

VA FORM 08 - 6231

 Schedule - Shearwall

 MARK
 SHEATHING
 # OF SIDES
 PERIMETER NAILING
 SOLE PLATE FASTENING
 ANCHOR BOLT FASTENING

 SW1
 7/16" RATED
 1
 0.131" DIA. x 2 1/2 @ 6" O.C.
 2 - ROWS 0.162" DIA. x 3 1/2" @ 1'-0" O.C.
 5/8" DIA. @ 4'-0" O.C.

 SW2
 7/16" RATED
 1
 0.131" DIA. x 2 1/2 @ 4" O.C.
 2 - ROWS 0.162" DIA. x 3 1/2" @ 8" O.C.
 5/8" DIA. @ 3'-0" O.C.

SHEARWALL SCHEDULE NOTES:

- 1. FASTENERS SHALL BE A MINIMUM 0.131" DIA. x 2 1/2' COMMON OR GALVANIZED (HOTDIPPED) BOX NAILS OR #10 SCREWS.
- 2. BACK ALL PANEL EDGES WITH 2x BLOCKING MINIMUM.
- 3. GYPSUM & RATED SHEATHING PANEL EDGES TO BE FASTENED AS NOTED. INTERMEDIATE
- SUPPORTS SHALL BE FASTENED @ 1'-0" O.C.

 4. WHERE PANELS ARE APPLIED ON 2 SIDES OF WALL PANEL JOISTS SHALL BE OFFSET TO FALL

SCREW ACNHORS WITH A MINIMUM OF 3 1/4" EMBED U.O.N.

- ON DIFFERENT FRAMING MEMBERS. ALTERNATIVLEY WHERE PANEL JOINTS CAN NOT BE STAGGERED THE WIDTH OF THE FACE OF FRAMING MEMBERS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES WITH PANEL EDGE NAILING STAGGERED.
- 5. 7/16" RATED SHEATHING SHALL BE EXPOSURE NO.1, WITH A 24/16 SPAN RATING. 19/32" RATED SHEATHING SHALL BE EXPOSURE NO. 1, WITH A 32/16 SPAN RATING.
- 6. SHEATHING TO EXTEND FROM THE FLOOR TO THE FLOOR OR ROOF SHEATHING ABOVE.
- 7. AS A BASIS OF DESIGN, ANCHOR BOLTS FOR SHEARWALLS SHALL BE SIMPSON "TITEN HD"
- 8. AS A BASIS OF DESIGN, 2x6 WALLS SHALL HAVE SIMPOSN "BPS 5/8-6" BEARING PLATE WASHER AT EACH ANCHOR BOLT.

| Schedule - Beams & Headers | | | | | | | |
|----------------------------|--|---|----------|-------------|--|--|--|
| MARK | BEAM / HEADER SIZE JACK KING STUD # STUD # | | COMMENTS | | | | |
| | | | | | | | |
| B1 | 2 - 2x12 | | | S.D. 2/S401 | | | |
| H1 | 3 - 2x8 | 2 | 1 | S.D 3/S401 | | | |
| H2 | 3 - 2x10 | 2 | 1 | S.D. 3/S401 | | | |

BEAM / HEADER SCHEDULE NOTES:

PROVIDE SIMPSON "LUS28-2" FACEMOUNT HANGER AT EACH END OF "B1".
 "B1" SHALL FRAME INTO FLOOR JOISTS AT BOTH SIDES.

| Schedule - Holdowns | | | | | | | |
|---------------------|-------------------|---------------------|---------------------|----------------------------|-------------|--|--|
| MARK | HOLDOWN TYPE | ANCHOR POST SIZE | ANCHOR BOLT SIZE | "E" MINIMUM EMBED DEPTH | COMMENTS | | |
| HD1 | 1 - SIMPSON DTT2Z | 2 - 2x6 | 1/2" DIA. | 6" | S.D. 5/S301 | | |
| HD2 | 1 - SIMPSON HDU8 | 3 - 2x6 | 7/8" DIA. | 6" | S.D. 5/S301 | | |

HOLDOWN SCHEDULE NOTES:

- 1. ALL ANCHOR POSTS TO BE DF-L. #2 GRADE U.O.N.
- 2. ALL "HD" HOLDOWN ANCHOR BOLTS MAY BE INJECTION ADHESIVE ANCHORS U.O.N.
- 3. ANCHOR BOLT NUTS TO BE SNUG TIGHT PLUS 1/2 TURN.
- 4. PROVIDE 3" x 3" x .229" WASHER BETWEEN SILL PLATE & NUT @ ALL HOLDOWN ANCHORS.

