

1 Location Plan  
A0 Scale = N/A

**GENERAL NOTES DRAWING A0:**

- A. JOB DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- B. CONSTRUCTION AREA TO BE KEPT SECURE AT ALL TIMES.
- C. HEIGHT FROM GRADE TO UNDERSIDE OF STRUCTURE  $\pm 6365\text{mm}$ .
- D. REINSTATE ALL SOD DISTURBED BY EXCAVATION.
- E. PROVIDE SUPPORT UNDER EACH JOINT OF THE METAL ROOF.
- F. SHEET METAL ROOF MANUFACTURER TO ADVISE ON METAL THICKNESS APPROPRIATE FOR THE LOCAL SNOWLOAD OF: 2.5 kPa. METAL SHALL NOT BE LESS THAN 0.33mm THICK FOR GALVANIZED STEEL.
- G. PROVIDE ROOF ACCESSORIES FOR SHEET METAL ROOFING AS NEEDED FOR HIPS, VALLEYS, EVES, STARTERS, AND EDGES. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.
- H. 19 x 64mm STRAPPING IS BASED ON TRUSS SPACING NOT EXCEEDING 406mm O.C.
- I. SECURELY FASTEN STRAPPING TO TRUSSES.

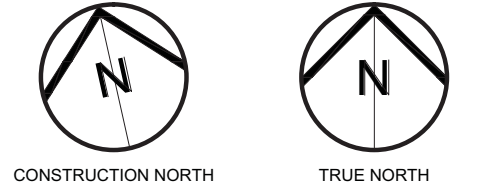
**CONSTRUCTION ASSEMBLIES:**

**ROOF ASSEMBLIES**

- R1 TYPICAL ROOF:
- METAL ROOF FINISH
  - 19 x 64mm WOOD STRAPPING
  - PRE-ENGINEERED WOOD TRUSSES
  - 19mm EXTERIOR GRADE PLYWOOD SHEATHING

**LEGEND FOR ALL DRAWINGS:**

- (X) DRAWING NOTE ANNOTATION.



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1	Issued for 66%	12.03.24
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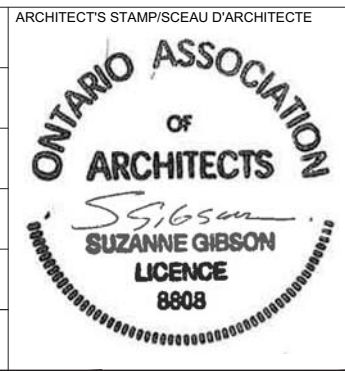


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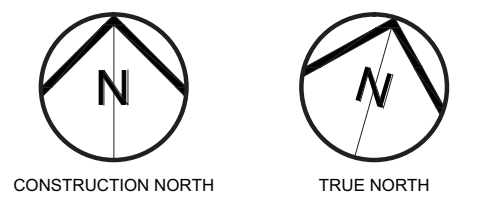
PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**  
1279 Colonial Rd., Navan, On

DRAWING TITLE / TITRE DU DESSIN  
**General Notes  
Drawing Legend  
Location Plan**

JOB No / N° DE PROJET: 789-24  
DATE: January 2024  
SCALE / ÉCHELLE: As Noted  
CONCEPTION BY / CONÇUS PAR: SG  
DRAWN BY / DESSINÉ PAR: KS  
CHECKED BY / VÉRIFIÉ PAR: SG



PRINTING SCALE / ÉCHELLE D'IMPRESSION: IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PRINTING SCALE.  
DRAWING No / DESSIN N°: A0  
REVISION No / RÉVISION N°: 0

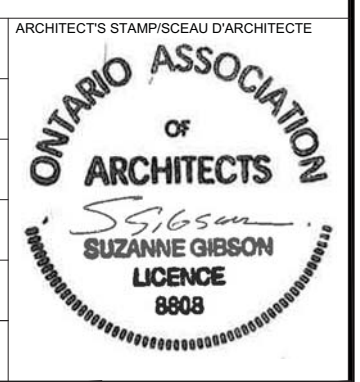


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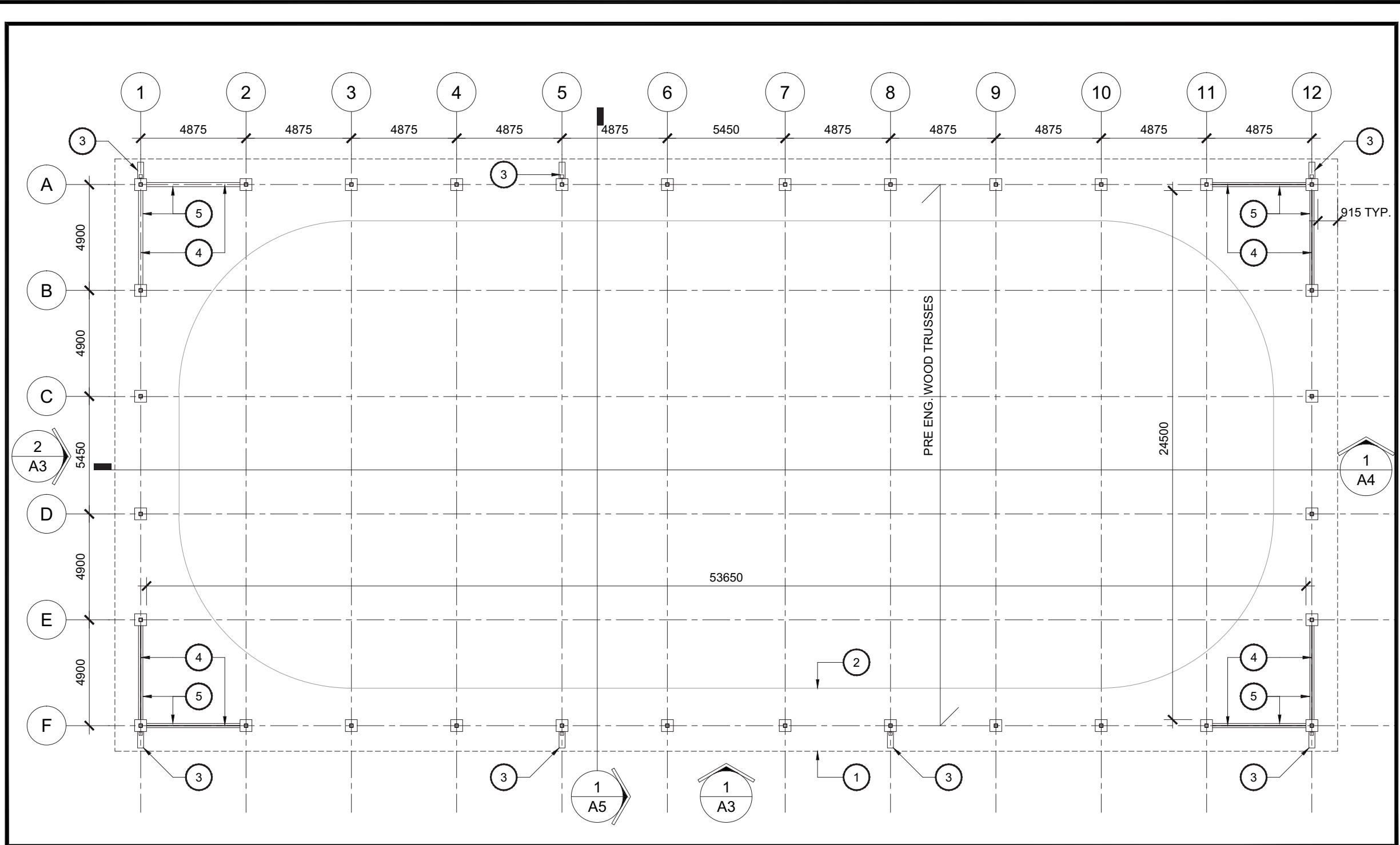
PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**  
 1279 Colonial Rd., Navan, On  
 DRAWING TITLE / TITRE DU DESSIN  
**Floor Plan**

JOB No / N° DE PROJET  
**789-24**  
 DATE  
**January 2024**  
 SCALE / ÉCHELLE  
**As Noted**  
 CONCEPTION BY / CONÇUS PAR  
**SG**  
 DRAWN BY / DESSINÉ PAR  
**KS**  
 CHECKED BY / VÉRIFIÉ PAR  
**SG**



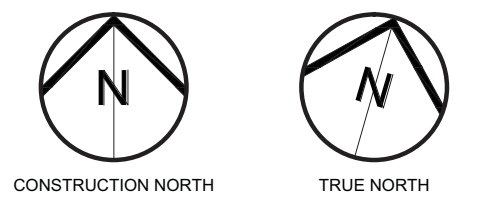
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DRAWING No / DESSIN N°  
**A1**  
 REVISION No / REVISION N°  
**0**



**1 Floor Plan**  
 A1 Scale = 1:200

- NOTES FOR DRAWING A1:**
- EDGE OF ROOF ABOVE.
  - APPROXIMATE EDGE OF ICE RINK.
  - PRECAST CONCRETE SPLASH BLOCK AND DOWNSPOUT.
  - 33mm DIAMETER GALVANIZED ROUND HSS GUARD, CONNECTED TO STEEL COLUMNS.
  - CONCRETE CURB.



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PROJECT NAME / NOM DU PROJET

# Navan Outdoor Rink

1279 Colonial Rd., Navan, On

DRAWING TITLE / TITRE DU DESSIN

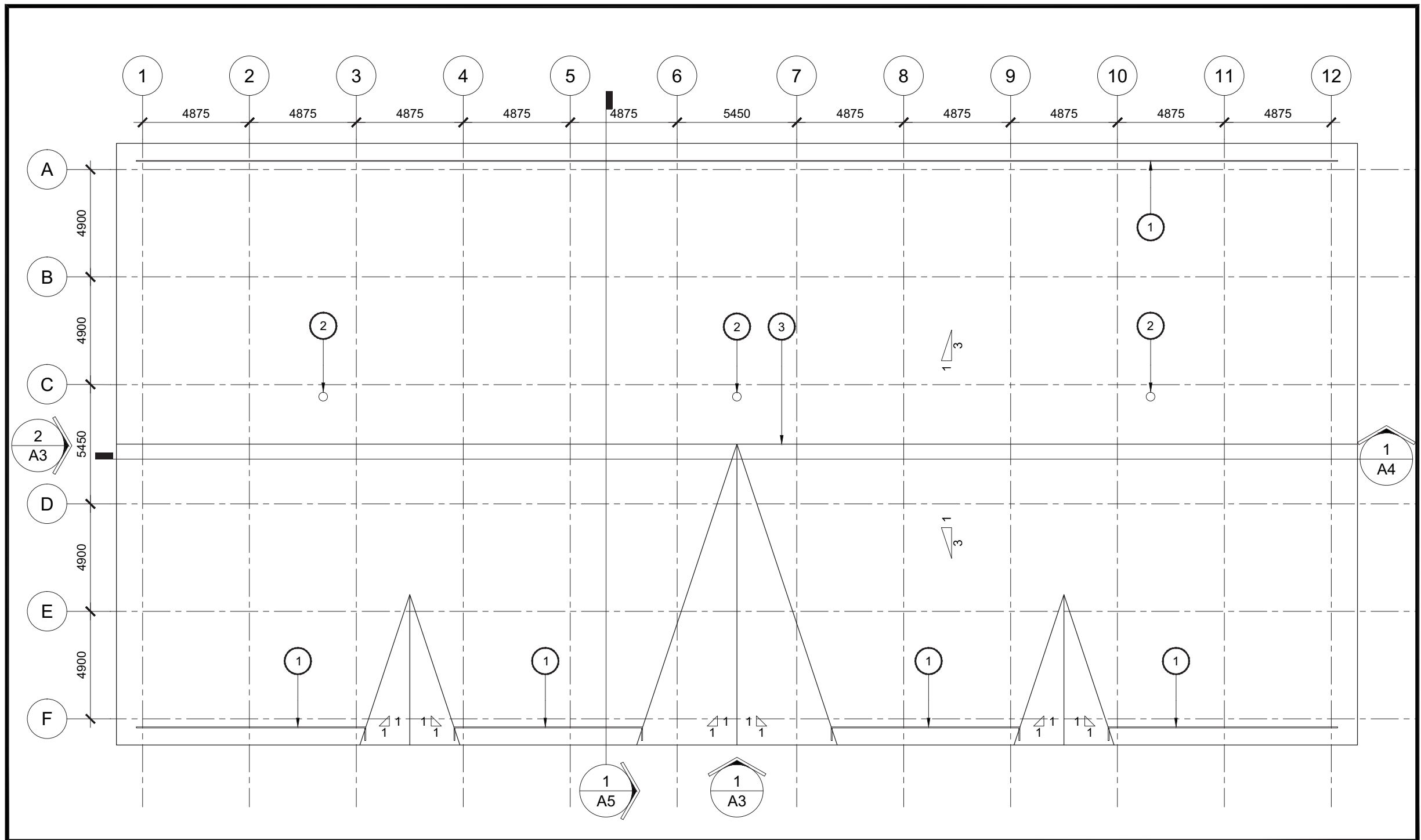
## Roof Plan

JOB No  
**789-24**  
 N° DE PROJET  
 DATE  
**January 2024**  
 DATE  
 SCALE  
**As Noted**  
 ECHELLE  
 CONCEPTION BY  
**SG**  
 CONÇUS PAR  
 DRAWN BY  
**KS**  
 DESSINÉ PAR  
 CHECKED BY  
**SG**  
 VÉRIFIÉ PAR



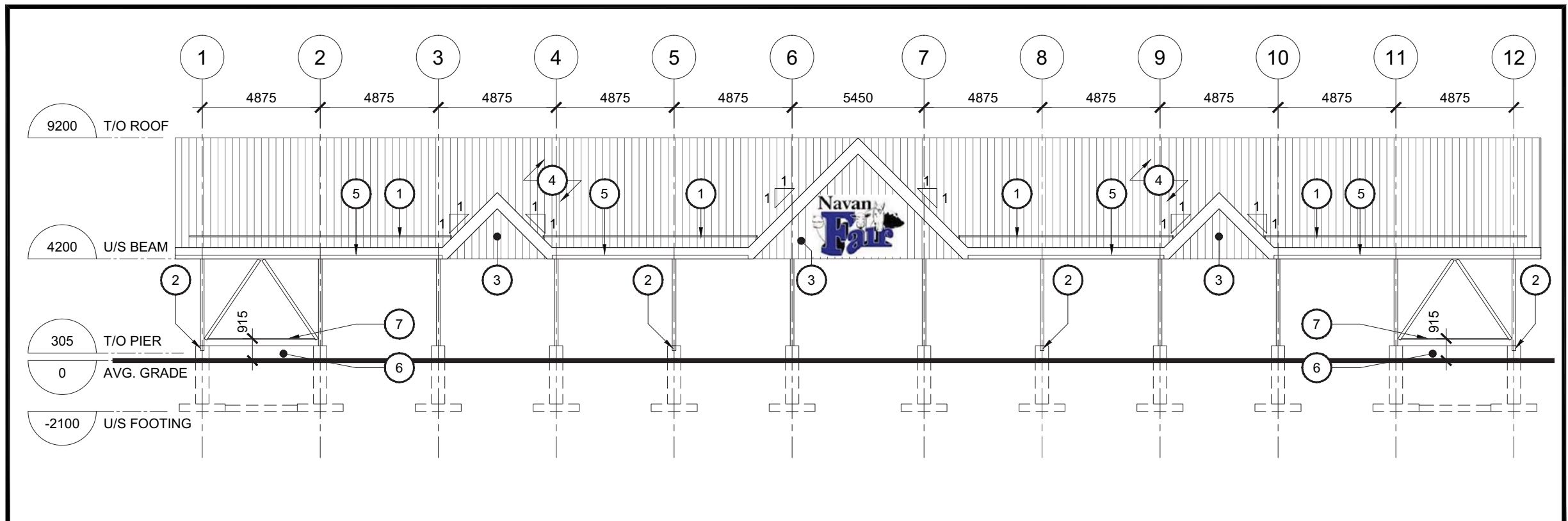
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 YOUR PRINTING SCALE.  
 SI CETTE LIGNE NE MESURE  
 PAS 25mm, AJUSTER VOTRE  
 ÉCHELLE D'IMPRESSION.

