

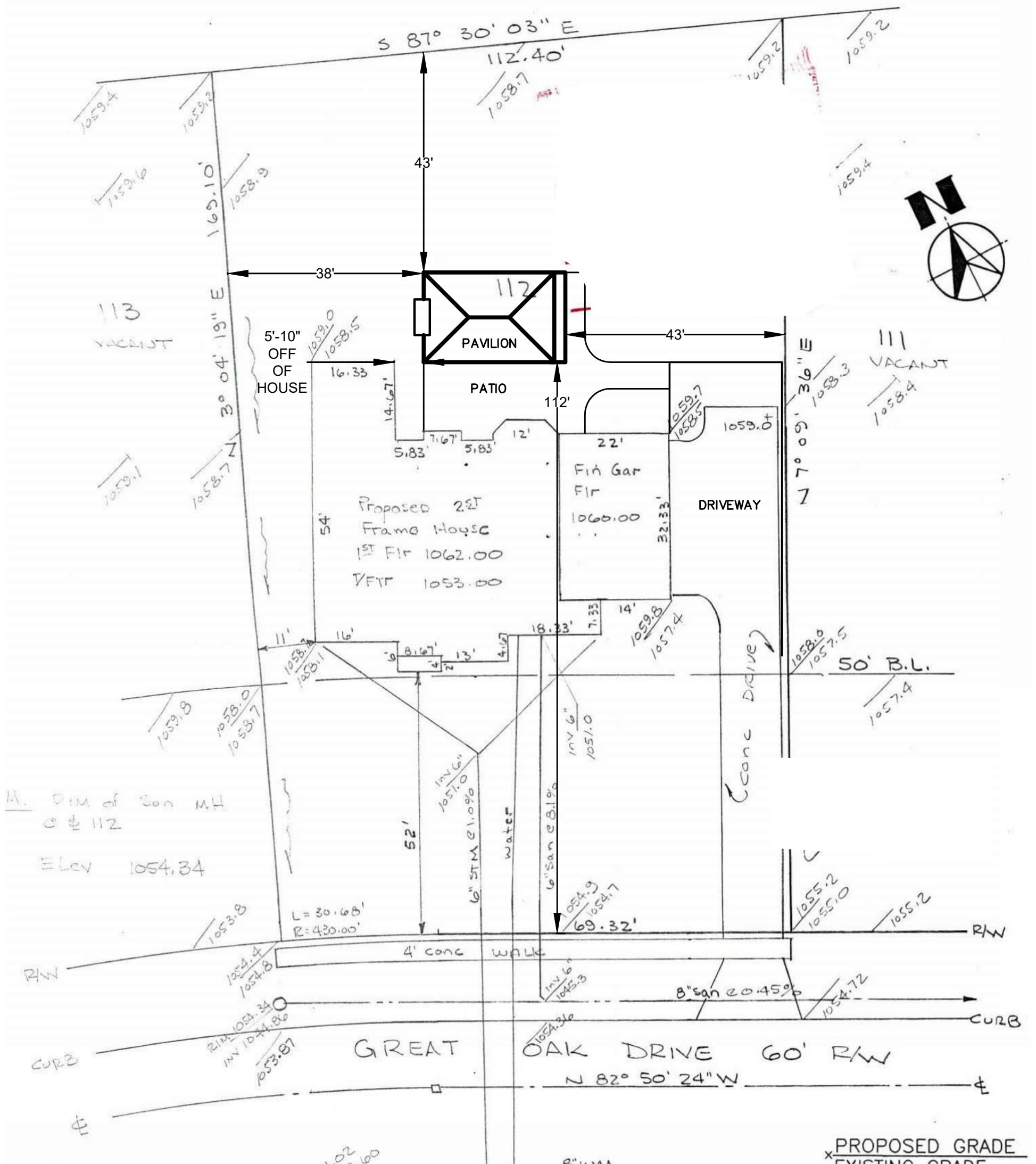
LOT IMPROVEMENT PLAN

SUBLOT NO. 112 IN WINSTON MANOR PH. 5

CITY OR TOWNSHIP OF HUDSON

COUNTY OF SUMMIT, STATE OF OHIO

BUILDER FRANKLIN BUILDING CO.



