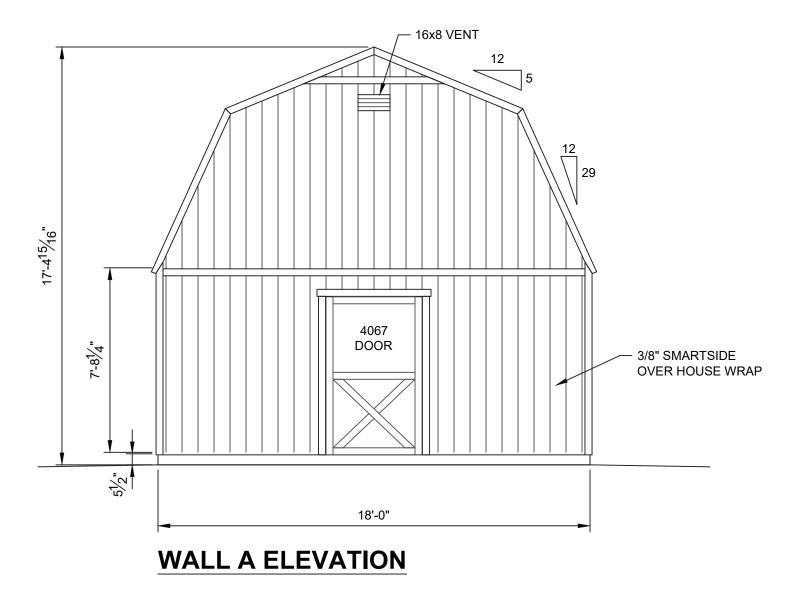
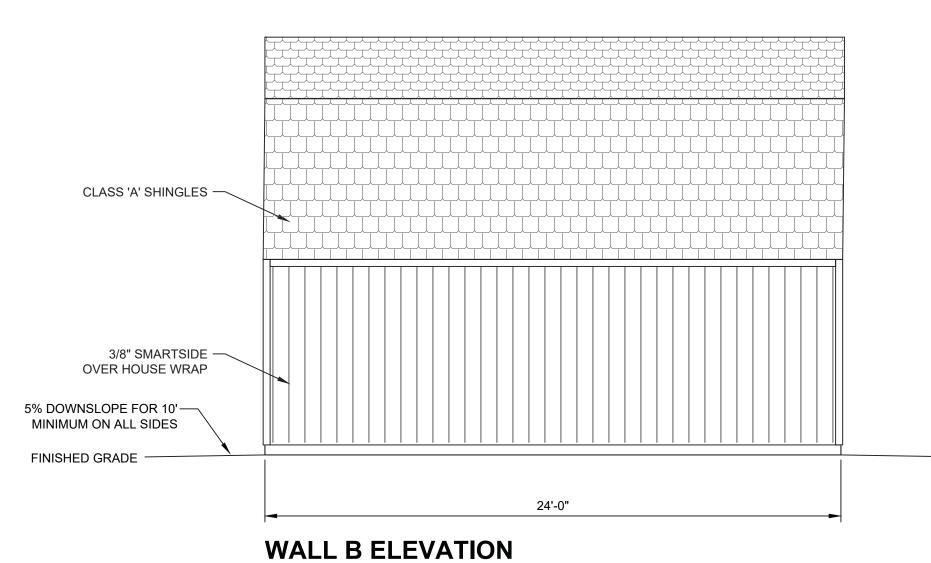
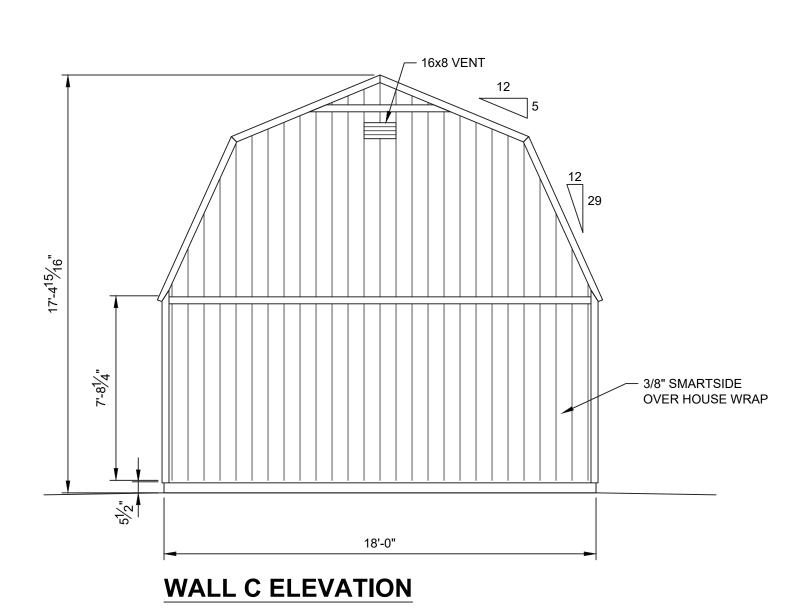
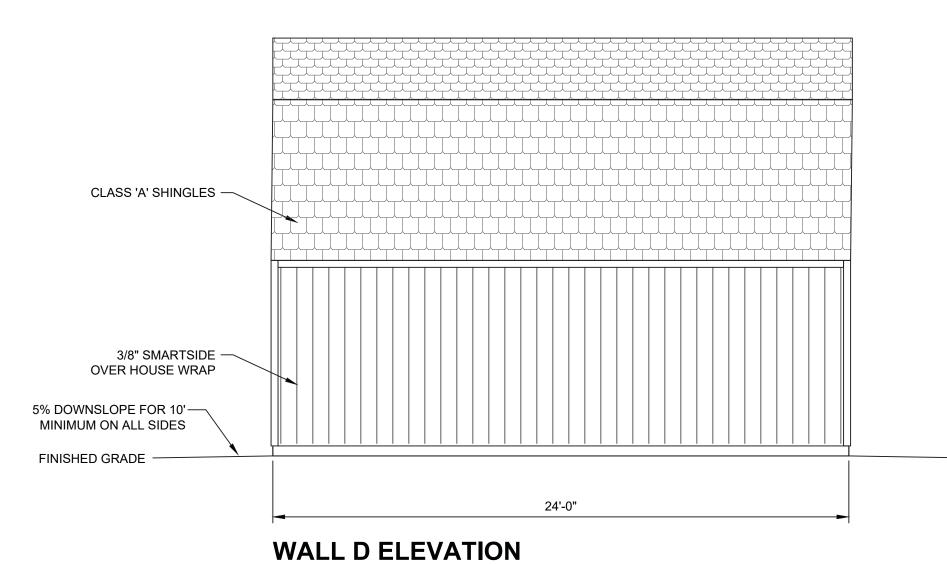
ACCESSORY BUILDING 18' X 24' = 432 SQ FT

