

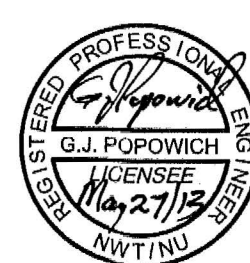
1 1 BUILDING CROSS SECTION
B2 B5 B3 B5 1:40



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Issue / Revision	Date
1 ISSUED FOR CLIENT REVIEW	OCTOBER 2012
2 ISSUED FOR 66% SUBMISSION	NOVEMBER 2012
3 ISSUED FOR 99% SUBMISSION	JANUARY 2013
4 ISSUED FOR TENDER	FEBRUARY 2013
5 REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013

PERMIT TO PRACTICE
Nuna Burnside Engineering and Environmental Ltd.
Signature: *[Signature]*
Date: *May 27/13*
PERMIT NUMBER: P 535
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU



Nuna BURNSIDE

Nuna Burnside Engineering & Environmental LTD.
106B Scurfield Blvd., Winnipeg, Manitoba
telephone (204) 949-7110 fax (204) 949-7111
web www.neeganburnside.com

Client
**GOVERNMENT OF NUNAVUT
COMMUNITY & GOVERNMENT
SERVICES
RANKIN INLET
SEWAGE TREATMENT PLANT**

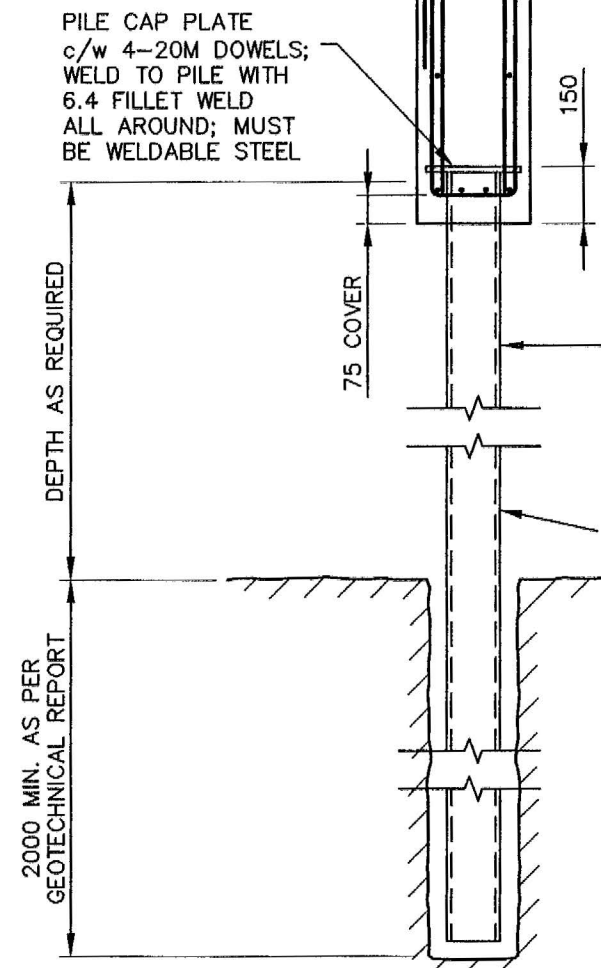
Drawing Title
BUILDING CROSS SECTION

Drawn By J. JUACALLA	Checked By G. POPOWICH	Drawing No. B-5
Scale 1:40	Project No. 300031281	

25

TYPICAL EXT. WALL (STRUCTURAL ONLY)
12.5mm CSP PLYWOOD
38x184 STUDS @ 400mm c/c
c/w SOLID BLOCKING AT MIDHEIGHT;
12.5mm CSP PLYWOOD INTERIOR FACE.
REFER TO ARCHITECTURAL FOR
ADDITIONAL REQUIREMENTS

EXTEND HORIZONTAL BARS OVER PILES;
EXTEND AT CORNERS AND OVERLAP
WITH 900x900 CORNER DOWELS



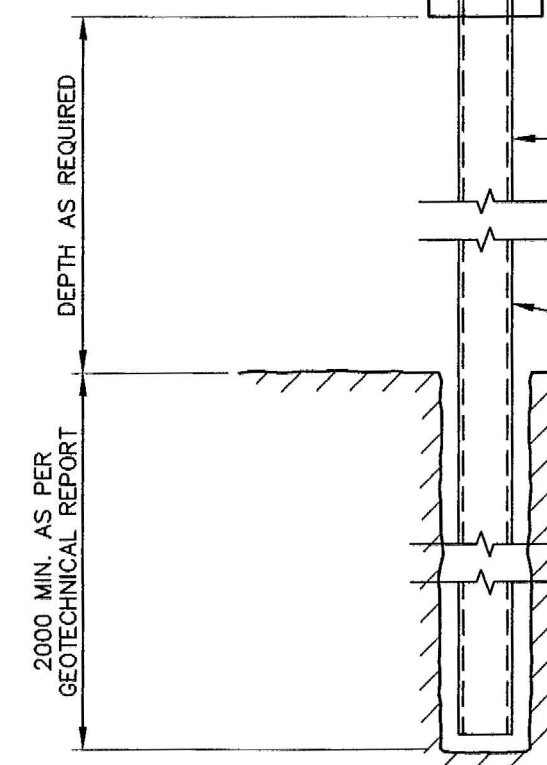
BACKFILL AND INSULATION
NOT SHOWN FOR CLARITY

1
S5

SCALE 1:20

INTERIOR LOAD
BEARING WALLS TO
BE 38x140 @ 400c/c
c/w 12.5mm CSP
PLYWOOD EACH SIDE

PILE CAP PLATE
c/w 4-20M DOWELS;
WELD TO PILE WITH
6.4 FILLET WELD
ALL AROUND; MUST
BE WELDABLE STEEL



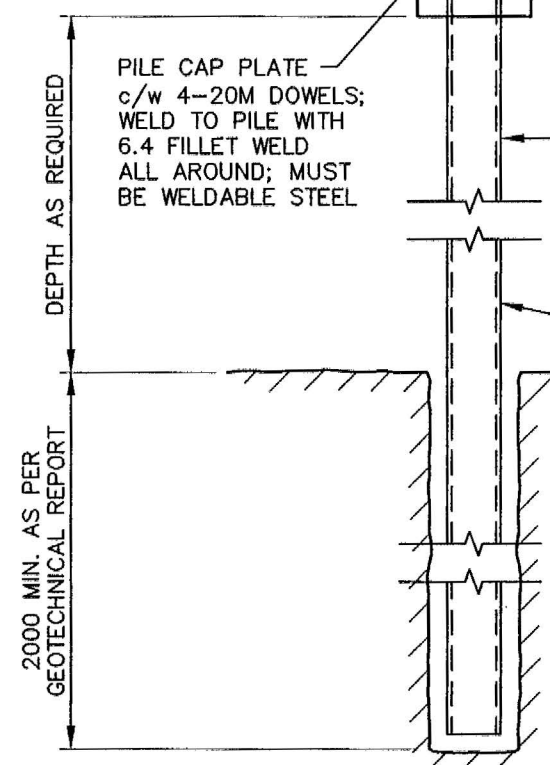
BACKFILL AND INSULATION
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2
S5

SCALE 1:20

250x100 CONCRETE CURB
c/w 2-10M CONTINUOUS,
10M U BAR @ 400c/c

PILE CAP PLATE
c/w 4-20M DOWELS;
WELD TO PILE WITH
6.4 FILLET WELD
ALL AROUND; MUST
BE WELDABLE STEEL

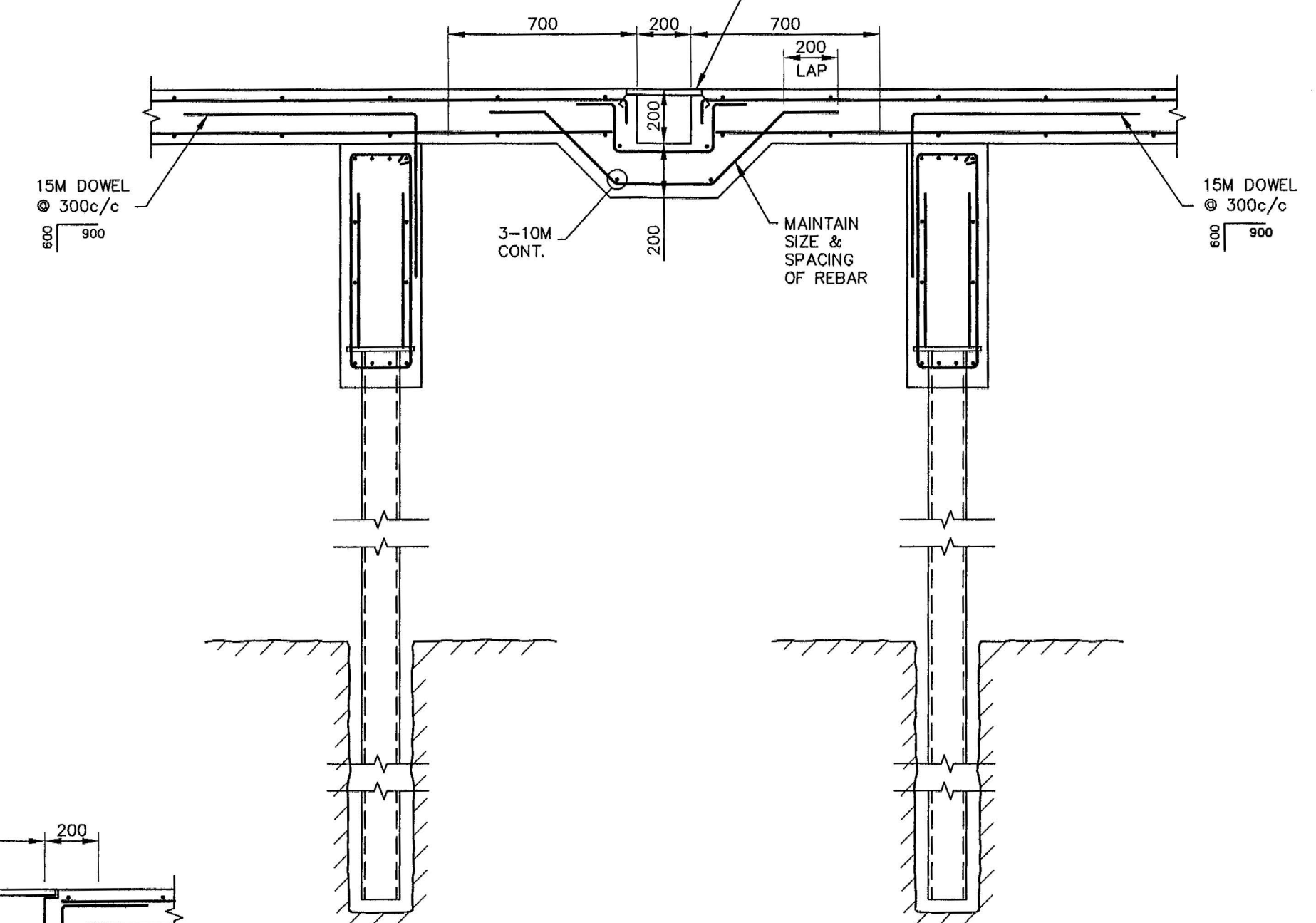


BACKFILL AND INSULATION
NOT SHOWN FOR CLARITY

3
S5

SCALE 1:20

L50x50x6.4 c/w 12#
ANCHOR RODS @ 400c/c
(TYP. ALL AROUND EDGE OF
TRENCH AND SUMP PITS)

