

Parcs
Canada

OUTDOOR THEATRE UPGRADES NEWMAN SOUND CAMPGROUNDS TERRA NOVA NATIONAL PARK GLOVERTOWN NEWFOUNDLAND AND LABRADOR

PROJECT NO. 457

LIST OF DRAWINGS

COVER SHEET

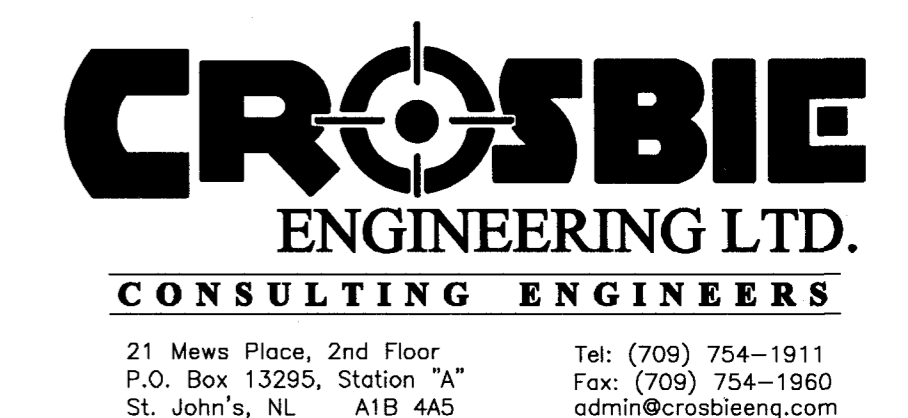
SP1 of 2	OUTDOOR THEATRE – DEMOLITION SITE PLAN
SP2 of 2	OUTDOOR THEATRE – NEW SITE PLAN
F1 of 1	OUTDOOR THEATRE – SOUND SHELTER, FOUNDATION PLAN
A1 of 2	OUTDOOR THEATRE – REAR PROJECTION BUILDING MODIFICATIONS
A2 of 2	OUTDOOR THEATRE – SOUND SHELTER PLAN, ELEVATIONS AND DETAILS
E1 of 2	LEGEND & SITE PLAN AND TRENCH DETAILS
E2 of 2	FLOOR PLANS – ELECTRICAL LAYOUTS, PANEL SCHEDULES AND DETAILS

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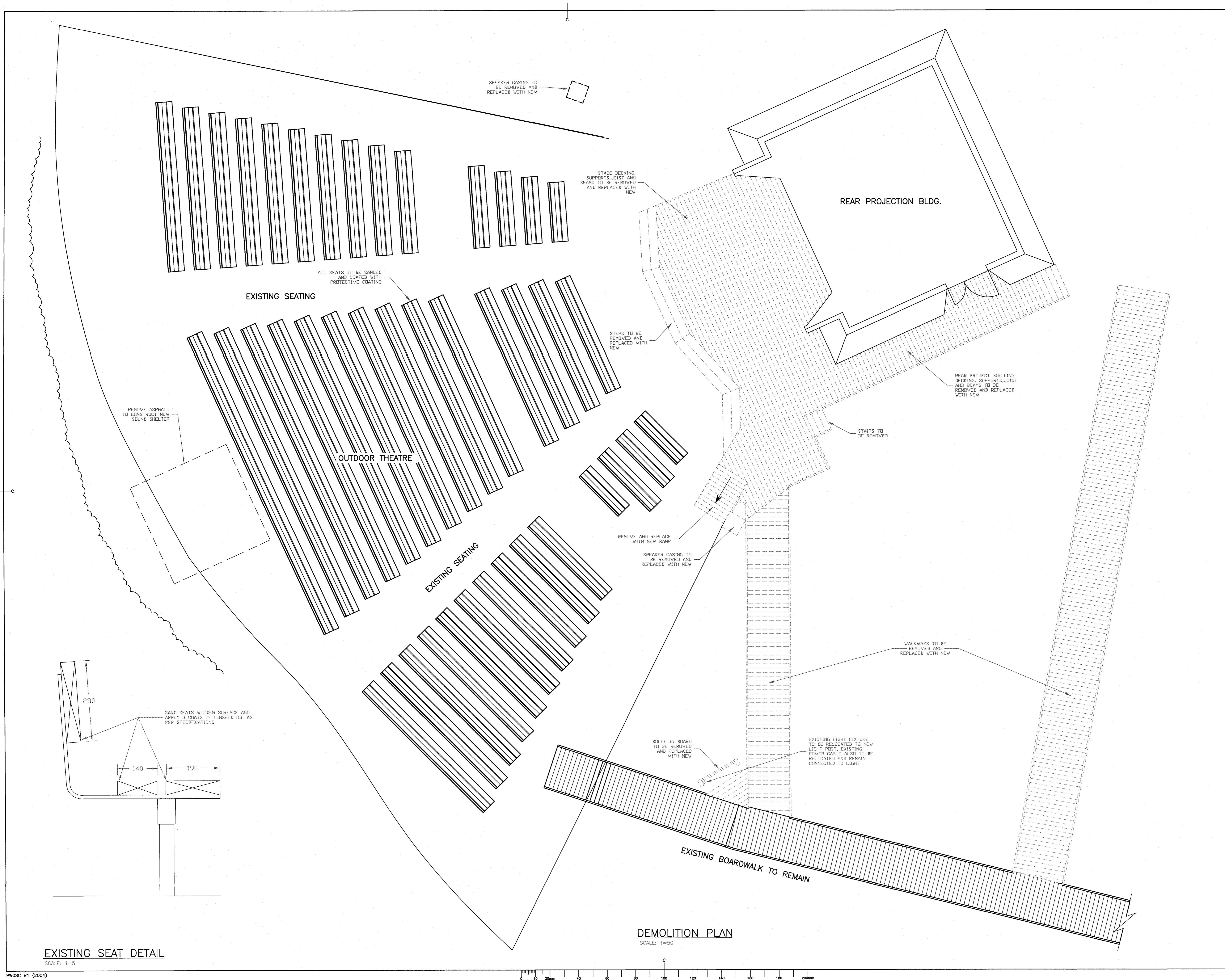



CECON No. 17401

ELECTRICAL/MECHANICAL



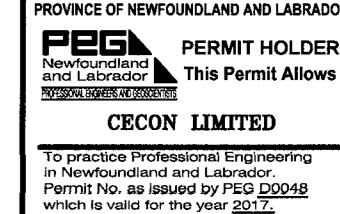
Canada





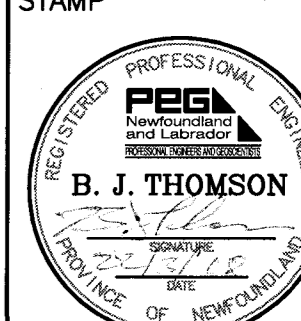
Parks CanadaParcs Canada

PERMIT




PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
CECON LIMITED
To perform Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG 2016
which is valid for the year 2017.

STAMP



PROFESSIONAL ENGINEER
PEGA
B. J. THOMSON
PROVINCE OF NEWFOUNDLAND

PRIME CONSULTANT



CECON
CENTRAL ENGINEERING CONSULTANTS OF NEWFOUNDLAND LIMITED
www.cecon.ca
93 EDINBURGH AVE. GARDNER, NL
CECON PROJECT No. 17401

B	ISSUED FOR TENDER	16.03.18
A	ISSUED FOR 99% REVIEW	25.01.18
revisions		date
project		project

NEWMAN SOUND
KITCHEN SHELTER
AND OUTDOOR
THEATRE UPGRADES

TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL.