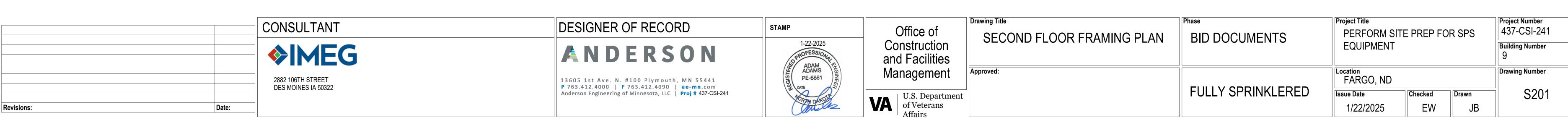
SHEET NOTES:

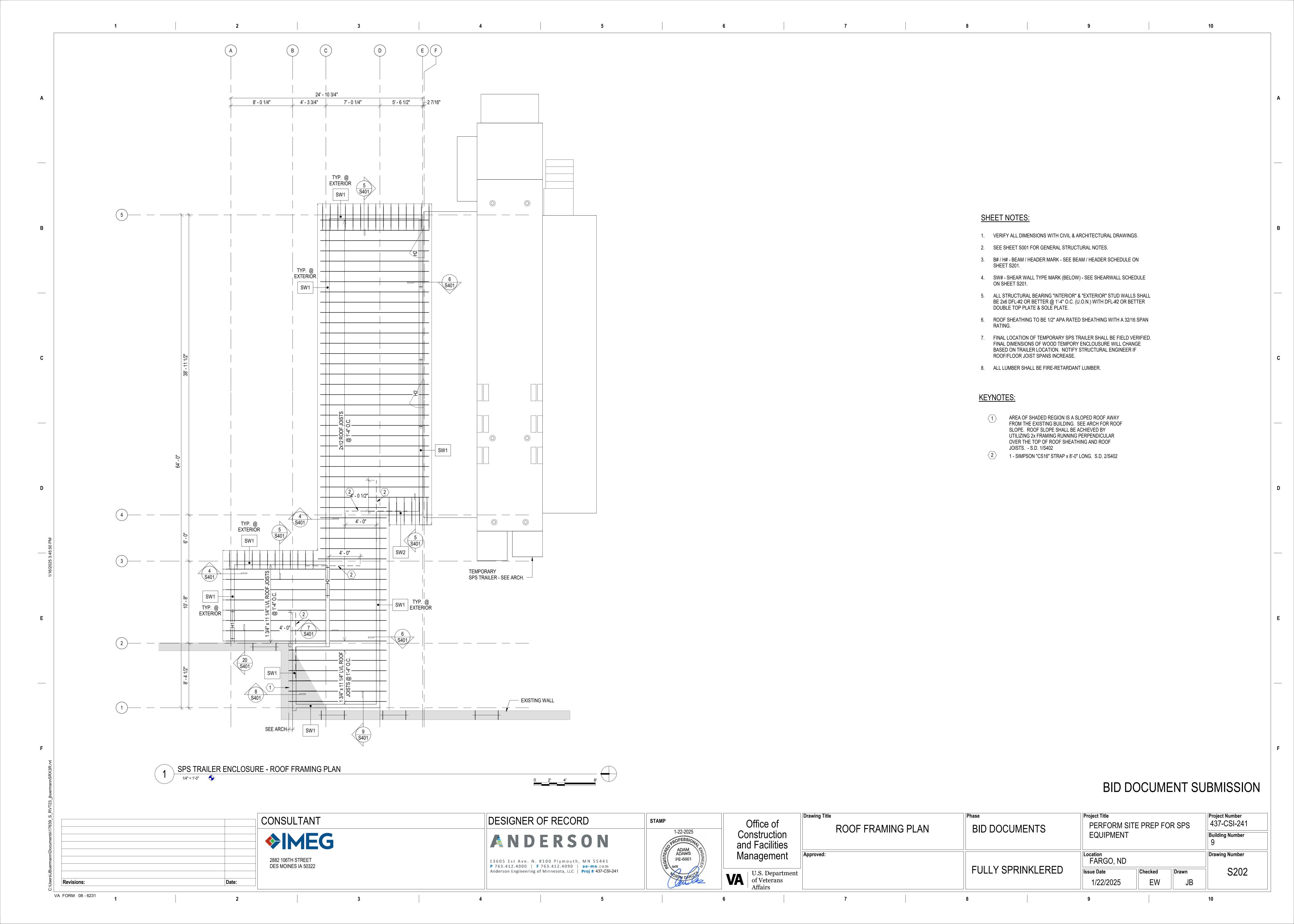
- 1. VERIFY ALL DIMENSIONS WITH CIVIL & ARCHITECTURAL DRAWINGS.
- 2. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES.
- 3. B# / H# BEAM / HEADER MARK SEE BEAM / HEADER SCHEDULE ON THIS
- 4. SW# SHEAR WALL TYPE MARK (BELOW) SEE SHEARWALL SCHEDULE ON THIS SHEET.
- 5. ALL STRUCTURAL BEARING "INTERIOR" & "EXTERIOR" STUD WALLS SHALL BE 2x6 DFL-#2 OR BETTER @ 1'-4" O.C. (U.O.N.) WITH DFL-#2 OR BETTER DOUBLE TOP PLATE & SOLE PLATE.
- 6. FLOOR SHEATHING TO BE 3/4", TONGUE & GROOVE, APA RATED SHEATHING WITH A 48/24 SPAN RATING.
- 7. HD# HOLDOWN MARK SEE HOLDOWN SCHEDULE ON THIS SHEET.
- 8. FINAL LOCATION OF TEMPORARY SPS TRAILER SHALL BE FIELD VERIFIED. FINAL DIMENSIONS OF WOOD TEMPORY ENCLOUSURE WILL CHANGE BASED ON TRAILER LOCATION. NOTIFY STRUCTURAL ENGINEER IF ROOF/FLOOR JOIST SPANS INCREASE.
- 9. ALL LUMBER SHALL BE FIRE-RETARDANT LUMBER.