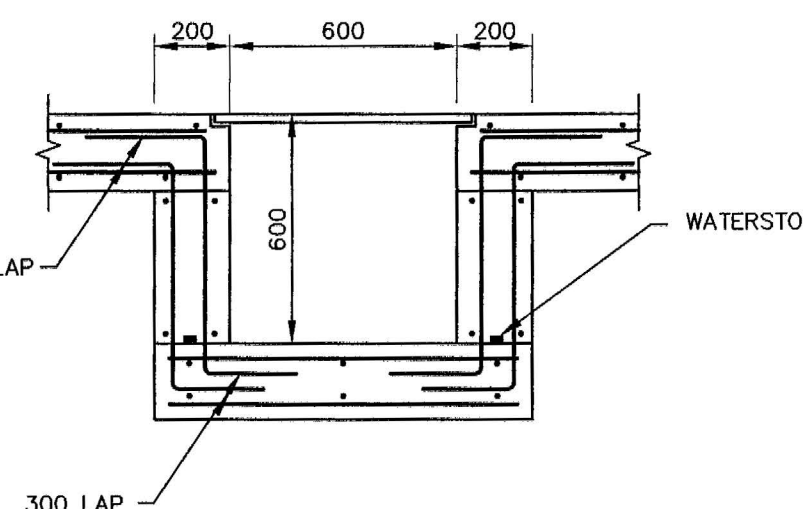


BACKFILL AND INSULATION
NOT SHOWN FOR CLARITY

4
S5

AT TRENCH

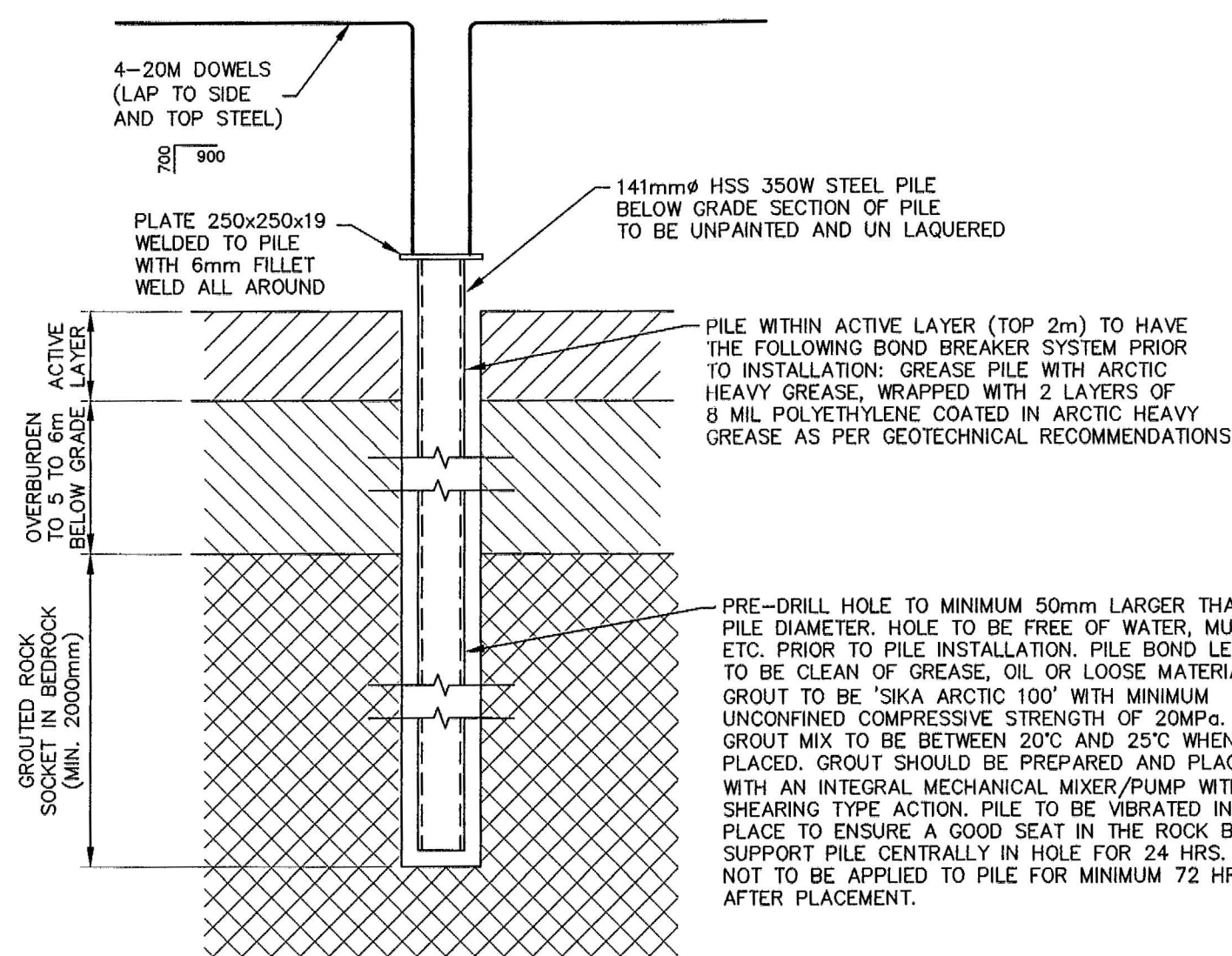
SCALE 1:20



4A
S5

AT SUMP PIT

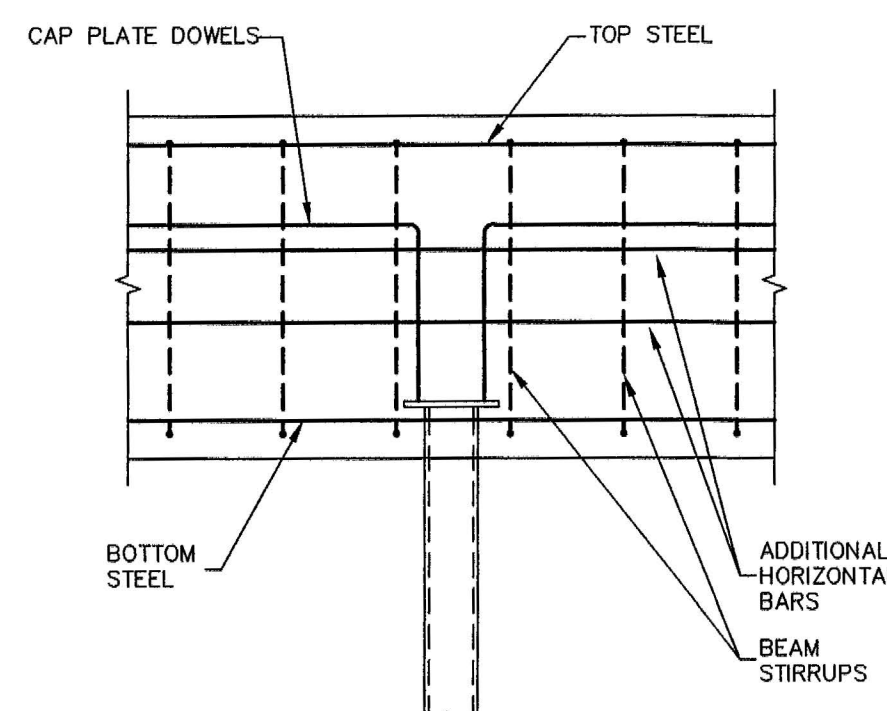
SCALE N.T.S.



TYPICAL ROCK SOCKETED PILE
CONCRETE BEAM NOT SHOWN FOR CLARITY

5
S5

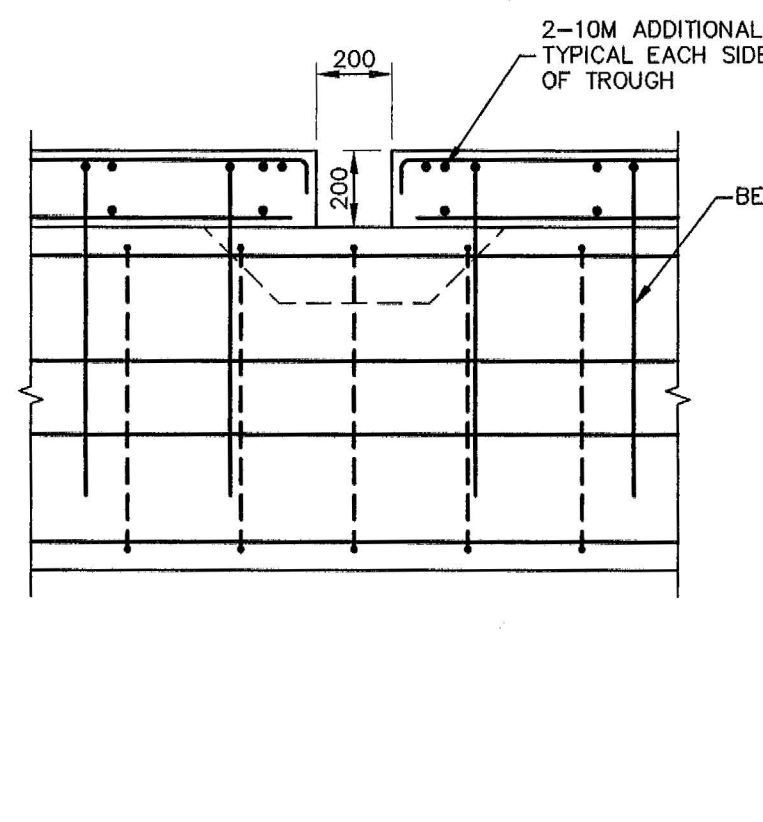
SCALE 1:20



PILE CAP CONNECTION
TO CONCRETE BEAM (TYP)