NORTH
ARROW



SCALE: 1" = 20'
DESIGNER: VANVOORHIS



Suncrest
Gardens

Landscape Development • Management • Garden Center

5157 Akron-Cleveland Road, Peninsula, OH 44264
www.SuncrestGardens.com • 330.650.4969

L-0: SITE SURVEY PLAN

CURRAN RESIDENCE

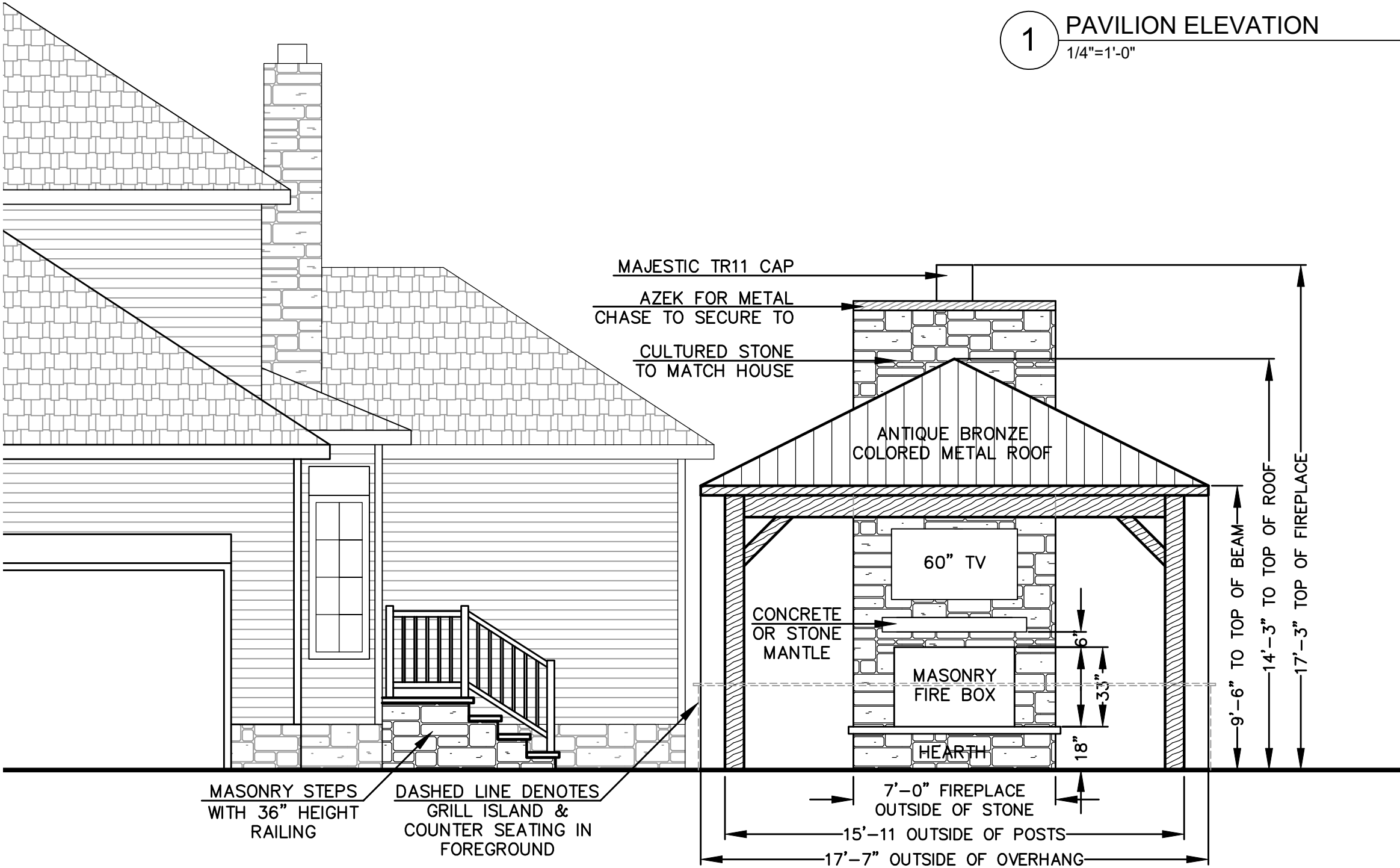
59 GREAT OAK DRIVE

HUDSON, OH 44236

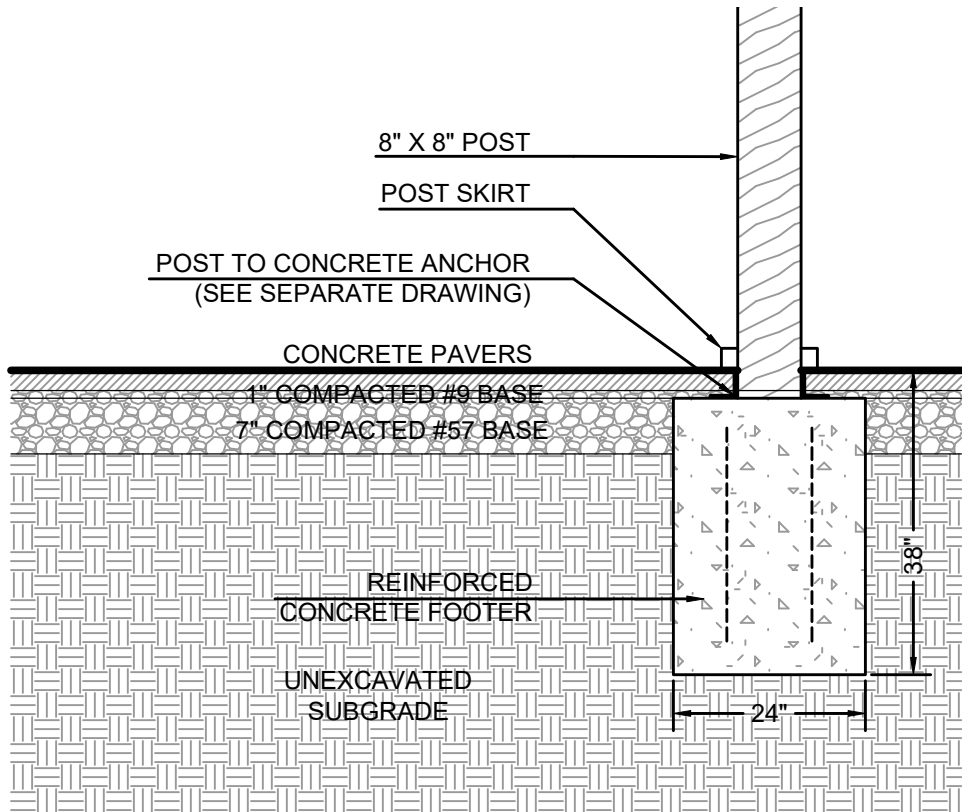
DATE	NOTES
10/16/23	HUDSON



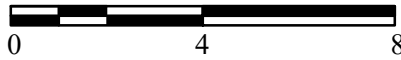
1 PAVILION ELEVATION
1/4"=1'-0"



