

**ACCESSORY BUILDING**  
18' X 20' = 360 SQ FT

**DRAWING INDEX**  
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S2 - PLANS, SHEAR WALL SCHEDULE  
S3 - SECTIONS, DETAILS

**PROJECT NOTES**

- DESIGN REQUIREMENTS**
- GOVERNING CODES: 2019 CALIFORNIA BUILDING CODE WITH LOCAL AMENDMENTS  
OCCUPANCY REQUIREMENTS: GROUP U  
RISK CATEGORY: II  
CONSTRUCTION TYPE: V-B
  - DESIGN SCHEDULE
    - BUILDING SIZE  
WIDTH: 18'-0"  
LENGTH: 20'-0"  
SIDE WALL HEIGHT: 8'-1 1/8"  
TOTAL HEIGHT: 13'-7 3/4"
    - BUILDING LOADS  
ROOF LIVE LOAD: 20 PSF  
ROOF DEAD LOAD: 10 PSF
    - DESIGN WIND  
BASIC WIND SPEED, V: 100 MPH  
WIND EXPOSURE: C
    - SEISMIC DESIGN CATEGORY: D
    - SITE CLASS: D
    - ROOF PITCH: 6/12
  - ROOFING SCHEDULE
    - ROOF SHEATHING SHALL BE APA RATED 7/16" THICK OSB WITH FOIL BACKING. STAGGER LAYOUT PER APA CONDITION 1.
    - PI #24/16 MIN UNBLOCKED.
    - SHEATHING NAILING SHALL BE PER NAILING SCHEDULE.
    - LIFETIME DIMENSIONAL ASPHALT SHINGLES (U.N.O.).
    - GAF FELT/BUSTER.
    - TYPE 'D' METAL DRIP EDGE FLASHING REQUIRED ALL SIDES.
    - TRUSSES SHALL BE SPACED @ 24" OC.
    - SEE SEPARATE TRUSS SHEETS FOR TRUSS FRAMING AND MATERIALS.
    - TRUSSES MUST BE BRACED ACCORDING TO THE LATEST EDITION OF THE BUILDING COMPONENT SAFETY INFORMATION "GUIDE TO GOOD PRACTICE OF METAL PLATE CONNECTED WOOD TRUSSES" (BCSI)
    - TRUSS CONNECTION PLATES 'EAGLE METAL PLATES'.
    - THE TRUSS PLATE INSTITUTE (TPI) (NER QA 430) IS THE INSPECTION AGENCY RESPONSIBLE FOR IN-PLANT INSPECTIONS.
    - TRUSS MANUFACTURER: TUFF SHED, INC.
  - WOOD FRAMING
    - ALL HEADERS ARE HEM FIR (HF) #2 (U.N.O.).
    - ALL WALL FRAMING MEMBERS SHALL BE HEM-FIR (HF) STUD GRADE OR BETTER.
    - STUDS SHALL BE SPACED @ 16" OC.
    - FASTEN EXTERIOR WALL SHEATHING TO FRAMING PER NAILING SCHEDULE.
    - PROVIDE SOLID BLOCKING AT ALL HORIZONTAL JOINTS OCCURRING IN BRACED WALL PANELS.
    - SHEAR WALL MATERIAL SHALL BE AS SPECIFIED IN SHEAR WALL SCHEDULE.
    - SHEAR WALL NAILING SHALL BE AS SPECIFIED IN SHEAR WALL SCHEDULE.
    - LAMINATED VENEER LUMBER (LVL) SHALL BE LVL 2.0E-2600 F<sub>b</sub> WITH THE FOLLOWING DESIGN VALUES: F<sub>b</sub> = 2600 PSI, F<sub>v</sub> = 1555 PSI, F<sub>v</sub> = 285 PSI, F<sub>cl</sub> = 2510 PSI, F<sub>cl</sub> = 750 PSI, E = 2.0 x 10<sup>6</sup> PSI, SG= 0.50
  - SOIL
    - MIN. REQUIRED SOIL TYPE SHALL BE CLAY, SANDY CLAY, SILTY CLAY, OR CLAYEY SILT (CL, ML, MH & CH). PRESCRIPTIVE ALLOWABLE SOIL BEARING PRESSURE USED IN DESIGN IS 1500 PSF AT 12" DEEP. VALUES ARE PER TABLE 1804.2.
    - ALL FOOTINGS SHALL BE FOUNDED ON UNDISTURBED NATURAL SOIL.
    - IN THE EVENT EXCAVATIONS REVEAL UNFAVORABLE CONDITIONS, THE SERVICES OF A SOILS ENGINEER MAY BE REQUIRED.
  - PERMIT
    - PERMIT APPLICATIONS, WHERE NO PERMIT IS ISSUED, SHALL EXPIRE PER LIMITATIONS SET BY LOCAL CODES.
    - JOB CARD REQUIRED TO BE AVAILABLE FOR SIGNATURE AT JOB SITE
- GENERAL NOTES**
- GENERAL:
    - ERECTION PROCEDURES SHALL CONFORM TO OSHA STANDARDS. BUILDER SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES, TREES, UTILITIES, ETC.
    - BUILDER IS RESPONSIBLE FOR SAFETY OF BUILDING DURING CONSTRUCTION. PROVIDE ALL SHORING OR BRACING AS REQUIRED AND PER GOVERNING REGULATIONS.
    - ALL WOOD CONSTRUCTION CONNECTORS REFERENCED IN THIS DRAWING SHALL BE SIMPSON 'STRONG-TIE' OR EQUIVALENT AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
    - GREEN VINYL SINKER NAILS DO NOT MEET THE NAILING REQUIREMENTS OF COMMON NAILS.
  - PLYWOOD DIAPHRAGMS:  
15/32" CDX PLYWOOD OR 7/16" OSB.
  - MATERIAL EVALUATION REPORT IDENTIFICATION:
    - TRUSS CONNECTION PLATES BY EAGLE METAL PLATES PER ICC-ES REPORT #ESR-1082.
    - SMARTSIDE SIDING BY LP CORPORATION PER ICC-ES REPORT #ESR-1301.
    - HARDIEPANEL SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICC-ES REPORT #ESR-1844.
    - HARDIE LANK LAP SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICC-ES REPORT # ESR-2290.
    - LAMINATED VENEER LUMBER (LVL) BY WEYERHAEUSER PER ICC-ES REPORT #ESR-1387.
    - ASPHALT SHINGLES BY GAF PER ICC-ES REPORT #ESR-1475.
    - HDU PRE-DEFLECTED HOLD-DOWNS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2330.
    - SSTB ANCHOR BOLTS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2611.