5A
S5

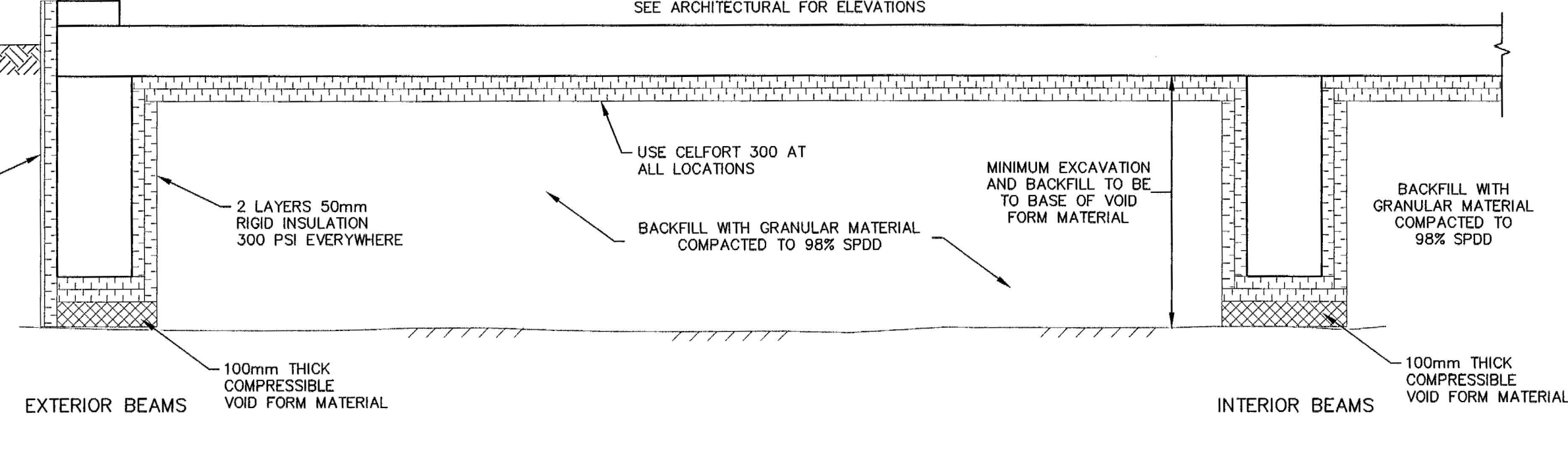
SCALE 1:20



DETAIL FOR BEAM
REINFORCING AT TROUGH

6
S5

SCALE 1:20



TYPICAL INSULATION AND BACKFILL

7
S5

SCALE 1:20

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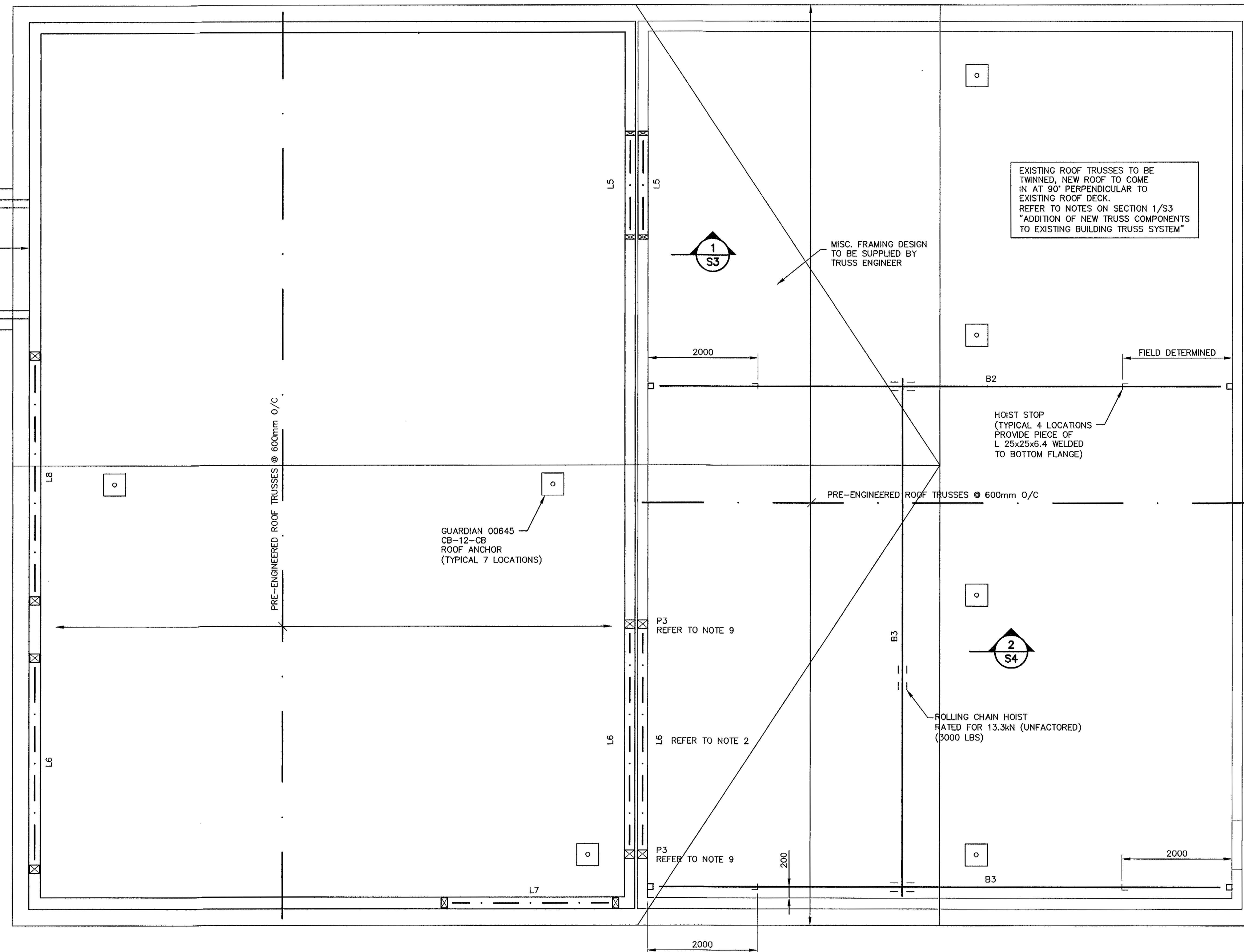
Nuna Burnside
Nuna Burnside Engineering & Environmental LTD.
106B Scurfield Blvd., Winnipeg, Manitoba
telephone (204) 949-7110 fax (204) 949-7111
web www.neeganburnside.com

Client
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SERVICES
RANKIN INLET
SEWAGE TREATMENT PLANT

Drawing Title
SECTIONS AND DETAILS

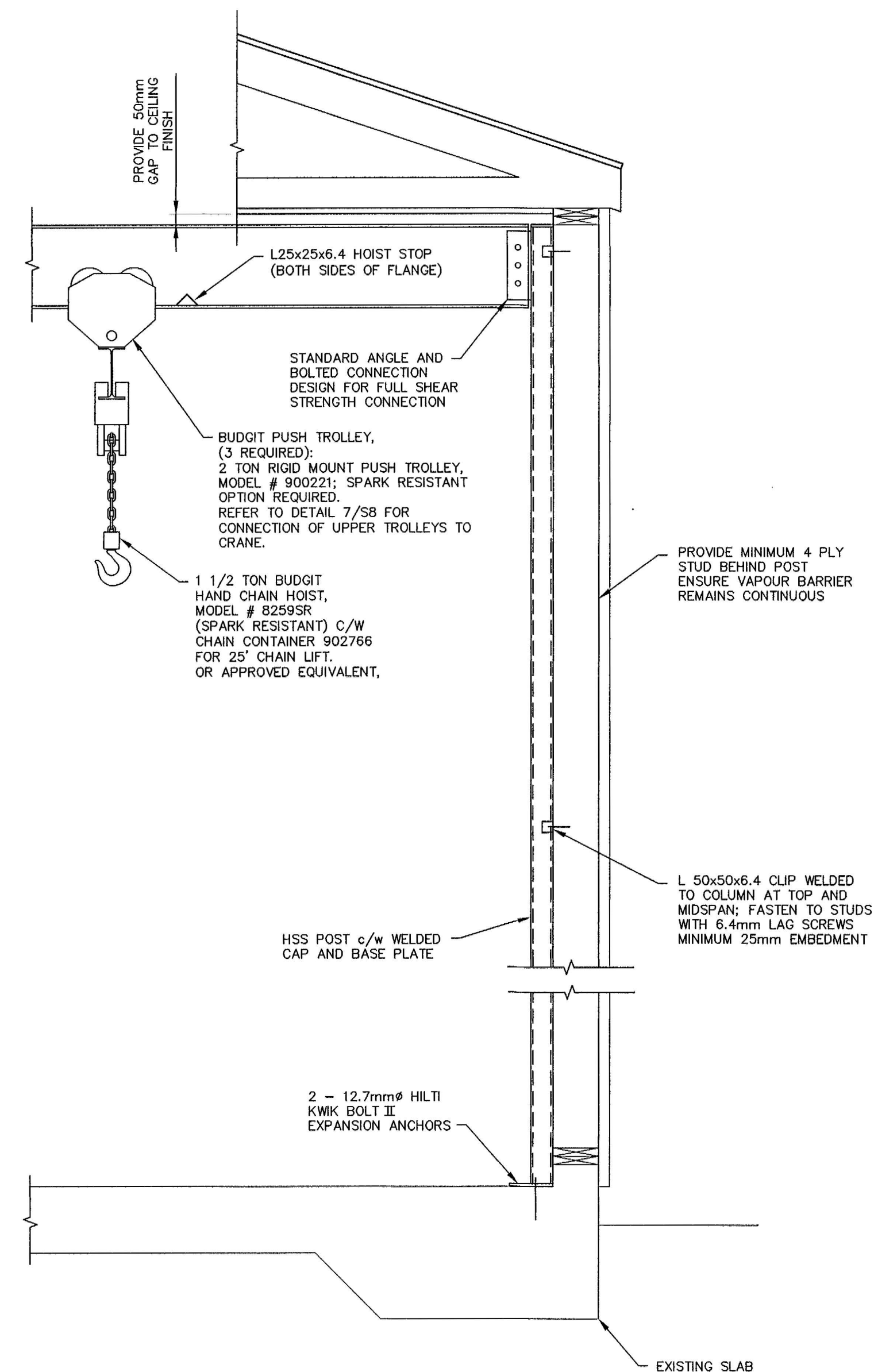
Drawn By W. WHITEDUCK	Checked By C. JONES	Drawing No. S5
Scale AS NOTED	Project No. 300031281	

