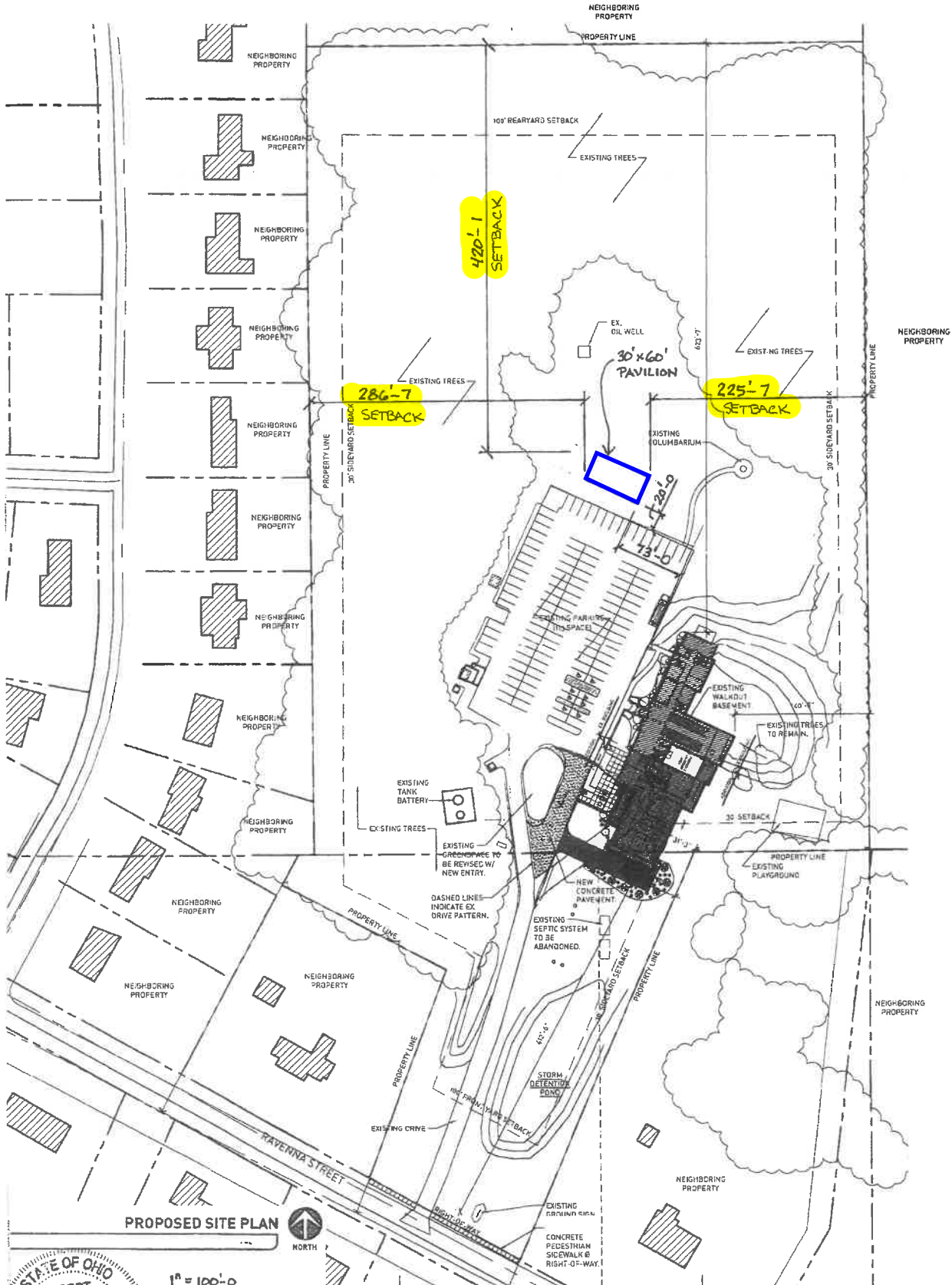
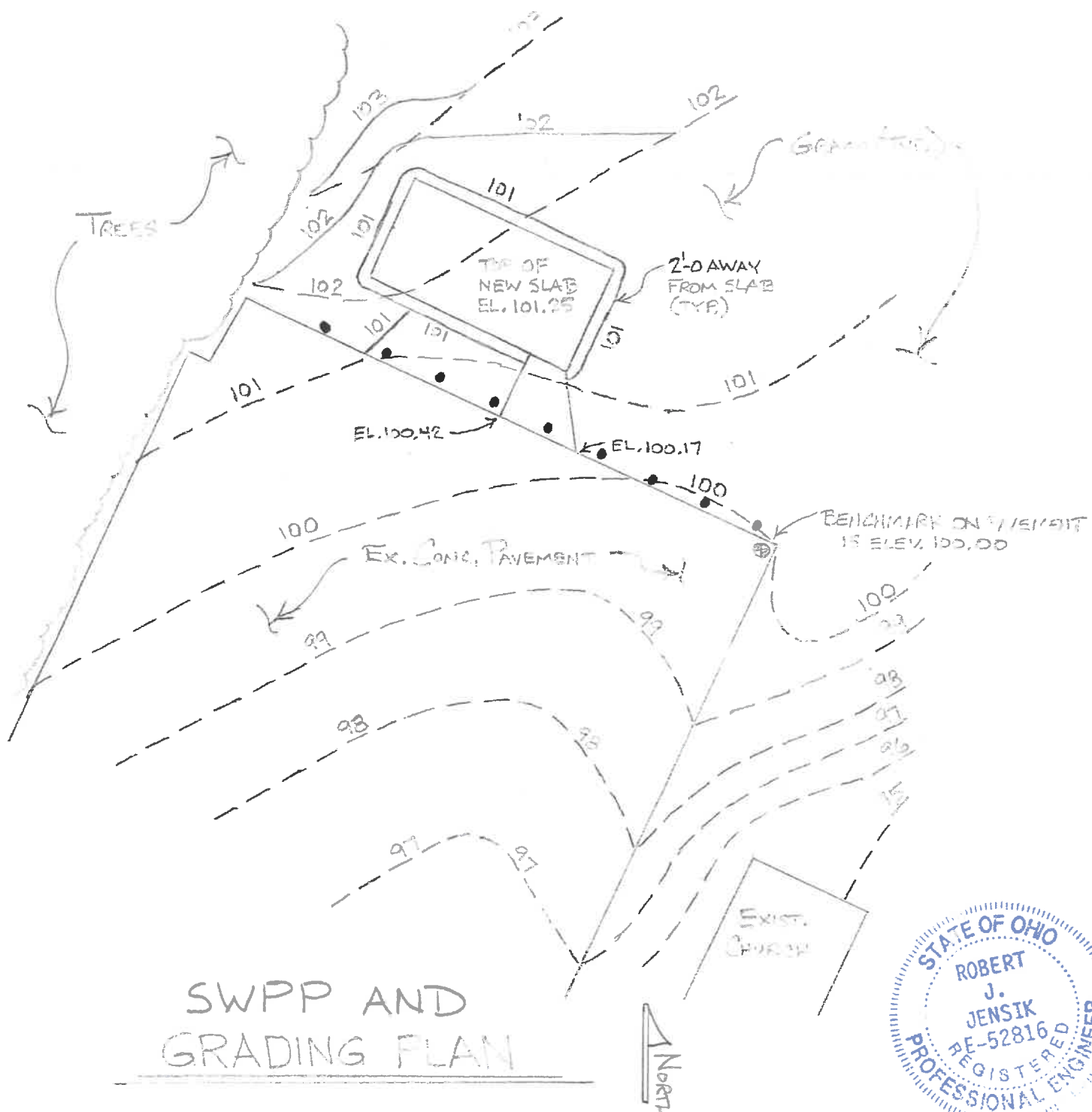




PLOT #3004220

GLORIA DEI CHURCH
6-21-25 BOBJ
DWG. C-1



GENERAL CONSTRUCTION NOTES:

- ALL PRIMARY FRAME MEMBERS TO BE #1 DOUGLAS FIR TIMBERS (S4S), UNLESS OTHERWISE NOTED
- TRADITIONAL MORTISE AND TENON JOINERY WITH 1" DIAMETER WOOD PEGS USED FOR ALL FRAMING MEMBER CONNECTIONS UNLESS OTHERWISE NOTED
- ATTACH EACH 2x ROOF DECK BOARD TO EACH FRAMING MEMBER w/ (3) 3" FRAMING GUN NAILS
- ATTACH WALL SHEATHING (IF ANY) TO EACH FRAMING MEMBER w/ 8d NAILS 12" O.C. INTERMEDIATE AND 6" O.C. ALONG EDGES
- ALL HARDWARE TO BE GALVANIZED, POWDER COATED, STAINLESS STEEL, OR AS NOTED
- ALL CONCRETE TO BE 3500 PSI (MIN.)