2 PAVILION SIDE ELEVATION/SECTION
1/4"=1'-0"

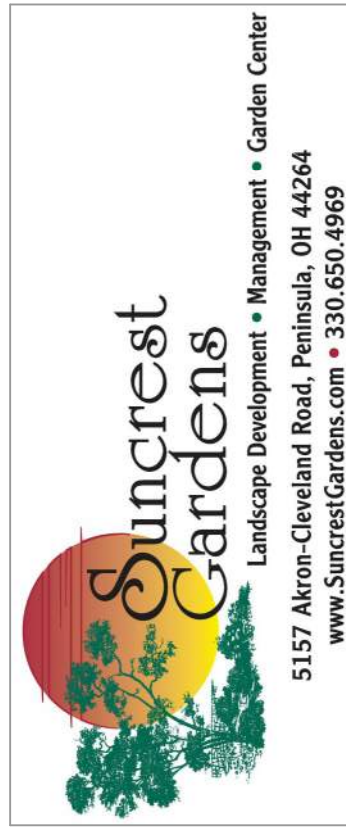


3 PAVILION FOOTER DETAIL
1/2"=1'-0"



DATE	NOTES
10/16/23	HUDSON

BACKYARD ELEVATIONS
CURRAN RESIDENCE
59 GREAT OAK DRIVE
HUDSON, OH 44236

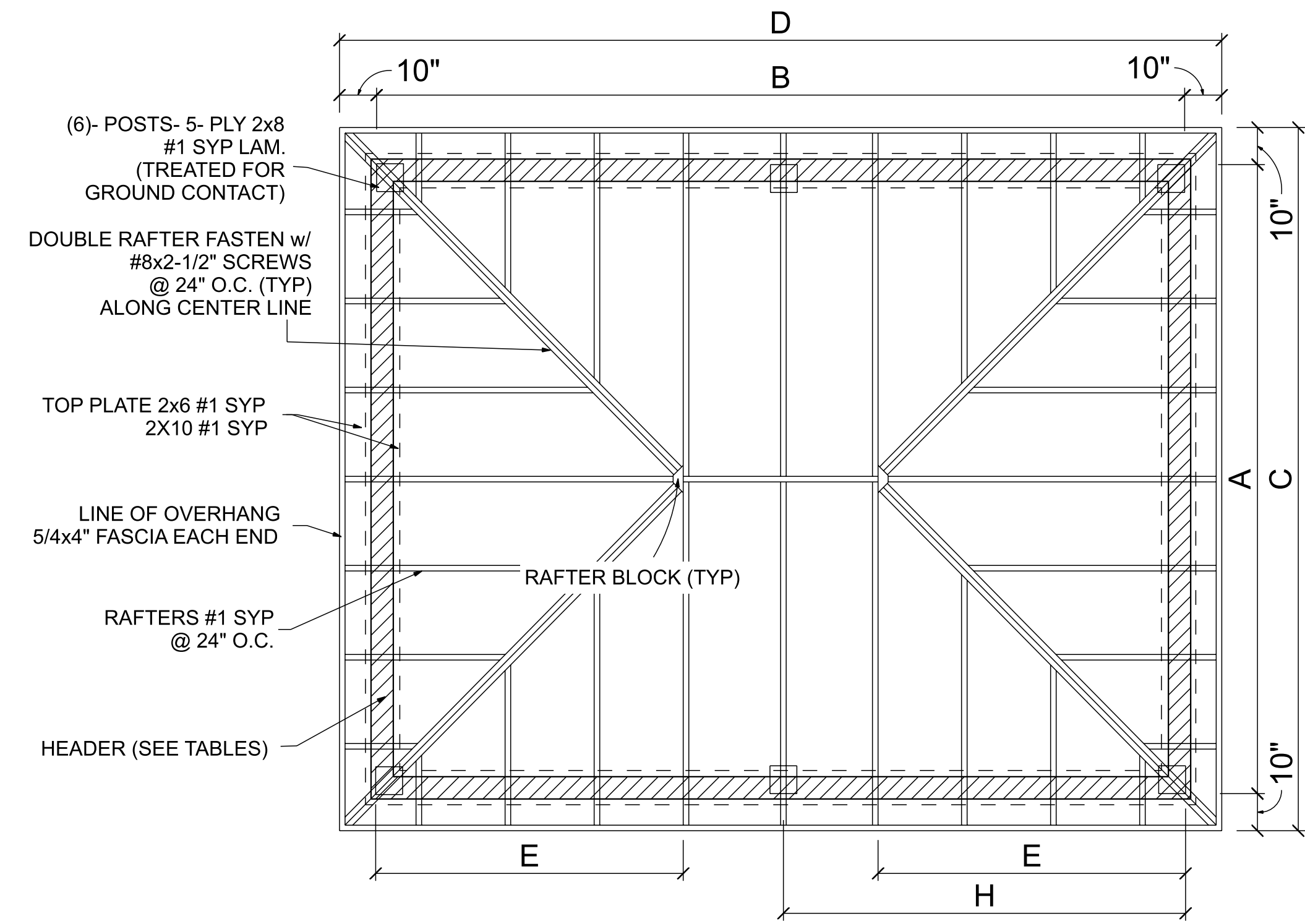


NORTH ARROW

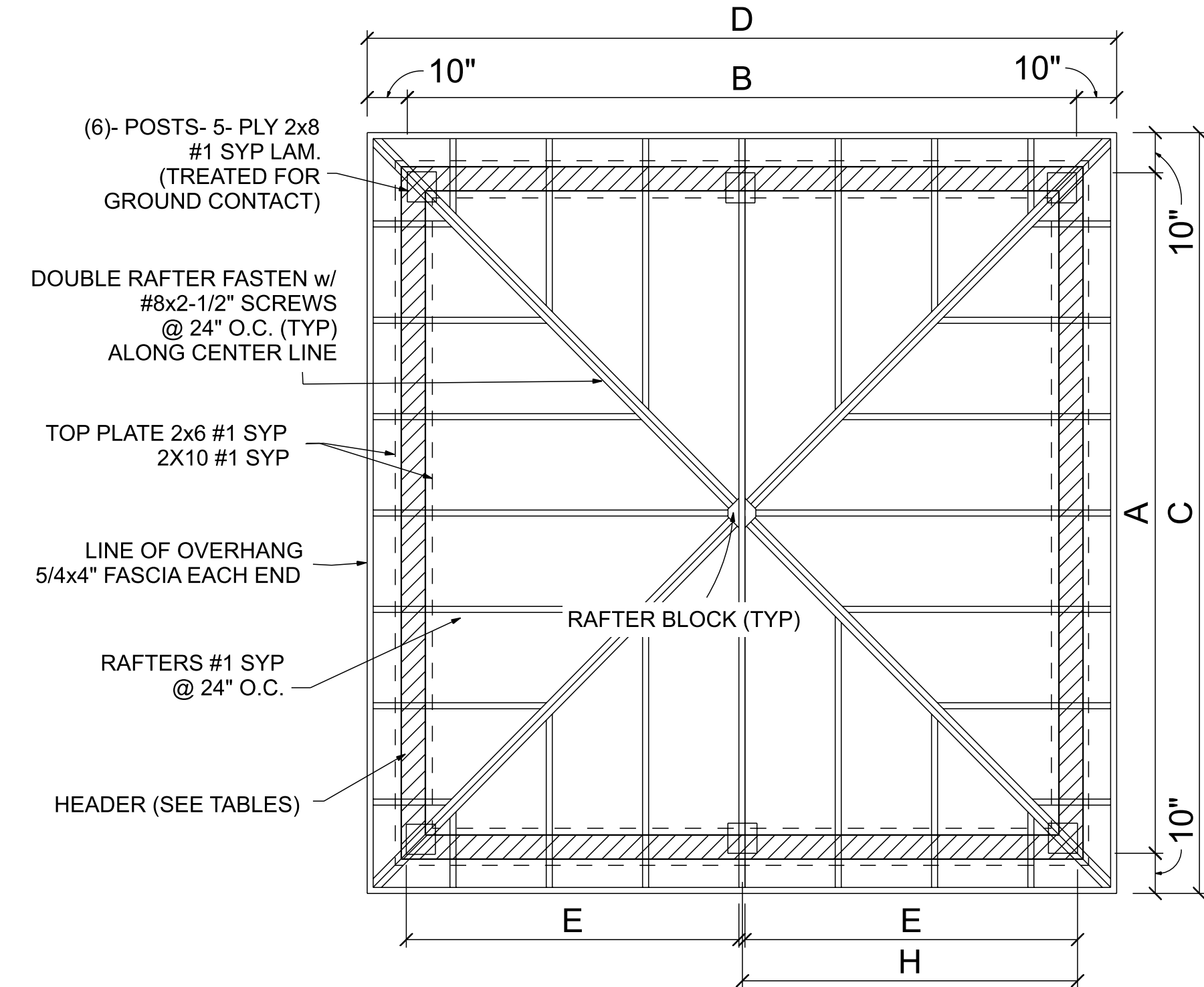
SCALE: SEE PLAN
DESIGNER: VANVOORHIS

CASCADE PAVILIONS

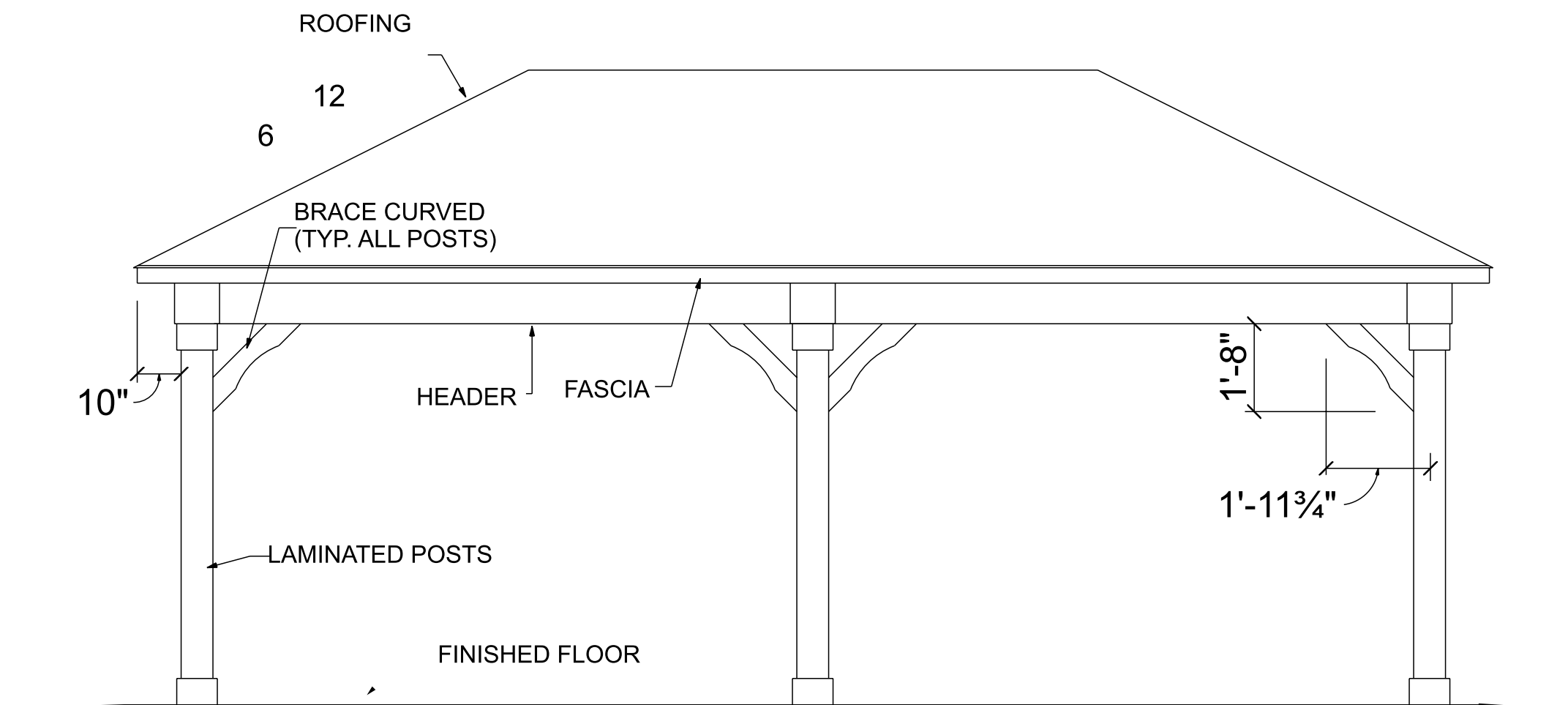
STRUCTURAL PLANS ONLY .OTHERS RESPONSIBLE FOR MEETING ALL OTHER STATE AND LOCAL REQUIREMENTS AND REQUIRED SUBMITTAL



