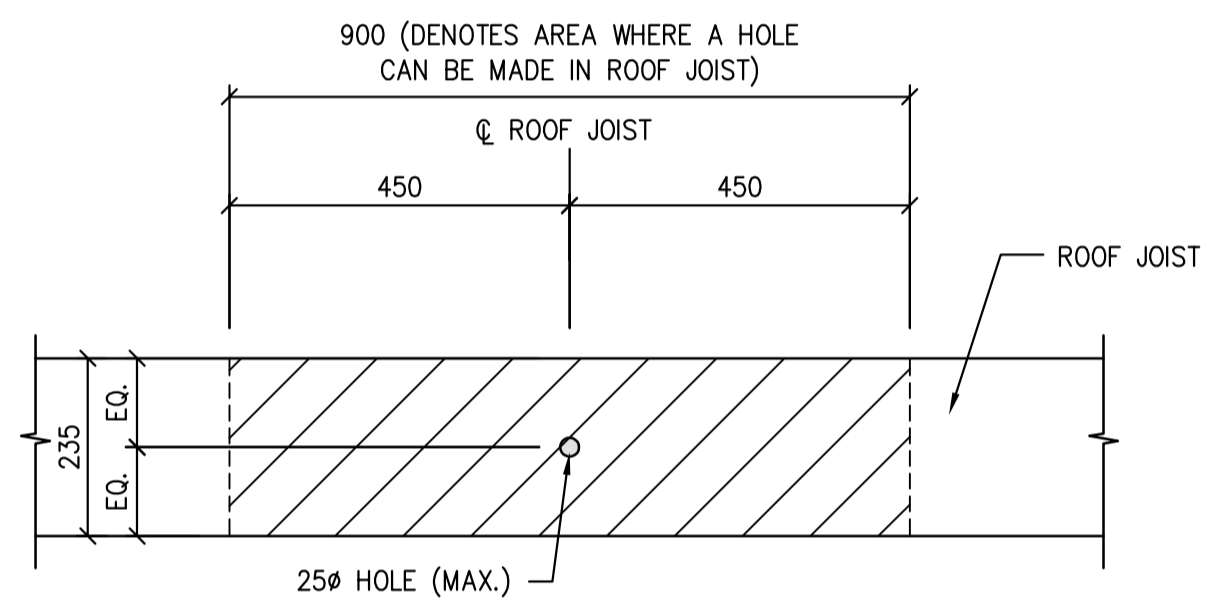


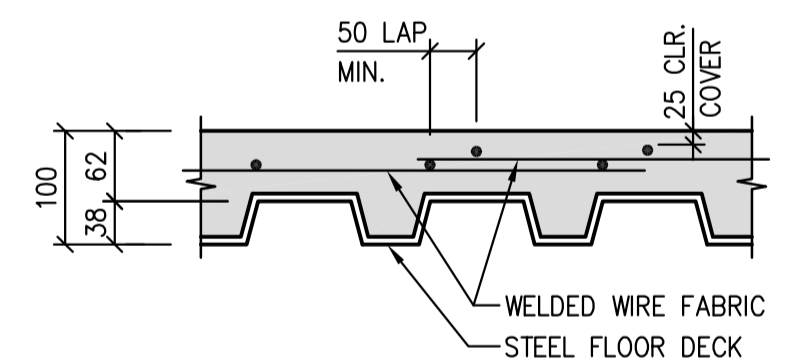
- NOTES:
- SEE BUILDING SUPPLIER'S DRAWINGS FOR STEEL GRADE, NUMBER, LOCATION AND DIAMETER OF ANCHOR BOLTS.
 - THREADS TO BE EXCLUDED FROM SHEAR PLANE UNLESS APPROVED OTHERWISE BY BUILDING SUPPLIER.

A TYP. ANCHOR BOLT DETAIL
NTS

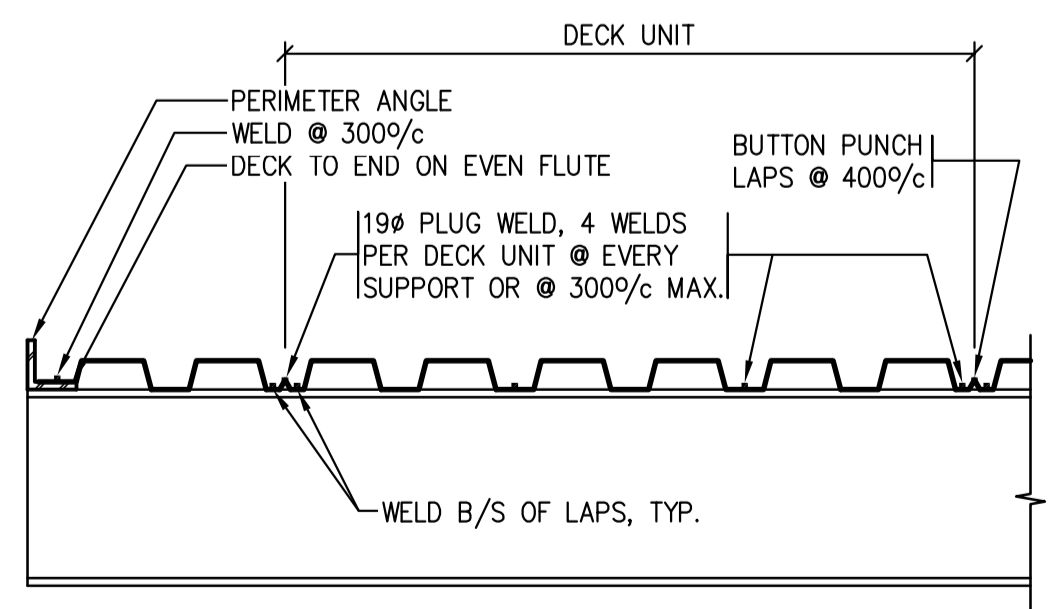


B TYP. DETAIL FOR UTILITY HOLES THROUGH ROOF JOISTS
NTS

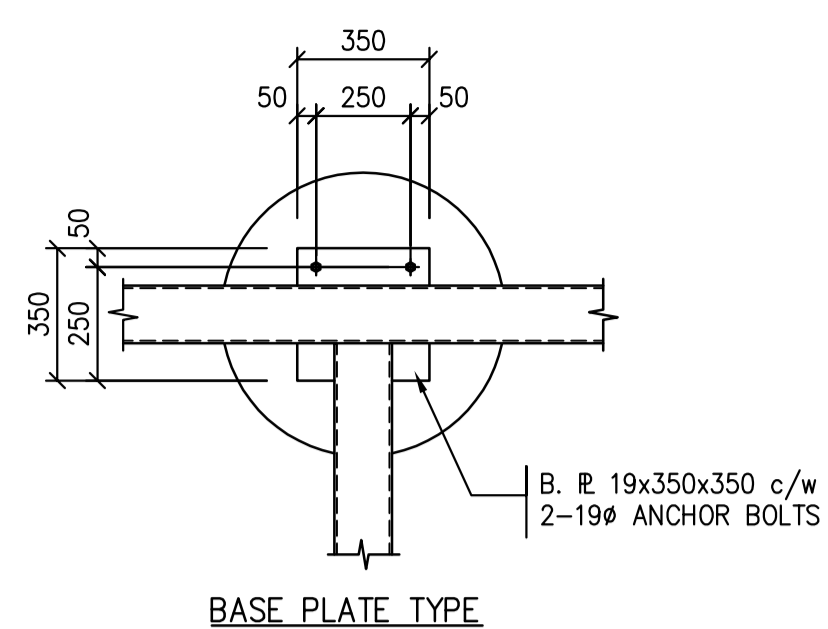
TYPICAL CONCRETE SLAB-ON-DECK
 TOP OF CONCRETE SLAB @ ELEV. 100 000 U.N.O.
 100 CONCRETE SLAB-ON-DECK
 38mm x 0.76mm HI-BOND STEEL FLOOR DECK
 DECK OVER CRAWL SPACES TO Z275 STANDARD
 ALL OTHER AREAS TO BE ZF075 STANDARD
 (ZINC WIPE COAT GALVANIZED) U.N.O.
 REINF. CONC. WITH 152x152xMW25.8xMW25.8WWF



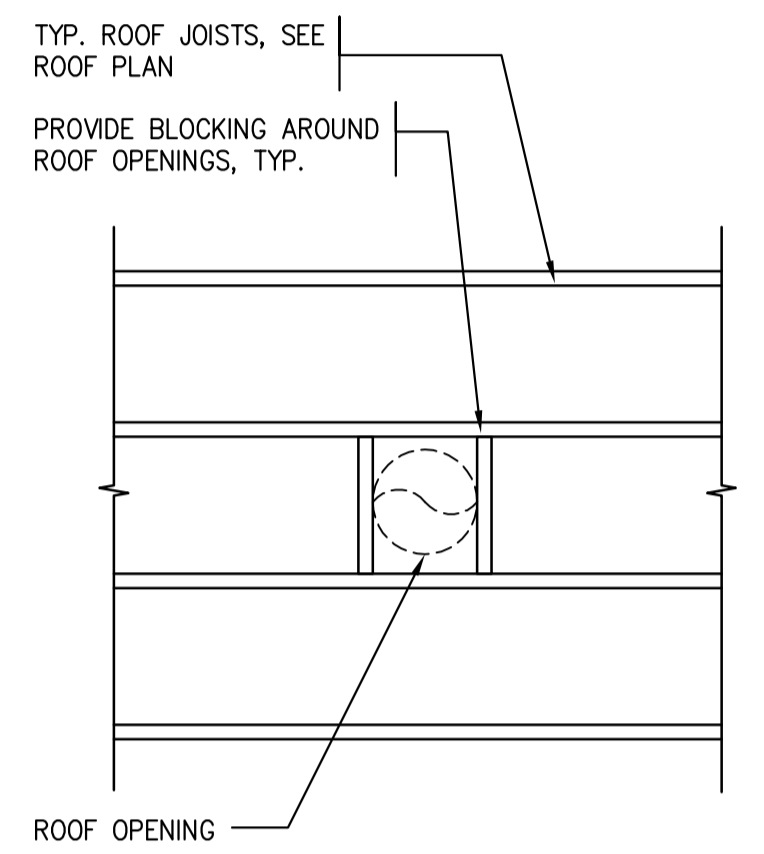
C 100 CONC. SLAB ON DECK DETAIL
NTS



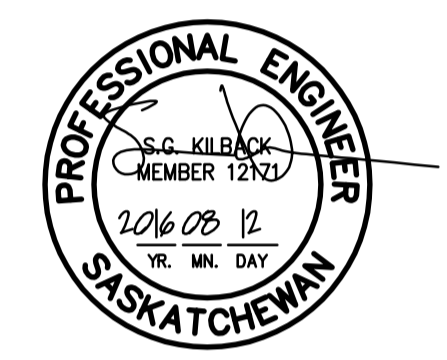
ALL WELDS TO BE 19# PLUG WELDS, TOUCH UP GALVANIZING
D TYP. FLOOR DECK WELDING DETAILS
NTS



E BASE PLATE DETAILS
NTS



E TYP. ROOF OPENING DETAIL
NTS
NOTE: DETAIL FOR OPENINGS 400# OR SMALLER



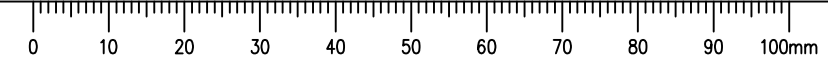
Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
 BROWNLEE BEATON KREKE (REGINA) LTD.
 NUMBER 525
 PERMISSION TO CONSULT HELD BY:
 DISCIPLINE SASK. REG. NO. SIGNATURE
 STRUCTURAL 12171 SCK

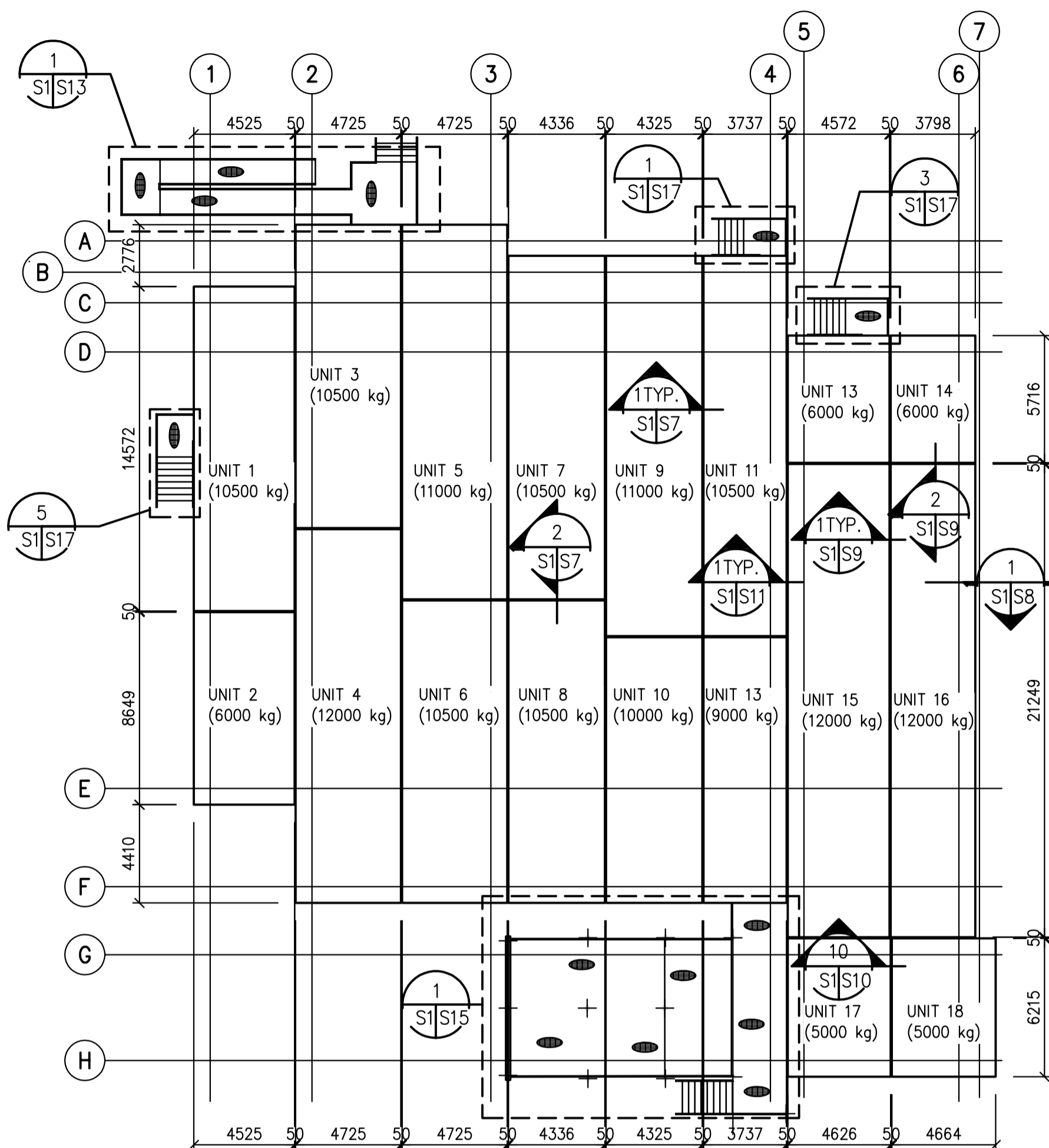
Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approve par
 Designed by/Concept par
 Drawn by/Dessine par
 Project Manager/Administrateur de Projets
 Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'Ingénierie
 Client/client
 Drawing title/Titre du dessin

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S0	0

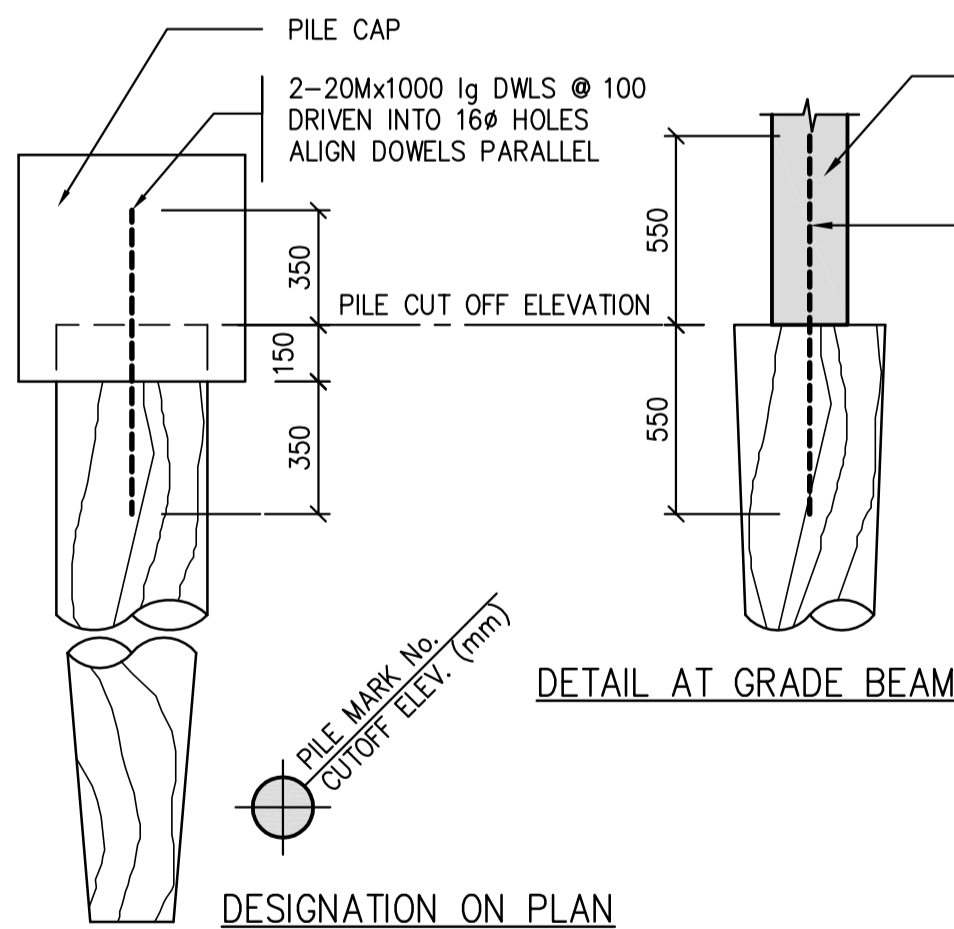




KEY PLAN
1:200

NOTES:

1. SHIPPING WEIGHTS INDICATED REPRESENTS STRUCTURAL COMPONENTS INDICATED. THE PARTITION WALLS, FINISHES, EQUIPMENT, ETC. ARE IN ADDITION TO LOADS SHOWN.
2. ALL DIMENSIONS ARE TO F/O SHEATHING.

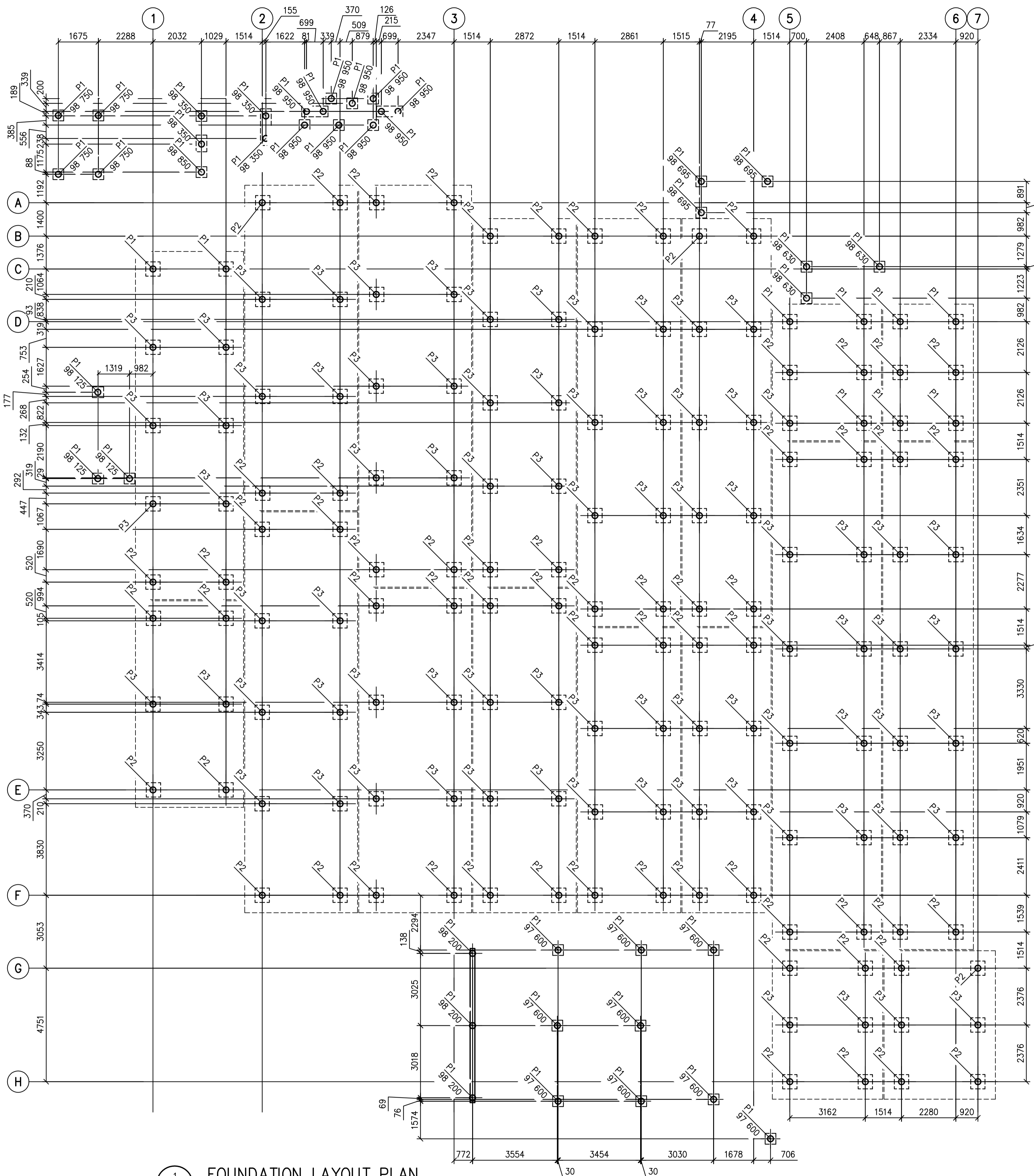


PILE DESIGN CRITERIA	
PILE DESIGN CRITERIA TAKEN FROM GEOTECHNICAL REPORT PREPARED BY CLIFTON AND ASSOCIATES, FILE No. S2068, DATED 30 JAN. 2015.	
DEPTH BELOW GRADE (M)	SKIN FRICTION (KPa)
0 - 2M	NEGLECT
2M - 7M	24KPa
BELOW 7M	44KPa

NOTES:

1. ALL PILES TO BE CUT OFF @ EL. 97 906 UNLESS NOTED OTHERWISE ON PLAN.
2. ALL PILES CENTERED UNDER GRADE BEAMS AND WALLS.
3. ALL PILES TO BE DRIVEN TIMBER, MINIMUM SIZE AS DETAILED.
4. ALL PILES TO BE LODGEPOLE PINE OR BETTER TO CSA 056-M79. ALL PILES PRESSURE TREATED TO CSA 080-M83.
5. PILE CONTRACTOR TO KEEP CONTINUOUS DRIVING RECORD TO VERIFY PILE CAPACITIES.
6. MONITOR ELEVATIONS OF INSTALLED PILES TO EVALUATE PILE HEAVE. RE-DRIVE HEAVED PILES.
7. ALL PILES TO BE DRIVEN TO SPECIFIED LENGTH OR PRACTICAL REFUSAL, WHICHEVER COMES FIRST.
8. REFUSAL CRITERIA FOR No. 30 PILES TO BE 50mm ADVANCEMENT UNDER LAST 10 BLOWS USING HAMMER ENERGY OF 22,000 ft-lbs ENERGY.

2 DRIVEN TIMBER PILE DETAIL
NTS



1 FOUNDATION LAYOUT PLAN
1:100



Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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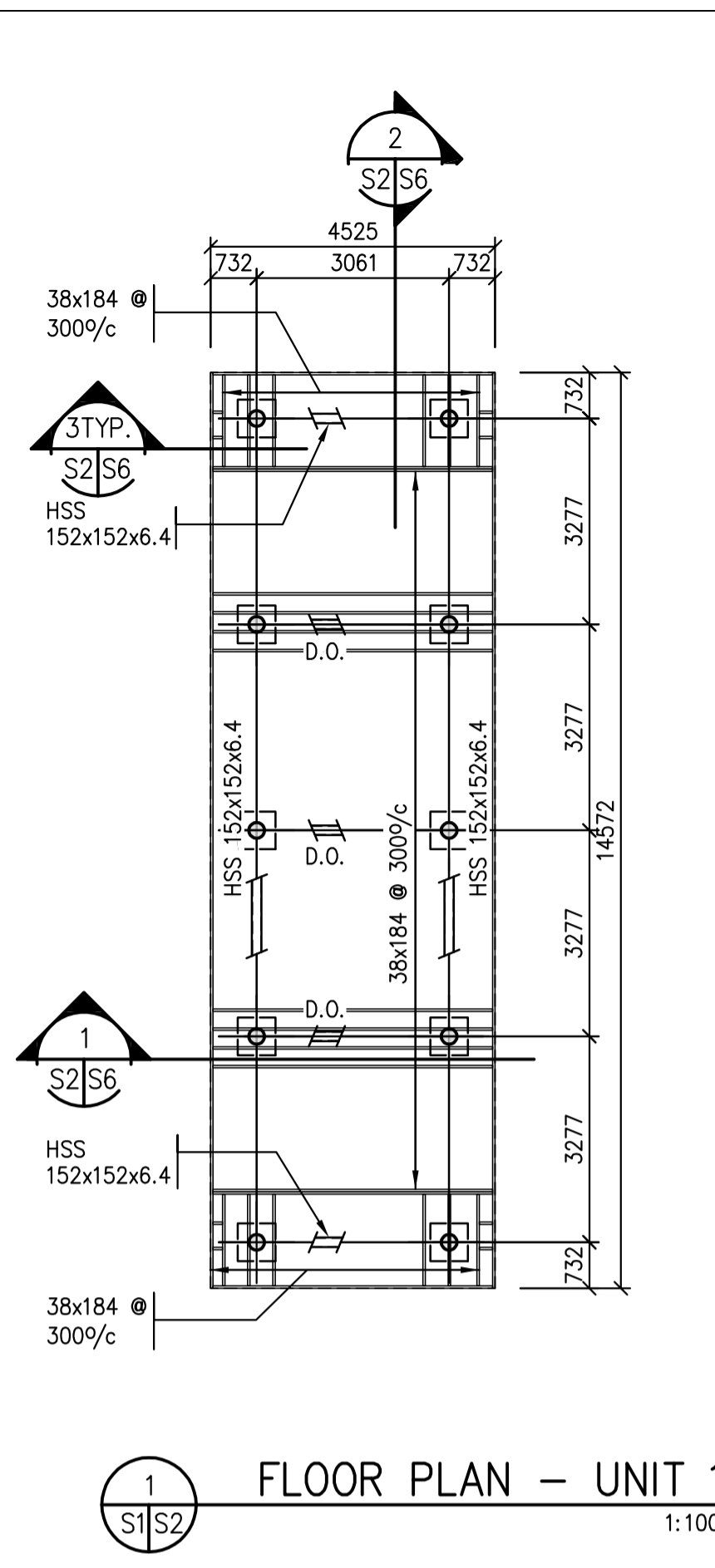
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Client/client

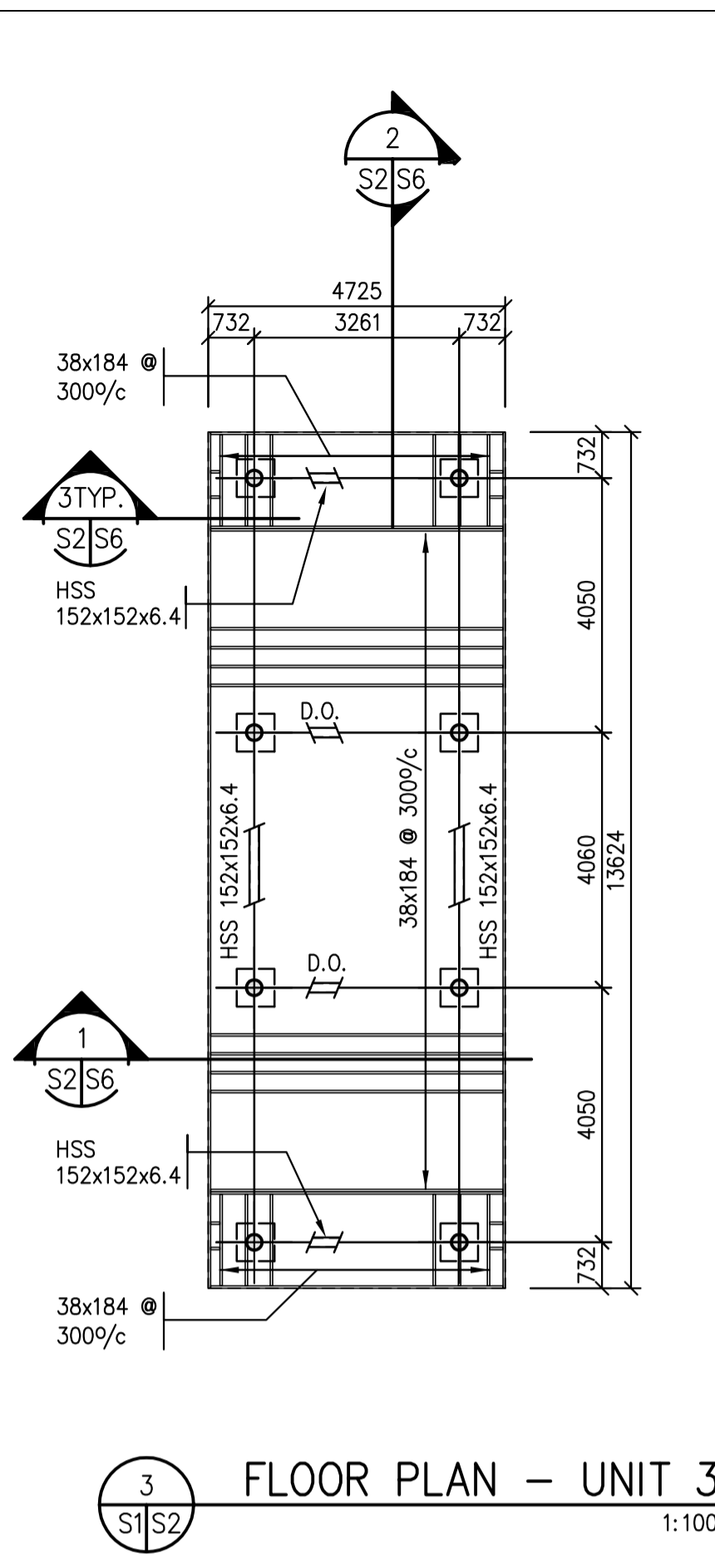
Drawing title/Titre du dessin

KEY PLAN
PILE PLAN

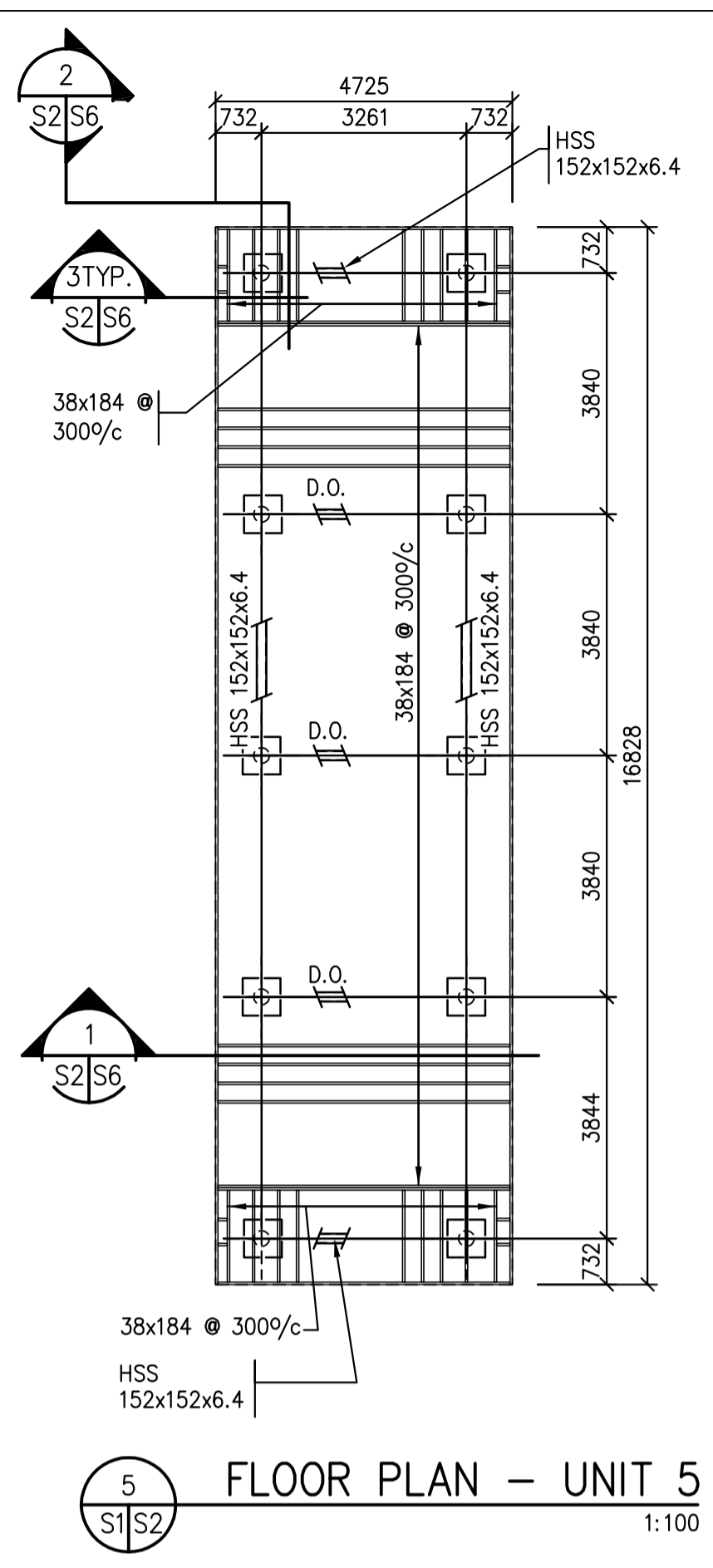
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S1	0



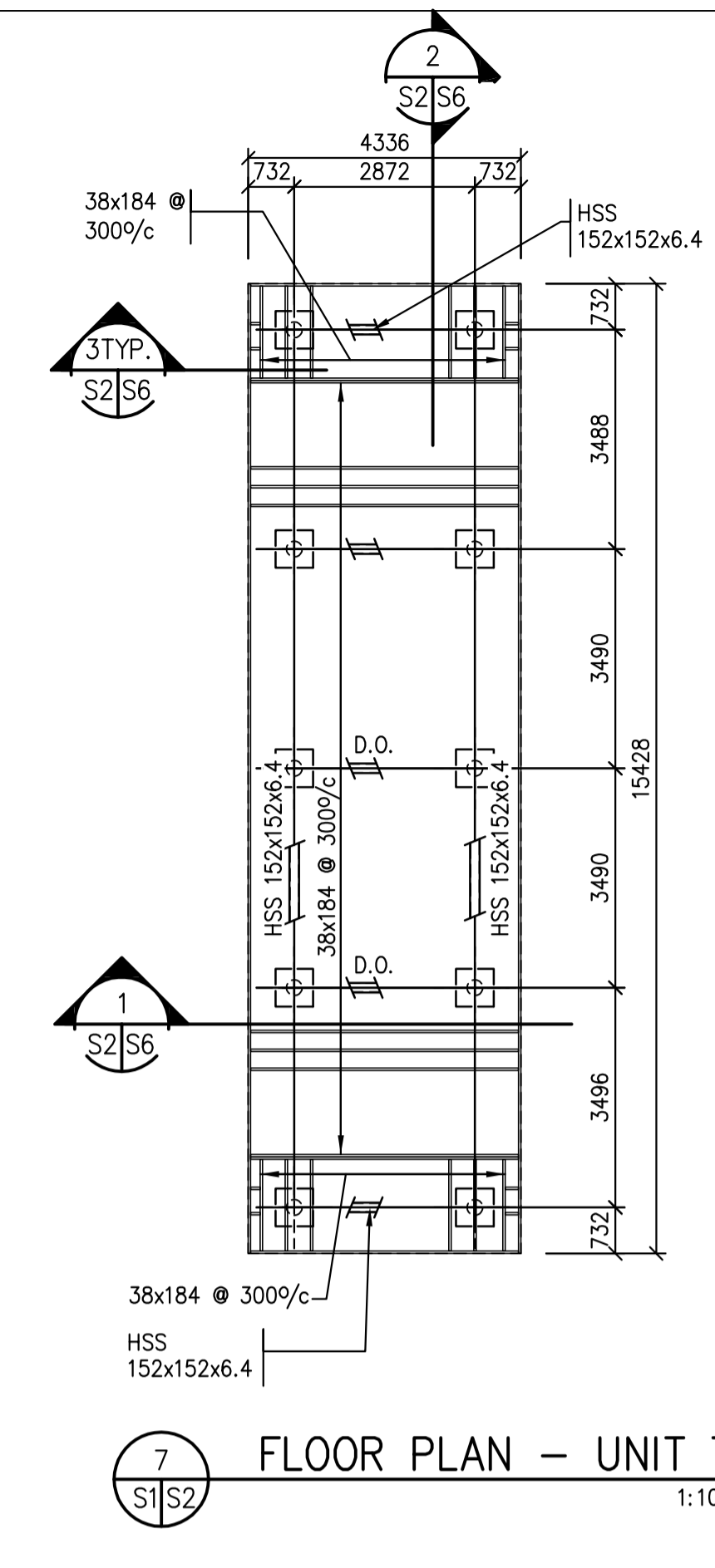
1 FLOOR PLAN - UNIT 1
1:100



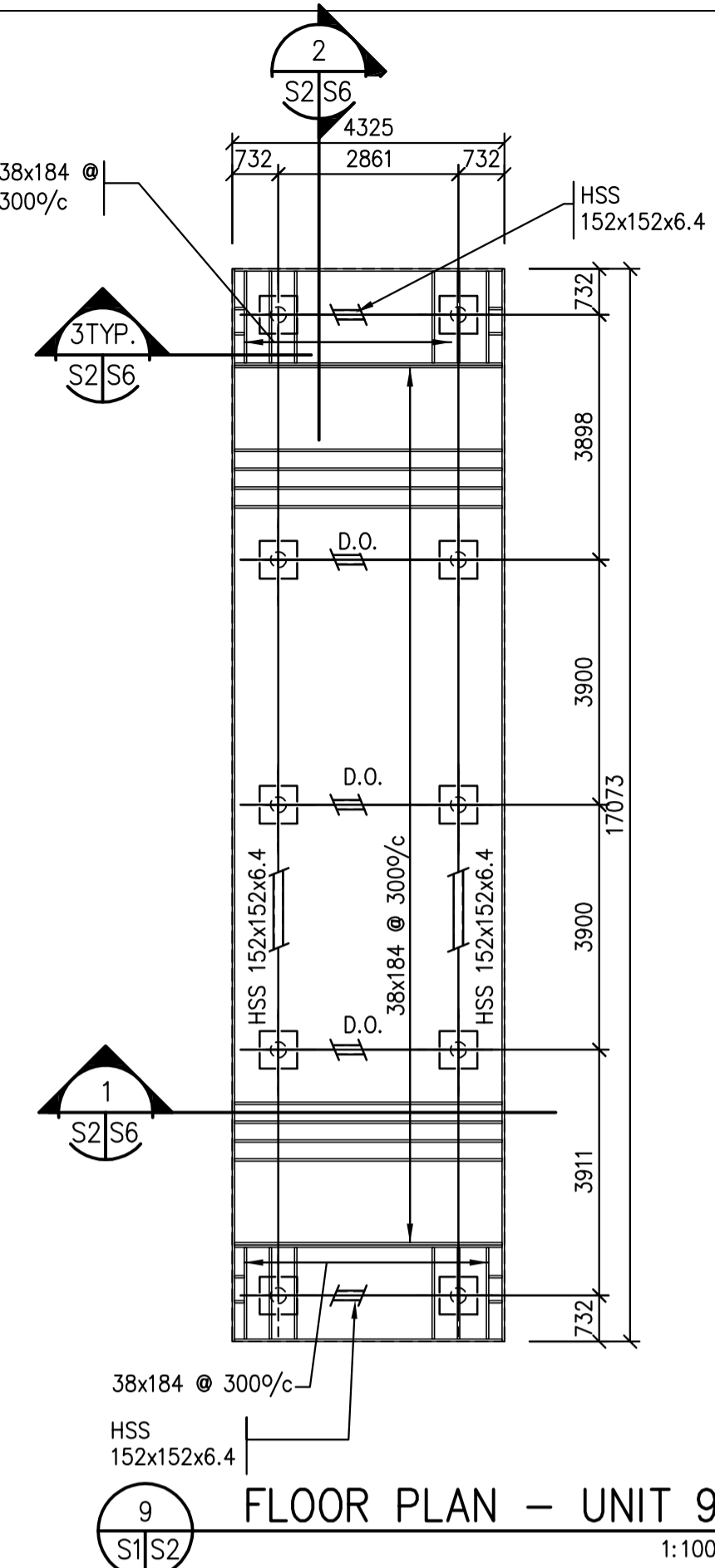
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1:100



