

PROJECT DATA

ASSESSOR PARCEL NUMBER #779-20-017

CUSTOMER: Scott Amarante
CordeValle Golf Club
1 CordeValle Club Drive
San Martin, CA 95046
PH (408) 695-4590

SCOPE OF WORK

INSTALLATION OF A 12' x 20' Tuff Shed for storage and utility usage.
HT. 10' - 5"

THE STORAGE SHED HAS A STEEL BASE ASSEMBLY. WILL BE ANCHORED
ON TO CONCRETE PAD (DONE BY OTHERS).

NO INTERIOR FINISHING
NO PLUMBING
NO ELECTRICAL

DRAWING INDEX

S-00	COVER SHEET
S-0	PHOTO SITE PLAN
S1	ELEVATIONS & PROJECT NOTES
S2	FOUNDATION PLAN, FLOOR PLAN, ROOF FRAMING PLAN
S3	DETAIL DRAWINGS - PRELIMINARY PLANS

PROJECT INFORMATION

APPLICABLE CODES:

2022 CALIFORNIA BUILDING, MECHANICAL, PLUMBING, ELECTRICAL CODES
CALIFORNIA GREEN BUILDING STANDARDS CODE, ENERGY CODE, AND SANTA CLARA COUNTY
ORDINANCES AND CODES.

ZONING DISTRICT: UN-INCORPORATED SAN MARTIN, CA

OCCUPANCY: A-5
TYPE OF CONSTRUCTION: VB

PROJECT CONTACT

CONTRACTOR:

TUFF SHED, INC.
3590 SNELL AVE., SUITE 20
SAN JOSE, CA 95136
PH (408) 935-8833
contact: Jason McCoy

DESIGNER:

SUZY RAINEY
PERMIT DRAFTING SOLUTIONS
1069 EDGEMERE LANE
HAYWARD, CA 94545-2603
(510) 427-4223
SUZY.RAINEYPDS@GMAIL.COM
X *Suzy Rainey*

ENGINEER:

TIMOTHY CAHALAN, P.E.
TUFF SHED INC.
1777 SOUTH HARRISON ST. STE. 600
DENVER, CO 80210
303-753-8833
EMAIL: TCAHALAN@TUFFSHED.COM

DATE 11-4-23
DRAWN BY sdr
SCALE 1/8"=1'-0"
SHEET

S-00

DESIGNER
permit • drafting • solutions
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www.permitdraftingsolutions.com
suzy.rainey.pds@gmail.com
X *Suzy Rainey*

C O V E R S H E E T

OWNER / SITE ADDRESS
CordeValle Golf Club
1 CordeValle Club
San Martin, CA 95046

SITE PLAN

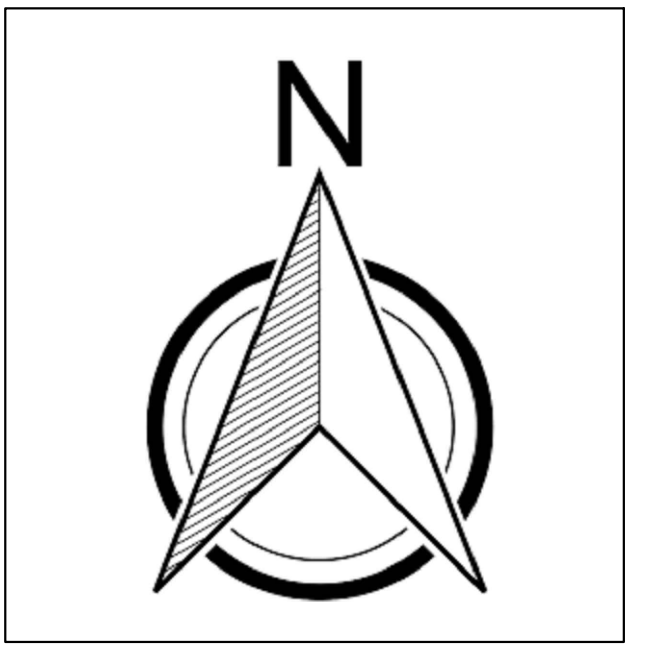
One CordeValle Club Drive

San Martin, CA. 95046

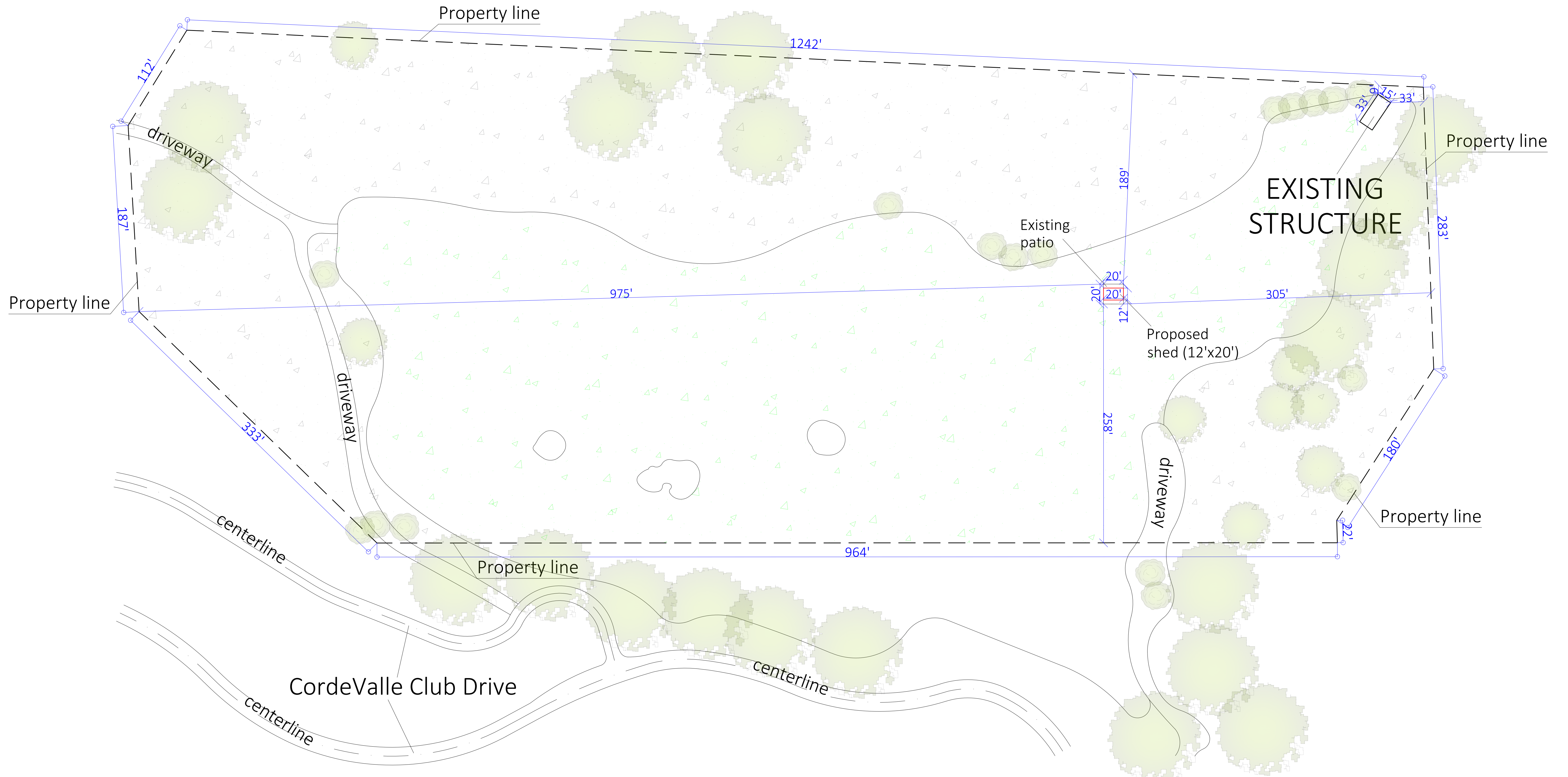
Parcel ID: 779-20-008

Lot area: 13.69 Acres

Paper Size: 24"x36"



scale 1"=50'