1-6P-S-100 ROOF FRAMING PLAN

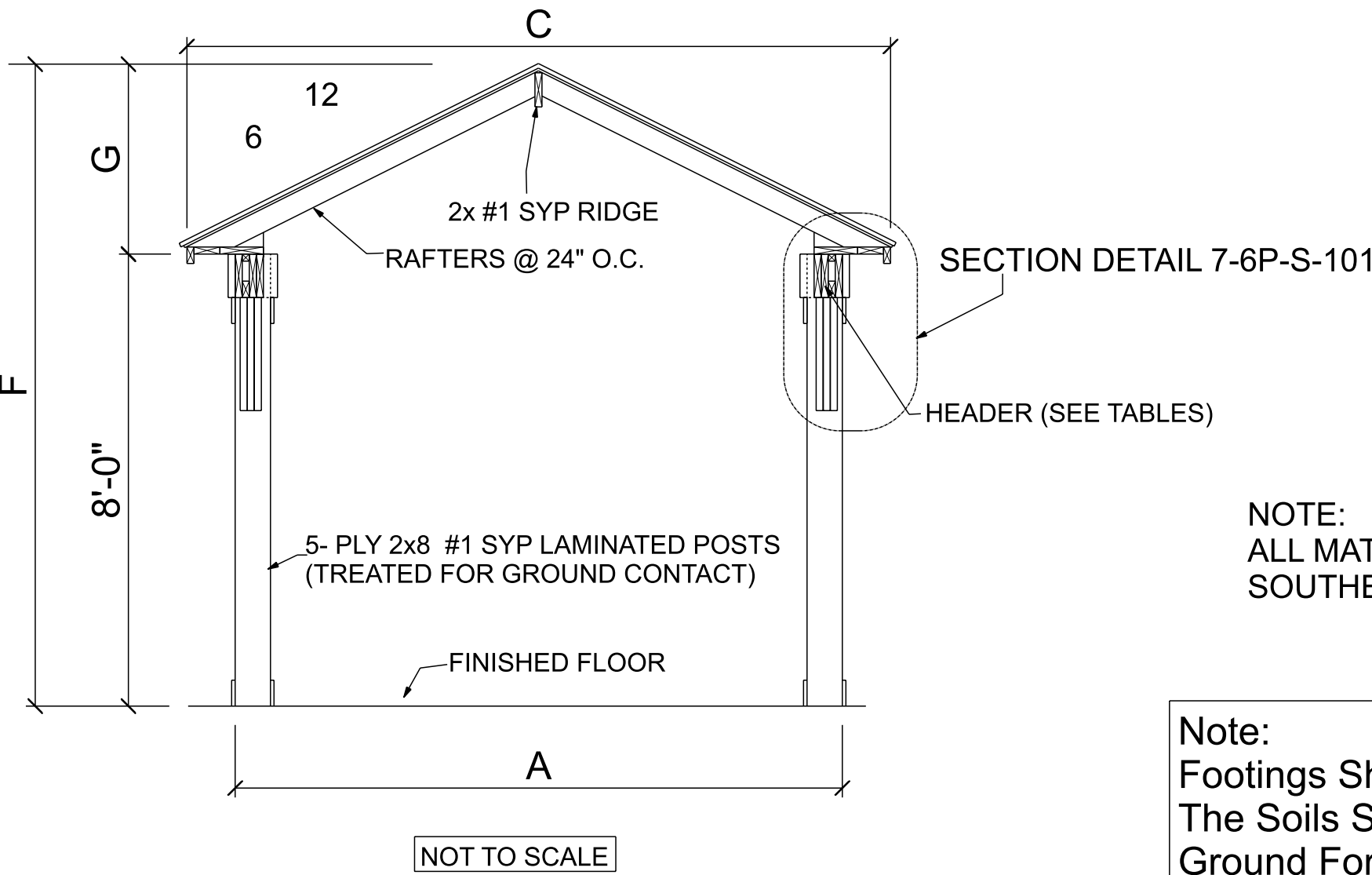


2-6P-S-100 ROOF FRAMING PLAN

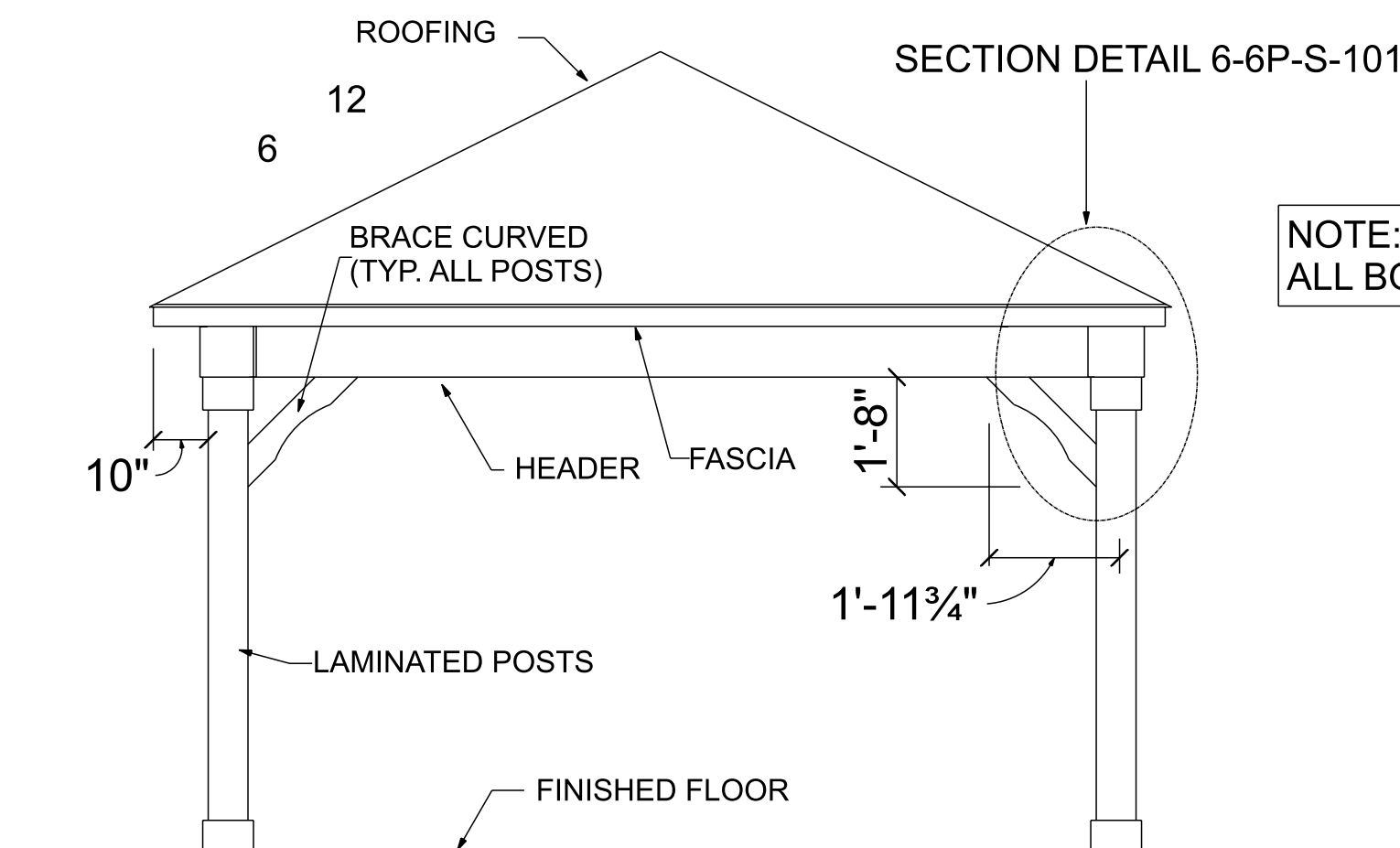


4-6P-S-100 SIDE ELEVATION

Fasteners Are GRK-RSS Construction Screws or Saber Drive Screws At Length and Diameter Specified w/ Coating Approved For Use In Preservative Treated Wood w/ The Treatment Used Unless Noted Otherwise.



3-6P-S-100 CROSS SECTION- TRUSSES



5-6P-S-100 END ELEVATION

6- POST PAVILION TABLE									
SIZE	A	B	C	D	HEADERS*	HEIGHT (F)	AREA (SQ. FT.)	RAFTER ON CENTER SPACING	FOOTER DIAMETER - (I) REBAR CALLOUT
12X20	12'-0"	20'-0"	13'-8"	21'-8"	2- PLY	11' - 5"	240	2x6 @ 24"	16" - (5) #4 VERTICAL
12X24	12'-0"	24'-0"	13'-8"	25'-8"	2- PLY	11' - 5"	288	2x6 @ 24"	16" - (5) #4 VERTICAL
14X20	14'-0"	20'-0"	15'-8"	21'-8"	3- PLY	11' - 11"	280	2x6 @ 24"	20" - (5) #4 VERTICAL
14X24	14'-0"	24'-0"	15'-8"	25'-8"	3- PLY	11' - 11"	336	2x6 @ 24"	20" - (5) #4 VERTICAL
16X20	16'-0"	20'-0"	17'-8"	21'-8"	3- PLY	12' - 5"	320	2x6 @ 24"	20" - (5) #4 VERTICAL
16X24	16'-0"	24'-0"	17'-8"	25'-8"	3- PLY	12' - 5"	384	2x6 @ 24"	20" - (5) #4 VERTICAL
18X20	18'-0"	20'-0"	19'-8"	21'-8"	3- PLY	12' - 11"	360	2x6 @ 24"	20" - (5) #4 VERTICAL
18X24	18'-0"	24'-0"	19'-8"	25'-8"	3- PLY	12' - 11"	432	2x6 @ 24"	20" - (5) #4 VERTICAL

*HEADER NOTES:
2- PLY IS (2)- 2x10 #1 SYP FASTENED TOGETHER w/ (2) 2x2 & (2) 2x4.
3- PLY IS (3)- 2x10 #1 SYP FASTENED TOGETHER w (1) 2x2 & (1) 2x4.
4- PLY IS (4)- 2x10 #1 SYP FASTENED TOGETHER.
4- PLY* IS (2)- 2x10 & (2) 1.75"x9.25" LVL #1 SYP FASTENED TOGETHER.
HEADER PLY'S ARE GLUED TOGETHER,AND SCEWED TOGETHER
2 ROWS SCREWS STARTING 3" FROM EACH END

6- POST PAVILION TABLE			
SIZE	E	G	H - POST SPACING
12x20	5'-11 1/4"	3'-5"	10'-0"
12x24	5'-11 1/4"	3'-5"	12'-0"
14x20	6'-11 1/4"	3'-11"	10'-0"