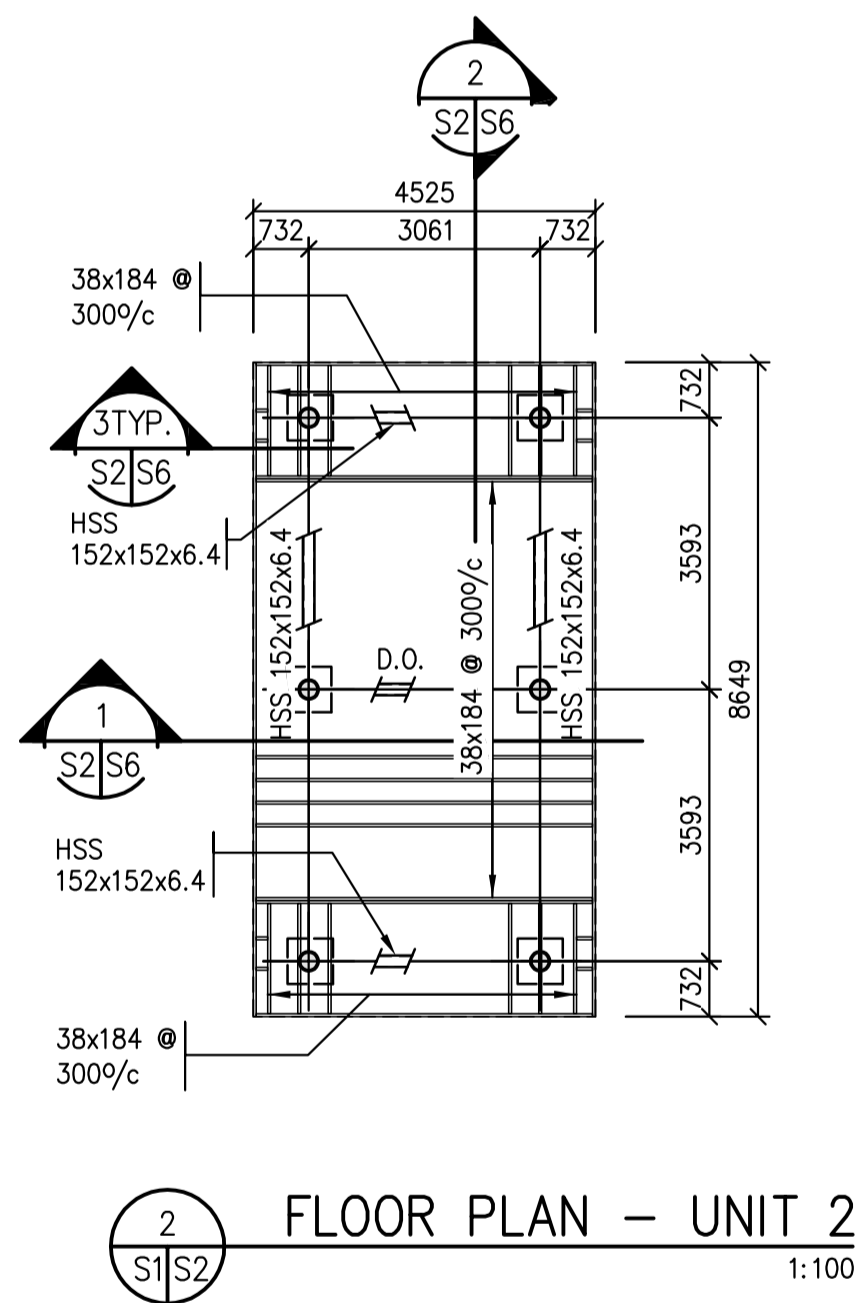
5 FLOOR PLAN - UNIT 5
1:100



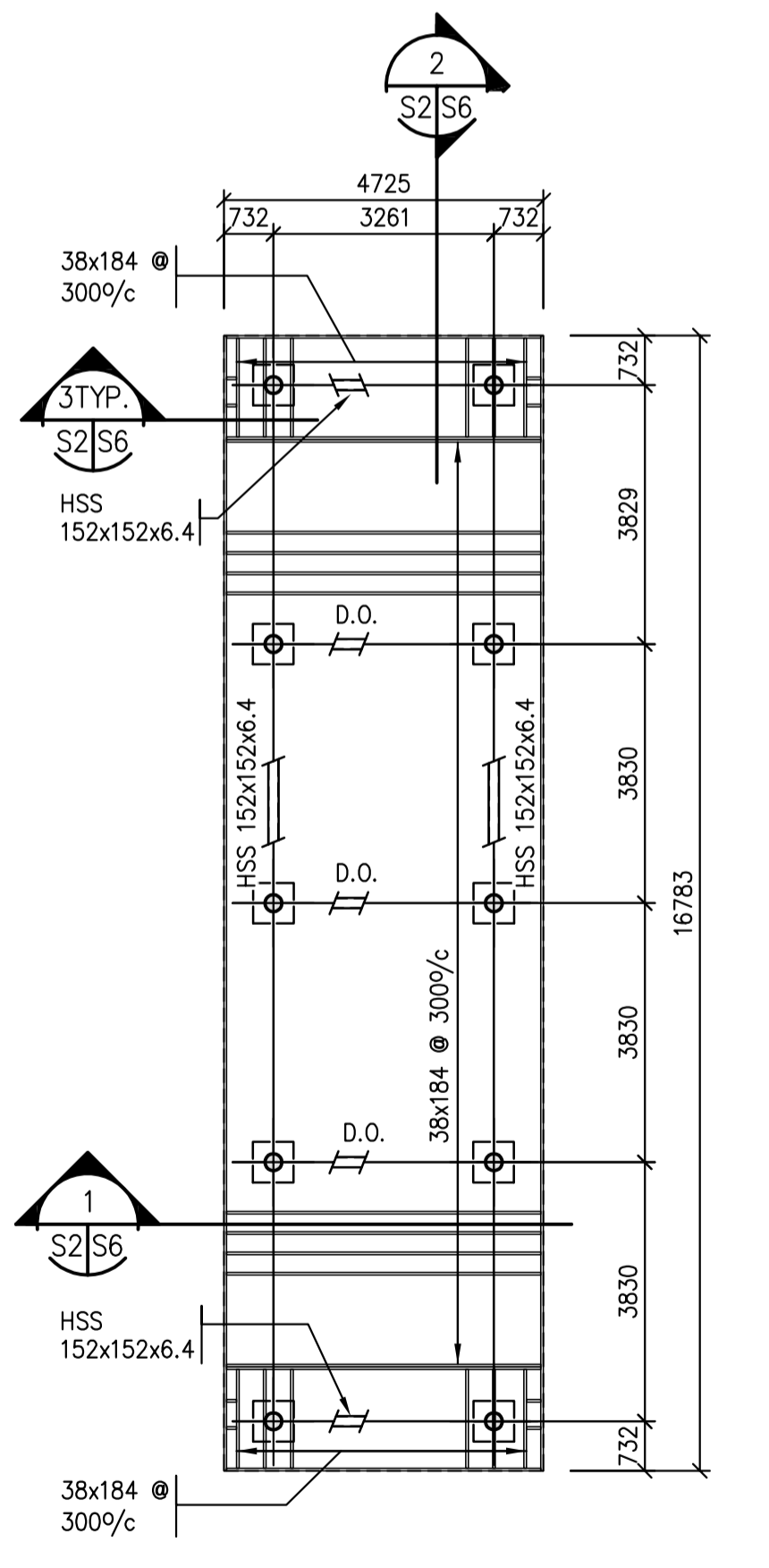
7 FLOOR PLAN - UNIT 7
1:100



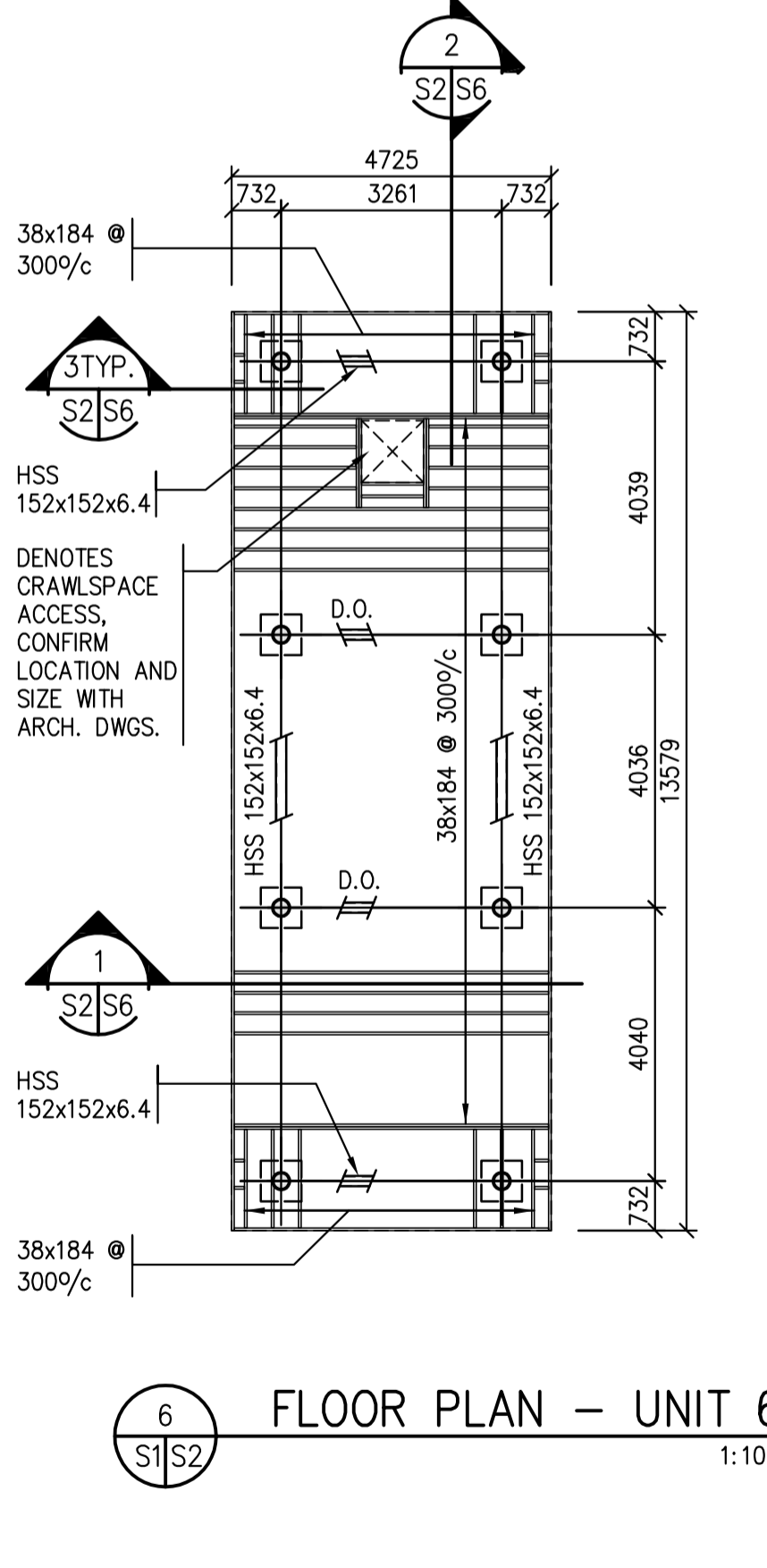
9 FLOOR PLAN - UNIT 9
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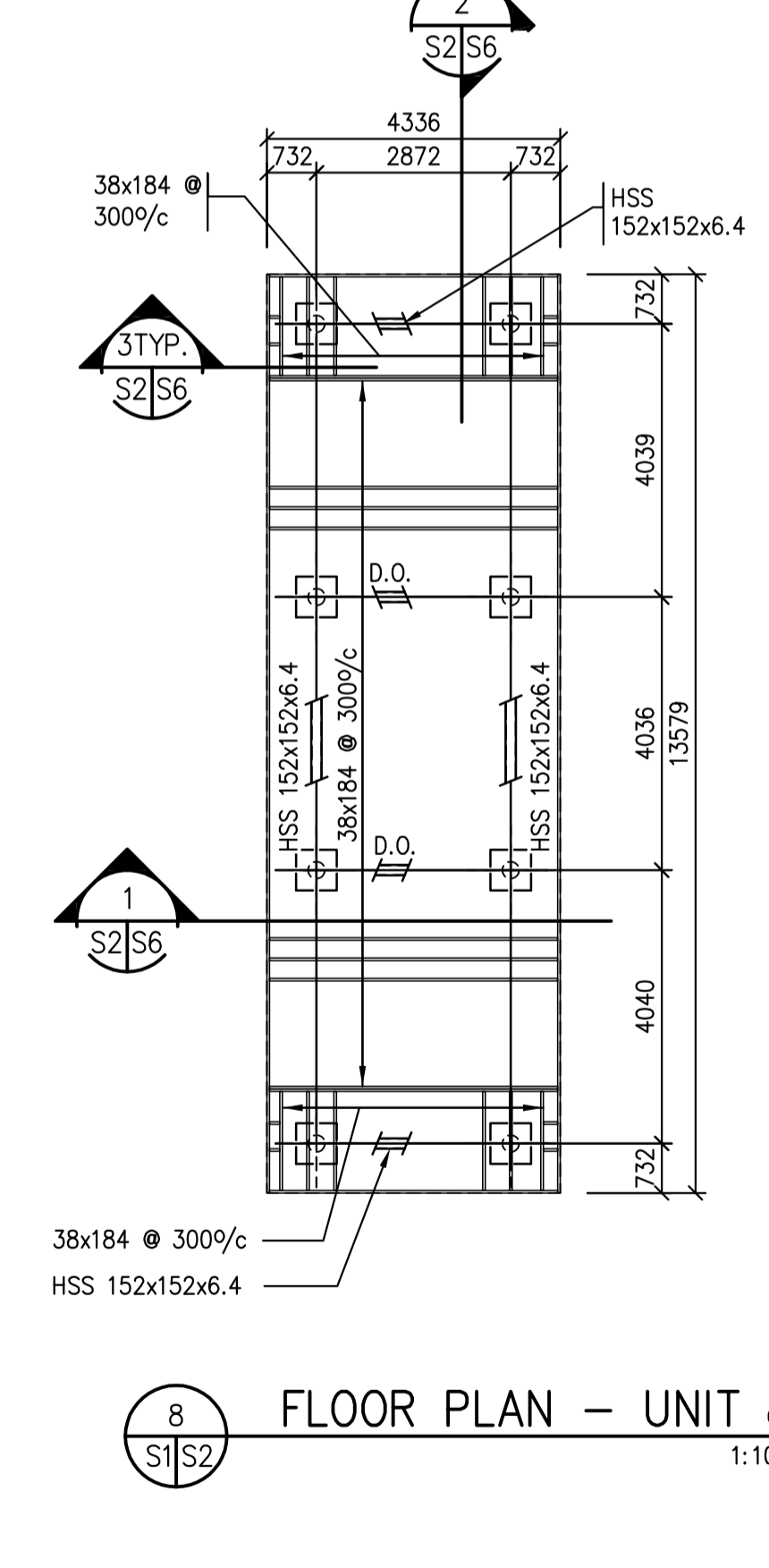
2 FLOOR PLAN - UNIT 2
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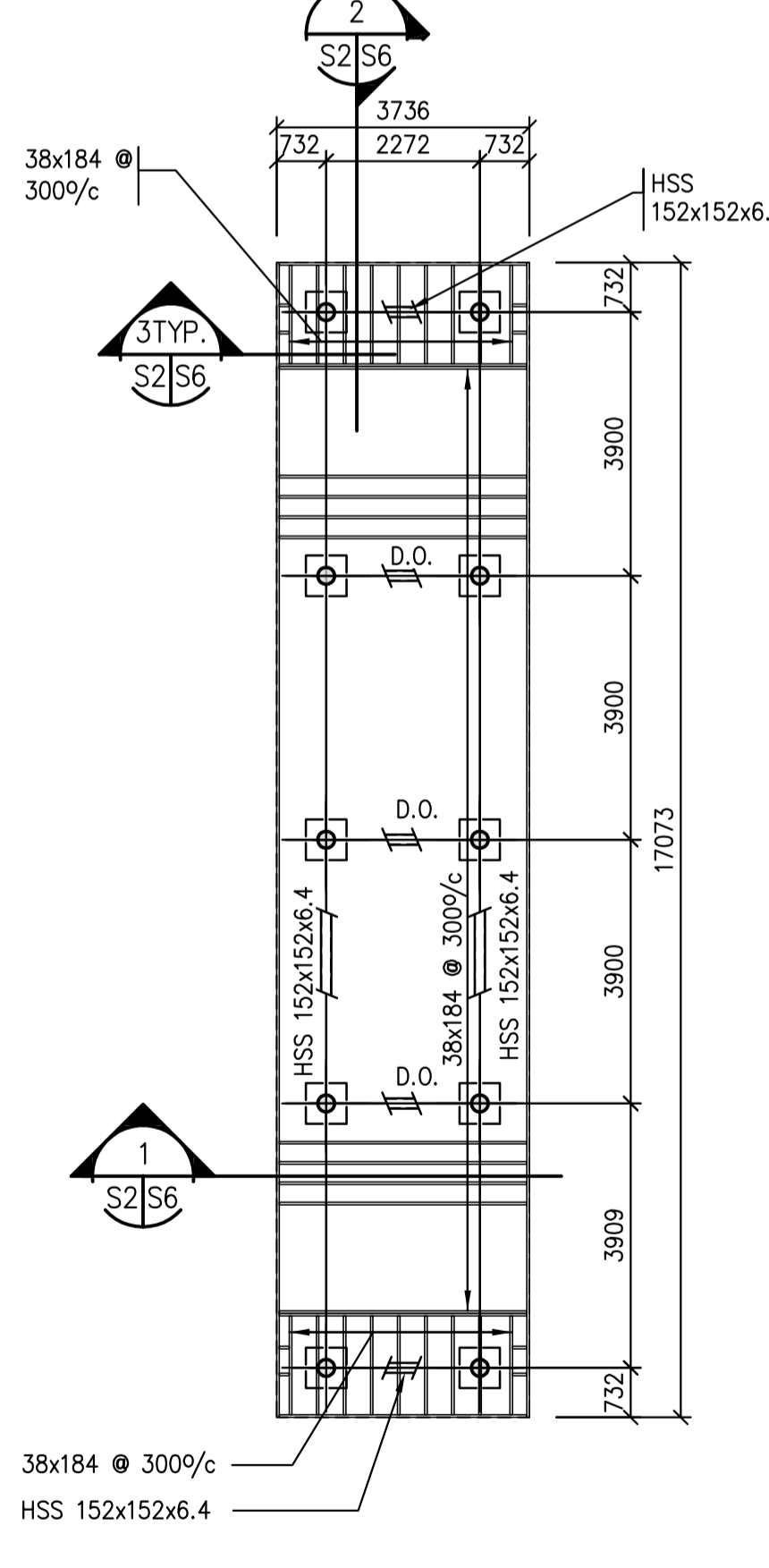
4 FLOOR PLAN - UNIT 4
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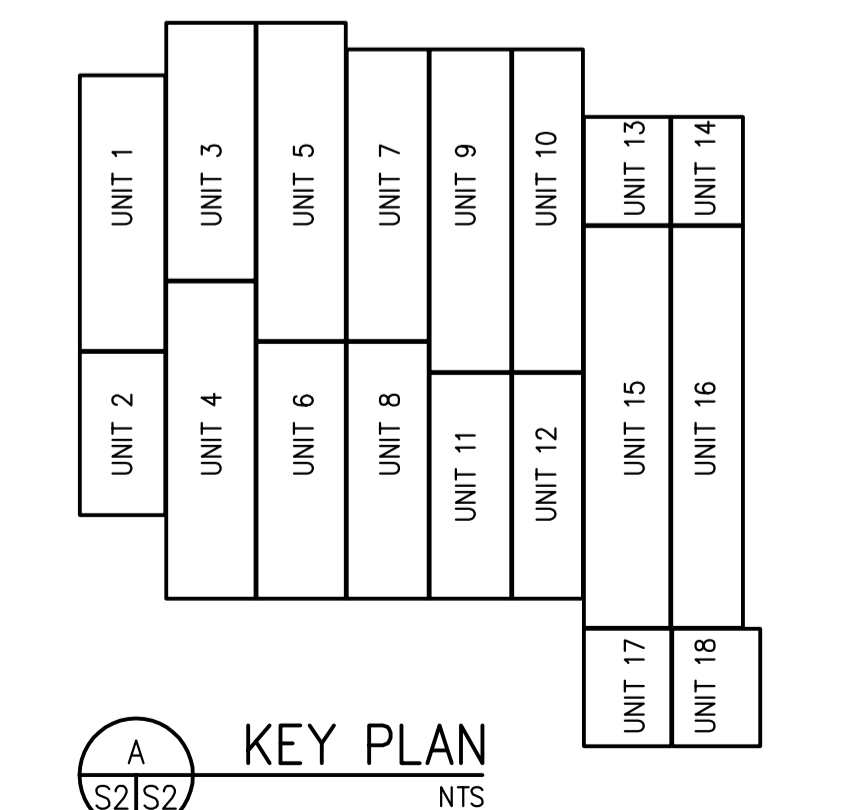
6 FLOOR PLAN - UNIT 6
1:100



8 FLOOR PLAN - UNIT 8
1:100



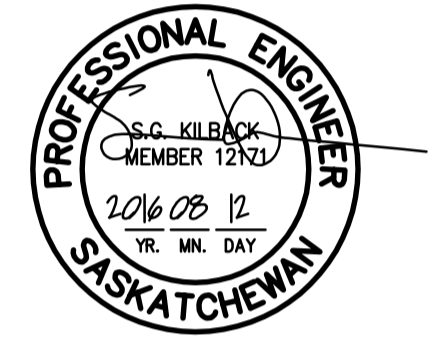
10 FLOOR PLAN - UNIT 10
1:100



A KEY PLAN
NTS

NOTES APPLY TO UNITS 1-12, 15-18/S2 & S3:

- FLOOR CONSTRUCTION TO BE:
13mm T&G SHEATHING (GLUED AND NAILED)
19mm T&G SHEATHING (GLUED AND NAILED)
38x184 FLOOR JOISTS AS NOTED ON PLAN. (MAX. SPACING 400 c/c.)
CO-ORDINATE AND ADJUST SPACING OF Q.W.W.J. TO SUIT ALL NON-MOVEABLE PLUMBING FIXTURE DRAIN AND STACK LOCATIONS. (ie. WATER CLOSETS, TUBS, ETC.)
- T/O MAIN FLOOR SUBFLOOR @ ELEVATION 100 000
- FLOOR DESIGN LOADS (SUPERIMPOSED)
LIVE LOAD (SHADED AREAS) = 4.8 KPa
DEAD LOAD = 0.75 KPa
- PROVIDE VERTICAL GRAIN SOLID BLOCKING BELOW ALL B.U. WOOD COLUMNS, SIZE TO MATCH COLUMN.
- PROVIDE DOUBLE JOIST AT BUILT UP COLUMNS SUPPORTING OPENINGS GREATER THAN 1830.
- PROVIDE LAMINATED JOISTS AT BUILT UP COLUMNS SUPPORTING OPENING GREATER THAN 3000 TO MATCH WIDTH OF BUILT UP COLUMN, SEE DETAIL A/S5.



Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

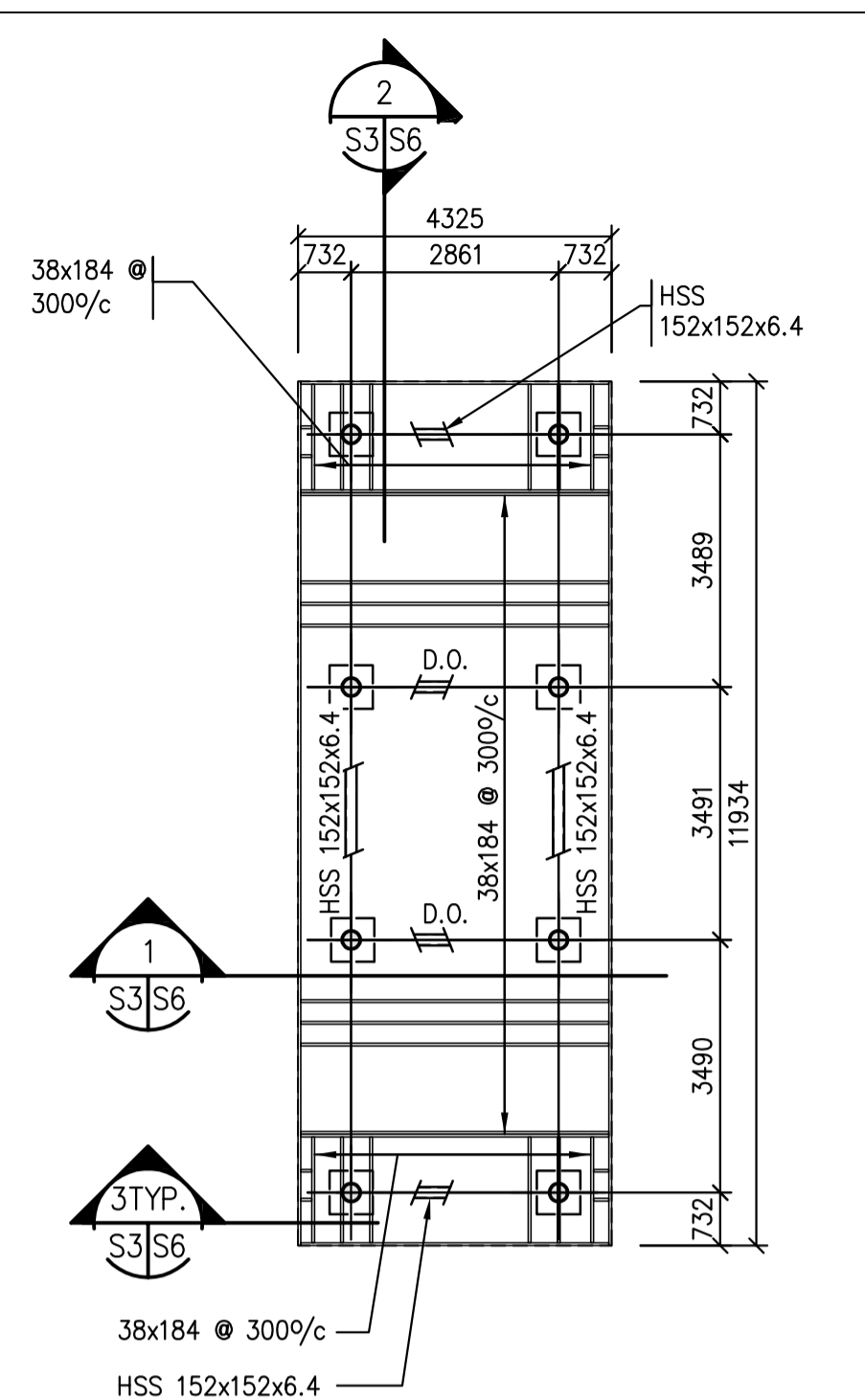
Project title/Titre du projet
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approve par
Designed by/Concept par
Drawn by/Dessine par
Project Manager/Administrateur de Projets

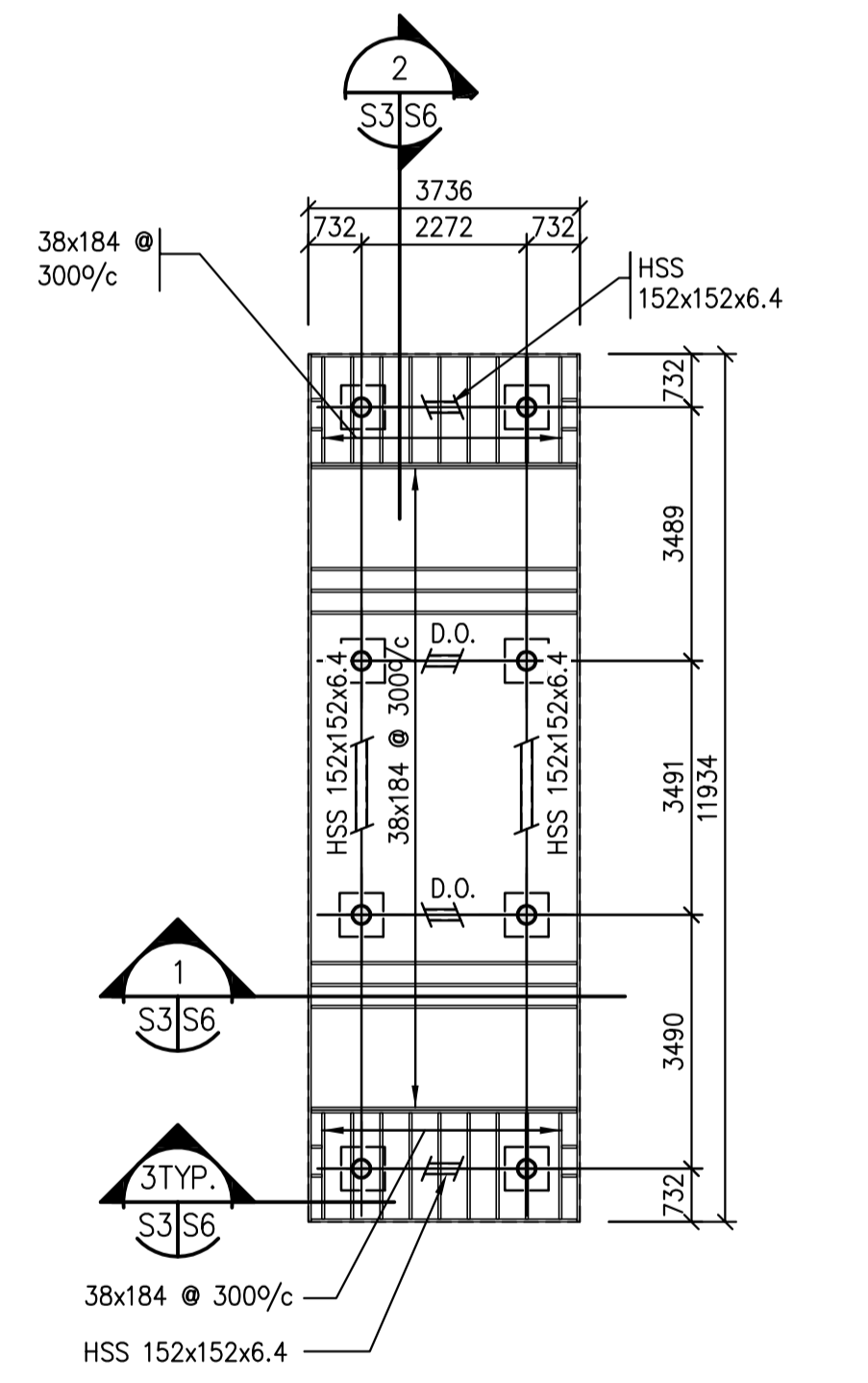
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie

Drawing title/Titre du dessin
FLOOR PLANS
UNITS 1 - 12

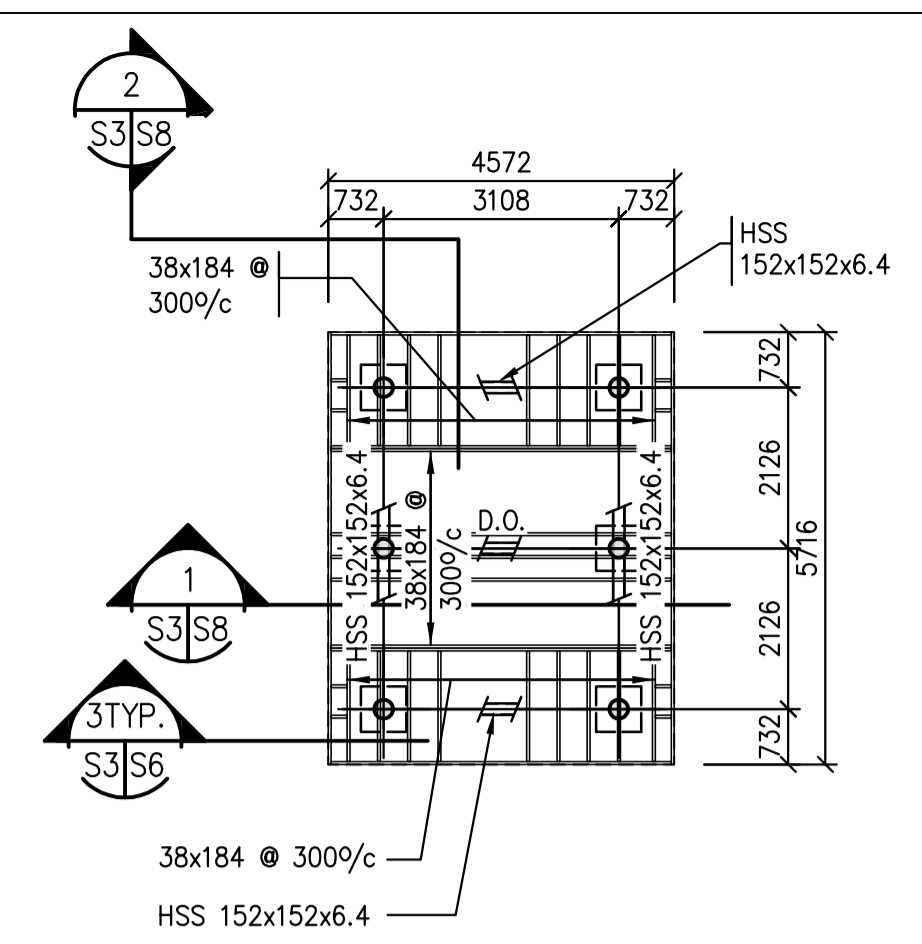
Project No./No. du projet S-35-2014	Sheet/Fauille S2	Revision no./La Révision no. 0
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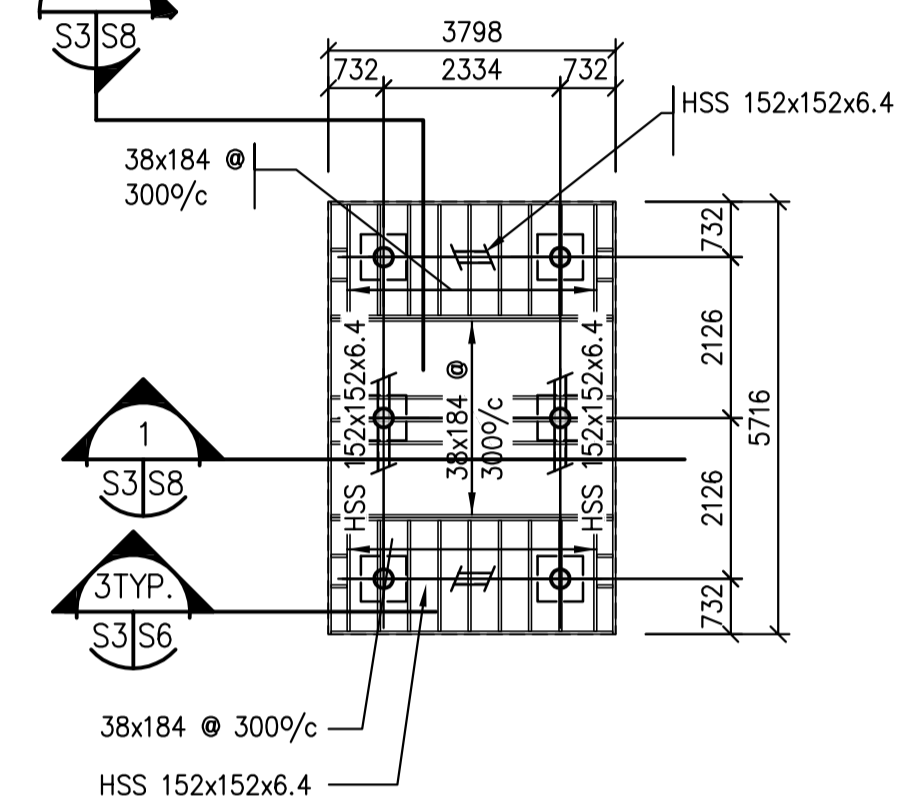
1 FLOOR PLAN - UNIT 11
1:100



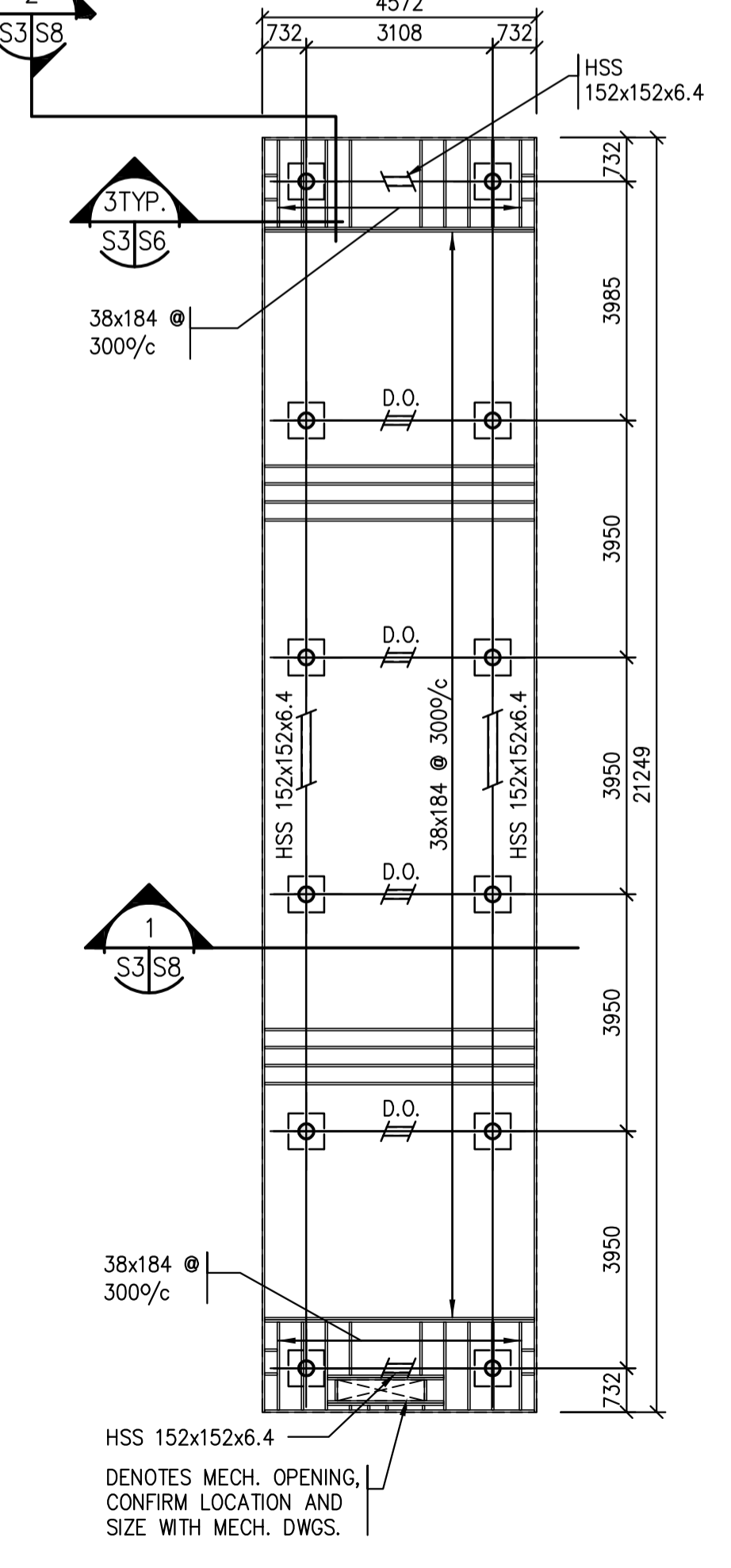
2 FLOOR PLAN - UNIT 12
1:100



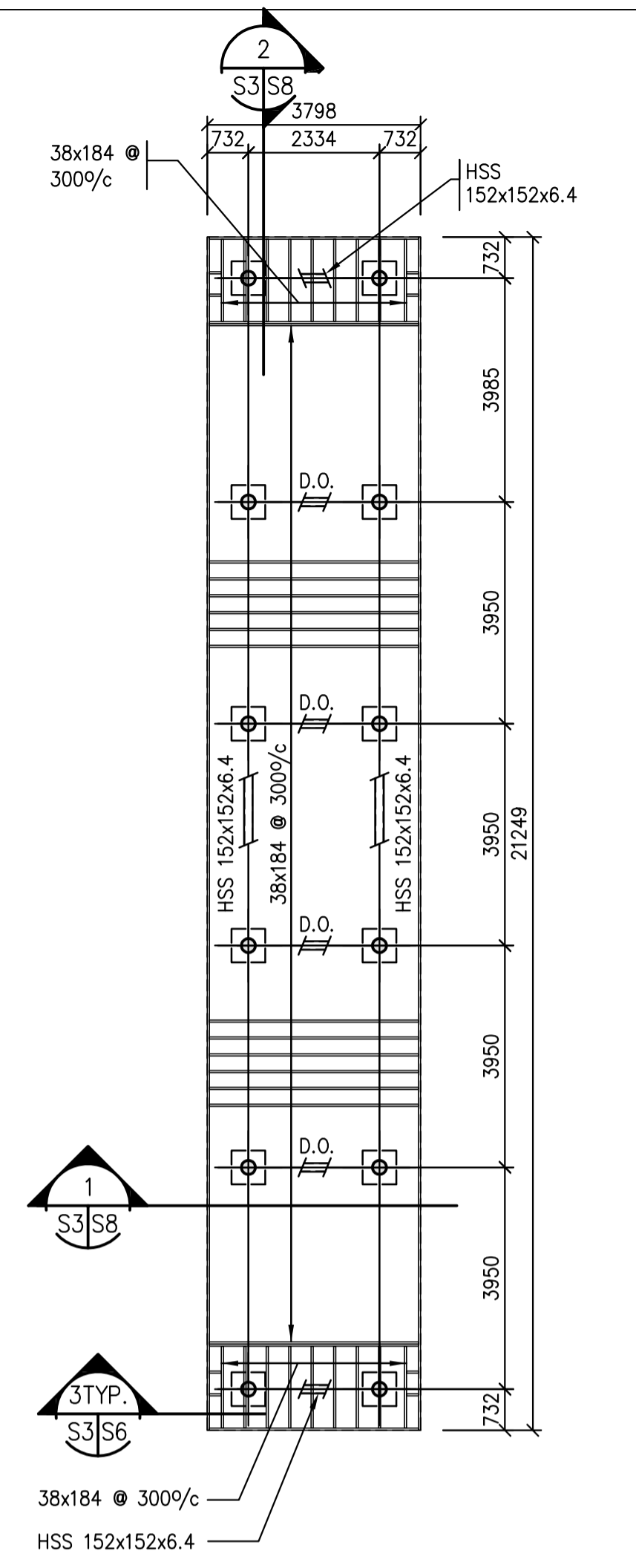
3 FLOOR PLAN - UNIT 13
1:100



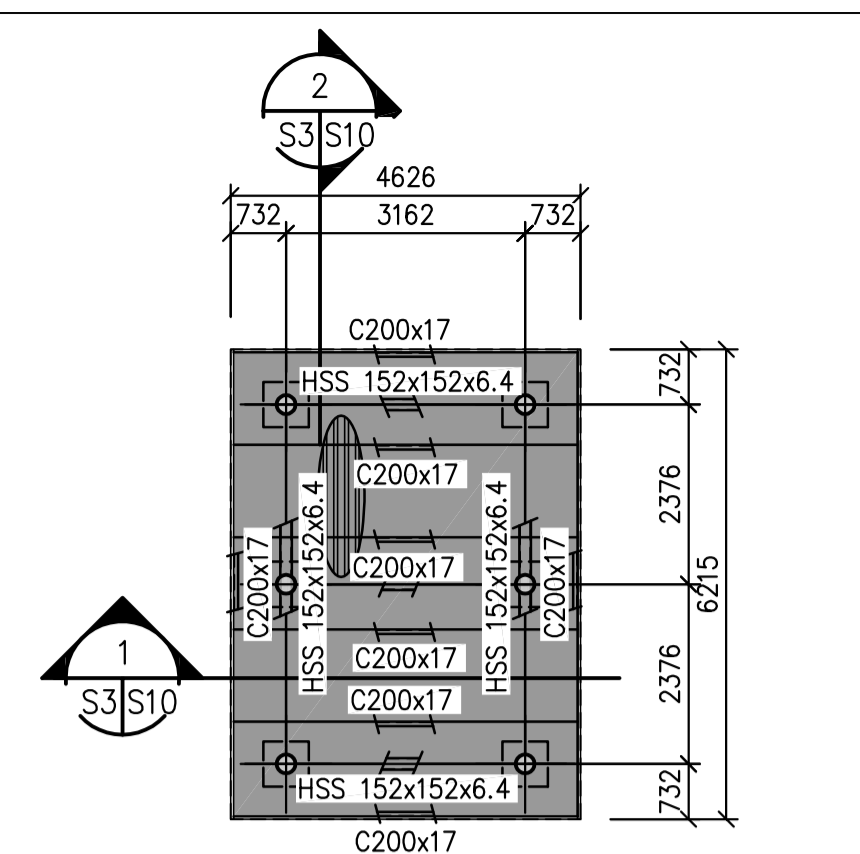
4 FLOOR PLAN - UNIT 14
1:100



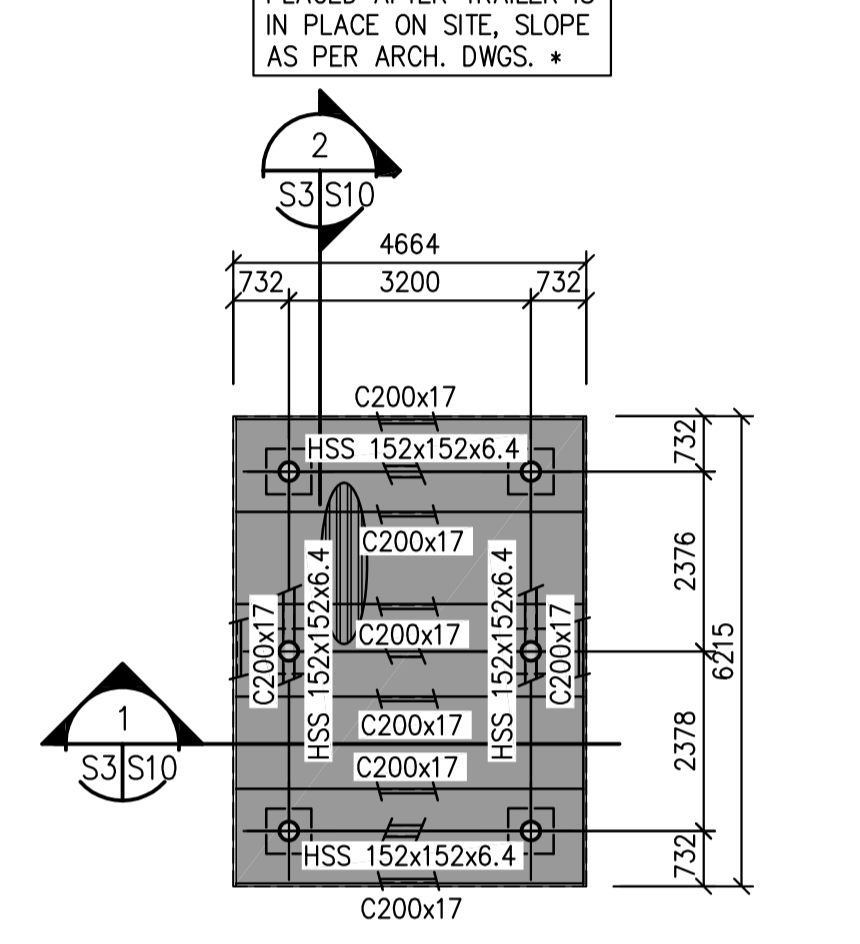
5 FLOOR PLAN - UNIT 15
1:100



6 FLOOR PLAN - UNIT 16
1:100



7 FLOOR PLAN - UNIT 17
1:100



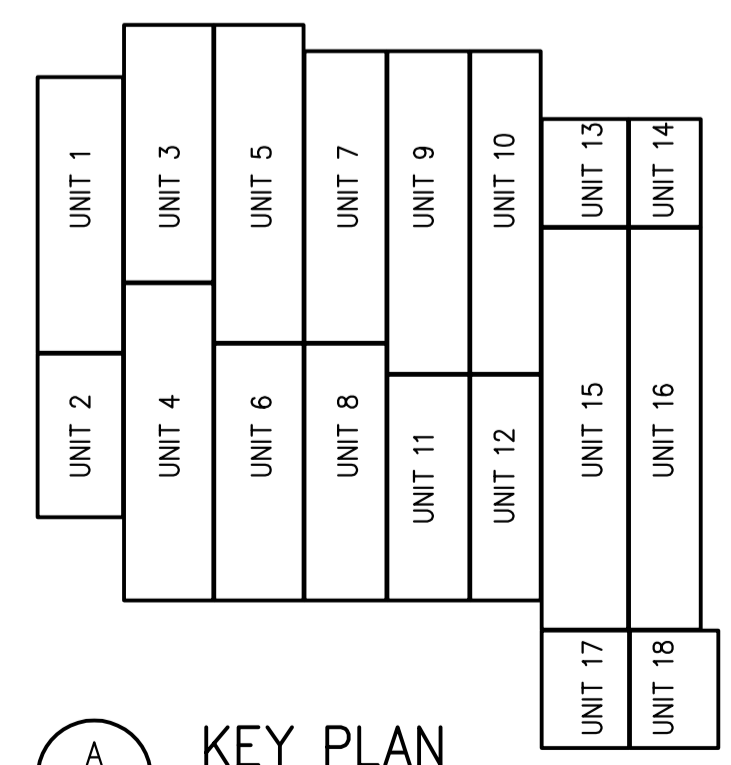
8 FLOOR PLAN - UNIT 18
1:100

NOTES APPLY TO UNITS 1-12, 15-18/S2 & S3:

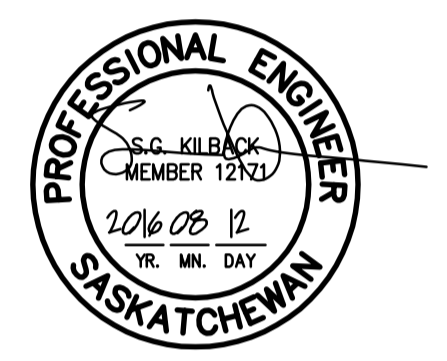
- FLOOR CONSTRUCTION TO BE:
13mm T&G SHEATHING (GLUED AND NAILED)
19mm T&G SHEATHING (GLUED AND NAILED)
38x184 FLOOR JOISTS AS NOTED ON PLAN. (MAX. SPACING 400 c.c.)
CO-ORDINATE AND ADJUST SPACING OF O.W.W.J. TO SUIT ALL NON-MOVEABLE PLUMBING FIXTURE DRAIN AND STACK LOCATIONS. (ie. WATER CLOSETS, TUBS, ETC.)
- T/O MAIN FLOOR SUBFLOOR @ ELEVATION 100 000
- FLOOR DESIGN LOADS (SUPERIMPOSED)
LIVE LOAD (SHADED AREAS) = 4.8 kPa
DEAD LOAD = 0.75 kPa
- PROVIDE VERTICAL GRAIN SOLID BLOCKING BELOW ALL B.U. WOOD COLUMNS, SIZE TO MATCH COLUMN.
- PROVIDE DOUBLE JOIST AT BUILT UP COLUMNS SUPPORTING OPENINGS GREATER THAN 1830.
- PROVIDE LAMINATED JOISTS AT BUILT UP COLUMNS SUPPORTING OPENING GREATER THAN 3000 TO MATCH WIDTH OF BUILT UP COLUMN, SEE DETAIL A/S5.

