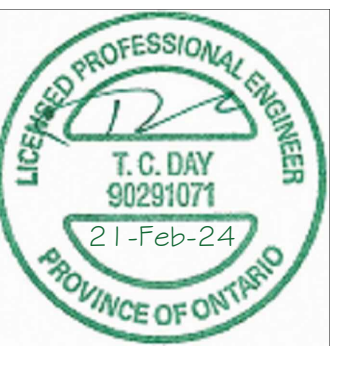


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**SLAB ON GRADE FOUNDATION NOTES:**

1. CONCRETE MATERIAL TO BE 32 MPA MIN. AGED COMPRESSIVE STRENGTH, 5%-8% AIR ENTRAINED.
2. SPIN TROWEL FINISH SURFACE.
3. FASTEN WOOD FRAMING TO FOUNDATION WALLS WITH 1/2" ANCHOR BOLTS EMBEDDED IN CONCRETE SPACED 6'-0" MAX. C/C. 2 PER SILL PLATE SECTION MINIMUM.
4. STRIP ALL ORGANIC TOPSOIL AND ANY UNSATISFACTORY SUBSOIL OFF THE ENTIRE BUILDING FOOTPRINT PLUS A MINIMUM OF 3'-0" ALL AROUND THE OUTSIDE OF THE FOOTPRINT. REMOVE ALL STUMPS AND ROOTS FROM THE FOOTPRINT. BACKFILL HOLES WITH WELL COMPACTED GRANULAR FILL.
5. UP-FILL SITE AS REQUIRED FOR THE BUILDING. USE GOOD CLEAN GRANULAR FILL (CRUSHER RUN/BREAKER RUN FOR THICKER FILL DEPTHS, CLEAR 3/4" STONE OR GRANULAR 'A' FOR FINAL TOPPING OF FILL). UP-FILL IN LAYERS WELL MECHANICALLY COMPACTED.
6. "PROOF ROLL" TOP OF FILL WITH VIBRATING PLATE TAMPER OR VIBRATING ROLLER COMPACTOR.
7. ESTABLISH FINAL LEVEL OF THE BUILDING AND FINAL SITE GRADES SO THAT THE SITE IS SLOPED AWAY FROM THE BUILDING ON ALL SIDES. ESTABLISH FINAL EXTERIOR GRADE TO BE 6" BELOW TOP OF SLAB. RAMP UP GRADE AT DOORWAYS TO 1" BELOW TOP OF SLAB.
8. DO NOT SET ONE CORNER OF THE SLAB ON BEDROCK AND THE REST ON FILL. IF BEDROCK IS ENCOUNTERED ENSURE A MINIMUM OF 6" OF FILL OVER THE ROCK AND COMPACT THE REST OF THE UNDER-FLOOR FILL THOROUGHLY.

**CONSTRUCTION NOTES:**

1. REFERENCE STANDARD ONTARIO BUILDING CODE 2012 (OBC). REFER TO THE OBC FOR DETAILS NOT INCLUDED HERE.
2. UNLESS OTHERWISE SPECIFIED INTERIOR CMU WALLS ARE DIMENSIONED TO FACE OF BLOCK, EXTERIOR WALLS ARE DIMENSIONED TO THE EXTERIOR FACE OF STRUCTURAL 2X4 STUD.
3. STRUCTURAL LUMBER TO BE SPRUCE-PINE-FIR NO.2 OR BETTER.
4. WIDTH OF BUILT-UP STUD POSTS SHALL NOT BE LESS THAN THE WIDTH OF THE GIRDER OR BEAM THAT THEY SUPPORT.
5. HANG WINDOWS AT 80" FROM SUB-FLOOR UNLESS OTHERWISE SPECIFIED.
6. WHERE SITE CONDITIONS REQUIRE DEVIATION FROM THESE PLANS THE BUILDER SHALL NOTIFY THE DESIGNER SO THAT SUITABLE CHANGES TO THE DESIGN CAN BE MADE.
7. SEAL ALL PENETRATIONS THROUGH THE AIR BARRIER WITH CAULKING AND TAPE.
8. REFER TO HVAC DESIGN FOR HEATING AND VENTILATION SYSTEM DETAILS.

**ROOF NOTES:**

1. INSTALL AND BRACE NEW ROOF TRUSSES PER TRUSS ENGINEER'S DRAWINGS.
2. REFER TO TRUSS ENGINEER'S DRAWINGS FOR TRUSS HANGER SPECIFICATIONS.

SYM.	SIZE	DESCRIPTION	QTY.
①	36x80	EXT. HALF LITE DOOR - LH	1
②	36x80	EXT. HALF LITE DOOR - RH	1
③	32x80	INT. SLAB DOOR - LH	1
④	16x8'	OVERHEAD	1

SYM.	SIZE	DESCRIPTION	QTY.
①	60x36	SLIDER	5

SYM.	SIZE
H1	2-2x8
H2	2-2x10

SYM.	SIZE
LVL-1	2 PLY 1 1/2" X 9 1/2" 2.0e MICROLLAM
LVL-2	2 PLY 1 1/2" X 16" 2.0e MICROLLAM

1/2" ANCHOR BOLTS @ 6'-0" MAX. C/C  
MIN. 2 PER PLATE  
SET IN CONC. APPROX. 1 1/4" FROM  
EDGE OF SLAB

10M BENT RE-BAR STIRRUPS @ 18"  
C/C AROUND PERIMETER OF SLAB

15M RE-BAR  
4 RUNS AROUND PERIMETER OF SLAB  
2" COVER MIN.