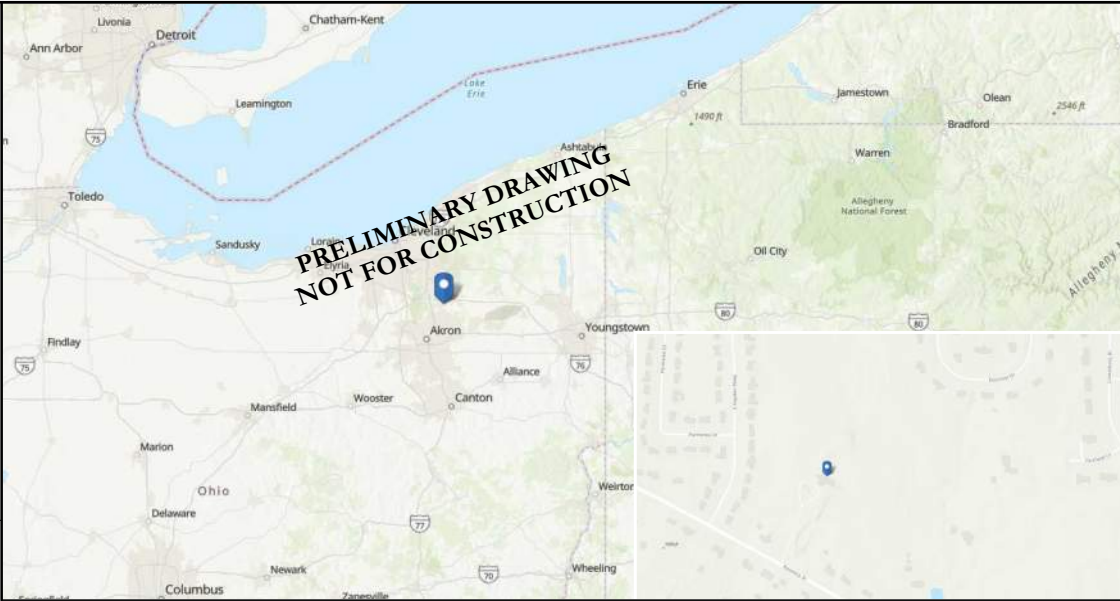
ENGINEER NOTES:

- CONSTRUCTION TYPE= 5 B
- RISK CATEGORY II
- 1ST FLOOR, SLAB ON GRADE
- GROUND SNOW LOAD= 20 PSF
- DESIGN ROOF DEAD LOAD= 10 PSF
- BASIC WIND SPEED (V)= 110 MPH
- FROST LINE DEPTH = 36"
- FASTENING SCHEDULE AND DESIGN SHALL BE IN ACCORDANCE WITH 2021 INTERNATIONAL BUILDING CODE (IBC)

NOTES:

THERE HAS NOT BEEN ANY MECHANICAL, ELECTRICAL, OR SITE ENGINEERING PERFORMED FOR THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF OTHERS TO OBTAIN DESIGN DATA FROM A LICENSED ENGINEER FOR THESE SYSTEMS. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE LOCAL AND/OR STATE BUILDING CODES AND REGULATIONS

SEAL



**NOT APPROVED
FOR CONSTRUCTION**

NO SCALE



ASCE Hazards Report

Address:

2113 Ravenna St
Hudson, Ohio
44236

Standard:

ASCE/SEI 7-16

Risk Category:

II

Soil Class:

D - Default (see
Section 11.4.3)

Latitude: 41.232944

Longitude: -81.421655

Elevation: 1115.8675703567112 ft
(NAVD 88)

Wind

Results:

Wind Speed	110 Vmph
10-year MRI	75 Vmph
25-year MRI	82 Vmph
50-year MRI	87 Vmph
100-year MRI	94 Vmph

Snow

Results:

Ground Snow Load	20 psf
Map-based Elevation	1115.9 ft

Seismic

Site Soil Class:

D - Default

Results:

S _s	0.134
S _t	0.049
F _a	1.6
F _v	2.4
S _{MS}	0.215
S _{M1}	0.118
S _{DS}	0.143

Building Size

30x60 Timber Pavilion
Mortise And Tenon
Open Gable A-Frame
BYS P.O. #17501

Site Address

Gloria Dei Lutheran Church
2113 Ravenna St,
Hudson, OH 44236
Bob Jensik 216-970-4996



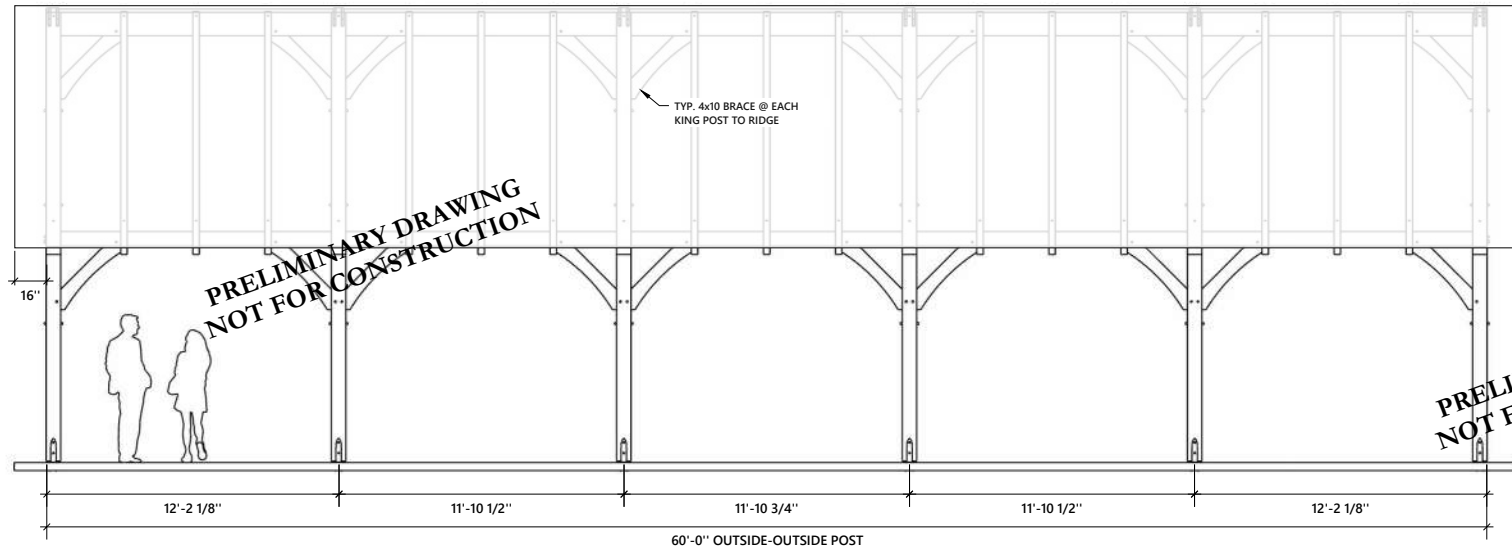
The Backyard Showcase
2604 Lincoln Highway E.
Ronks, PA 17572

Date Created: June 20, 2025 *m.j.p.*

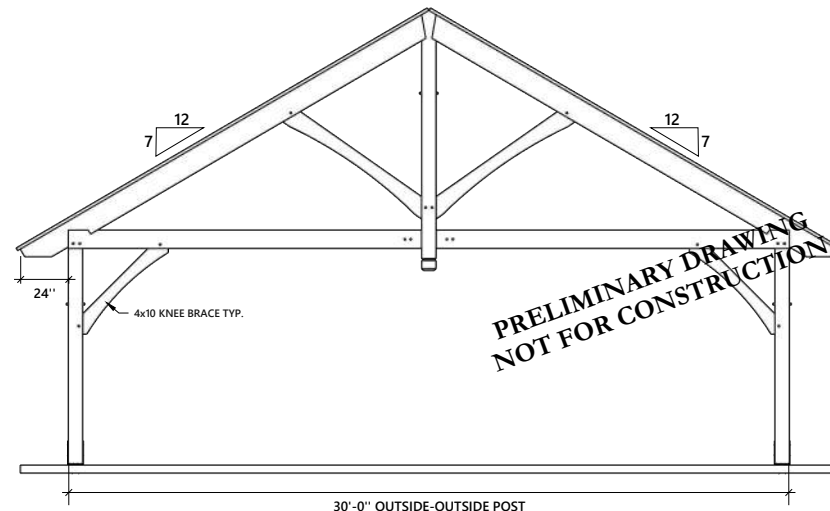
Date Modified: June 20, 2025

SHEET NO.

