

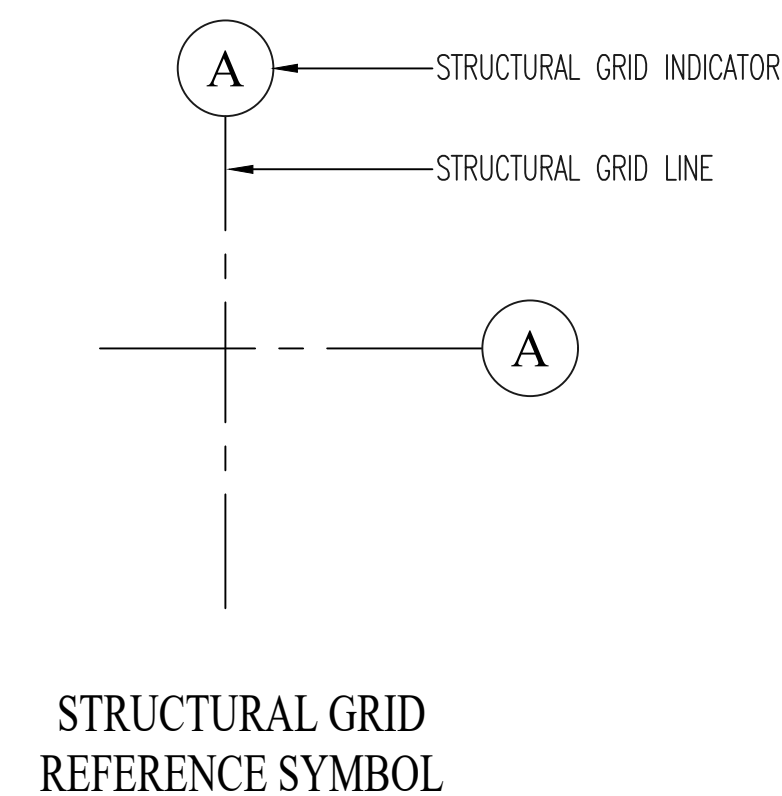
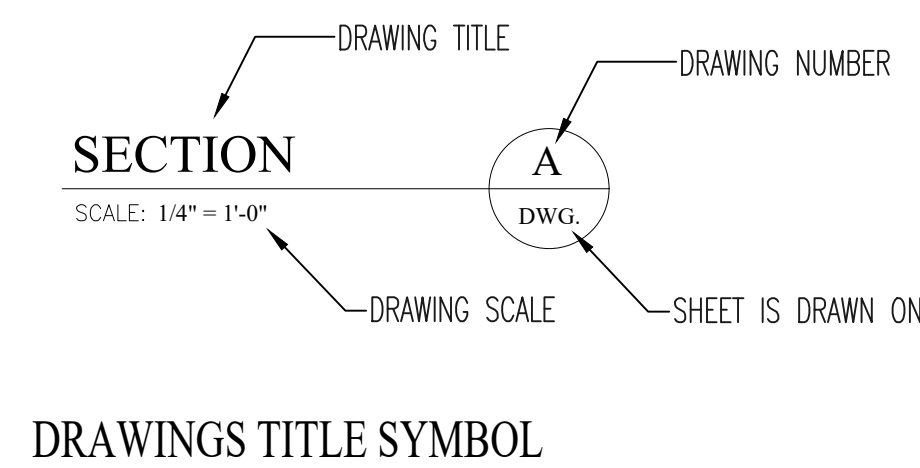
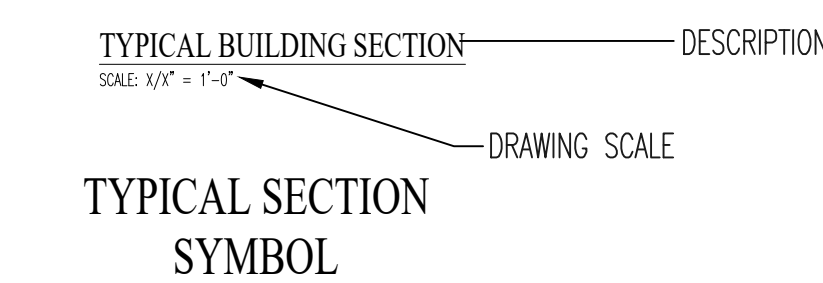
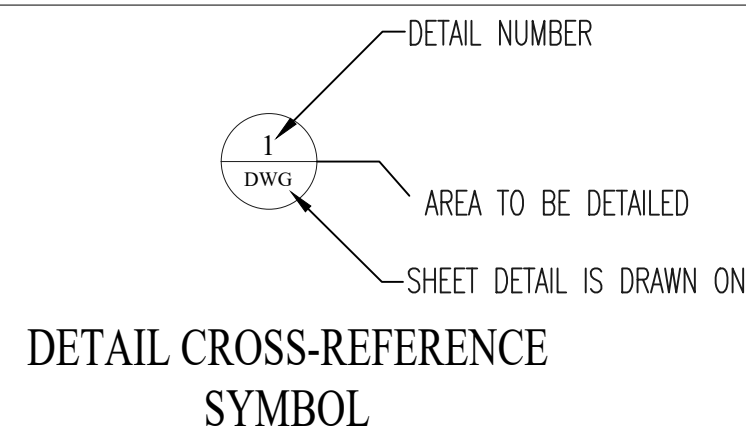
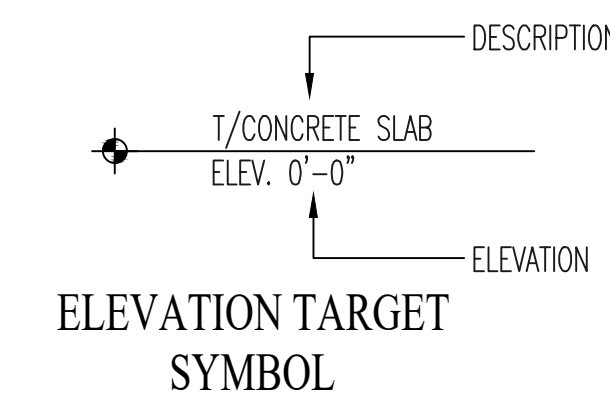
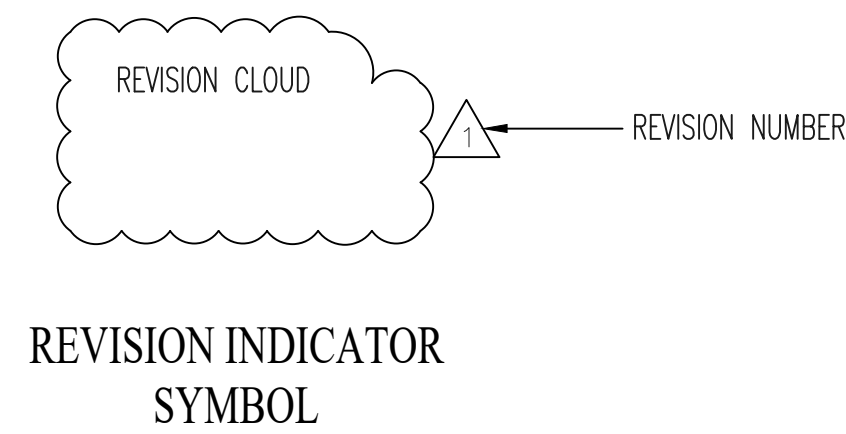
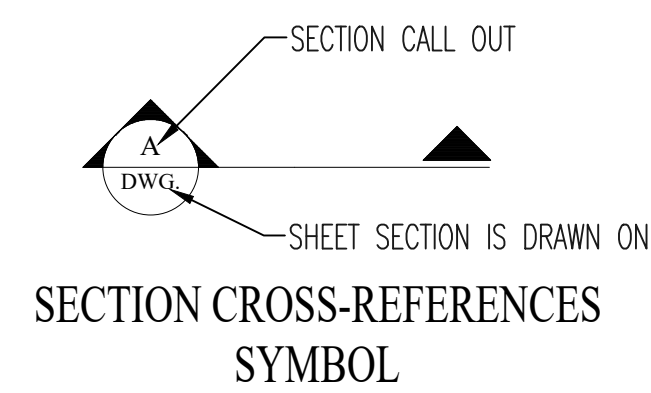
STEEL TRUSSES FOR THE STATE OF VIRGINIA

TRUSSES BY

BLACKWATER TRUSS SYSTEMS

(HEAVY DUTY RESIDENTIAL & AGRICULTURAL)

STRUCTURAL GRAPHICS SYMBOLS



ABBREVIATIONS

TYPE	DESCRIPTION	TYPE	DESCRIPTION
A.B.	ANCHOR BOLT	L	LENGTH
ALT.	ALTERNATE	L.L.H.	LONG LEG HORIZONTAL
ARCH.	ARCHITECTURAL	L.L.V.	LONG LEG VERTICAL
AVG.	AVERAGE	L.P.	LOW POINT
BCDL	BOTTOM CHORD DEAD LOAD	MAX.	MAXIMUM
BCLL	BOTTOM CHORD LIVE LOAD	MECH.	MECHANICAL
BFF.	BELOW FINISH FLOOR	MEZZ.	MEZZANINE
BLDG.	BUILDING	MFR.	MANUFACTURER
BM.	BEAM	MIN.	MINIMUM
B.O.	BOTTOM OF	MISC.	MISCELLANEOUS
BOT.	BOTTOM	MWFRS	MAIN WIND FORCE RESISTING SYSTEM
BRG.	BEARING	M.O.	MASONRY OPENING
C.J.	CONTROL JOINT	N.S.	NEAR SIDE
CLR.	CLEAR	O.C.	ON CENTER
C.M.U.	CONCRETE MASONRY UNIT	O.D.	OUTSIDE DIAMETER
CONC.	CONCRETE	O.H.	OVER HEAD
CONST. JT.	CONSTRUCTION JOINT	O/O	OUT TO OUT
CONT.	CONTINUOUS	P.S.F.	POUNDS PER SQUARE FOOT
D	DEPTH	P.S.I.	POUNDS PER SQUARE INCH
DET.	DETAIL	R.	RADIUS
DIA.	DIAMETER	REINF.	REINFORCEMENT
ELEV.	ELEVATION	SIM.	SIMILAR
EQ.	EQUAL	T&B	TOP AND BOTTOM
E.W.	EACH WAY	TCDL	TOP CHORD DEAD LOAD
EXIST.	EXISTING	TCLL	TOP CHORD LIVE LOAD
FIN.	FINISH	T.O.	TOP OF
FLR.	FLOOR	T.O.S.	TOP OF STEEL
FND.	FOUNDATION	TYP.	TYPICAL
F.S.	FAR SIDE	U.N.O.	UNLESS NOTED OTHERWISE
FTG.	FOOTING	VERT.	VERTICAL
GA.	GAUGE	V.I.F.	VERIFY IN FIELD
HORIZ.	HORIZONTAL	W.W.F.	WELDED WIRE FABRIC
H.P.	HORIZONTAL HIGH POINT	W	WIDTH
INSUL.	INSULATION	W/	WITH
L.L.O.	IN LIEU OF		

BUILDING CODES & ZONING ORDINANCES

- EXECUTE ALL WORK IN ACCORDANCE WITH LOCAL AND FEDERAL CODES, MANUFACTURERS' RECOMMENDATIONS, TRADE AND REFERENCE STANDARDS.
- THIS PLAN IS TO COMPLY WITH THE FOLLOWING GOVERNING AUTHORITIES:
 - INTERNATIONAL BUILDING CODE IBC 2018
 - VIRGINIA UNIFORM STATEWIDE BUILDING CODES (USBC)

STRUCTURAL DRAWING LIST:

- C1.0 COVER SHEET
- S0.1 GENERAL NOTES & SPECIFICATIONS
- S1.0 TYPICAL 50' TRUSS BUILDING SECTION
- S1.1 TYPICAL SECTIONS & DETAILS FOR 50' TRUSS
- S2.0 TYPICAL UP TO 40' TRUSS BUILDING SECTION
- S2.1 TYPICAL SECTIONS & DETAILS FOR 40' TRUSS
- S3.0 TYPICAL UP TO 40' MONOSLOPE TRUSS BUILDING SECTION
- S3.1 TYPICAL SECTIONS & DETAILS FOR 40' MONOSLOPE TRUSS
- S4.0 TYPICAL LEAN-TO TRUSS UP TO 40' BUILDING SECTION
- S4.1 TYPICAL SECTIONS & DETAILS FOR LEAN-TO TRUSS UP TO 40' SECTION
- S5.0 TYPICAL FOUNDATION SECTIONS & CHARTS
- S5.1 TYPICAL FOUNDATION SECTIONS, DETAILS & CHARTS

No. 23-250-VA

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REVISION

DATE: 02-09-2024

START DATE: 10-12-2023

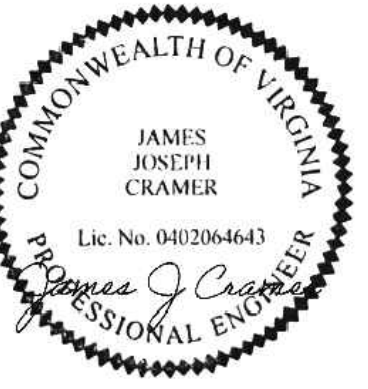
REVIEW DATE: 02-09-2024

APPROVAL DATE: 02-09-2024

VERIFY ALL DIMENSIONS IN FIELD

COVER SHEET

C1.0



DATE: 02-09-2024

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STEEL TRUSSES FOR THE STATE
OF VIRGINIA
TRUSSES BY
BLACKWATER TRUSS SYSTEMS

