

# CITY OF NAPOLEON GENERAL PERMIT APPLICATION

THIS APPLICATION IS FOR RESIDENTAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL, PLUMBING, MECHANICAL & REMODELING

P-15-0002

DATE 1-2-15 JOB LOCATION 1033 Fairview DR.  
 OWNER Calvin Spiess TELEPHONE # 419-592-9881  
 OWNER ADDRESS 1033 Fairview DR.  
 CONTRACTOR Holgate Lumber CELL PHONE # 419-599-1557  
 DESCRIPTION OF WORK TO BE PERFORMED 20x26 Post FRAME GARAGE/SHED

ESTIMATED COMPLETION DATE 1-31-15 ESTIMATED COST \$ 13,500-

Affected Floor Area (AFA): In existing structures, it is the area affected by the improvement, i.e. a new wall dividing a room (the AFA would be only the room and not all the rooms).

DESCRIPTION	FEE	TOTAL COST
<b>BUILDING:</b>		
<i>Decks</i>	\$25.00	\$
<i>Addition &amp; Alterations</i> Square foot in (AFA) _____ x \$0.05 = \$ _____ + \$25.00 = \$ _____		
<b>Garage and Shed over 200 SF (Detached)</b>	\$25.00	\$ <u>25.00</u>
<b>Siding and/or Roofing</b>	\$25.00	\$
<b>Windows/Doors</b>	\$25.00	\$
<b>ELECTRICAL:</b>		
<i>Electrical</i> Circuits in (AFA) _____ x \$3.00/Circuit = \$ _____ + \$25.00 = \$ _____		
<b>Electrical Service Upgrade</b>	\$25.00	\$
<b>MECHANICAL:</b>		
<b>Water Heater</b>	\$25.00	\$
<b>Furnace and/or AC Replacement</b>	\$25.00	\$
<b>PLUMBING:</b>		
<i>Plumbing</i> Traps in (AFA) _____ x \$3.00/Trap = \$ _____ + \$25.00 = \$ _____		
<b>TOTAL plus Ohio Board of Building Standards Fee 1%</b>		\$ <u>25</u>

**TOTAL FEE: \$ 25.25**

I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON BUILDING/ZONING DEPARTMENT.

I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

SIGNATURE OF APPLICANT: Brian D. Tilse DATE: 1-2-15

PRINT NAME: BRIAN D. TILSE

PERMIT # P-15-0002 BATCH # \_\_\_\_\_ CHECK # 0210800 DATE 1/5/15



Job 1409023-05T	Truss A	Truss Type FINK	Qty 8	Ply 1	HOLGATE 1409023-05T (KDM)
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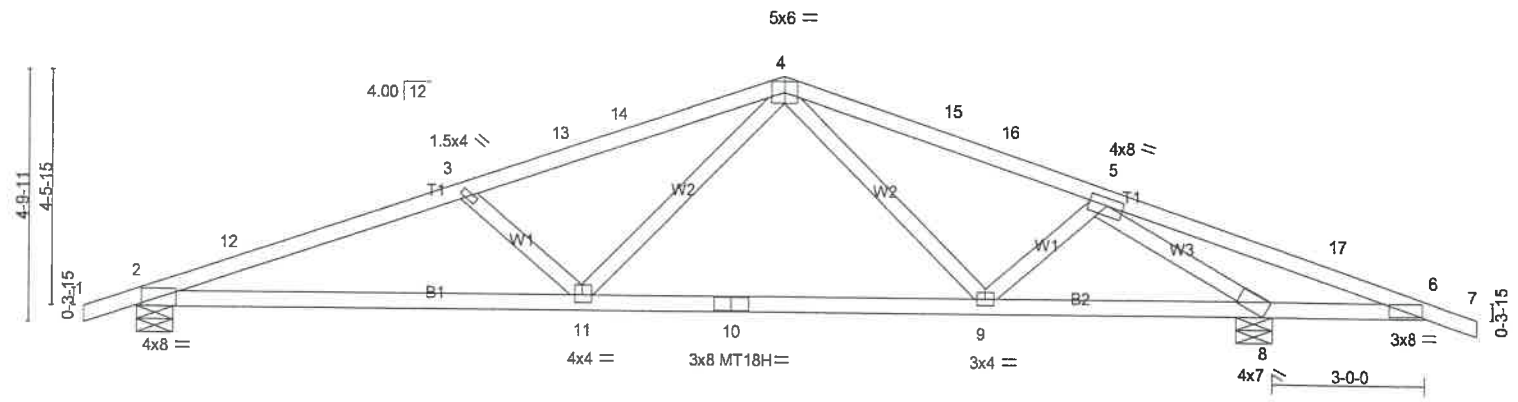