NOTES APPLY TO UNITS 13 & 14/S3:

- FLOOR CONSTRUCTION TO BE:
100# CONCRETE SLAB ON METAL DECK WHERE INDICATED BY SHADE, REFER TO TYPICAL SLAB ON DECK DETAIL.
STRUCTURAL STEEL FRAMING AS NOTED ON PLAN
CO-ORDINATE AND ADJUST SPACING OF ROOF JOISTS TO SUIT MECHANICAL
REFER TO TYPICAL DECK WELD DETAIL.
BRACING SHOWN IS IN ADDITION TO THE REQUIREMENTS OF THE JOIST SUPPLIER.
- FLOOR CONSTRUCTION TO BE (NON SHADED AREA):
13mm T&G SHEATHING (GLUED AND NAILED)
19mm T&G SHEATHING (GLUED AND NAILED)
38x184 FLOOR JOISTS AS NOTED ON PLAN. (MAX. SPACING 400 c.c.)
CO-ORDINATE AND ADJUST SPACING OF O.W.W.J. TO SUIT ALL NON-MOVEABLE PLUMBING FIXTURE DRAIN AND STACK LOCATIONS. (ie. WATER CLOSETS, TUBS, ETC.)
- T/O CONCRETE SLAB @ ELEVATION VARIES SEE ARCH.
- FLOOR DESIGN LOADS
LIVE LOAD = 4.8 kPa
DEAD LOAD = 2.4 kPa



A KEY PLAN
S3/S3 NTS



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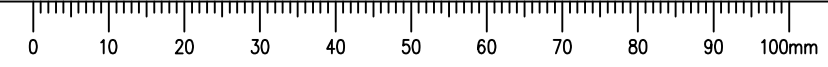
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0	ISSUED FOR TENDER	16/08/12

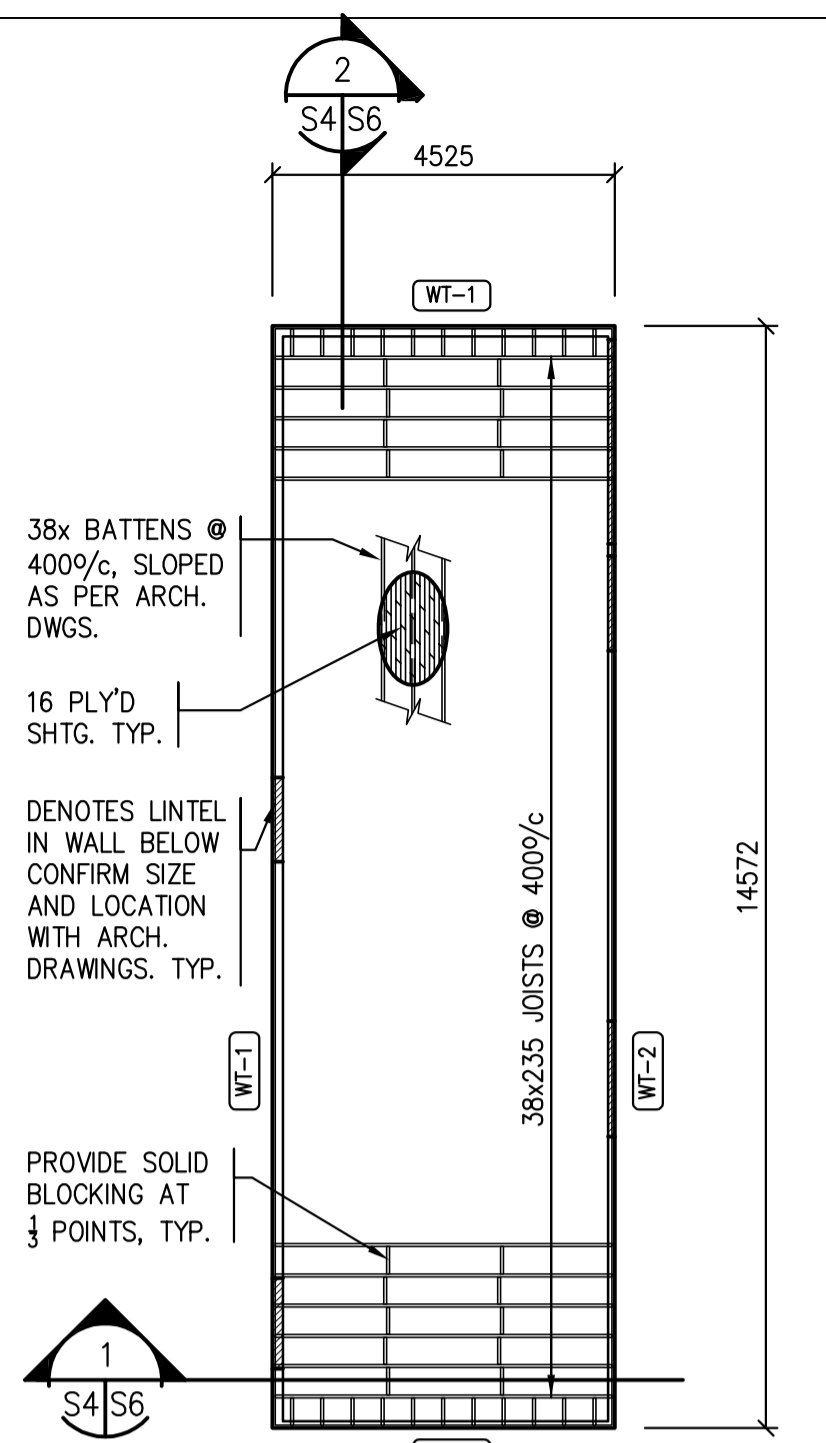
Project title/Titre du projet
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approve par
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 Drawn by/Dessine par
 Project Manager/Administrateur de Projets

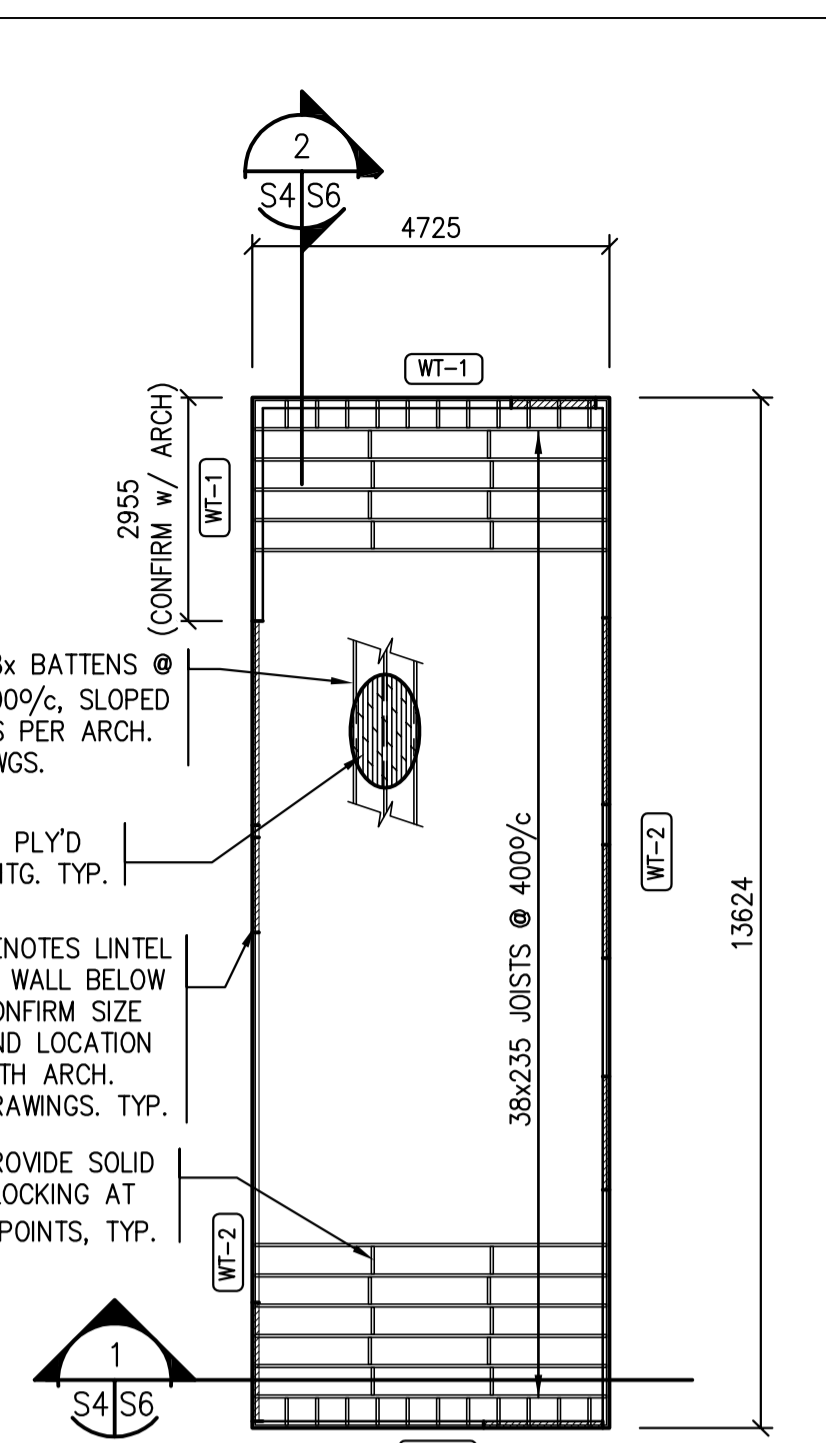
Architectural and Engineering Resources Manager/
 Ressources Architecturale et de Directeur d'Ingénierie
 Client/client
 Drawing title/Titre du dessin
FLOOR PLANS
UNITS 13 - 18

Project No./No. du projet S-35-2014	Sheet/Fauille S3	Revision no./La Révision no. 0
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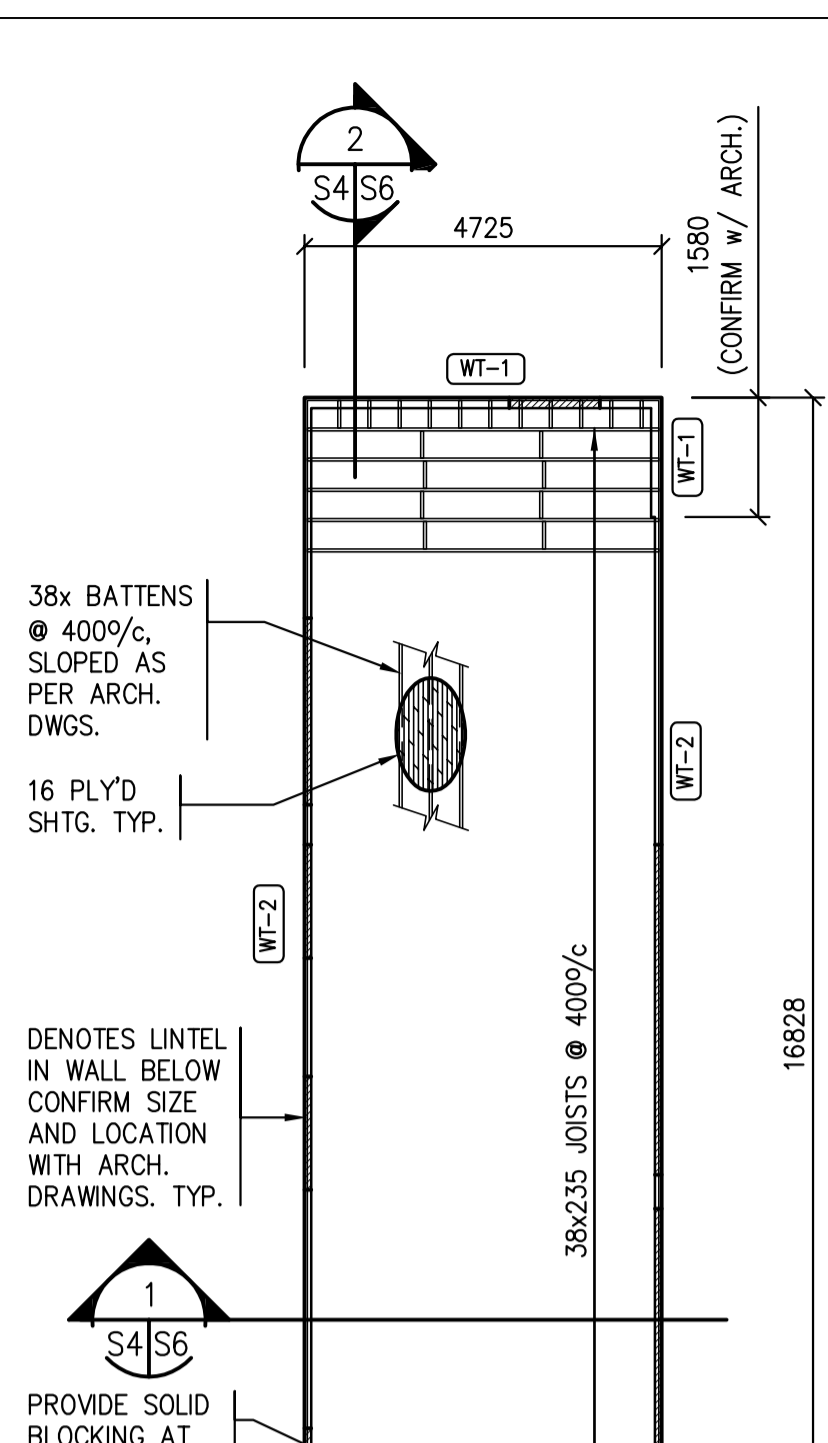




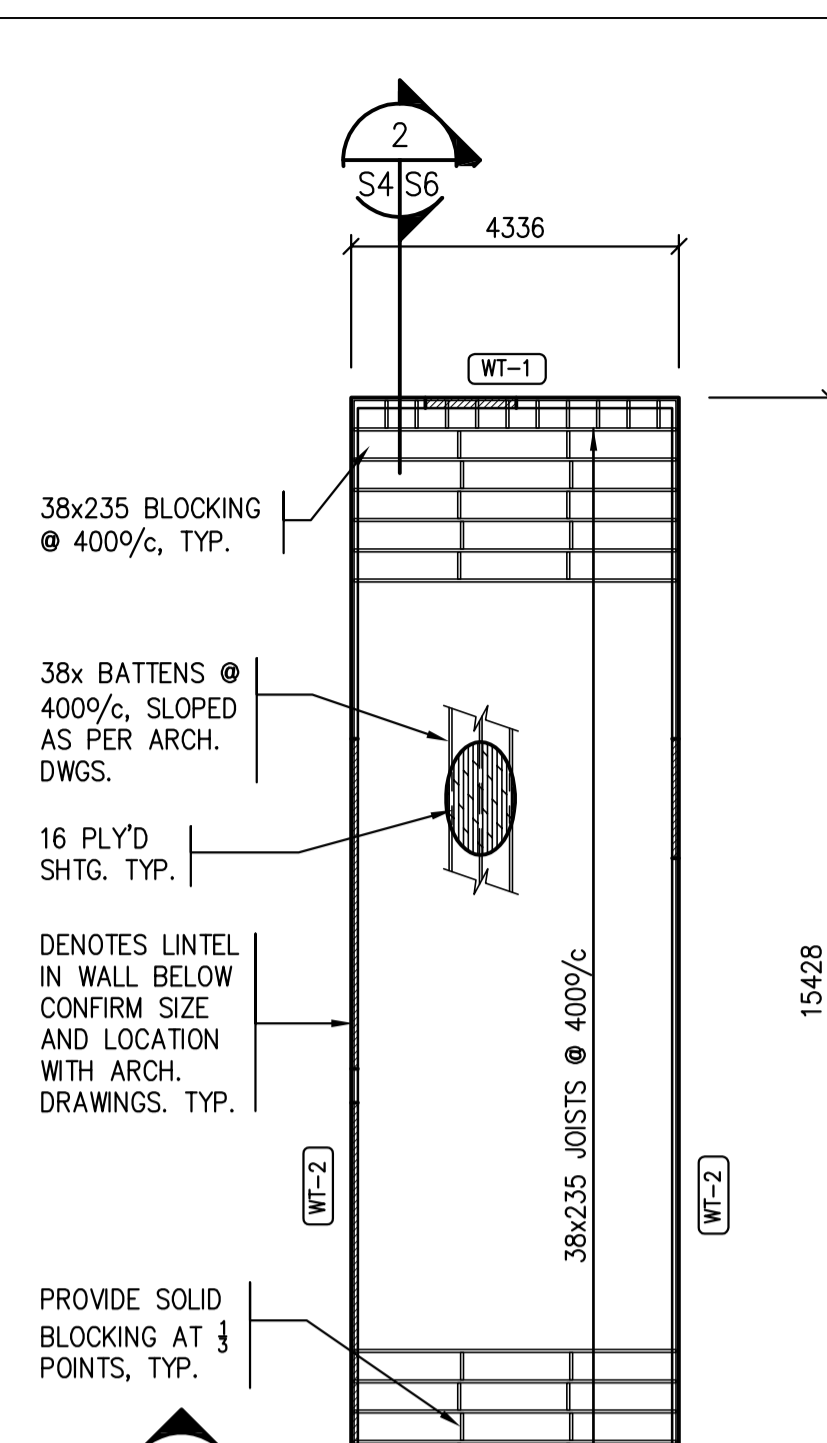
1 ROOF PLAN - UNIT 1
1:100



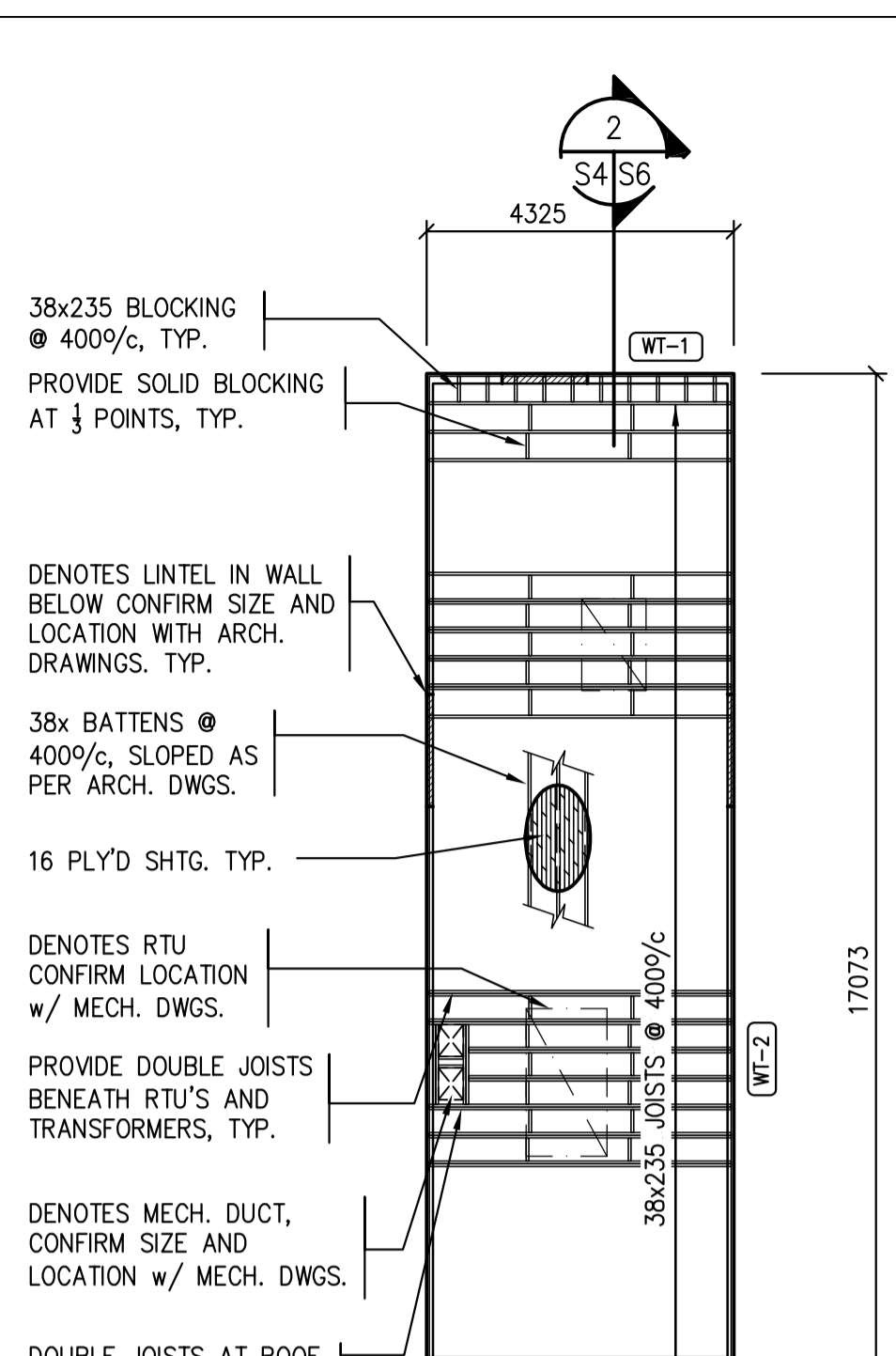
3 ROOF PLAN - UNIT 3
1:100



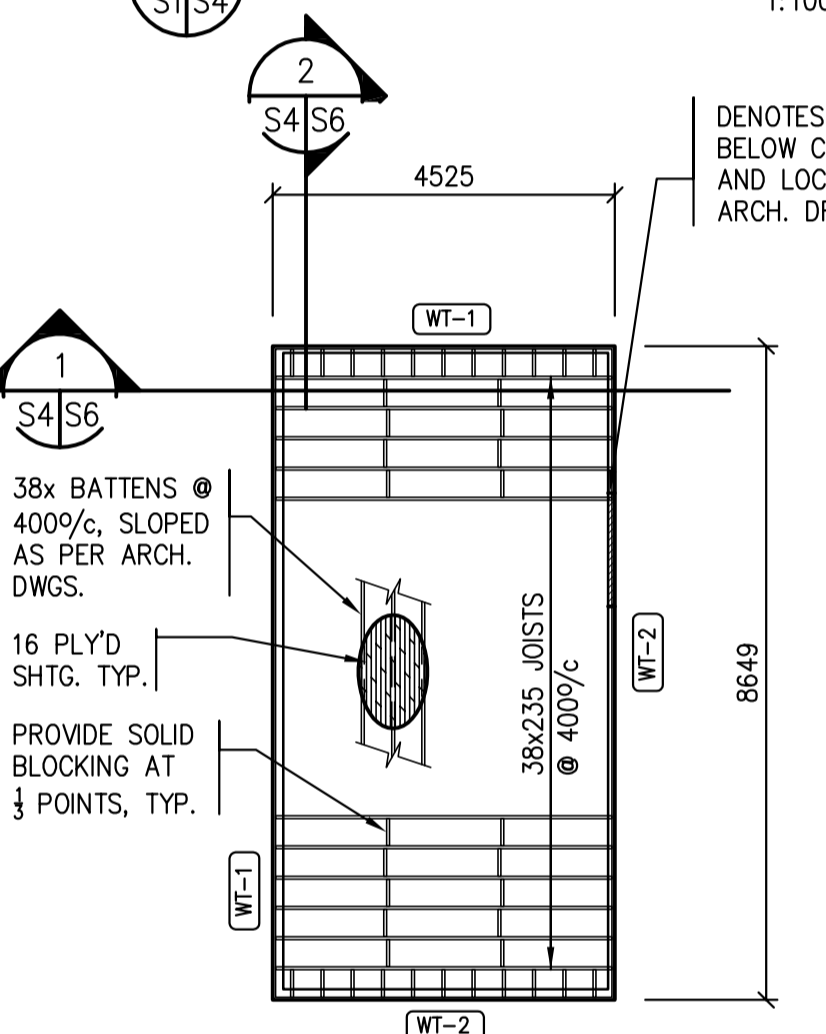
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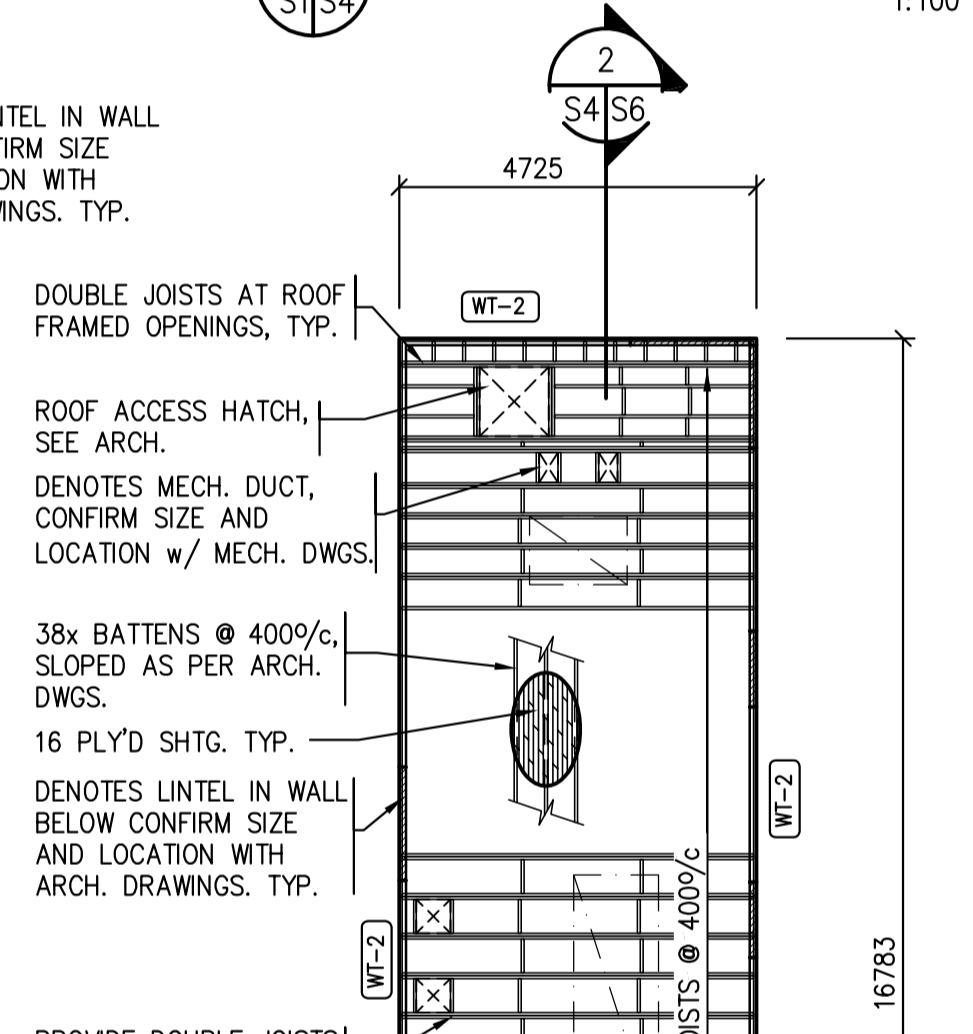
7 ROOF PLAN - UNIT 7
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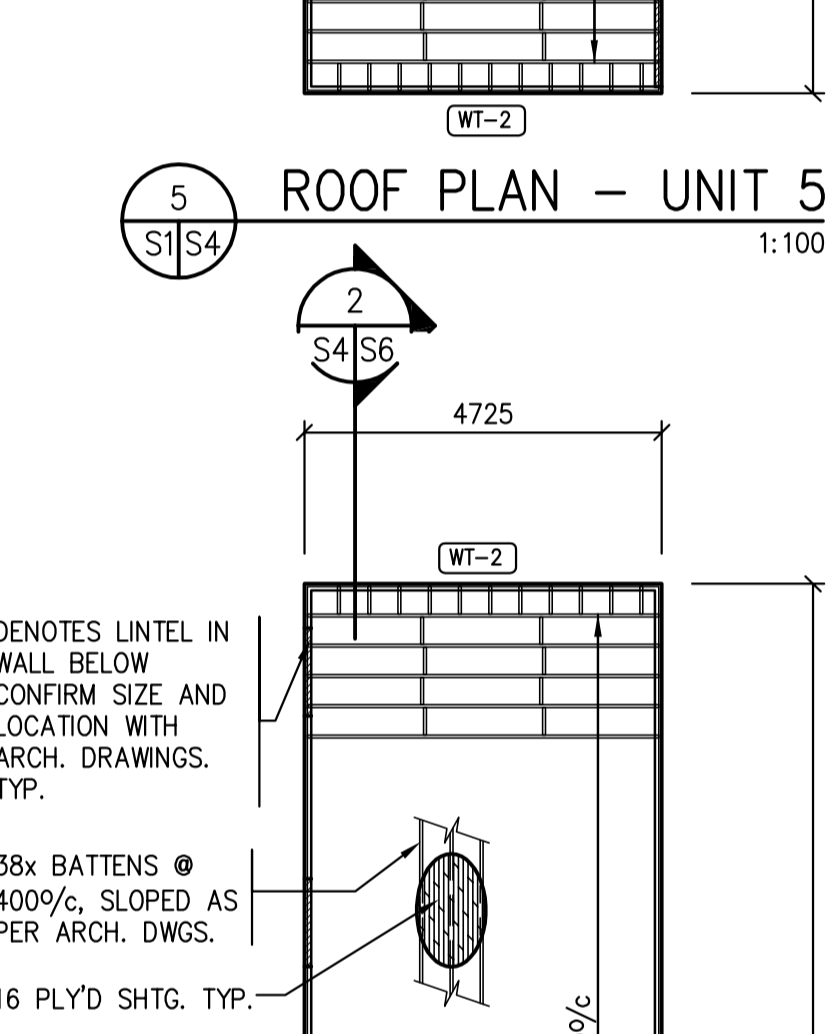
9 ROOF PLAN - UNIT 9
1:100



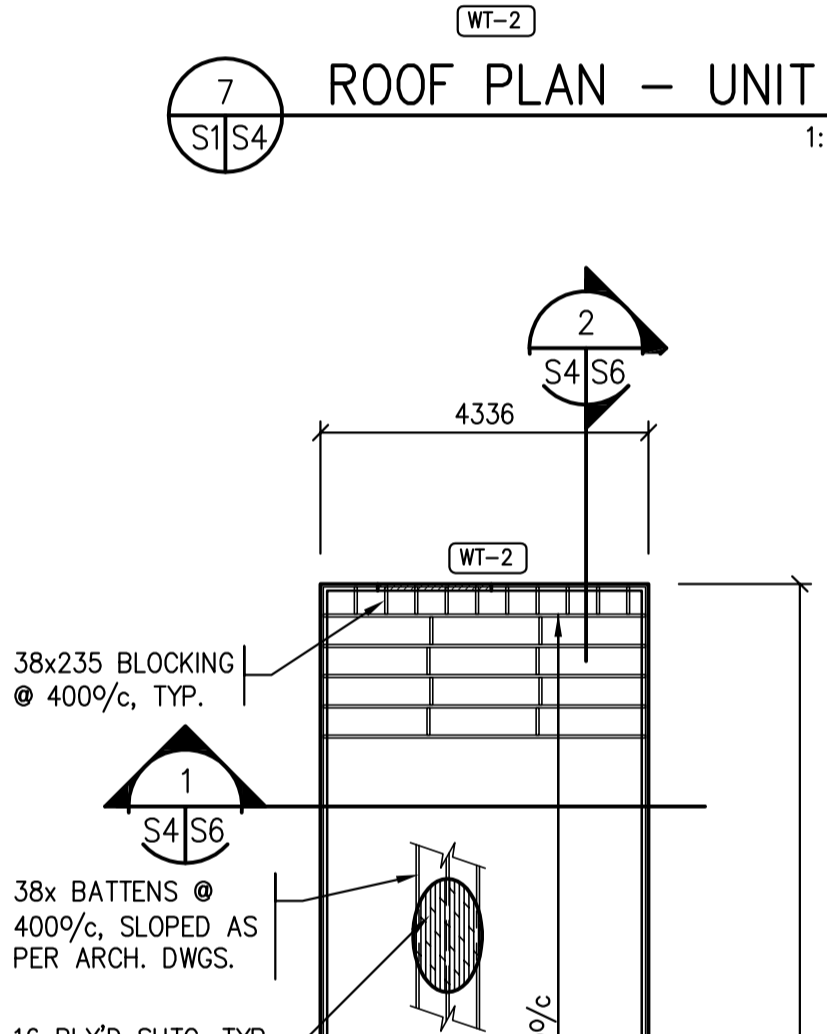
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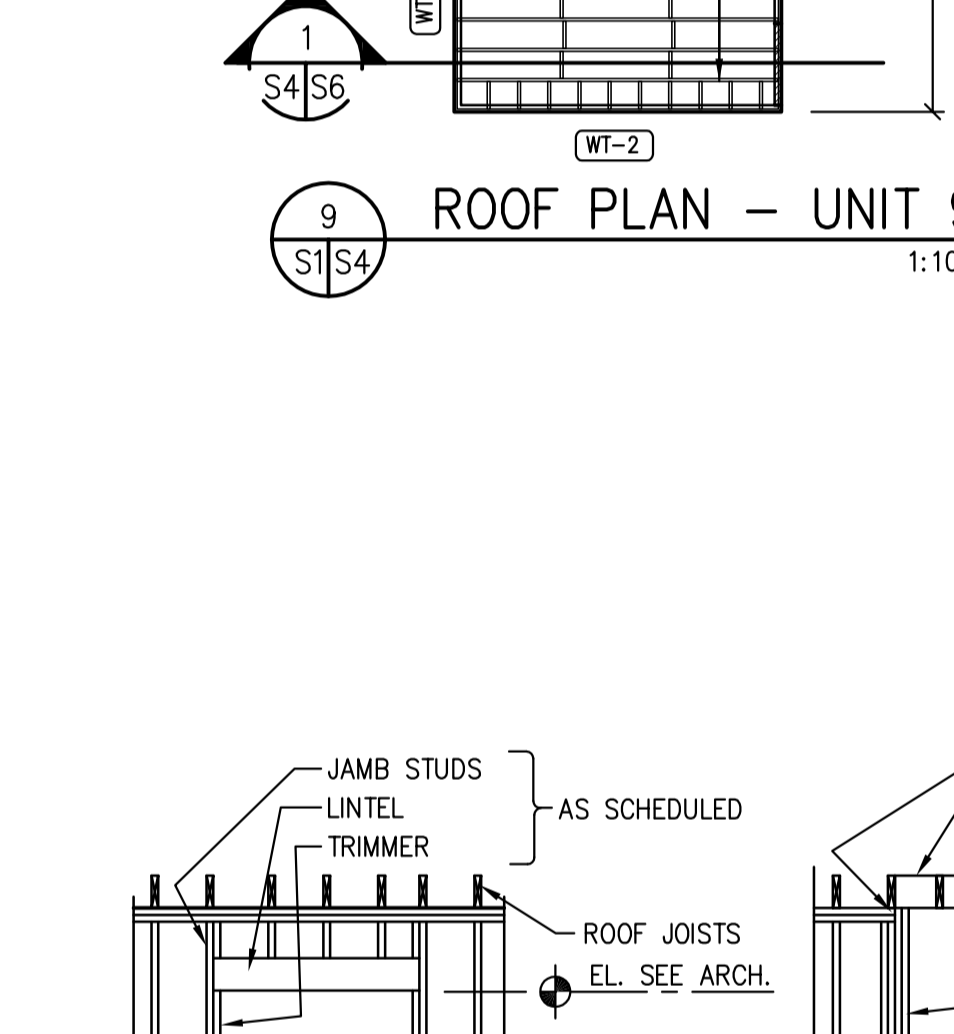
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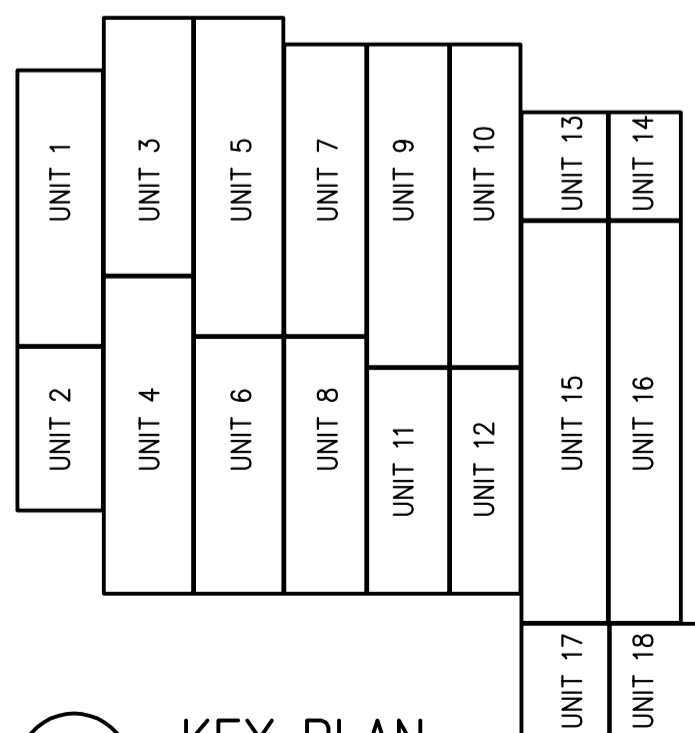
6 ROOF PLAN - UNIT 6
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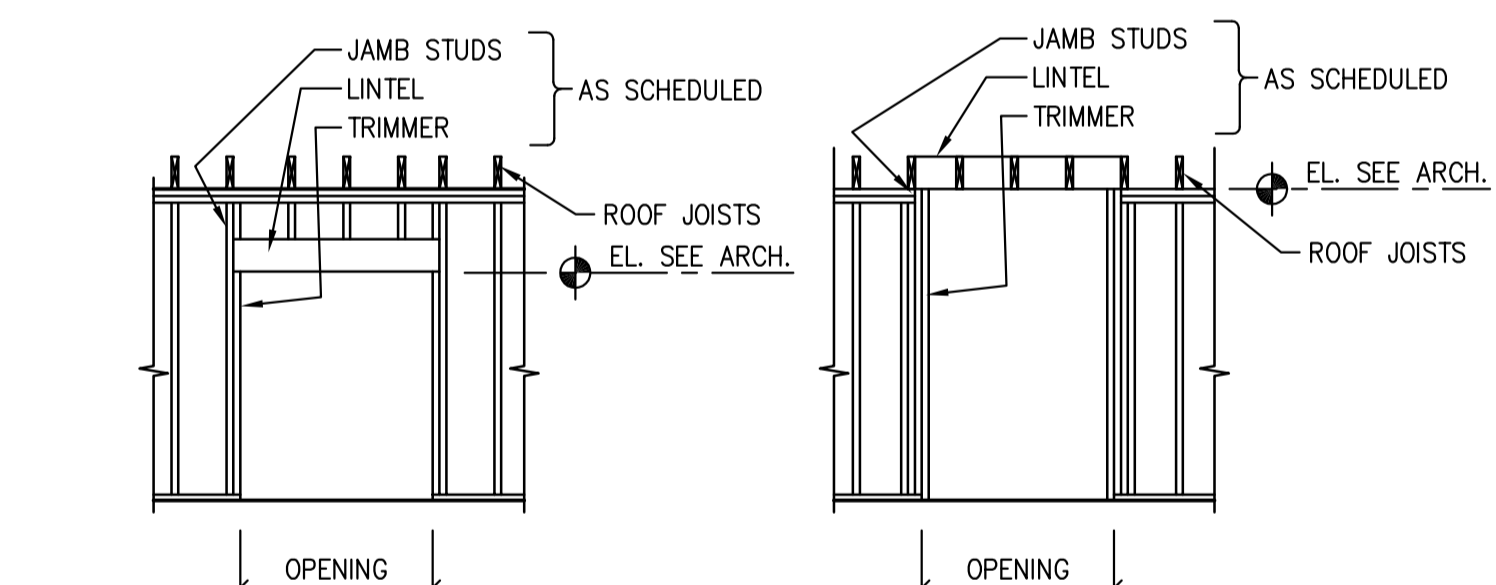
8 ROOF PLAN - UNIT 8
1:100



9 ROOF PLAN - UNIT 9
1:100



A KEY PLAN
S4/S4 NTS

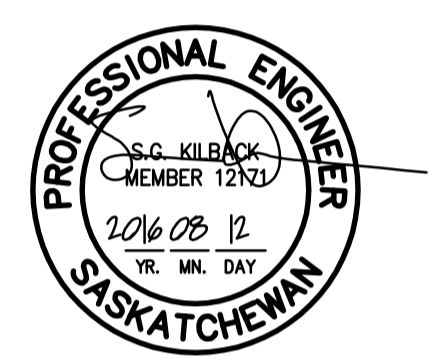


LINTEL FRAMING DETAIL AT DOORS LINTEL FRAMING DETAIL AT WALL OPENINGS

OPENING WIDTH	LINTEL	TRIMMER	JAMB
0 - 3000	2-38x235	1	1
3000 - 5000	2-44x241 GANGLAM	2	2
5000 - 6000	2-44x302 GANGLAM	2	2

- NOTES APPLY TO ROOF PLANS 3-11/S3.
- REFER TO DRAWING S0 FOR GENERAL NOTES.
 - ROOF CONSTRUCTION TO BE:
16mm PLY'D SHEATHING OVER 38x235 ROOF TRUSSES (SPACING AS INDICATED), U/S TRUSS AT ELEVATION 102 771, UNLESS NOTED OTHERWISE.
 - ROOF DESIGN LOADS:
DEAD LOAD = 0.75kPa
LIVE LOAD = 1.35kPa
 - WALL CONSTRUCTION TO BE: (WALL TYPE DENOTED ON PLAN THUS WT-2)
 - WT-1 { 38x140 STUDS @ MAX. 400 o.c. (300o.c. UNIT 3 ONLY), SPF#2 OR BETTER
13mm SHEATHING
38x140 BLOCKING @ MAX. 1220 o.c. (FOR WALLS OVER 2464mm)
 - WT-2 { 38x89 STUDS @ MAX. 400 o.c. (300o.c. UNIT 3 ONLY), SPF#2 OR BETTER
13mm SHEATHING
38x140 BLOCKING @ MAX. 1220 o.c. (FOR WALLS OVER 2464mm)