POURED CONCRETE SLAB 6" THICK  
W/ 1 1/2" THICK EDGE

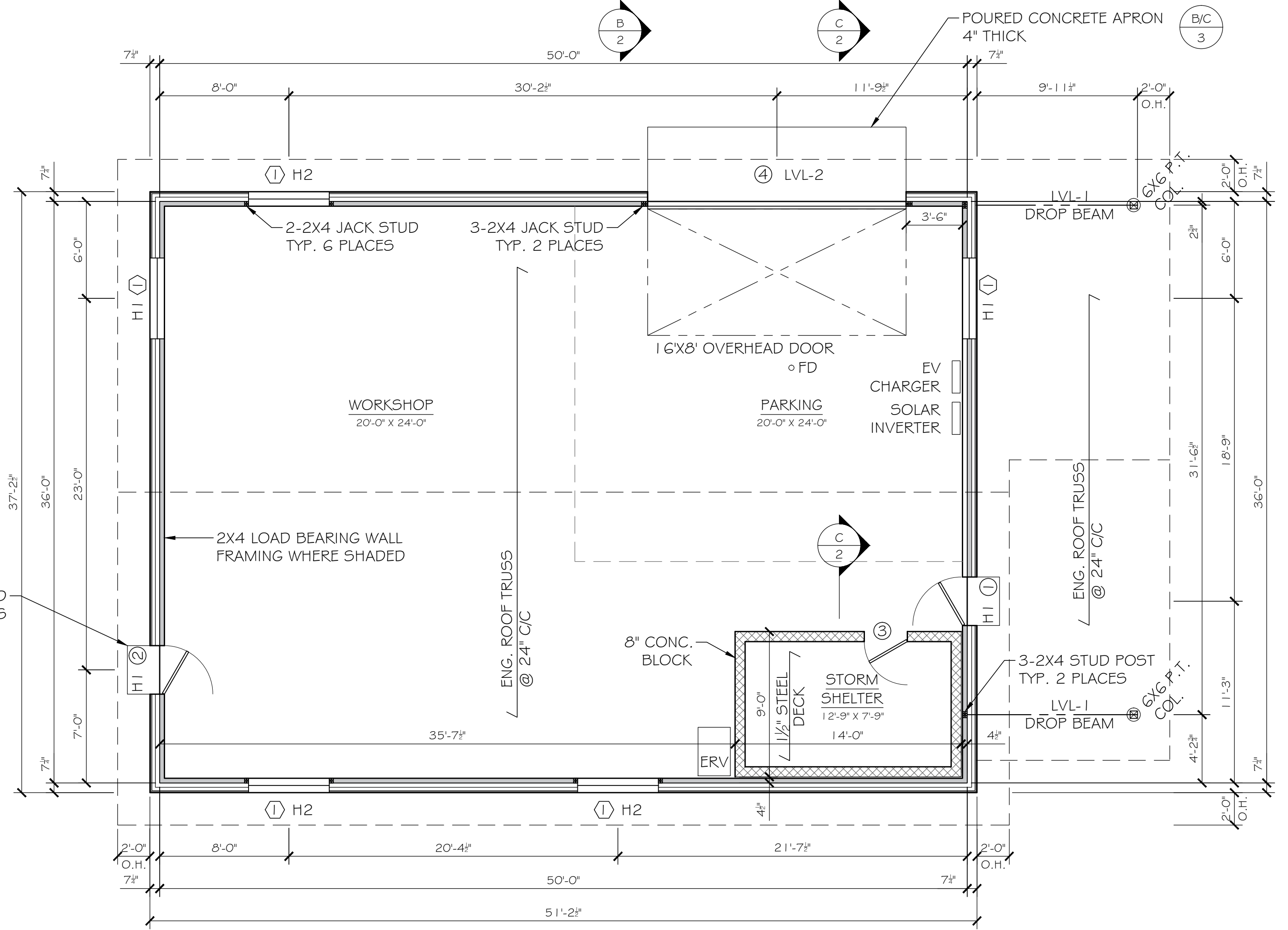
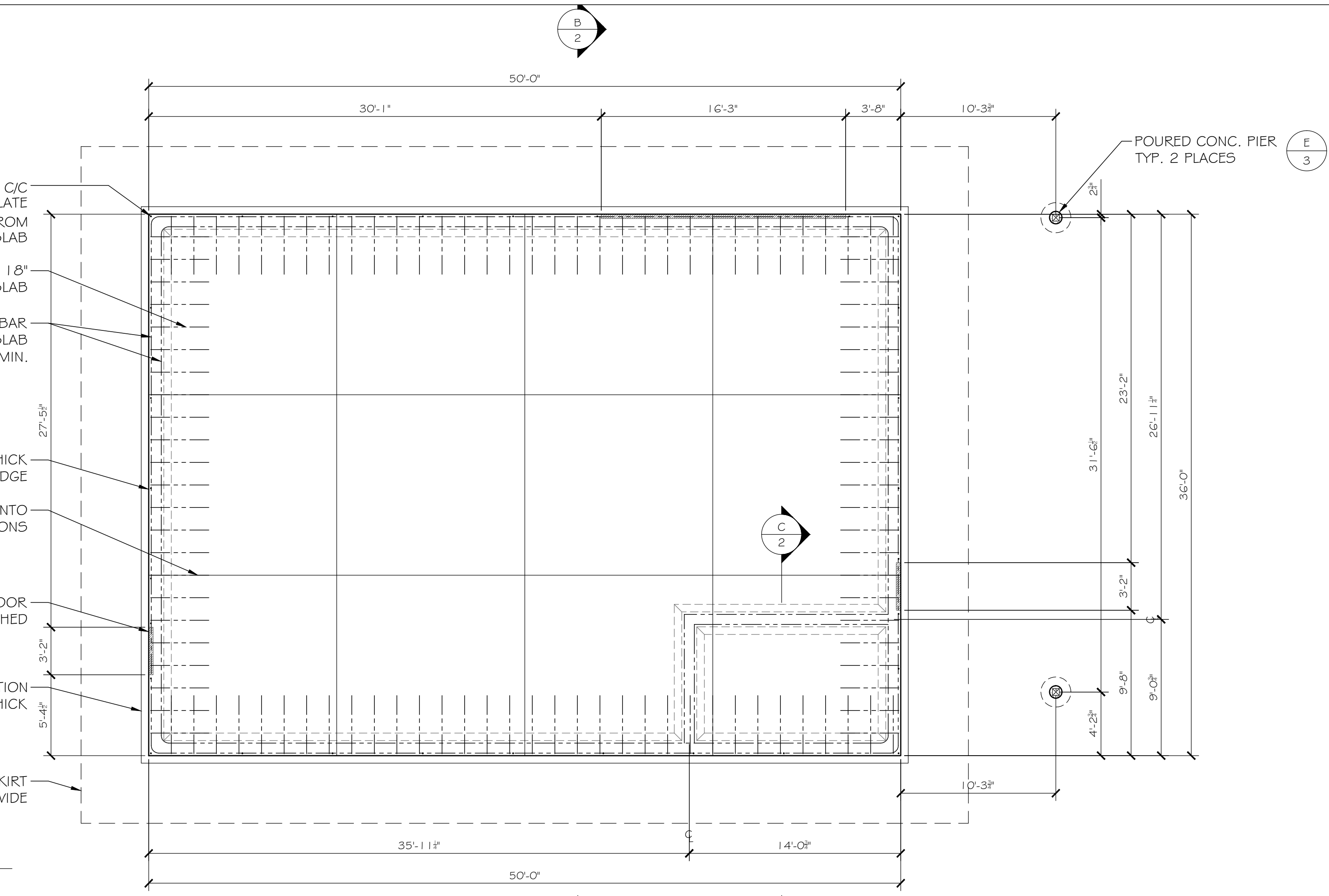
SAW CUT SLAB 1" DEEP INTO  
12'-0" X 12'-6" SECTIONS