No. 23-230-VA

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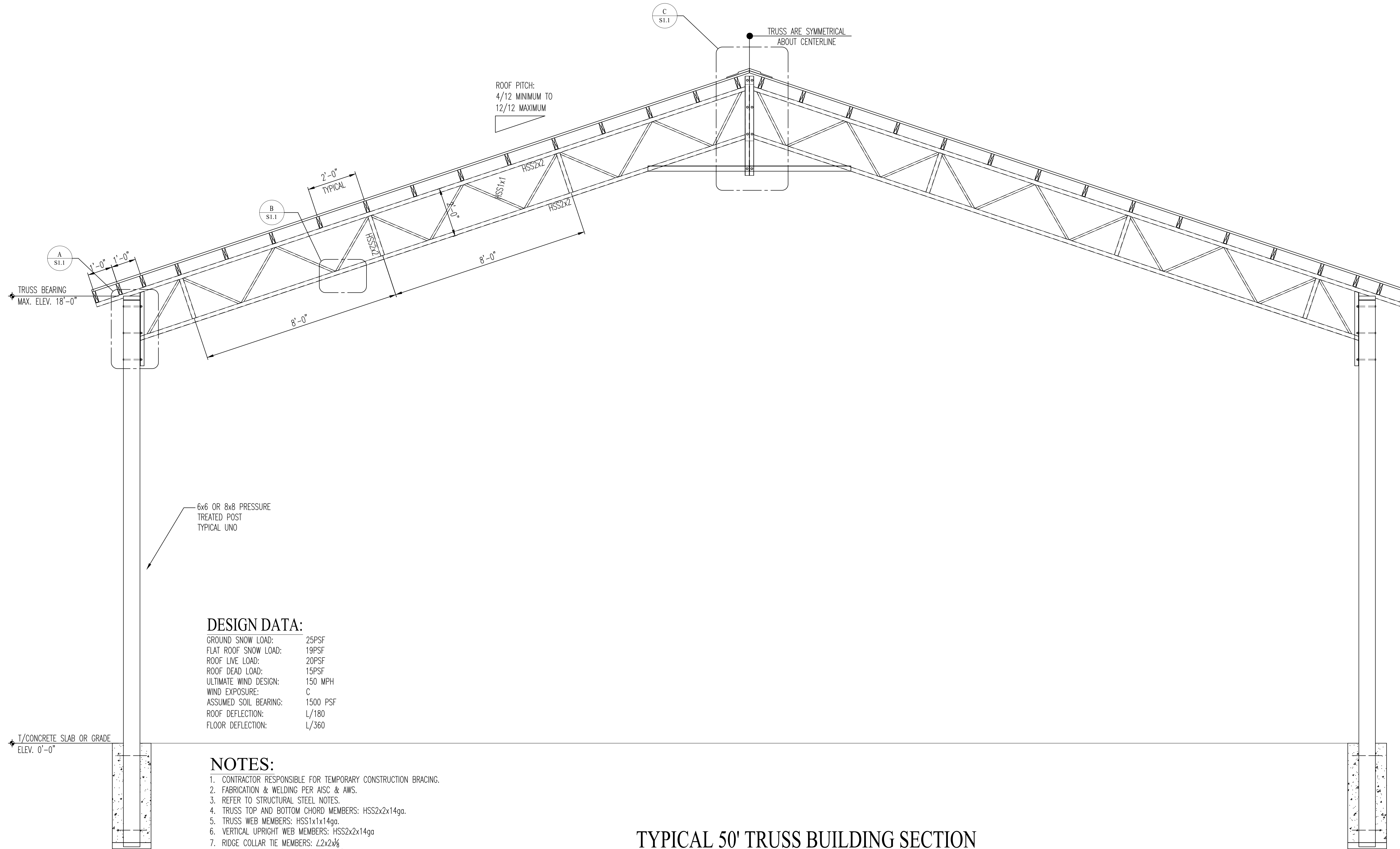
REVISION	DATE	DESCRIPTION
1	02-09-2024	ISSUED FOR CONSTRUCTION

START DATE: 10-12-2023	DESIGNED BY: B. HENRY
REVIEW DATE: 02-09-2024	REVIEW BY: J. CRAMER
APPROVAL DATE: 02-09-2024	APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD.

TYPICAL 50' TRUSS
BUILDING SECTION

S1.0



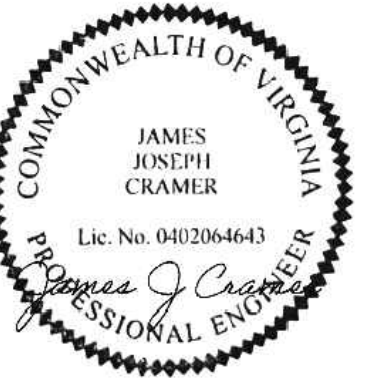
ROOF PITCH:
4/12 MINIMUM TO
12/12 MAXIMUM

TRUSS ARE SYMMETRICAL
ABOUT CENTERLINE

- DESIGN DATA:**
- GROUND SNOW LOAD: 25PSF
 - FLAT ROOF SNOW LOAD: 19PSF
 - ROOF LIVE LOAD: 20PSF
 - ROOF DEAD LOAD: 15PSF
 - ULTIMATE WIND DESIGN: 150 MPH
 - WIND EXPOSURE: C
 - ASSUMED SOIL BEARING: 1500 PSF
 - ROOF DEFLECTION: L/180
 - FLOOR DEFLECTION: L/360

- NOTES:**
1. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
 2. FABRICATION & WELDING PER AISC & AWS.
 3. REFER TO STRUCTURAL STEEL NOTES.
 4. TRUSS TOP AND BOTTOM CHORD MEMBERS: HSS2x2x14ga.
 5. TRUSS WEB MEMBERS: HSS1x14ga.
 6. VERTICAL UPRIGHT WEB MEMBERS: HSS2x2x14ga
 7. RIDGE COLLAR TIE MEMBERS: L2x2x1/8
 8. VERTICAL POST END MEMBERS: L2x2x1/8
 9. POST TO BIRD NEST: L2x2x1/8
 10. Z BRACKET CONNECTION 48" LONG, 10ga.
 11. CONCRETE SHALL BE 3,000PSI (MIN.), COMPRESSIVE STRENGTH.
 12. ASSUMED ALLOWABLE SOIL BEARING = 2,000 PSF (MIN).
 13. SIDING SHALL BE 29GA OR 26GA MASTERIB METAL MOUNTED TO
 - 13.1. 2x4 GIRTS: 24" O.C.
 - 13.2. 2x6 OR 2x8 GIRTS: 36" O.C.

TYPICAL 50' TRUSS BUILDING SECTION
SCALE: 1/2" = 1'-0"



DATE: 02-09-2024

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TRUSSES BY
BLACKWATER TRUSS SYSTEMS

No. 23-230-VA

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REVISION

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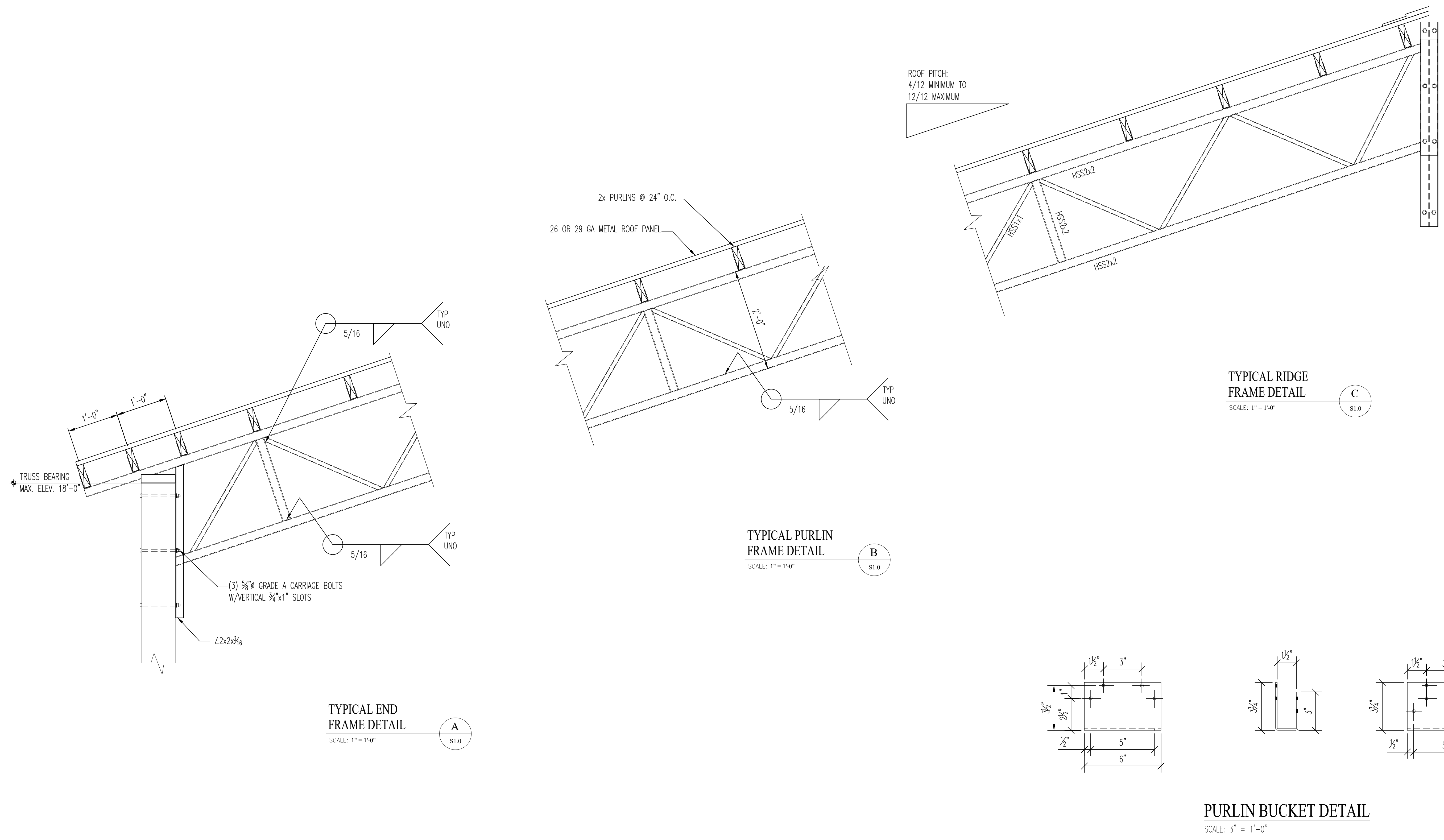
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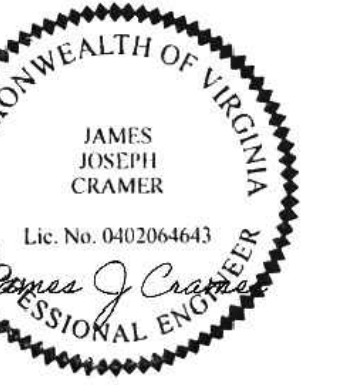
DESIGNED BY: M. HENNEY
REVIEWED BY: J. CRAMER
APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL SECTIONS &
DETAILS FOR 50' TRUSS

S1.1





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START DATE: 10-12-2023 DRAWN BY: W. HENNEY

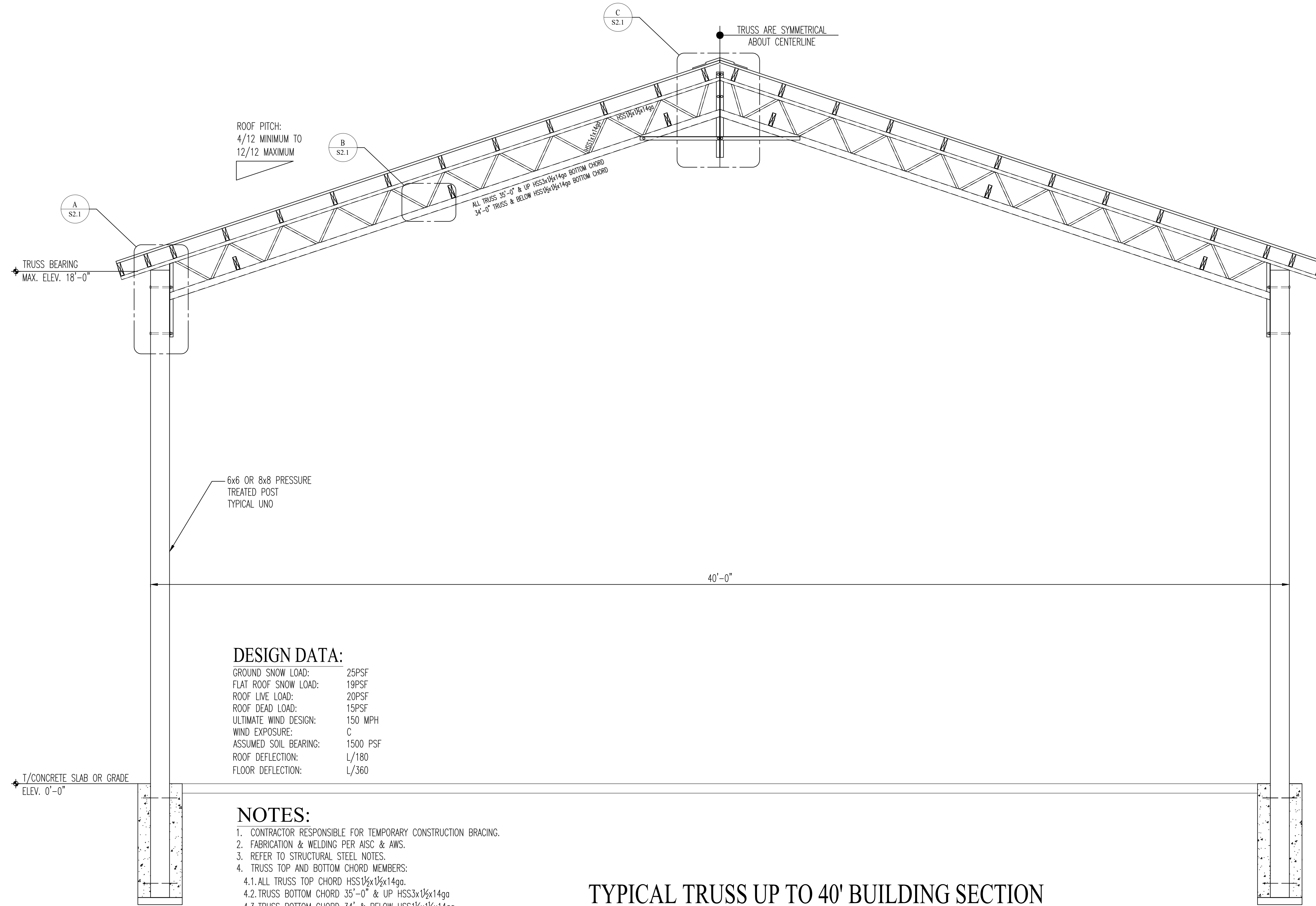
REVIEW DATE: 02-09-2024 REVIEW BY: J. CRAMER

