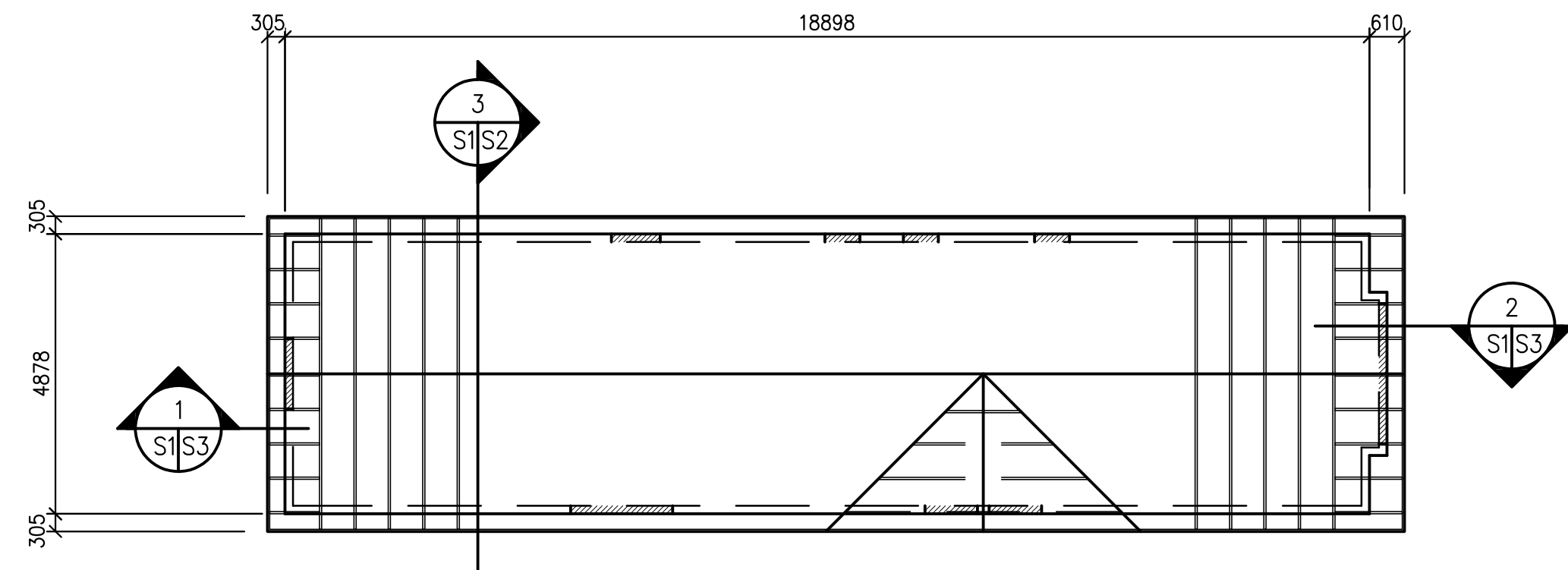


FOUNDATION LAYOUT PLAN
— HOUSING UNIT
1:100

NOTES:

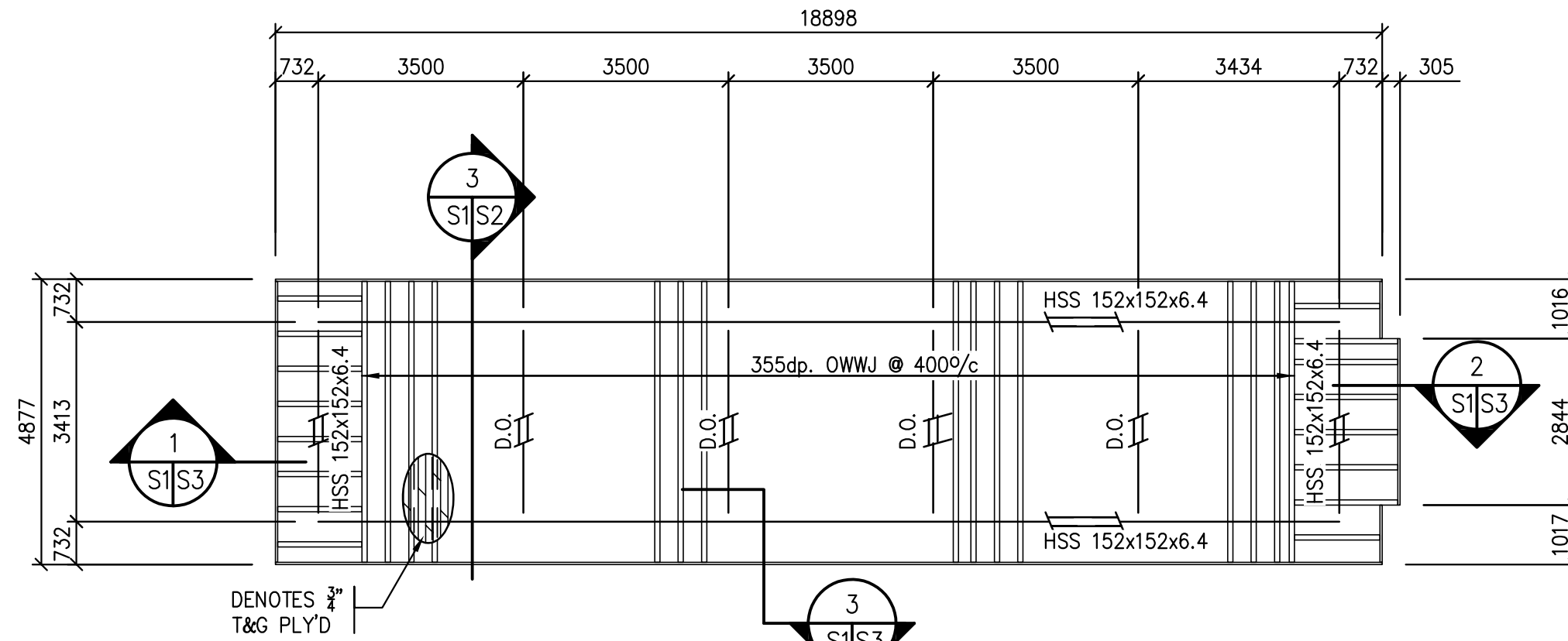
- REFER TO DRAWING DETAILS 1/S2 & 2/S2 FOR FOUNDATION DETAILS.
- CONFIRM BUILDING ORIENTATION WITH ARCHITECTURAL DRAWINGS.



ROOF PLAN
— HOUSING UNIT
1:100

NOTES:

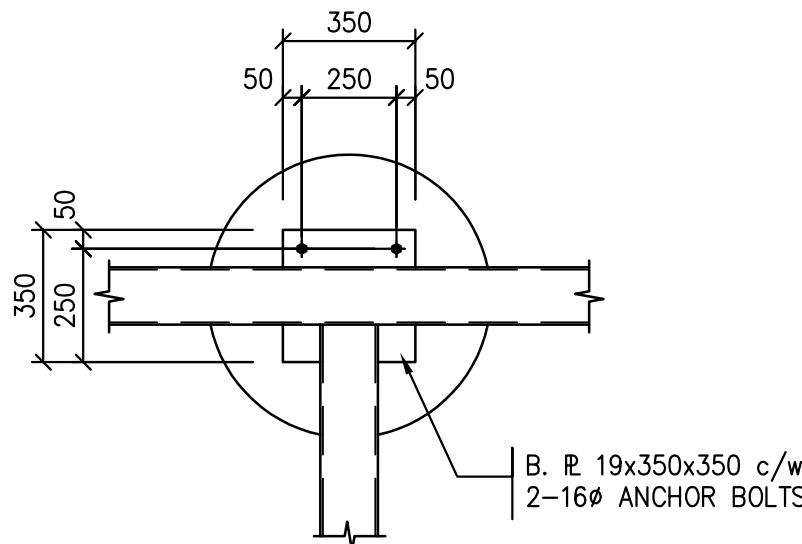
- ROOF CONSTRUCTION TO BE:
12mm SHEATHING (NAILED) c/w METAL H-CLIPS
PRE-ENGINEERED WOOD TRUSSES AS NOTED ON PLAN. (MAX. SPACING 610 o.c.) c/w GALVANIZED METAL HURRICANE TIES AT ALL BEARING POINTS.
TRUSS DESIGN BY TRUSS SUPPLIER.
ADJUST NUMBER & SPACING AS REQ'D BY DESIGN. CO-ORDINATE AND ADJUST SPACING OF ROOF TRUSSES TO SUIT MECHANICAL. PROVIDE SOLID BLOCKING AT ALL RIDGES, VALLEYS AND HIPS. ROOF TRUSS BRACING SHOWN IS IN ADDITION TO THE REQUIREMENTS OF THE TRUSS SUPPLIER.
- U/S OF PRE-ENG WOOD TRUSSES @ ELEVATION 102 454 U.N.O.
- ROOF DESIGN NOTES**
DEAD LOAD = 1.2 kPa
SNOW LOAD = 1.6 kPa (PLUS BUILT-UP SNOW LOAD AS PER N.B.C.C.)
- ADD NAIL LAMINATED STUD COLUMNS BELOW ALL GIRDER TRUSSES, WIDTH OF COLUMNS TO MATCH TRUSS, MIN. 3 STUDS.
- SHEATH PRIMARY ROOF TRUSSES PRIOR TO INSTALLING ROOF JACKS.
- FOR WALL OPENING FRAMING BELOW, REFER TO TYPICAL LINTEL SCHEDULE.
- CONFIRM BUILDING ORIENTATION WITH ARCHITECTURAL DRAWINGS.