OMIT ANCHOR BOLTS @ DOOR  
OPENINGS WHERE HATCHED

RIGID INSULATION  
6" THICK

LINE OF RIGID INSULATION SKIRT  
48" WIDE

**A**  
**1** FOUNDATION PLAN  
SCALE: 3/16" = 1'-0"



**B**  
**1** GROUND FLOOR PLAN  
SCALE: 3/16" = 1'-0"

PROJECT  
**DETACHED WORKSHOP  
MELBOURNE, ON**

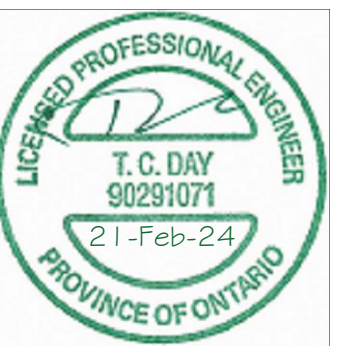
SHEET CONTENTS  
**FOUNDATION PLAN  
GROUND FLOOR PLAN**

SCALE  
**AS NOTED**

SHEET NO.  
**1 OF 3**

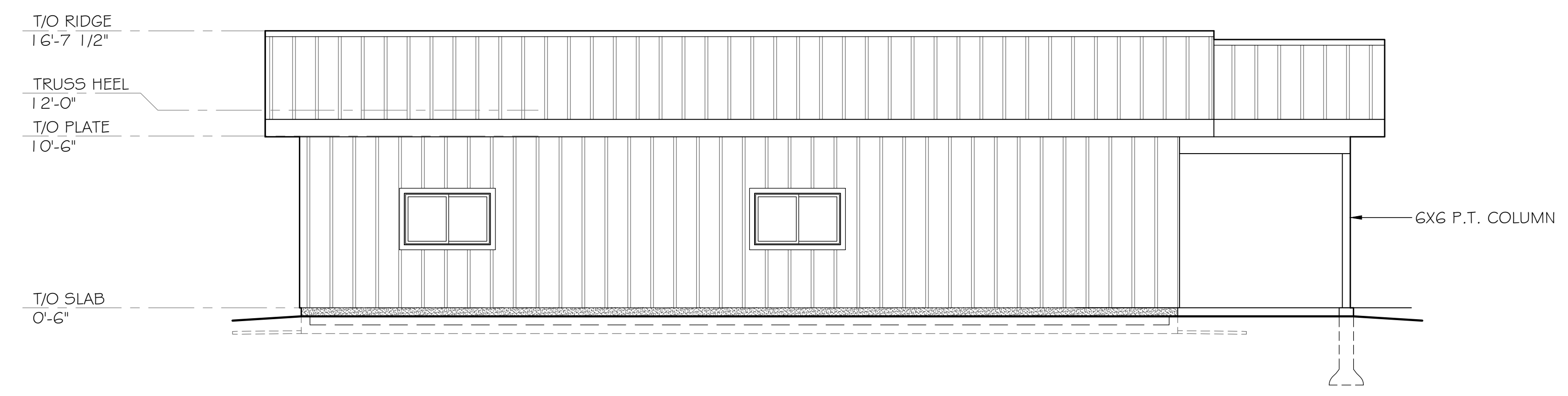


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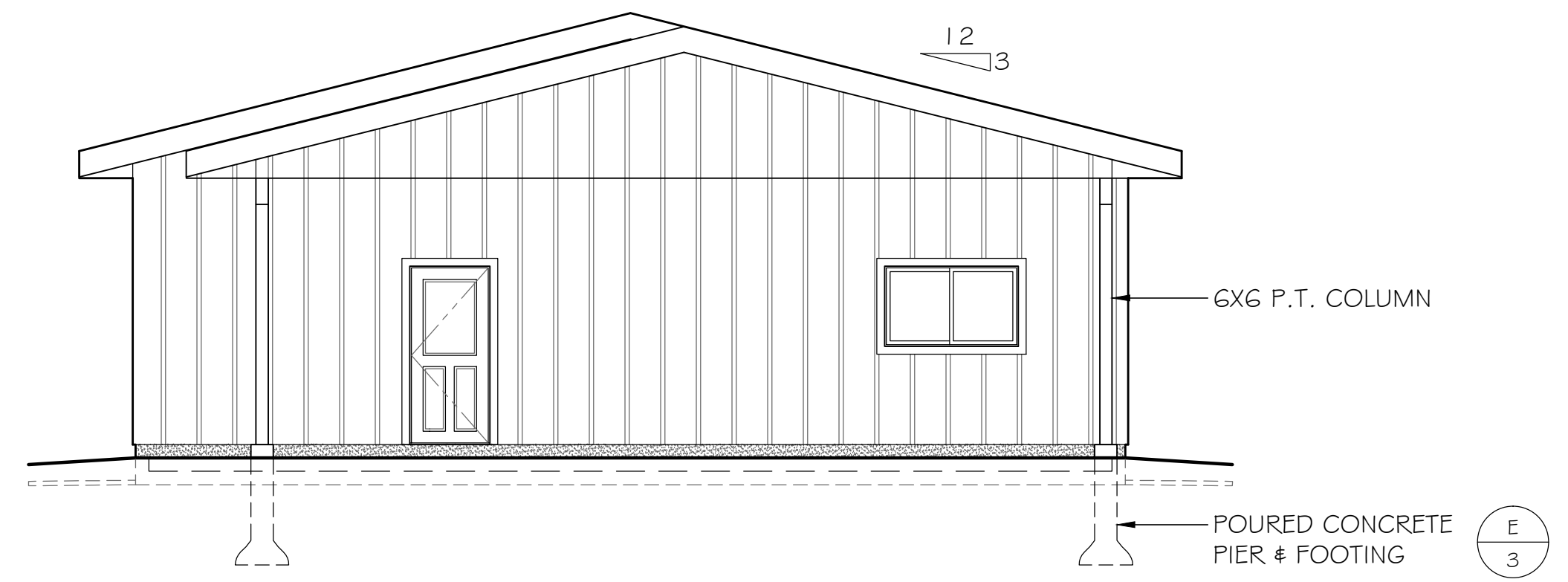


**DRAWING NOTES:**

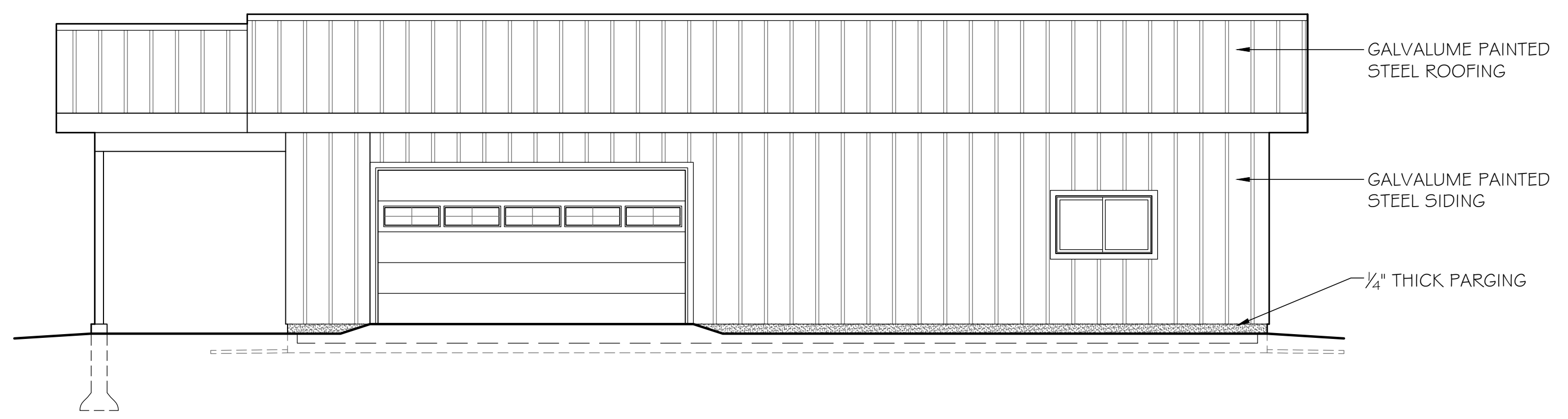
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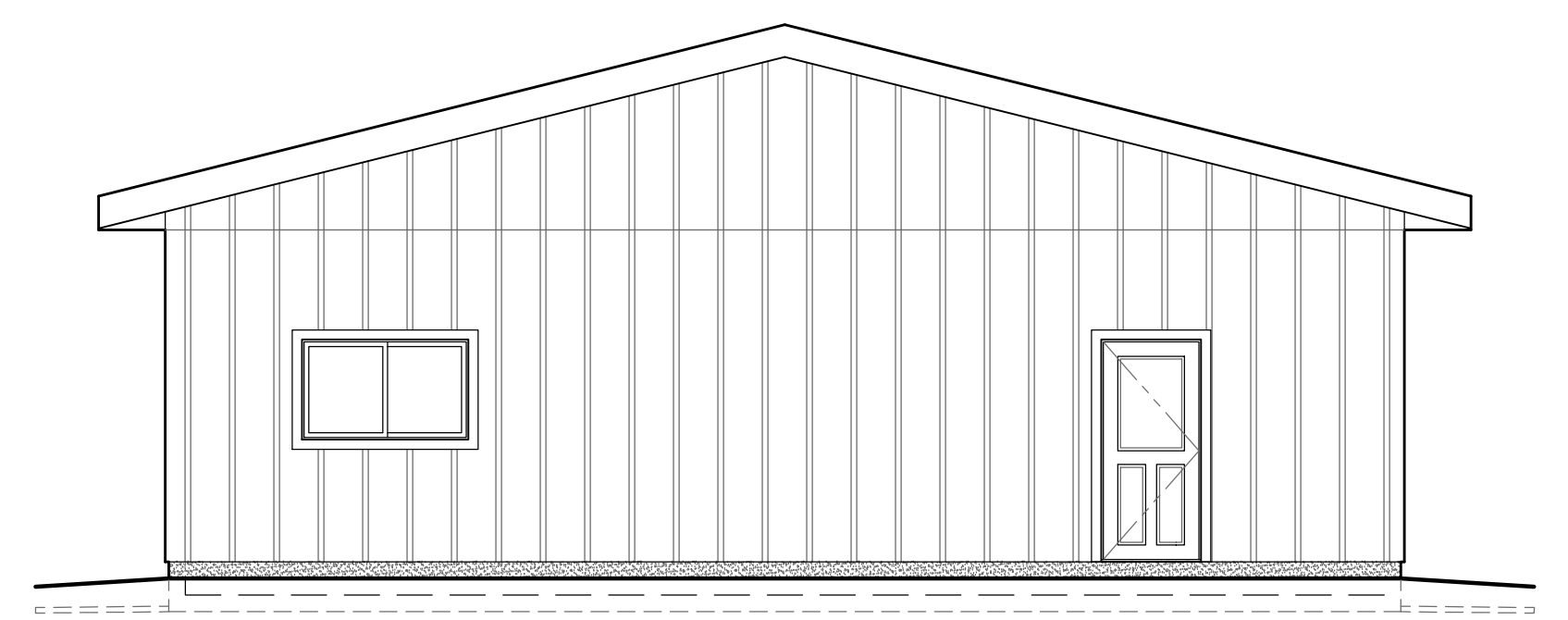
1. FRONT ELEVATION