APPROVAL DATE: 02-09-2024 APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL TRUSS UP TO
40' SECTION BUILDING
SECTION

S2.0



ROOF PITCH:
4/12 MINIMUM TO
12/12 MAXIMUM

TRUSS ARE SYMMETRICAL
ABOUT CENTERLINE

ALL TRUSS 35'-0" & UP HSS1 1/2 x 1 1/2 x 1/4 ga. BOTTOM CHORD
34'-0" TRUSS & BELOW HSS1 1/2 x 1 1/2 x 1/4 ga. BOTTOM CHORD

DESIGN DATA:

- GROUND SNOW LOAD: 25PSF
- FLAT ROOF SNOW LOAD: 19PSF
- ROOF LIVE LOAD: 20PSF
- ROOF DEAD LOAD: 15PSF
- ULTIMATE WIND DESIGN: 150 MPH
- WIND EXPOSURE: C
- ASSUMED SOIL BEARING: 1500 PSF
- ROOF DEFLECTION: L/180
- FLOOR DEFLECTION: L/360

NOTES:

1. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
2. FABRICATION & WELDING PER AISC & AWS.
3. REFER TO STRUCTURAL STEEL NOTES.
4. TRUSS TOP AND BOTTOM CHORD MEMBERS:
 - 4.1. ALL TRUSS TOP CHORD HSS1 1/2 x 1 1/2 x 1/4 ga.
 - 4.2. TRUSS BOTTOM CHORD 35'-0" & UP HSS1 1/2 x 1 1/2 x 1/4 ga
 - 4.3. TRUSS BOTTOM CHORD 34' & BELOW HSS1 1/2 x 1 1/2 x 1/4 ga.
5. TRUSS WEB MEMBERS: HSS1 x 1 x 1/4 ga
6. COLLAR TIE MEMBERS: L 1 1/2 x 1 1/2 x 1/4
7. TRUSS END MEMBER: L 1 1/2 x 1 1/2 x 1/4
8. CONCRETE SHALL BE 3,000PSI (MIN.), COMPRESSIVE STRENGTH.
9. ASSUMED ALLOWABLE SOIL BEARING = 2,000 PSF (MIN).
10. SIDING SHALL BE 29GA OR 26GA MASTERIB METAL MOUNTED TO SIDING SHALL BE 29GA OR 26GA MASTERIB METAL MOUNTED TO
 - 10.1. 2x4 GIRTS: 24" O.C.
 - 10.2. 2x6 OR 2x8 GIRTS: 36" O.C.

TYPICAL TRUSS UP TO 40' BUILDING SECTION

SCALE: 1/2" = 1'-0"

REVISION	DATE	DESCRIPTION
1	02-09-2024	ISSUED FOR CONSTRUCTION

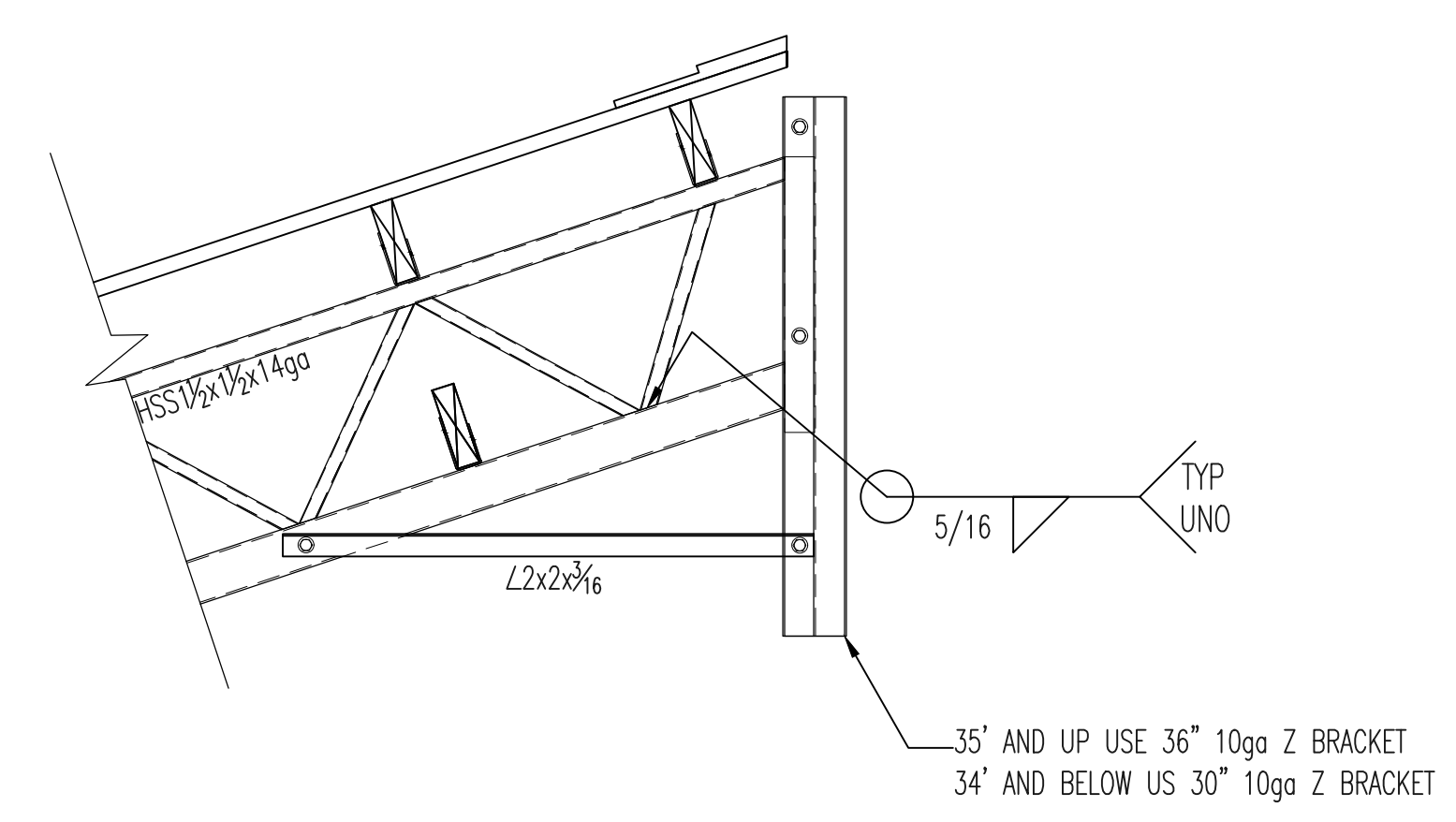
START DATE: 10-12-2023
REVIEW DATE: 02-09-2024
APPROVAL DATE: 02-09-2024

FORMAN BY: W. HENNEY
REVIEW BY: J. CRAMER
APPROVED BY: J. CRAMER

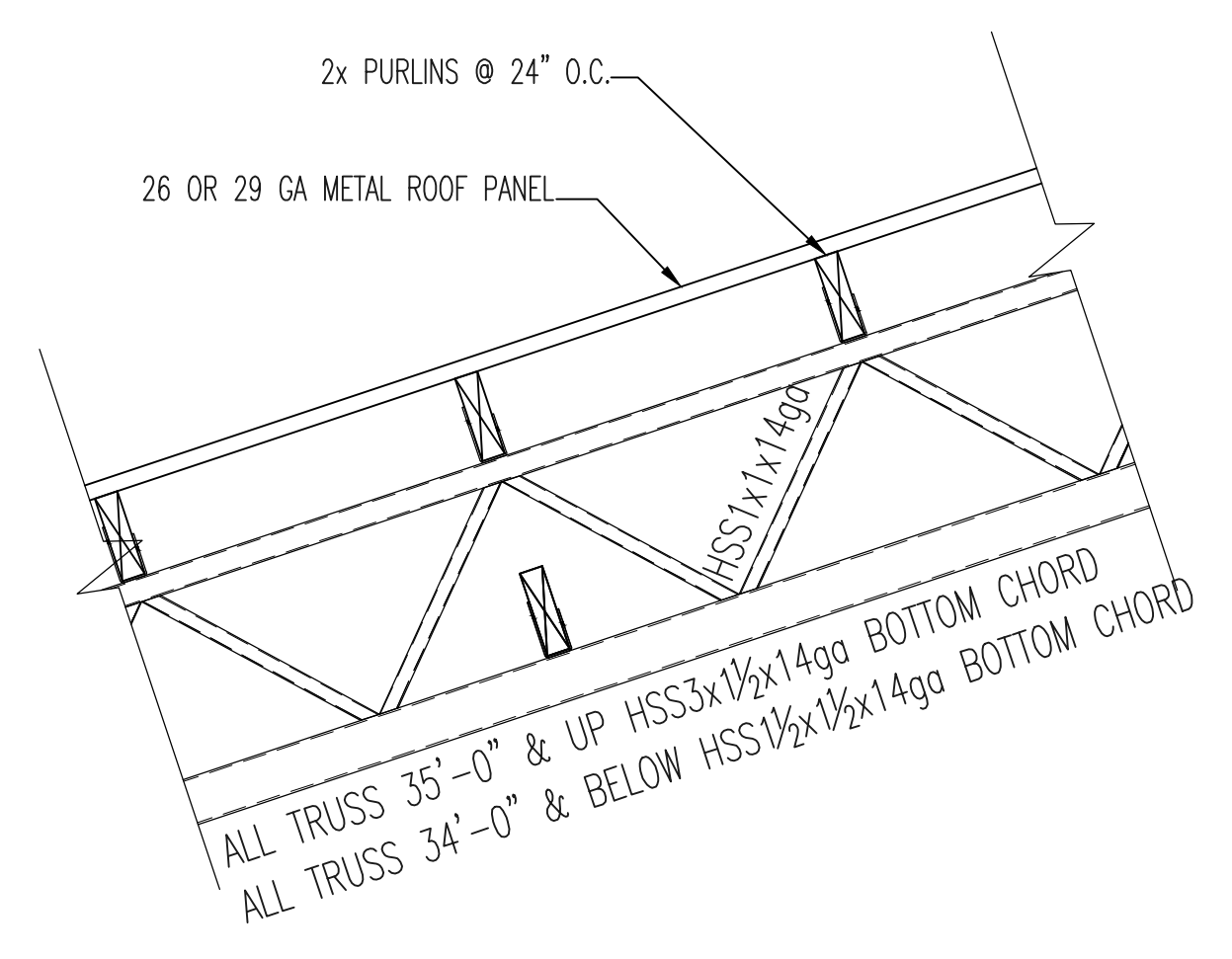
VERIFY ALL DIMENSIONS IN FIELD

TYPICAL TRUSS
SECTIONS & DETAILS
FOR TRUSS UP TO 40'