A-1



FRONT ELEVATION



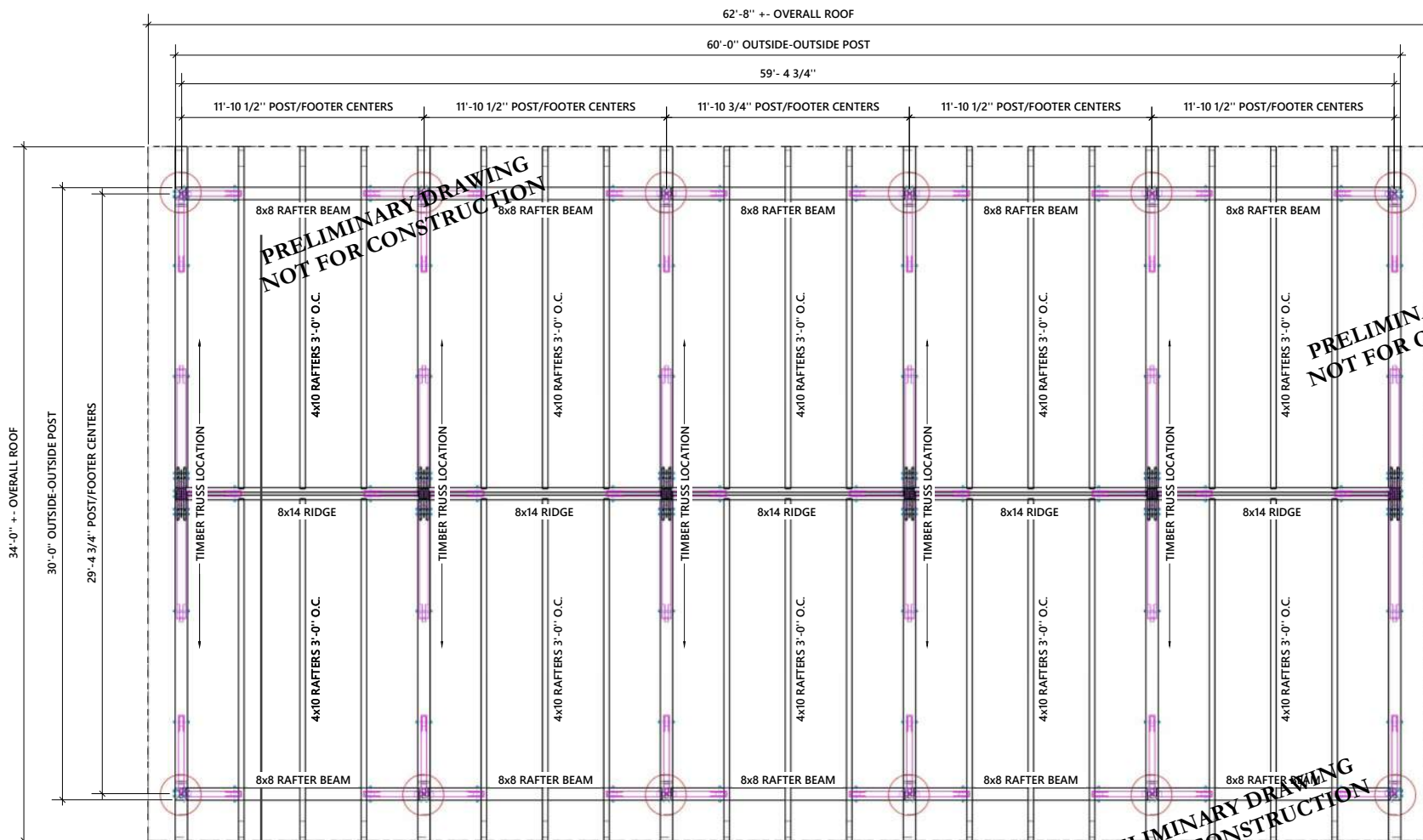
RIGHT ELEVATION

SEAL

**NOT APPROVED
FOR CONSTRUCTION**

NO SCALE

	Building Size 30x60 Timber Pavilion Mortise And Tenon Open Gable A-Frame BYS P.O. #17501	Site Address Gloria Dei Lutheran Church 2113 Ravenna St, Hudson, OH 44236 Bob Jensik 216-970-4996		The Backyard Showcase 2604 Lincoln Highway E. Ronks, PA 17572	
				Date Created: June 20, 2025 <i>m.j.p.</i> Date Modified: June 20, 2025	SHEET NO. A-2



POST/FOOTER LAYOUT
ROOF FRAMING/BEAM PLAN

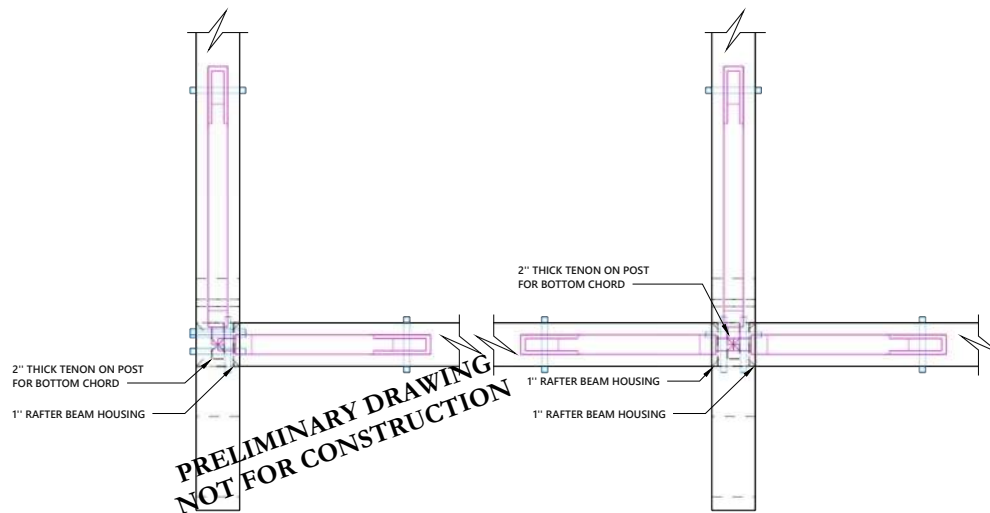
SEAL



**NOT APPROVED
FOR CONSTRUCTION**

NO SCALE

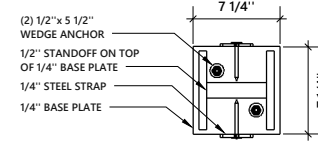
	Building Size 30x60 Timber Pavilion Mortise And Tenon Open Gable A-Frame BYS P.O. #17501	Site Address Gloria Dei Lutheran Church 2113 Ravenna St, Hudson, OH 44236 Bob Jensik 216-970-4996		The Backyard Showcase 2604 Lincoln Highway E. Ronks, PA 17572	
				Date Created: June 20, 2025 <i>m.j.p.</i> Date Modified: June 20, 2025	SHEET NO. A-3