2. RIGHT ELEVATION

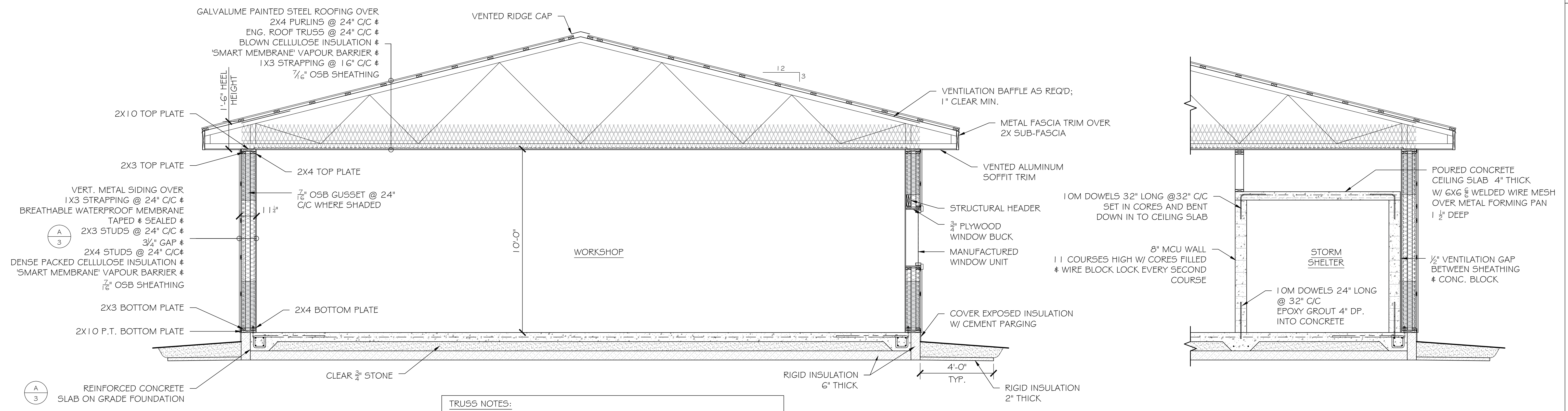


3. REAR ELEVATION



4. LEFT ELEVATION

**A**  
**2** BUILDING ELEVATIONS  
SCALE: 3/16" = 1'-0"



**TRUSS NOTES:**

- TRUSS LOAD BEARING ON INNER 2X4 STUD FRAME WALL.
- 18" RAISED HEEL.
- EXTEND BOTTOM CHORD TO SUB FASCIA.
- DESIGN ROOF TRUSSES TO SUPPORT SOLAR PANELS & RACKING SYSTEM.