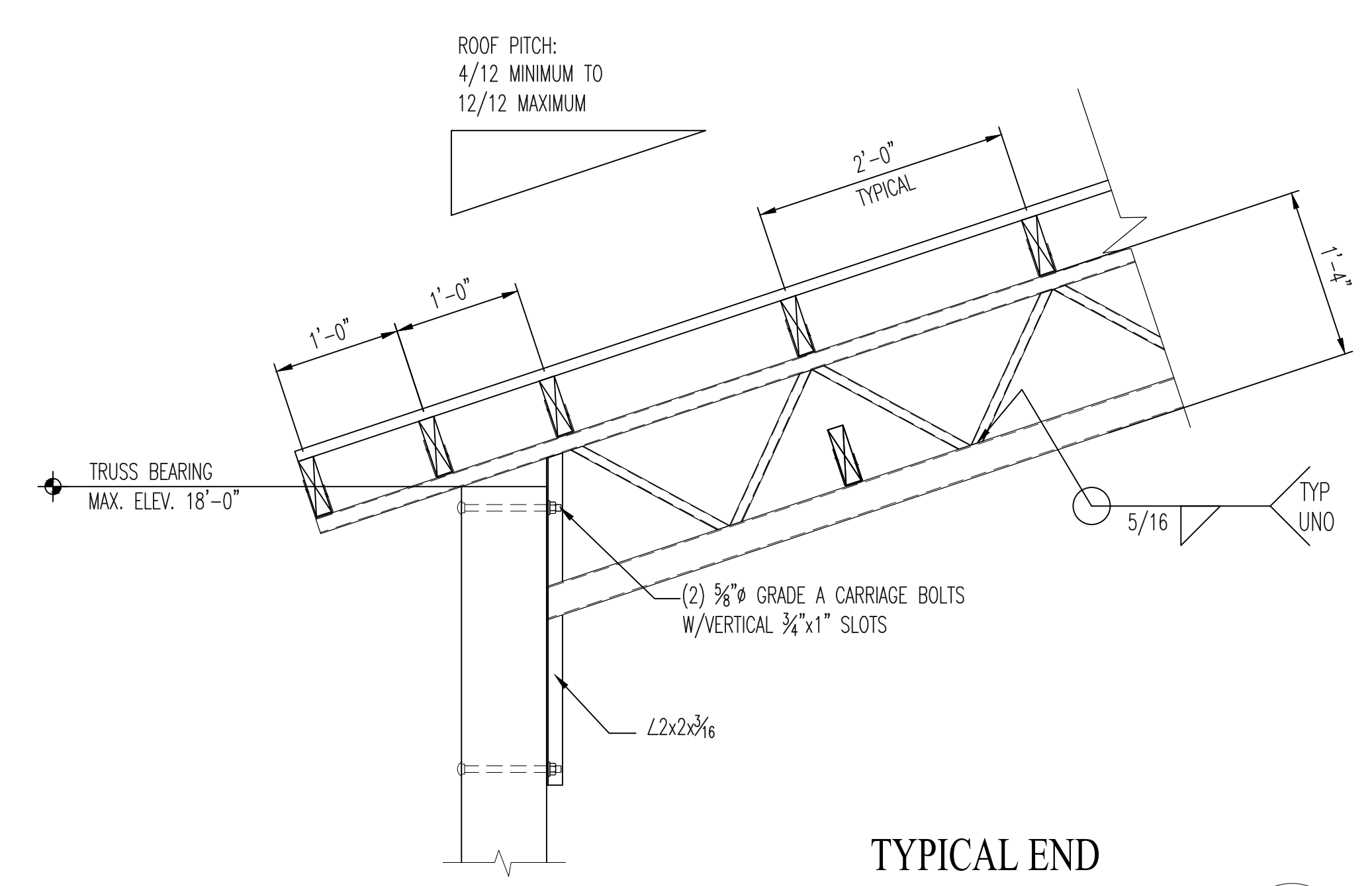
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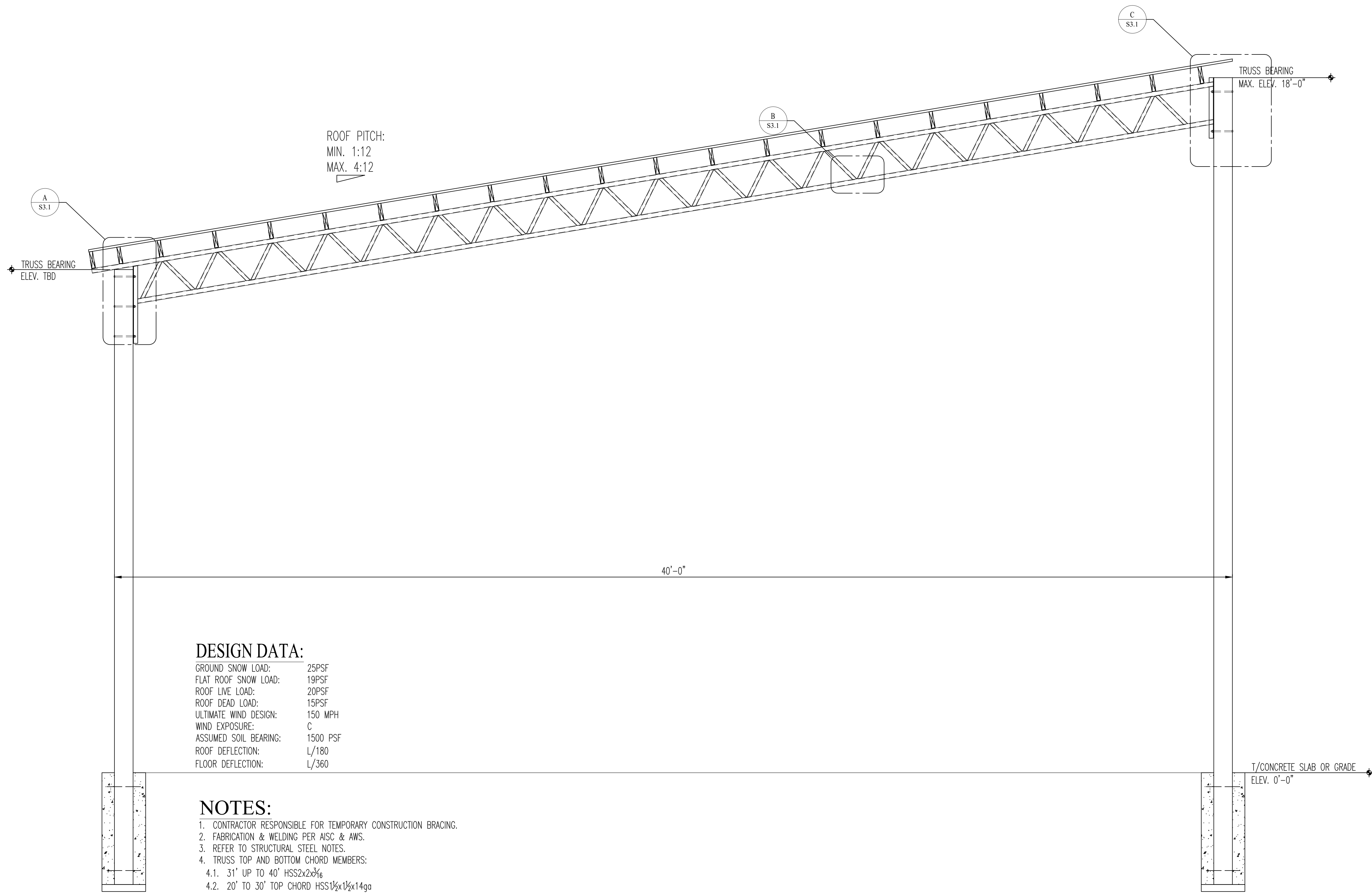
**TYPICAL RIDGE
FRAME DETAIL**
SCALE: 1" = 1'-0"
C
S2.0



**TYPICAL PURLIN
FRAME DETAIL**
SCALE: 1" = 1'-0"
B
S2.0



**TYPICAL END
FRAME DETAIL**
SCALE: 1" = 1'-0"
A
S2.0



DESIGN DATA:

GROUND SNOW LOAD: 25PSF
 FLAT ROOF SNOW LOAD: 19PSF
 ROOF LIVE LOAD: 20PSF
 ROOF DEAD LOAD: 15PSF
 ULTIMATE WIND DESIGN: 150 MPH
 WIND EXPOSURE: C
 ASSUMED SOIL BEARING: 1500 PSF
 ROOF DEFLECTION: L/180
 FLOOR DEFLECTION: L/360

NOTES:

1. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
2. FABRICATION & WELDING PER AISC & AWS.
3. REFER TO STRUCTURAL STEEL NOTES.
4. TRUSS TOP AND BOTTOM CHORD MEMBERS:
 - 4.1. 31' UP TO 40' HSS2x2x $\frac{1}{8}$
 - 4.2. 20' TO 30' TOP CHORD HSS1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x14ga
 - 4.3. 20' TO 30' BOTTOM CHORD HSS 3x1 $\frac{1}{2}$ x14ga
 - 4.4. UP TO 19' BOTTOM CHORD HSS 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x14ga
5. TRUSS WEB MEMBERS = HSS1x1, TYP.
6. END ATTACHMENTS:
 - 6.1. UP TO 30' HSS 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x14ga
 - 6.2. 31' AND UP L2x2x $\frac{1}{8}$
7. CONCRETE SHALL BE 3,000PSI (MIN.), COMPRESSIVE STRENGTH.
8. ASSUMED ALLOWABLE SOIL BEARING = 2,000 PSF (MIN).
9. SIDING SHALL BE 29GA OR 26GA MASTERIB METAL MOUNTED TO
 - 9.1. 2x4 GIRTS: 24" O.C.
 - 9.1. 2x6 OR 2x8 GIRTS: 36" O.C.

TYPICAL MONOSLOPE TRUSS UP TO 40' BUILDING SECTION

SCALE: 1/2" = 1'-0"



DATE: 02-09-2024

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TRUSSES BY
BLACKWATER TRUSS SYSTEMS

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START DATE: 10-12-2023
 REVIEW DATE: 02-09-2024
 APPROVAL DATE: 02-09-2024
 DRAWN BY: W. HEANEY
 REVIEW BY: J. CRAMER
 APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL MONOSLOPE
TRUSS UP TO 40' SECTION
BUILDING SECTION

S3.0

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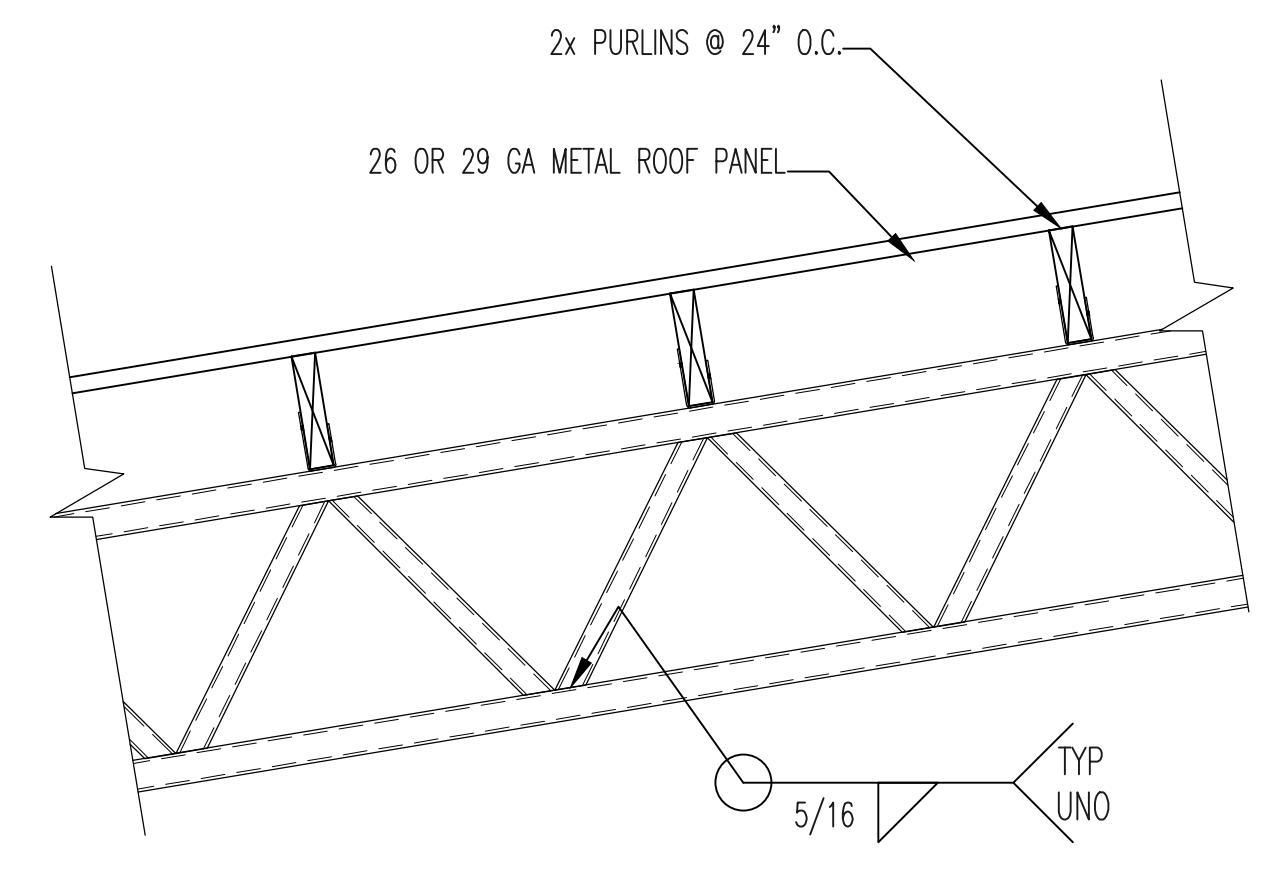
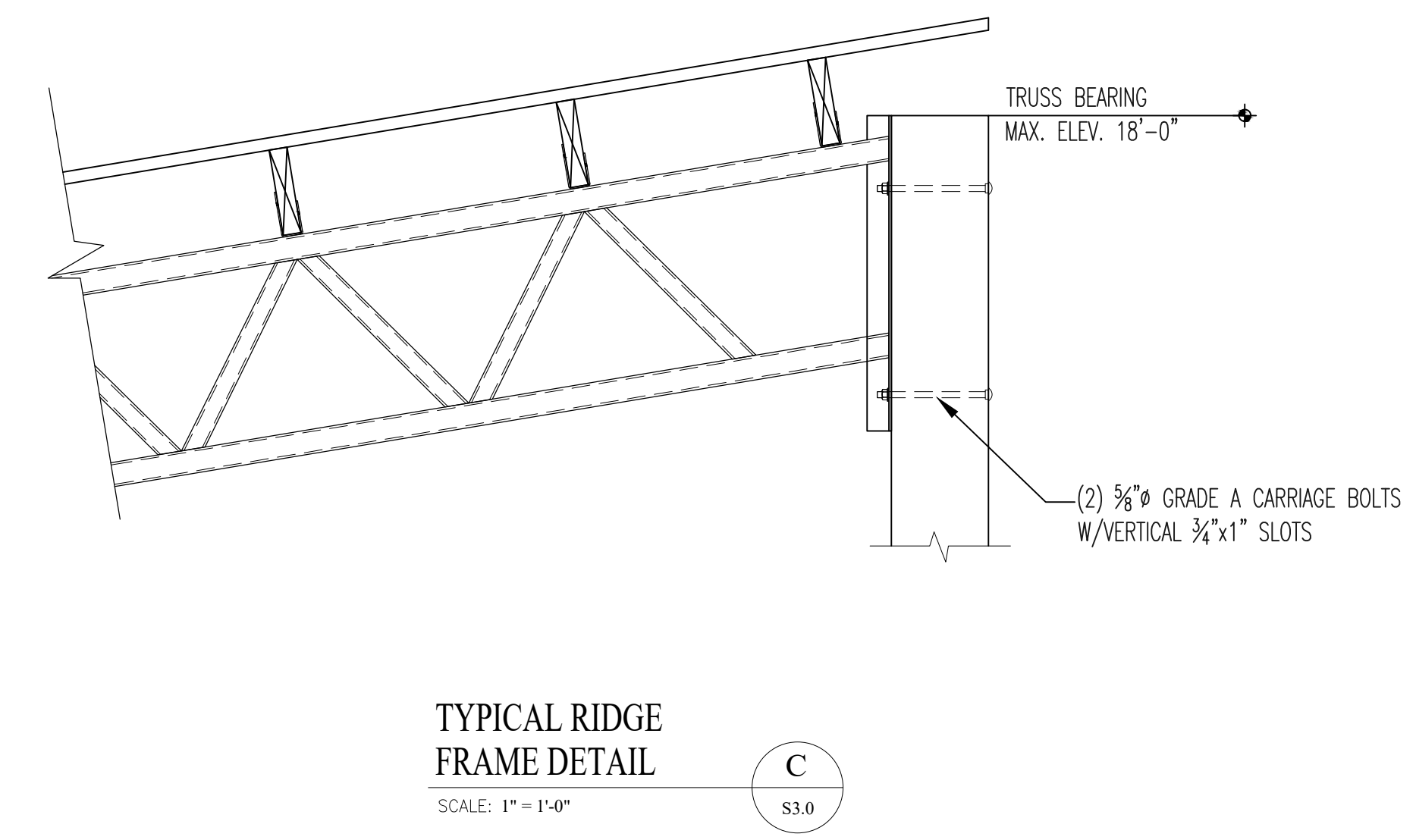
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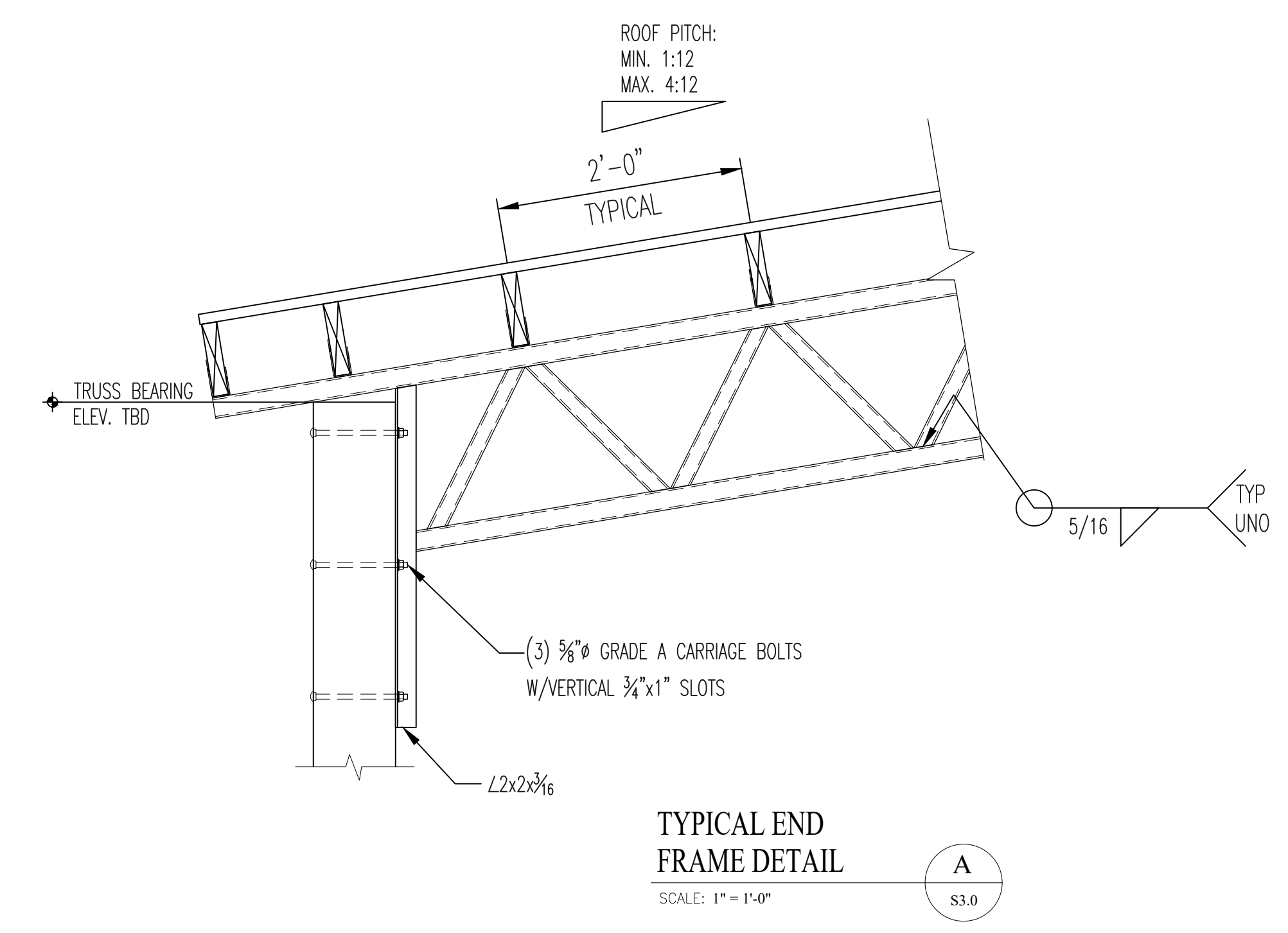
DESIGNED BY: W. HENNEY
REVIEWED BY: J. CRAMER
APPROVED BY: J. CRAMER

