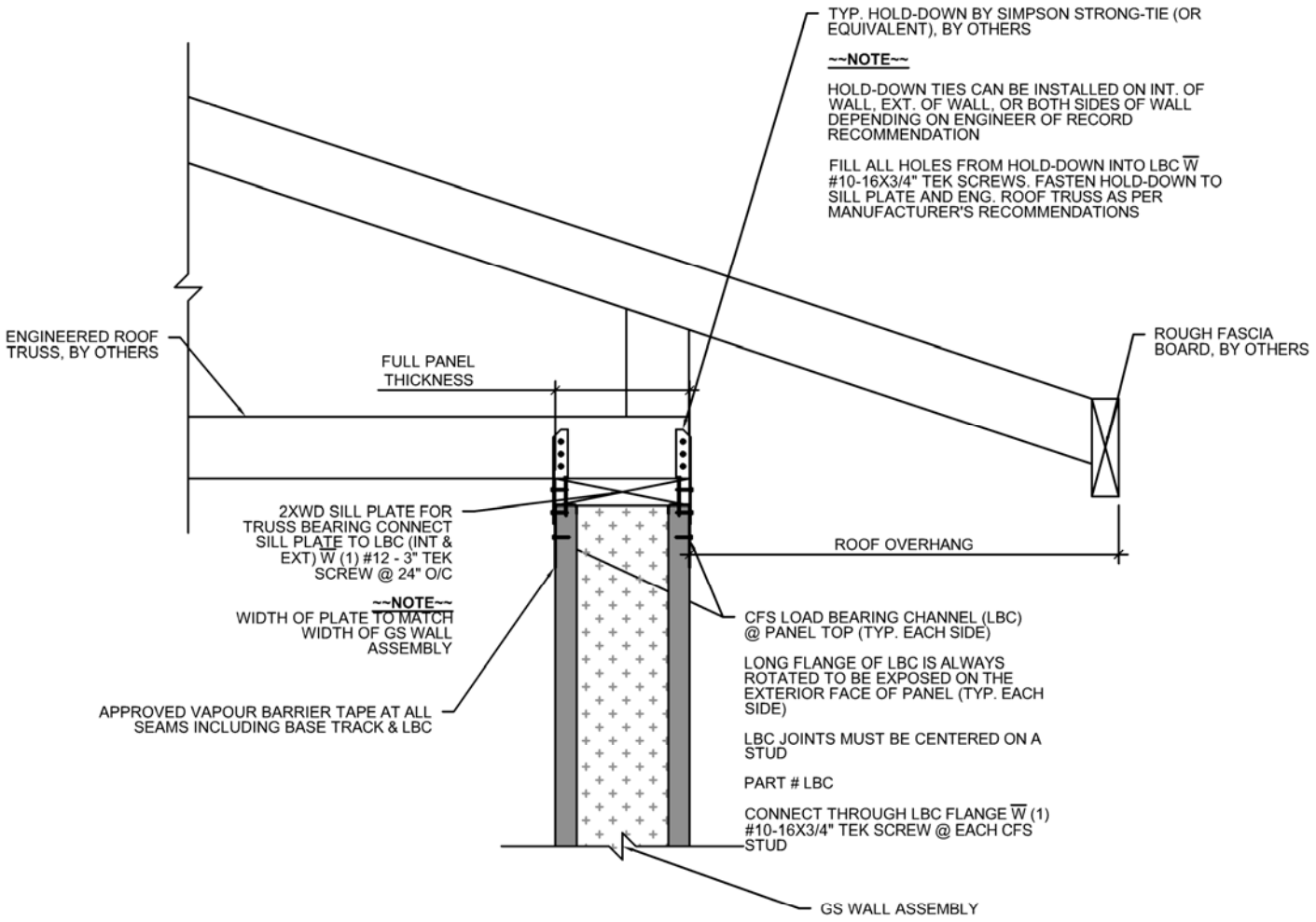
GS ROOF ON RECESSED ENG. ROOF TRUSS @ EAVES (NO OVERHANG) [SECTION]

N.T.S. 506



GS ROOF REINFORCEMENT ON RECESSED ENG. ROOF TRUSS @ EAVES (C/W OVERHANG) [SECTION]

N.T.S. 507



FULL BEARING ROOF W SILL PLATE (SECTION)

N.T.S. 508

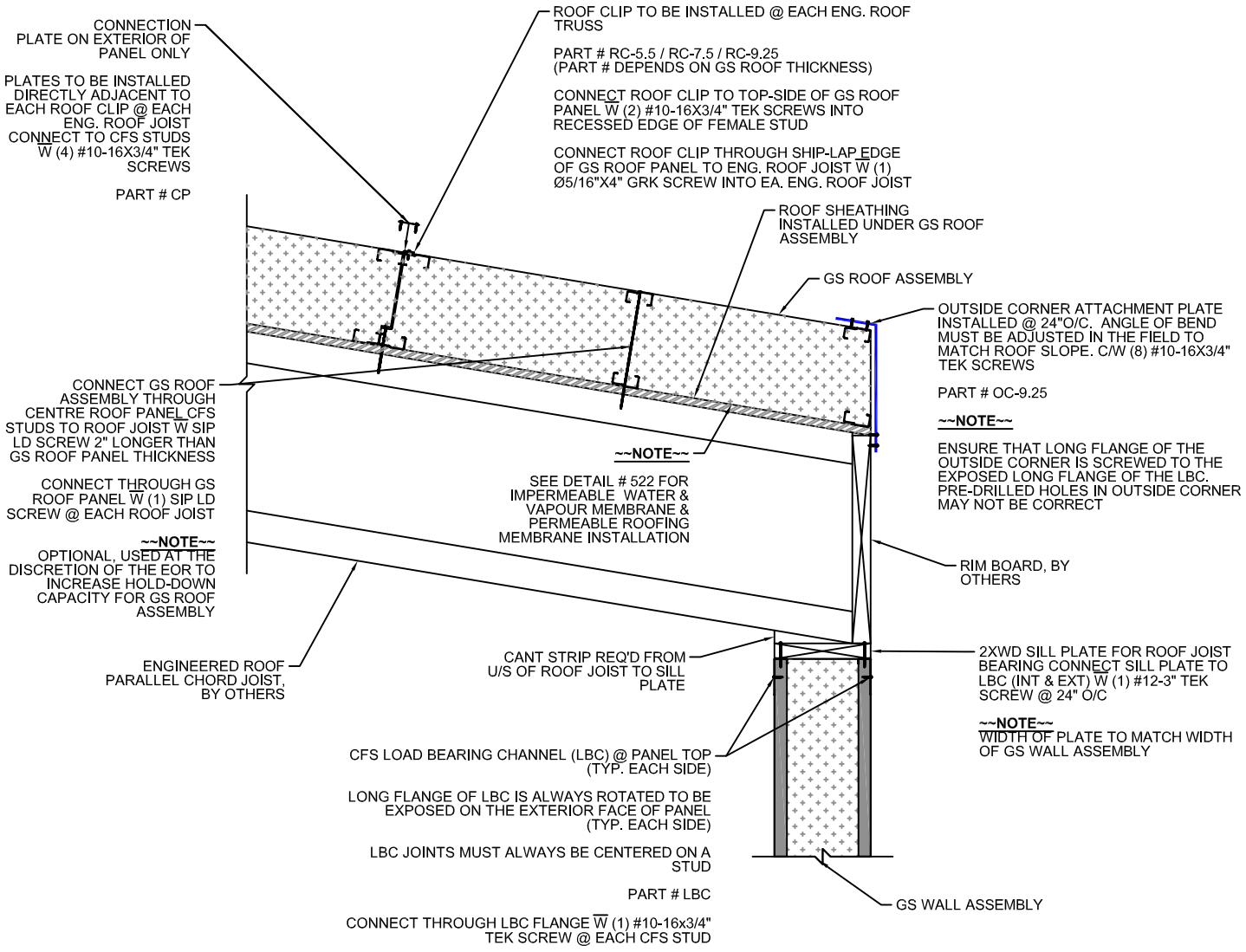
~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT



~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

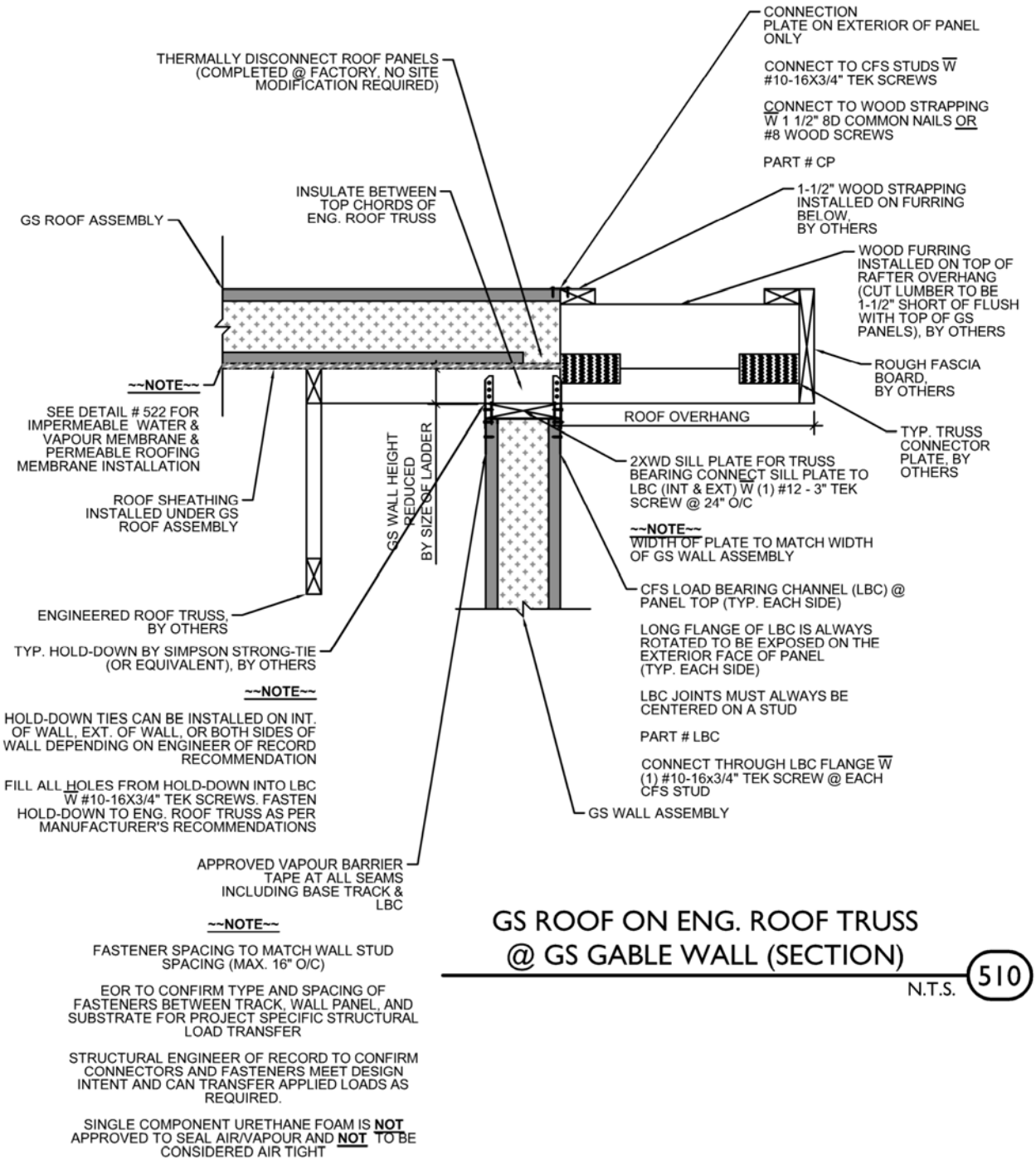
EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

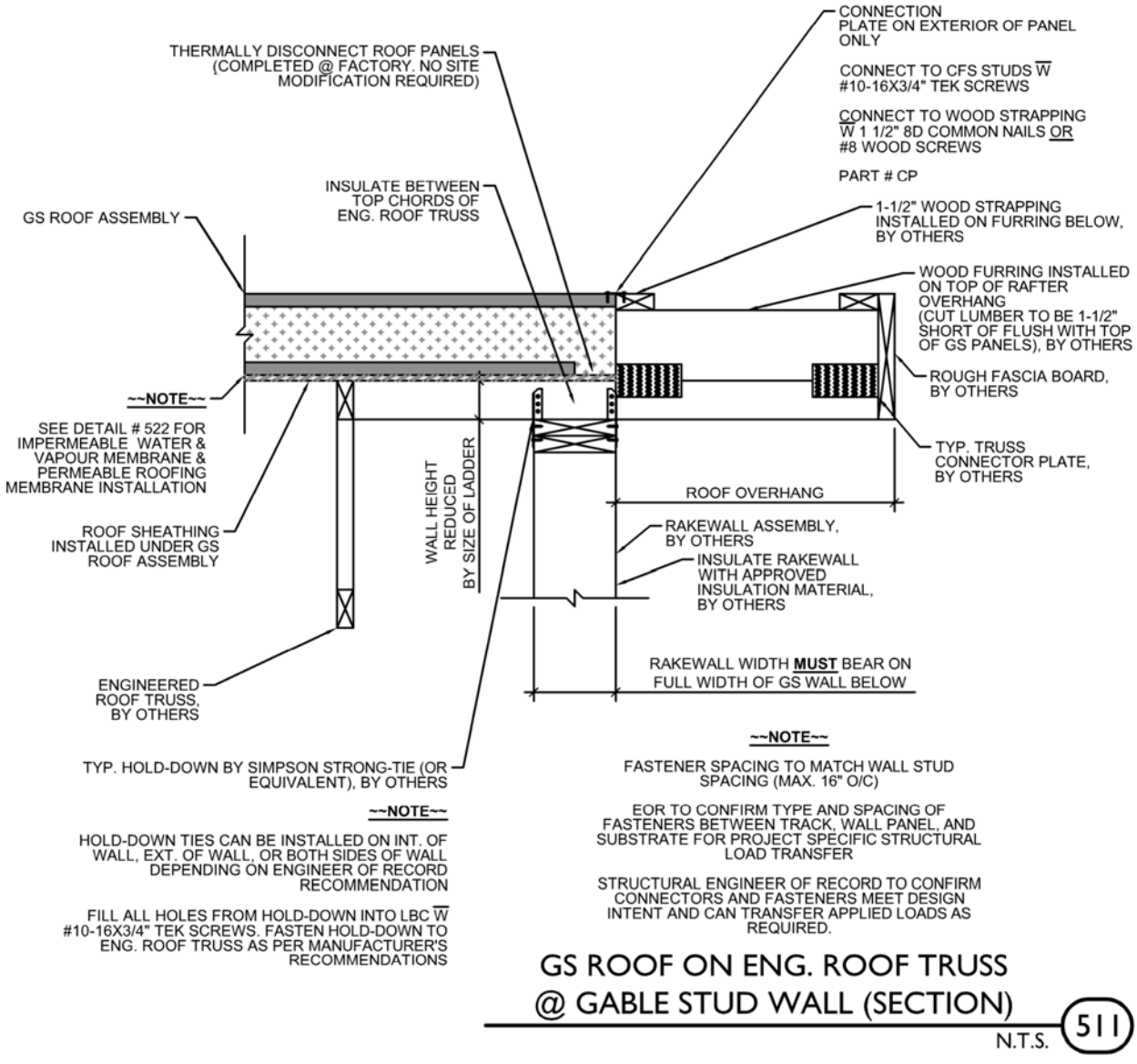
GS ROOF ON ENG. PARALLELL CHORD ROOF JOIST @ EAVES (NO OVERHANG) [SECTION]

N.T.S. 509



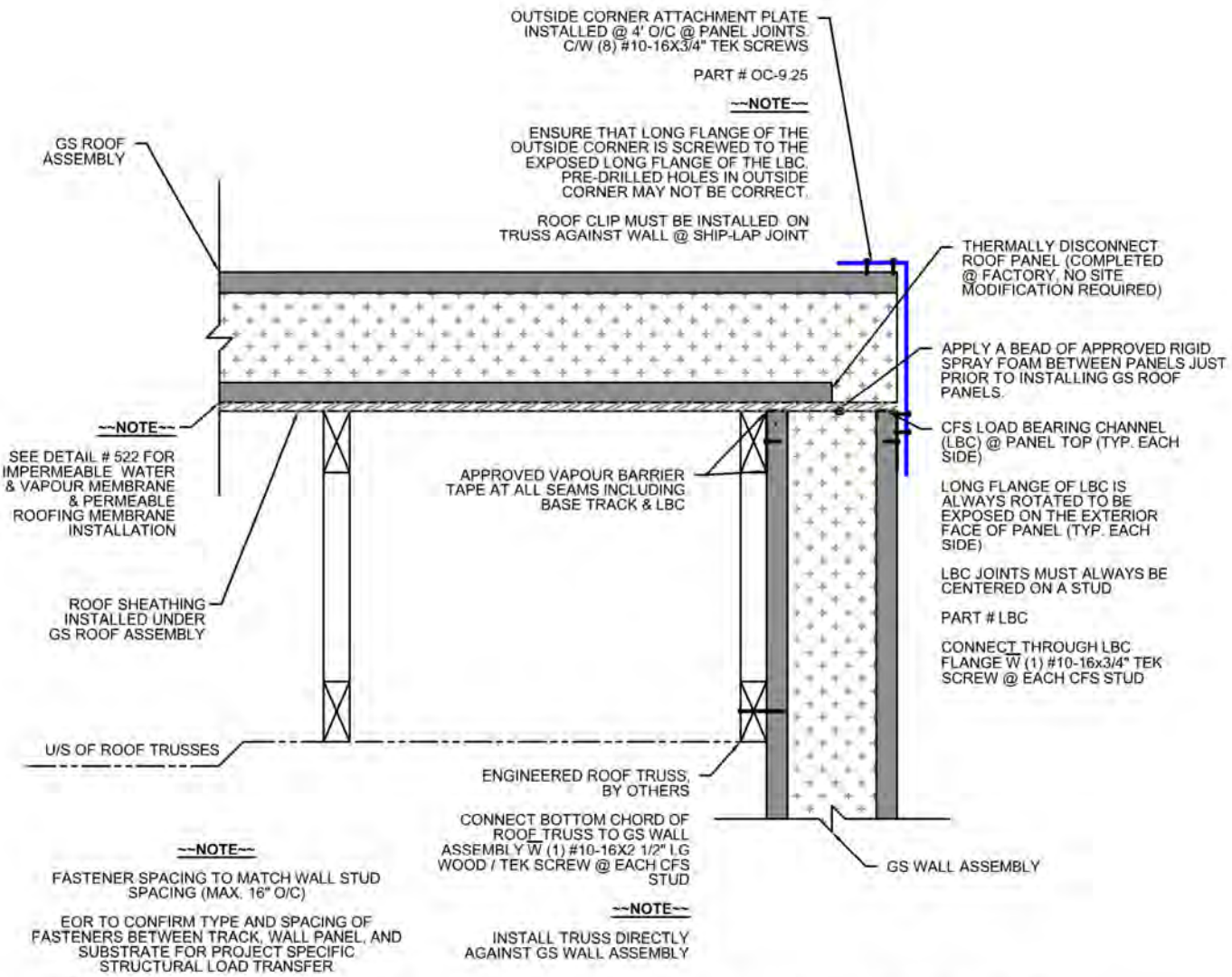
GS ROOF ON ENG. ROOF TRUSS @ GS GABLE WALL (SECTION)

N.T.S. 510



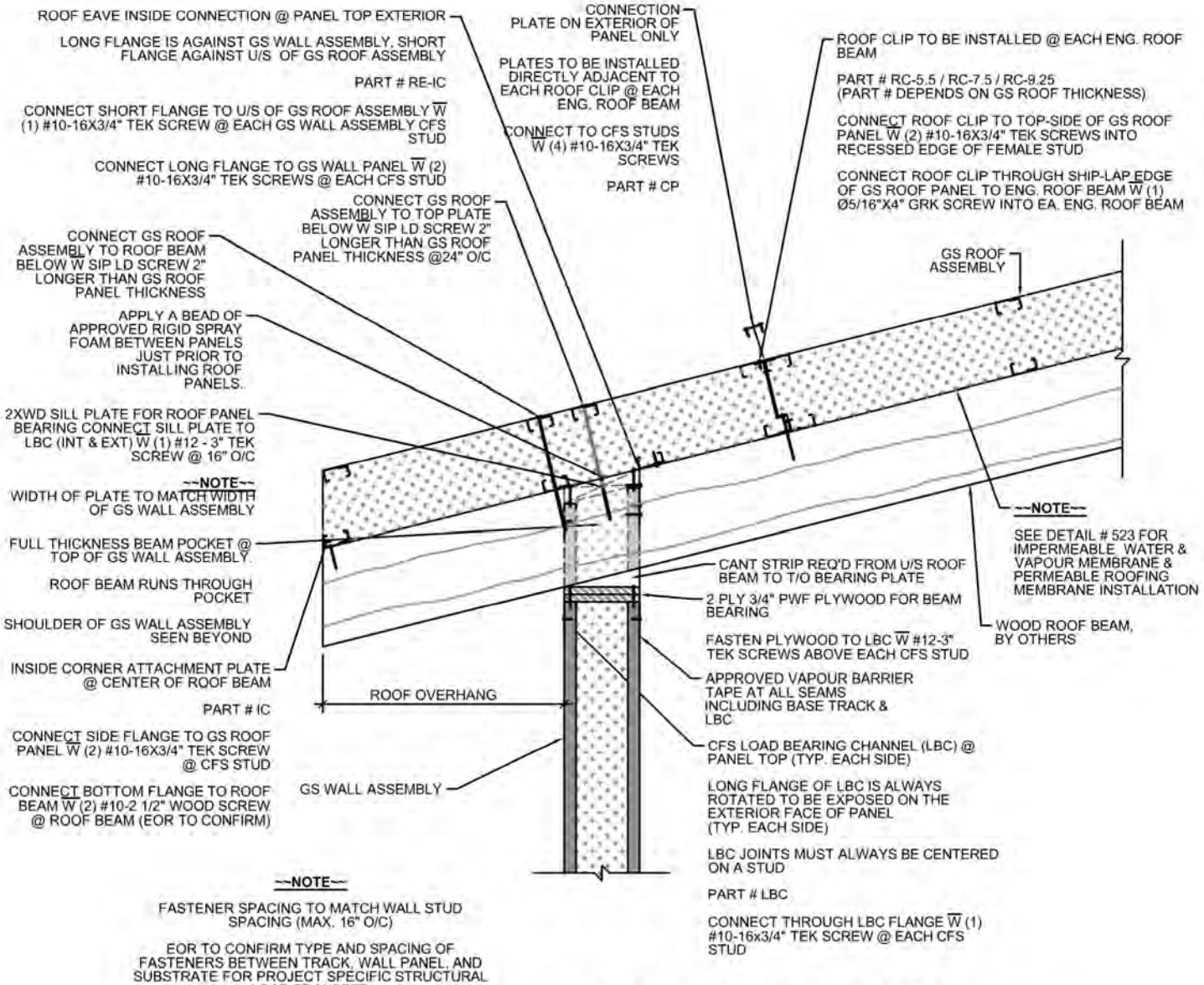
GS ROOF ON ENG. ROOF TRUSS @ GABLE STUD WALL (SECTION)

N.T.S. 511



GS ROOF ON ENG. ROOF TRUSS @ GABLE WALL (NO OVERHANG) [SECTION] 513

N.T.S.



~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED

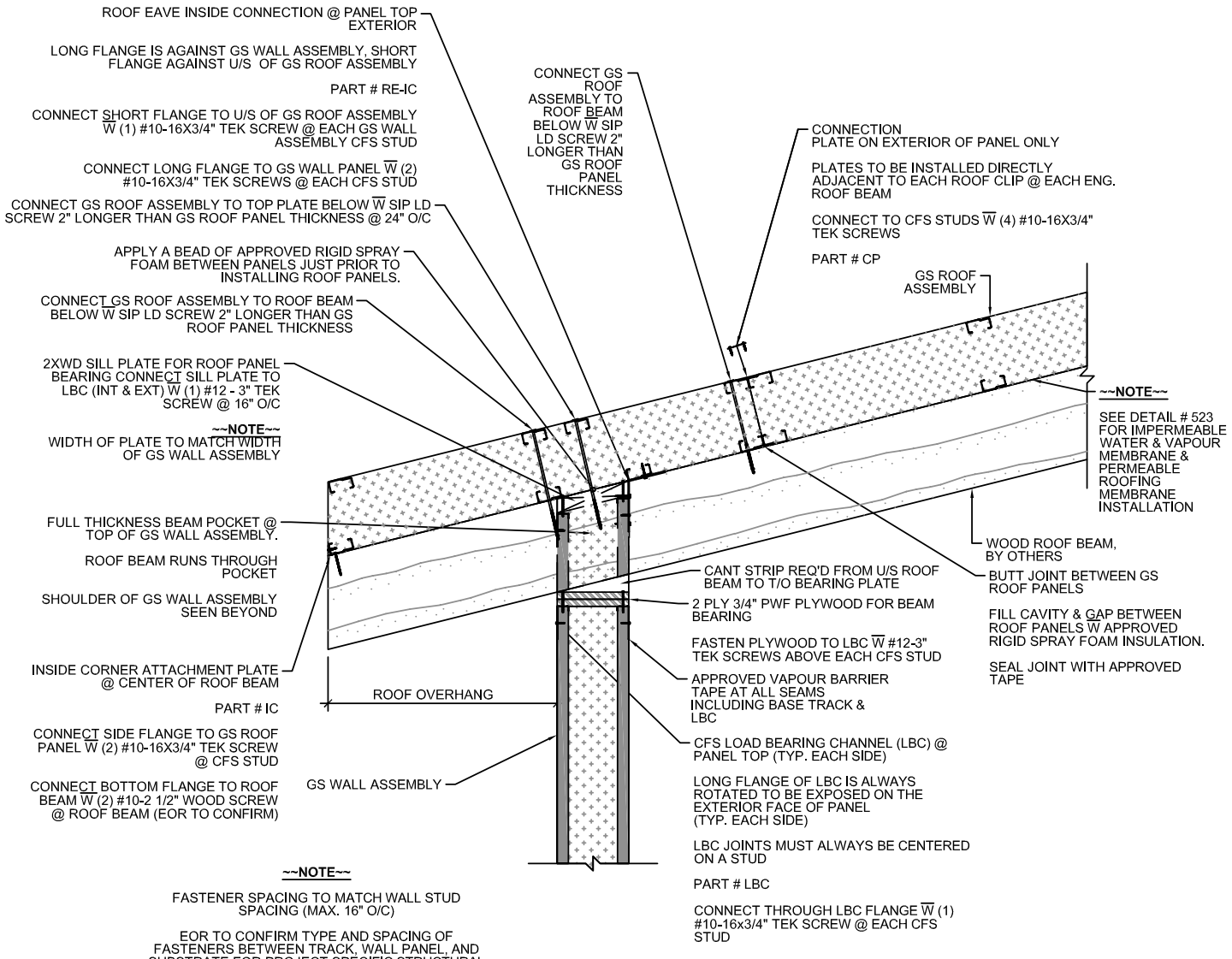
UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER

GS ROOF @ EAVES ON BEAM (SHIP-LAP JOINT)[SECTION]

N.T.S. 514



~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED

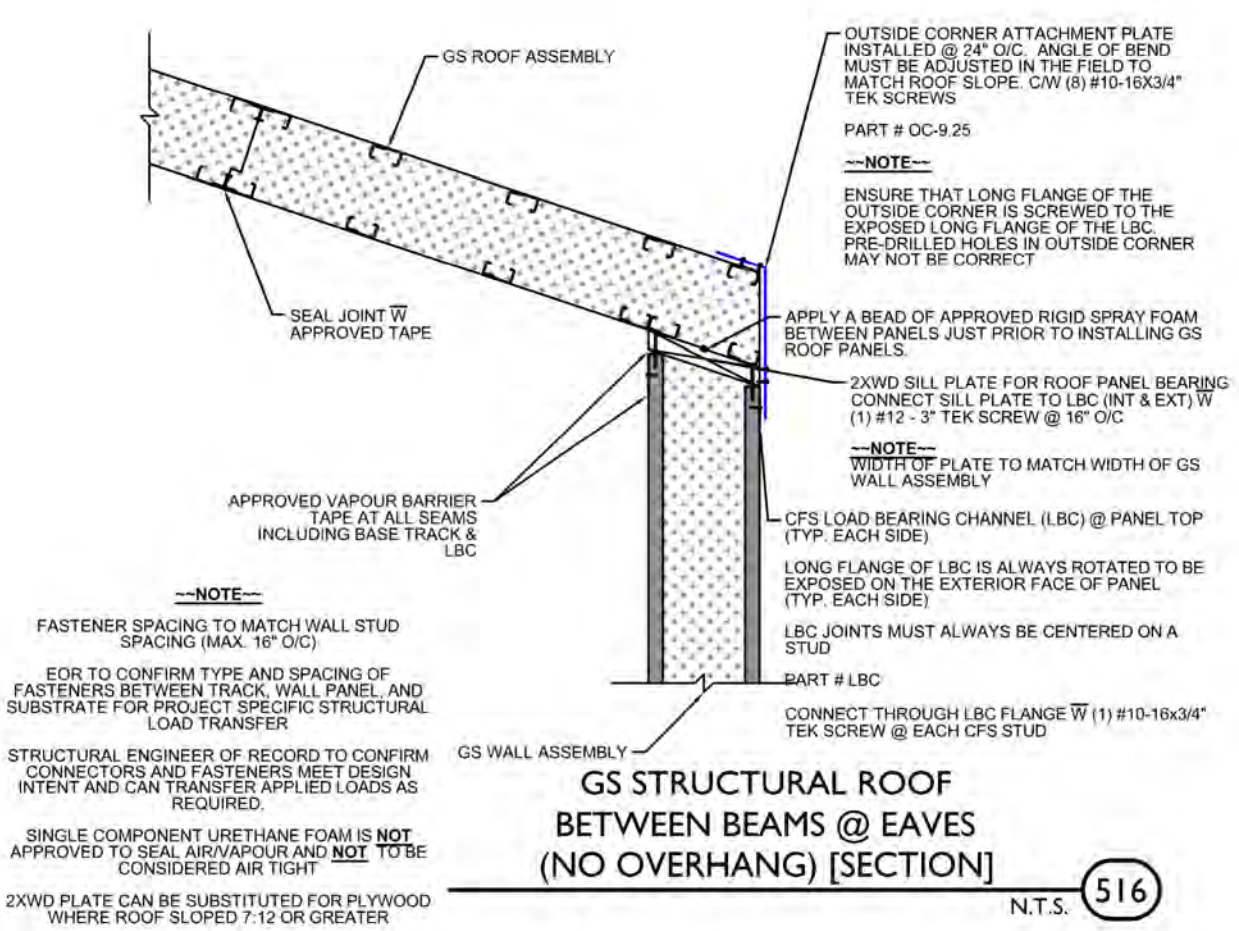
UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER

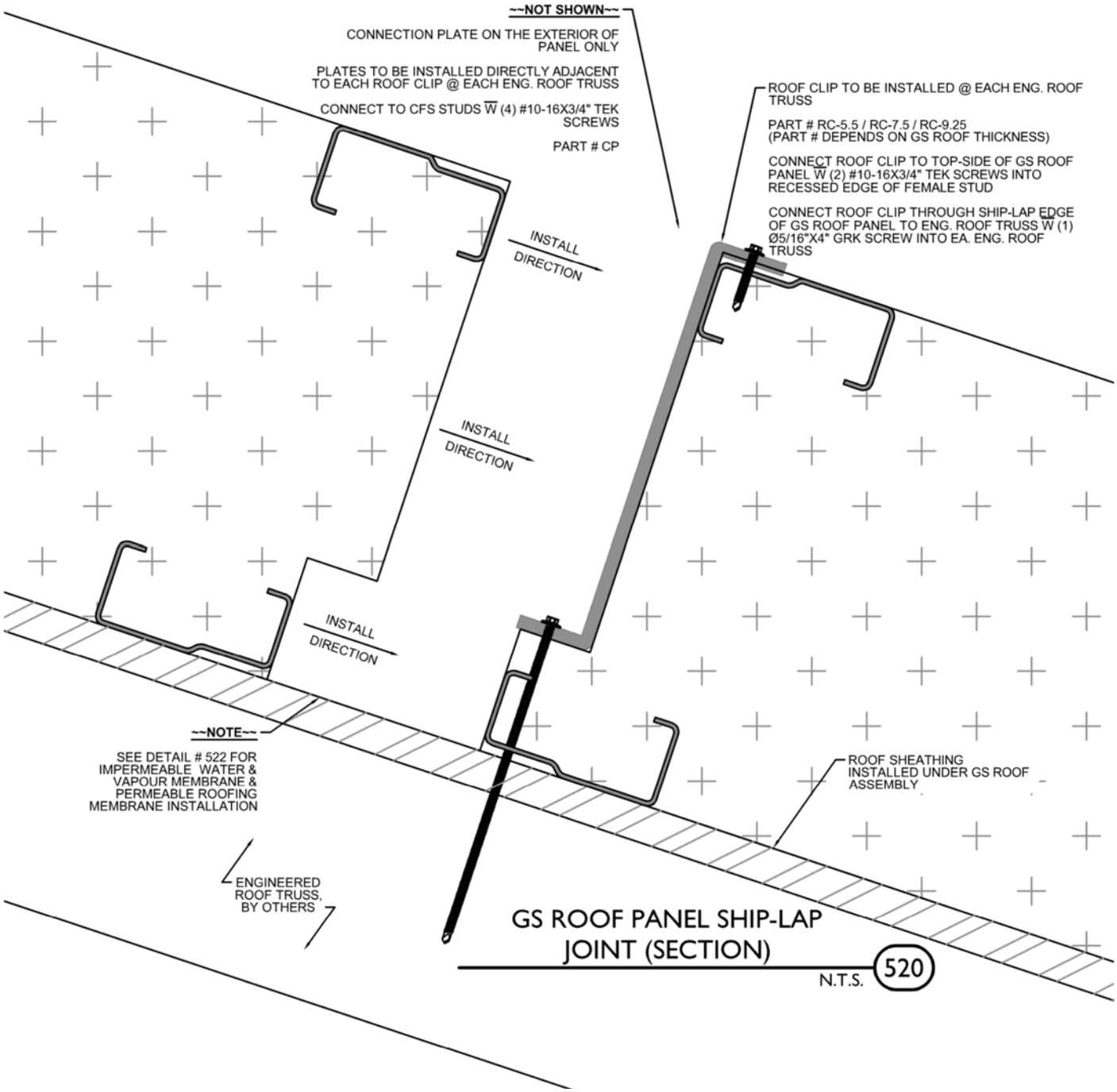
GS ROOF @ EAVES ON BEAM (SHIP-LAP JOINT) [SECTION]

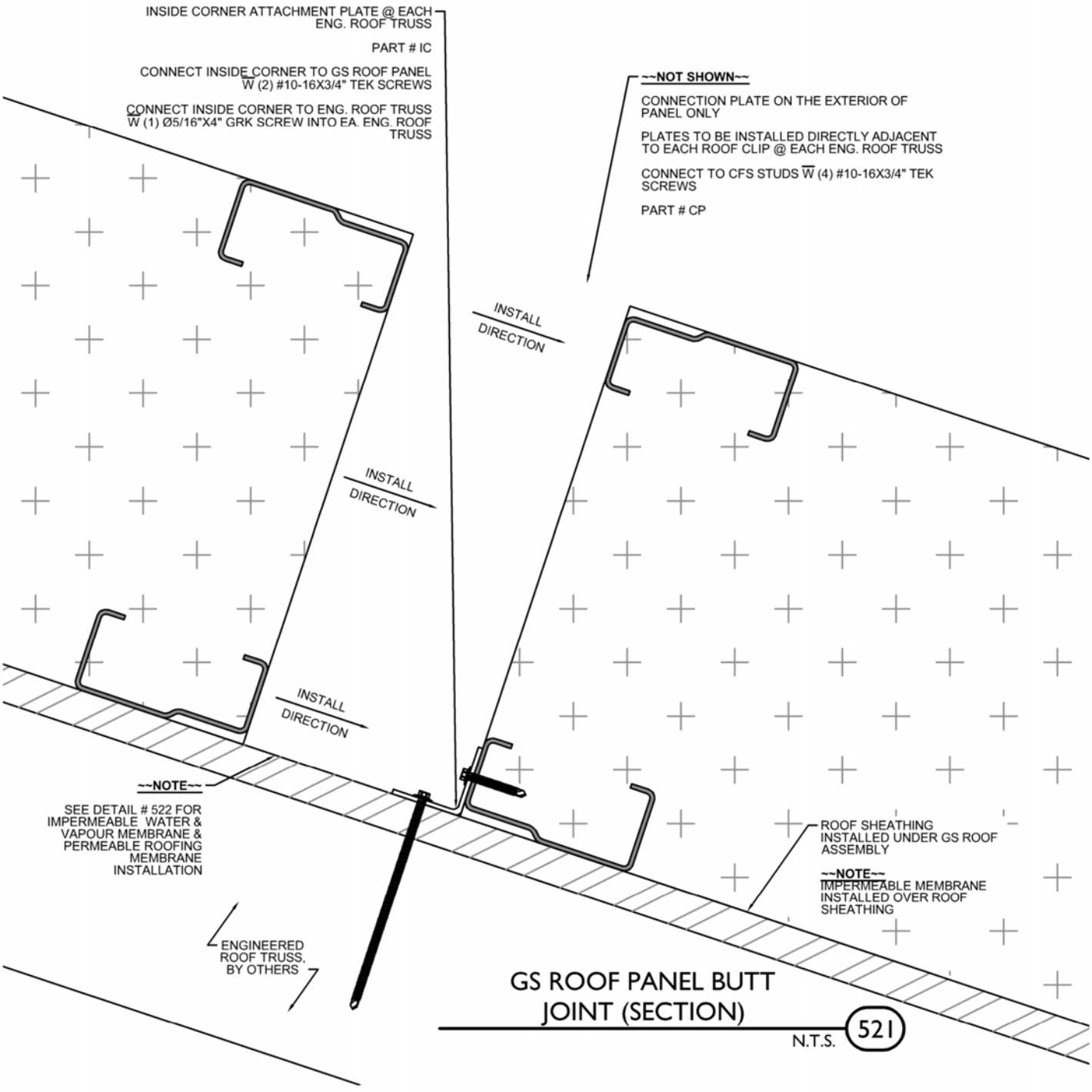
N.T.S. 515



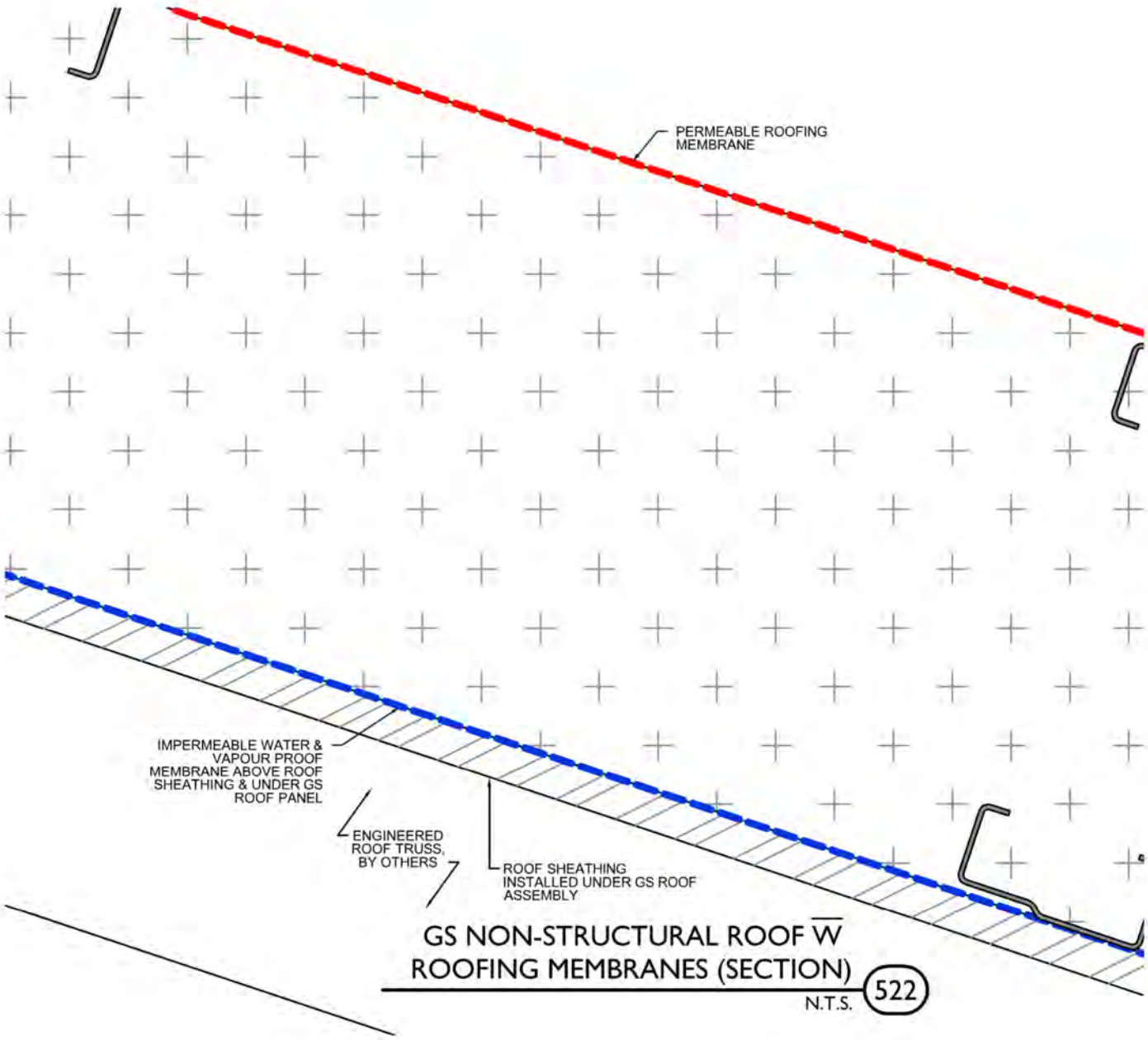
GS STRUCTURAL ROOF BETWEEN BEAMS @ EAVES (NO OVERHANG) [SECTION]

N.T.S. 516

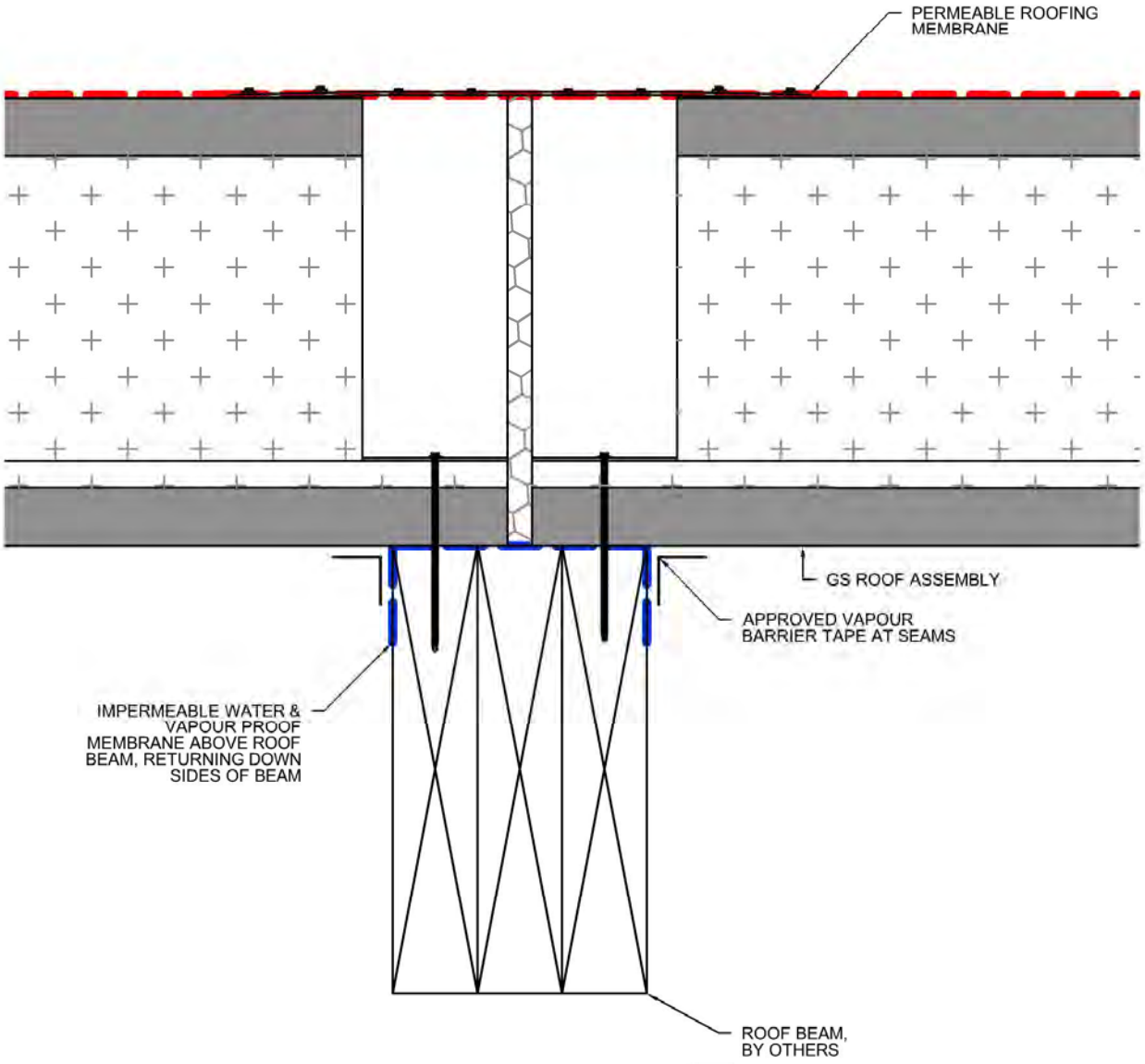




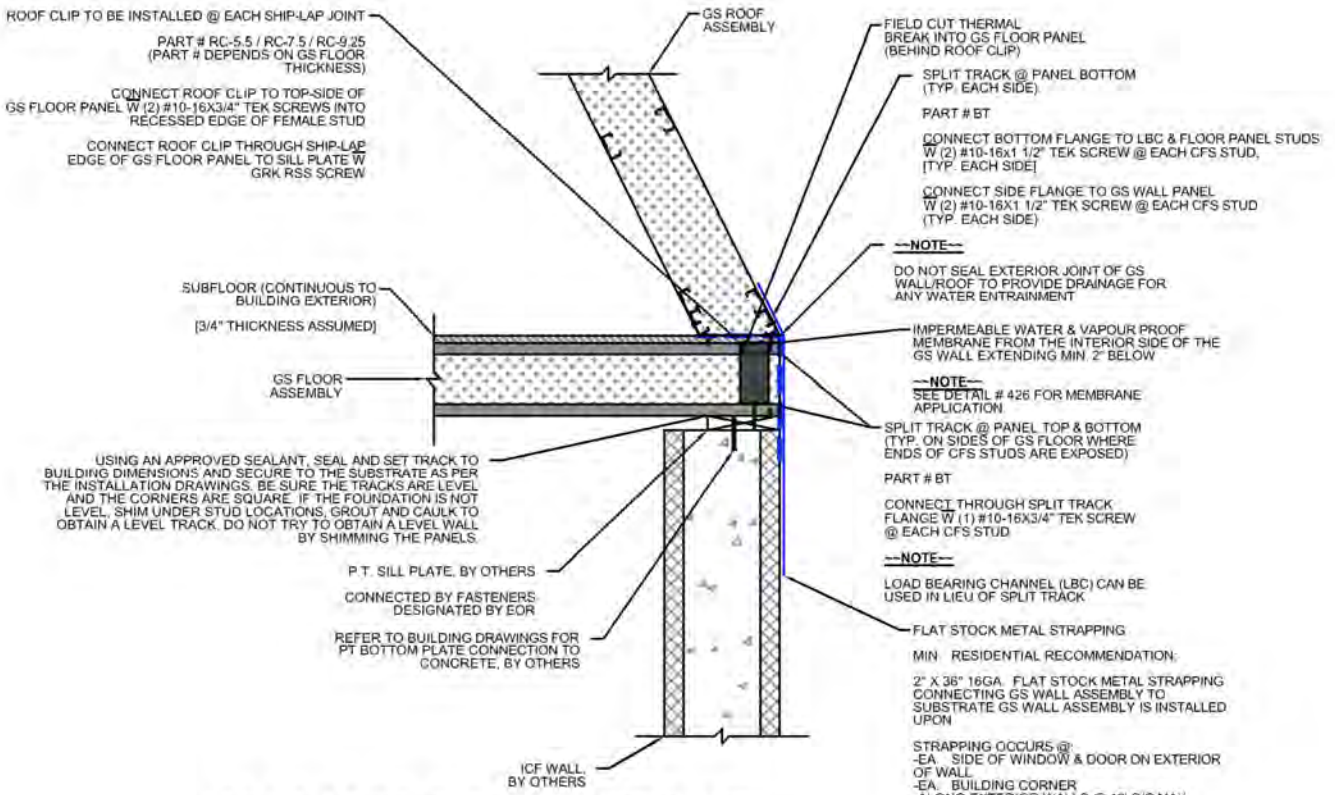
GS ROOF PANEL BUTT JOINT (SECTION)
N.T.S.
521



GS NON-STRUCTURAL ROOF W ROOFING MEMBRANES (SECTION) 522
N.T.S.



GS STRUCTURAL ROOF W
ROOFING MEMBRANES (SECTION) 523
N.T.S.



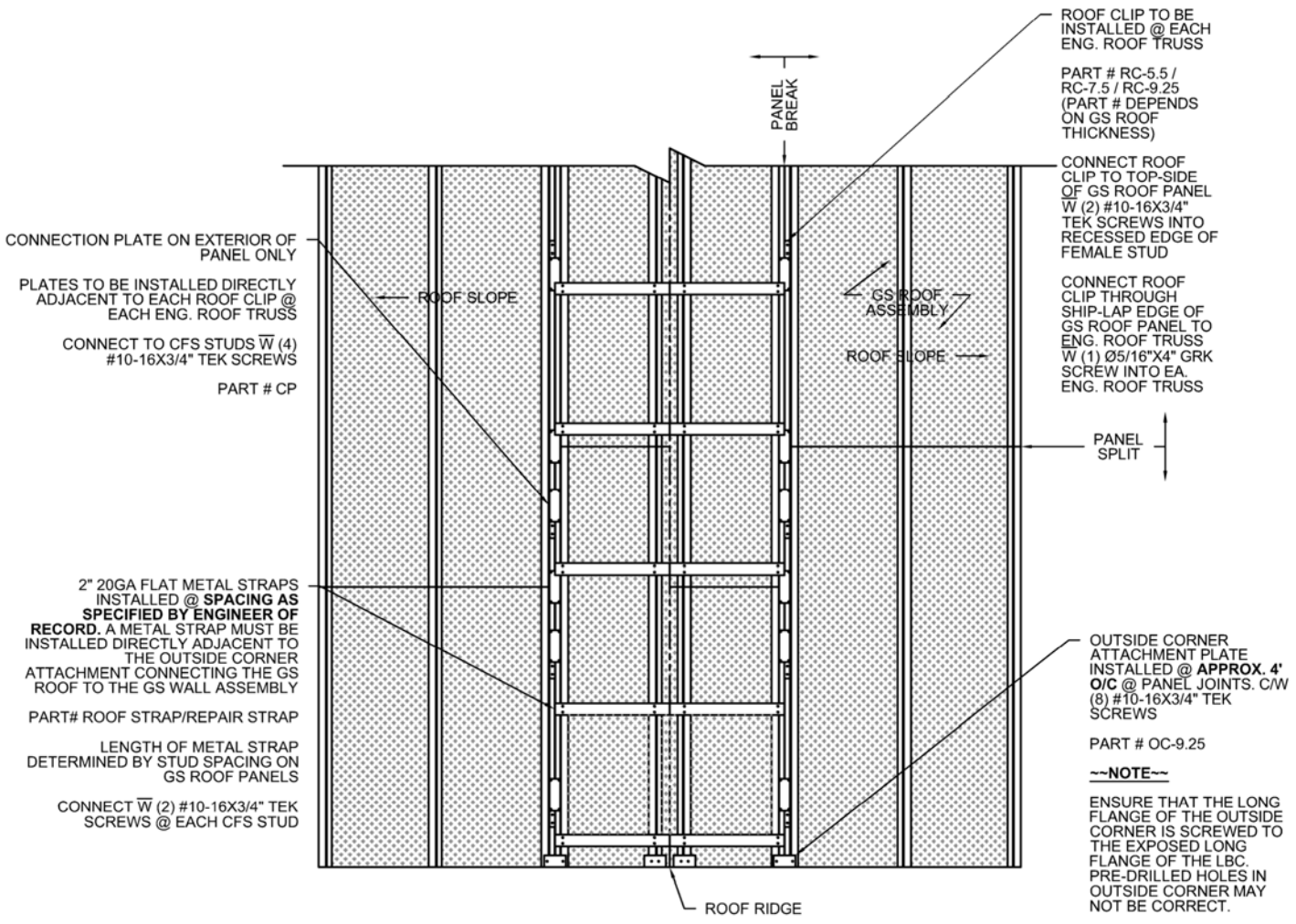
GS ROOF TO FLOOR ON PT PLATE INSTALLATION ONTO ICF (SECTION) 529

N.T.S.

--NOTE--

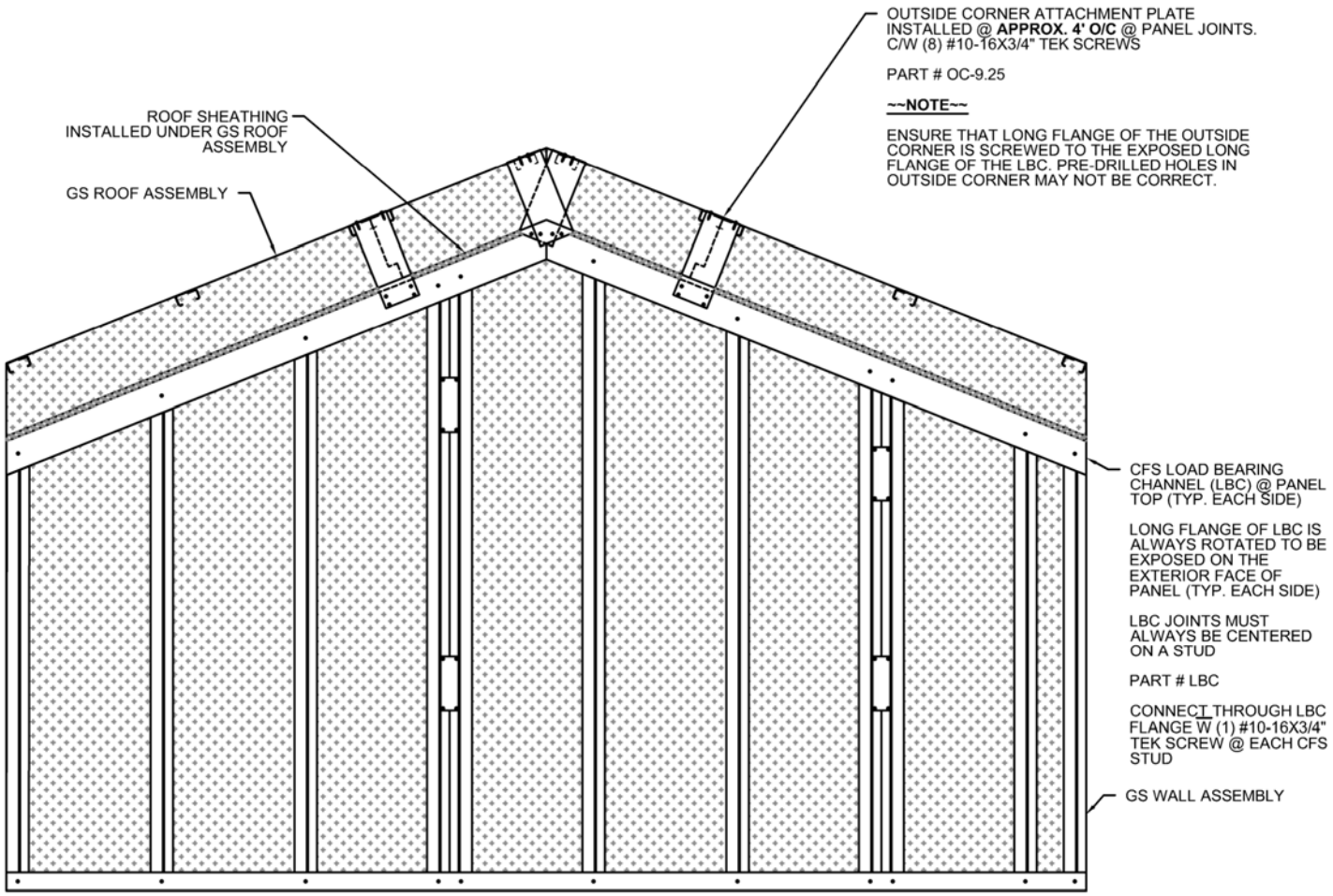
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

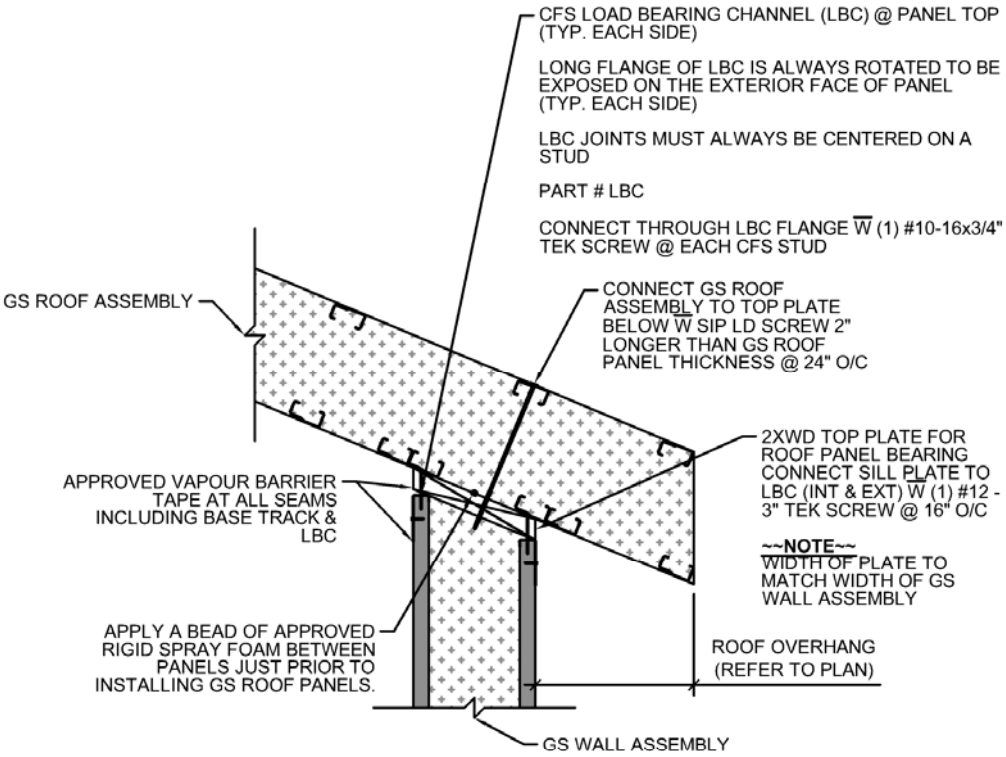


GS ROOF PEAK STRAPPING (OVER TRUSSES) [PLAN]

N.T.S. 530



GS ROOF ON ENG. ROOF TRUSS @ GABLE WALL (NO OVERHANG) [ELEVATION] 531
N.T.S.



GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 538A

~~NOTE~~

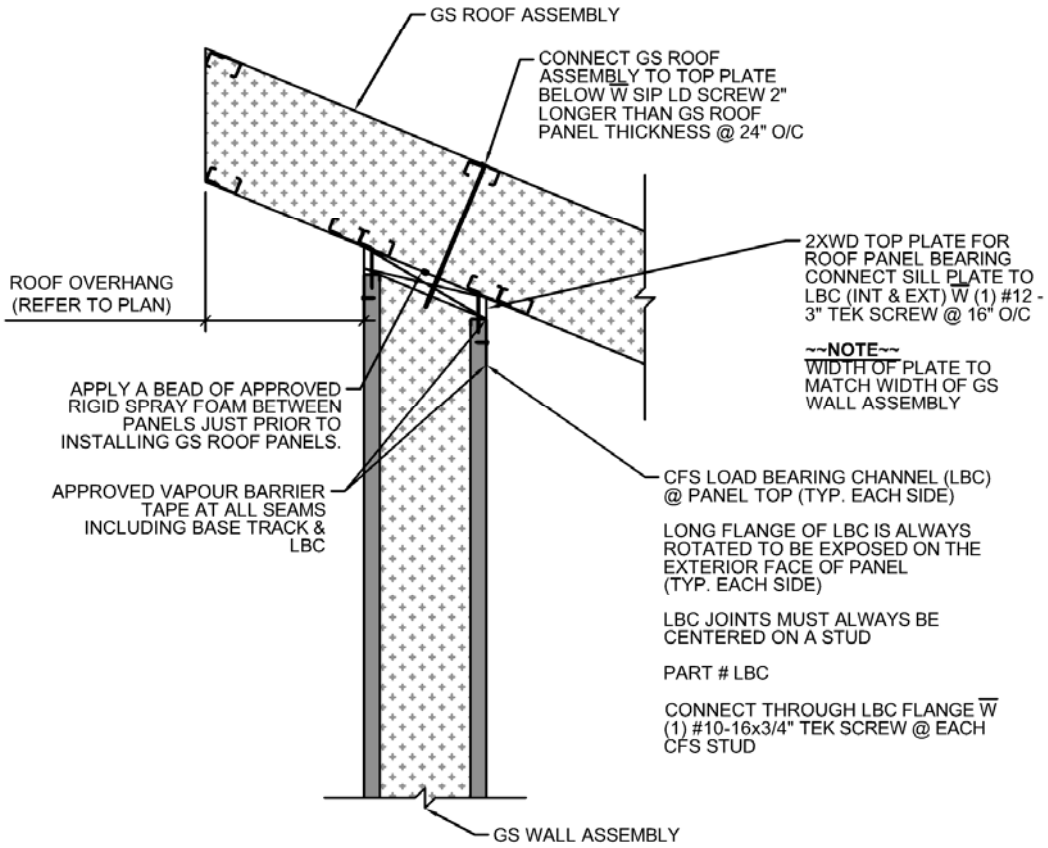
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD



GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 538B

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

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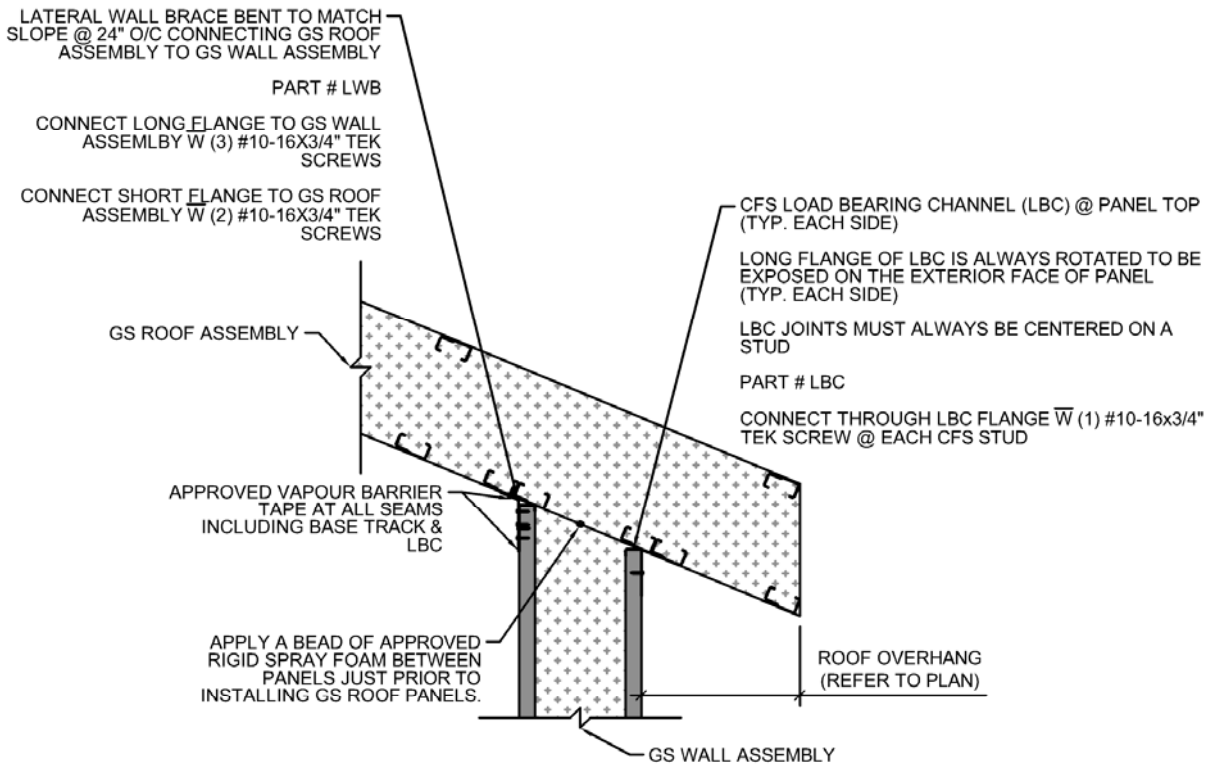
2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