PRE-ENGINEERED
ROOF TRUSSES
@ 600mm O/C;
PROVIDE SIMPSON
TYPE H2.5A TIE
DOWN CLIPS
EACH END

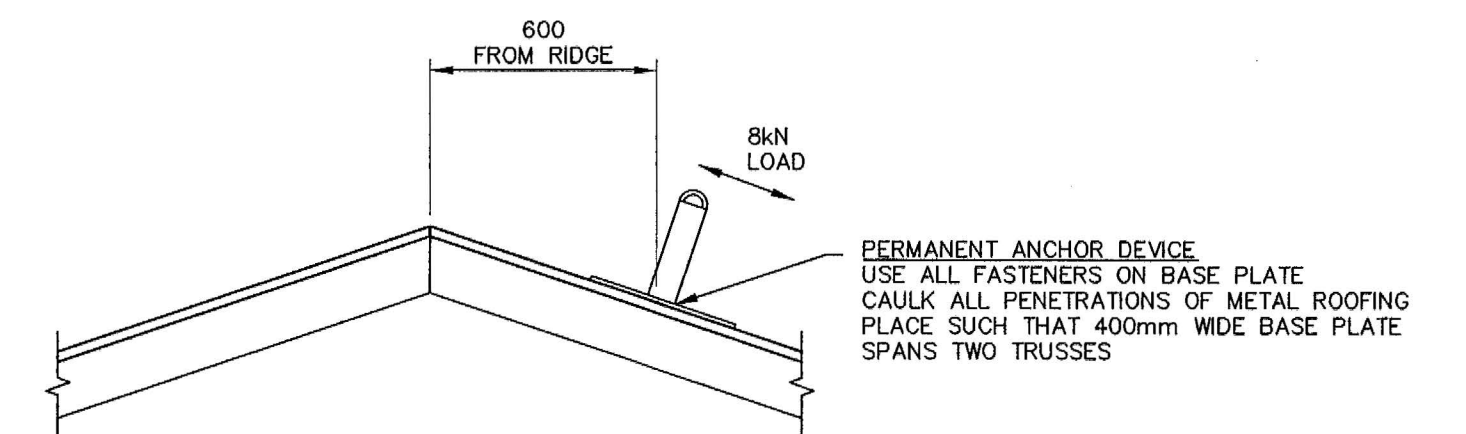


ROOF FRAMING PLAN
SCALE 1:50

- L5 - 3 PLY 1 1/2" x 9 1/4" 1.9E MICROLAM LVL.
- L6 - 3 PLY 1 1/2" x 14" 1.9E MICROLAM LVL. INSTALL TO SUIT FINAL ELEVATION OF HVAC UNIT HUNG FROM CEILING.
- L7 - 3 PLY 1 1/2" x 14" 1.9E MICROLAM LVL.
- L8 - 3 PLY 1 1/2" x 14" 1.9E MICROLAM LVL.
- B2 - FIXED S380x74 RAIL BEAM.
- B3 - MOVEABLE S250x52 RAIL c/w 1.5 TON RATED HOIST.
- P1 - 102x102x6.4 HSS c/w 200mmx150mmx12mm BASE PLATE.
- P2 - 3 PLY 38 x 184; 2 JACK STUDS, 1 KING STUD.
- P3 - 4 PLY 38 x 184; 2 JACK STUDS, 1 KING STUD. INSTALL TO SUIT FINAL ELEVATION OF HVAC UNIT HUNG FROM CEILING.



1
S4
SCALE 1:20



2
S4
SCALE 1:20

0 1 3m
1:50

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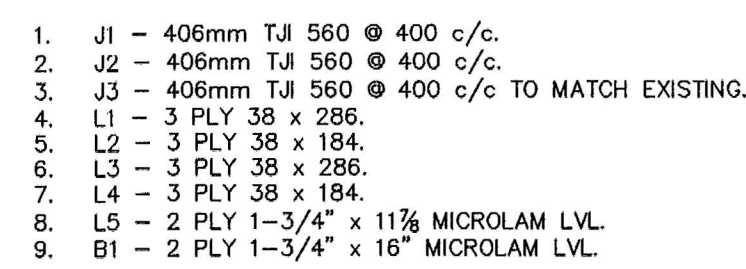


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**RANKIN INLET
SEWAGE TREATMENT PLANT**

Drawing Title
ROOF FRAMING PLAN

Drawn By W. WHITEDUCK	Checked By C. JONES	Drawing No. S4
Scale 1:50	Project No. 300031281	



ADDITION OF NEW TRUSS COMPONENTS TO EXISTING BUILDING TRUSS SYSTEM NOTES:

THE CURRENT BUILDING HAS FIXTURES, PIPING AND OTHER MISCELLANEOUS ITEMS CURRENTLY INSTALLED ON THE CEILING STRUCTURE. WITH THE ALTERNATION TO THE ROOF LINE, THE EXISTING SYSTEM IS INSUFFICIENT FOR CURRENT DESIGN LOADS REQUIRED BY THE NATIONAL BUILDING CODE. THE FOLLOWING IS A SUGGESTED INSTALLATION PROCEDURE FOR ADDING NEW TRUSSES CAPABLE OF SUPPORTING ALL ROOF LOADS, AND MAINTAINING THE EXISTING CEILING STRUCTURE AND HANGING FIXTURES DURING CONSTRUCTION. CONTRACTOR TO SUBMIT PREFERRED CONSTRUCTION METHODOLOGY TO DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO UNDERTAKING WORK.

1. REMOVE ROOF SHEATHING AND FINISH OVER THE FIRST 2.4 M OF ROOF FROM THE NORTH EDGE, FULL WIDTH OF ROOF.
2. REMOVE INSULATION IN UNCOVERED AREA.
3. REMOVE ANY LATERAL BRACING FROM TRUSS COMPONENTS; PROVIDE TEMPORARY LATERAL BRACING TO TRUSSES AS NECESSARY TO PREVENT FALLING OUT OF PLANE.
4. PLACE A NEW TRUSS, DESIGNED TO SUPPORT ALL ROOF AND CEILING LOADS BASED ON 400 MM C/C SPACING BESIDE EACH EXISTING TRUSS. NEW TRUSSES MUST MATCH EXISTING TRUSS GEOMETRY (OUTSIDE DIMENSIONS AND SLOPES).
5. CONNECT TRUSSES TOGETHER WITH 2 - 90 MM LONG NAILS @ 300 MM C/C ALONG TRUSS BOTTOM CHORD ONLY; ON TOP CHORD, INSTALL 3 - 3 MM THICK BENT PLATES OVER TOP CHORDS. NAIL TO NEW TRUSS ONLY. BENT PLAT TO MEASURE 100 x 80 x 100 x 150 LONG.
6. REPLACE BRACING ON EXISTING TRUSSES.
7. PLACE NECESSARY BRACING ON NEW TRUSSES AS PER PER-ENGINEERED TRUSSES DESIGN.
8. PLACE NEW ROOF SHEATHING IN ALTERNATING 1,200 AND 2,400 MM LENGTHS ON ROOF TO ENSURE STAGGERED PANEL JOINTS.
9. MOVE TO THE SOUTH AND REMOVE ANOTHER 2,400 MM WIDE STRIP OF SHEATHING AND REPEAT FROM STEP 1.
10. AT COMPLETION OF PLACEMENT OF TRUSSES AND RE-SHEATHING, INSTALL INSULATION AS REQUIRED.

4. Do not scale the drawings.

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Signature *S. J. Spaniol*
Date *May 27/13*
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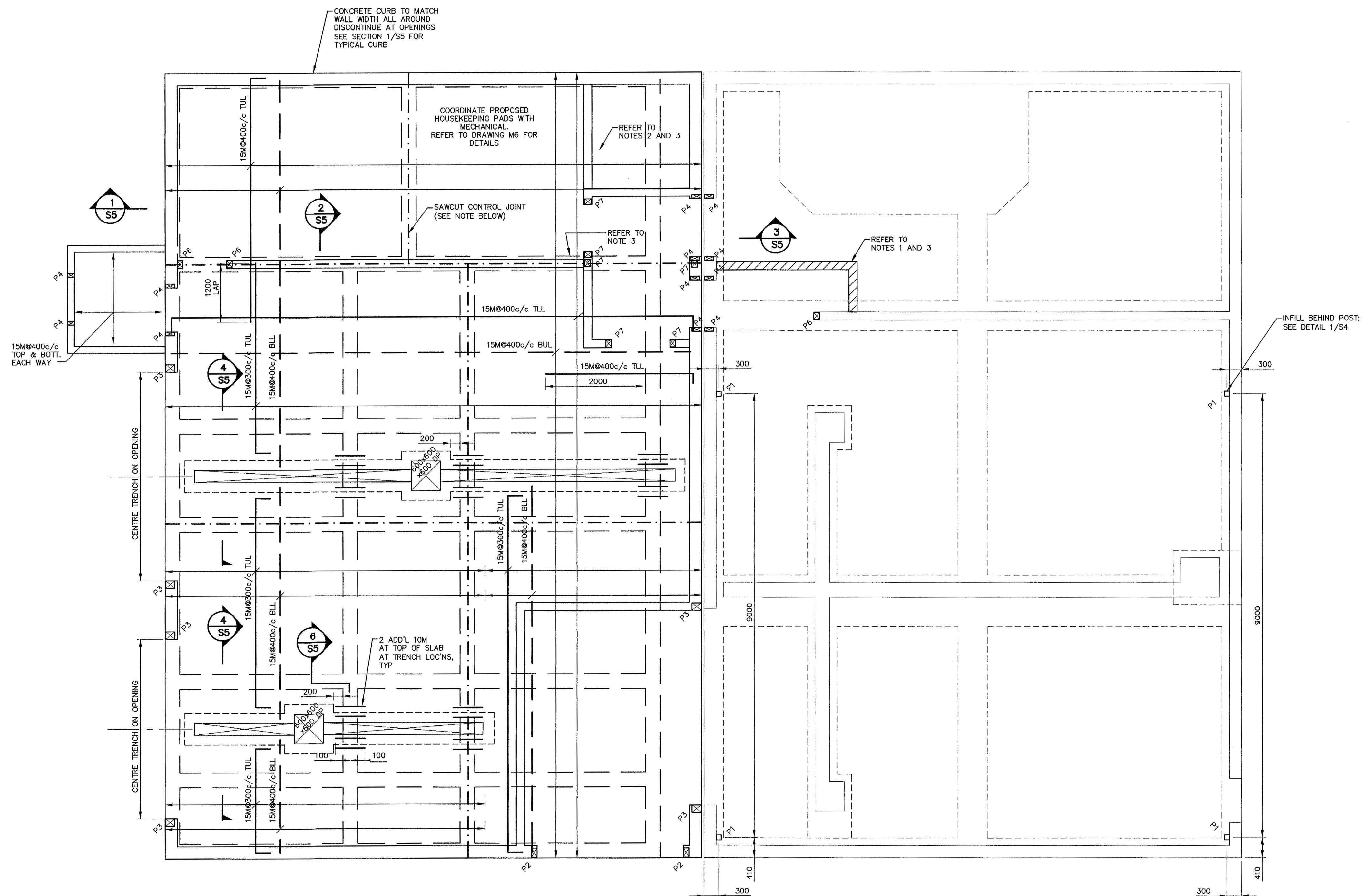
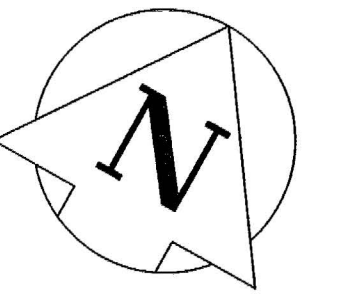


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SERVICES

RANKIN INLET
SEWAGE TREATMENT PLANT

Drawing Title		
SECOND FLOOR FRAMING PLAN		
Drawn By W. WHITEDUCK	Checked By C. JONES	Drawing No.
Scale AS NOTED	Project No. 300031281	S3



NOTES:

1. NEW PARTITION
2. NEW 100 HIGH CONTAINMENT CURB
3. PROVIDE CONCRETE CURBING FOR ALL INTERIOR WALLS (SEE SECTION & DETAIL S-5)

SLAB ON GRADE PLAN

SCALE 1:50

1. P1 - 102x102x6.4 HSS c/w 200mmx150mmx12mm BASE PLATE.
2. P2 - 3 PLY 38 x 184; 2 JACK STUDS; 1 KING STUD.
3. P3 - 4 PLY 38 x 184; 2 JACK STUDS; 1 KING STUD.
4. P4 - 2 PLY 38 x 184; 1 JACK STUD, 1 KING STUD.
5. P5 - 5 PLY 38 x 184; EXTEND OUTSIDE STUDS TO TOP PLATE.
6. P6 - 3 PLY 38 x 140; 2 JACK STUDS; 1 KING STUD.
7. P7 - 3 PLY 38 x 140; 2 JACK STUDS; 1 KING STUD.