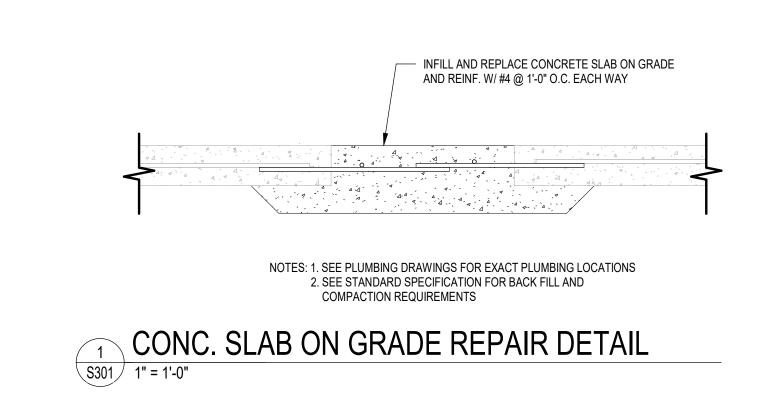
KEYNOTES:

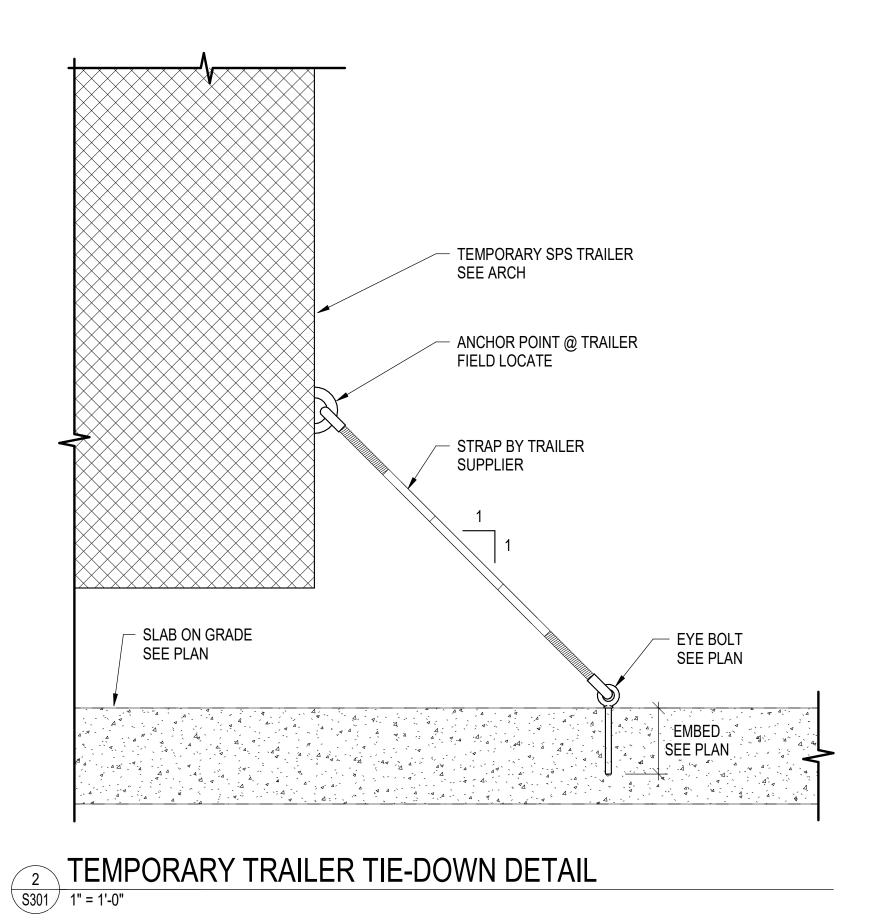
- RAMP TO BE BUILT ON TOP OF FLOOR DECK WITH 2-2x8 RAMP JOISTS @ 2'-0" O.C. THE MAXIMUM SPAN OF THE 2-2x8 JOIST IS 8'-0". PROVIDE 2x STUD WALL TO REDUCE SPAN OF 2-2x8 RAMP JOISTS. SEE ARCH FOR SLOPE AND DIMENSIONS. S.D. 17/S401, 18/S401,
- MECH/ELEC PENETRATION SEE ARCH FOR FINAL
- 2x12 FLOOR JOIST SHALL FRAME INTO "B1" WITH SIMPSON "LUS28" FACEMOUNT HANGER.