9/24/2021

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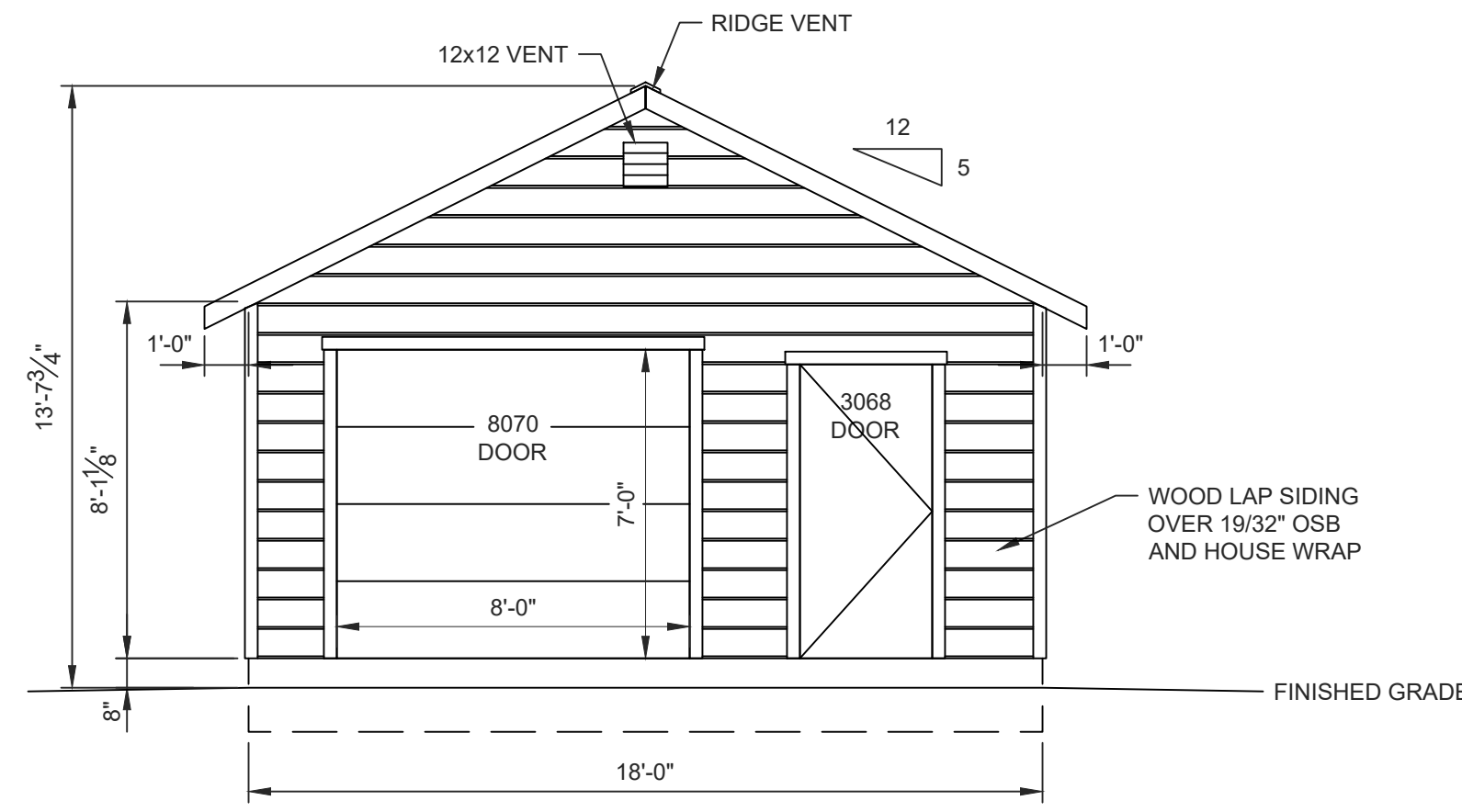
Inv. No. 1698989  
Customer: SCOTT KRAMER  
Description:  
ACCESSORY BUILDING  
18' X 20' = 360 SQ FT  
Site Address:  
1035 E. YALE AVE  
FRESNO, CA 93704

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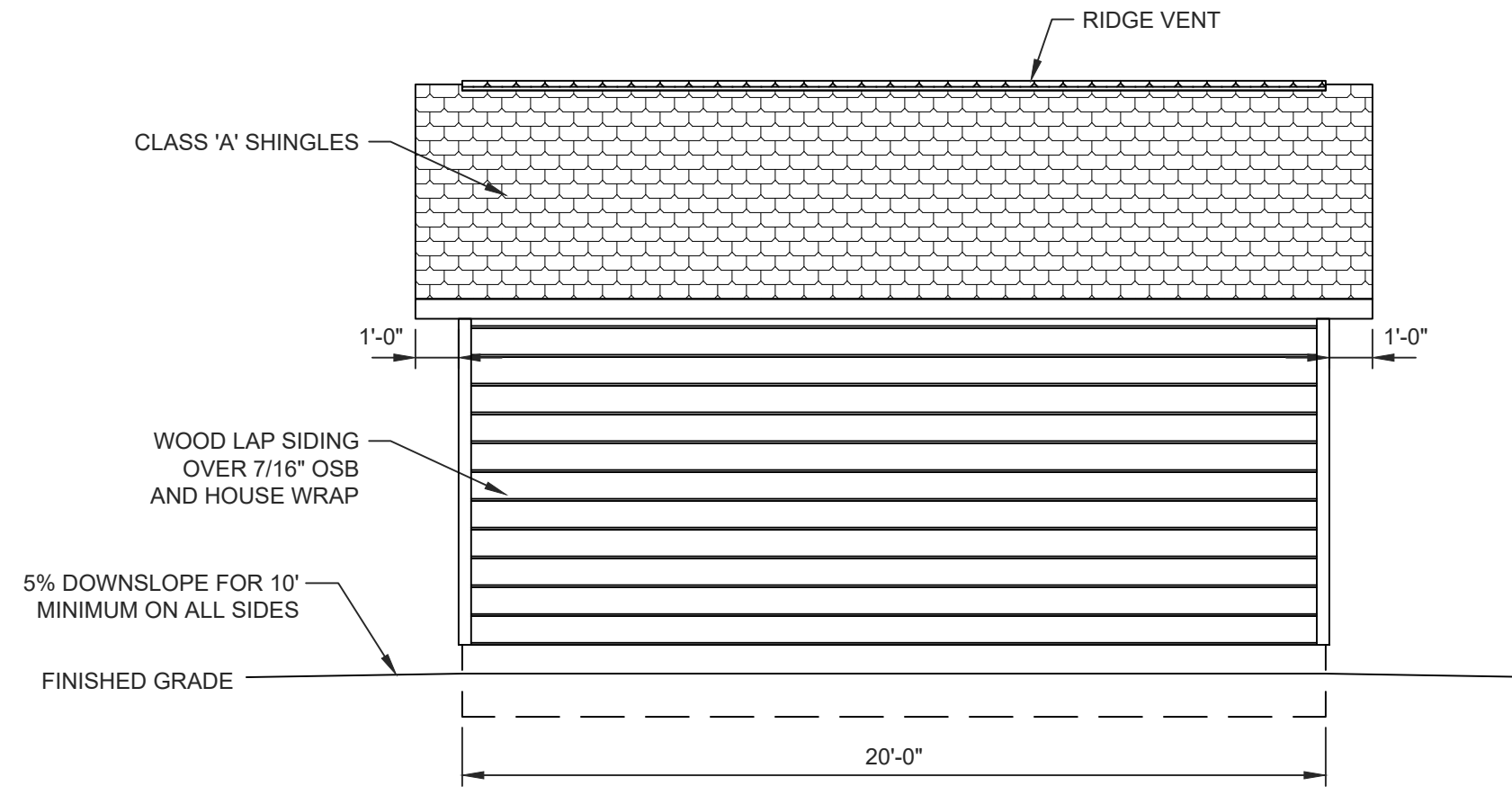
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STORE 108  
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Drawn By: PK  
Date: 7/22/21  
Checked By: JR  
Date: 9/23/21  
Revised:  
Title:  
PROJECT NOTES  
ELEVATIONS  
Scale: 1/4" = 1'-0"  
Sheet:

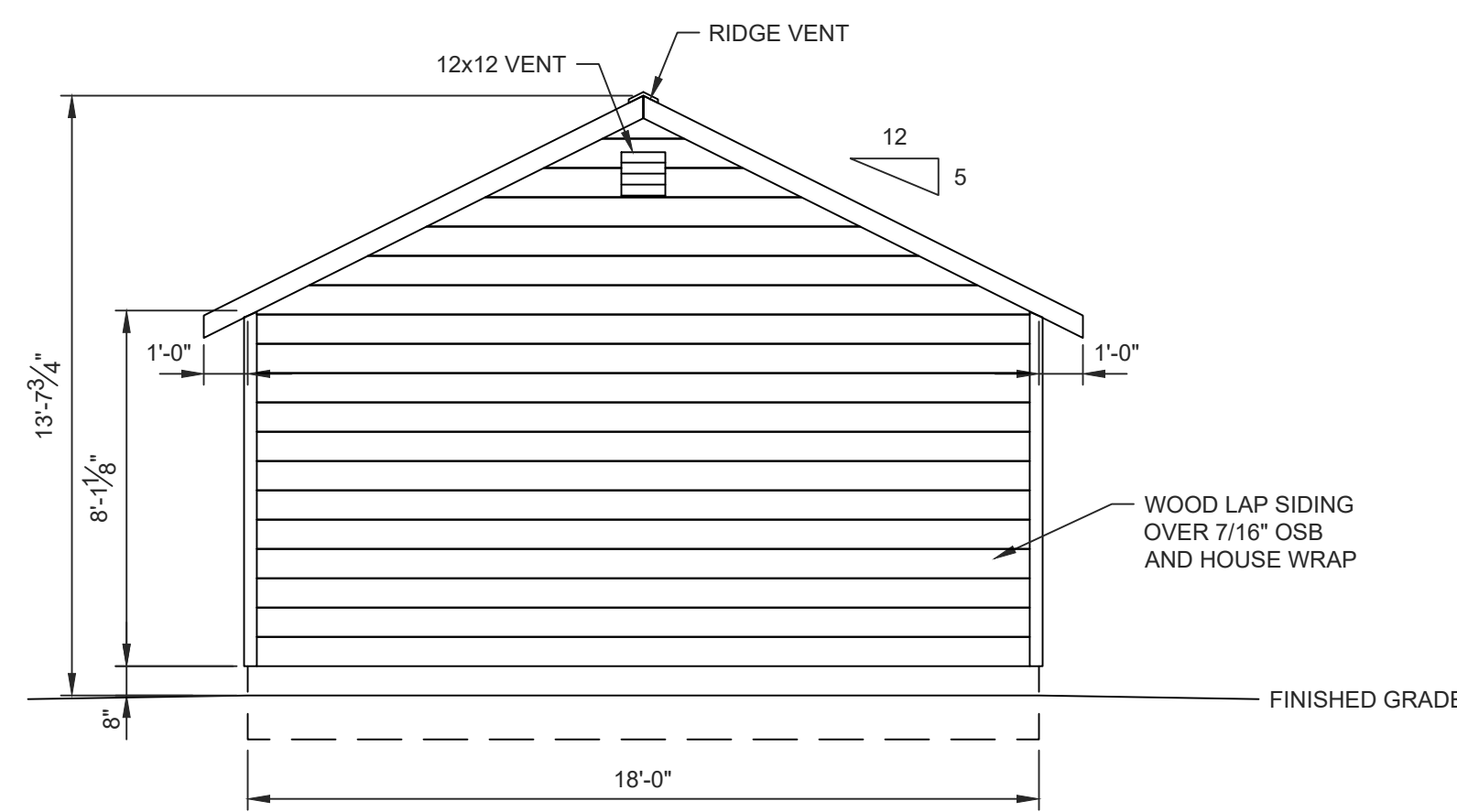
**S1**



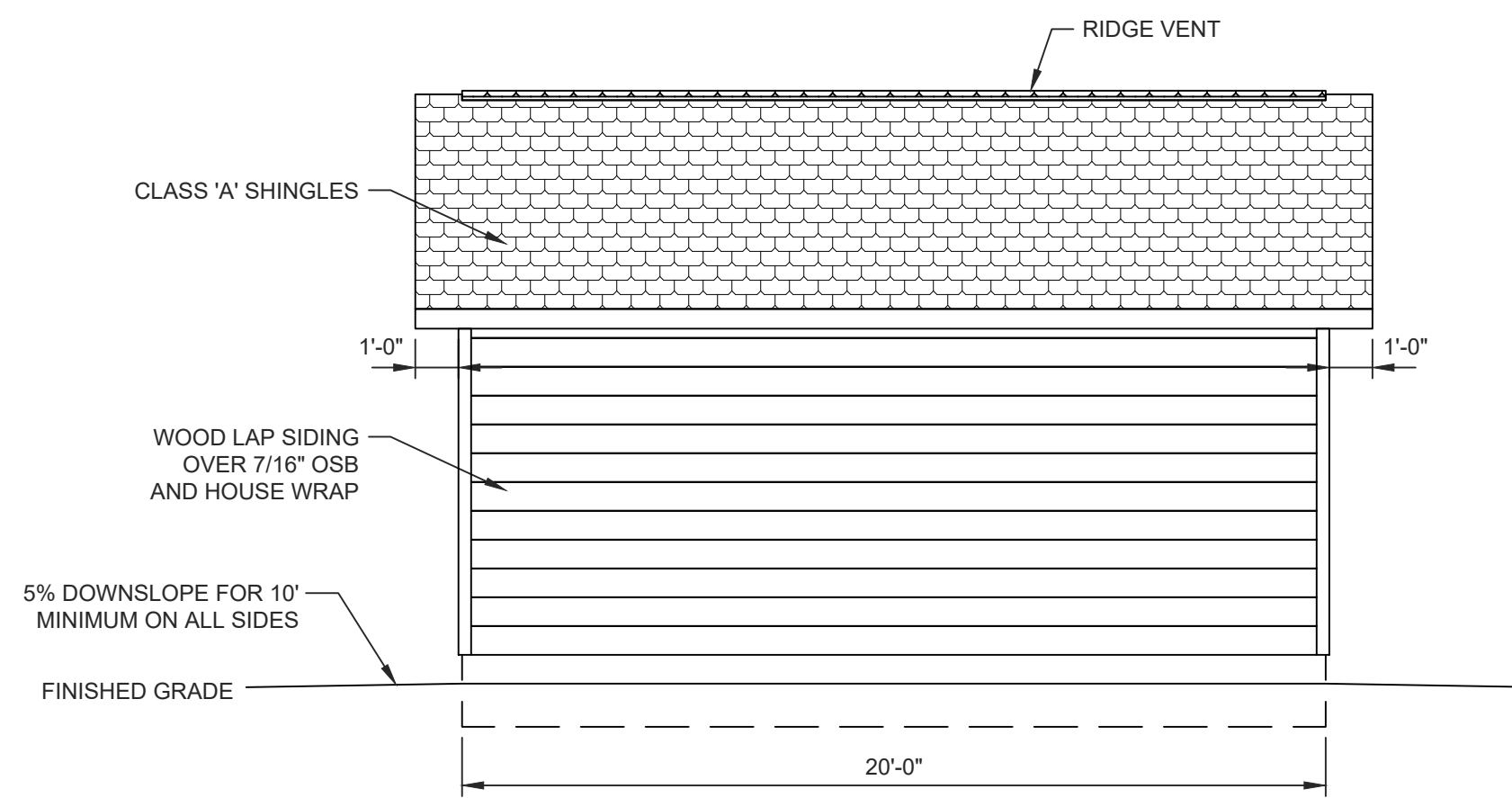
**WALL A ELEVATION**



**WALL B ELEVATION**



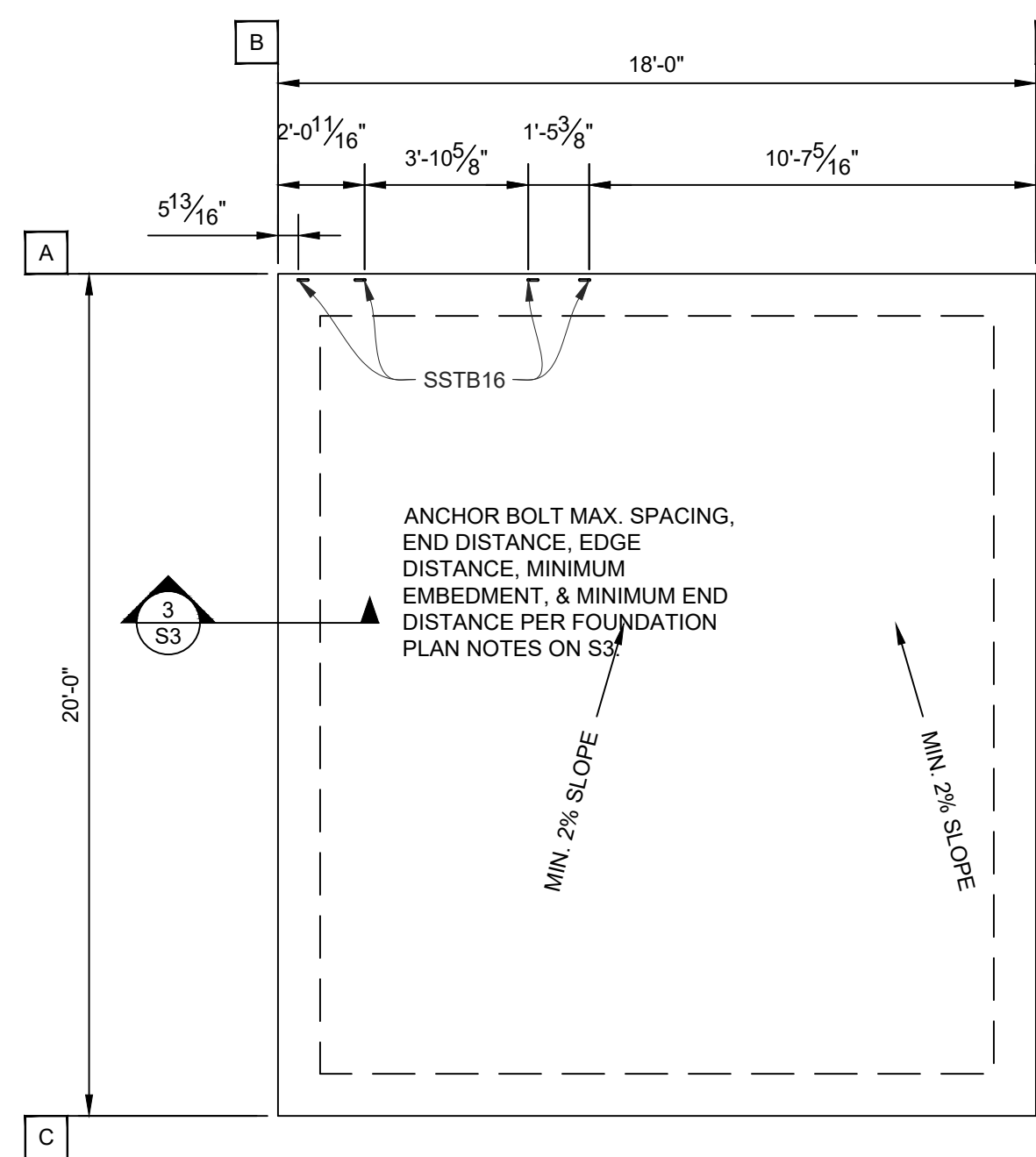
**WALL C ELEVATION**



**WALL D ELEVATION**

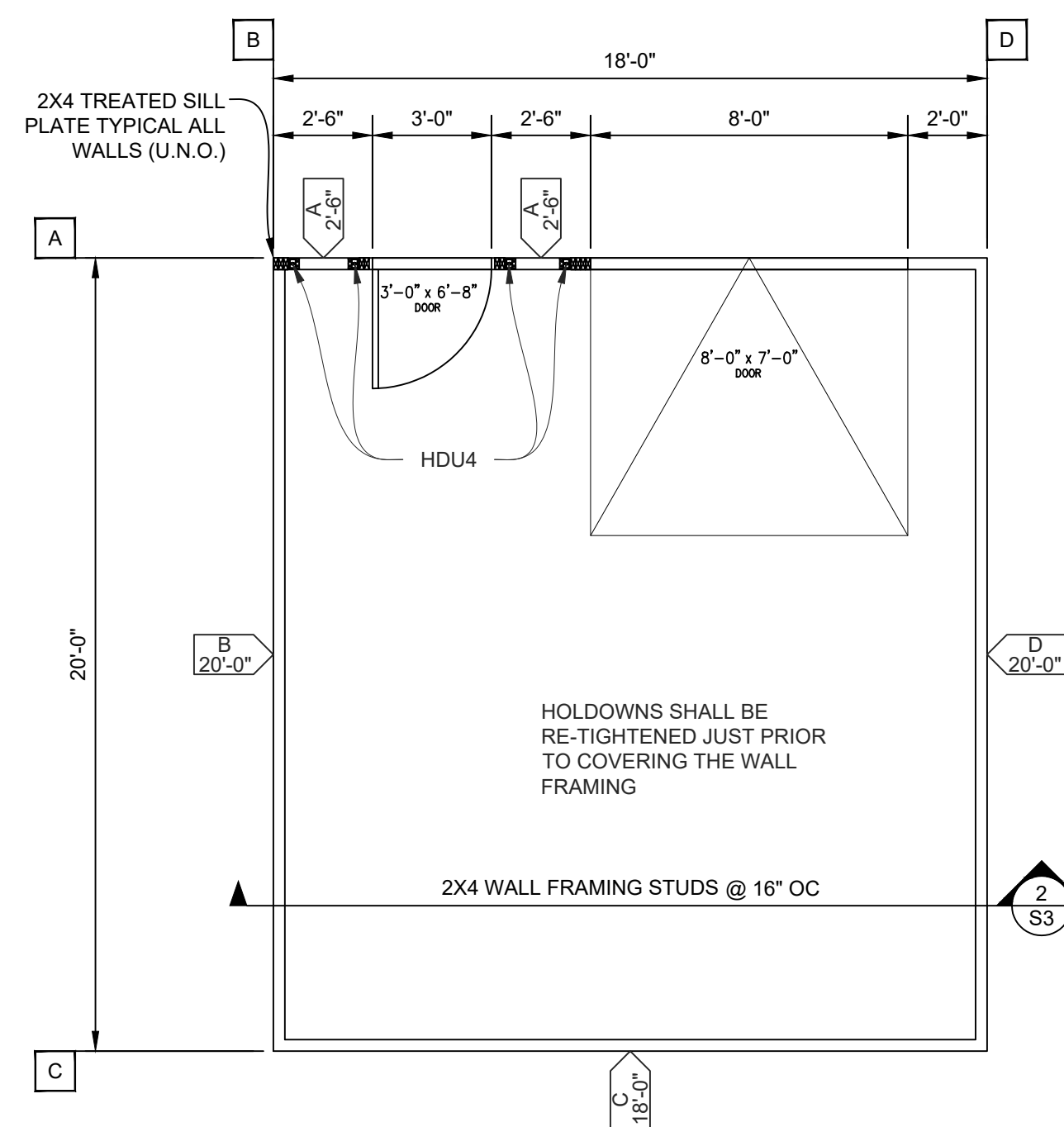
NAILING SCHEDULE		SHEAR WALL SCHEDULE		SHEAR WALL SCHEDULE	
		CALC. SHEAR LOAD (lb/ft)	ALLOW SHEAR LOAD (lb/ft)	CALC. SHEAR LOAD (lb/ft)	ALLOW SHEAR LOAD (lb/ft)
CHORD SPLICE NAILING: 8 - 16d NAILS EACH SIDE OF SPLICE. TRUSS BLOCKING: (4) - 16d (TOENAIL)					
FRAMING NAILING: STUD TO TOP PLATE, 2-16d END NAIL STUD TO SILL PLATE, 2-16d END NAIL OR 4-8d TOENAIL DBL. HEADER 16d @ 16" OC ALONG EACH EDGE HEADER TO KING STUD 4-8d TOENAIL OR 4-16d END NAIL DOUBLE TOP PLATES, 16d @ 16" FACENAIL					
<b>UNLESS SPECIFIED HEREIN, ALL NAILING SHALL BE PER 2019 CBC TABLE 2304.10.1.</b>					
UPLIFT TRANSFER: PROVIDE SIMPSON H2.5A AT EACH END OF TRUSSES.					
PROVIDE 2X4 SOLID BLOCKING ON ALL UNSUPPORTED EDGES OF PLYWOOD ON SHEAR WALLS.					
BLOCKED ROOF DIAPHRAGM ROOF SHEATHING NAILING: BORDER: 8d COMMON @ 6" OC EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC		91	167	61	167
END WALL SHEAR TRANSFER: SHEATHING AT END WALL LAPS TOP PLATE OF WALL BELOW. PROVIDE EDGE NAILING. REFERENCE <b>END WALL ASSEMBLY/S3</b> , OR BALLOON FRAME END WALLS.					
SIDING TESTED TO MEET THE REQUIREMENTS OF SECTION R703.1.1, EXCEPTION 2 OF THE 2018 IRC AND 2019 CRC. REFER TO INTERTEK LETTER REPORT NO. 104417961MID-001R1.					