A WOOD LINTEL SCHEDULE
S4/S4 NTS
LINTEL AS PER SCHEDULE UNLESS NOTED OTHERWISE



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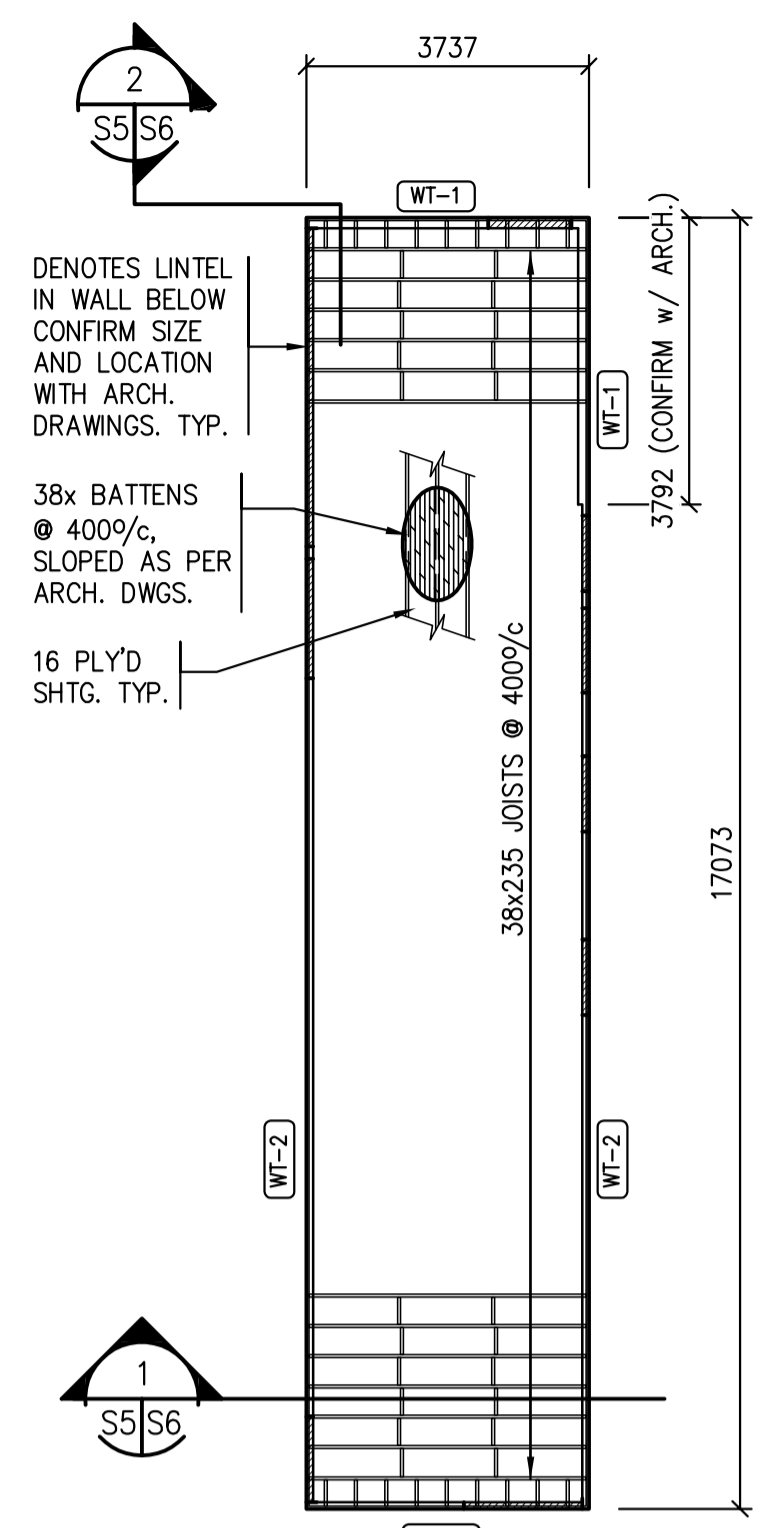
Client/client

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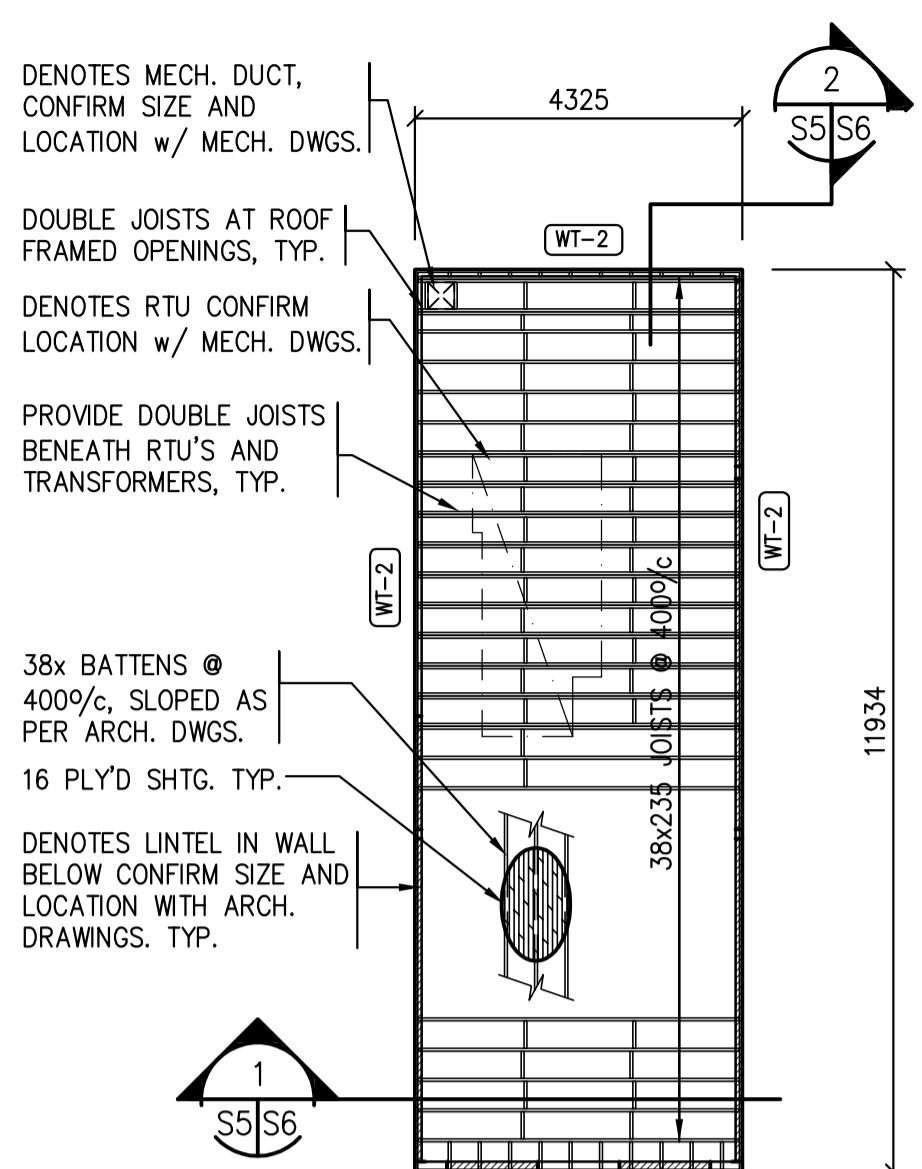
ROOF PLANS
UNITS 1 - 12

Project No./No. du projet: S-35-2014
 Sheet/Fauille: S4
 Revision no./La Révision no.: 0

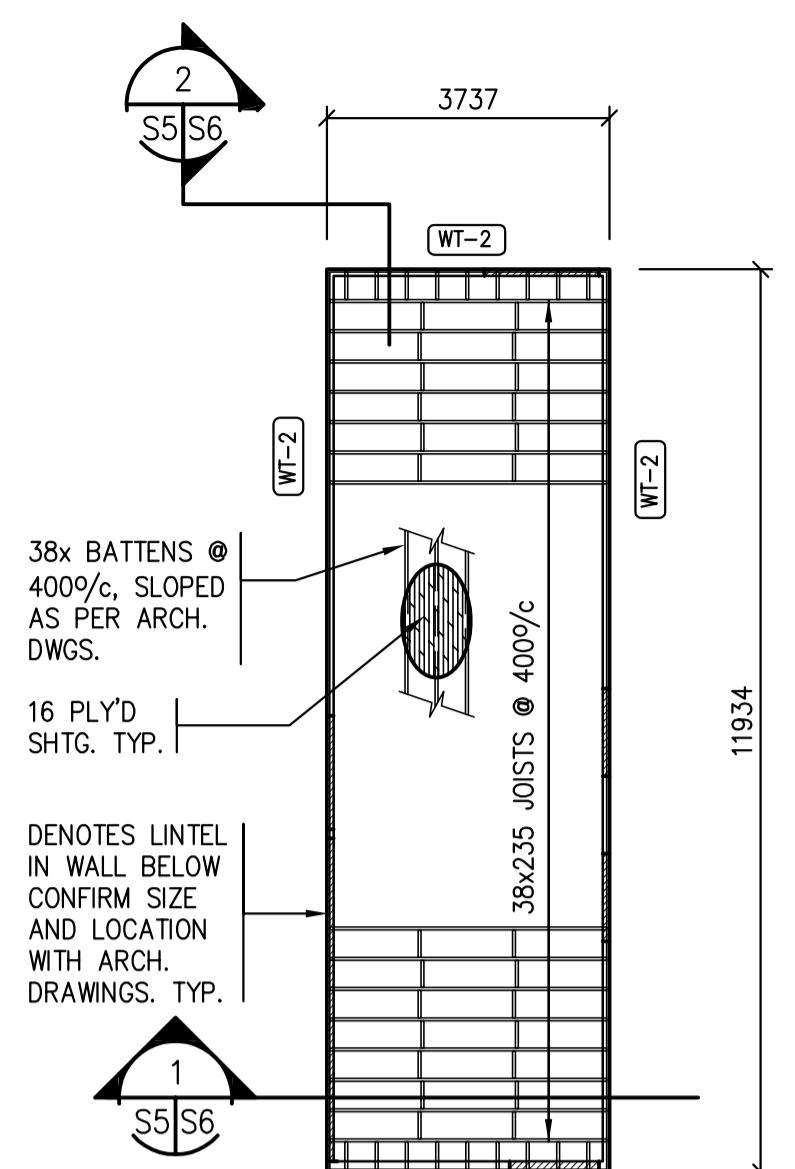




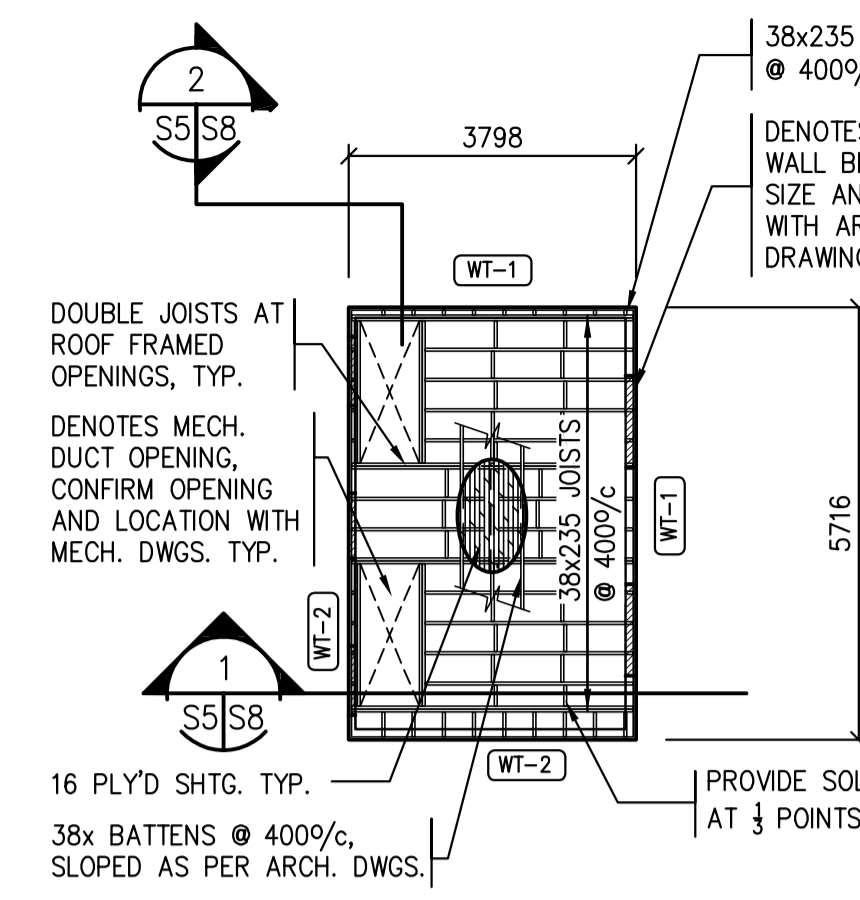
1 ROOF PLAN - UNIT 10
1:100



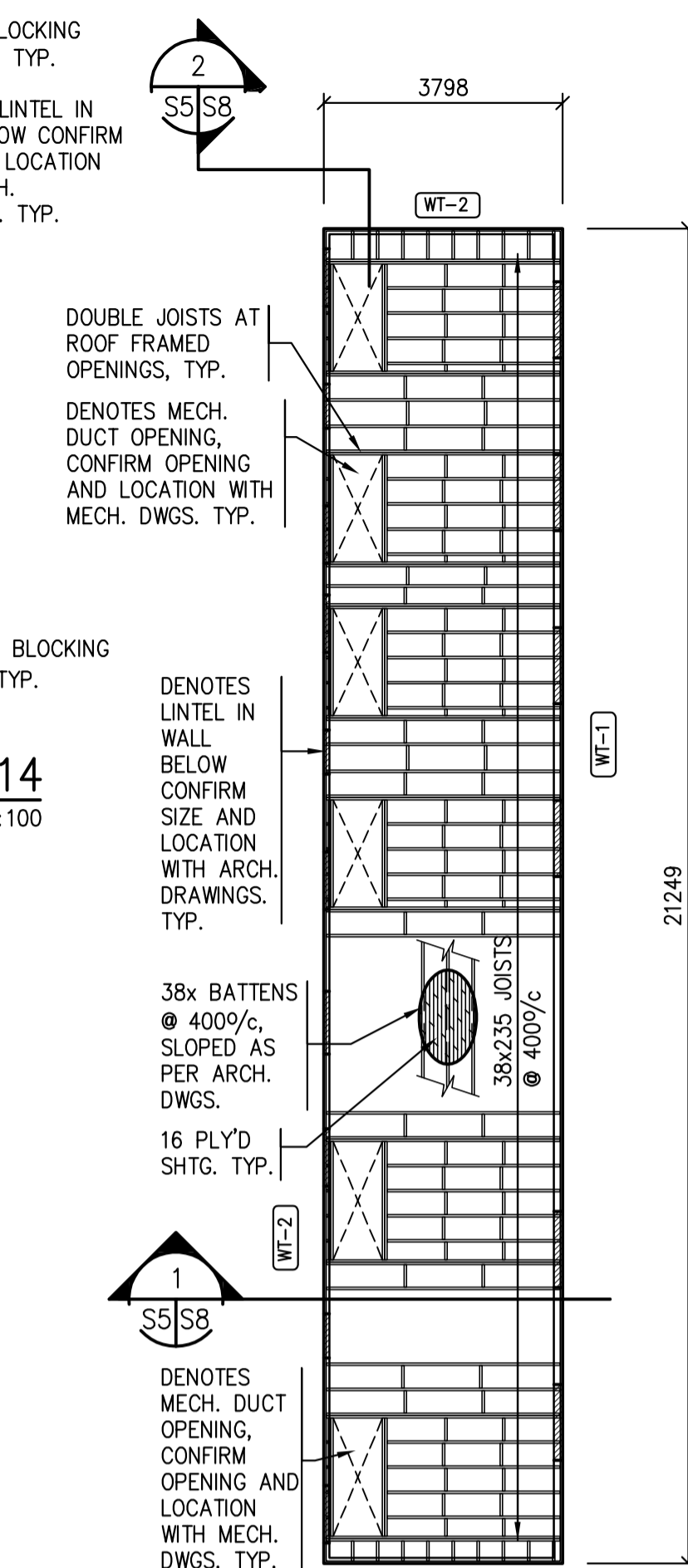
2 ROOF PLAN - UNIT 11
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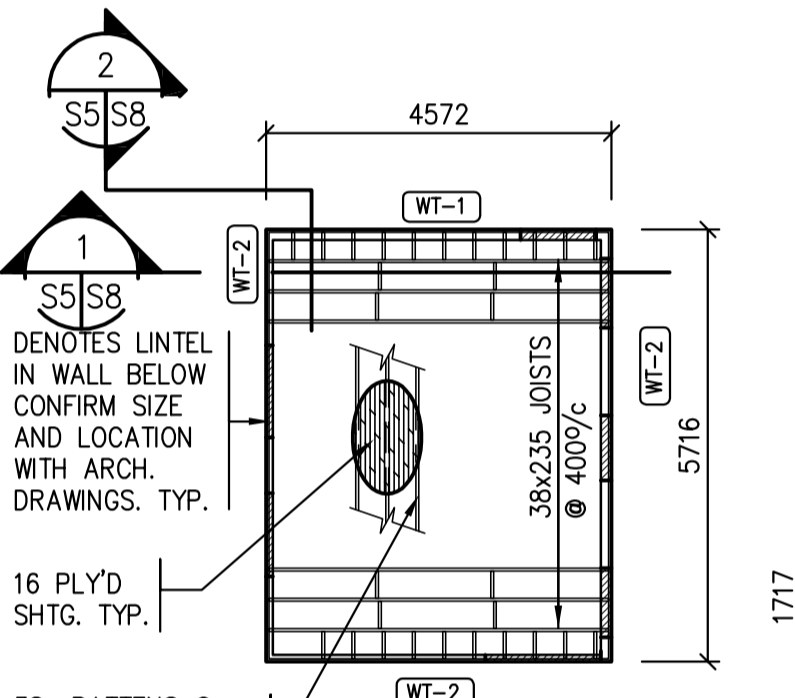
3 ROOF PLAN - UNIT 12
1:100



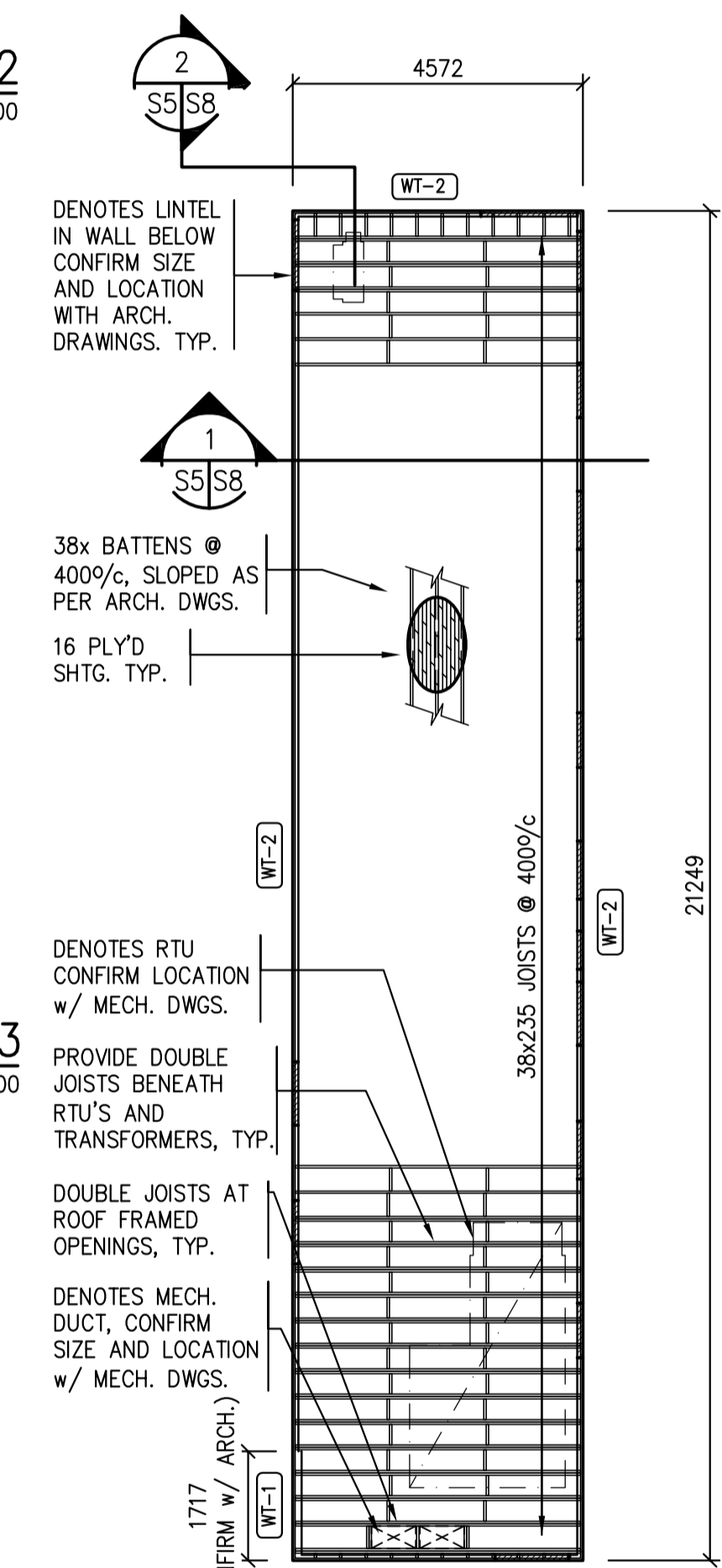
5 ROOF PLAN - UNIT 14
1:100



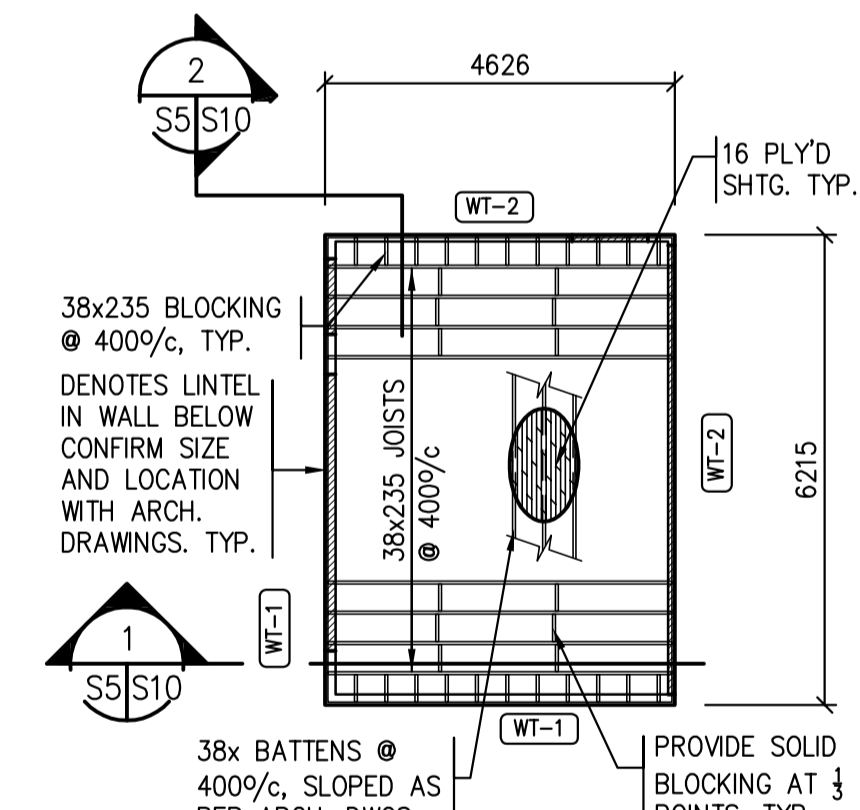
7 ROOF PLAN - UNIT 16
1:100



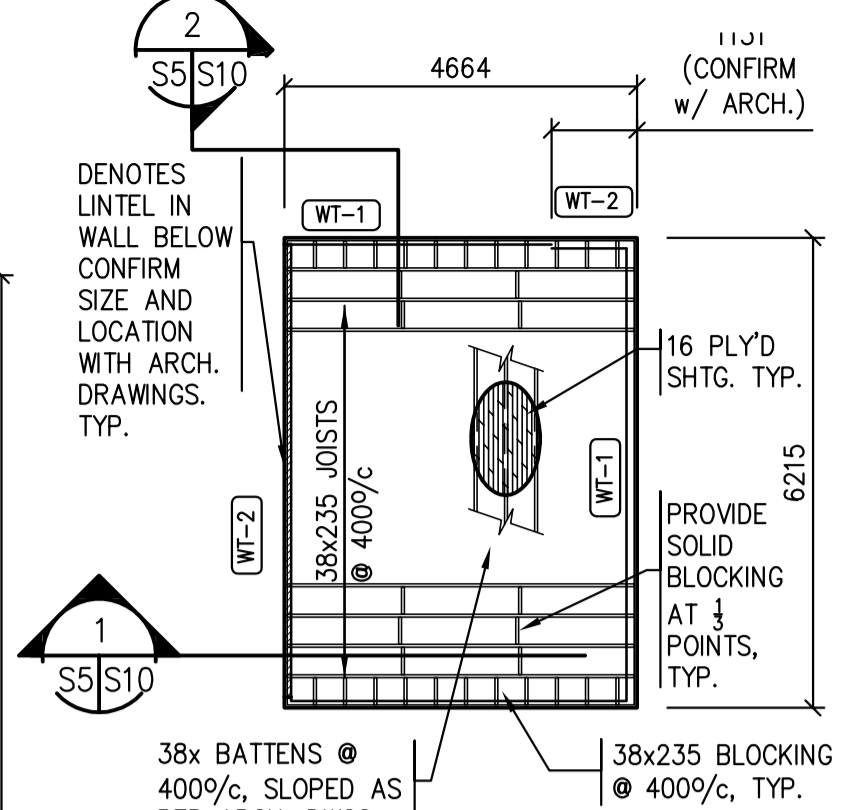
4 ROOF PLAN - UNIT 13
1:100



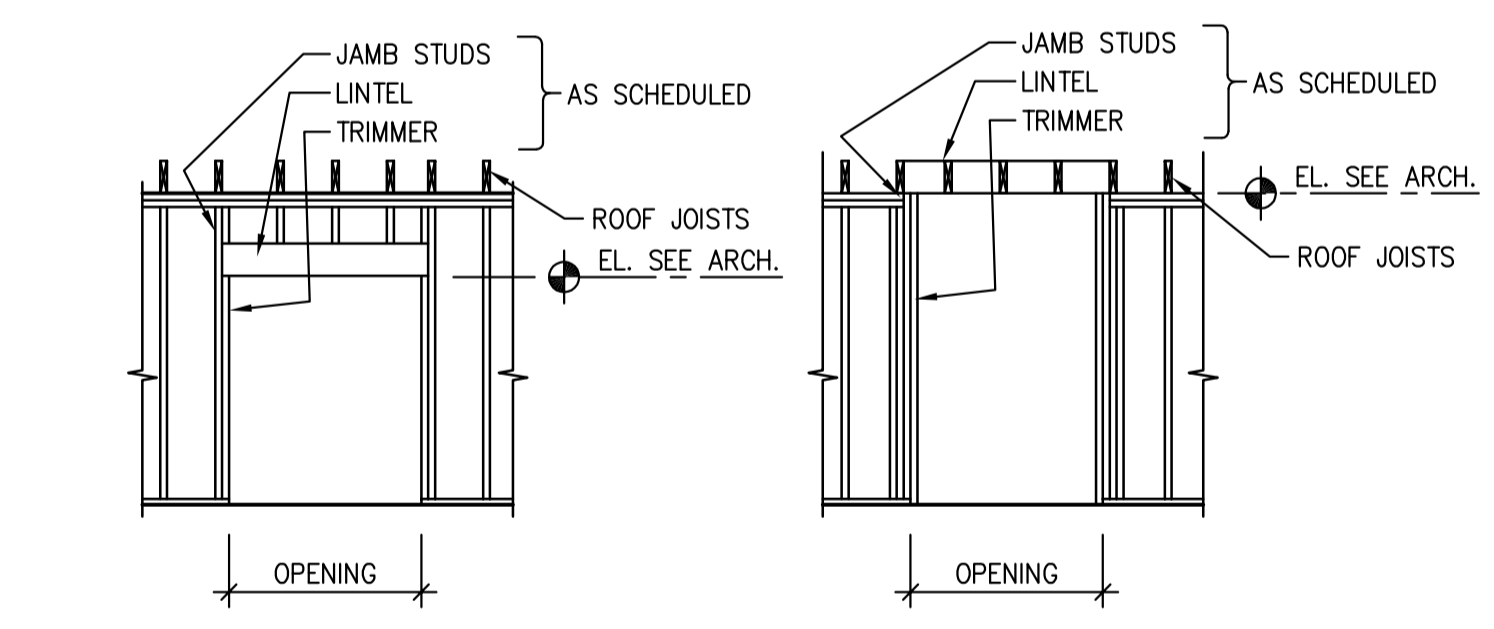
6 ROOF PLAN - UNIT 15
1:100



8 ROOF PLAN - UNIT 17
1:100



9 ROOF PLAN - UNIT 18
1:100



LINTEL FRAMING DETAIL AT DOORS LINTEL FRAMING DETAIL AT WALL OPENINGS

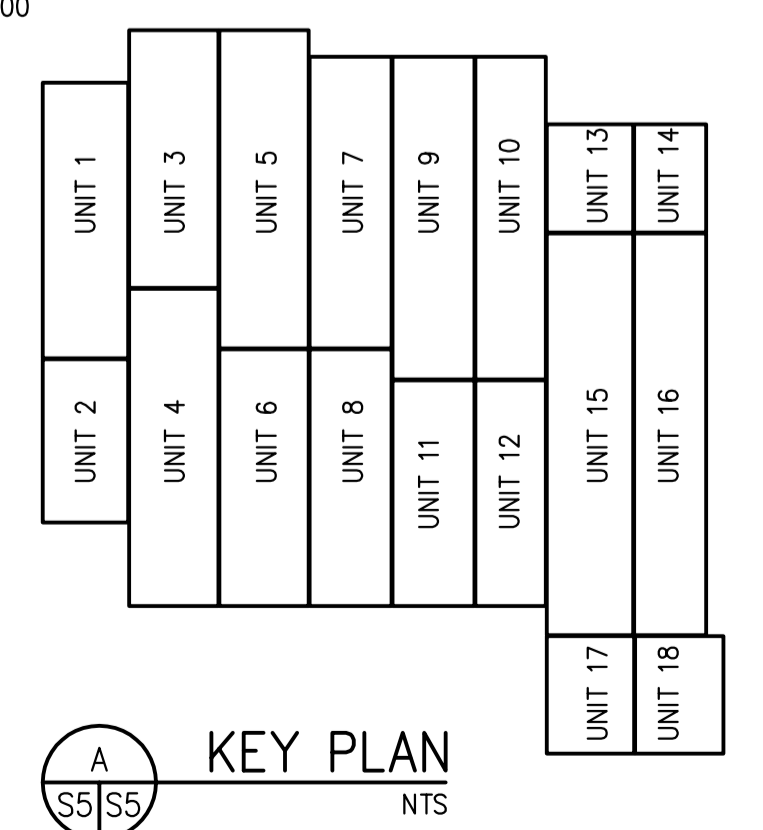
OPENING WIDTH	LINTEL	TRIMMER	JAMB
0 - 3000	2-38x235	1	1
3000 - 5000	2-44x241 GANGLAM	2	2
5000 - 6000	2-44x302 GANGLAM	2	2

- NOTES APPLY TO ROOF PLANS 3-11/S3:
- REFER TO DRAWING SO FOR GENERAL NOTES.
 - ROOF CONSTRUCTION TO BE:
16mm PLYD SHEATHING OVER 38x235 ROOF TRUSSES (SPACING AS INDICATED),
U/S TRUSSES AT ELEVATION 102 771, UNLESS NOTED OTHERWISE.
 - ROOF DESIGN LOADS:
DEAD LOAD = 0.75kPa
LIVE LOAD = 1.35kPa
 - WALL CONSTRUCTION TO BE: (WALL TYPE DENOTED ON PLAN THUS WT-?)

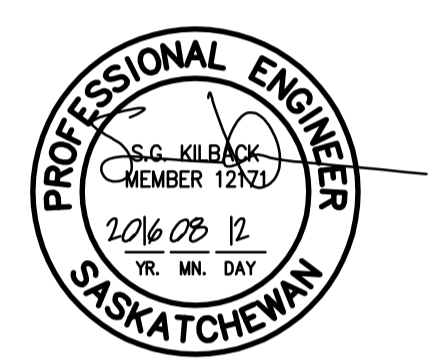
- WT-1 38x140 STUDS @ MAX. 400 o.c. (300o.c. UNIT 3 ONLY), SPF#2 OR BETTER
13mm SHEATHING
38x140 BLOCKING @ MAX. 1220 o.c. (FOR WALLS OVER 2464mm)
- WT-2 38x89 STUDS @ MAX. 400 o.c. (300o.c. UNIT 3 ONLY), SPF#2 OR BETTER
13mm SHEATHING
38x140 BLOCKING @ MAX. 1220 o.c. (FOR WALLS OVER 2464mm)

A WOOD LINTEL SCHEDULE

NTS
LINTEL AS PER SCHEDULE UNLESS NOTED OTHERWISE



A KEY PLAN
NTS



Revision/	Description/Description	Date/Date
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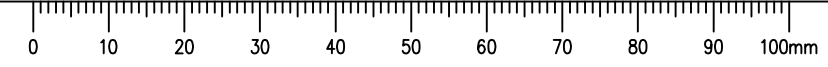
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

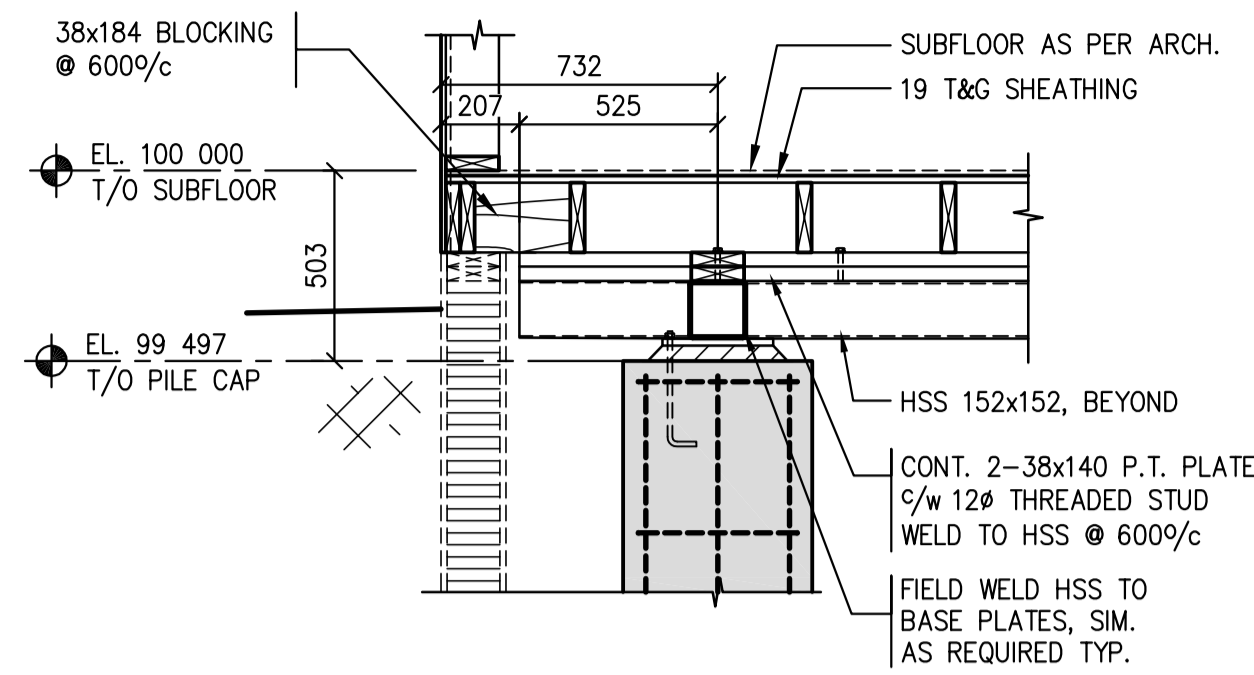
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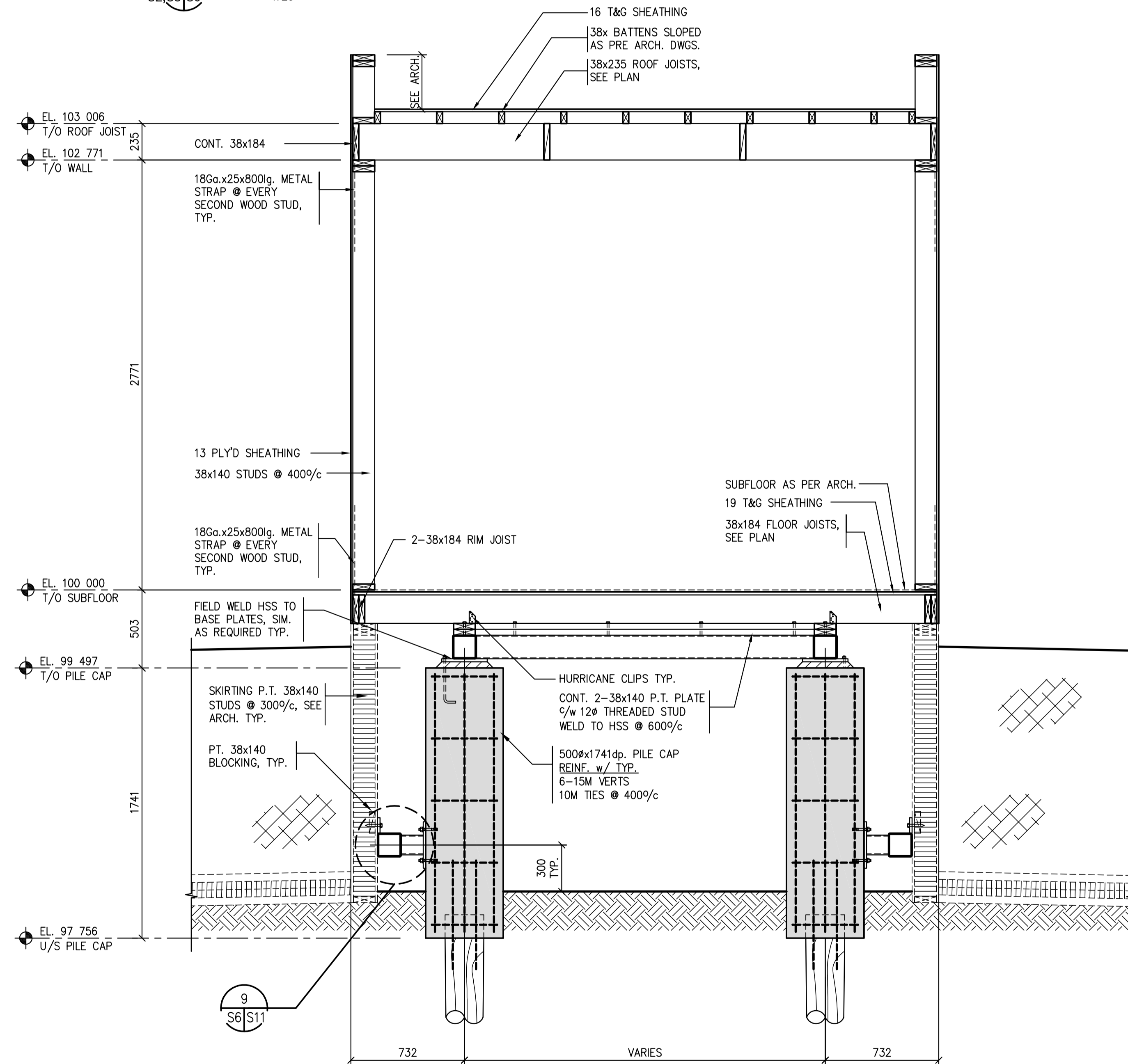
Client/client
Drawing title/Titre du dessin
ROOF PLANS
UNITS 13 - 18

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S5	0

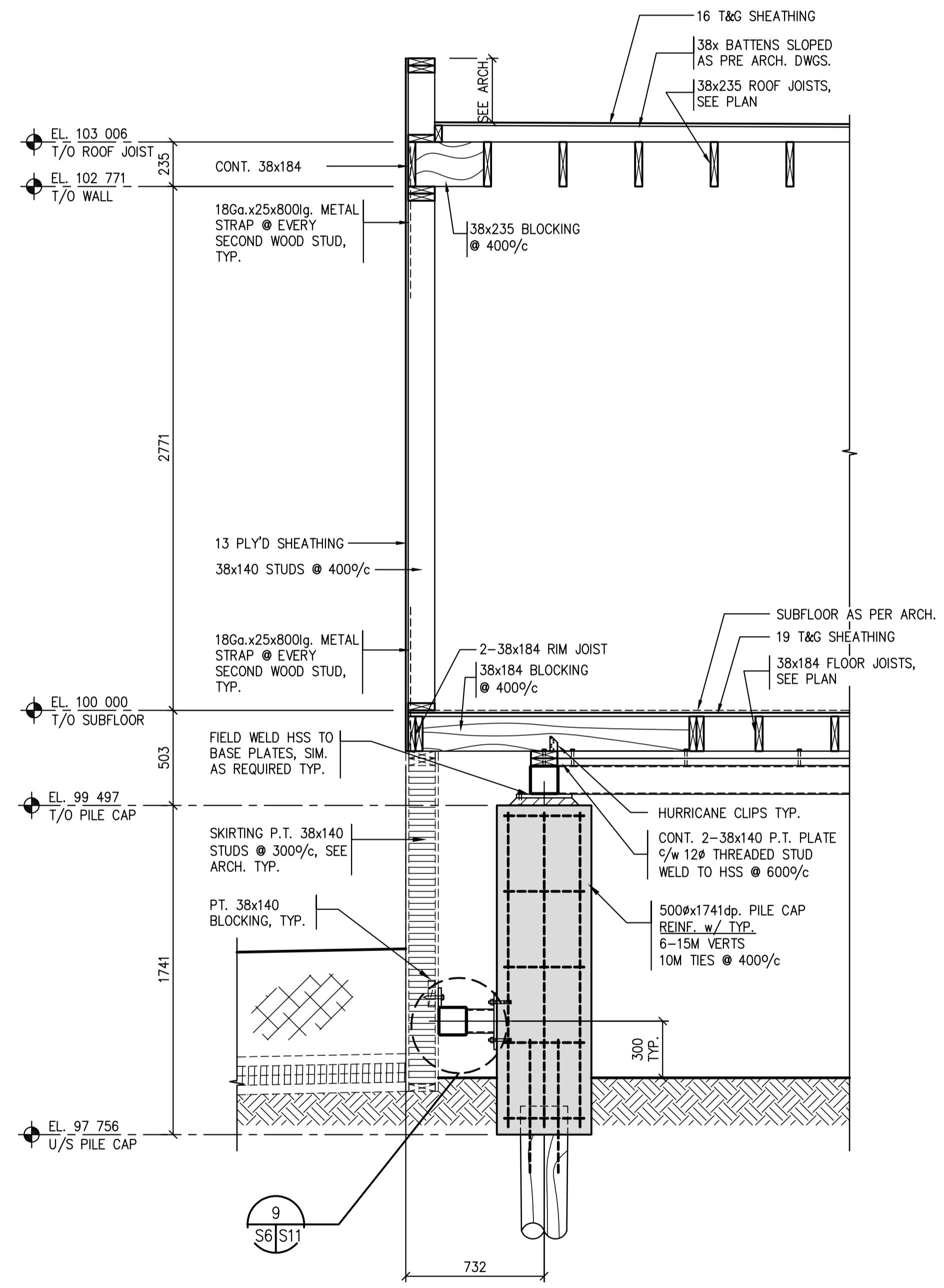




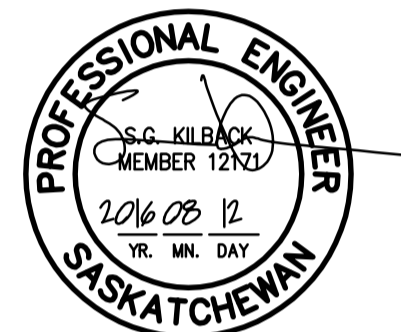
3 SECTION
S2,S3|S6 1:20



1 TYPICAL UNIT SECTION
S2,S3,S4,S5|S6 1:20



2 WALL SECTION
S2,S3,S4,S5|S6 1:20



Revision/	Description/Description	Date/Date
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Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'Ingénierie

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Drawing title/Titre du dessin

SECTIONS / DETAILS

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S-35-2014	S6	0



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Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approuve par