Plate Offsets (X,Y):	[2:0-1-2,Edge], [5:0-3-12,0-1-12], [6:0-8-10,0-0-4], [11:0-1-12,0-1-12]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 25.0	4-0-0	TC 0.87	in (loc) l/defl L/d	MT20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.91	Vert(LL) -0.18 2-11 >999 360	MT18H	197/144
BCLL 0.0	Lumber Increase 1.15	WB 0.78	Vert(TL) -0.53 2-11 >489 240		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.11 8 n/a n/a		
	Code IBC2009/TPI2007			Weight: 85 lb	FT = 10%

LUMBER	BRACING
TOP CHORD 2x4 SPF 2100F 1.8E	TOP CHORD 2-0-0 oc purlins (3-0-12 max.).
BOT CHORD 2x4 SPF 2100F 1.8E *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS 2x4 SPF No.2 *Except*	4-0-8 oc bracing: 6-8.
W3: 2x4 SPF 1650F 1.5E	

REACTIONS (lb/size)
2=2070/0-8-8 (min. 0-2-10), 8=2696/0-8-8 (min. 0-4-4)
Max Horz 2=116(LC 8)
Max Uplift 2=-313(LC 10), 8=-481(LC 11)

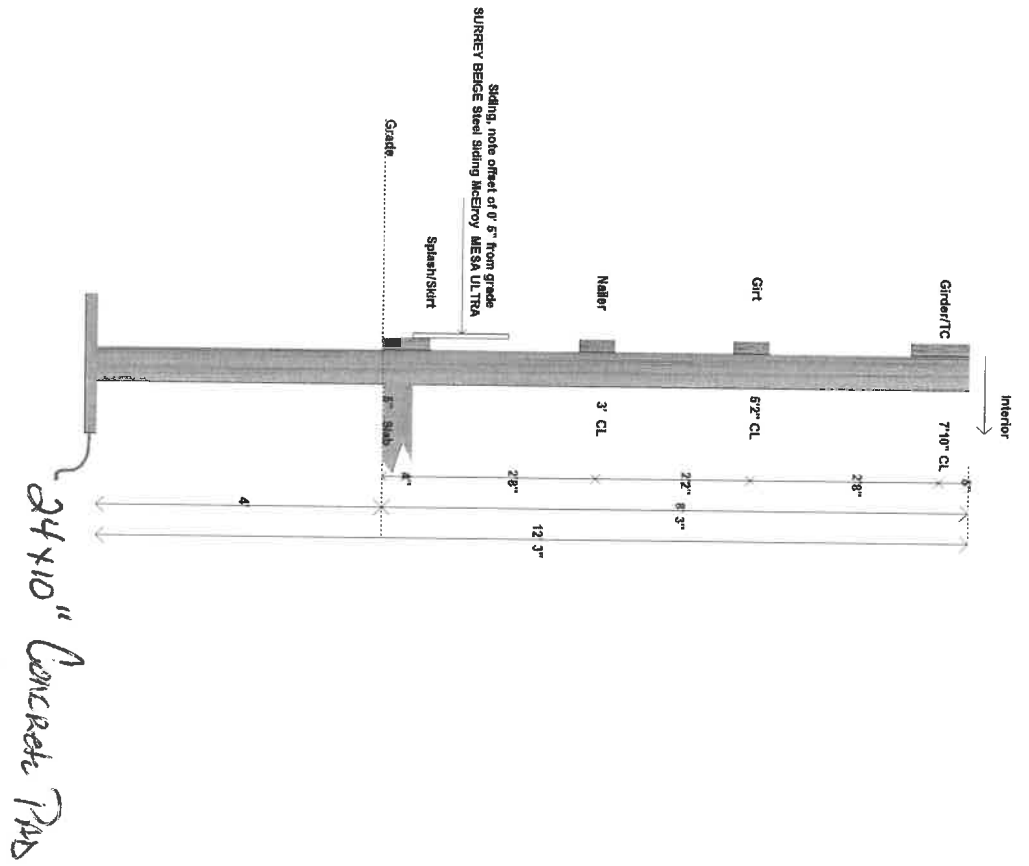
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-4275/462, 3-12=-4157/505, 3-13=-3542/335, 13-14=-3399/344, 4-14=-3391/366, 4-15=-2473/248, 15-16=-2483/225, 5-16=-2626/205, 5-17=-900/1594, 6-17=-944/1403
BOT CHORD 2-11=-457/3915, 10-11=-120/2284, 9-10=-120/2284, 8-9=-128/2164, 6-8=-1367/981
WEBS 3-11=-980/386, 4-11=-75/1398, 4-9=-46/321, 5-9=0/427, 5-8=-4246/938