14x24	6'-11 1/4"	3'-11"	12'-0"
16x20	7'-11 1/4"	4'-5"	10'-0"
16x24	7'-11 1/4"	4'-5"	12'-0"
18x20	8'-11 1/4"	4'-11"	10'-0"
18x24	8'-11 1/4"	4'-11"	12'-0"

NOTE:
ALL MATERIALS, UNLESS OTHERWISE NOTED, ARE SOUTHERN YELLOW PINE #2 or BETTER GRADE

Note:
Footings Shown Are Applicable For Pavilions That Are Listed in Tables.
The Soils Strengths Is Code Allowed Minimum 1,500 psf. The Design Is Based On Level Ground For At Least 10 ft. Beyond Building Line In All Directions. If These Conditions DO NOT Exist, A Registered Engineer Must Do The Final Foundation Design.

NOTE:
ALL BOXED SPECS. ARE APPLICABLE FOR SPECIFIC JOBS.

Design Complies with Ohio Residential Code 2019 and The Ohio Building Code 2017
Structural Design Based On ASCE 7 - 10
Snow Load:
Ground Snow Load = 20 Psf
Snow Exposure Factor For Terrain Category B = 1.0
Thermal Factor = 1.2
Slope Factor = 1.0
Importance Factor For Category II = 1.0
Unbalanced Snow Load, Does Not Apply
Roof LL = 20 psf
Roof DL = 10 psf

Wind Load:
Basic Wind Speed = 115 MPH
Wind Pressure For Exposure B Per Table
Importance Factor For Category II = 1.0

SEISMIC DESIGN

S5 = 15
S1 = 6
Site Class = D
Designed Using Simplified Lateral Force Analysis Procedures.
F = 1.0
Fa = 1.4
Sds = 1.0
R = 7

- 5- PLY 2x8 #1 SYP LAMINATED POSTS (TREATED FOR GROUND CONTACT)

FOUNDATION NOTES-
- CONCRETE - 4,000 psi w/ 5- 7% AIR ENTAINMENT

ROOF STRUCTURE OPTIONS-
- PINE 1x SHEATHING w/ RAFTERS

ROOFING OPTIONS-
- 30 YEAR ASPHALT SHINGLES
- 29 GA. PAINTED STEEL ROOF

INFORMATIONAL COPY ONLY-SEALED PLANS AVAILABLE UPON REQUEST

BERLIN GARDENS
5029 TOWNSHIP HIGHWAY 359
MILLERSBURG , OHIO 44654
HOLMES COUNTY

REVISIONS		
MARK	DATE	DESCRIPTION
1.	3-12-20	AG-CO FOOTER

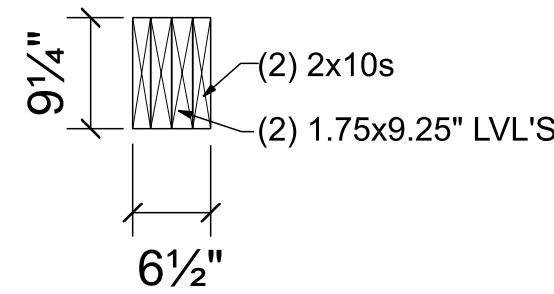
PROJECT NO: xxx
DRAWN BY: KK
DATE: 4/1/2022
SHEET TITLE:

CASCADE PAVILION
6- POST STRUCTURES

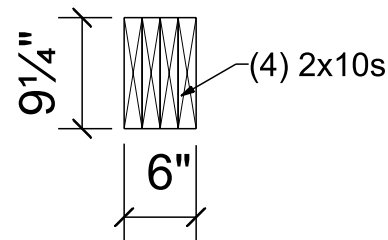
6P S-100



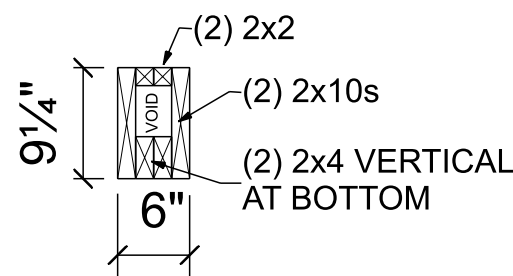
Cascade Pavilion
SCALE: 3/8" = 1'-0"



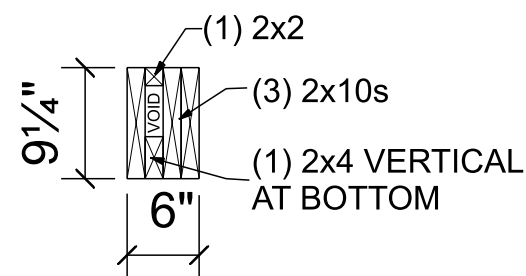
4- PLY HEADER (LVL)



4- PLY HEADER



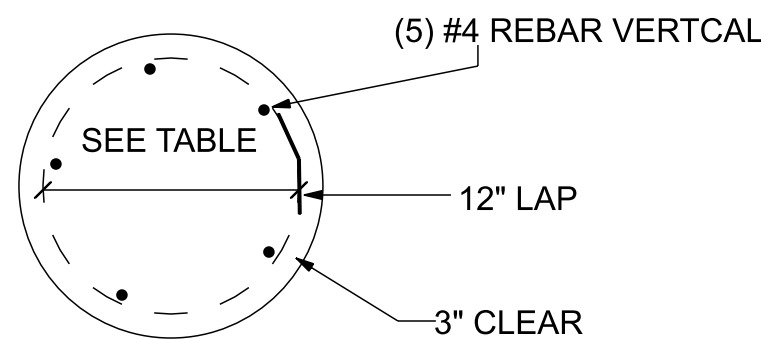
2- PLY HEADER



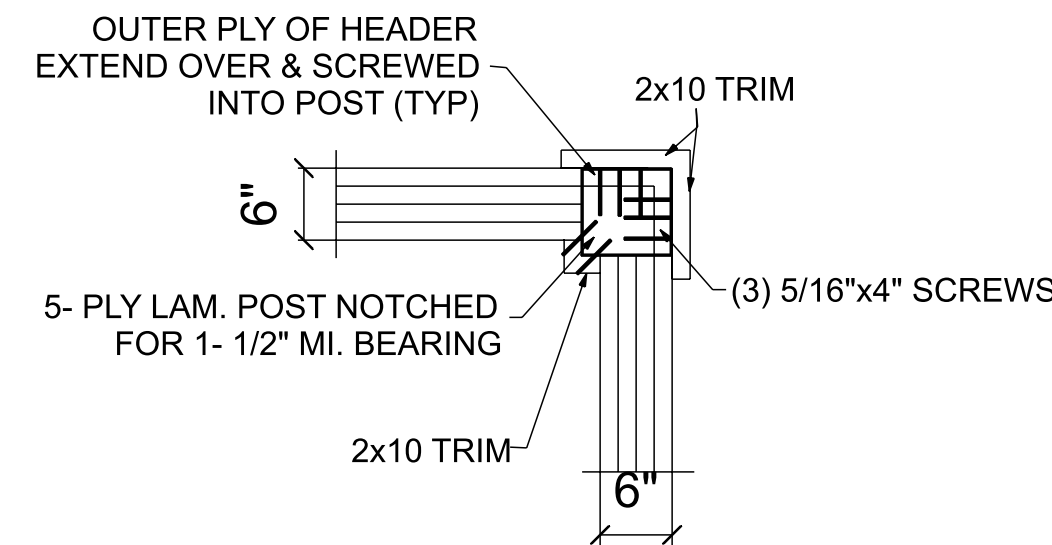
3- PLY HEADER

8-6P-S-101 HEADER DETAILS
SCALE: 3/4" = 1'-0"

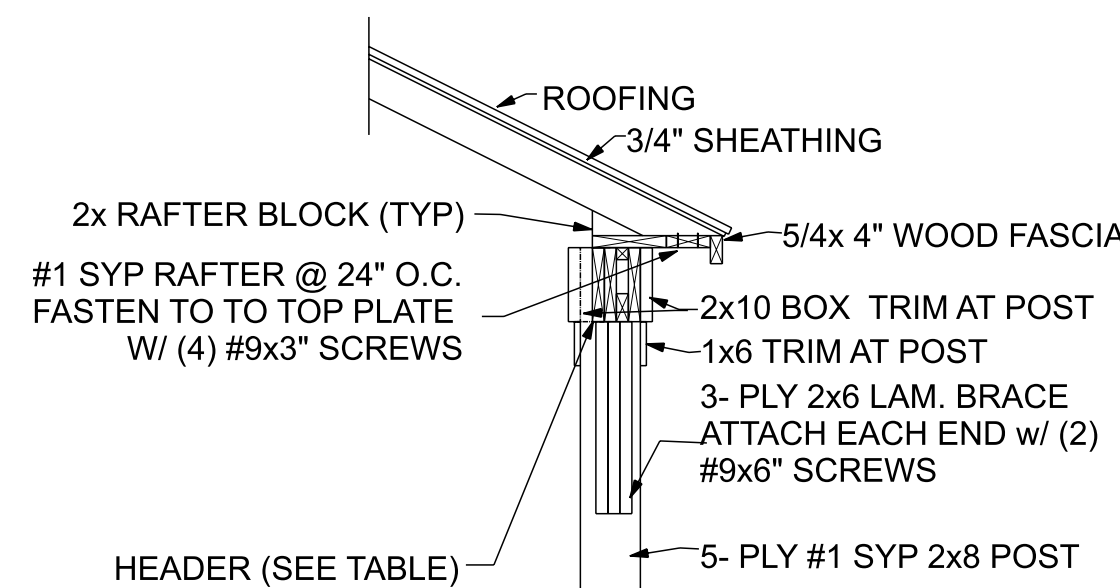
NOTE:
OPTIONAL CEILING CAN BE INSTALLED.