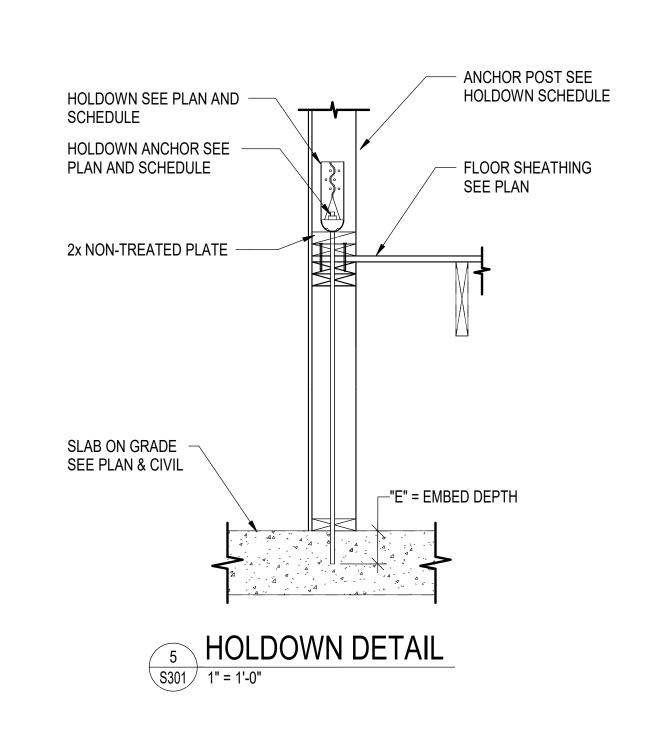
BID DOCUMENT SUBMISSION

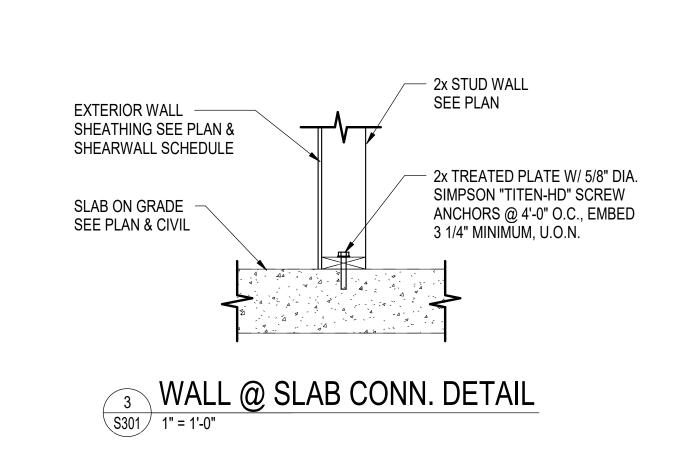


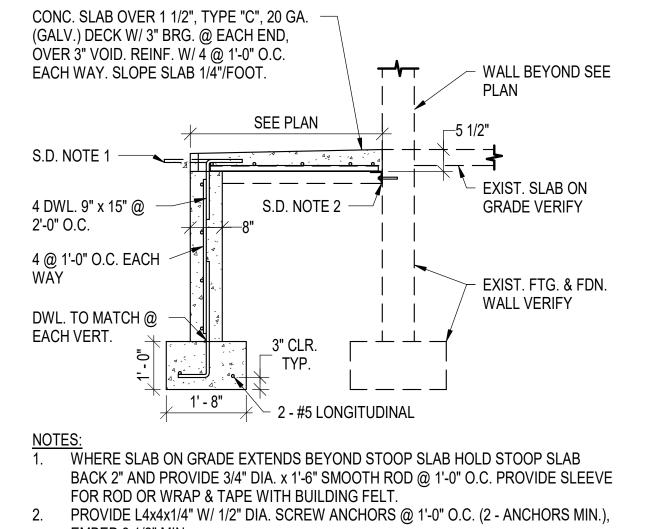












3. SEE CIVIL RESTORATION PLAN FOR LOCATION OF NEW STOOP @ EXISTING BUILDING.

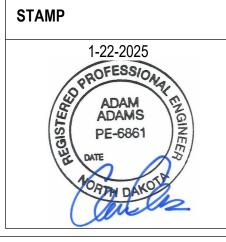
4 STOOP @ EXIST. DETAIL
| 1/2" = 1'-0"