- NOTES**
- Unbalanced roof live loads have been considered for this design.
  - Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. I; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 12-6-0, Exterior(2) 12-6-0 to 15-6-0 zone; c antilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Ps=10.6 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category I; Exp C; Partially Exp.; Ct=1.1; Unobstructed slippery surface
  - Roof design snow load has been reduced to account for slope.
  - Unbalanced snow loads have been considered for this design.
  - This truss has been designed for greater of m in roof live load of 12.0 psf or 2.00 times flat roof load of 12.3 psf on overhangs non-concurrent with other live loads.
  - All plates are MT20 plates unless otherwise indicated.
  - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 313 lb uplift at joint 2 and 481 lb uplift at joint 8.
  - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
  - "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

20-4-5  
 Truss Loading: ~~Roof~~ Pitch: 4 Span: 22  
 Wind Load: 80 Exp: B Conn: carterm/girders

WALL CROSS SECTION DETAIL -- West



Post Cross Section -- Wing: 1  
 Girts: Dimensional-Untreated 1800DF-1, JE MSR Yellow Pine 2x6  
 Girders/Truss Carriers: Dimensional-Untreated 1800DF-1, JE MSR Yellow Pine 2x10  
 Splays/Skids: Dimensional-40 CCA Treated 2x 2 & Better Yellow Pine 2x6  
 Nails: Dimensional-Untreated 4000K, 16d Yellow Pine 2x6  
 Generating Drawings (Full elevation)