drawing

design

designed

conqu

date

drawn

g. Paul / J. Clark

date

SEPT. 2017

approved

date

Tender

Submission

PWGSC Project Manager

Administrateur de projets TPSCG

project number

no. du projet

PCA No. 457

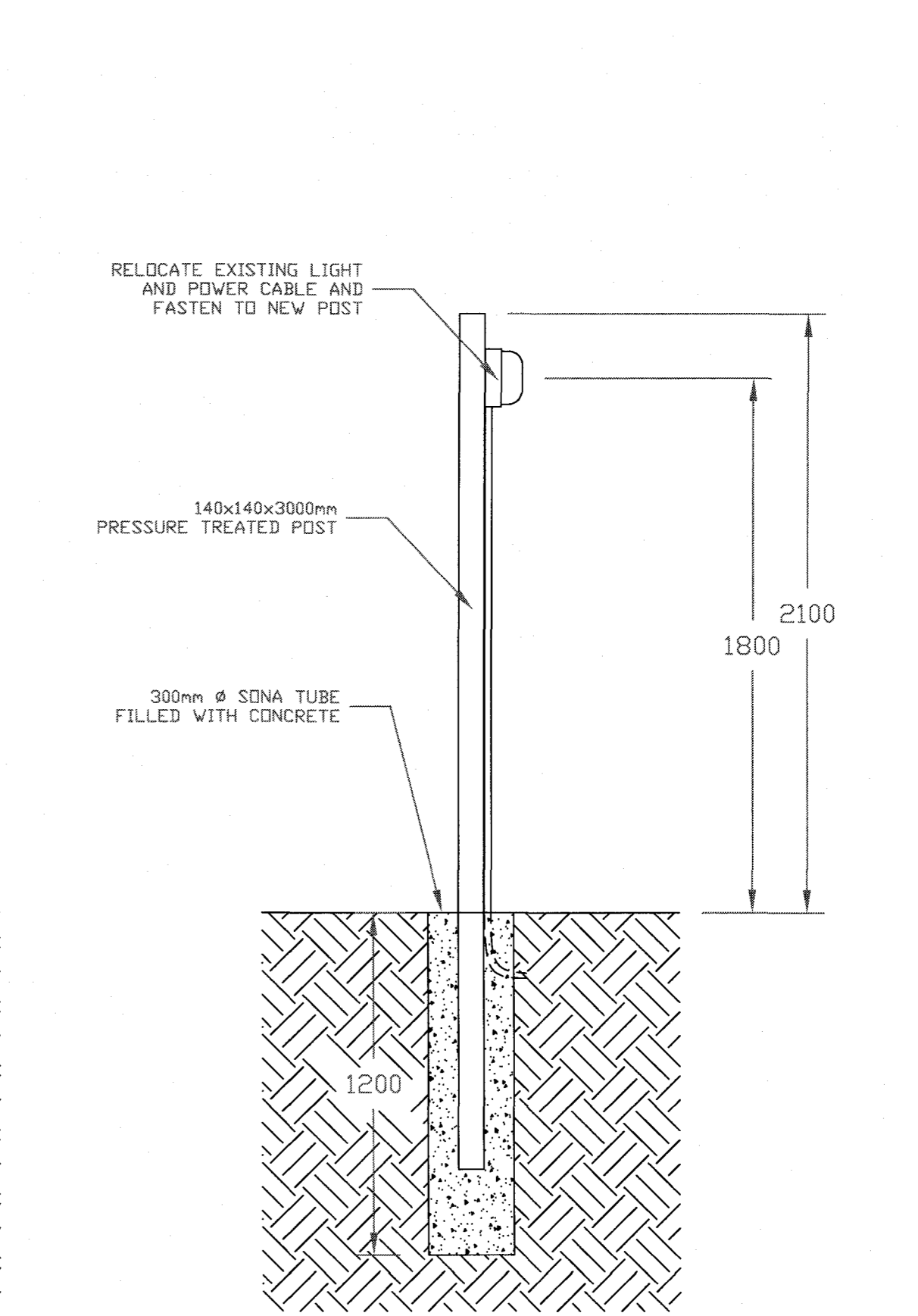
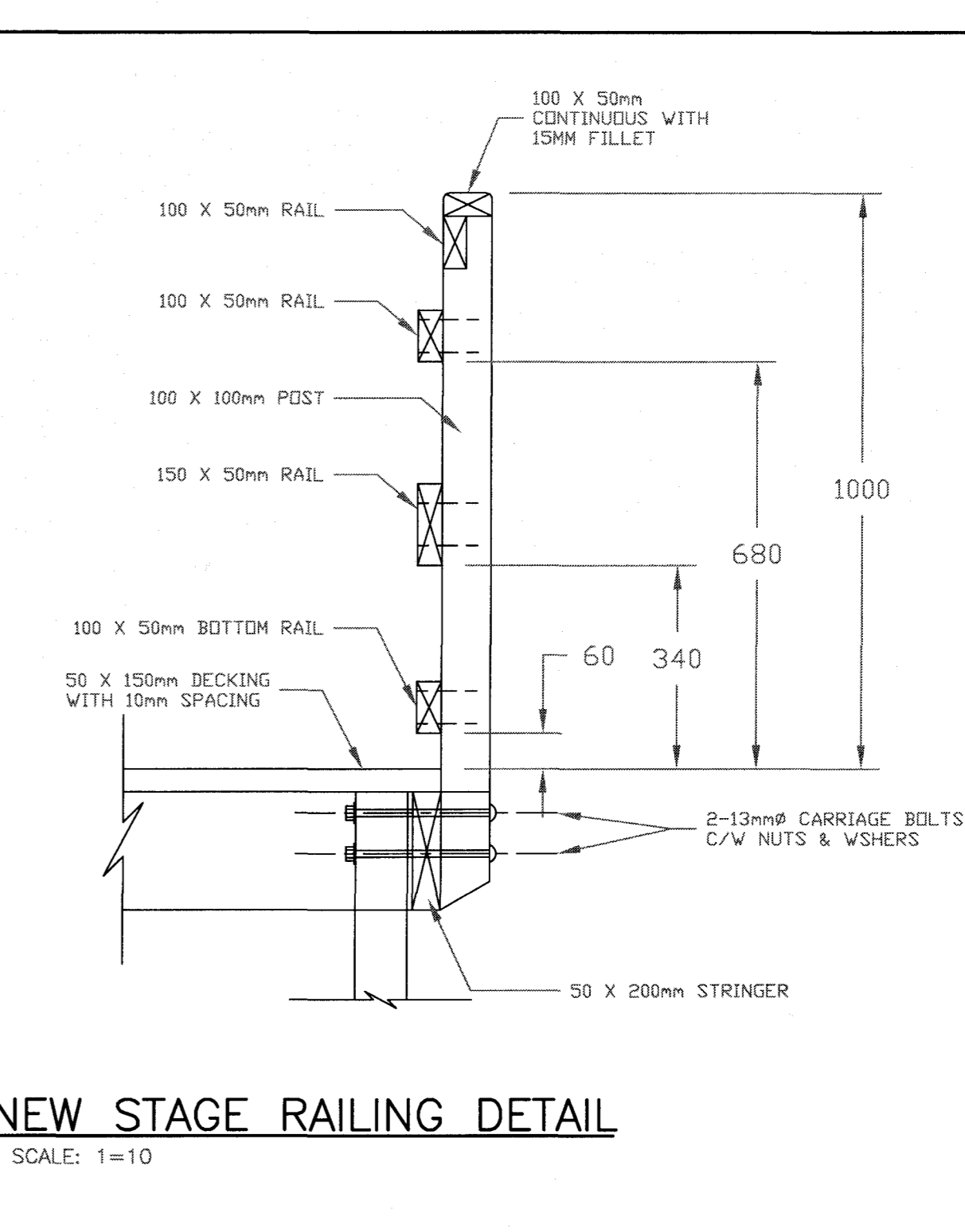
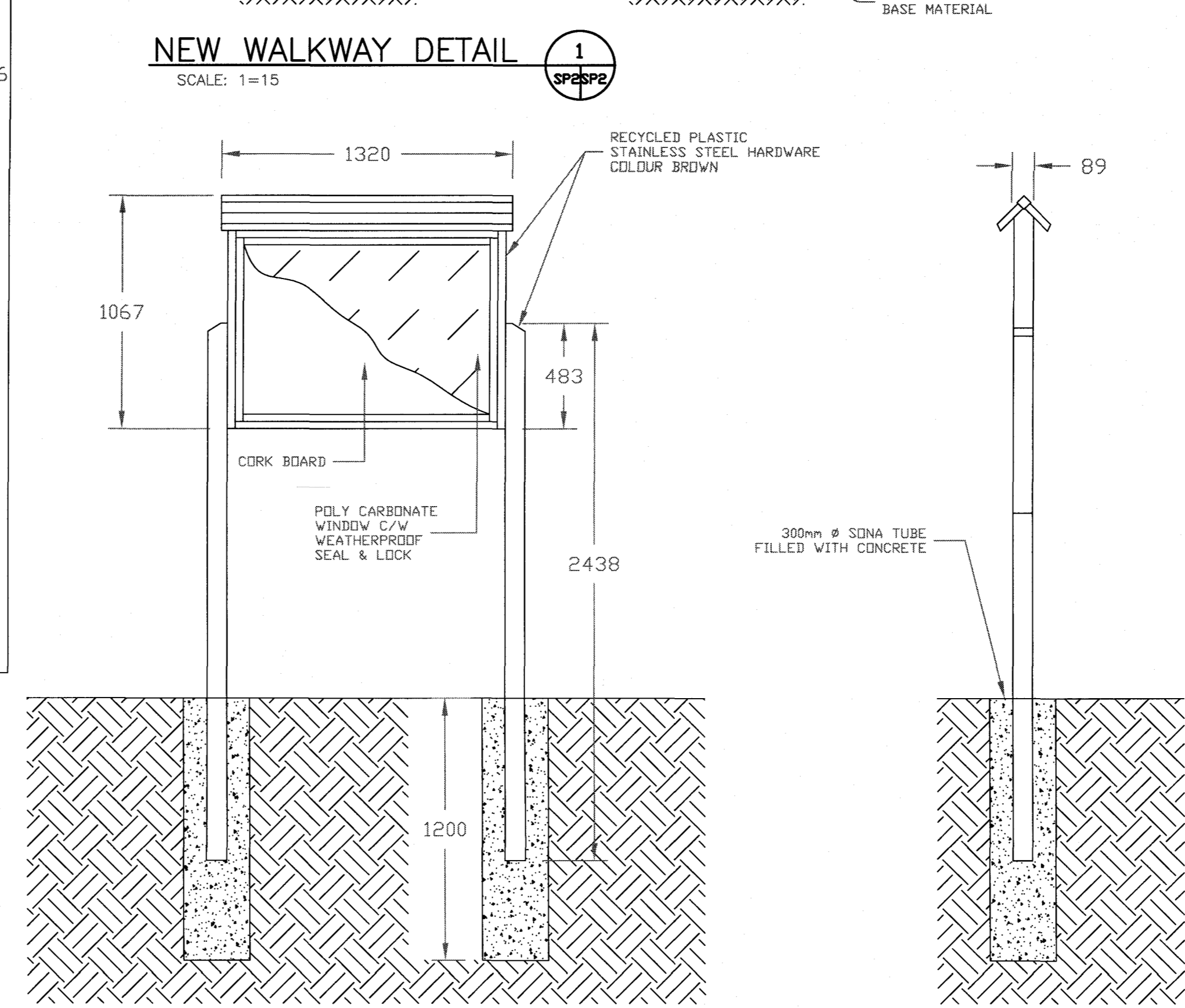
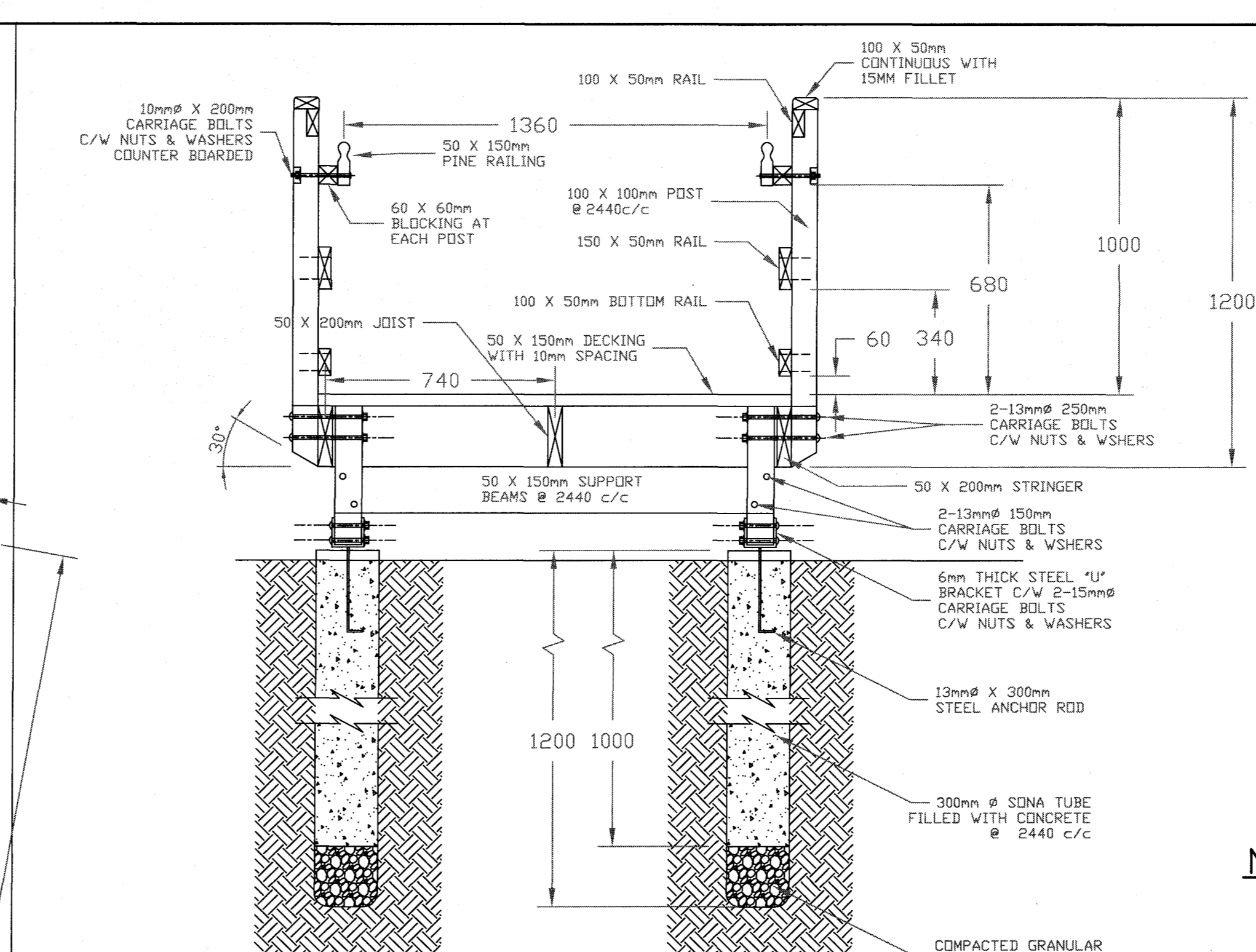
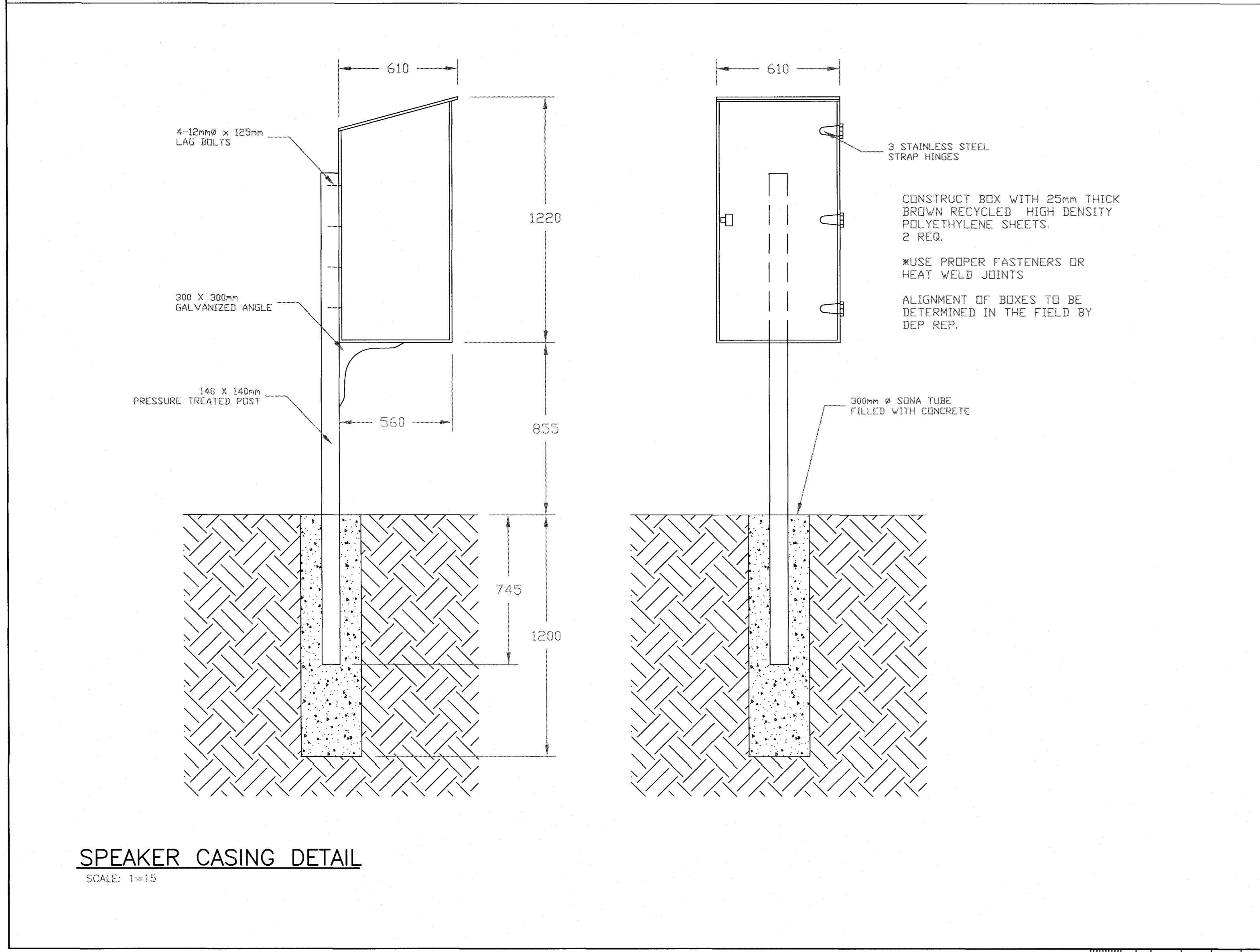
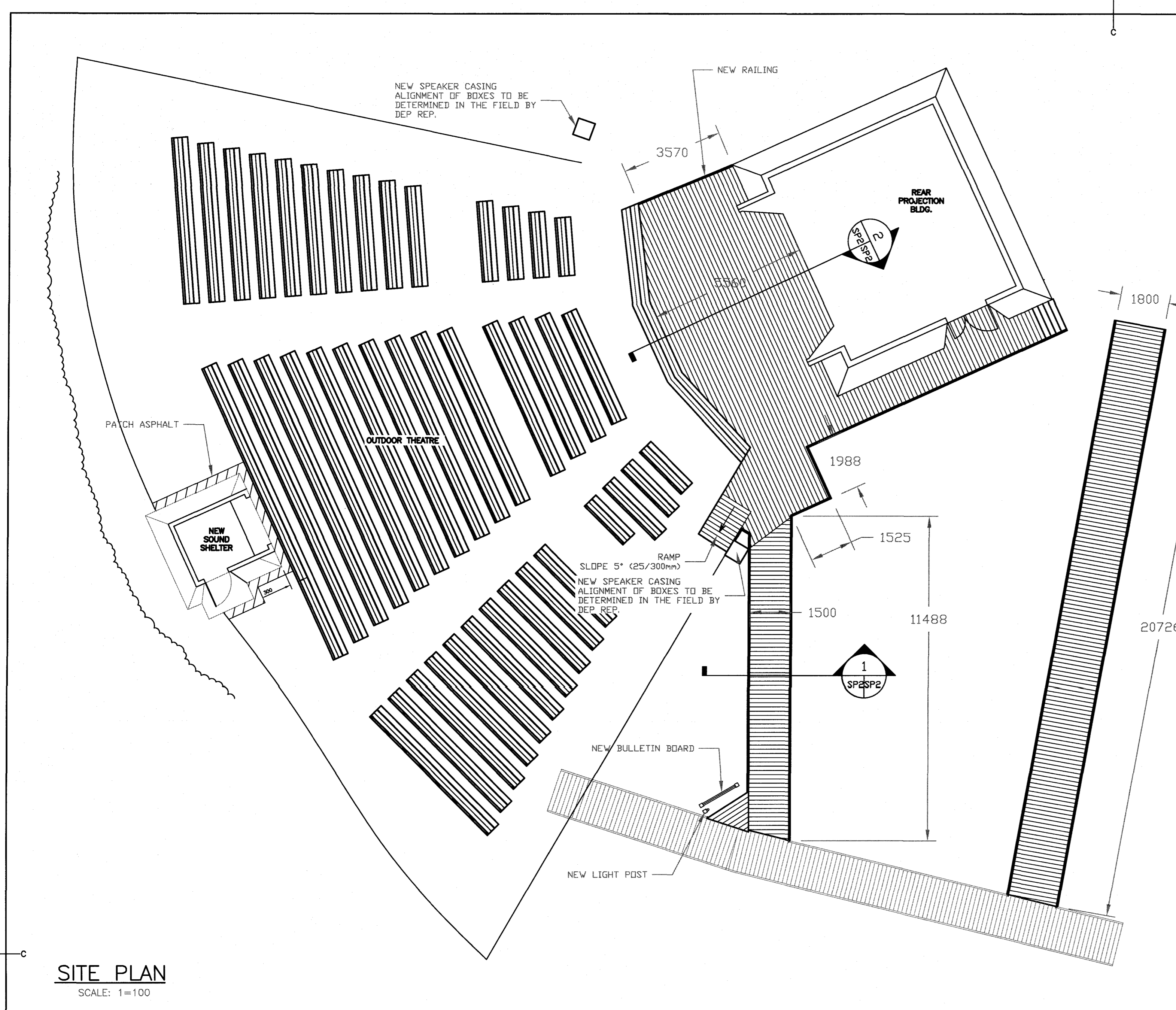
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no. du dessin

SP1 of 2

E-DRM/GDO-E

PWGSC B1 (2004)



NOTE:
THE ONLY GROUND ACCESS TO THE SITE IS VIA AN EXISTING TRAIL / BOARDWALK SYSTEM COUPLED WITH A PEDESTRIAN BRIDGE - THE LIVE LOAD FOR THE PEDESTRIAN BRIDGE IS 63 POUNDS PER SQUARE FOOT (307.6kg PER SQUARE METRE). FOR THE INFORMATION OF CONTRACTORS BIDDING ON THIS PROJECT THE LAST CONTRACTOR THAT WORKED IN THIS AREA HAD TO AIR LIFT EQUIPMENT IN AND OUT OF THE SITE, PLEASE TAKE THIS INTO ACCOUNT IN YOUR TENDER.