"NET-ZERO" GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 538C

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

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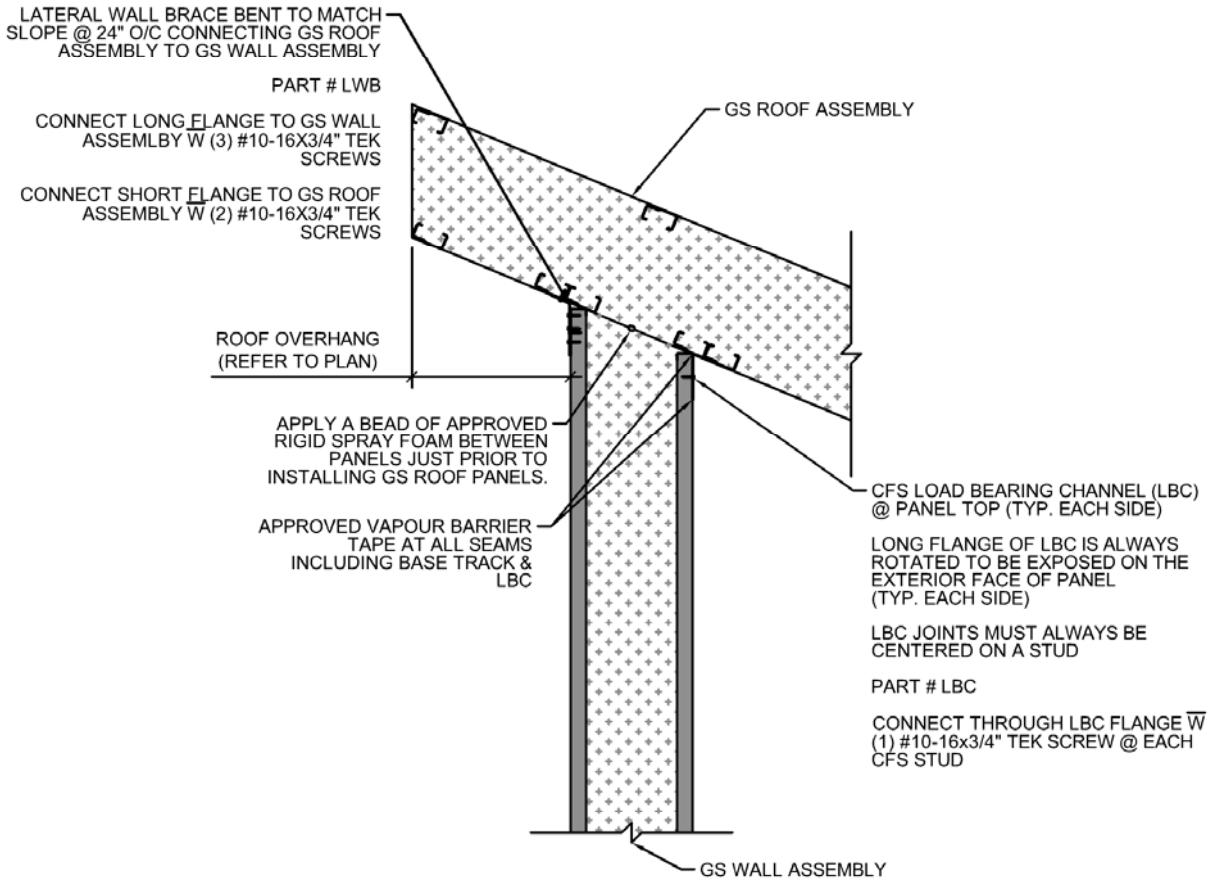

"NET-ZERO" GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 538D

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

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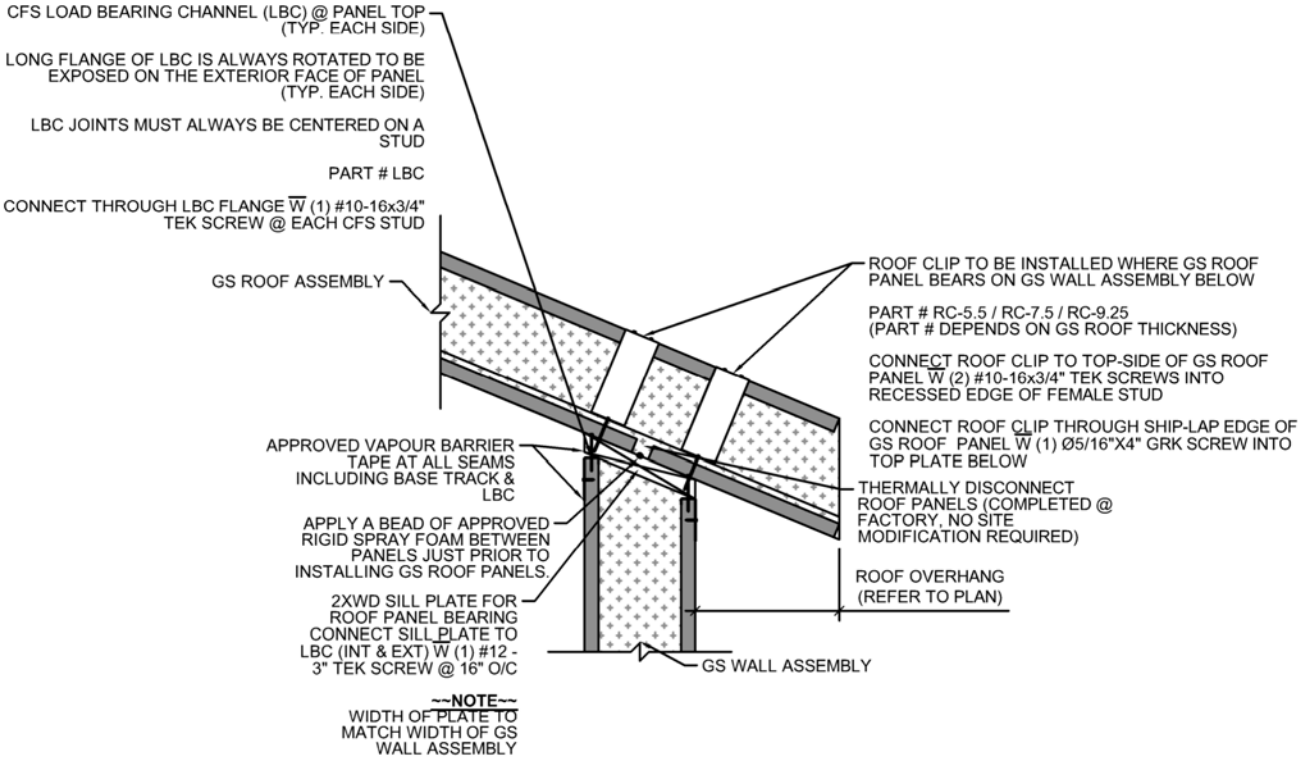

GS ROOF SHIP-LAP @ EAVES (GS O/H) [SECTION]

N.T.S. 539A

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

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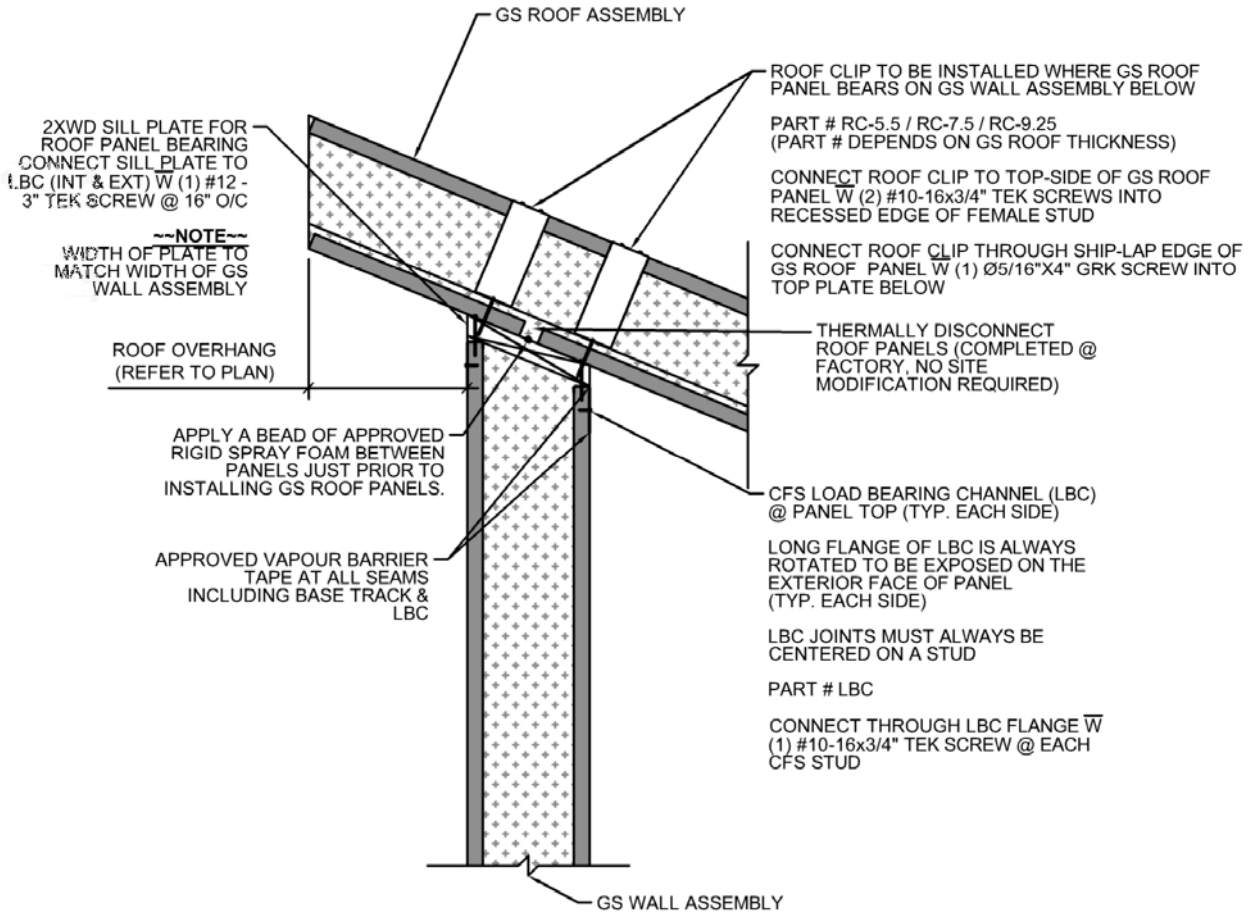
2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



GS ROOF SHIP-LAP @ EAVES (GS O/H) [SECTION]

N.T.S. 539B

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

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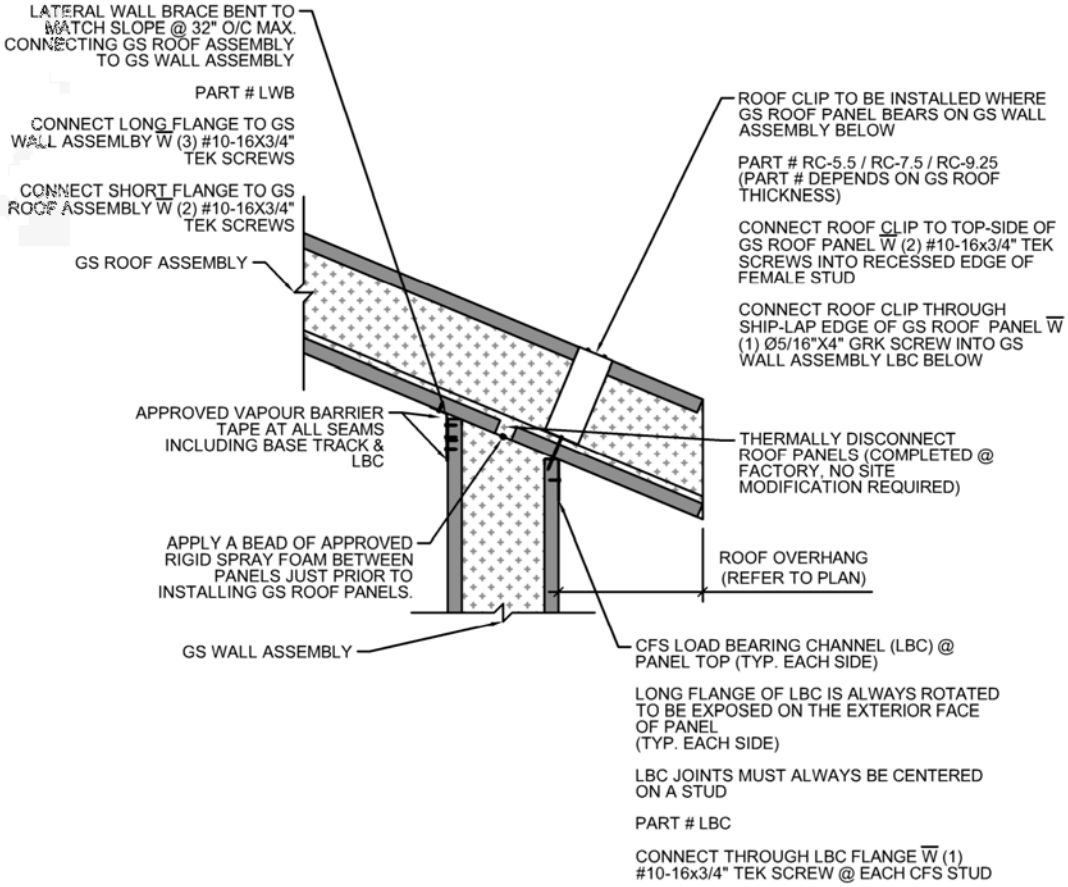


"NET-ZERO" GS ROOF SHIP-LAP @ EAVES (GS O/H) [SECTION]

N.T.S. 539C

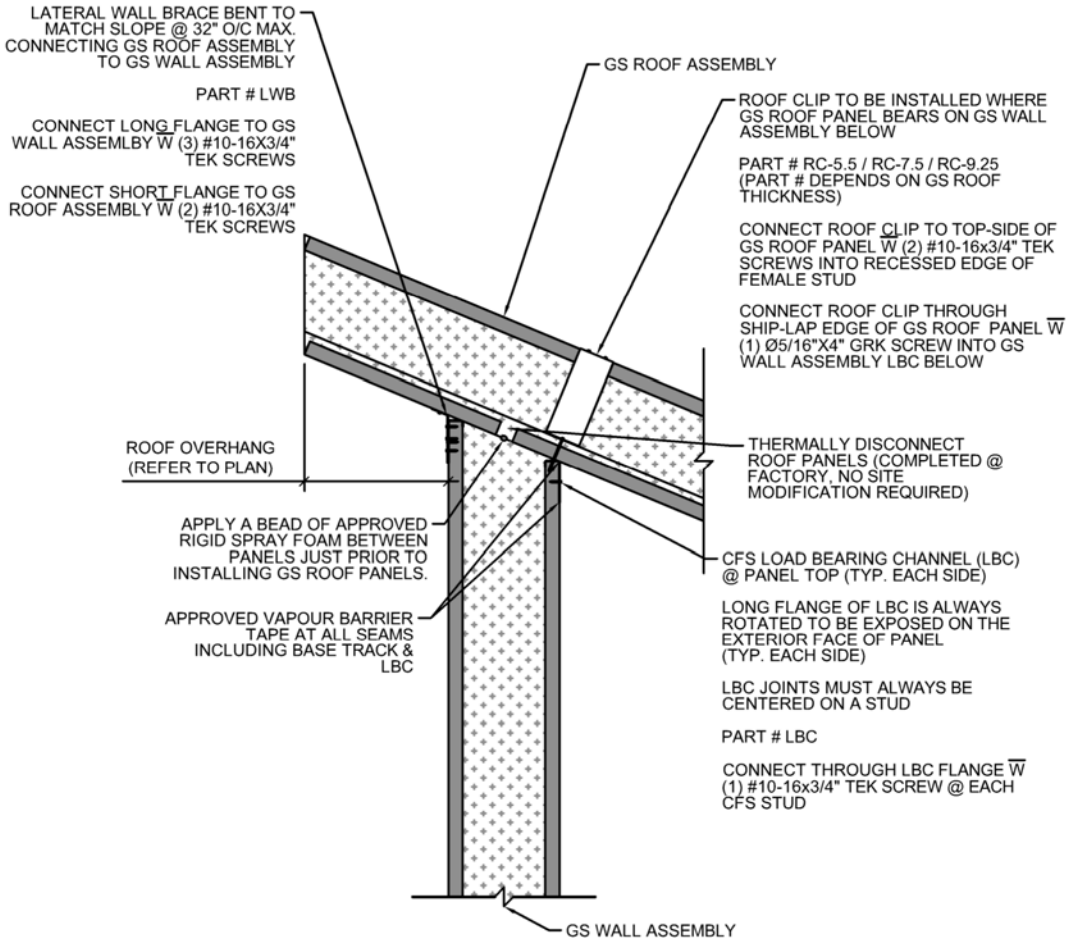
~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT



"NET-ZERO" GS ROOF SHIP-LAP @ EAVES (GS O/H) [SECTION]

N.T.S. 539D

~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

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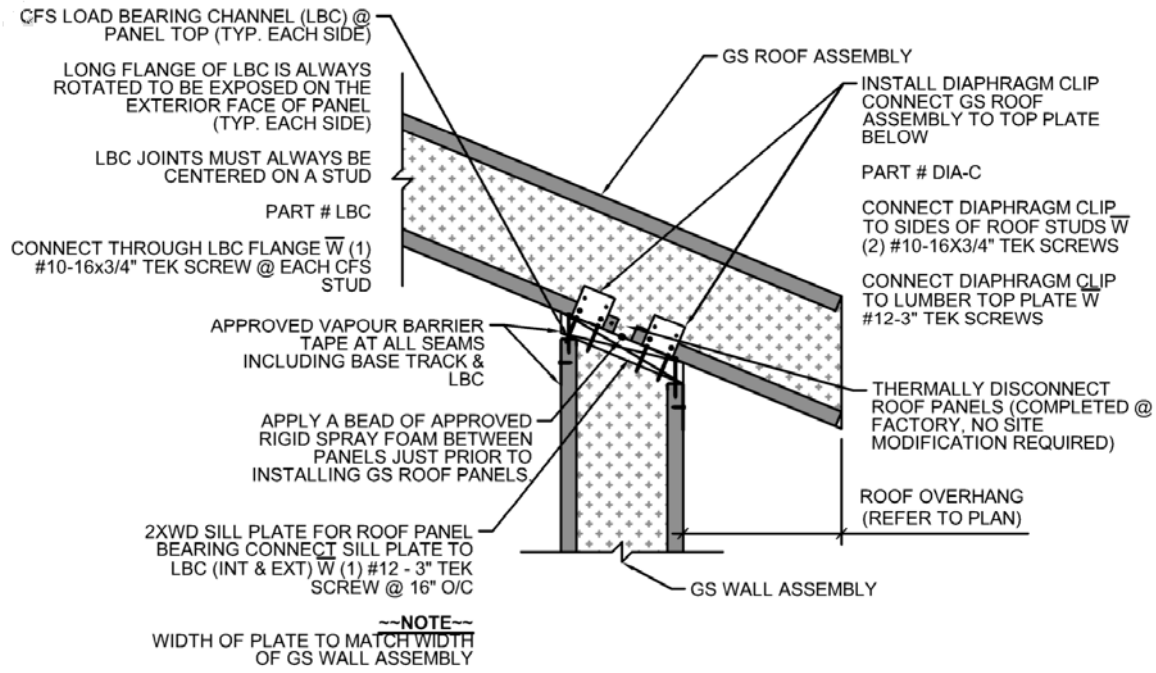


GS ROOF BUTT JOINT @ EAVES (GS O/H) [SECTION]

~~NOTE~~ N.T.S. 540A

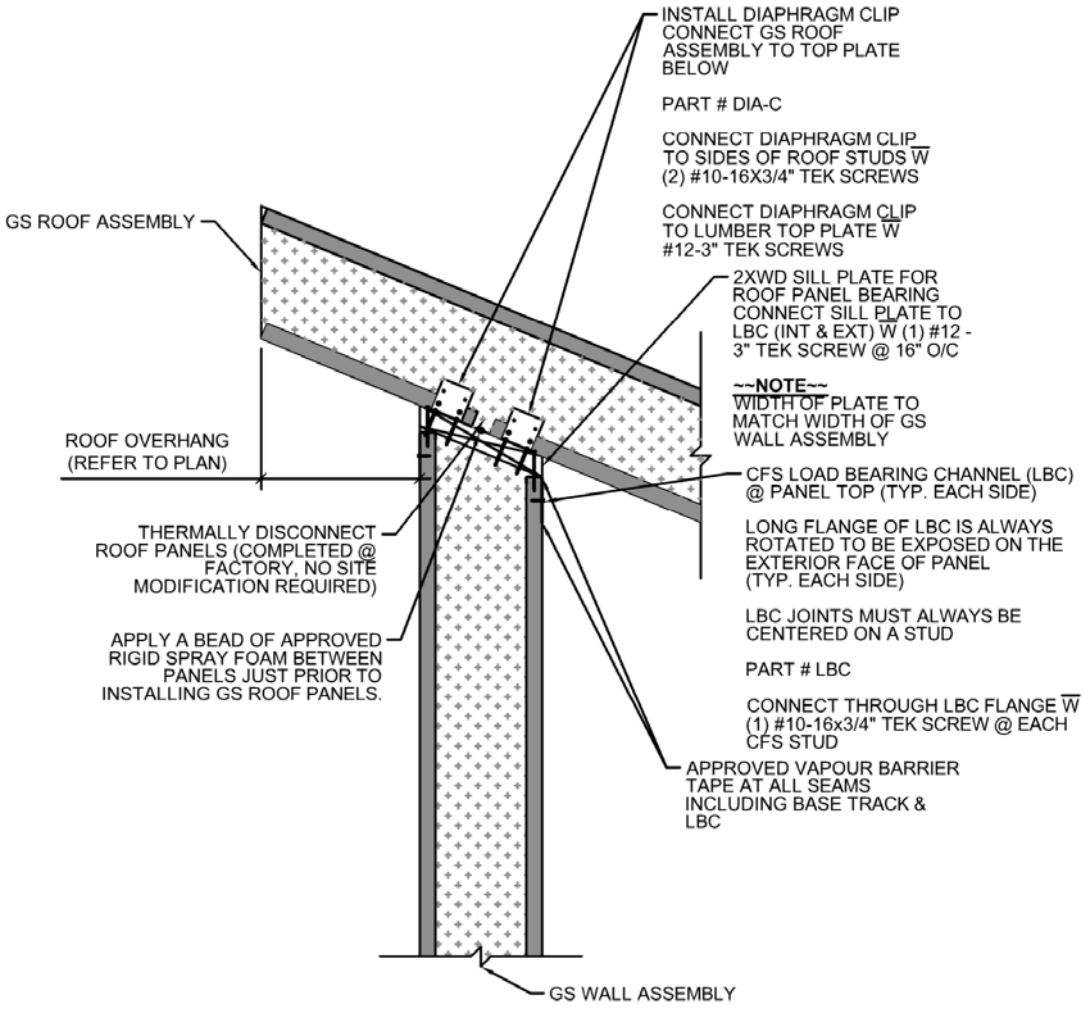
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



GS ROOF BUTT JOINT @ EAVES (GS O/H) [SECTION]

N.T.S. 540B

~~NOTE~~

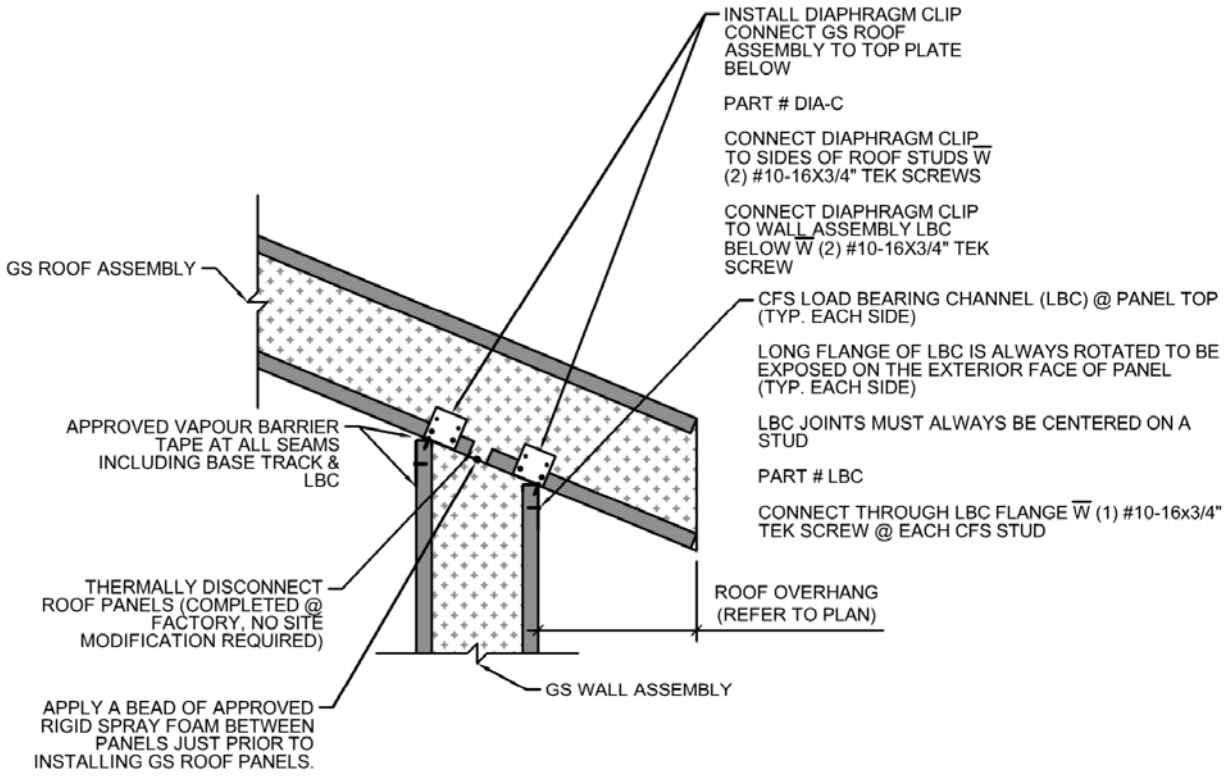
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



"NET-ZERO" GS ROOF BUTT JOINT @ EAVES (GS O/H) [SECTION]

N.T.S. 540C

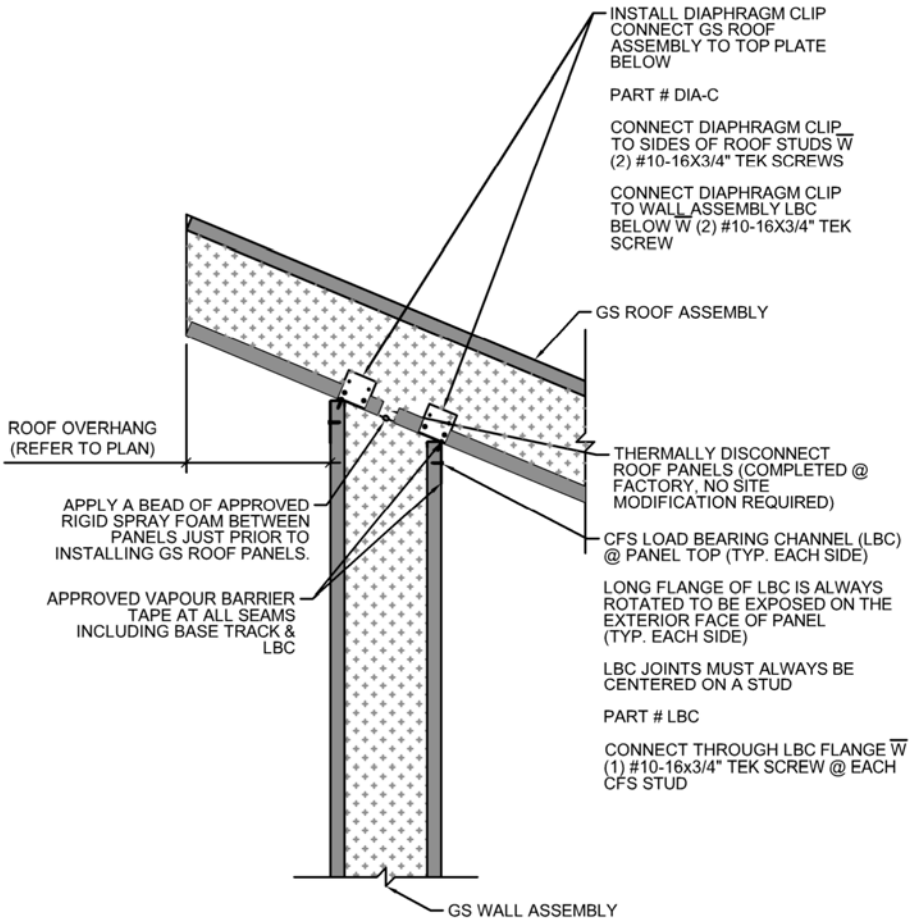
~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT



"NET-ZERO" GS ROOF BUTT JOINT @ EAVES (GS O/H) [SECTION]

N.T.S. 540D

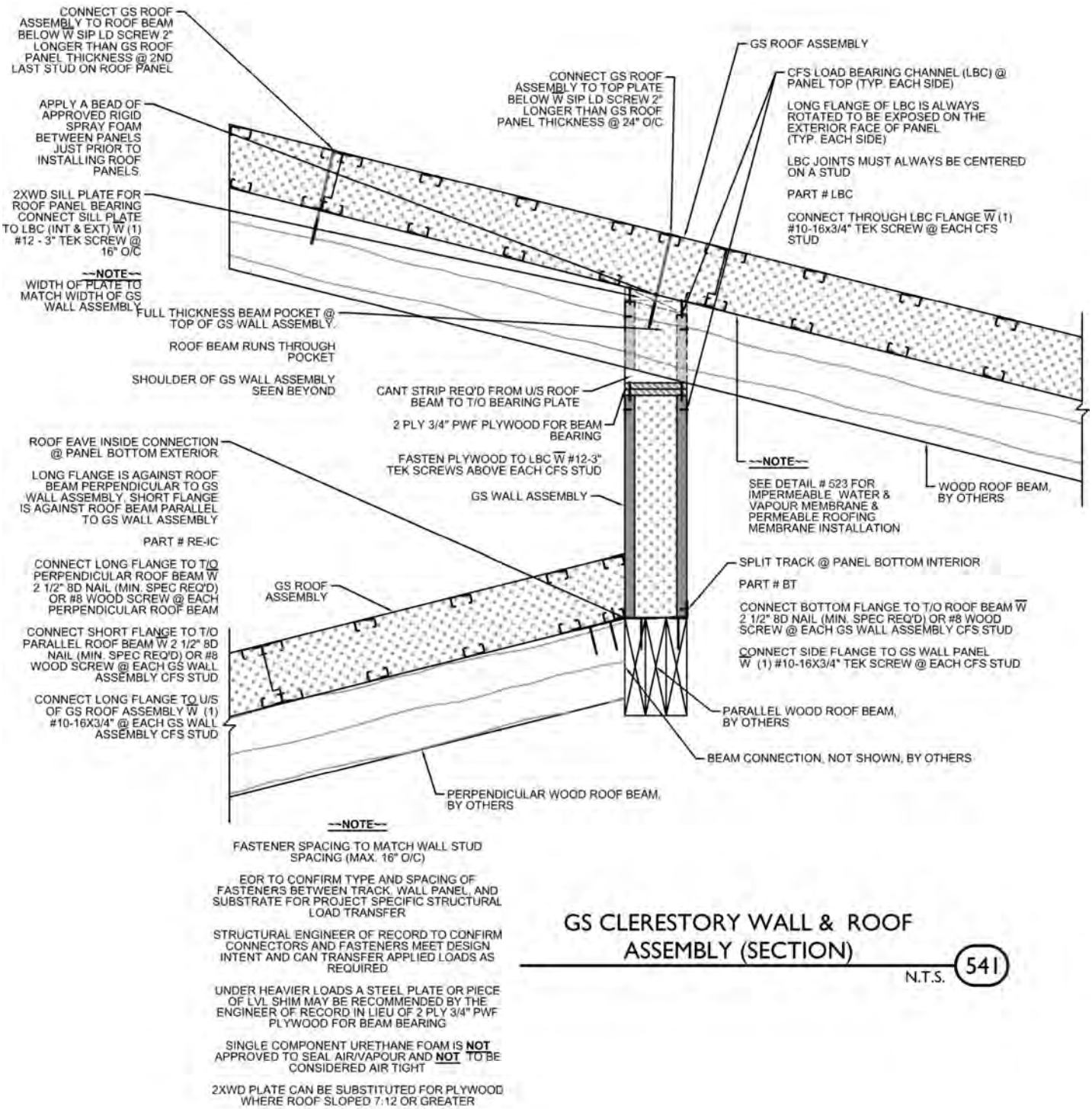
~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT



~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED

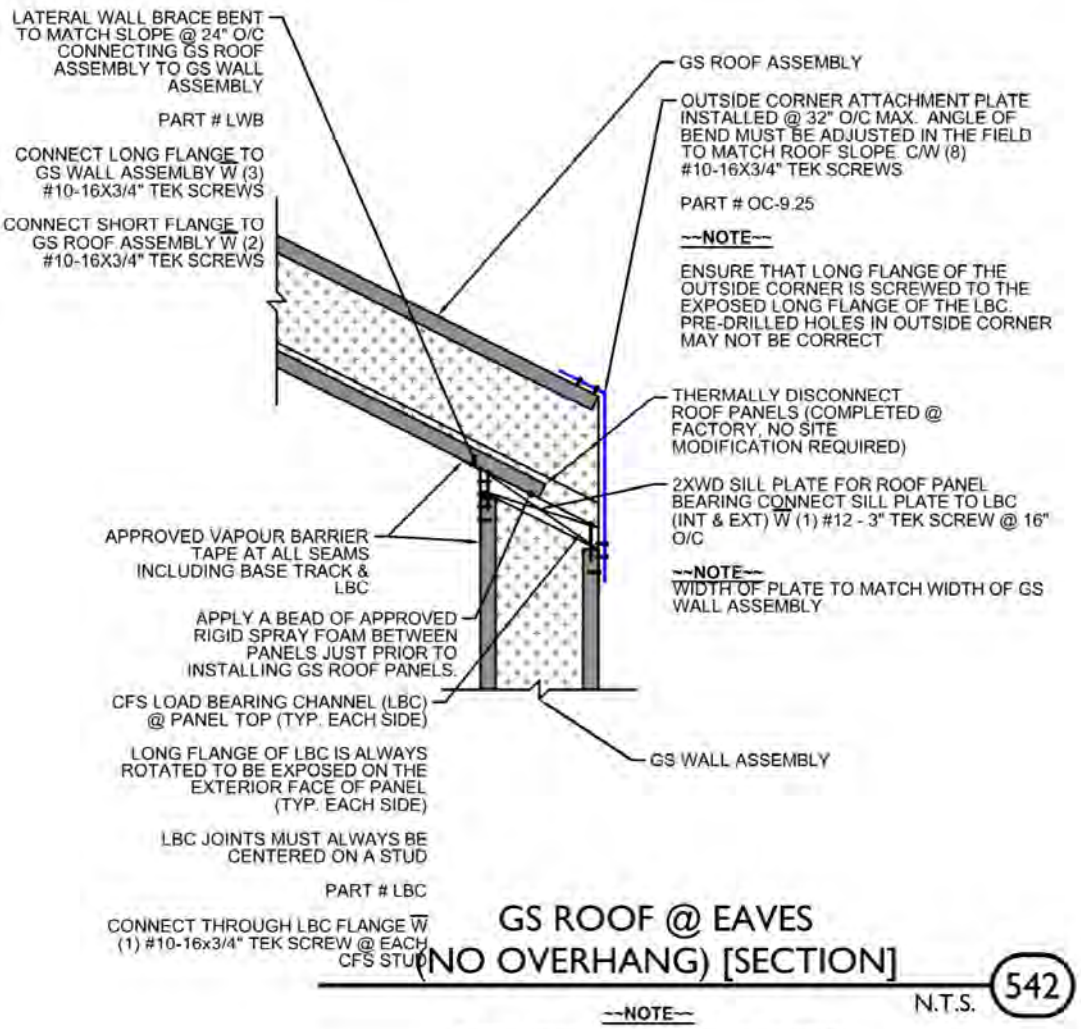
UNDER HEAVIER LOADS A STEEL PLATE OR PIECE OF LVL SHIM MAY BE RECOMMENDED BY THE ENGINEER OF RECORD IN LIEU OF 2 PLY 3/4" PWF PLYWOOD FOR BEAM BEARING

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER

GS CLERESTORY WALL & ROOF ASSEMBLY (SECTION)

N.T.S. 541



GS ROOF @ EAVES (NO OVERHANG) [SECTION] 542

N.T.S.

~~NOTE~~

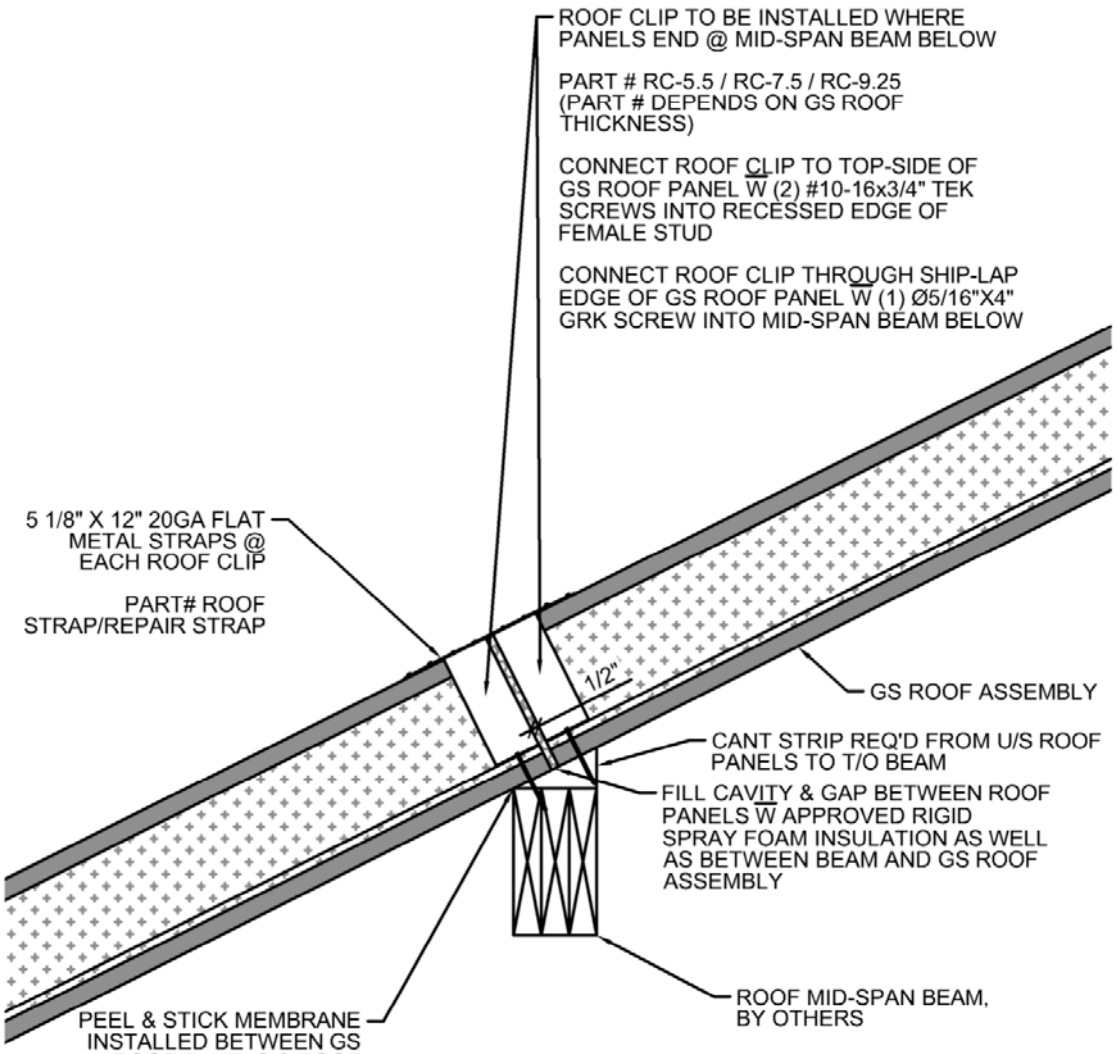
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

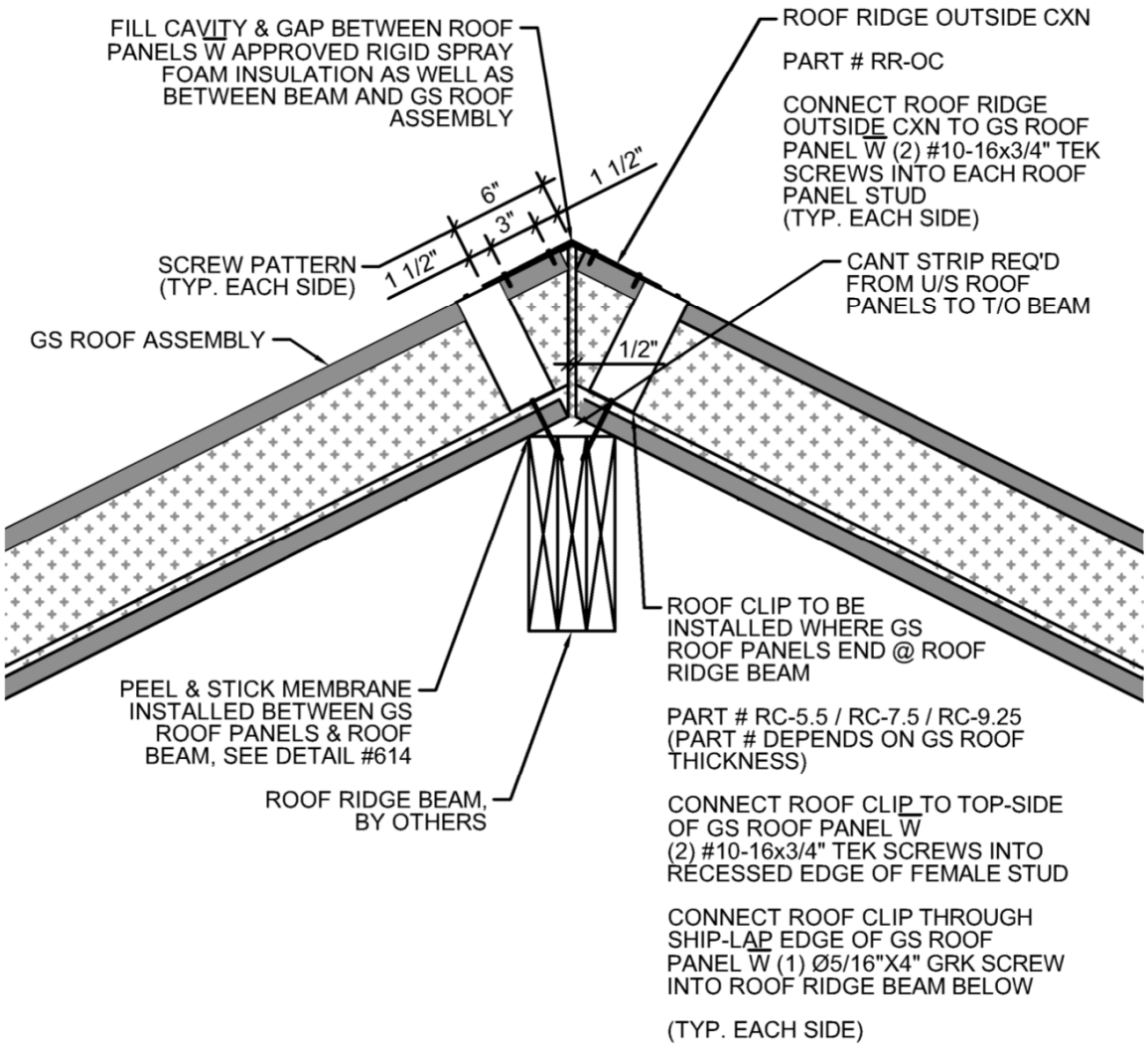
STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER.



GS ROOF @ MID-SPAN BEAM (SECTION) 543
N.T.S.



GS ROOF @ RIDGE (SECTION) 544

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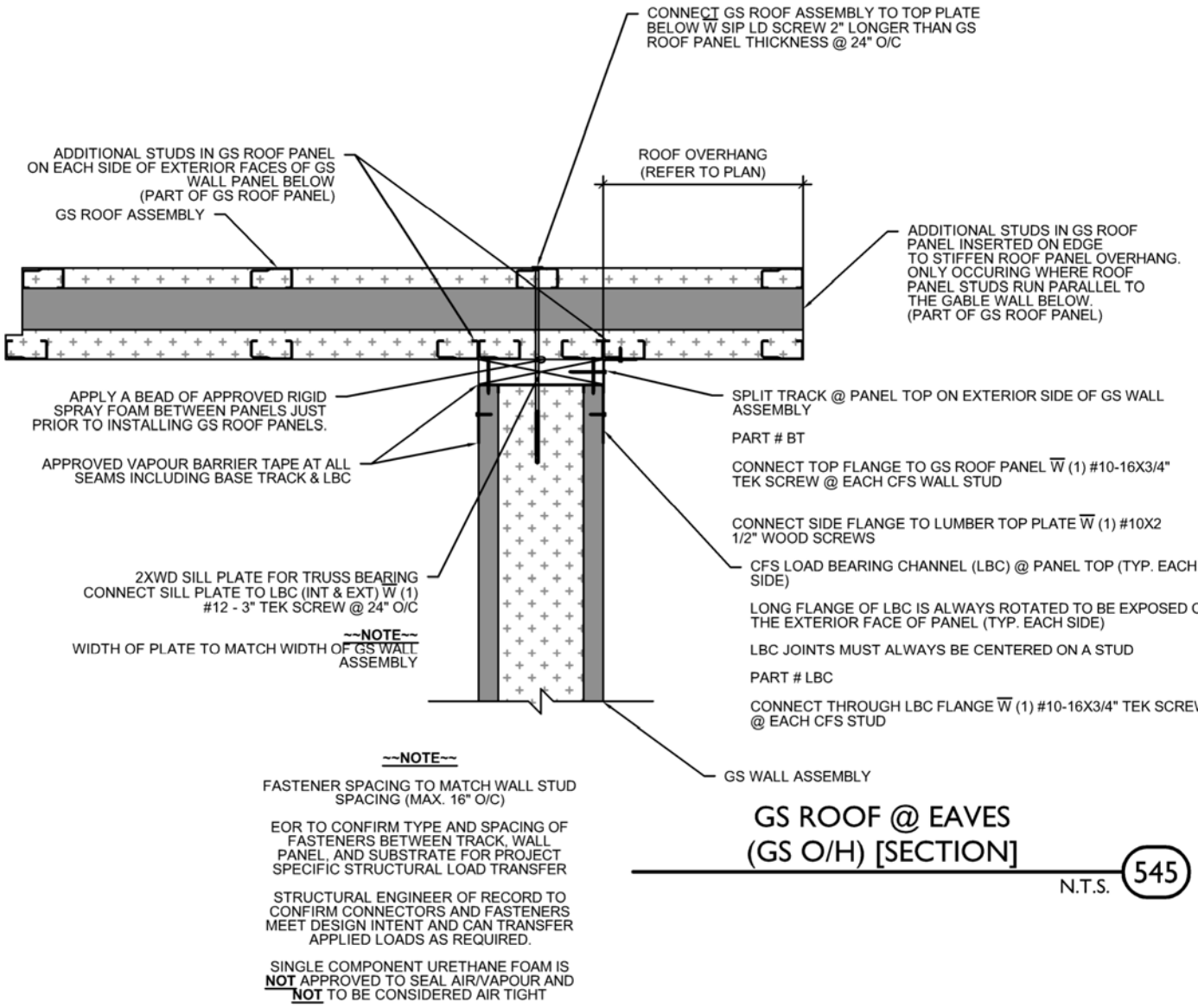
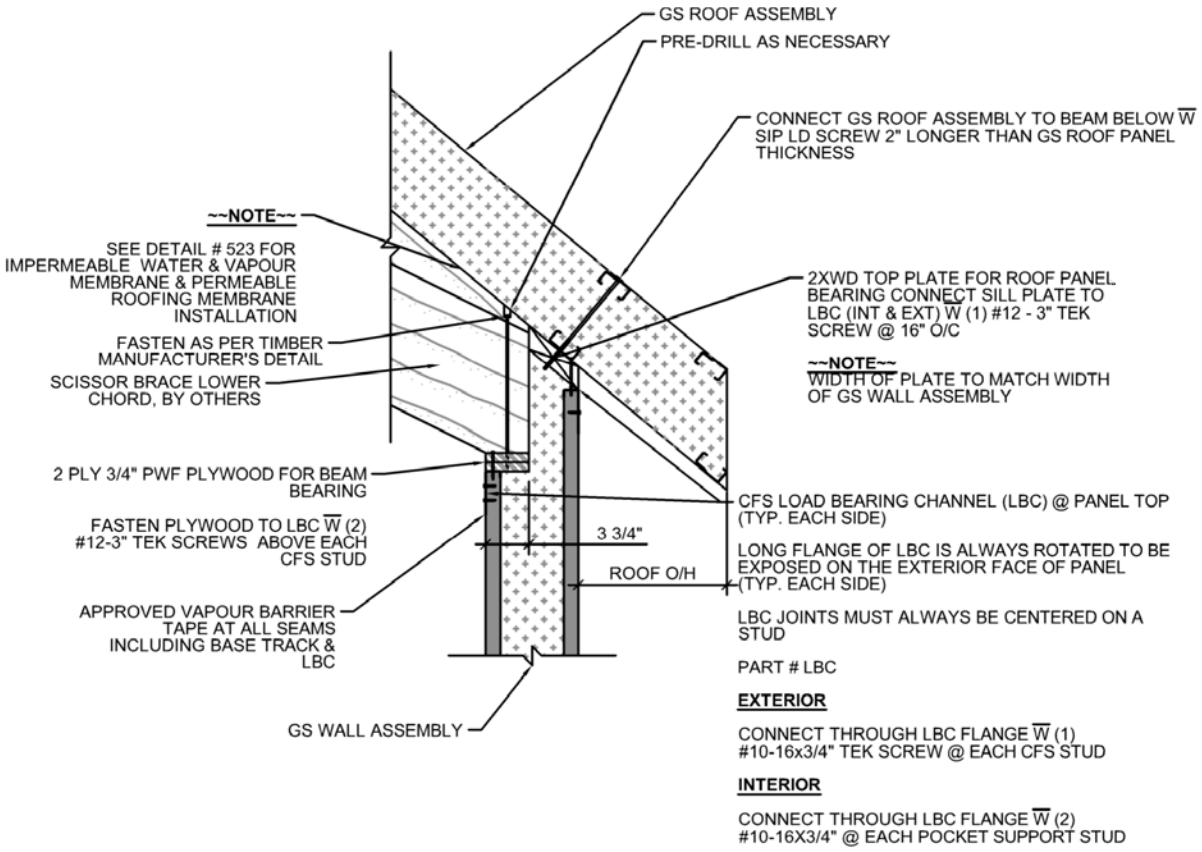


GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 545



GS ROOF ON TIMBER BEAM @ EAVES TIE-DOWN (SECTION)

N.T.S. 546

~~NOTE~~

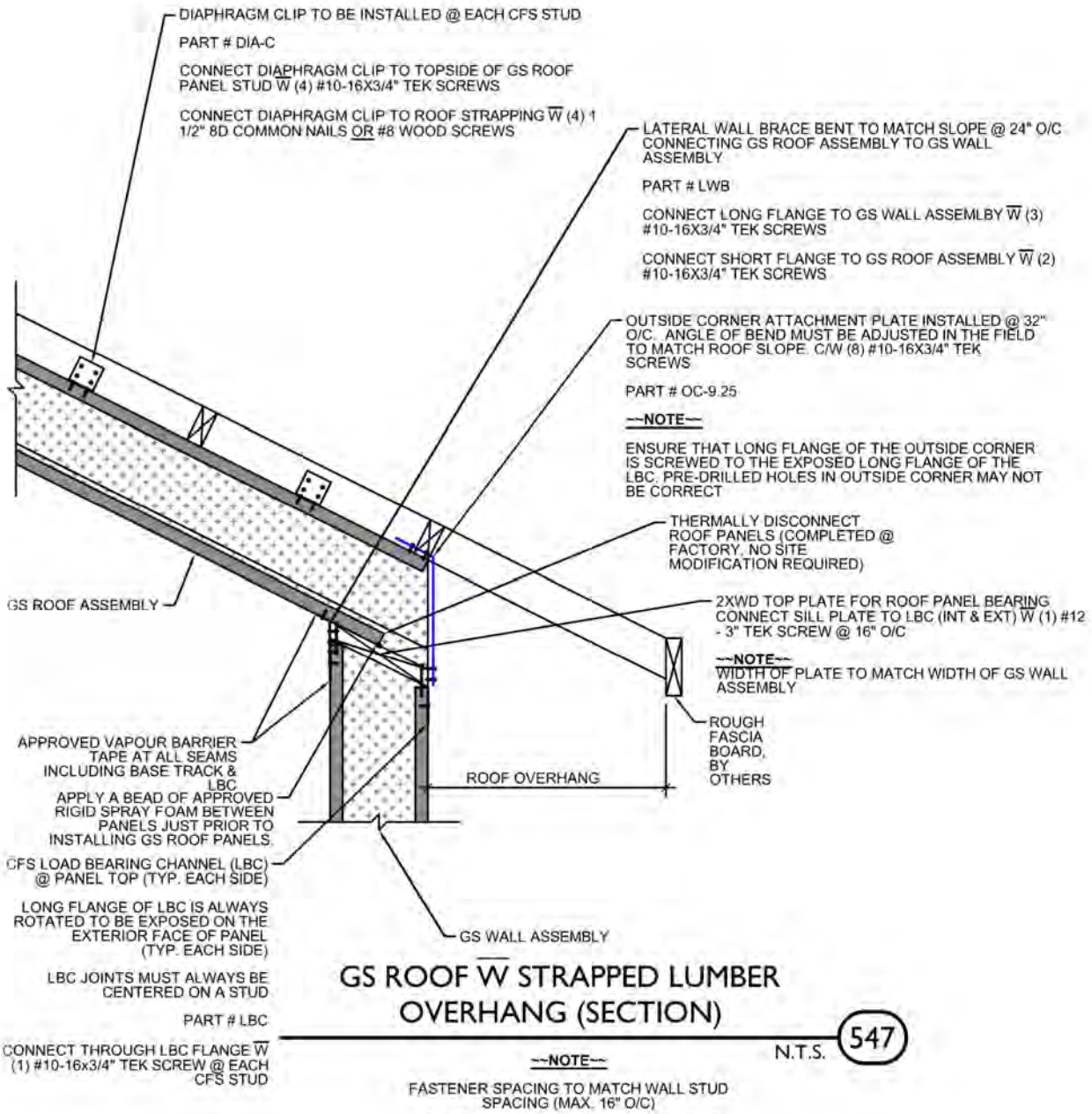
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



GS ROOF W STRAPPED LUMBER OVERHANG (SECTION)

N.T.S. 547

~~NOTE~~

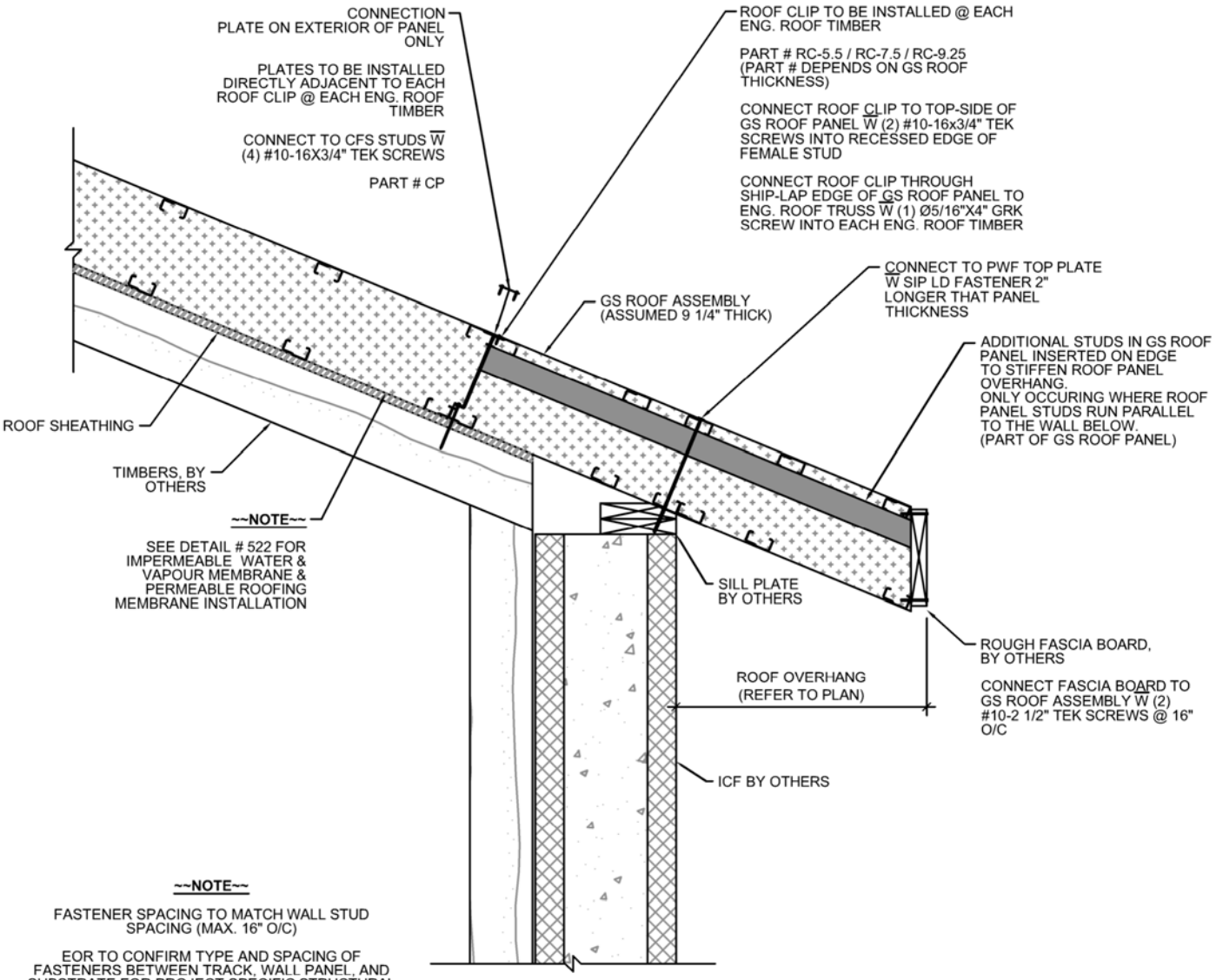
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



~~NOTE~~

FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

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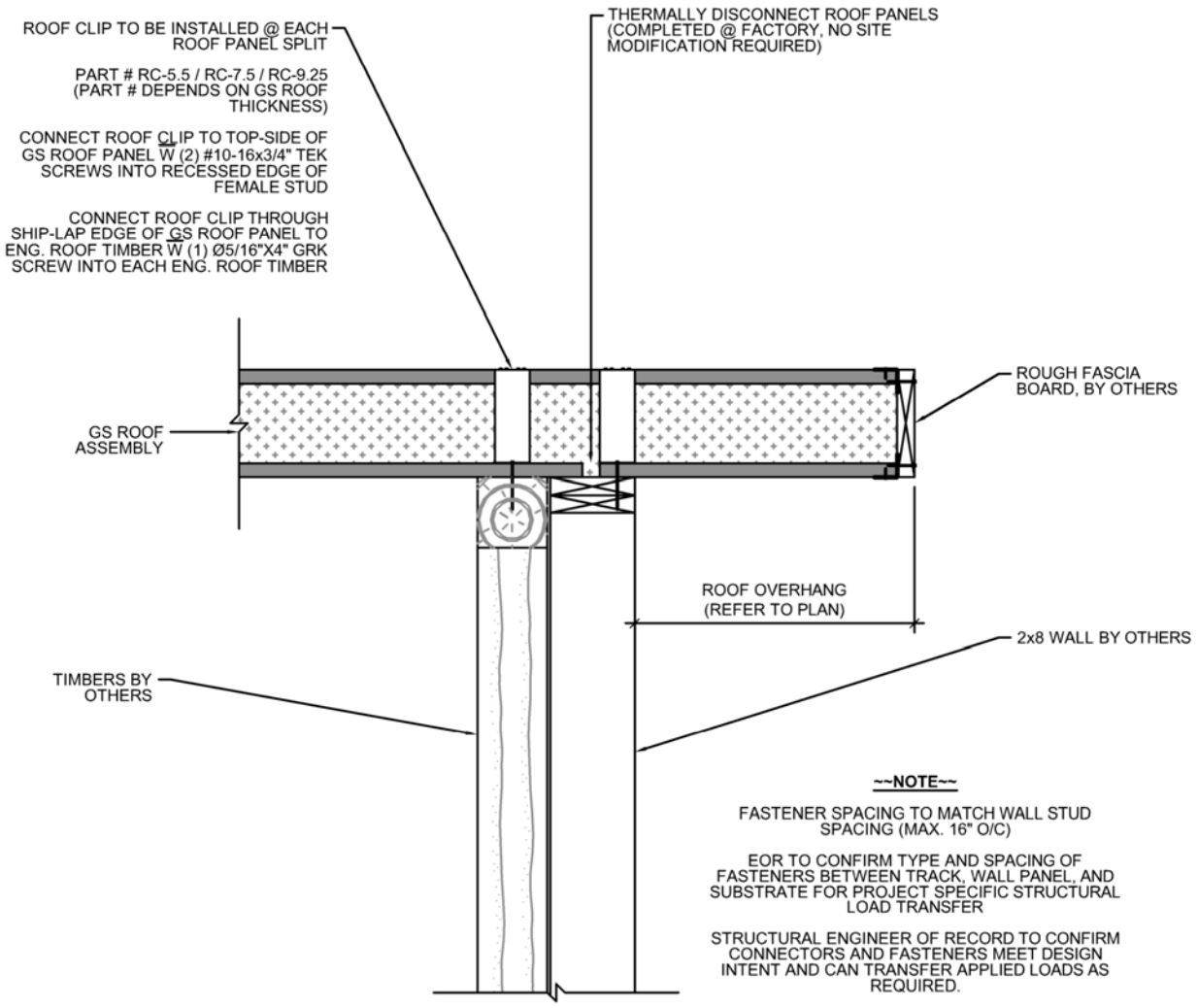
STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED.