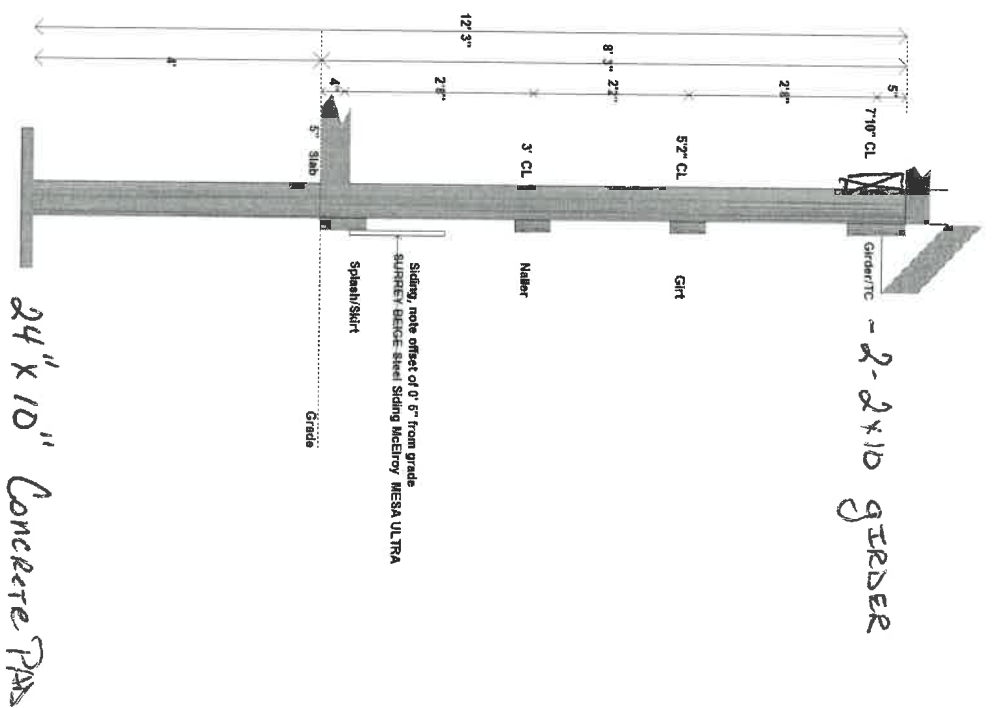
Hole Diameter: 24" Unfilled Hole 1  
 Post embedment: 8dnp/2d/2c/2k/2k  
 Generating Wall Lumber/Nail Lam.-50 CCA Treated 1800DF-1, JE MSR Yellow Pine 6x6  
 Line Posts: Nail Lam.-50 CCA Treated 1800DF-1, JE MSR Yellow Pine 6x6



Date: 12/20/25  
 HLC Buildings  
 Highway Lumber & Building Supply  
 419 South 1250  
 by Proforma Design

**WALL CROSS SECTION DETAIL -- North**

Truss Loading: <sup>20-4-5</sup> 4 Pkts: 4 Span: 22  
 Wind Load: 85 Esp: 8 Conn: cantilevered  
 Overhang Depth: 12