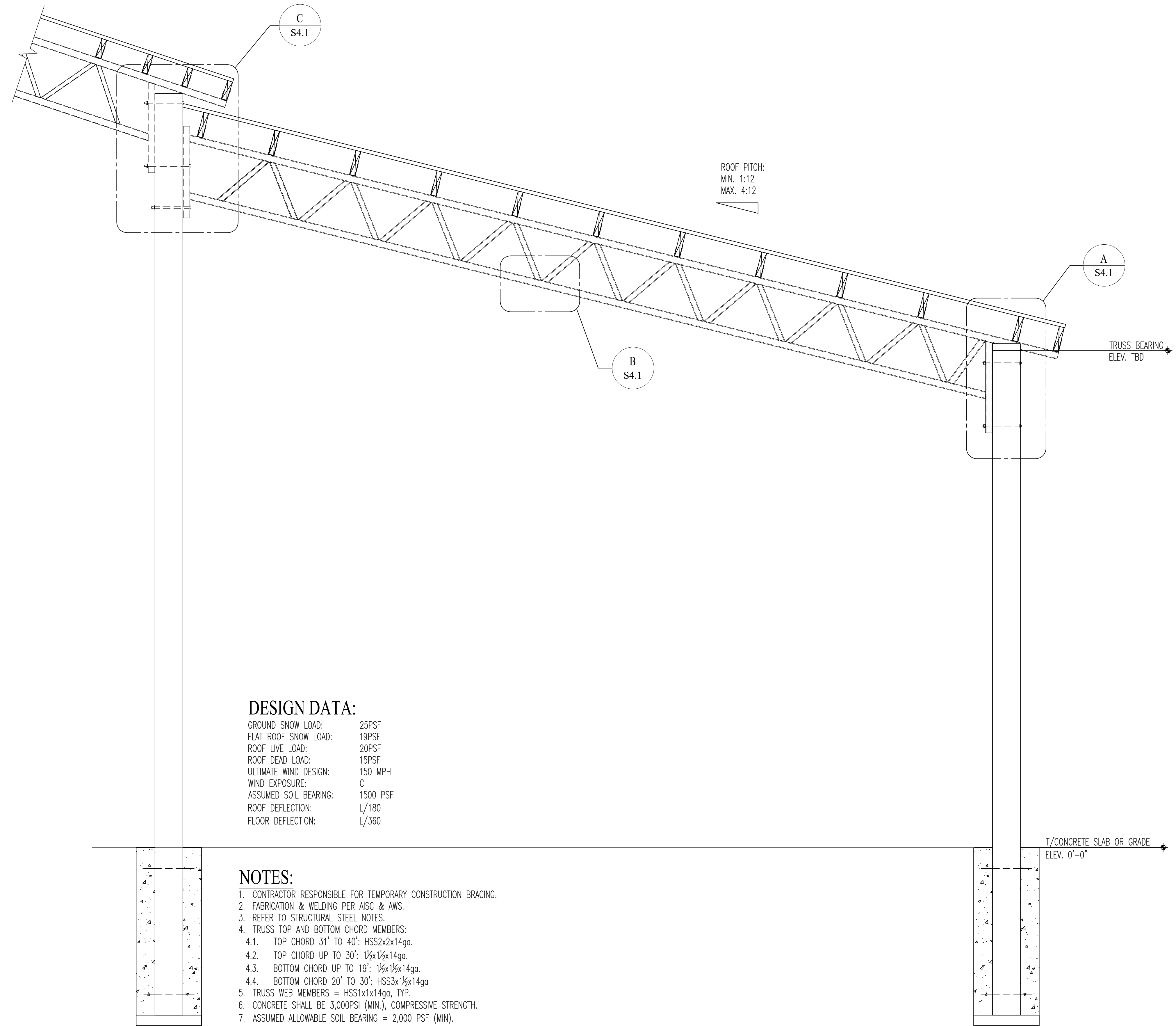
VERIFY ALL DIMENSIONS IN FIELD

TYPICAL SECTIONS & DETAILS
FOR 40' MONOSLOPE TRUSS



REFER TO NOTES FOR
MEMBER SIZES





ROOF PITCH:
MIN. 1:12
MAX. 4:12

TRUSS BEARING
ELEV. TBD

T/CONCRETE SLAB OR GRADE
ELEV. 0'-0"

DESIGN DATA:

GROUND SNOW LOAD: 25PSF
 FLAT ROOF SNOW LOAD: 19PSF
 ROOF LIVE LOAD: 20PSF
 ROOF DEAD LOAD: 15PSF
 ULTIMATE WIND DESIGN: 150 MPH
 WIND EXPOSURE: C
 ASSUMED SOIL BEARING: 1500 PSF
 ROOF DEFLECTION: L/180
 FLOOR DEFLECTION: L/360

NOTES:

1. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
2. FABRICATION & WELDING PER AISC & AWS.
3. REFER TO STRUCTURAL STEEL NOTES.
4. TRUSS TOP AND BOTTOM CHORD MEMBERS:
 - 4.1. TOP CHORD 31' TO 40': HSS2x2x14ga.
 - 4.2. TOP CHORD UP TO 30': 1½x1½x14ga.
 - 4.3. BOTTOM CHORD UP TO 19': 1½x1½x14ga.
 - 4.4. BOTTOM CHORD 20' TO 30': HSS3x1½x14ga
5. TRUSS WEB MEMBERS = HSS1x1x14ga, TYP.
6. CONCRETE SHALL BE 3,000PSI (MIN.), COMPRESSIVE STRENGTH.
7. ASSUMED ALLOWABLE SOIL BEARING = 2,000 PSF (MIN).
8. SIDING SHALL BE 29GA OR 26GA MASTERIB METAL MOUNTED TO
 - 8.1. 2x4 GIRTS: 24" O.C.
 - 8.2. 2x6 OR 2x8 GIRTS: 36" O.C.

TYPICAL LEAN-TO TRUSS UP TO 40' BUILDING SECTION

SCALE: ¾" = 1'-0"

DATE: 02-09-2024

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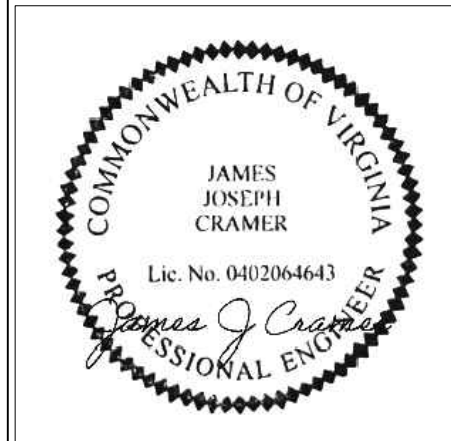
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 APPROVAL DATE: 02-09-2024

DESIGNED BY: W. HEANEY
 REVIEWED BY: J. CRAMER
 APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL LEAN-TO TRUSS
 UP TO 40' BUILDING
 SECTION