DRAWING No / DESSIN N°  
**A2**  
 REVISION No / REVISION N°  
**0**

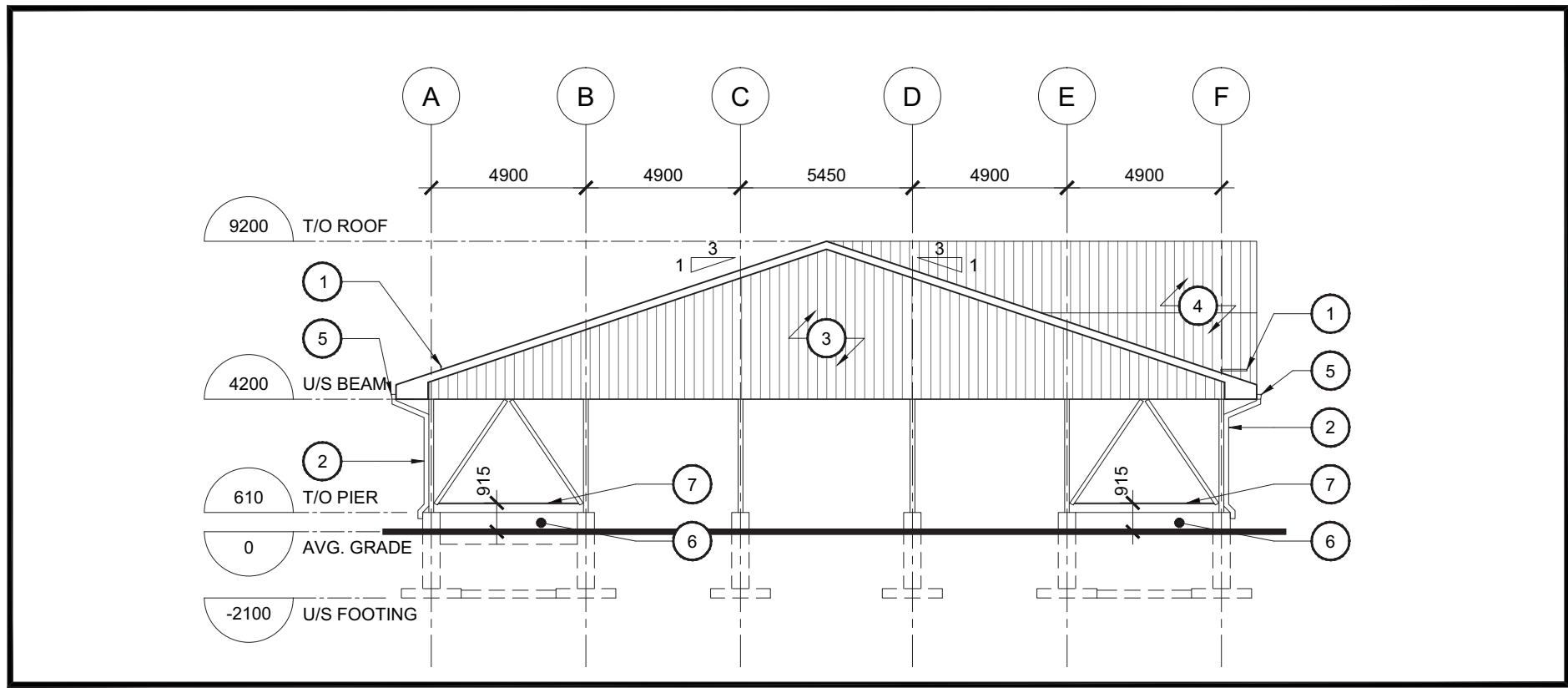


**1** Roof Plan  
**A2** Scale = 1:200

- NOTES FOR DRAWING A2:**
- PREMANUFACTURED SNOW GUARD.
  - ROOF VENT.
  - RIDGE VENT.



**1 South Elevation**  
 A3 Scale = 1:200



**1 West Elevation**  
 A3 Scale = 1:200

**NOTES FOR DRAWING A3:**

1. PREMANUFACTURED SNOW GUARD.
2. DOWNSPOUT.
3. VERTICAL METAL SIDING.
4. METAL ROOF FINISH.
5. EAVESTROUGH.
6. CONCRETE CURB WITH CHAMFERED EDGES.
7. 33mm DIAMETER GALVANIZED HSS.

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PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**  
 1279 Colonial Rd., Navan, On  
 DRAWING TITLE / TITRE DU DESSIN  
**Elevations**

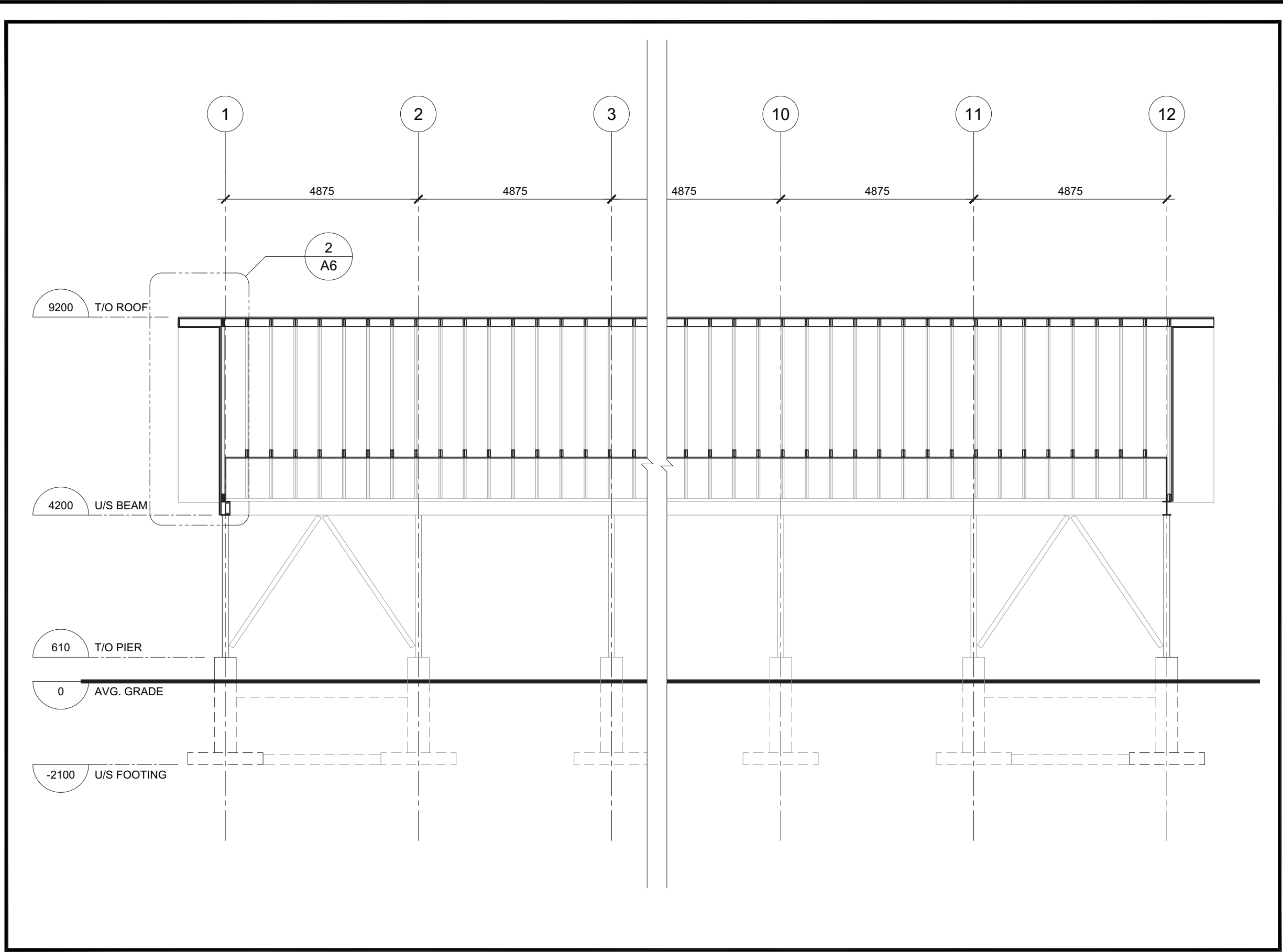
JOB No / N° DE PROJET: 789-24  
 DATE: January 2024  
 SCALE / ÉCHELLE: As Noted  
 CONCEPTION BY / CONÇUS PAR: SG  
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DRAWING No / DESSIN N°  
**A3**  
 REVISION No / RÉVISION N°  
 0





**1 Building Section**  
 A4 Scale = 1:100


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PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**  
 1279 Colonial Rd., Navan, On

DRAWING TITLE / TITRE DU DESSIN  
**Building Section East - West**

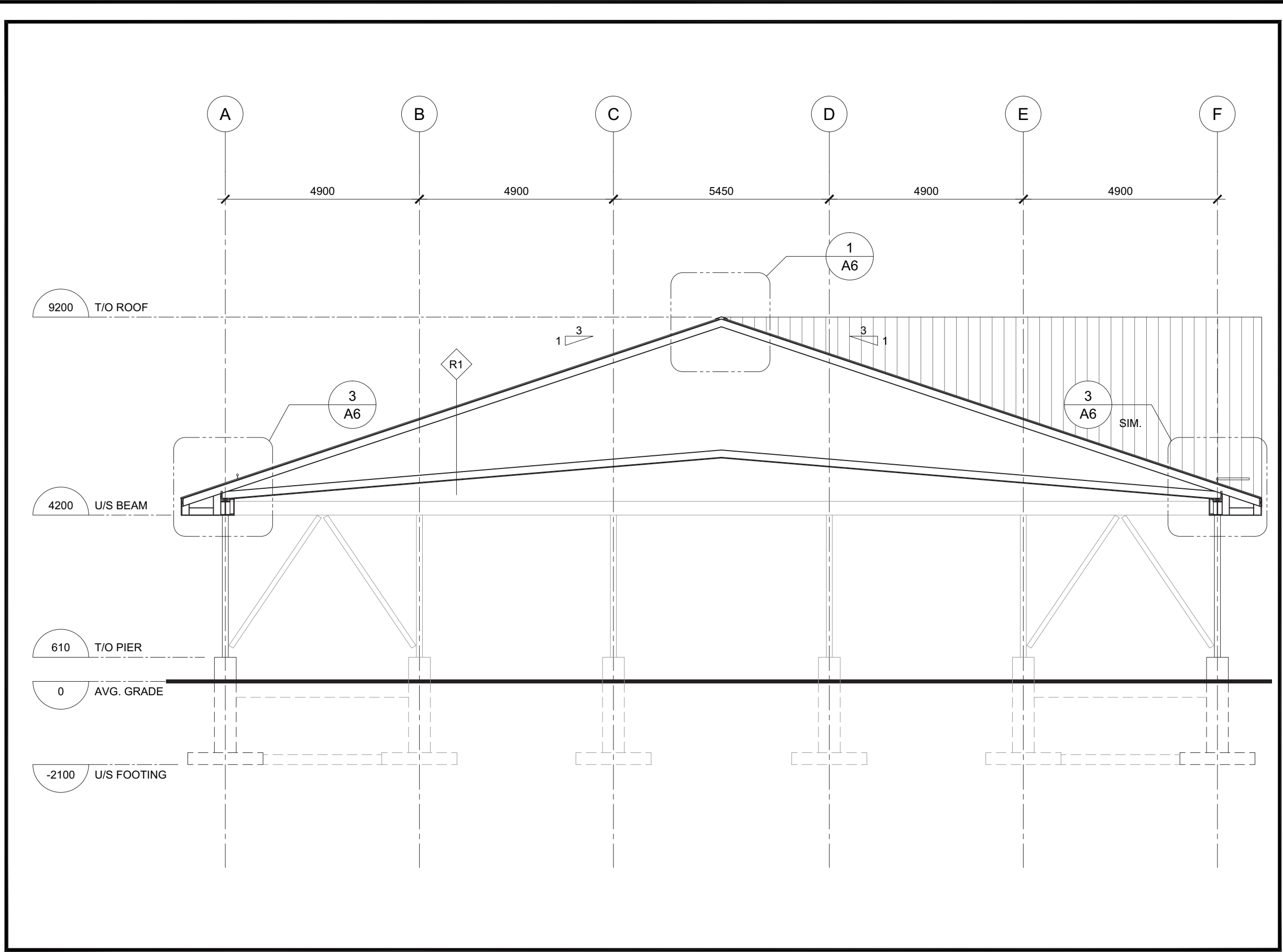
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 DATE: January 2024  
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 CONCEPTION BY / CONÇUS PAR: SG  
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DRAWING No / DESSIN N°: **A4**  
 REVISION No / RÉVISION N°: 0

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PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**

1279 Colonial Rd., Navan, On

DRAWING TITLE / TITRE DU DESSIN  
**Building Section North - South**

JOB No / N° DE PROJET: 789-24  
 DATE: January 2024  
 SCALE / ÉCHELLE: As Noted  
 CONCEPTION BY / CONÇUS PAR: SG  
 DRAWN BY / DESSINÉ PAR: KS  
 CHECKED BY / VÉRIFIÉ PAR: SG