ACCESSORY BUILDING
12' X 20' = 240 SQ FT

DRAWING INDEX
S1 - PROJECT NOTES, ELEVATIONS
S2 - PLANS, SHEAR WALL SCHEDULE
S3 - SECTIONS, DETAILS

PROJECT NOTES

- DESIGN REQUIREMENTS
GOVERNING CODES: 2022 CALIFORNIA BUILDING CODE WITH LOCAL AMENDMENTS
OCCUPANCY GROUP: GROUP U
RISK CATEGORY: II
CONSTRUCTION TYPE: V-B
- DESIGN SCHEDULE
A. BUILDING SIZE
WIDTH: 12'-0"
LENGTH: 20'-0"
SIDE WALL HEIGHT: 8'-10 1/8"
TOTAL HEIGHT: 10'-5"
B. ROOF PITCH: 2/12
C. BUILDING LOADS
ROOF LIVE LOAD: 30 PSF
ROOF DEAD LOAD: 10 PSF
D. DESIGN WIND
BASIC WIND SPEED, V: 92 MPH
WIND EXPOSURE: C
E. SEISMIC INFORMATION
SEISMIC DESIGN CATEGORY: D
SEISMIC IMPORTANCE FACTOR, I_s: 1.00
S_s: 1.50
S_i: 0.60
SITE CLASS: D
S_{ps}: 1.20
S_{pf}: 0.68
SEISMIC FORCE-RESISTING SYSTEM: BEARING WALL
DESIGN BASE SHEARWALL: 735 LBS.
C_s: 0.18
R: 6.5
ANALYSIS PROCEDURE: SIMPLIFIED DESIGN
- ROOFING SCHEDULE
A. ROOF SHEATHING SHALL BE APA RATED 7/16" THICK OSB WITH FOIL BACKING, 24/16 RATED MIN., UNBLOCKED DIAPHRAGM. STAGGER LAYOUT PER APA CONDITION 1.
B. SHEATHING NAILING SHALL BE PER NAILING SCHEDULE.
C. LIFETIME DIMENSIONAL ASPHALT SHINGLES (U.N.O.).
D. GAF FELTBUSTER.
E. TYPE 'D' METAL DRIP EDGE FLASHING REQUIRED ALL SIDES.
F. TRUSSES SHALL BE SPACED @ 16" OC.
G. SEE SEPARATE TRUSS SHEETS FOR TRUSS FRAMING AND MATERIALS.
H. 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)
I. TRUSS CONNECTION PLATES "EAGLE METAL PLATES".
J. THE TRUSS PLATE INSTITUTE (TPI) (NER QA 430) IS THE INSPECTION AGENCY RESPONSIBLE FOR IN-PLANT INSPECTIONS.
K. TRUSS MANUFACTURER: TUFF SHED, INC.
- WOOD FRAMING
A. ALL HEADERS ARE HEM-FIR (HF) #2 (U.N.O.).
B. ALL WALL FRAMING MEMBERS SHALL BE HEM-FIR (HF) STUD GRADE OR BETTER.
C. STUDS SHALL BE SPACED @ 16" OC.
D. FASTEN EXTERIOR WALL SHEATHING TO FRAMING PER NAILING SCHEDULE.
E. PROVIDE SOLID BLOCKING AT ALL HORIZONTAL JOINTS OCCURRING IN BRACED WALL PANELS.
F. SHEAR WALL MATERIAL AND NAILING SHALL BE AS SPECIFIED IN SHEAR WALL SCHEDULE.
G. LAMINATED VENEER LUMBER (LVL) SHALL BE LVL 2.0E-2600 F_b WITH THE FOLLOWING DESIGN VALUES: F_b = 2600 PSI, F_v = 1555 PSI, F_v = 285 PSI, F_{cl} = 2510 PSI, F_{cl} = 750 PSI, E = 2.0 x 10⁶ PSI, SG = 0.50
- SOIL
A. 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 1806.2.
B. ALL FOOTINGS SHALL BE FOUNDED ON UNDISTURBED NATURAL SOIL.
C. IN THE EVENT EXCAVATIONS REVEAL UNFAVORABLE CONDITIONS, THE SERVICES OF A SOILS ENGINEER MAY BE REQUIRED.
- PERMIT
A. PERMIT APPLICATIONS, WHERE NO PERMIT IS ISSUED, SHALL EXPIRE PER LIMITATIONS SET BY LOCAL CODES.
B. JOB CARD REQUIRED TO BE AVAILABLE FOR SIGNATURE AT JOB SITE
- GENERAL NOTES
A. INSTALLATION PROCEDURES SHALL CONFORM TO OSHA STANDARDS. BUILDER SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES, TREES, UTILITIES, ETC.
B. BUILDER IS RESPONSIBLE FOR SAFETY OF BUILDING DURING CONSTRUCTION. PROVIDE ALL SHORING OR BRACING AS REQUIRED AND PER GOVERNING REGULATIONS.
C. ALL WOOD CONSTRUCTION CONNECTORS REFERENCED IN THIS DRAWING SHALL BE SIMPSON 'STRONG-TIE' OR EQUIVALENT AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
D. GREEN VINYL SINKER NAILS DO NOT MEET THE NAILING REQUIREMENTS OF COMMON NAILS.
- MATERIAL EVALUATION REPORT IDENTIFICATION:
A. TRUSS CONNECTION PLATES BY EAGLE METAL PLATES PER ICC-ES REPORT #ESR-1082.
B. SMARTSIDE SIDING BY LP CORPORATION PER ICC-ES REPORT #ESR-1301.
C. HARDIE PANEL SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICC-ES REPORT #ESR-1844.
D. HARDIE PLANK LAP SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICC-ES REPORT #ESR-2290.
E. LAMINATED VENEER LUMBER (LVL) BY WEYERHAEUSER PER ICC-ES REPORT #ESR-1387.
F. ASPHALT SHINGLES BY GAF PER ICC-ES REPORT #ESR-1475.
G. FELTBUSTER ROOFING UNDERLAYMENT BY GAF PER ICC-ES REPORT #ESR-2808.
H. HDU PRE-DEFLECTED HOLD-DOWNS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2330.
I. SSTB ANCHOR BOLTS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2611.



10/16/2023

TUFF SHED, INC.
ENGINEERING DEPARTMENT
TIMOTHY D. CAHALAN, P.E.
TCAHALAN@TUFFSHED.COM
1777 S. HARRISON STREET
DENVER, COLORADO 80210
(303) 753-8833 EXT. 96319

SO # 1989142 EP # 417291
Customer: SCOTT AMARANTE
Description: ACCESSORY BUILDING
12' X 20' = 240 SQ FT
Site Address: ONE CORDEVALLE CLUB DRIVE
SAN MARTIN CA 95046

THESE DRAWINGS AND THE DESIGN ARE THE PROPERTY OF TUFF SHED, INC. THESE DRAWINGS ARE FOR A BUILDING TO BE SUPPLIED AND BUILT BY TUFF SHED ONLY. ANY OTHER USE IS FORBIDDEN BY TUFF SHED, INC AND THE ENGINEER OF RECORD.

