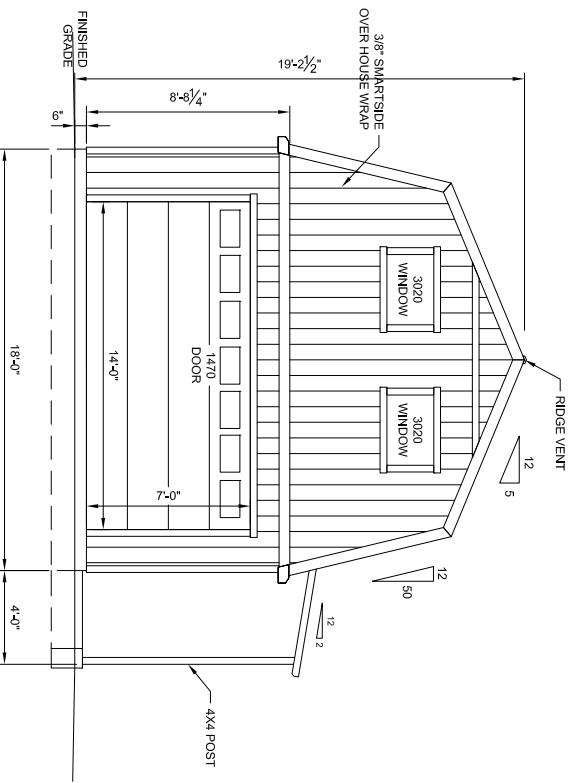


**ACCESSORY BUILDING**  
18' X 36' = 648 SQ FT

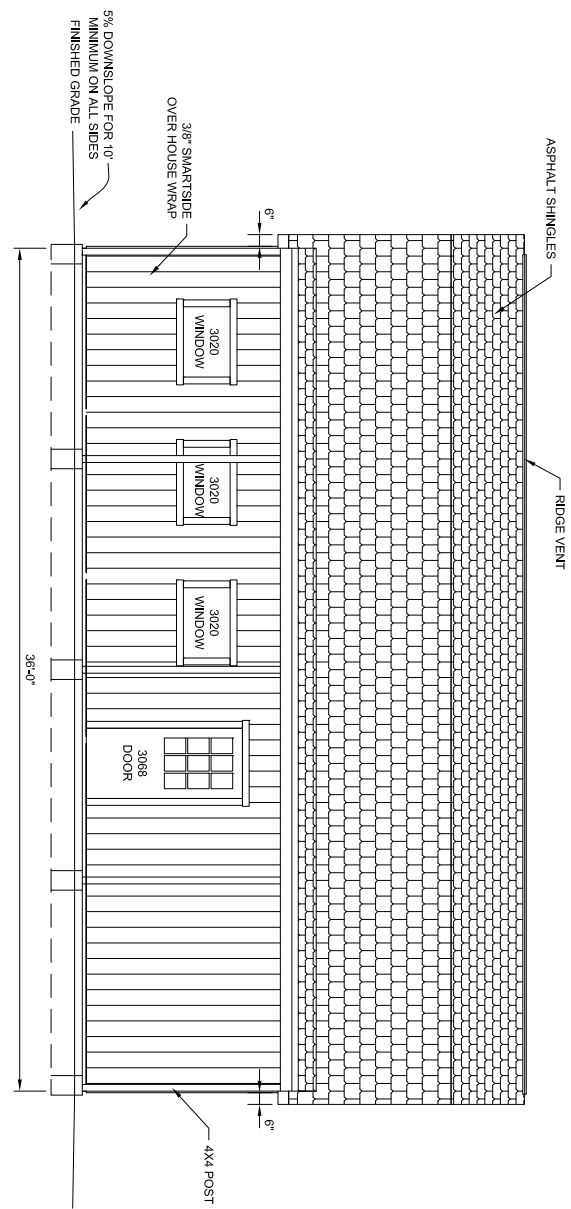
**DRAWING INDEX**  
A1 - PROJECT NOTES, ELEVATIONS  
A2 - PLANS, SHEAR WALL SCHEDULE  
A3 - SECTIONS, DETAILS

