ACCESSORY BUILDING
26' X 24' = 624 SQ FT

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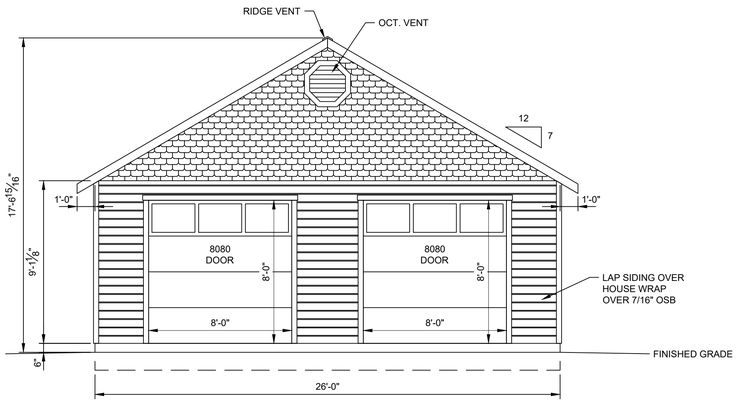
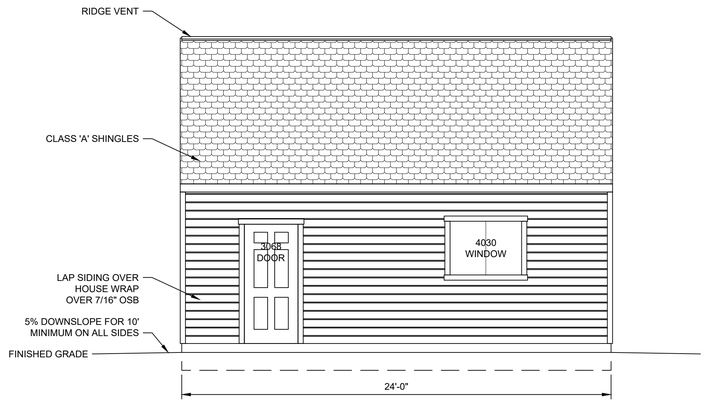
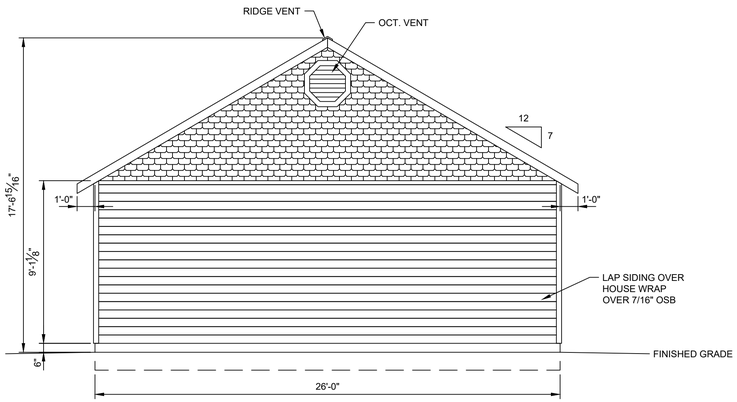
S1 - PROJECT NOTES, ELEVATIONS
S2 - PLANS, SHEAR WALL SCHEDULE
S3 - SECTIONS, DETAILS



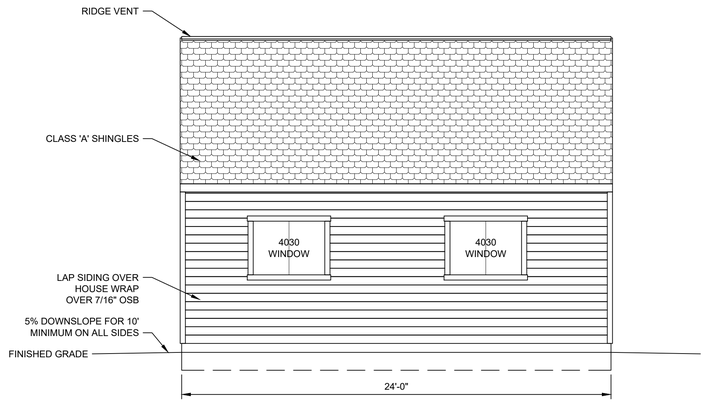
WALL A ELEVATION



WALL B ELEVATION



WALL C ELEVATION



WALL D ELEVATION

PROJECT NOTES

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

2. DESIGN SCHEDULE
   A. BUILDING SIZE
      WIDTH: 26'-0"
      LENGTH: 24'-0"
      SIDE WALL HEIGHT: 9'-1 1/8"
      TOTAL HEIGHT: 17'-6 7/8"
   B. ROOF PITCH: 7/12
   C. BUILDING LOADS
      GROUND SNOW LOAD, P_g: 45 PSF
      C_e: 1.00
      C_t: 1.20
      I_s: 1.00
      C_s: 1.00
      ROOF SNOW LOAD, P_s: 38 PSF
      ROOF LIVE LOAD: 20 PSF
      ROOF DEAD LOAD: 10 PSF
   D. DESIGN WIND
      BASIC WIND SPEED, V: 115 MPH
      WIND EXPOSURE: C
   E. SEISMIC DESIGN CATEGORY: B
   F. SITE CLASS: D

3. 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. 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 @ 24" O.C.
   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 OA 430) IS THE INSPECTION AGENCY RESPONSIBLE FOR IN-PLANT INSPECTIONS.
   K. TRUSS MANUFACTURER: TUFF SHED, INC.

4. 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" O.C.
   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 PSI, F_t = 1555 PSI, F_v = 285 PSI, $F_{c\perp}$ = 2510 PSI, $F_{c\perp}$ = 750 PSI, E = 2.0 x 10^6 PSI, SG= 0.50

5. 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 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.

6. PERMIT
   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

7. 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 OF COMMON NAILS.

8. 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.

COLORADO REGISTERED
RICHARD JON WILLS
35777
PROFESSIONAL ENGINEER

18 JUNE 2025

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SO #: 2185157 EP #: 25219
Customer: SCOTT BARNES

Description:
ACCESSORY BUILDING
26' X 24' = 624 SQ FT
Site Address:
603 CANTRIL ST.
CASTLE ROCK, CO 80104

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TUFF SHED
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Drawn By: TB
Date: 6/9/25
Checked By:
Date:
Revised:
Revised:

Title:
PROJECT NOTES
ELEVATIONS

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

Sheet:
S1