**C**  
**2** PARTIAL BUILDING SECTION  
SCALE: 3/8" = 1'-0"

PROJECT  
**DETACHED WORKSHOP  
MELBOURNE, ON**

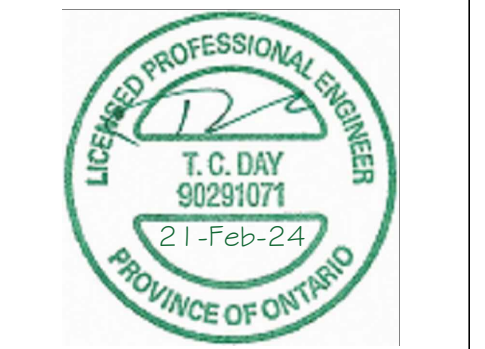
SHEET CONTENTS  
**BUILDING ELEVATIONS  
BUILDING SECTIONS**

SCALE  
**AS NOTED**

SHEET NO.  
**2 OF 3**



NO.	REVISION	DATE	BY

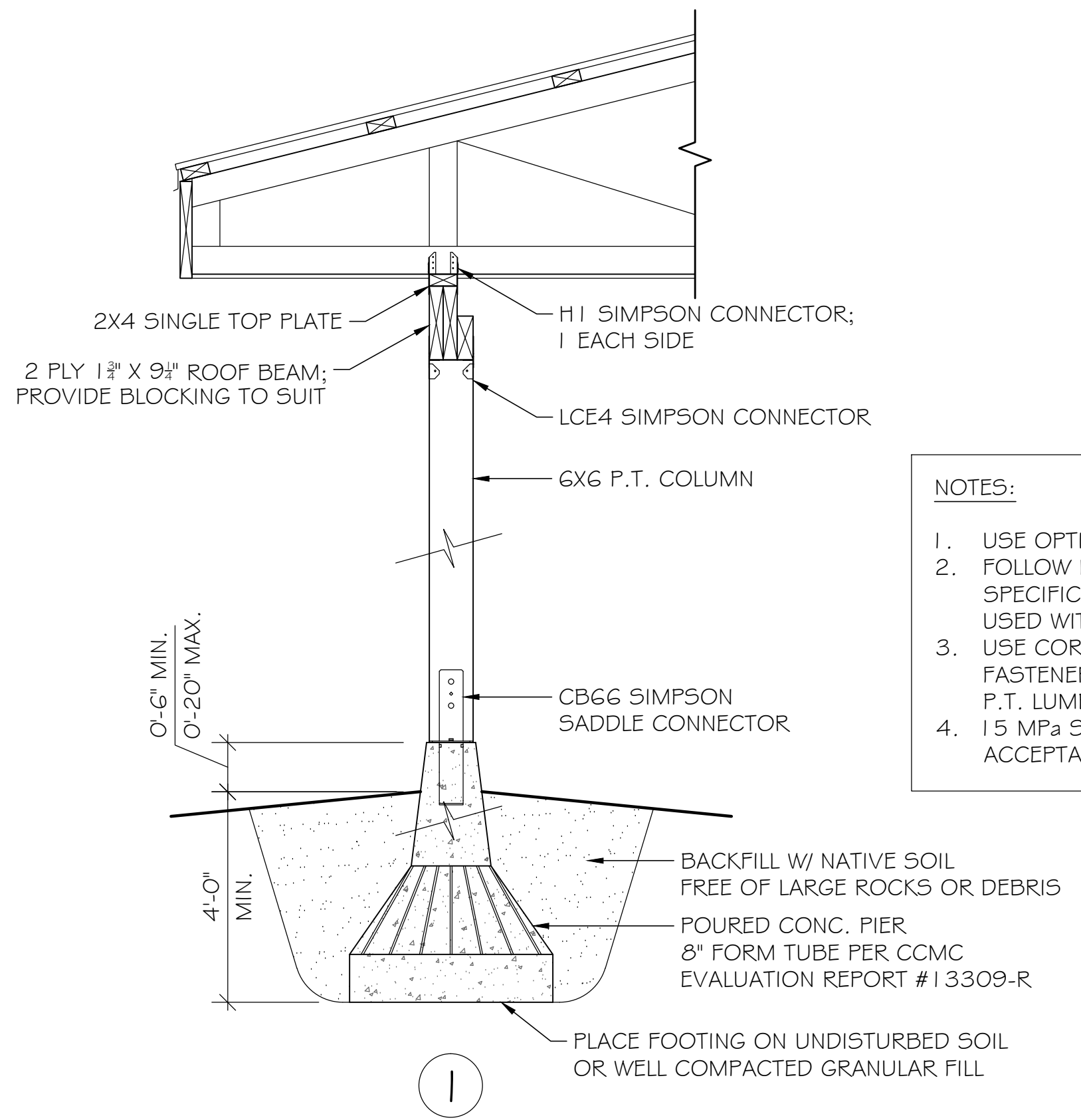