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CECON PROJECT No. 17401

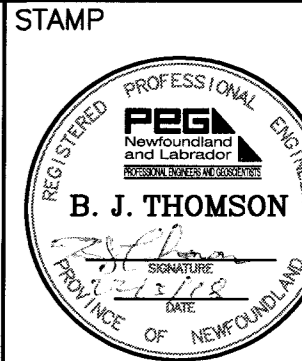
B	ISSUED FOR TENDER	16.03.18
A	ISSUED FOR 99% REVIEW	25.01.18
revisions		date
project	project	
<p>NEWMAN SOUND KITCHEN SHELTER AND OUTDOOR THEATRE UPGRADES TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL.</p>		
drawing	design	
<p>OUTDOOR THEATRE NEW SITE PLAN</p>		
designed	comp	
date	date	
drawn	designé	
date	date	
approved	approved	
date	date	
Tender	Soumission	
PWSC: Project Manager	Administrateur de projets: TPSC	
project number	no. du projet	
<p>PCA No. 457</p>		
drawing no.	no. du dessin	
<p>SP2 of 2</p>		

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA AND LOCAL MUNICIPAL REGULATIONS.
2. CONCRETE COMPRESSIVE STRENGTH TO EXPOSURE CLASSIFICATION F-2/4 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
3. ALL BAR BENDING, PLACING & DETAILING TO BE IN ACCORDANCE WITH ACI 312-80 MANUAL FOR DETAILING R.C. STRUCTURES.
4. REINFORCING STEEL TO BE DEFORMED BAR TYPE WITH 400 MPa MIN. YIELD STRENGTH.
5. CONCRETE COVER TO REINFORCING : 38mm BOTTOM OF FOOTING : 75mm BOTTOM OF SLAB : 50mm
6. LAP REINFORCING 10 BAR DIAMETERS. 300mm MINIMUM.
7. DO CONCRETE WORK TO A23.1M AND TESTING TO A23.2M.
8. ASPHALT TO BE REMOVED IN AREA OF NEW EXTENSION.

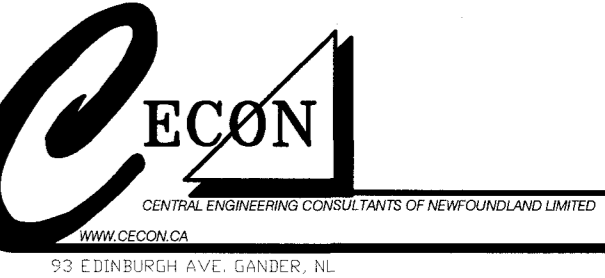
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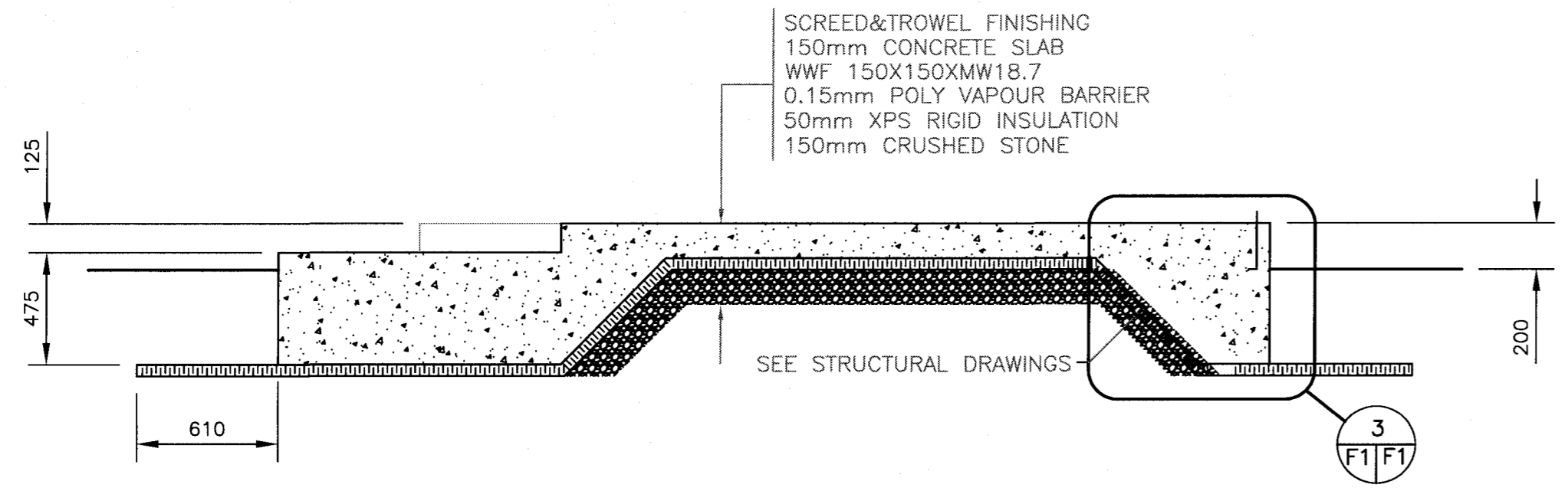
CECON PROJECT No. 17401

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

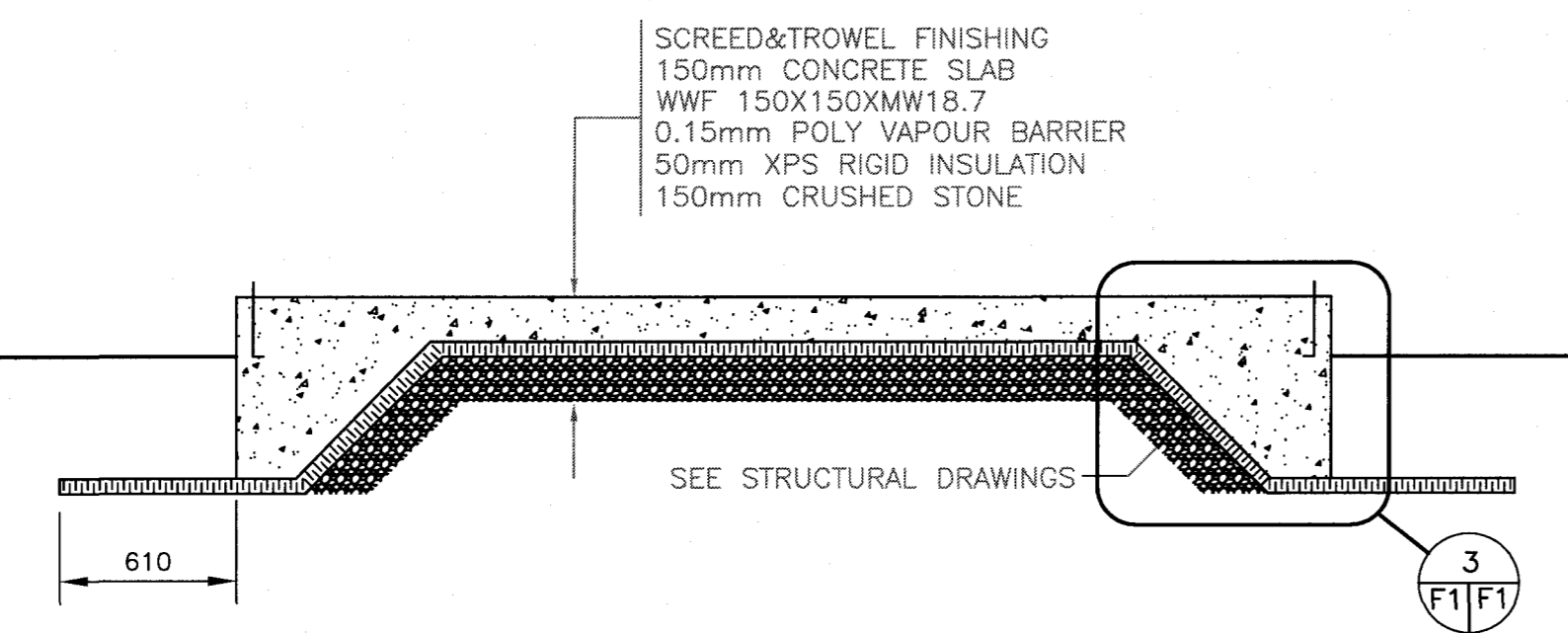
drawing dessin

OUTDOOR THEATRE SOUND SHELTER FOUNDATION PLAN

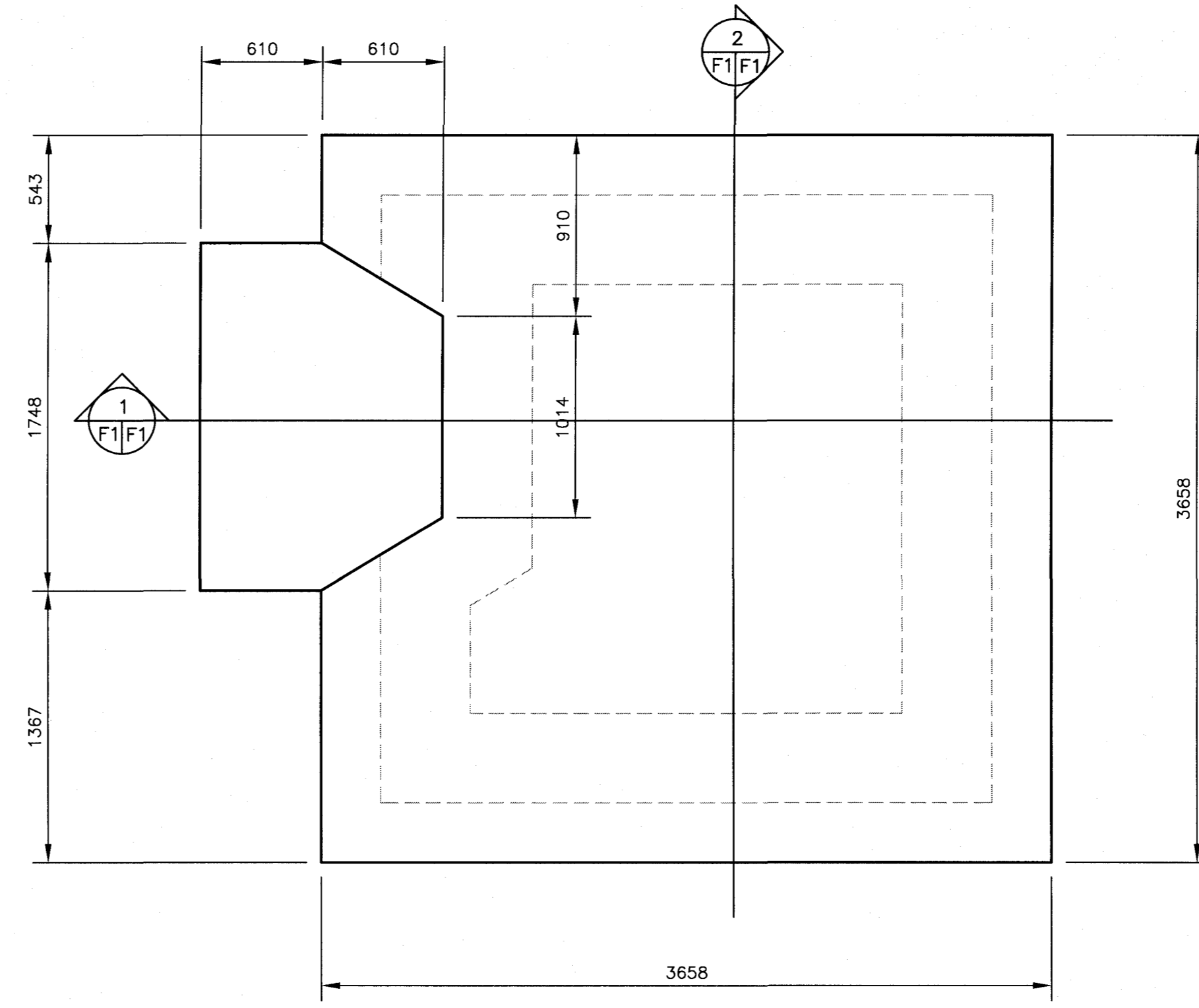
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date	
drawn	dessiné
date	SEPT. 2017
approved	approuvé
date	
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSCG
project number	no. du projet
PCA No. 457	
drawing no.	no. du dessin
F1 OF 1	



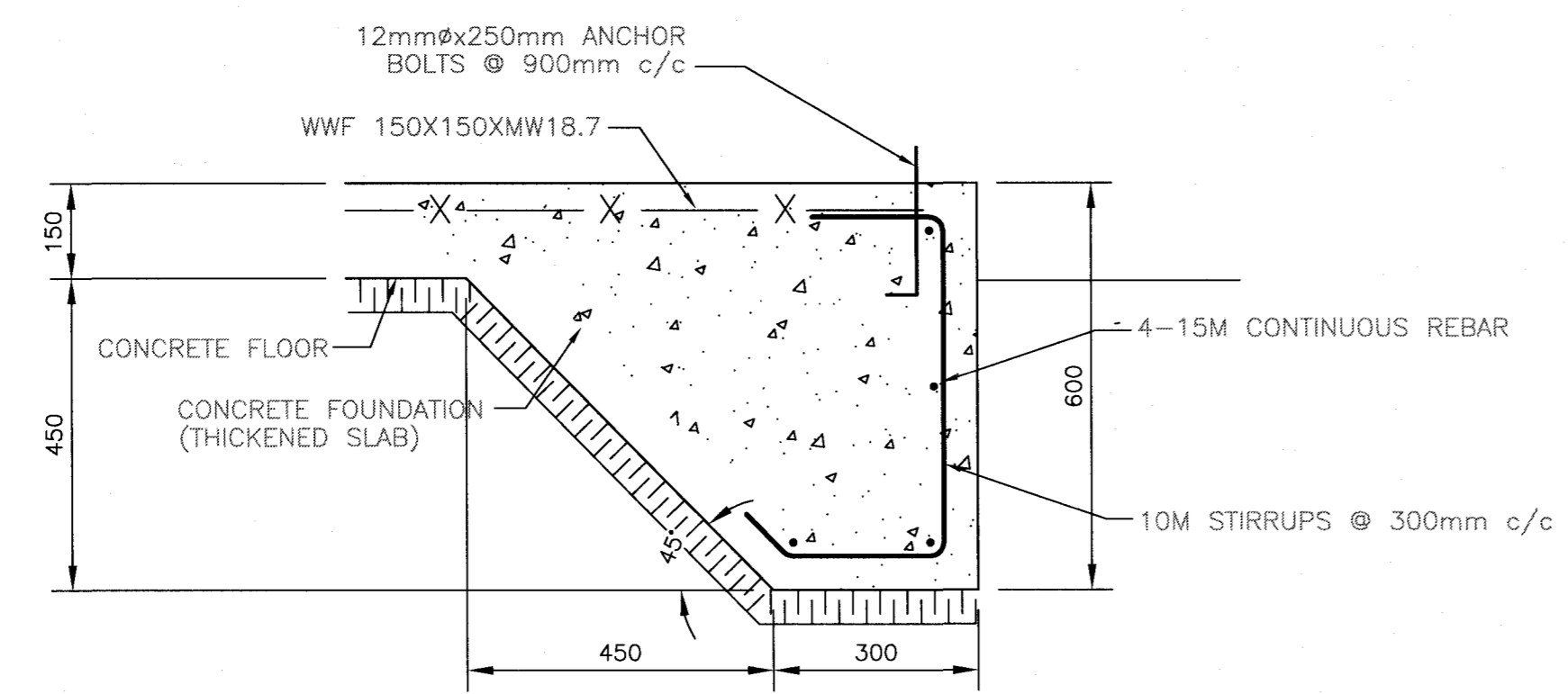
BUILDING SECTION 1
SCALE - 1:25



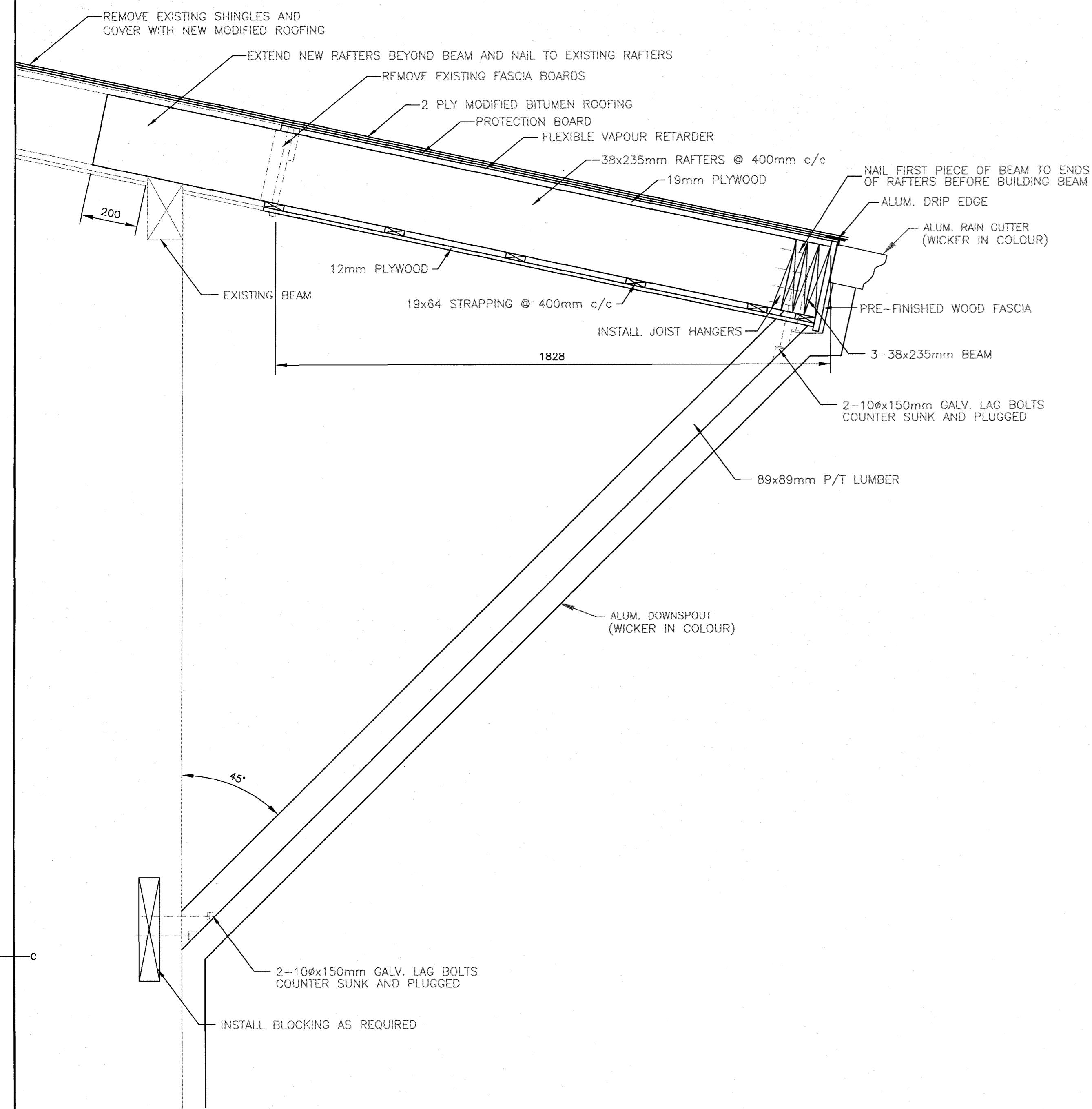
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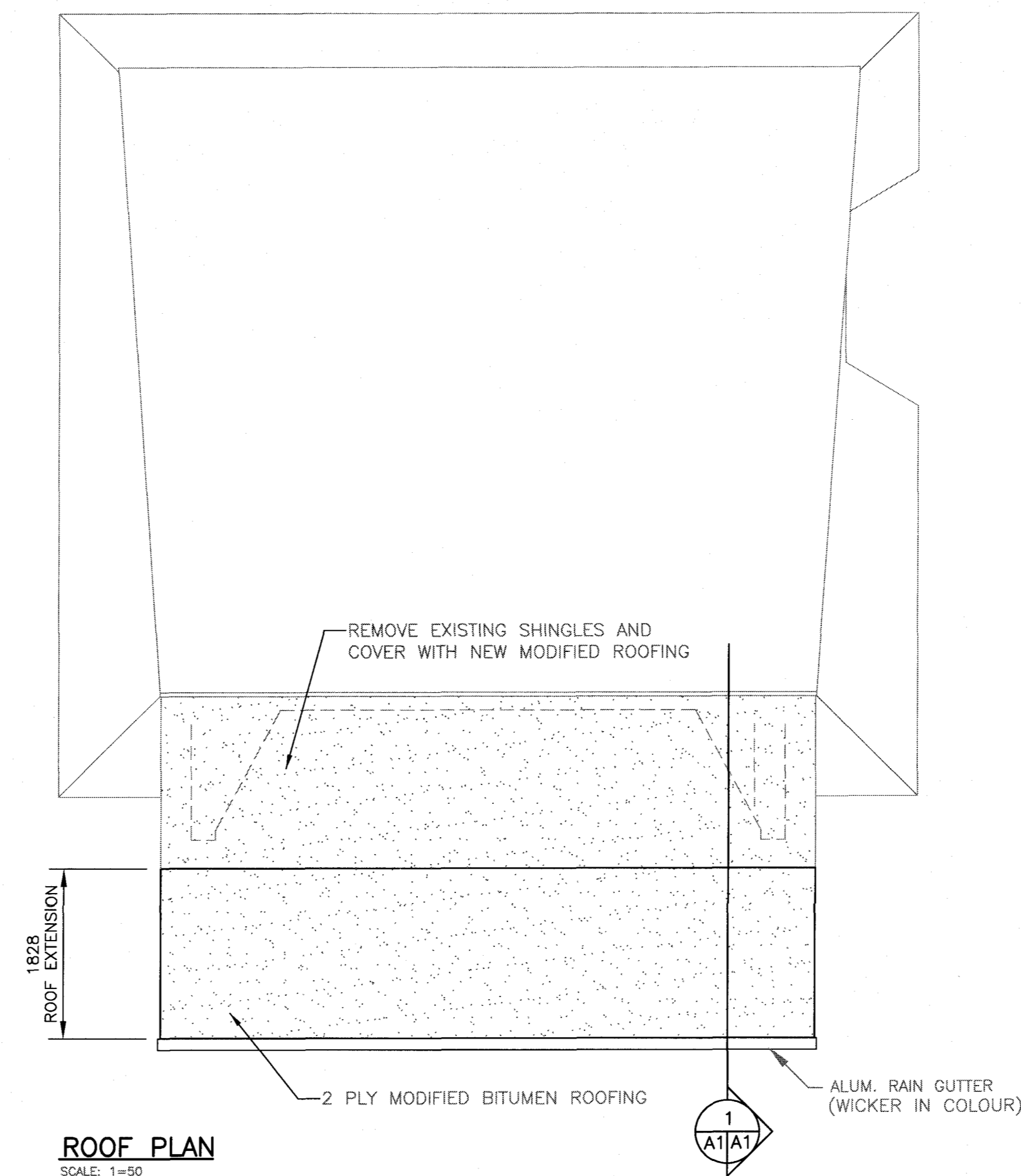
FLOOR SLAB LAYOUT
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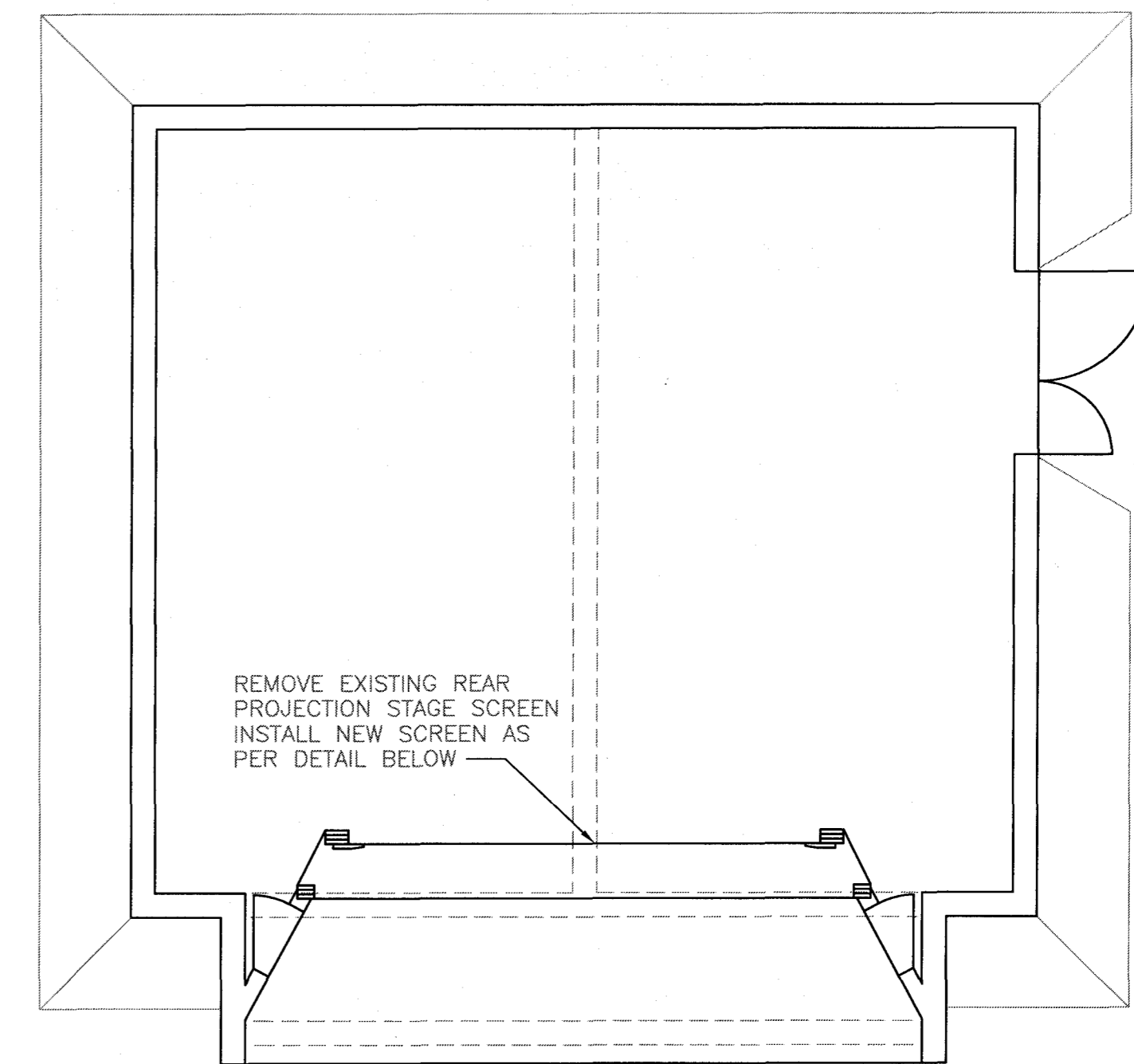
SLAB EDGE DETAIL 3
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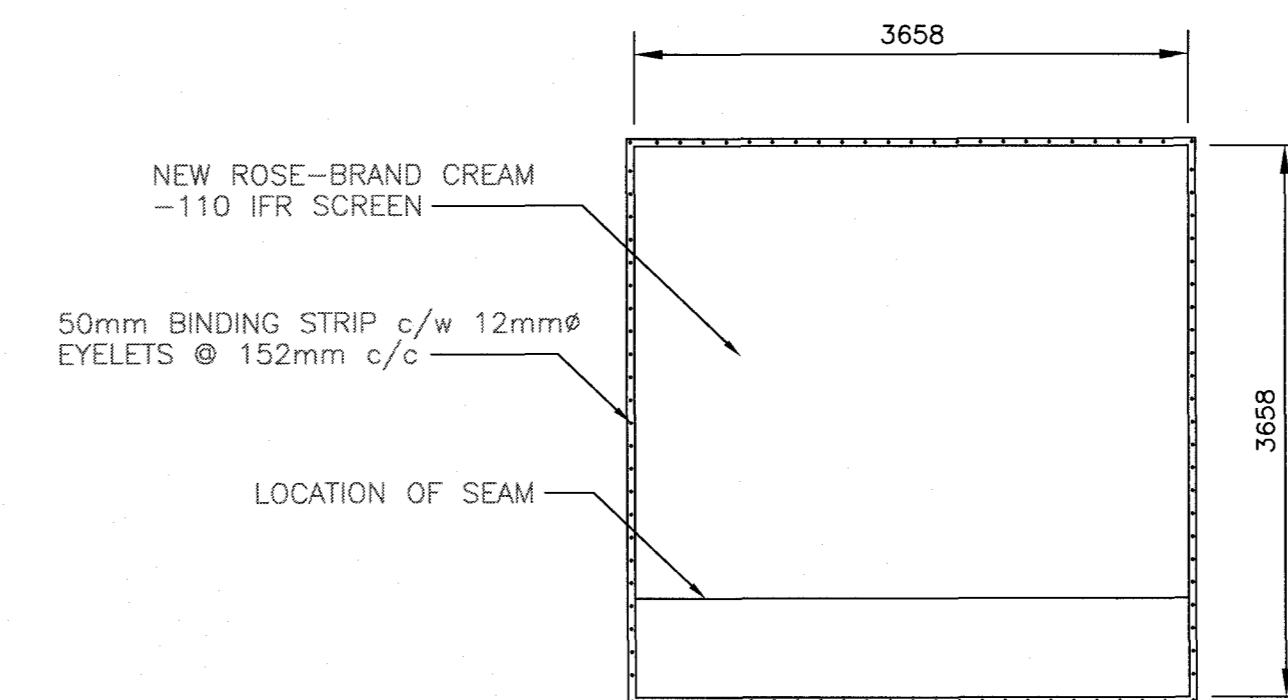
SOFFIT DETAIL
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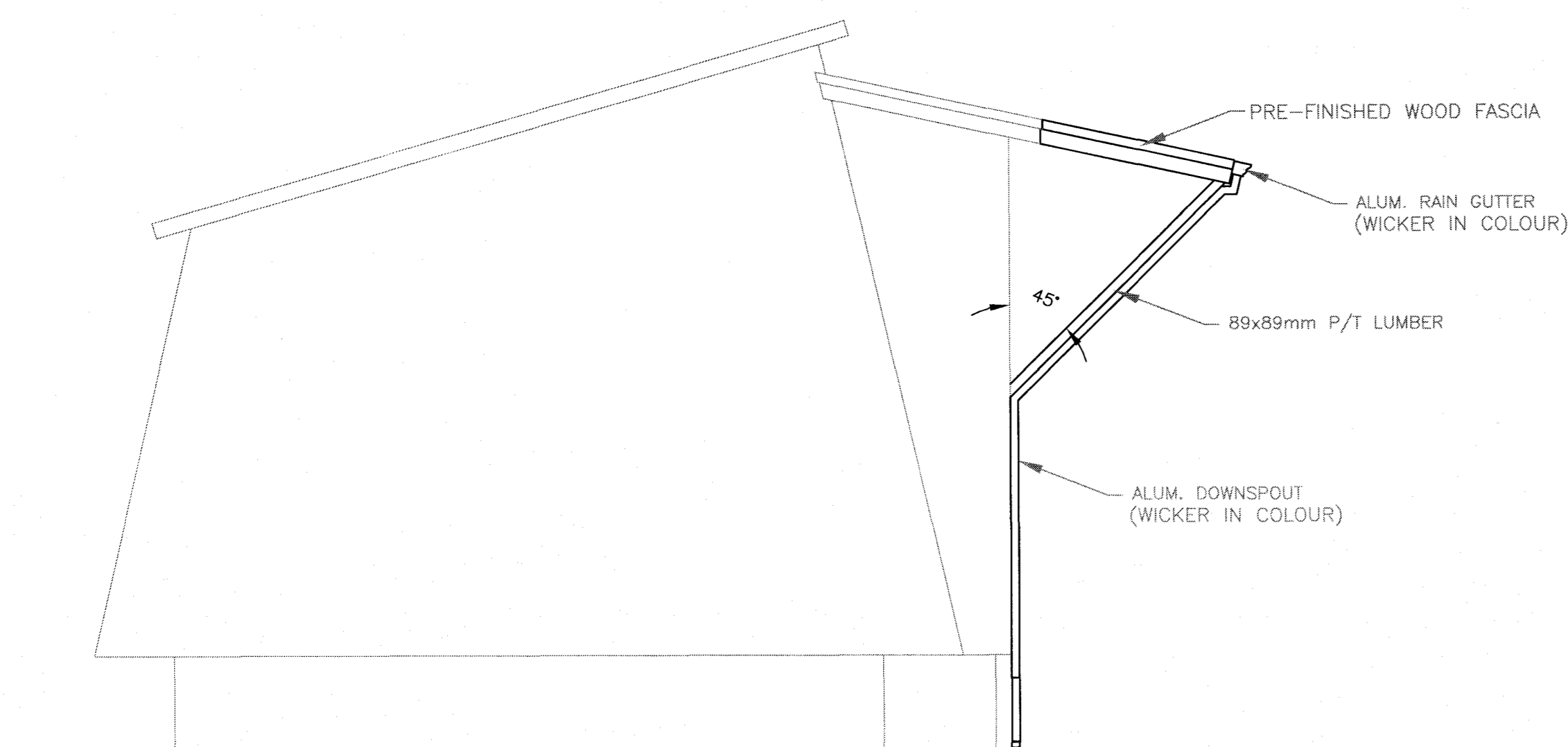
ROOF PLAN
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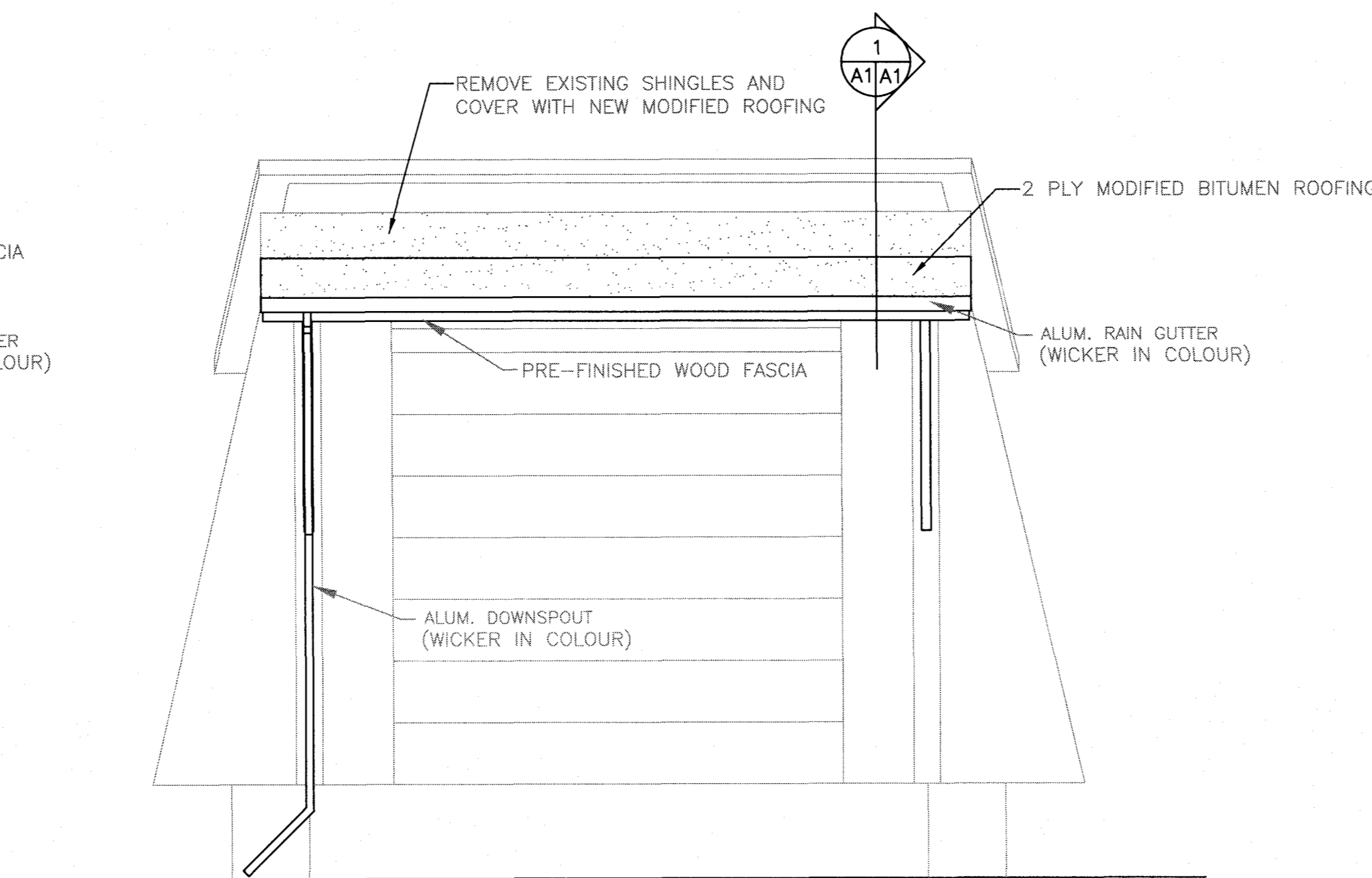
FLOOR PLAN
SCALE: 1=50



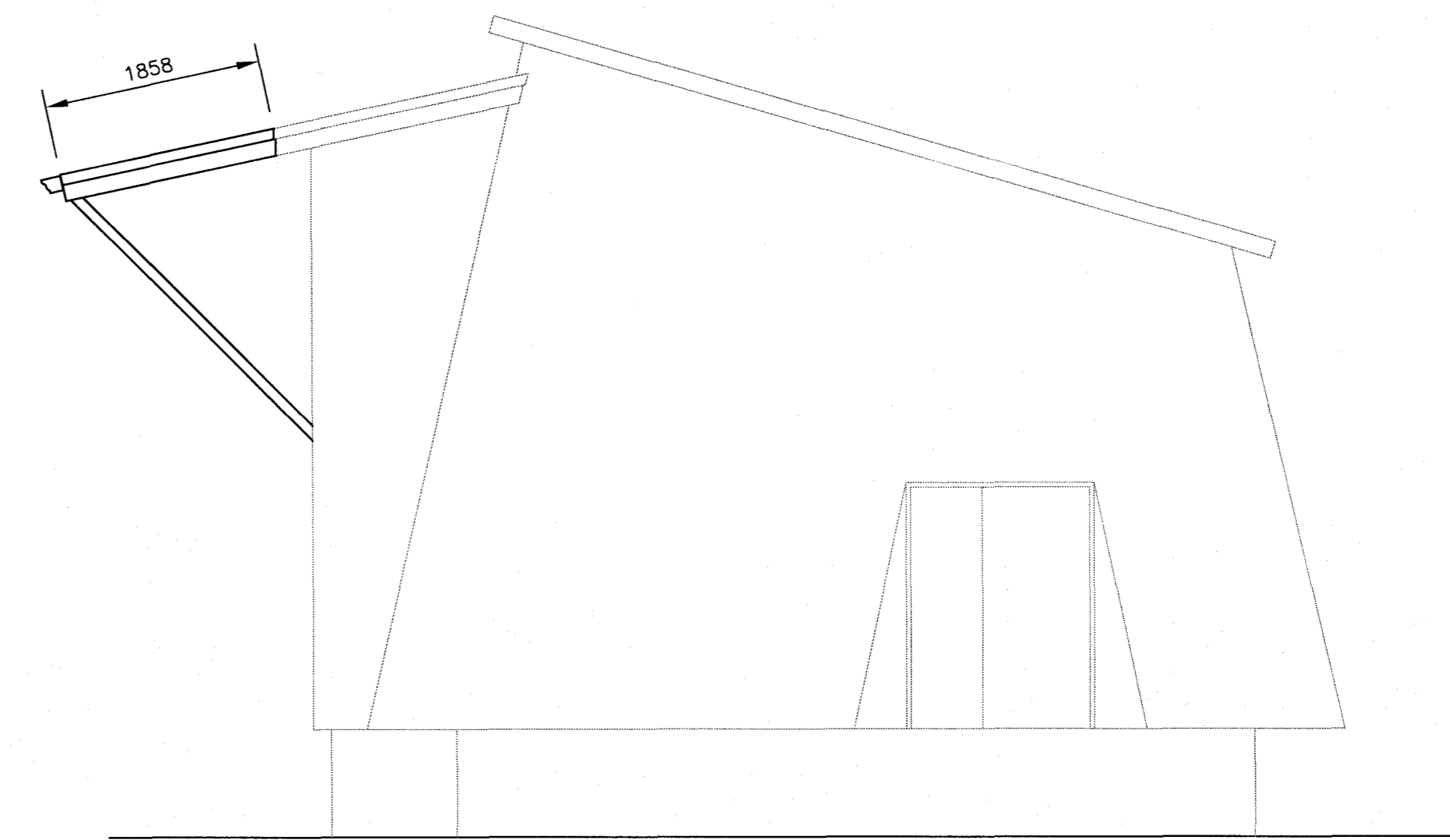
REAR PROJECTION SCREEN
SCALE: 1=50



LEFT SIDE ELEVATION
SCALE: 1=50



FRONT ELEVATION
SCALE: 1=50

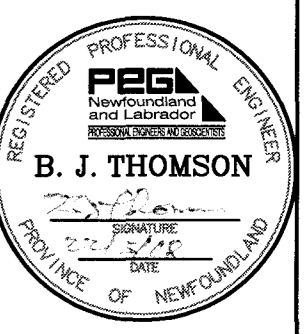


RIGHT SIDE ELEVATION
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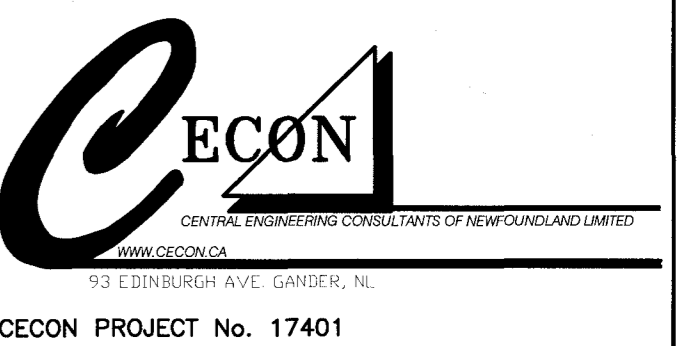
PERMIT



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CECON PROJECT No. 17401

B	ISSUED FOR TENDER	16.03.18
A	ISSUED FOR 99% REVIEW	25.01.18
revisions	date	

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

drawing
desain

OUTDOOR THEATRE
REAR PROJECTION
BUILDING MODIFICATIONS

designed	conçu
date	
drawn	dessiné
date	
approved	approuvé
date	
Tender	Soumission

PWGC Project Manager Administrateur de projet TPSGC
project number no. du projet

PCA No. 457

drawing no. no. du dessin

A1 of 2

-NOTES-
1. ALL DOORS SHALL HAVE DOOR HARDWARE THAT CONFORMS TO SECTION 18(3) OF THE BUILDINGS ACCESSIBILITY REGULATIONS
- ACCEPTABLE HARDWARE HAVE BEEN LEVER HANDLES, THUMB LATCHES, OR A DOOR WITH A PUSH/PULL ARRANGEMENT.

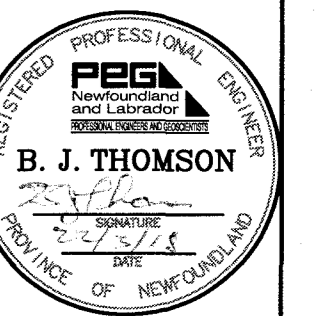
-LEGEND-
CONC CONCRETE
PLY G1S PLYWOOD, 12mm
PT PAINT
HMD HOLLOW METAL DOOR
PSF PRESSED STEEL FRAME
GALV GALVANIZED STEEL
WD WOOD
PF PRE-FINISHED

PERMIT

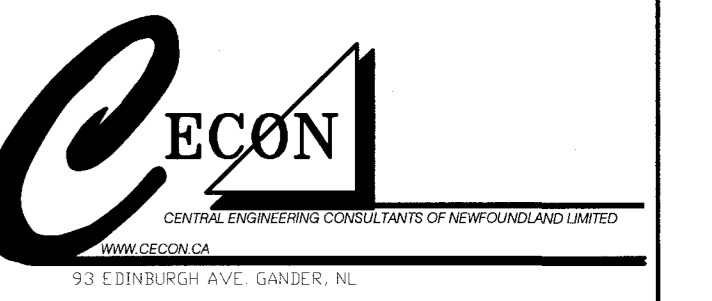


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CECON PROJECT No. 17401

B ISSUED FOR TENDER 16.03.18

A ISSUED FOR 99% REVIEW 25.01.18

revisions date

project

NEWMAN SOUND KITCHEN SHELTER AND OUTDOOR THEATRE UPGRADES

TERRA NOVA NATIONAL PARK, GLOVERTOWN, NL

drawing design

OUTDOOR THEATRE SOUND SHELTER PLAN, ELEVATIONS AND DETAILS

designated comp

date

drawn *Tom Clark* design

date SEPT. 2017

approved approved

Tender Soumission

PWGSC Project Manager Administrateur de projets TPSCG

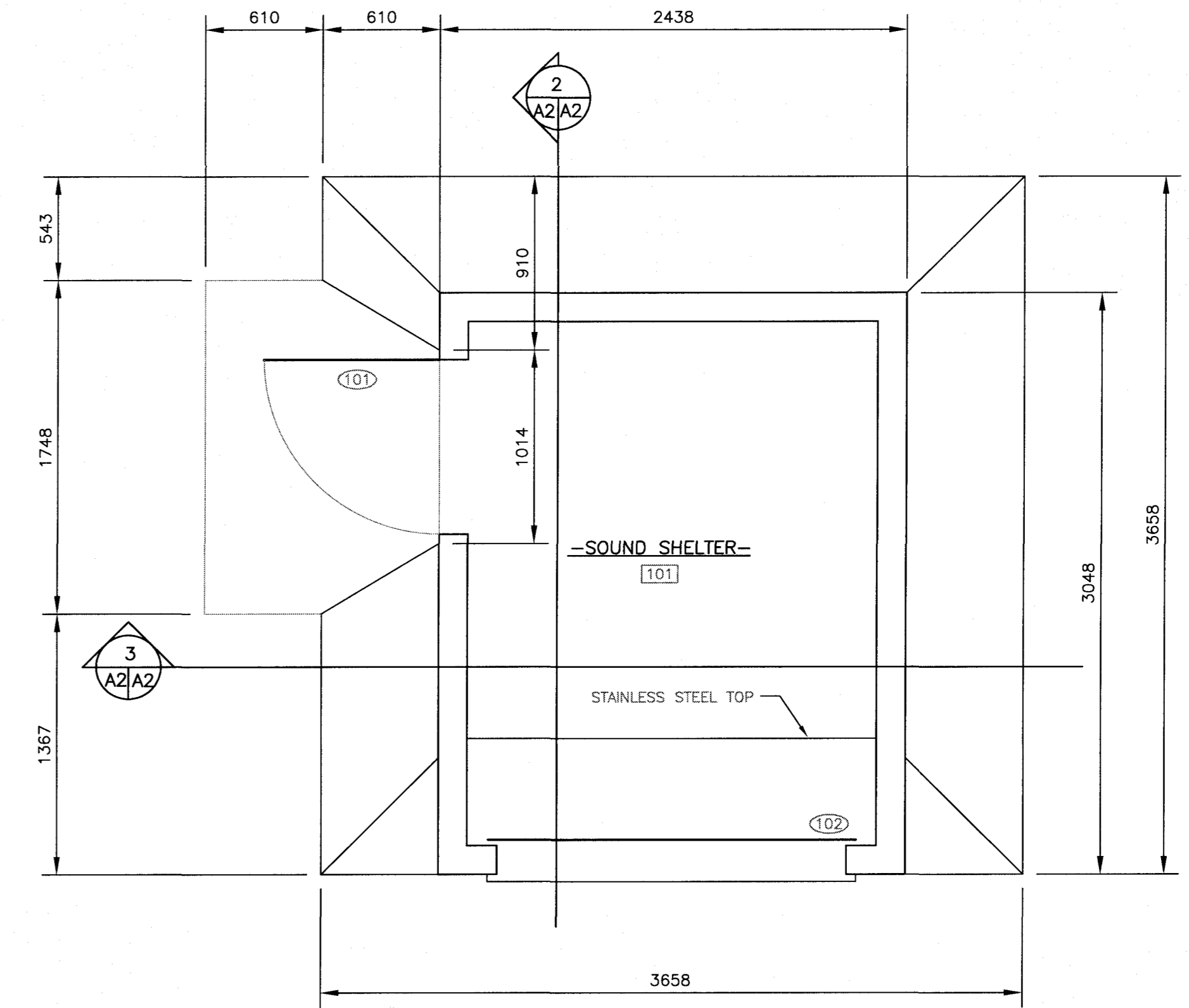
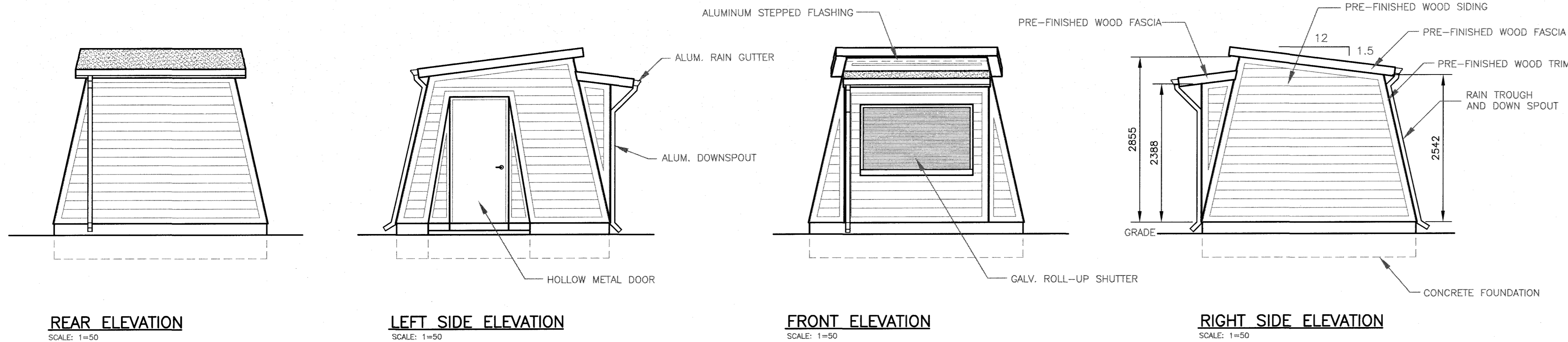
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PCA No. 457