DATE: 02-09-2024

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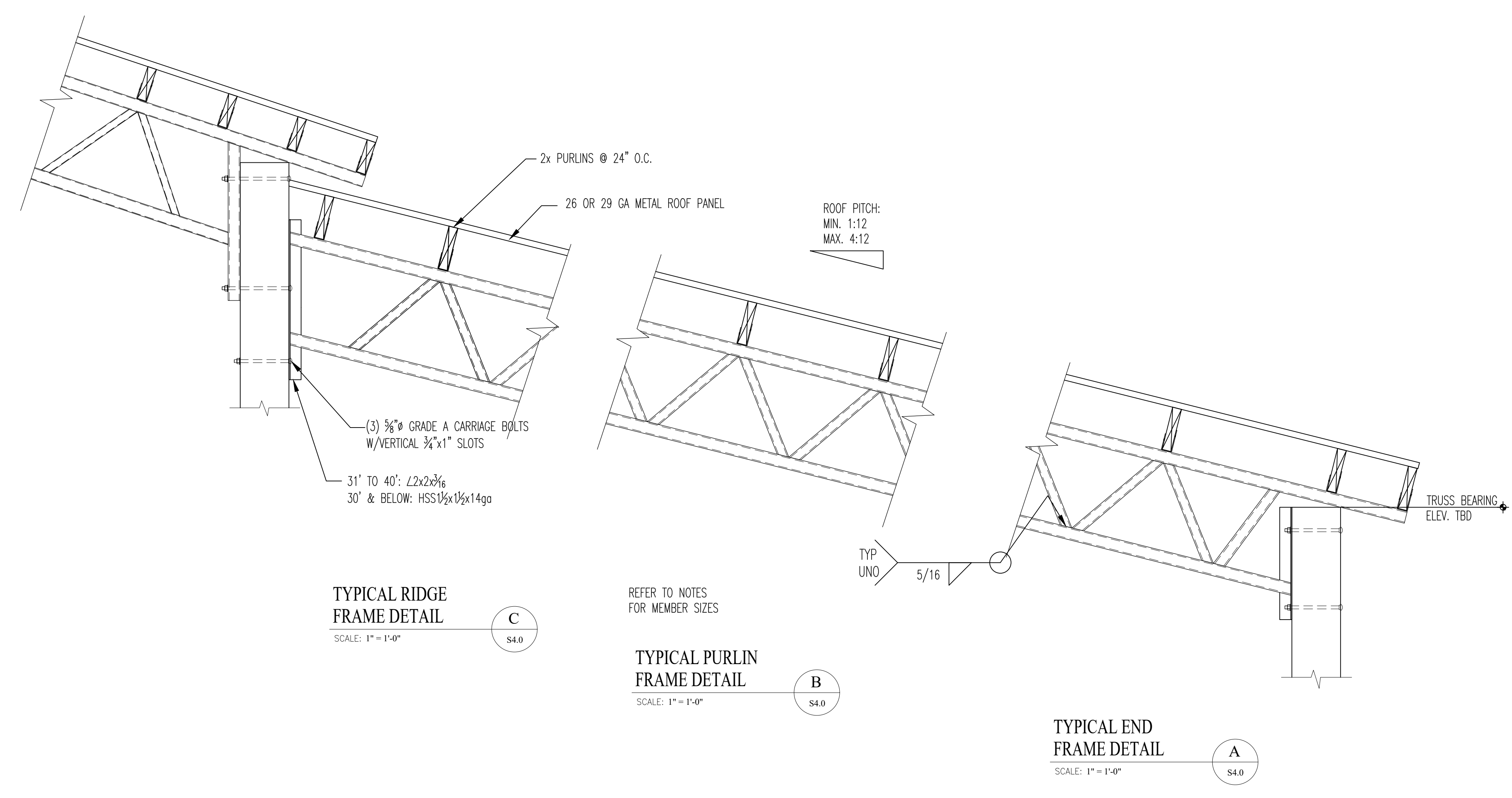
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REVIEW DATE: 02-09-2024
APPROVAL DATE: 02-09-2024

DRAWN BY: W. HEANEY
REVIEW BY: J. CRAMER
APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL SECTIONS &
DETAILS FOR LEAN-TO
TRUSS UP TO 40' SECTION

S4.1



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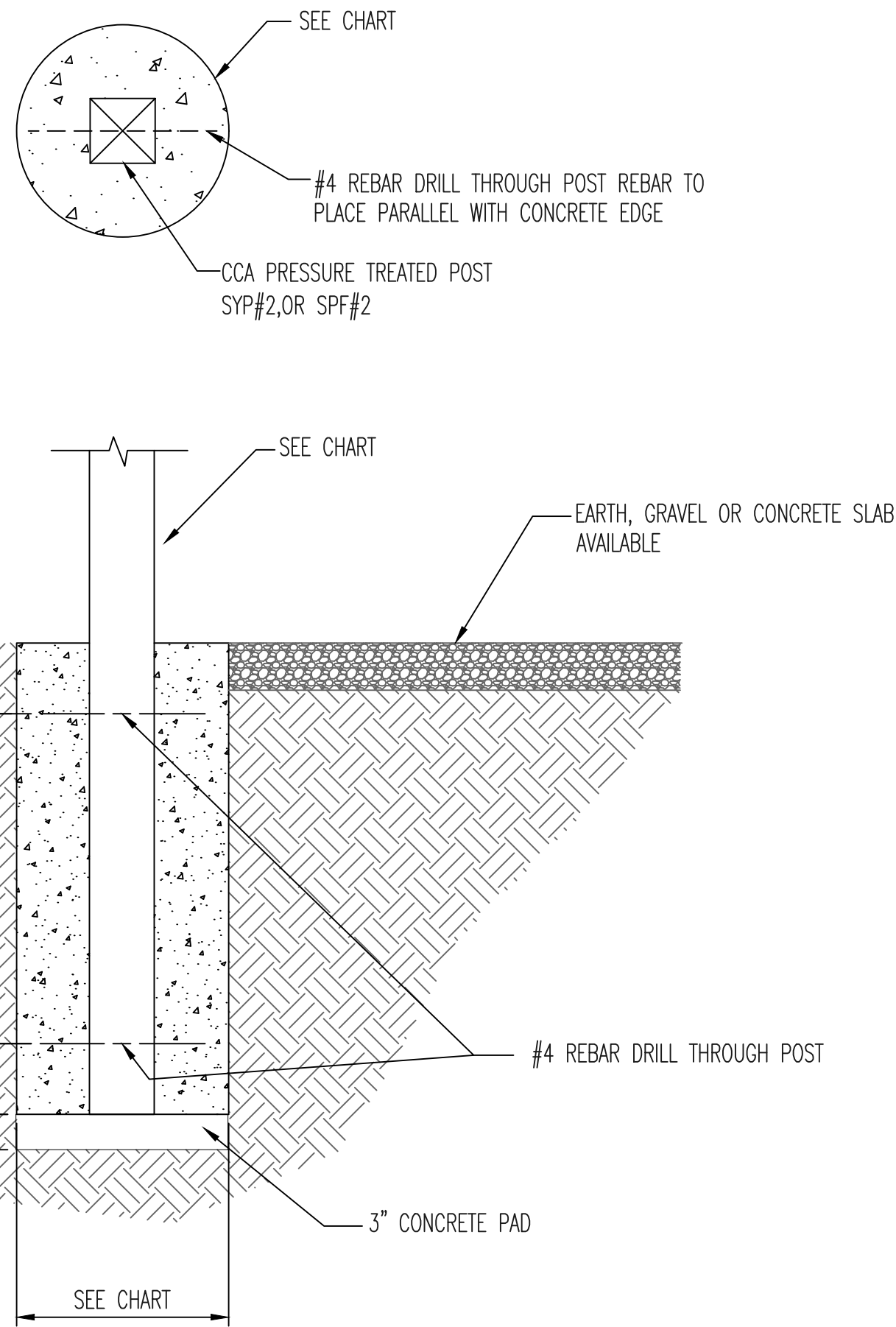
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REVIEWED BY: J. CRAMER
APPROVED BY: J. CRAMER

VERIFY ALL DIMENSIONS IN FIELD

TYPICAL FOUNDATION SECTIONS
& CHARTS

S5.0



TYPICAL FOUNDATION SECTION

SCALE: 1" = 1'-0"

FOOTING GUIDELINES FOR OPEN OR ENCLOSED GABLES/LEAN-TO POLE BARN

BUILDING WIDTH (SPAN)	POST HOLE DIAMETER
20'-0"	16"Ø
30'-0"	16"Ø
40'-0"	16"Ø
50'-0"	18"Ø
60'-0"	18"Ø

NOTE:
MAXIMUM SPACING OF POST IS 8'-0" O.C.,
DESIGN DATA:
ALLOWABLE SOIL BEARING: 2,500 PSF
SNOW LOAD: 25 PSF
DEAD LOAD: 10 PSF

FOOTING GUIDELINES FOR OPEN OR ENCLOSED GABLES/LEAN-TO POLE BARN

BUILDING WIDTH (SPAN)	POST HOLE DIAMETER
20'-0"	16"Ø
30'-0"	16"Ø
40'-0"	16"Ø
50'-0"	18"Ø
60'-0"	20"Ø

NOTE:
MAXIMUM SPACING OF POST IS 10'-0" O.C.,
DESIGN DATA:
ALLOWABLE SOIL BEARING: 2,500 PSF
SNOW LOAD: 25 PSF
DEAD LOAD: 10 PSF

FOOTING GUIDELINES FOR OPEN OR ENCLOSED GABLES/LEAN-TO POLE BARN

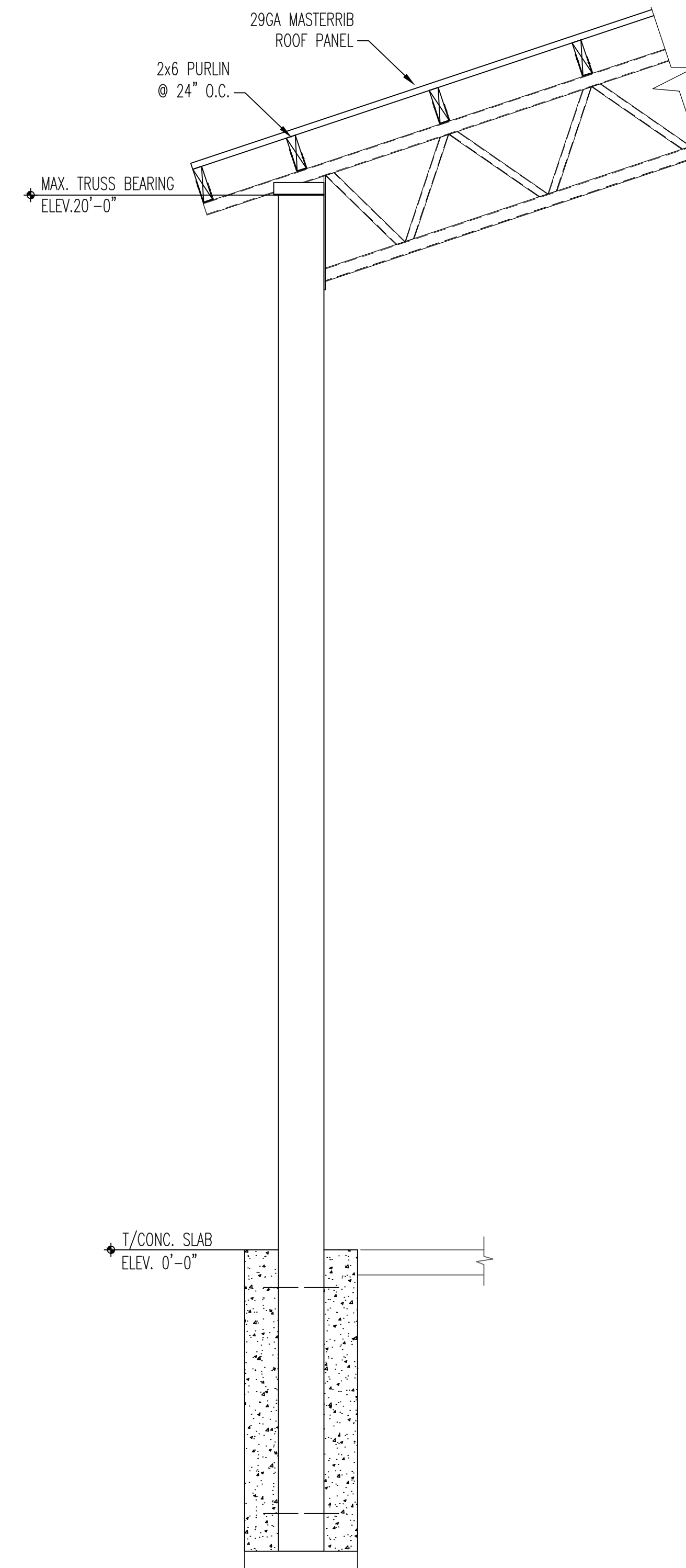
BUILDING WIDTH (SPAN)	POST HOLE DIAMETER
20'-0"	16"Ø
30'-0"	16"Ø
40'-0"	16"Ø
50'-0"	20"Ø
60'-0"	20"Ø

NOTE:
MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.
DESIGN DATA:
ALLOWABLE SOIL BEARING: 2,500 PSF
SNOW LOAD: 25 PSF
DEAD LOAD: 10 PSF

POST GUIDELINES FOR OPEN OR ENCLOSED GABLES/LEAN-TO POLE BARN

EAVE HEIGHT	POST SIZE (MIN)	POST DEPTH (MIN)*
10'-0"	6x6	3'-2"
12'-0"	6x6	3'-6"
14'-0"	8x8	4'-0"
16'-0"	8x8	4'-8"
18'-0"	8x8	5'-5"
20'-0"	10x10	6'-0"

