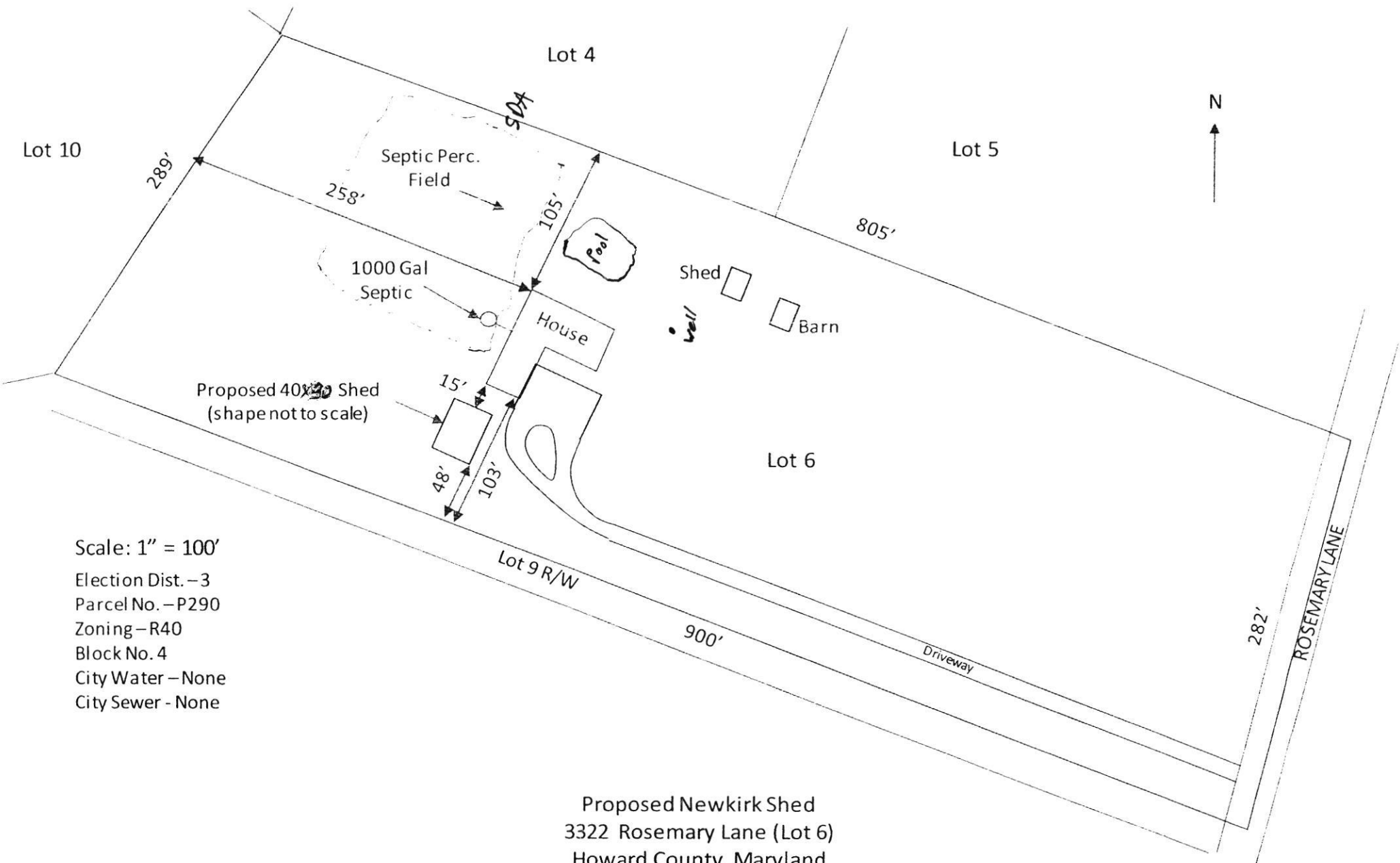


PERMIT NUMBER: B 22091861

DATE ACCEPTED:

<b>RESIDENTIAL BUILDING PERMIT APPLICATION</b>					
HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS					
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4					
<a href="http://www.howardcountymd.gov">www.howardcountymd.gov</a>					
<b>BUILDING SITE ADDRESS REQUIRED</b>					
Street Address: <u>3322 Rosemary Lane</u>					Unit:
City: <u>West Friendship</u>			State: <u>MD</u>		Zip Code: <u>21794</u>
Subdivision/Village/Complex Name:				SDP/WP/BA #:	
Lot:	Tax Map:	Parcel:	Grading Permit #:		
<b>DESCRIPTION OF WORK REQUIRED</b>					
Existing Use: <u>Residential</u>		Proposed Use: <u>Residential</u>		Estimated Cost: \$ <u>40,000.00</u>	
Trade Work to Be Completed (Separate Permits Required): <input type="checkbox"/> Mechanical (HVACR) <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> None					
<u>30 x 40 Pole Barn / Detached Garage</u> <u>1200 sq ft</u>					
<b>PROPERTY OWNER INFORMATION REQUIRED</b>					
Owner(s) Name(s) (As it appears on tax records): <u>Mike Newkirk</u>					Primary Residence: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Owner's Street Address: <u>3322 Rosemary Lane</u>					
City: <u>West Friendship</u>			State: <u>MD</u>		Zip Code: <u>21794</u>
Phone:			Email: <u>md.newkirk.home@gmail.com</u>		
<b>APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION</b>					
Business Name: <u>RD Contractors LLC</u>			Contact Name: <u>Robert DePh</u>		
Street Address: <u>2357 Gillis Rd</u>					
City: <u>Mt. Airy</u>			State: <u>MD</u>		Zip Code: <u>21771</u>
Phone: <u>443-346-7725</u>			Email: <u>robertdeph64@gmail.com</u>		
<b>CONTRACTOR INFORMATION REQUIRED</b>					
Business Name: <u>RD Contractors LLC</u>					
Licensee's Name: <u>Terry DePh</u>			License #: <u>94904</u>		
Street Address: <u>2357 Gillis Rd</u>					
City: <u>Mt. Airy</u>			State: <u>MD</u>		Zip Code: <u>21771</u>
Phone: <u>443-346-7725</u>			Email:		
<b>ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE</b>					
Business Name: <u>Ronald Johnston Assoc. Arch</u>			Name: <u>Ronald Johnston</u>		
Street Address: <u>11407 Berley Field Way</u>					
City: <u>Mariettaville</u>			State: <u>MD</u>		Zip Code: <u>21104</u>
Phone: <u>410 442 3667</u>			Email:		
<b>BUILDING CHARACTERISTICS REQUIRED</b>					
Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)					Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Gas		Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)		Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)	
Heating System: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Other:				Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #	
Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFPA 13D <input checked="" type="checkbox"/> None			Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac		
<b>ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)</b>					
Model Name & Options:					
# of Bedrooms (SF):		# of efficiency units (MF*):		# of 1 BR (MF*):	
# of 2 BR (MF*):		# of 3 BR (MF*):			
# Rooms: <u>1</u>		# Full Baths: <u>0</u>		# Half Baths: <u>0</u>	
# Fireplaces: <u>0</u>					
Garage/Carport Info: <input type="checkbox"/> Attached Garage <input checked="" type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None					
Basement/Foundation Info: <input checked="" type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input type="checkbox"/> Partial					
1 <sup>st</sup> Fl Width: <u>40</u>		1 <sup>st</sup> Fl Depth: <u>30</u>		2 <sup>nd</sup> Fl Width: <u>N/A</u>	
2 <sup>nd</sup> Fl Depth: <u>N/A</u>		Bsmt Width: <u>N/A</u>		Bsmt Depth: <u>N/A</u>	
Energy Method: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI			Gross Area: <u>1200</u> sq ft		Occupiable Area: <u>0</u> sq ft
<b>AGREEMENT/ DISCALIMER REQUIRED</b>					
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.					
APPLICANT'S ORIGINAL SIGNATURE: <u>Robert DePh</u>				DATE SIGNED: <u>5-9-22</u>	
<b>FOR OFFICE USE ONLY</b>					
CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY					
AGENCIES REQUIRED/APPROVALS:					
<input type="checkbox"/> PR	<input type="checkbox"/> DPZ	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> Health <u>98 5/12/22</u>	<input type="checkbox"/> SHA	<input type="checkbox"/> CID
SUBMITTAL FEES: <u>\$25.00</u>		PAYMENT: <u>1929</u>		ACCEPTED BY: <u>[Signature]</u>	



Scale: 1" = 100'  
 Election Dist. - 3  
 Parcel No. - P290  
 Zoning - R40  
 Block No. 4  
 City Water - None  
 City Sewer - None

Proposed Newkirk Shed  
 3322 Rosemary Lane (Lot 6)  
 Howard County, Maryland

## NOTES

### 1.0 GENERAL

1.01 THE BUILDER SHALL BE RESPONSIBLE AND LIABLE FOR FULL COMPLIANCE WITH ALL APPLICABLE BUILDING CODES, ORDINANCES, REGULATIONS AND AMENDMENTS, AND ALL OTHER AUTHORITIES HAVING JURISDICTION, WHETHER OR NOT SUCH CODES AND REQUIREMENTS ARE EXPLICITLY DOCUMENTED IN THESE DRAWINGS. CONSTRUCTION SHALL COMPLY WITH THE INTERPRETATIONS OF THE LOCAL BUILDING OFFICIAL. IF THE INTERPRETATION OF THE LOCAL BUILDING OFFICIAL IS AT VARIANCE WITH THESE PLANS OR SPECIFICATIONS, THE MORE STRINGENT SHALL APPLY. USE OF THESE DRAWINGS TO OBTAIN A BUILDING PERMIT OR TO CONSTRUCT THE STRUCTURE DOCUMENTED HEREIN SHALL CONSTITUTE ACCEPTANCE OF THESE CONDITIONS BY THE BUILDER.

1.02 IN THE EVENT OF A DISCREPANCY BETWEEN THE ARCHITECTURAL PLANS OR SPECIFICATIONS AND THE STRUCTURAL DRAWINGS, THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE.

#### 1.03 DESIGN LOADS:

TYPE	LIVE LOAD (PSF)	DEAD LOAD (PSF)
ROOF	40	15
SLEEPING ROOMS	30	10
OTHER LIVING AREAS	40	15
GARAGE FLOORS	50	50
DECKS	40	10
EXTERIOR BALCONIES	40	10

2.01 SITE WORK IS NOT ADDRESSED IN THESE DOCUMENTS. 2000 PSF SOIL BEARING CAPACITY ASSUMED.

### 3.0 CONCRETE/FOUNDATIONS

3.01 ALL REINFORCED CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE ACI 318, CURRENT EDITION. ALL PLAIN CONCRETE SHALL CONFORM TO ACI 318.1 AND ACI 332R GUIDE TO RESIDENTIAL CAST-IN-PLACE CONCRETE CONSTRUCTION.