WHEN PERFORATED SHEAR WALL DESIGN IS DESIGNATED, AREAS ABOVE AND BELOW OPENINGS ARE USED IN SHEAR CALCULATIONS. REFER TO THE ANSII/AWC SDPWS.

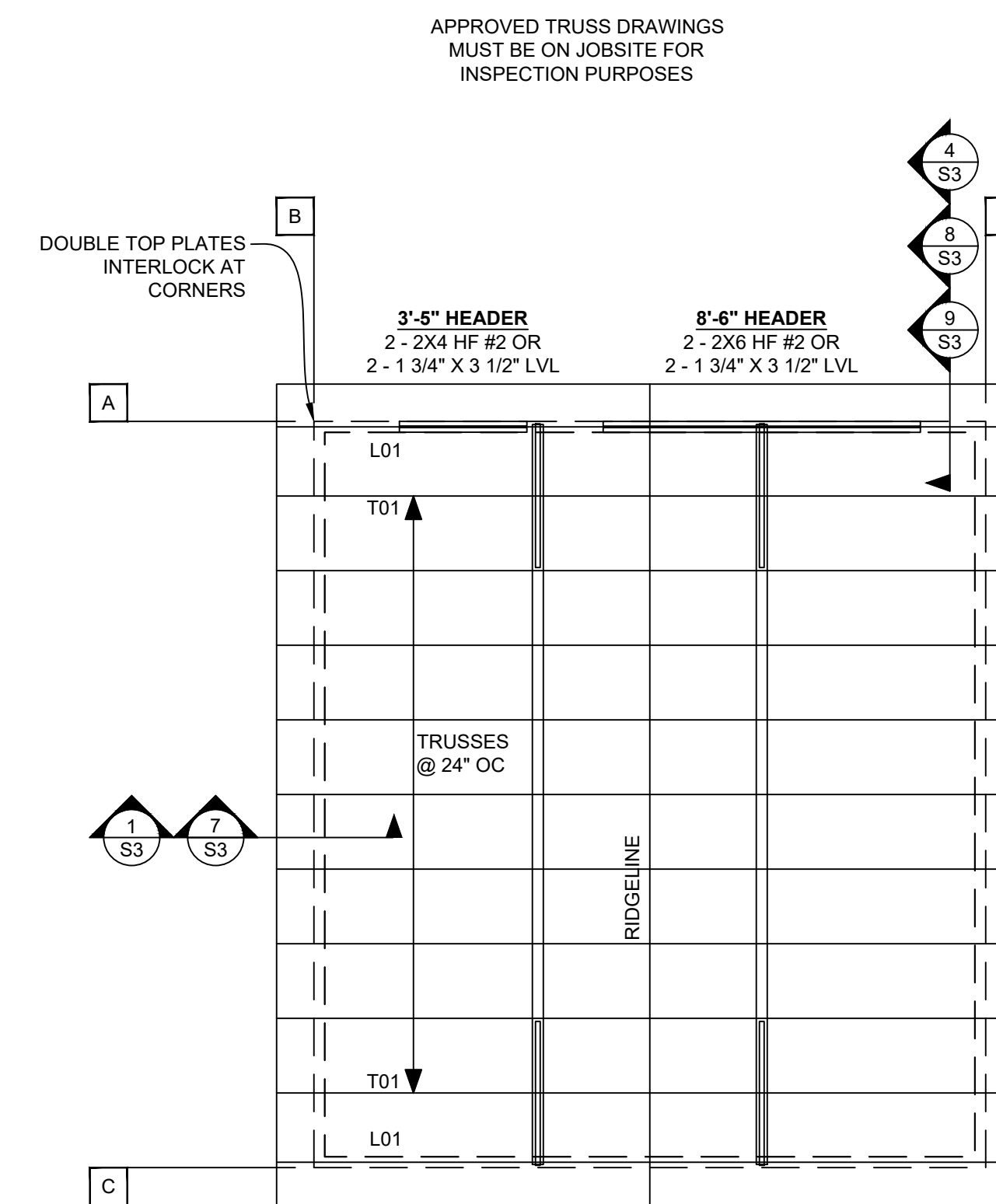


FOUNDATION PLAN

HOLD-DOWN ANCHORS SHALL BE SET AND POSITIONED IN PLACE BEFORE CALLING FOR FOUNDATION INSPECTION.



FLOOR PLAN



ROOF FRAMING PLAN

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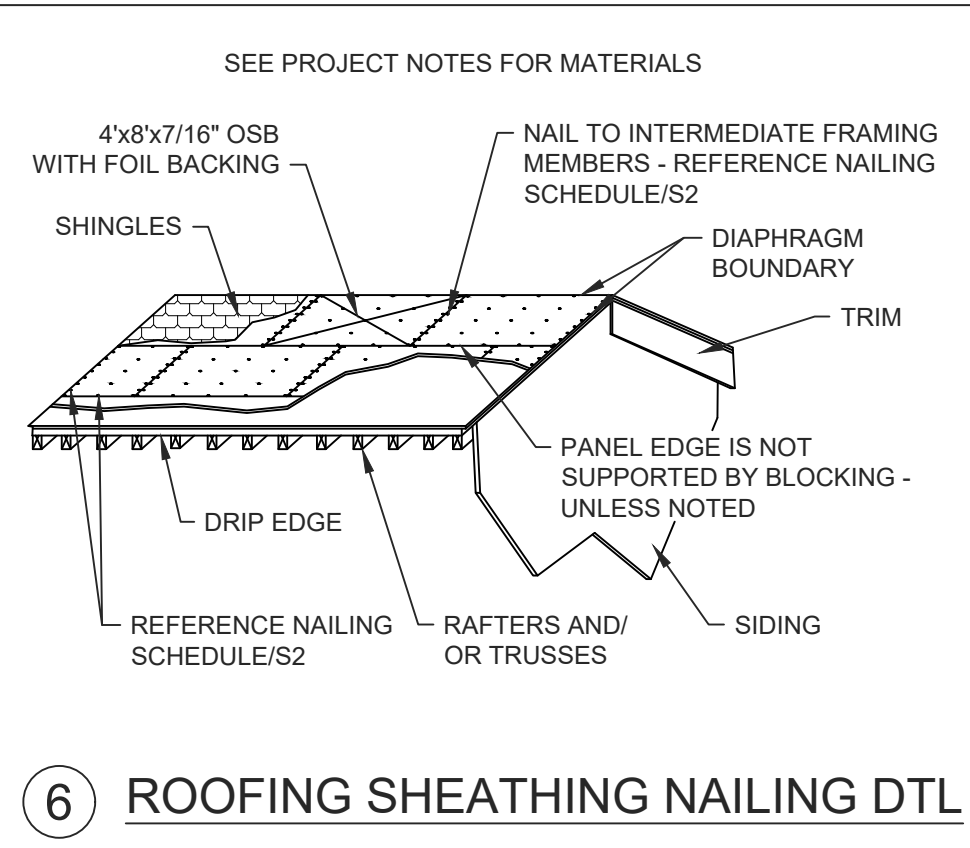
Inv. No. 1695959  
Customer: SCOTT KRAMER  
Description:  
ACCESSORY BUILDING  
18' X 20' = 360 SQ FT  
Site Address:  
OSCELE, YALE AVE  
FRESNO, CA 93704

