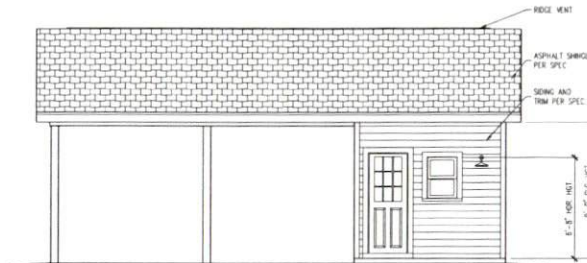


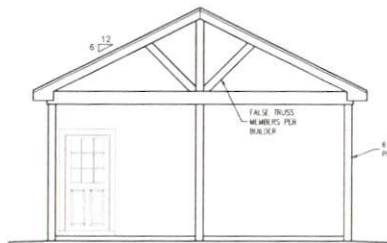
REAR ELEVATION



FRONT ELEVATION

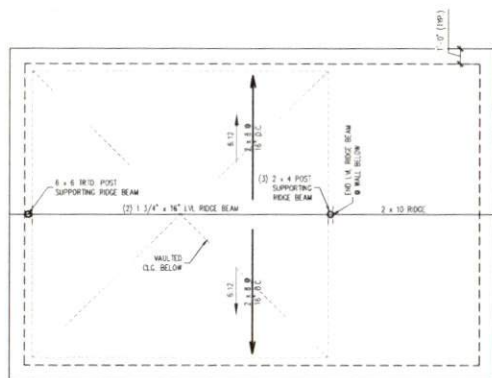


RIGHT ELEVATION

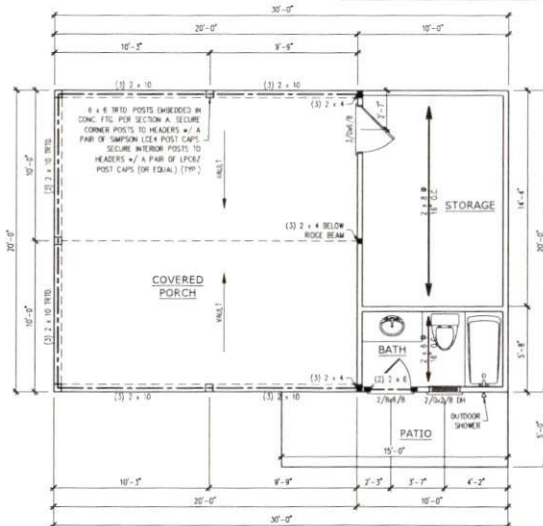


LEFT ELEVATION

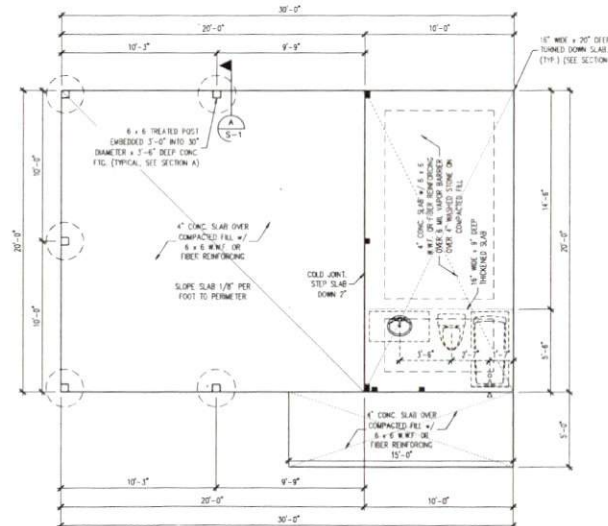
SQUARE FOOTAGE	
COVERED PORCH:	400 SQ. FT.
STORAGE:	143 SQ. FT.
BATH:	57 SQ. FT.
TOTAL:	600 SQ. FT.
PATIO:	75 SQ. FT.



ROOF FRAMING PLAN



CEILING FRAMING PLAN



FOUNDATION PLAN

- STRUCTURAL FRAMING NOTES:**
1. ALL FRAMING LUMBER TO BE SPF #2 (LNG) ALL TREATED LUMBER TO BE SPF #2 (LNG)
 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (LNG)
 3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. (END) (LNG)
 4. BRACED WALL DESIGN PER SECTION R102 TO OF THE NIRC 2018 EDITION
 5. CONTRACTOR SHALL INSTALL 7/8" OSB ON ALL EXTERIOR WALLS ATTACHED w/ 8d NAILS SPACED 16" O.C. ALONG FRAME EDGES AND 12" O.C. IN THE FIELD
 6. SHEATH ROOF w/ 7/16" OSB SHEATHING SECURED w/ 8d NAILS 16" O.C. ALONG EDGES AND 12" O.C. IN THE FIELD
 7. INSTALL (2) SIMPSON HCLR HORIZONTAL TC (OR EQUAL) w/ EA. RAFTER BEARING
 8. FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT ENGINEER IF ALLOWABLE BEARING CAPACITY CAN NOT BE ACHIEVED.

- CODE NOTES: 120 MPH ULTIMATE DESIGN WIND SPEED w/ MEAN ROOF HEIGHT LESS THAN 30'**
1. ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING ROOF SYSTEM
 2. STRUCTURAL DESIGN PER NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION
 3. INSTALL 1/2" ANCHOR BOLTS 6'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER (MIN. (2) ANCHORS PER PLATE SECTION) ANCHOR BOLTS MUST EXCEED A MINIMUM OF 3" INTO MASONRY OR CONCRETE. LOCATE BOLT IN MIDDLE THIRD OF PLATE THICK.
 4. MEAN ROOF HEIGHT 6' LESS THAN 30 FEET
 5. EXTERIOR WALLS DESIGNED FOR 120 MPH WINDS
 6. WALL CLADDING DESIGNED FOR +15.5 PSF AND -20 PSF (-/-) INDICATE POSITIVE / NEGATIVE PRESSURE (19F)
 7. ROOF CLADDING DESIGNED FOR +14.2 PSF AND -18 PSF FOR ROOF PITCHES 7/12 TO 12/12 AND +10 PSF AND -36 PSF FOR ROOF PITCHED 1.25/12 TO 7/12
 8. INSTALL 7/16" OSB SHEATHING ON ALL EXTERIOR WALLS OF ALL STORES IN ACCORDANCE WITH SECTION R102(1) OF THE NIRC, 2018 EDITION
 9. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NIRC, 2018 EDITION

PREPARED UNDER THE SUPERVISION OF



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 (919) 864-1430 • jsmithstructural@gmail.com
 N. C. CERTIFICATE NUMBER P-2212



POOL HOUSE
LOTS 1 AND 2 TIMBER RAIL LANE
TRIANGLE HOME PROS, LLC.

DRAWN BY: DHP
 ENGINEERED BY: J. SMITH
 SCALE: 1/8" = 1'-0"
 DATE: 11-18-2021
 SHEET: 1 OF 1

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POOL HOUSE
PLANS