NOTE:

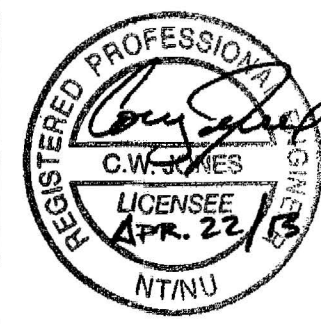
1. PROVIDE CONCRETE CURB UNDER ALL INTERIOR AND EXTERIOR WALLS
2. LOCATIONS OF SLAB SAWCUTS AS CONTROL JOINTS TO BE CONFIRMED BY DESIGN ENGINEER ONCE CONSTRUCTION SEQUENCE RECEIVED FROM CONTRACTOR



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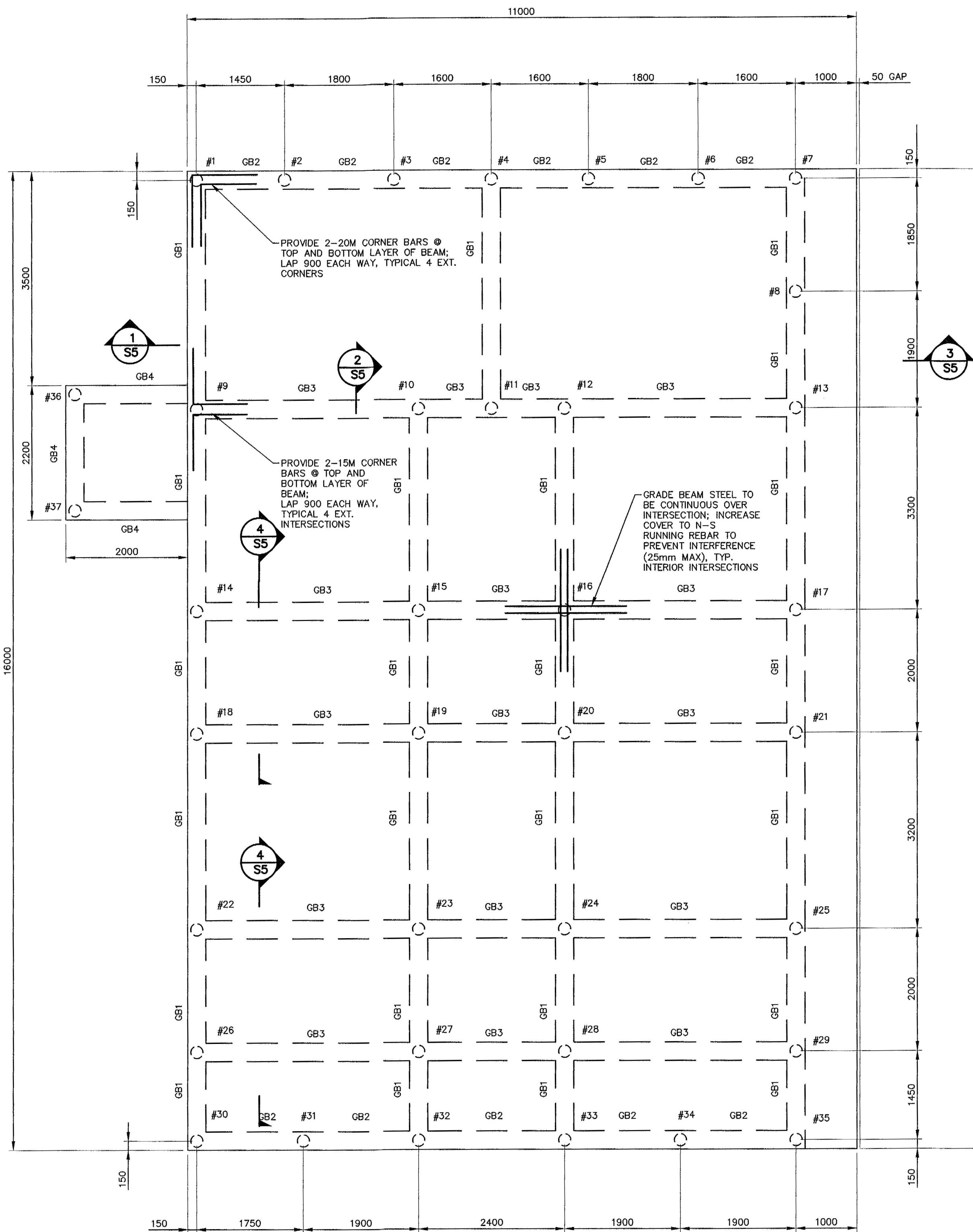


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Drawing Title
SLAB ON GRADE PLAN

Drawn By W. WHITEDUCK	Checked By C. JONES	Drawing No. S2
Scale 1:50	Project No. 300031281	



FOUNDATION PLAN

SCALE 1:50

NOTE: DIMENSIONS SHOWN TO CENTRE LINE OF PILES

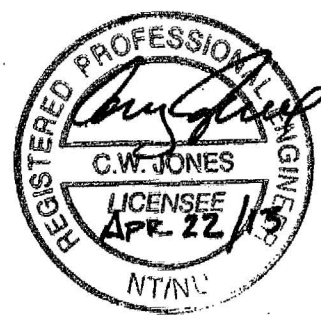
GRADE BEAM SCHEDULE				
MARK	WIDTH	DEPTH	REINFORCING	REMARKS
GB1	300	900	4-15M T&B	10M STIRR. @ 300c/c + 2-15 HEF
GB2	300	900	4-20M T&B	10M STIRR. @ 250c/c + 2-15 HEF
GB3	300	900	4-20M T&B	10M STIRR. @ 250c/c + 2-15 HEF
GB4	300	900	3-15M T&B	10M STIRR. @ 300c/c + 2-15 HEF

PILE SCHEDULE					
MARK	SIZE	LLuf (kN)	DLuf (kN)	MAX. FREESTANDING LENGTH (m)	REMARKS
#1	HSS 141 x 6.4	41.3	56.2	6m	CLASS H, 350W
#2	HSS 141 x 6.4	87.9	63.0	6m	CLASS H, 350W
#3	HSS 141 x 6.4	87.9	63.0	6m	CLASS H, 350W
#4	HSS 141 x 6.4	82.7	70.8	6m	CLASS H, 350W
#5	HSS 141 x 6.4	87.9	63.0	6m	CLASS H, 350W
#6	HSS 141 x 6.4	87.9	63.0	6m	CLASS H, 350W
#7	HSS 141 x 6.4	93.0	87.5	6m	CLASS H, 350W
#8	HSS 141 x 6.4	29.5	54.9	6m	CLASS H, 350W
#9	HSS 141 x 6.4	64.4	125.0	6m	CLASS H, 350W
#10	HSS 141 x 6.4	77.6	106.4	6m	CLASS H, 350W
#11	HSS 141 x 6.4	32.3	53.2	6m	CLASS H, 350W
#12	HSS 141 x 6.4	77.6	106.4	6m	CLASS H, 350W
#13	HSS 141 x 6.4	53.0	102.9	6m	CLASS H, 350W
#14	HSS 141 x 6.4	61.4	69.8	6m	CLASS H, 350W
#15	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#16	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#17	HSS 141 x 6.4	92.6	82.3	6m	CLASS H, 350W
#18	HSS 141 x 6.4	61.4	69.8	6m	CLASS H, 350W
#19	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#20	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#21	HSS 141 x 6.4	92.6	82.3	6m	CLASS H, 350W
#22	HSS 141 x 6.4	61.4	69.8	6m	CLASS H, 350W
#23	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#24	HSS 141 x 6.4	96.7	71.5	6m	CLASS H, 350W
#25	HSS 141 x 6.4	92.6	82.3	6m	CLASS H, 350W
#26	HSS 141 x 6.4	42.5	26.0	6m	CLASS H, 350W
#27	HSS 141 x 6.4	67.0	55.0	6m	CLASS H, 350W
#28	HSS 141 x 6.4	67.0	55.0	6m	CLASS H, 350W
#29	HSS 141 x 6.4	64.1	60.3	6m	CLASS H, 350W
#30	HSS 141 x 6.4	40.0	36.4	6m	CLASS H, 350W
#31	HSS 141 x 6.4	24.4	34.4	6m	CLASS H, 350W
#32	HSS 141 x 6.4	90.5	58.3	6m	CLASS H, 350W
#33	HSS 141 x 6.4	90.5	58.3	6m	CLASS H, 350W
#34	HSS 141 x 6.4	24.4	34.4	6m	CLASS H, 350W
#35	HSS 141 x 6.4	82.1	63.5	6m	CLASS H, 350W
#36	HSS 141 x 6.4	21.3	61.1	6m	CLASS H, 350W
#37	HSS 141 x 6.4	21.3	61.1	6m	CLASS H, 350W