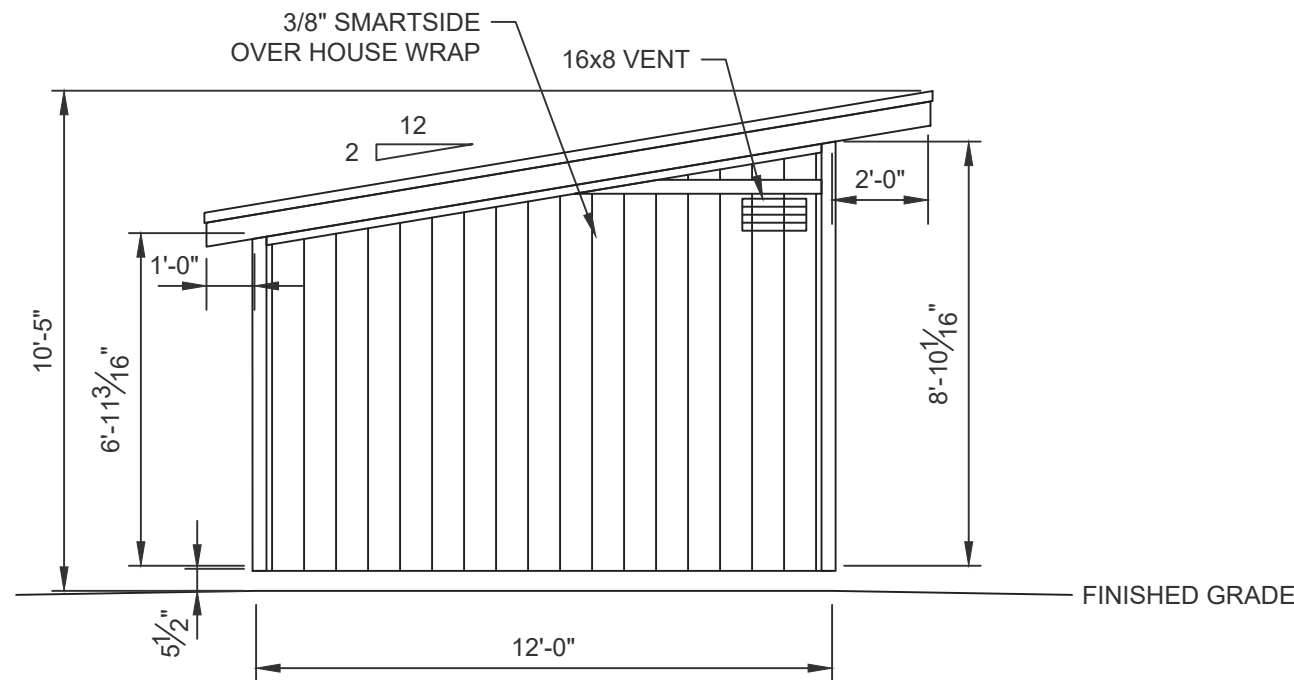
TUFF SHED
Storage Buildings & Garages
TUFF SHED, INC.
3580 SHELL AVE UNIT 20
DENVER CO 80238
(303) 753-8833
CONTRACTOR'S LICENSE #661664
COPYRIGHT © 2019 TUFF SHED, INC.
PROPRIETARY. ALL RIGHTS RESERVED. STORE 118

Drawn By: AMX
Date: 8-22-23
Checked By: JR
Date: 9/28/23
Revised:
Revised:

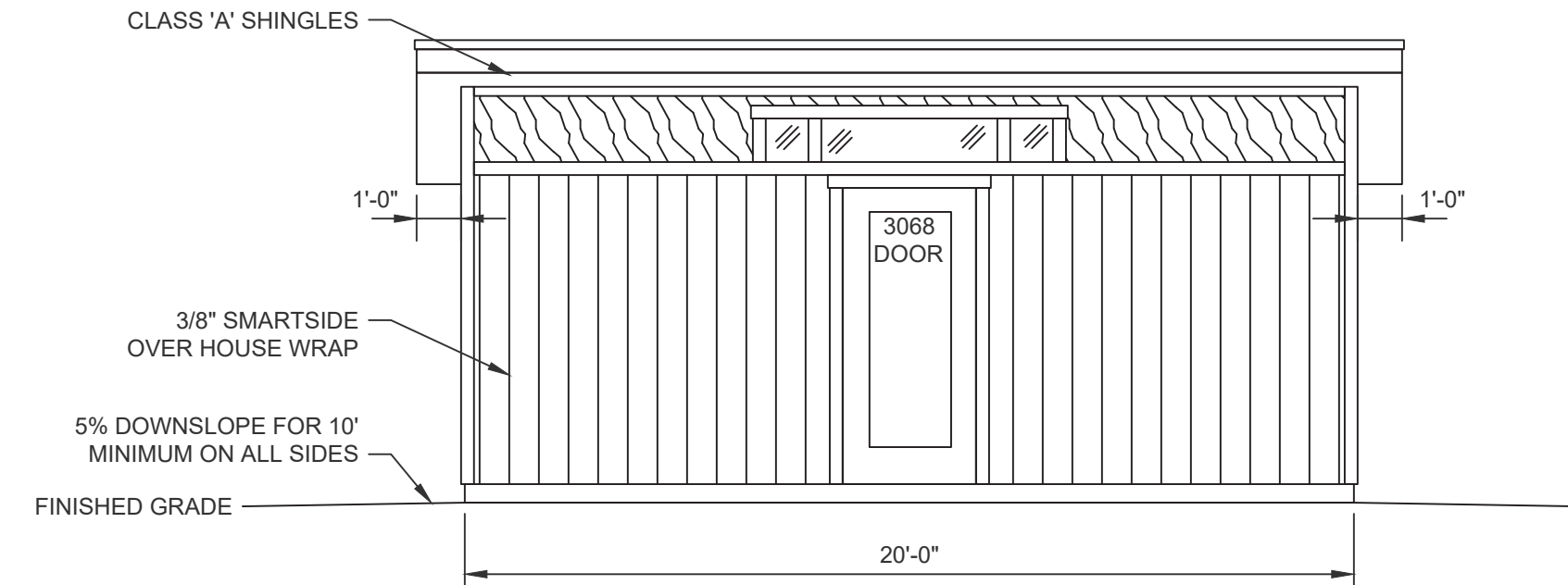
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PROJECT NOTES
ELEVATIONS

Scale: 1/4" = 1'-0"
Sheet:

S1

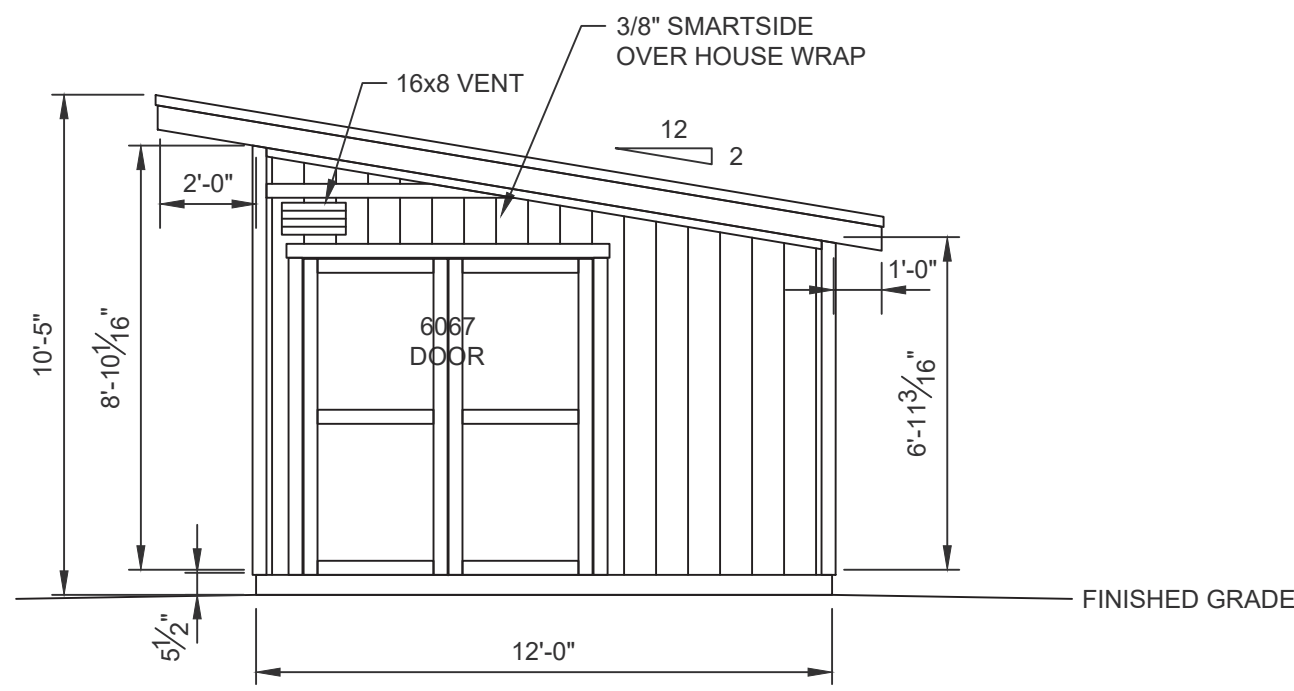


WALL A ELEVATION

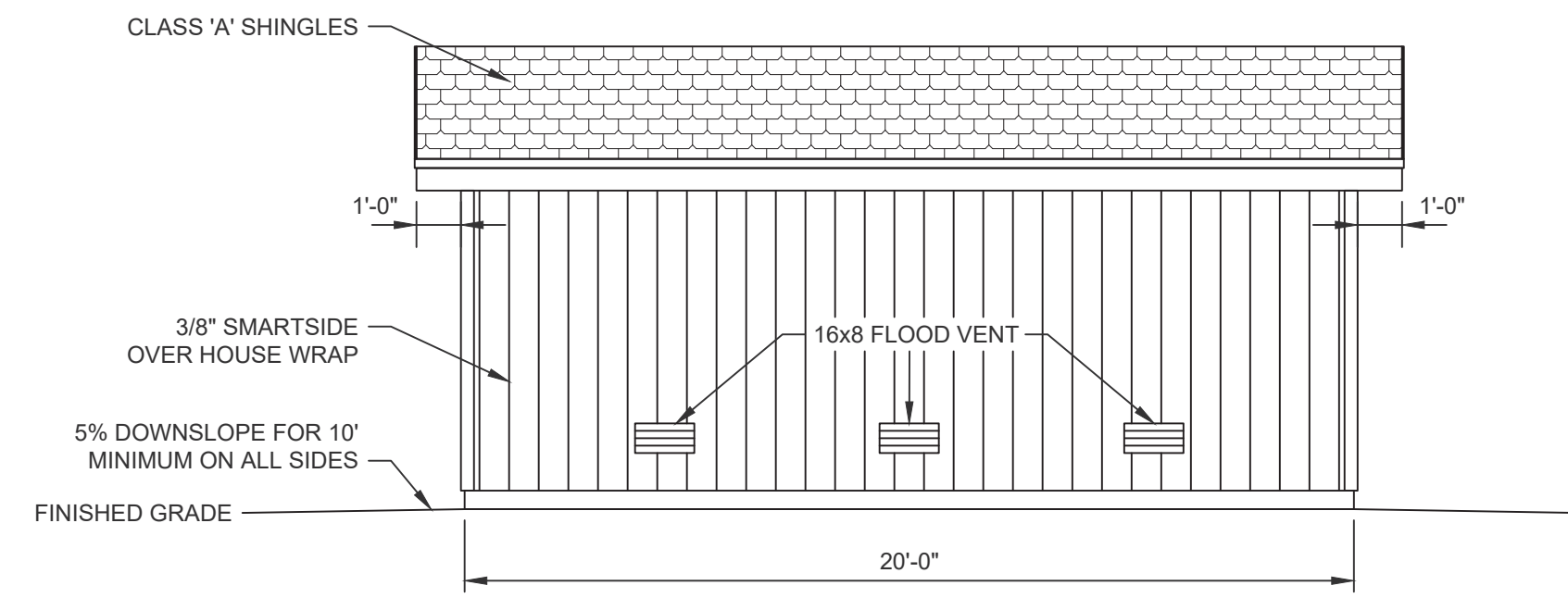


WALL B ELEVATION

FLOOD VENT NOTES:
1 SQ. INCH OF FLOOD VENT OPENING FOR EVERY SQ. FT. OF BUILDING.
12'X20' BUILDING = 240 SQ. FT.
16X8 FLOOD VENTS= 80.68 SQ. INCHES NFA EACH.
REQUIRED (3) FLOOD VENTS.



WALL C ELEVATION



WALL D ELEVATION

NAILING SCHEDULE		SHEAR WALL 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)	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 DOUBLE HEADER 16d @ 16" OC ALONG EACH EDGE HEADER TO KING STUD (4) 8d TOENAIL OR (4) 16d END NAIL DOUBLE TOP PLATES, 16d @ 16" FACE NAIL							
UNLESS SPECIFIED HEREIN, ALL NAILING SHALL BE PER 2022 CBC TABLE 2304.10.2.							
UPLIFT TRANSFER: PROVIDE SIMPSON H2.5A AT EACH END OF RAFTERS.							
PROVIDE 2X4 SOLID BLOCKING ON ALL UNSUPPORTED EDGES OF PLYWOOD ON SHEAR WALLS.							
UNBLOCKED ROOF DIAPHRAGM ROOF SHEATHING NAILING: BORDER: 8d COMMON @ 6" OC EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC		16	167				
END WALL SHEAR TRANSFER: SHEATHING AT END WALL LAPS TOP PLATE OF WALL BELOW. PROVIDE EDGE NAILING. REFERENCE END WALL ASSEMBLY/S3 , 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 ANS/AWC SDPWS.

FASTENER EQUIVALENCY	
SIMPSON	USP
H2.5A	RT7A
SSTB16-SSTB36	STB16-STB36
HDU2-HDU5	PHD2A-PHD5A
HDU8	PHD8
LUS24-LUS210	JUS24-JUS210
LS30/LS50	MP3/MP5
LSTA9-LSTA24	LSTA9-LSTA24
A24	TDL5
H1	RT15
H3	RT3A
H6	LFTA6
H8	LTW12
H10	RT16A
PA51/PA68	TA51/TA71
ABA44/ABA66	PA44E/PA66E
BC4/BC6	C44/C66
A311	TDL10
HST2	KHST2
SDS1/4X3 SCREW	WS3
A34	MP34
A35	MPA1
CS18/CS22	RE200/RS300
HTT4/HTT5	HTT16/HTT22
CMSTC16	CMSTC16