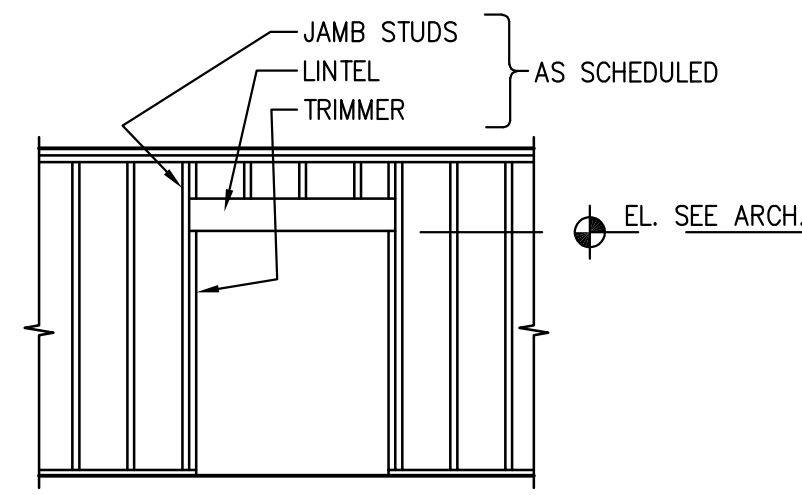
MAIN FLOOR PLAN
— HOUSING UNIT
1:100

NOTES:

- FLOOR CONSTRUCTION TO BE:
19mm T&G SHEATHING (GLUED AND NAILED)
38x184 FLOOR JOISTS AS NOTED ON PLAN. (MAX. SPACING 400 o.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) = 2.0 kPa
PARTITION LOAD = 1.0 kPa
DEAD LOAD = 0.75 kPa
- PROVIDE VERTICAL GRAIN SOLID BLOCKING BELOW ALL B.U. WOOD COLUMNS, SIZE TO MATCH COLUMN.
- WALL CONSTRUCTION TO BE:
EXTERIOR — 13mm SHEATHING
38x140 STUDS @ MAX. 400 o.c., SPF#2 OR BETTER
38x140 BLOCKING @ MAX. 1220 o.c.
- CONFIRM BUILDING ORIENTATION WITH ARCHITECTURAL DRAWINGS.



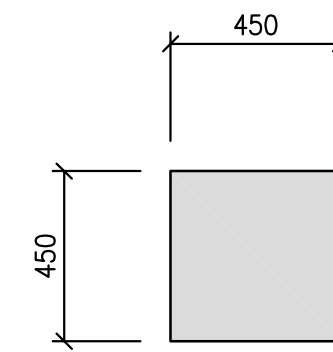
BASE PLATE DETAILS
NTS



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

WOOD LINTEL SCHEDULE
— HOUSING UNIT (ONLY)
NTS

LINTEL AS PER SCHEDULE UNLESS NOTED OTHERWISE



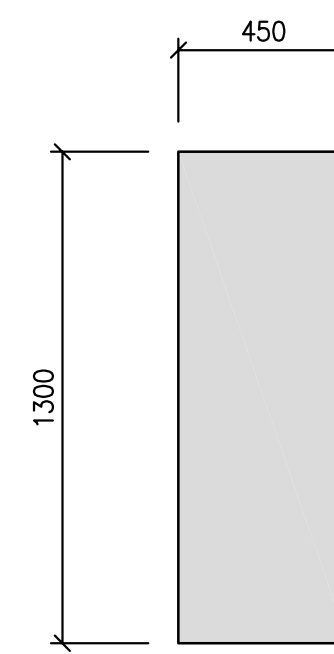
PLAN

SECTION

FOUNDATION FOR STAIR POSTS
1:20

NOTE:

- FOOTING ELEVATION TO BE SITE CONFIRMED.
- FOOTING LOCATION TO BE CONFIRM w/ ARCH. DWGS.



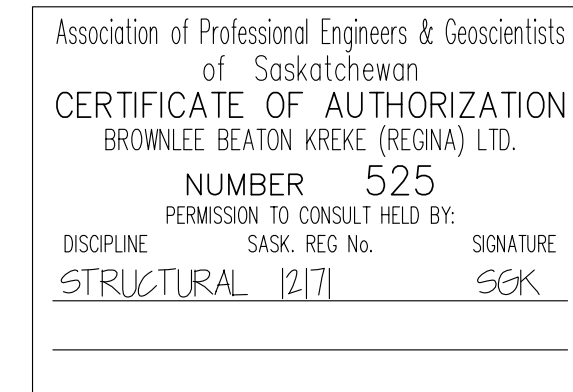
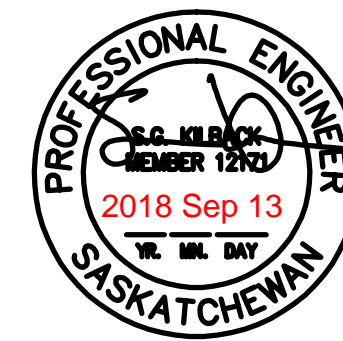
PLAN

SECTION

FOUNDATION FOR STAIR STRINGER
1:20

NOTE:

- FOOTING ELEVATION TO BE SITE CONFIRMED.
- FOOTING LOCATION TO BE CONFIRM w/ ARCH. DWGS.



DO NOT SCALE DRAWINGS

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Client/client

Project title/Titre du projet

**NEW EMPLOYEE HOUSING AND
NEW GARAGE
BLACK LAKE AND STONY RAPIDS,
SASKATCHEWAN**

Approved by/Approuve par

Designed by/Concept par
SK

Drawn by/Dessine par
CS

Project Manager/Administrateur de Projets

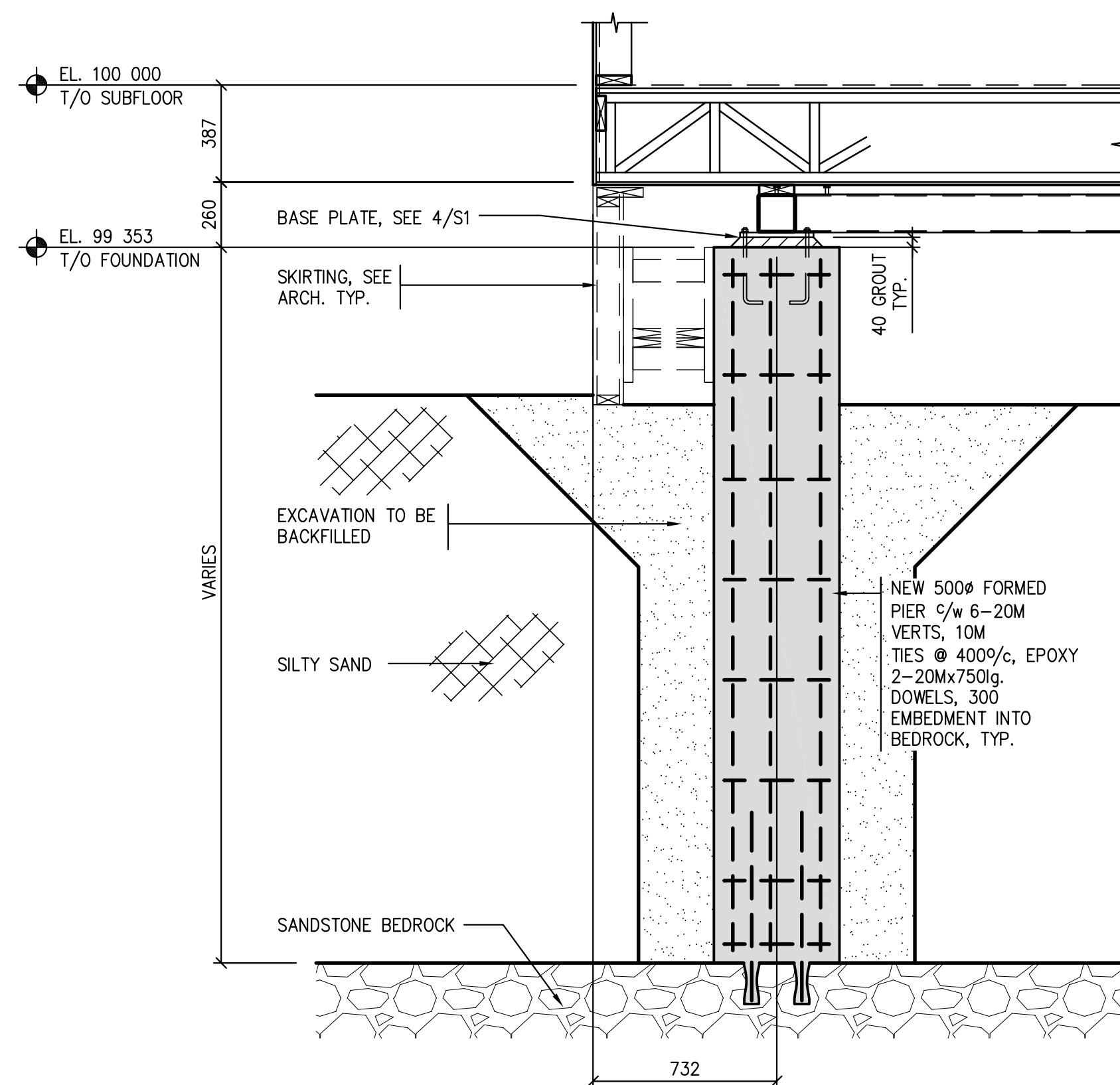
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin
**HOUSING UNIT PLANS
AND DETAILS**