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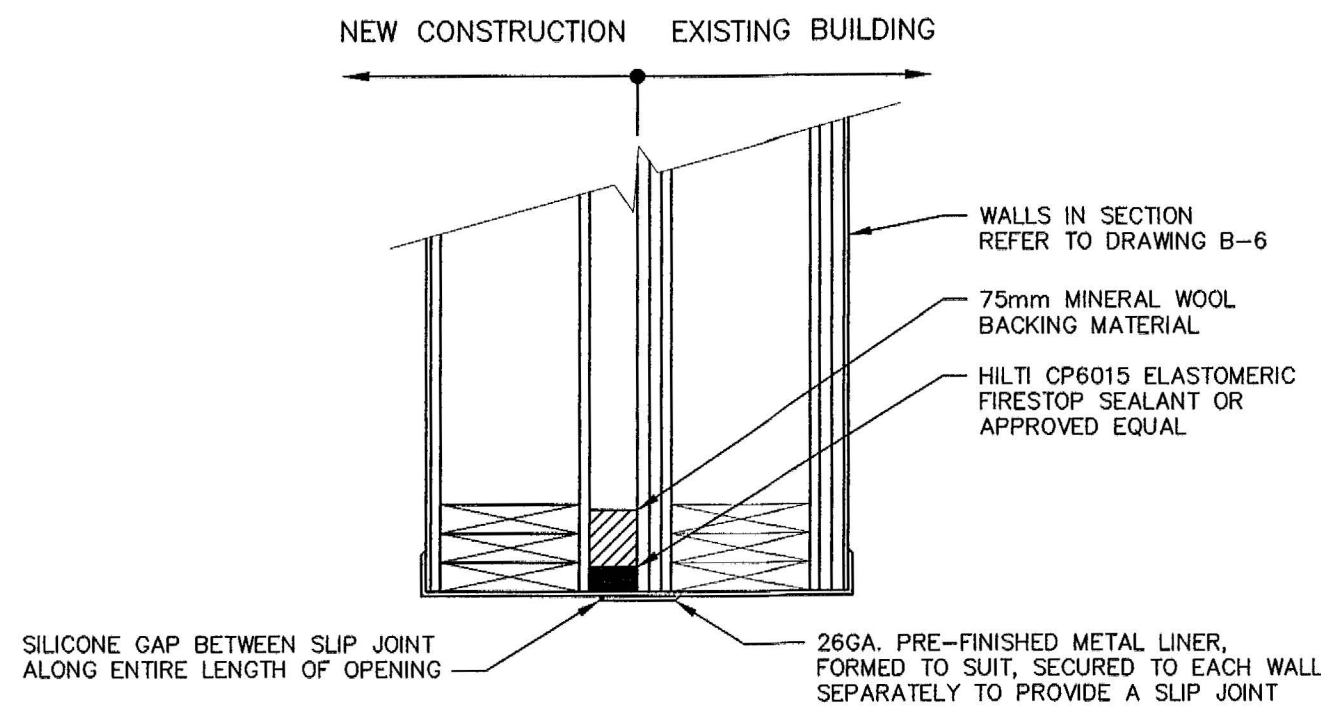
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FOUNDATION PLAN

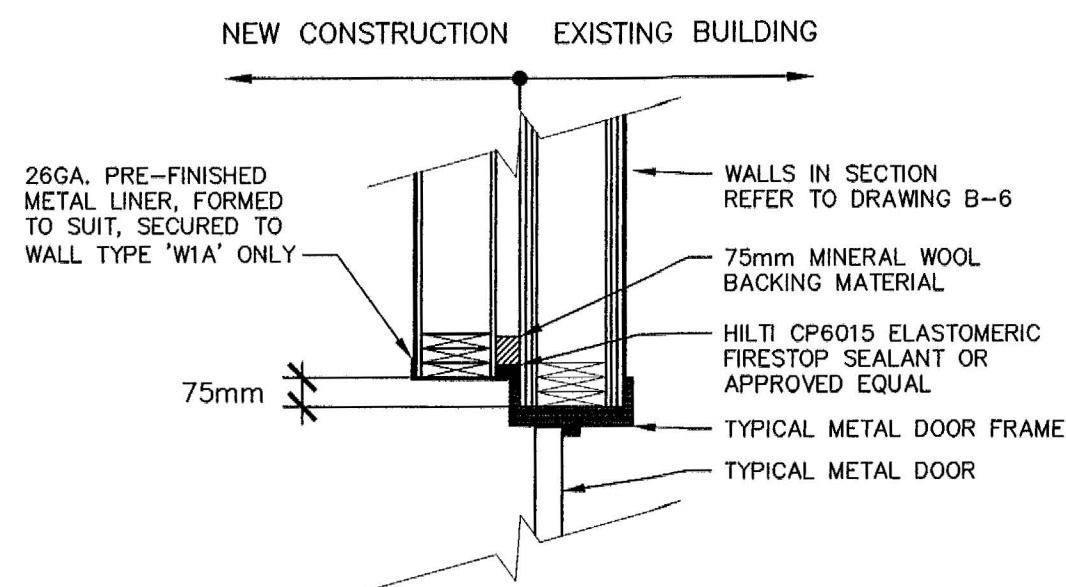
Drawn By W. WHITEDUCK Scale 1:50	Checked By C. JONES Project No. 300031281	Drawing No. S1
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DOOR SCHEDULE							
TYPE	DOOR SIZE	MATERIAL	FINISH	RATING (HOURS)	REMARKS ***ALL DOOR SWINGS AS SHOWN ON FLOOR PLAN B-2***	FRAME	HARDWARE CODES
D100	914 x 2130 x 45	METAL, INSULATED	PAINTED	-	STEEL STIFFENED	INSULATED PRESSED STEEL	A, B, C, D, F, G, J, K, L, M, P
D200	914 x 2130 x 45	METAL, INSULATED	PAINTED	1.5	STEEL STIFFENED, 1/4 LITE WIRED GLASS	INSULATED PRESSED STEEL	A, B, C, D, F, G, I, J, K, L, M
D300	1219 x 2130 x 45	METAL	PAINTED	45 MIN.	LEVER HANDLE LOCK SET	HOLLOW PRESSED STEEL	A, B, C, D, F, G, I, J
D400	914 x 2130 x 45	METAL	PAINTED	-	1/2 LITE WIRED GLASS	HOLLOW PRESSED STEEL	A, B, C, D, F, G, I, J
D500	914 x 2130 x 45	METAL	PAINTED	45 MIN.	LEVER HANDLE LOCK SET	HOLLOW PRESSED STEEL	A, B, C, E, J
D600	914 x 2130 x 45	METAL, INSULATED	PAINTED	1.5	LEVER HANDLE LOCK SET	INSULATED PRESSED STEEL	A, B, C, E, I, J
D700	1067 x 2130 x 45	METAL, INSULATED	PAINTED	1.5	STEEL STIFFENED	INSULATED PRESSED STEEL	A, B, C, D, F, G, J
D800	4200 x 3600	INSULATED METAL	MANUFACTURERS APPLIED FINISH COATING	-	INSULATED OVERHEAD DOOR CHAIN HOIST REFER TO SPECIFICATIONS	HOLLOW PRESSED STEEL	K, M, REFER TO SPECIFICATIONS
D900	3600 x 3600	INSULATED METAL	MANUFACTURERS APPLIED FINISH COATING	-	INSULATED OVERHEAD DOOR CHAIN HOIST REFER TO SPECIFICATIONS	HOLLOW PRESSED STEEL	K, M, REFER TO SPECIFICATIONS
D1000	3000 x 3600	INSULATED METAL	MANUFACTURERS APPLIED FINISH COATING	-	INSULATED OVERHEAD DOOR CHAIN HOIST REFER TO SPECIFICATIONS	HOLLOW PRESSED STEEL	K, M, REFER TO SPECIFICATIONS
A. BUTT HINGES B. DOOR CLOSER C. SELF-LATCHING HARDWARE D. DEADBOLT E. PASSAGE SET		F. PANIC SET G. PUSH/PULL H. BARRIER FREE HARDWARE I. KICK PLATE J. DOOR STOP		K. WEATHER STRIPPING L. THRESHOLD M. SWEEP N. KEY ACCESS FROM EXIT O. WASHROOM SET (PRIVATE)		P. WIND LIMITER (INTEGRAL WITH CLOSER) Q. UNIVERSAL BARRIER FREE SIGNAGE R. POWER DOOR OPERATOR	

WALL SCHEDULE	
W1	EXTERIOR WALL (WEST) <ul style="list-style-type: none">26 ga. PRE-FINISHED METAL LINER (INTERIOR)13mm PLYWOOD SHEATHING6 MIL POLY VAPOUR BARRIER38x184 WOOD STUDS AT 406mm O/C, C/W SOLID BLOCKING MID HEIGHTR28 FIBREGLASS BATT INSULATION13mm CSP EXTERIOR GRADE SHEATHINGTYVEK AIR BARRIER26 ga. METAL SIDING TO MATCH EXISTING (EXTERIOR)
W1A	EXTERIOR WALL (EAST) <ul style="list-style-type: none">26 ga. PRE-FINISHED METAL LINER (INTERIOR)13mm PLYWOOD SHEATHING6 MIL POLY VAPOUR BARRIER38x184 WOOD STUDS AT 406mm O/C, C/W SOLID BLOCKING MID HEIGHTR28 FIBREGLASS BATT INSULATION13mm CSP EXTERIOR GRADE SHEATHINGTYVEK AIR BARRIER
W1B	NEW FIRE RATED WALL (1.5 HOUR) CONSTRUCTION ON EXISTING BUILDING WALL. SEE NOTES ON DWG. B-6 FOR FURTHER INSTALLATION DETAILS <ul style="list-style-type: none">ADD 26 ga. PRE-FINISHED METAL LINER (INTERIOR) TO MATCH EXISTINGADD TWO LAYERS OF 16mm TYPE 'X' DRYWALLEXISTING 13mm SPRUCE PLYWOODEXISTING 6 MIL POLY VAPOUR BARRIEREXISTING 38x184 WOOD STUDSEXISTING R28 FIBREGLASS BATT INSULATIONEXISTING 13mm SPRUCE PLYWOODADD TWO LAYERS OF 16mm DENSGLASS FIREGUARD SHEATHING
W2	INTERIOR PARTITION WALL (1HR. FIRE RATING) <ul style="list-style-type: none">26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)16mm TYPE 'X' DRYWALL38mm x 140mm WOOD STUDS @ 406mm o/c16mm TYPE 'X' DRYWALL26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)
W3	INTERIOR PARTITION WALL (1.5 HR. FIRE RATING) <ul style="list-style-type: none">26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)2 LAYERS OF 16mm TYPE 'X' DRYWALL13mm PLYWOOD SHEATHING38mm x 140mm WOOD STUDS @ 406mm o/cR20 FIBREGLASS BATT INSULATION13mm PLYWOOD SHEATHING2 LAYERS OF 16mm TYPE 'X' DRYWALL26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)
W4	INTERIOR PARTITION WALL (1HR. FIRE RATING) EXISTING WALL TO BE UPGRADED <ul style="list-style-type: none">26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)16mm TYPE 'X' DRYWALL38mm x 140mm WOOD STUDS @ 406mm o/c (EXISTING FRAMING)16mm TYPE 'X' DRYWALL26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)
W5	EXISTING INTERIOR PARTITION WALL (REINSTATE AS REQUIRED) <ul style="list-style-type: none">26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)16mm DRYWALL38mm x 89mm WOOD STUDS @ 406mm o/c16mm DRYWALL26 ga. PRE-FINISHED LINER PANEL (COLOR: POLAR WHITE)