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









PROJECT NOTES

. DESIGN REQUIREMENTS GOVERNING CODES: 2018 IRC OCCUPANCY GROUP: GROUP U CONSTRUCTION TYPE: V-B

2. DESIGN SCHEDULE A. BUILDING SIZE WIDTH: 18'-0" LENGTH: 24'-0"

SIDE WALL HEIGHT: 7'-8 1/4" TOTAL HEIGHT: 17'-4 7/8" B. ROOF PITCH: 5/12; 29/12 C. BUILDING LOADS ROOF LIVE LOAD: 30 PSF ROOF DEAD LOAD: 10 PSF ATTIC LIVE LOAD: 30 PSF ATTIC DEAD LOAD: 10 PSF

D. DESIGN WIND BASIC WIND SPEED, V: 110 MPH WIND EXPOSURE: C E. SEISMIC DESIGN CATEGORY: B

F. SITE CLASS: D

. ROOFING SCHEDULE

A. ROOF SHEATHING SHALL BE APA RATED 7/16" THICK OSB, 24/16 RATED MIN. UNBLOCKED DIAPHRAGM. STAGGER LAYOUT PER APA CONDITION 1.

B. SHEATHING NAILING SHALL BE PER NAILING SCHEDULE. C. 25 YEAR 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 SPF #2 (U.N.O.).

B. ALL WALL FRAMING MEMBERS SHALL BE SPF 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 MIN. DESIGN VALUES: $F_b = 2600 \text{ PSI}$, $F_t = 1555 \text{ PSI}$, $F_v = 285 \text{ PSI}$, F_{CII} = 2510 PSI, $F_{C^{\perp}}$ = 750 PSI, E = 2.0 x 10⁶ PSI, SG= 0.50

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 R401.4.1.