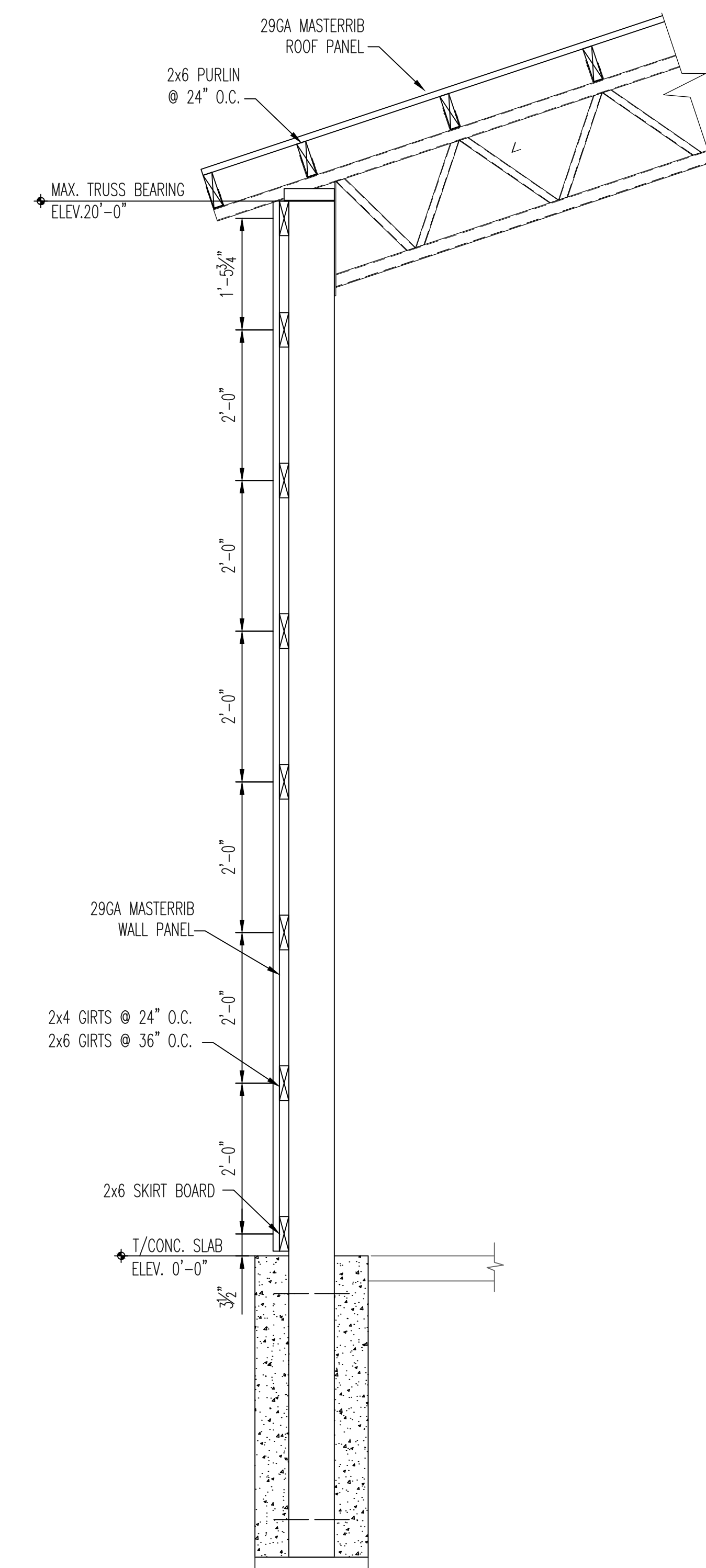
NOTE:
MAXIMUM SPACING OF POST SEE CHARTS BELOW
DESIGN DATA:
ALLOWABLE SOIL BEARING: 2,500 PSF
SNOW LOAD: 25 PSF
DEAD LOAD: 10 PSF



TYPICAL WALL SECTION A

SCALE: 3/4" = 1'-0"

S5.0



TYPICAL WALL SECTION B

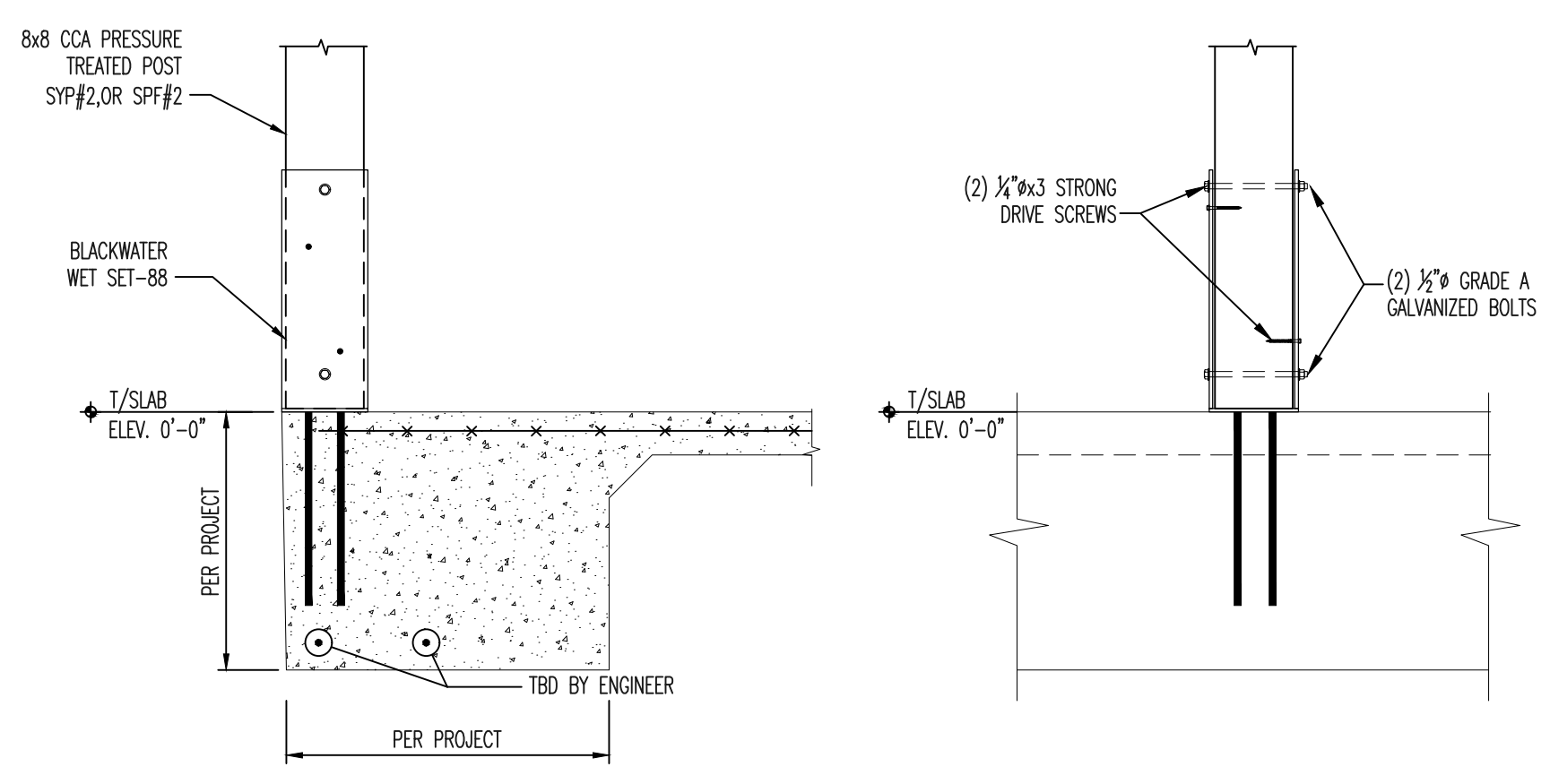
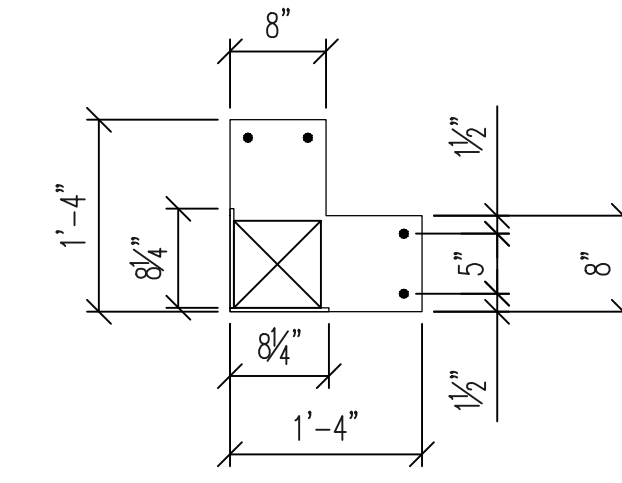
SCALE: 3/4" = 1'-0"

S5.0

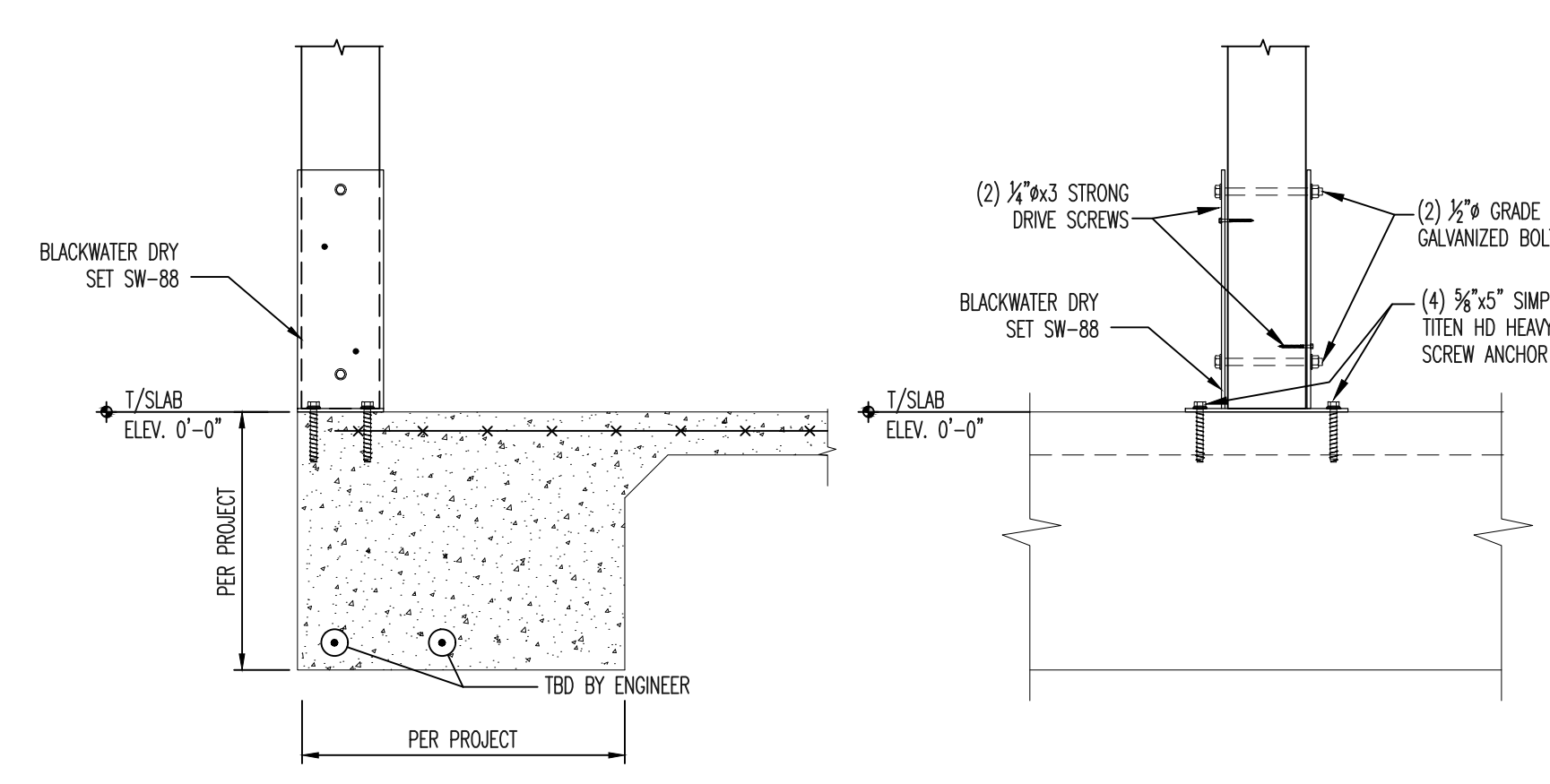
REVISION	DATE	DESCRIPTION
1	02-09-2024	ISSUED FOR CONSTRUCTION

START DATE: 10-12-2023
REVIEW DATE: 02-09-2024
APPROVAL DATE: 02-09-2024
DESIGN BY: M. HEWLEY
REVIEW BY: J. CRAMER
APPROVED BY: J. CRAMER