#### 3.02 MINIMUM SPECIFIED COMPRESSIVE STRENGTH @ 28 DAYS:

LOCATION OF CONCRETE	$f_c$ (PSI)
BASEMENT WALLS AND FOUNDATIONS NOT EXPOSED TO WEATHER	2500
BASEMENT SLABS AND INTERIOR SLABS ON GRADE	2500
BASEMENT WALLS, EXTERIOR FOUNDATION WALLS AND OTHER WORK EXPOSED TO WEATHER	3000
DRIVEWAYS, CURBS, WALKS, PATIOS, PORCHES, STEPS/STAIRS AND UNHEATED GARAGE SLABS EXPOSED TO WEATHER	3500

3.03 THICKNESS AND REINFORCING OF CONCRETE FOUNDATION WALLS SHALL CONFORM TO 2018 IRC TABLE R404.1.2(3-4), OR WITH SEALED STRUCTURAL DRAWINGS SPECIFIC TO THE SITE SOIL AND GRADE CONDITIONS.

### 4.0 MASONRY

4.01 ALL MASONRY WORK SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE BIA AND NCMA "SPECIFICATION FOR CONCRETE MASONRY CONSTRUCTION."

4.02 BRICK VENEER WALLS SHALL HAVE NON-CORROSIVE METAL TIES AT MINIMUM 16" O.C. VERTICALLY AND HORIZONTALLY, AND WEEP HOLES AT 24" O.C. AT BASE FLASHING AND CAVITY INTERRUPTIONS.

### 5.0 METALS

5.01 FOUNDATION ANCHOR BOLTS SHALL BE PROVIDED AT MAXIMUM 6'-0" O.C. AND 12" FROM THE END OF EACH PLATE SECTION, WITH MINIMUM TWO (2) ANCHORS PER SECTION OF PLATE. ANCHOR STRAPS SPACED TO ACHIEVE EQUIVALENT CAPACITY MAY BE SUBSTITUTED FOR ANCHOR BOLTS.

5.02 ALL METAL ANCHORS, FASTENERS, HANGERS ETC. SHALL BE GALVANIZED. ALL STRUCTURAL STEEL WIDE-FLANGE BEAMS SHALL CONFORM TO ASTM A-992 WITH MINIMUM STRENGTH  $F_y = 50$  KSI. ALL STRUCTURAL STEEL CHANNELS, ANGLES, RODS AND BAR STOCK SHALL CONFORM TO ASTM A-36 WITH MINIMUM STRENGTH  $F_y = 36$  KSI.

5.03 ADJUSTABLE STEEL COLUMNS SHALL BE MINIMUM 11 GAUGE, ASTM A513 OR BETTER, AND SHALL MEET OR EXCEED AISA PUBLISHED ALLOWABLE LOAD CAPACITY. STEEL PIPE COLUMNS SHALL CONFORM TO ASTM A53 GRADE B WITH MINIMUM STRENGTH  $F_y = 35$  KSI. COLUMNS SHALL HAVE A MINIMUM 8"x4"x1/4" BEARING PLATE. SCREW JACK SHALL BE ENCASED IN CONCRETE OR TACK WELDED AFTER INSTALLATION.

### 6.0 WOOD

6.01 SILL PLATES AND ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE, AND ALL EXPOSED EXTERIOR LUMBER, SHALL BE PRESSURE TREATED TO MEET AWPI STANDARDS.

6.02 MOISTURE CONTENT OF ALL LUMBER SHALL NOT EXCEED 19%.

6.03 WOOD BEAMS, JOISTS, HEADERS AND RAFTERS SHALL BE MINIMUM S-P-F #1/#2 OR EQUAL UNLESS OTHERWISE NOTED.

6.04 LVL MEMBERS SHALL BE 3-3/4" WIDE, DEPTH PER PLANS, GANGED PER MANUFACTURER'S SPECIFICATIONS, WITH THE FOLLOWING MINIMUM PROPERTIES:  $F_b=2,600$  PSI;  $F_c \perp =750$  PSI;  $F_c \parallel =2,510$  PSI;  $F_v=285$  PSI;  $E=2,000,000$  PSI.

6.05 PSL MEMBERS SHALL BE SIZED PER PLANS, WITH THE FOLLOWING MINIMUM PROPERTIES:  $F_b=2,900$  PSI;  $F_c \perp =750$  PSI;  $F_c \parallel =2,900$  PSI;  $F_v=290$  PSI;  $E=2,000,000$  PSI.

6.06 PREFABRICATED FLOOR JOISTS OR FLOOR TRUSSES SHALL BE DESIGNED TO CARRY ALL IMPOSED LIVE AND DEAD LOADS WITH THE LIVE LOAD DEFLECTION NOT TO EXCEED  $L/480$ . ALL LAMINATED BEAMS AND BUILT-UP JOISTS TO BE DESIGNED/VERIFIED BY MFR TYPICAL THROUGHOUT. THE MANUFACTURER SHALL PROVIDE ALL REQUIRED HANGERS, SHEAR PANELS, BLOCKING/BRACING AND OTHER REQUIRED COMPONENTS. THE MANUFACTURER SHALL ALSO PROVIDE ALL DRAWINGS REQUIRED FOR PERMIT AND ERECTION PURPOSES, SIGNED AND SEALED IF REQUIRED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE JOB IS TO BE BUILT.

6.07 PRE-ENGINEERED TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE RECOMMENDATIONS TO CARRY ALL IMPOSED LIVE AND DEAD LOADS. THE MANUFACTURER SHALL SUPPLY ALL REQUIRED HANGERS, HOLD-DOWN STRIPS, SHEAR PANELS AND OTHER REQUIRED COMPONENTS. THE MANUFACTURER SHALL ALSO PROVIDE ALL DRAWINGS REQUIRED FOR PERMIT AND ERECTION PURPOSES, SIGNED AND SEALED IF REQUIRED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE JOB IS TO BE BUILT.