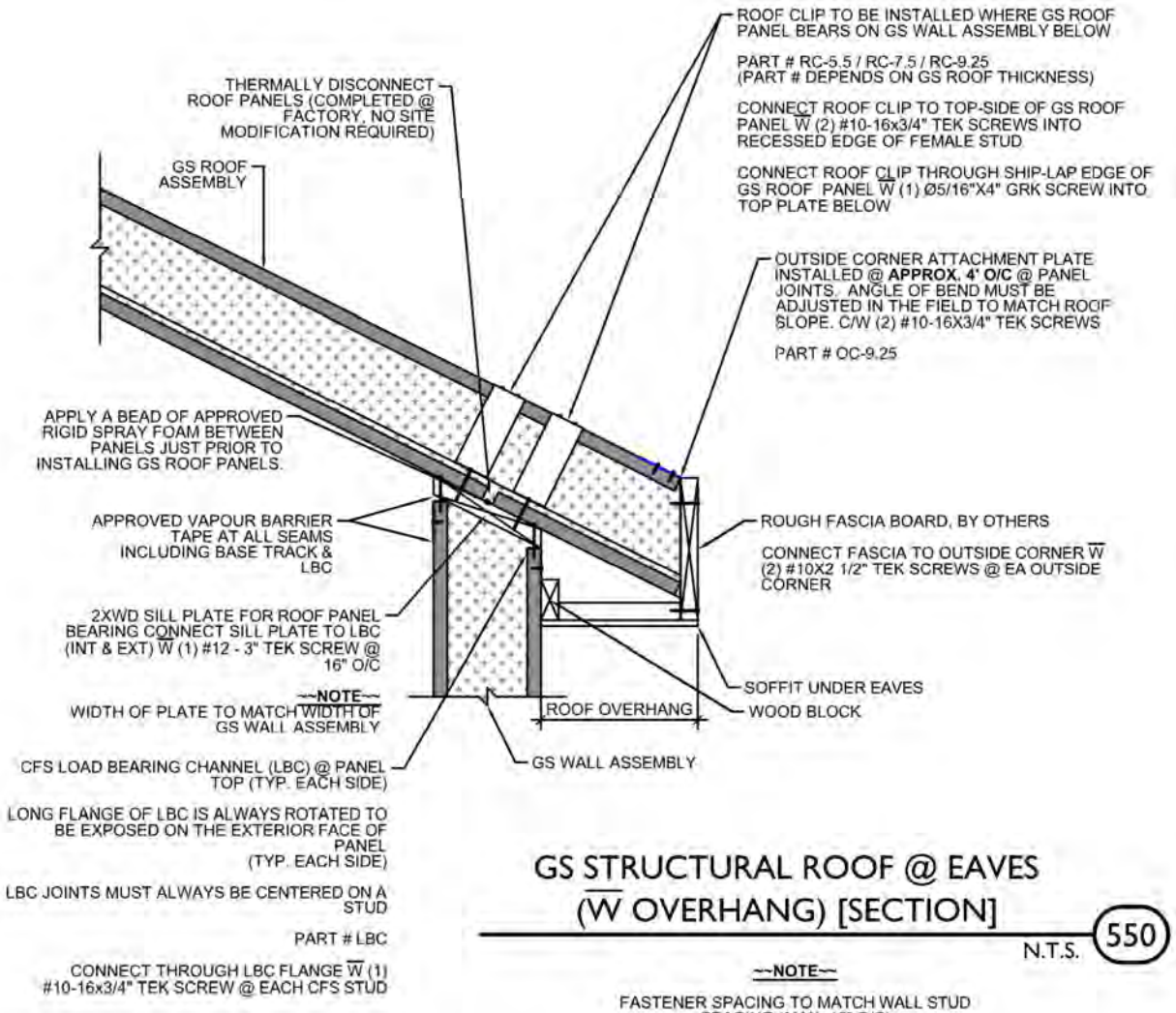
GS ROOF ATTACHMENT ONTO TIMBER STRUCTURE (SECTION)

N.T.S. 548



GS ROOF ATTACHMENT ONTO TIMBER STRUCTURE @ GABLE WALL (SECTION)

N.T.S. 549



GS STRUCTURAL ROOF @ EAVES (W OVERHANG) [SECTION]

N.T.S. 550

~~NOTE~~

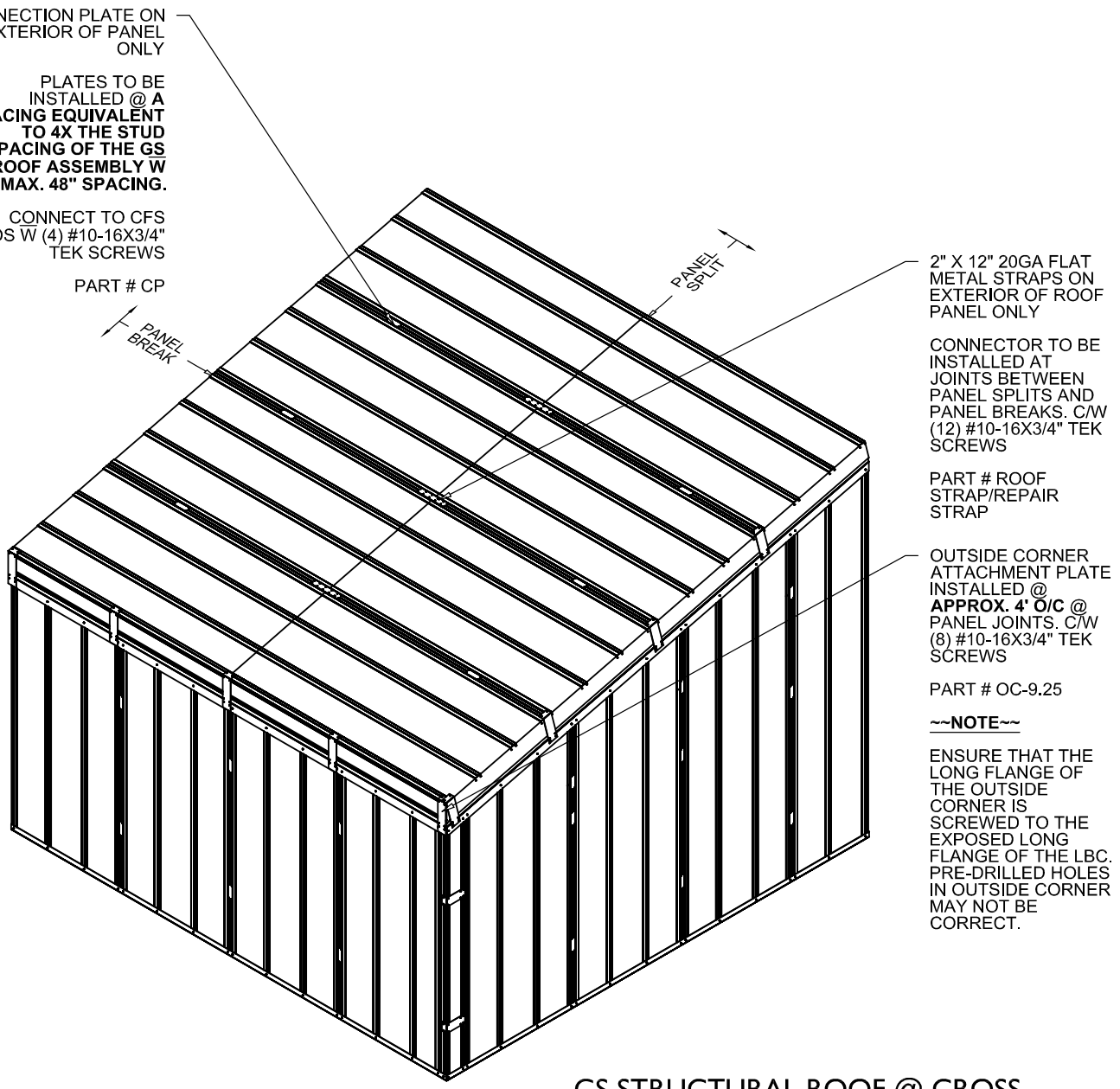
FASTENER SPACING TO MATCH WALL STUD SPACING (MAX. 16" O/C)

EOR TO CONFIRM TYPE AND SPACING OF FASTENERS BETWEEN TRACK, WALL PANEL, AND SUBSTRATE FOR PROJECT SPECIFIC STRUCTURAL LOAD TRANSFER

STRUCTURAL ENGINEER OF RECORD TO CONFIRM CONNECTORS AND FASTENERS MEET DESIGN INTENT AND CAN TRANSFER APPLIED LOADS AS REQUIRED

SINGLE COMPONENT URETHANE FOAM IS **NOT** APPROVED TO SEAL AIR/VAPOUR AND **NOT** TO BE CONSIDERED AIR TIGHT

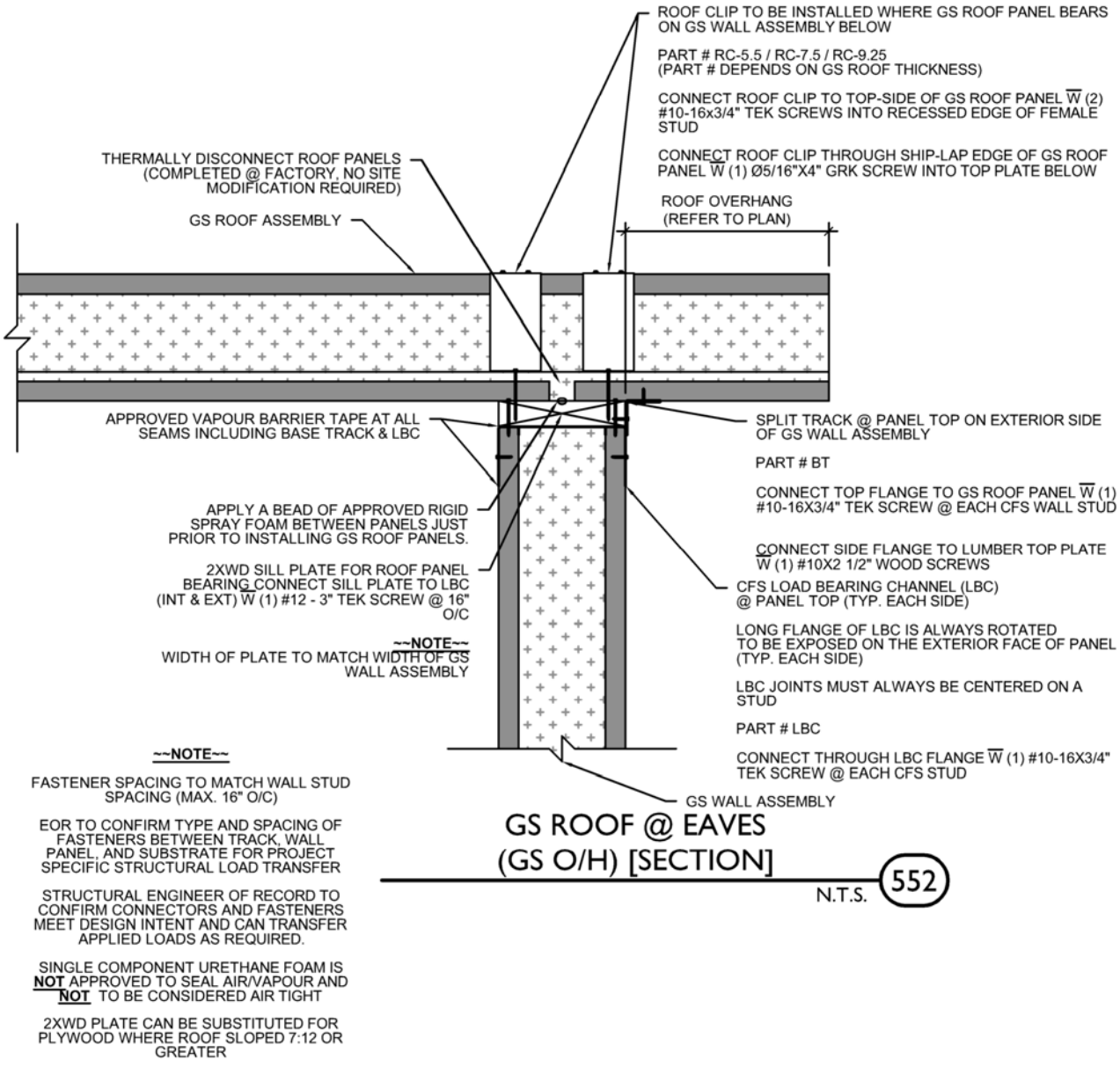
2XWD PLATE CAN BE SUBSTITUTED FOR PLYWOOD WHERE ROOF SLOPED 7:12 OR GREATER



GS STRUCTURAL ROOF @ CROSS SLOPE (PERSPECTIVE)

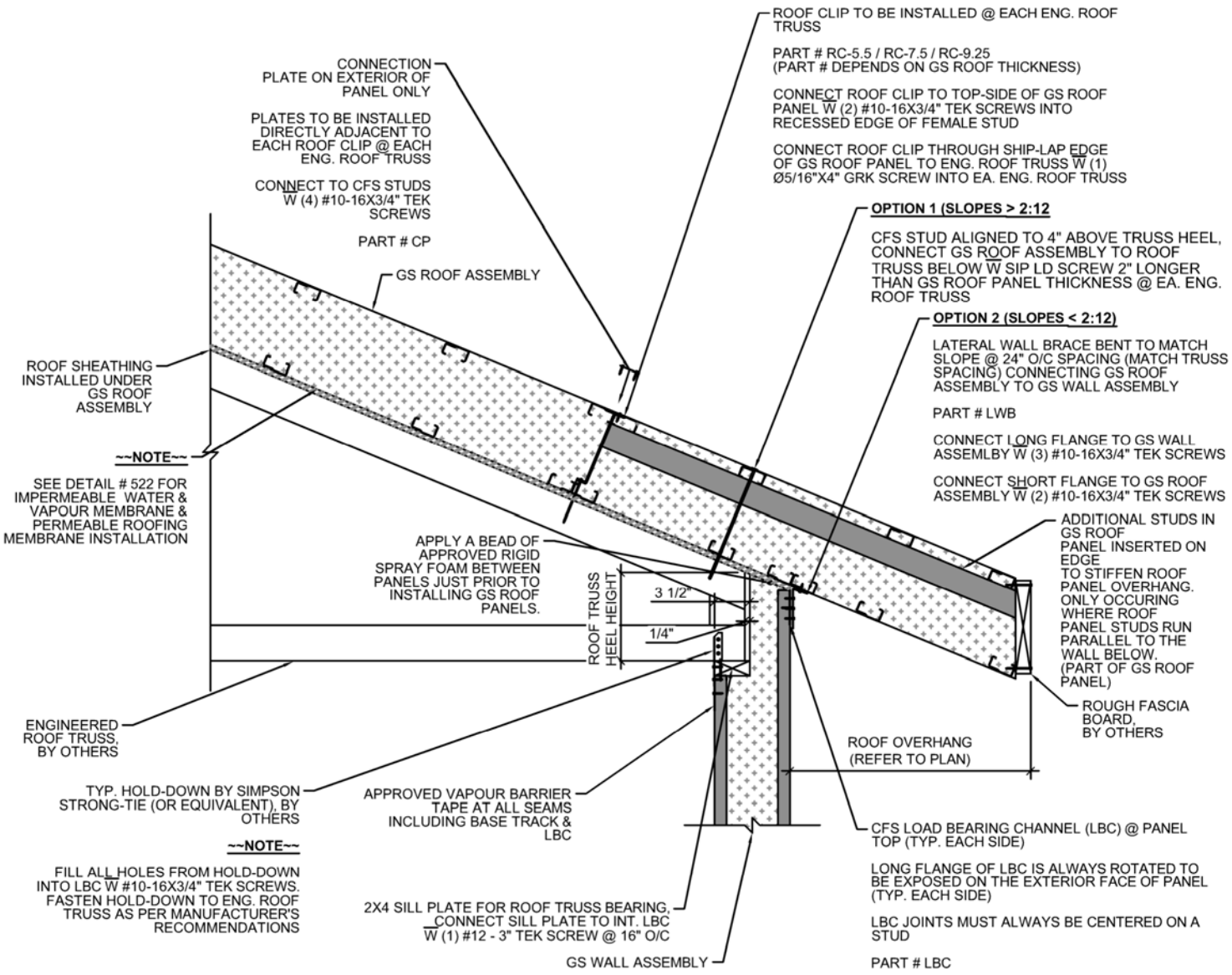
N.T.S.

551



GS ROOF @ EAVES (GS O/H) [SECTION]

N.T.S. 552



~~NOTE~~

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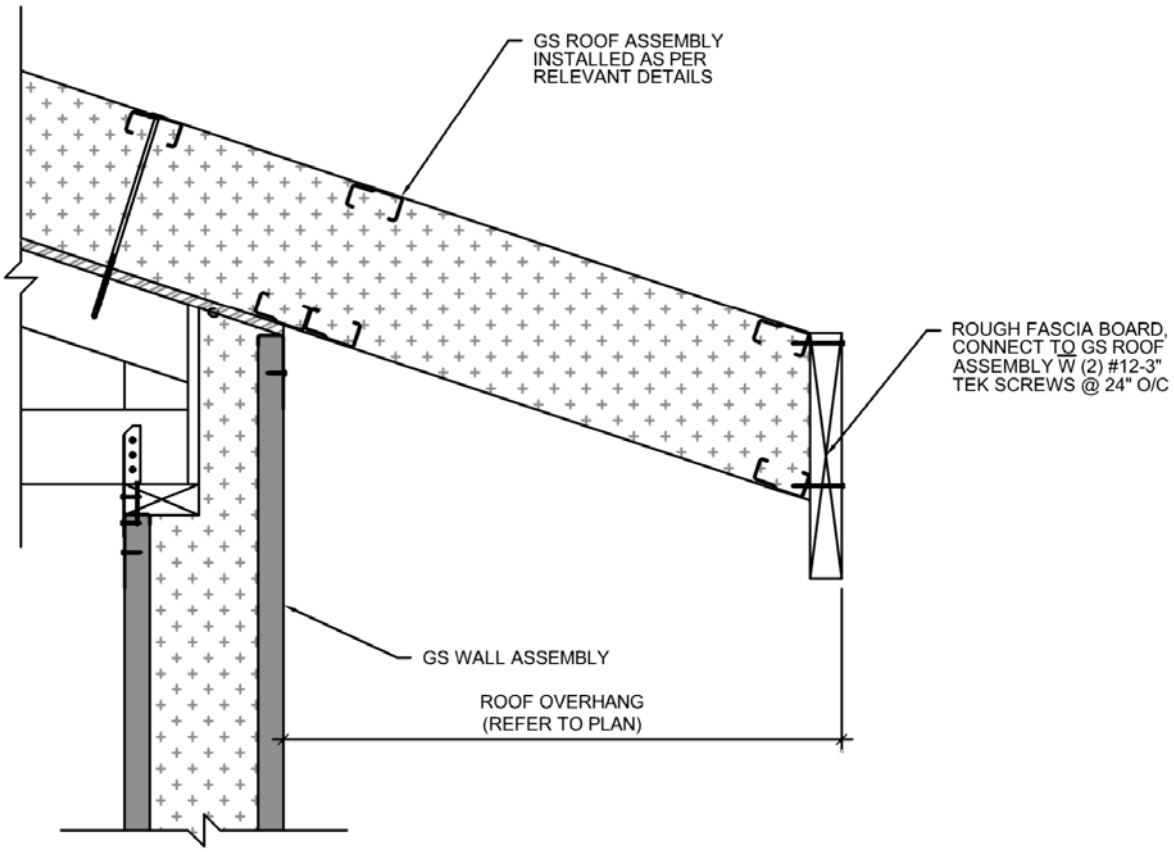
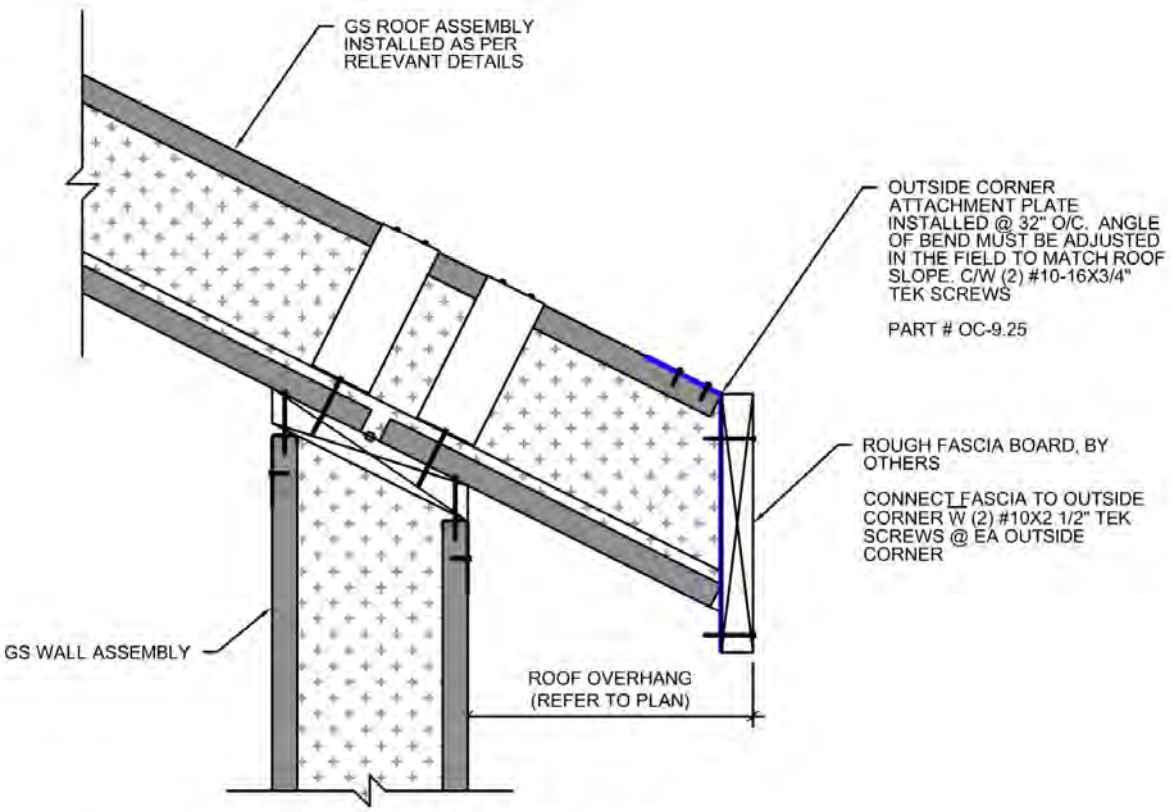
GS ROOF ON RECESSED ENG. ROOF TRUSS @ EAVES (W OVERHANG) [SECTION]

N.T.S. 553



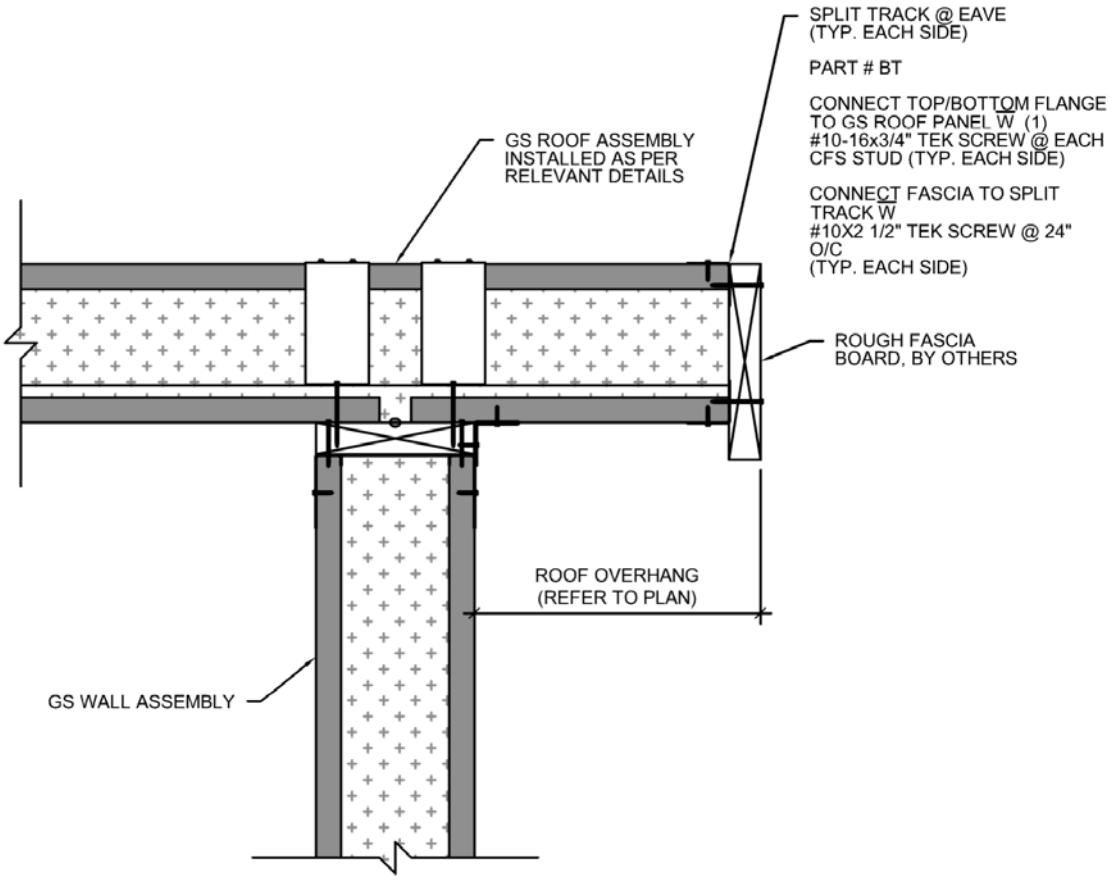
ROUGH FASCIA ATTACHMENT ONTO GS ROOF [SECTION]

N.T.S. 554A

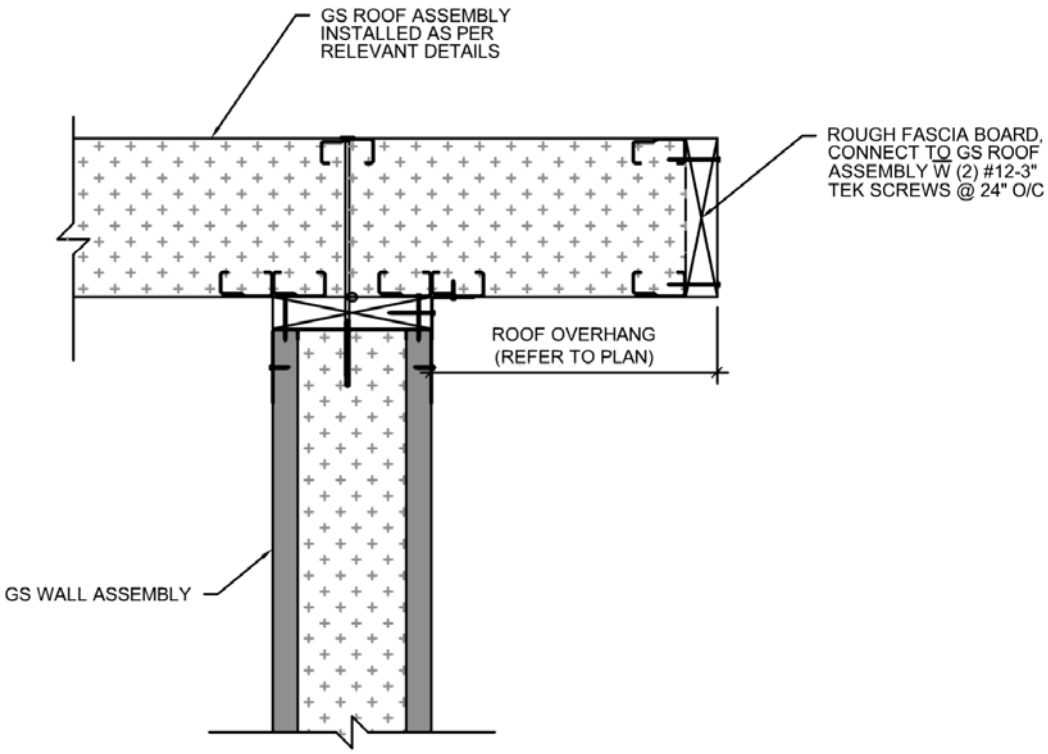


ROUGH FASCIA ATTACHMENT ONTO GS ROOF [SECTION]

N.T.S. 554B



ROUGH FASCIA ATTACHMENT
ONTO GS ROOF [SECTION]
N.T.S.
554C



ROUGH FASCIA ATTACHMENT ONTO GS ROOF [SECTION]

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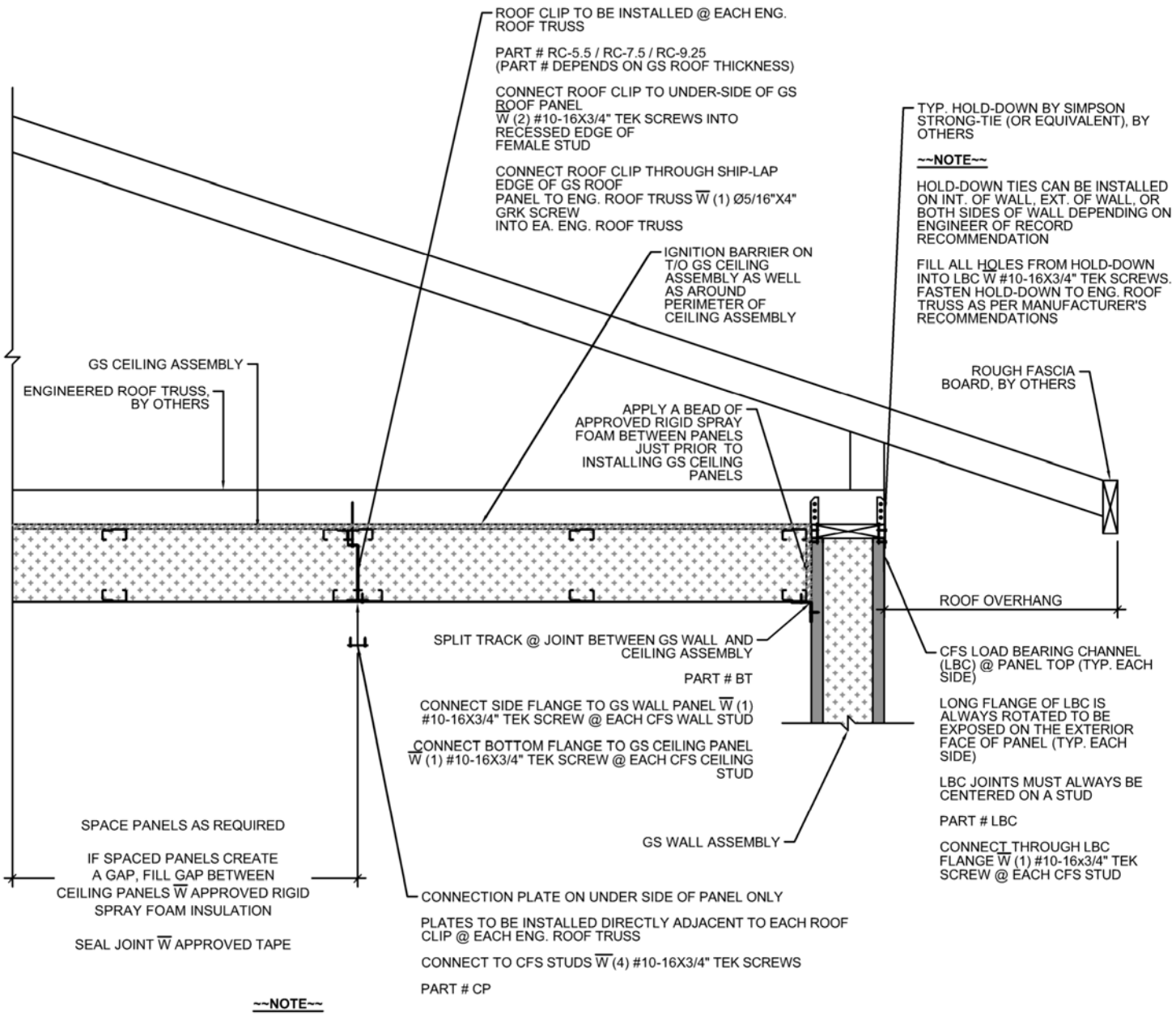
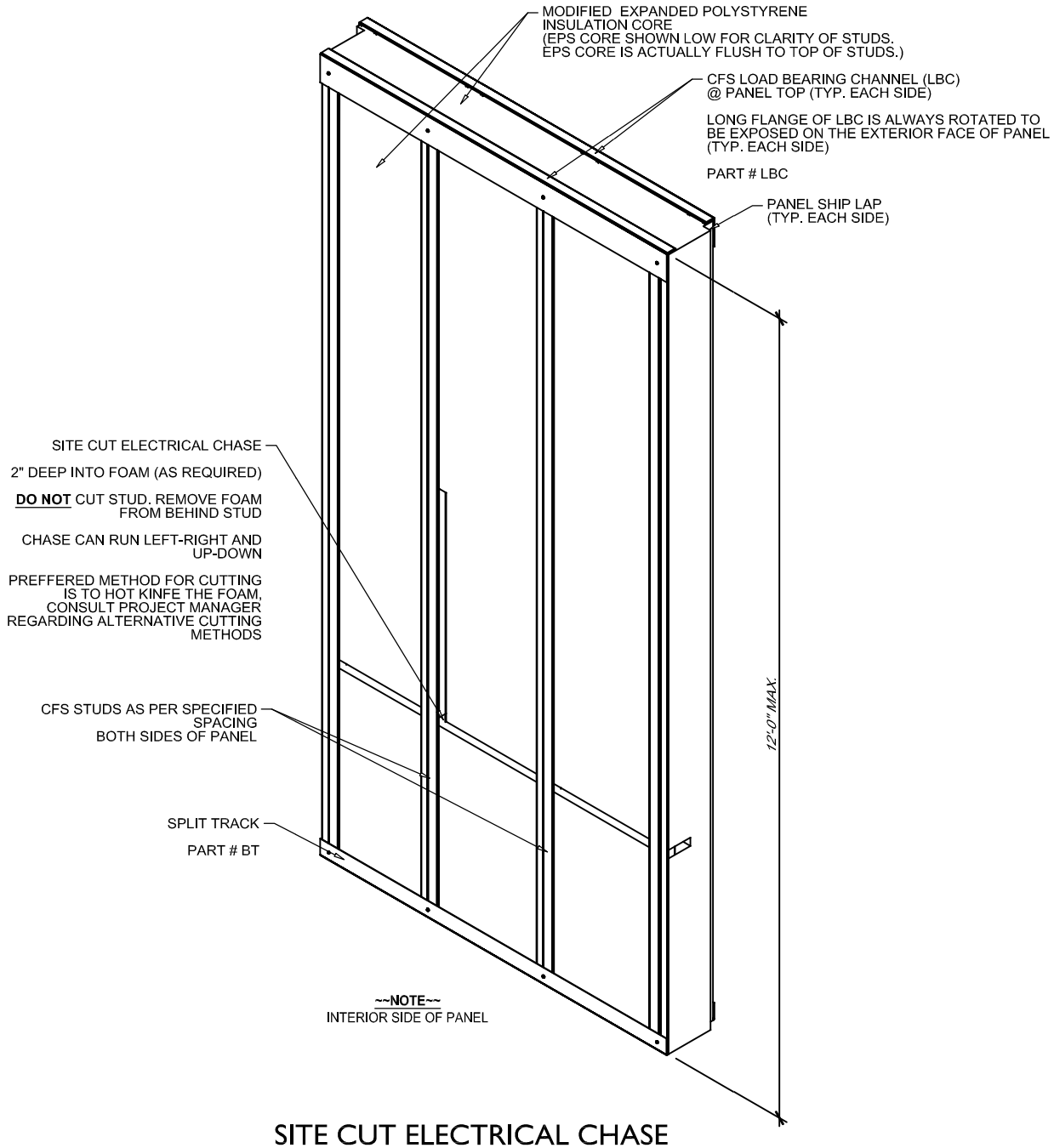