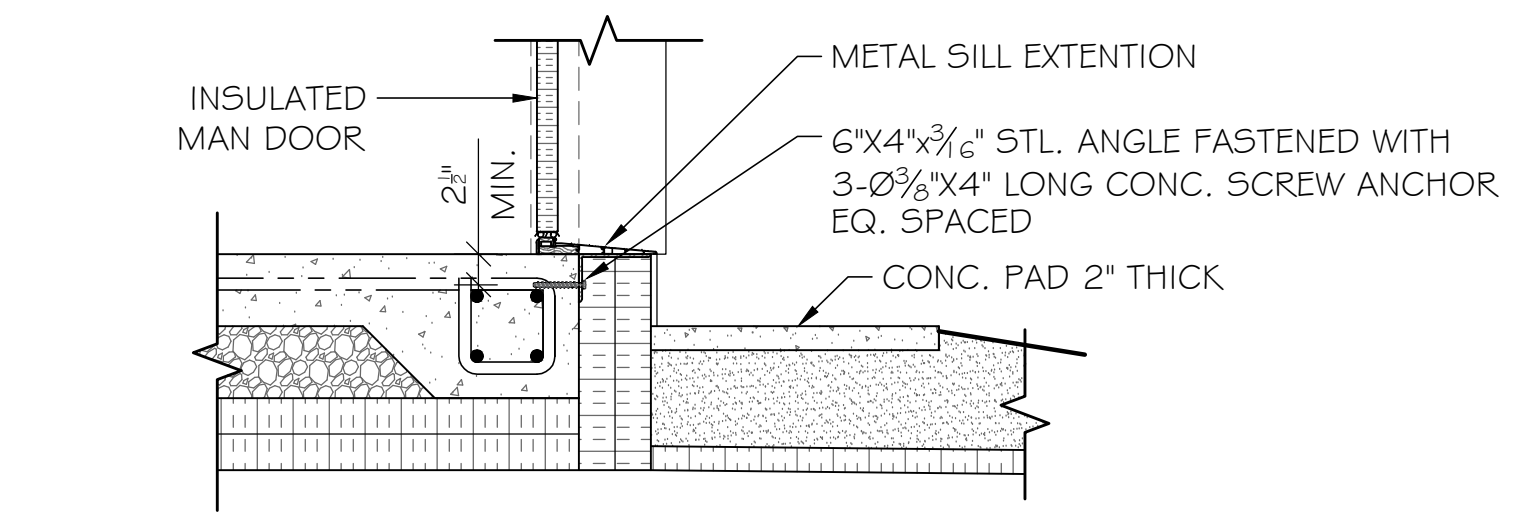
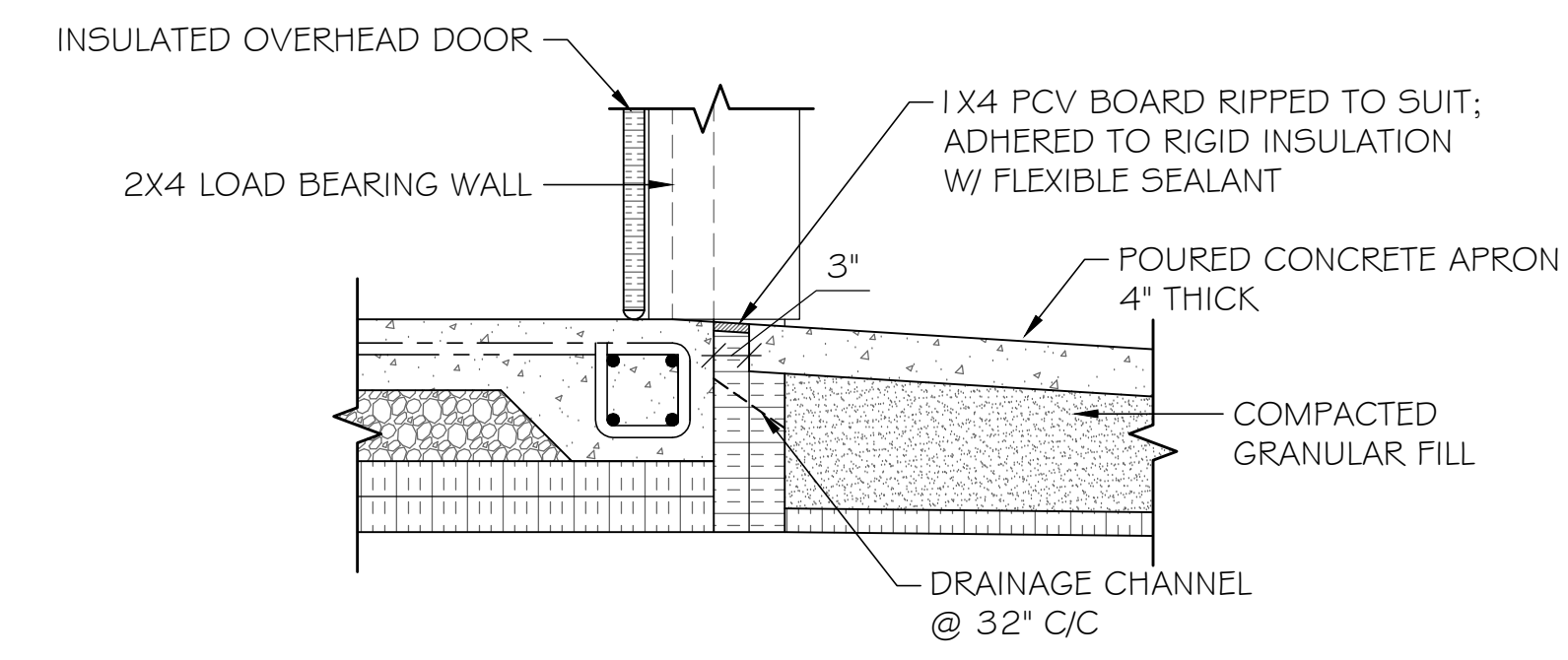
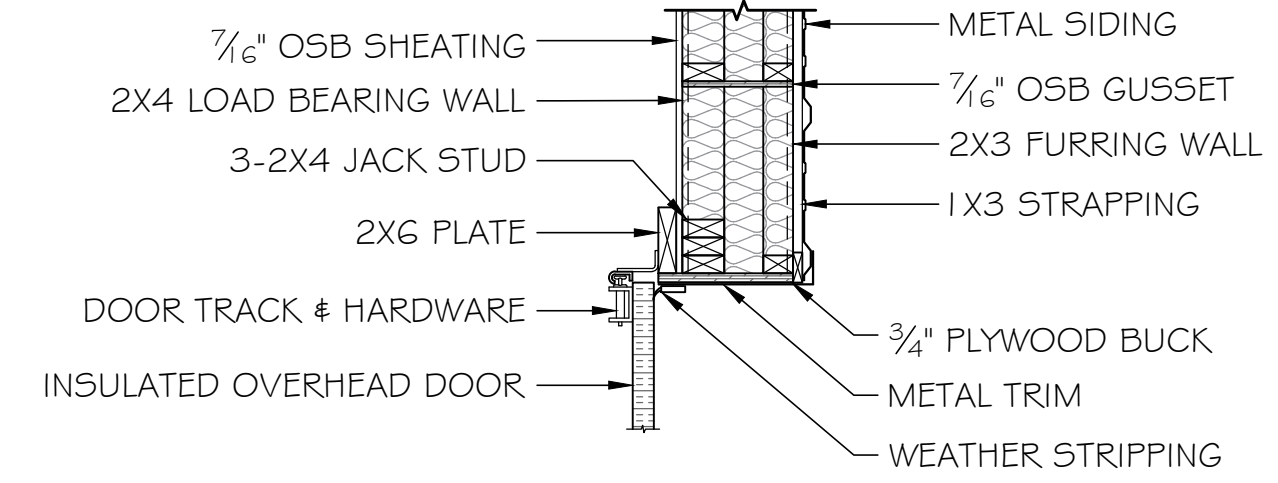
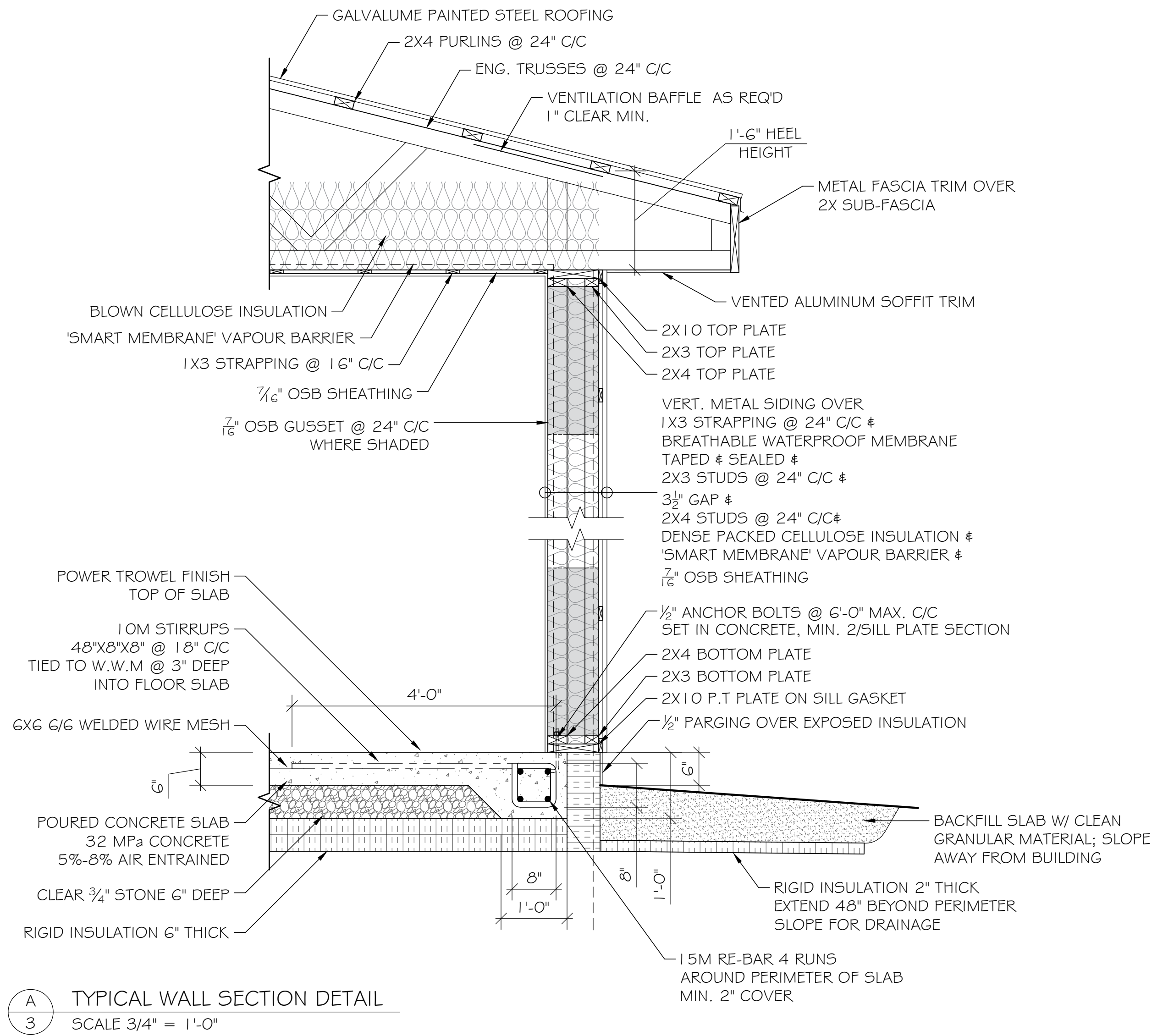


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PROJECT  
**DETACHED WORKSHOP**  
**MELBOURNE, ON**  
SHEET CONTENTS  
**SLAB EDGE DETAIL**  
**CONSTRUCTION DETAILS**

SCALE  
**AS NOTED**

SHEET NO.  
**3 OF 3**



- NOTES:**
1. USE OPTION 1 OR 2 FOR PIERS
  2. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR FASTENERS USED WITH STEEL CONNECTORS.
  3. USE CORROSION RESISTANT FASTENERS WHEN IN CONTACT W/ P.T. LUMBER
  4. 15 MPa SITE MIXED CONCRETE IS ACCEPTABLE