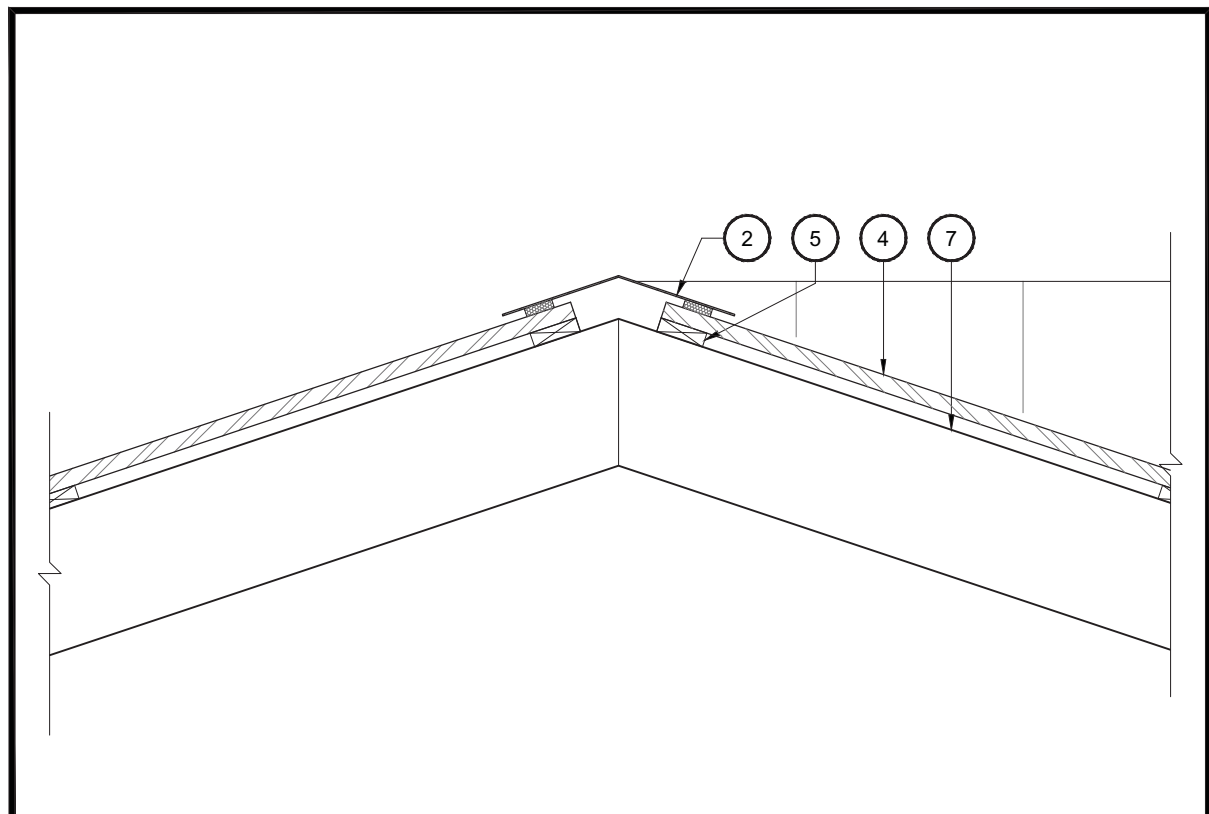


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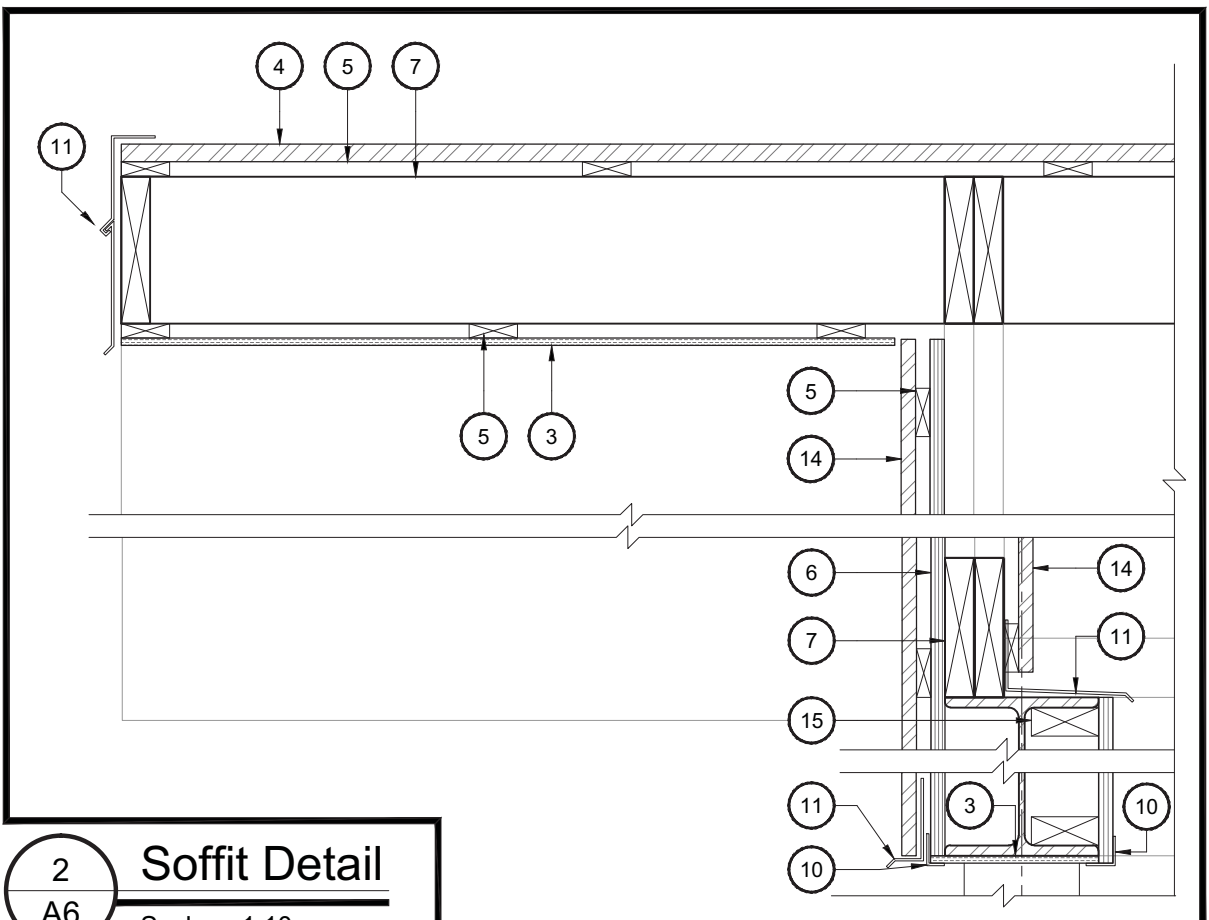
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 REVISION No / RÉVISION N°: 0

**1 Building Section**  
 A5 Scale = 1:100

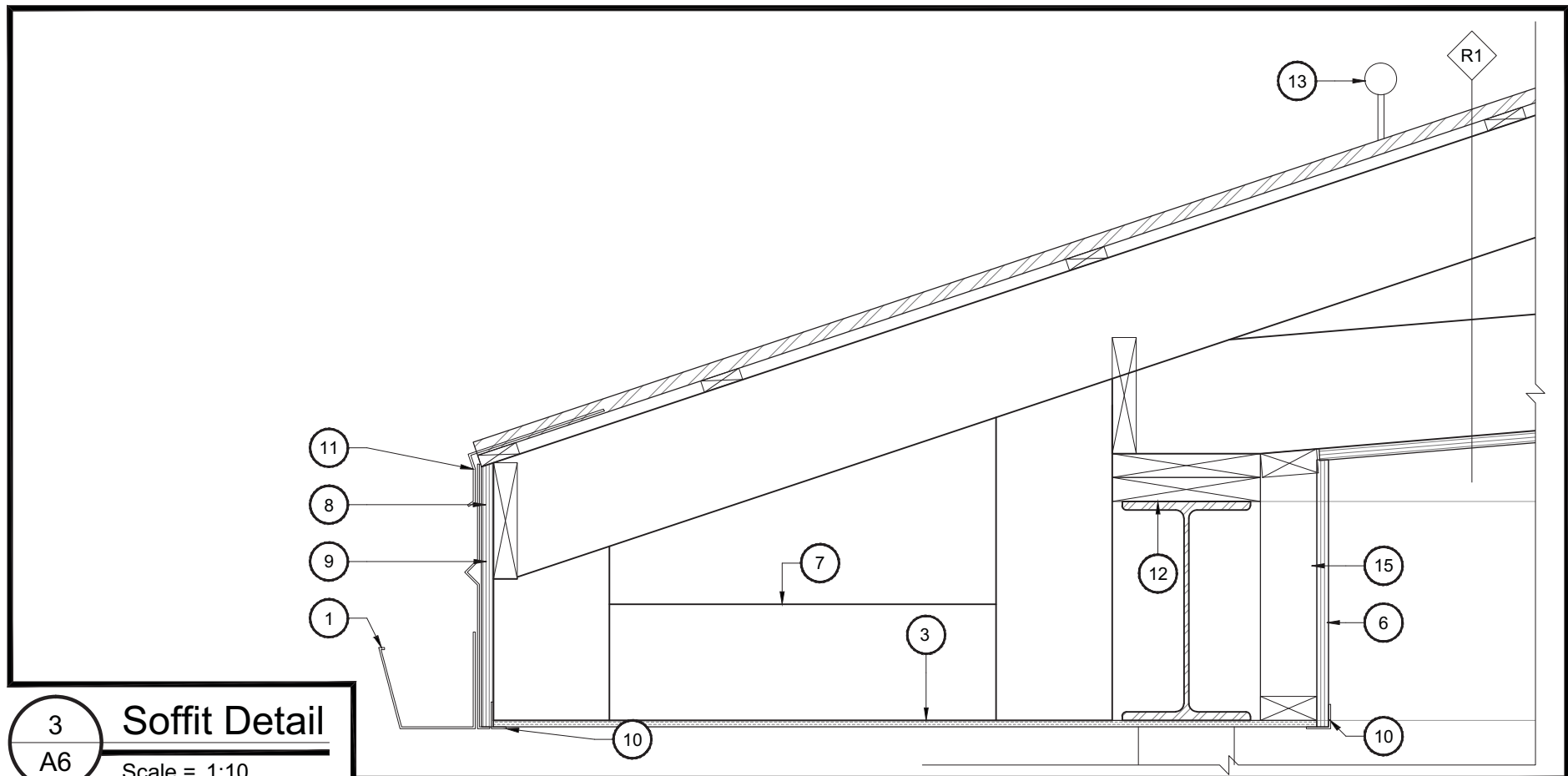
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**1**  
**A6** **Roof Cap Detail**  
 Scale = 1:10



**2**  
**A6** **Soffit Detail**  
 Scale = 1:10



**3**  
**A6** **Soffit Detail**  
 Scale = 1:10

**NOTES FOR DRAWING A6:**

1. PRE-FINISHED EAVESTROUGH.
2. ROOF CAP WITH VENT SCREEN.
3. PREFINISHED PERFORATED VENTED METAL SOFFIT.
4. METAL ROOF FINISH.
5. 19x89mm WOOD STRAPPING.
6. 19mm EXTERIOR GRADE PLYWOOD SHEATHING.
7. PRE-ENGINEERED WOOD TRUSS.
8. FASCIA BOARD.
9. 19mm EXTERIOR GRADE PLYWOOD FASCIA BOARD.
10. METAL TRIM.
11. PRE-FINISHED METAL FLASHING WITH DRIP EDGE.
12. BEARING PLATES AS PER MANUFACTURERS DIRECTION.
13. ICE / SNOW GUARD.
14. 19mm VERTICAL METAL SIDING.
15. 38 x 89mm WOOD BLOCKING TO SUITE.

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PROJECT NAME / NOM DU PROJET  
**Navan Outdoor Rink**  
 1279 Colonial Rd., Navan, On

DRAWING TITLE / TITRE DU DESSIN  
**Roof Details**

JOB No / N° DE PROJET  
**789-24**  
 DATE  
 January 2024  
 SCALE / ÉCHELLE  
 As Noted  
 CONCEPTION BY / CONÇUS PAR  
**SG**  
 DRAWN BY / DESSINÉ PAR  
**KS**  
 CHECKED BY / VÉRIFIÉ PAR  
**SG**



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DRAWING No / DESSIN N°  
**A6**  
 REVISION No / RÉVISION N°  
**0**







SEISMIC SYSTEM LOADING DATA:

MAIN BUILDING

SEISMIC FORCE RESISTING SYSTEM (SFRS)

SFRS: SYSTEM & CONNECTIONS: (2012 OBC CLAUSE 4.1.8.9/4.1.8.10) LATERAL LOAD RESISTING SYSTEM: CONVENTIONAL CONSTRUCTION (STEEL BRACED FRAMES) R<sub>s</sub> = 1.5 R<sub>e</sub> = 1.3 CSA STANDARD: CAN/CSA S16-14 APPLICABLE CLAUSE(S): 27.11 SFRS: DIAPHRAGMS & CONNECTIONS: (2012 OBC CLAUSE 4.1.8.15) CSA STANDARD: CAN/CSA 086-14 APPLICABLE CLAUSE(S): 11 SFRS: SYSTEM FOUNDATIONS: (2012 OBC CLAUSE 4.1.8.16 & CSA A23.3-14 CLAUSE 21.10) CSA STANDARD: CAN/CSA A23.3-14 APPLICABLE CLAUSE(S): 21.10.3.2.2

CONFIRMATION: FOUNDATIONS HAVE BEEN DESIGNED TO RESIST THE LATERAL LOAD CAPACITY OF THE SFRS INCLUDING ALL APPLICABLE AMPLIFICATION FACTORS

SEISMIC IMPORTANCE FACTOR: (2012 OBC CLAUSE 4.1.8.5)

I<sub>e</sub> = 1.0

PROJECT CITY: (NAVAN, ONTARIO)

SITE CLASS: THE NOTED SITE CLASSIFICATION FOR SEISMIC SITE RESPONSE AND SHEAR WAVE VELOCITY PARAMETERS INDICATED ARE AS REPORTED IN THE GEOTECHNICAL REPORT # 17C057 BY ST. LAWRENCE TESTING & INSPECTION CO. LTD. REFER TO THE NOTED GEOTECHNICAL REPORT FOR V<sub>s</sub>, N<sub>60</sub>, AND/OR S<sub>u</sub> VALUES USED TO DETERMINE SITE CLASSIFICATION.

PGA: 0.331 PGV: 0.224

RESPONSE SPECTRUM DATA:

5% DAMPED SPECTRAL RESPONSE ACCELERATION VALUES: (2015 NBC SEISMIC HAZARD CALCULATOR(45.42, 75.42))

S<sub>a</sub>(0.2) = 0.517 S<sub>a</sub>(0.5) = 0.270 S<sub>a</sub>(1.0) = 0.130 S<sub>a</sub>(2.0) = 0.061 S<sub>a</sub>(5.0) = 0.016 S<sub>a</sub>(10.0) = 0.006

DESIGN SPECTRAL RESPONSE ACCELERATION VALUES (DSRAV): (2012 OBC CLAUSE 4.1.8.4)

CLASS D:

S(0.0) = 0.535 S(0.2) = 0.535 S(0.5) = 0.333 S(1.0) = 0.174 S(2.0) = 0.085 S(5.0) = 0.023 S(10.0) = 0.0083 F(0.2) = 1.03 F(0.5) = 1.24 F(1.0) = 1.34 F(2.0) = 1.39 F(5.0) = 1.44 F(10.0) = 1.38

SYSTEM RESTRICTION VALUE:

I<sub>e</sub>F<sub>s</sub>S<sub>a</sub>(0.2) = 0.535 ≥ 0.35 I<sub>e</sub>F<sub>s</sub>S<sub>a</sub>(0.2) = 0.83 ≥ 0.16 I<sub>e</sub>F<sub>s</sub>S<sub>a</sub>(2.0) = 0.098 ≥ 0.03

PERIOD DATA:

STATIC PERIOD: (2012 OBC CLAUSE 4.1.8.11(3))

T<sub>s</sub>(STATIC)<sub>NS</sub> = 0.1325 sec T<sub>s</sub>(STATIC)<sub>EW</sub> = 0.1325 sec

MODAL PERIOD: (2012 OBC CLAUSE 4.1.8.11(3) AND 4.1.8.3(8))

T<sub>s</sub>(MODAL)<sub>NS</sub> = N/A T<sub>s</sub>(MODAL)<sub>EW</sub> = N/A

DESIGN PERIODS/MODE & MOMENT FACTORS: (2015 NBCC CLAUSE (4.1.8.11(6)))

S<sub>u</sub>(0.2) = 32.3 S<sub>u</sub>(5.0)

T<sub>s</sub>(DESIGN)<sub>NS</sub> = 0.1325 sec M<sub>s</sub> = 1 J = 1 T<sub>s</sub>(DESIGN)<sub>EW</sub> = 0.1325 sec M<sub>s</sub> = 1 J = 1

DESIGN FUNDAMENTAL PERIOD BASED DSRAV:

S(T<sub>s</sub>)<sub>NS</sub> = 0.535 S(T<sub>s</sub>)<sub>EW</sub> = 0.535

IRREGULARITY REVIEW (2012 OBC CLAUSE 4.1.8.6)

- 1. VERTICAL STIFFNESS: YES NO 2. WEIGHT: YES NO 3. VERTICAL GEOMETRIC: YES NO 4. IN PLANE DISCONTINUITY: YES NO 5. OUT OF PLANE: YES NO 6. WEAK STOREY: YES NO 7. TORSIONAL: YES NO 8. NON-ORTHOGONAL: YES NO 9. GRAVITY INDUCED LATERAL DEMAND: YES NO

CONCLUSION: BUILDING IS DYNAMIC ANALYSIS: DYNAMIC PROCEDURE METHOD:

TORSIONAL ECCENTRICITY: ± 0.10 D<sub>nx</sub> (4.1.8.11(10a)), B ≤ 1.7 EQUIV. STATIC FORCE PROCEDURE ± 0.10 D<sub>nx</sub> (4.1.8.12(4a)), B ≥ 1.7 ± 0.05 D<sub>nx</sub> (4.1.8.12(4b)), B < 1.7, 3-D DYNAMIC ANALYSIS

STRUCTURAL SEPARATION: THE NEW AND EXISTING STRUCTURES HAVE BEEN SEPARATED IN ACCORDANCE WITH 4.1.8.14(1) OF THE 2012 OBC

STATIC MAXIMUM/MINIMUM VALUES:

NORTH-SOUTH: (↑) BASE SHEARS/MOMENTS: (2012 OBC CLAUSE 4.1.8.11) EAST-WEST: (←) BASE SHEARS/MOMENTS: (2012 OBC CLAUSE 4.1.8.11)

Table with 3 columns: SEISMIC LOADS, STATIC LOADS, DYNAMIC, DESIGN LOADS. Rows for NORTH-SOUTH and EAST-WEST directions with V<sub>u</sub>, W, M<sub>u</sub> values.