**PROJECT NOTES**

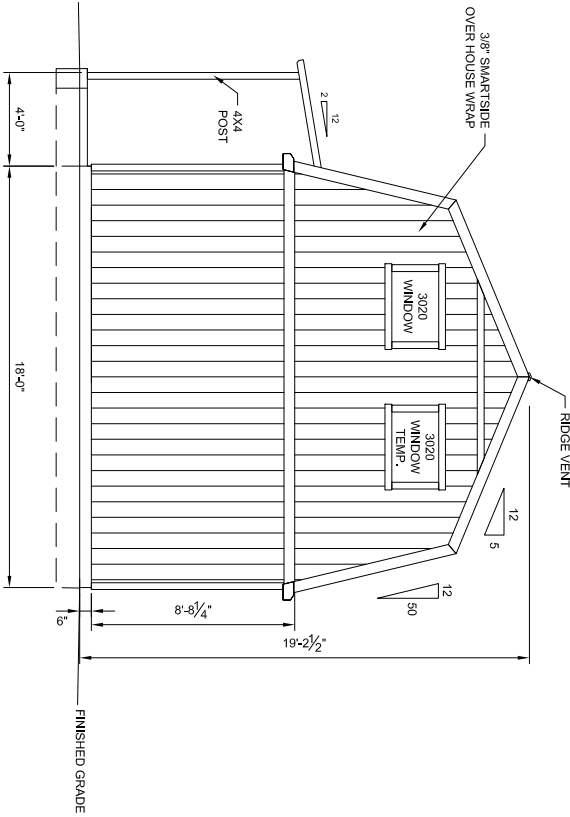
- DESIGN REQUIREMENTS  
1. FOUNDATION: 2015 IBC  
2. FRAMING: 2015 IBC  
3. ROOFING: 2015 IBC  
4. CONSTRUCTION TYPE: V49
  - DESIGN SCHEDULE  
A. BUILDING SIZE  
WIDTH: 18'-0"  
LENGTH: 36'-0"  
SIDE WALL HEIGHT: 8'-3 1/4"  
TOTAL HEIGHT: 19'-2 1/2"  
B. BUILDING LOADS  
ROOF LIVE LOAD: 40 PSF  
ROOF DEAD LOAD: 10 PSF  
LOFT DEAD LOAD: 10 PSF  
DESIGN WIND  
3 SECOND GUST V<sub>3</sub>: 130 MPH  
WIND EXPOSURE: C  
D. SEISMIC DESIGN CATEGORY: B  
E. SITE CLASS: D  
F. ROOF PITCH: 5/12-50/12
  - ROOFING SCHEDULE  
A. ROOF SHEATHING SHALL BE APA RATED 7/16" THICK OSB WITH FOIL BACKING. STAGGER LAYOUT PER APA CONDITION 1.  
B. SHEATHING NAILING SHALL BE PER NAILING SCHEDULE.  
C. LIFETIME DIMENSIONAL ASPHALT SHINGLES (UNDO).  
D. GAF FELTBUSTER.  
E. GAF FELTBUSTER.  
F. TYPE 'D' METAL DRIP EDGE FLASHING REQUIRED ALL SIDES.  
G. TRUSSES SHALL BE SPACED @ 24" OC.  
H. 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)  
I. TRUSS CONNECTION PLATES SHALL BE EAGLE METAL PLATES.  
J. THE TRUSS MANUFACTURER (TJM) (MER OR 430) IS THE INSPECTION AGENCY RESPONSIBLE FOR IN-PLANT INSPECTIONS.  
K. TRUSS MANUFACTURER: TJM SHED, INC.
  - WOOD FRAMING  
A. ALL WALL FRAMING MEMBERS SHALL BE HEM-FIR (HF) STUD GRADE OR BETTER.  
B. STUDS SHALL BE SPACED @ 16" OC.  
C. FASTEN EXTERIOR WALL SHEATHING TO FRAMING PER NAILING SCHEDULE.  
D. PROVIDE SOUND BLOCKING AT ALL HORIZONTAL JOINTS OCCURRING IN BRACED WALL PANELS PER R802.10.1.  
E. SHEAR WALL MATERIAL SHALL BE AS SPECIFIED IN SHEAR WALL SCHEDULE.  
F. SHEAR WALL NAILING SHALL BE AS SPECIFIED IN SHEAR WALL SCHEDULE.
  - 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. IN THE EVENT OF THE DISCOVERY OF EXPANSIVE SOILS, THE SERVICES OF A SOILS ENGINEER MAY BE REQUIRED.  
C. 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  
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**
- GENERAL:  
A. ERECTION PROCEDURES SHALL CONFORM TO OSHA STANDARDS. BUILDER SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES, TREES, UTILITIES, ETC.  
B. PERMITS MUST BE OBTAINED FOR ALL SHORING OR BRACING AS REQUIRED AND PER GOVERNING REGULATIONS.  
C. ALL WOOD CONSTRUCTION CONNECTIONS 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 WALLS.
  - PLYWOOD DIMENSIONS  
15/32" CDX PLYWOOD OR 7/16" OSB.
  - MATERIAL EVALUATION REPORT IDENTIFICATION  
A. ICCES REPORT #ESR-1082  
B. SMARTSIDE SIDING BY LP CORPORATION PER  
C. SMARTSIDE SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICCES REPORT #ESR-1844  
D. HARDIE PLANK LAP SIDING BY JAMES HARDIE BUILDING PRODUCTS PER ICCES REPORT #ESR-2290  
E. LAMINATED VENEER LUMBER (LVL) BY WEYERHAEUSER PER ICCES REPORT #ESR-1387  
F. ASPHALT SHINGLES BY GAF PER ICCES REPORT #ESR-4175  
G. HOLLOW-PROFILED HOLD-DOWNS BY SIMPSON STRONG-TIE PER ICCES REPORT #ESR-2811  
H. SITE ANCHOR BOLTS BY SIMPSON STRONG-TIE PER ICCES REPORT #ESR-2811.