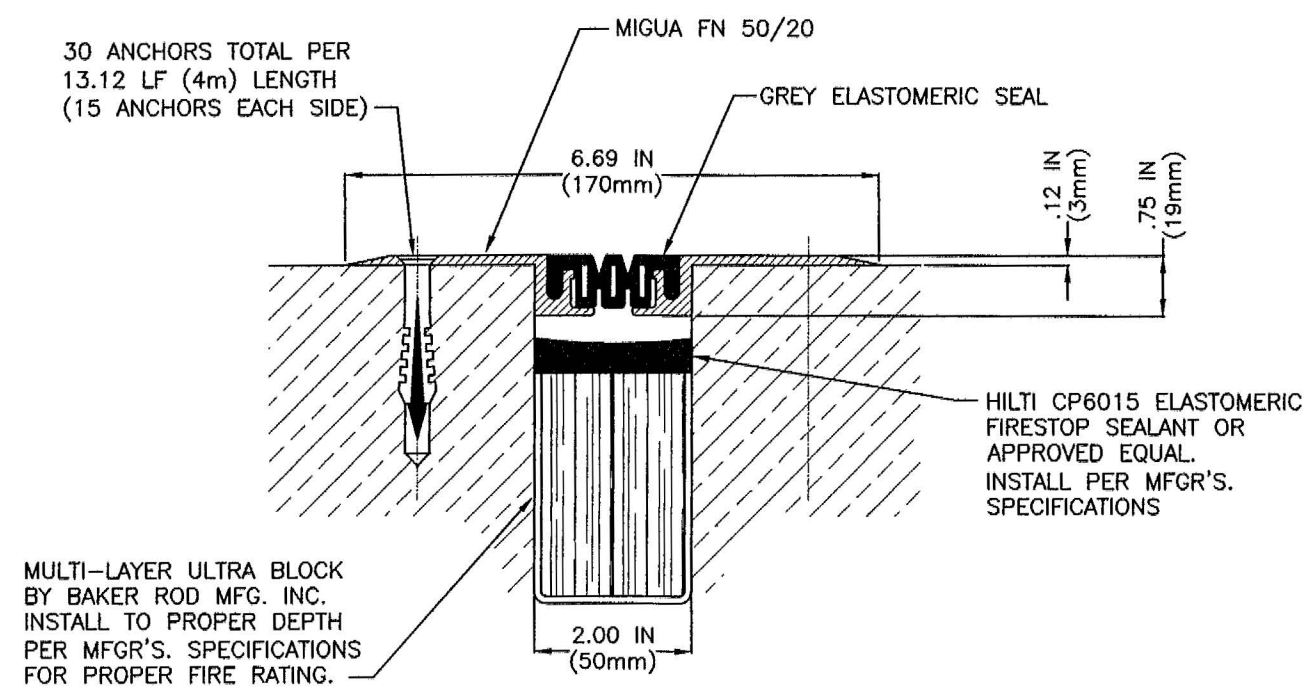


DEMISING WALL METAL CAP DETAIL - SECTION AT GAP OPENING
1:10

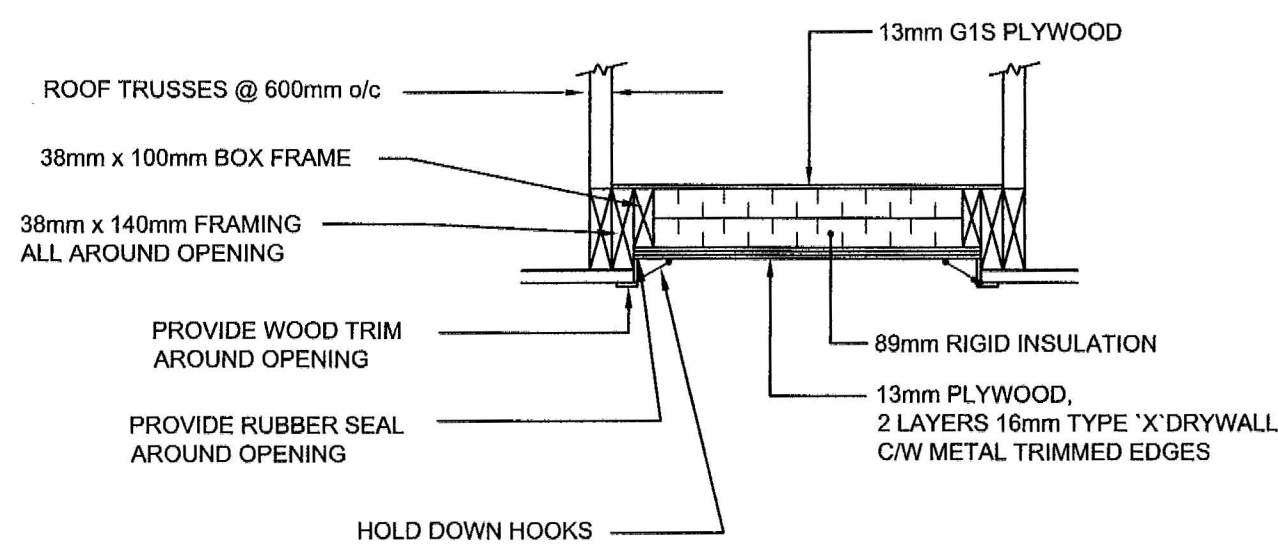


PLAN VIEW SECTION AT DOOR
1:20

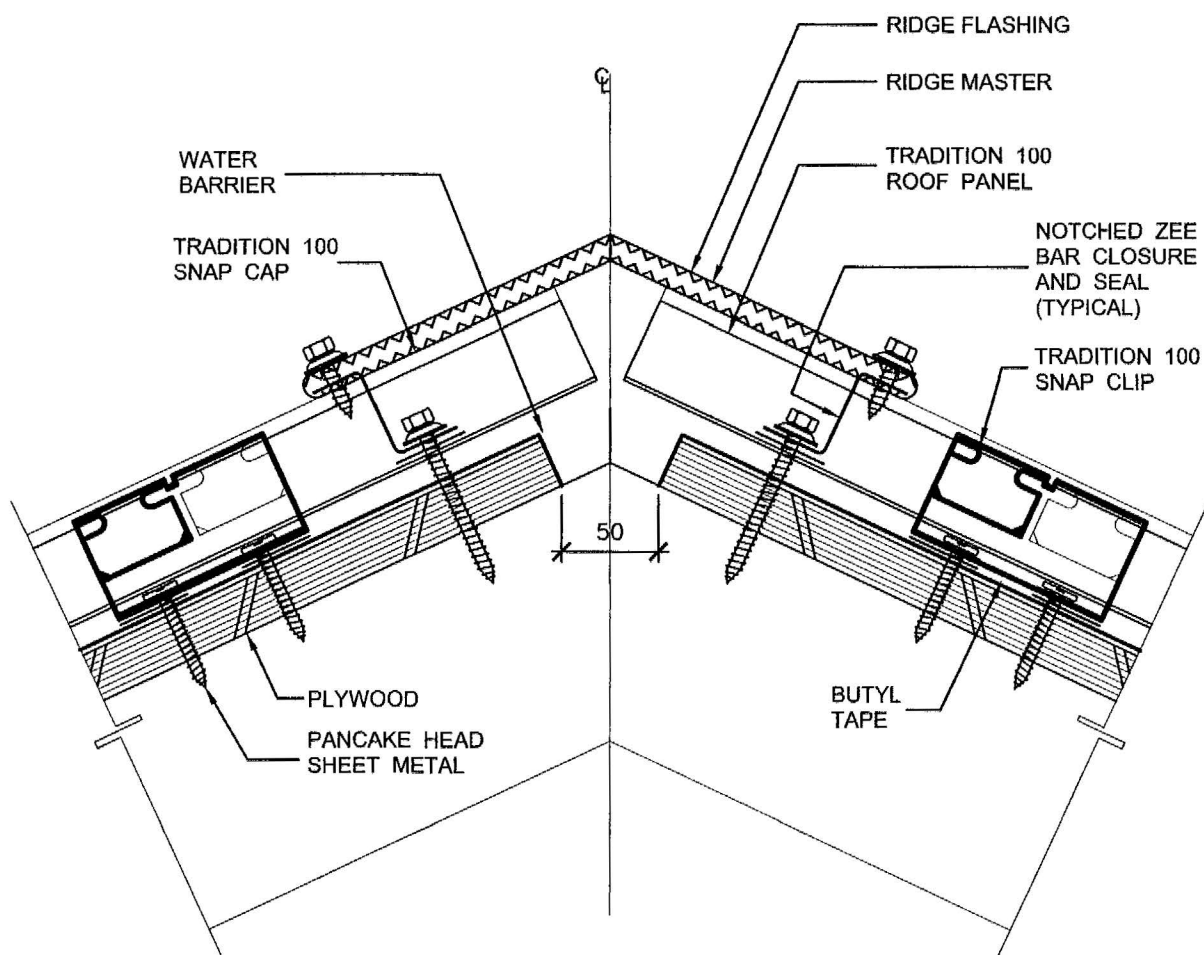
DETAIL - COMMON WALL AND DOOR OPENING DETAILS
SCALE AS NOTED



SECTION AT FLOOR GAP OPENING
DETAIL - BUILDING GAP FILLER
NOT TO SCALE



DETAIL - ATTIC HATCH
NOT TO SCALE



NOTE:
SUPPLY AND INSTALL 3 GABLE ROOF VENT-PREFINISHED METAL GRILLS, 24 ga. C/W INSECT SCREEN

DETAIL - RIDGE VENT
NOT TO SCALE

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- The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.
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- Do not scale the drawings.

Issue / Revision	Date
1 ISSUED FOR CLIENT REVIEW	OCTOBER 2012
2 ISSUED FOR 66% SUBMISSION	NOVEMBER 2012
3 ISSUED FOR 99% SUBMISSION	JANUARY 2013
4 ISSUED FOR TENDER	FEBRUARY 2013
5 REVISED AS PER ADJUDICUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013

PERMIT TO PRACTICE
Nuna Burnside Engineering and Environmental Ltd.
Signature: *G. Popowich*
Date: *May 27/13*
PERMIT NUMBER: P 535
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU



Nuna BURNSIDE

Nuna Burnside Engineering & Environmental LTD.
106B Scurfield Blvd., Winnipeg, Manitoba
telephone (204) 949-7110 fax (204) 949-7111
web www.neeganburnside.com