Table with 2 columns: WIND UPLIFT (2012 OBC 4.1.7.6, FIG 4.1.7.6.C) and DESIGN SNOW LOAD PARAMETERS (NAVAN, ONTARIO, CANADA).

Table with 2 columns: WIND (2015 NBCC FIGURE I-12) and VBASE/MBASE values.

Empty table with 2 columns and 10 rows.

Table with 3 columns: No., Revision Description, Date. Row 1: 1, ISSUED FOR PERMIT, 2024-03-15.

- 1. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS... 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT... 3. ADDITIONAL INFORMATION MAY BE ISSUED FOR CLARIFICATION... 4. DO NOT SCALE DRAWINGS

CUNLIFFE & ASSOCIATES CONSULTING STRUCTURAL ENGINEERS 200-1550 CARLING AVE OTTAWA, ONTARIO CANADA K1Z 8S8

PROJECT Navan Outdoor Rink 1279 Colonial Rd., Navan, On

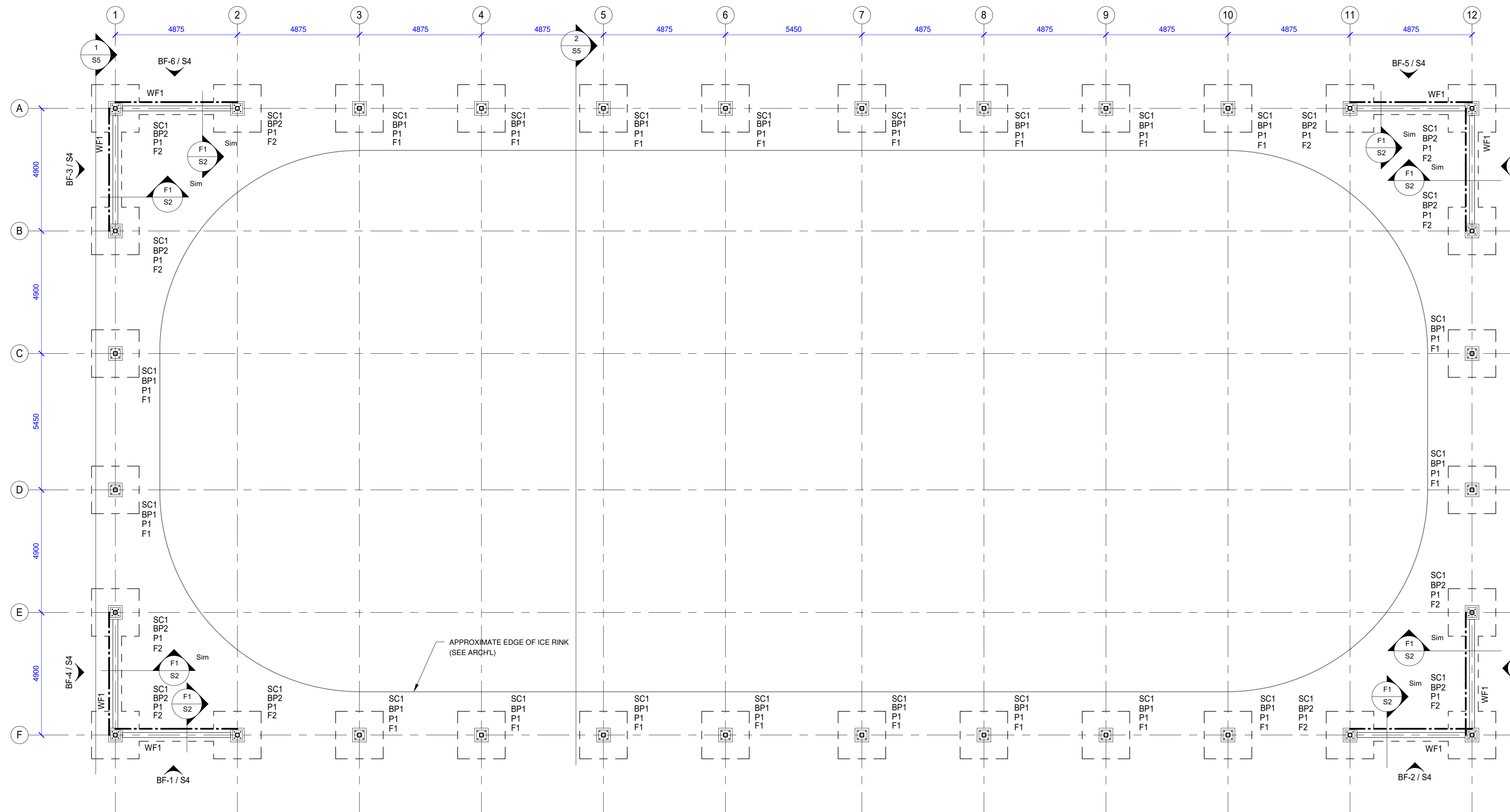
ARCHITECT Bryden Gibson Architects Inc

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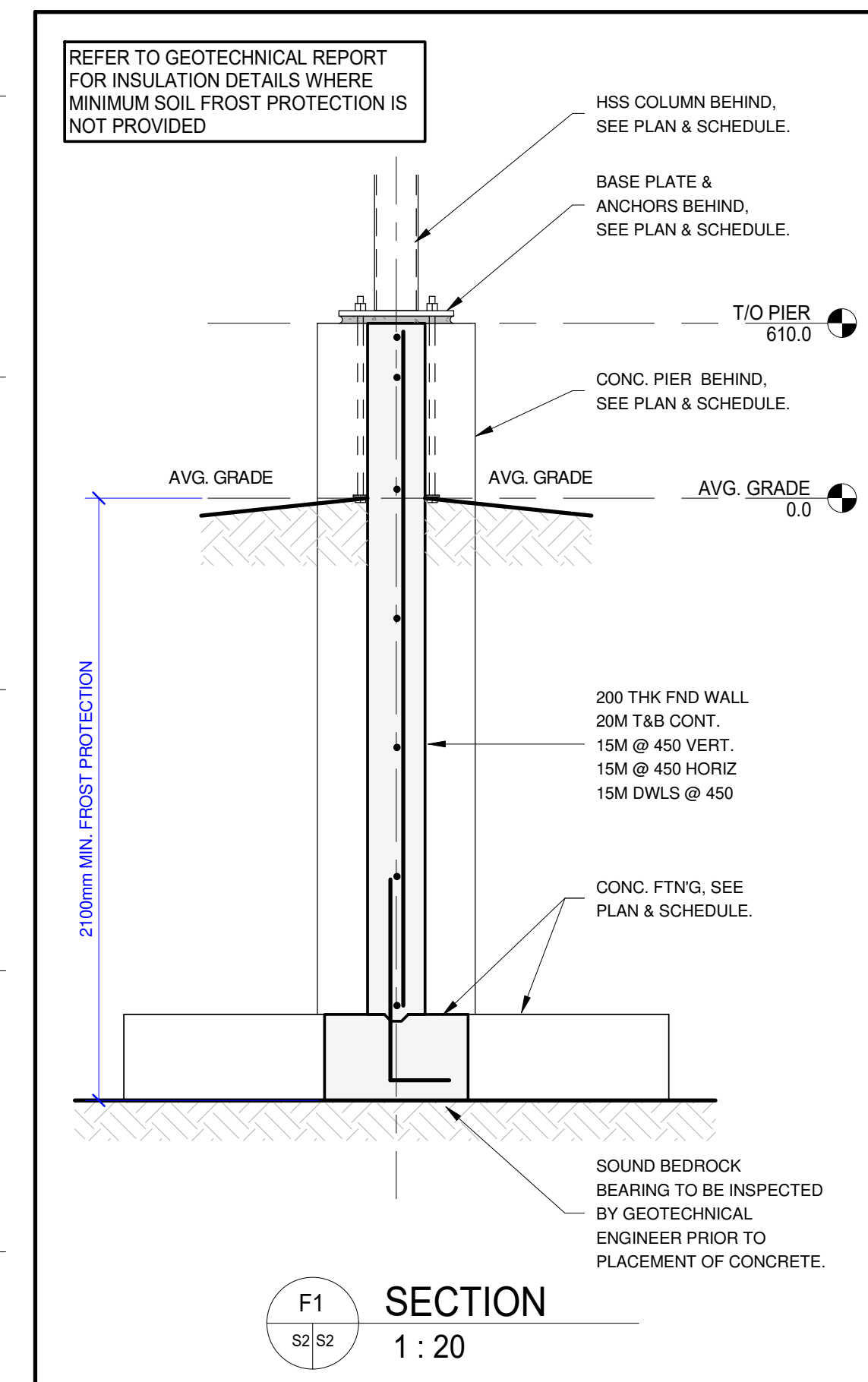
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ENGINEERS SEAL: LICENSED PROFESSIONAL ENGINEER 2024-03-15 D.A. HARDING 100194371 SHEET No. S1 REVISION No. 1





- NOTES:**
- CONCRETE COMPRESSIVE STRENGTH**
- PERIMETER FOUNDATION WALLS AND PIERS - 25 MPa TYPE C1  
FOOTINGS - 25 MPa TYPE N
- FOUNDATION NOTES**
1. ALL FOOTINGS ARE TO BE CENTERED ON COLUMN, WALLS OR FOUNDATIONS UNLESS NOTED OTHERWISE.
  2. ALL COLUMNS ARE TO BE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE.
  3. ALL STRUCTURAL STEEL EXPOSED TO EXTERIOR IS TO BE HOT DIP GALVANIZED.



**FOUNDATION PLAN**

1 : 100

FOOTING SCHEDULE		
MARK	SIZE	REINF'G
F1	1900 x 1900x 300 DP	6-15Mx1800 B EW (H)
F2	1900 x 1900x 300 DP	6-15Mx1800 T&B EW (H)
WF1	500 x 300 DP	3-15M BUL & TLL CONT.

NOTES:

1. SEE GENERAL NOTES ALSO.
2. WALL FOOTINGS TO EXTEND BEYOND ENDS OF WALLS A DISTANCE EQUAL TO THE SIDE PROJECTIONS.
3. ALL FOOTINGS TO BE CENTERED UNDER PIERS, COLUMNS OR WALLS UNLESS NOTED.
4. SEE PLANS FOR CONCRETE COMPRESSIVE STRENGTHS.

STEEL COLUMN SCHEDULE	
MARK	SIZE
SC1	HSS 152x152x6.4 (HOT DIP GALVANIZED)

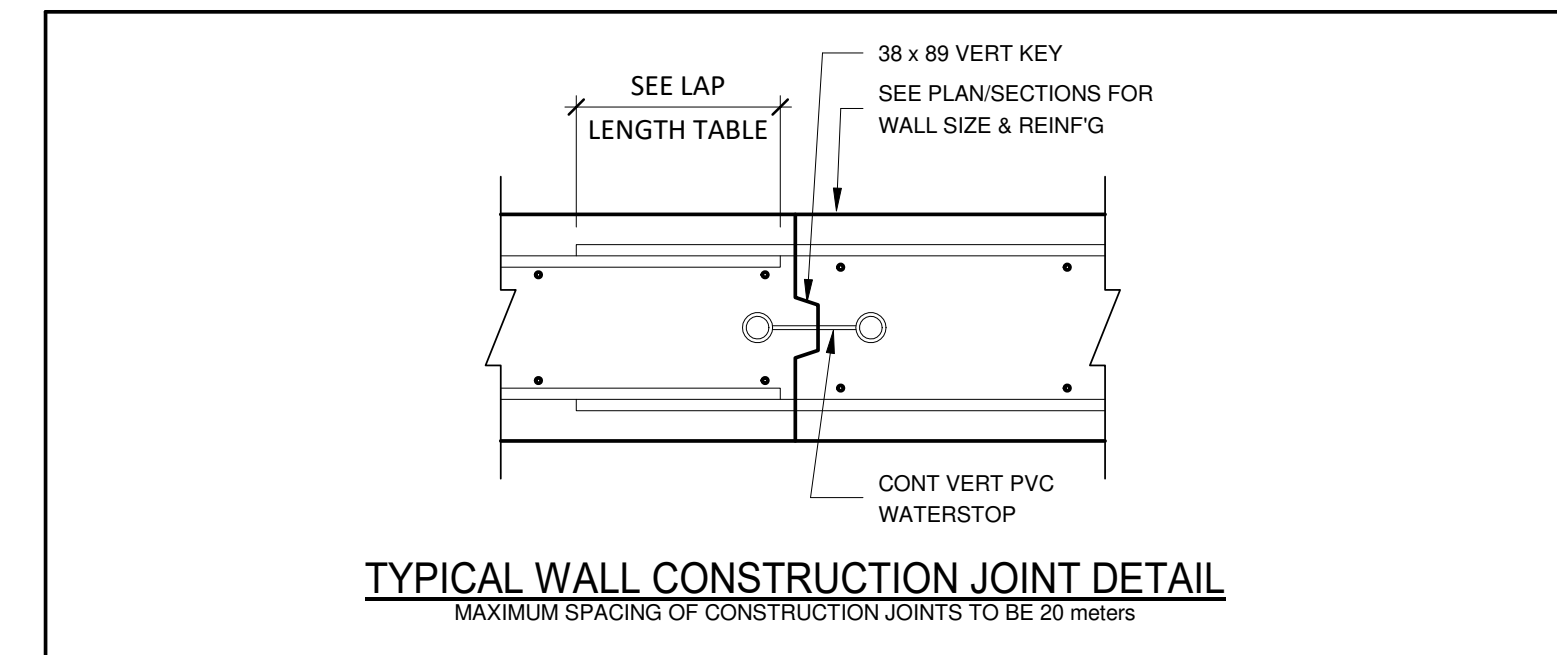
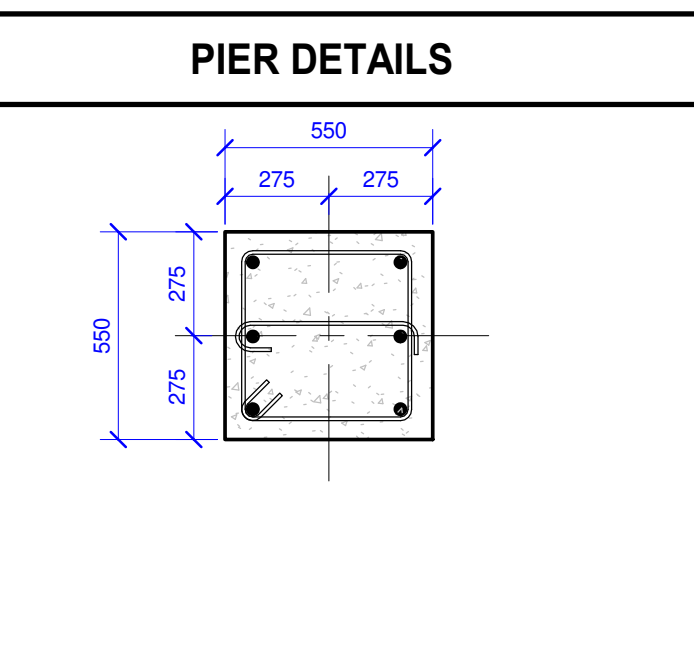
NOTES:

1. ALL HSS SECTIONS TO BE ASTM A500 (GRADE C) OR G40.21M350W (CLASS C).
2. ALL HSS'S WITH (H) ARE TO BE G40.21 350W (CLASS H)
3. SEE GENERAL NOTES ALSO.