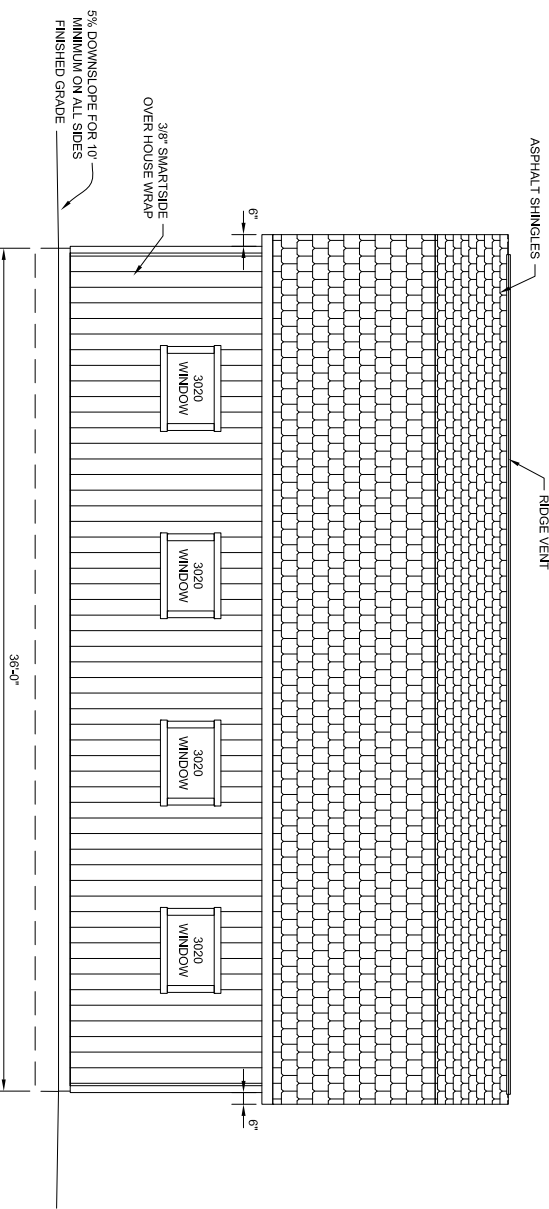
**WALL A ELEVATION**



**WALL B ELEVATION**



**WALL C ELEVATION**



**WALL D ELEVATION**

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PO No. EP-1394 Inv No. PRESALE  
Customer: LAURI CROSS  
Description:  
ACCESSORY BUILDING  
18' X 36' = 648 SQ FT  
Site Address:  
5975 BURGESS RD.  
COLORADO SPRINGS, CO 80908

STRUCTURAL DRAWINGS BY:  
**TUFF SHED**  
IN HOUSE DRAFTING  
DEPARTMENT  
1777 S. HARRISON STREET  
DENVER, COLORADO 80210  
(303) 753-TUFF