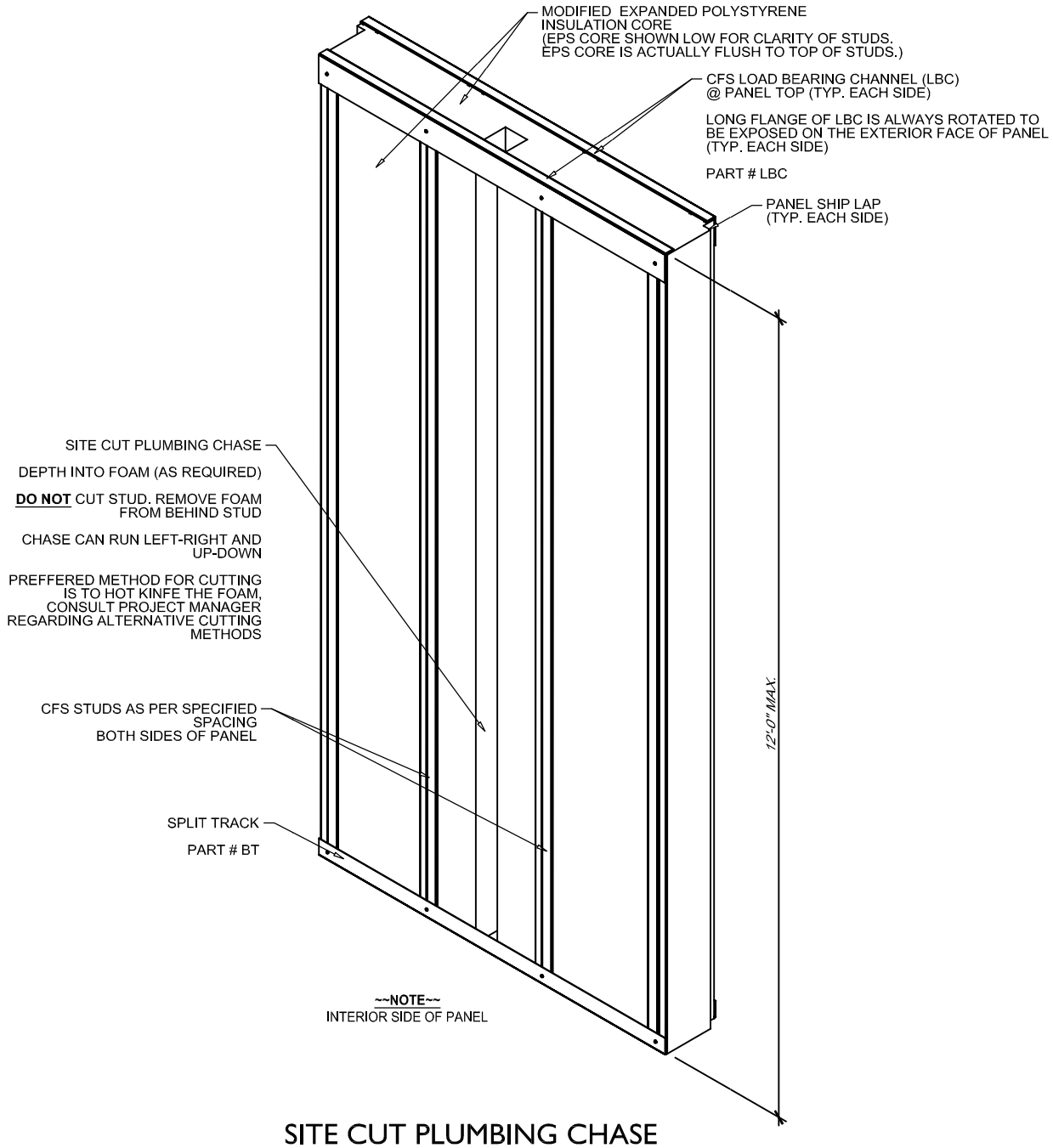
GS CEILING PANELS (SECTION)

N.T.S. 560



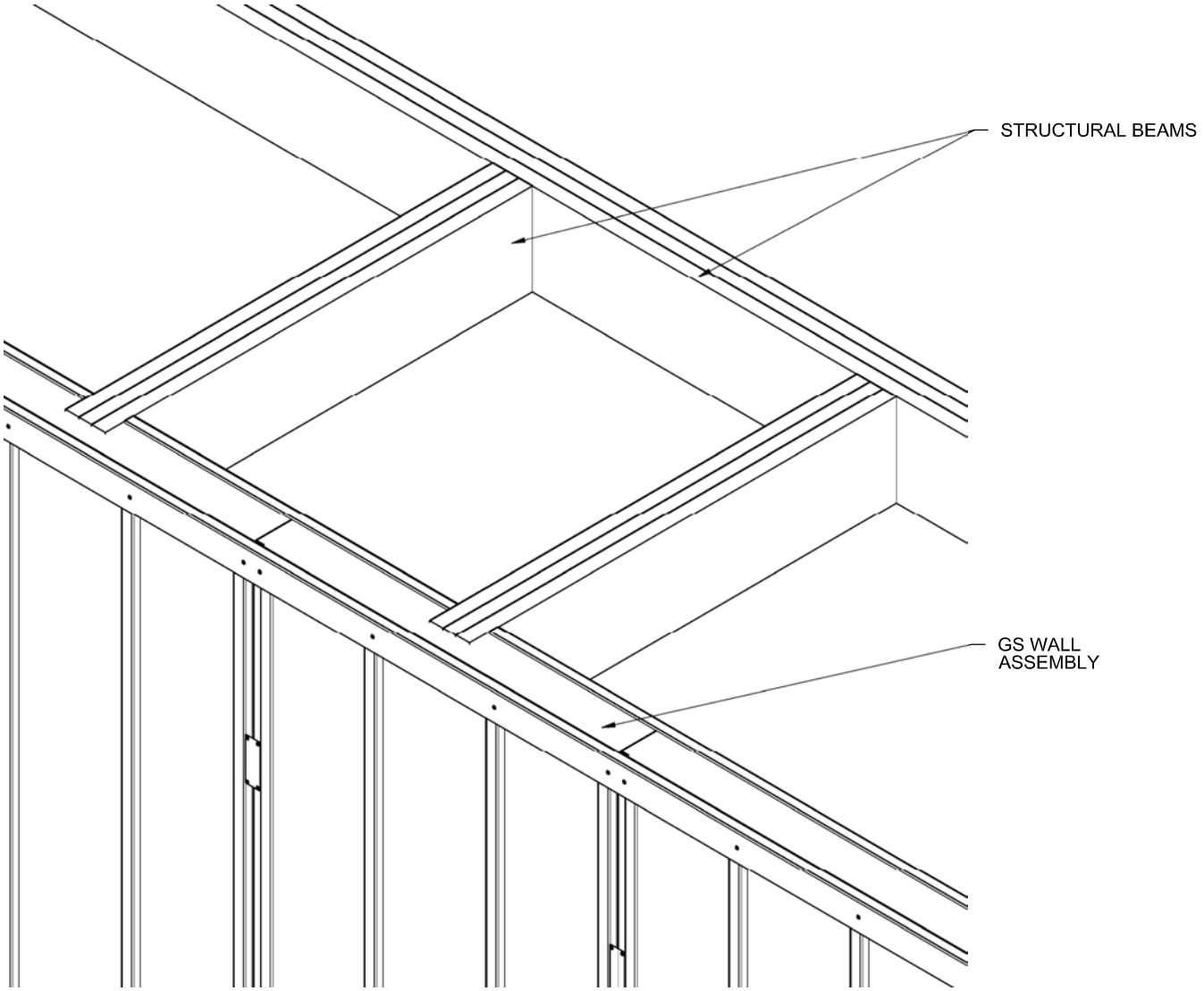
SITE CUT ELECTRICAL CHASE (PERSPECTIVE)

N.T.S. 611



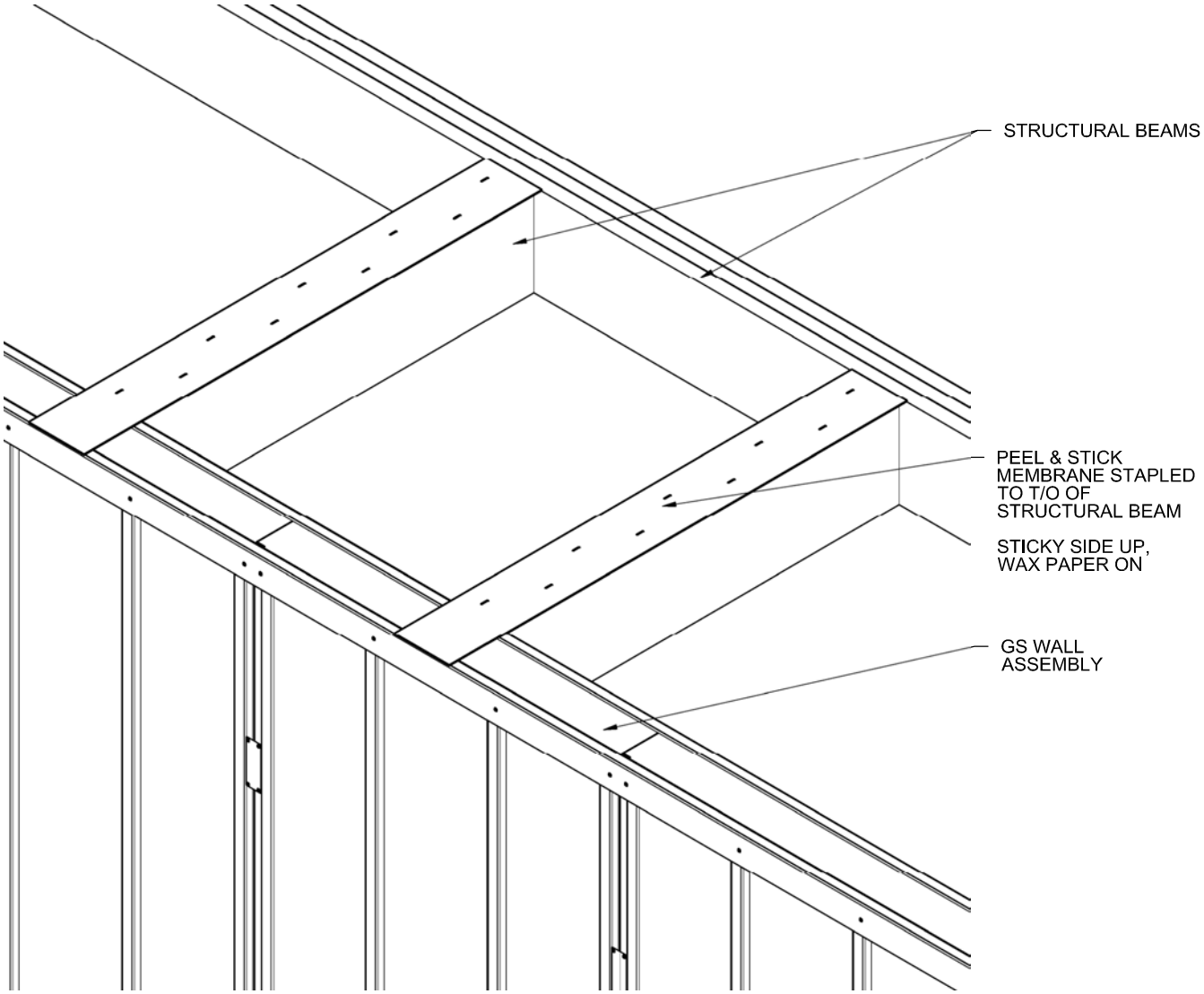
SITE CUT PLUMBING CHASE
(PERSPECTIVE)

N.T.S. 612



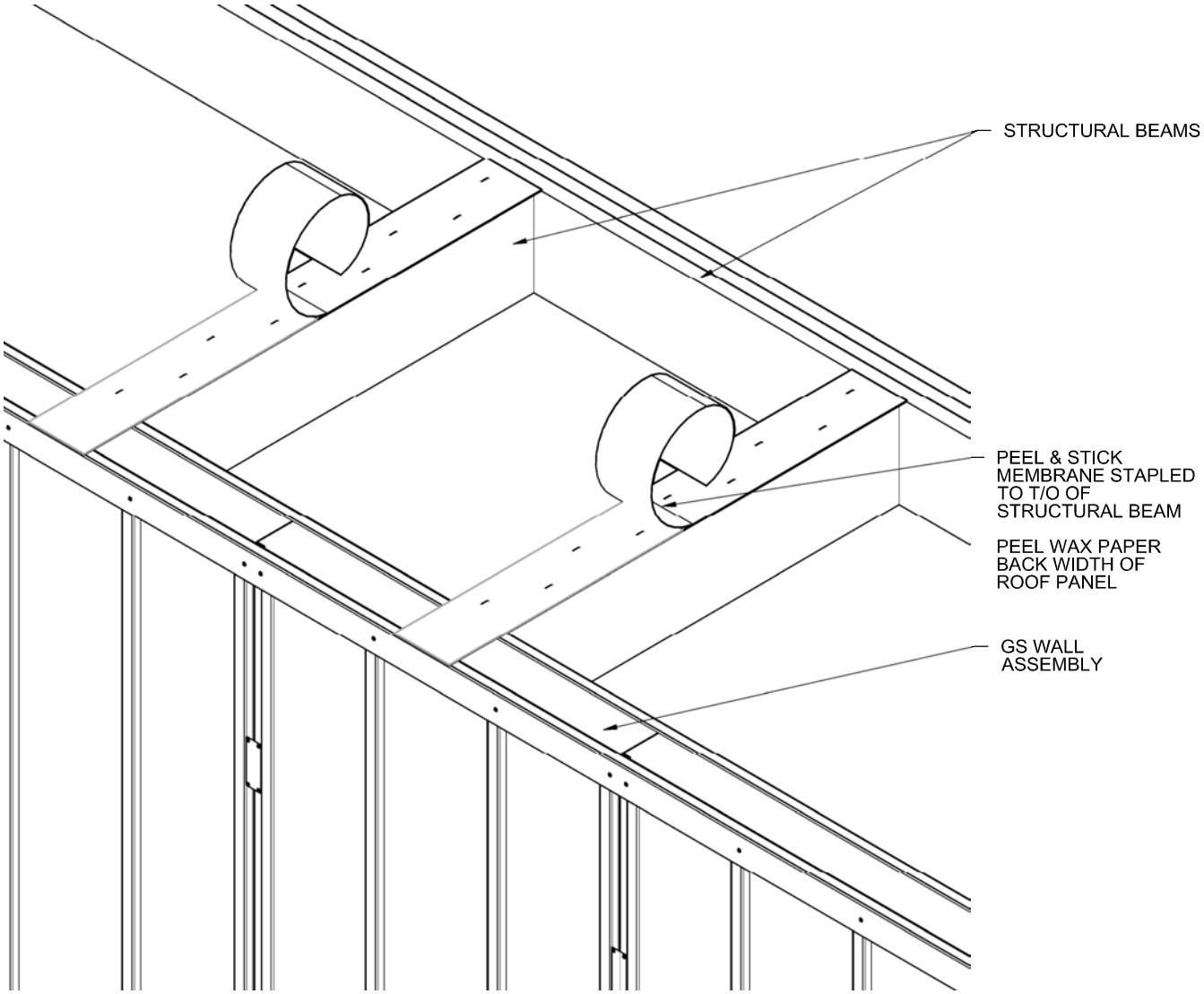
PEEL & STICK INSTALLATION
(PERSPECTIVE)

N.T.S. 614A



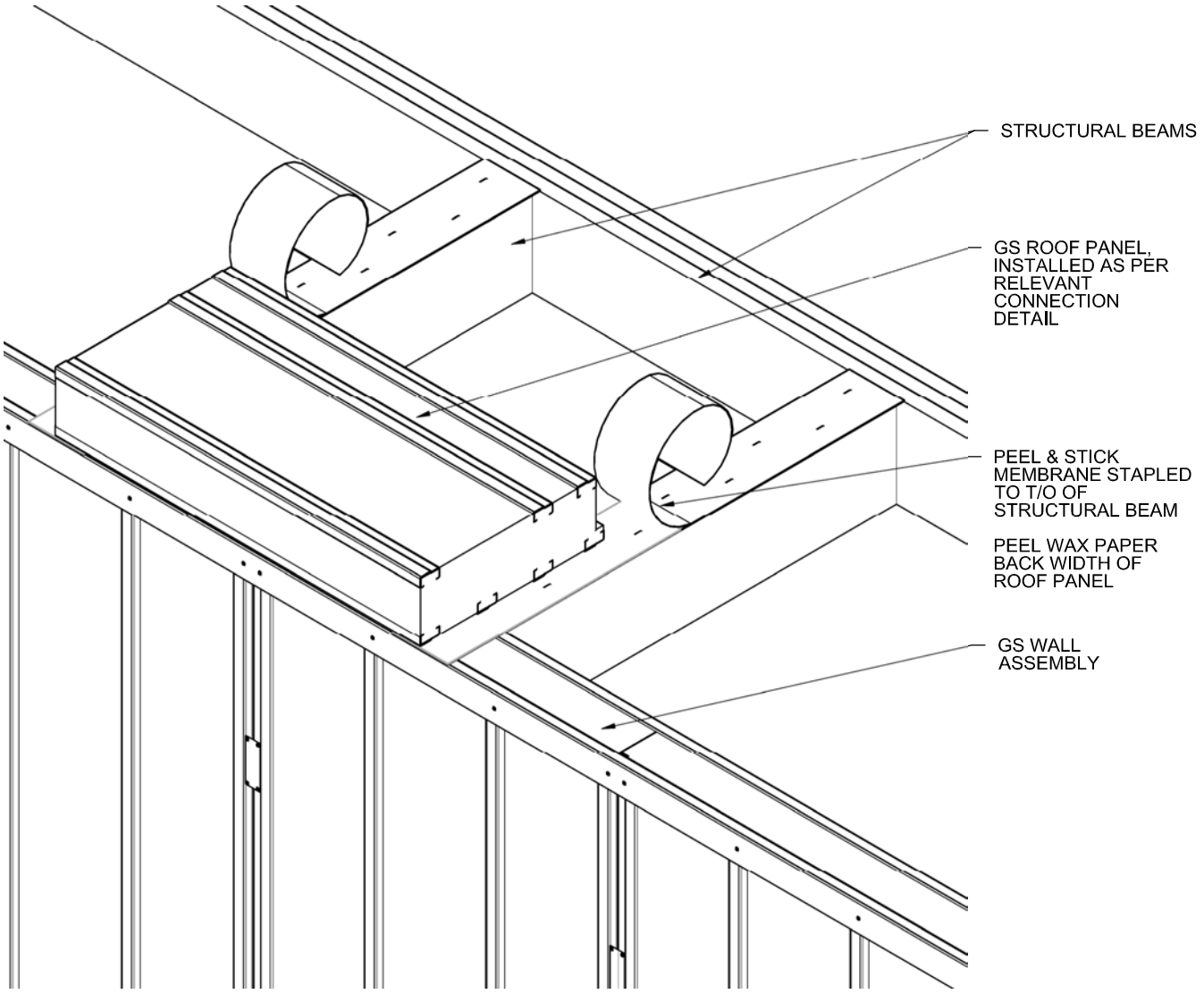
PEEL & STICK INSTALLATION (PERSPECTIVE)

N.T.S. 614B



PEEL & STICK INSTALLATION (PERSPECTIVE)

N.T.S. 614C



PEEL & STICK INSTALLATION
(PERSPECTIVE)

N.T.S. 614D

GREENSTONE
BUILDING PRODUCTS

ICE PANEL

ACCESSORY CATALOGUE

UPDATED AS OF 2024.03.20

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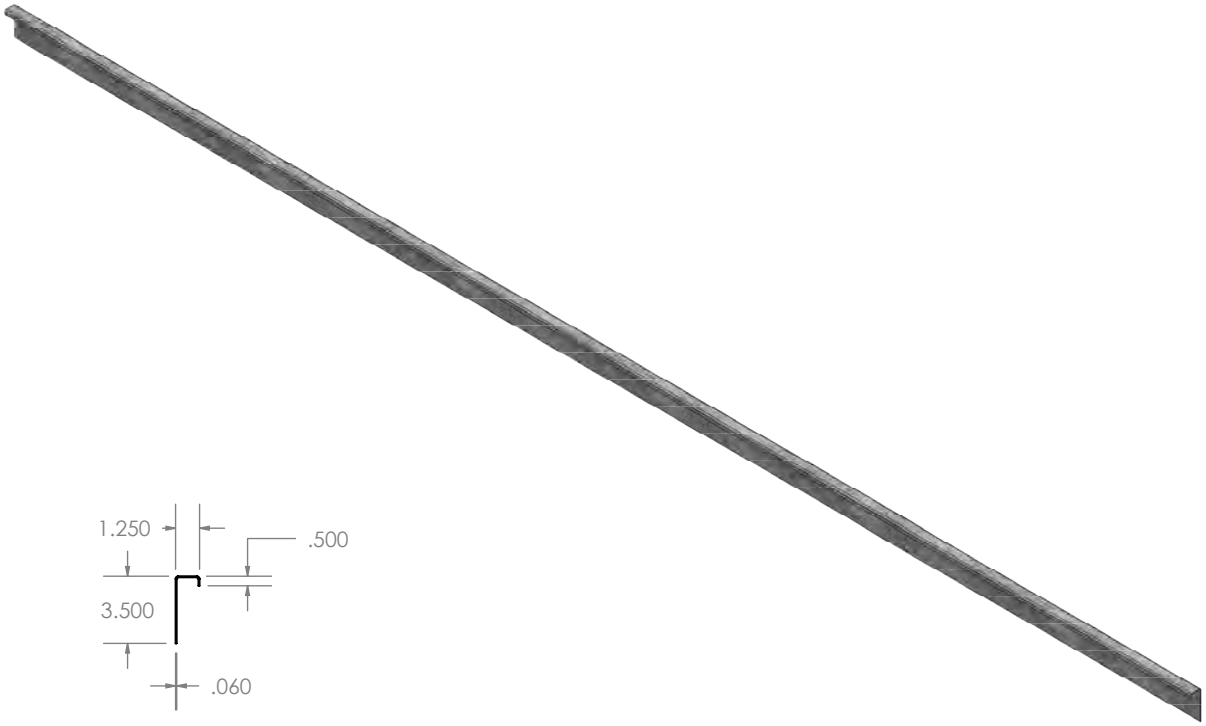
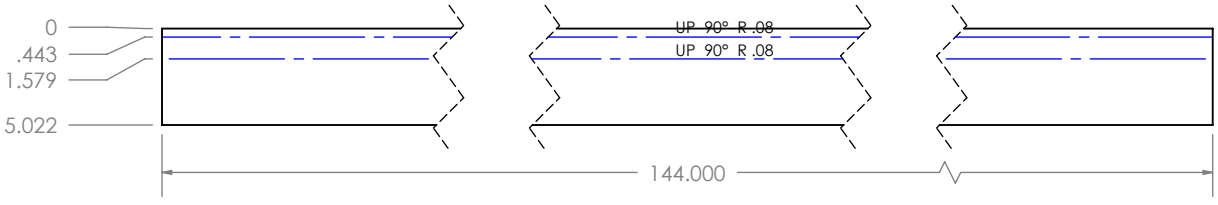
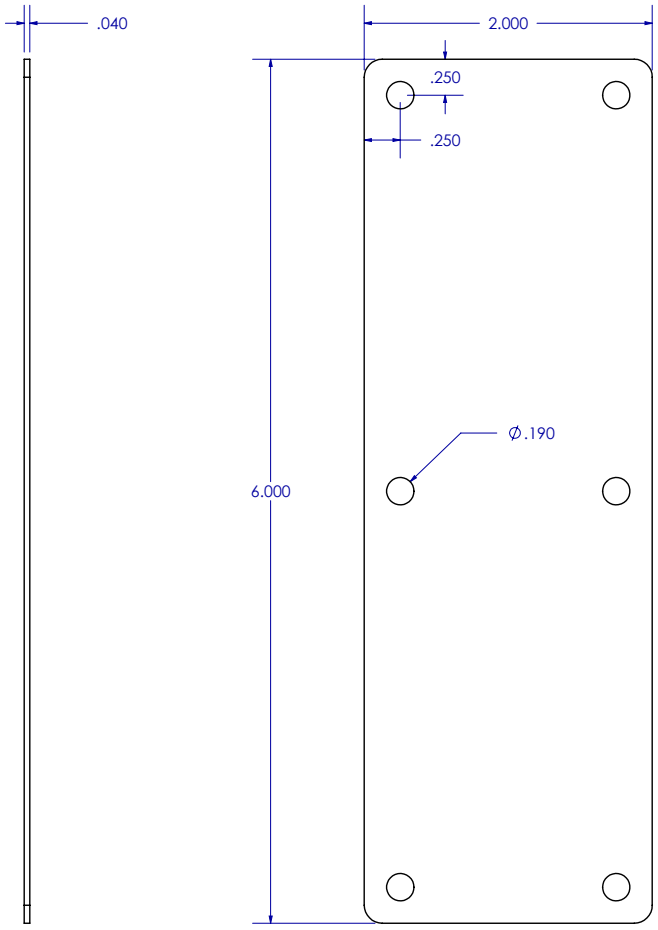