PIER SCHEDULE		
MARK	SIZE	REINF'G
P1	550 x 550	6-20M VERT + DWLS 2-10M TIES @ 300

NOTES:

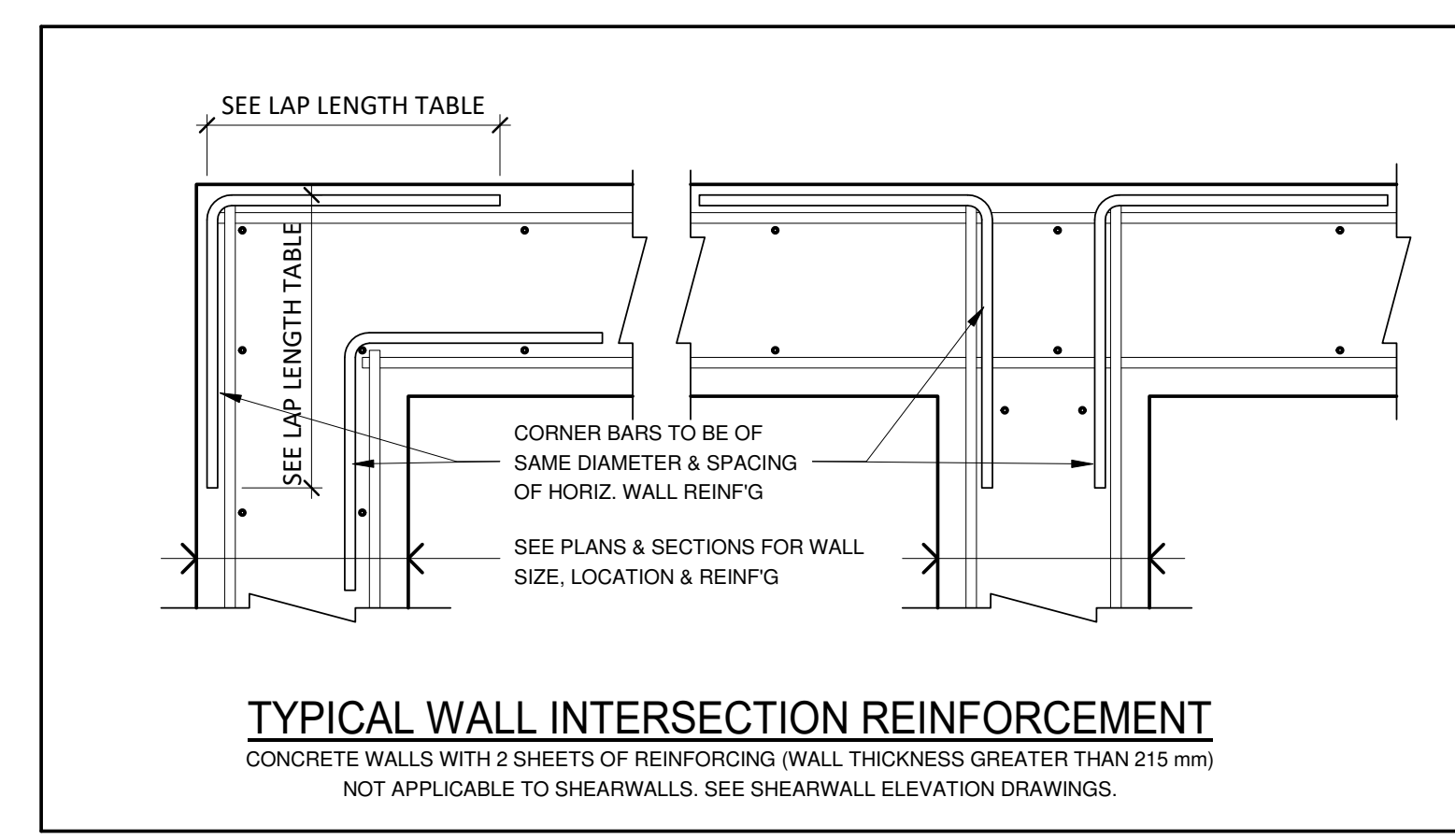
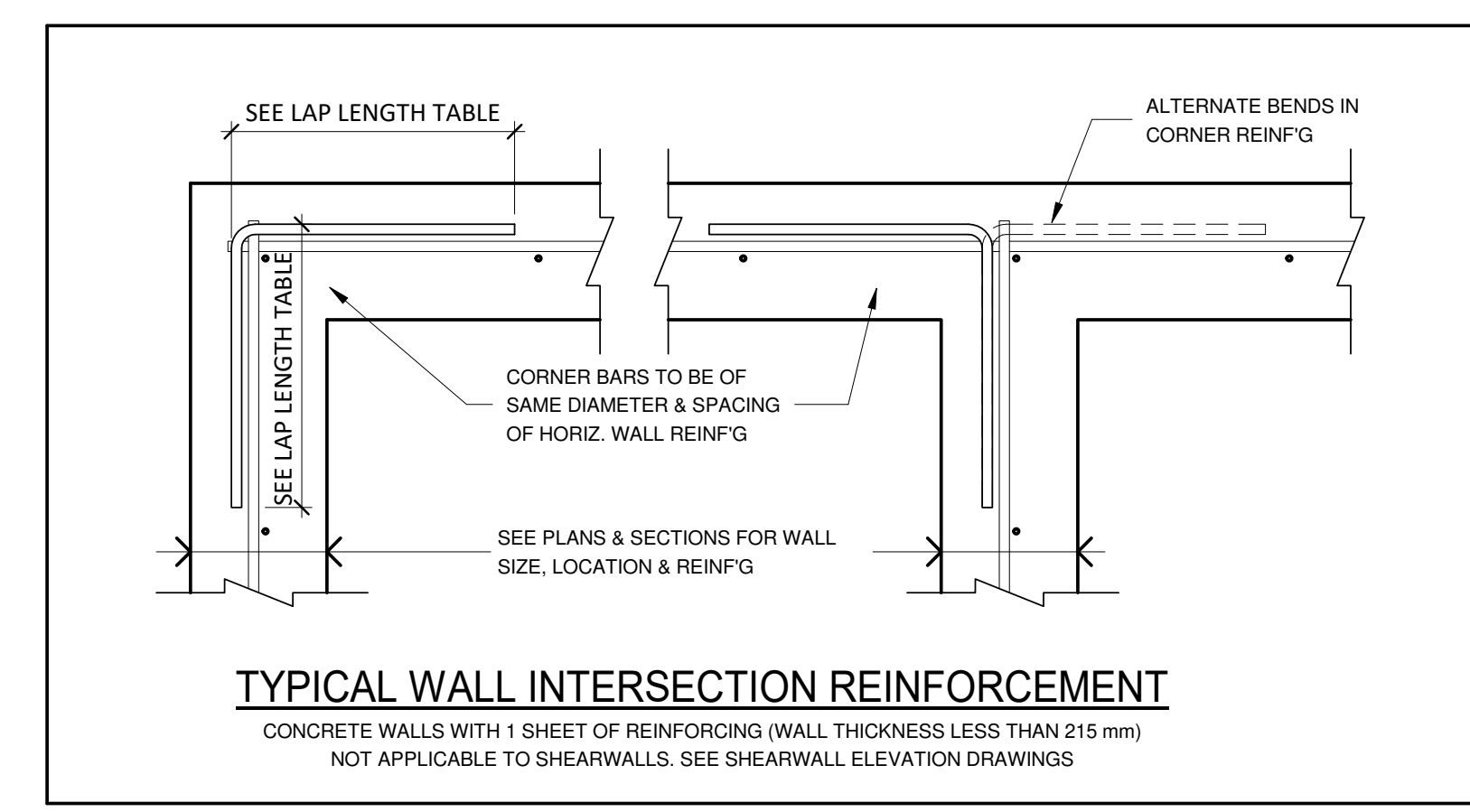
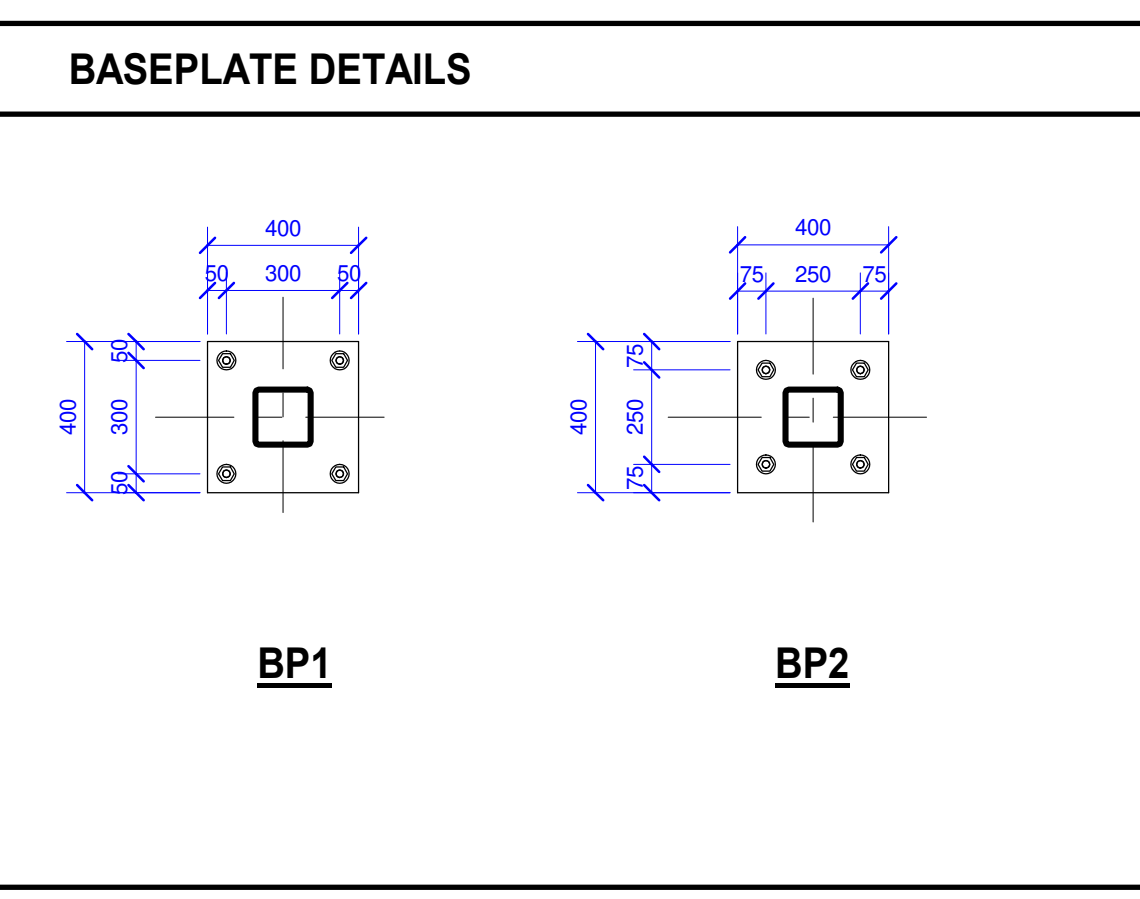
1. PROVIDE DWLS INTO FTG TO MATCH VERT. PIER REINF'G
2. PROVIDE 3 SETS OF TIES SPACED @ 75 o/c AT TOP OF PIERS.
3. HORIZ FND WALL REINF'G TO EXTEND THRU CONCRETE PIER.
4. TOP OF PIER TO BE 400 BELOW TOP OF SLAB TYP. UN
5. SEE PLANS FOR CONCRETE COMPRESSIVE STRENGTHS.



BASEPLATE SCHEDULE		
MARK	SIZE	ANCHORS
BP1	400x 400 x 19 THK PLATE (HOT DIP GALVANIZED)	4-19Ø ANCHOR BOLTS (HOT DIP GALVANIZED) (625 EMBEDMENT)
BP2	400x 400 x 19 THK PLATE (HOT DIP GALVANIZED)	4-25Ø ANCHOR BOLTS (HOT DIP GALVANIZED) (625 EMBEDMENT)

NOTES:

1. PROVIDE 25MM NON SHRINK GROUT OR DRYPACK BELOW BASEPLATES EXTENDING 25MM BEYOND PERIMETER OF PLATE AND FOR FULL AREA BELOW PLATE. (NOT APPLICABLE TO CAST-IN PLATES)
2. PROVIDE 50 MM ANCHOR BOLT PROJECTION ABOVE PLATE.
3. ALL ANCHOR BOLTS TO BE A307 w/h
4. ALL ANCHOR BOLTS TO BE HEADED.
5. ALL COLUMNS TO BE CENTERED ON BASEPLATES UN
6. USE STEEL TEMPLATES AND PRECISE SURVEYING TECHNIQUES TO ACCURATELY LOCATE BASE PLATE & ANCHOR BOLTS.
7. PROVIDE 50 Ø x 5 THK WASHERS FOR ANCHORS UP TO 25 Ø.
8. PROVIDE 75 Ø x 6 THK WASHERS FOR ANCHORS LARGER THAN 25 Ø.



2	ISSUED FOR PERMIT	2024-03-15
1	ISSUED FOR REVIEW	2024-02-27
No.	Revision Description	Date

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4. DO NOT SCALE DRAWINGS

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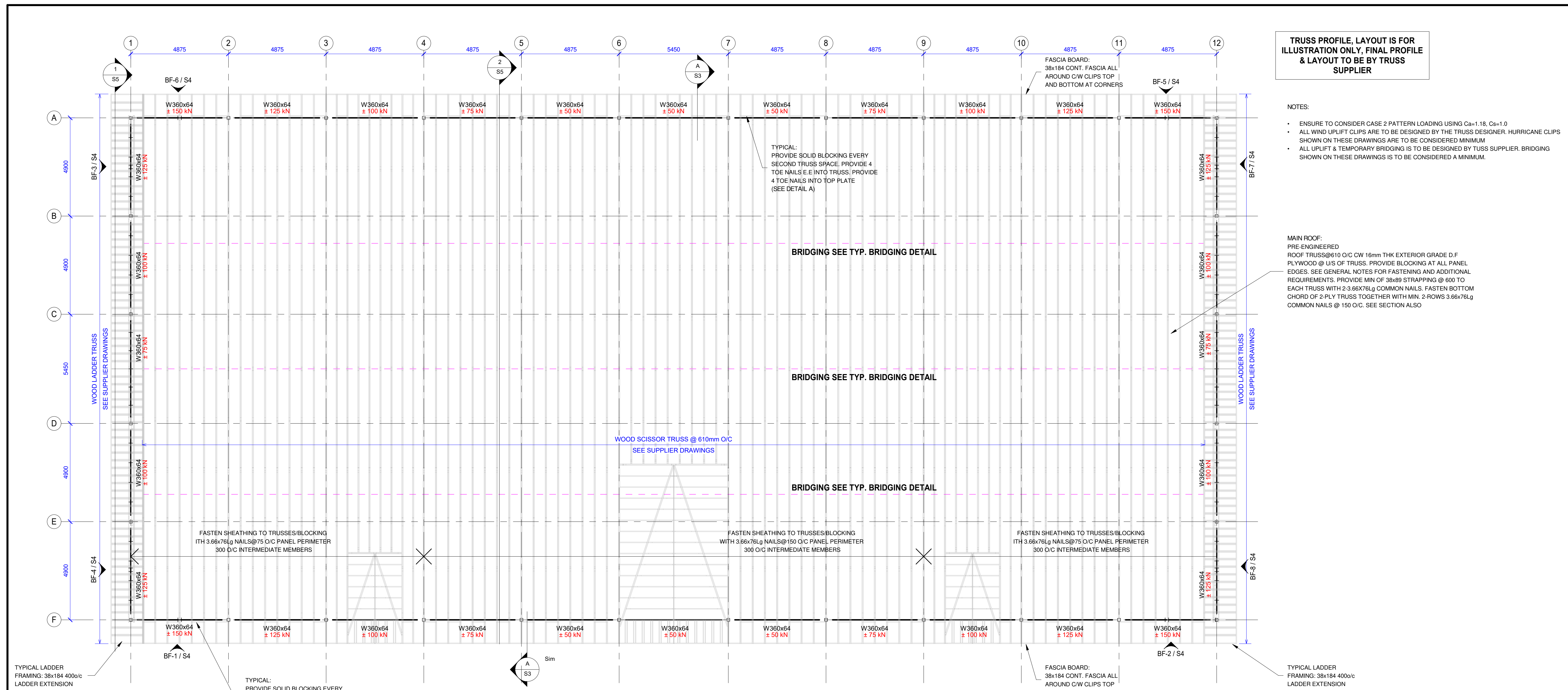
PROJECT  
**Navan Outdoor Rink**  
1279 Colonial Rd., Navan, On