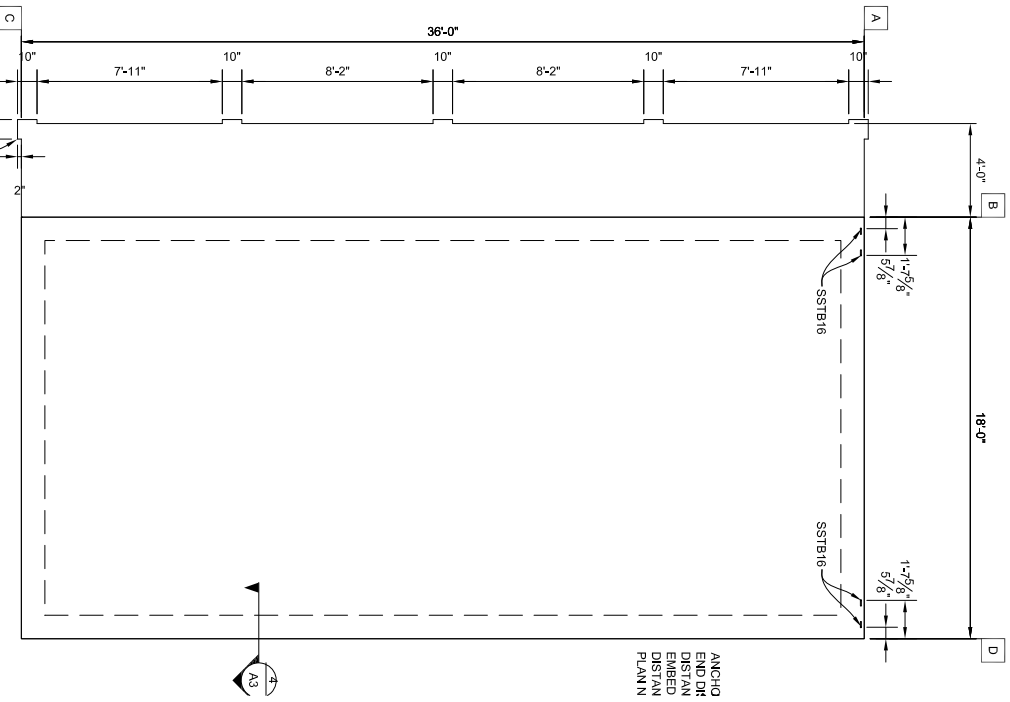
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**TUFF SHED**  
Storage Buildings & Garages  
TUFF SHED, INC.  
1313 EAST CHEYENNE ROAD  
COLORADO SPRINGS, CO 80905  
(719) 635-8833  
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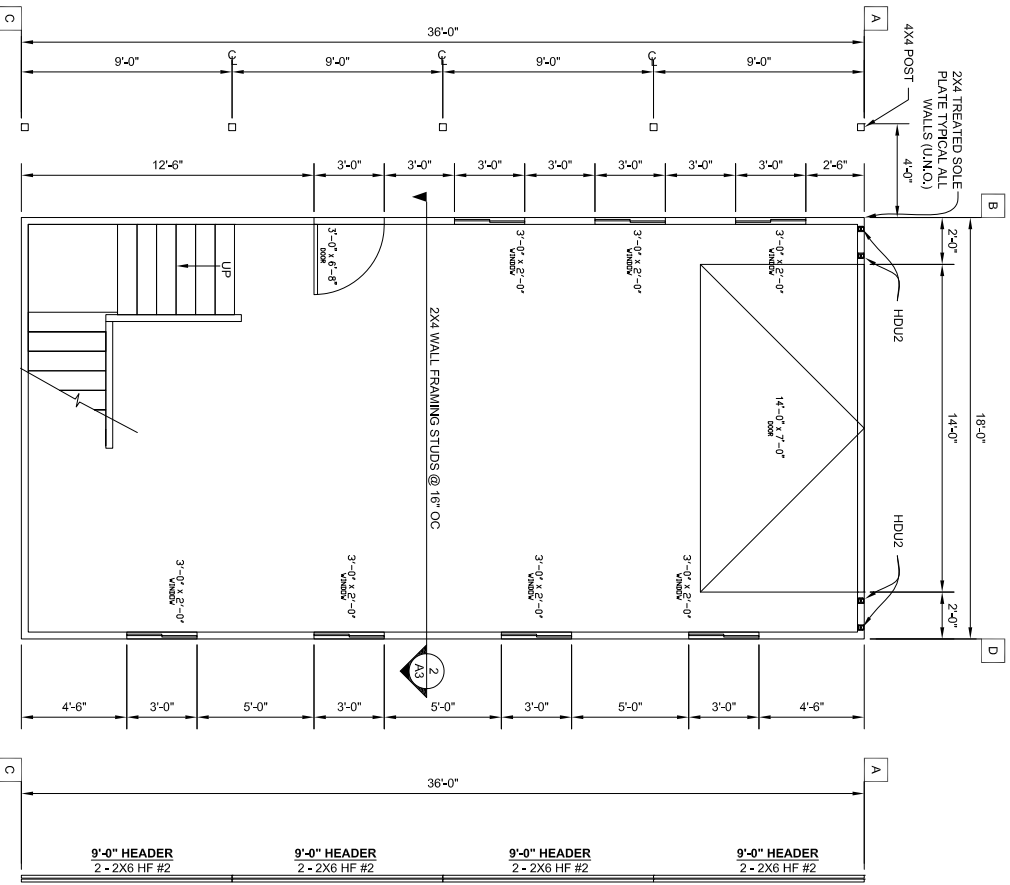
Drawn By: TB  
Date: 9/13/19  
Checked By:  
Date:  
Revised:  
Title:  
PROJECT NOTES  
ELEVATIONS  
Scale: 1/4" = 1'-0"  
Sheet:  
**A1**  
Sheet 1 of 3