Project No./No. du projet S-03-2014A	Sheet/Feuille S1	Revision no./ La Révision no. 0
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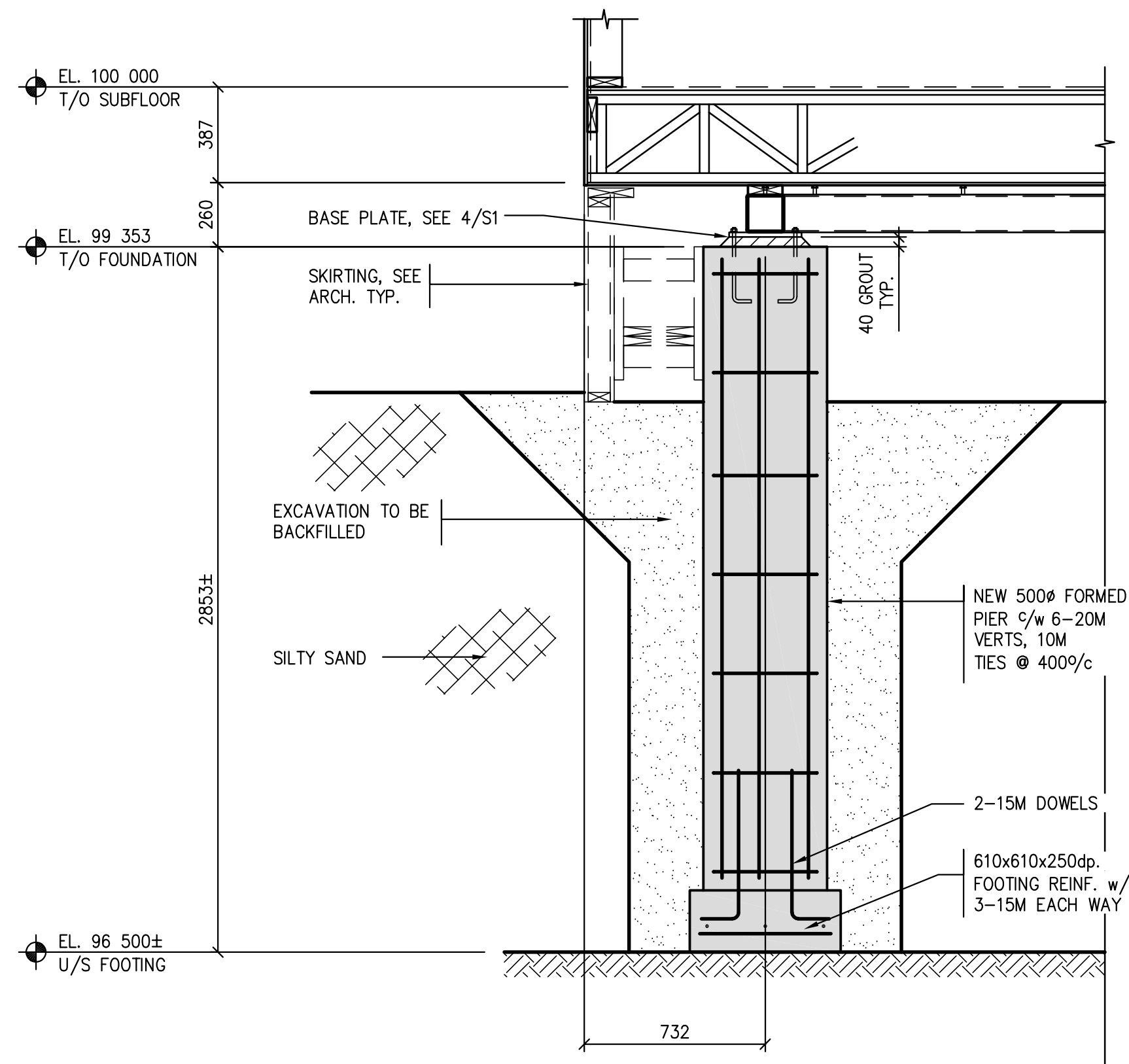




1 FOUNDATION DETAIL – TYPE 'A'
S1/S2 1:20

NOTES:

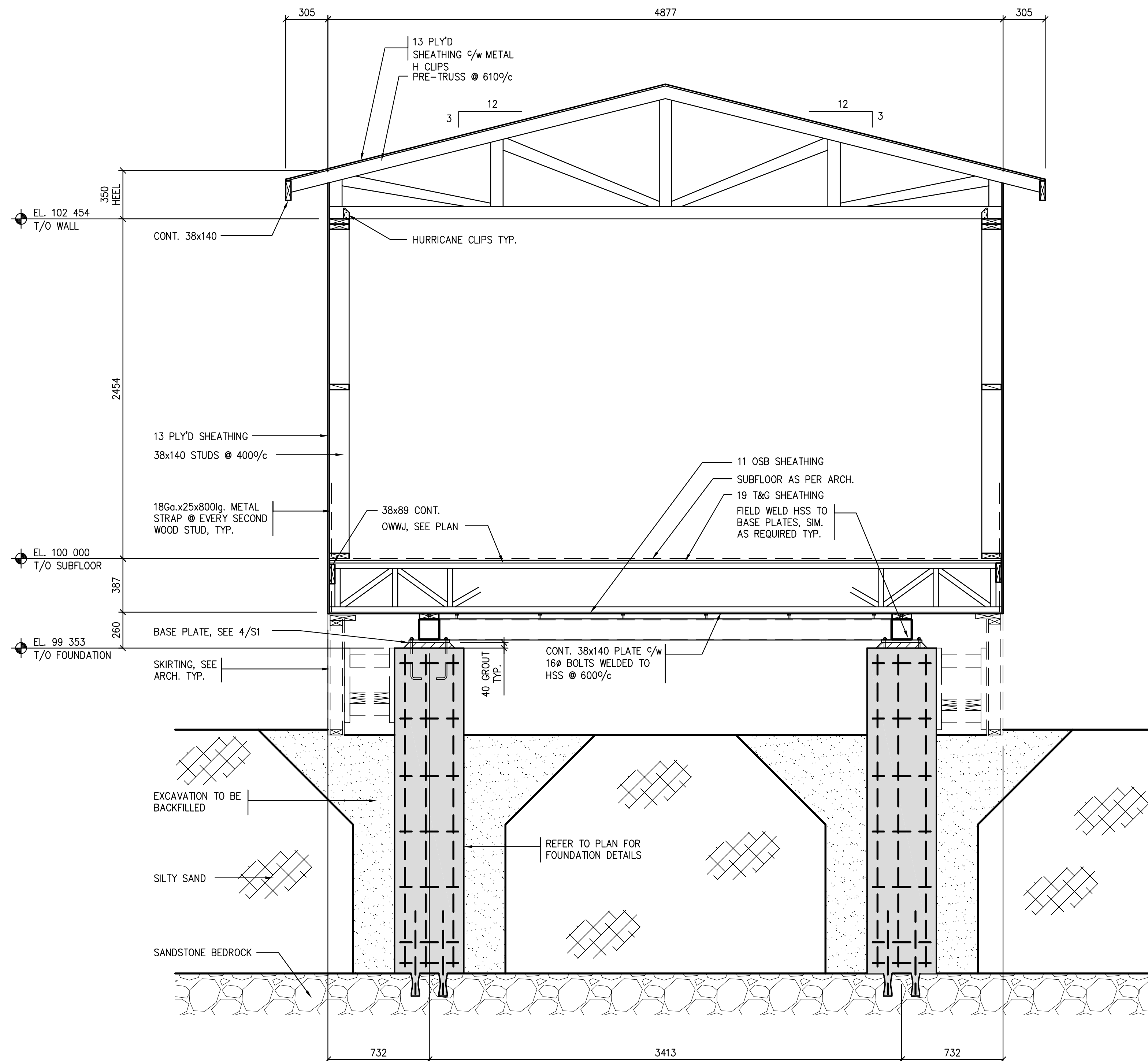
1. FOUNDATION TYPE 'A' TO BE USE AT BLACK LAKE HOUSING UNIT SITE ONLY.



2 FOUNDATION DETAIL – TYPE 'B'
S1/S2 1:20

NOTES:

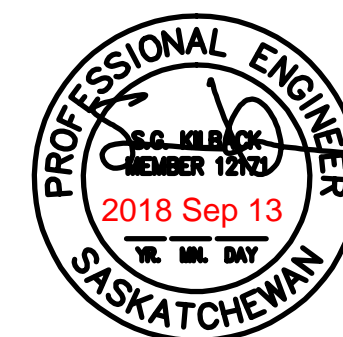
1. FOUNDATION TYPE 'B' TO BE USE AT STONEY RAPIDS HOUSING UNIT SITE.
2. FOUNDATION TYPE 'B' CAN ALSO BE USED IN LOCATIONS WHERE BEDROCK IS NOT PRESENT BUT ENGINEER ON RECORD MUST BE CONSULTED WITH BEFORE FOUNDATION TYPE 'B' IS USED ON OTHER SITE.



3 HOUSING UNIT – SECTION
S1/S2 1:20



STRUCTURAL ENGINEERS
BROWNLEE BEATON KREKE
3611 PASQUA STREET • REGINA • SK • S4S 6W8
TEL: (306) 584-8833 • EMAIL: bbkregina@bbkeng.ca



Association of Professional Engineers & Geoscientists
of Saskatchewan
CERTIFICATE OF AUTHORIZATION
BROWNLEE BEATON KREKE (REGINA) LTD.
NUMBER 525
PERMISSION TO CONSULT HELD BY:
DISCIPLINE: STRUCTURAL [217] SIGNATURE: SKK