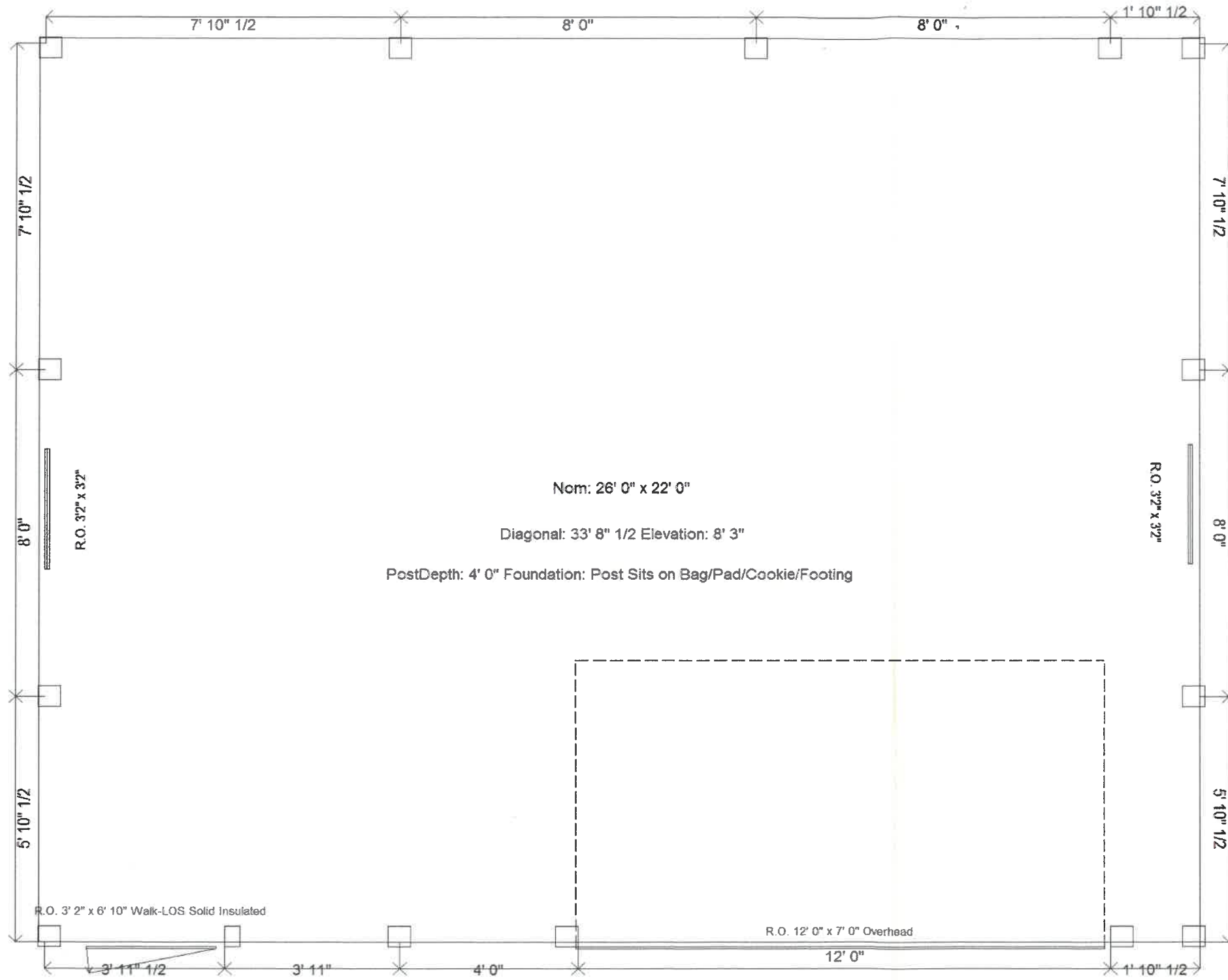


Post Cross Section -- Wing: 1  
 Girts: Dimensional-Untreated 1x6  
 Girders/Truss Carriers: Dimensional-Untreated 2x6  
 Splays/Shirts: Dimensional-40 ACO Treated 2x & Better Yellow Pine 2x8  
 Nailers: Dimensional-Untreated 1x4  
 Generating Drawings (Full elevation)

Hide Diameter: 2x UnthHole 1  
 Post embedment: EngPndCochin  
 Generating Wall LumberNail Lam:-60 CCA Treated 1800Pb-1,7E MSR Yellow Pine 6x6  
 Line Posts: Nail Lam:-60 CCA Treated 1800Pb-1,7E MSR Yellow Pine 6x6