6.08 JOISTS SHALL BE DOUBLED UNDER PARALLEL WALLS THAT EXCEED ONE-THIRD THE JOIST LENGTH. JOISTS SHALL BE SPACED CLOSER UNDER BATH TUBS, CERAMIC OR MARBLE TILE, POTENTIAL WATER BEDS AND SIMILAR ANTICIPATED LOADING CONDITIONS. JOISTS SHALL NOT BE CUT, NOTCHED OR DRILLED EXCEPT AS PERMITTED BY 2018 IRC R502.8 OR OTHER APPLICABLE CODE.

6.09 HEADERS OVER FRAMED OPENINGS IN BEARING WALLS SHALL BE MINIMUM 2-2X10 UNLESS OTHERWISE NOTED ON DRAWINGS, BUT SHALL IN NO EVENT BE LESS THAN SPECIFIED IN 2018 IRC TABLE R602.7 OR OTHER APPLICABLE CODE.

6.10 STAIR TREADS SHALL HAVE A MINIMUM DEPTH OF 10". TREADS SHALL HAVE A PROJECTING NOSING OF MINIMUM 3/4", MAXIMUM 1 1/4", UNLESS TREAD DEPTH IS 1 1/4" OR GREATER. STAIR RISERS SHALL HAVE A MAXIMUM HEIGHT OF 7 1/4".

6.11 STAIR HANDRAILS SHALL BE LOCATED BETWEEN 34" AND 38" ABOVE THE SLOPED PLANE CONNECTING THE NOSINGS OF THE ASSOCIATED STAIR. HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH FLIGHT OF STAIRS OF FOUR OR MORE RISERS AND SHALL BE CONTINUOUS OVER THAT FLIGHT. UNLESS OTHERWISE NOTED IN THESE PLANS, STAIR HANDRAILS SHALL HAVE A GRIP OF TYPE 1: CIRCULAR HANDRAILS SHALL HAVE A DIAMETER OF BETWEEN 1 1/4" AND 2"; NON-CIRCULAR HANDRAILS SHALL HAVE A PERIMETER OF BETWEEN 4" AND 6 1/4" AND A MAXIMUM CROSS-SECTION WIDTH OF 2 1/4".

### 7.0 THERMAL AND MOISTURE PROTECTION

7.01 1/2" X 3-3/4" MIN COMPRESSIBLE SILL SEAL SHALL BE PROVIDED BENEATH ALL EXTERIOR SILL PLATES.

7.02 PROVIDE APPROVED CORROSION-RESISTIVE FLASHING AT THE INTERSECTION OF MASONRY AND WOOD FRAME CONSTRUCTION; OVER PROJECTING TRIM; WHERE DECKS, PORCHES, AND THE LIKE ARE ATTACHED TO WOOD FRAME CONSTRUCTION; AT ROOF TO WALL AND ROOF TO CHIMNEY INTERSECTIONS; IN ROOF VALLEYS; AT ALL ROOF PENETRATIONS; AT ALL WALL OPENINGS; AT ALL CAVITY INTERRUPTIONS AT MASONRY VENEER; AND ALL OTHER LOCATIONS REQUIRED TO PREVENT WATER PENETRATION OF THE STRUCTURE.

7.03 PROVIDE EXTERIOR FINISHES AS SHOWN ON DRAWINGS. INSTALL PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS OVER APPROVED WATER/WEATHER-RESISTANT BARRIER.

7.04 PROVIDE SOFFIT VENTS AND RIDGE VENTS AS SHOWN ON THE DRAWINGS, AND SUPPLEMENTAL ROOF VENTS IF AS REQUIRED TO MAINTAIN MINIMUM 1/300 FREE VENTILATION FOR HORIZONTALLY PROJECTED ROOF AREA. INSTALL PLASTIC OR CARDBOARD BAFFLES IN EACH TRUSS/RAFTER BAY TO MAINTAIN FREE AIR FLOW. ALL REVERSE GABLES SHALL BE OPEN TO MAIN ROOF ATTIC TO ALLOW FREE AIR FLOW.

### GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PROGRAMS AND PRECAUTIONS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS AND PROVIDE ALL REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO: ALL EMPLOYEES ON THE WORK AND ALL OTHER PERSONS WHO MAY BE AFFECTED THEREBY.