BID DOCUMENT SUBMISSION

| Revisions: | Date: |
|------------|-------|

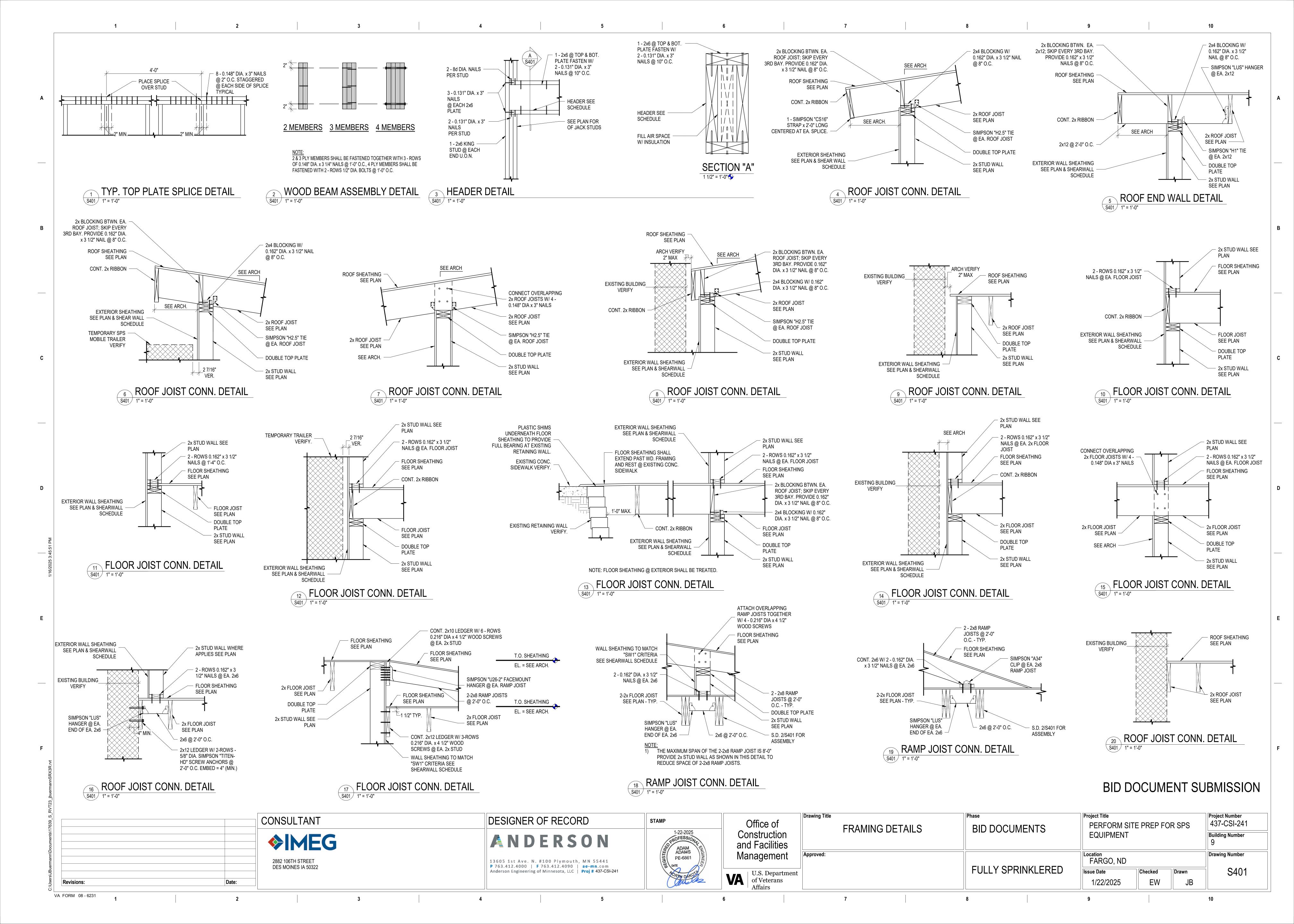
ONSULTANT **♦IMEG** 2882 106TH STREET DES MOINES IA 50322