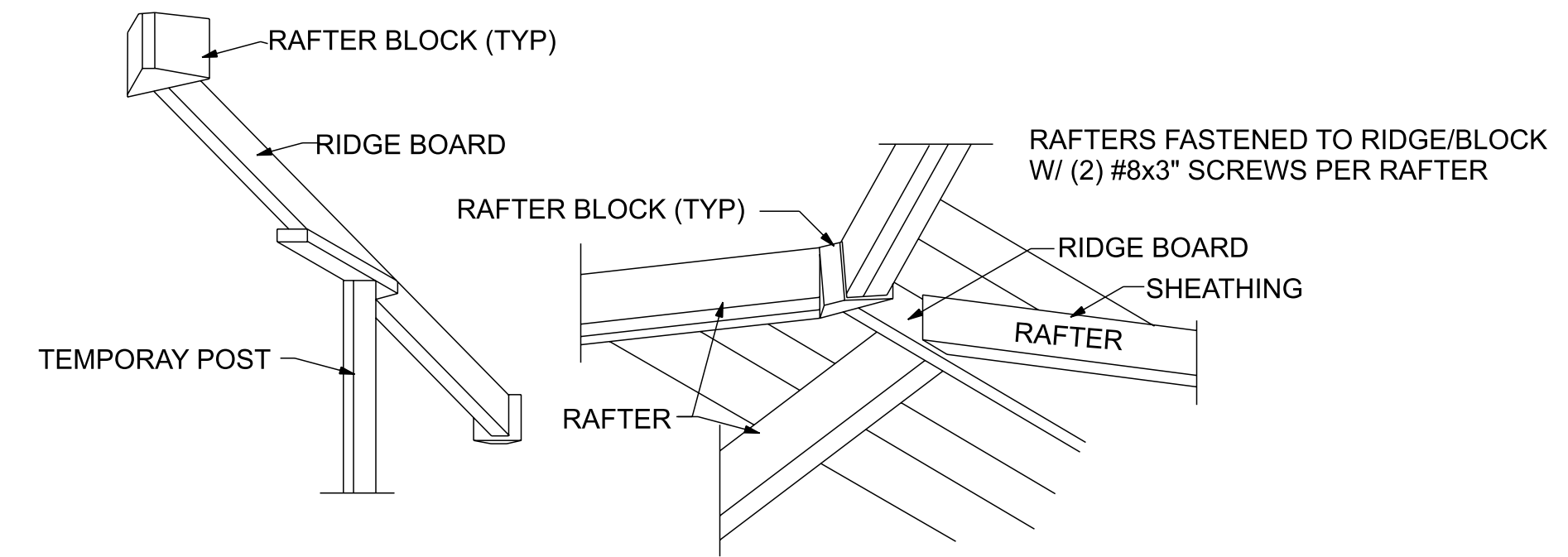
Rebar Diagram
SCALE: 1" = 1'-0"



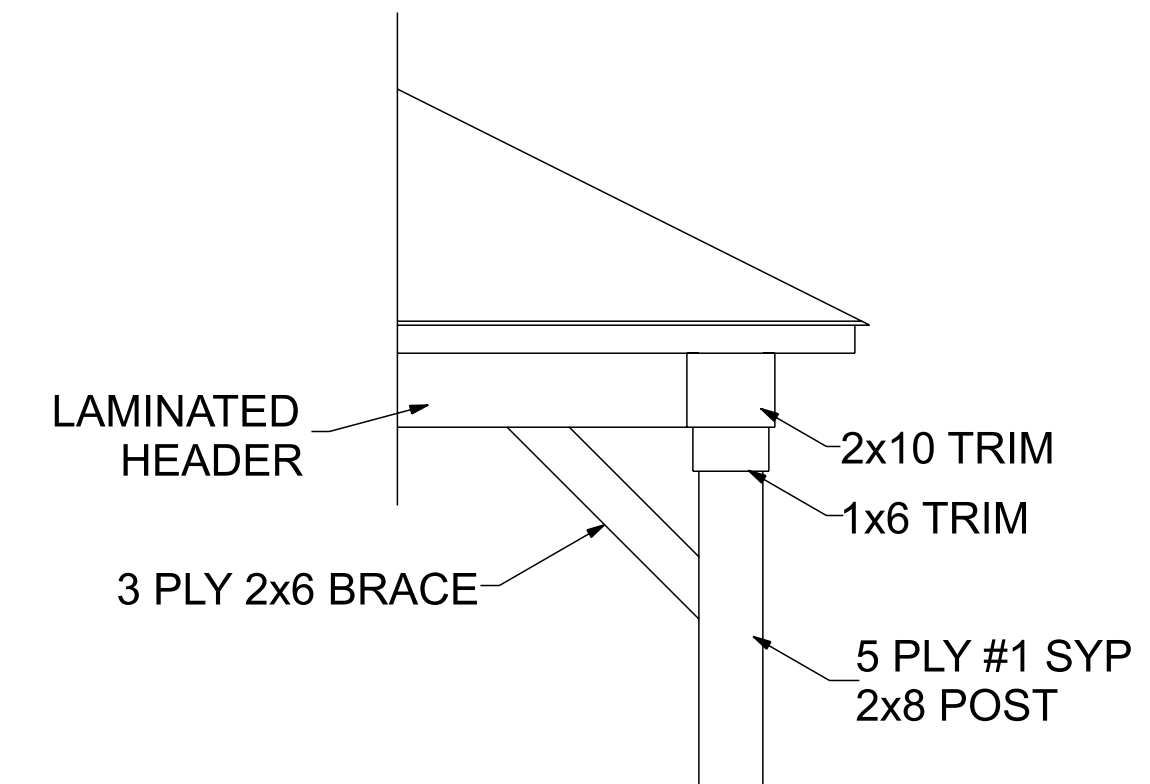
NOTE:
TOP PLATE CONSISTS OF A 2x6 & 2x10
(#1 SYP) POCKET HOLED TOGETHER w/
2 1/2" PAN HEAD SCREWS 8" O.C. STAGGERED
ATTACH TOP PLATE TO HEADER w/ 5/16"x3 1/8" SCREWS 24" O.C.



7-6P-S-101 TOP PLATE
SCALE: 1/2" = 1'-0"