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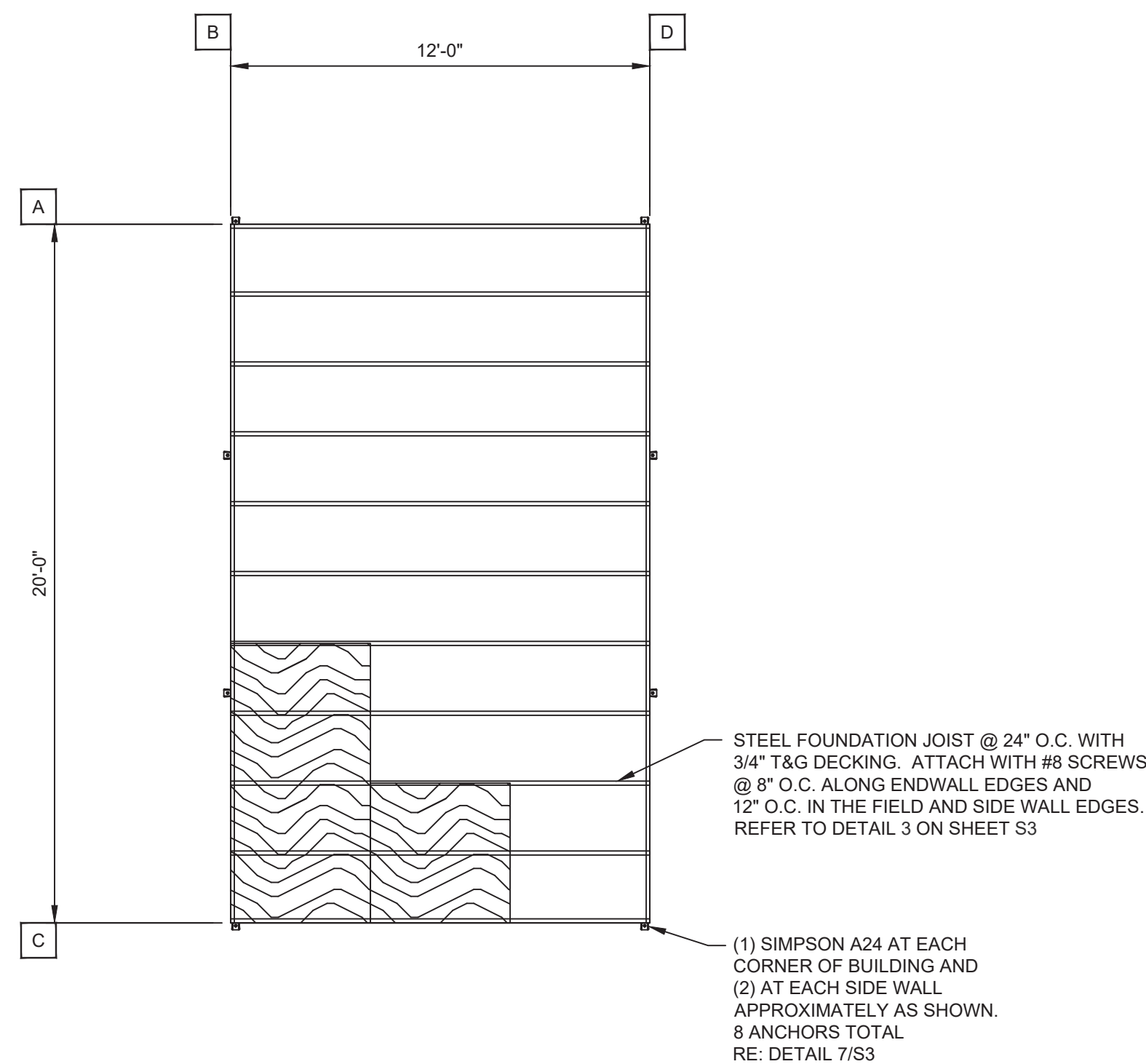
Drawn By: AMX
Date: 8-22-23
Checked By: JR
Date: 9/28/23
Revised:

Title:
PLANS
SHEAR WALL SCHED
NAILING SCHEDULE

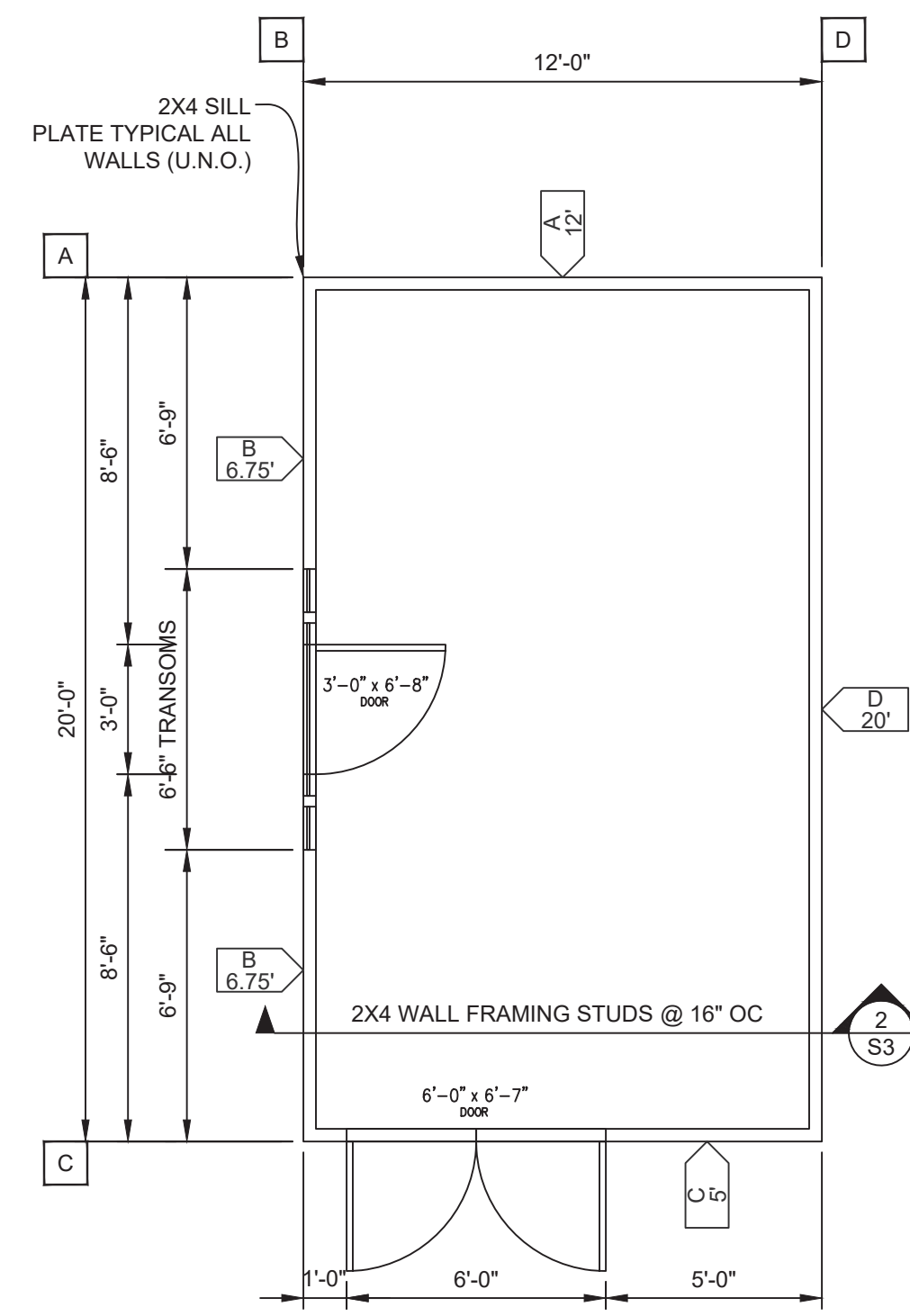
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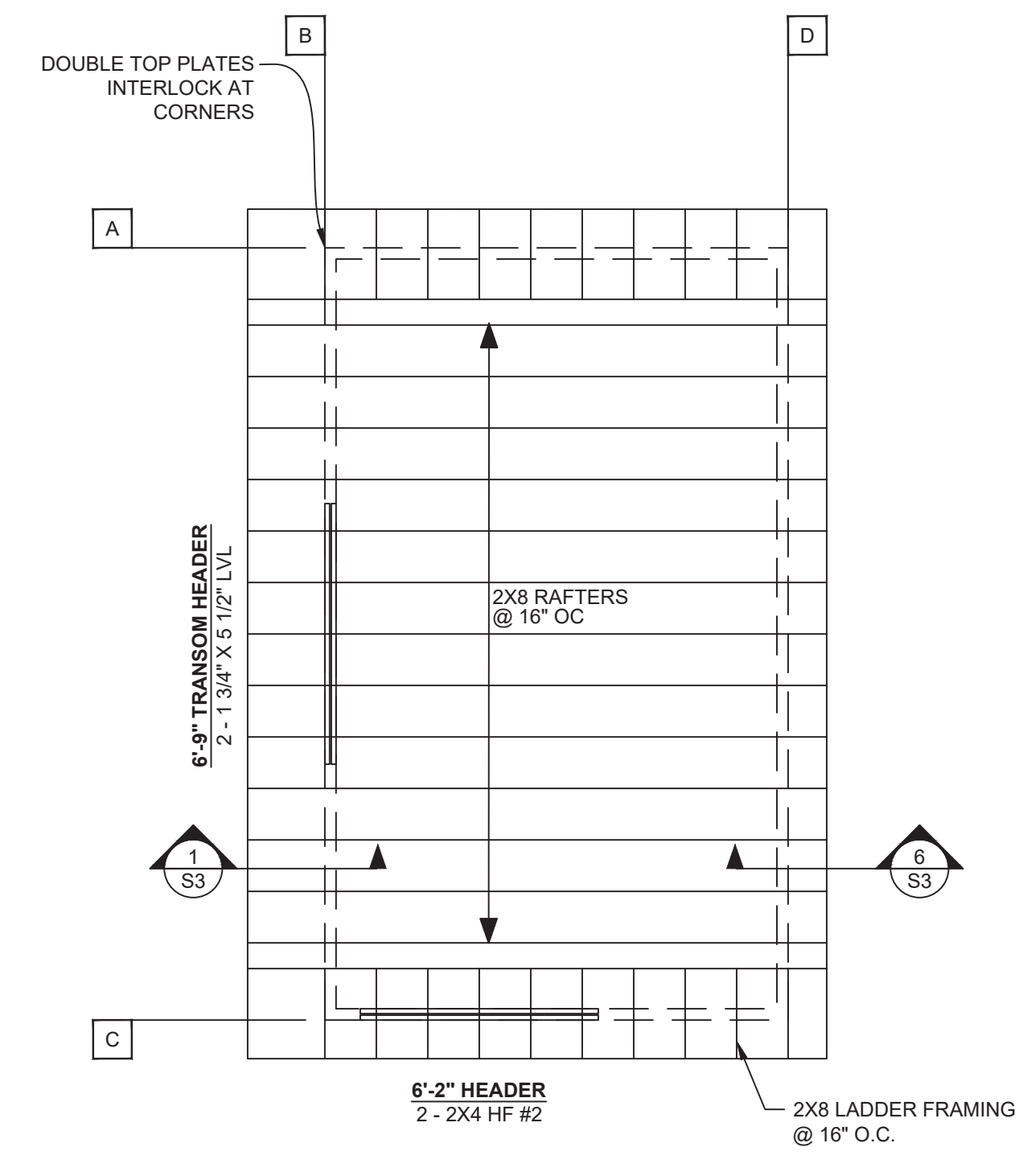
Sheet 2 of 3