NAILING SCHEDULE		SHEAR WALL SCHEDULE		SHEAR WALL SCHEDULE		
CHORD SPLICE NAILING: (4) - 16d (TOENAIL)	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	UNLESS SPECIFIED HEREIN, ALL NAILING SHALL BE PER 2015 IBC TABLE R602.3(1).	2X4 FRAMING, SHEATH THE EXTERIOR WITH 3/8" SMARTSIDE, 18'-0" LONG TOTAL. DOUBLE PORTAL FRAME USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 3" OC FIELD: 8d COMMON @ 3" OC	2X4 FRAMING, SHEATH THE EXTERIOR WITH 3/8" SMARTSIDE, 18'-0" LONG TOTAL. 18" USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC NO HOLDOWNS REQUIRED.	2X4 FRAMING, SHEATH THE EXTERIOR WITH 3/8" SMARTSIDE, 36'-0" LONG TOTAL. (4.5'+5'+5'+5'+4.5') = 24' USED FOR SHEAR. NAILING: EDGE: 8d COMMON @ 6" OC FIELD: 8d COMMON @ 12" OC NO HOLDOWNS REQUIRED.
PROVIDE 2X4 SOLID BLOCKING ON ALL UNSUPPORTED EDGES OF PLYWOOD ON SHEAR WALLS.	2X4 FRAMING, SHEATH THE EXTERIOR WITH 3/8" SMARTSIDE, 18'-0" LONG TOTAL. 18" USED FOR SHEAR.	2X4 FRAMING, SHEATH THE EXTERIOR WITH 3/8" SMARTSIDE, 36'-0" LONG TOTAL. (4.5'+5'+5'+5'+4.5') = 24' USED FOR SHEAR.	160	220	114	220
END WALL SHEAR TRANSFER: SHEATHING AT END WALL LAPS TOP PLATE OF WALL BELOW. PROVIDE EDGE NAILING. REFERENCE END WALL ASSEMBLY/A3. OR BALLOON FRAME END WALLS.	END WALL SHEAR TRANSFER: SHEATHING AT END WALL LAPS TOP PLATE OF WALL BELOW. PROVIDE EDGE NAILING. REFERENCE END WALL ASSEMBLY/A3. OR BALLOON FRAME END WALLS.	END WALL SHEAR TRANSFER: SHEATHING AT END WALL LAPS TOP PLATE OF WALL BELOW. PROVIDE EDGE NAILING. REFERENCE END WALL ASSEMBLY/A3. OR BALLOON FRAME END WALLS.	150	150	150	150