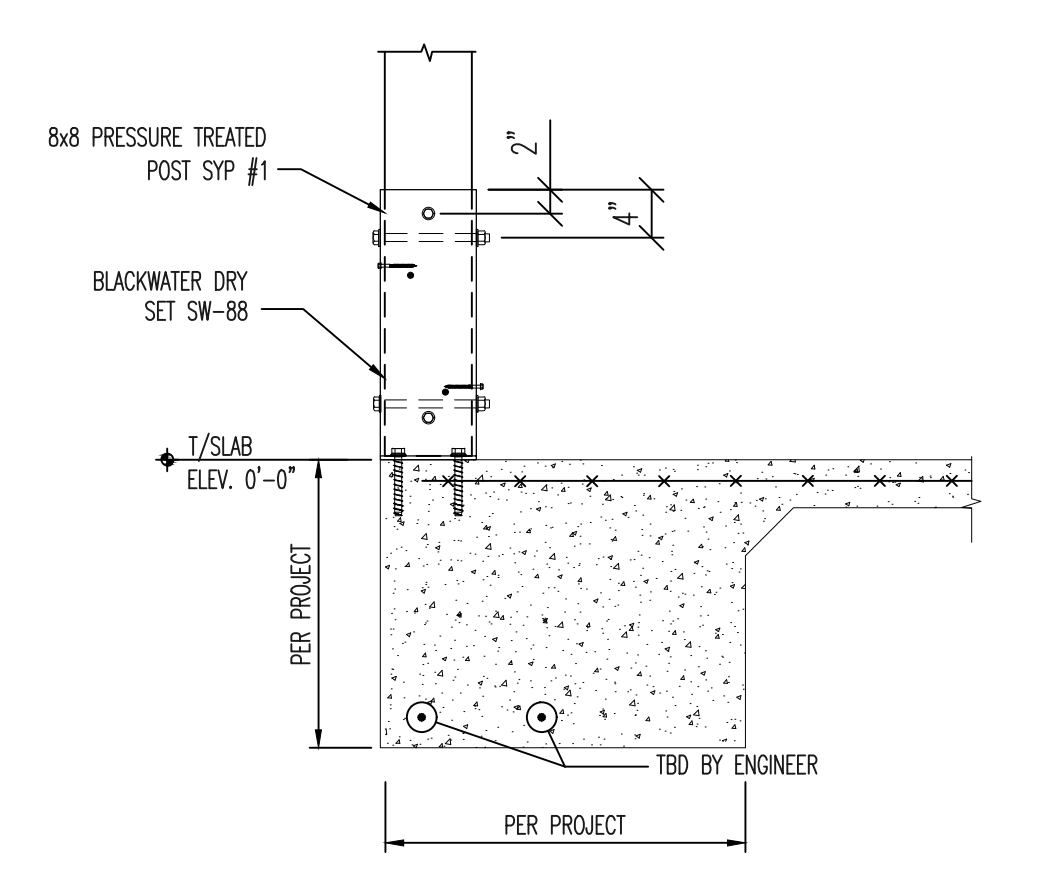
VERIFY ALL DIMENSIONS IN FIELD



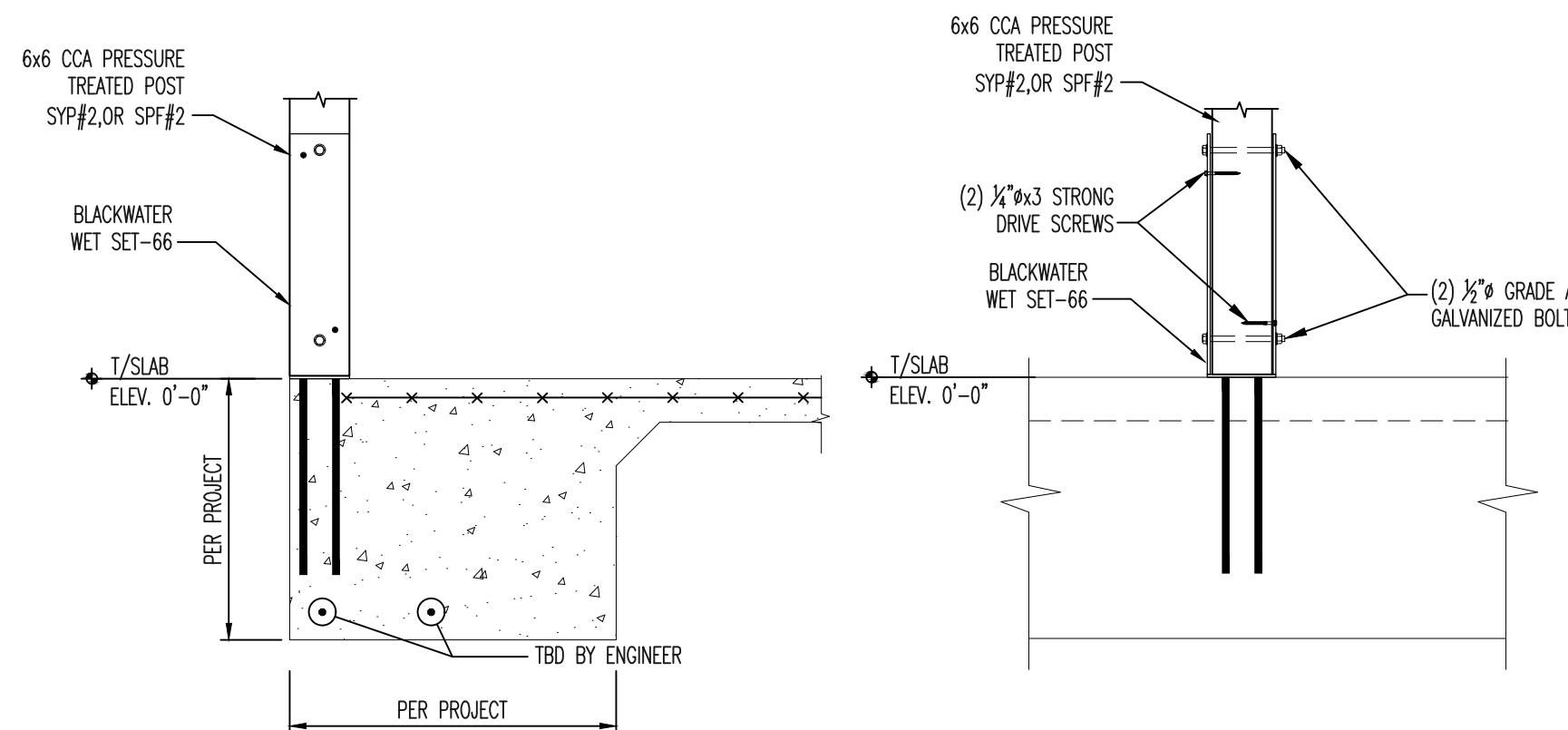
BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **C**
SCALE: 1" = 1'-0"



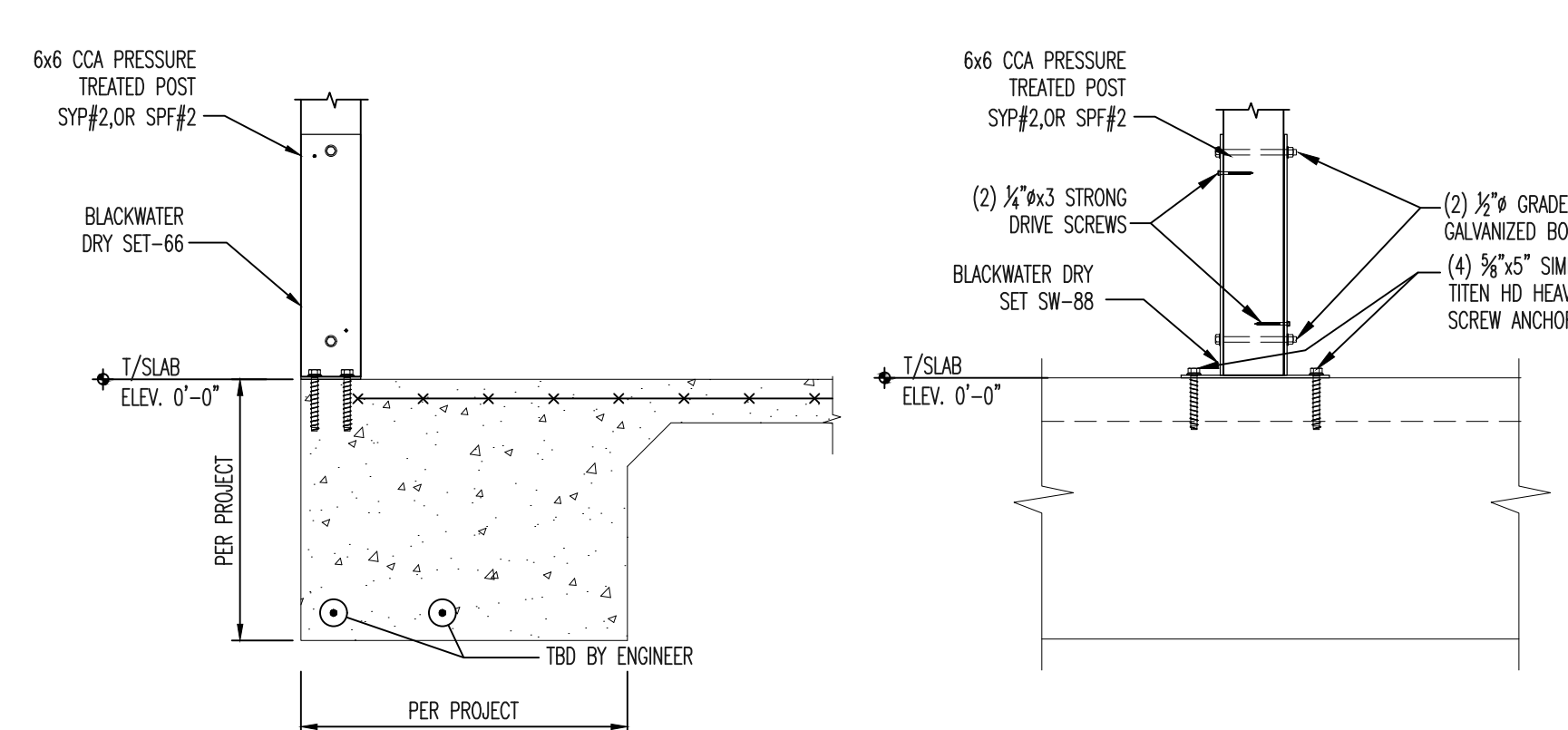
BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **D**
SCALE: 1" = 1'-0"



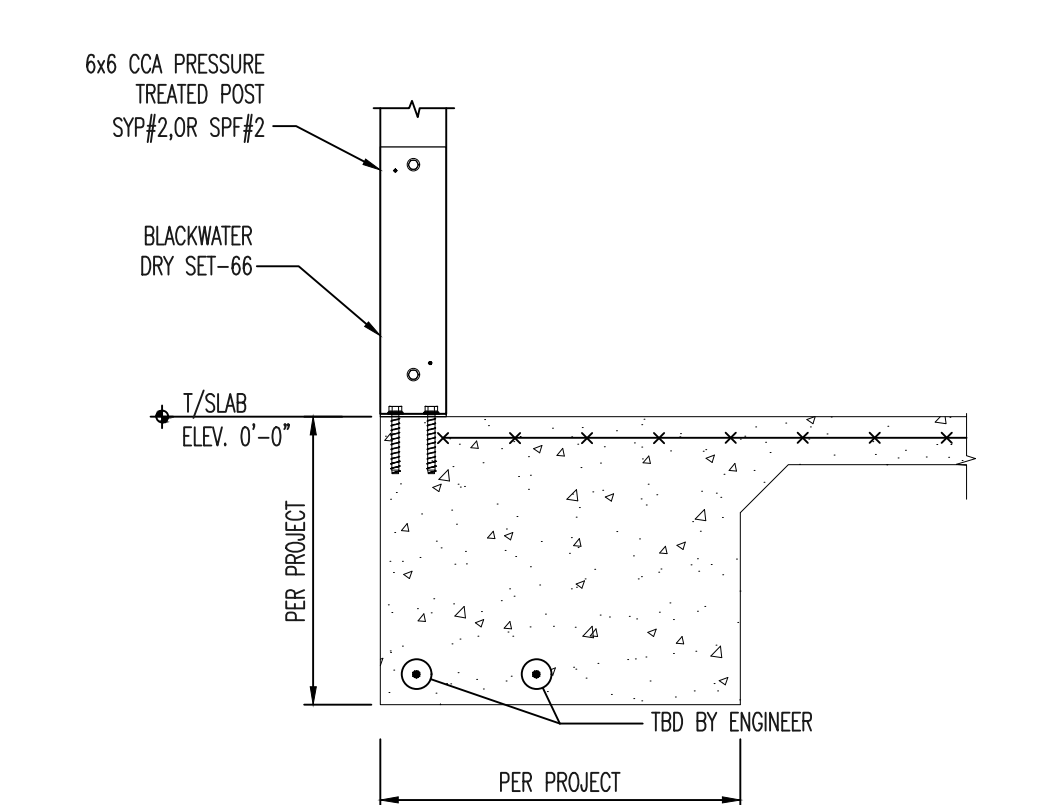
BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **E**
SCALE: 1" = 1'-0"



BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **E**
SCALE: 1" = 1'-0"



BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **F**
SCALE: 3/4" = 1'-0"



BLACKWATER TRUSS SYSTEMS
ANCHOR BRACKET **G**
SCALE: 3/4" = 1'-0"

FOOTING GUIDELINES FOR ENCLOSED WET SET POST ANCHORS

EAVE HEIGHT	POST SIZE (MIN)	TYPE	INSIDE DIMENSION STD.
10'-0"	6x6	BWP66	3 5/8"
12'-0"	6x6	BWP66	3 5/8"
14'-0"	8x8	BWP88	7 5/8"
16'-0"	8x8	BWP88	7 5/8"
18'-0"	8x8	BWP88	7 5/8"

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.

MAXIMUM GUIDELINES FOR ENCLOSED WET SET POST ANCHORS

EAVE HEIGHT	MAXIMUM SPAN	TYPE	POST SIZE (MIN)
10'-0"	40'	BWP66	6x6
12'-0"	40'	BWP66	6x6
14'-0"	40'	BWP88	8x8
16'-0"	30'	BWP88	8x8
18'-0"	25'	BWP88	8x8

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.

FOOTING GUIDELINES FOR ENCLOSED DRY SET POST ANCHORS

EAVE HEIGHT	POST SIZE (MIN)	TYPE	INSIDE DIMENSION STD.
10'-0"	6x6	BW66	3 5/8"
12'-0"	6x6	BW66	3 5/8"
14'-0"	8x8	BW88	7 5/8"
16'-0"	8x8	BW88	7 5/8"
18'-0"	8x8	BW88	7 5/8"

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.

MAXIMUM GUIDELINES FOR ENCLOSED DRY SET POST ANCHORS

EAVE HEIGHT	MAXIMUM SPAN	TYPE	POST SIZE (MIN)
10'-0"	40'	BW66	6x6
12'-0"	40'	BW66	6x6
14'-0"	40'	BW88	8x8
16'-0"	30'	BW88	8x8
18'-0"	25'	BW88	8x8

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.

FOOTING GUIDELINES FOR ENCLOSED DRY SET POST ANCHORS

EAVE HEIGHT	POST SIZE (MIN)	TYPE	INSIDE DIMENSION STD.
10'-0"	6x6	BW66	3 5/8"
12'-0"	6x6	BW66	3 5/8"
14'-0"	8x8	BW88	7 5/8"
16'-0"	8x8	BW88	7 5/8"
18'-0"	8x8	BW88	7 5/8"

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.

MAXIMUM GUIDELINES FOR ENCLOSED DRY SET POST ANCHORS

EAVE HEIGHT	MAXIMUM SPAN	TYPE	POST SIZE (MIN)
10'-0"	40'	BW66	6x6
12'-0"	40'	BW66	6x6
14'-0"	40'	BW88	8x8
16'-0"	30'	BW88	8x8
18'-0"	25'	BW88	8x8

ENGINEER NOTES:
1. MAXIMUM SPACING OF POST IS 12'-0" O.C., ALL SPACING OVER 12'-0" MAX. REQUIRES ADDITIONAL ENGINEERING BY LICENSED ENGINEER.