CONNECTION PLATE

PART NO. CP

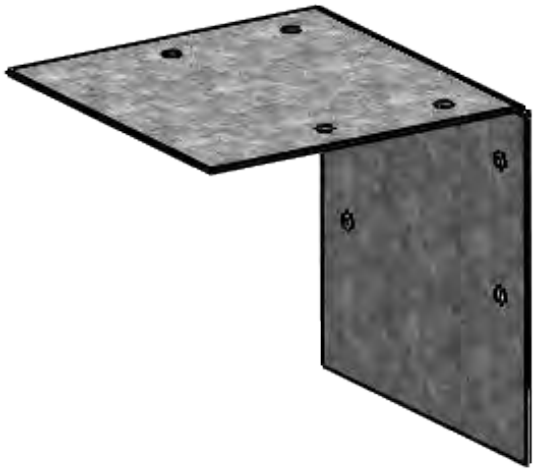
GALVANIZED STEEL - 18GA

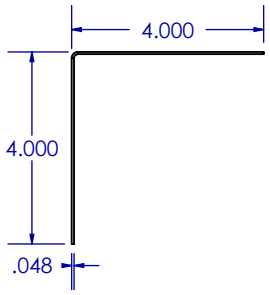


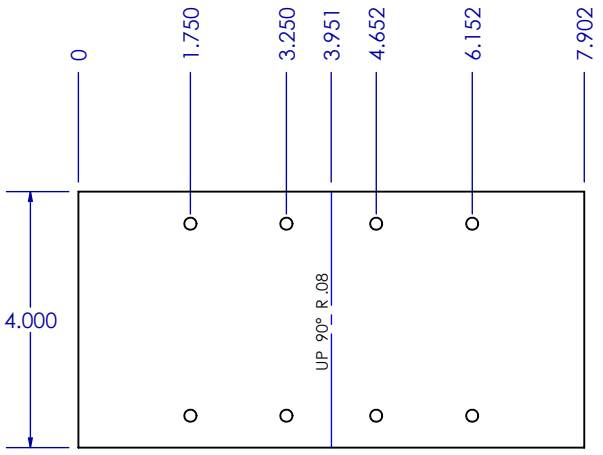
INSIDE CORNER

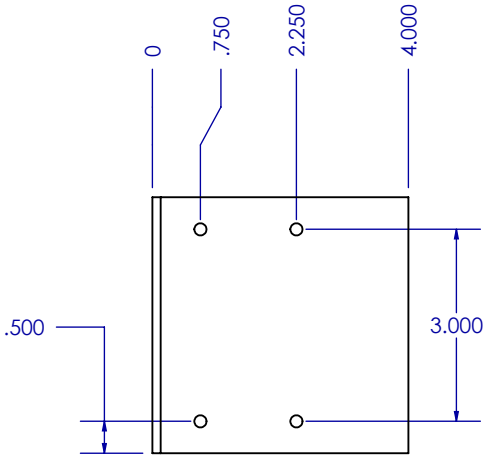
PART NO. IC

GALVANIZED STEEL - 18GA





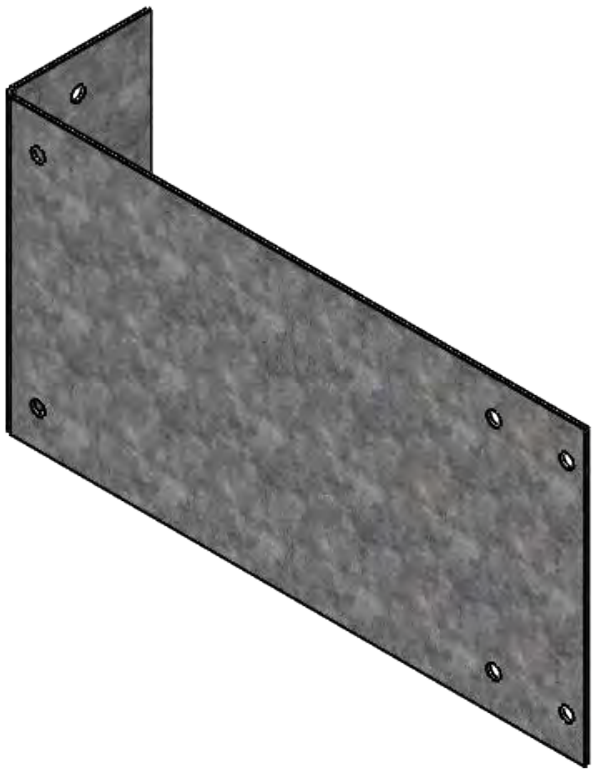


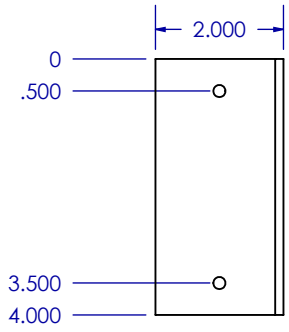


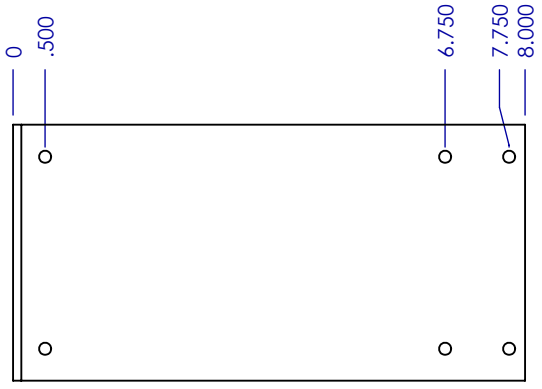
OUTSIDE CORNER 5.5

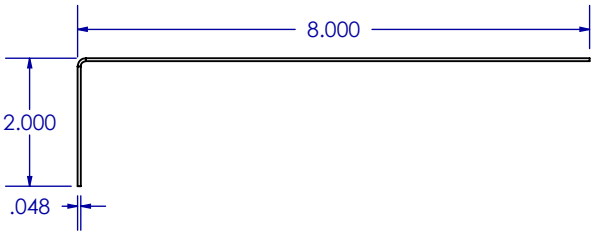
PART NO. **OC-5.5**

GALVANIZED STEEL - 18GA





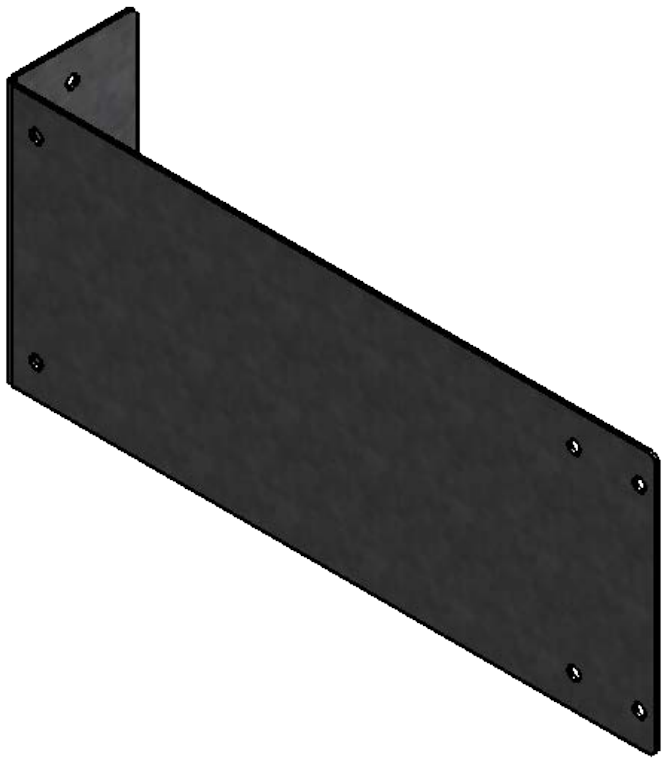


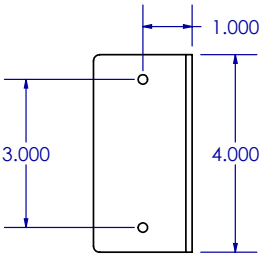


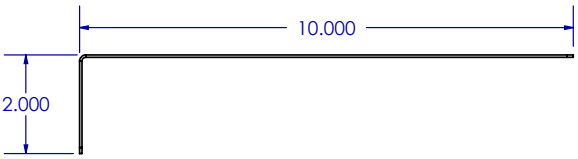
OUTSIDE CORNER 7.5

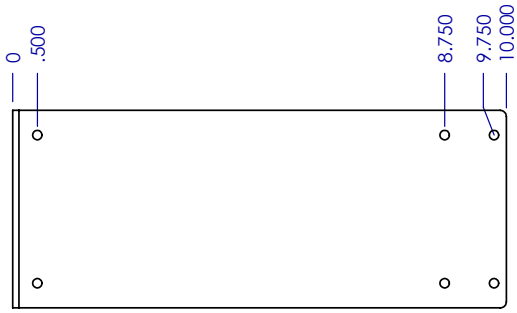
PART NO. **OC-7.5**

GALVANIZED STEEL - 18GA





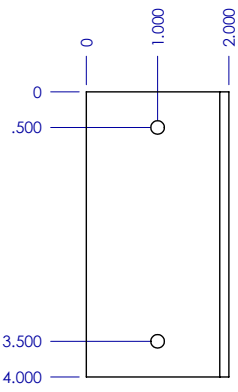


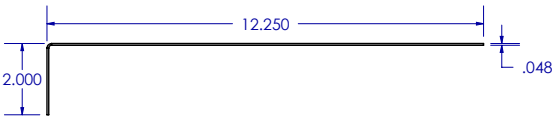


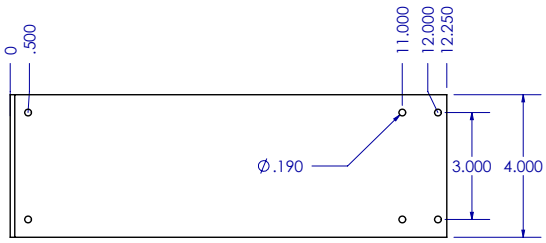
OUTSIDE CORNER 9.25

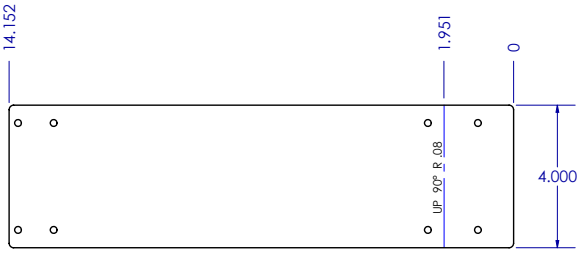
PART NO. **OC-9.25**

GALVANIZED STEEL - 18GA





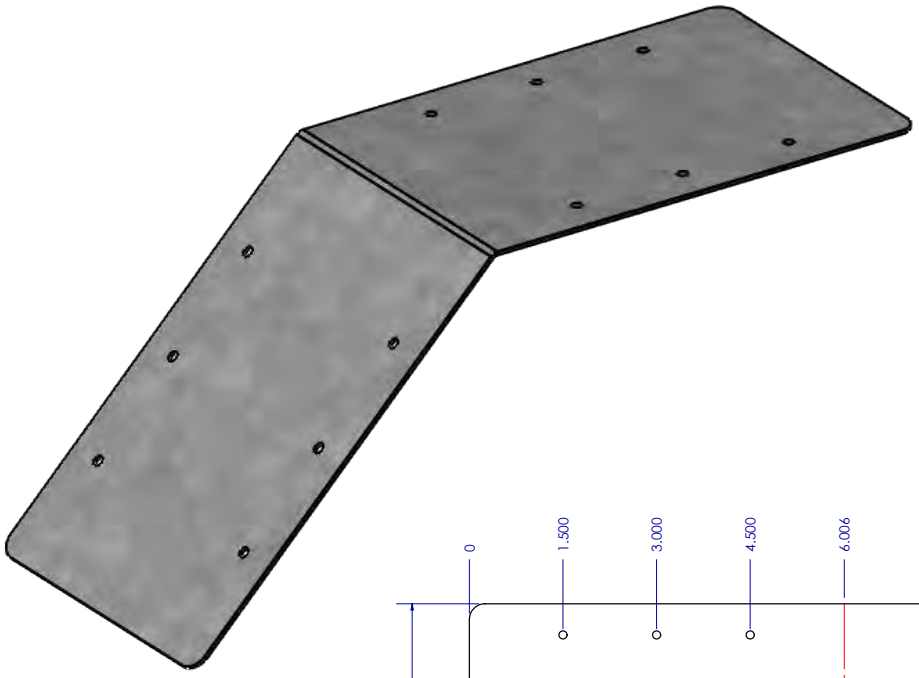


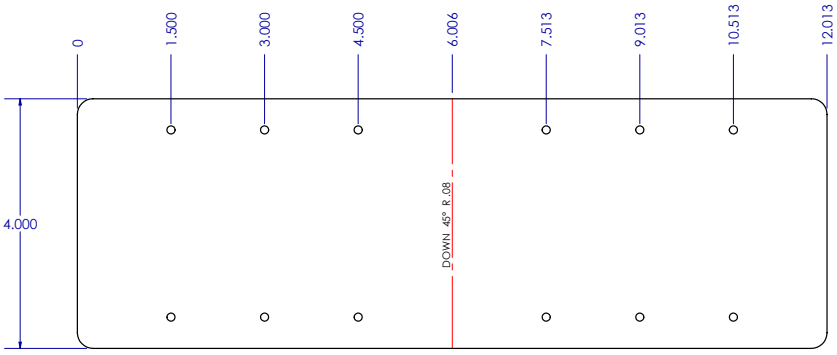


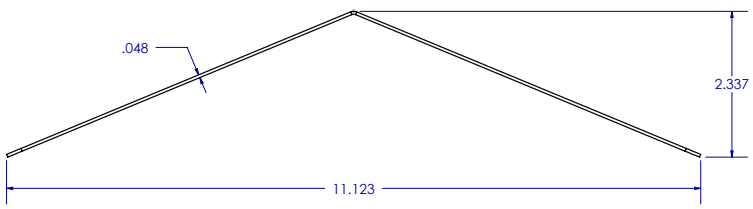
OUTSIDE CORNER 45

PART NO. **C-45**

GALVANIZED STEEL - 18GA



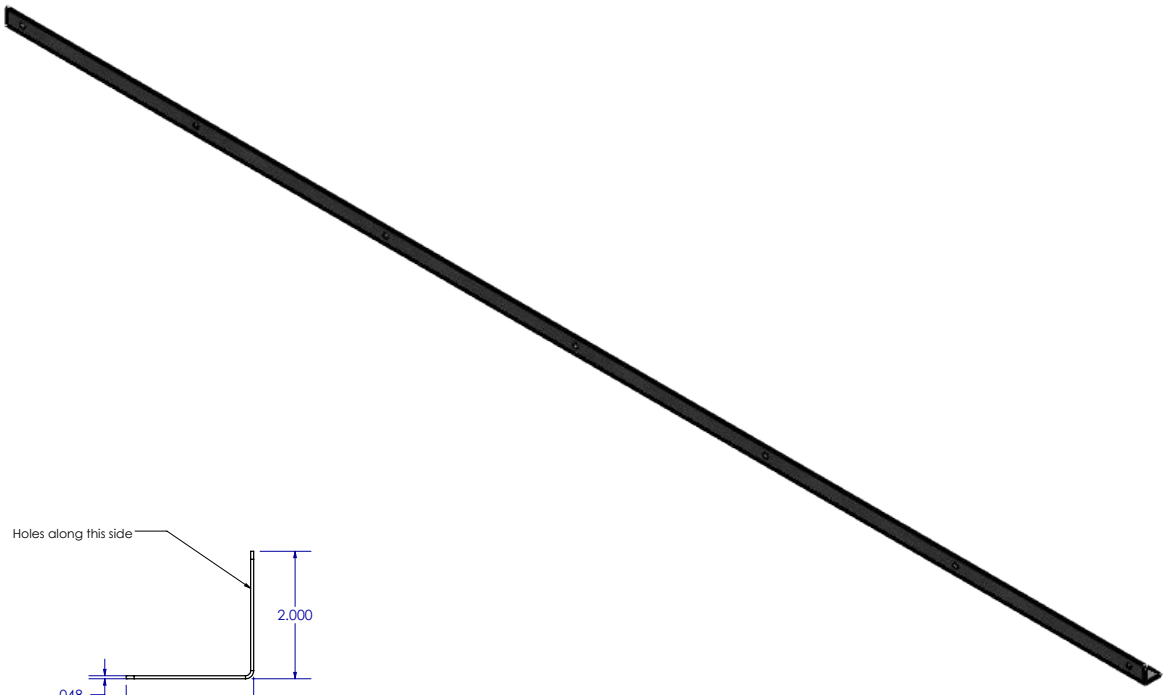


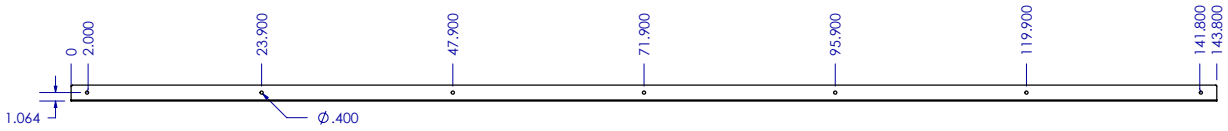


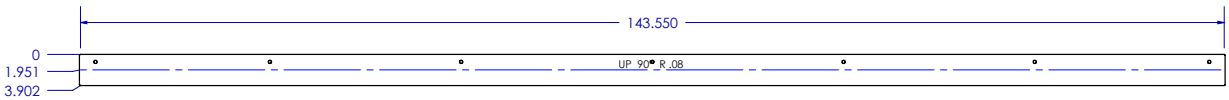
BOTTOM SPLIT TRACK

PART NO. **BT**

GALVANIZED STEEL - 18GA



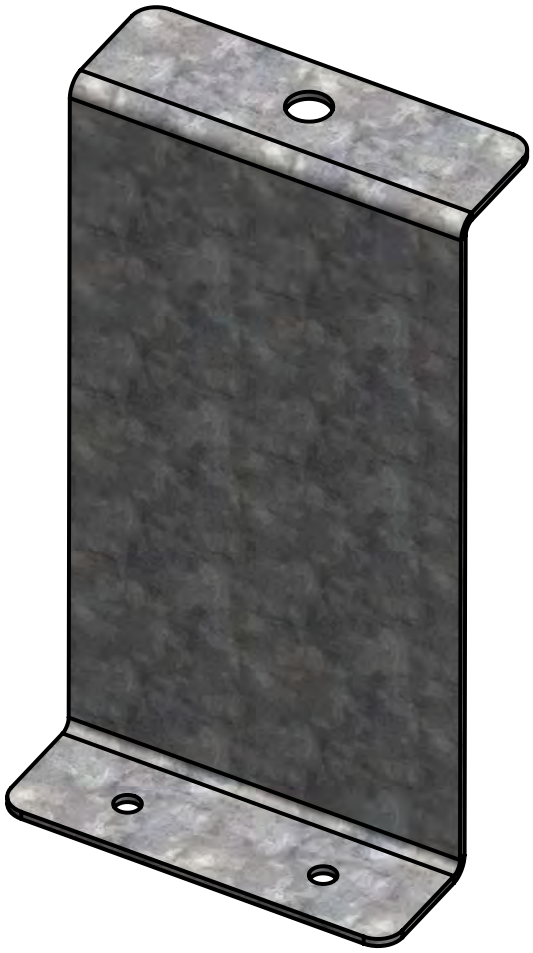


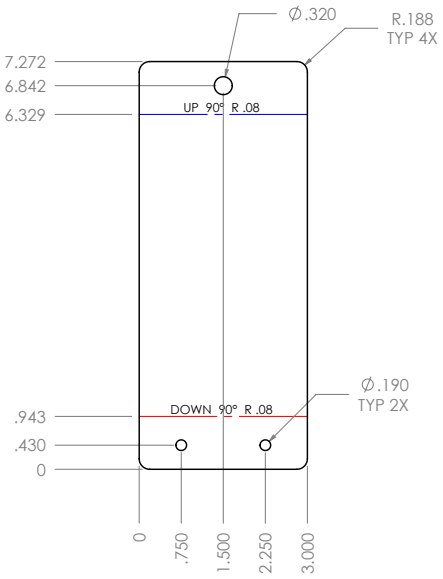


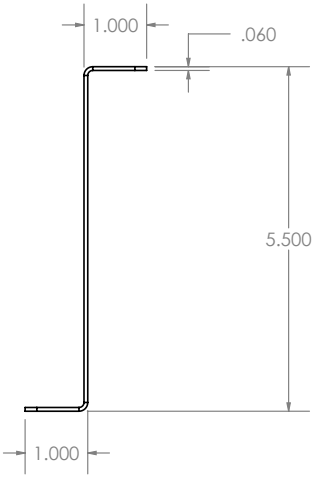
ROOF CLIP 5.5

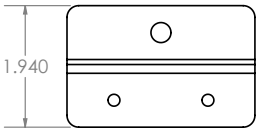
PART NO. **RC-5.5**

GALVANIZED STEEL - 16GA





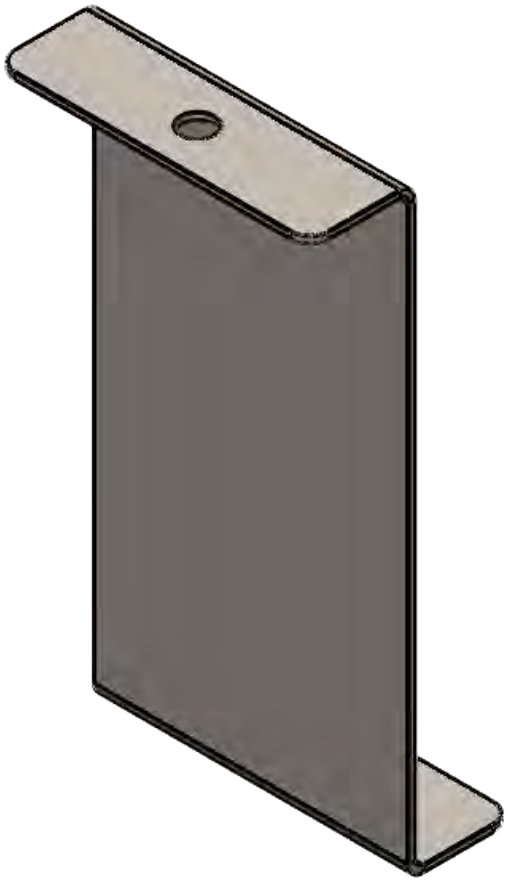


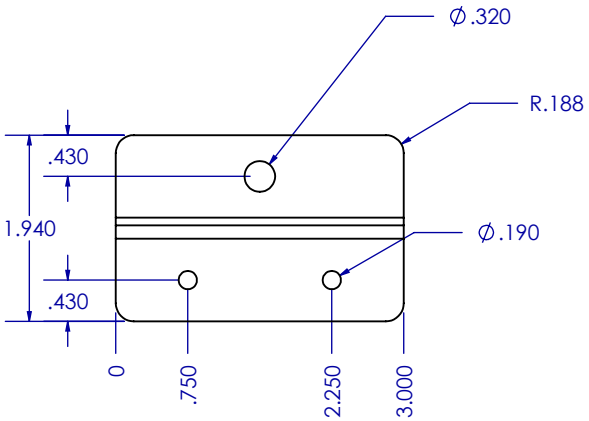


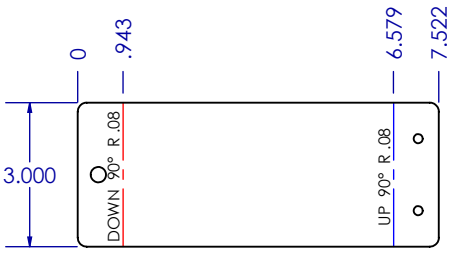
ROOF CLIP 7.5

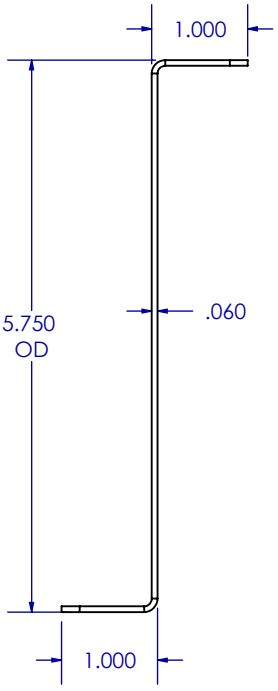
PART NO. **RC-7.5**

GALVANIZED STEEL - 16GA





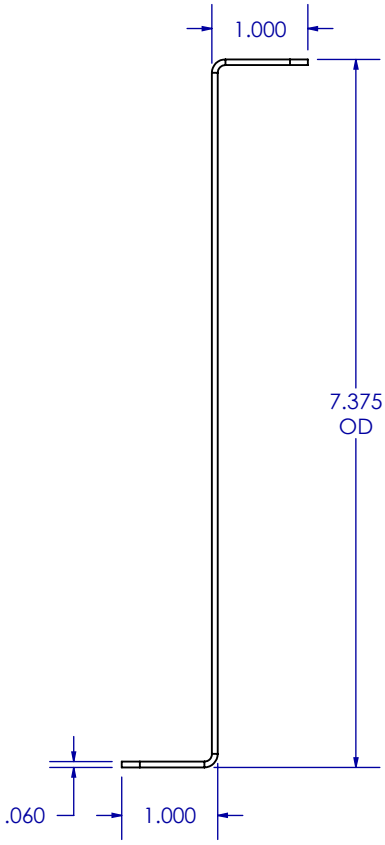


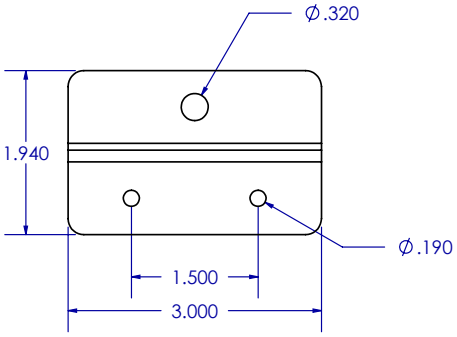


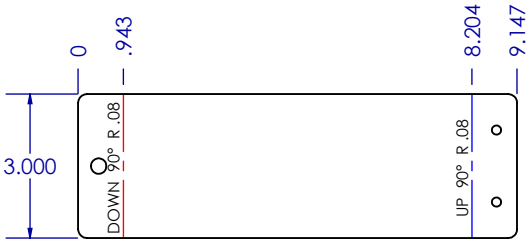
ROOF CLIP 9.25

PART NO. **RC-9.25**

GALVANIZED STEEL - 16GA



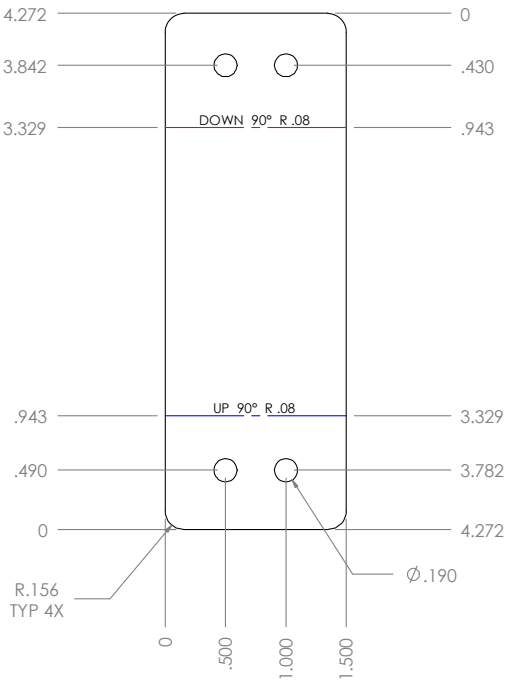


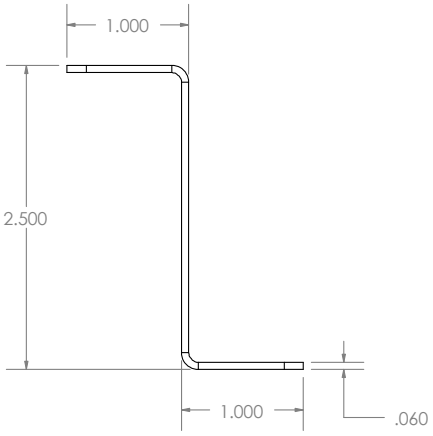


HEADER BASE PLATE SINGLE-JOIST

PART NO. **HBP-SJ**

GALVANIZED STEEL - 16GA

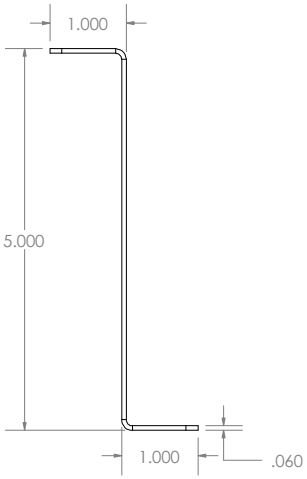


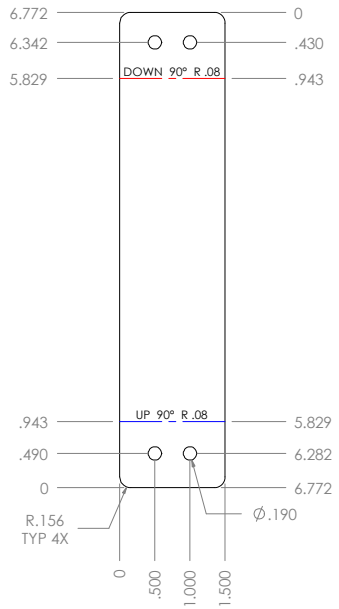


HEADER BASE PLATE DOUBLE-JOIST

PART NO. **HBP-DJ**

GALVANIZED STEEL - 16GA

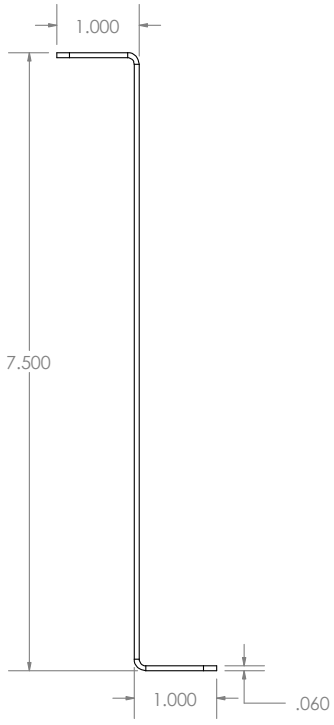


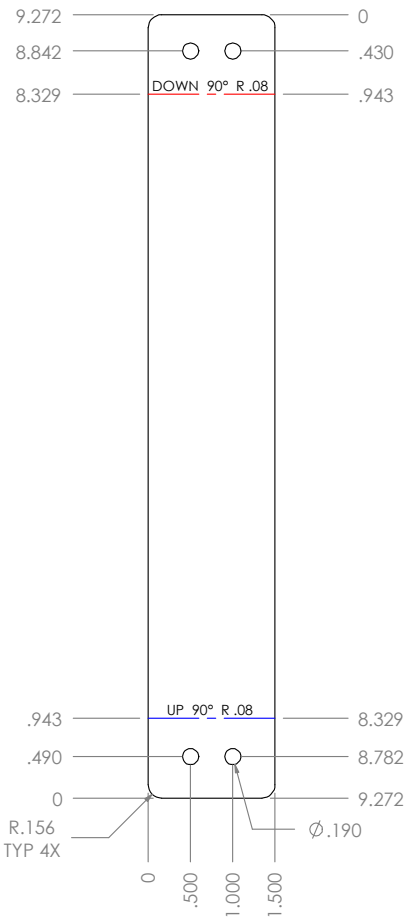