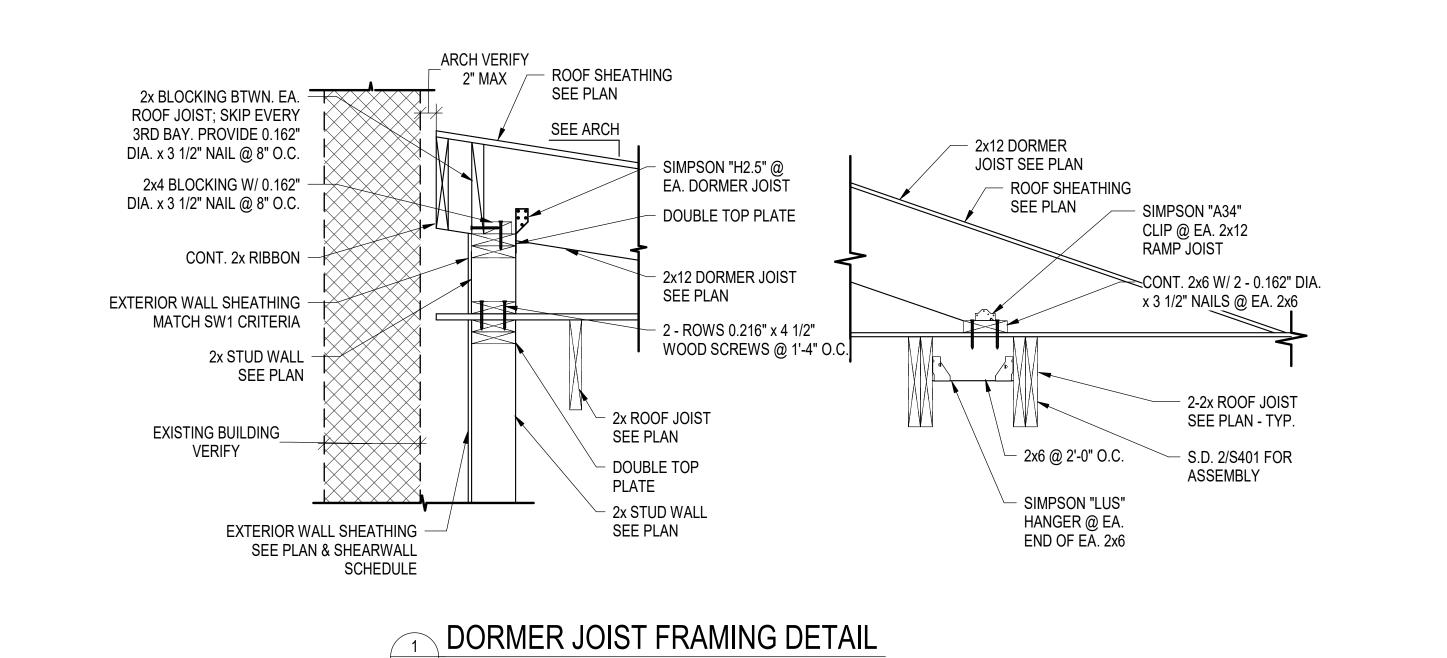
DESIGNER OF RECORD ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441
P 763.412.4000 | F 763.412.4090 | ae-mn.com
Anderson Engineering of Minnesota, LLC | Proj # 437-CSI-241



Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs

| FOOTING & FOUNDATION DETAILS | Phase BID DOCUMENTS | Project Title PERFORM SITE PREP FOR SPS EQUIPMENT | | | Project Number 437-CSI-241 | |
|--------------------------------|---------------------|---|---------|-------|----------------------------|--|
| 1 OOTHIO QT OOND/THON DET/TIEO | DID DOGGWILITO | | | | Building Number 9 | |
| Approved: | | Location FARGO, ND | | | Drawing Number | |
| | FULLY SPRINKLERED | Issue Date | Checked | Drawn | S301 | |
| | | 1/22/2025 | EW | JB | | |





VA FORM 08 - 6231

SIMPSON STRAP SEE PLAN

ROOF SHEATHING SEE PLAN

CONT. 2x6 BLOCKING

DRAG STRUT DETAIL

3402 1" = 1'-0"

BID DOCUMENT SUBMISSION

Drawing Title Project Number 437-CSI-241 Project Title CONSULTANT DESIGNER OF RECORD STAMP Office of PERFORM SITE PREP FOR SPS FRAMING DETAILS **BID DOCUMENTS** Construction and Facilities **EQUIPMENT Building Number ♦IMEG** ANDERSON ADAMS ADAMS PE-6861 Management Location FARGO, ND Drawing Number 13605 1st Ave. N. #100 Plymouth, MN 55441
P 763.412.4000 | F 763.412.4090 | ae-mn.com
Anderson Engineering of Minnesota, LLC | Proj # 437-CSI-241 2882 106TH STREET DES MOINES IA 50322 FULLY SPRINKLERED Issue Date S402 Checked Drawn VA U.S. Department of Veterans Affairs 1/22/2025 EW JB Date: Revisions:

