

Parcs
Canada

NEW KITCHEN SHELTER NEWMAN SOUND CAMPGROUNDS TERRA NOVA NATIONAL PARK GLOVERTOWN NEWFOUNDLAND AND LABRADOR

PROJECT NO. 457

LIST OF DRAWINGS

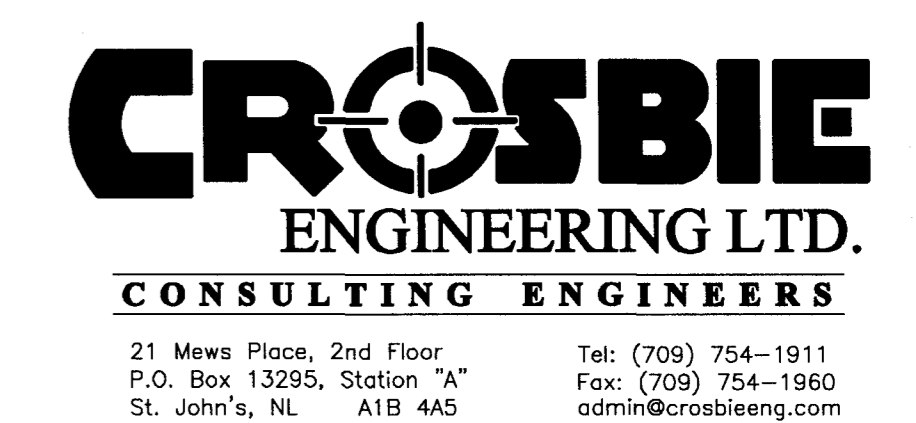
	COVER SHEET
SP1 of 1	KITCHEN SHELTER – SITE PLAN
F1 of 1	KITCHEN SHELTER – FOUNDATION PLAN
A1 of 2	KITCHEN SHELTER – PLANS AND ELEVATIONS
A2 of 2	KITCHEN SHELTER – BUILDING SECTIONS AND ROOF PLANS
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E1 of 2	LEGEND & KITCHEN SITE PLAN
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PRIME CONSULTANT

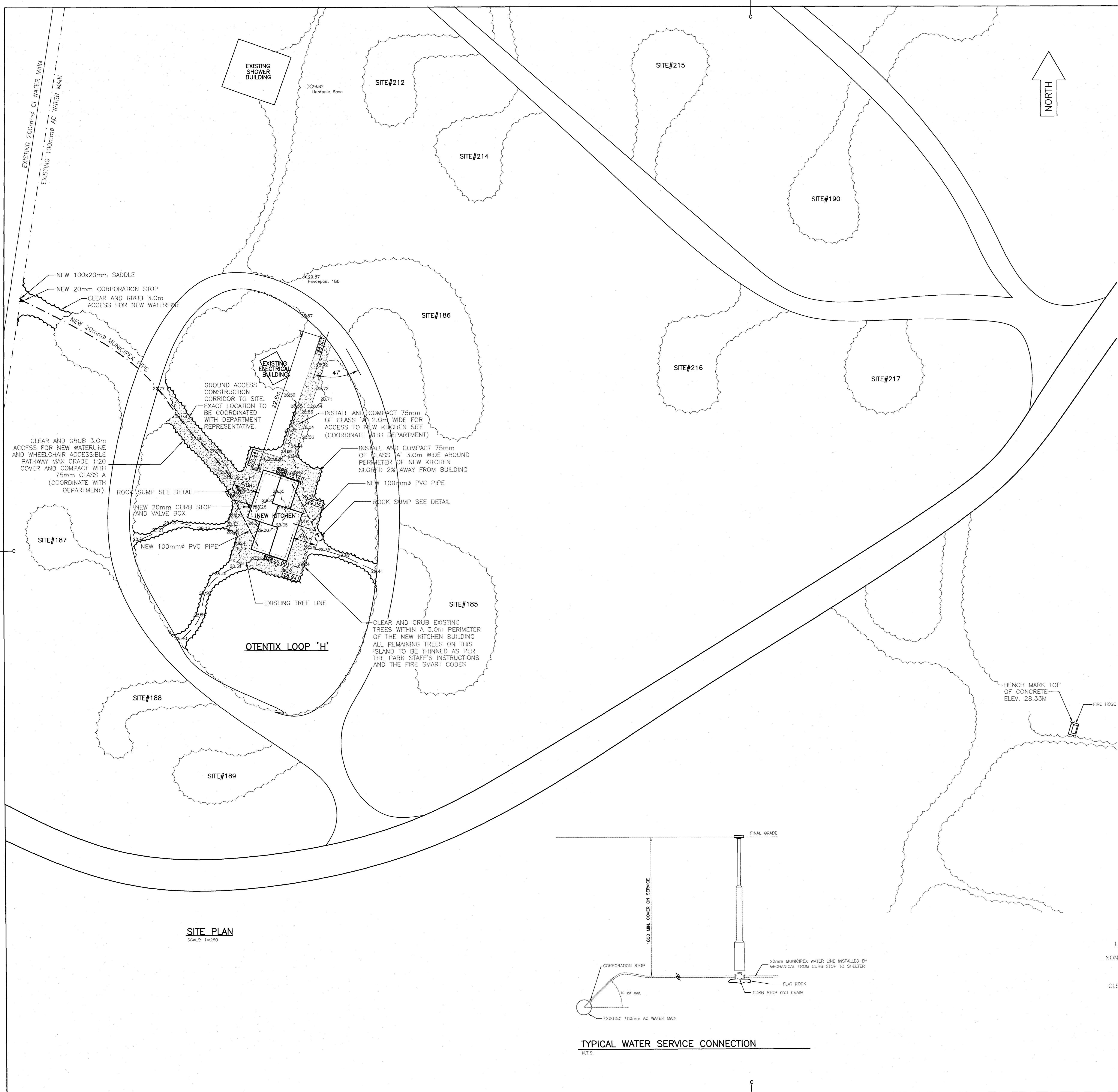


CECON No. 17401

ELECTRICAL/MECHANICAL

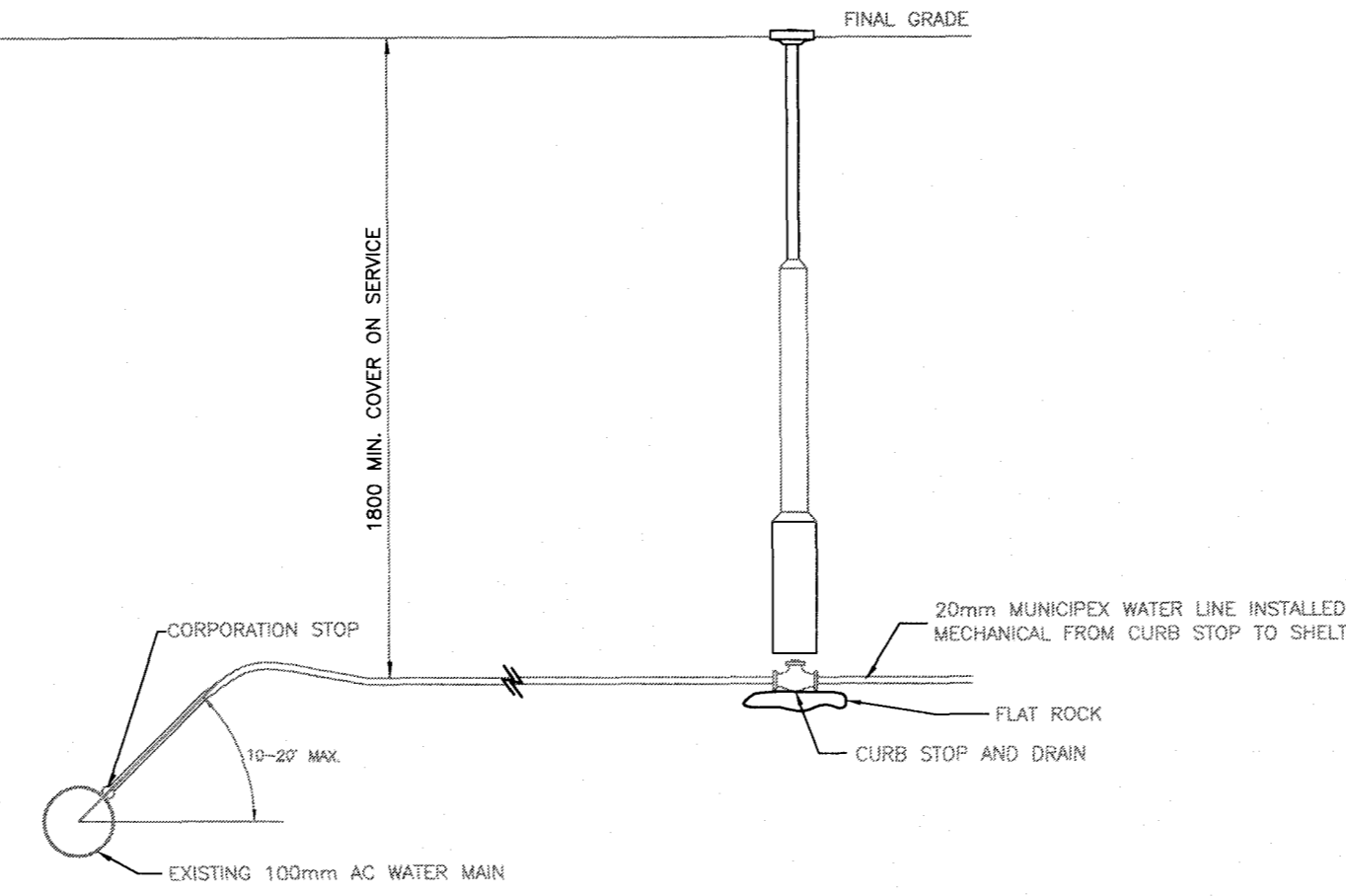


Canada

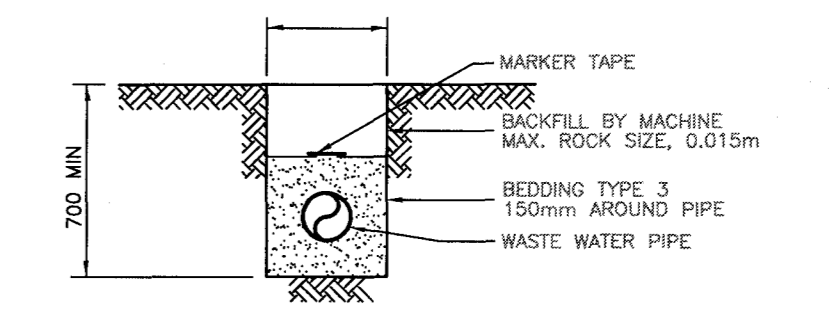


- LEGEND-**
- 00.00 EXISTING ELEVATION
 - 00.00 FINAL ELEVATION
 - NEW MUNICIPEX WATER LINE
 - NEW PVC DRAINAGE PIPE
- NOTES-**
1. PLACE AND COMPACT CLASS 'A' FILL 3.0m AROUND BUILDING TO FINISH GRADE
 2. EXCAVATION, BACKFILLING AND COMPACTION OF SERVICE PIPE BY CIVIL CONTRACTOR. PIPE AND FITTINGS SUPPLY AND INSTALLATION BY MECHANICAL CONTRACTOR.
 3. REMOVE ALL TOPSOIL AND ORGANIC MATTER ON SITE PRIOR TO PLACING IMPORTED FILL.
 4. USE TYPE 3 FILL TO SUB-GRADE LEVEL OUTSIDE OF THE BUILDING FOUNDATION.
 5. USE TYPE 2 FILL TO SUB-GRADE LEVEL INSIDE OF THE BUILDING FOUNDATION.
 6. DO NOT STOCK PILE GRUBBING MATERIAL ON SITE. REMOVE ALL EXCAVATED MATERIAL FROM THE SITE.

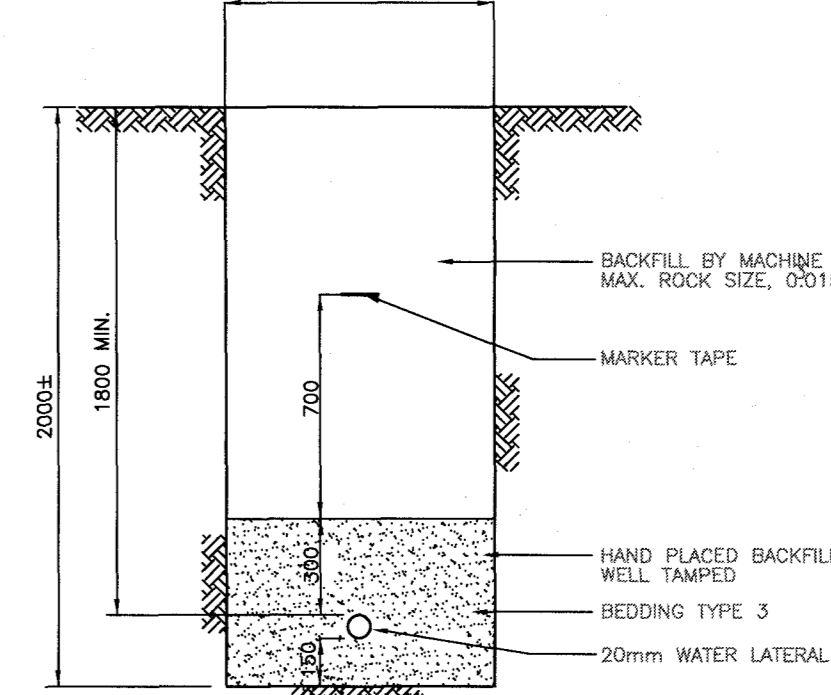
SITE PLAN
SCALE: 1=250



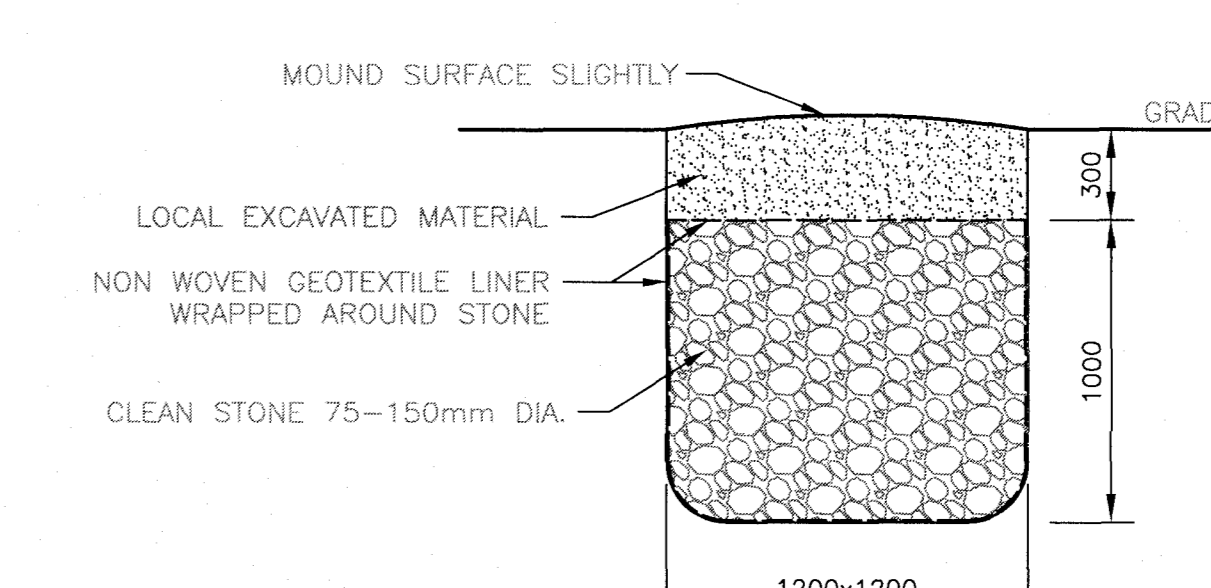
TYPICAL WATER SERVICE CONNECTION
N.T.S.



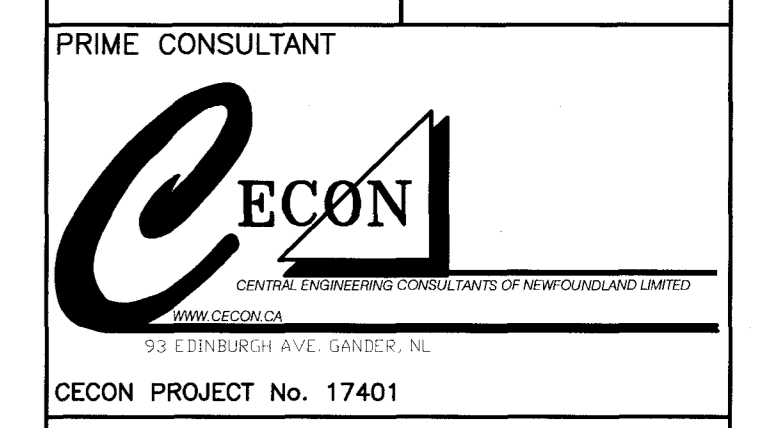
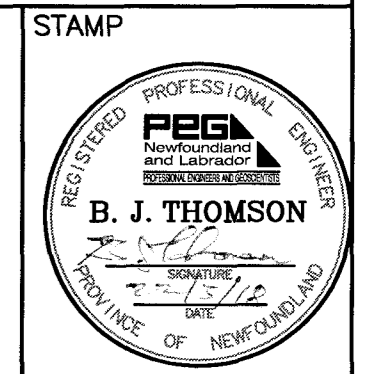
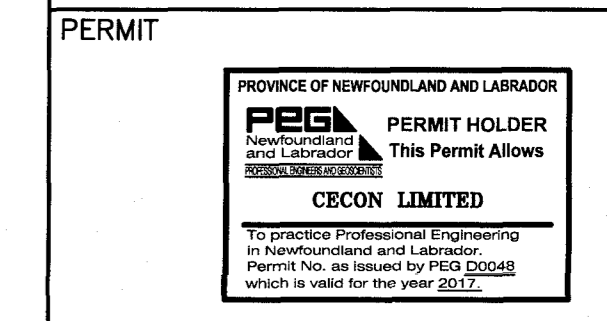
TRENCH DETAIL - WASTE WATER PIPE
N.T.S.



TRENCH DETAIL - WATER LATERAL
N.T.S.



ROCK SUMP DETAIL
N.T.S.

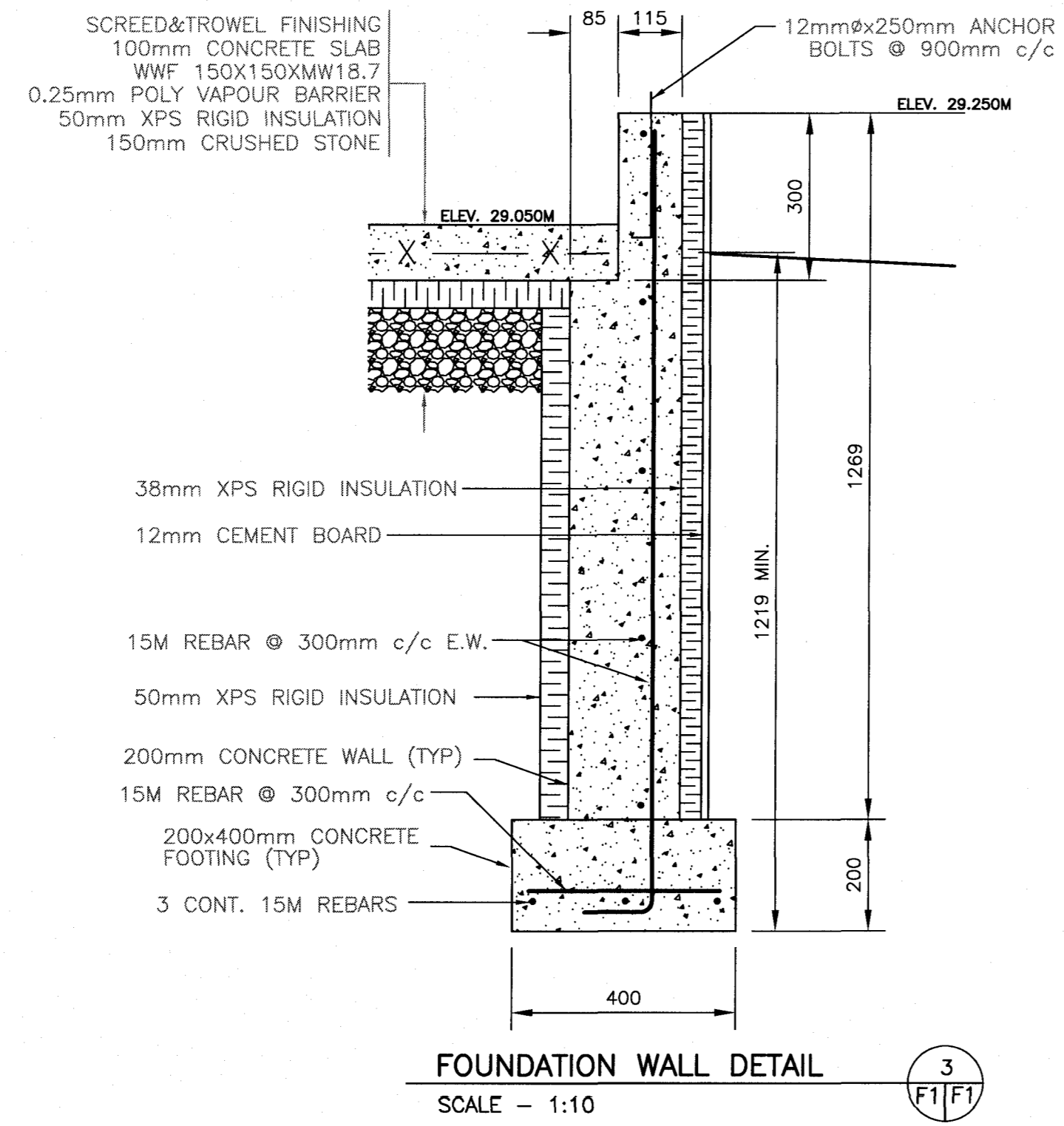


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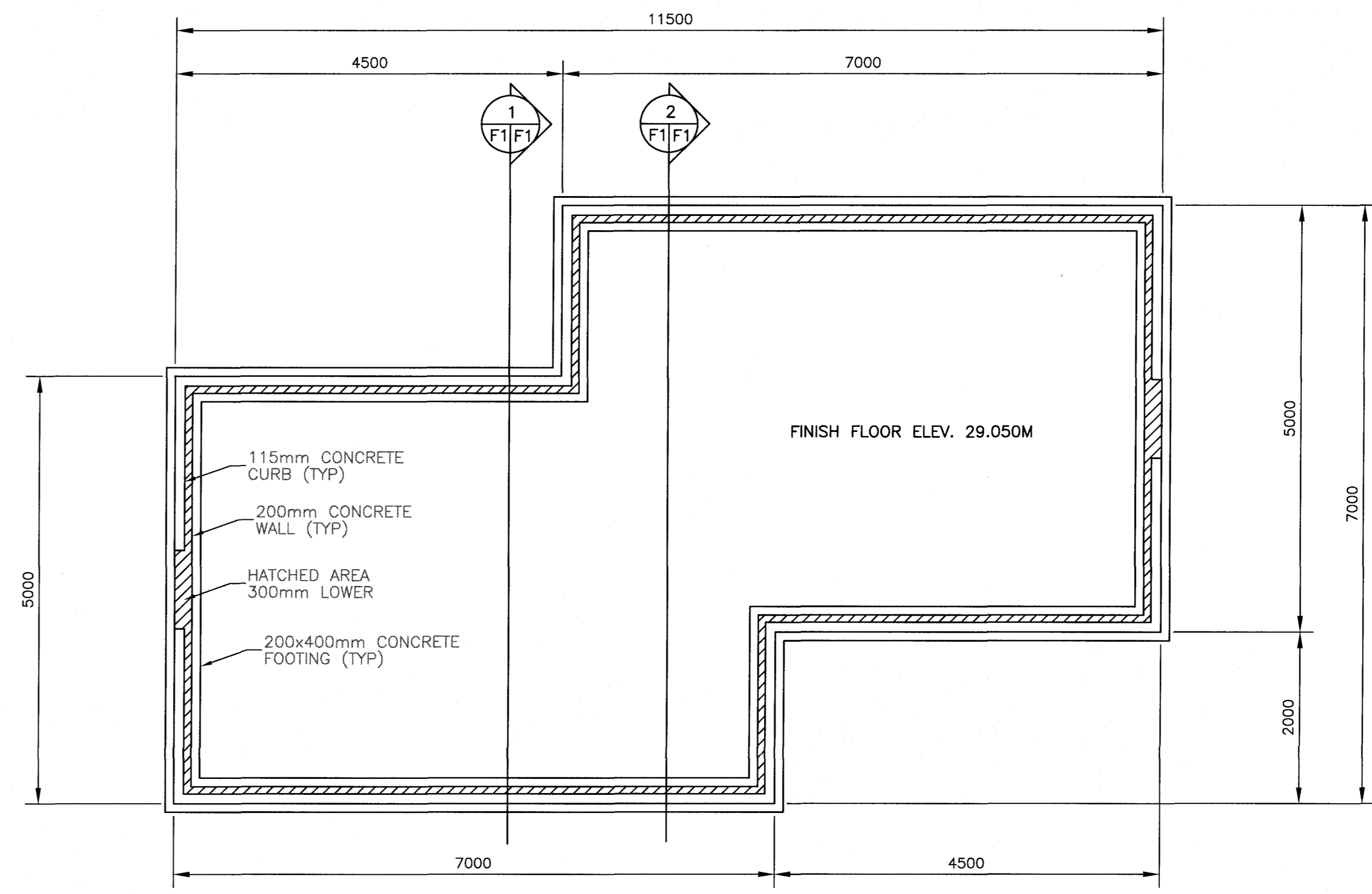
project Newman Sound Kitchen Shelter and Outdoor Theatre Upgrades
TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL.

KITCHEN SHELTER SITE PLAN

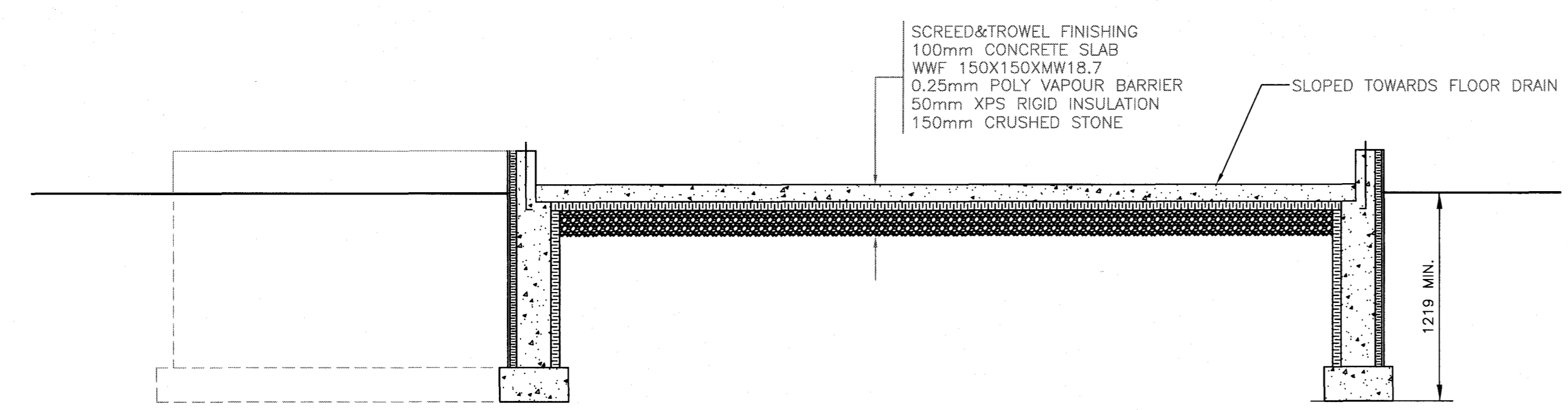
designed	conqu
date	
drawn	Tom Clark
date	SEPT. 2017
approved	approved
date	
Tender	Soumission
FWGSC Project Manager	Administrateur de projets TPWGC
project number	no. du projet
	PCA No. 457
drawing no.	no. du dessin



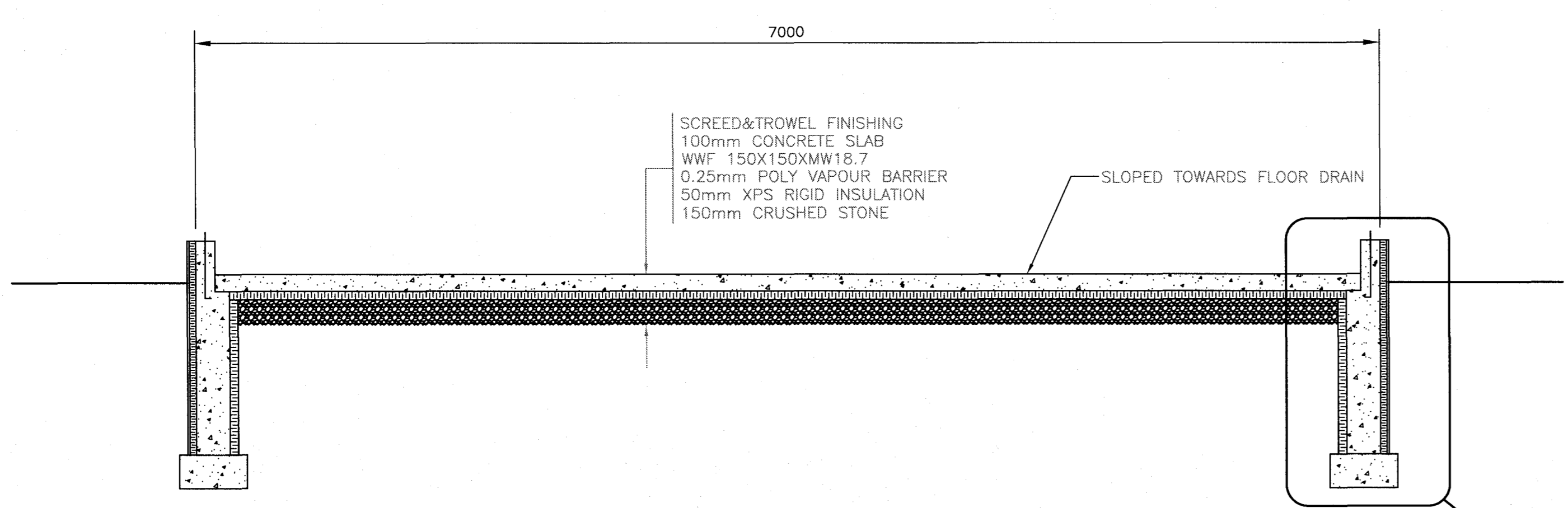
FOUNDATION WALL DETAIL
SCALE - 1:10



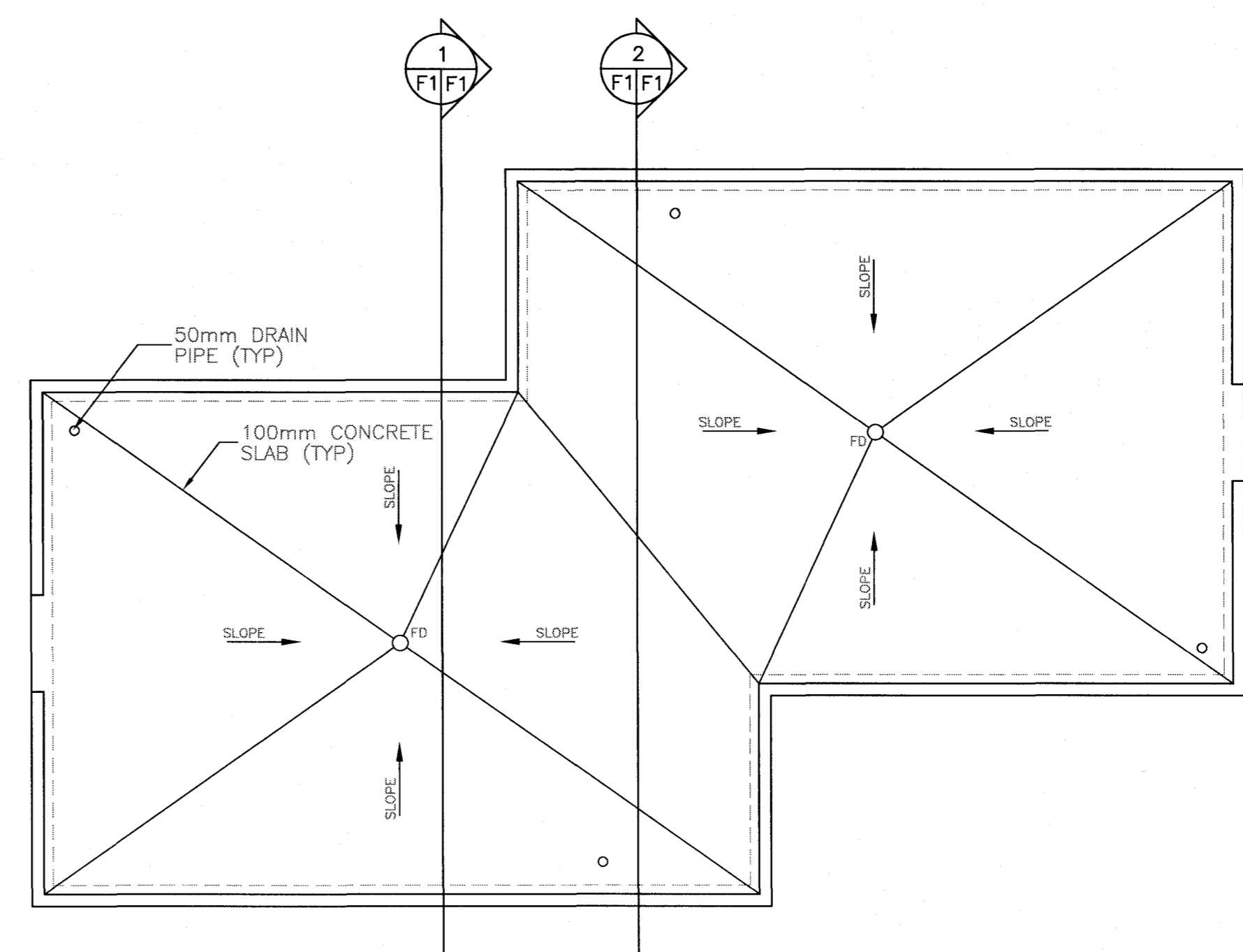
FOUNDATION PLAN
SCALE: 1:50



FOUNDATION SECTION
SCALE - 1:25

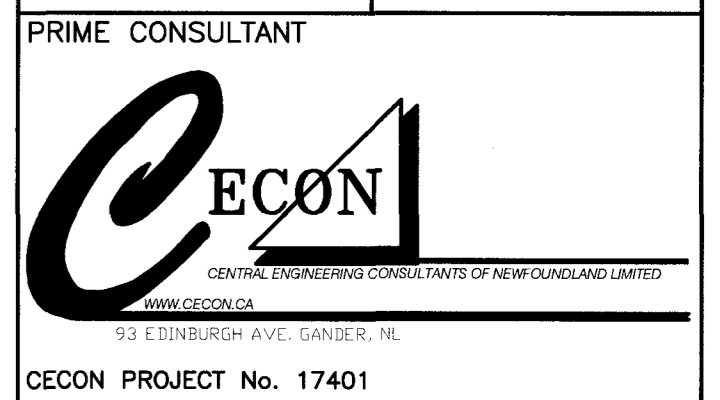
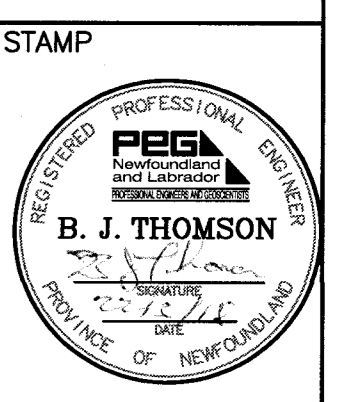
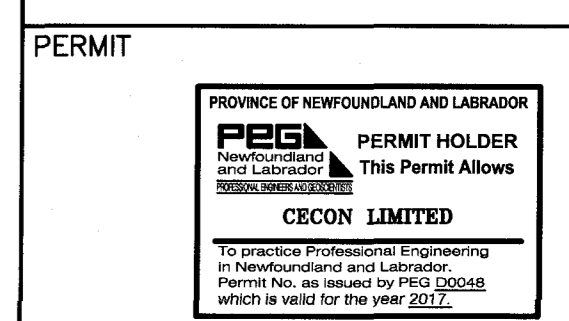


FOUNDATION SECTION
SCALE - 1:25



FLOOR SLAB LAYOUT
SCALE: 1:50

- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA AND LOCAL MUNICIPAL REGULATIONS.
- CONCRETE COMPRESSIVE STRENGTH TO EXPOSURE CLASSIFICATION F-2/04 MIN. 28 DAY COMPRESSIVE STRENGTH 30MPa. MAX. WATER TO CEMENT RATIO = 0.5. AIR CONTENT = 5 - 8% AT POINT OF DISCHARGE. MAX. AGGREGATE SIZE = 20mm. MAX. SUMP = 75mm ± 25mm.
- ALL BAR BENDING, PLACING & DETAILING TO BE IN ACCORDANCE WITH ACI 312-80 MANUAL FOR DETAILING R.C. STRUCTURES.
- REINFORCING STEEL TO BE DEFORMED BAR TYPE WITH 400 MPa MIN. YIELD STRENGTH.
- CONCRETE COVER TO REINFORCING : 38mm BOTTOM OF FOOTING ; 75mm BOTTOM OF SLAB ; 50mm
- LAP REINFORCING 10 BAR DIAMETERS. 300mm MINIMUM.
- DO CONCRETE WORK TO A23.1M AND TESTING TO A23.2M.



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NEWMAN SOUND KITCHEN SHELTER AND OUTDOOR THEATRE UPGRADES
TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL.

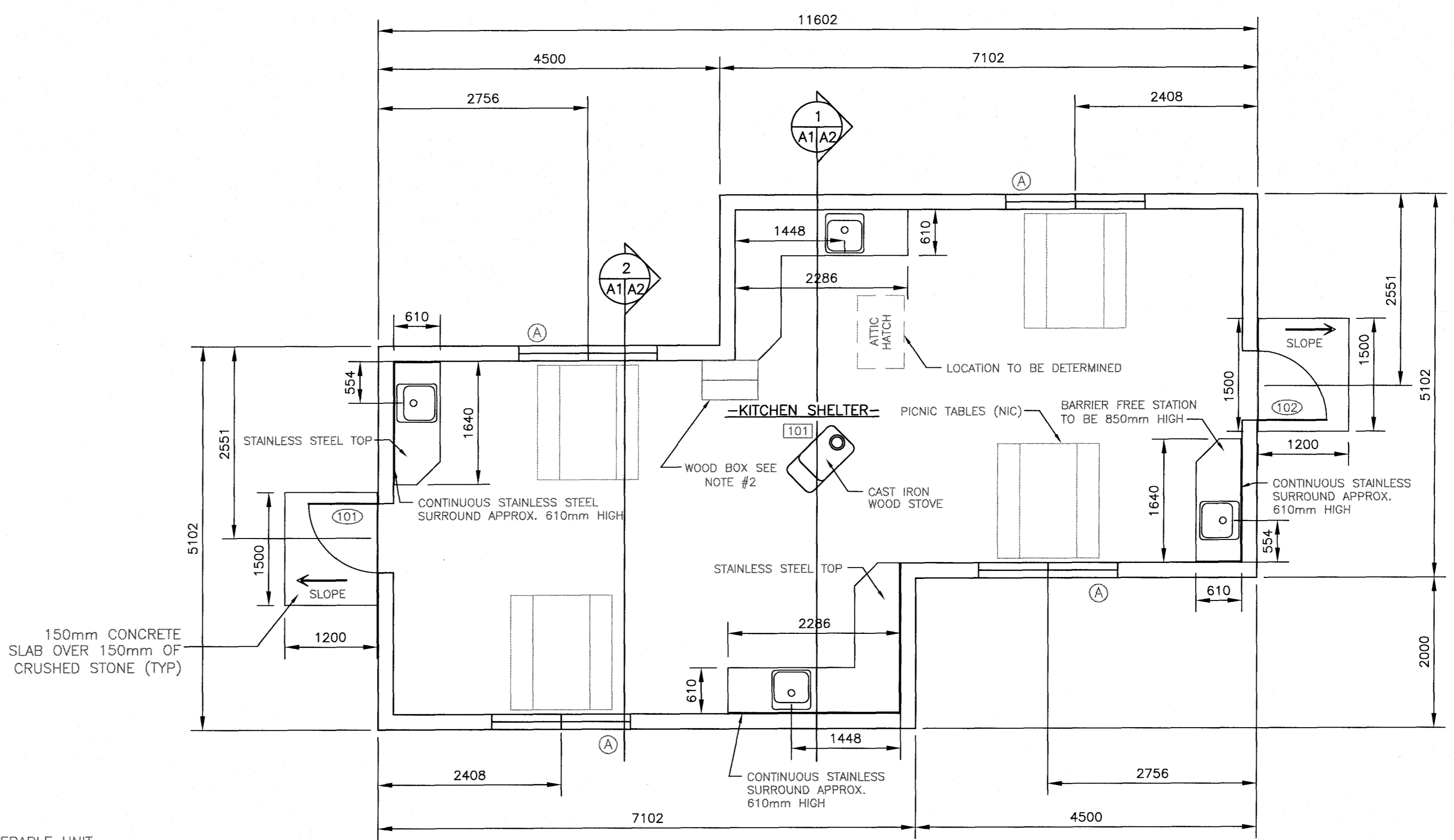
KITCHEN SHELTER FOUNDATION PLAN

designed	conçu
date	
drawn	dessiné
date	SEP. 2017
approved	approuvé
date	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSSG
project number	no. du projet
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F1 of 1	

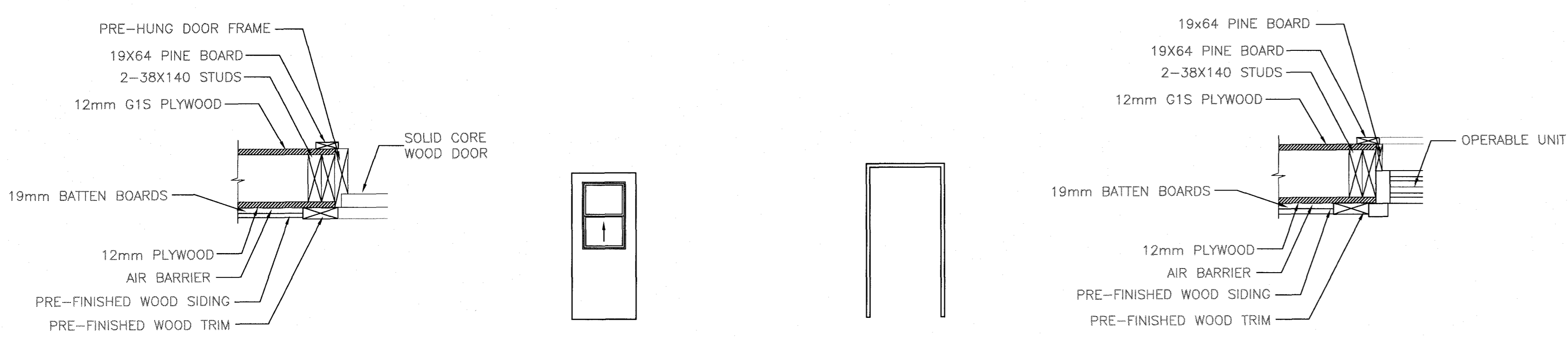
DOOR SCHEDULE																										
DOOR No.	LOCATION	SIZE			DOOR		COMPONENTS				FRAME				FINISH HARDWARE						REMARKS					
		FROM	TO	QUANT	WIDTH	HEIGHT	THK.	ELEV	MAT	FIN	SCREEN	GLASS	DETAIL	MAT	FIN	RATED	ELEV	BUTTS	LOCKSETS	PANIC SET		PUSH / PULL	CLOSER	STOP	ALUM TRIMS	WEATHER STRIPPING
101	101	EXT	1	914	2134	45	1	WD	PT	BLACK ALUM.	DOUBLE GLAZED	1	WD	PT	1	1	•	•	•	•	•	•	•	•	•	EQUAL TO VINTAGE BY YESTERDAY'S EQUAL TO VINTAGE BY YESTERDAY'S
102	101	EXT	1	914	2134	45	1	WD	PT	BLACK ALUM.	TEMPERED GLASS	1	WD	PT	1	1	•	•	•	•	•	•	•	•	•	EQUAL TO VINTAGE BY YESTERDAY'S EQUAL TO VINTAGE BY YESTERDAY'S

WINDOW SCHEDULE													
WINDOW No.	TYPE	SIZE			FRAME		OPERATION	COMPONENTS		REMARKS			
		QUANT	WIDTH	HEIGHT	THK.	ELEV		MAT	FIN		SCREEN	GLASS	
A	SINGLE HUNG	4	1828	1350	-	1	uPVC	-	VERTICAL SINGLE HUNG	BLACK ALUM.	DOUBLE GLAZED		

ROOM FINISH SCHEDULE																	
ROOM NAME	ROOM No.	FLOOR		BASE		WALLS						CEILING			REMARKS		
		MATERIAL	FINISH	MATERIAL	FINISH	NORTH	SOUTH	EAST	WEST	MATERIAL	FINISH	HEIGHT					
KITCHEN SHELTER	101	CONC.	TROWEL	-	-	PLY	PT	PLY	PT	PLY	PT	PLY	PT	PLY	PT	VARIES	



FLOOR PLAN
SCALE: 1=50



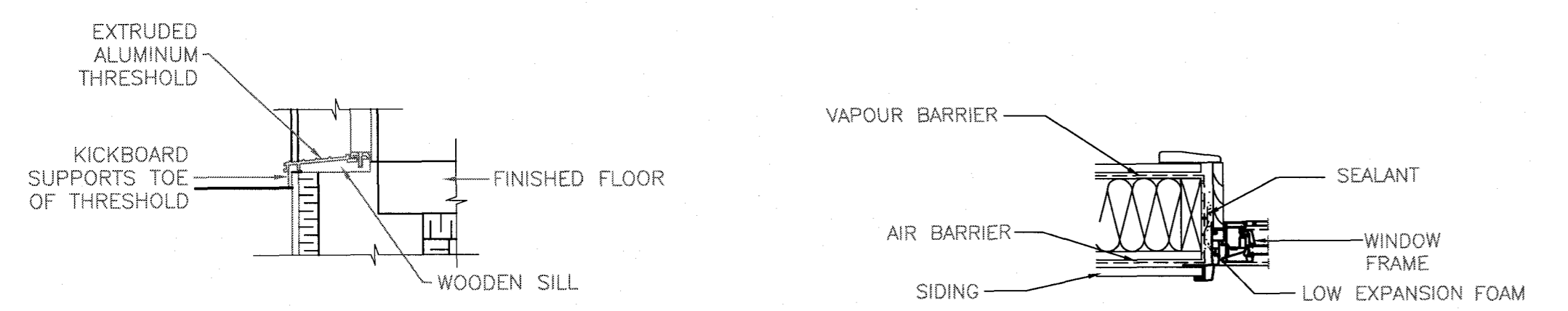
EXTERIOR JAMB TYPE 1

DOOR ELEV 1

FRAME ELEV 1

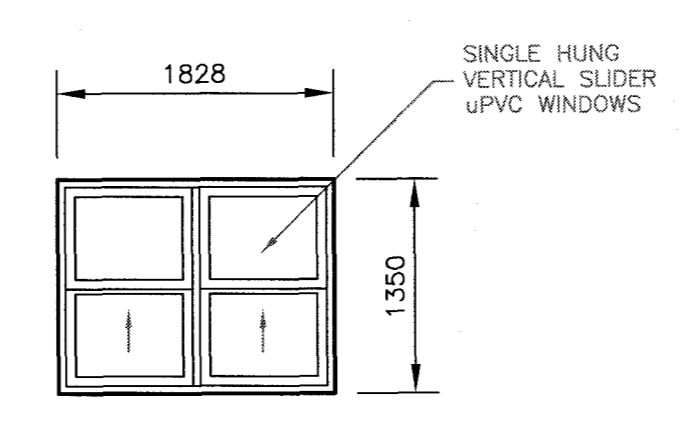
EXTERIOR JAMB TYPE 1

- JAMB DETAILS - - DOOR ELEVATIONS - - FRAME ELEVATIONS - - JAMB DETAILS -

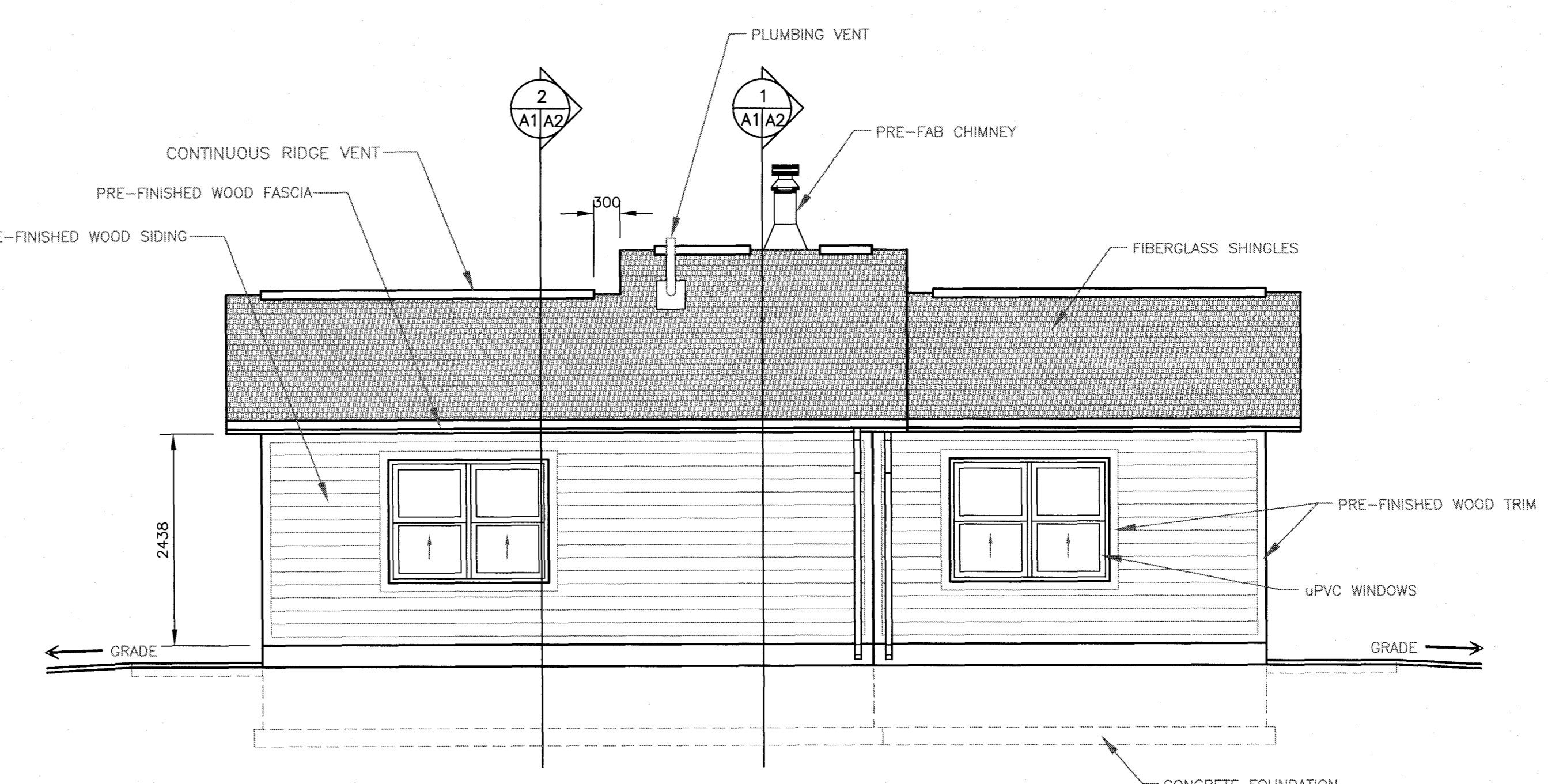


- THRESHOLD DETAILS -

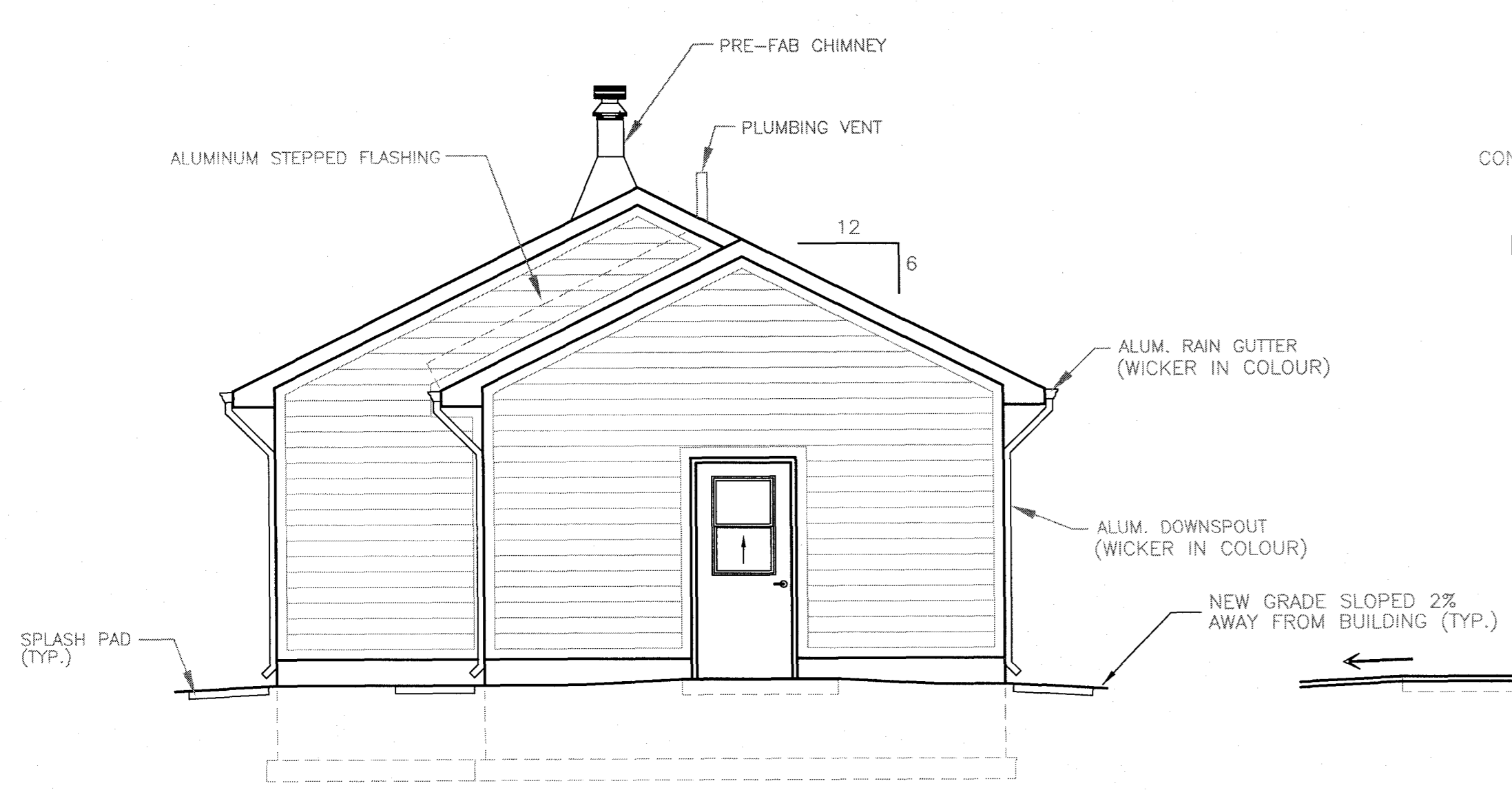
TYPICAL VAPOUR & AIR BARRIER DETAIL
SEE NOTE 3.



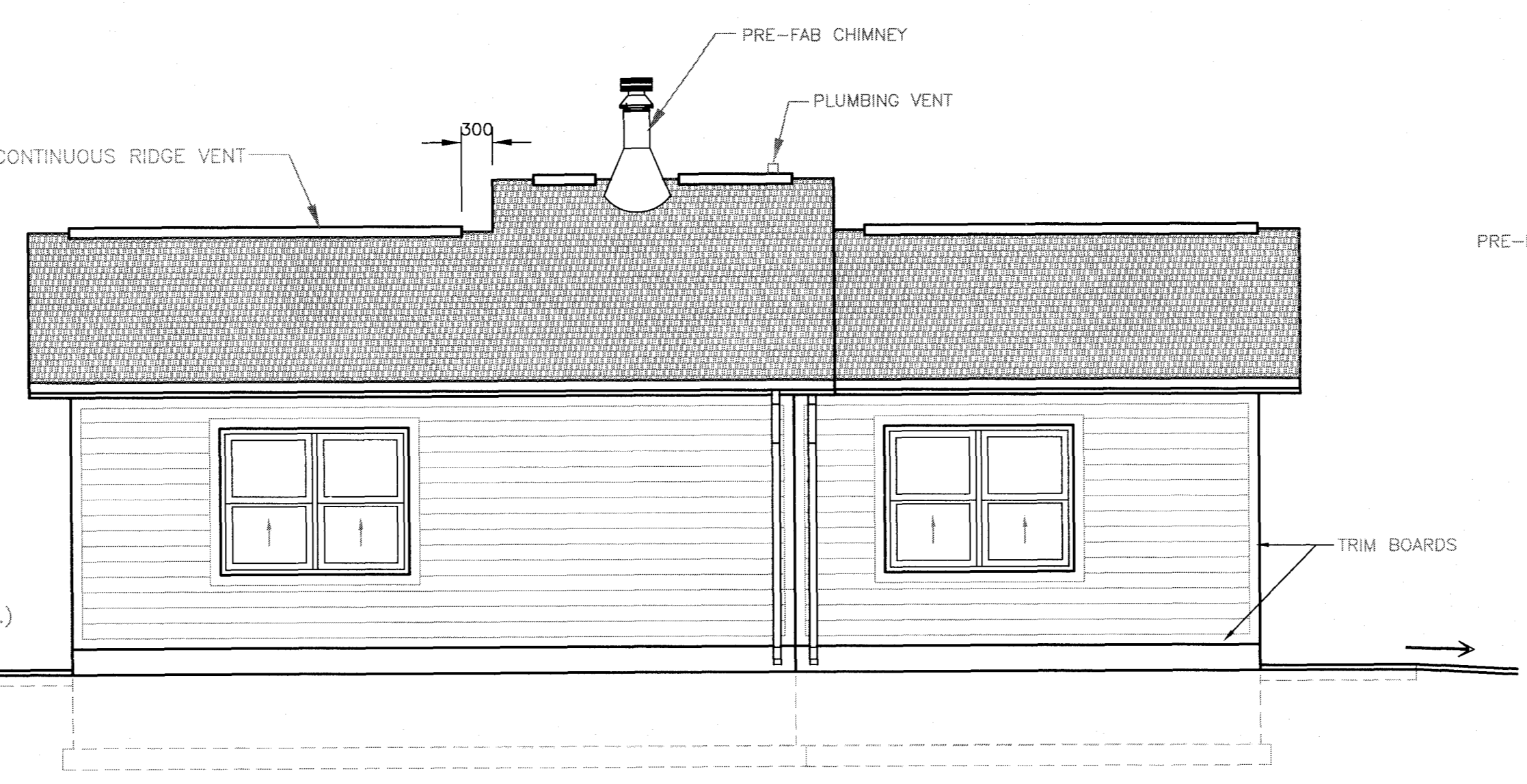
WINDOW TYPE A



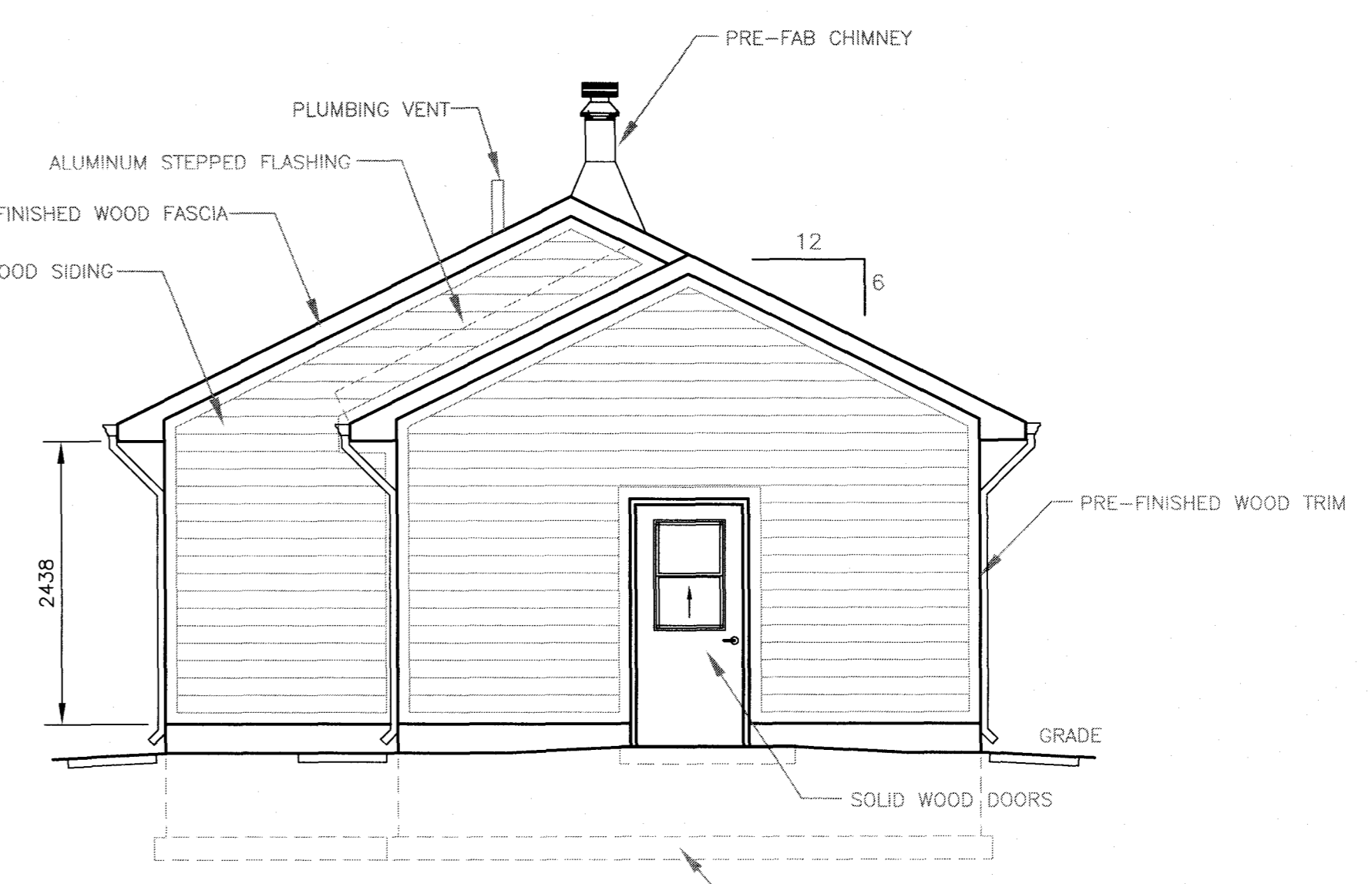
EAST ELEVATION
SCALE: 1=50



SOUTH ELEVATION
SCALE: 1=50



WEST ELEVATION
SCALE: 1=50



NORTH ELEVATION
SCALE: 1=50

- NOTES-**
- ALL DOORS SHALL HAVE DOOR HARDWARE THAT CONFORMS TO SECTION 18(3) OF THE BUILDING ACCESSIBILITY REGULATIONS. ACCEPTABLE HARDWARE HAVE BEEN LEVER HANDLES, THUMB LATCHES, OR A DOOR WITH A PUSH/PULL ARRANGEMENT.
 - WOOD BOX 700 X 500 X 600mm HEIGHT C/W HINGED COVER.
 - ALL SEAMS IN AIR & VAPOUR BARRIER TO BE SEALED TO MAINTAIN AIR TIGHTNESS AND CONFORM TO A PERFORMANCE RATING OF 1.5 a/c @ 50 PASCAL. CONTRACTOR TO TEST AND VERIFY IN THE FIELD.

- LEGEND-**
- | | |
|------|---------------------|
| CONC | CONCRETE |
| PLY | G1S PLYWOOD, 12mm |
| PT | PAINT |
| HMD | HOLLOW METAL DOOR |
| PSF | PRESSED STEEL FRAME |
| GALV | GALVANIZED STEEL |
| WD | WOOD |
| PF | PRE-FINISHED |

PERMIT

PROVINCE OF NEWBRUNSWICK AND LABOURER
PEBA PERMIT HOLDER
 This Permit Allows
CECON LIMITED
 To Undertake Professional Engineering
 Work for the Project and to Supervise
 the Work for the Project. The Permit Holder
 is responsible for the work done under the permit.

STAMP

PROFESSIONAL ENGINEER
PEBA
 B. J. THOMSON
 MEMBER OF THE ENGINEERING COUNCIL OF NEW BRUNSWICK

PRIME CONSULTANT

CECON
 CONSULTING ENGINEERS AND ARCHITECTS
 931 BURNBURY AVE. GANDERBEE, NB
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A	ISSUED FOR 99% REVIEW	25.01.18
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project

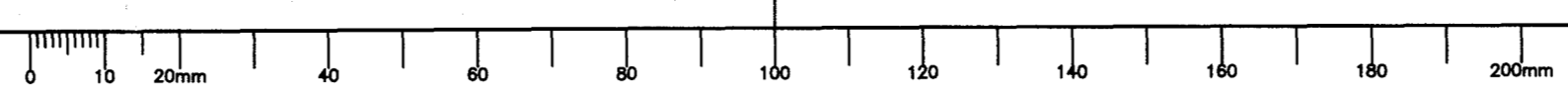
NEWMAN SOUND KITCHEN SHELTER AND OUTDOOR THEATRE UPGRADES
 TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL

drawing no.

KITCHEN SHELTER PLANS AND ELEVATIONS

designed	conqu
date	
drawn	Tom Clark
date	SEPT. 2017
approved	approved
date	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
PCA No. 457	
drawing no.	no. du dessin

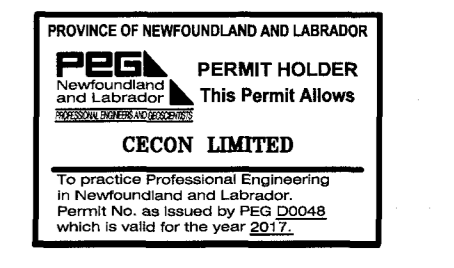
PCA No. 457



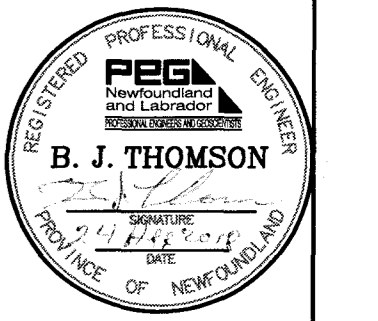
NOTES

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, AND MUNICIPAL REGULATIONS.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE STARTING CONSTRUCTION.
3. ALL EXTERIOR LINTELS TO BE 2-2"x10" UNLESS NOTED OTHERWISE.
4. SUPPLY AND INSTALL HURRICANE CLIPS ON ROOF TRUSS ATTACHMENT TO WALLS.
5. INSTALL ATTIC HATCH IN APPROVED LOCATION C/W INSULATED COVER.

PERMIT



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PRIME CONSULTANT

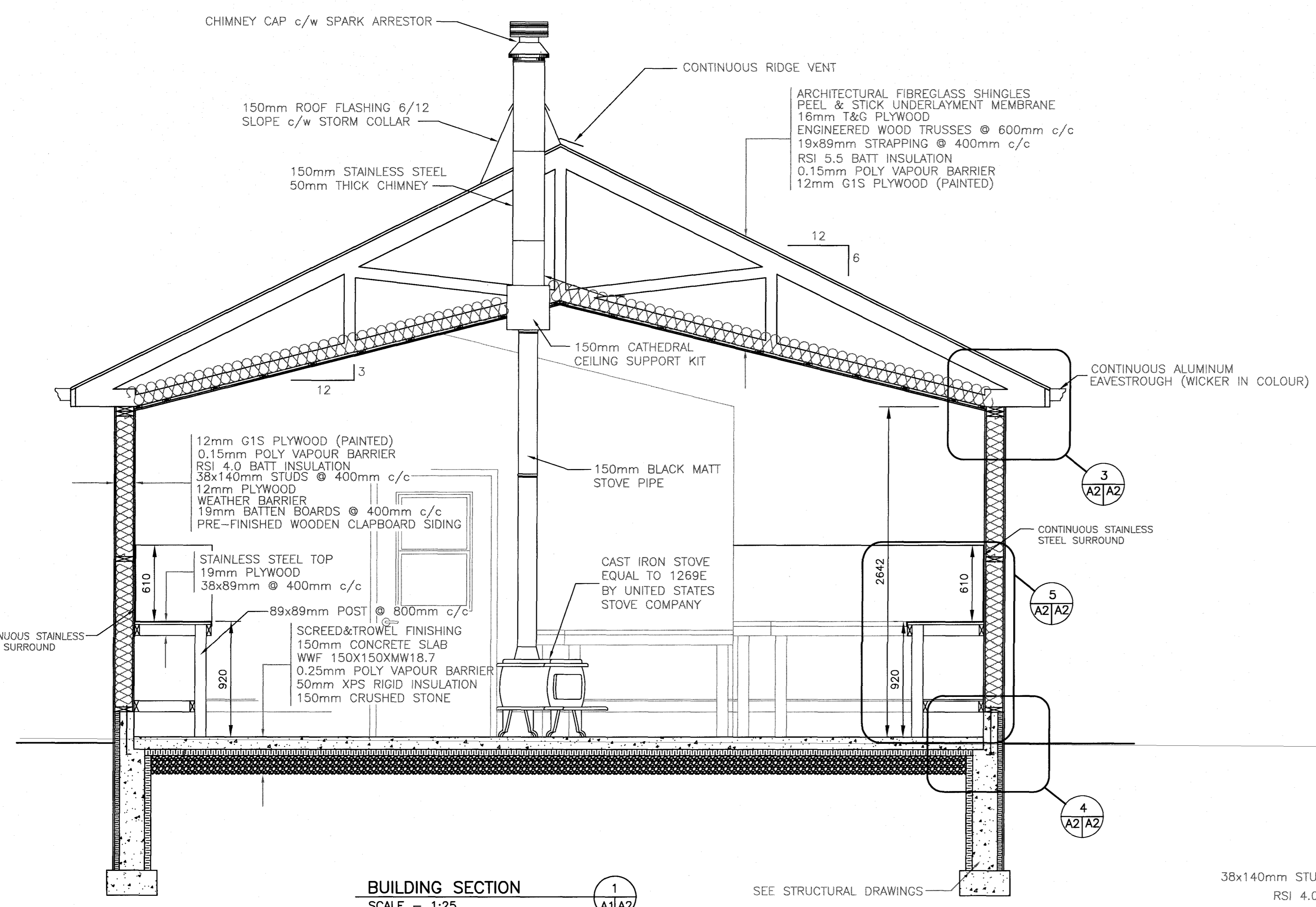


CECON PROJECT No. 17401

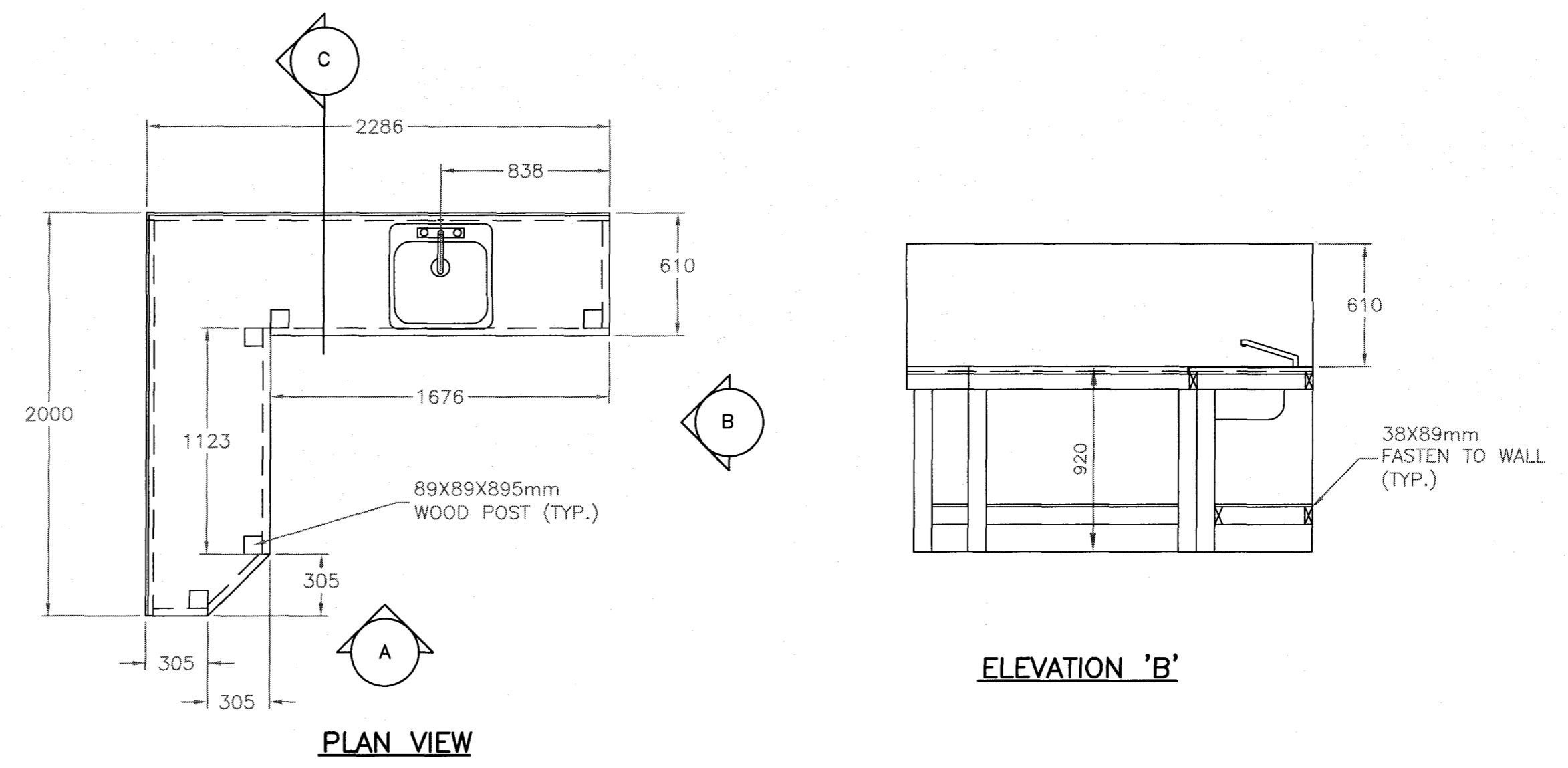
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A	ISSUED FOR 90% REVIEW	25.01.18
revisions		date
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NEWMAN SOUND KITCHEN SHELTER AND OUTDOOR THEATRE UPGRADES
TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL.

designer	comp
date	
drawn	Jam. Clark
date	SEPT. 2017
approved	approval
date	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
	PCA No. 457
drawing no.	no. du dessin
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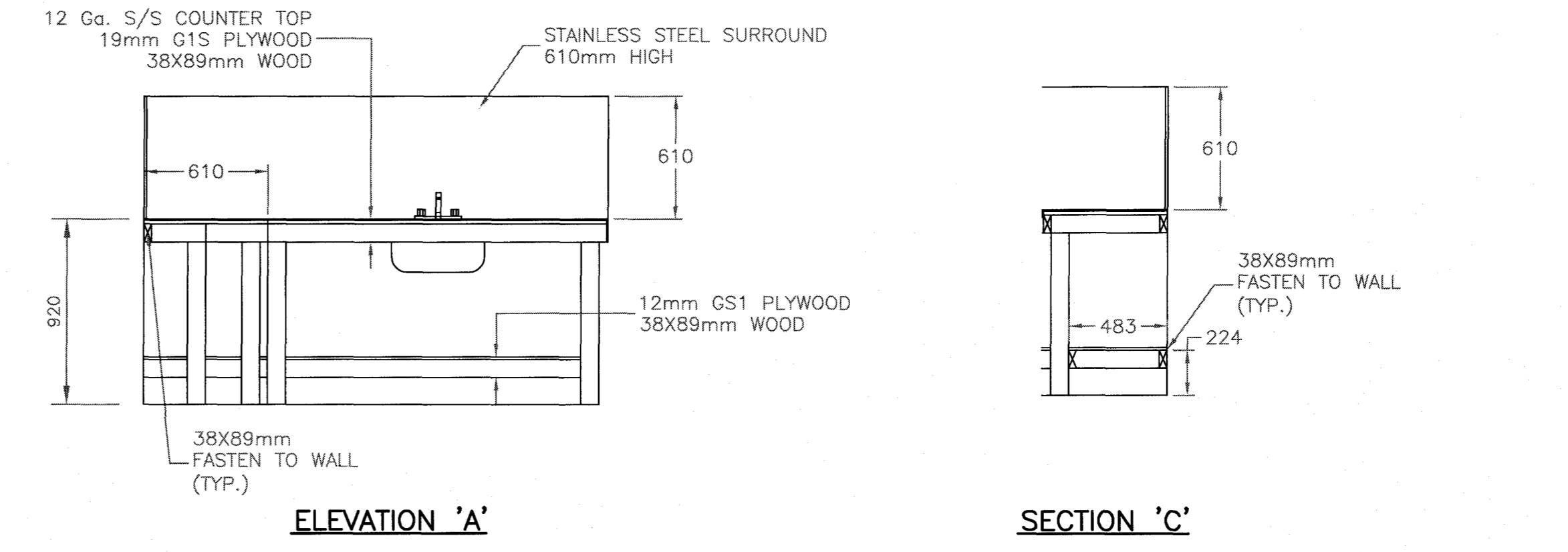


BUILDING SECTION
SCALE - 1:25



PLAN VIEW

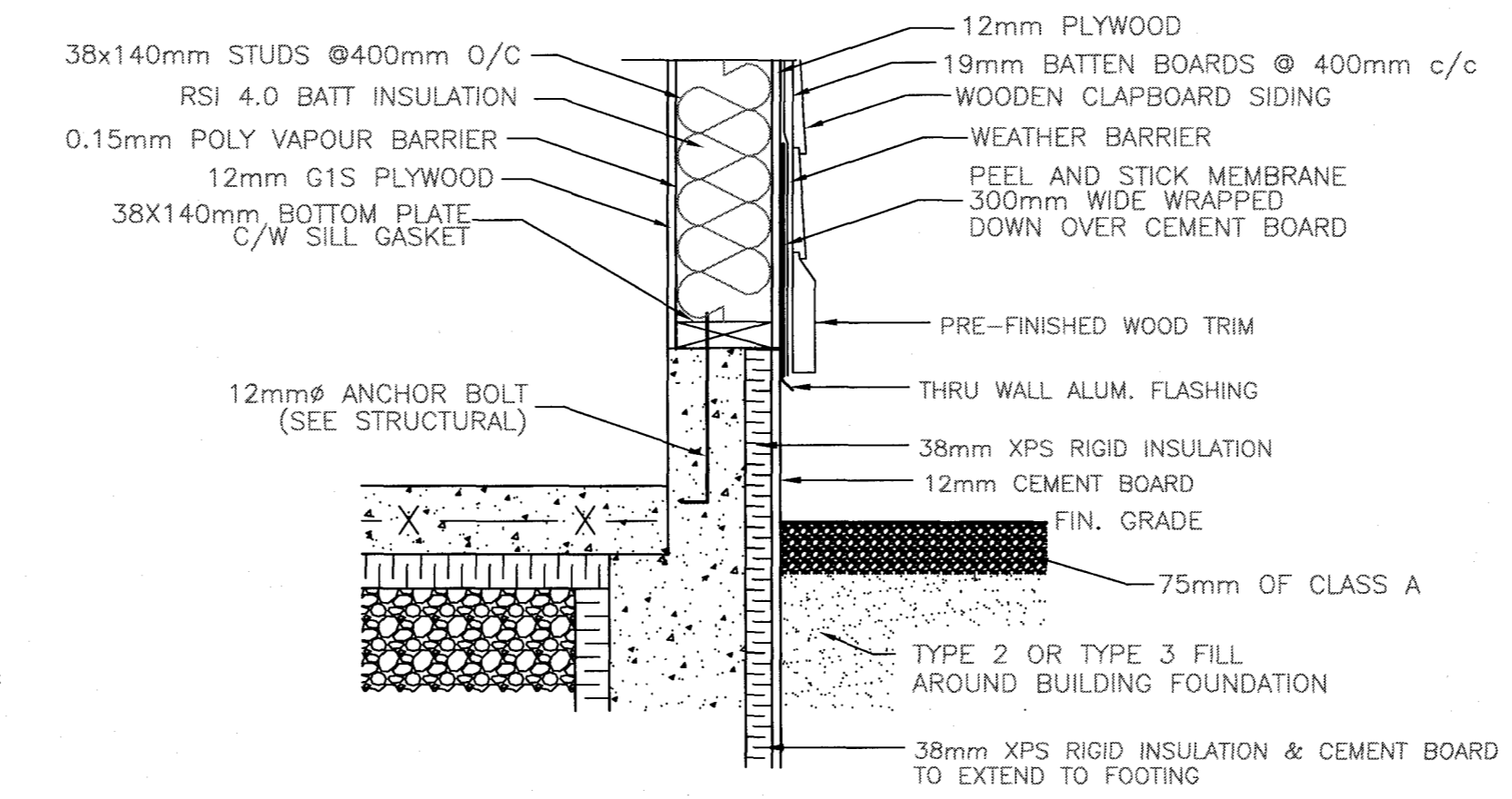
ELEVATION 'B'



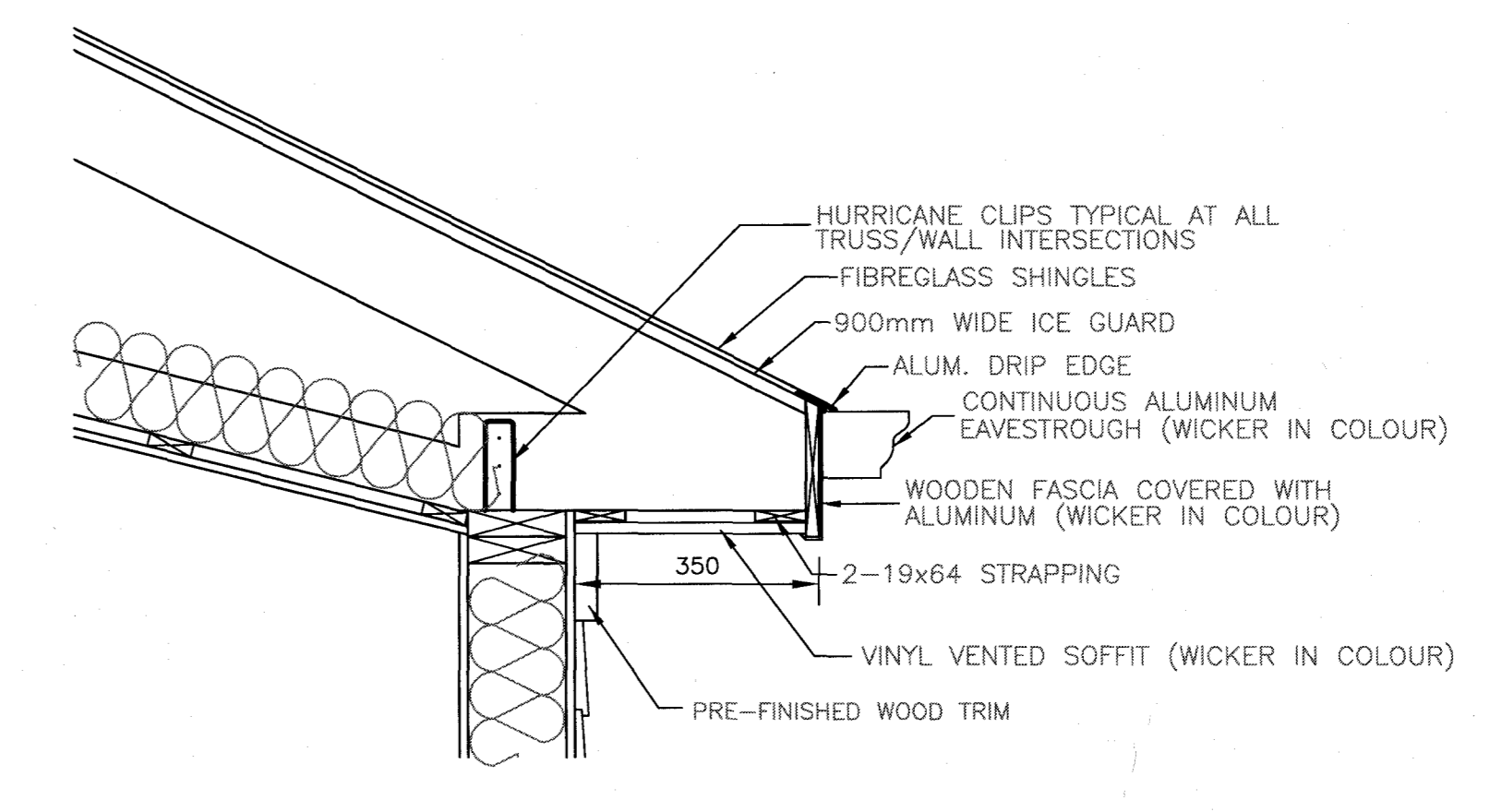
ELEVATION 'A'

SECTION 'C'

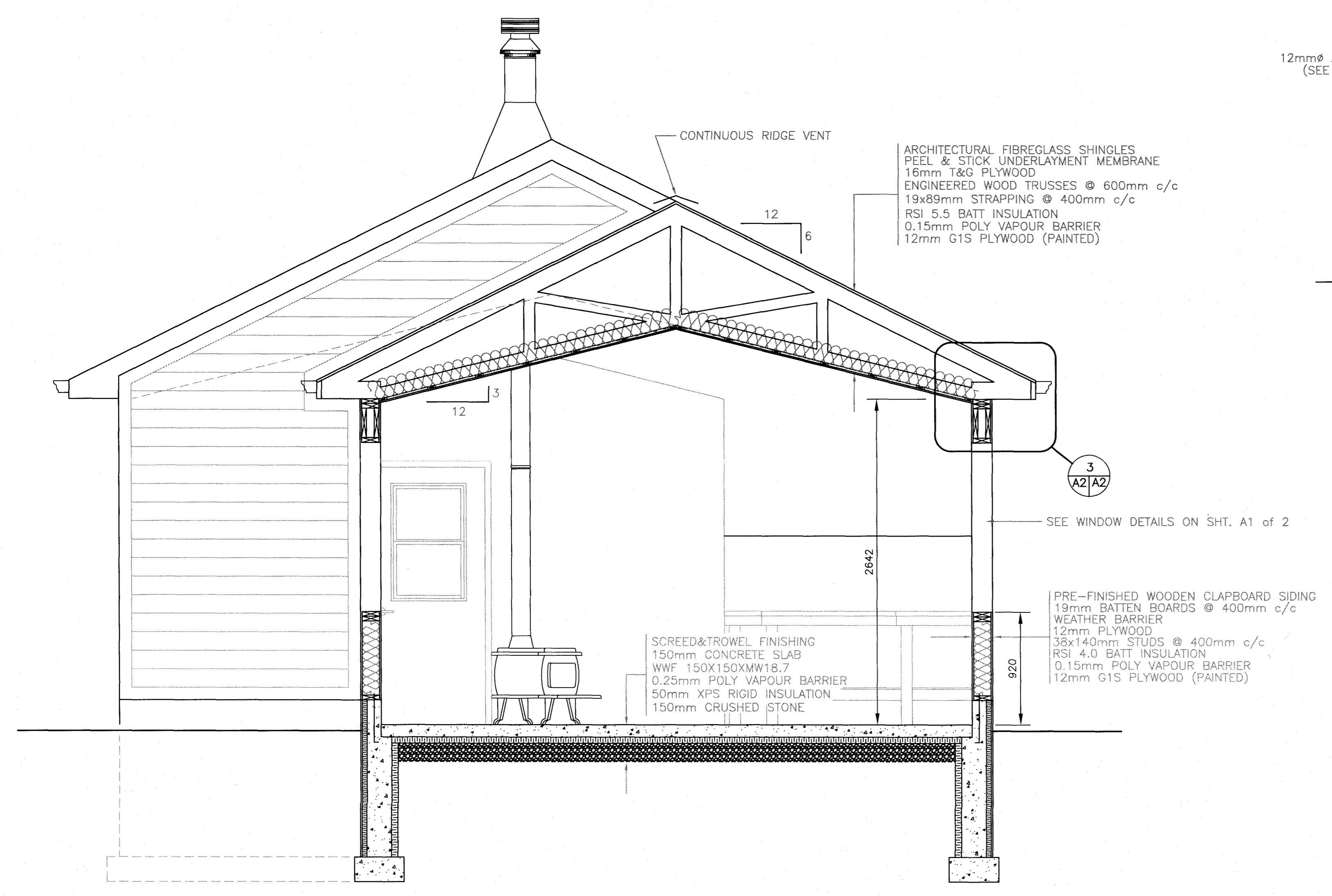
TYPICAL COUNTER DETAIL
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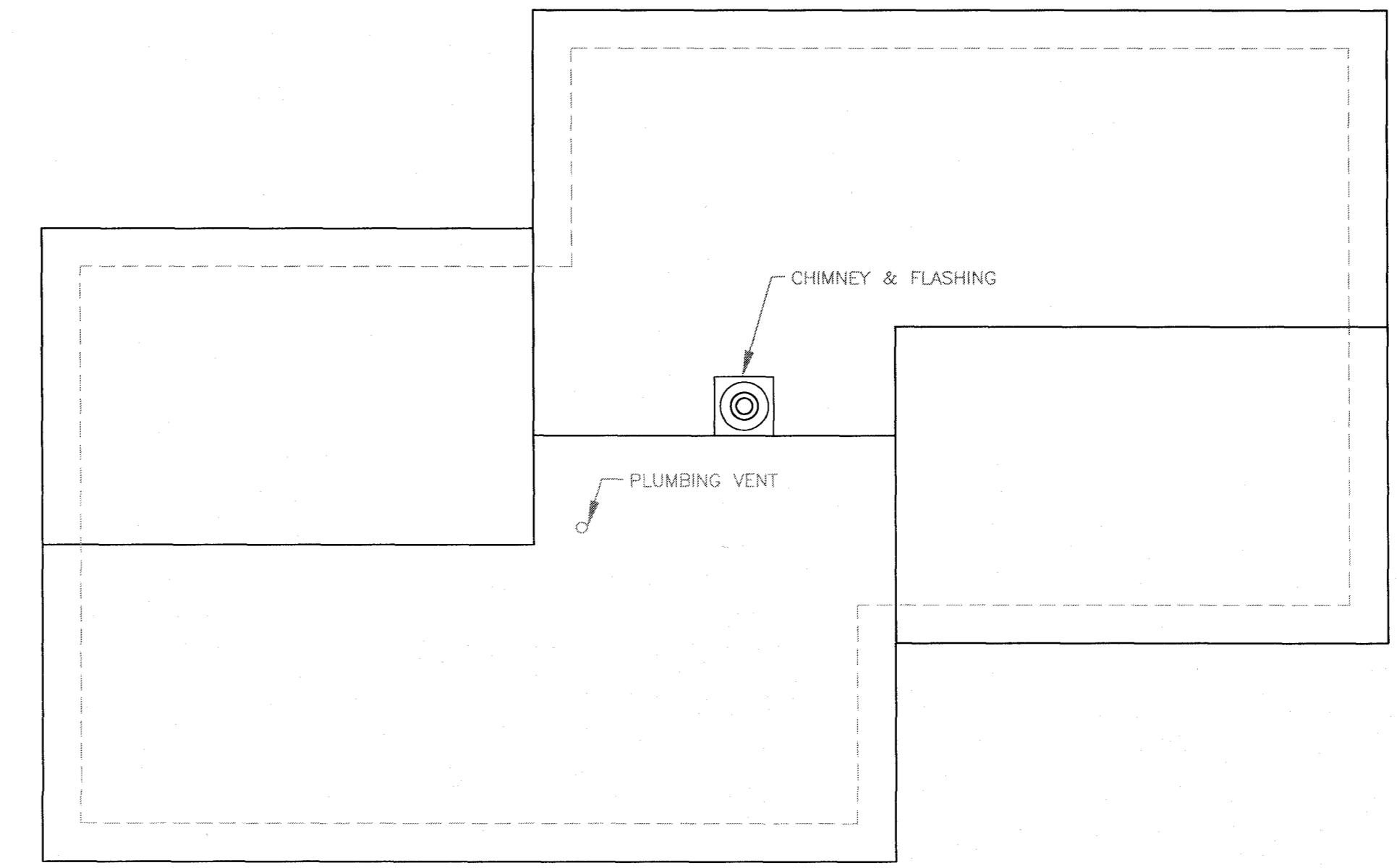
SILL DETAIL
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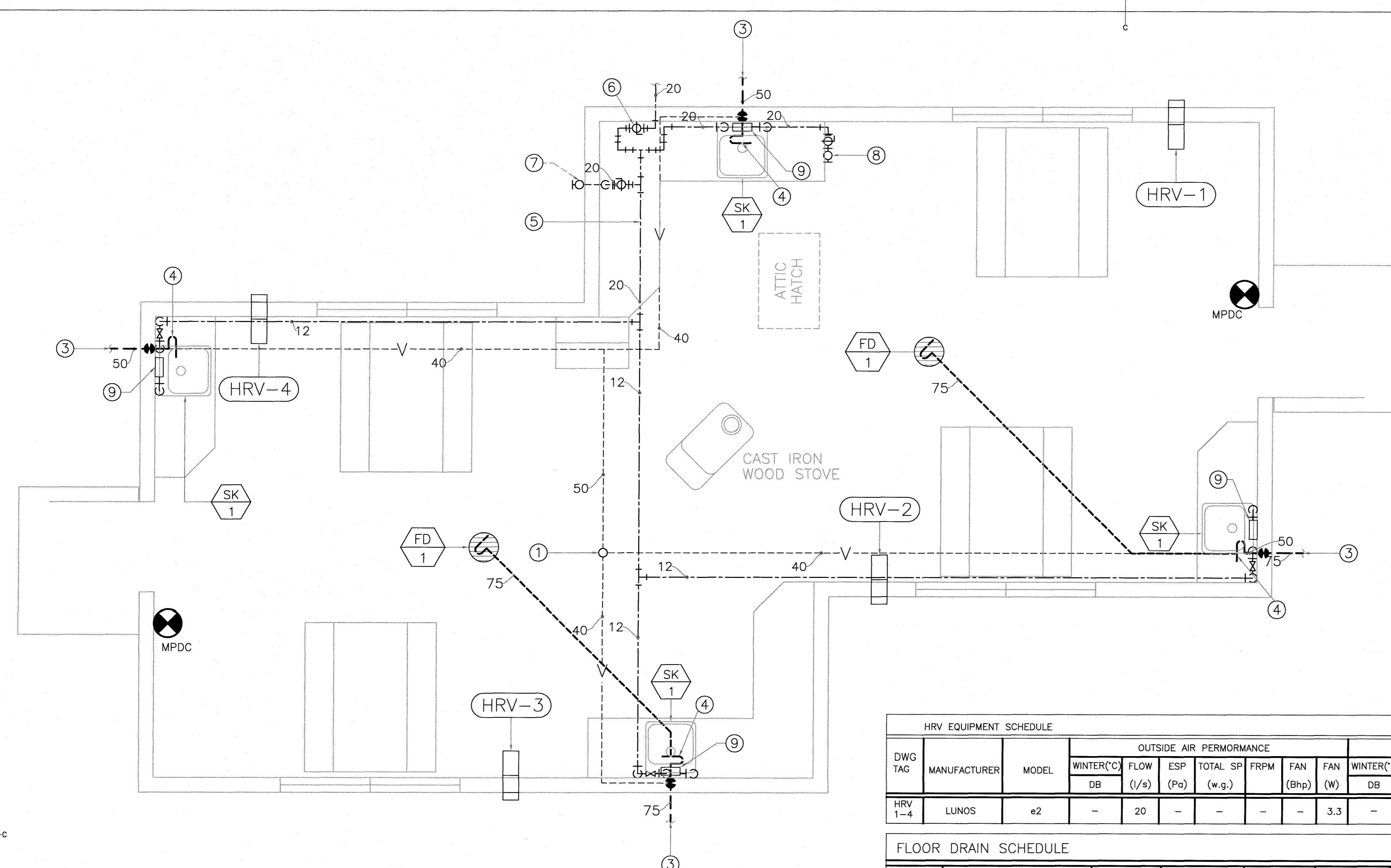
SOFFIT DETAIL
SCALE - 1:10



BUILDING SECTION
SCALE - 1:25



ROOF PLAN
SCALE 1:50

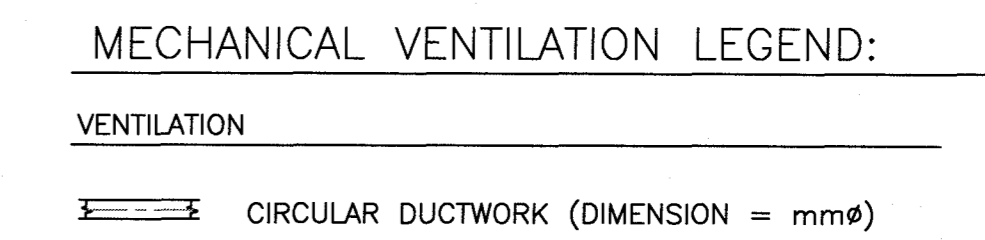
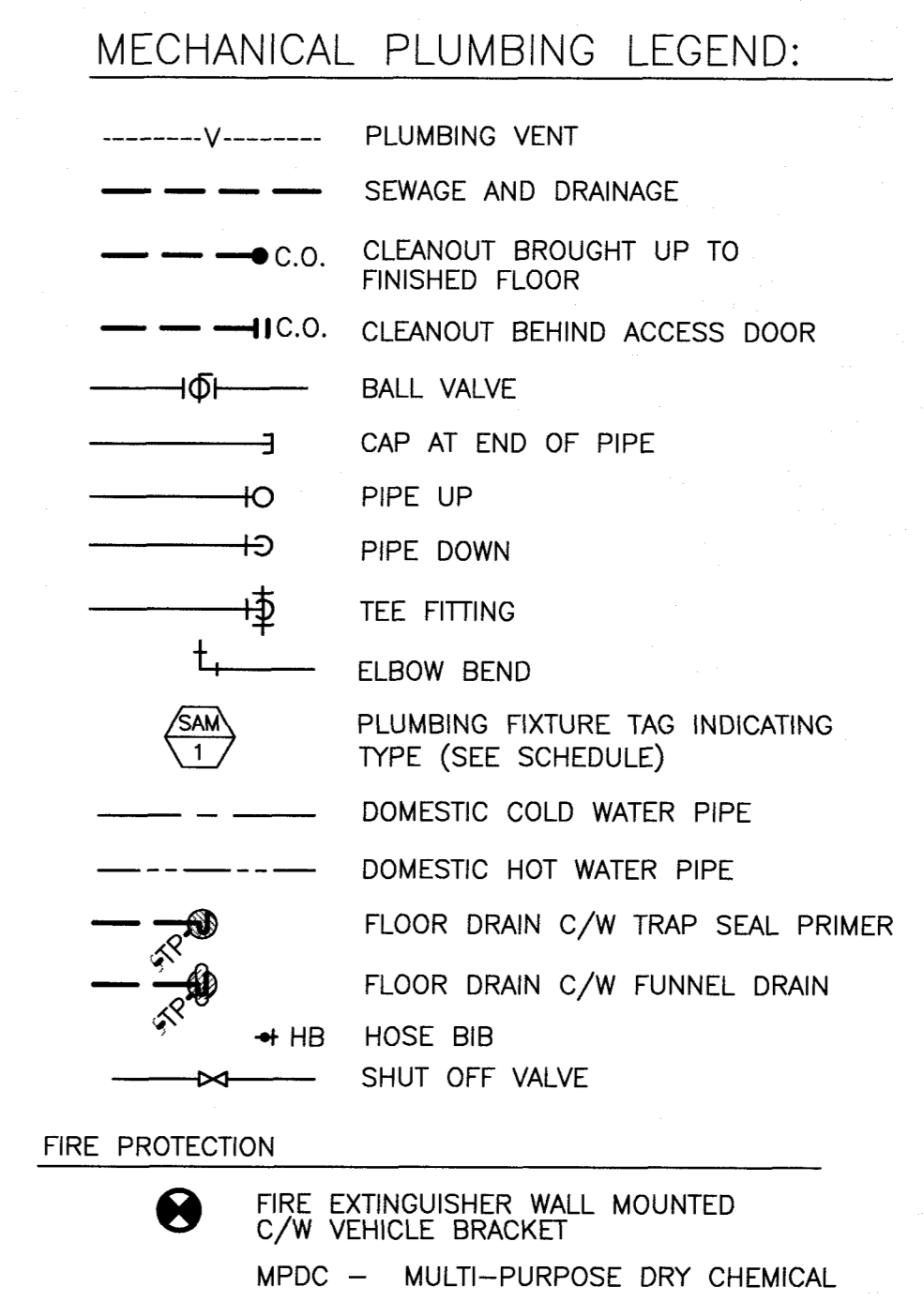


GENERAL NOTES:

- ALL DOMESTIC WATER PIPING TO BE SLOPED BACK TO WATER ENTRY POINT TO ALLOW COMPLETE DRAINING OF PLUMBING SYSTEM FOR WINTER SHUT DOWN. CONTRACTOR TO INCLUDE ALL NECESSARY DRAIN VALVES AND VENT VALVES TO ACCOMMODATE THIS AND BE ABLE TO DEMONSTRATE THE PROCESS DURING FINAL COMMISSIONING OR HANDOVER.
- PROVIDE DRAIN AND VENT VALVES, TO FACILITATE FACILITATE WINTER SHUT DOWN. AS NOTED IN NOTE ONE.

NEW MECHANICAL NOTES:

- 50mmØ VENT UP INCREASING TO 75mmØ THRU ROOF.
- GREENHECK MODEL WALL CAP. C/W BIRDSCREEN. PAINT TO MATCH EXISTING EXTERIOR WALL COLOR.
- TIE DRAIN PIPING TO DRAIN OFF SUMP PIT PIPING. SEE SITE PLAN FOR LOCATION. COORDINATE WITH CIVIL CONTRACTOR (TYPICAL)
- ALL TRAPS TO BE FITTED WITH WINTER DRAIN DOWN BOTTOM CAPS. (TYPICAL)
- WINTER DRAIN DOWN FOR DOMESTIC WATER PIPING SHALL BE SLOPED TOWARD POINT OF ENTRY AND DRAINED DOWN AT THAT POINT.
- 20mmØ DOMESTIC WATER PIPE C/W MAIN SHUTOFF VALVE. TIE INTO WATER SOURCE SEE SITE PLAN AND COORDINATE WITH CIVIL CONTRACTOR.
- NEW HOSE BIB TO BE ZURN Z1300 OR APPROVED EQUAL.
- NEW TYPICAL NON FREEZE HOSE BIB C/W VACUUM BREAKER TO BE ZURN Z1334 OR APPROVED EQUAL.
- HOT WATER ON DEMAND HEATER. TO BE RHEEM RTE8-08. HEATER TO BE RATED FOR 5.8 KW, 208/1/60. PROVIDE 12mm WATER CONNECTIONS.



KITCHEN FLOOR PLAN - MECHANICAL LAYOUT
SCALE: 1:25

DWG TAG	MANUFACTURER	MODEL	OUTSIDE AIR PERFORMANCE						EXHAUST AIR PERFORMANCE						ELECTRICAL			REMARKS		
			WINTER (C) DB	FLOW (l/s)	ESP (Pa)	TOTAL SP (w.g.)	FRPM	FAN (Bhp)	FAN (W)	WINTER (C) DB	FLOW (l/s)	ESP (Pa)	TOTAL SP (w.g.)	FRPM	FAN (Bhp)	FAN (KW)	VOLTAGE		FLA	MCC
HRV 1-4	LUNOS	e2	-	20	-	-	-	-	3.3	-	20	100	-	-	-	3.3	120/1/60	-	-	C/W WALL TUBE, TOUCH AIR COMFORT TAG. TO BE INSTALLED AS PER MANUFACTURE RECOMMENDATIONS.

TAG NO.	MODEL NO.	MANUF.	GRATING FLASHING	CLAMP	TRAP	TRAP SEAL PRIMER	SPECIAL REQUIREMENTS	AREA OF APPLICATION	REMARKS
FD-1	ZN-415-B-P	ZURN	YES	YES	REQ'D	REQ'D	-	SEE DRAWING	OUTLET SIZE AS PER DRAWING.

FIXTURE TAG	MANUF.	MODEL NO.	COLOUR	SINK & LAVATORY TRIM				ROUGHING				REMARKS		
				FAUCET	WASTE	TRAP	SUPPLIES	CARRIER	WASTE	VENT	HOT WATER		COLD WATER	
SK-1	KINDRED FRANKE	ALBS4605P-1	S.S.	DELTA 27C4834	CRUMB CUP STRAINER	DELTA 33T360	DELTA 47T2512SD			50mm	40mm	12mm	12mm	BARRIER FREE C/W 89mm CRUMB CUP STRAINER, LEDGE BACK DRILLED FOR 203mm G.C. DECK FAUCET. ALL PIPES TO BE INSULATED WHERE EXPOSED.

PERMIT

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSBIE ENGINEERING LIMITED

To practice Professional Engineering in Newfoundland and Labrador
Permit No. as issued by PEO-NO. 02123
which is valid for the year 2018.

STAMP

REGISTERED PROFESSIONAL ENGINEER
DAVID A. SMITH
16.03.18

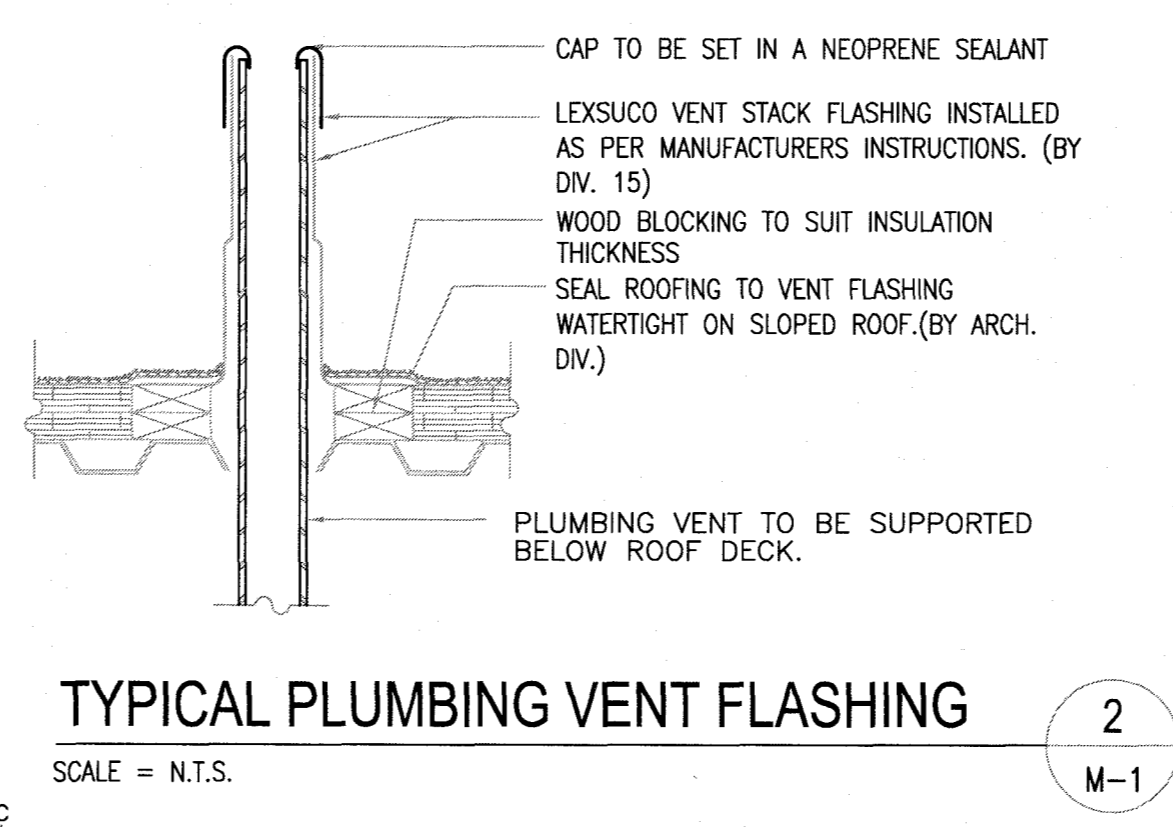
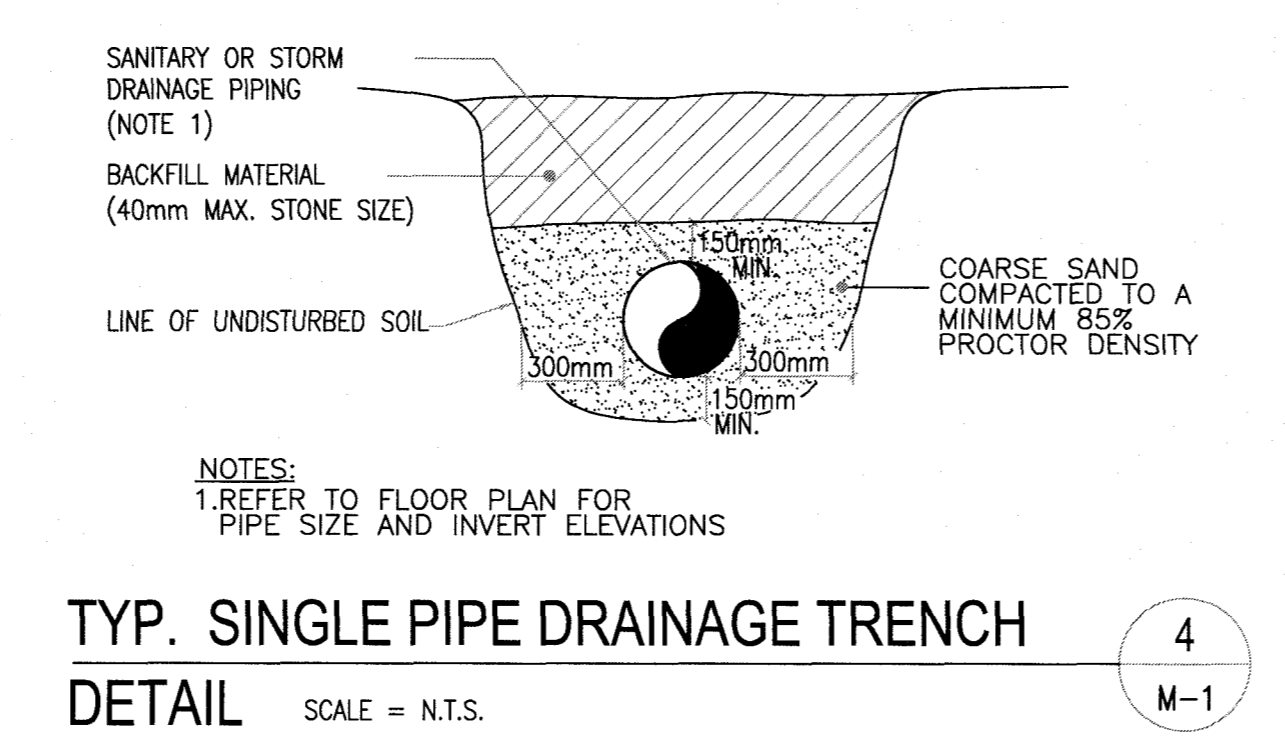
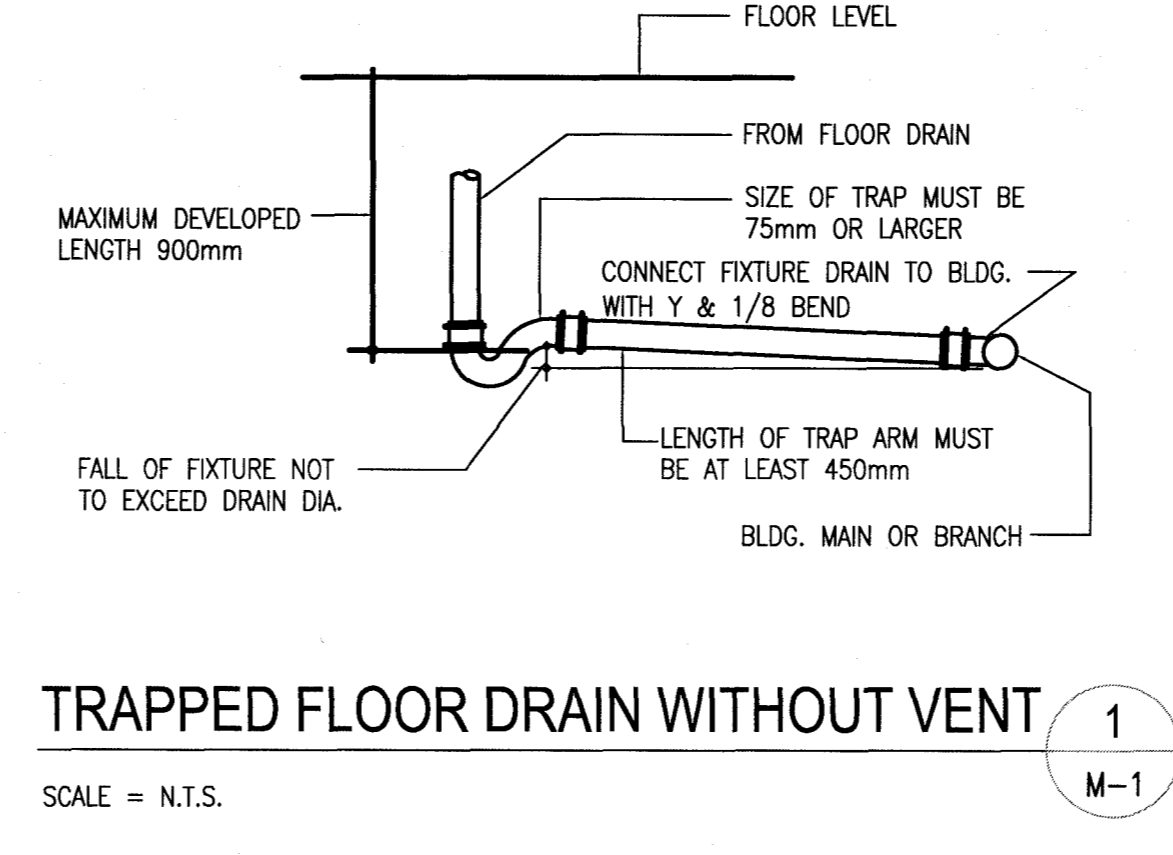
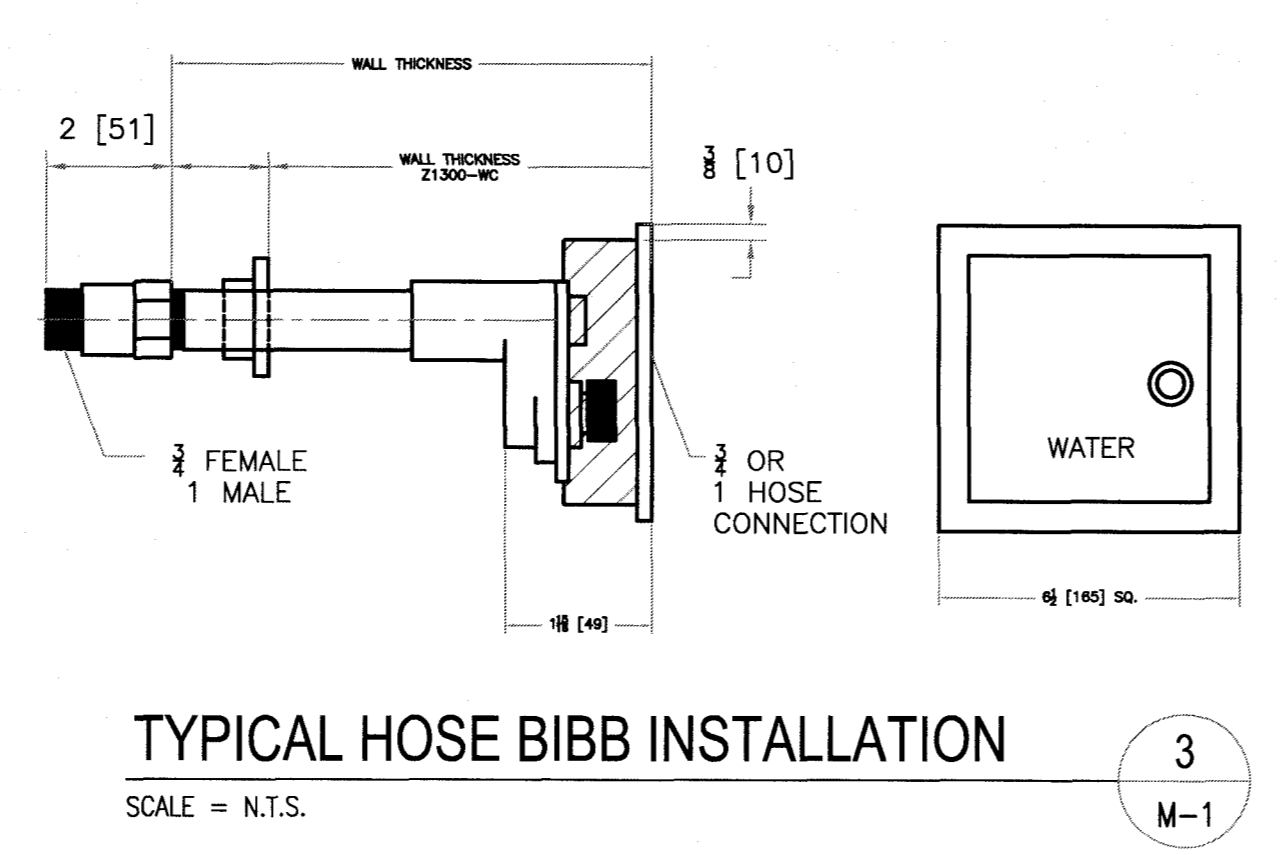
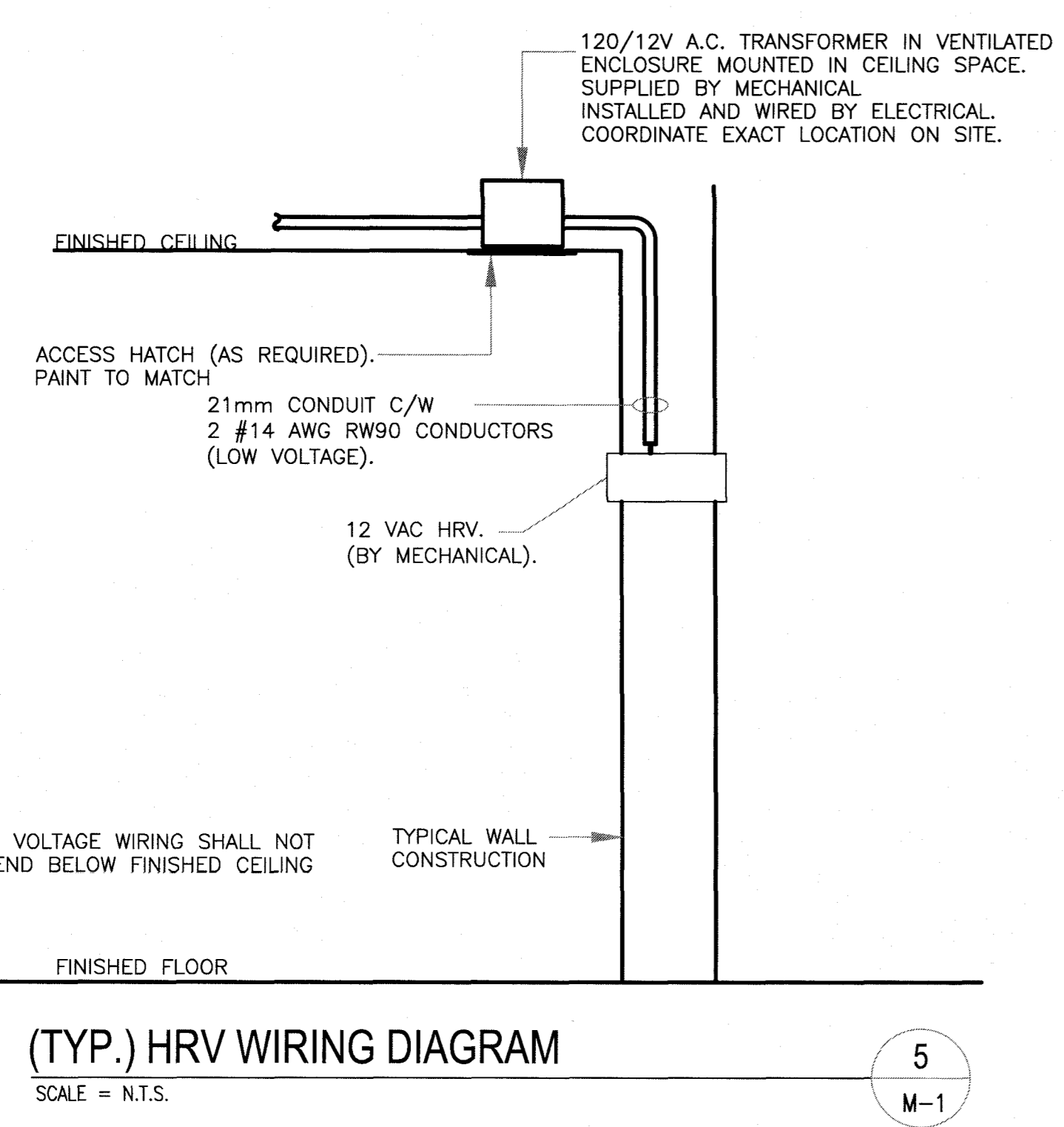
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C	RE-ISSUED FOR 99% REVIEW	25.01.18
B	RE-ISSUED FOR 99% REVIEW	16.01.18
A	ISSUED FOR 99% REVIEW	06.12.17

**NEW KITCHEN SHELTER
NEWMAN SOUND**

TERRA NOVA NATIONAL PARK GLOVERTOWN NL

**MECHANICAL LAYOUTS,
SCHEDULES
AND DETAILS**

designed	D.S.	conçu
date	DECEMBER 2017	
drawn	M.K.	dessiné
date	DECEMBER 2017	
approved	D.S.	approuvé
date	DECEMBER 2017	
Tender		Submission
Project Manager	Administrateur de projet TPSSC	
project number	no. du projet	
	PCA NO. 457	
drawing no.	no. du dessin	
	M-1	



LEGEND

LIGHTING

- (A) INCANDESCENT/HID/LED/COMPACT FLUORESCENT LIGHTING FIXTURE, CEILING MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- (WA) INCANDESCENT/HID/LED/COMPACT FLUORESCENT LIGHTING FIXTURE, WALL MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- (A) FLUORESCENT LIGHTING FIXTURE. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- S_{0,b}
P
K SINGLE POLE TOGGLE SWITCH, 15 AMP, SPECIFICATION GRADE, WHITE C/W STAINLESS STEEL COVERPLATE. SEE SPEC. FOR MORE INFORMATION. MOUNT 1200mm ABOVE FINISHED FLOOR.
"a" OR "b" INDICATES CIRCUIT TO BE CONTROLLED.
"P" INDICATES PILOT LIGHT
"K" INDICATES KEY OPERATED
- S₃
4 "3" INDICATES THREE WAY SWITCH, SIMILAR TO ABOVE.
"4" INDICATES FOUR WAY SWITCH, SIMILAR TO ABOVE.

EMERGENCY/EXIT LIGHTING

- (X) EXIT SIGN. EQUAL TO "FL SOLUTIONS" PHOTOLUMINESCENT RUNNING MAN EXIT SIGN. NO ARROW. WALL MOUNT 2400mm. ABOVE FINISHED FLOOR.
- (L) EMERGENCY LIGHTING BATTERY UNIT "LUMACELL" #RZ46V OR EQUAL. 120 VOLT AC, 6 VOLT DC. BATTERY TO WALL MOUNT 2400mm. ABOVE FINISHED FLOOR. BE RATED FOR 29 WATTS C/W TWO 5.4W MR-16 LED HEADS & COME WITH A 10 YEAR RATED LIFE MINIMUM.

WIRING DEVICES

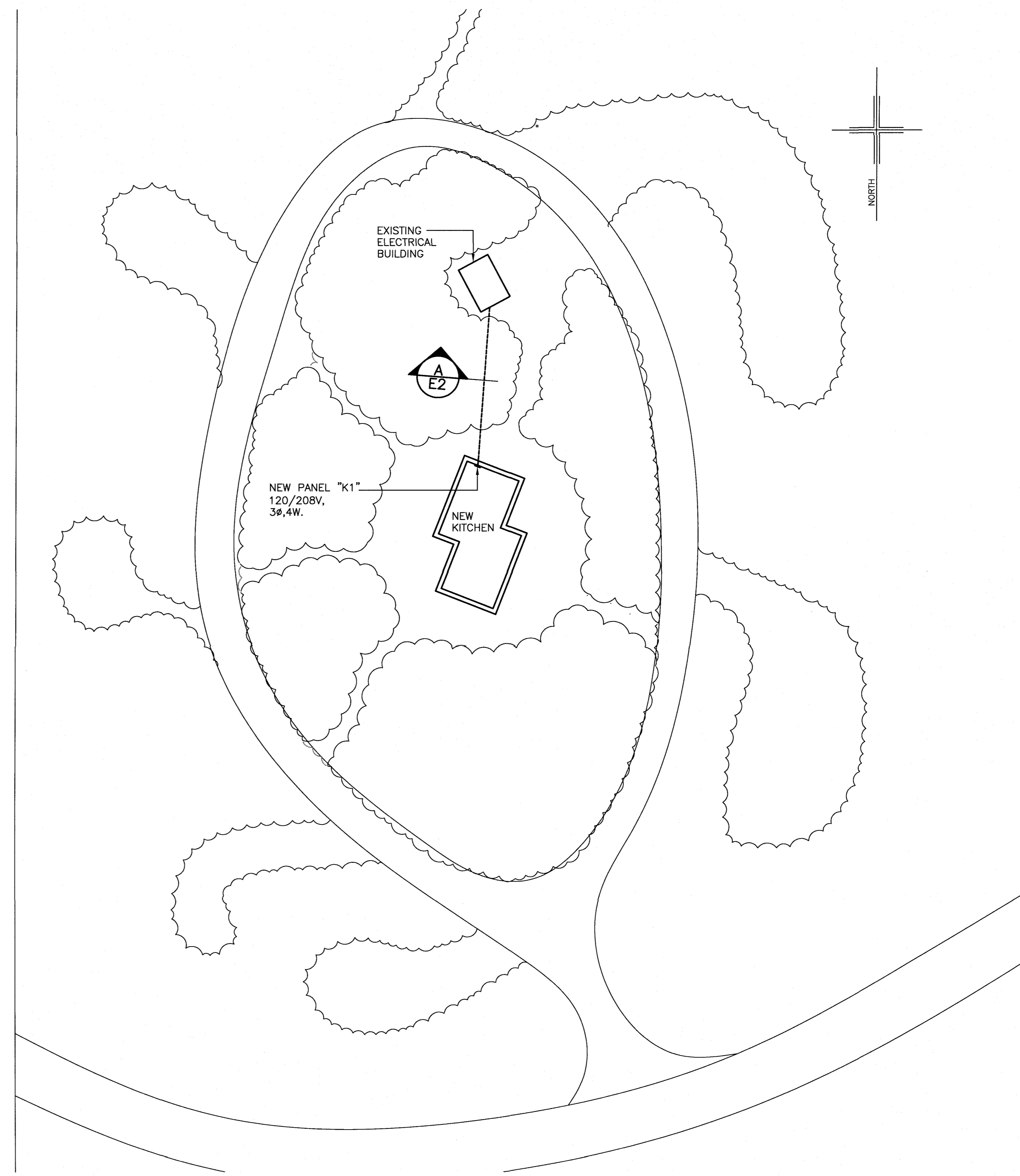
- (WP) DUPLEX U-GROUND RECEPTACLE. 120 VOLT, 15 AMP, SPECIFICATION GRADE. WHITE & C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 400mm ABOVE FINISHED FLOOR. "WP" INDICATES WEATHERPROOF COVERPLATE.
- (WP) GFCI DUPLEX RECEPTACLE. 120 VOLT, 15 AMP, WHITE, SPECIFICATION GRADE C/W STAINLESS STEEL COVERPLATE. MOUNTED ON EXTERIOR POST. "WP" INDICATES WEATHERPROOF COVERPLATE.
- (WP) DUPLEX U-GROUND RECEPTACLE. 120 VOLT, 20 AMP, SPECIFICATION GRADE. WHITE & C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 400mm ABOVE FINISHED FLOOR. "WP" INDICATES WEATHERPROOF COVERPLATE.
- (WP) GFCI DUPLEX RECEPTACLE. 120 VOLT, 20 AMP, WHITE, SPECIFICATION GRADE C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 400mm ABOVE FINISHED FLOOR.
- (WP) GFCI DUPLEX RECEPTACLE. 120 VOLT, 20 AMP, WHITE, SPECIFICATION GRADE C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 150mm TO CENTER ABOVE COUNTER.
- (SA) COMBINATION CARBON MONOXIDE AND SMOKE ALARM. RATED 120 VOLT. SURFACE MOUNT ON CEILING. EQUAL TO KIDDE MODEL I12010SCOCA, C/W 9 VOLT BATTERY BACKUP AND TEMP SILENCE BUTTON.
- (GA) PROPANE ALARM. RATED 120 VOLT. WALL MOUNT 300mm A.F.F. EQUAL TO KIDDE MODEL 900-0113, C/W 9 VOLT BATTERY BACKUP.

ELECTRIC HEATING

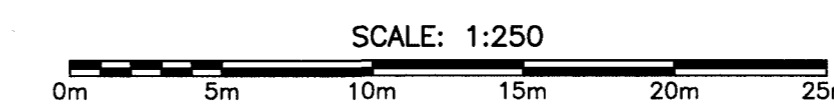
- (TYPE) ELECTRIC HEATER. SEE HEATER FIXTURE SCHEDULE AND/OR SPECIFICATION FOR DESCRIPTION.
- (T) LOW VOLTAGE ELECTRONIC THERMOSTAT C/W TAMPERPROOF COVER. QUELLET OTH24 OR APPROVED EQUAL. MOUNT 1200mm ABOVE FINISH FLOOR.

DEMOLITION NOTES:

1. CONTRACTOR TO PROVIDE ALL CUTTING, PATCHING AND PAINTING IN EXISTING ELECTRICAL BUILDING TO MATCH EXISTING. COORDINATE ON SITE.
2. ALL WORK SHALL BE SCHEDULED AND COORDINATED WITH OWNER REPRESENTATIVE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND DISPOSALS OF WORK AREA ON A DAILY BASIS. AFTER EACH WORKING SHIFT BUILDING TO BE CLEANED AND FREE OF DEBRIS. BUILDING GARBAGE BINS ARE NOT TO BE USED.
4. ANY ELECTRICAL SYSTEM SHUTDOWN TO BE SCHEDULED AFTER NORMAL BUSINESS HOURS AND SHALL BE COORDINATED WITH OWNER REPRESENTATIVE. SUFFICIENT NOTICE SHALL BE GIVEN. 5 WORKING DAYS NOTICE IS REQUIRED FOR ANY DISRUPTION.
5. N/A
6. ALL WIRING TO BE INSTALLED IN CONDUIT AS INDICATED.
7. ACCESS TO BUILDING TO BE COORDINATED WITH OWNER REPRESENTATIVE.
8. LABEL ALL EQUIPMENT WITH LAMACOID TAGS.



PARTIAL SITE PLAN (LOOP "H" - KITCHEN SHELTER)



PERMIT
 PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 Class "A"
 This Permit Allows
CROSBIE ENGINEERING LIMITED
 To practice Professional Engineering
 in Newfoundland and Labrador
 Permit No. as issued by PEG-NL 00123
 which is valid for the year 2018.

STAMP

O	ISSUED FOR TENDER	16.03.18
C	RE-ISSUED FOR REVIEW	25.01.18
B	RE-ISSUED FOR 99% REVIEW	15.01.18
A	ISSUED FOR 99% REVIEW	06.12.17
revisions	date	

project project

**NEW KITCHEN SHELTER
NEWMAN SOUND**

TERRA NOVA NATIONAL PARK GLOVERTOWN NL

drawing dessin

**LEGEND & KITCHEN
SITE PLAN**

designed K.N. conçu

date DECEMBER 2017

drawn D.R. dessiné

date DECEMBER 2017

approved approuvé

date

Tender Soumission

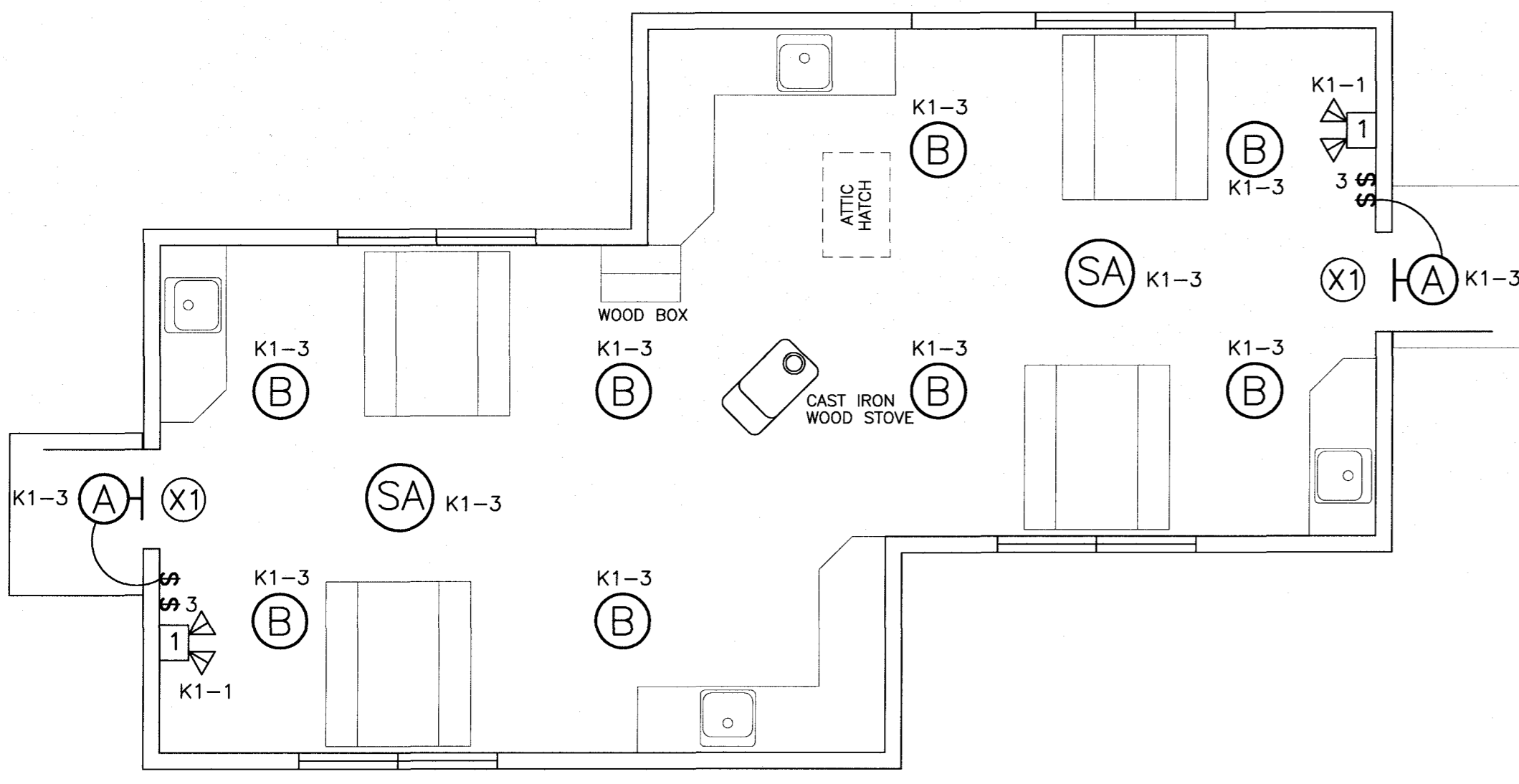
PWGC Project Manager Administrateur de projets TPSGC

project number no. du projet

PCA NO. 457

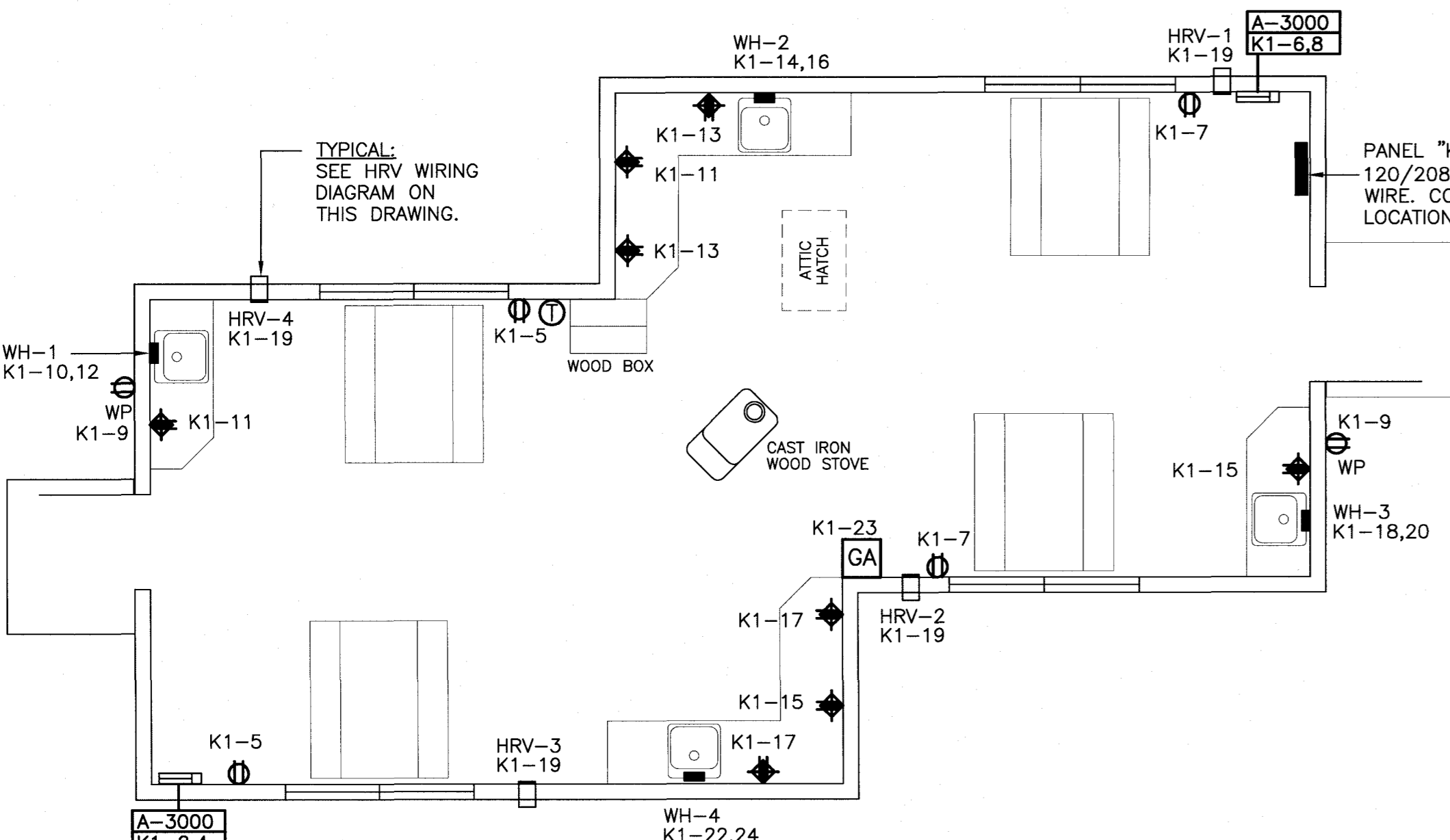
drawing no. no. du dessin

E1



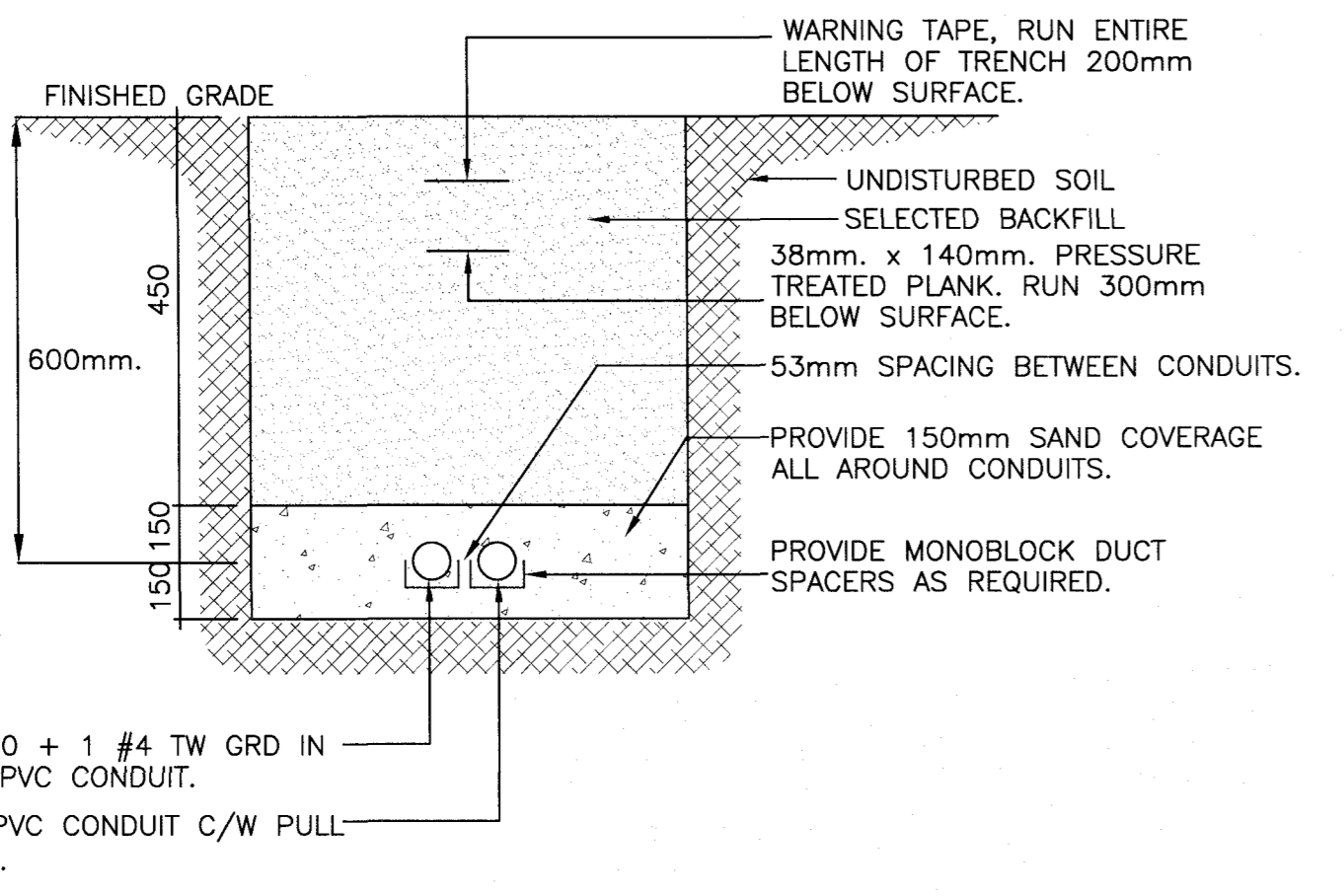
KITCHEN FLOOR PLAN - LIGHTING LAYOUT

SCALE: 1:50



KITCHEN FLOOR PLAN - HEATING & POWER LAYOUT

SCALE: 1:50



TRENCH DETAIL - KITCHEN BUILDING

SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULE

SYMBOL	LIGHT SOURCE	MOUNTING	LAMPS	VOLTS	MANUFACTURER	CAT. NO.	REMARKS
A	LED	EXTERIOR WALL	26 WATT LED	120	LITHONIA	DSXW1LED 10C 1000 AMBPC T3M 120 PE	SEE NOTE 1.
B	LED	CEILING SUSPENDED	16.8 WATT LED	120	BARN LIGHT	BLE-C-LAR10-975-SBK-975-LDBPC-CGG-CLR-LED16-2700K	

NOTES:
1. AMBER PHOSPHOR CONVERTED COLOR TEMPERATURE. C/W PHOTOCELL.

ELECTRIC HEATER SCHEDULE

TYPE	DESCRIPTION	VOLTS	WATTS	MANUFACTURER	CAT. NO.	MOUNTING	REMARKS
A	CABINET CONVECTOR	208V, 1 ϕ	3000	OUELLET	OPI300B	WALL SURFACE	SEE NOTE 1, 2, 3

NOTES (ELECTRIC HEATER SCHEDULE):
1. BOTTOM OF ELECTRIC HEATER TO BE MOUNTED 300mm ABOVE FINISHED FLOOR. COORDINATE THE EXACT MOUNTING HEIGHT PRIOR TO INSTALLATION WITH OWNER REPRESENTATIVE.
2. ALL HEATERS TO BE WHITE IN COLOR.
3. HEATER C/W LOW VOLTAGE RELAY/TRANSFORMER KIT.

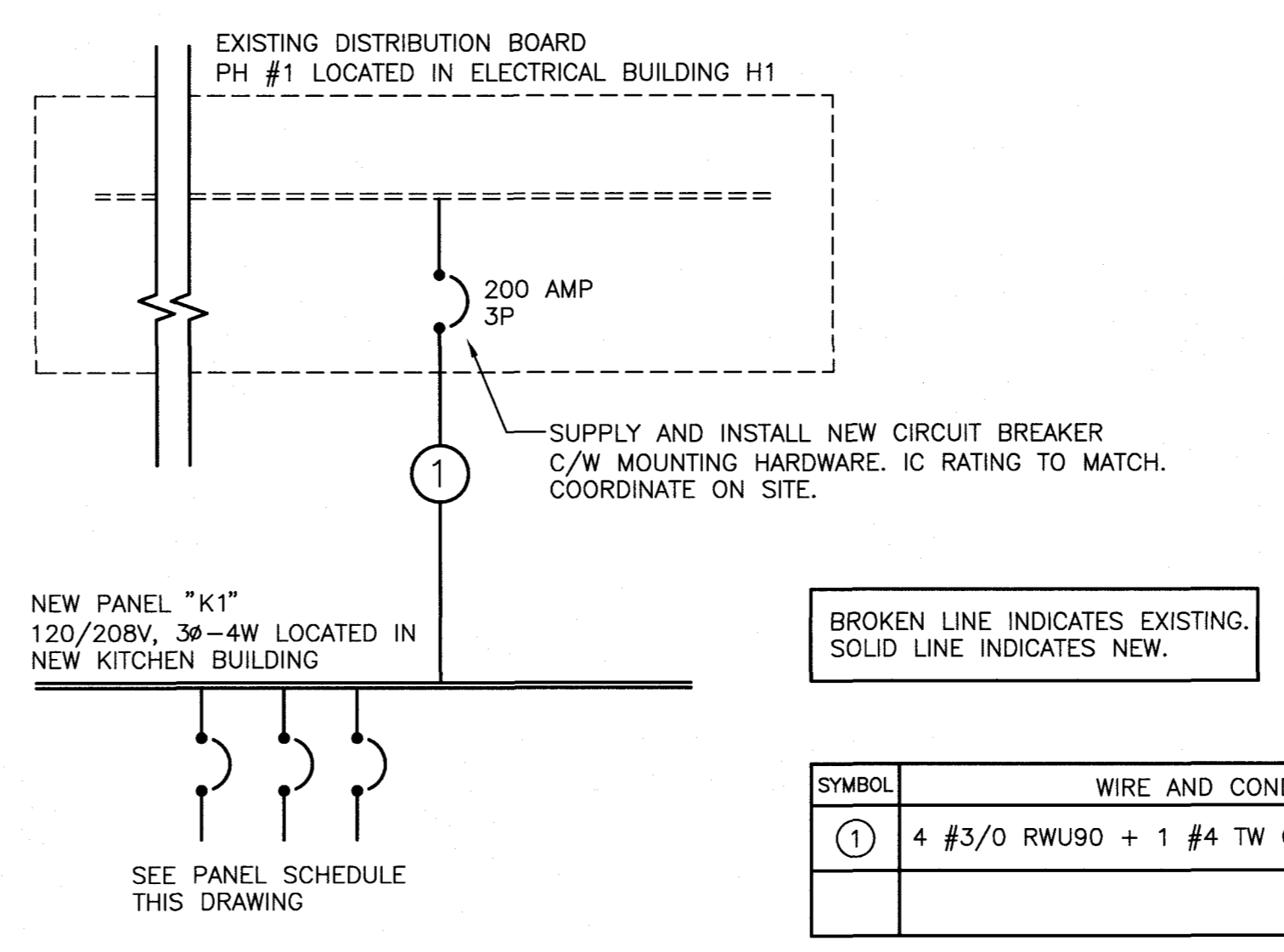
NEW PANEL - KITCHEN

VOLTS	120/208	PANEL NAME	K1	MAINS RATED	200 AMP
PHASE	3	LOCATION	KITCHEN	MOUNTING SURFACE	
WIRE	4	FED FROM	PH #1	CIRCUITS	42

DESIGNATION	WATTAGE				WIRE	BKR	CCT	A	B	C	CCT	BKR	WIRE	WATTAGE				DESIGNATION			
	ϕ A	ϕ B	ϕ C	ϕ C										ϕ A	ϕ B	ϕ C	ϕ C				
* EXISTING EXIT/EMERGENCY LIGHTING	100				12	15	1				2	20	12	1500				HEAT - KITCHEN			
LIGHTING-KITCHEN	250				12	15	3				4	20	12	1500				HEAT - KITCHEN			
RECEPTACLE-KITCHEN		240			12	15	5				6	20	12	1500		1500		HEAT - KITCHEN			
RECEPTACLE-KITCHEN		240			12	15	7				8	20	12	1500				HEAT - KITCHEN			
** EXTERIOR RECEPTS		240			12	15	9				10	40	8	2900				WH-1			
RECEPTACLE-KITCHEN		240			12	20	11				12	20	8	2900				WH-1			
RECEPTACLE-KITCHEN		240			12	20	13				14	40	8	2900				WH-2			
RECEPTACLE-KITCHEN		240			12	20	15				16	40	8	2900				WH-2			
RECEPTACLE-KITCHEN		240			12	20	17				18	40	8	2900				WH-3			
HRV1-4		20			12	15	19				20	40	8	2900				WH-3			
SPARE					15	21					22	40	8	2900				WH-4			
PROPANE ALARM		100			12	15	23				24	2	8	2900		2900		WH-4			
SPARE					15	25					26	15						SPARE			
SPARE					15	27					28	15						SPARE			
SPARE					15	29					30	15						SPARE			
SPARE					15	31					32	15						SPARE			
SPARE					15	33					34	15						SPARE			
SPARE					15	35					36	20						SPARE			
SPARE					15	37					38	2						SPARE			
SPARE					15	39					40	20						SPARE			
SPARE					15	41					42	2						SPARE			
<p>ϕ A TOTAL : 9400 ϕ B TOTAL : 10930 ϕ C TOTAL : 11020</p>															TOTAL LOAD			31.35 KW		87 AMP	

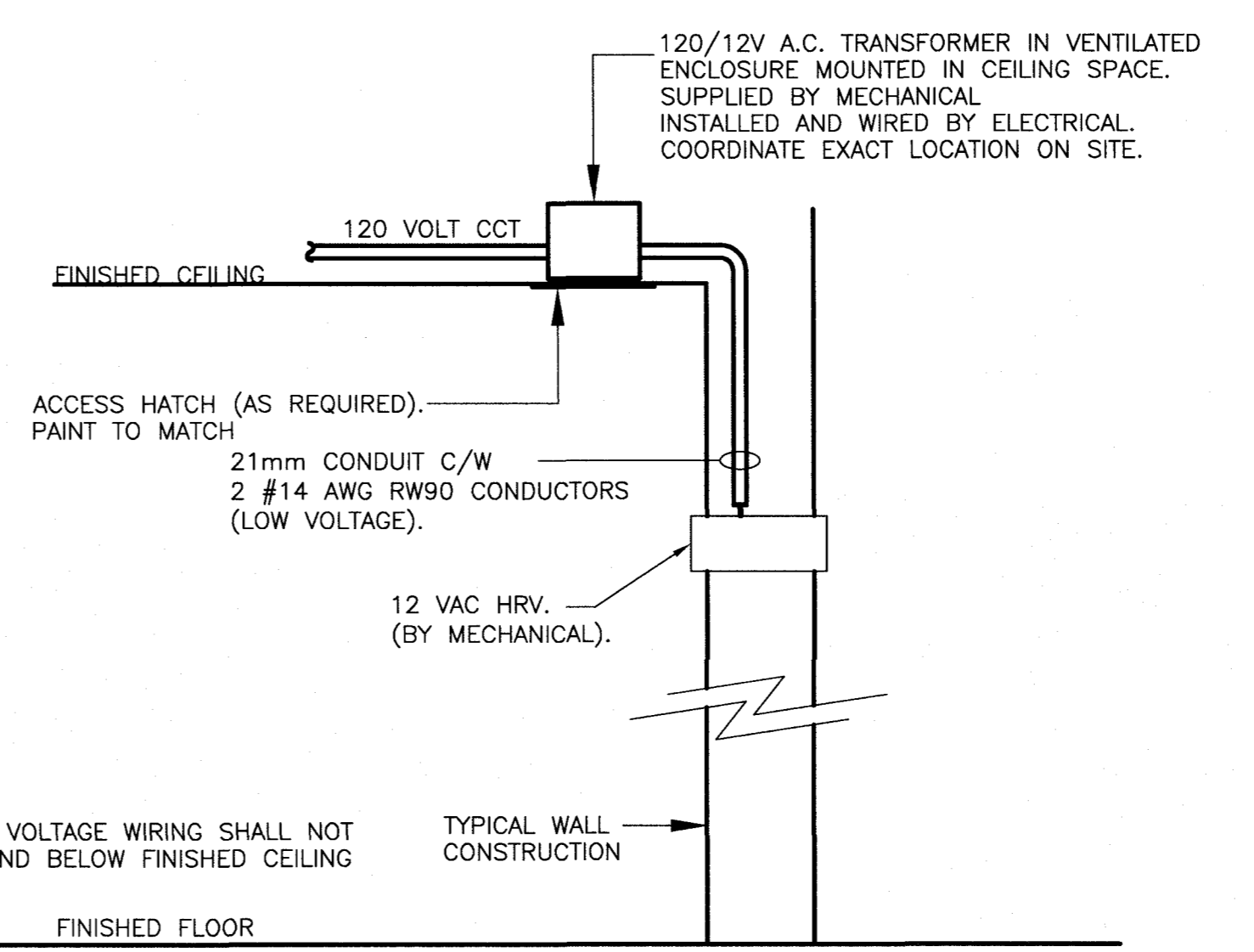
PANEL C/W 100A, 3P MAIN BREAKER SERVICE ENTRANCE RATED

- INDICATES LOCK-ON DEVICE
- - INDICATES GROUND FAULT CIRCUIT BREAKER



PARTIAL ELECTRICAL DISTRIBUTION SYSTEM - SINGLE LINE DIAGRAM

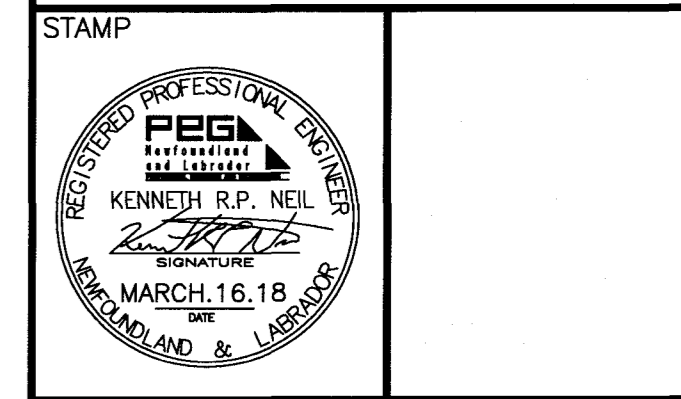
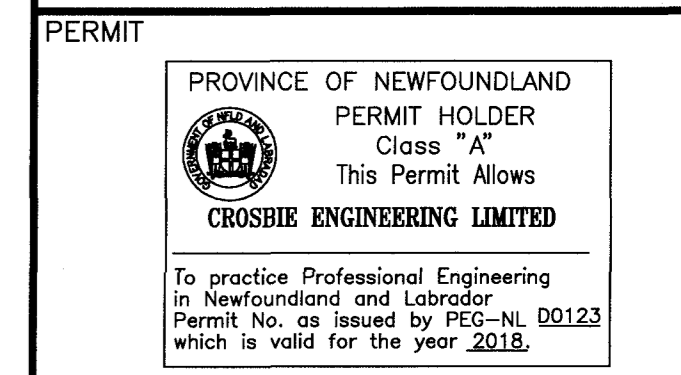
SCALE: N.T.S.



NOTES:
1. LINE VOLTAGE WIRING SHALL NOT EXTEND BELOW FINISHED CEILING

HRV WIRING DIAGRAM

SCALE: N.T.S.



SYMBOL	WIRE AND CONDUIT SIZE
①	4 #3/0 RWU90 + 1 #4 TW GROUND IN 63mm EMT CONDUIT

**NEW KITCHEN SHELTER
NEWMAN SOUND**

TERRA NOVA NATIONAL PARK GLOVERTOWN NL.

drawing: _____ dessin: _____

FLOOR PLANS - ELECTRICAL LAYOUTS, PANEL SCHEDULES AND DETAILS

designed: K.N. conce: _____

date: DECEMBER 2017

drawn: D.R. dessin: _____

date: DECEMBER 2017

approved: _____ approuv: _____

Tender: _____ Soumission: _____

PWGSC Project Manager: Administrateur de projets TPSCG

project number: _____ no. du projet: _____

PCA NO. 457

drawing no: _____ no. du dessin: _____

E2