B. ALL FOOTINGS SHALL BE FOUNDED ON UNDISTURBED NATURAL SOIL. C. IN THE EVENT OF THE DISCOVERY OF EXPANSIVE SOILS OR UNFAVORABLE CONDITIONS, THE SERVICES OF A SOILS ENGINEER MAY BE REQUIRED.

A. PERMIT APPLICATIONS, WHERE NO PERMIT IS ISSUED, SHALL EXPIRE PER

LIMITATIONS SET BY LOCAL CODES. SECTION R105. 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 INSTALLED PER

MANUFACTURER'S SPECIFICATIONS.

D. GREEN VINYL SINKER NAILS DO NOT MEET THE NAILING REQUIREMENTS 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. HDU PRE-DEFLECTED HOLD-DOWNS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2330.

H. SSTB ANCHOR BOLTS BY SIMPSON STRONG-TIE PER ICC-ES REPORT #ESR-2611.



Drawn By: TB Date: 10/3/22 Checked By: SC

Date: 11/15/22 Revised: Revised:

PROJECT NOTES **ELEVATIONS**

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

Sheet 1

NAILING SCHEDULE	SHEAR WALL SCHEDULE	SHEAR	ALLOW. SHEAR LOAD (lb/ft)	SHEAR WALL SCHEDULE		ALLOW. SHEAR LOAD (lb/ft)
CHORD SPLICE NAILING: (8) 16d NAILS EACH SIDE OF SPLICE. TRUSS BLOCKING: (4) 16d (TOENAILED)	2X4 FRAMING. SHEATHE EXTERIOR WITH 3/8" SMARTSIDE.			2X4 FRAMING. SHEATHE EXTERIOR WITH 3/8" SMARTSIDE.		
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	18'-0" LONG TOTAL. (7'+7') = 14' USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC	123	148	B 24'-0" LONG TOTAL. 24' USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC		148
UNLESS SPECIFIED HEREIN, ALL NAILING SHALL BE PER 2018 IRC TABLE R602.3(1).						
UPLIFT TRANSFER: PROVIDE SIMPSON H2.5A AT EACH END OF TRUSSES.	PROVIDE (2) MR-88 ANCHORS LOCATED APPROXIMATELY AS SHOWN.			PROVIDE (3) MR-88 ANCHORS LOCATED APPROXIMATELY AS SHOWN. TOENAIL BLOCKING TO TOP PLATE: (3) 8d/BLOCK		
PROVIDE 2X4 SOLID BLOCKING ON ALL UNSUPPORTED EDGES OF PLYWOOD ON SHEAR WALLS.	SMARTSIDE. C 18'-0" LONG TOTAL. 18' USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC SMARTSIDE. 95 148 D 24'-0" LONG TOTAL. 24' USE NAILING: EDGE: 8d COMMON @ 6" OC EDGE: 8d COMMON @ 6" OC			2X4 FRAMING. SHEATHE EXTERIOR WITH 3/8" SMARTSIDE.		
UNBLOCKED ROOF DIAPHRAGM ROOF SHEATHING NAILING: BORDER: 8d COMMON @ 6" OC EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC CALC. SHEAR LOAD (lb/ft) (lb/ft) 95 214			D 24'-0" LONG TOTAL. 24' USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC	43	148	
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.				PROVIDE (3) MR-88 ANCHORS LOCATED		
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.	PROVIDE (2) MR-88 ANCHORS LOCATED APPROXIMATELY AS SHOWN.			APPROXIMATELY AS SHOWN. TOENAIL BLOCKING TO TOP PLATE: (3) 8d/BLOCK		

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ITES SEA

CONSULTING ENGINEERS, INC.
110 WESTMARK DRIVE

CONSULTING ENGI 1110 WESTMARK D SAINT LOUIS, MISS PHONE: (314) 835-12

Description:
ACCESSORY BUILDING
18' X 24' = 432 SQ FT
Site Address:
71 ENGLISH OAK

SHED, INC. THESE
VINGS ARE FOR A BUILDING
E SUPPLIED AND BUILT BY
SHED. ANY OTHER USE IS

TUFF SHED, INC.

TUFF SHED, INC.