Designed by/Concept par

Project Manager/Administrateur de Projets

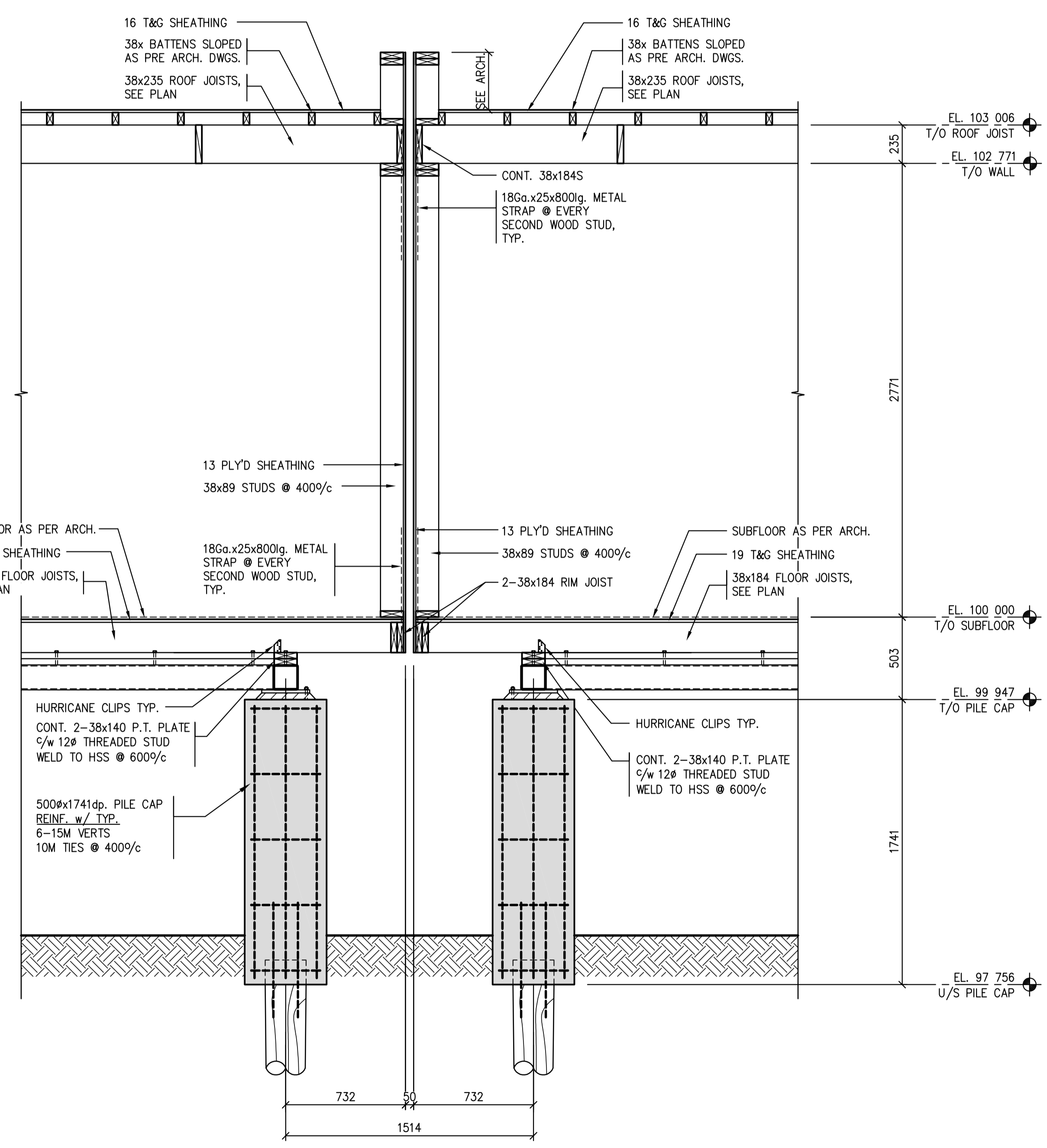
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Client/client

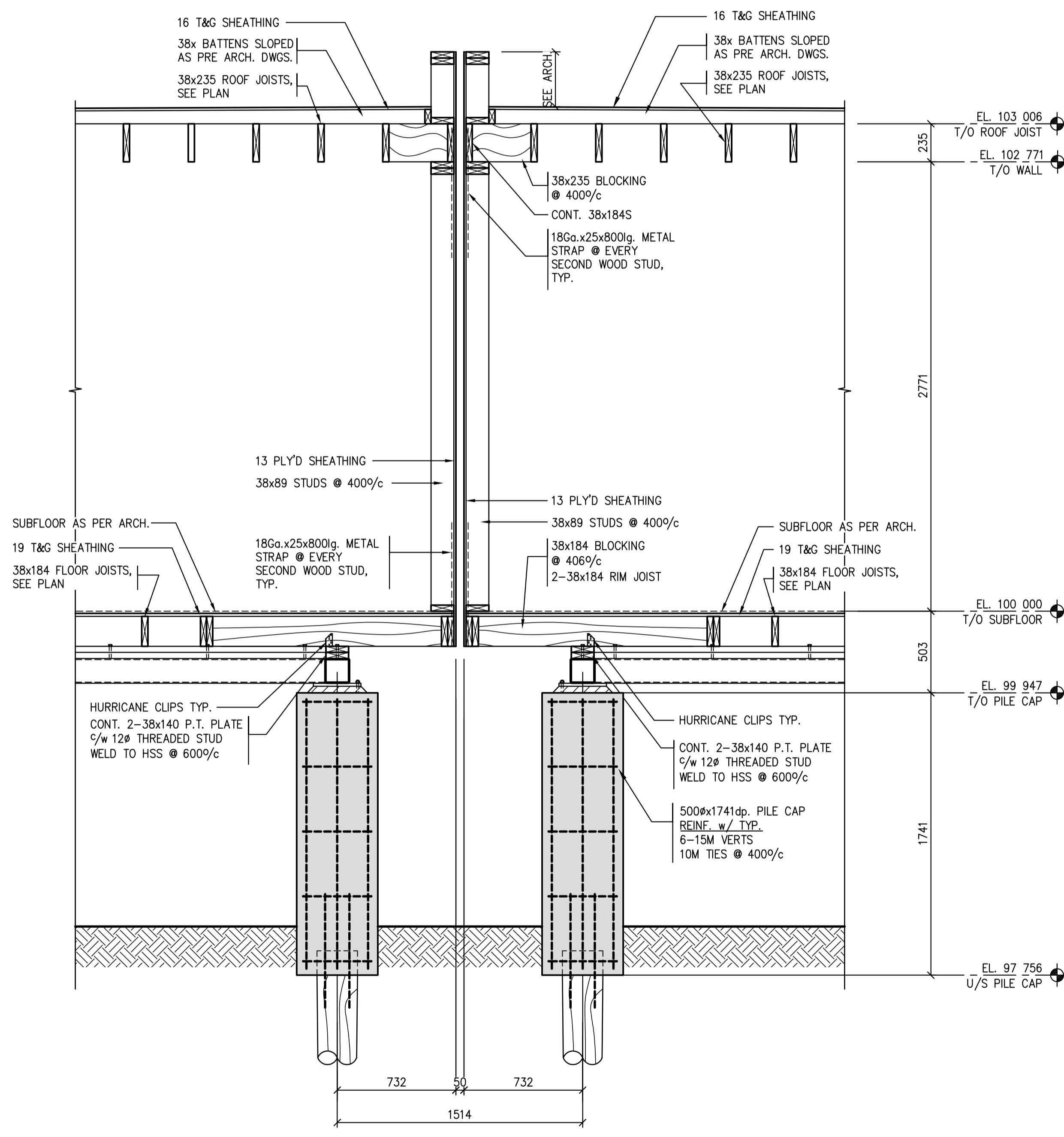
Drawing title/Titre du dessin

SECTIONS / DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S7	0



1 WALL SECTION
 1:20



2 WALL SECTION
 1:20



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NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

Project Manager/Administrateur de Projets

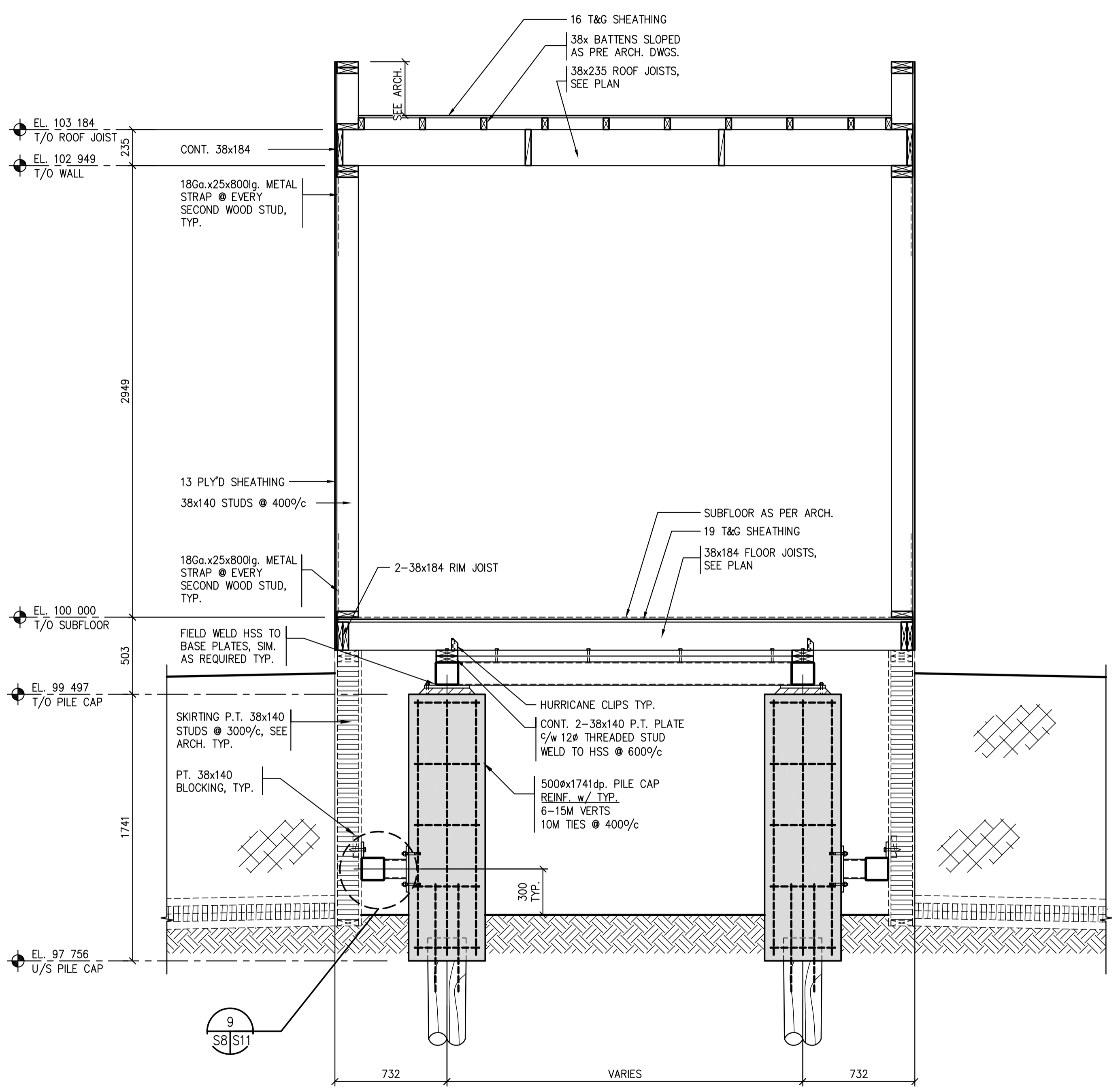
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Client/client

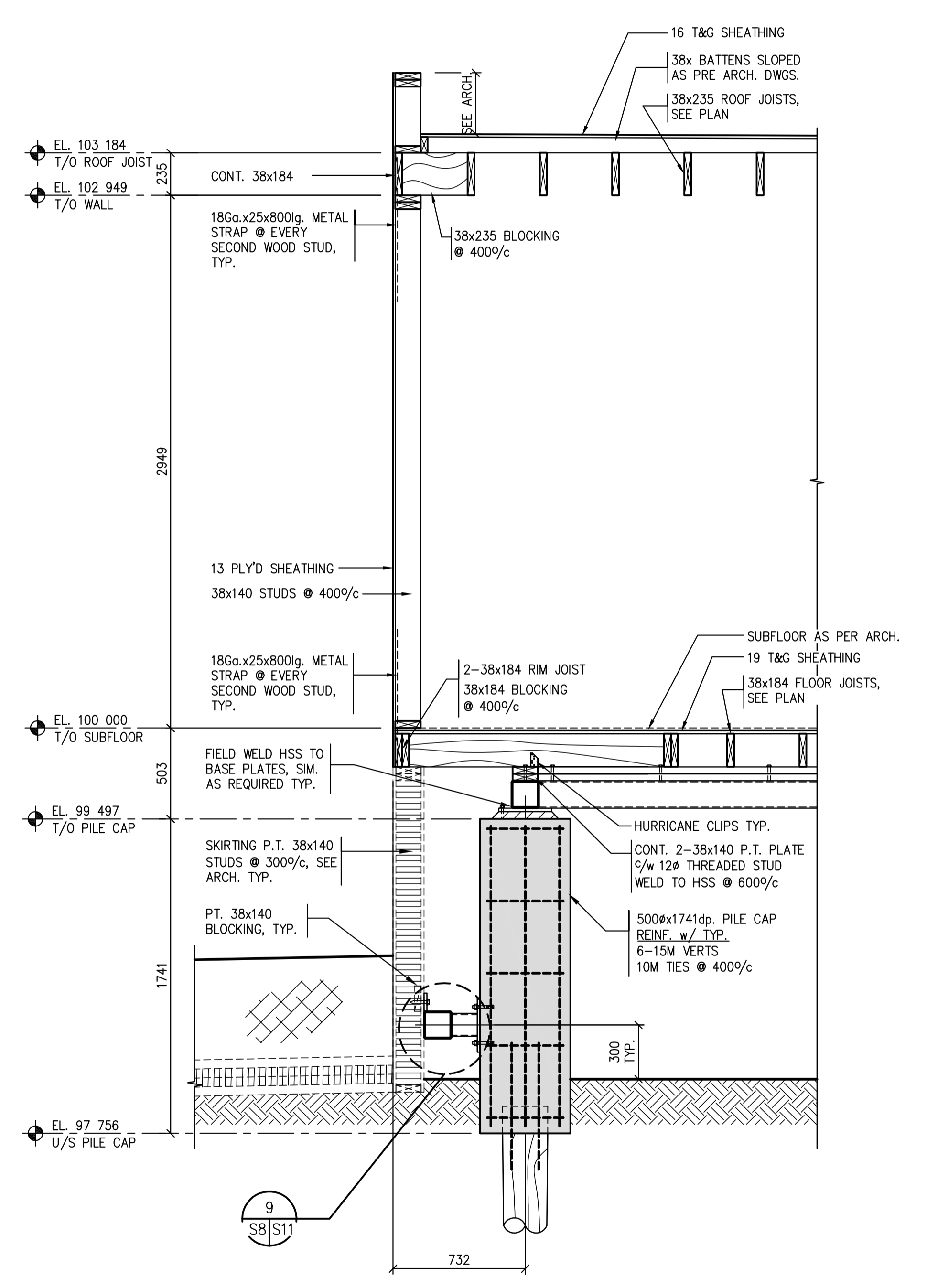
Drawing title/Titre du dessin

SECTIONS / DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S8	0



1 TYPICAL UNIT SECTION
 S2,S4|S8 1:20



2 WALL SECTION
 S2,S4|S8 1:20





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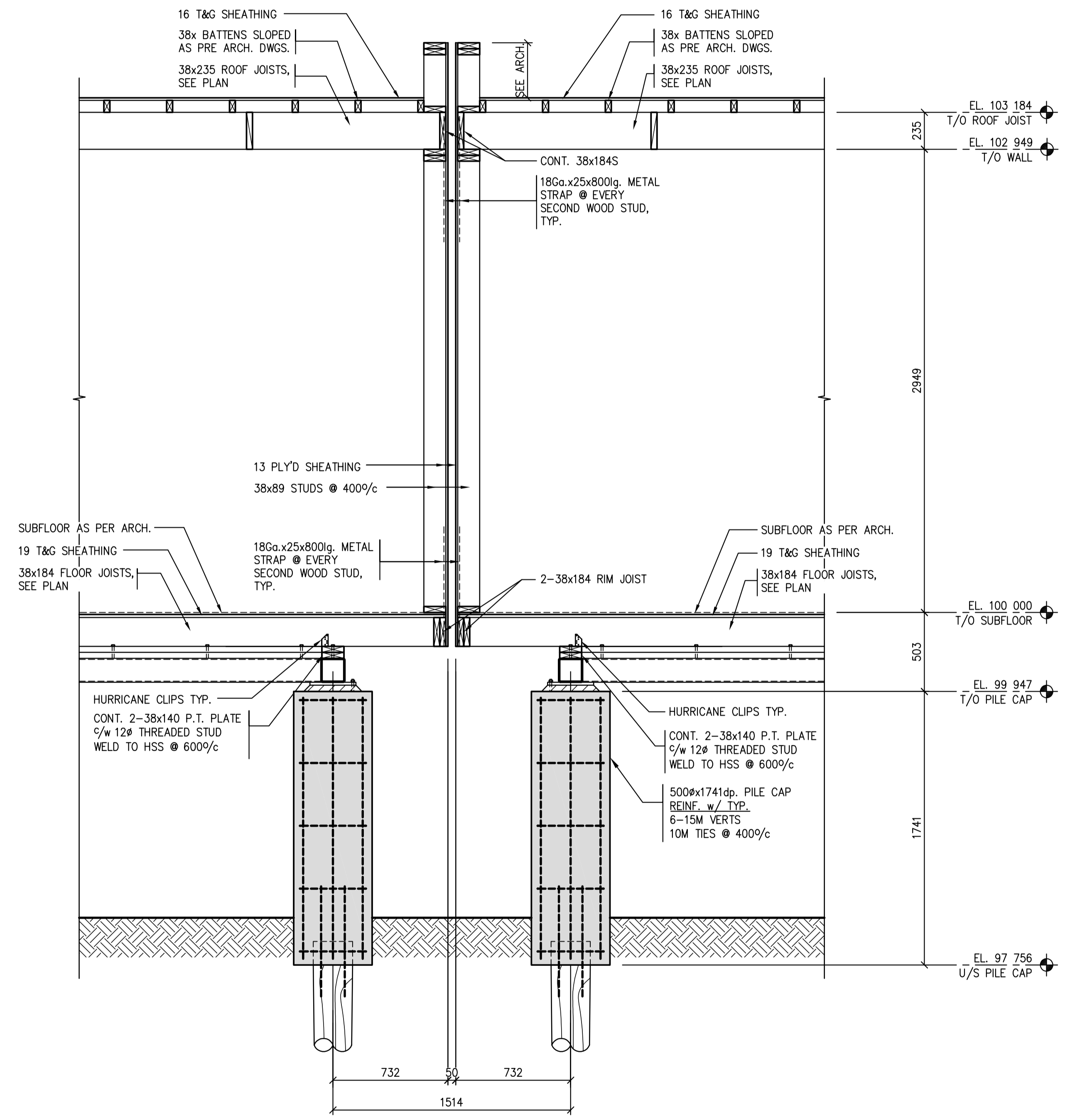
Project title/Titre du projet
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approuvé par
 Designed by/Concept par
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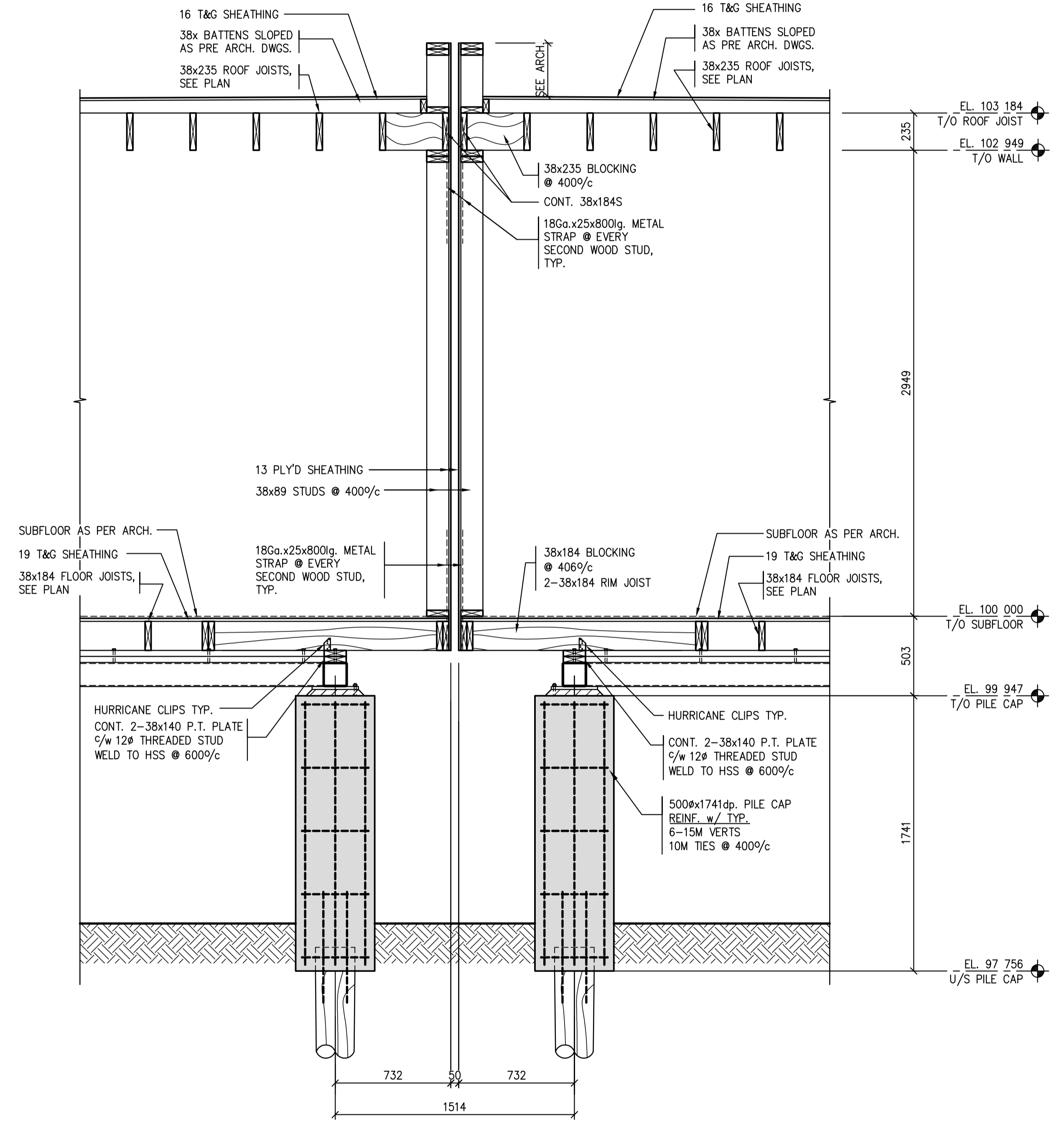
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Drawing title/Titre du dessin
SECTIONS / DETAILS

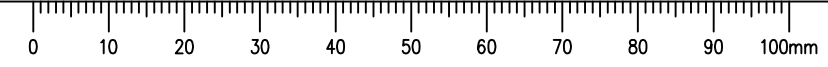
Project No./No. du projet S-35-2014	Sheet/Fauille S9	Revision no./La Révision no. 0
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1 WALL SECTION
 1:20



2 WALL SECTION
 1:20





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Revision/Revision	Description/Description	Date/Date
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NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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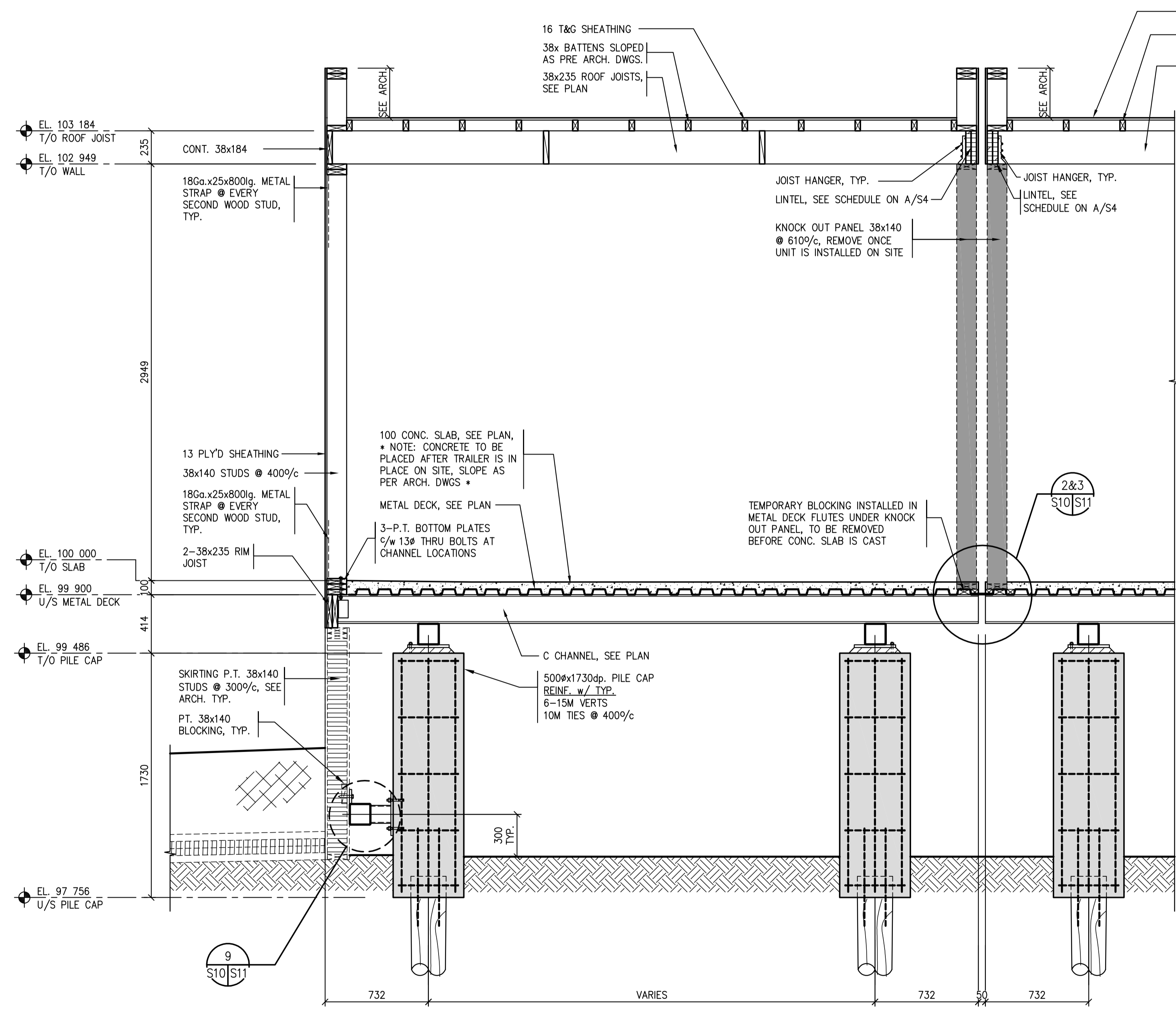
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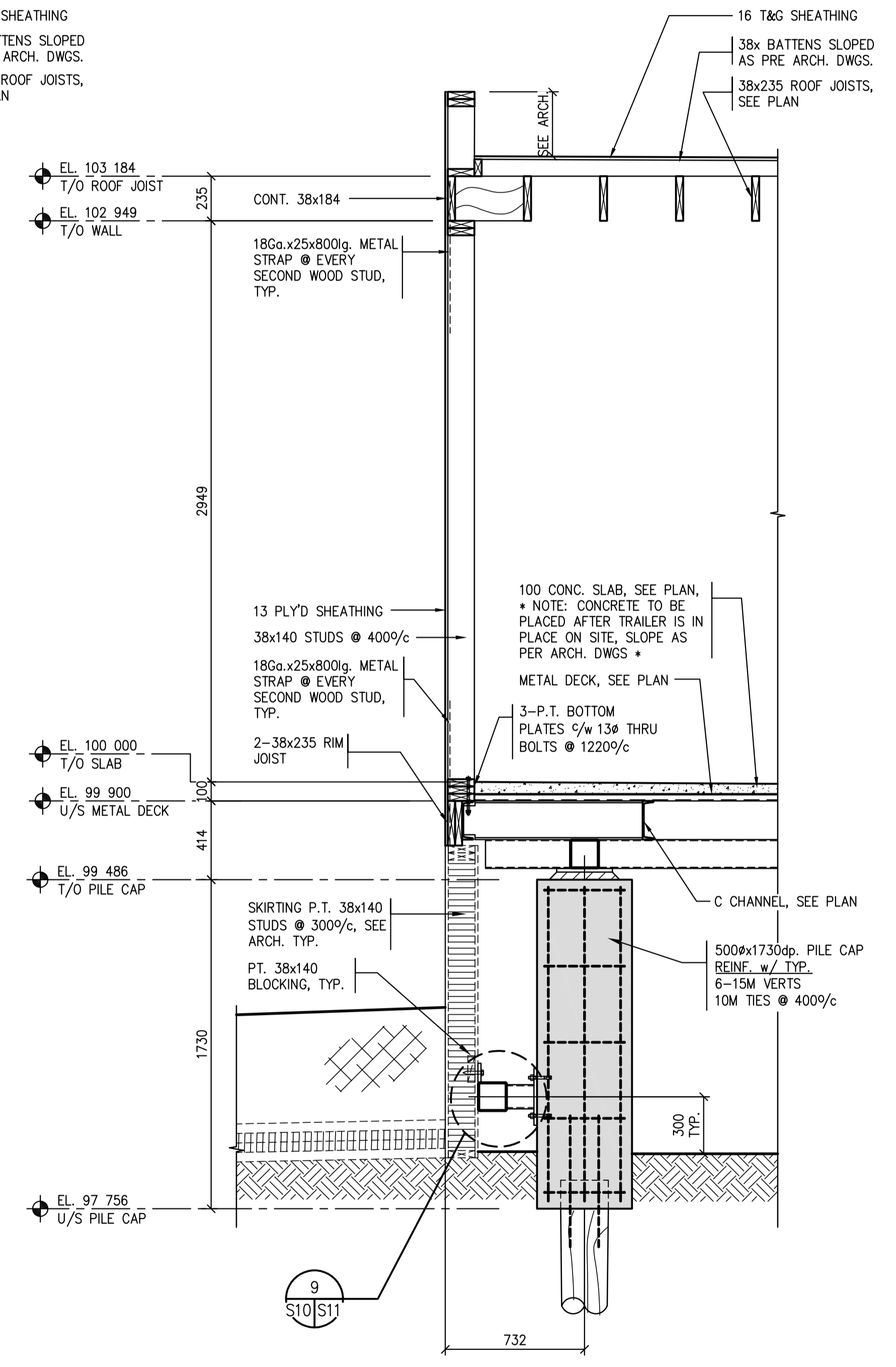
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SECTIONS / DETAILS

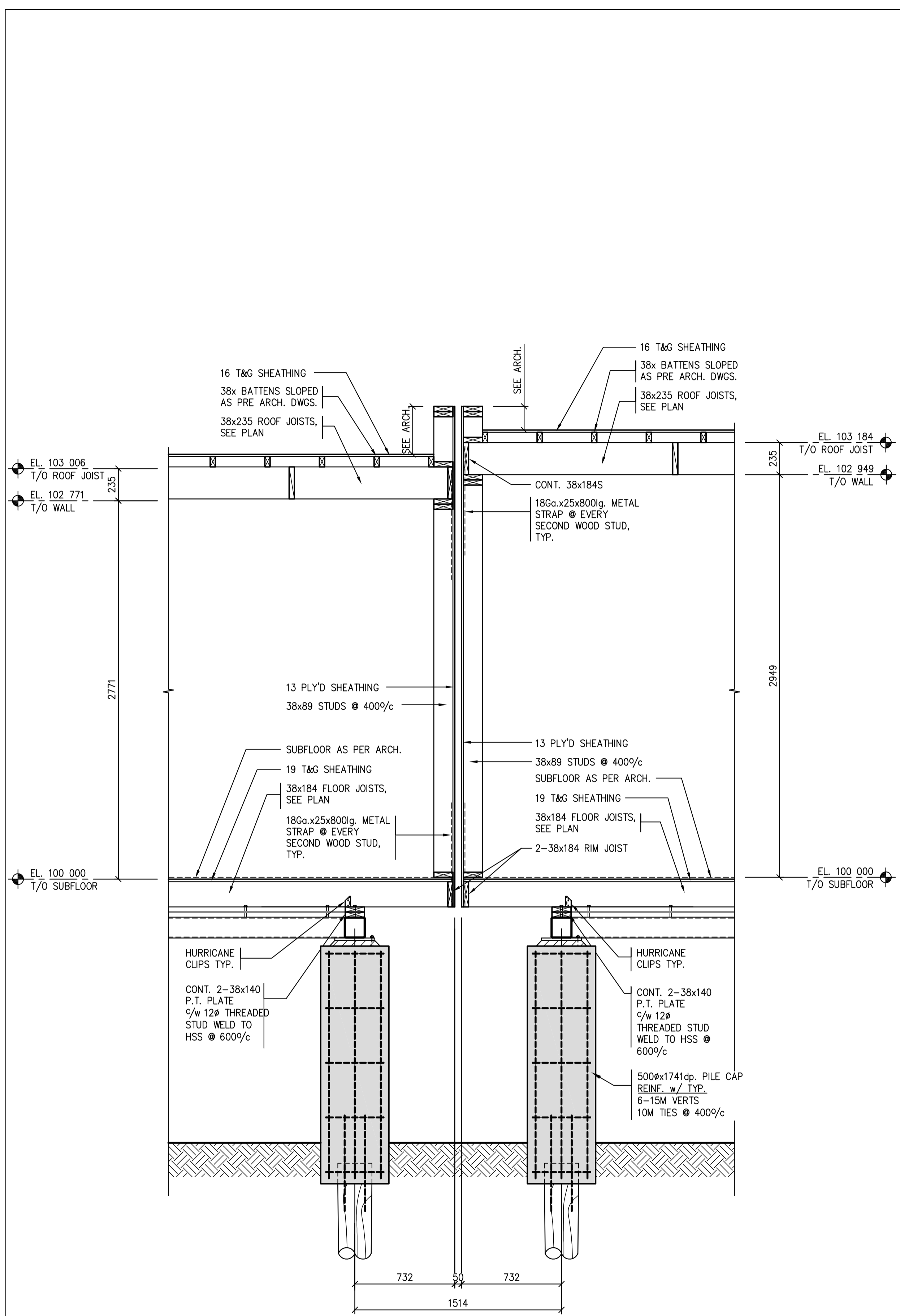
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S-35-2014	S10	0



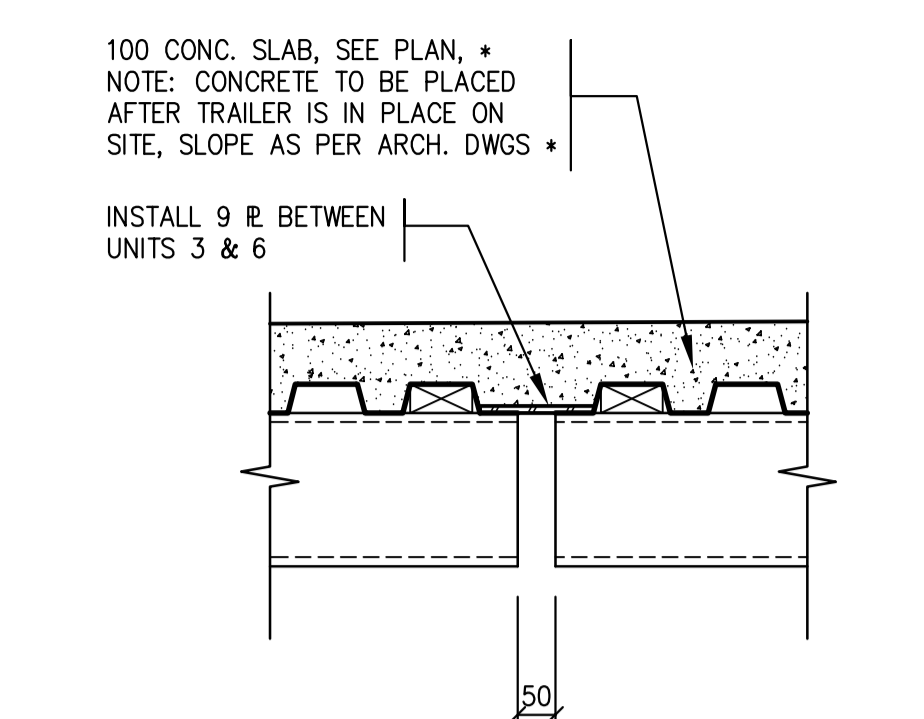
1 SECTION AT UNIT 17 & 18
 S1,S2,S4|S10 1:20



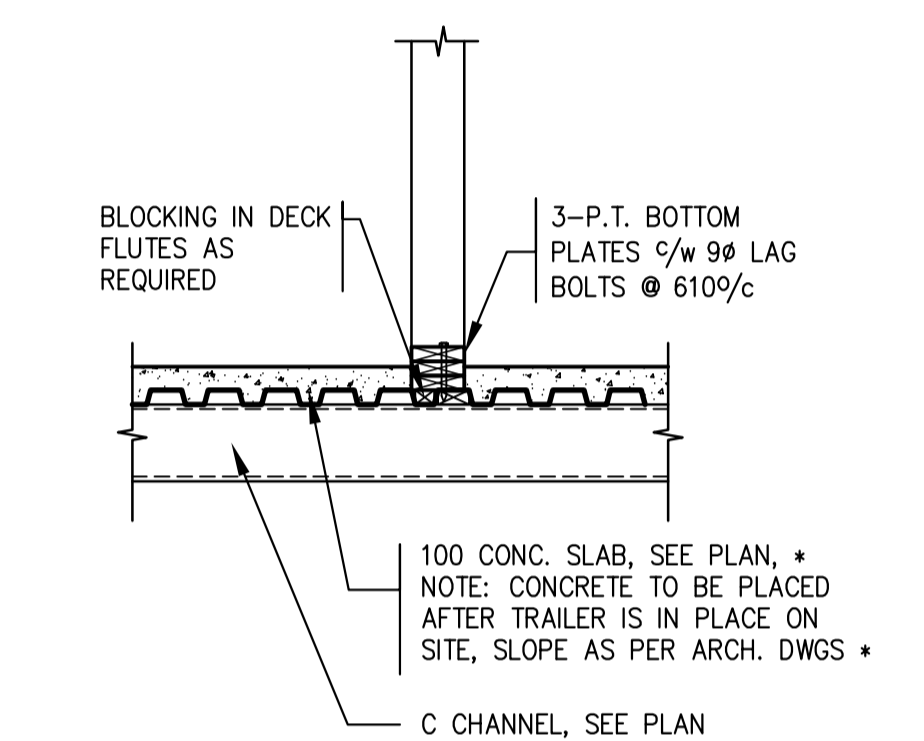
2 SECTION AT UNIT 17 & 18
 S2,S4|S10 1:20



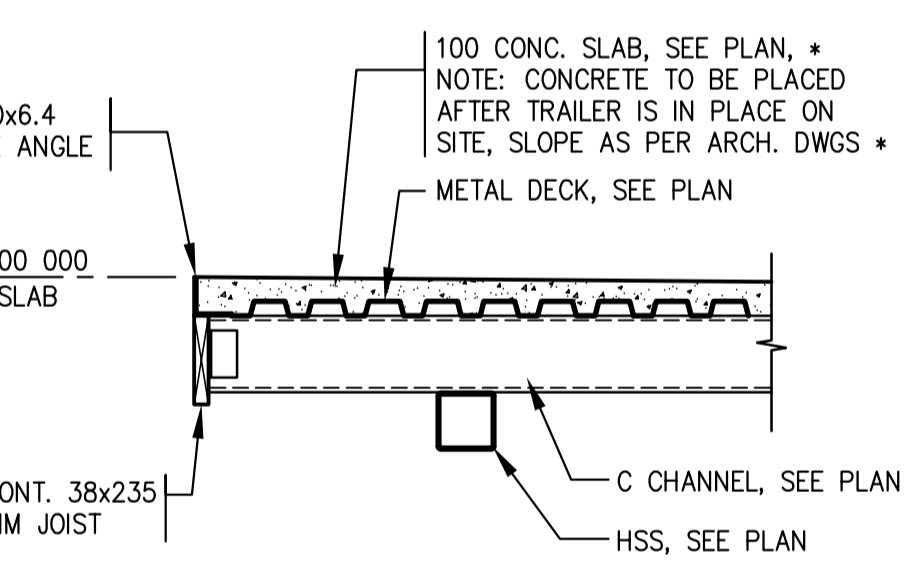
1 WALL SECTION 1:20



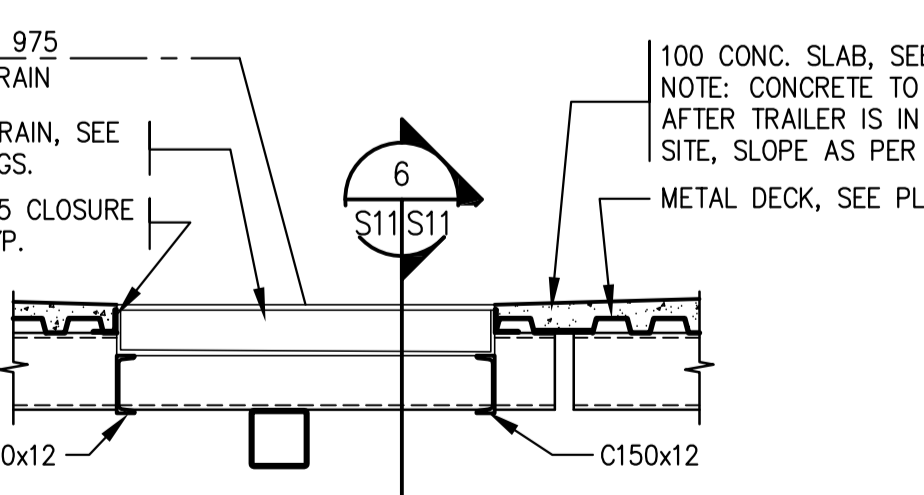
2 CONNECTION DETAIL BETWEEN UNITS 3 & 6 AT CONC. SLAB ON METAL DECK 1:10



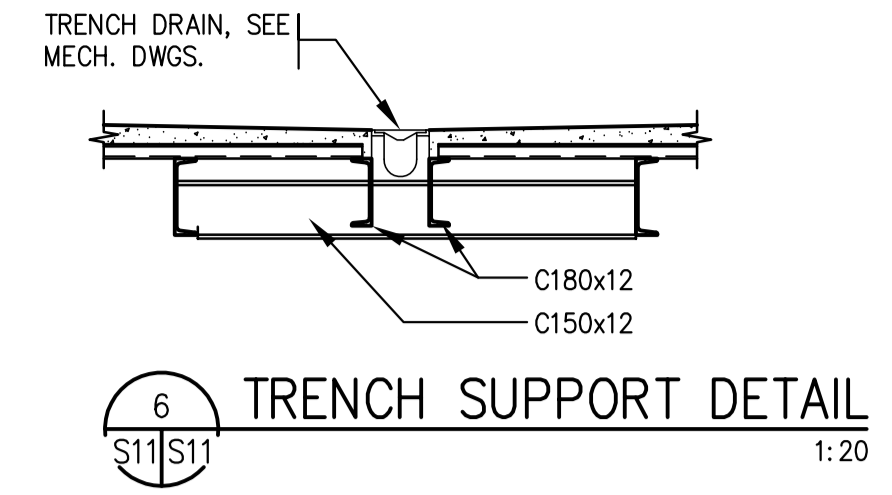
3 CONNECTION DETAIL AT INTERIOR WALL IN UNITS 3 & 6 1:20



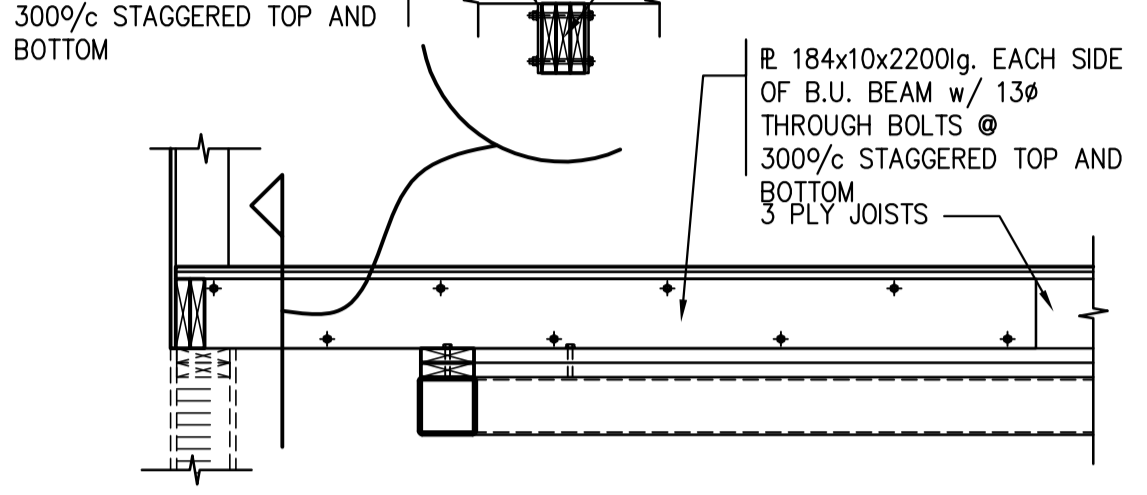
4 DETAIL AT O.H. & MAN DOOR LOCATION IN UNIT 3 1:20



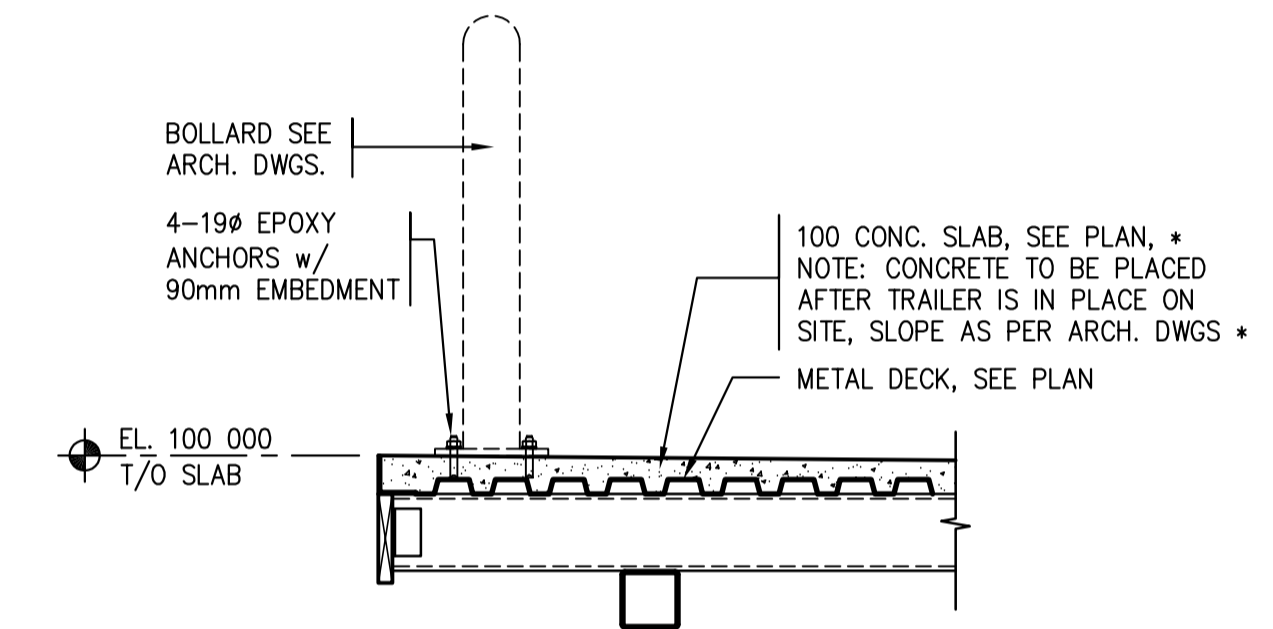
5 TRENCH SUPPORT DETAIL 1:20



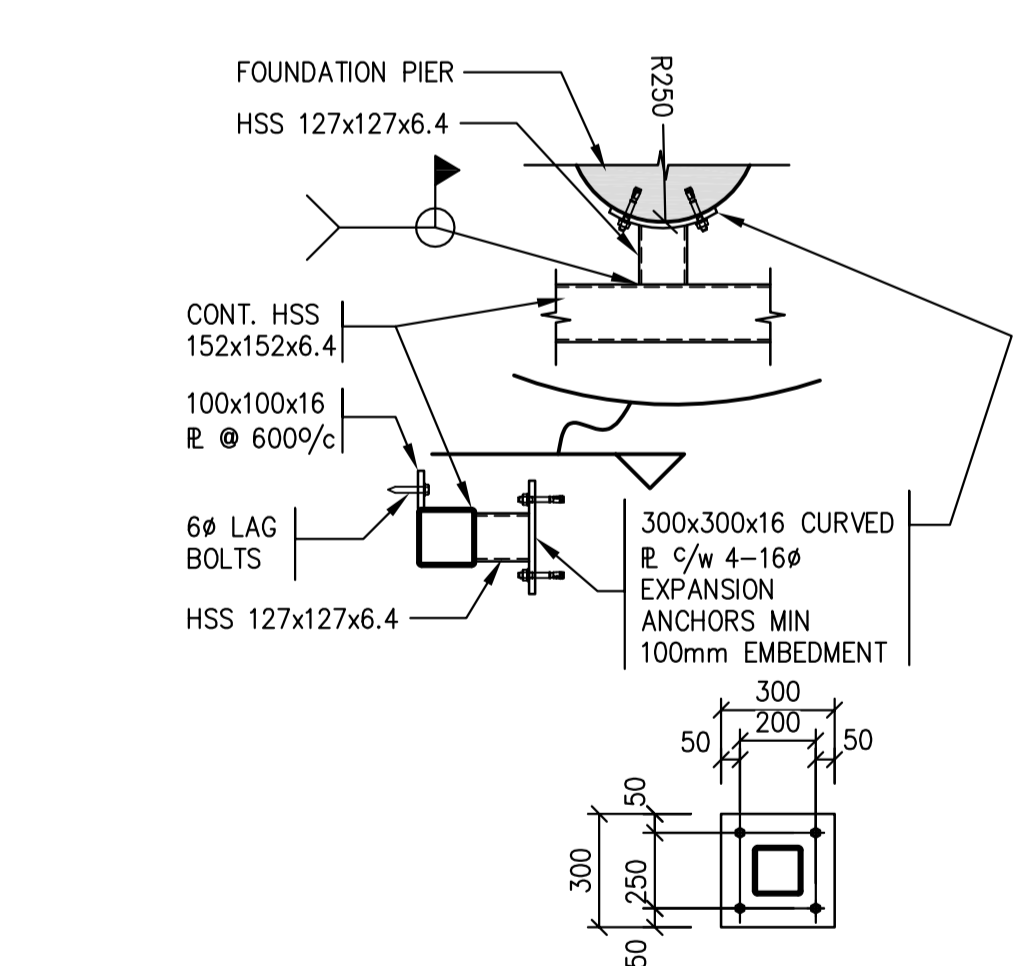
6 TRENCH SUPPORT DETAIL 1:20



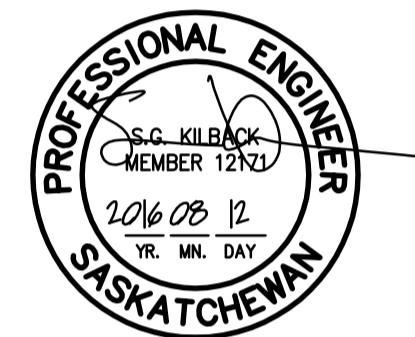
7 JOIST DETAIL AT 3 PLY BUILT UP COL. TYP. 1:20



8 BOLLARD CONNECTION DETAIL IN UNIT 17 & 18 1:20



9 TYP. - SKIRTING TO FOUNDATION 1:20



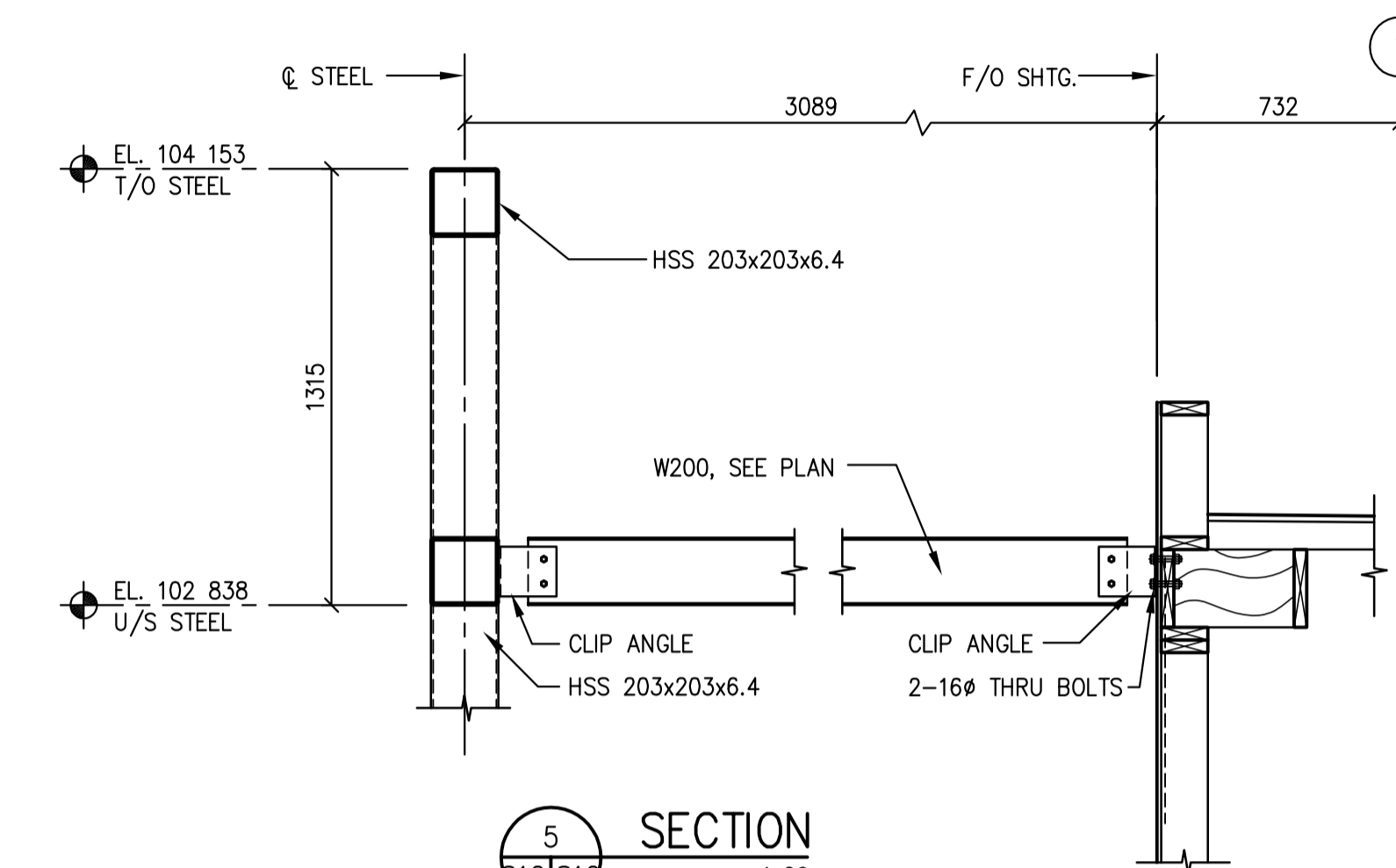
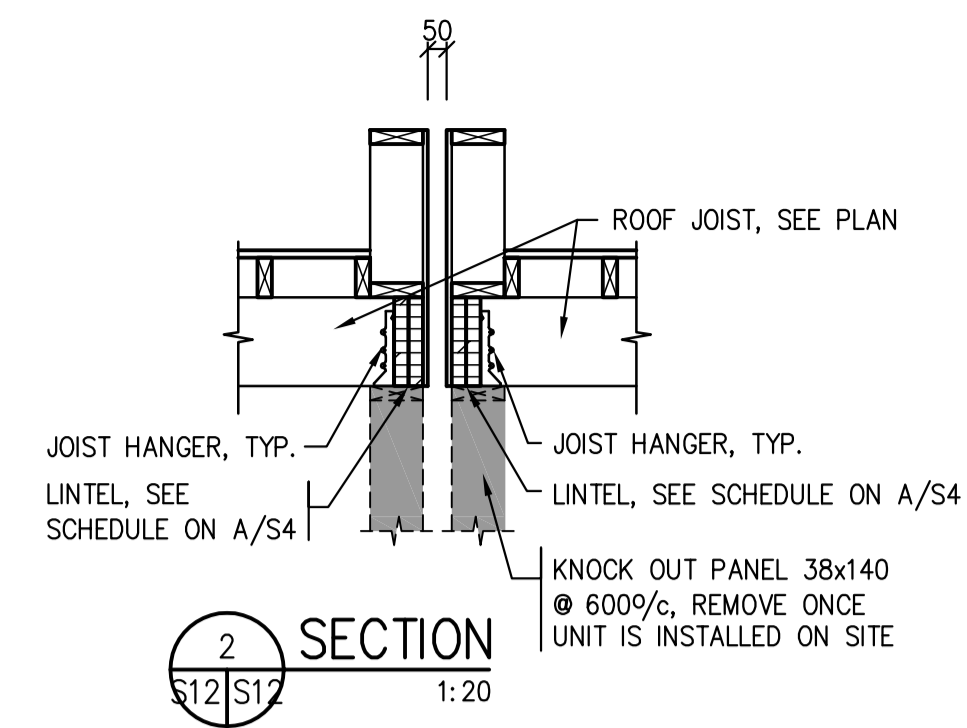
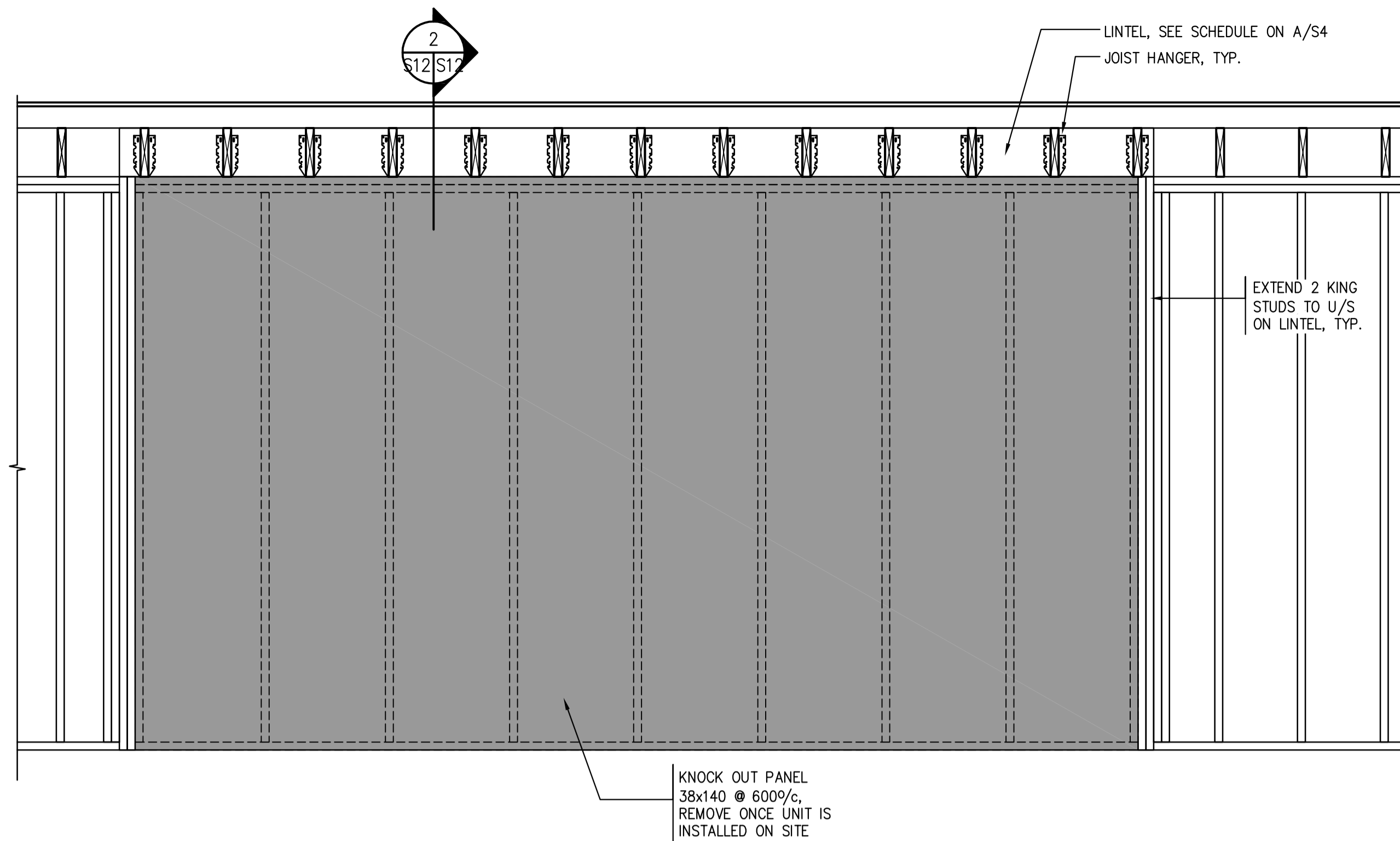
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NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

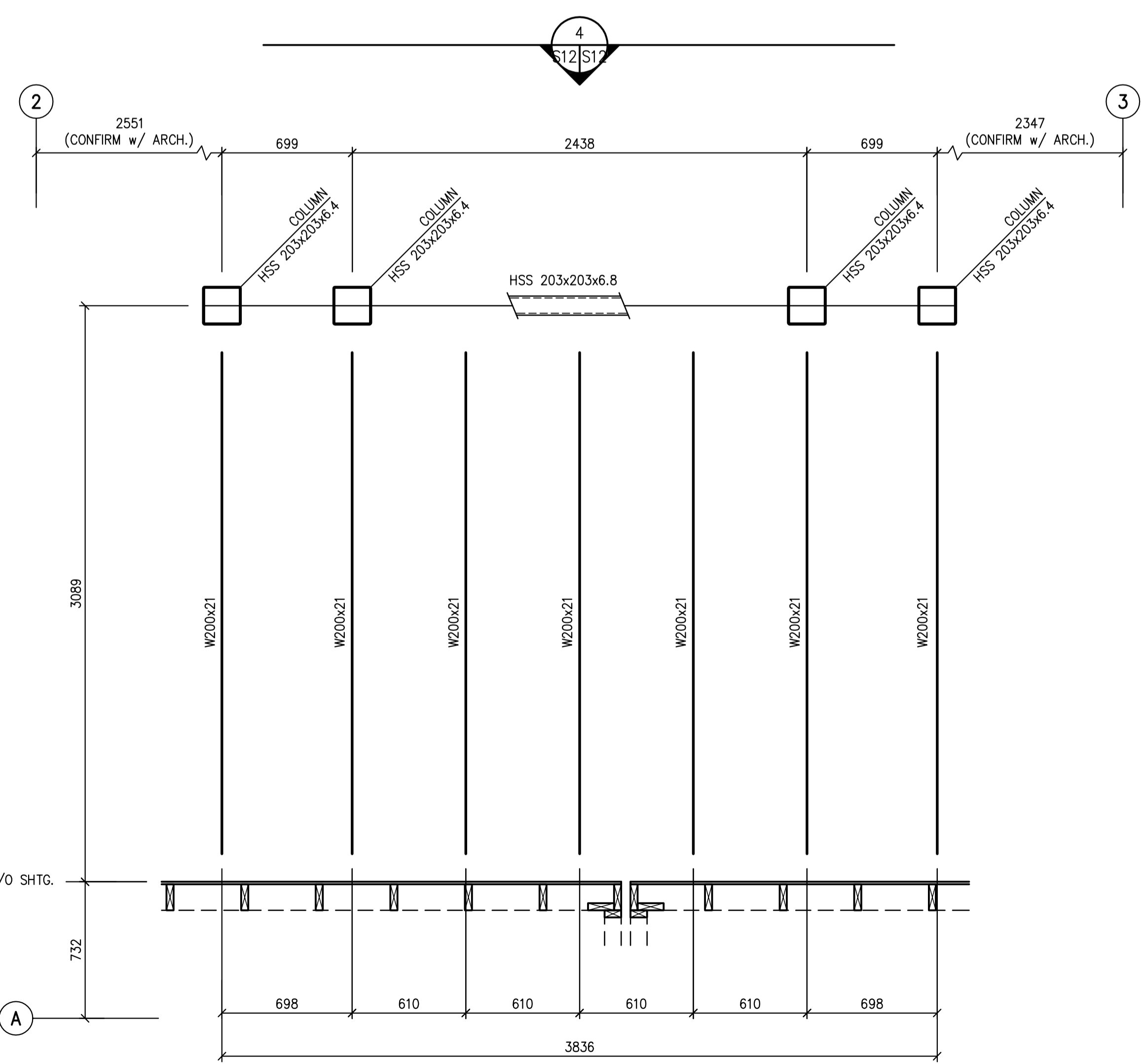
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Drawing title/Titre du dessin
SECTIONS / DETAILS



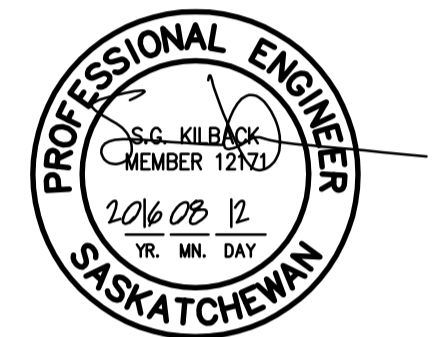
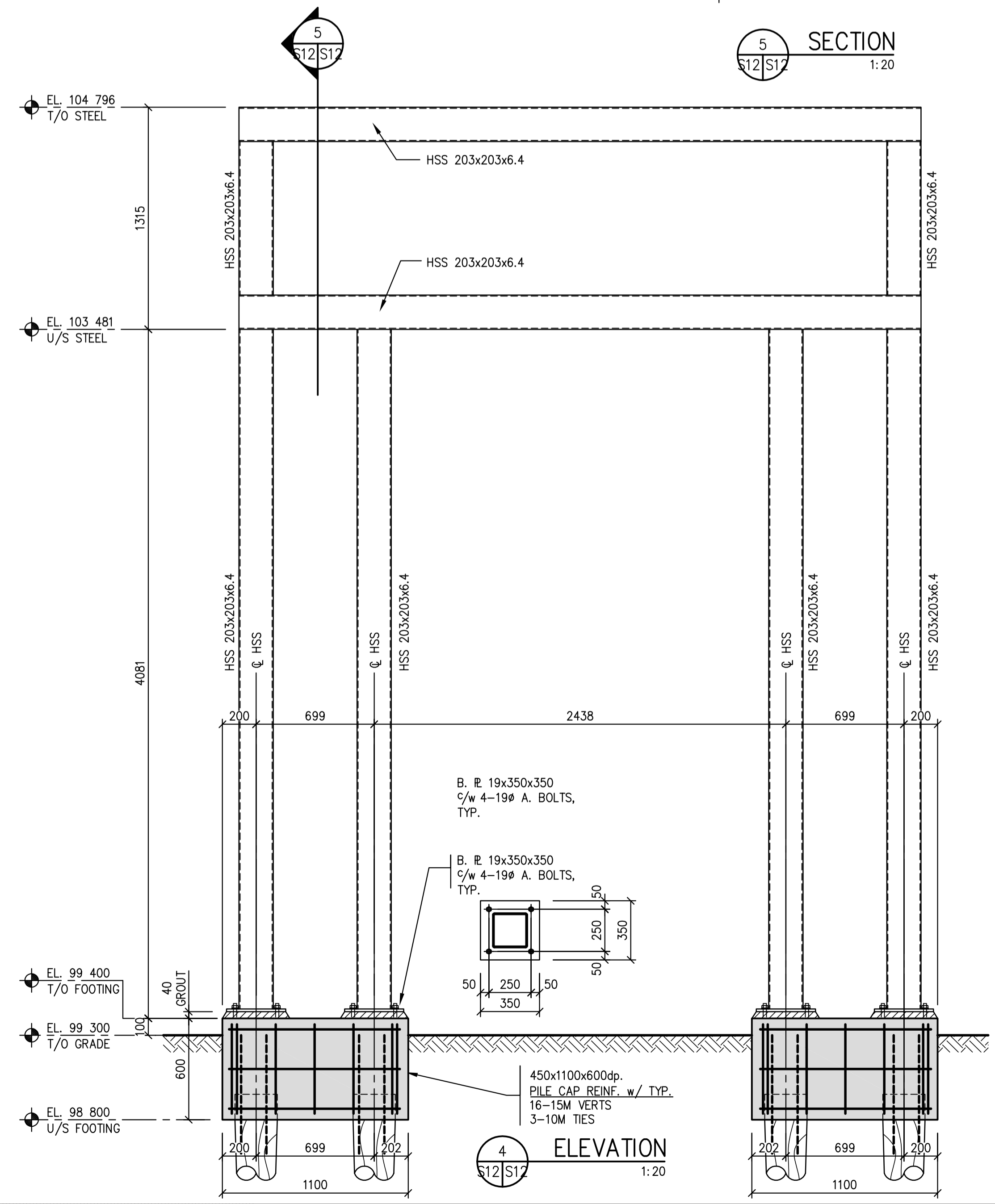
1
1/2 S17

ELEVATION AT FULL HEIGHT WALL OPENING
1:20



3
1/2 S17

FRONT SIGN CANOPY - PLAN
1:20



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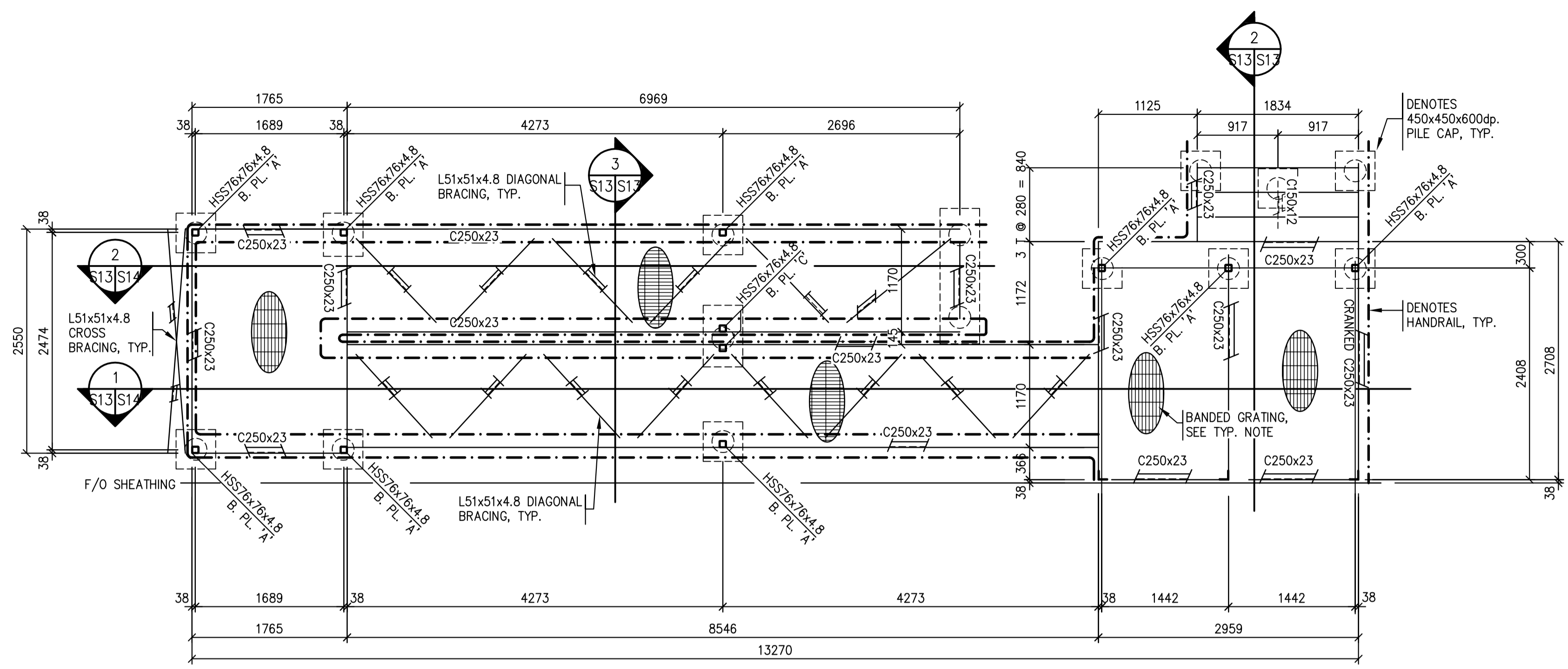
NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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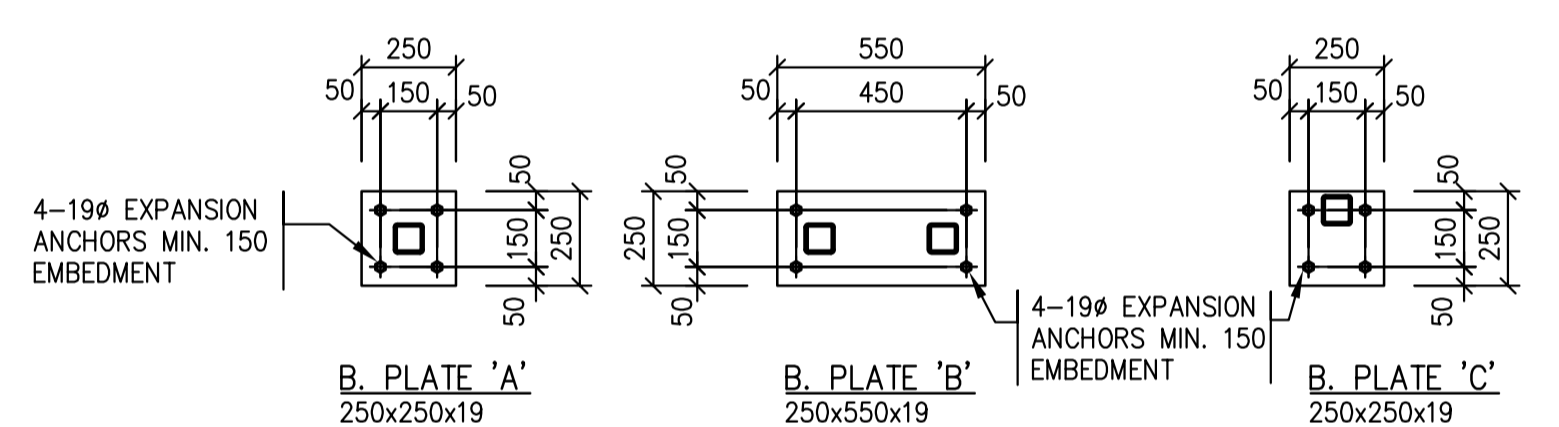
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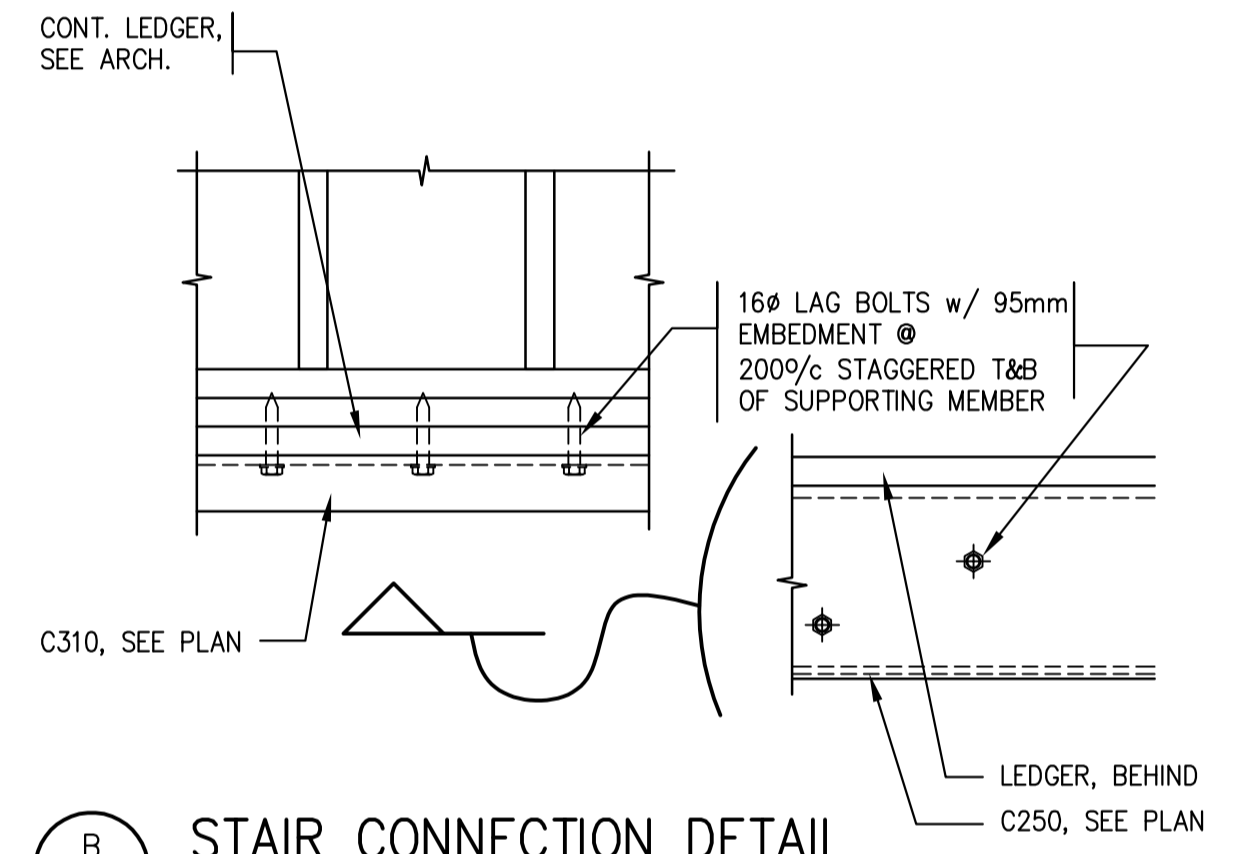
Project No./No. du projet S-35-2014	Sheet/Fauille S12	Revision no./La Révision no. 0
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1 MAIN EXTERIOR STAIR PLAN / PEDESTRIAN RAMP
S13/S13 1:40

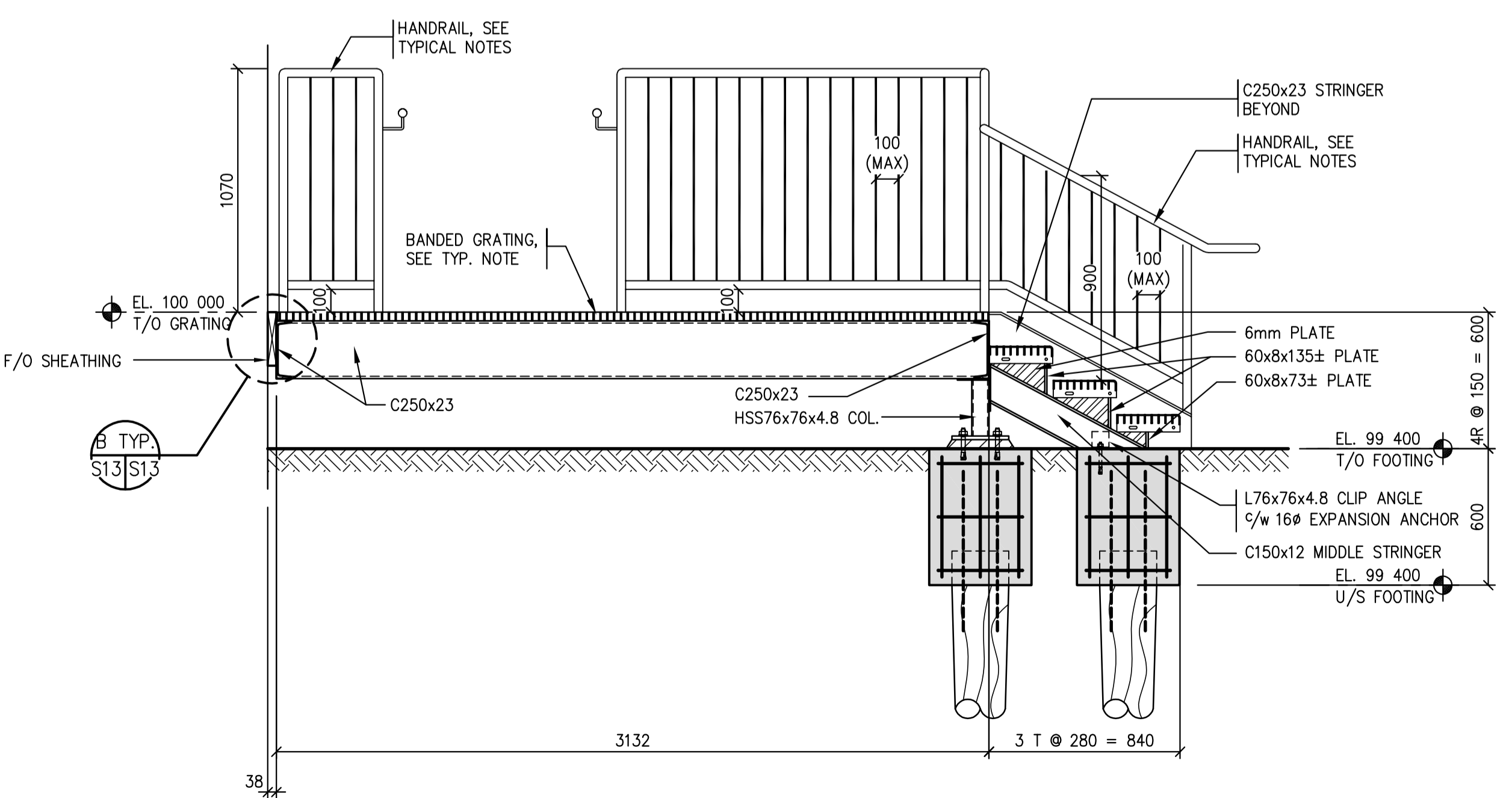


A BASE PLATE DETAILS - MAIN ENTRANCE STAIRS
S13/S13 1:20

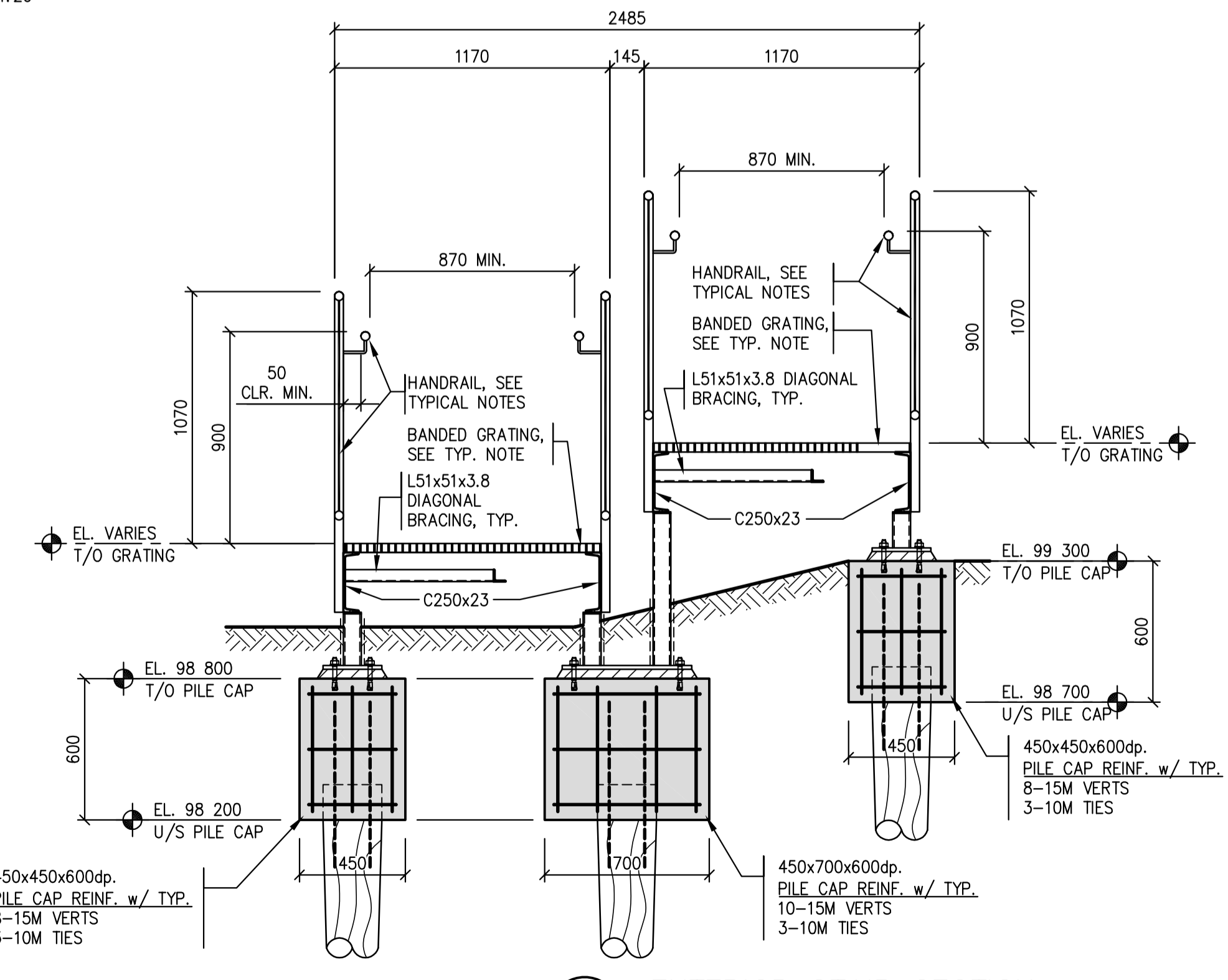


B STAIR CONNECTION DETAIL TO UNITS - TYP.
S13/S13 1:20

- STAIR NOTES:**
1. ALL STAIR, RAMP AND LANDING STEEL TO BE GALVANIZED.
 2. TYPICAL STAIR STRINGER TO BE C250x23 U.N.O. GALVANIZED.
 3. HAND AND GUARDRAIL HORIZONTAL MEMBERS TO BE FROM DN38 STD. WALL HSS PIPE. VERTICAL MEMBERS TO BE FROM DN38 STD. WALL PIPE. AT MAX 1500% C. VERTICAL PICKETS TO BE FROM 10mm Ø ROD SPACED AT MAX 100% C. ALL PIPE TO BE 240MPa. ALL MEMBERS TO BE GALVANIZED.
 4. ALL CONNECTIONS TO BE BOLTED UNLESS APPROVED.
 5. TYPICAL STAIR TREAD TO BE SERRATED GRATING 38x4.8 BEARING BARS TYPE 30-102M 5/8" ABRASIVE NOSING, GALVANIZED.
 6. TYPICAL LANDING AND RAMP GRATING TO BE SERRATED GRATING 25x4.8 BEARING BARS TYPE 18x102M BANDED, GALVANIZED. SEE DETAIL 7/S9 FOR GRATING ANCHORAGE DETAIL, TYP.
 7. ANY PENETRATIONS THROUGH THE GRATING FOR DOWN SPOUTS TO BE CUT ON SITE AS REQUIRED.
 8. COLUMN & BASE PLATES BELOW ELEVATION 99 400 FINISHED GRADE TO BE COATED WITH MC-Tor AS MANUFACTURED BY WASSER HIGH-TECH COATINGS, TYP.