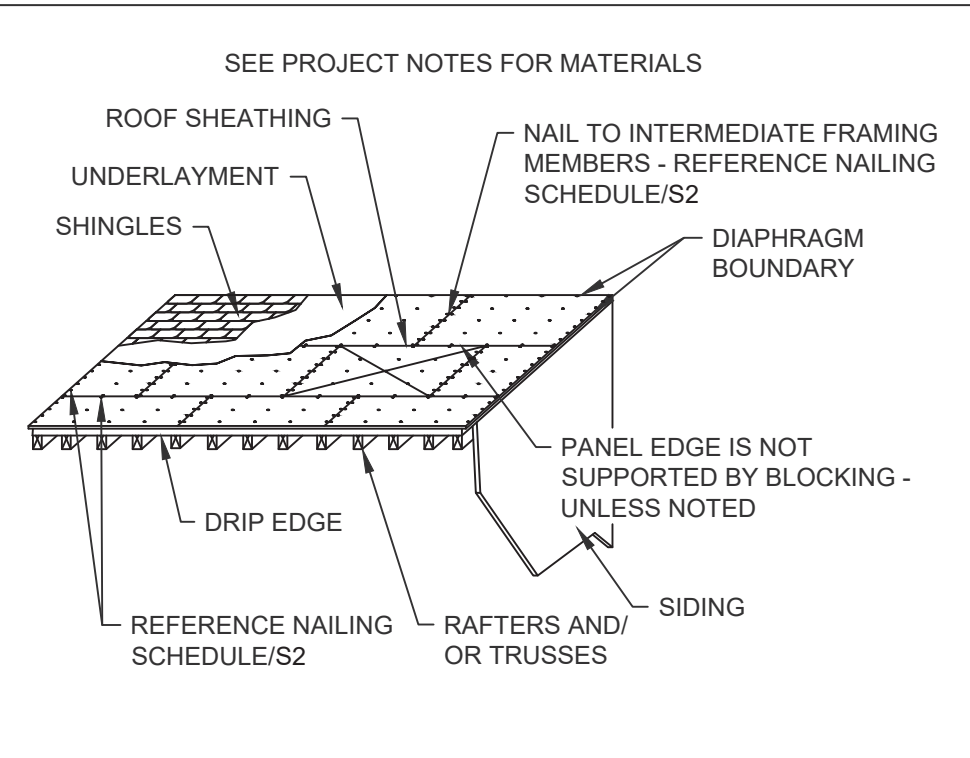
FOUNDATION PLAN



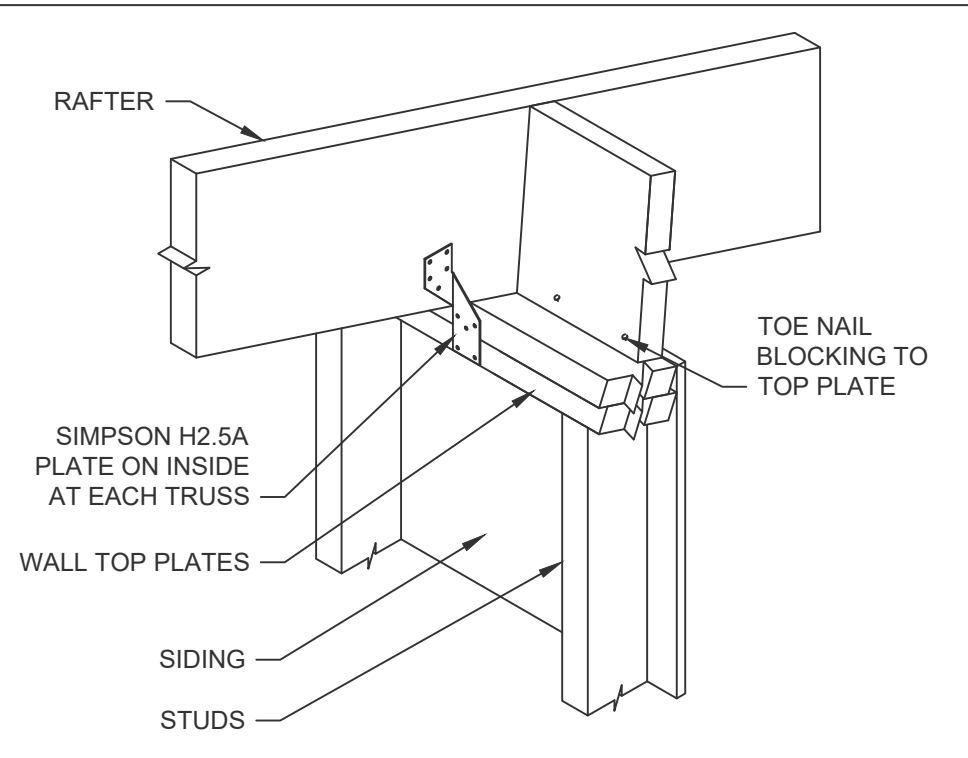
FLOOR PLAN



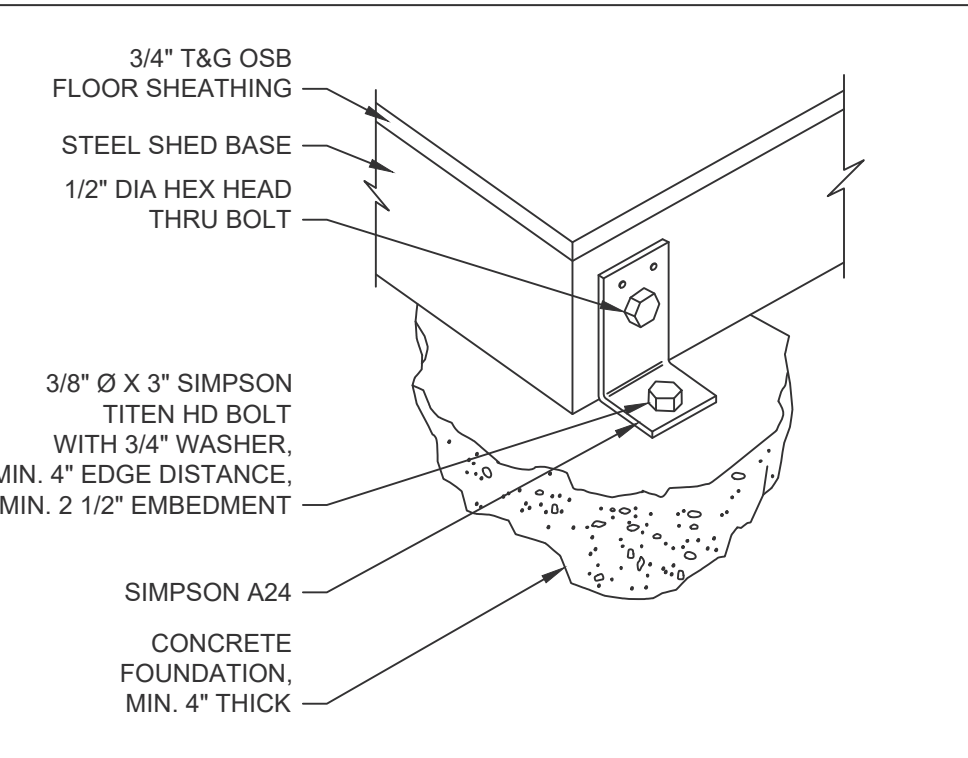
ROOF FRAMING PLAN



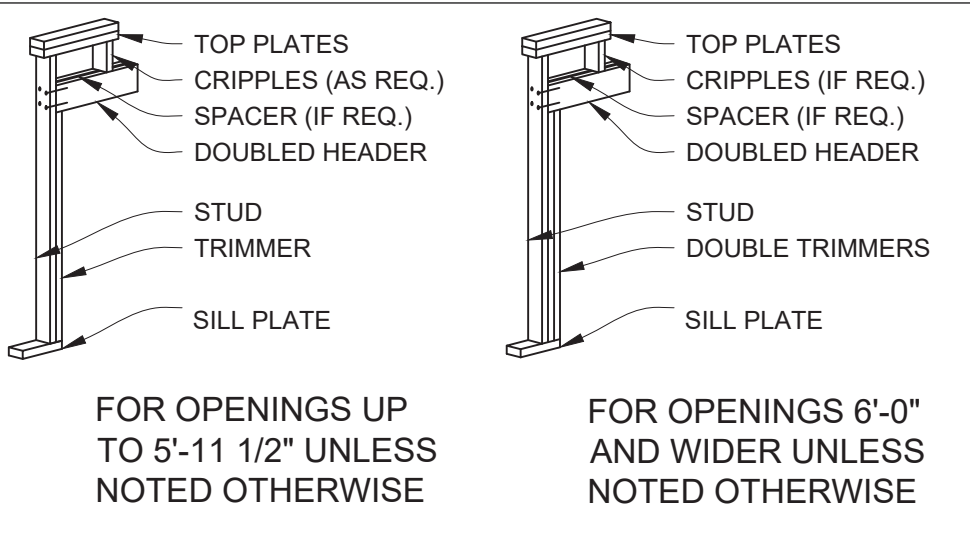
5 ROOF SHEATHING NAILING DTL