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Client/client

Project title/Titre du projet

**NEW EMPLOYEE HOUSING AND
NEW GARAGE
BLACK LAKE AND STONY RAPIDS,
SASKATCHEWAN**

Approved by/Approuve par

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

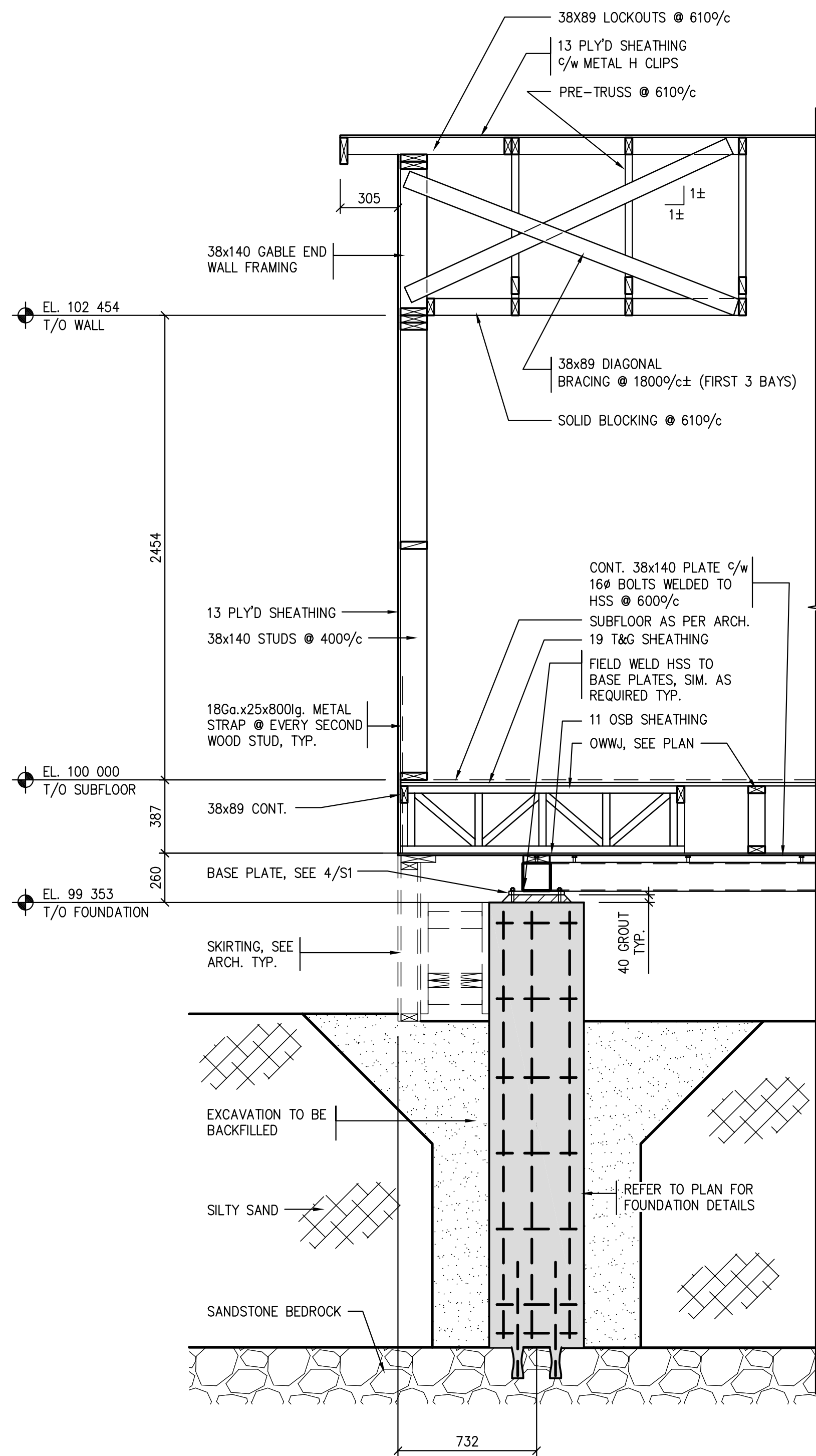
Client/client

Drawing title/Titre du dessin

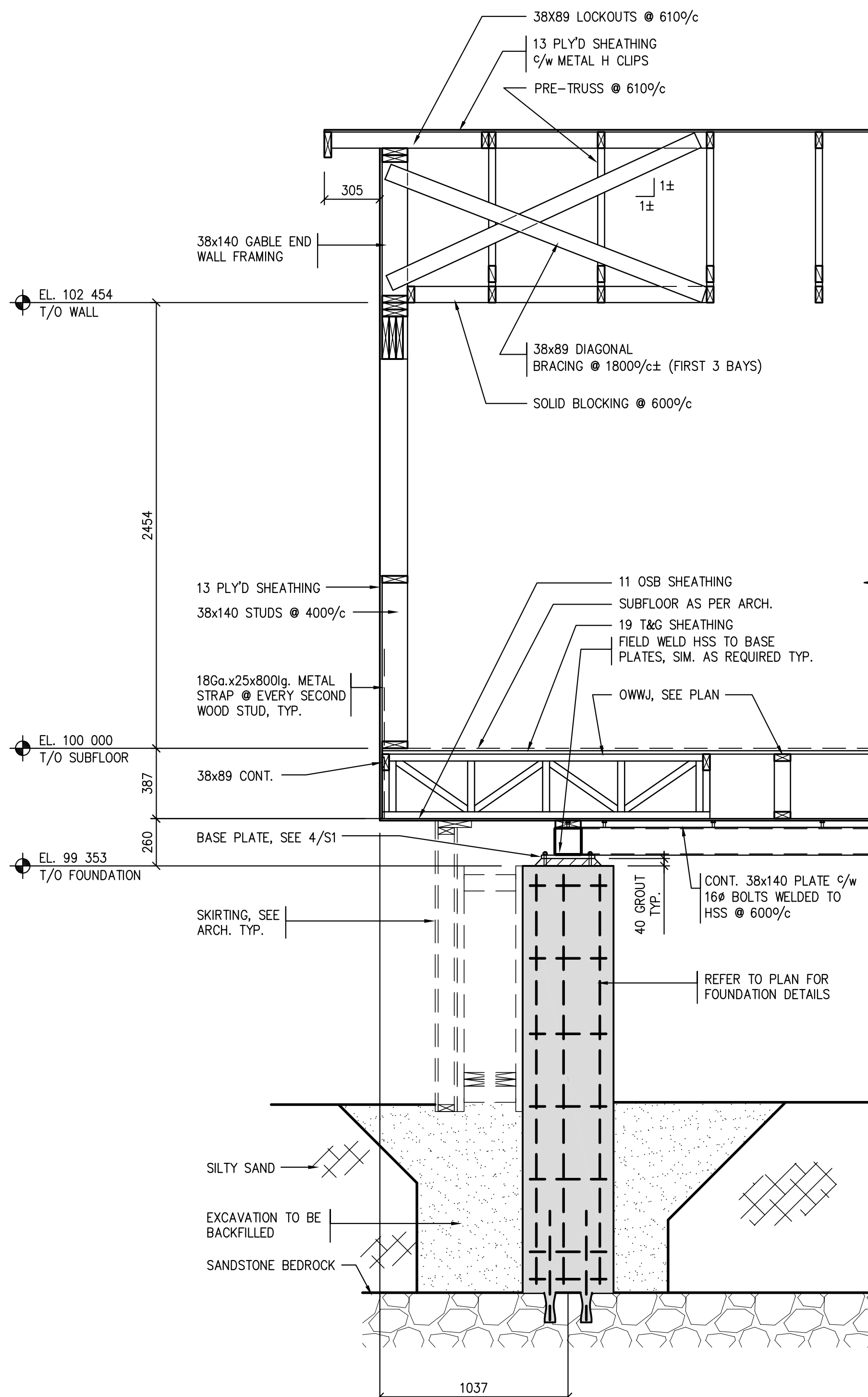
HOUSING UNIT SECTIONS

Project No./No. du projet S-03-2014A	Sheet/Feuille S2	Revision no./ La Révision no. 0
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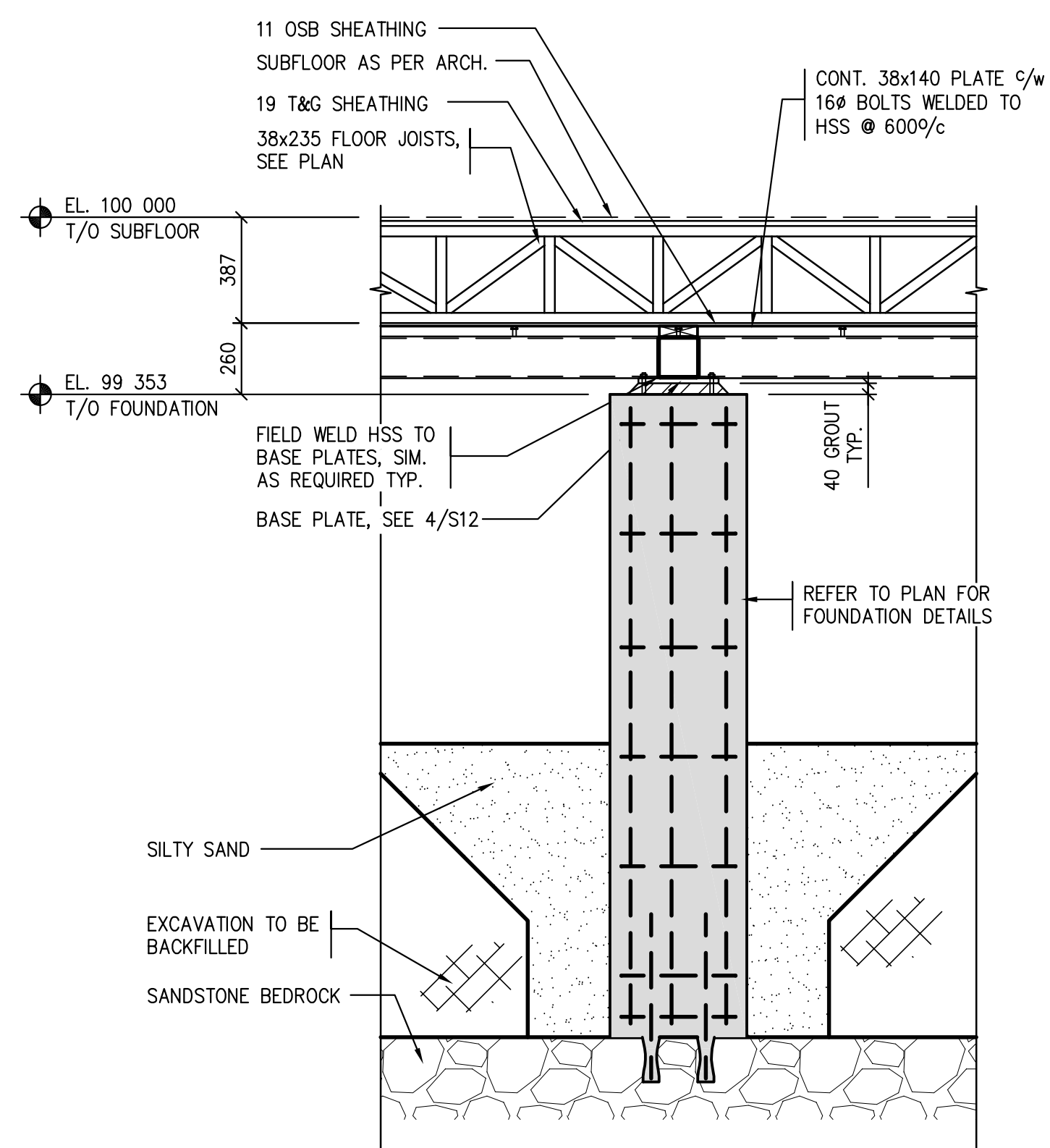




1 HOUSING UNIT – SECTION
S1/S3 1:20



2 HOUSING UNIT – SECTION
S1/S3 1:20



3 HOUSING UNIT – SECTION
S1/S3 1:20

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Client/client		

Project title/Titre du projet

**NEW EMPLOYEE HOUSING AND
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BLACK LAKE AND STONY RAPIDS,
SASKATCHEWAN**

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Project Manager/Administrateur de Projets