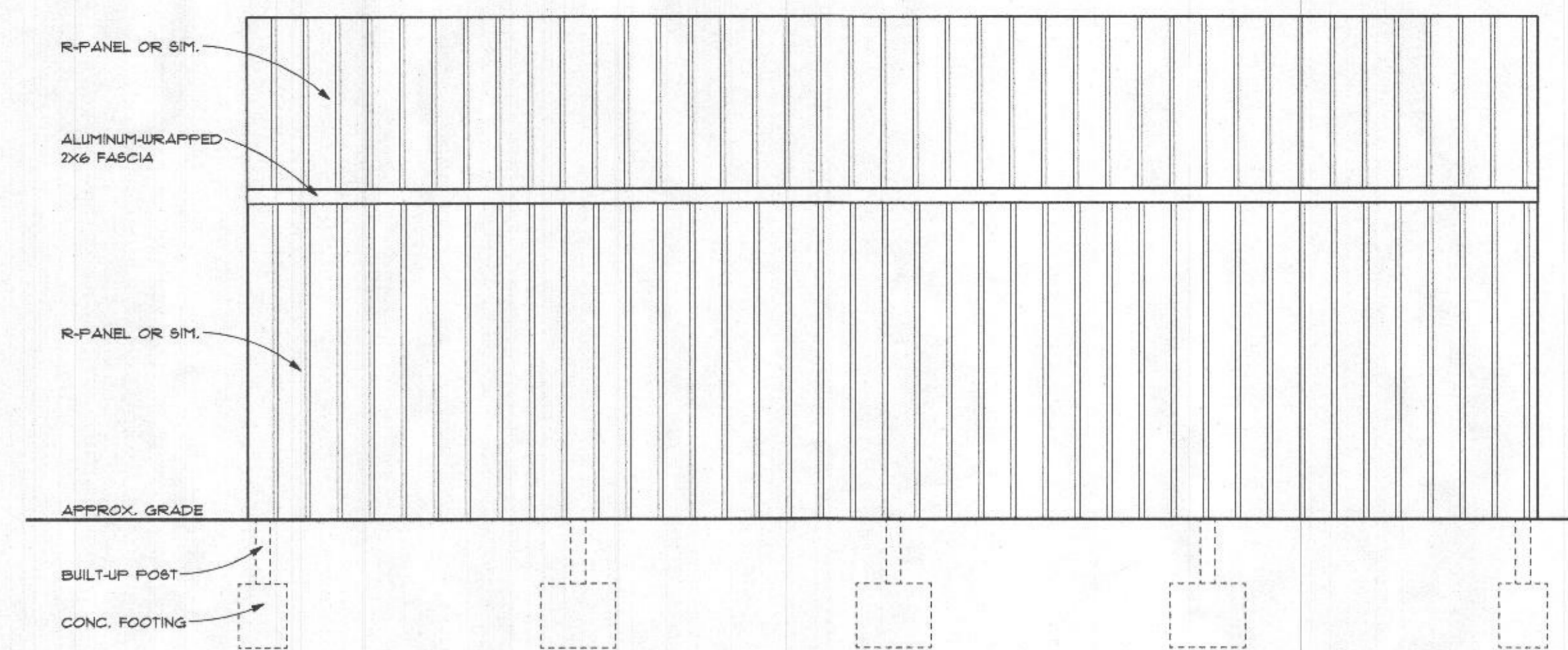
3. ALL PROJECT DEBRIS SHALL BE DISPOSED OF OFF THE SITE BY THE CONTRACTOR.

4. THE CONTRACTOR SHALL PROPERLY EXTEND, TERMINATE OR OTHERWISE MODIFY EXISTING UTILITIES, INCLUDING, BUT NOT LIMITED TO, MECHANICAL, ELECTRICAL AND PLUMBING INSTALLATIONS, AS MAY BE REQUIRED.

5. ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTORS. CONTRACTOR SHALL VERIFY ADEQUACY OF EXISTING STRUCTURE TO RECEIVE NEW CONSTRUCTION.

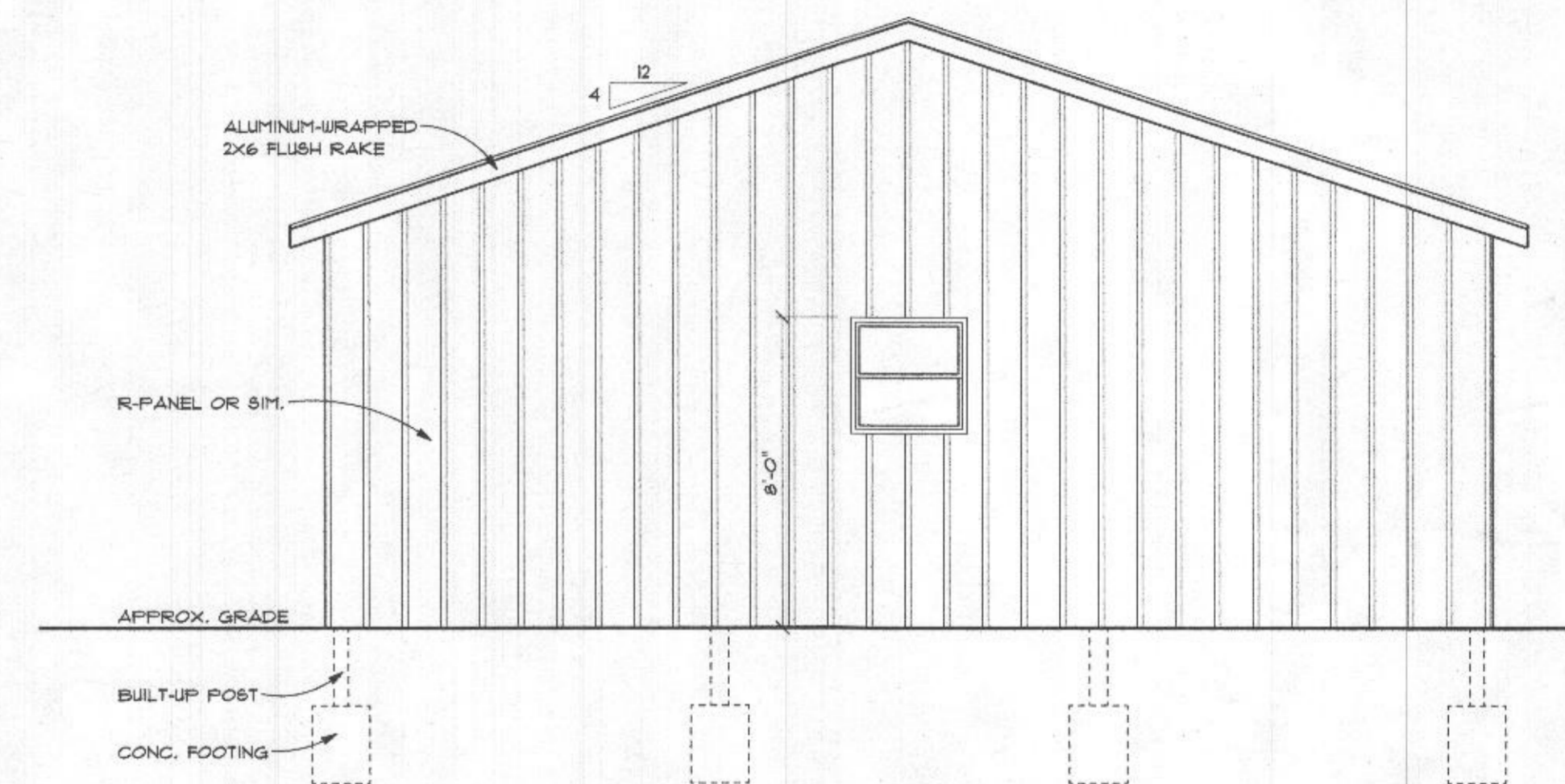
6. PROVIDE ACCESS PANELS AS REQUIRED AT ALL VALVES, CLEANOUTS, UTILITY PANELS, CABLE HOME RUNS, AND ALL OTHER LOCATIONS THAT READY ACCESS MAY BE REQUIRED.