HEADER BASE PLATE TRIPLE-JOIST

PART NO. **HBP-TJ**

GALVANIZED STEEL - 16GA

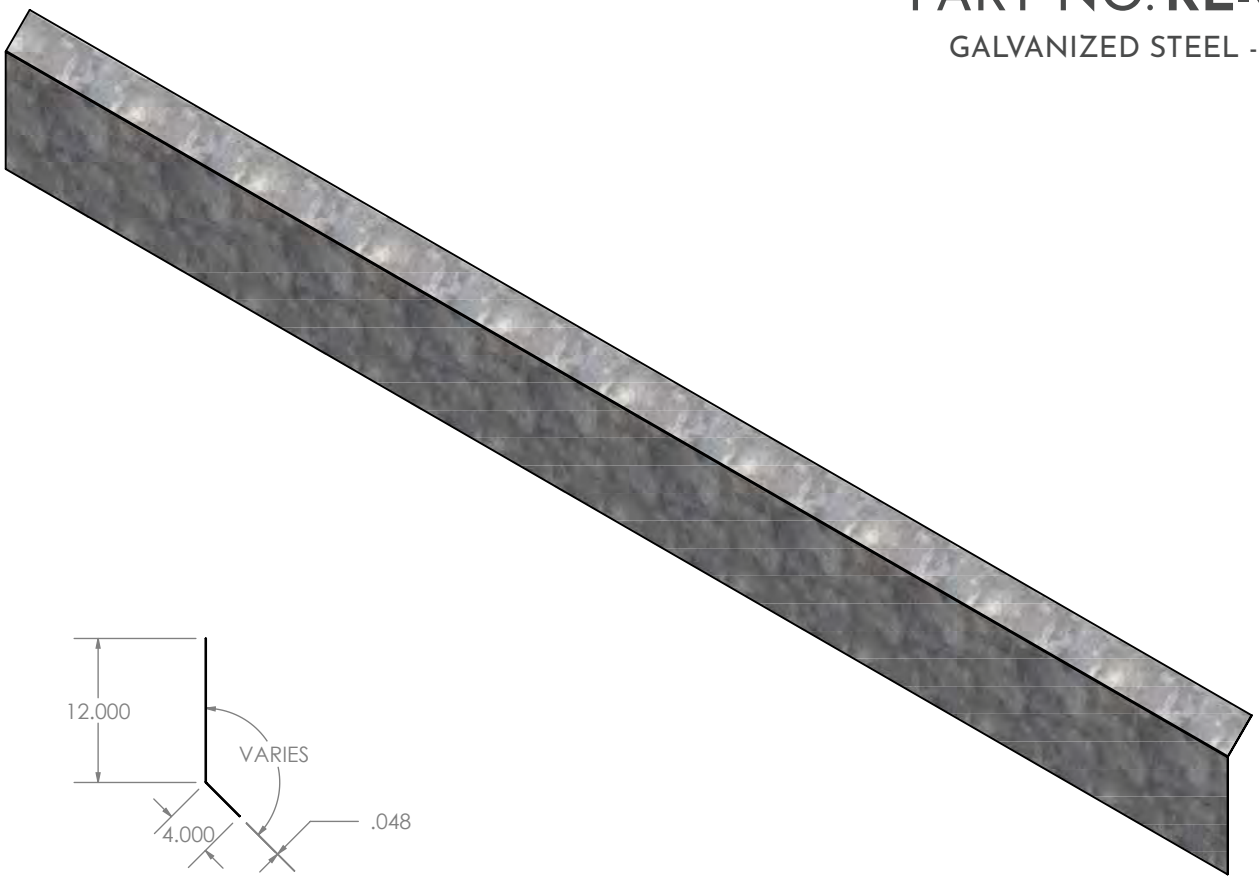


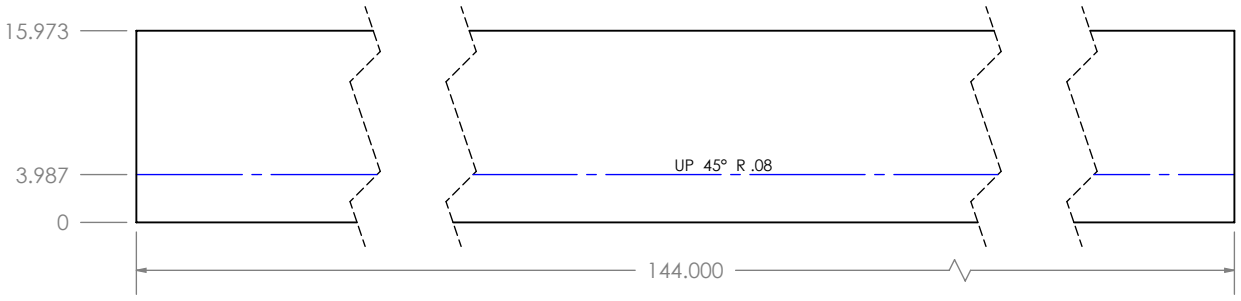


ROOF EAVE OUTSIDE CONNECTION

PART NO. **RE-OC**

GALVANIZED STEEL - 18GA

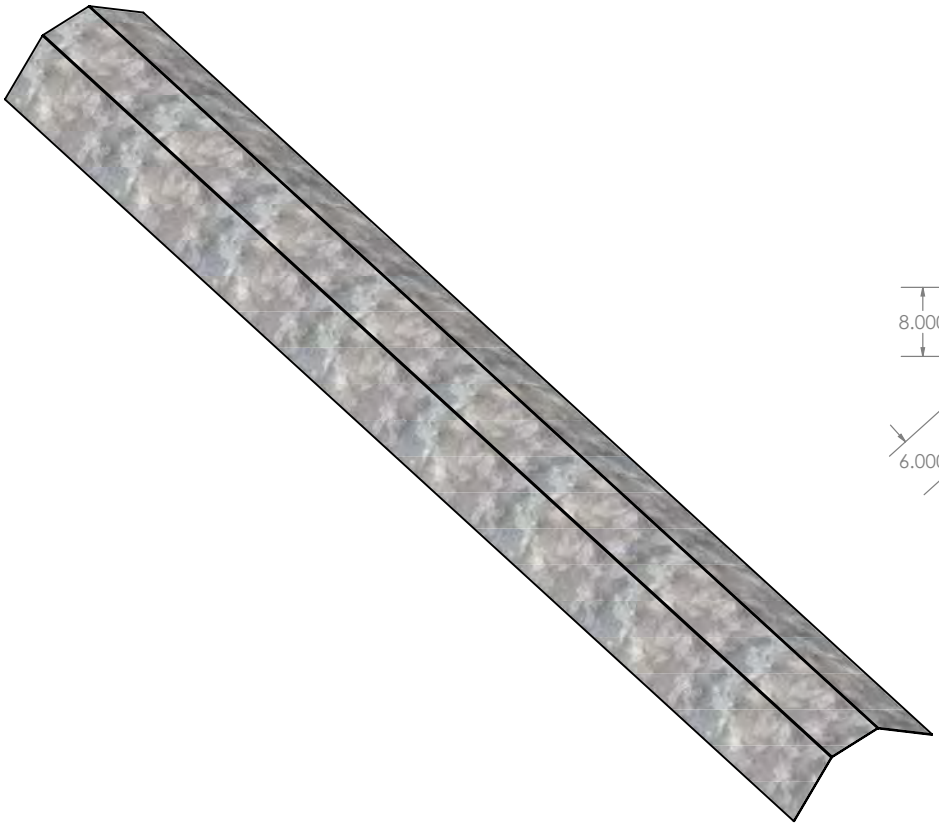


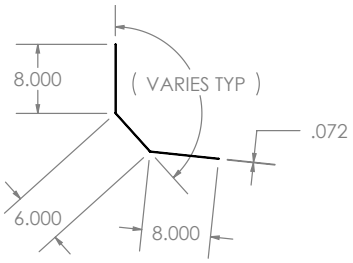


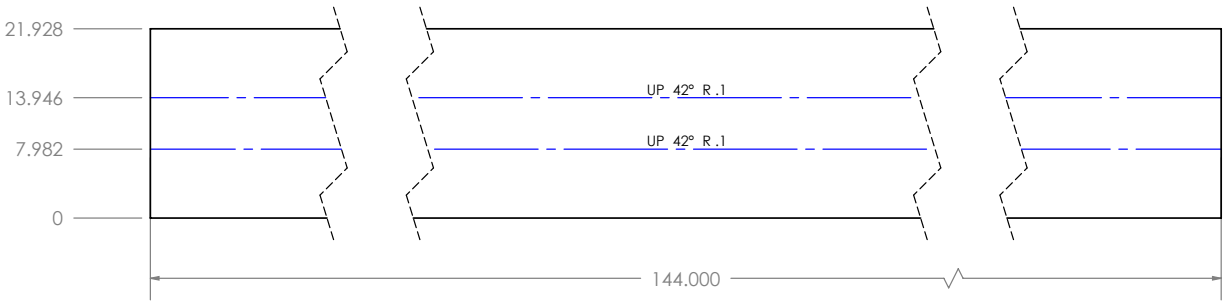
ROOF RIDGE INSIDE CONNECTION

PART NO. **RR-IC**

GALVANIZED STEEL - 14GA



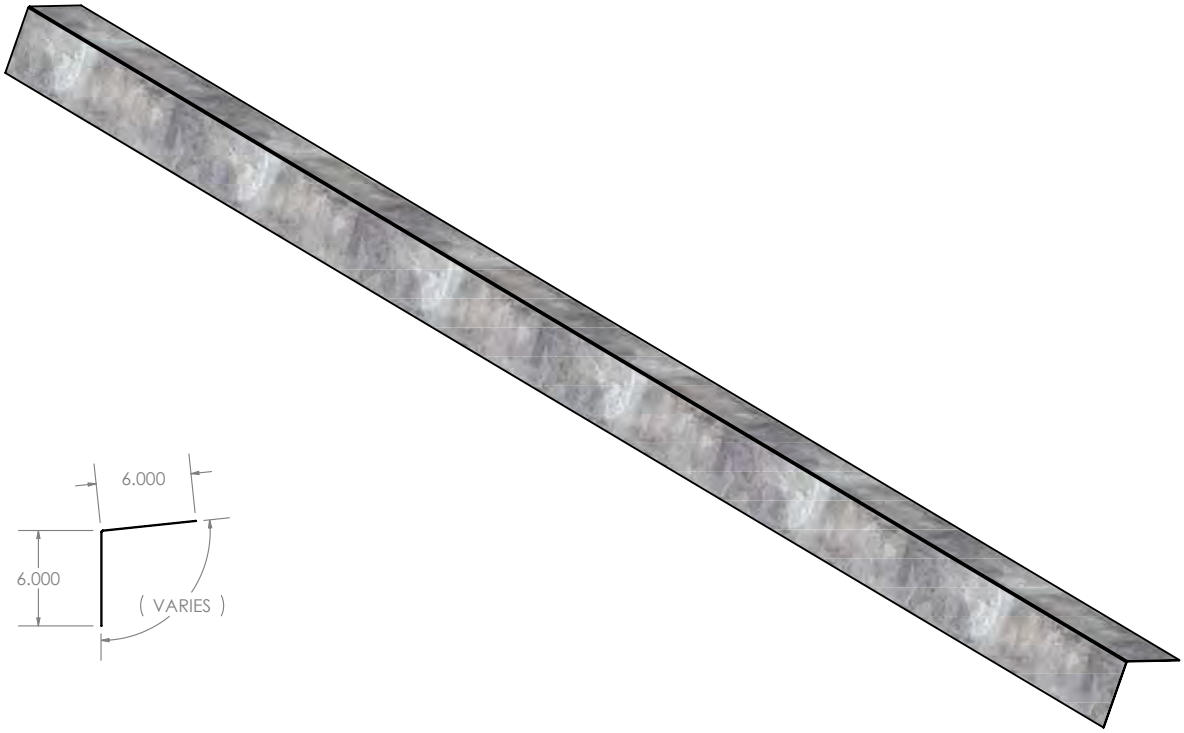


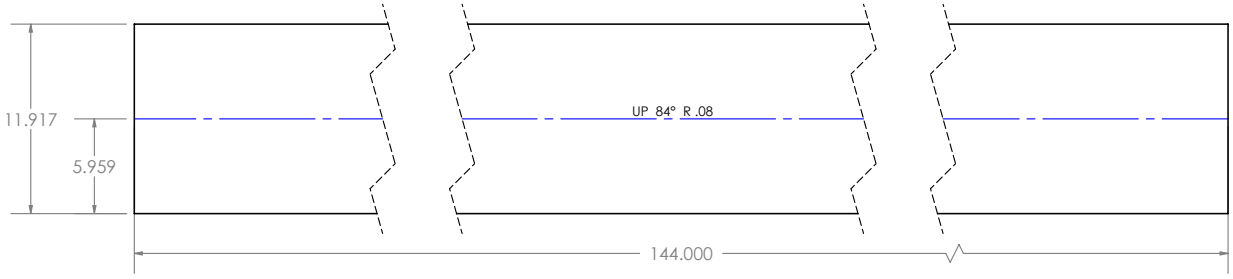


ROOF RIDGE OUTSIDE CONNECTION

PART NO. **RR-OC**

GALVANIZED STEEL - 18GA

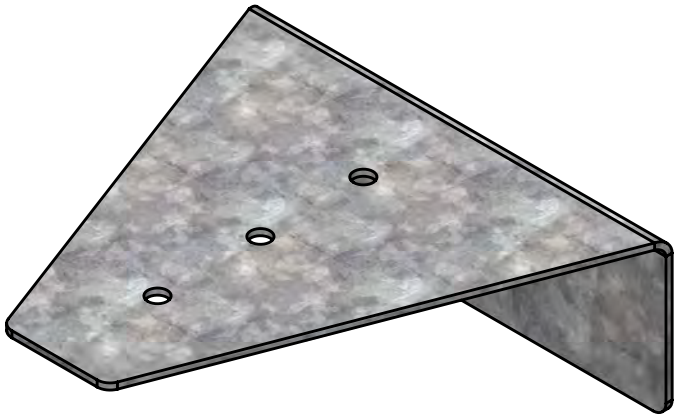


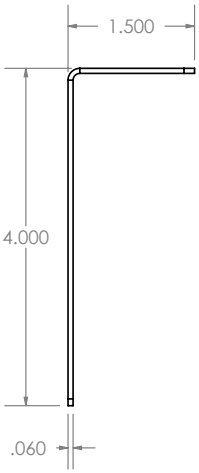


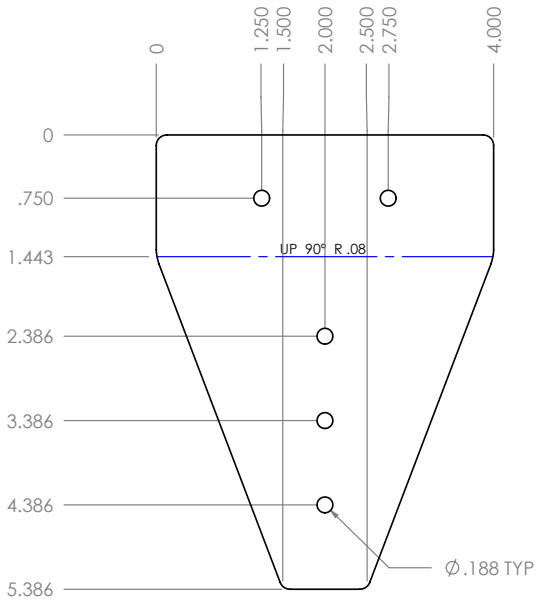
LATERAL WALL BRACE

PART NO. **LWB**

GALVANIZED STEEL - 16GA



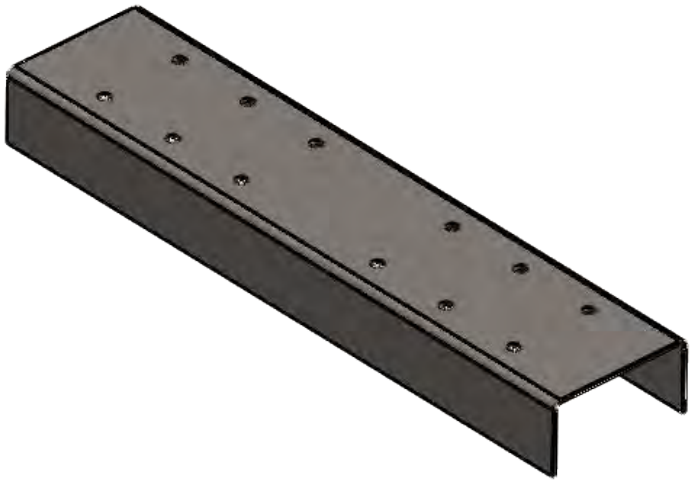


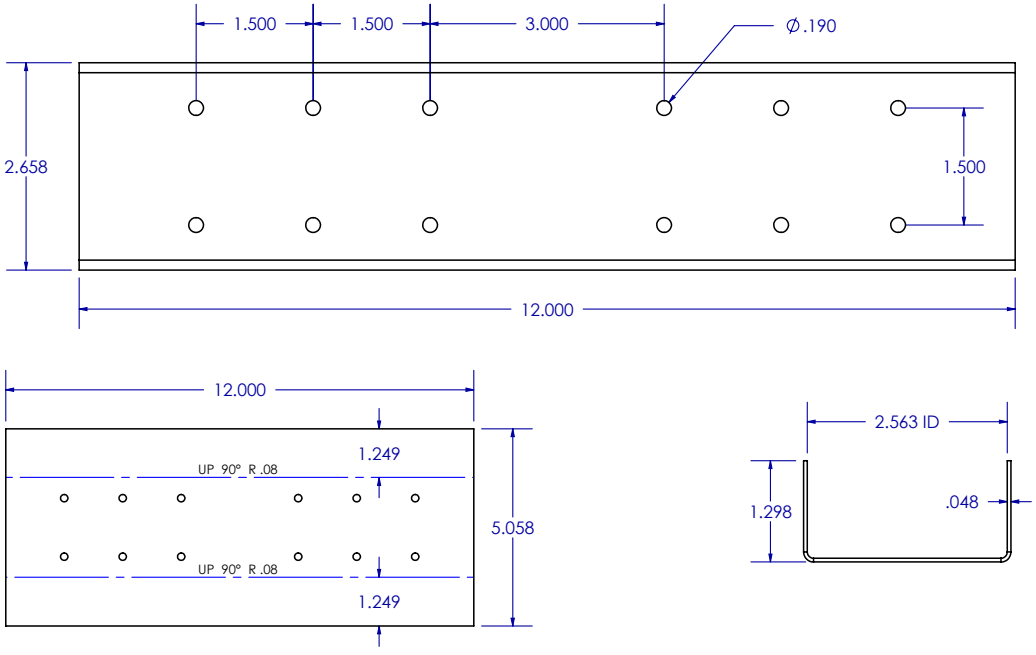


PANELIZING CLIP SINGLE

PART NO. **PCS**

GALVANIZED STEEL - 18GA

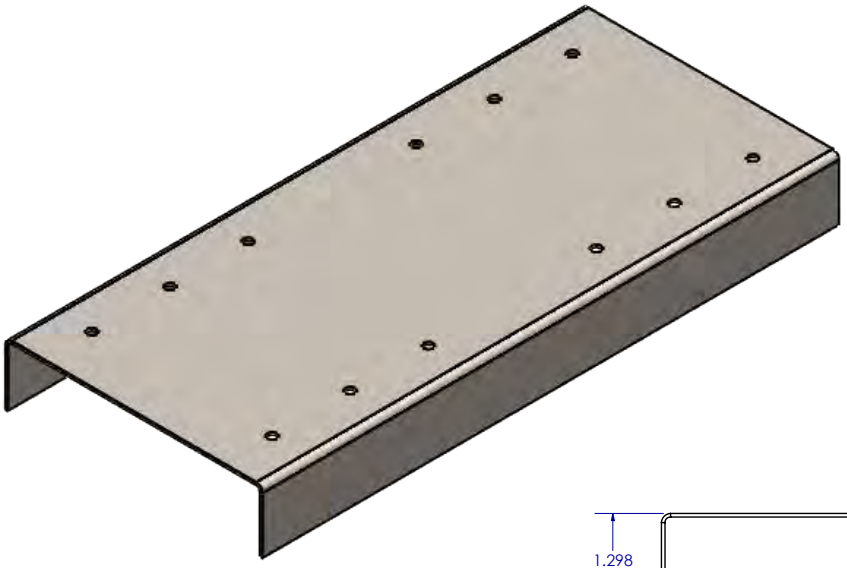


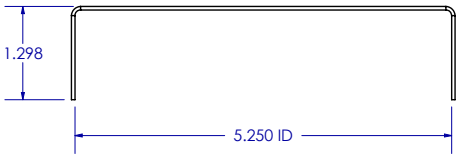


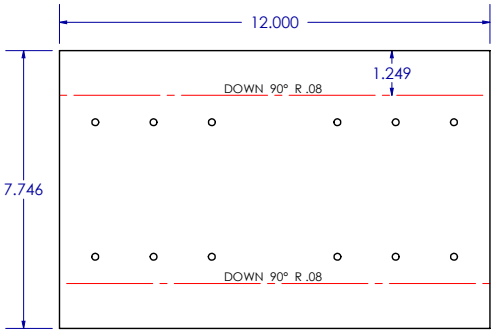
PANELIZING CLIP-2

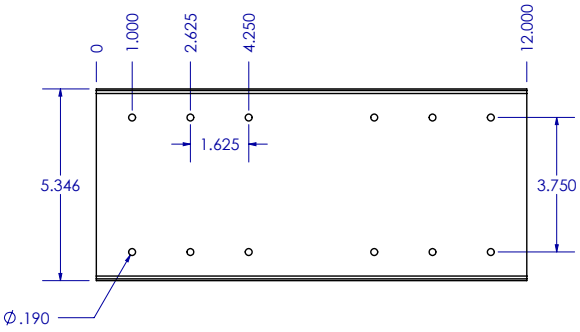
PART NO. **PC-2**

GALVANIZED STEEL - 18GA





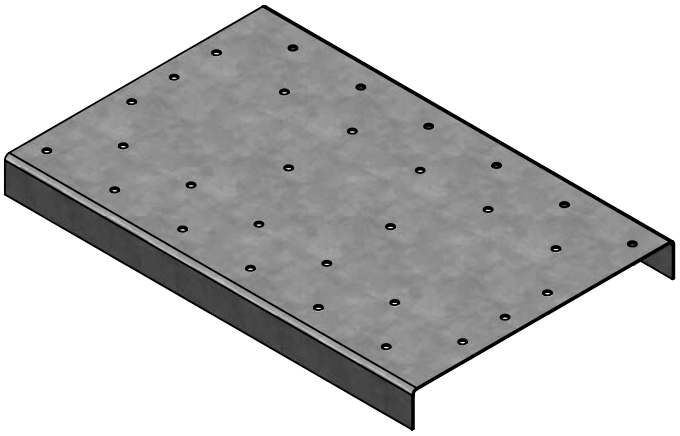


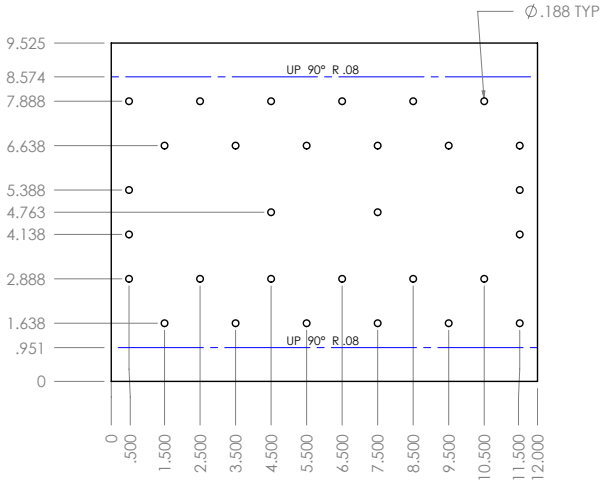


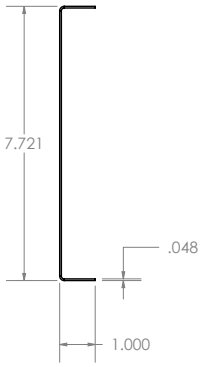
PANELIZING CLIP-3

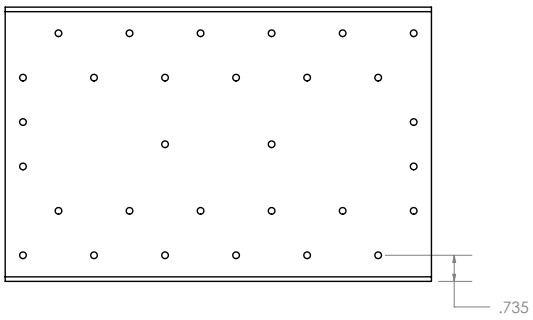
PART NO. **PC-3**

GALVANIZED STEEL - 18GA





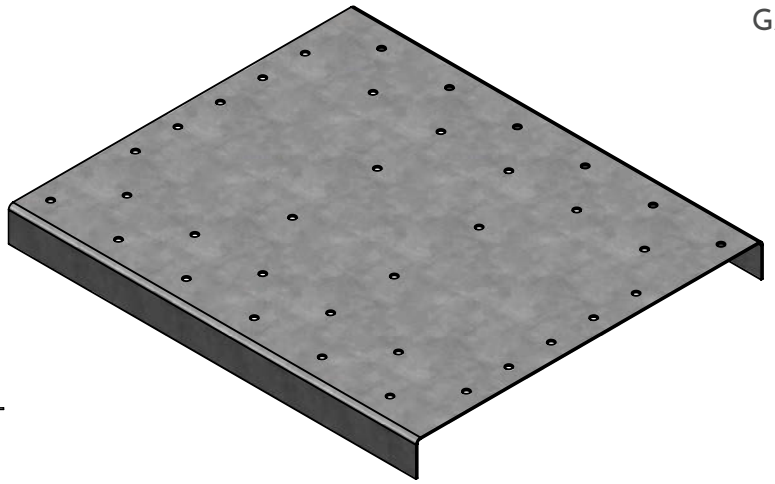


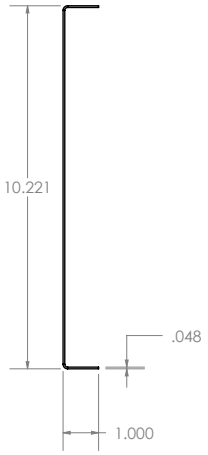


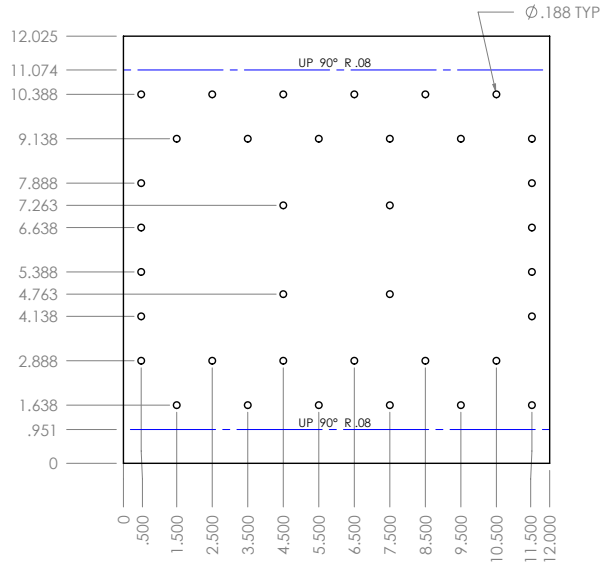
PANELIZING CLIP-4

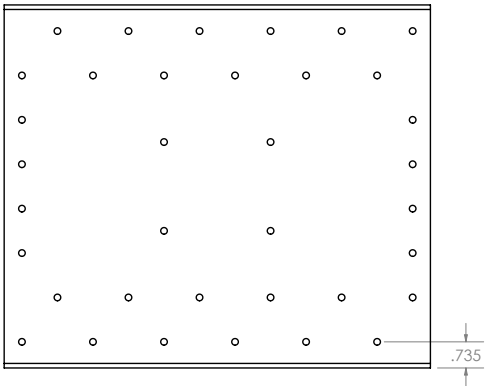
PART NO. **PC-4**

GALVANIZED STEEL - 18GA





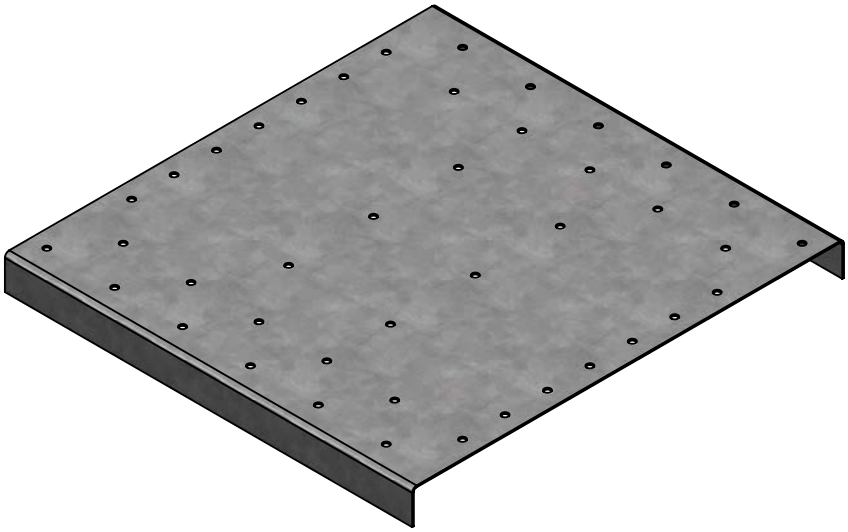


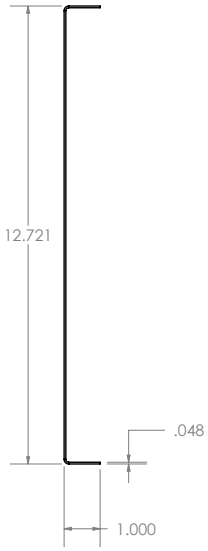


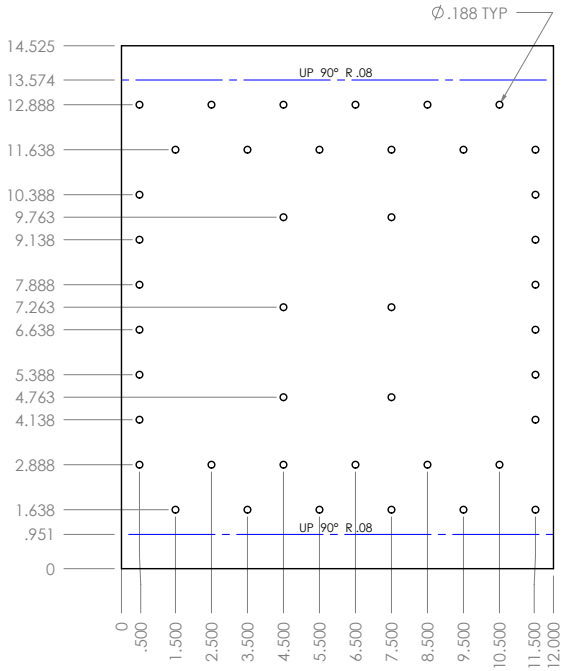
PANELIZING CLIP-5

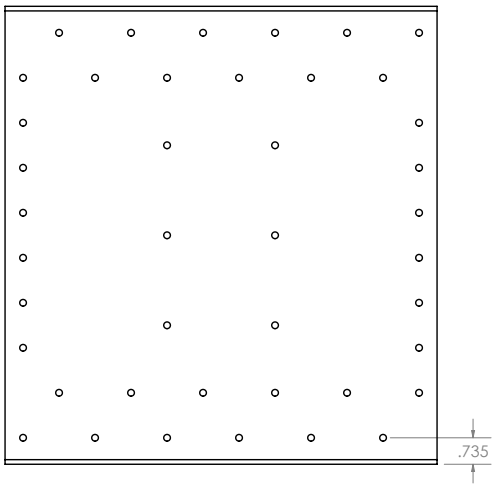
PART NO. **PC-5**

GALVANIZED STEEL - 18GA





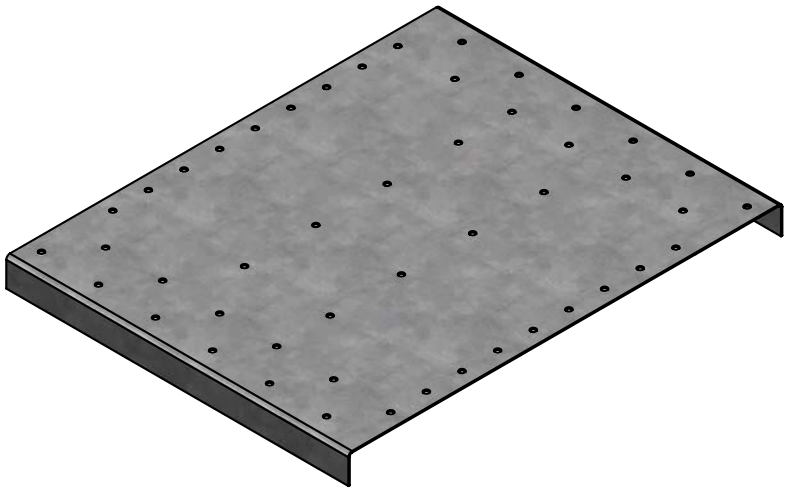


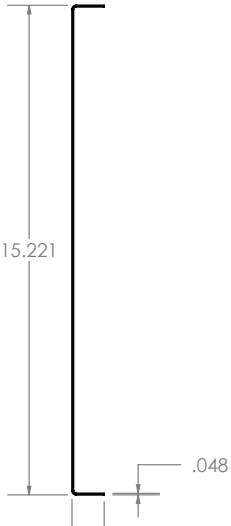


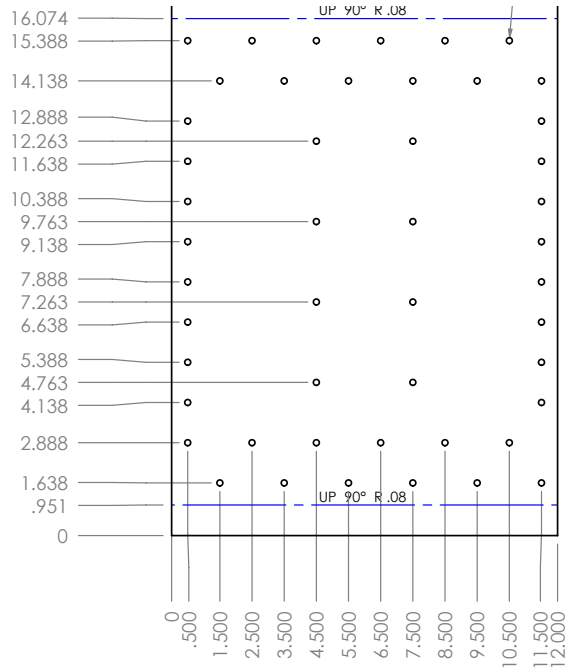
PANELIZING CLIP-6

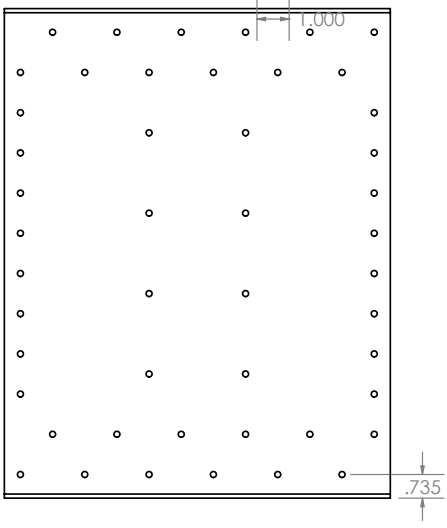
PART NO. **PC-6**

GALVANIZED STEEL - 18GA





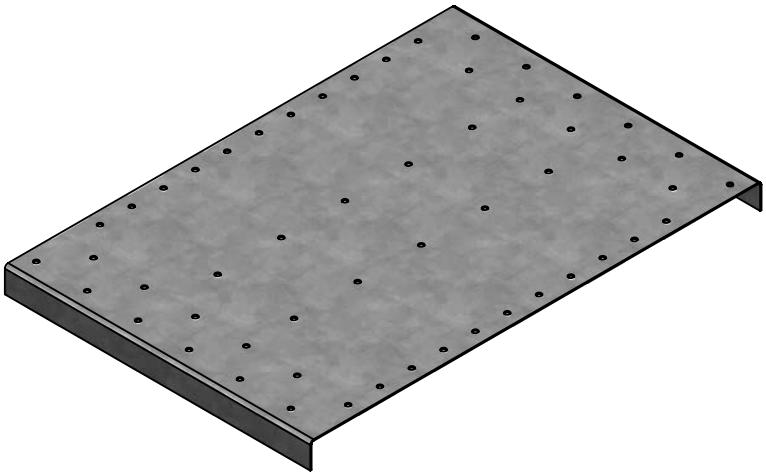


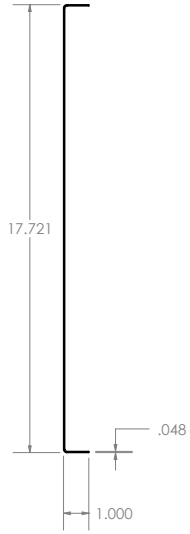


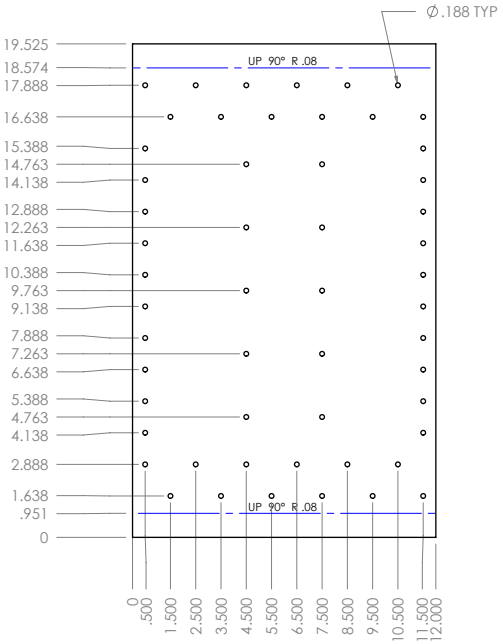
PANELIZING CLIP-7

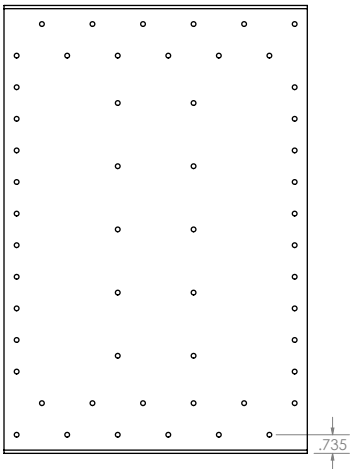
PART NO. **PC-7**

GALVANIZED STEEL - 18GA









DIAPHRAGM CLIP

PART NO. DIA-C

GALVANIZED STEEL - 18GA