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

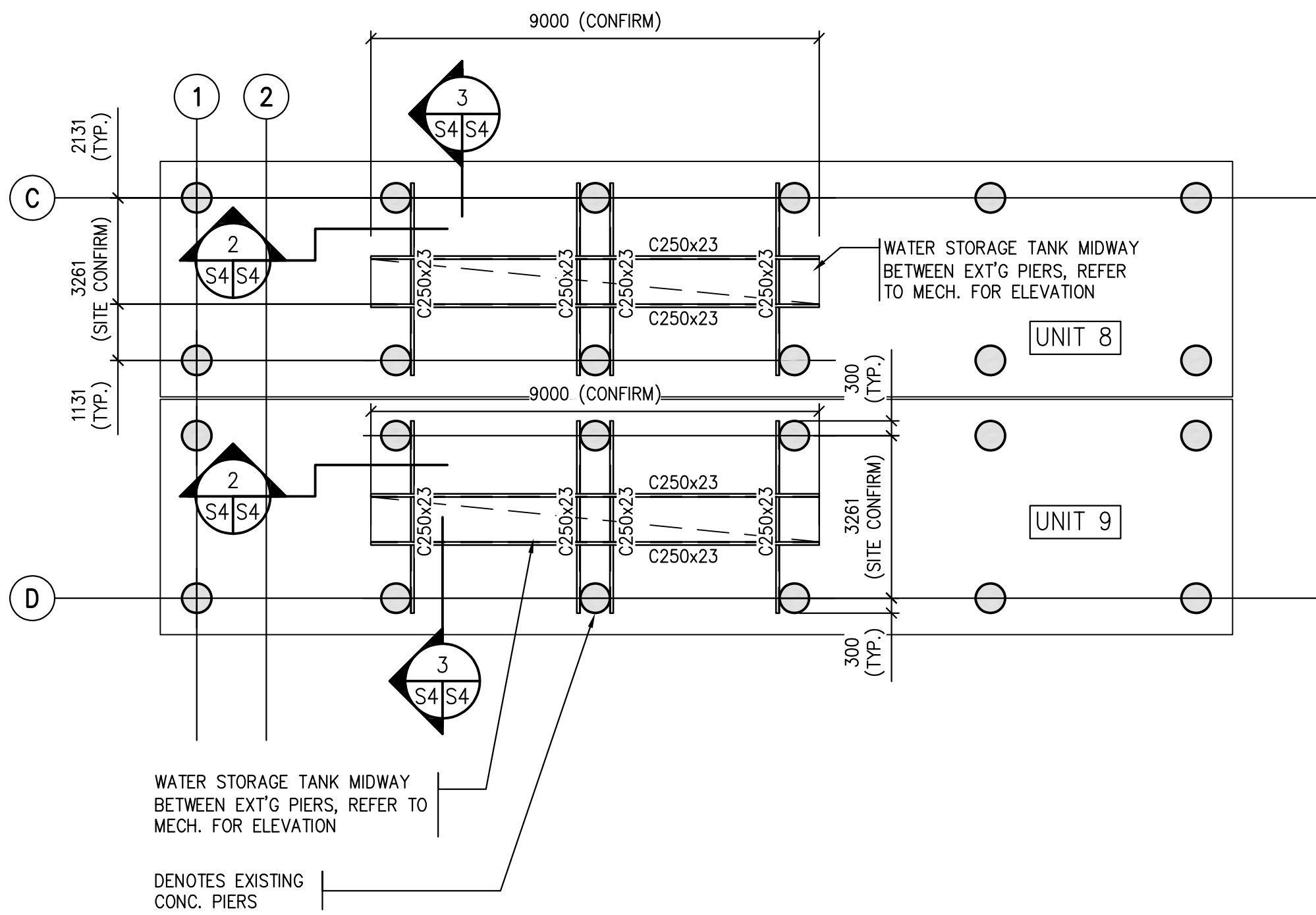
Client/client

Drawing title/Titre du dessin

HOUSING UNIT SECTIONS

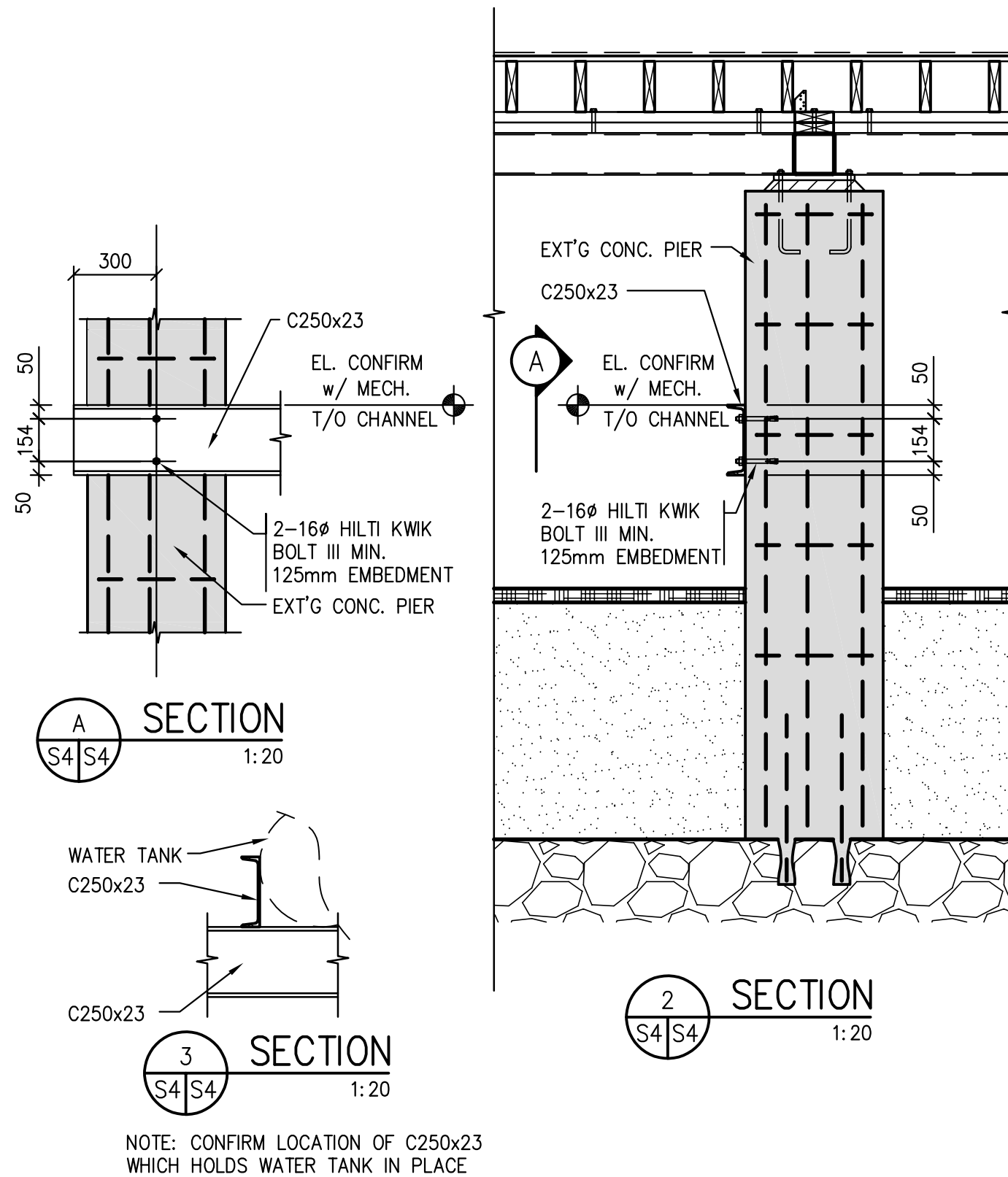
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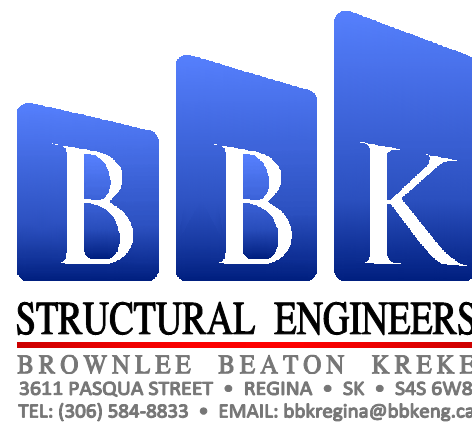


1 WATER STORAGE TANK SUPPORT 1:100

- NOTES:
1. MAX WEIGHT OF WATER TANK TO BE 12,500lbs



NOTE: CONFIRM LOCATION OF C250x23 WHICH HOLDS WATER TANK IN PLACE



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SASKATCHEWAN**

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Designed by/Concept par
SK

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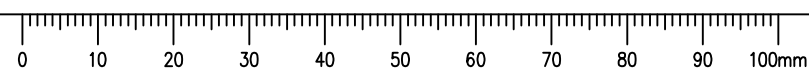
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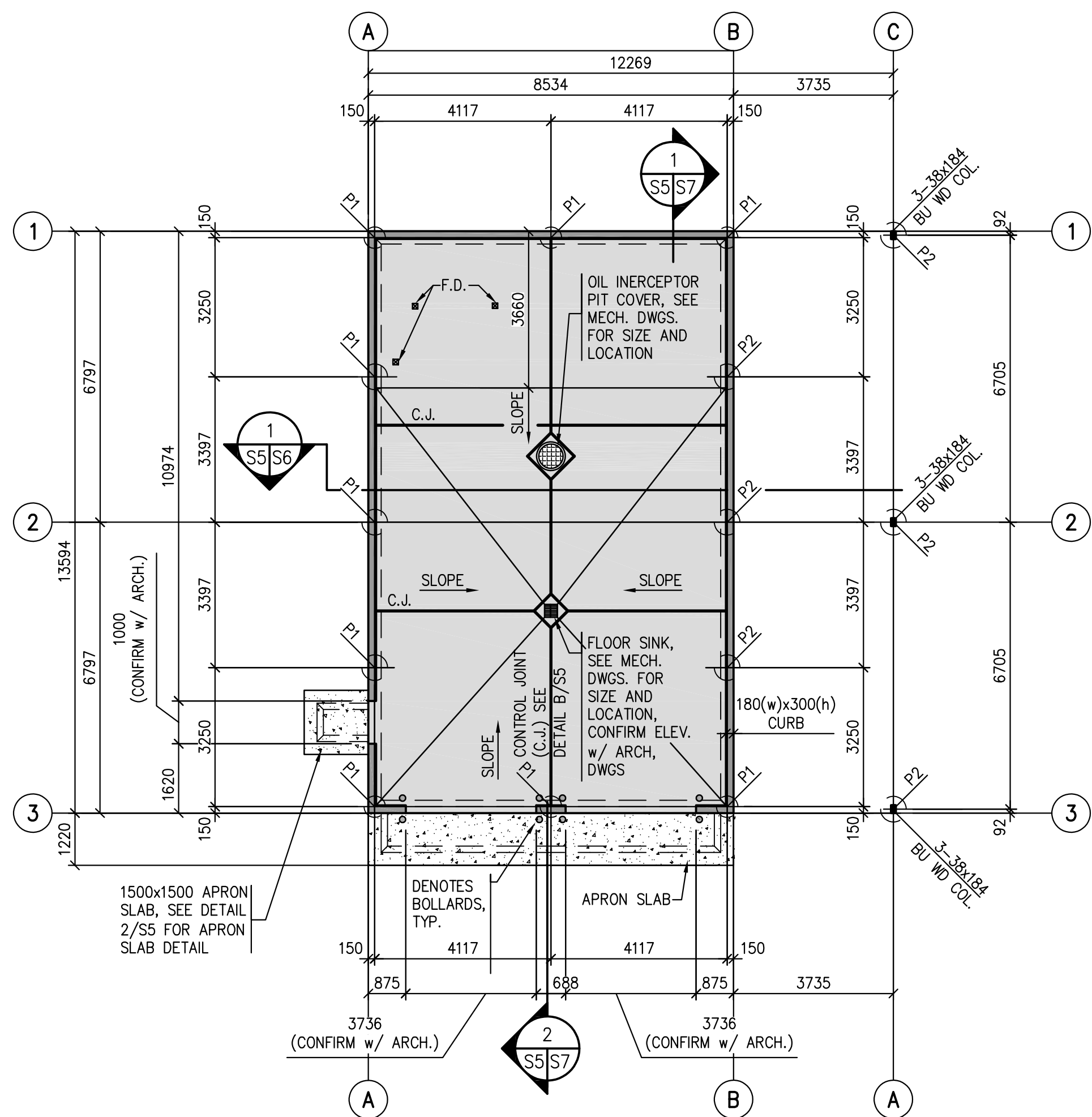
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