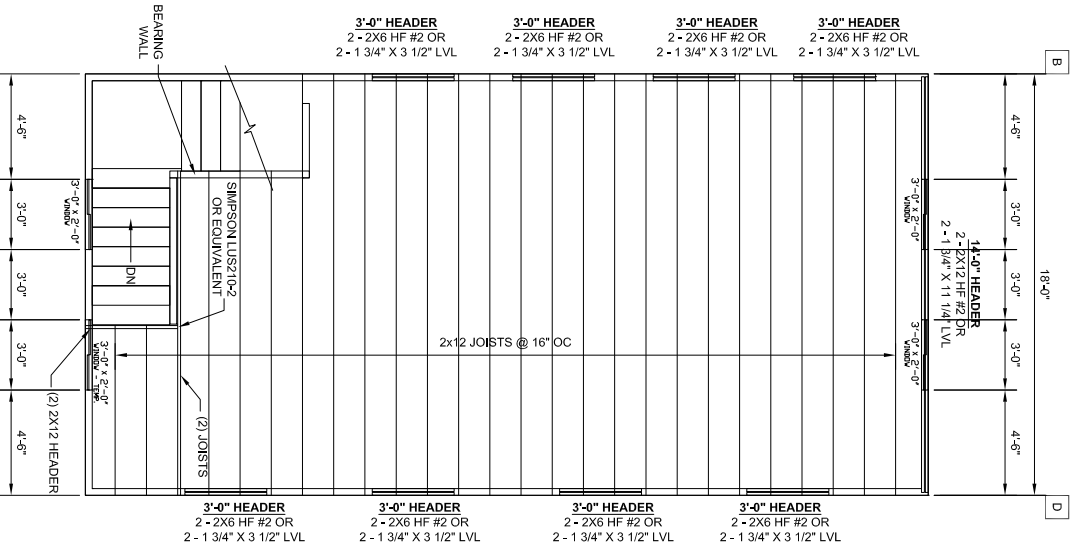
WHEN PERFORATED SHEAR WALL DESIGN IS DESIGNATED, AREAS ABOVE AND BELOW OPENINGS ARE USED IN SHEAR CALCULATIONS. REFER TO ANSII/AWC SDPWS.



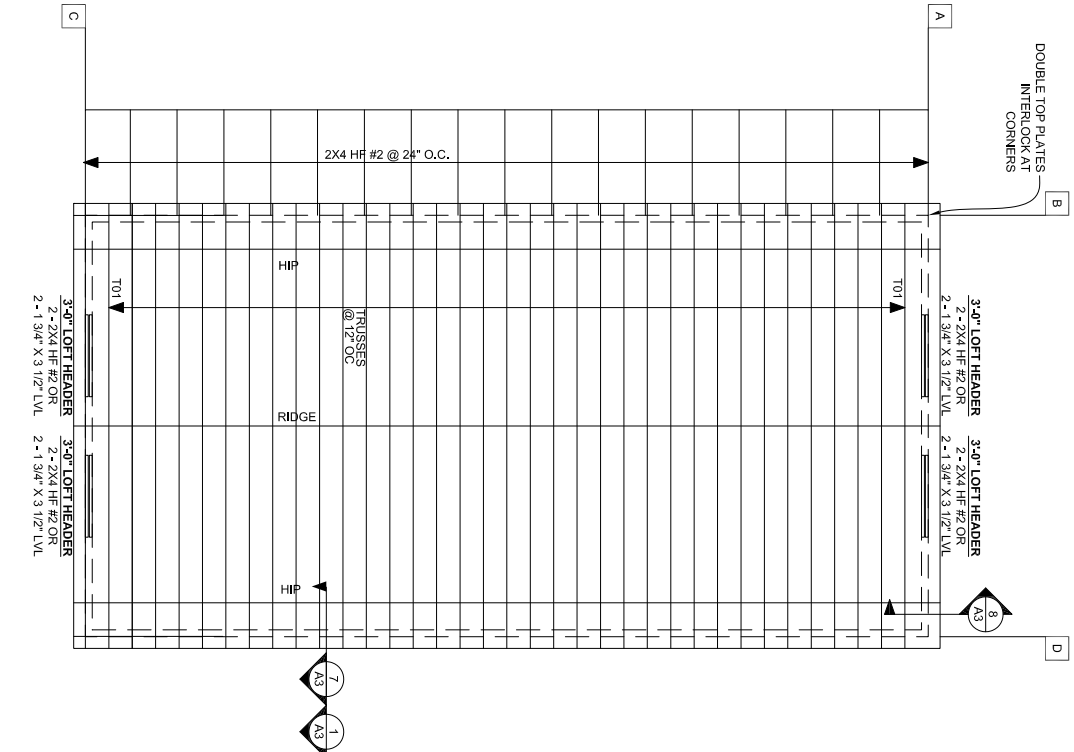
FOUNDATION PLAN



FLOOR PLAN



LOFT PLAN



ROOF FRAMING PLAN

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

**A2**