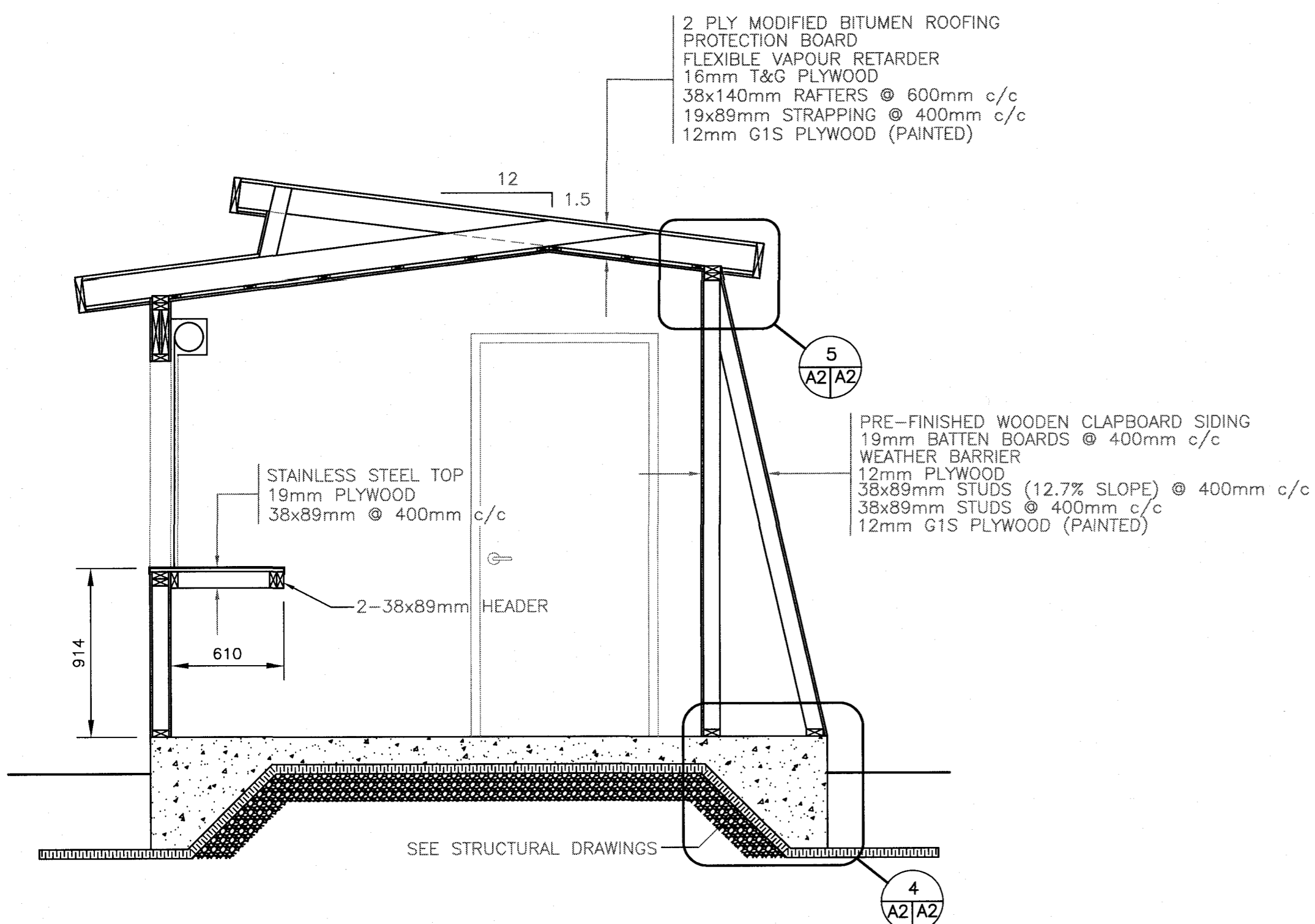
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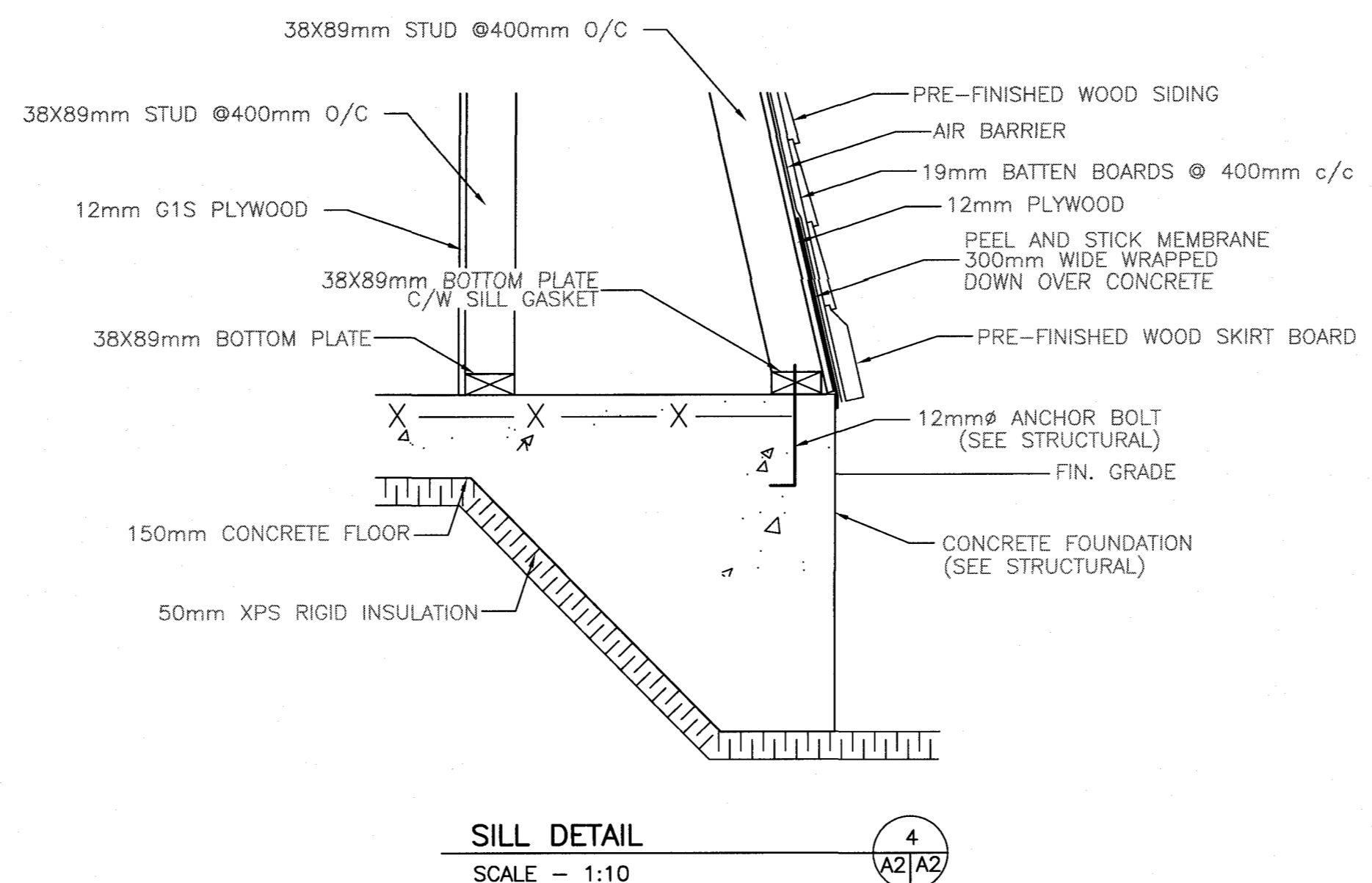
E-DRM/GDD-E



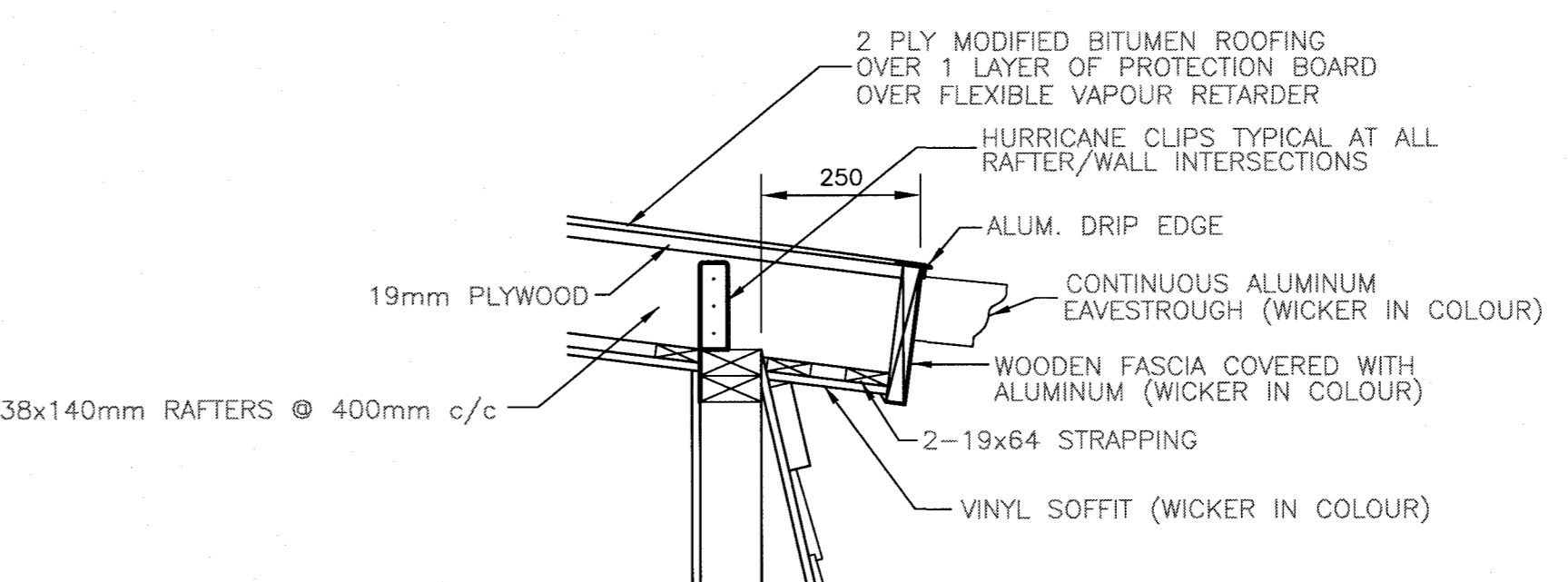
FLOOR PLAN
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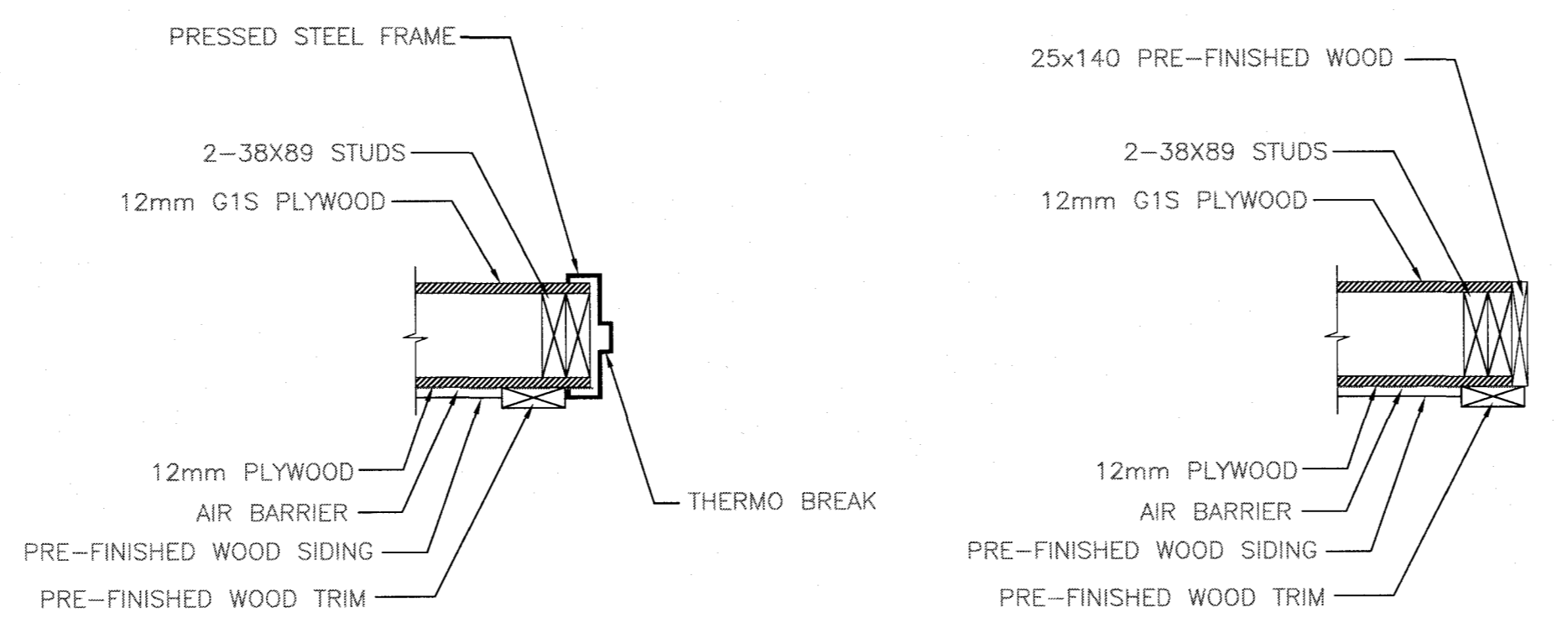
BUILDING SECTION
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SILL DETAIL
SCALE - 1:10