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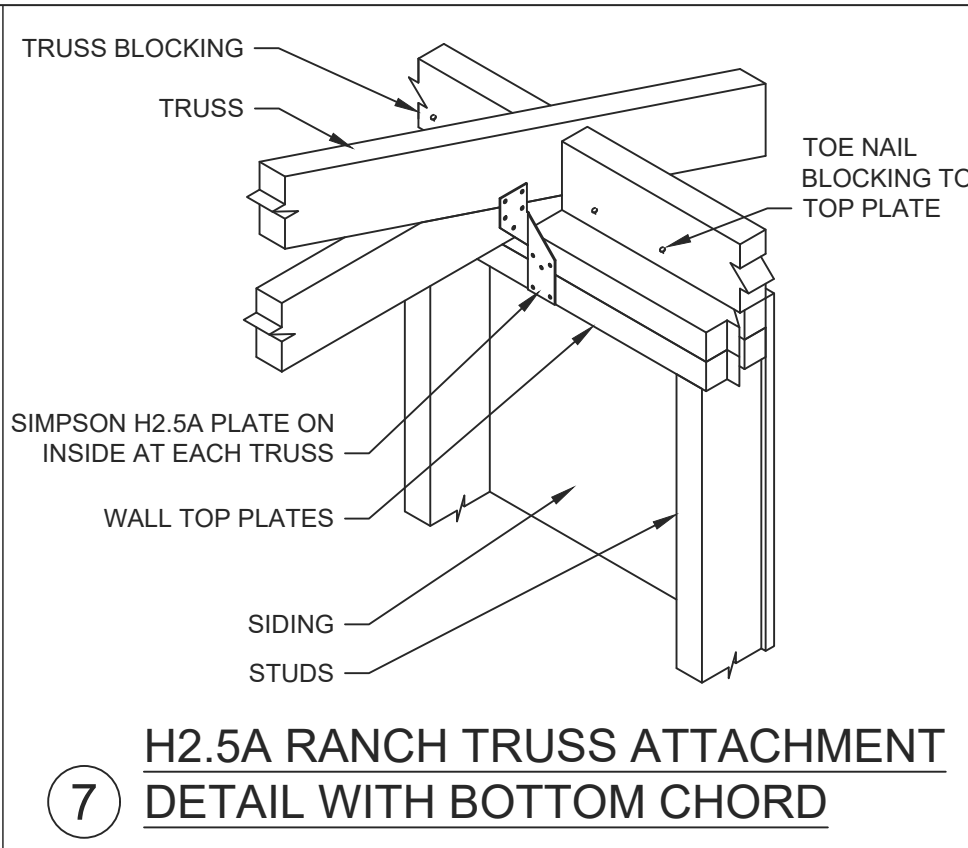
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Drawn By: PK  
Date: 7/22/21  
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Title:  
PLANS  
SHEAR WALL SCHED  
NAILING SCHEDULE  
Scale: 1/4" = 1'-0"  
Sheet:

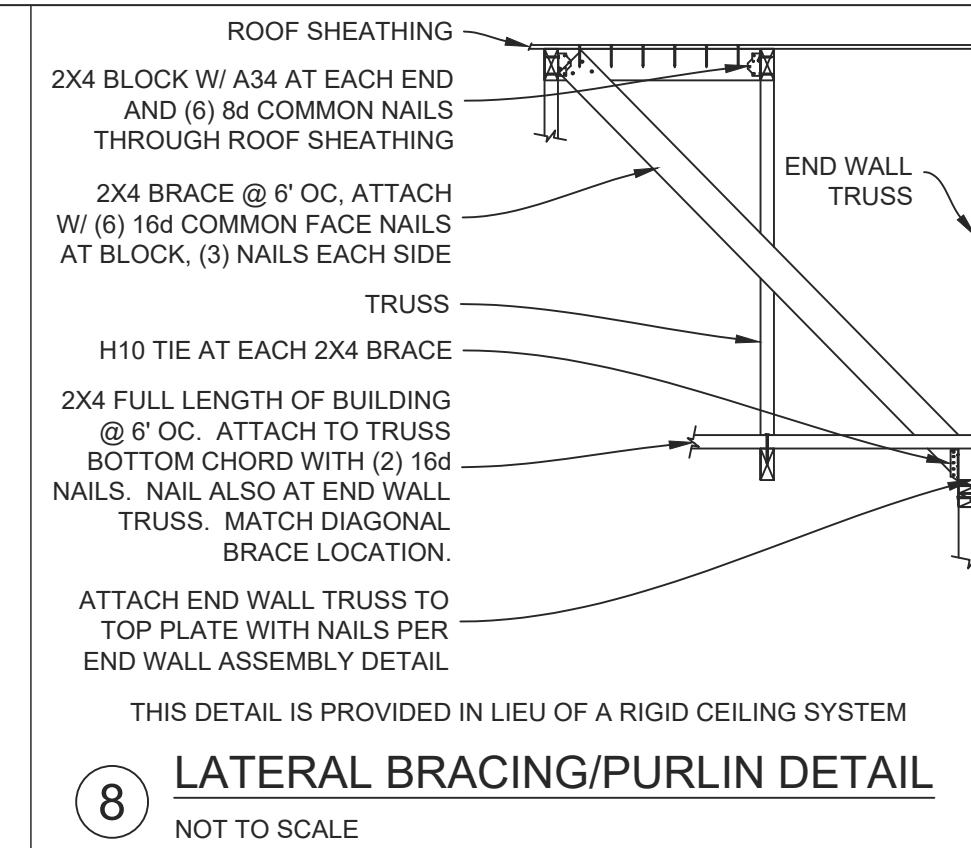
**S2**



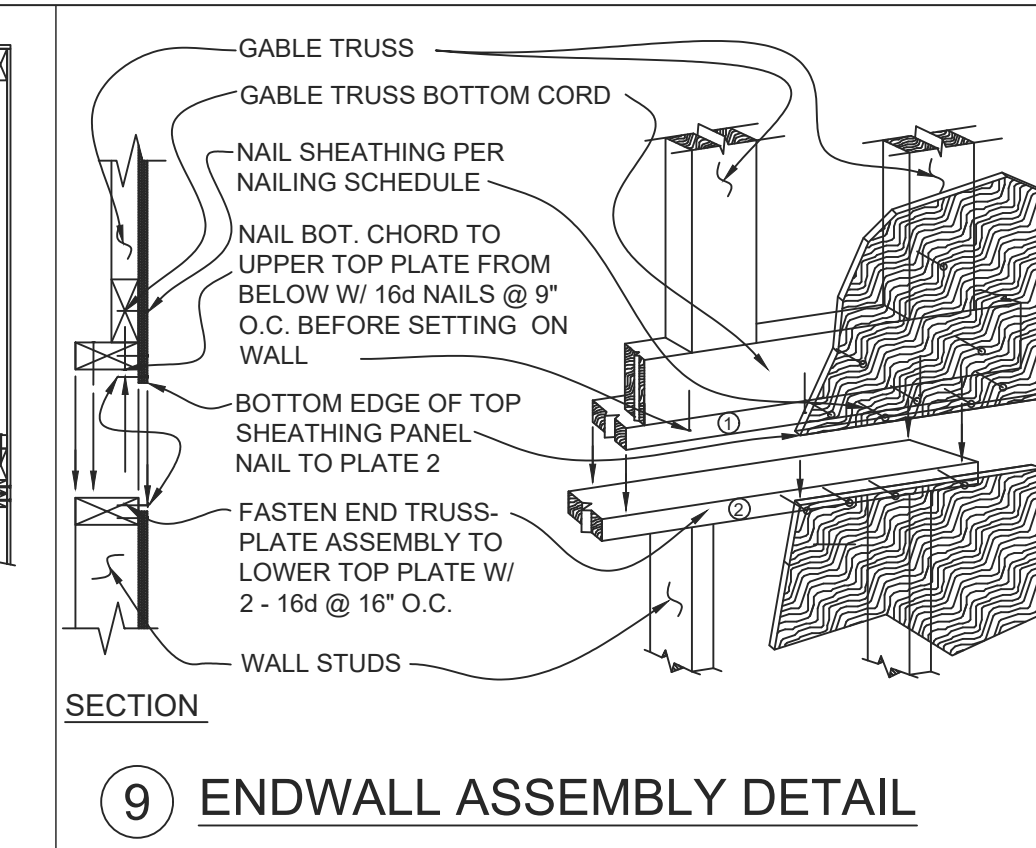
6 ROOFING SHEATHING NAILING DTL  
3/4" = 1'-0"