ARCHITECT  
**Bryden Gibson Architects Inc**

DRAWING TITLE  
**FOUNDATION PLAN & SCHEDULES**

DRAWN A.M.	REVIEWED D.A.H.	SCALE As indicated
ENGINEERS SEAL 		PROJECT No. 24-026
		SHEET No. S2
		REVISION No. 2





**TRUSS PROFILE, LAYOUT IS FOR ILLUSTRATION ONLY, FINAL PROFILE & LAYOUT TO BE BY TRUSS SUPPLIER**

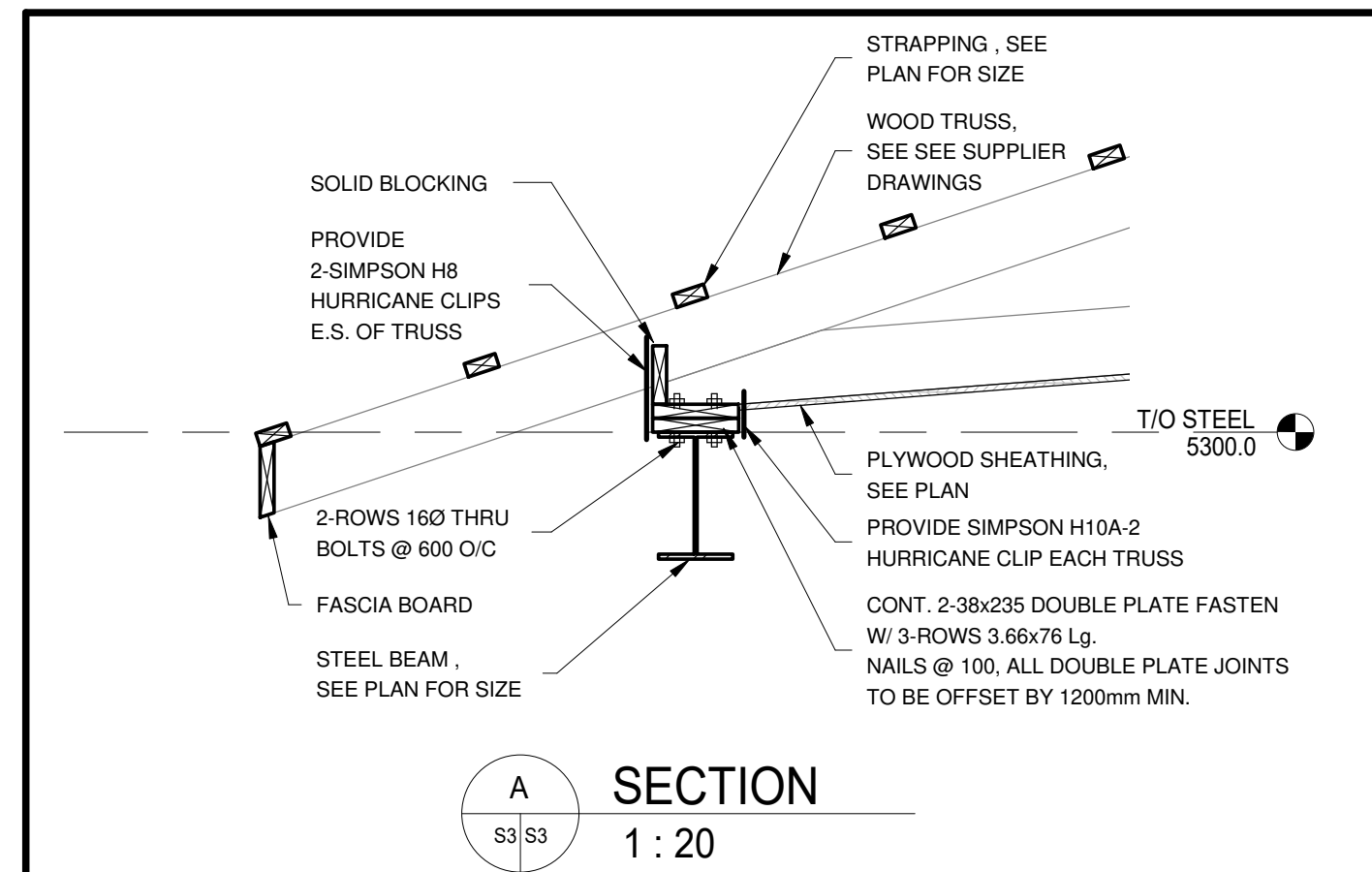
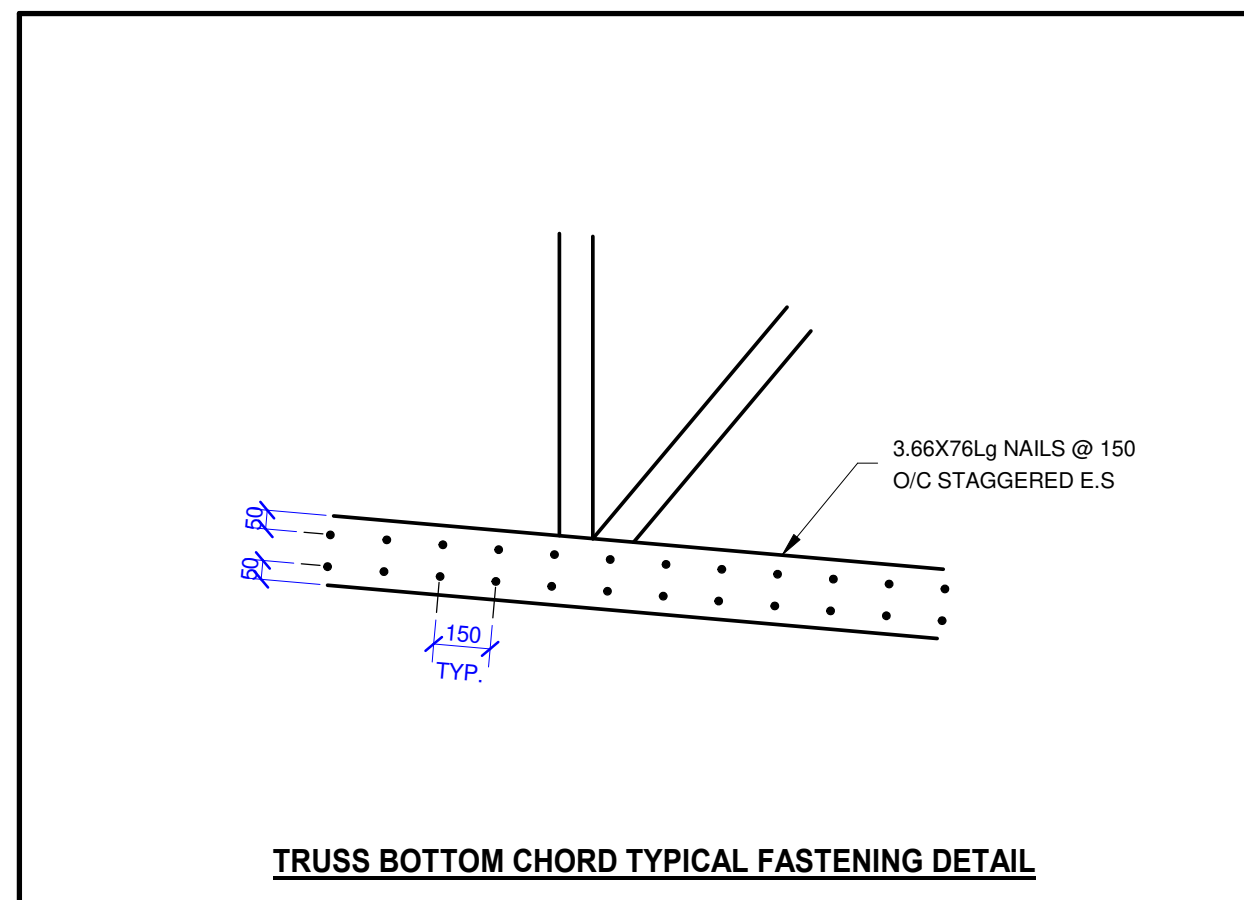
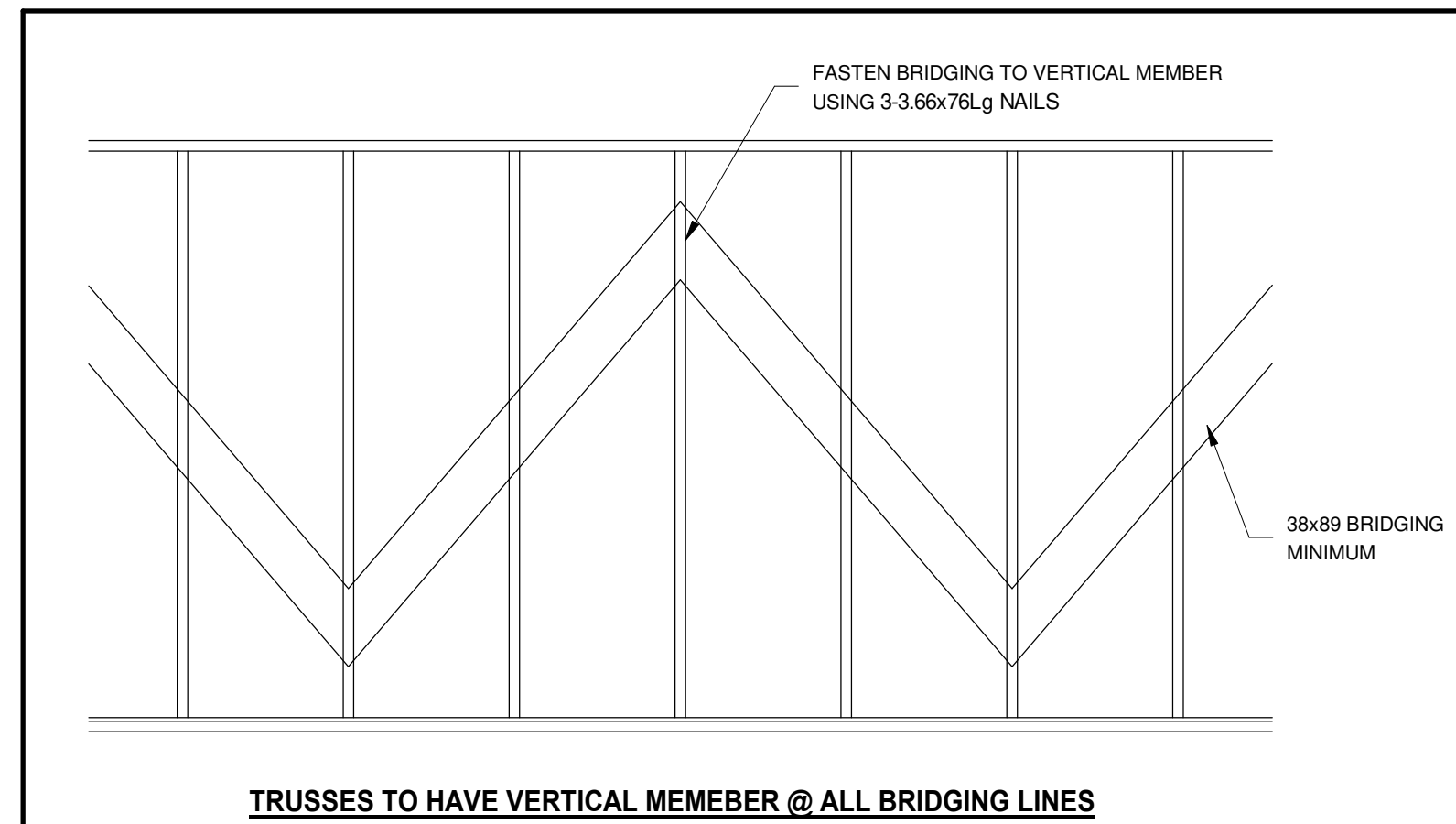
- NOTES:
- ENSURE TO CONSIDER CASE 2 PATTERN LOADING USING  $C_s=1.18$ ,  $C_e=1.0$
  - ALL WIND UPLIFT CLIPS ARE TO BE DESIGNED BY THE TRUSS DESIGNER. HURRICANE CLIPS SHOWN ON THESE DRAWINGS ARE TO BE CONSIDERED MINIMUM
  - ALL UPLIFT & TEMPORARY BRIDGING IS TO BE DESIGNED BY TRUSS SUPPLIER. BRIDGING SHOWN ON THESE DRAWINGS IS TO BE CONSIDERED A MINIMUM.

MAIN ROOF:  
 PRE-ENGINEERED  
 ROOF TRUSS@610 O/C CW 16mm THK EXTERIOR GRADE D.F  
 PLYWOOD @ US OF TRUSS. PROVIDE BLOCKING AT ALL PANEL EDGES. SEE GENERAL NOTES FOR FASTENING AND ADDITIONAL REQUIREMENTS. PROVIDE MIN OF 38x89 STRAPPING @ 600 TO EACH TRUSS WITH 2-3.66x76Lg COMMON NAILS. FASTEN BOTTOM CHORD OF 2-PLY TRUSS TOGETHER WITH MIN. 2-ROWS 3.66x76Lg COMMON NAILS @ 150 O/C. SEE SECTION ALSO

**ROOF PLAN**

1 : 100

DESIGN LOADS	
<b>ROOF</b>	
METAL ROOFING	0.10 kPa
38X89 STRAPPING	0.10
ROOF TRUSSES	0.40
SHEATHING	0.10
MECH/ELECT'L	0.30
<hr/>	
DEAD LOAD	1.00 kPa
LIVE LOAD	2.40 kPa (OR SNOW CONCENTRATION)
<hr/>	
TOTAL LOAD	3.40 kPa (OR DL + SNOW CONCENTRATION)