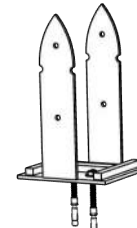
GABLE TRUSS TOP VIEW

INTERMITTE TRUSS TOP VIEW

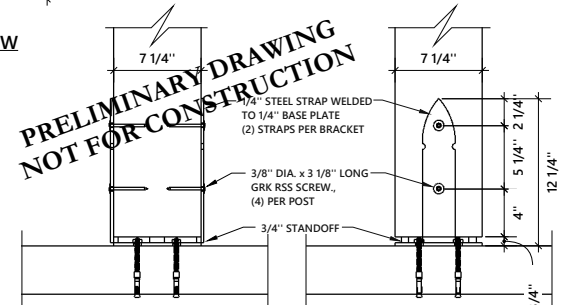
POST/BEAM/TRUSS CONNECTION



TOP VIEW



ISO VIEW

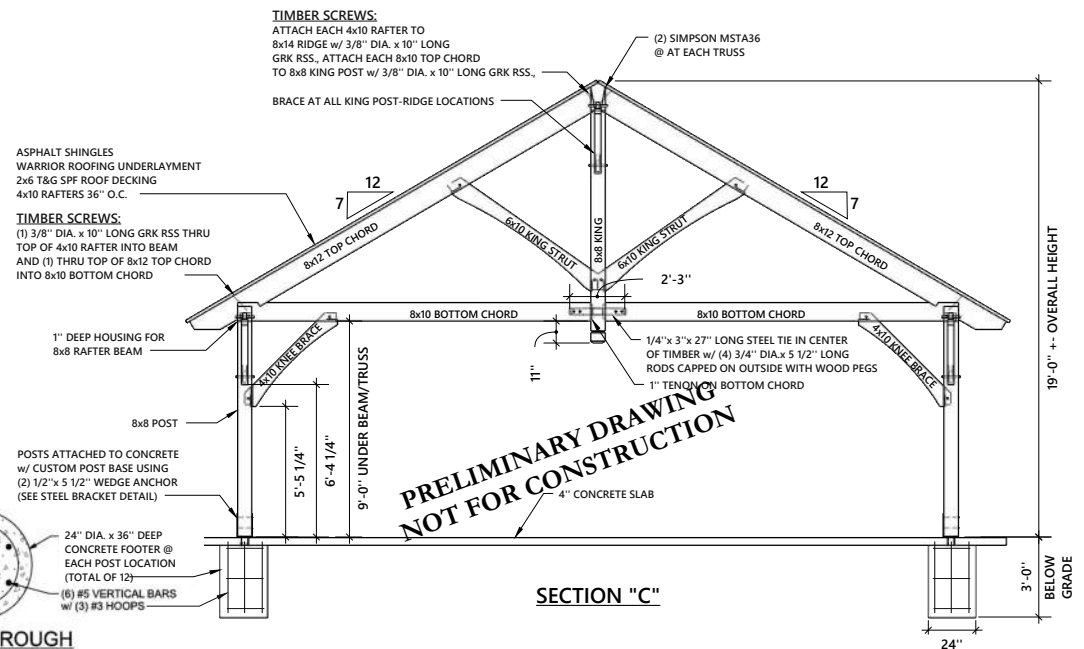


SIDE VIEW

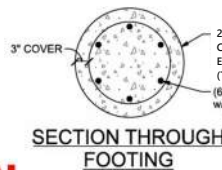
FRONT VIEW

CUSTOM POST BRACKET DETAIL

1/4" POWDER COATED STEEL



SECTION "C"



SECTION THROUGH FOOTING

**NOT APPROVED
FOR CONSTRUCTION**

NO SCALE

	Building Size	Site Address	 BACKYARD SHOWCASE Exclusive Backyard Patio Buildings	The Backyard Showcase 2604 Lincoln Highway E. Ronks, PA 17572			
	30x60 Timber Pavilion Mortise And Tenon Open Gable A-Frame BYS P.O. #17501	Gloria Dei Lutheran Church 2113 Ravenna St, Hudson, OH 44236 Bob Jensik 216-970-4996		Date Created:	June 20, 2025	<i>m.j.p.</i>	SHEET NO.
				Date Modified :	June 20, 2025		A-4



GENERAL CONSTRUCTION NOTES:

- ALL PRIMARY FRAME MEMBERS TO BE #1 DOUGLAS FIR TIMBERS (S4S), UNLESS OTHERWISE NOTED
- TRADITIONAL MORTISE AND TENON JOINERY WITH 1" DIAMETER WOOD PEGS USED FOR ALL FRAMING MEMBER CONNECTIONS UNLESS OTHERWISE NOTED
- ATTACH EACH 2x ROOF DECK BOARD TO EACH FRAMING MEMBER w/ (3) 3" FRAMING GUN NAILS
- ATTACH WALL SHEATHING (IF ANY) TO EACH FRAMING MEMBER w/ 8d NAILS 12" O.C. INTERMEDIATE AND 6" O.C. ALONG EDGES
- ALL HARDWARE TO BE GALVANIZED, POWDER COATED, STAINLESS STEEL, OR AS NOTED
- ALL CONCRETE TO BE 3500 PSI (MIN.)

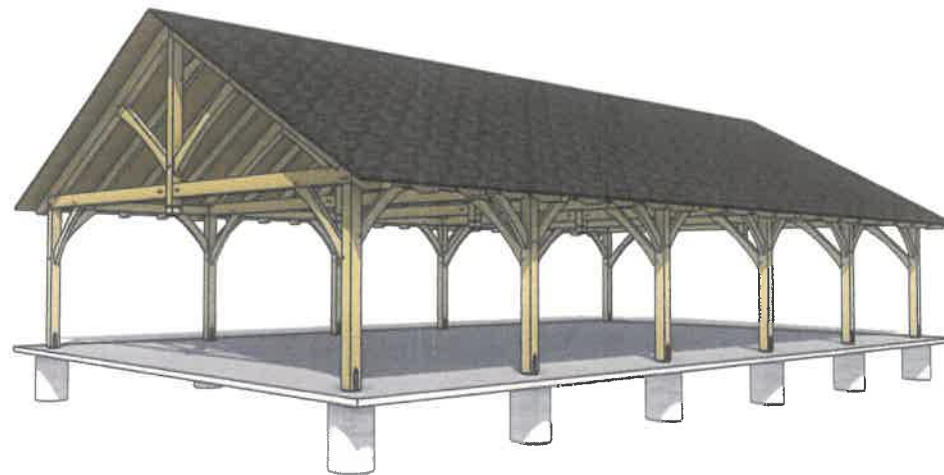
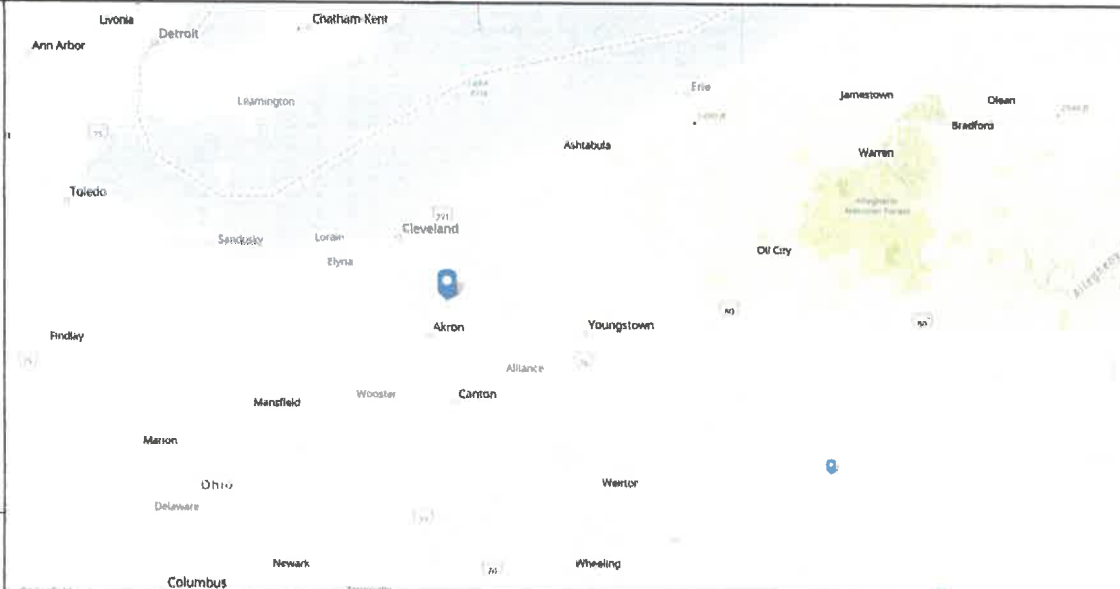
ENGINEER NOTES:

- CONSTRUCTION TYPE= 5 B
- RISK CATEGORY II
- 1ST FLOOR, SLAB ON GRADE
- DESIGN GROUND SNOW LOAD= 30 PSF
- DESIGN ROOF DEAD LOAD= 10 PSF
- BASIC WIND SPEED (V)= 110 MPH
- FROST LINE DEPTH = 42"
- FASTENING SCHEDULE AND DESIGN SHALL BE IN ACCORDANCE WITH 2021 INTERNATIONAL BUILDING CODE (IBC)

NOTES:

THERE HAS NOT BEEN ANY MECHANICAL, ELECTRICAL, OR SITE ENGINEERING PERFORMED FOR THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF OTHERS TO OBTAIN DESIGN DATA FROM A LICENSED ENGINEER FOR THESE SYSTEMS. ENGINEERING SHALL CONFORM WITH ALL APPLICABLE LOCAL AND/OR STATE BUILDING CODES AND REGULATIONS

SEAL



NO SCALE

DOTec Engineering 424 Jefferson Street St. Charles, MO 63301 Phone: 636.724.9872 Fax: 636.493.9332 info@dotecengineering.com	Building Size	Site Address	 BACKYARD SHOWCASE Exclusive Backyard Patio Buildings	The Backyard Showcase 2604 Lincoln Highway E. Ronks, PA 17572			
	30x60 Timber Pavilion Mortise And Tenon Open Gable A-Frame BYS P.O. #17501	Gloria Dei Lutheran Church 2113 Ravenna St, Hudson, OH 44236 Bob Jensik 216-970-4996		Date Created:	June 20, 2025	m.j.p.	SHEET NO.
				Date Modified :	June 23, 2025		A-1



ASCE Hazards Report

Address:
2113 Ravenna St
Hudson, Ohio
44236

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Latitude: 41.232944

Longitude: -81.421655

Elevation: 1115.8675703567112 ft
(NAVD 88)

Wind

Results:

Wind Speed	110 Vmph
10-year MRI	75 Vmph
25-year MRI	82 Vmph
50-year MRI	87 Vmph
100-year MRI	94 Vmph

Snow

Results:

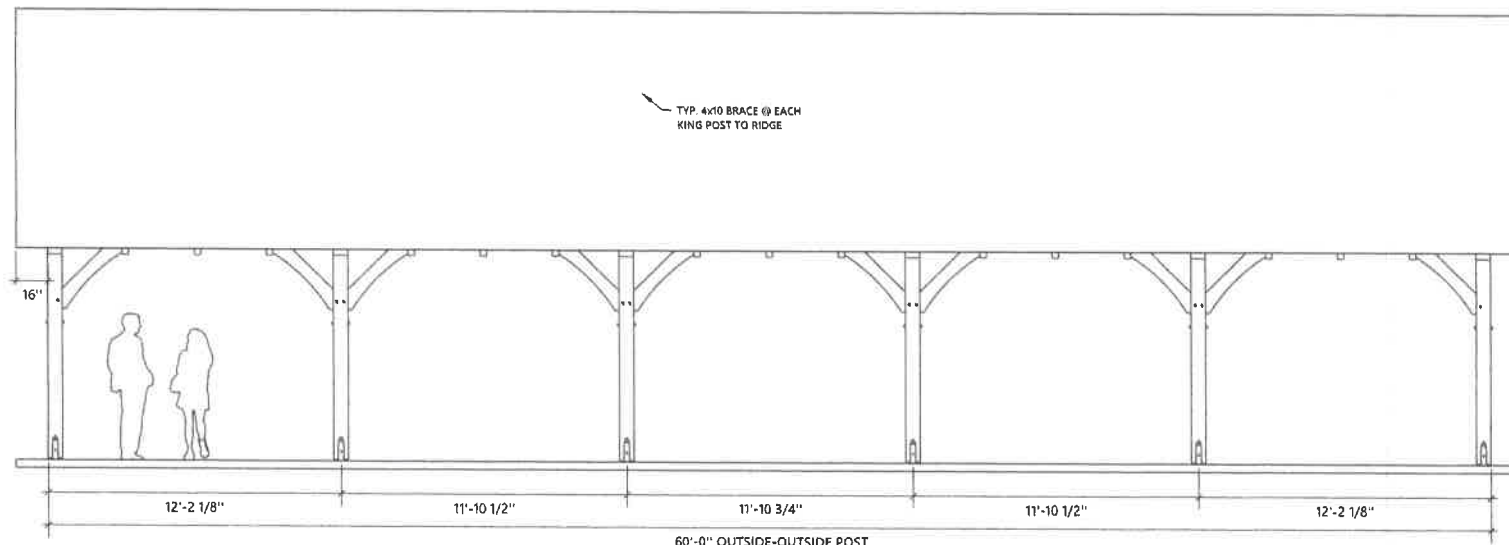
Ground Snow Load, p_g :	20 lb/ft ² (Designed for 30 lb/ft)
Mapped Elevation:	1115.9 ft

Seismic

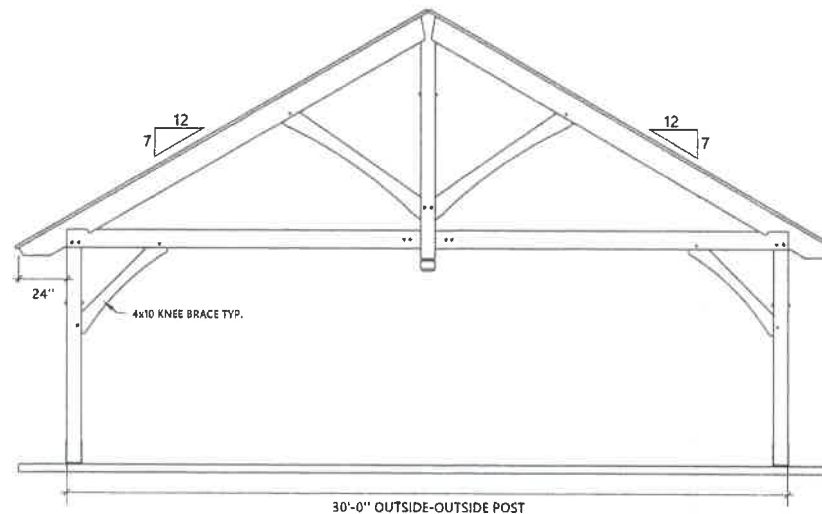
Site Soil Class: D - Default

Results:

S_s :	0.134
S_1 :	0.049
F_a :	1.6
F_v :	2.4
S_{MS} :	0.215
S_{M1} :	0.118
S_{D8} :	0.143