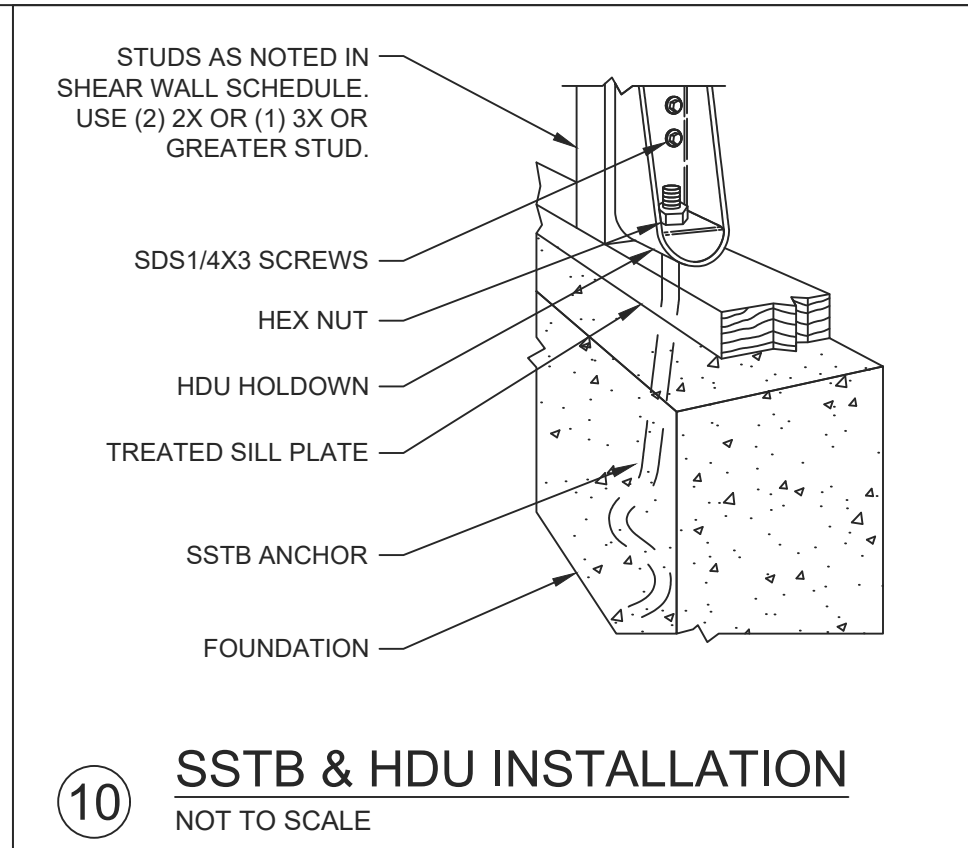
7 H2.5A RANCH TRUSS ATTACHMENT DETAIL WITH BOTTOM CHORD  
3/8" = 1'-0"