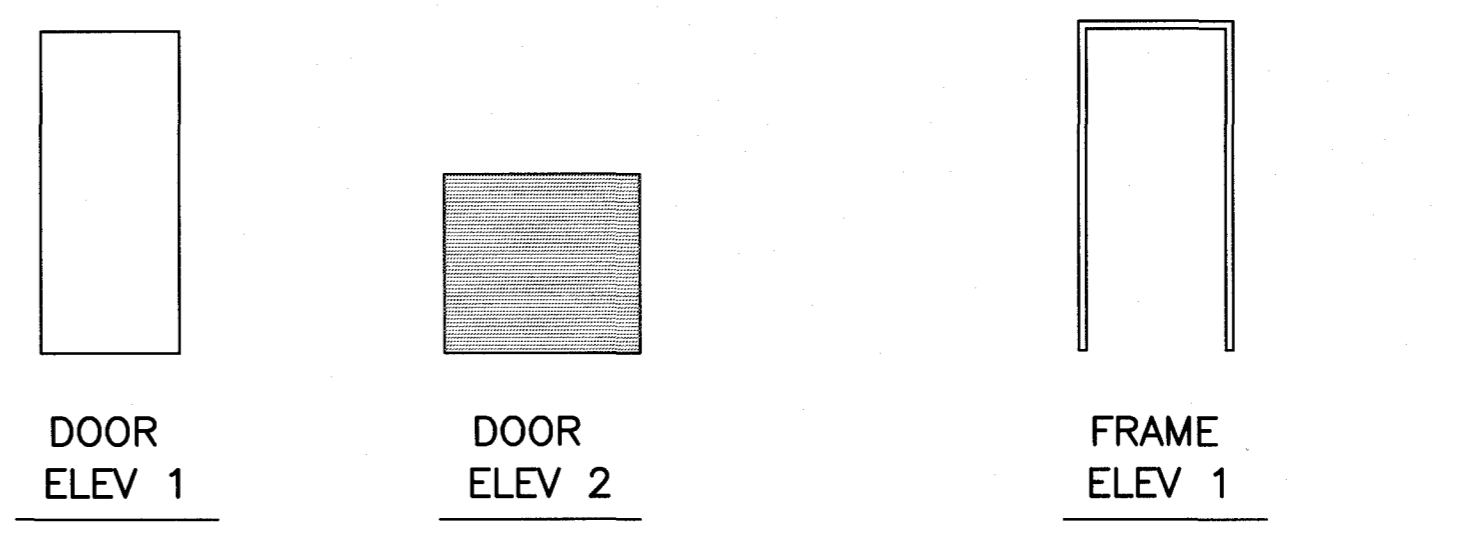
SOFFIT DETAIL
SCALE - 1:10



EXTERIOR JAMB TYPE 1

EXTERIOR JAMB TYPE 2

- JAMB DETAILS -



- DOOR ELEVATIONS - - FRAME ELEVATIONS -

ROOM FINISH SCHEDULE																		
ROOM NAME	ROOM No.	FLOOR		BASE			WALLS								CEILING			REMARKS
							NORTH		SOUTH		EAST		WEST					
		MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
SOUND SHELTER	101	CONC.	SCREED	—	—		PLY	PT	PLY	PT	PLY	PT	PLY	PT	PLY	PT	VARIES	

DOOR SCHEDULE													
DOOR No.	LOCATION	FROM	TO	SIZE			DOOR			FRAME			REMARKS
				QUANT	WIDTH	HEIGHT	ELEV	MAT	FIN	DETAIL	MAT	FIN	
101	101	EXT	1	914	2134	45	1	HM	PT	1	PSF	PT	
102	101	EXT	1	1829	1067	-	2	GALV	-	2	WD	PT	

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

**OUTDOOR
THEATRE UPGRADES
NEWMAN SOUND**
TERRA NOVA NATIONAL PARK GLOVERTOWN NL

designed	K.N.	concp
date	DECEMBER 2017	
drawn	D.R.	dessinf
date	DECEMBER 2017	
approved	TRE UPGRADES	approuv
date		
Tender		Submission
PWOSC Project Manager	Administrateur de projets TPSCG	
project number		no. du projet
	PCA NO. 457	
drawing no.		no. du dessin
	E1	

LEGEND

LIGHTING

- A** INCANDESCENT/HID/LED/COMPACT FLUORESCENT LIGHTING FIXTURE, CEILING MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- HA** 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_{a,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.
- D** INCANDESCENT/LED DIMMER TO SUIT LIGHTING FIXTURE BEING DIMMED. RATED 120 VOLT, SPECIFICATION GRADE C/W COVERPLATE. MOUNT 1200mm ABOVE FINISHED FLOOR.

EMERGENCY/EXIT LIGHTING

- E** EMERGENCY LIGHTING BATTERY UNIT "LUMACELL" #RG12S200-2LD7 OR EQUAL. 120 VOLT AC, 12 VOLT DC. BATTERY TO WALL MOUNT 2400mm. ABOVE FINISHED FLOOR. BE RATED FOR 200 WATTS (66W FOR 90 MINUTES MINIMUM) C/W TWO 4W MR-16 LED HEADS & COME WITH A 10 YEAR RATED LIFE MINIMUM. #1 INDICATES BATTERY PACK DESIGNATION.
- E** REMOTE HEAD "LUMACELL" #MQM2LD7 (DOUBLE) OR EQUAL. 12 VOLT, C/W 4 WATT, MR16 LED LAMPS. WALL MOUNT 2400mm. ABOVE FINISHED FLOOR. #1 INDICATES CONNECTION TO BATTERY PACK #1
- X** EXIT SIGN. "LUMACELL" LA1WU SERIES (RUNNING MAN) NRCAN/CSA COMPLIANT. UNIVERSAL MOUNT 120 VOLT AC & 12 VOLT DC, C/W 25 YEAR LED TYPE LAMPS. SEE LIGHTING FIXTURE SCHEDULE AND SPECIFICATION. ARROWS INDICATE DIRECTION OF TRAVEL. WALL MOUNT 2400mm. ABOVE FINISHED FLOOR.
- X** COMBO EXIT SIGN COMPLETE WITH TWO HEADS. "LUMACELL" LAC-1-W-1250-2-LD7 SERIES NRCAN/CSA COMPLIANT. UNIVERSAL MOUNT 120 VOLT AC & 12 VOLT DC, C/W EXIT SIGN (RUNNING MAN) AND TWO 4 WATT, MR16, 25 YEAR LED TYPE LAMPS. SELF-POWERED.

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, 15 AMP, SPECIFICATION GRADE. WHITE & C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 150mm TO CENTER ABOVE COUNTER. "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** DUPLEX U-GROUND RECEPTACLE. 120 VOLT, 20 AMP, SPECIFICATION GRADE. WHITE & C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 150mm TO CENTER ABOVE COUNTER. "WP" INDICATES WEATHERPROOF COVERPLATE.
- WP** DUPLEX U-GROUND RECEPTACLE MOUNTED IN WEATHERPROOF FLOOR BOX IN EXTERIOR STAGE FLOOR. 120 VOLT, 15 AMP, SPECIFICATION GRADE. WHITE & C/W STAINLESS STEEL COVERPLATE. "WP" INDICATES WEATHERPROOF COVERPLATE.
- DMX** NEW DMX LIGHTING CONTROL OUTLET C/W WEATHERPROOF COVERPLATE AND TYPE FD BOX. MOUNTING HEIGHTS TO MATCH EXISTING RECEPTABLES. SECURE DMX CABLE CONDUIT TO EXISTING STEEL POST. COORDINATE ON SITE.

ELECTRIC HEATING

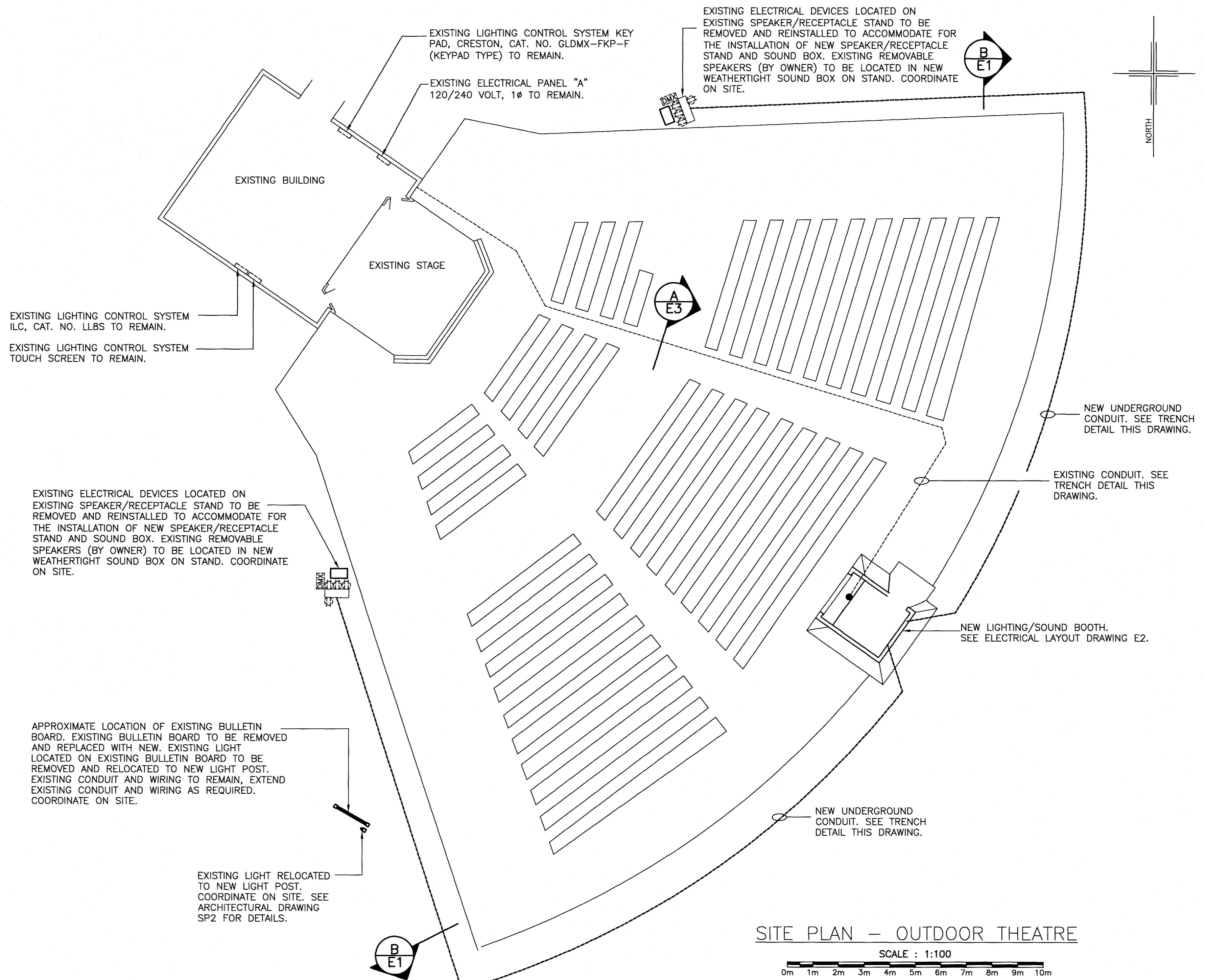
- E** ELECTRIC HEATER. SEE HEATER FIXTURE SCHEDULE AND/OR SPECIFICATION FOR DESCRIPTION.
- 1** LOW VOLTAGE ELECTRONIC THERMOSTAT C/W TAMPERPROOF COVER. QUELLET OTH24 OR APPROVED EQUAL. MOUNT 1200mm ABOVE FINISH FLOOR.

CONTROLS & MISCELLANEOUS

- D** DISCONNECT SWITCH SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION UNLESS NOTED OTHERWISE, EEMAC 2 (SPRINKLER PROOF) FOR INTERIOR AND EEMAC 4X FOR EXTERIOR.
- M** ELECTRIC MOTOR. SUPPLIED BY MECHANICAL DIVISION, WIRED BY ELECTRICAL DIVISION.

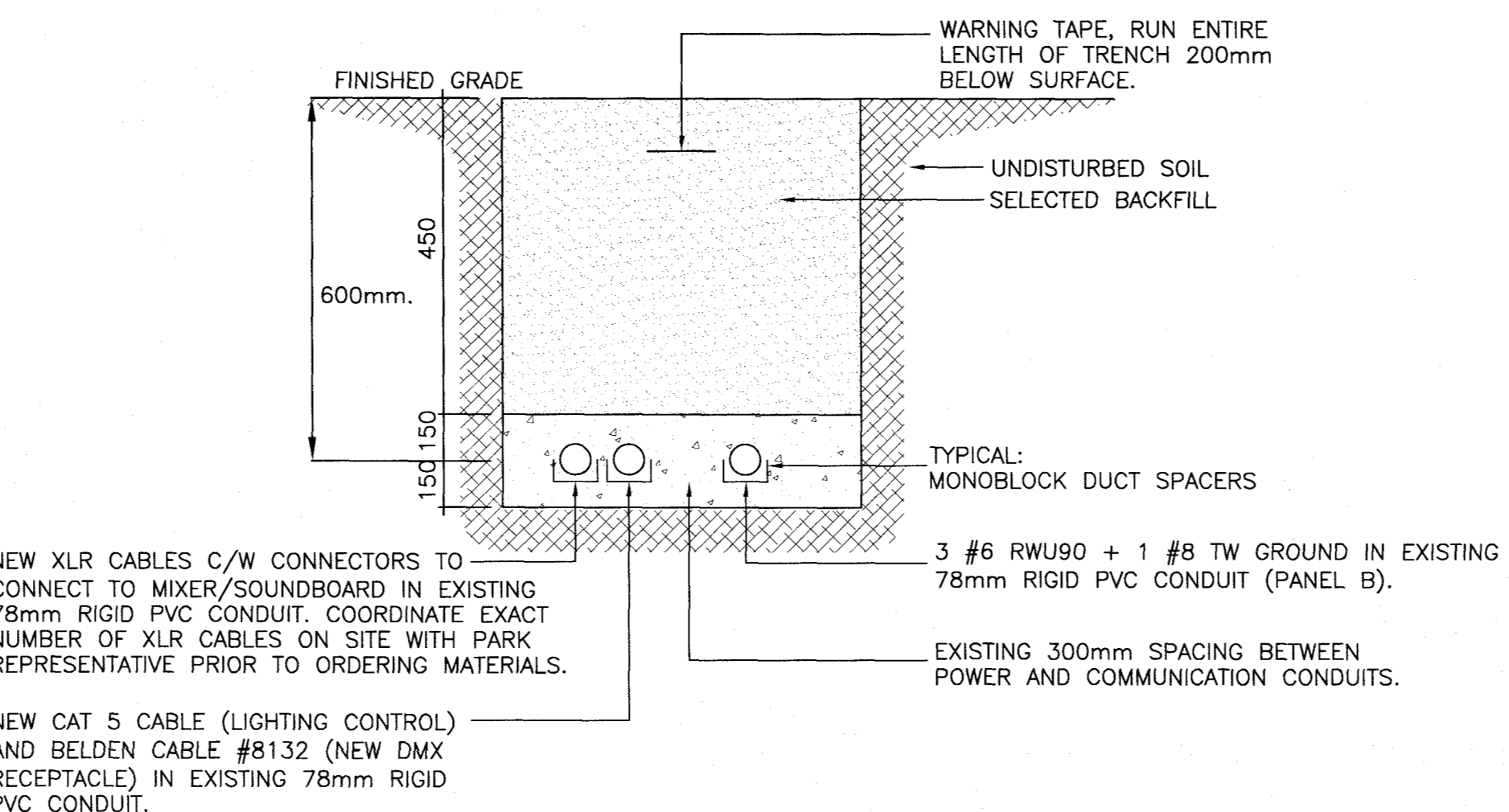
DEMOLITION NOTES:

- CONTRACTOR TO PROVIDE ALL CUTTING, PATCHING AND PAINTING TO MATCH EXISTING. COORDINATE ON SITE.
- ALL WORK SHALL BE SCHEDULED AND COORDINATED WITH OWNER REPRESENTATIVE.
- 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.
- 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.
- N/A.
- ALL WIRING TO BE INSTALLED IN CONDUIT AS INDICATED.
- ACCESS TO BUILDING TO BE COORDINATED WITH OWNER REPRESENTATIVE.
- LABEL ALL EQUIPMENT WITH LAMACOID TAGS.
- ALL EXISTING ELECTRICAL EQUIPMENT REMOVED TO BE TURNED OVER TO OWNER. IF OWNER REFUSES THEN CONTRACTOR TO REMOVE FROM SITE AND DISPOSE.