Drawing title/Titre du dessin
**WATER TANK SUPPORT
PLAN & DETAILS**

Project No./No. du projet S-03-2014A	Sheet/Feuille S4	Revision no./ La Révision no. 0
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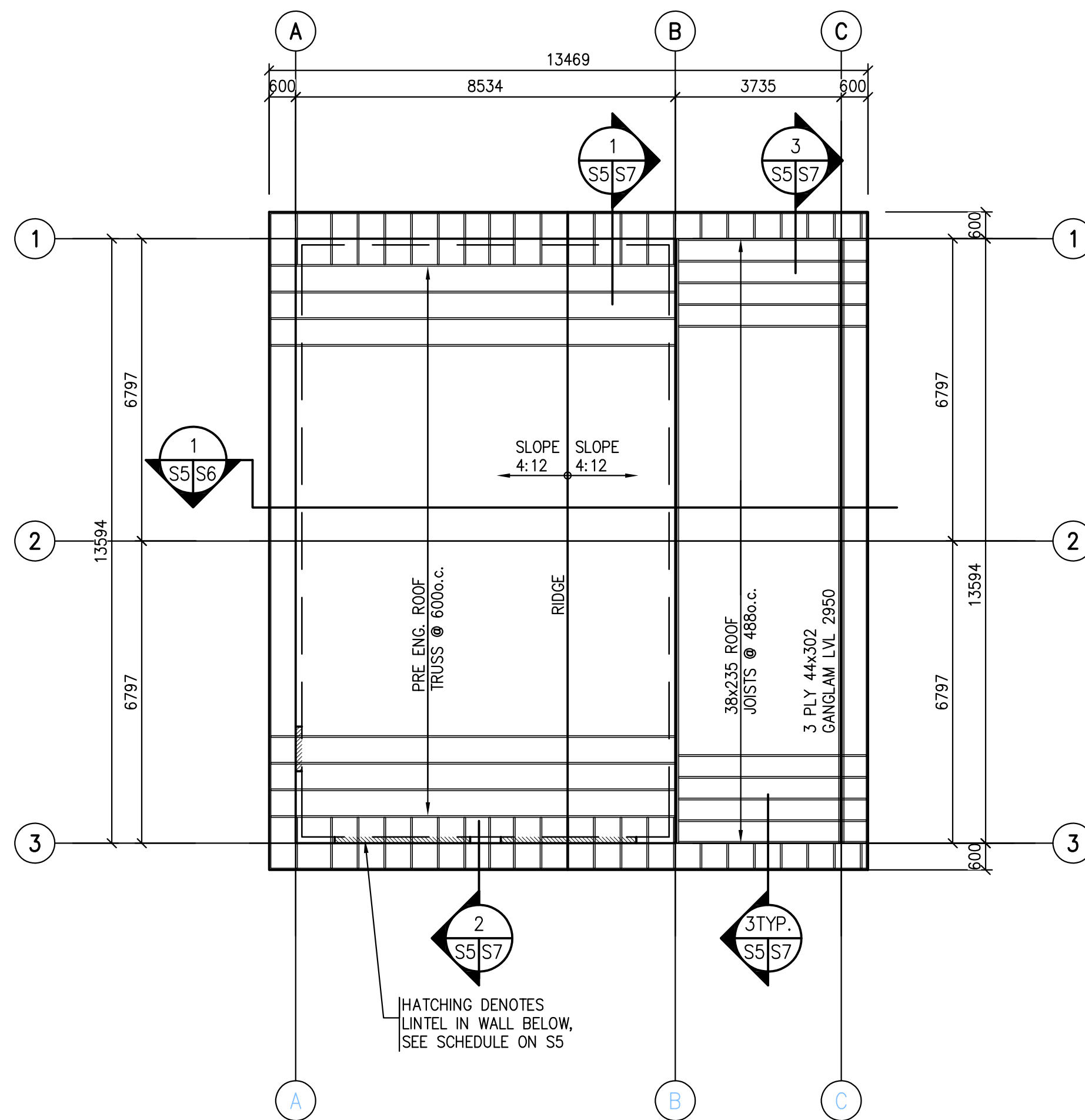
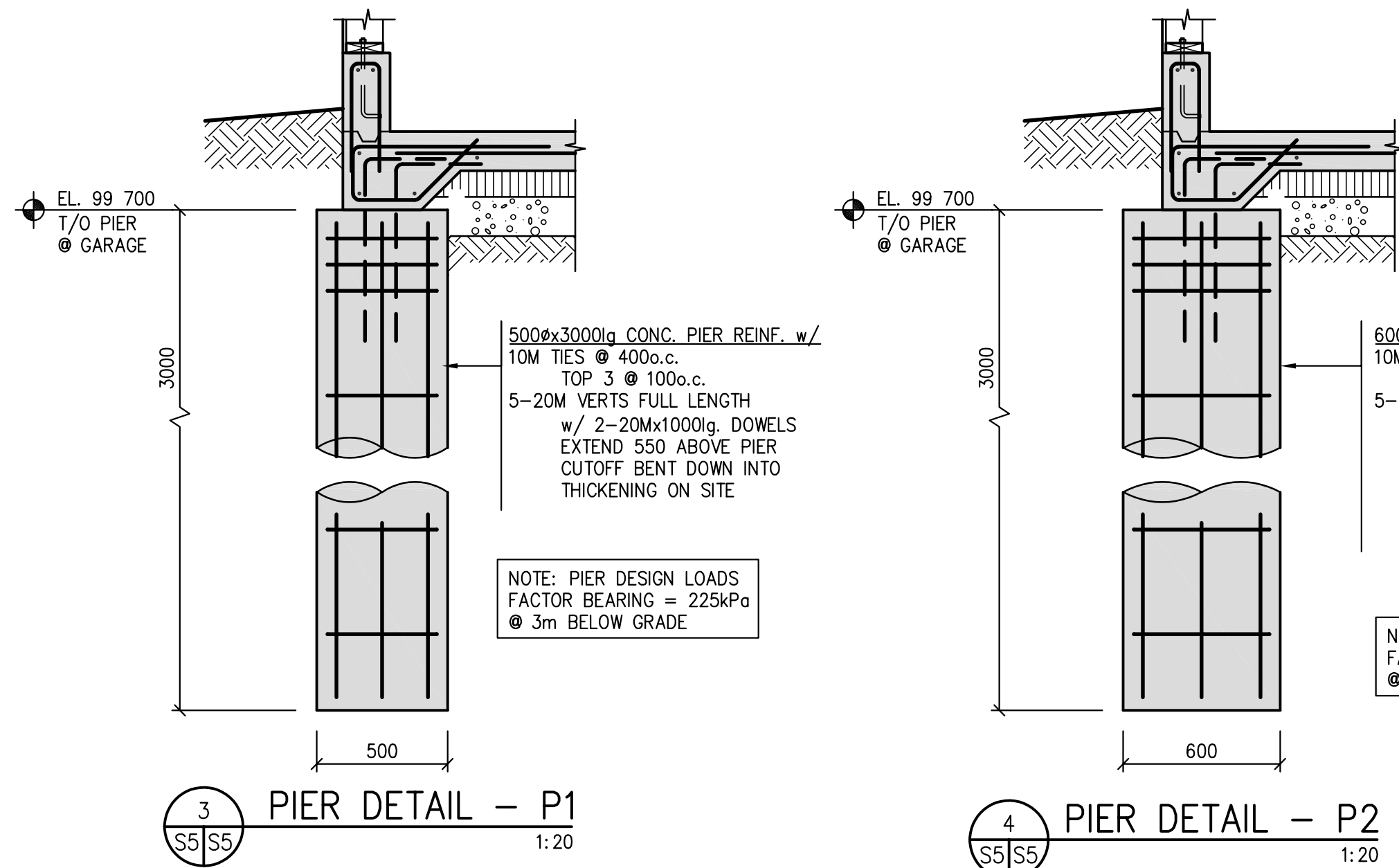




FOUNDATION PLAN
1:100

NOTES:

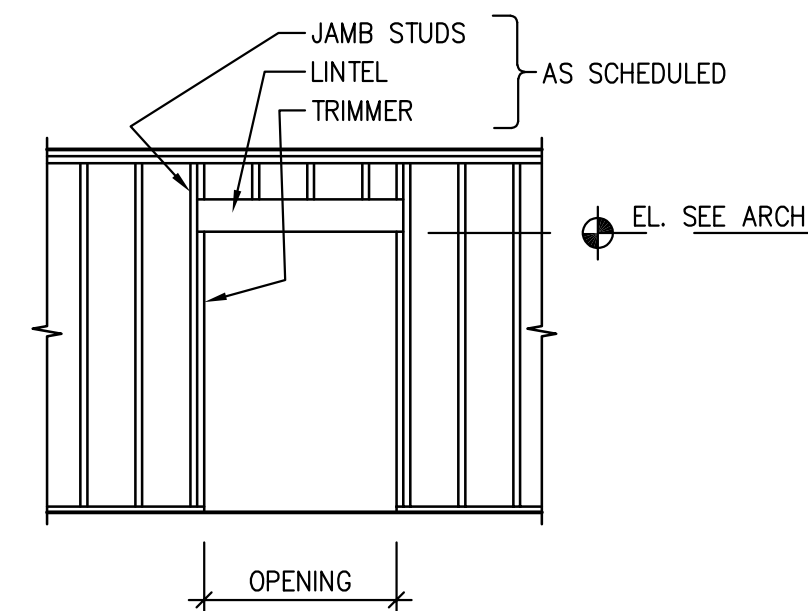
- FLOOR CONSTRUCTION TO BE:
150 CONCRETE SLAB c/w 10M @ 300 o.c. E.W. MIDDLE
0.15 POLY VAPOUR BARRIER
150mm COMPACTED GRANULAR FILL.
PREPARED SUBGRADE
- T/O MAIN FLOOR CONCRETE @ ELEVATION 100 000.
- INSTALL 3mm x 25mm dp CONTROL JOINTS IN CONCRETE FLOOR SLAB AS INDICATED ON PLAN.
FILL JOINT WITH SEALANT 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 lg DOWELS @ 600o.c. TO EXTERIOR FOUNDATIONS WHERE SIDEWALKS OR
SLABS ABUT BUILDING. (USE 20M DOWELS WHEN PLACED THRU RIGID INSULATION)
- P1 AND P2 DENOTES CONC. PIERS, SEE DETAILS ON S5.
- F.D. DENOTES FLOOR DRAIN, SEE MECH. FOR SIZE AND LOCATION



ROOF PLAN
1:100

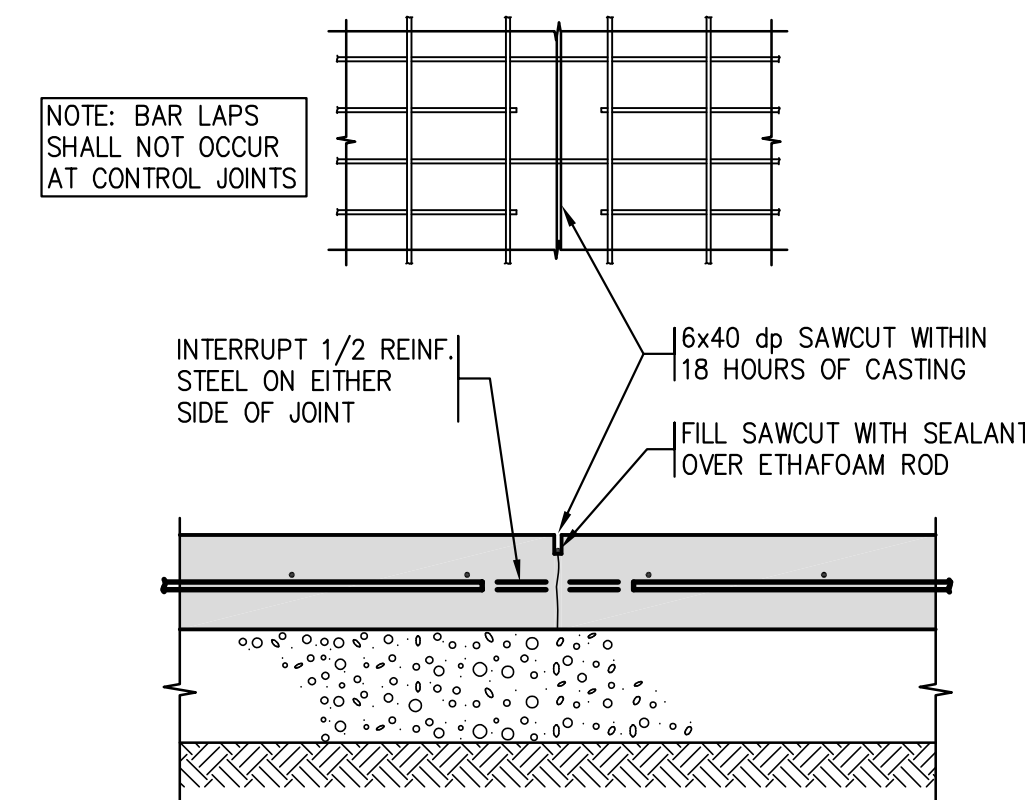
NOTES:

- ROOF CONSTRUCTION TO BE
13mm 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 HIP. ADJUST NUMBER
AND SPACING AS REQUIRED BY DESIGN. TRUSS DESIGN BY TRUSS
SUPPLIER.
U/S ROOF TRUSSES AT ELEVATION 103 681 UNO
- 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

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



CONTROL JOINT
@ 150 SLAB-ON-GRADE NTS
- STONEY RAPIDS GARAGE

SEP Architecture Inc.

109 - 3725 Pasqua Street, Regina, SK S4S 6W8 ph: (306) 569-3255
102 - 3718 Kinsler Place, Saskatoon SK S7P 0A6 ph: (306) 602-6457
website: www.sepw.ca

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BROWNLEE BEATON KREKE
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**NEW EMPLOYEE HOUSING AND
NEW GARAGE
BLACK LAKE AND STONY RAPIDS,
SASKATCHEWAN**

Approved by/Approuve par

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

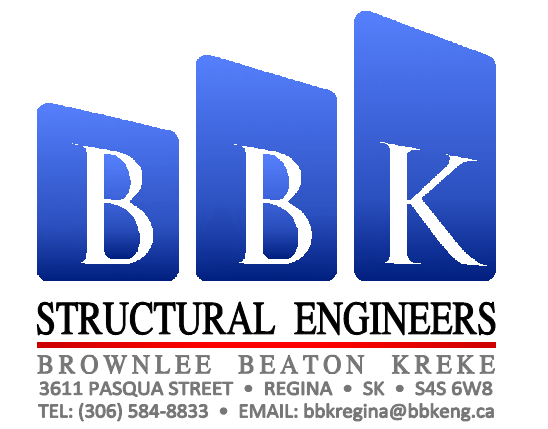
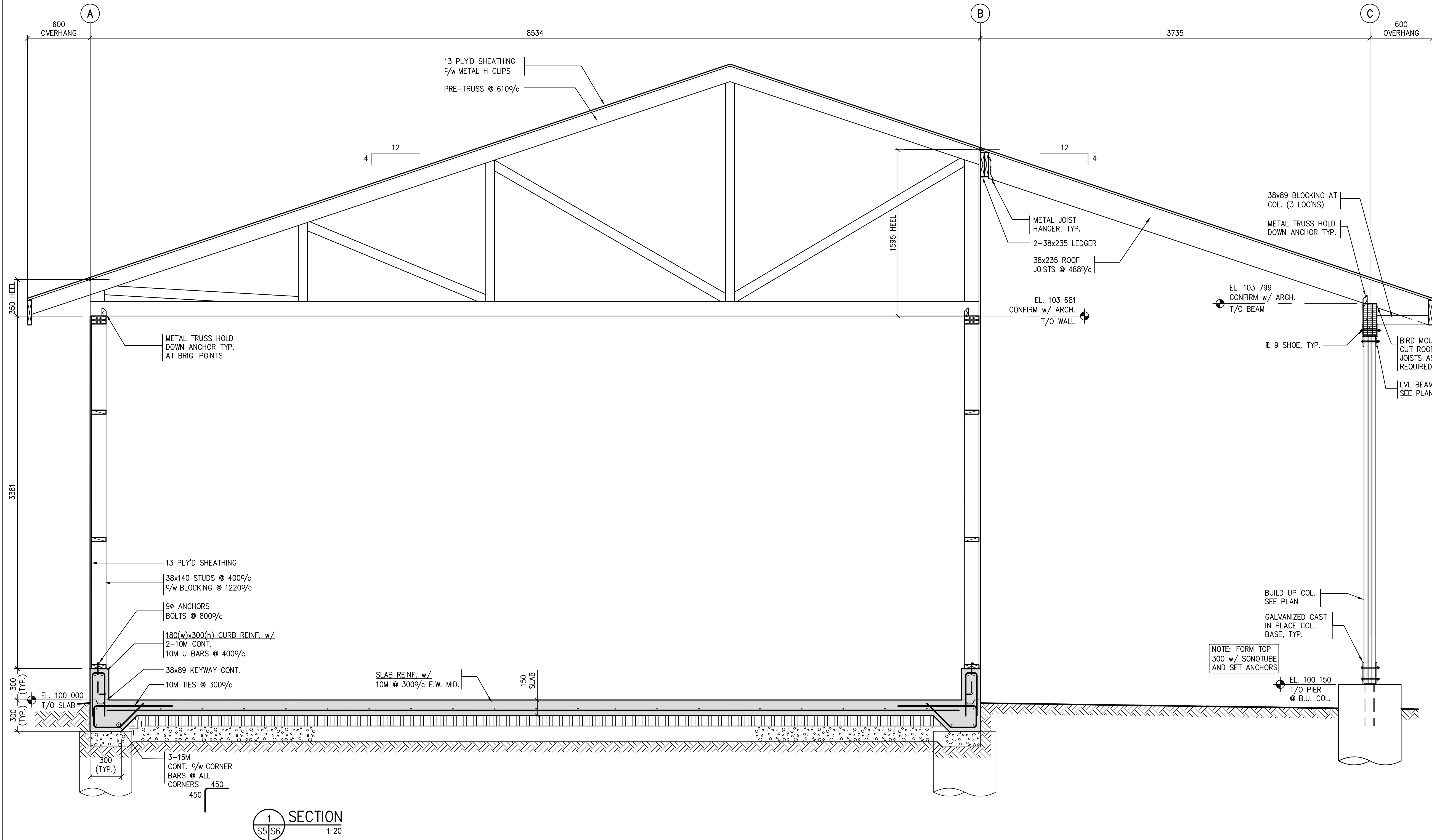
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Drawing title/Titre du dessin

GARAGE PLANS AND DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
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BLACK LAKE AND STONY RAPIDS,
SASKATCHEWAN