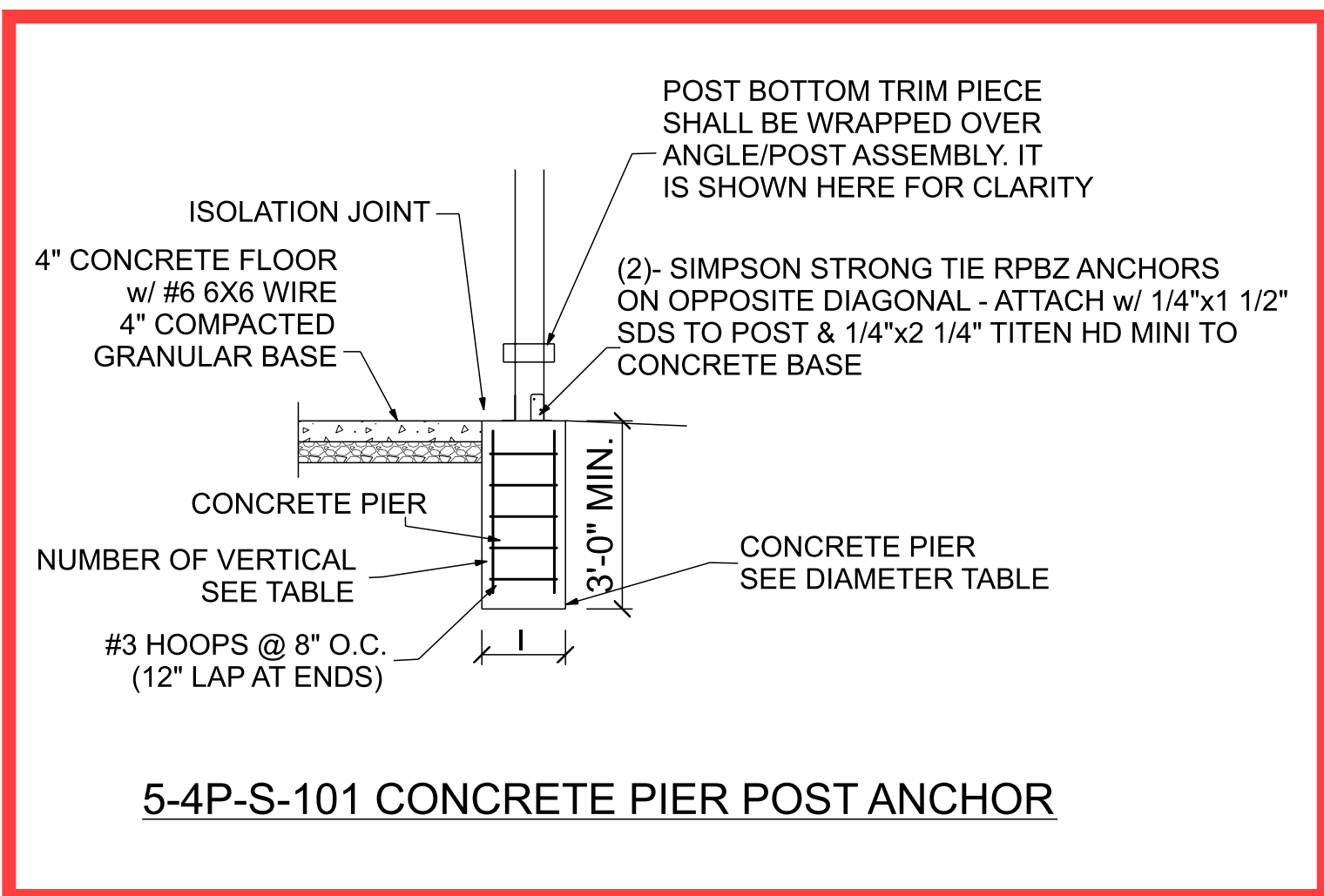


9-6P-S-101 RAFTER BLOCK DETAIL
SCALE: NOT TO SCALE

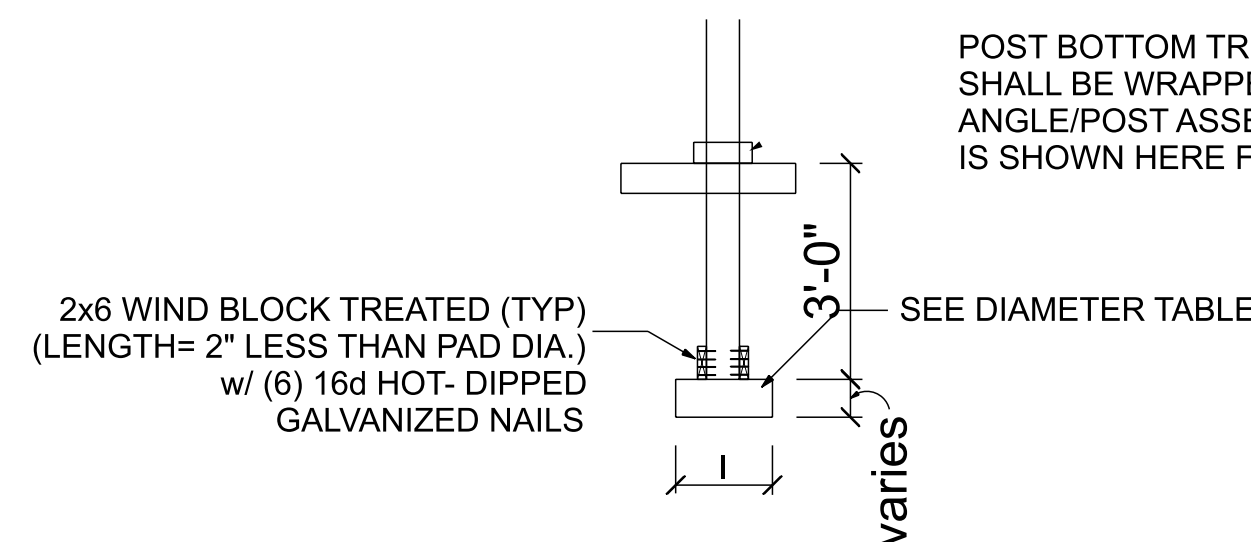


6-6P-S-101 BRACE DETAIL
SCALE: 1/2" = 1'-0"

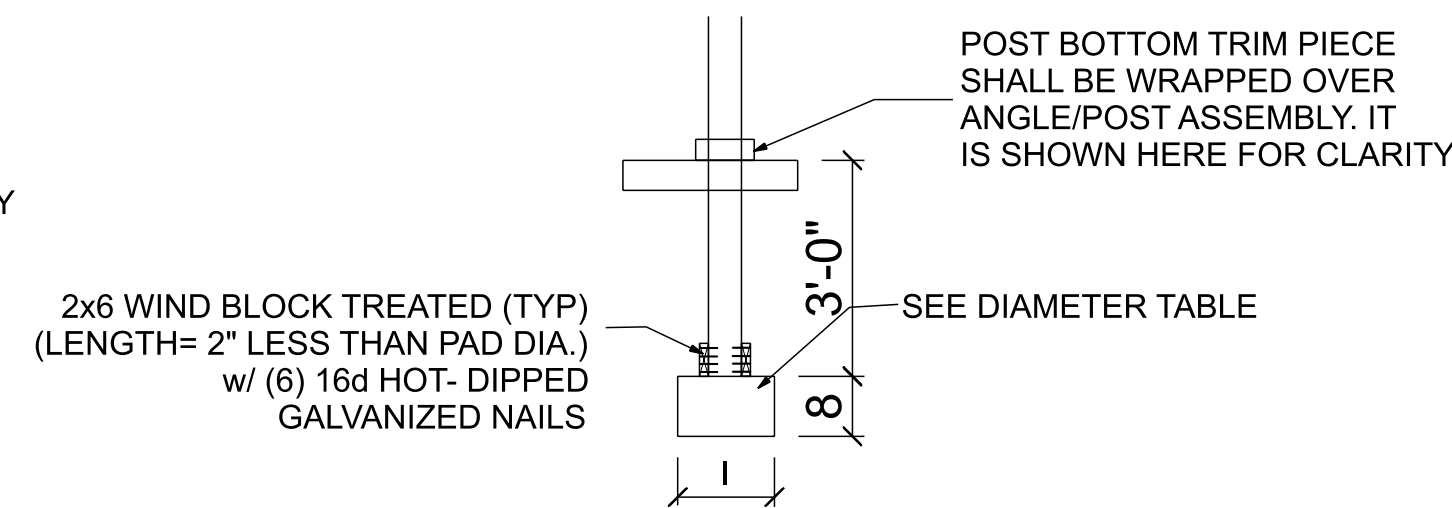
Cascade Pavilion
SCALE: 3/8" = 1'-0"



5-4P-S-101 CONCRETE PIER POST ANCHOR



6-4P-S-101 AG-CO PRODUCTS, INC.
FP MOLDED COMPOSITE FOOTING PAD



7-4P-S-101 EMBEDDED POST

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take life outdoors™

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SEALED PLANS
AVAILABLE
UPON REQUEST

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5029 TOWNSHIP HIGHWAY 359
MILLERSBURG , OHIO 44654
HOLMES COUNTY

REVISIONS		
MARK	DATE	DESCRIPTION
1.	3-12-20	AG-CO FOOTER
PROJECT NO: xxx		
DRAWN BY: KK		
DATE: 4/1/2022		
SHEET TITLE:		
CASCADE PAVILION 6- POST STRUCTURES		
6P-S-101		