6 SHED RAFTER H2.5A ATTACHMENT

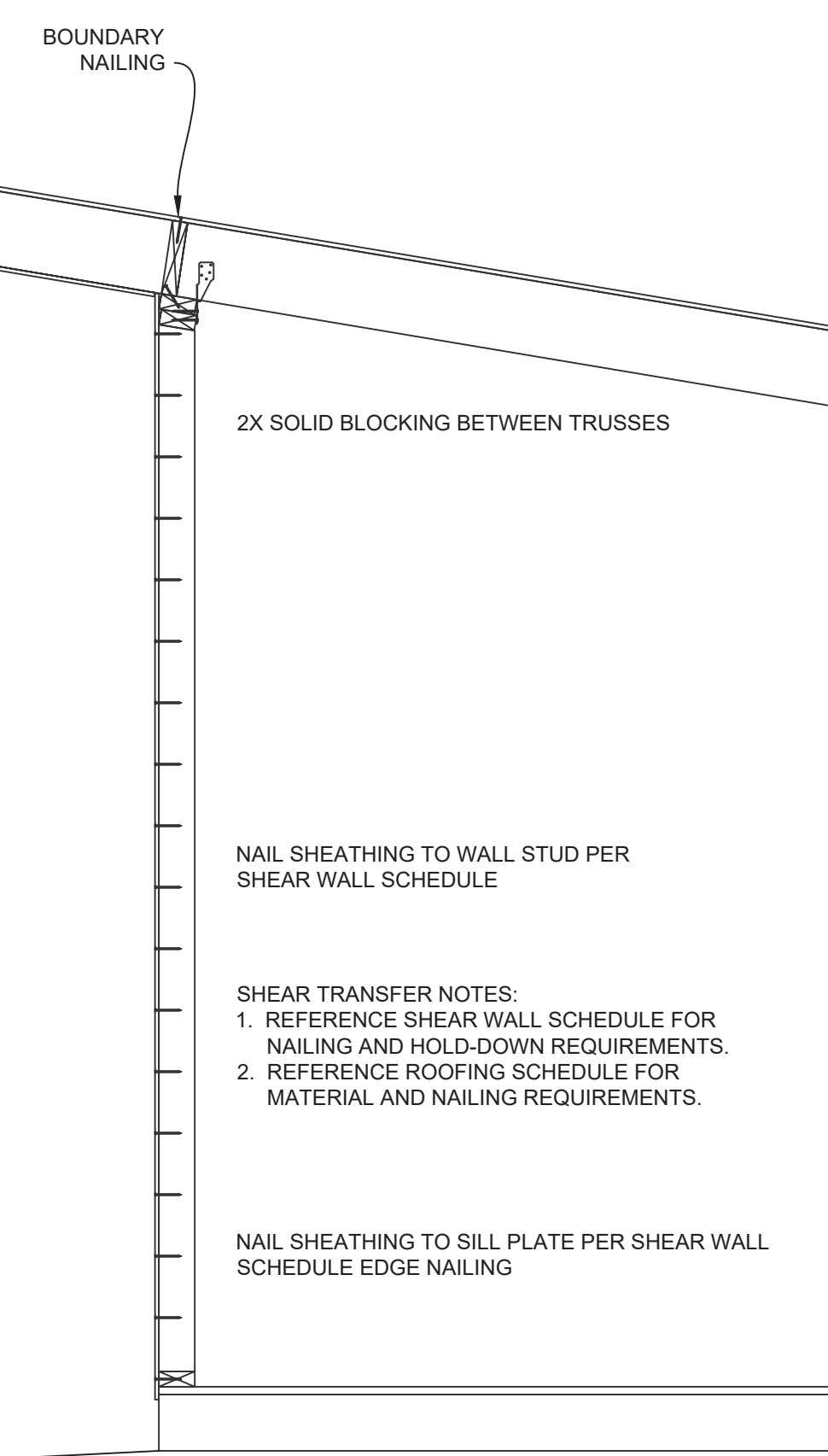


7 A24 INSTALLATION

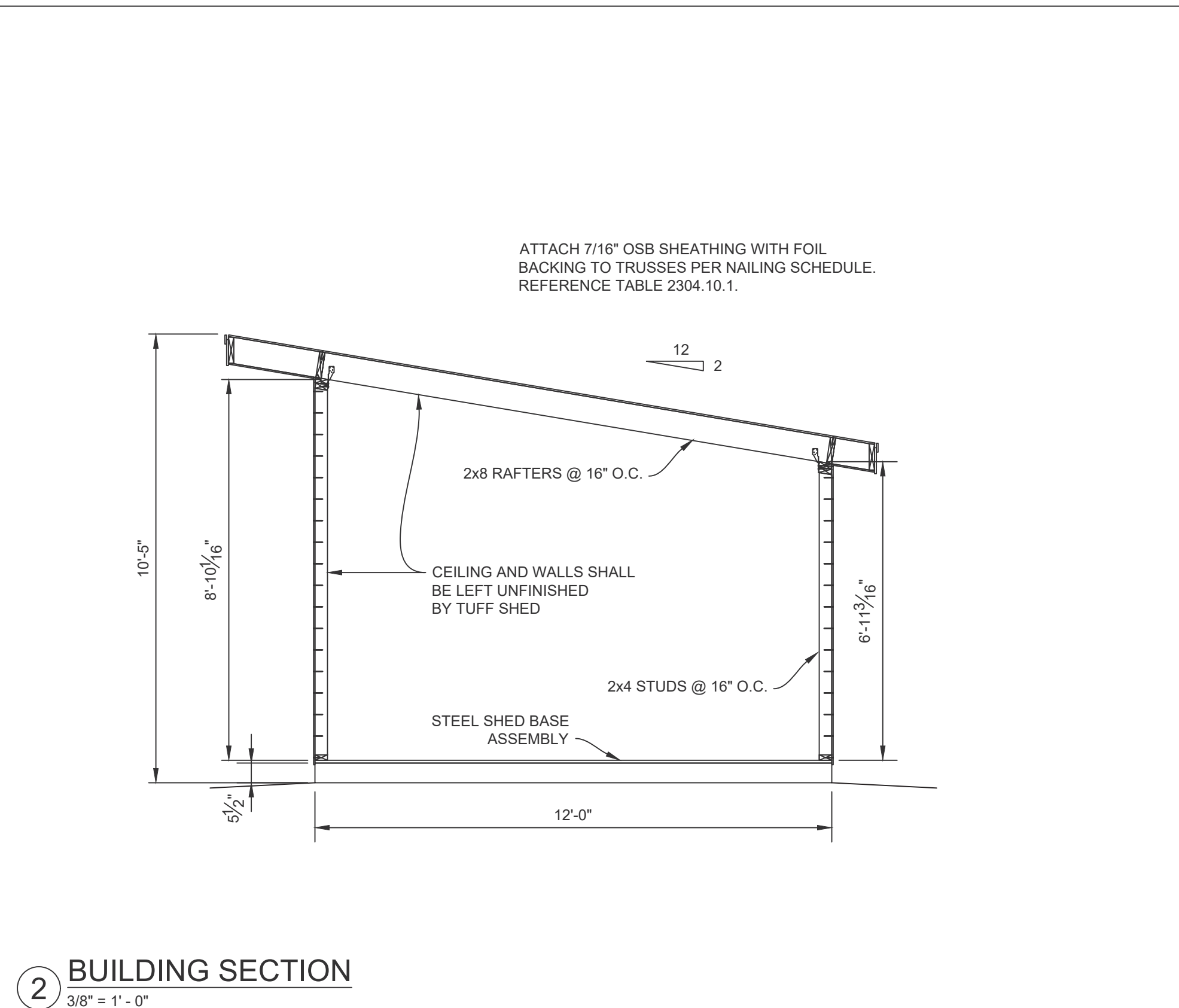


4 HEADER DETAIL
NOT TO SCALE

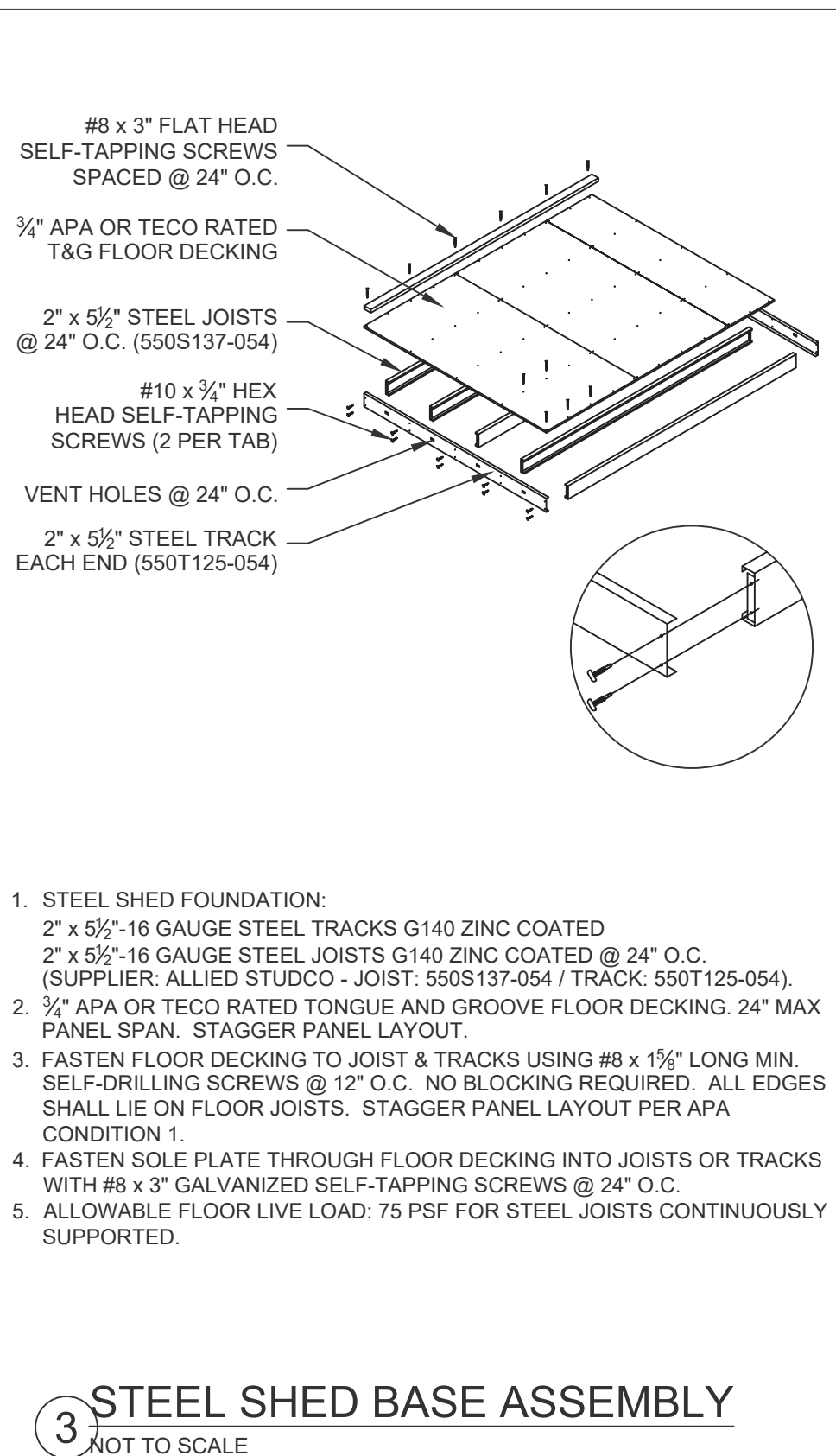
NAILING:
HEADER TO STUD - (4) 8d TOENAIL OR (4) 16d END NAIL
DOUBLED HEADER - 16d @ 16\"/>



1 SHEAR TRANSFER DETAIL
3/4\"/>



2 BUILDING SECTION
3/8\"/>



3 STEEL SHED BASE ASSEMBLY
NOT TO SCALE



10/16/2023

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SECTIONS
DETAILS

Scale: NONE
Sheet:

S3