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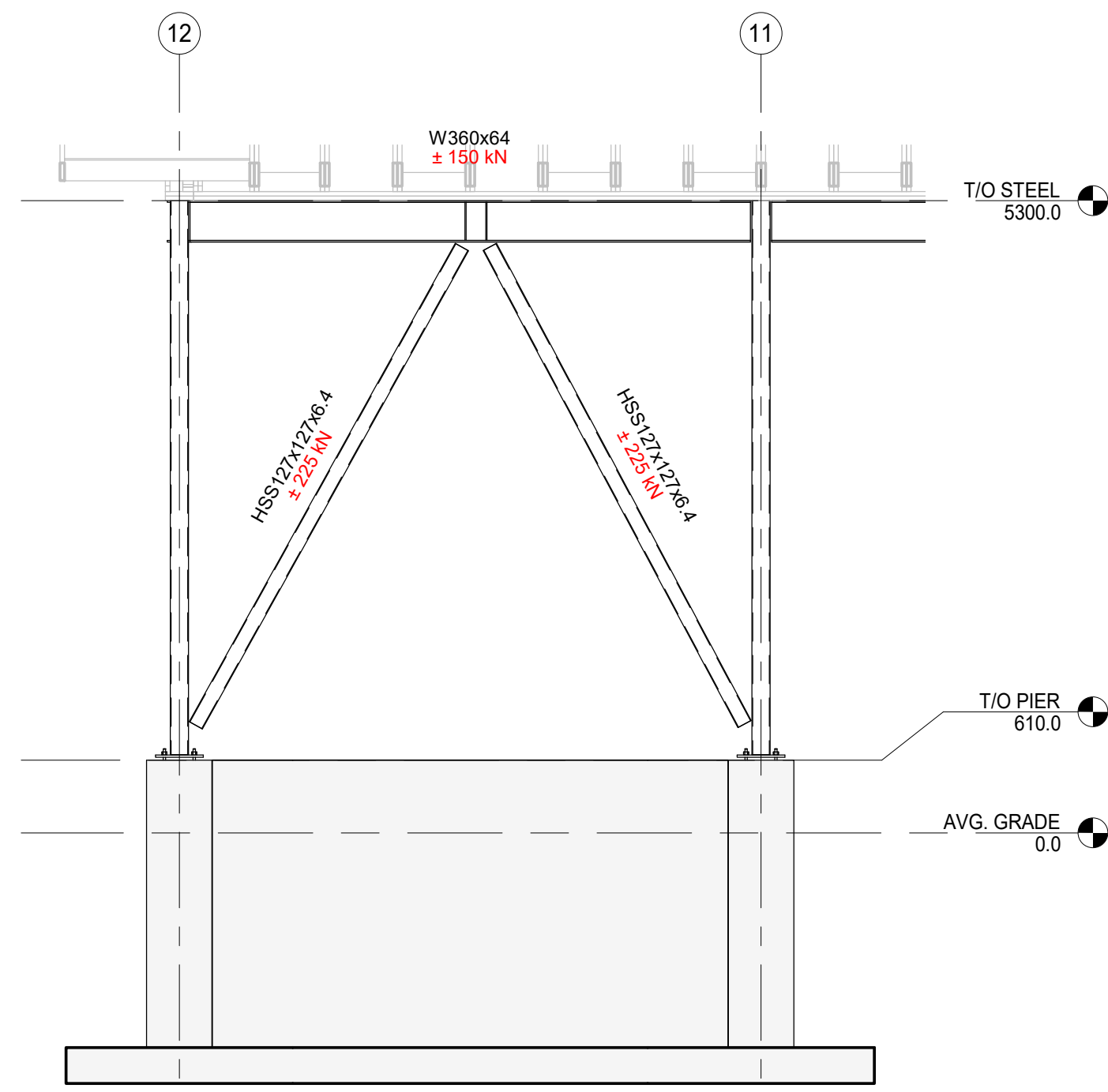
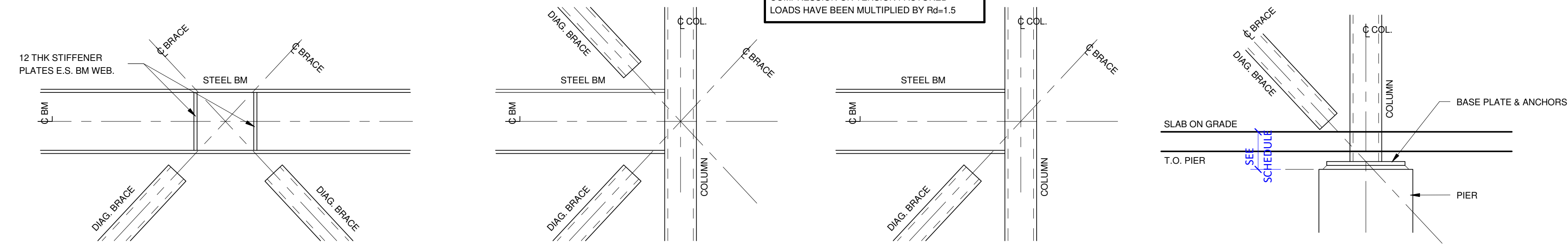
DRAWING TITLE  
**ROOF PLAN**

DRAWN A.M.	REVIEWED D.A.H.	SCALE As indicated
ENGINEERS SEAL 		PROJECT No. 24-026
		SHEET No. <b>S3</b>
		REVISION No. 1

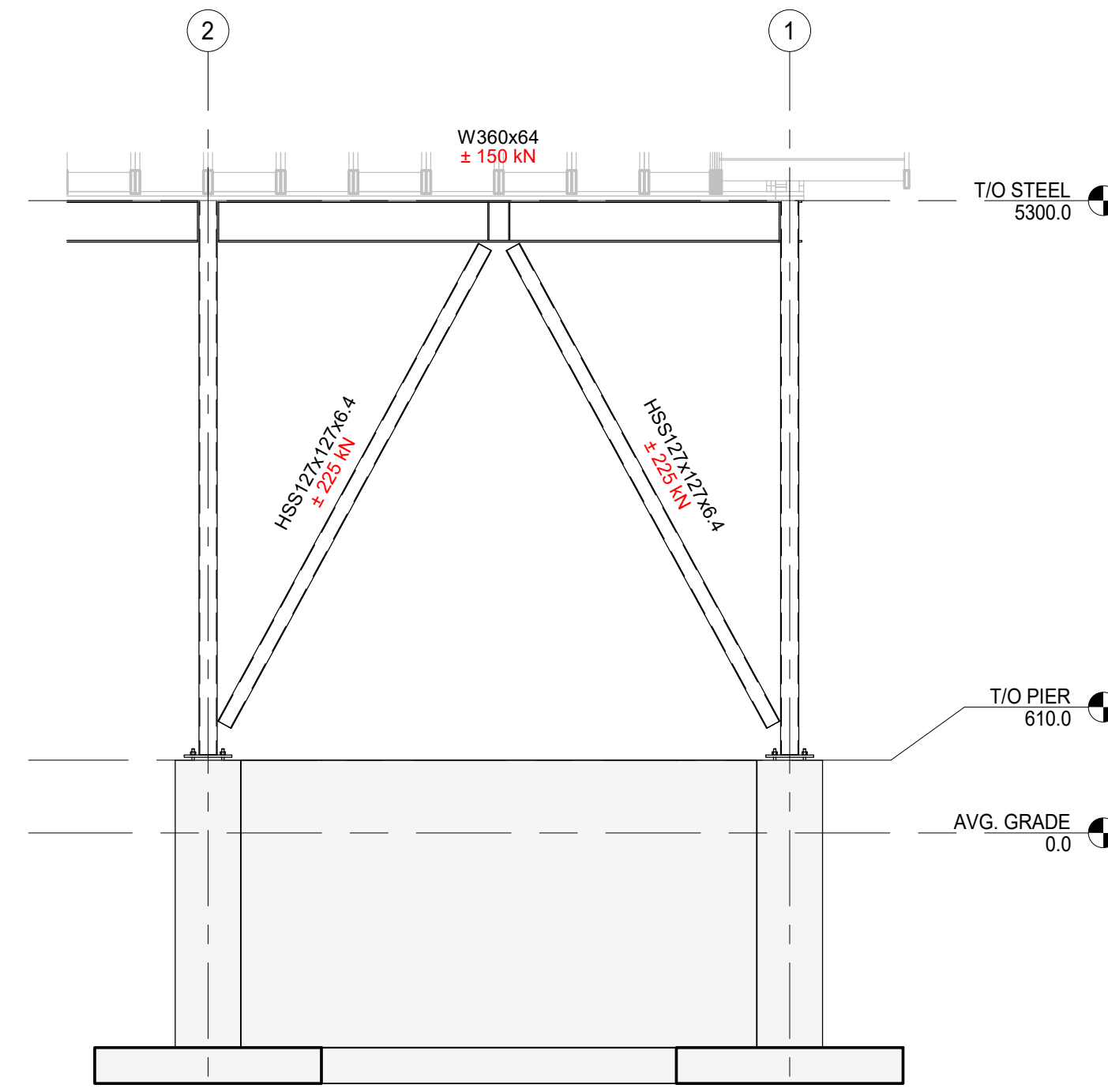


**TYPICAL DETAILS @ DIAGONAL BRACE INTERSECTIONS**

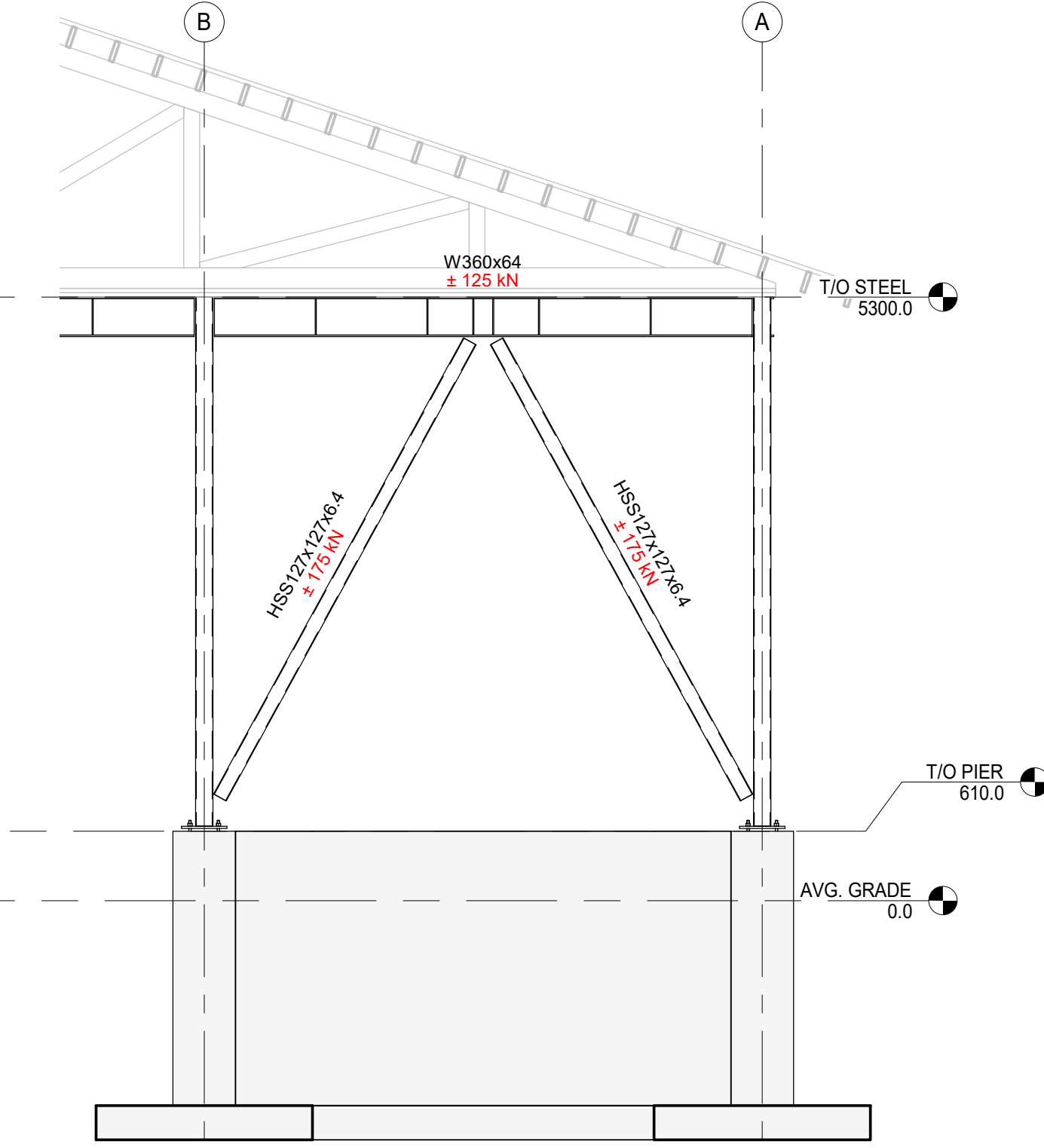
**NOTE:**  
COMPRESSION OR TENSION FACTORED  
LOADS HAVE BEEN MULTIPLIED BY Rd=1.5



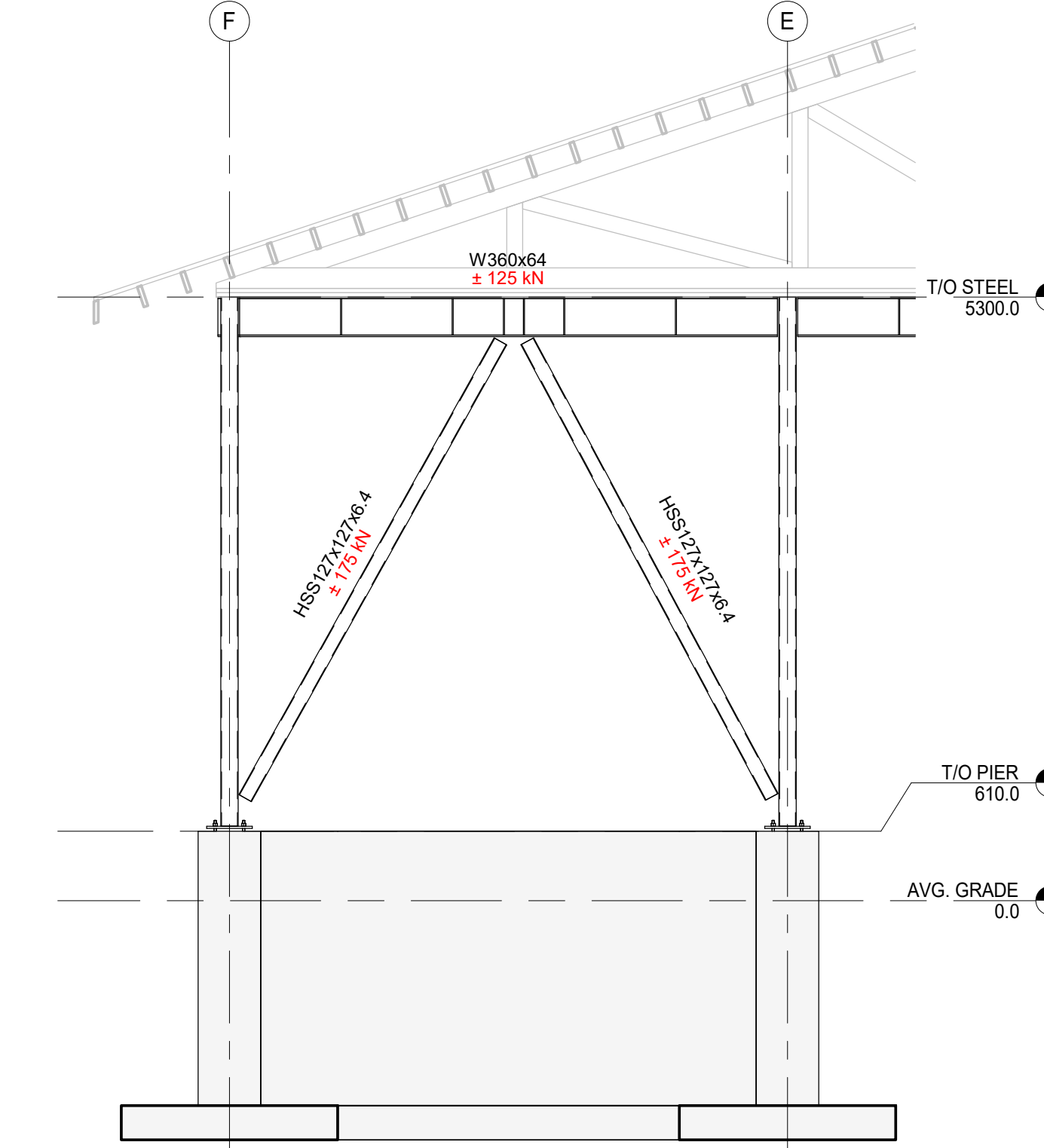
**BF-5**  
BRACE FRAME ELEVATION  
1 : 50