FRONT ELEVATION



RIGHT ELEVATION

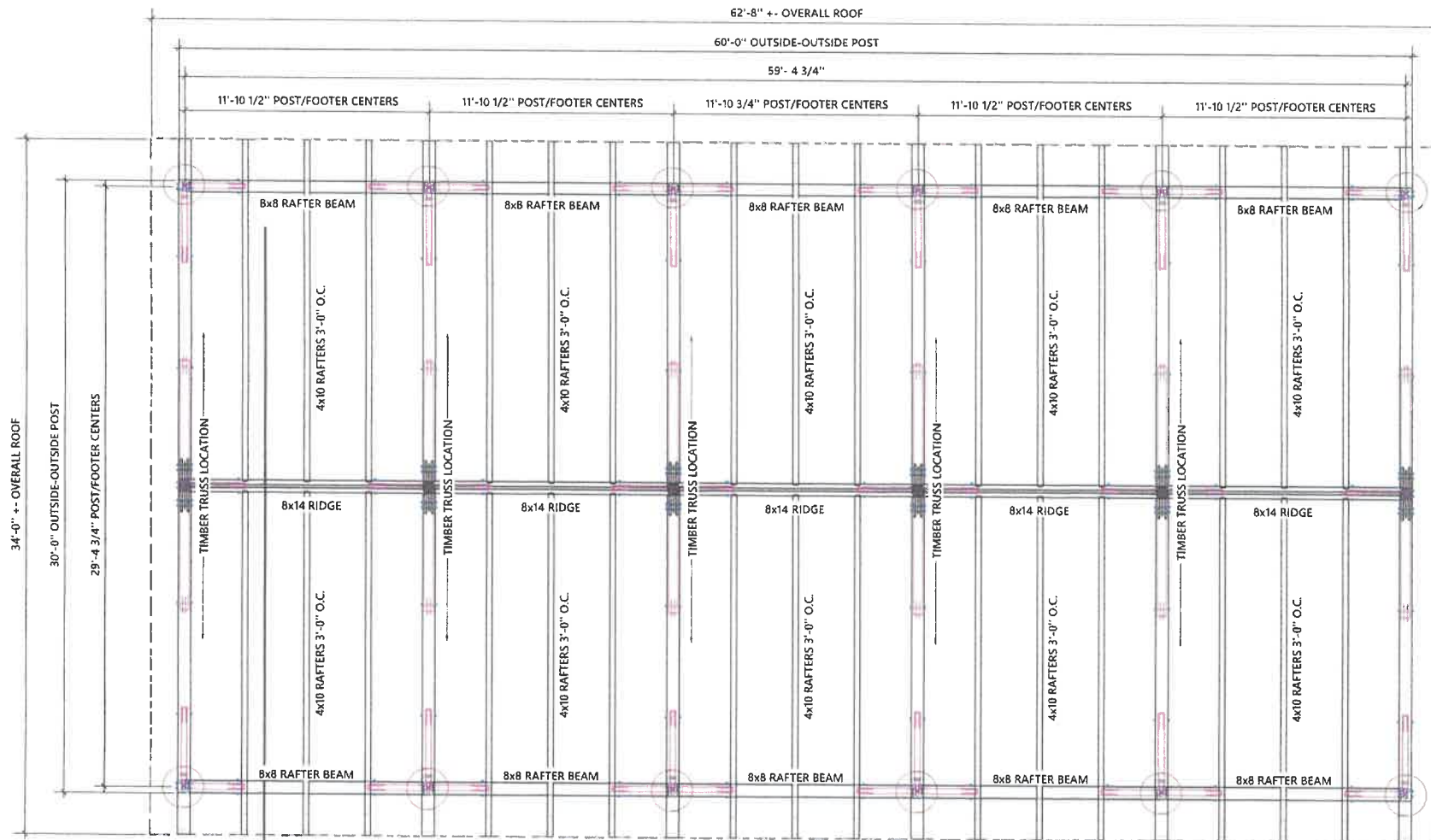
SEAL



NO SCALE

DOTec Engineering 424 Jefferson Street St. Charles, MO 63301 Phone: 636.724.9872 Fax: 636.493.9332 info@dotecengineering.com	Building Size 30x60 Timber Pavilion Mortise And Tenon Open Gable A-Frame BYS P.O. #17501	Site Address Gloria Dei Lutheran Church 2113 Ravenna St, Hudson, OH 44236 Bob Jensik 216-970-4996	 BACKYARD SHOWCASE Exclusive Backyard Patio Buildings	The Backyard Showcase 2604 Lincoln Highway E. Ronks, PA 17572 Date Created: June 20, 2025 <i>m.j.p.</i> Date Modified: June 23, 2025	SHEET NO. A-2
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POST/FOOTER LAYOUT
ROOF FRAMING/BEAM PLAN

SEAL



NO SCALE



DOTec Engineering
424 Jefferson Street
St. Charles, MO 63301
Phone: 636.724.9872
Fax: 636.493.9332
info@dotecengineering.com

Building Size
30x60 Timber Pavilion
Mortise And Tenon
Open Gable A-Frame
BYS P.O. #17501

Site Address
Gloria Dei Lutheran Church
2113 Ravenna St,
Hudson, OH 44236
Bob Jensik 216-970-4996

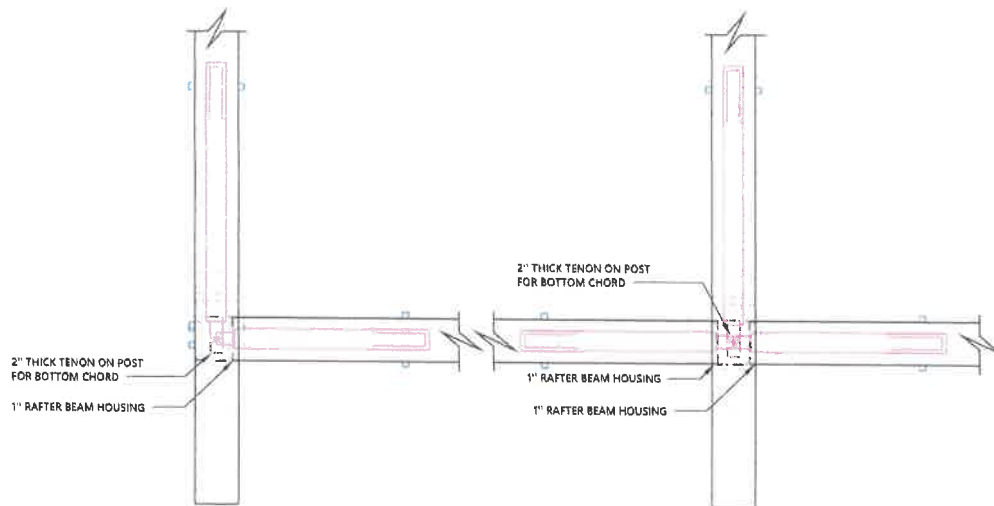


The Backyard Showcase
2604 Lincoln Highway E.
Ronks, PA 17572

Date Created: June 20, 2025
Date Modified: June 23, 2025

m.j.p.

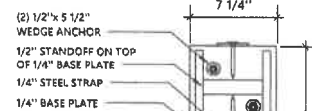
SHEET NO.
A-3



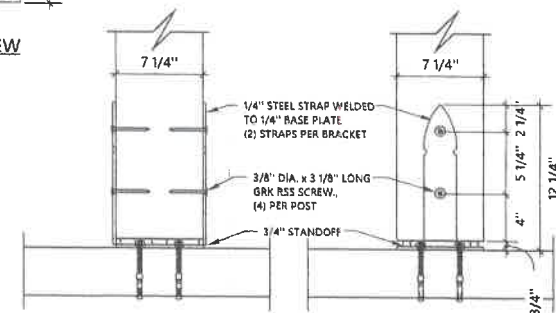
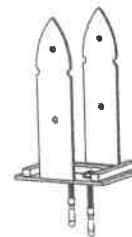
GABLE TRUSS TOP VIEW

INTERMEDITE TRUSS TOP VIEW

POST/BEAM/TRUSS CONNECTION



TOP VIEW



CUSTOM POST BRACKET DETAIL

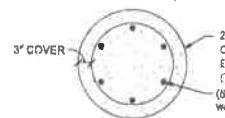
1/4" POWDER COATED STEEL

ASPHALT SHINGLES
WARRIOR ROOFING UNDERLAYMENT
2x8 T&G SPF ROOF DECKING
4x10 RAFTERS 36" O.C.