NOTE: NO EXHAUSTIVE OR INVASIVE INVESTIGATION OF EXISTING CONDITIONS WAS PERFORMED. CONTRACTOR SHALL FIELD-VERIFY ALL CONDITIONS AND DIMENSIONS. IF A SIGNIFICANT DISCREPANCY OR UNANTICIPATED CONDITION IS DISCOVERED, CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER BEFORE PROCEEDING WITH THE WORK, AND SHALL NOT PROCEED UNTIL A MUTUALLY ACCEPTABLE RESOLUTION IS REACHED.



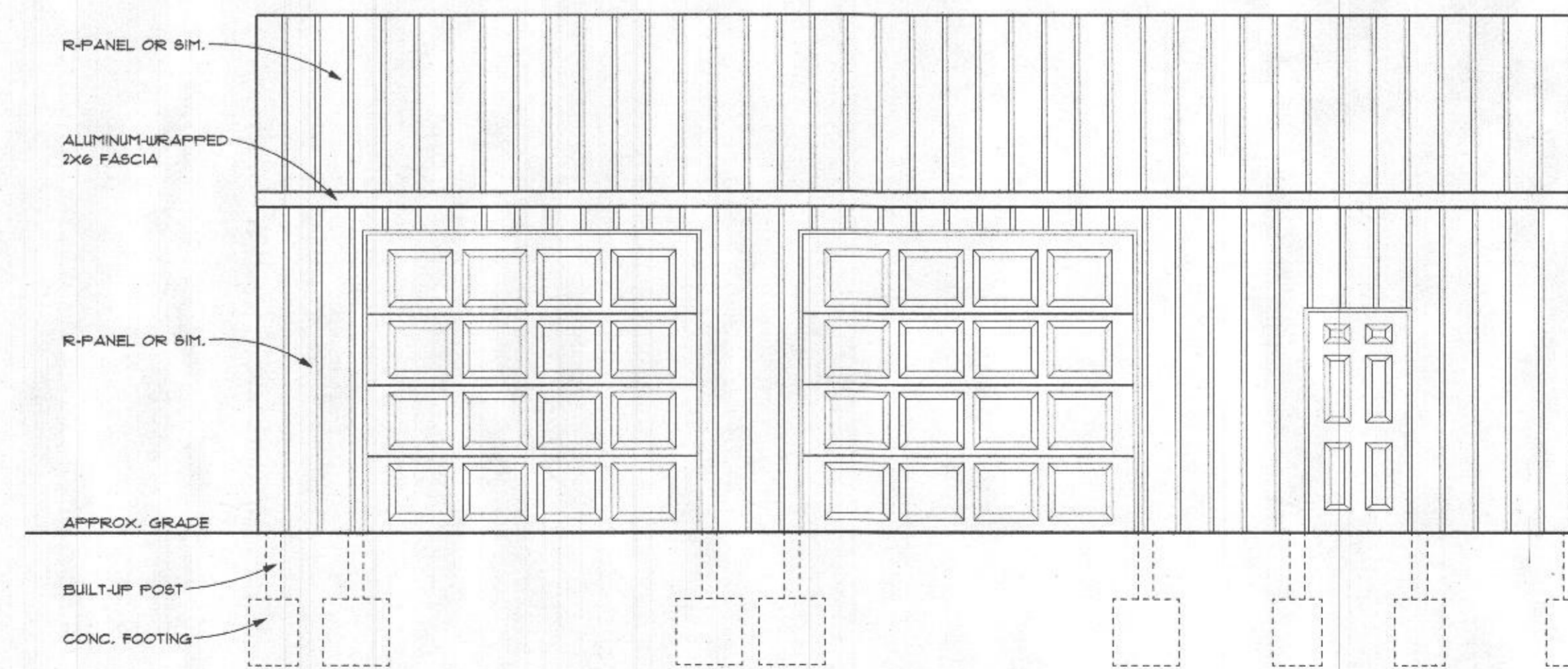
Rear Elevation

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



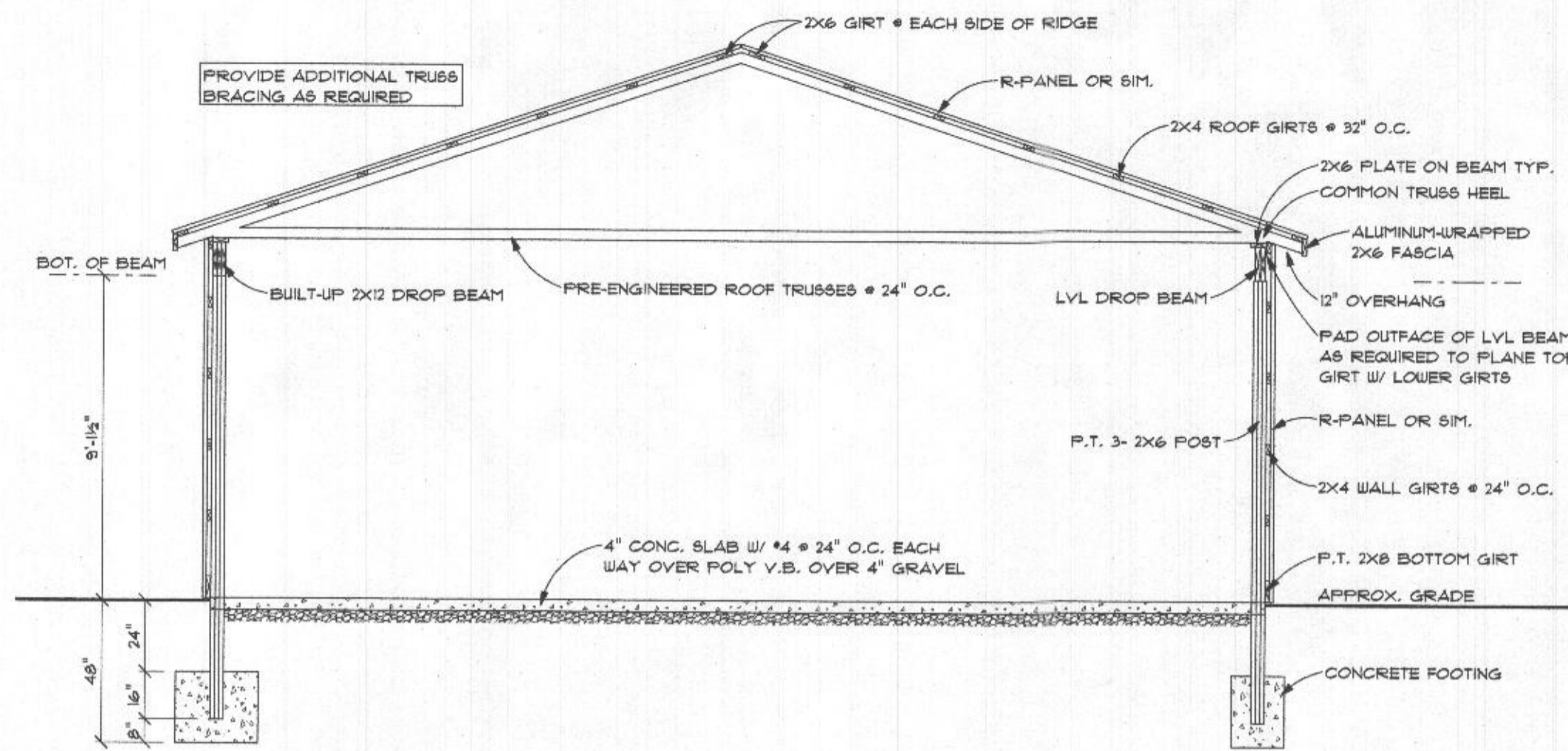
Side Elevation

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

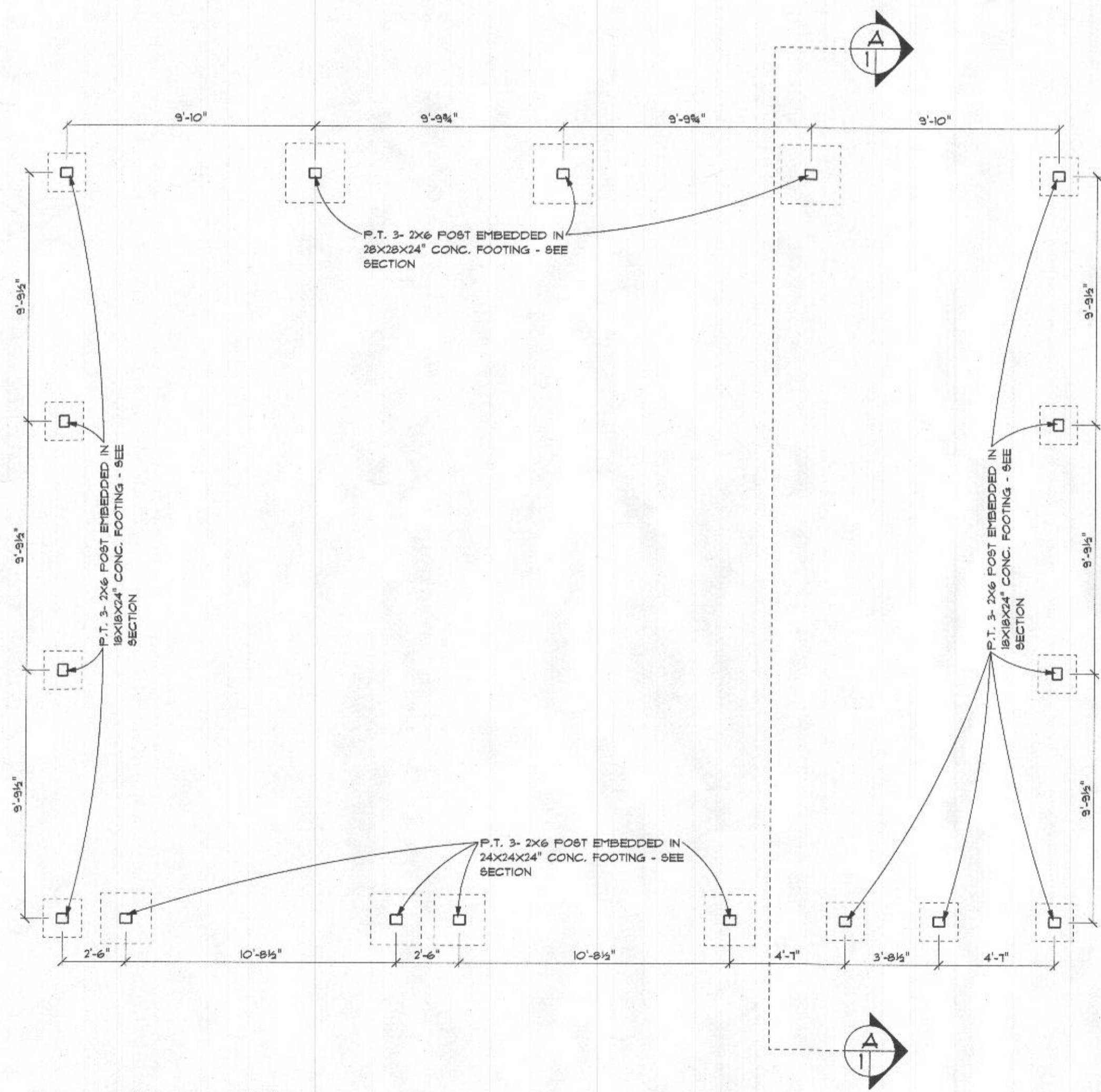


Front Elevation

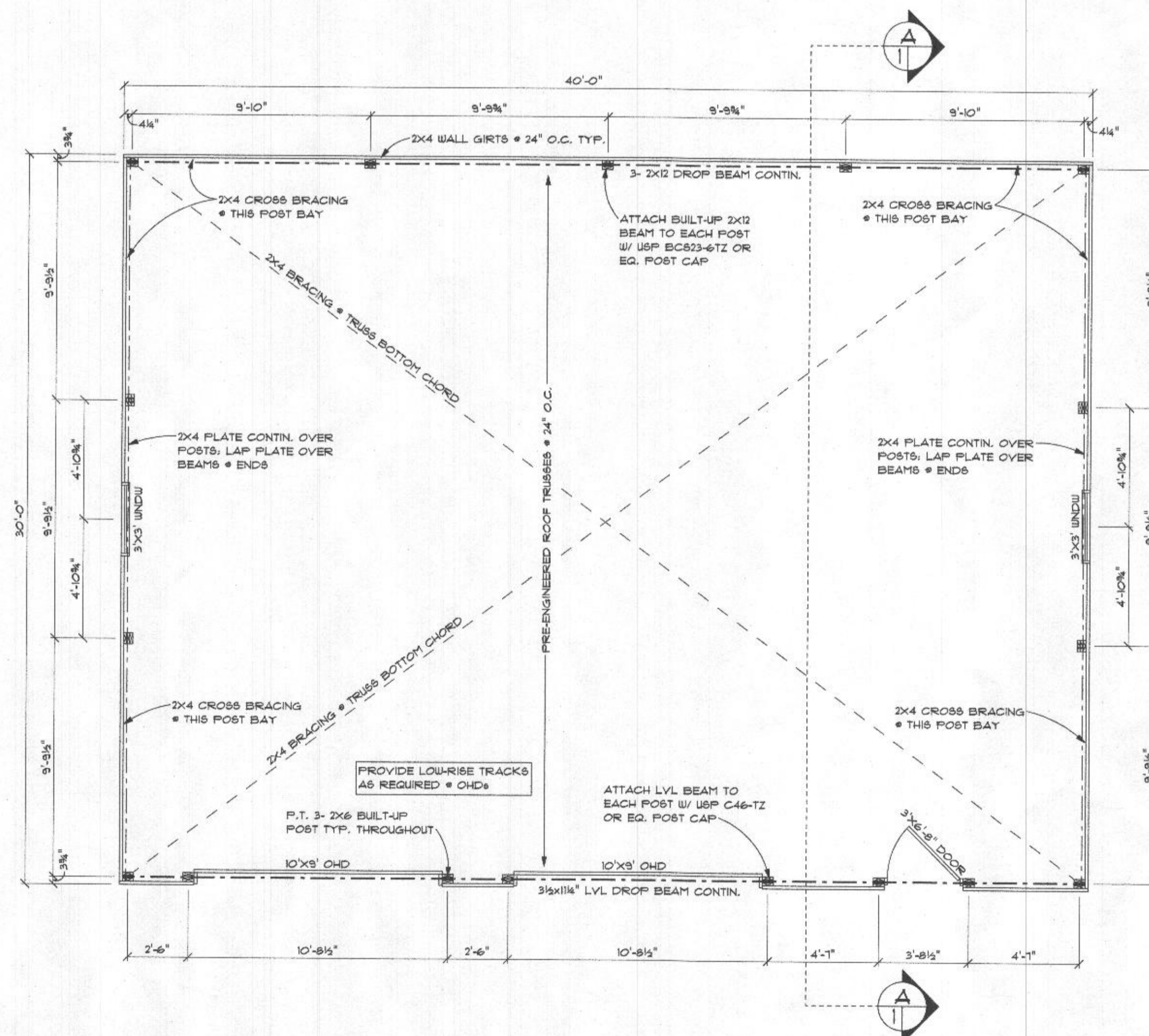
SCALE: 1/4" = 1'-0"



**Section A**  
SCALE: 1/4" = 1'-0"



**Foundation Plan**  
SCALE: 1/4" = 1'-0"



**Floor Plan**  
SCALE: 1/4" = 1'-0"

I CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY  
ME, AND THAT I AM A duly  
LICENSED ARCHITECT UNDER THE  
LAWS OF THE STATE OF  
MARYLAND.  
LICENSE NUMBER: 10019  
EXPIRATION DATE: 07/14/2022

REVISIONS	DATE	DESCRIPTION
	05-02-2022	

SHEET NO.  
**A-2**  
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