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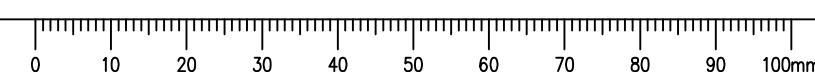
Project Manager/Administrateur de Projets

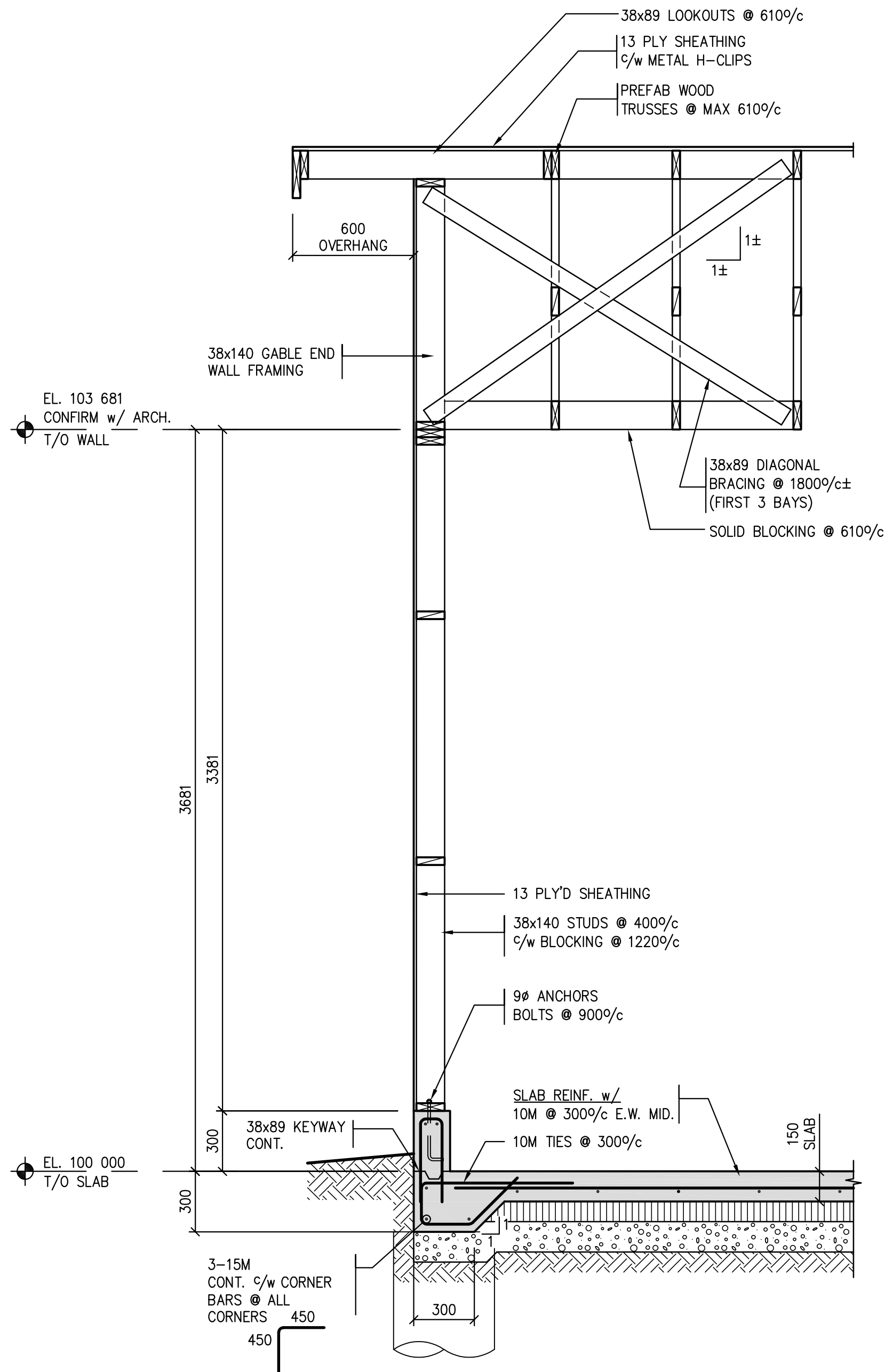
Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie

Client/client

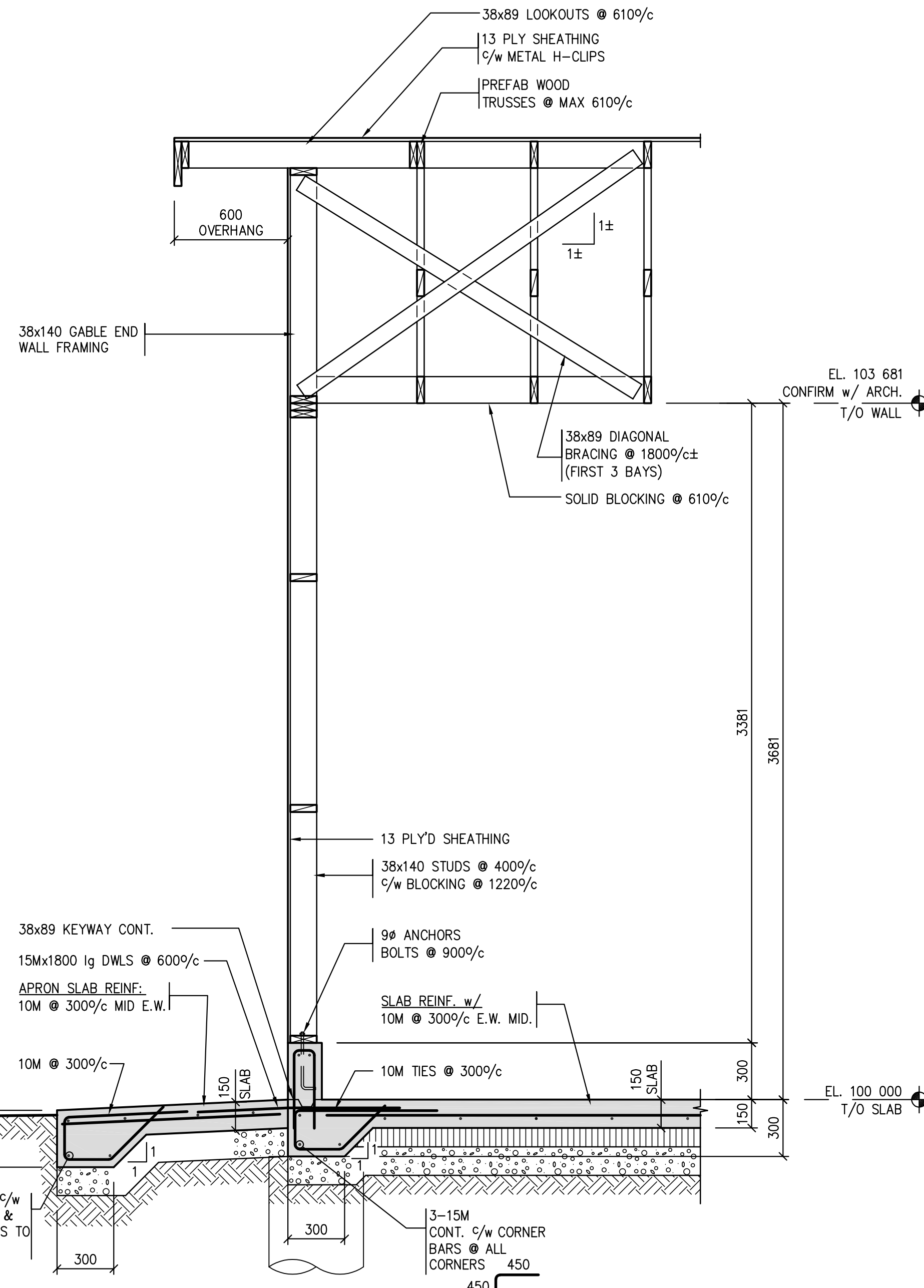
Drawing title/Titre du dessin
GARAGE SECTIONS

Project No./No. du projet S-03-2014A	Sheet/ Feuille S6	Revision no./ La Révision no. 0
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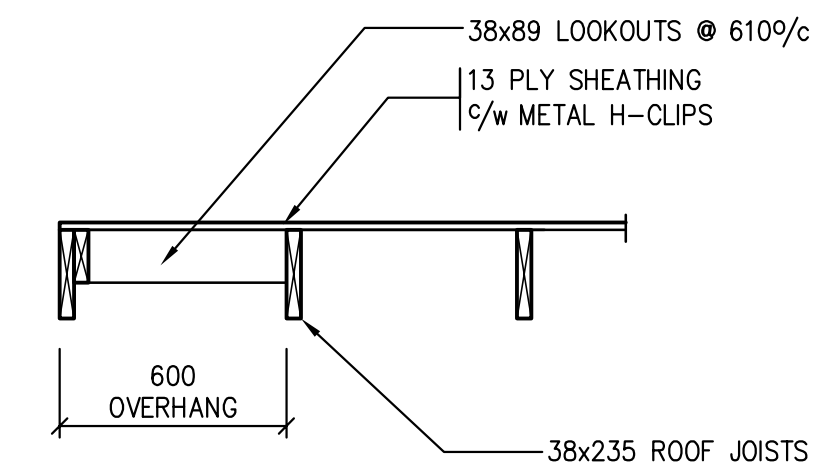




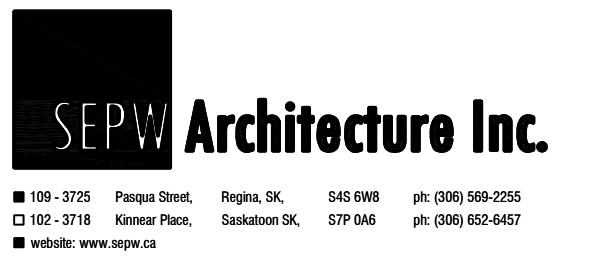
1 SECTION
S5/S7 1:20



2 SECTION
S5/S7 1:20



3 SECTION
S5/S7 1:20



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NEW EMPLOYEE HOUSING AND NEW GARAGE BLACK LAKE AND STONY RAPIDS, SASKATCHEWAN

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Ressources Architectural et de Directeur d'ingénierie

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GARAGE SECTIONS

Project No./No. du projet S-03-2014A	Sheet/ Feuille S7	Revision no./ La Révisión no. 0
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