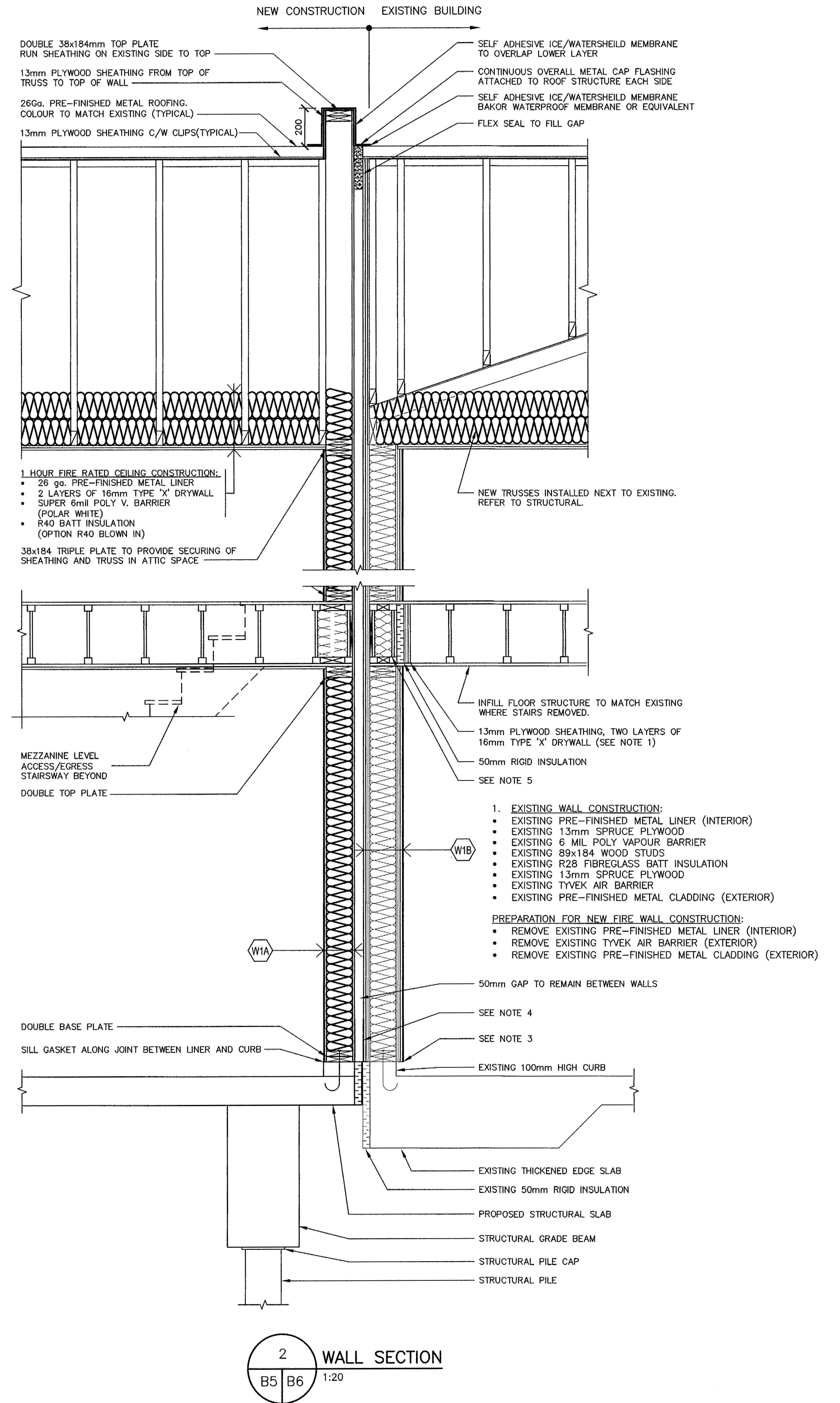
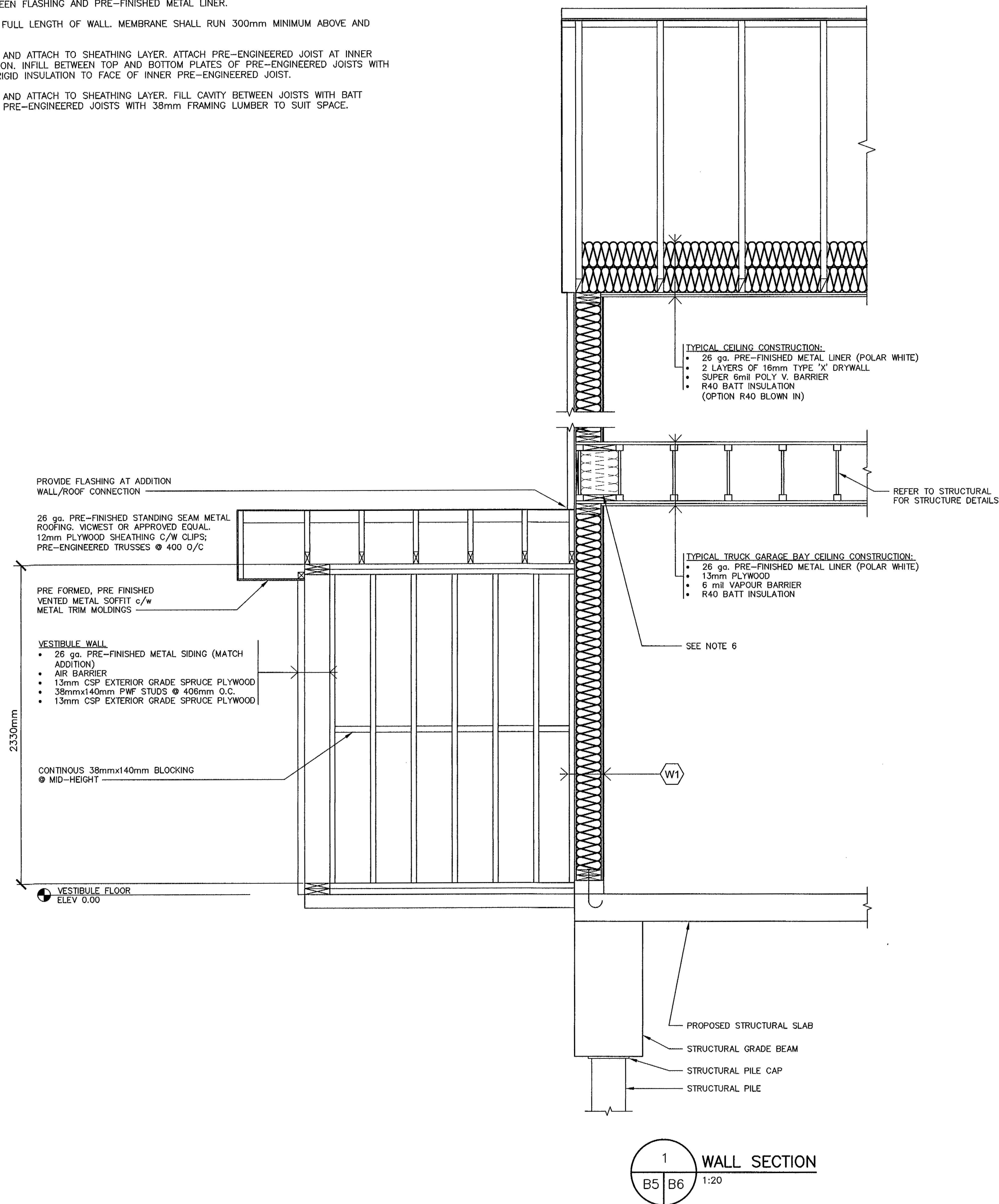
Client
GOVERNMENT OF NUNAVUT
COMMUNITY & GOVERNMENT
SERVICES
RANKIN INLET
SEWAGE TREATMENT PLANT

Drawing Title
DOOR SCHEDULE, WALL
SCHEDULE AND BUILDING
DETAILS

Drawn By J. JUACALLA	Checked By G. POPOWICH	Drawing No. B-7
Scale AS NOTED	Project No. 300031281	

NOTES:

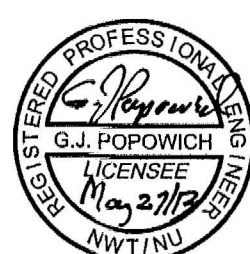
1. BASE LAYER OF 16mm TYPE 'X' DRYWALL ATTACHED WITH 48mm 6d CEMENT COATED NAILS AT 150mm O/C. FACE LAYER OF 16mm TYPE 'X' DRYWALL ATTACHED WITH 60mm 6d CEMENT COATED NAILS AT 200mm O/C. STAGGER JOINTS BETWEEN LAYERS AND TAPE EACH JOINT.
2. BASE LAYER OF 16mm DENSGLASS FIREGUARD SHEATHING ATTACHED WITH 48mm GALVANIZED ROOFING NAILS AND LOAD SPREADING WASHERS AT 400mm O/C. FACE LAYER OF 16mm DENSGLASS FIREGUARD SHEATHING ATTACHED WITH 60mm GALVANIZED ROOFING NAILS AND LOAD SPREADING WASHERS AT 200mm O/C. STAGGER JOINTS BETWEEN LAYERS. TAPE JOINTS AS PER MANUFACTURER'S RECOMMENDED METHODS.
3. PROTECT UNDERSIDE OF DRYWALL LAYERS WITH PRE-FINISHED METAL FLASHING, SCREWED UNDER PRE-FINISHED METAL LINER AND SILICONE SEALED ALONG CURB FACE. SILICONE SEAL BETWEEN FLASHING AND PRE-FINISHED METAL LINER.
4. INSTALL BAKOR BLUE SKIN MEMBRANE OVER JOINT ALONG FULL LENGTH OF WALL. MEMBRANE SHALL RUN 300mm MINIMUM ABOVE AND BELOW TO OF SLAB CURB.
5. PLYWOOD FILL WEB OF PRE-ENGINEERED JOIST TO MATCH AND ATTACH TO SHEATHING LAYER. ATTACH PRE-ENGINEERED JOIST AT INNER TOP-PLATE LINE AFTER FILLING CAVITY WITH BATT INSULATION. INFILL BETWEEN TOP AND BOTTOM PLATES OF PRE-ENGINEERED JOISTS WITH 38mm FRAMING LUMBER TO SUIT SPACE, ATTACH 50mm RIGID INSULATION TO FACE OF INNER PRE-ENGINEERED JOIST.
6. PLYWOOD FILL WEB OF PRE-ENGINEERED JOIST TO MATCH AND ATTACH TO SHEATHING LAYER. FILL CAVITY BETWEEN JOISTS WITH BATT INSULATION. INFILL BETWEEN TOP AND BOTTOM PLATES OF PRE-ENGINEERED JOISTS WITH 38mm FRAMING LUMBER TO SUIT SPACE.



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4. Do not scale the drawings.

Issue / Revision	Date
1 ISSUED FOR CLIENT REVIEW	OCTOBER 2012
2 ISSUED FOR 65% SUBMISSION	NOVEMBER 2012
3 ISSUED FOR 95% SUBMISSION	JANUARY 2013
4 ISSUED FOR TENDER	FEBRUARY 2013
5 REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013

PERMIT TO PRACTICE
Nuna Burnside Engineering and Environmental Ltd.
Signature *G. Popowich*
Date *May 27/13*
PERMIT NUMBER: P 535
The Association of Professional Engineers,
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नूना BURNSIDE
Nuna Burnside Engineering & Environmental LTD.
106B Scurfield Blvd., Winnipeg, Manitoba
telephone (204) 949-7110 fax (204) 949-7111
web www.neeganburnside.com

Client
GOVERNMENT OF NUNAVUT
COMMUNITY & GOVERNMENT
SERVICES
RANKIN INLET
SEWAGE TREATMENT PLANT

Drawing Title BUILDING WALL SECTIONS		
Drawn By J. JUACALLA	Checked By G. POPOWICH	Drawing No.
Scale AS NOTED	Project No. 300031281	B-6