TO BE SUPPLIED

TUFF SHED. AN
FORBIDDEN BY E

Buildings & Garage TUFF SHED, INC 409-B AIRPORT BLVD. MORRISVILLE, NC 27560

Storage Bui

Drawn By: TB
Date: 10/3/22
Checked By: SC

Checked By: SC Date: 11/15/22 Revised:

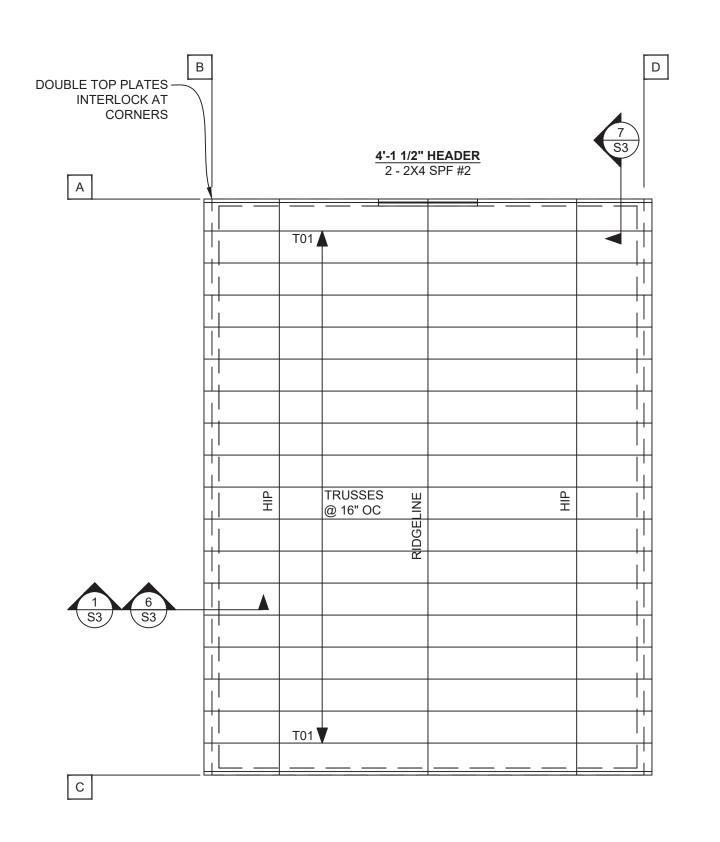
Revised: Title:

PLANS SHEAR WALL SCHED NAILING SCHEDULE

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

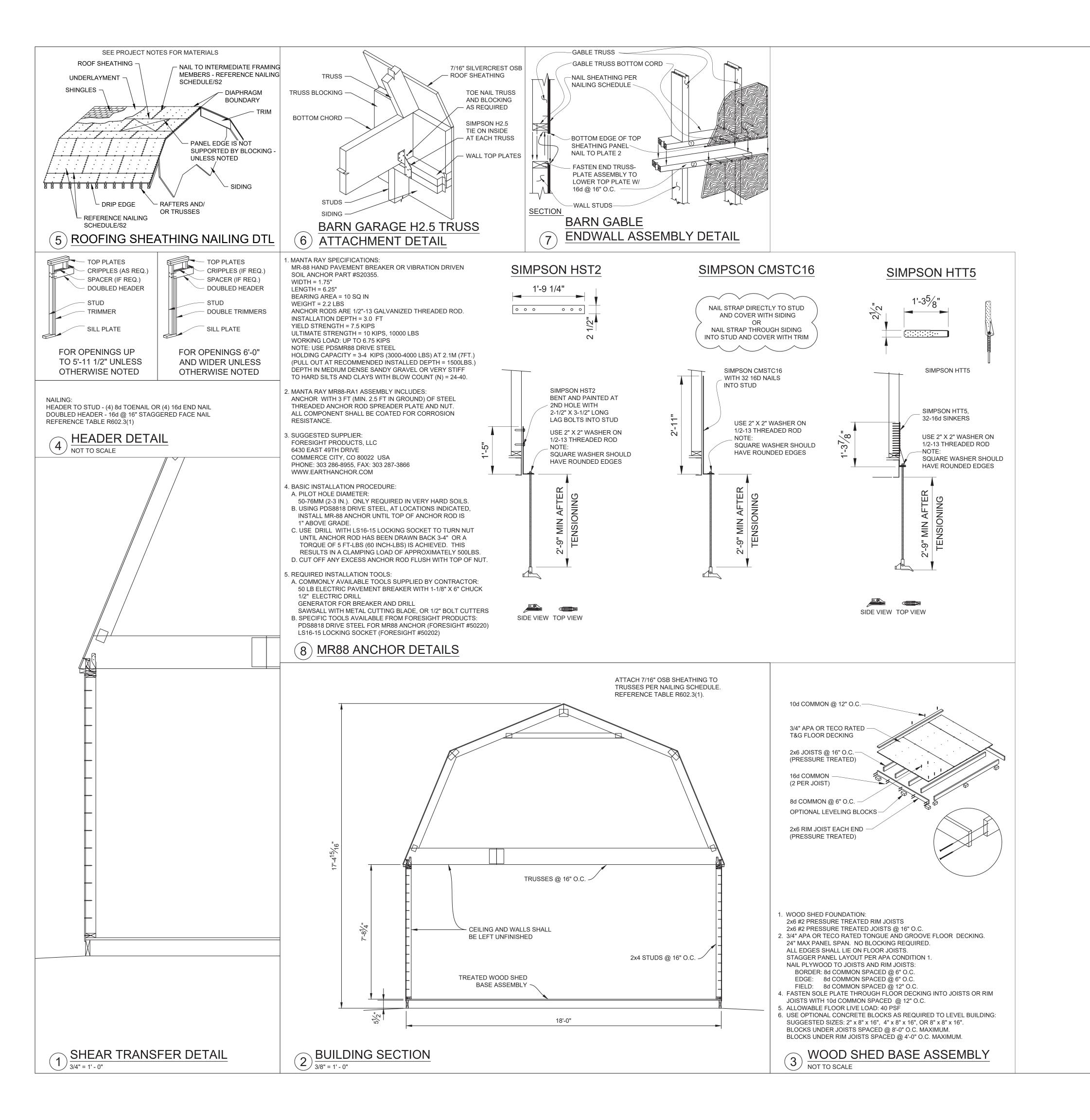
Sheet 2 of 3

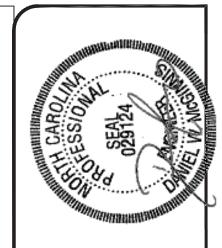
В	1	D	В	-	18'-0"	→ D
	18'-0"	PLAT	2X4 SILL TE TYPICAL ALL WALLS (U.N.O.)	7'-0"	4'-0" 7'-0	<u>"</u>
А		A	1			
24'-0"	P.T. 2X6	WOOD FOUNDATION JOIST @ 16" O.C. WITH 3/4" T&G DECKING. ATTACH WITH 8d NAILS @ 6" O.C. ALONG END WALL EDGES AND 12" O.C. IN THE FIELD AND SIDE WALL EDGES. REFER TO DETAIL 3 ON SHEET S3 ATTACH RIM JOIST TO FLOOR JOISTS WITH (3) 3" NAILS, TYP P.T. 2X6 RIM JOIST 2X6 BLOCKING AT 4 CORNERS	24'-0"	2X4 WALL FF	4'-0" x 6'-7" BOOK RAMING STUDS @ 16" OC	2 S3
C	2X6 BLOCKING BETWEEN JOIS	(1) MR88 EARTH ANCHOR AT EACH CORNER OF BUILDING AND (8) APPROXIMATELY AS SHOWN. 12 ANCHORS TOTAL				



FOUNDATION PLAN FLOOR PLAN

ROOF FRAMING PLAN





CONSULTING ENGINEERS, INC.
1110 WESTMARK DRIVE
SAINT LOUIS, MISSOURI 63131

SO #: 1872111 EP #: 13148
Customer: LEWIS COX
Description:
ACCESSORY BUILDING
18' X 24' = 432 SQ FT

SIGN ARE THE PROPERTY OF

FF SHED, INC. THESE

AWINGS ARE FOR A BUILDING

BE SUPPLIED AND BUILT BY

AC

FF SHED, ANY OTHER USE IS

F SHED ildings & Garages TUFF SHED, INC.

torage Buildings & TUFF SH

Drawn By: TB

Drawn By: TB
Date: 10/3/22
Checked By: S

Checked By: SC Date: 11/15/22 Revised:

Revised: Title:

SECTIONS DETAILS

Scale: NONE

Sheet:

S3

Sheet 3 of 3