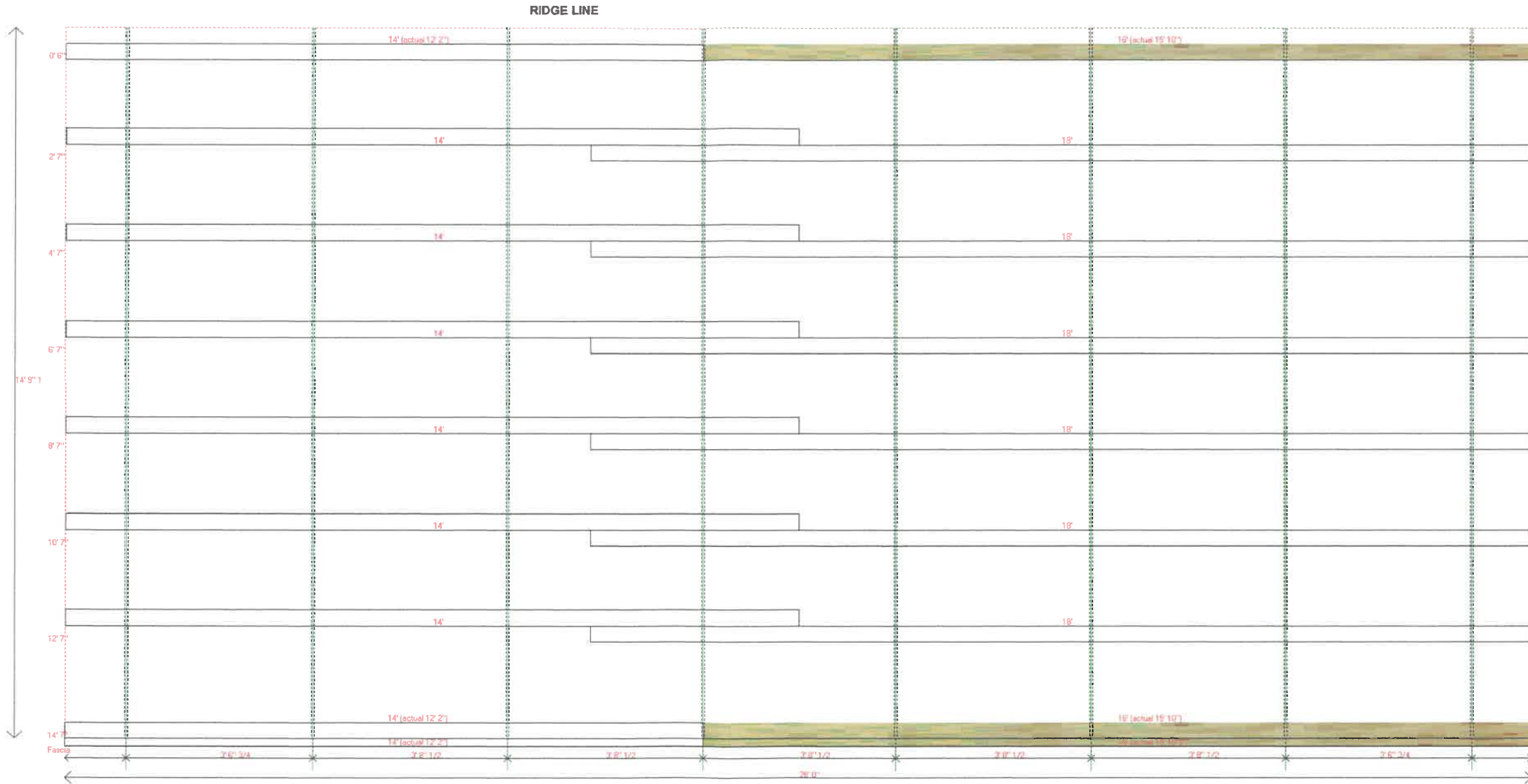


Draw: 1/2/2015  
 Project: HLC Buildings  
 Address: 11000 Highway 103, Houston, TX 77036  
 415283 1827  
 By: [Signature]



Date: 1/2/2015  
[Untitled Building]  
Holgate Lumber & Buckeye Bldgs  
1445 N Scott Street, Napoleon, OH 43545  
419.533.1557  
by PostFrame Manager®

# PURLIN APPLICATION DETAIL -- North



Wing: 1 Size: 28' x 14' 9"  
 Std Purlin: Dimensional-Untreated 4950F-1-75-MGR SPF 2 x 4  
 Ridge Purlin: Dimensional-Untreated 1500F-1-75-MGR SPF 2 x 4  
 Eave Fascia: Dimensional-Untreated 1500F-1-75-MGR SPF 2 x 6  
 Truss Loading: 40/10 Pitch: 4 Span: 22  
 Wind Load: 85 Exp/B Conn: carriers/girders

20-4-5



Date: 1/2/2015  
 (Unfilled Building)  
 Holgate Lumber & Buckeye Bldg  
 1445 N Scott Street, Napoleon, OH 43559  
 419.899.1557  
 by PostFrame Manager®