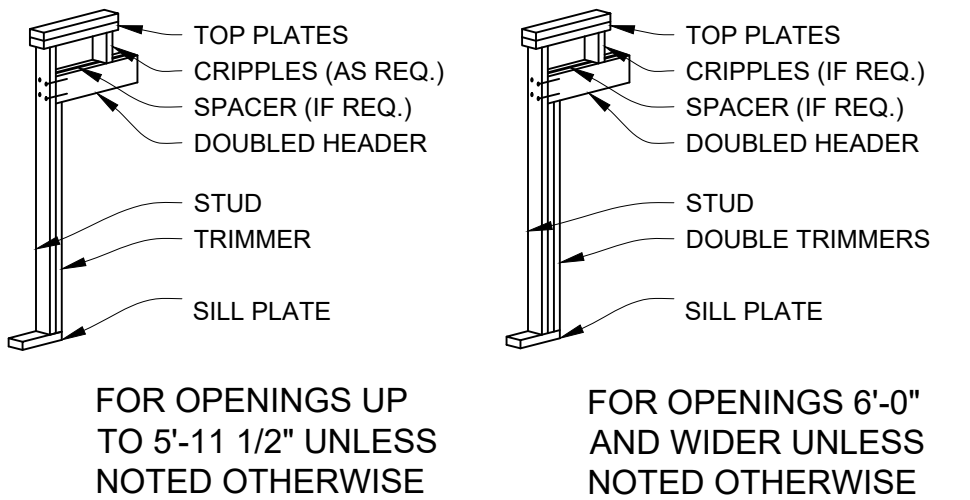
8 LATERAL BRACING/PURLIN DETAIL  
NOT TO SCALE



9 ENDWALL ASSEMBLY DETAIL  
3/4" = 1'-0" or 1/16 scale CBC

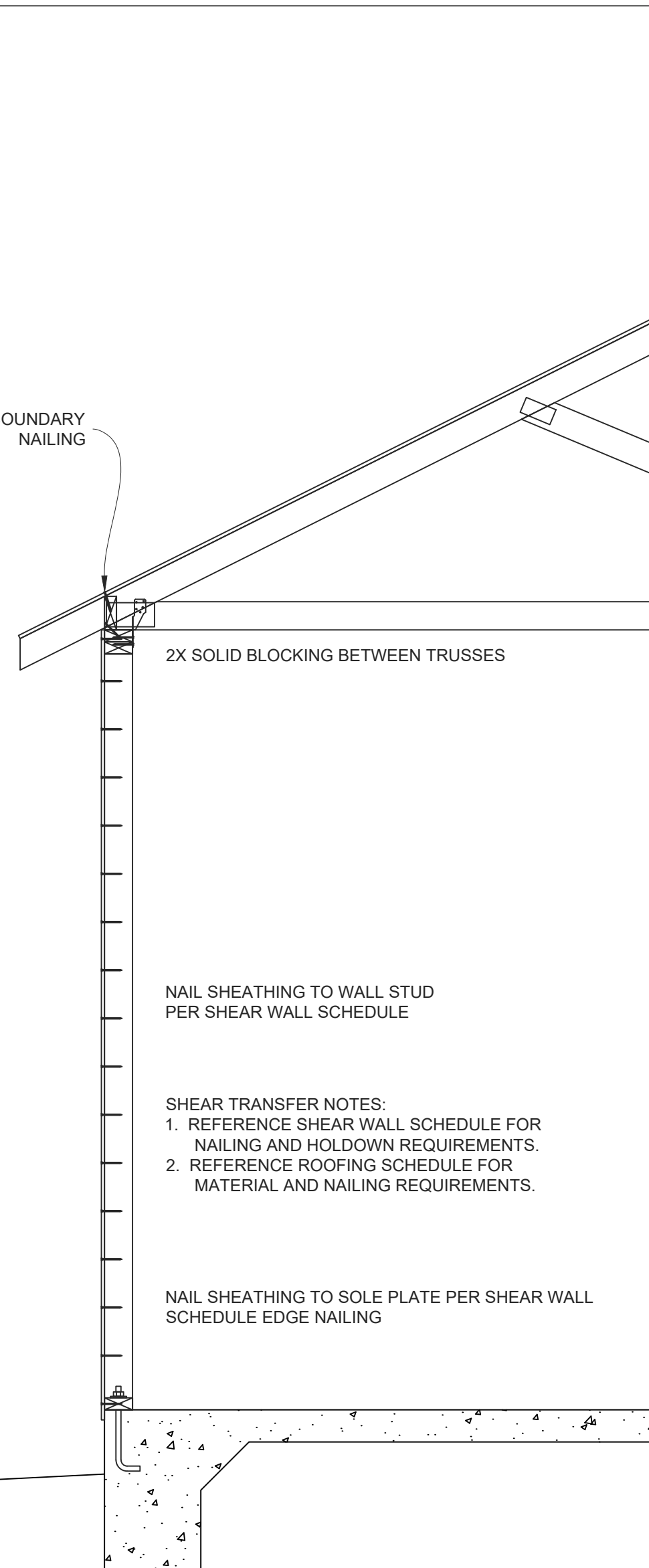


10 SSTB & HDU INSTALLATION  
NOT TO SCALE

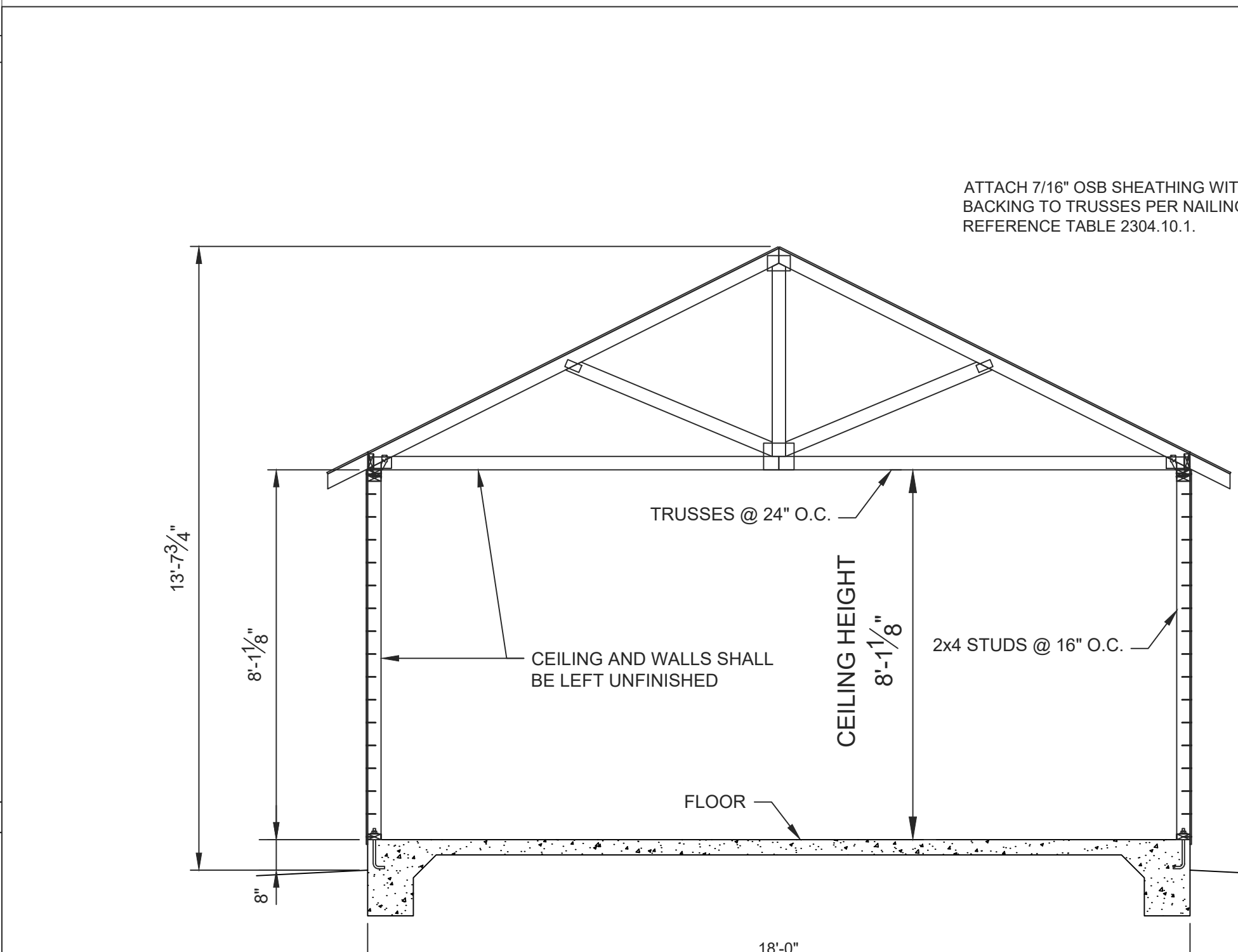


NAILING:  
HEADER TO STUD - 4-8d TOENAIL OR 4-16d END NAIL  
DOUBLED HEADER - 16d @ 16" STAGGERED FACE NAIL

5 HEADER DETAIL  
NOT TO SCALE



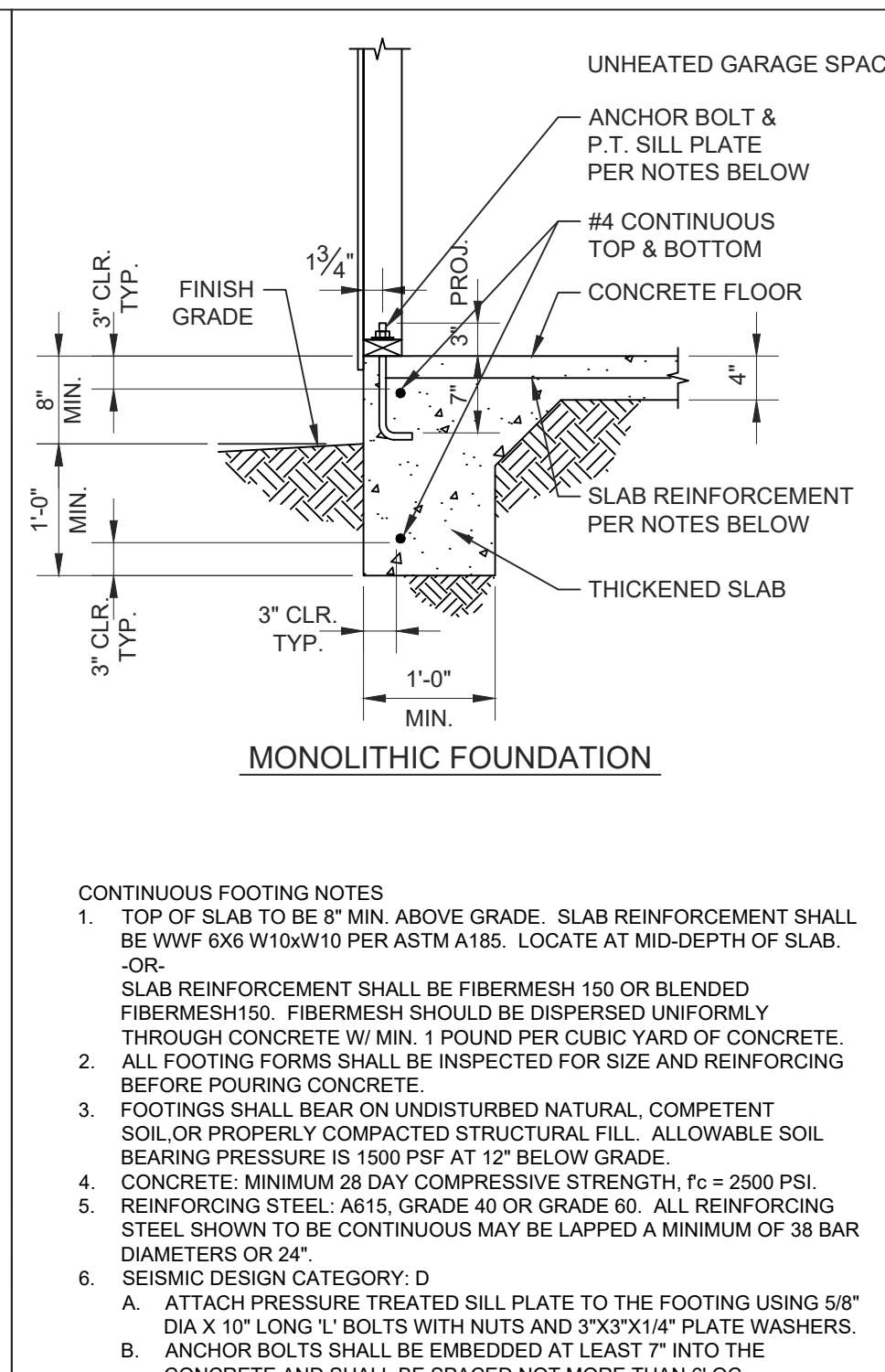
1 SHEAR TRANSFER DETAIL  
3/4" = 1'-0"



2 BUILDING SECTION  
3/8" = 1'-0"



3 CF-1 FOUNDATION DETAIL  
3/4" = 1'-0" or 1/16 scale CBC



4 CANTILEVERED LADDER FRAME OVERHANG DETAIL  
3/4" = 1'-0" or 1/16 scale CBC

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Revised:  
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-  
SECTIONS  
DETAILS  
-  
Scale: NONE  
Sheet:

**S3**  
Sheet 3 of 3