TIMBER SCREWS:
(1) 3/8" DIA. x 10" LONG GRK RSS THRU TOP OF 4x10 RAFTER INTO BEAM AND (1) THRU TOP OF 8x12 TOP CHORD INTO 8x10 BOTTOM CHORD

1" DEEP HOUSING FOR 8x8 RAFTER BEAM

POSTS ATTACHED TO CONCRETE w/ CUSTOM POST BASE USING (2) 1/2" x 5 1/2" WEDGE ANCHOR (SEE STEEL BRACKET DETAIL)

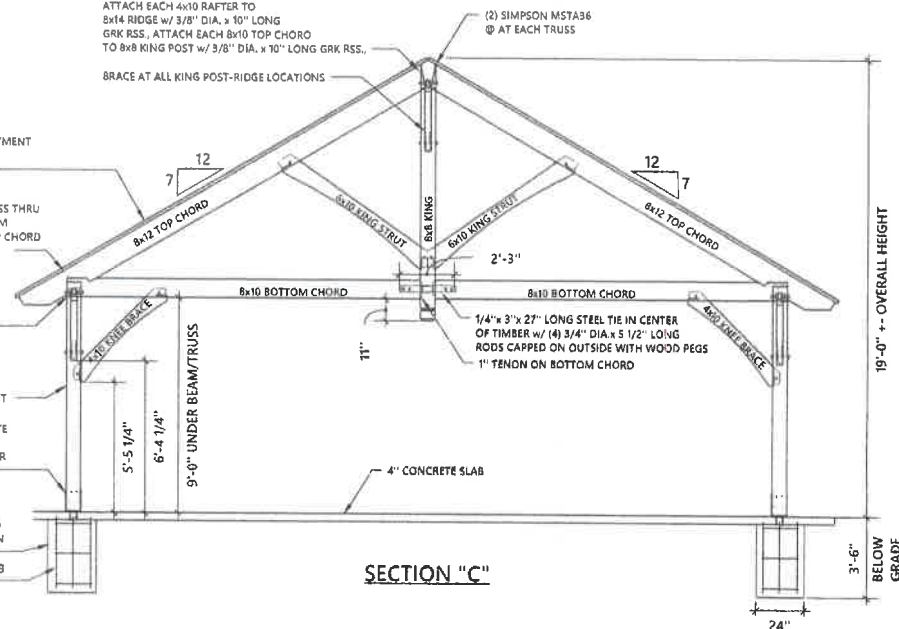


SECTION THROUGH FOOTING

TIMBER SCREWS:

ATTACH EACH 4x10 RAFTER TO 8x14 RIDGE w/ 3/8" DIA. x 10" LONG GRK RSS. ATTACH EACH 8x10 TOP CHORD TO 8x8 KING POST w/ 3/8" DIA. x 10" LONG GRK RSS.

BRACE AT ALL KING POST-RIDGE LOCATIONS



SECTION "C"

SEAL



NO SCALE

DOTec Engineering
424 Jefferson Street
St. Charles, MO 63301
Phone: 636.724.9872
Fax: 636.493.9332
info@dotecengineering.com

Building Size
30x60 Timber Pavilion
Mortise And Tenon
Open Gable A-Frame
BYS P.O. #17501

Site Address
Gloria Dei Lutheran Church
2113 Ravenna St,
Hudson, OH 44236
Bob Jensik 216-970-4996



The Backyard Showcase
2604 Lincoln Highway E.
Ronks, PA 17572

Date Created: June 20, 2025

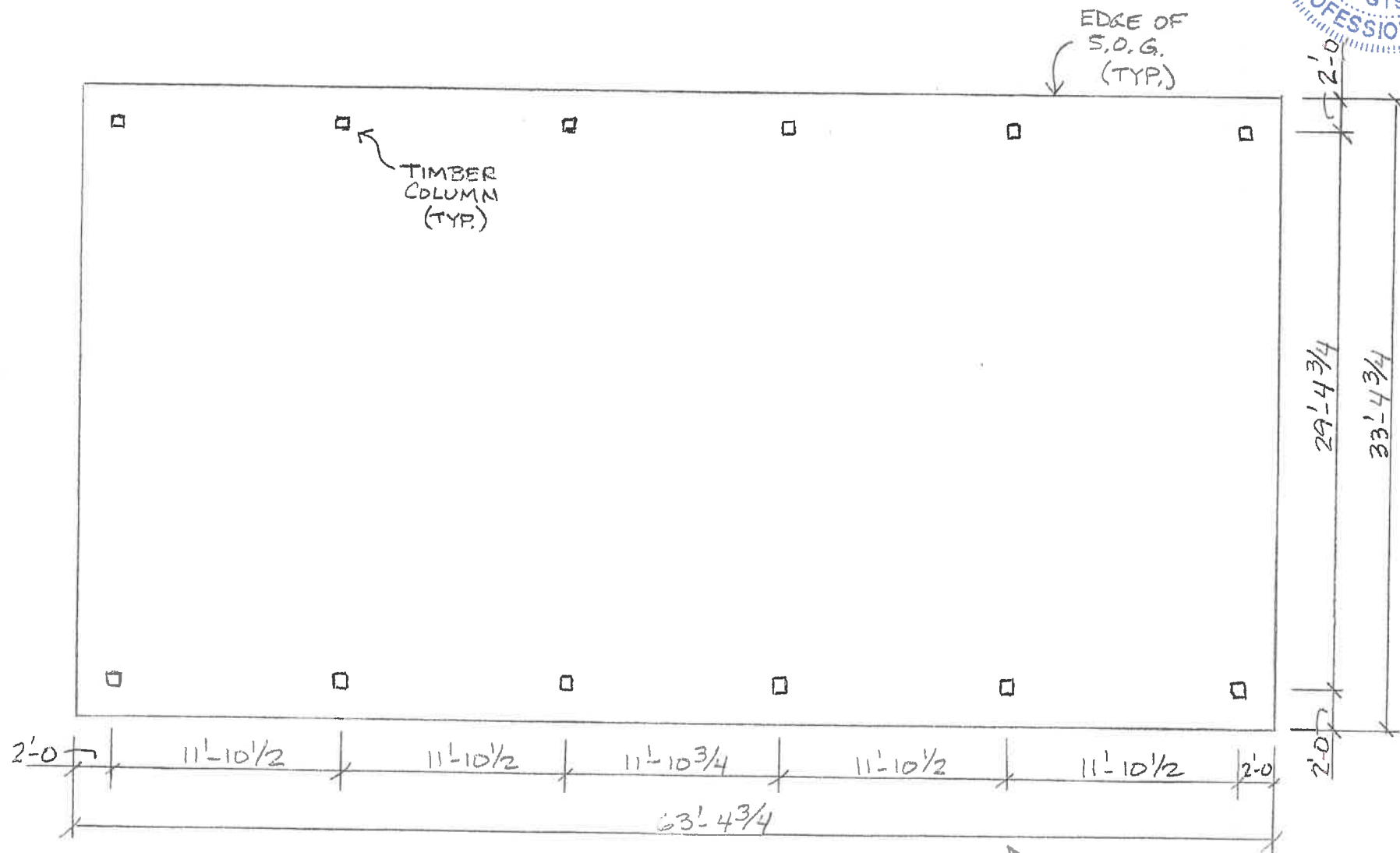
Date Modified: June 23, 2025

m.j.p.

SHEET NO.

A-4





FLOOR PLAN

1/8" = 1'-0"

North

GLORIA DEI CHURCH
6-21-25 BOBJ
DWG. A-5

Hand-drawn plan view of a rectangular slab on grade. The slab is 29'-4 3/4" wide and 22'-0" deep. It features a 4" slab on grade with a w/6 x 6 x w1.4 x w1.4 mesh on a 6" #304 gran. subbase. The plan shows a grid of 6 columns and 3 rows. Dimensions are given in feet and inches. Notes include "OPTIONAL CONST. JT. THIS LINE" and "SAWCUT (TYP.)". A circular stamp in the bottom right corner reads "DATE OF OH".

4" SLAB ON GRADE
w/ 6x6 x w1.4 x w1.4 MESH
ON 6" #304 GRAN. SUBBASE

OPTIONAL
CONST. ST.
THIS LINE

SAWCUT
(TYP.)

FTG. (TYP.)