2 EXTERIOR STAIR SECTION
S13/S13 1:20



3 EXTERIOR STAIR SECTION
S13/S13 1:20



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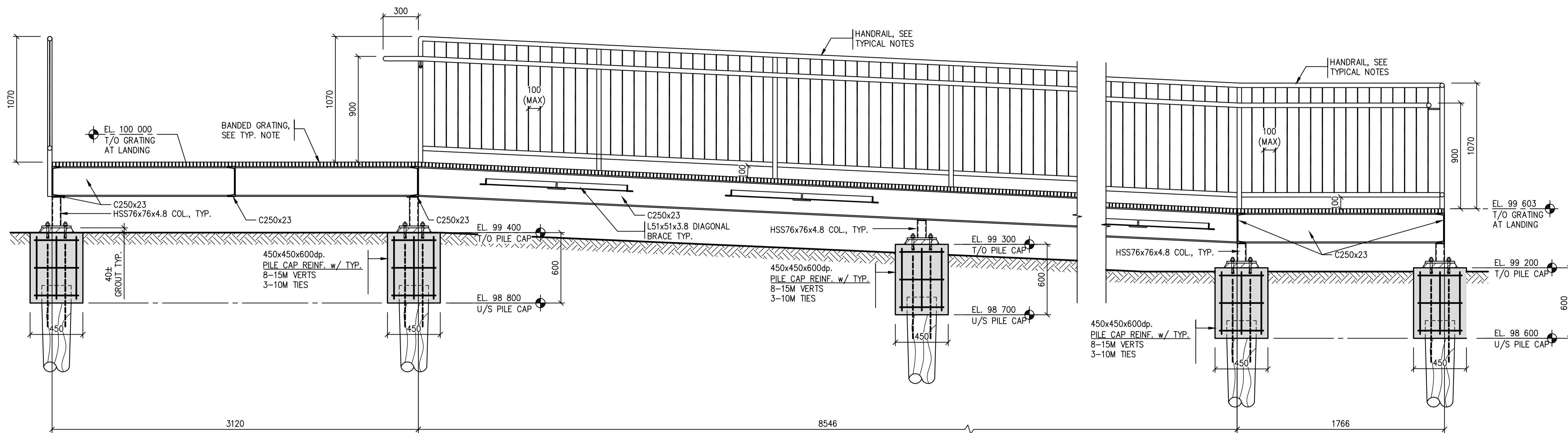
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NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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Designed by/Concept par
Drawn by/Dessine par
Project Manager/Administrateur de Projets

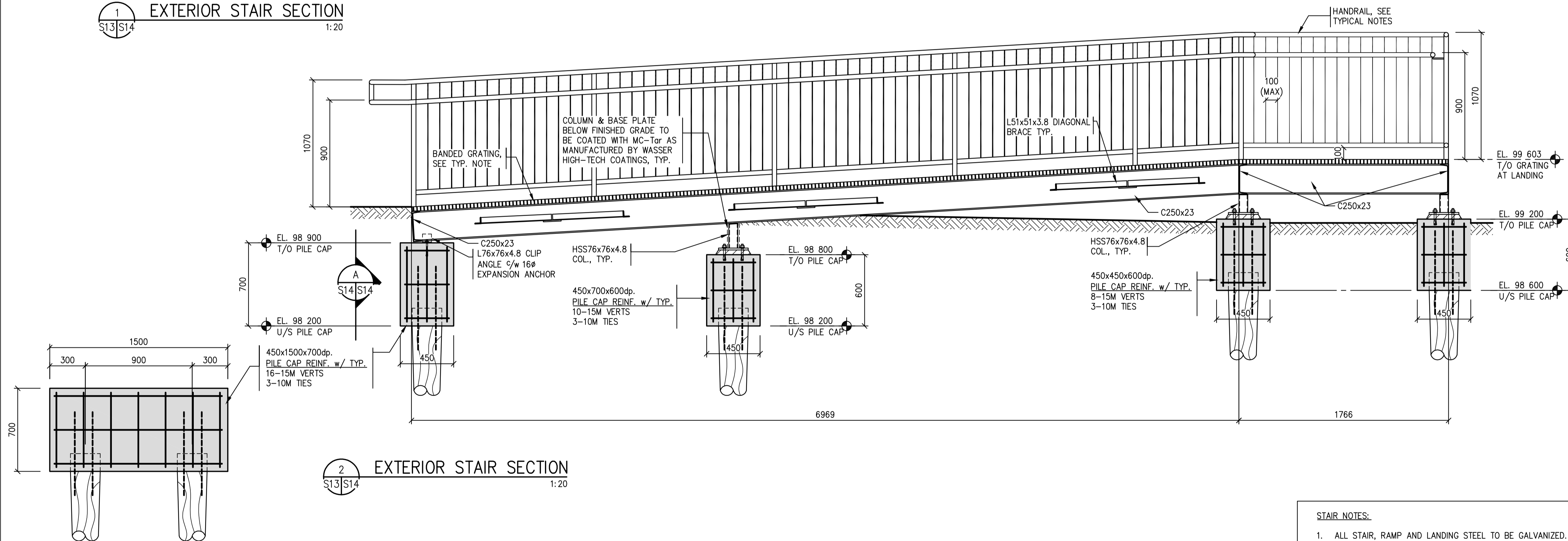
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SECTIONS / DETAILS

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1 EXTERIOR STAIR SECTION
S13/S14 1:20



2 EXTERIOR STAIR SECTION
S13/S14 1:20

A PILE CAP - ELEVATION
S14/S14 1:20

STAIR NOTES:

- ALL STAIR, RAMP AND LANDING STEEL TO BE GALVANIZED.
- TYPICAL STAIR STRINGER TO BE C250x23 U.N.O. GALVANIZED.
- HAND AND GUARDRAIL HORIZONTAL MEMBERS TO BE FROM DN38 STD. WALL HSS PIPE. VERTICAL MEMBERS TO BE FROM DN38 STD. WALL PIPE. AT MAX 1500% C. VERTICAL PICKETS TO BE FROM 10mmØ ROD SPACED AT MAX 100% C. ALL PIPE TO BE 240MPa. ALL MEMBERS TO BE GALVANIZED.
- ALL CONNECTIONS TO BE BOLTED UNLESS APPROVED.
- TYPICAL STAIR TREAD TO BE SERRATED GRATING 38x4.8 BEARING BARS TYPE 30-102M C/W ABRASIVE NOSING, GALVANIZED.
- TYPICAL LANDING AND RAMP GRATING TO BE SERRATED GRATING 25x4.8 BEARING BARS TYPE 18x102M BANDIED, GALVANIZED. SEE DETAIL 7/S9 FOR GRATING ANCHORAGE DETAIL, TYP.
- ANY PENETRATIONS THROUGH THE GRATING FOR DOWN SPOUTS TO BE CUT ON SITE AS REQUIRED.
- COLUMN & BASE PLATES BELOW ELEVATION 99.400 FINISHED GRADE TO BE COATED WITH MC-Tar AS MANUFACTURED BY WASSER HIGH-TECH COATINGS, TYP.



Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approve par

Designed by/Concept par

Drawn by/Dessine par

Project Manager/Administrateur de Projets

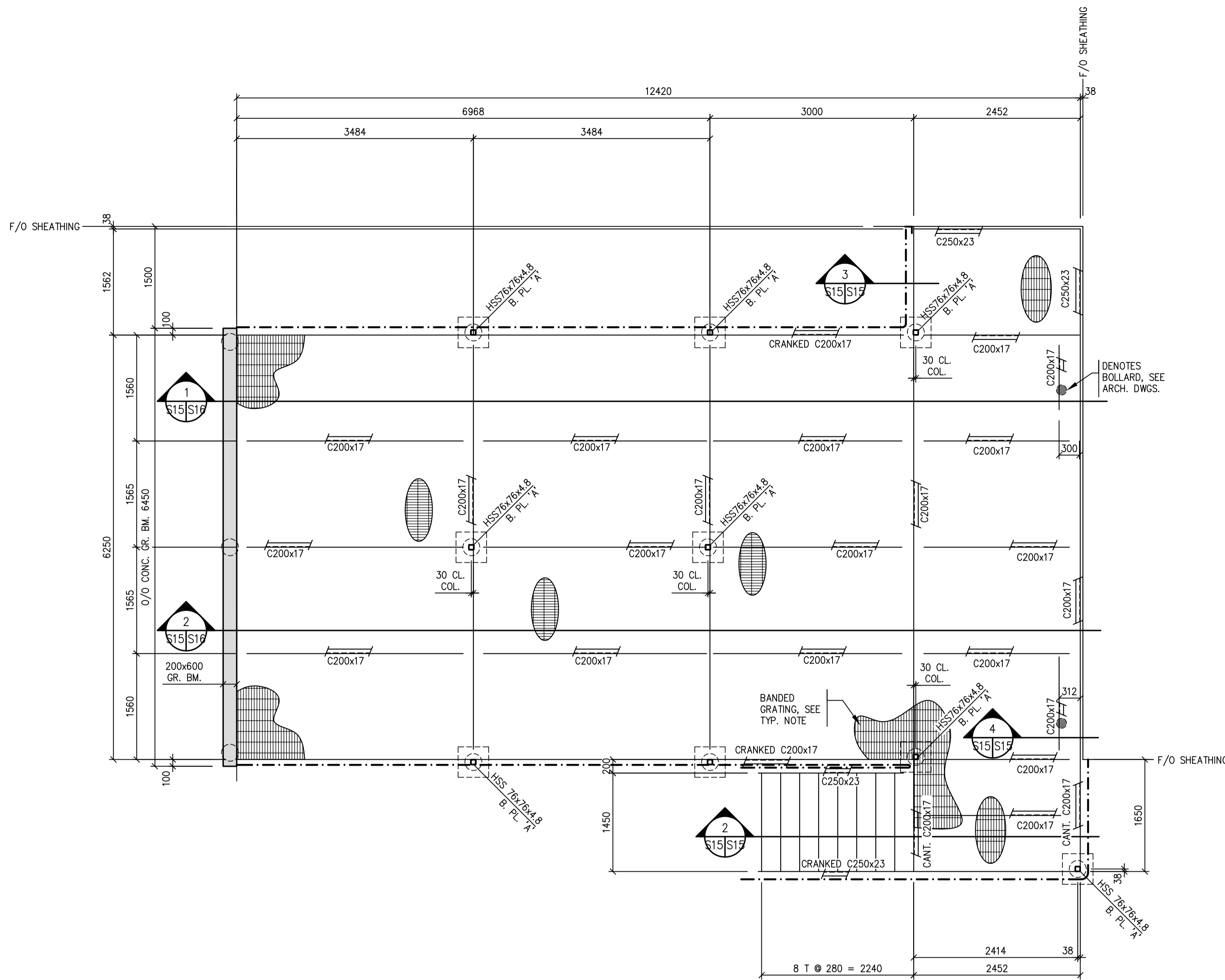
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie

Client/client

Drawing title/Titre du dessin

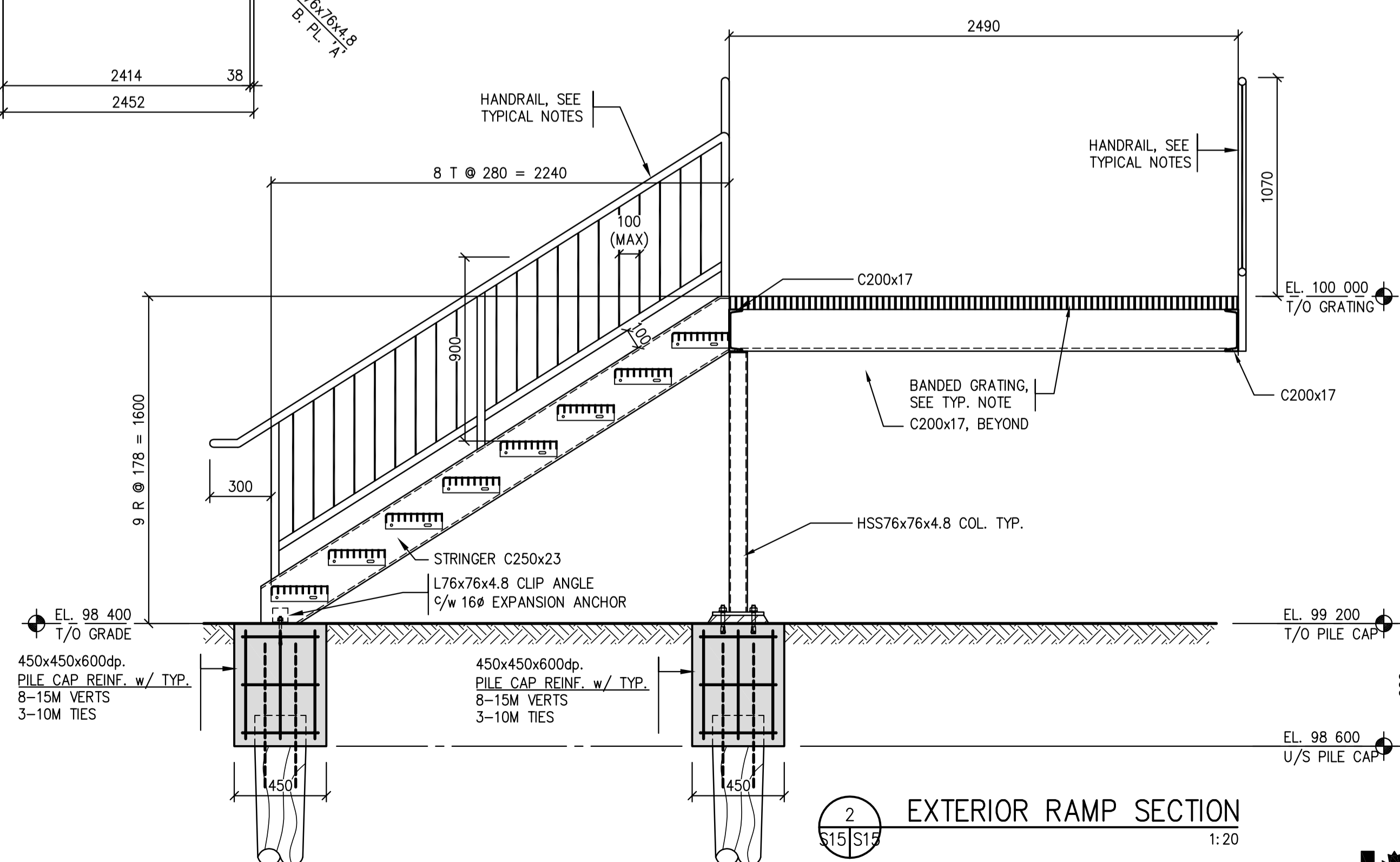
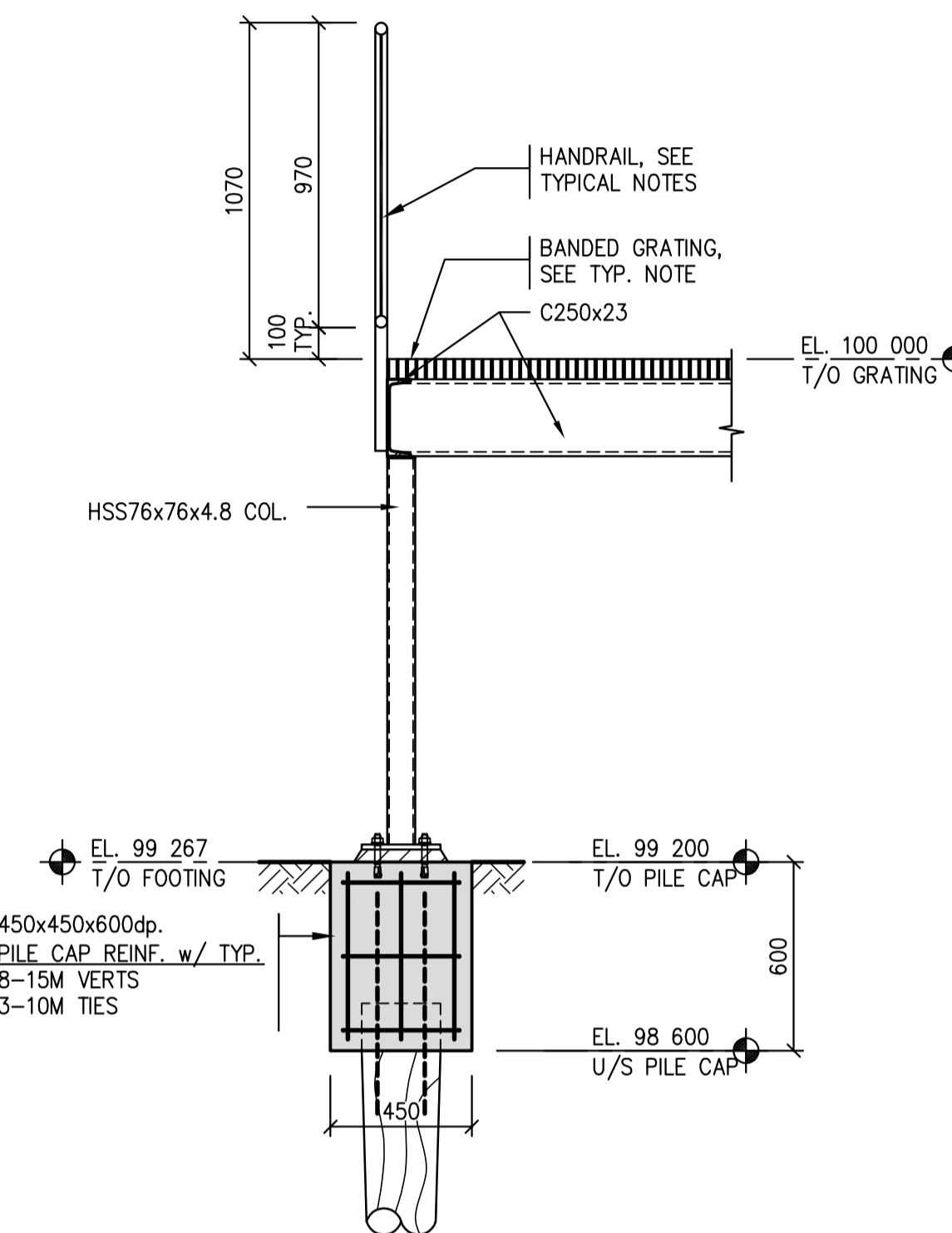
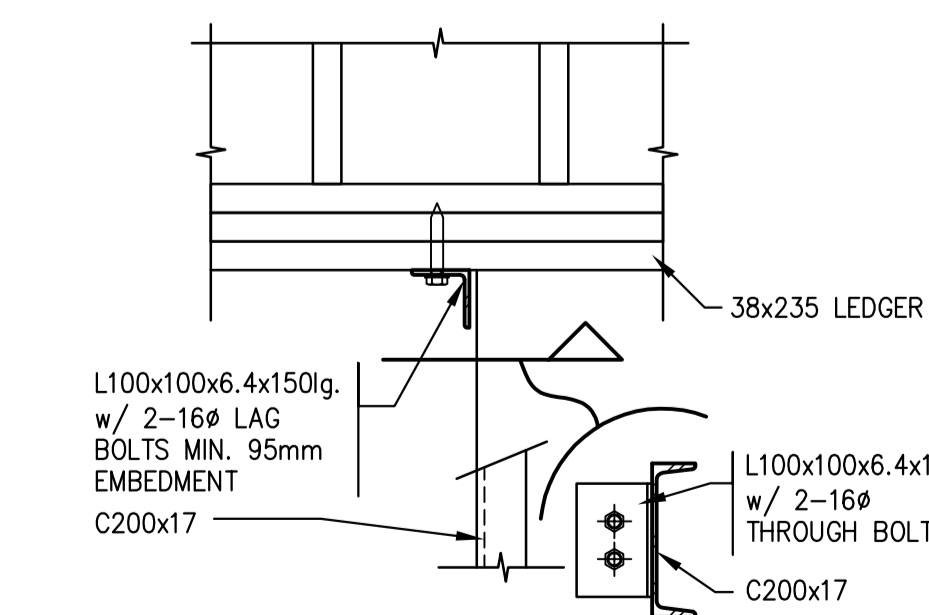
SECTIONS / DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S14	0



TYPICAL STAIR NOTES:

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- ANY PENETRATIONS THROUGH THE GRATING FOR DOWN SPOUTS TO BE CUT ON SITE AS REQUIRED.
- REFER TO S1 FOR PILE LAYOUT.



0	ISSUED FOR TENDER	16/08/12
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Revision/	Description/Description	Date/Date
Client/client		

Project title/Titre du projet

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AHTAHKAKOOP, SASKATCHEWAN

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Designed by/Concept par

Drawn by/Dessine par

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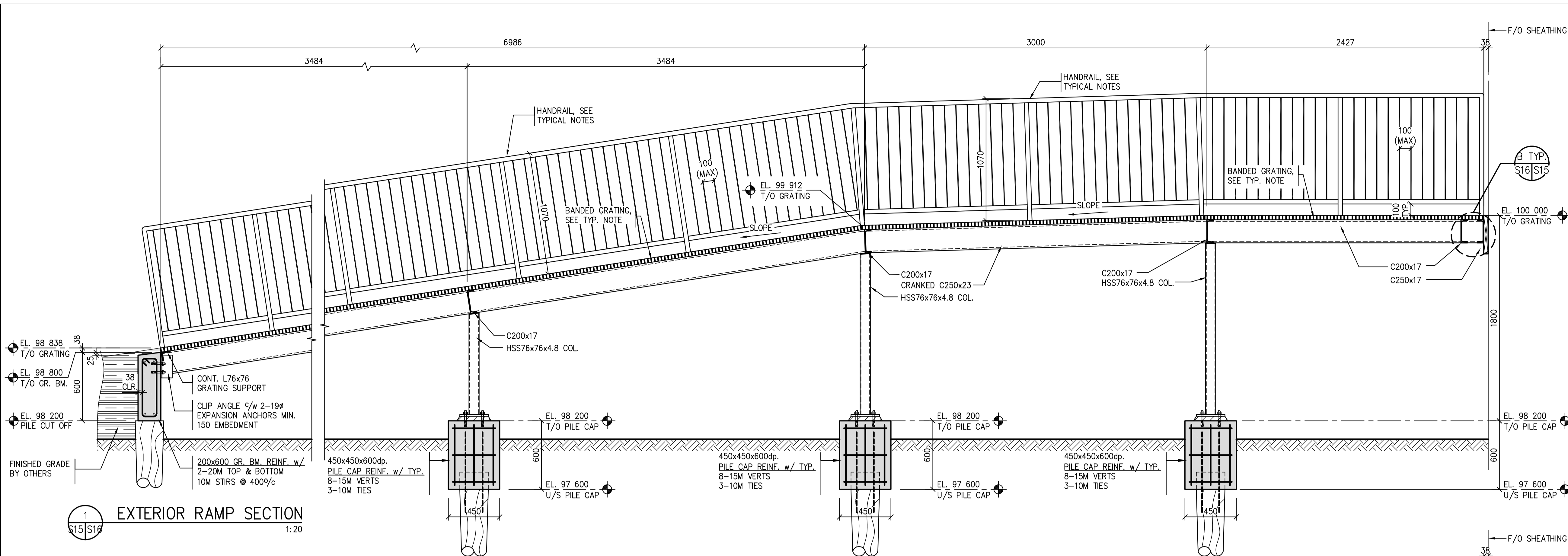
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Ressources Architectural et de Directeur d'Ingénierie

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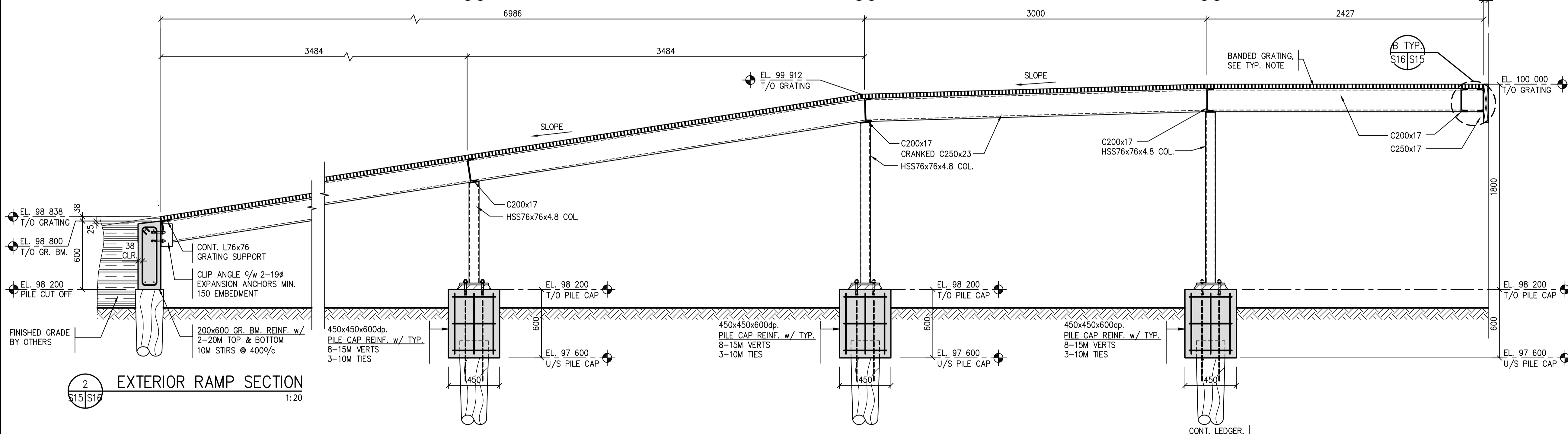
Drawing title/Titre du dessin

SECTIONS / DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S15	0

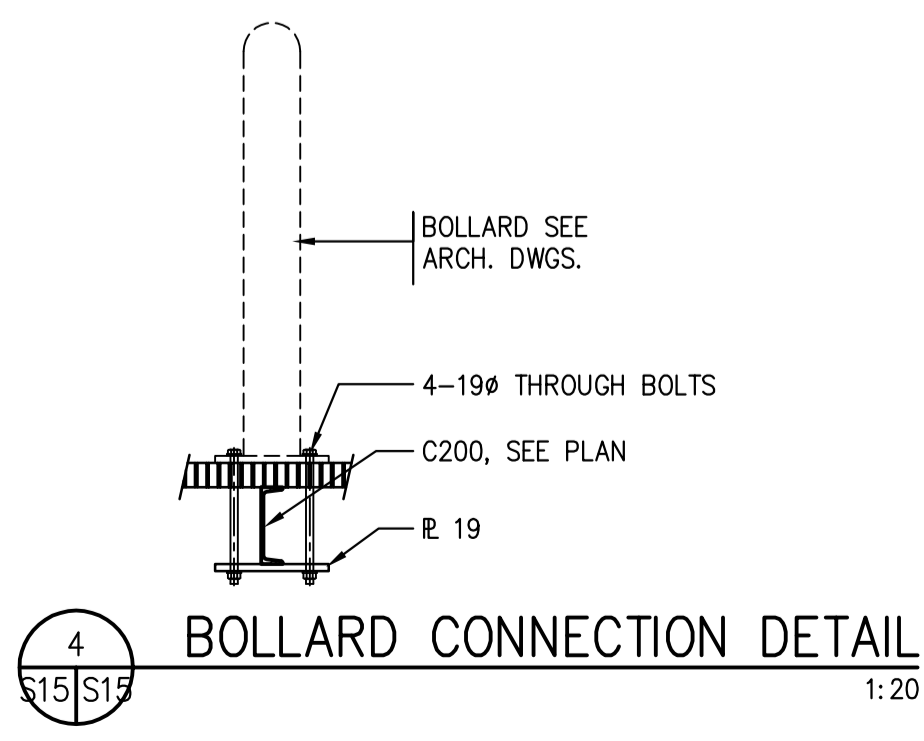


1 EXTERIOR RAMP SECTION
1:20

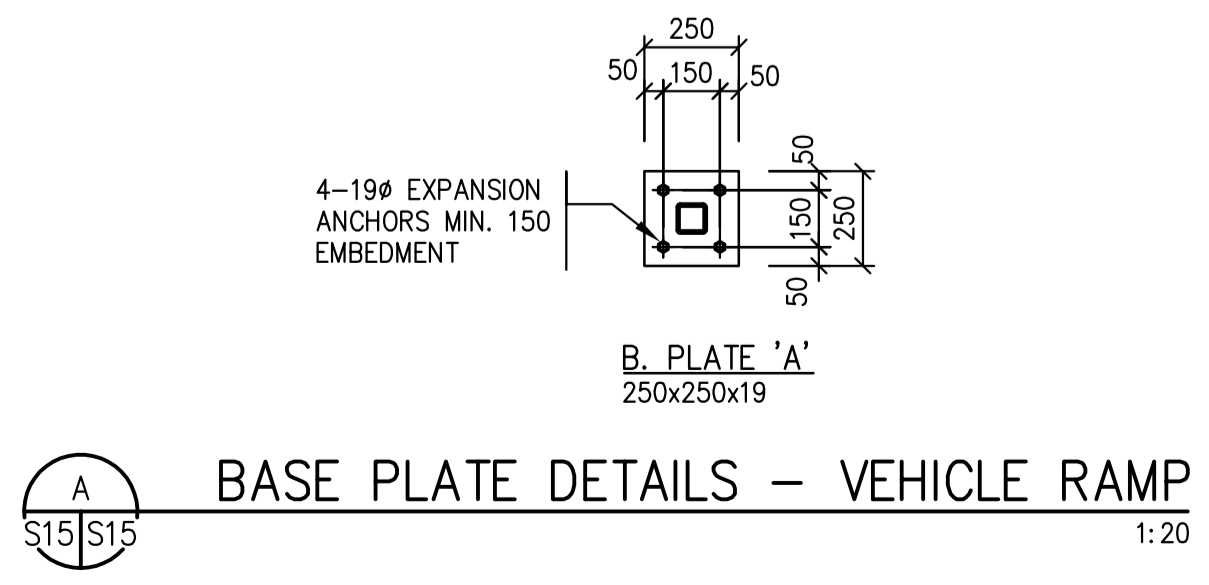


2 EXTERIOR RAMP SECTION
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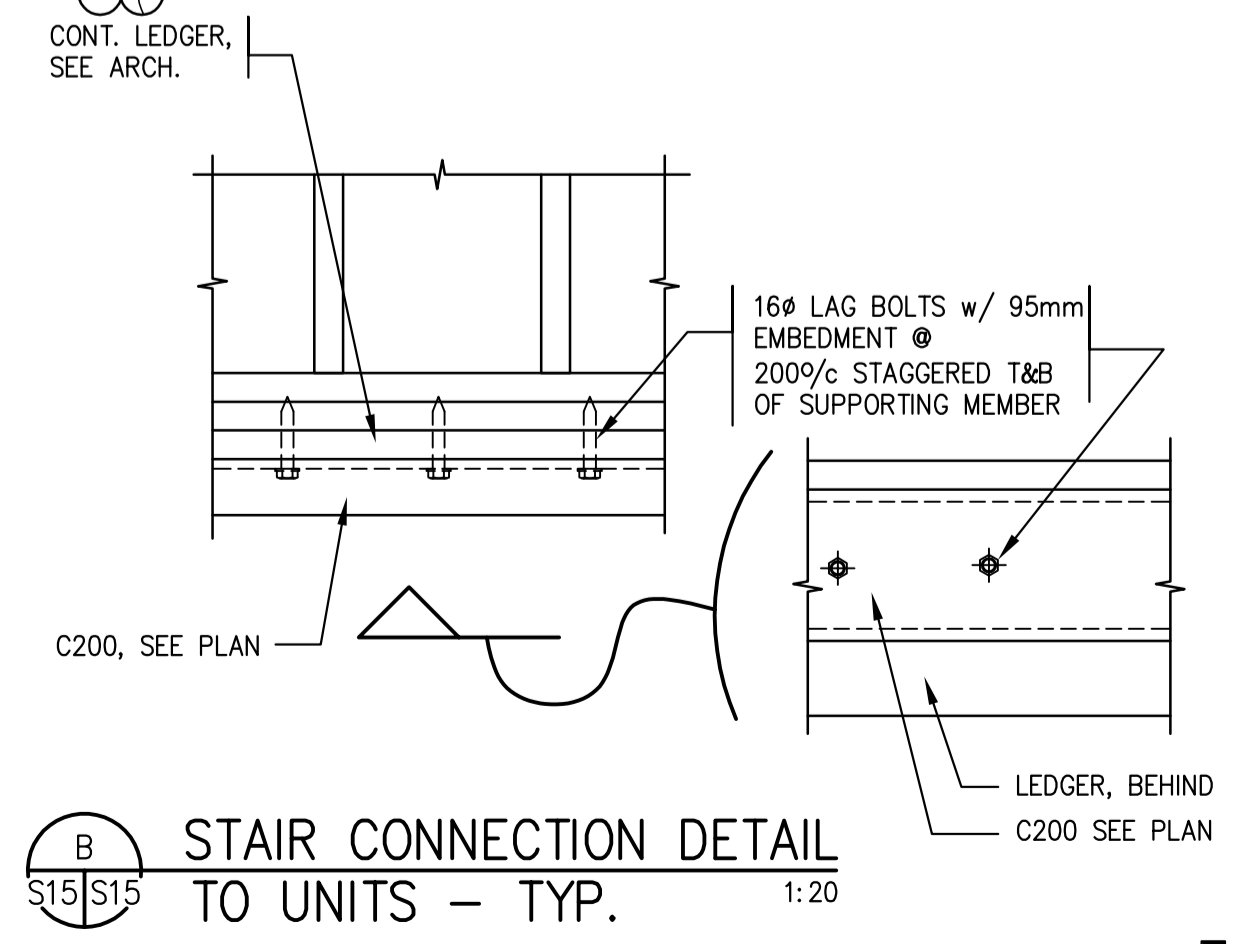
- TYPICAL STAIR NOTES:**
1. ALL STAIR, RAMP AND LANDING STEEL TO BE GALVANIZED.
 2. TYPICAL STAIR STRINGER TO BE C250x23 U.N.O. GALVANIZED.
 3. HAND AND GUARDRAIL HORIZONTAL MEMBERS TO BE FROM DN38 STD. WALL HSS PIPE. VERTICAL MEMBERS TO BE FROM DN38 STD. WALL PIPE. AT MAX 1500%*c*. VERTICAL PICKETS TO BE FROM 10mm ϕ ROD SPACED AT MAX 100%*c* ALL PIPE TO BE 240MPa. ALL MEMBERS TO BE GALVANIZED.
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 5. TYPICAL STAIR TREAD TO BE SERRATED GRATING 38x4.8 BEARING BARS TYPE 19-4 *c/w* ABRASIVE NOSING, GALVANIZED.
 6. TYPICAL LANDING & RAMP GRATING TO BE SERRATED GRATING 38x4.8 BEARING BARS TYPE 30x102M BANDED, GALVANIZED. SEE DETAIL 7/S9 FOR GRATING ANCHORAGE DETAIL, TYP.
 7. ANY PENETRATIONS THROUGH THE GRATING FOR DOWN SPOUTS TO BE CUT ON SITE AS REQUIRED.
 8. REFER TO S1 FOR PILE LAYOUT.



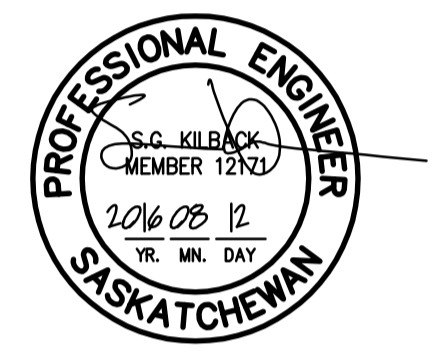
4 BOLLARD CONNECTION DETAIL
1:20



A BASE PLATE DETAILS - VEHICLE RAMP
1:20



B STAIR CONNECTION DETAIL TO UNITS - TYP.
1:20



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 NUMBER 525
 PERMISSION TO CONSULT HELD BY:
 DISCIPLINE: STRUCTURAL 12171
 SASK. REG. NO. SIGNATURE: SKK

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0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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Designed by/Concept par

Drawn by/Dessine par

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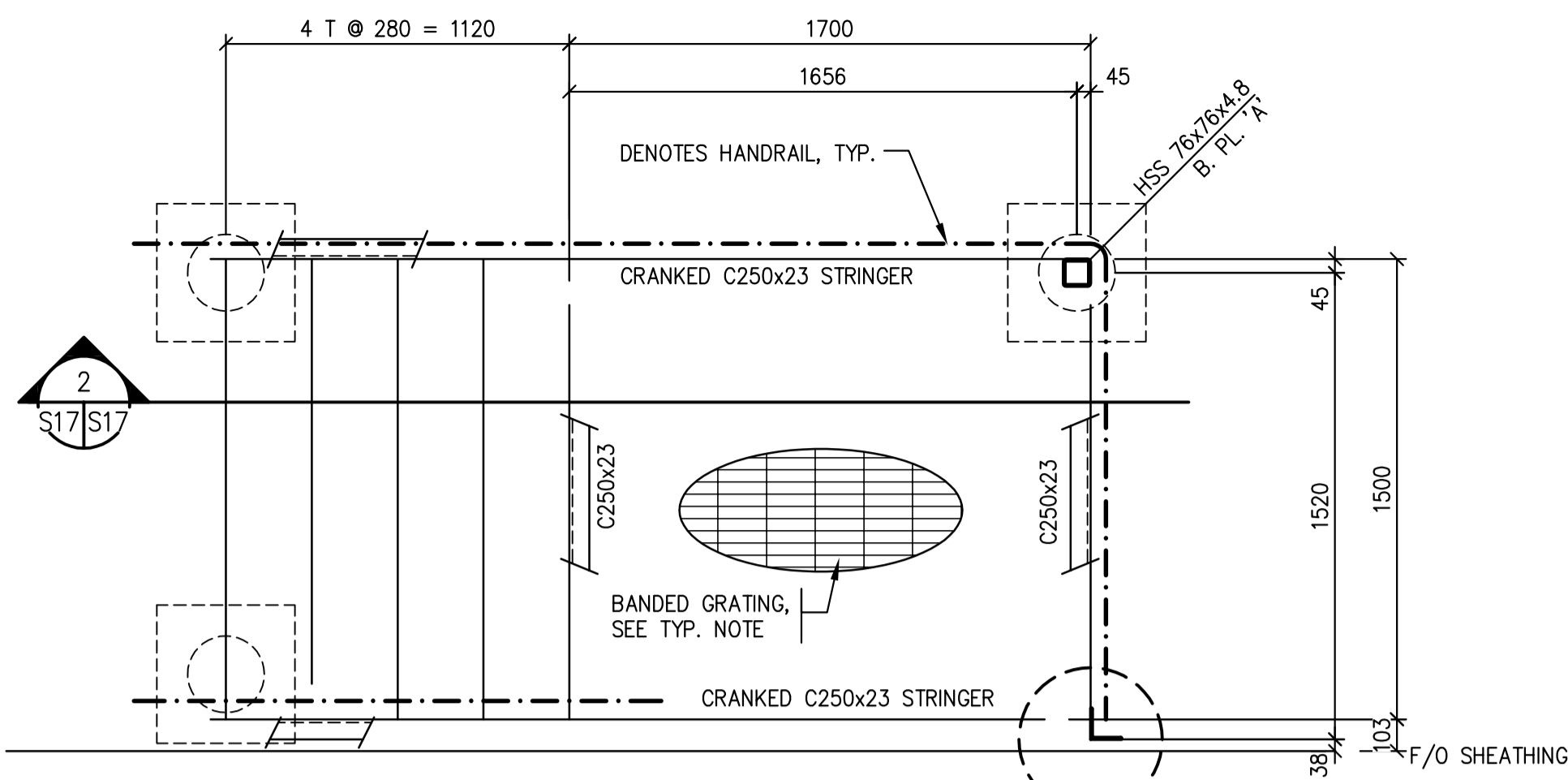
Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'Ingénierie

Client/client

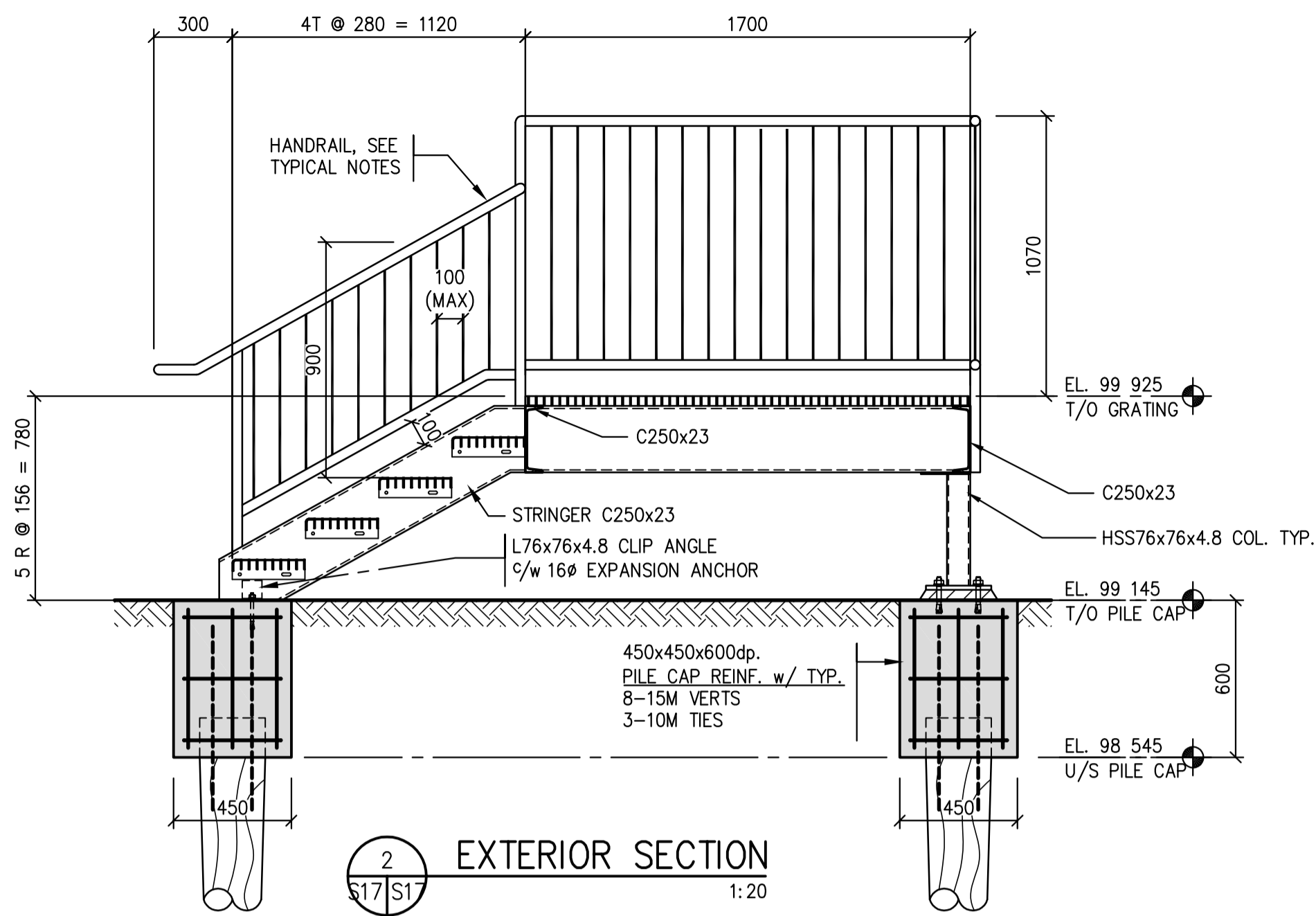
Drawing title/Titre du dessin

SECTIONS / DETAILS

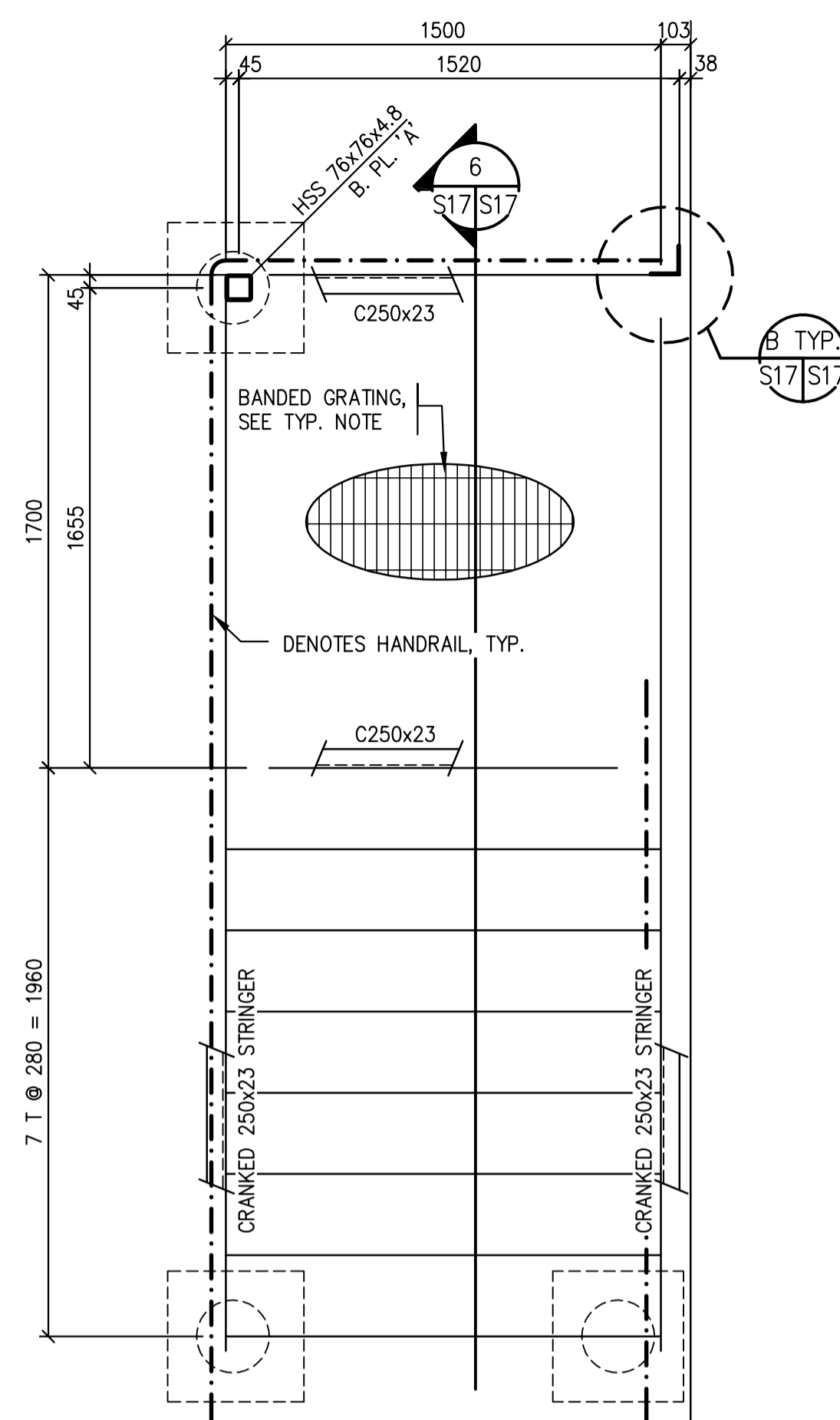
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
S-35-2014	S16	0