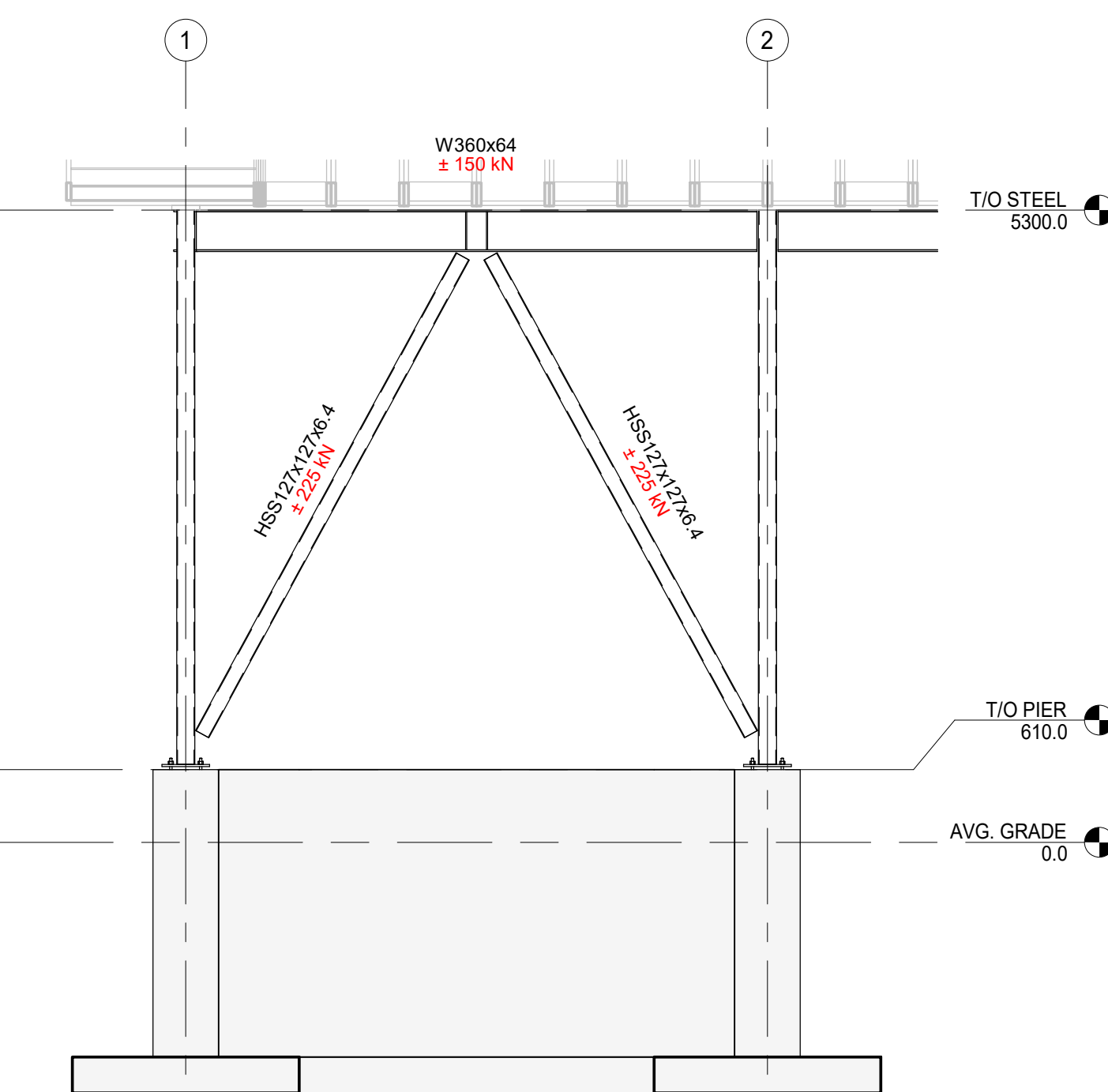
**BF-6**  
BRACE FRAME ELEVATION  
1 : 50



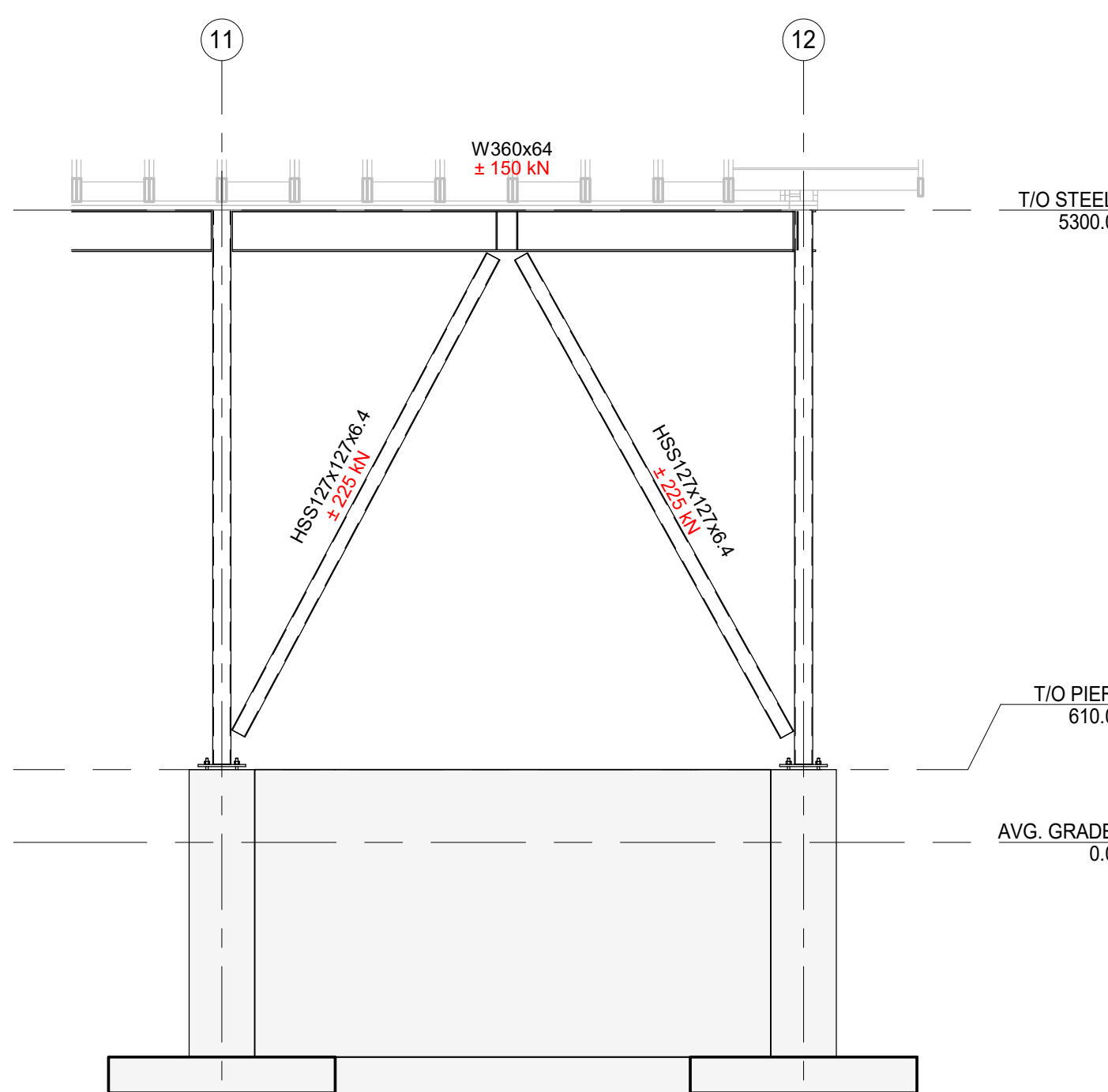
**BF-7**  
BRACE FRAME ELEVATION  
1 : 50



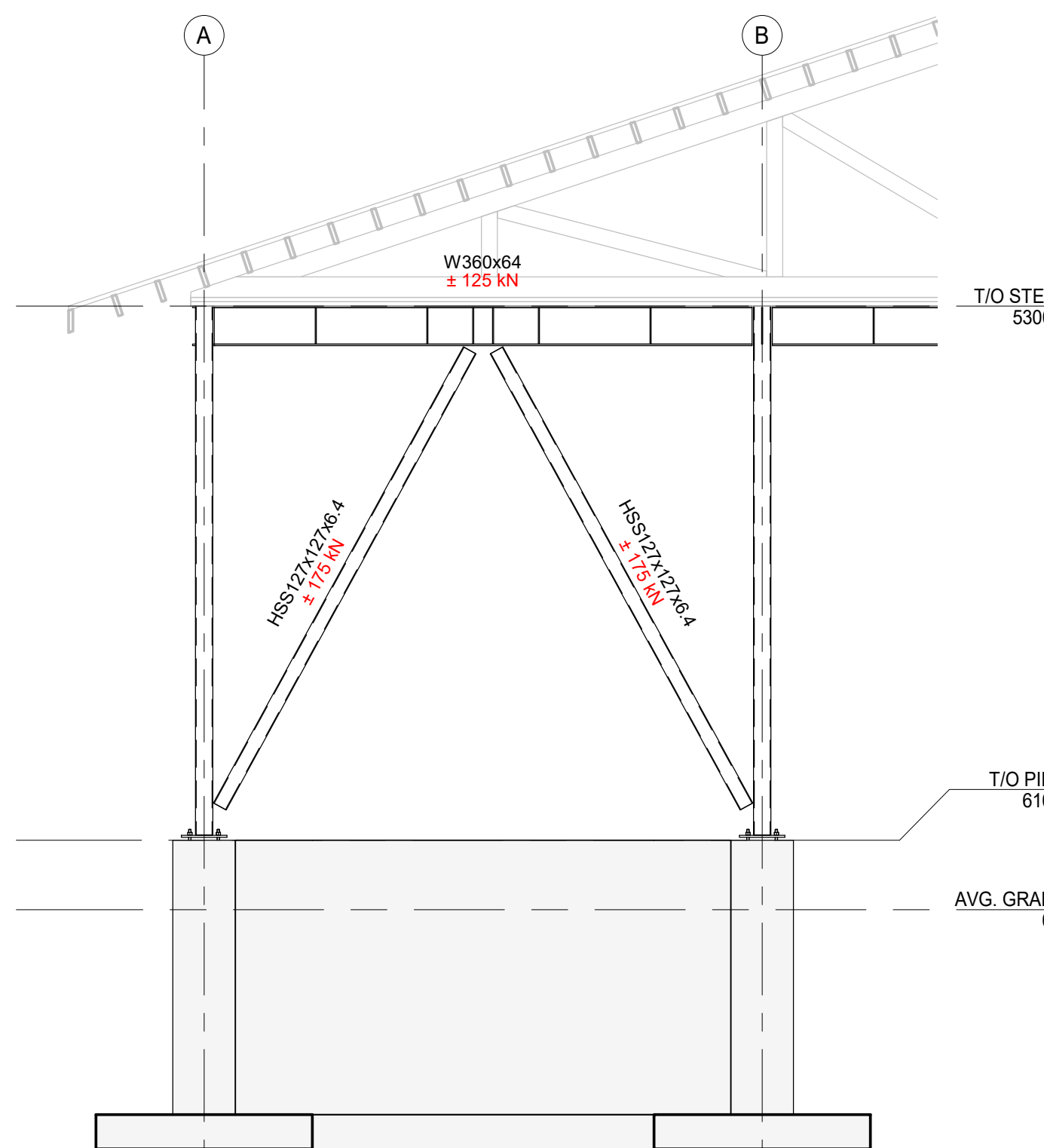
**BF-8**  
BRACE FRAME ELEVATION  
1 : 50



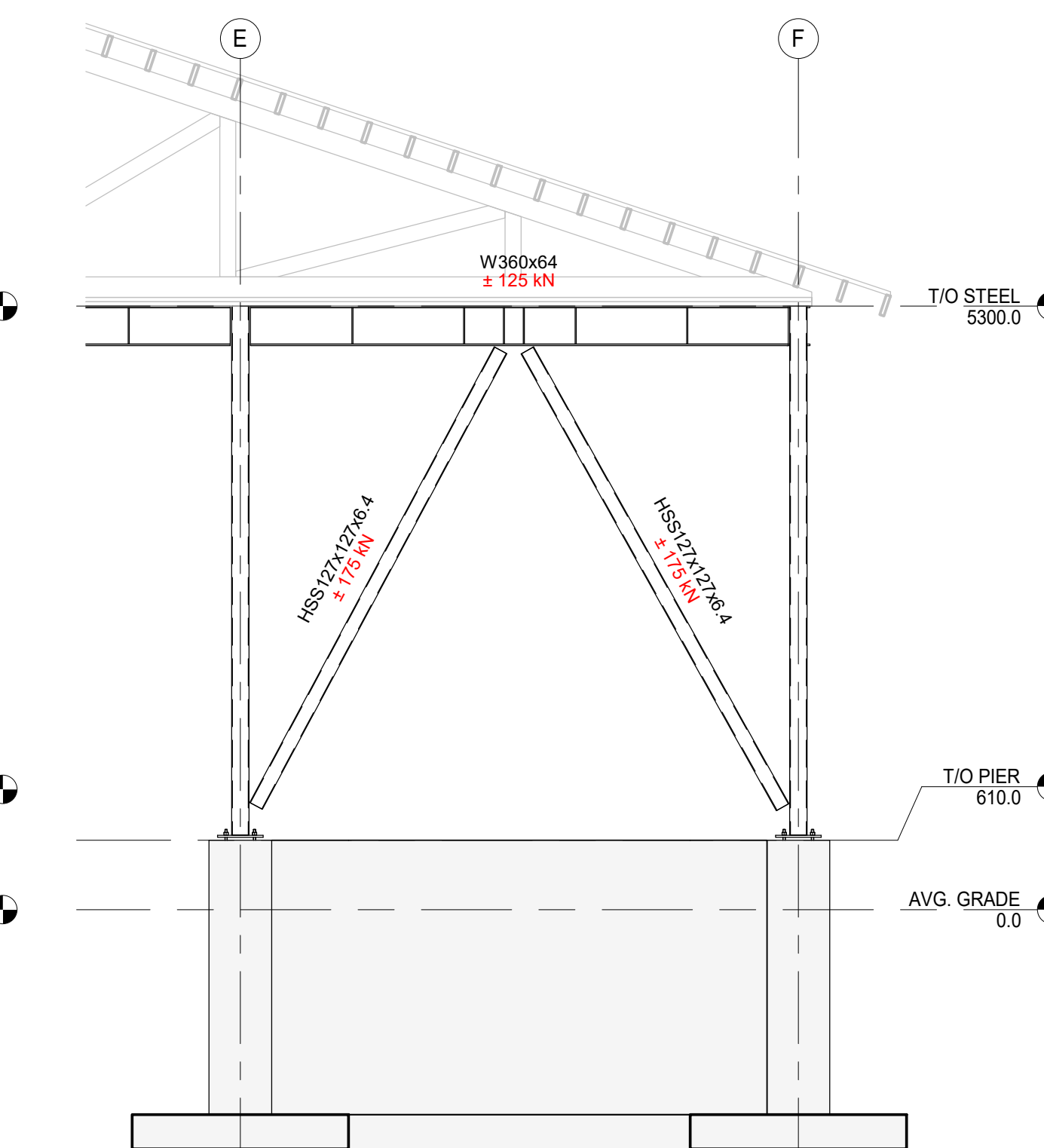
**BF-1**  
BRACE FRAME ELEVATION  
1 : 50



**BF-2**  
BRACE FRAME ELEVATION  
1 : 50



**BF-3**  
BRACE FRAME ELEVATION  
1 : 50



**BF-4**  
BRACE FRAME ELEVATION  
1 : 50

No.	Revision Description	Date
1	ISSUED FOR PERMIT	2024-03-15

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DRAWING TITLE  
**BRACE FRAME ELEVATIONS**

DRAWN	REVIEWED	SCALE
A.M.	D.A.H.	As indicated

ENGINEERS SEAL  
PROJECT No.  
**24-026**

2024-03-15  
D.A. HARDING  
100194371  
REGISTERED PROFESSIONAL ENGINEER  
S4  
REVISION No. 1