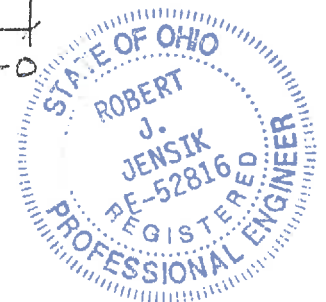
NOTES

- 1) CONC. TO BE 3,500 PSI $\frac{1}{2}$ " MAX. SLUMP
- 2) CONC. TO BE AIR ENTRAINED
- 3) STEEL TROWEL FINISH
- 4) MESH TO BE SHEETS, NOT ROLLS
- 5) SUPPORT MESH AT 2" ABOVE SUBBASE

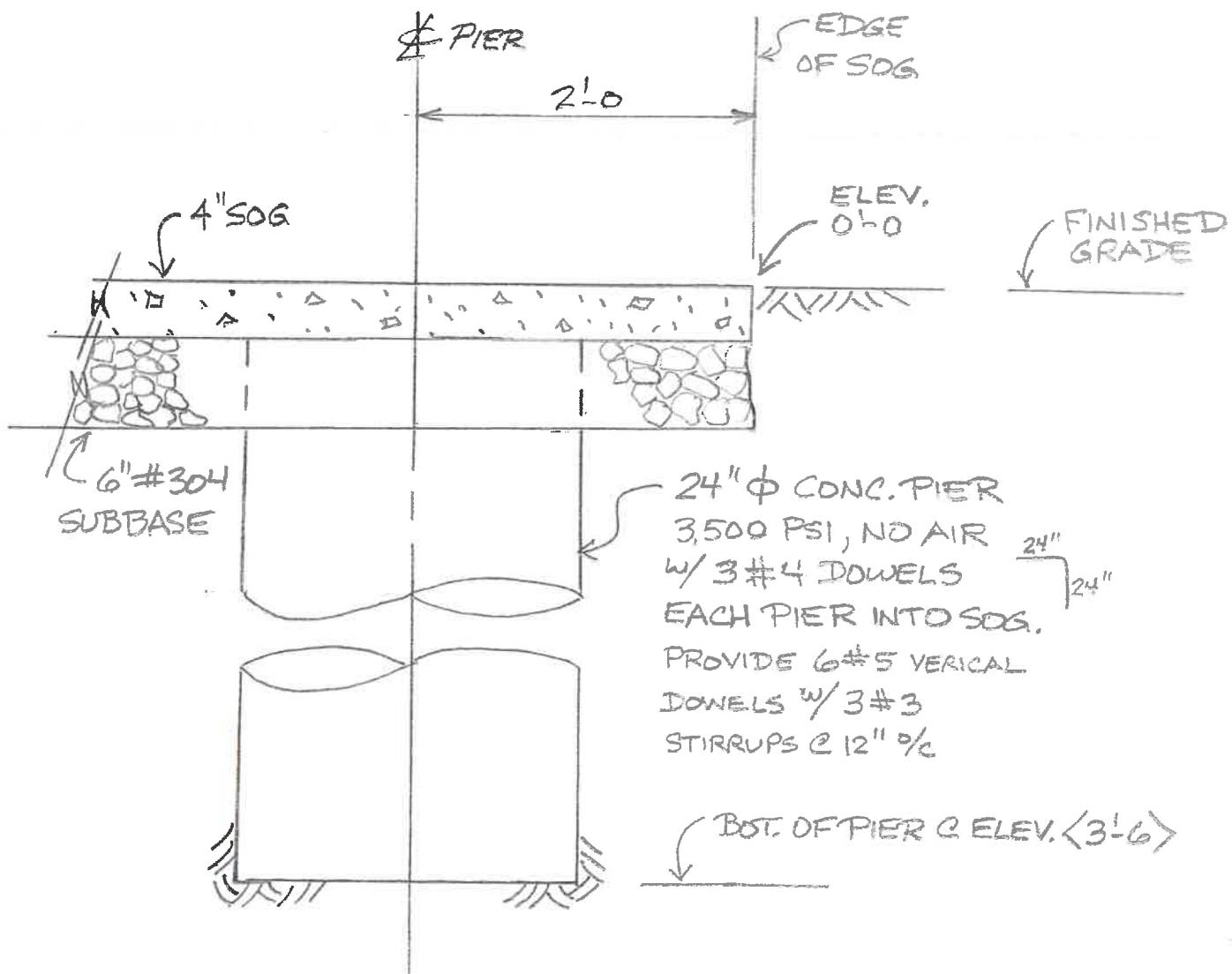
CONC. SLAB-ON-GRADE
PLAN VIEW

$$\frac{1}{8}'' = 1'-0$$

AN

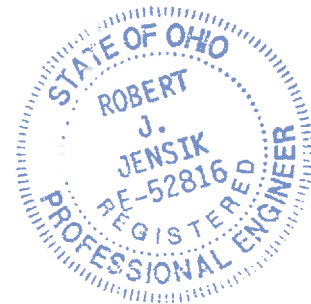


GLORIA DEI CHURCH
6-21-25 BOBT
DWG. S-1



SECTION 'A'

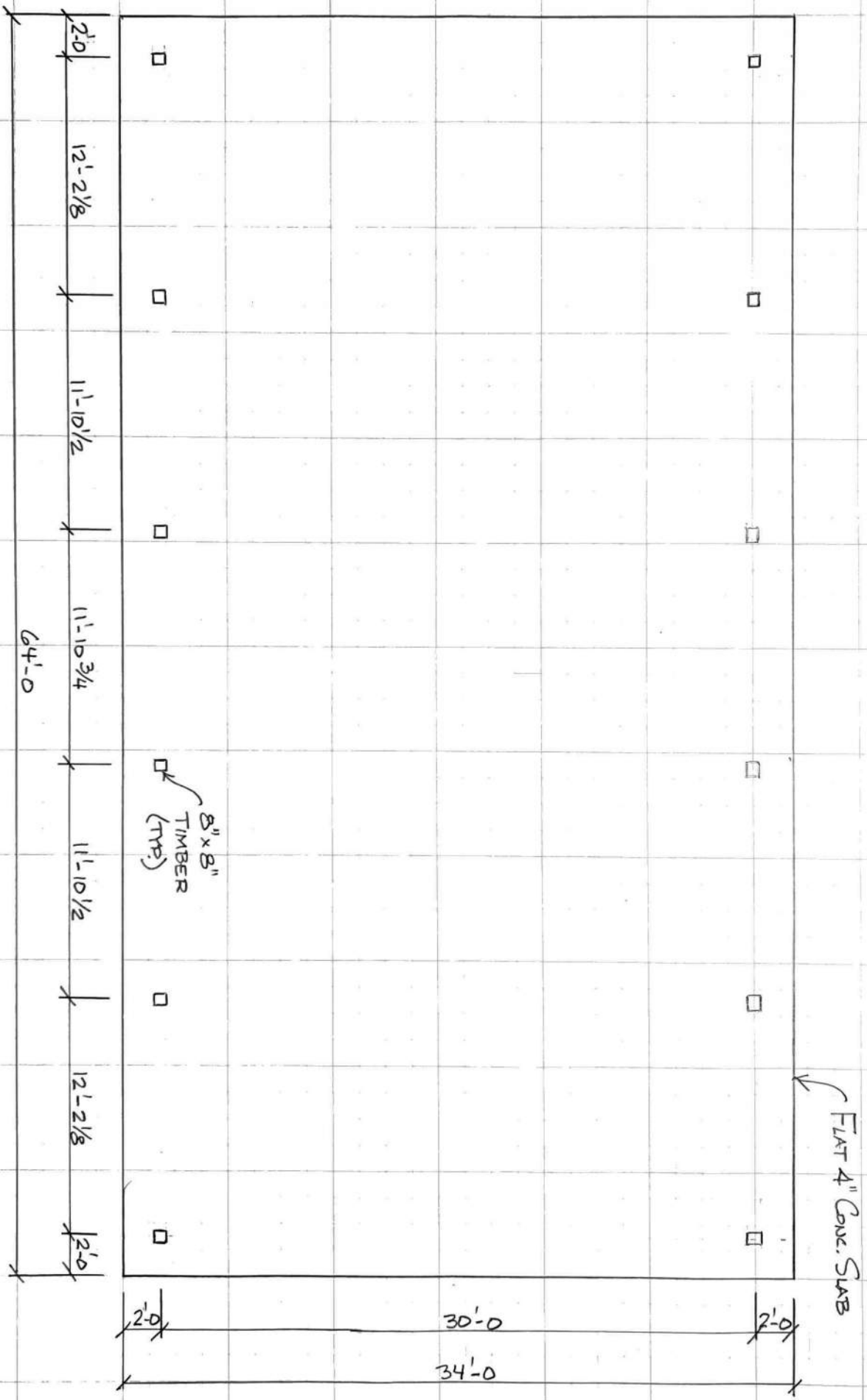
1" = 1'-0



GLORIA DEI CHURCH
5-26-25 BY: RJ
DWG. S-2







FLOOR PLAN

3/16" = 1'-0"

GLORIA DEI CHURCH
6-21-25 BOB S
DWG. A-1