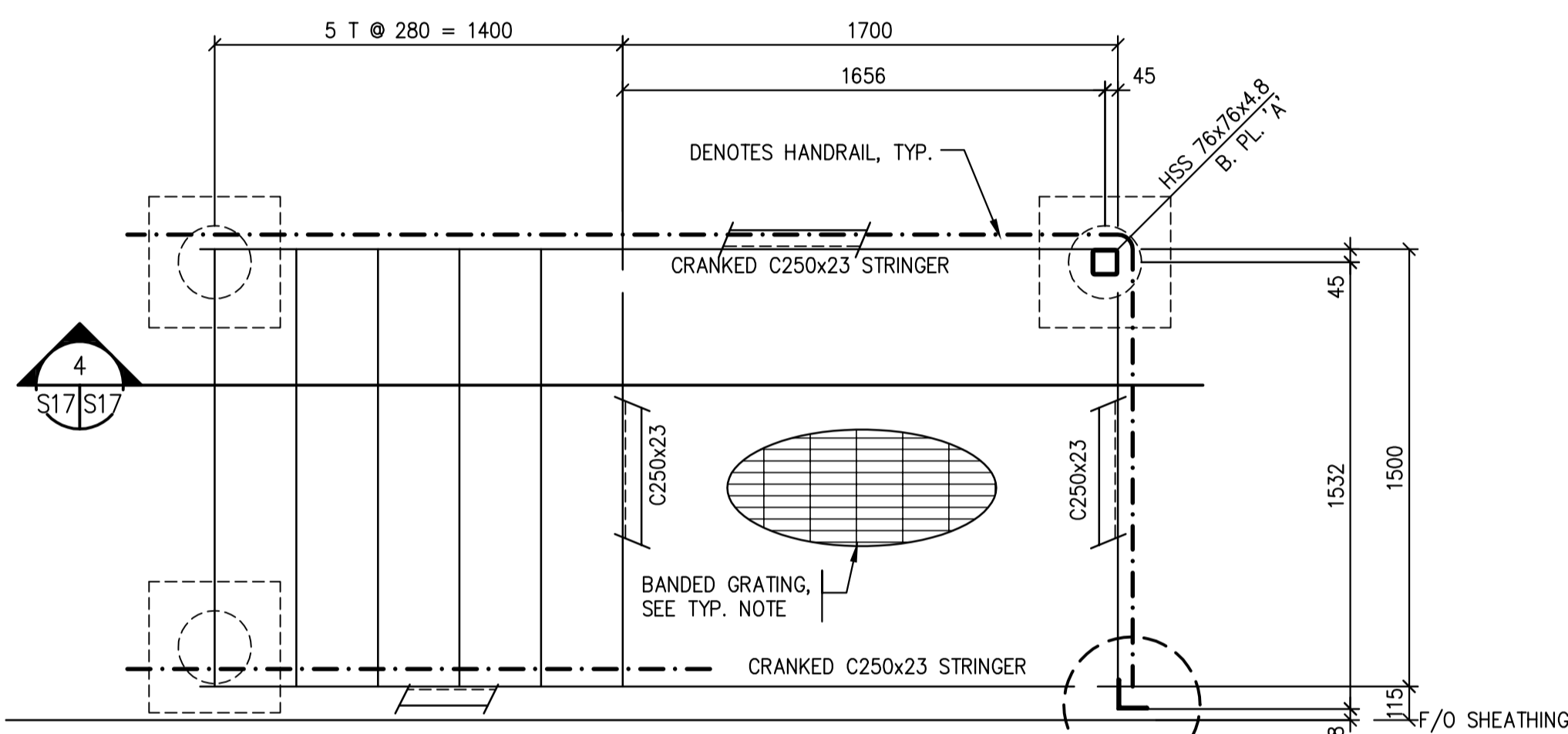
1 EXTERIOR STAIR
1:20



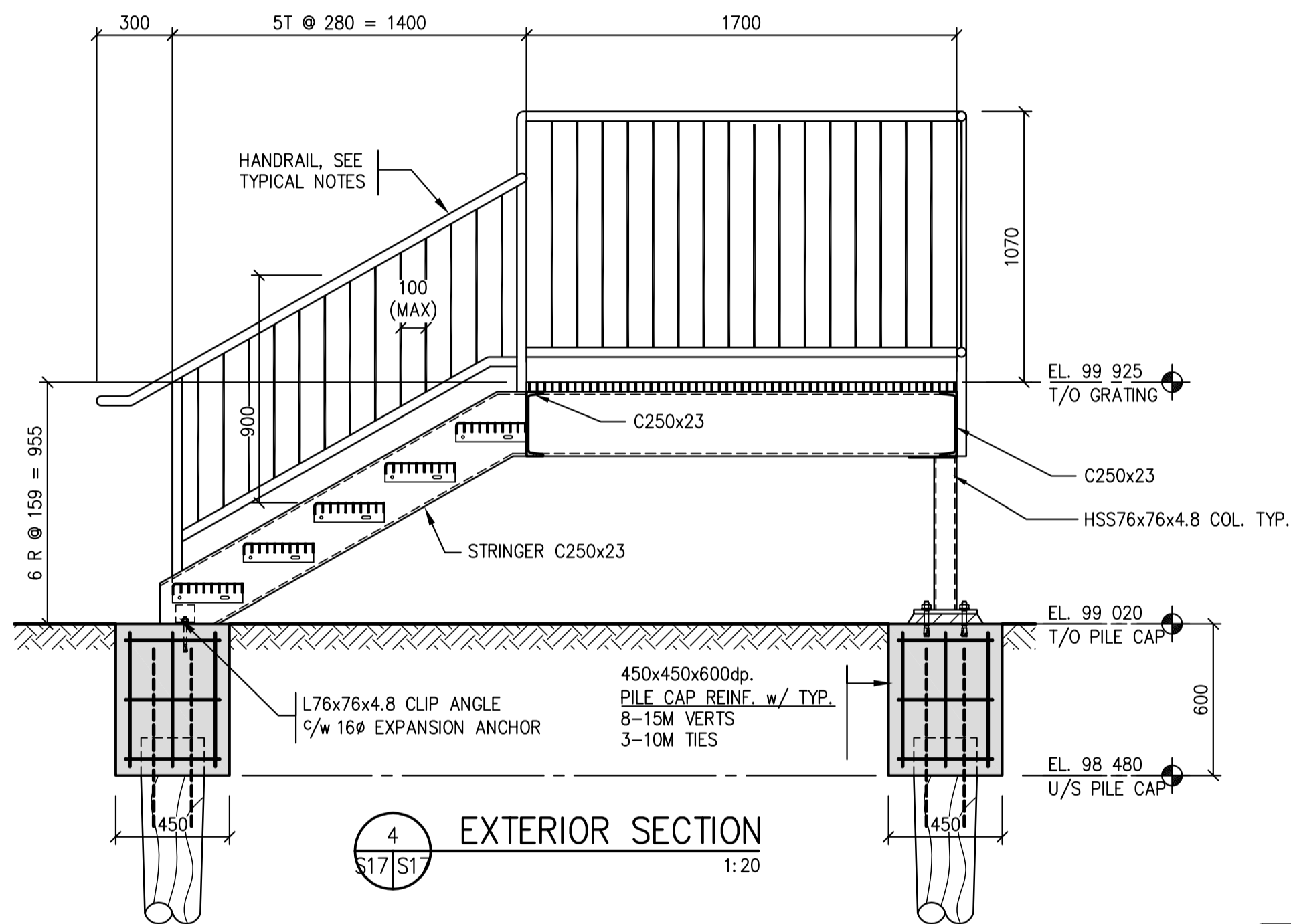
2 EXTERIOR SECTION
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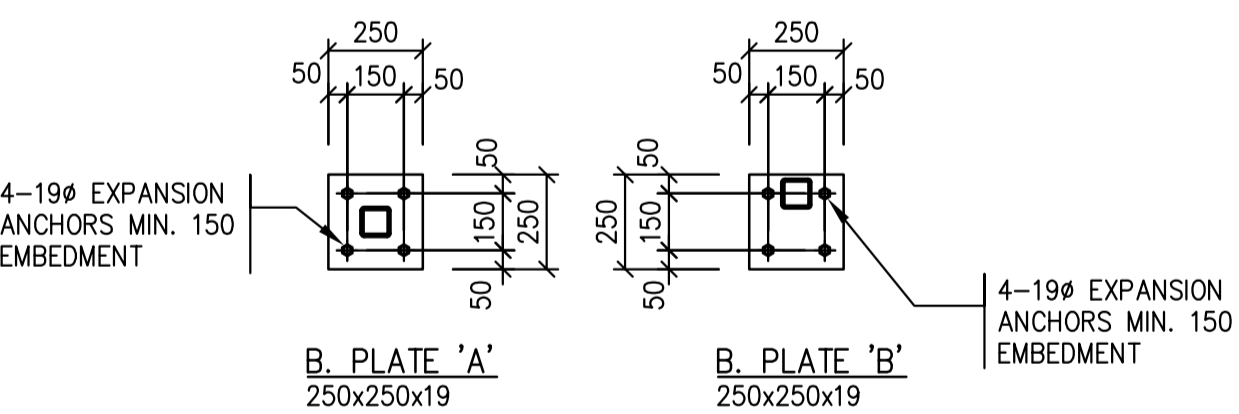
5 EXTERIOR STAIR
1:20



3 EXTERIOR STAIR
1:20



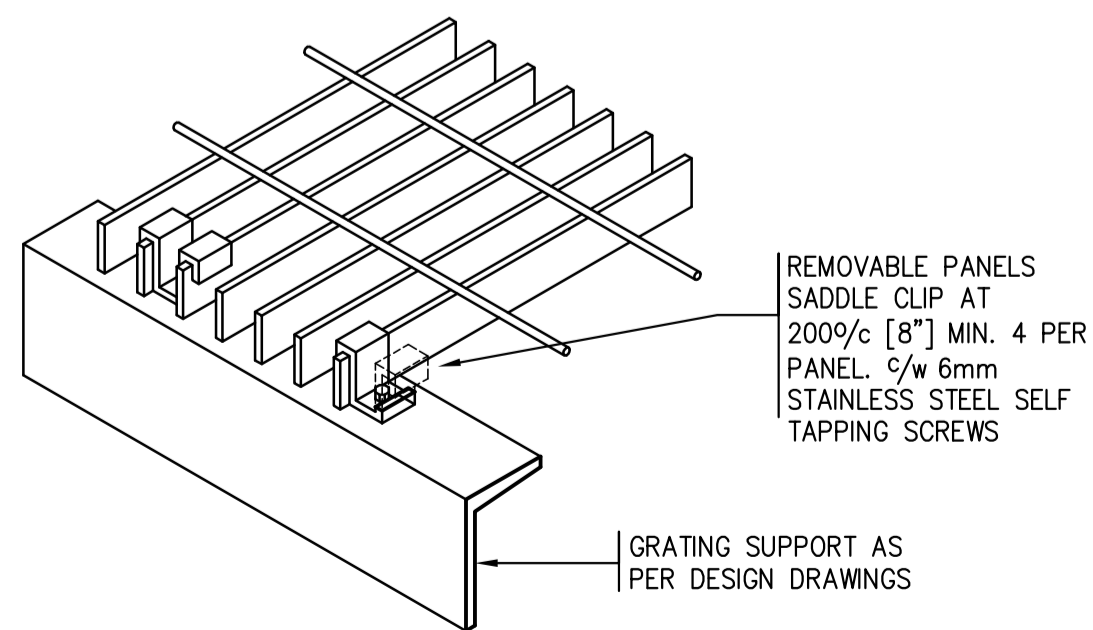
4 EXTERIOR SECTION
1:20



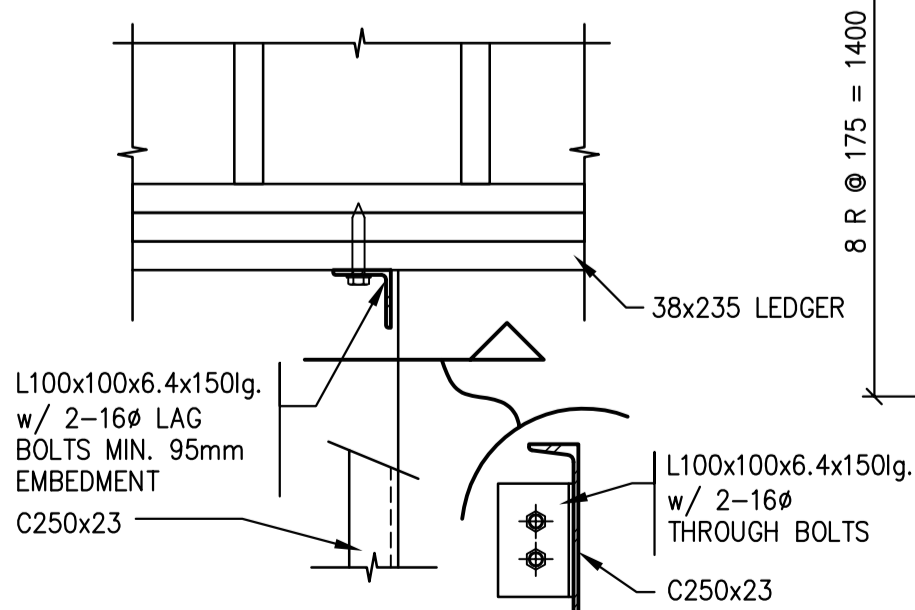
A BASE PLATE DETAILS - VEHICLE RAMP
1:20

TYPICAL STAIR NOTES:

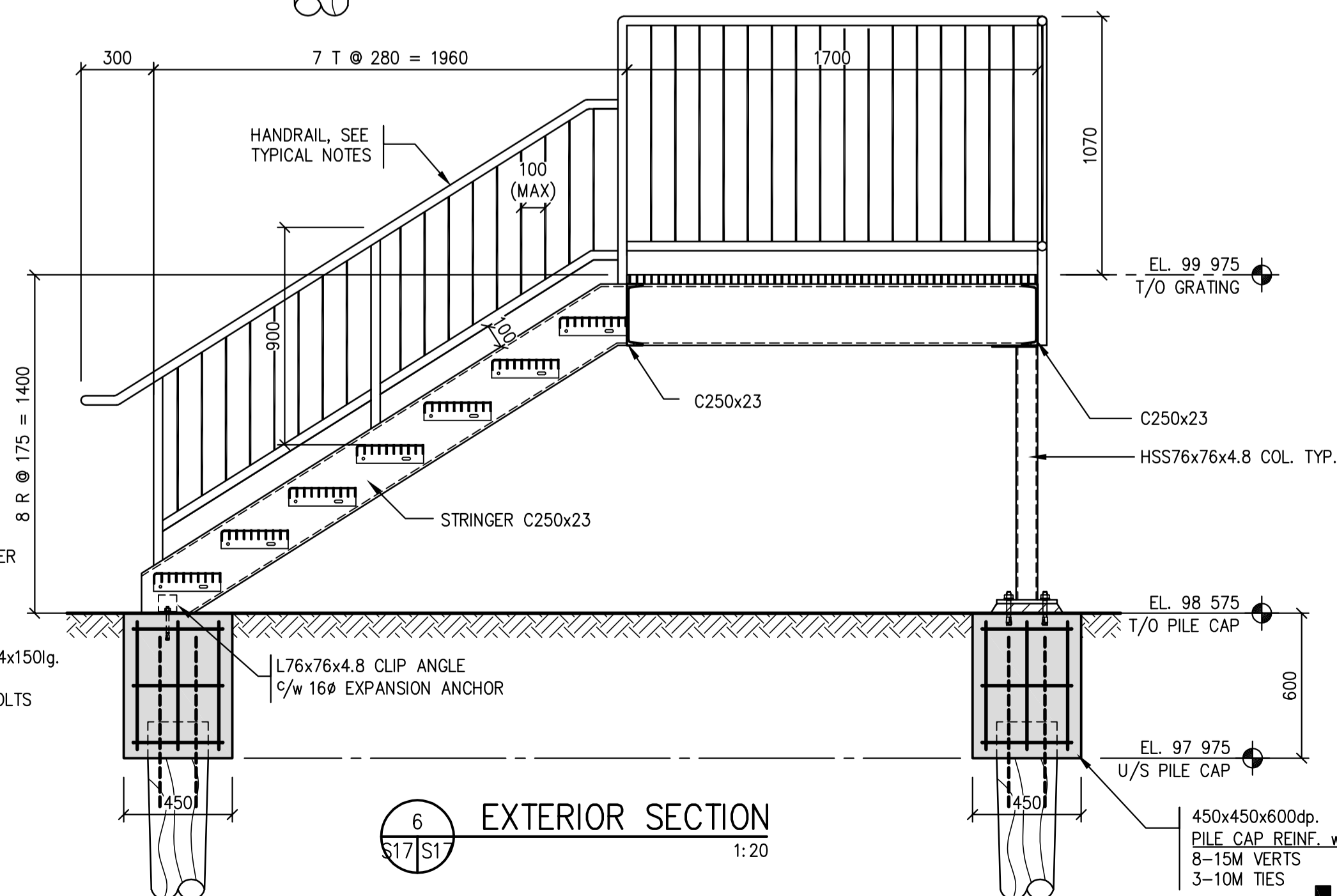
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- ANY PENETRATIONS THROUGH THE GRATING FOR DOWN SPOUTS TO BE CUT ON SITE AS REQUIRED.
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10 GRATING ANCHORAGE DETAIL, TYP.
1:20



B STAIR CONNECTION DETAIL TO UNITS - TYP.
1:10



6 EXTERIOR SECTION
1:20

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

Project title/Titre du projet

NEW MODULAR RCMP BUILDING
AHTAHKAKOOP, SASKATCHEWAN

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

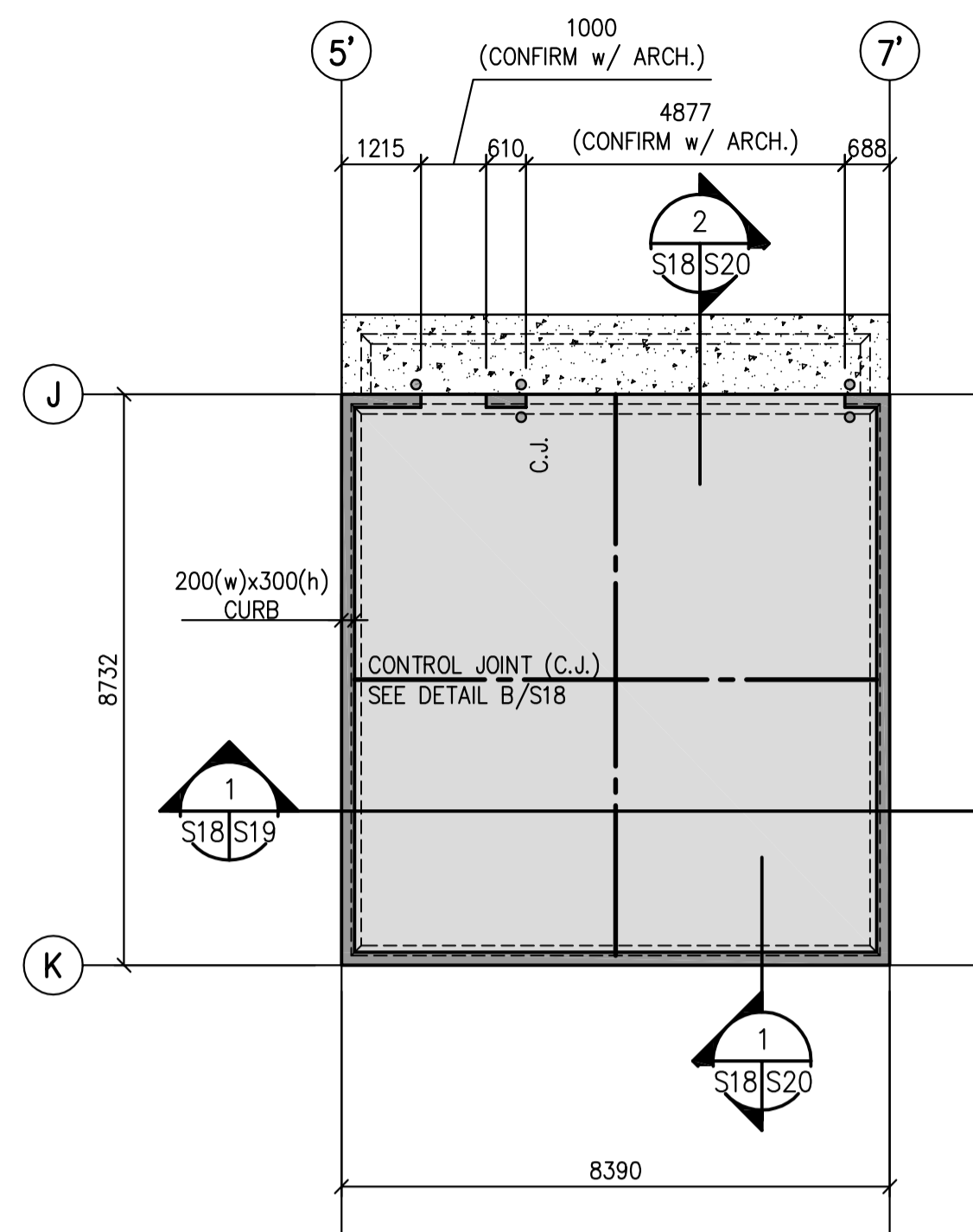
Project Manager/Administrateur de Projets

Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'Ingénierie

Client/client

Drawing title/Titre du dessin

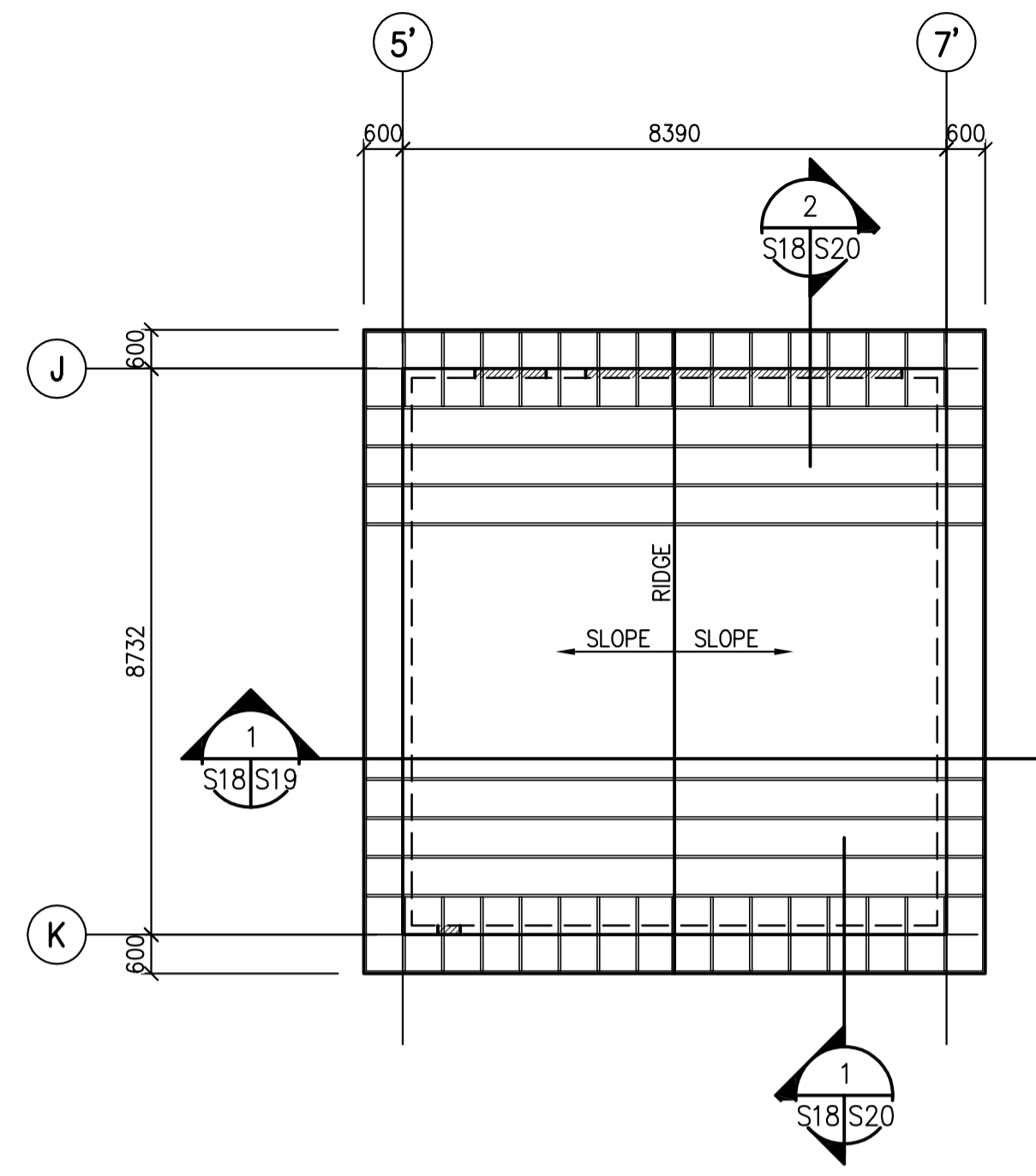
SECTIONS / DETAILS



1 FOUNDATION LAYOUT PLAN
S18/S18 - OUT BUILDING 1:100

NOTES:

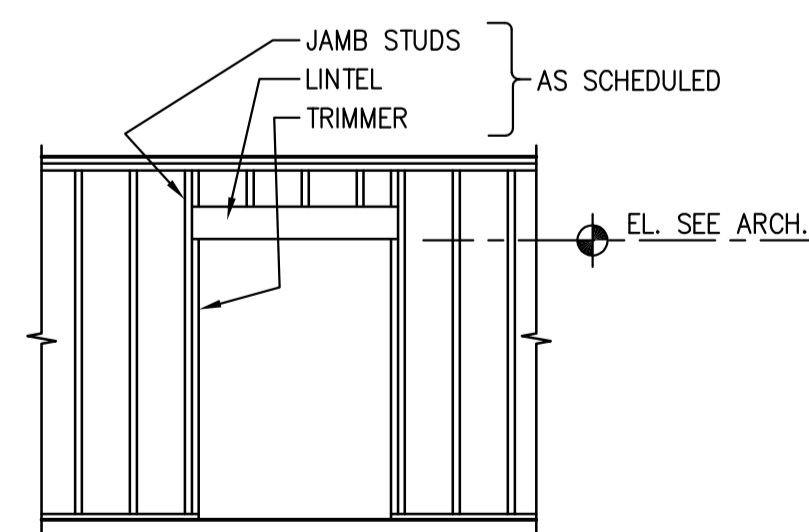
- FLOOR CONSTRUCTION TO BE:
150 CONCRETE SLAB c/w 10M @ 300 o.c. E.W. MIDDLE
0.15 POLY VAPOUR BARRIER
150mm COMPACTED GRANULAR FILL
PREPARED SUBGRADE
- T/O MAIN FLOOR CONCRETE @ ELEVATION 99 307.
- INSTALL 3mm x 25mm dp CONTROL JOINTS IN CONCRETE FLOOR SLAB AS INDICATED ON PLAN.
FILL JOINT WITH SEALANT OVER ETHAFOAM BACKUP ROD.
- WALL CONSTRUCTION TO BE:
EXTERIOR - 38x140 STUDS @ MAX. 400 o.c., SPF#2 OR BETTER 10mm SHEATHING
38x140 BLOCKING @ MAX. 1220 o.c. (FOR WALLS OVER 2464mm)
- INSTALL 15Mx750 Ig DOWELS @ 600o.c. TO EXTERIOR FOUNDATIONS WHERE SIDEWALKS OR SLABS ABUT BUILDING. (USE 20M DOWELS WHEN PLACED THRU RIGID INSULATION)



2 ROOF PLAN LAYOUT
S18/S18 - OUT BUILDING 1:100

NOTES:

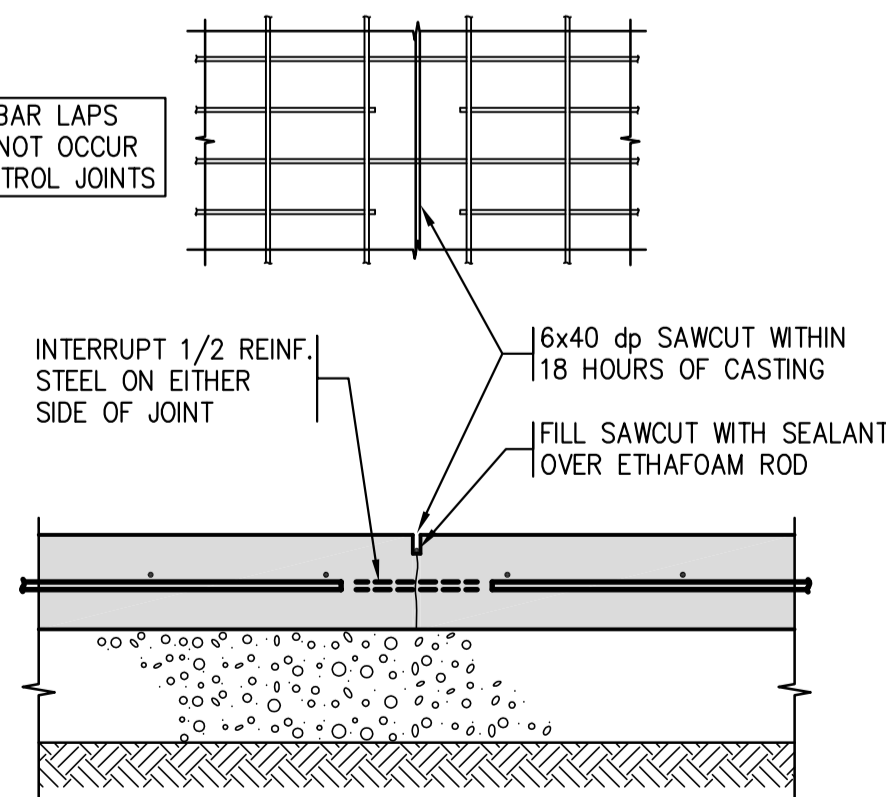
- ROOF CONSTRUCTION TO BE:
19mm SHEATHING c/w METAL H-CLIPS OVER ENGINEERED WOOD ROOF TRUSSES (MAX. SPACING @ 610 o.c.), UNLESS NOTED OTHERWISE.
PROVIDE BLOCKING AT ALL RIDGES, VALLEYS, AND HIPPS. ADJUST NUMBER AND SPACING AS REQUIRED BY DESIGN. TRUSS DESIGN BY TRUSS SUPPLIER.
U/S TRUSS AT ELEVATION 102 441, UNLESS NOTED OTHERWISE.
- ROOF DESIGN NOTES:
DEAD LOAD = 1.2 kPa
SNOW LOAD = 1.6 kPa (PLUS BUILT-UP SNOW LOAD AS PER N.B.C.C.)
- REFER TO DRAWING S0 FOR LINTEL SCHEDULE. SEE ARCH FOR SIZE AND LOCATION OF ALL WALL OPENINGS.
- ADD NAIL LAMINATED STUD COLUMNS BELOW ALL GIRDER TRUSSES, WIDTH OF COLUMNS TO MATCH TRUSS, MIN. 3 STUDS.



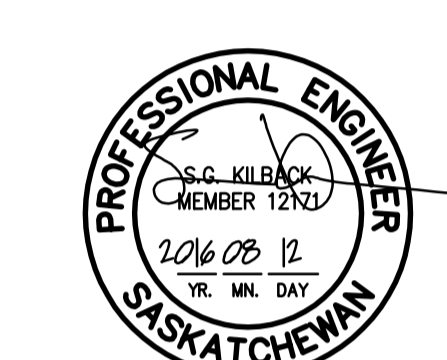
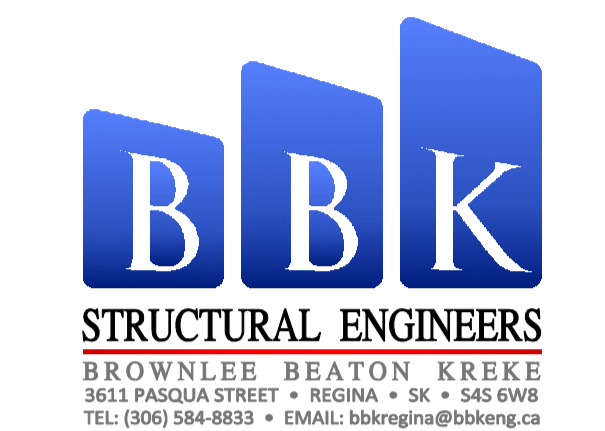
OPENING WIDTH	LINTEL	TRIMMER	JAMB
0 - 1200	2-38x184	1	1
1200 - 1800	2-38x235	1	2
1800 - 2200	3-38x235	1	2

A WOOD LINTEL SCHEDULE
S18/S18 - OUT BUILDING (ONLY) NTS
LINTEL AS PER SCHEDULE UNLESS NOTED OTHERWISE

NOTE: BAR LAPS SHALL NOT OCCUR AT CONTROL JOINTS



B CONTROL JOINT
S18/S18 @ 150 SLAB-ON-GRADE NTS
- OUT BUILDING (ONLY)



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NEW MODULAR POLICE BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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Designed by/Concept par
SK

Drawn by/Dessine par
CS

Project Manager/Administrateur de Projets

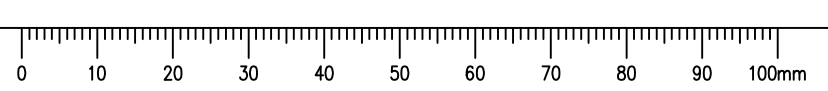
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

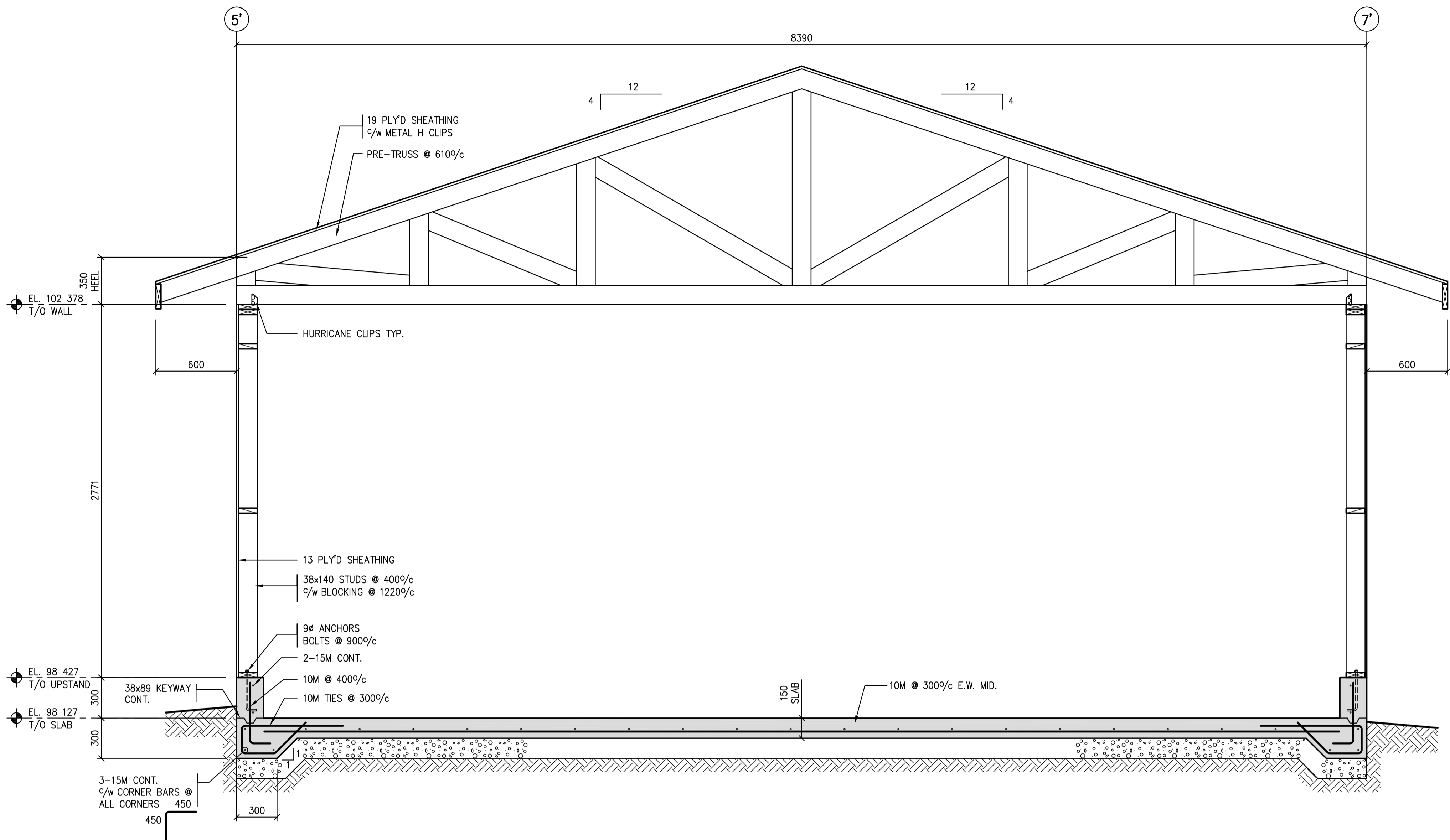
Client/client

Drawing title/Titre du dessin

OUT BUILDING - PLANS
DETAILS AND SECTIONS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
S-03-2014	S18	0





SECTION
S18/S19
3/4"=1'-0"

SEPW Architecture Inc.
 100-3725 Pampa Drive, Regina, SK, S4S 0W8 ph: (306) 540-2255
 100-2718 Kinross Place, Saskatoon, SK, S7P 0A6 ph: (306) 462-4457
 website: www.sepw.ca

BBK
STRUCTURAL ENGINEERS
 BROWNLEE BEATON KREKE
 3611 PASQUA STREET • REGINA • SK • S4S 0W8
 TEL: (306) 584-8833 • EMAIL: bbkregina@bbkeng.ca



Association of Professional Engineers & Geoscientists
 of Saskatchewan
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 STRUCTURAL 12171 SEK

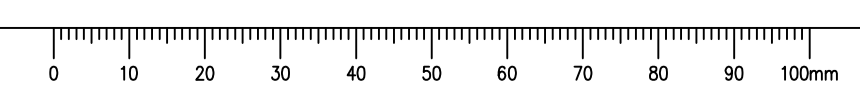
Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/08/12

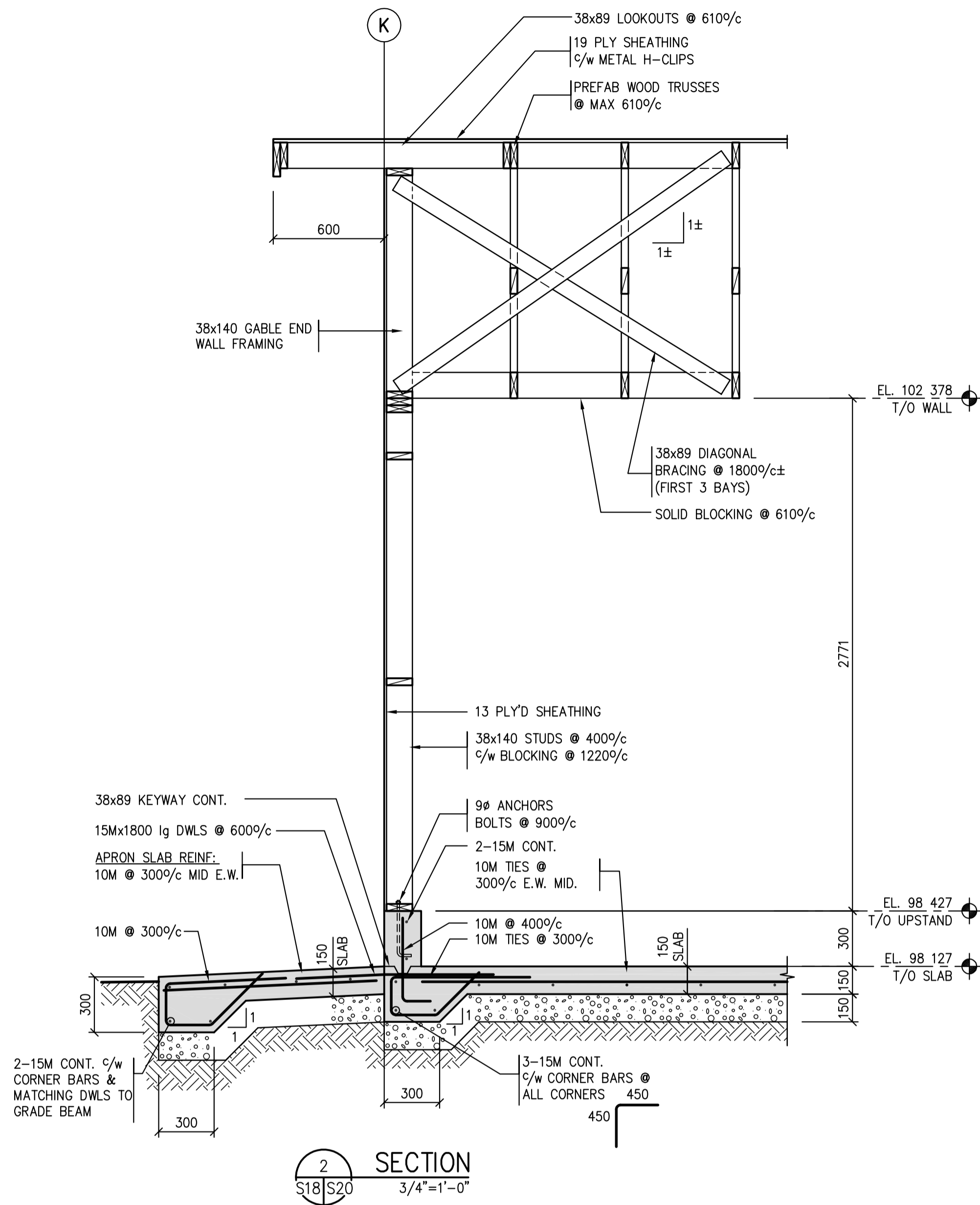
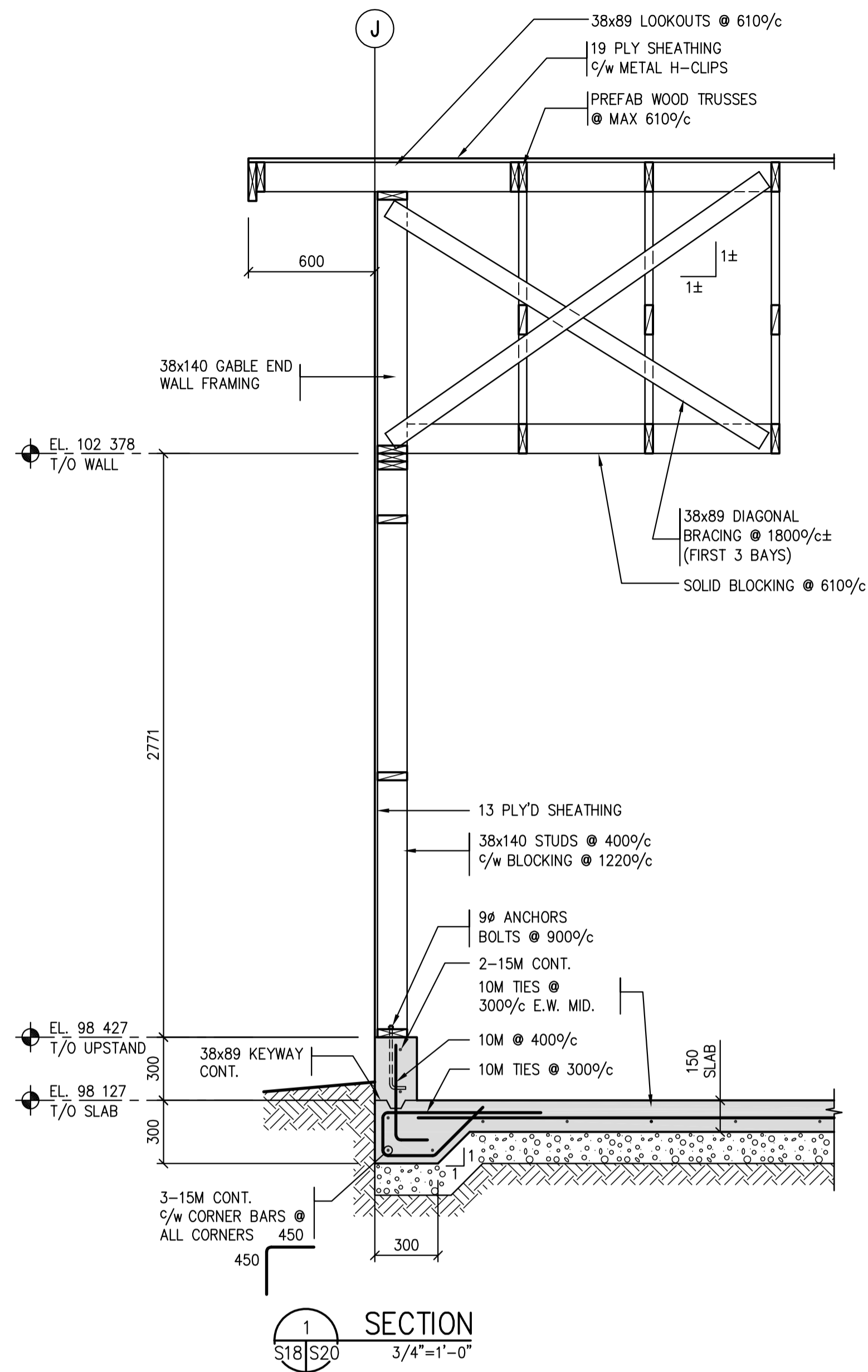
Project title/Titre du projet
NEW MODULAR POLICE BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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 CS
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 Architectural and Engineering Resources Manager/
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Client/client
 Drawing title/Titre du dessin
OUT BUILDINGS - SECTION

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
S-03-2014	S19	0





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Revision/Revision	Description/Description	Date/Date
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NEW MODULAR POLICE BUILDING
AHTAHKAKOOP, SASKATCHEWAN

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 SK
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 CS
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Drawing title/Titre du dessin
OUT BUILDINGS - SECTION

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
S-03-2014	S20	0