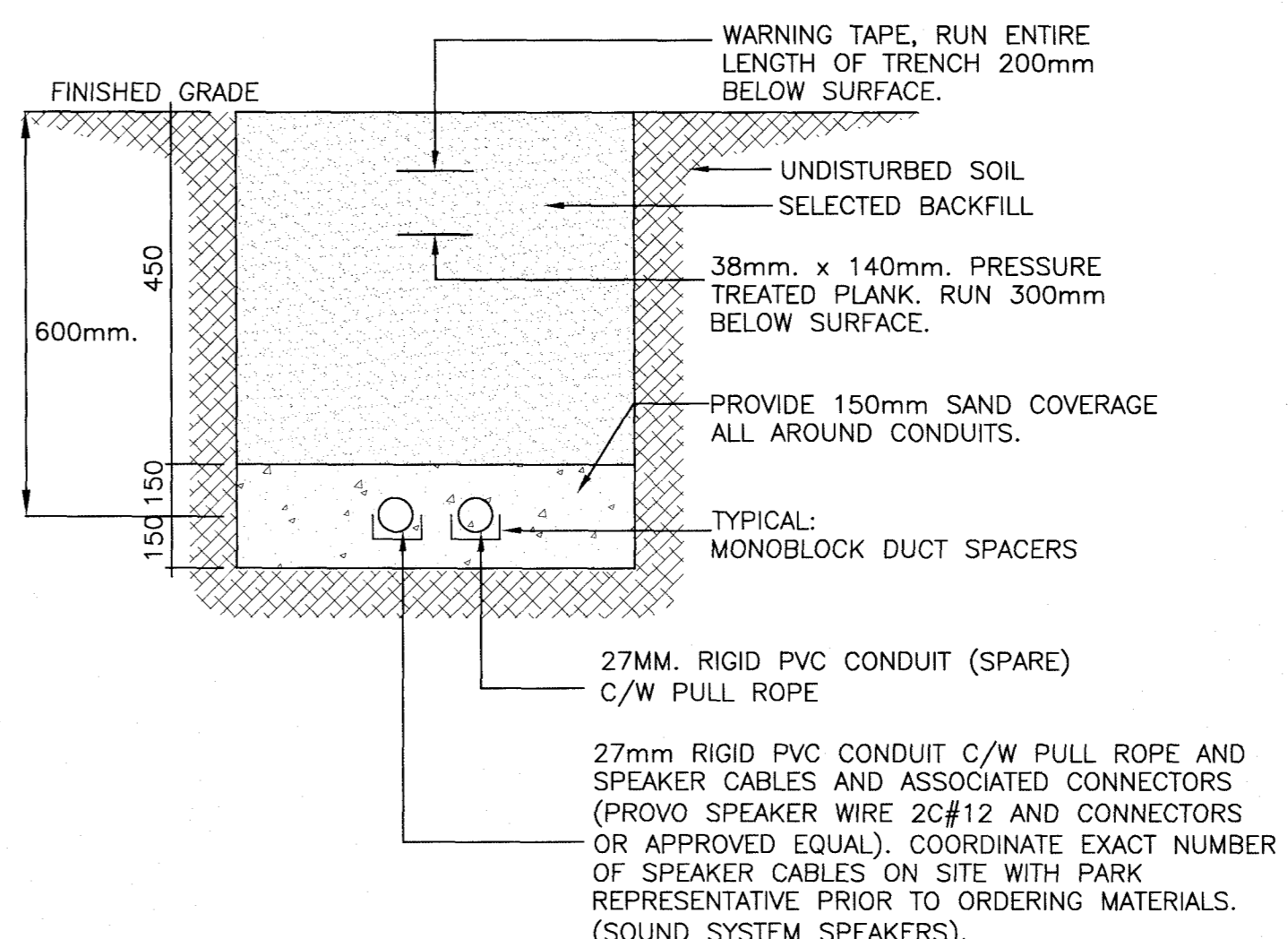


SITE PLAN - OUTDOOR THEATRE

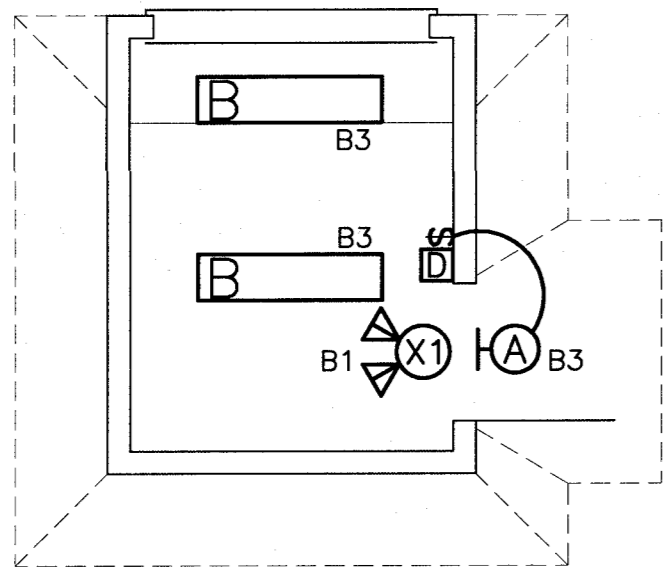
SCALE : 1:100



EXISTING TRENCH DETAIL

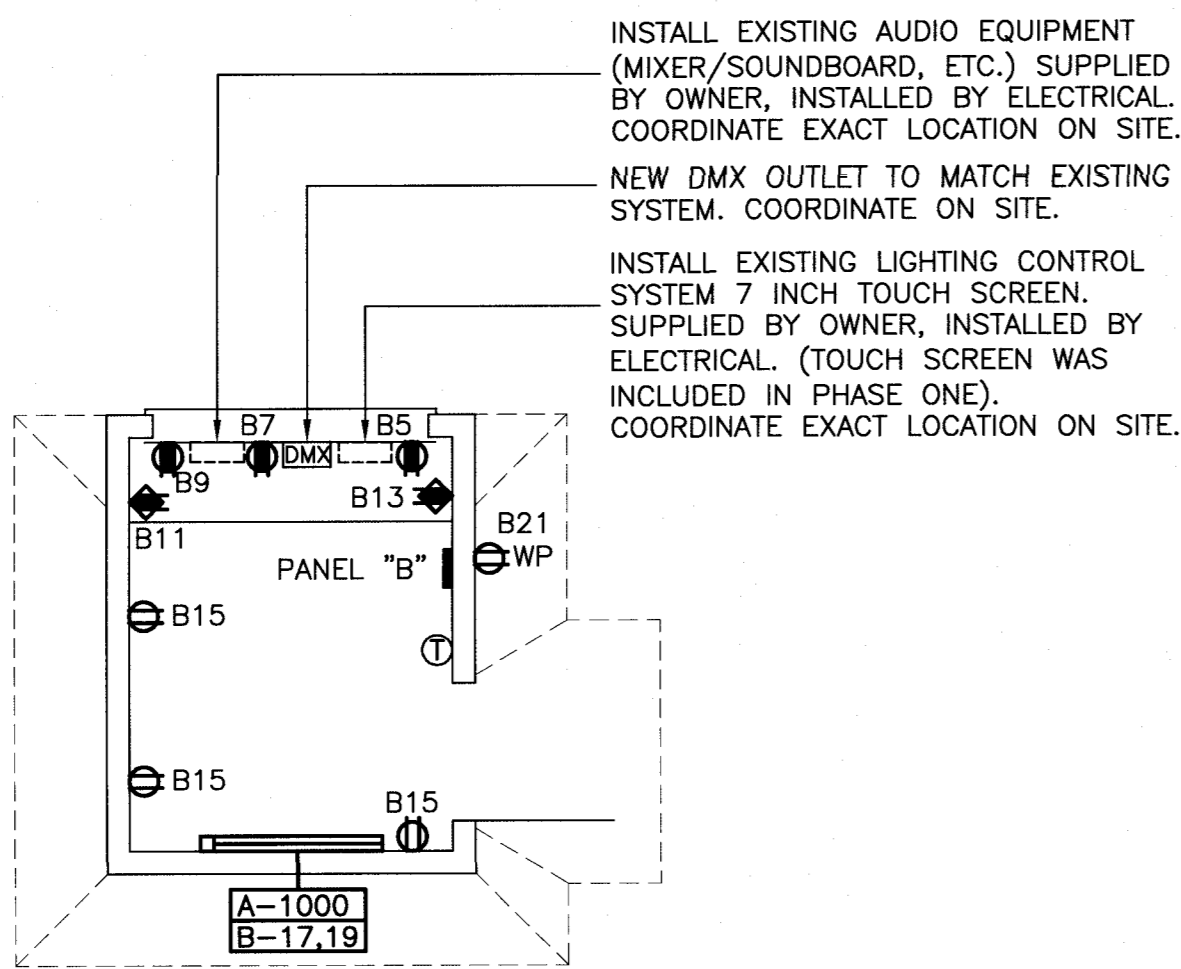


NEW TRENCH DETAIL



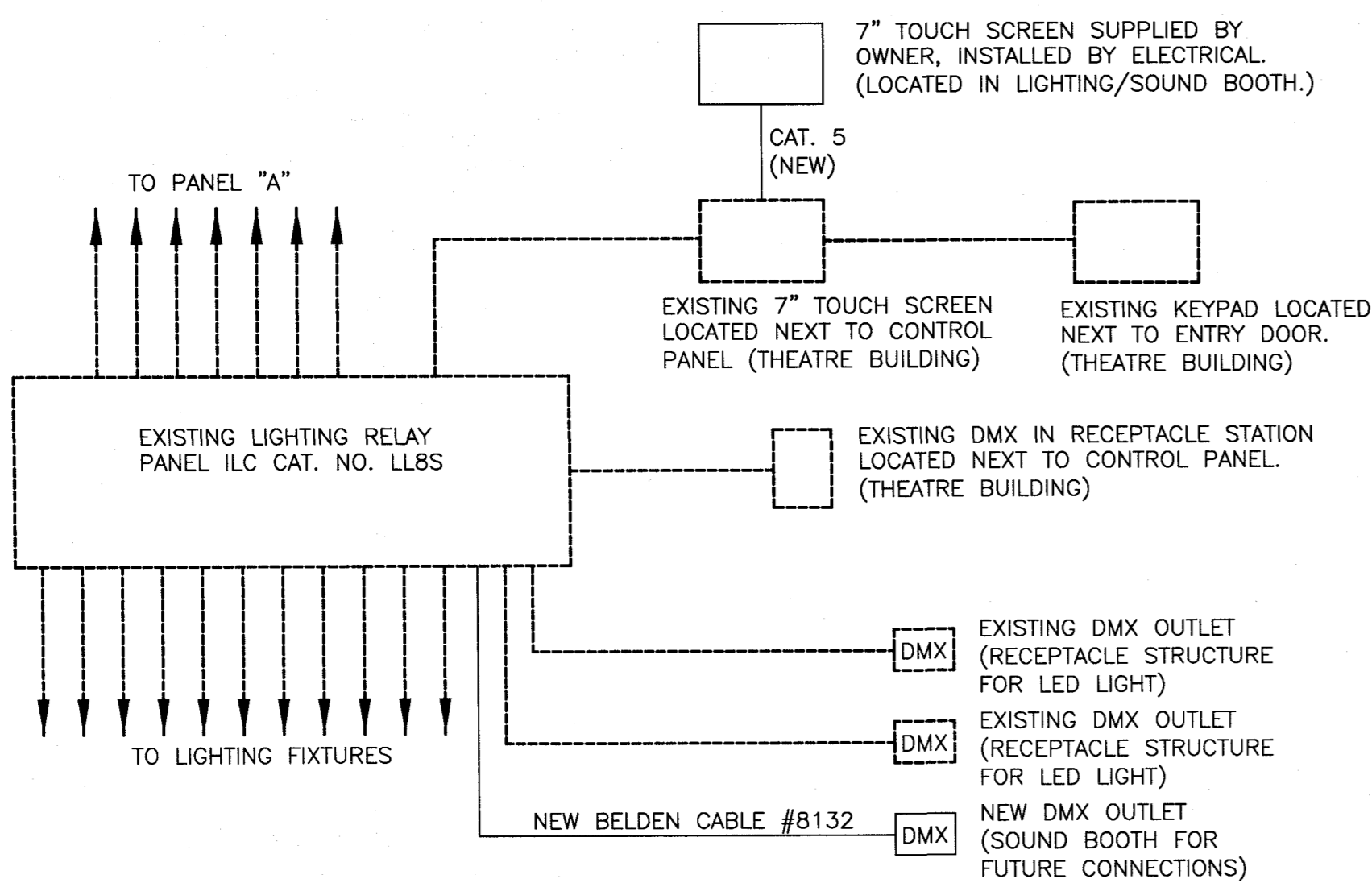
THEATRE SOUND SHELTER – LIGHTING LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m



THEATRE SOUND SHELTER – HEATING & POWER LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m



EXISTING CIRCUITS/LIGHTING:
CIRCUIT A1 – INTERIOR CEILING LIGHTING (DIMMABLE 0–10V)
CIRCUIT A3 – EXTERIOR WALL LIGHTING (NON-DIMMABLE)
CIRCUIT A5 – EXTERIOR OVERHEAD STAGE LIGHTING (DIMMABLE 0–10V)
CIRCUIT A7 – AISLE LIGHTING UNDER SEATING (NON-DIMMABLE)
CIRCUIT A9 – AISLE LIGHTING UNDER SEATING (NON-DIMMABLE)
CIRCUIT A14 – POST MOUNTED RECEPTACLES (LED LIGHTING FIXTURES VIA DMX OUTLET)
CIRCUIT A16 – POST MOUNTED RECEPTACLES (LED LIGHTING FIXTURES VIA DMX OUTLET)

BROKEN LINE INDICATES EXISTING.
SOLID LINE INDICATES NEW.

CONTRACTOR SHALL ARRANGE FOR OUTSIDE SUPPLIER AND/OR EQUIPMENT MANUFACTURER TO PERFORM FINAL COMMISSIONING OF LIGHTING SYSTEM TO VERIFY INSTALLATION, MAKE NECESSARY CORRECTIONS AND RE-TEST AS REQUIRED, AND PERFORM SYSTEM TRAINING TO SITE PERSONNEL. SEE SPECIFICATION FOR DETAILS.

EXISTING LIGHTING CONTROL PANEL RISER DIAGRAM

NOT TO SCALE

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	AMBER PHOSPHOR CONVERTED COLOR TEMPERATURE
B	LED	CEILING SURFACE	50 WATT LED	120	LITHONIA	LBL4W 4FT 6500LM 30k BOCRI MIN1ZT	

ELECTRIC HEATER SCHEDULE							
TYPE	DESCRIPTION	VOLTS	WATTS	MANUFACTURER	CAT. NO.	MOUNTING	REMARKS
A	BASEBOARD	240V, 1Ø	1000	OUELLET	OPR1000	WALL SURFACE	SEE NOTE 1, 2

NOTES (ELECTRIC HEATER SCHEDULE):

1. BOTTOM OF ELECTRIC HEATERS TO BE MOUNTED 25mm ABOVE FINISHED FLOOR.
2. ALL HEATERS TO BE WHITE IN COLOR.
3. HEATER C/W LOW VOLTAGE RELAY/TRANSFORMER KIT.

EXISTING PANEL – OUTDOOR THEATRE

VOLTS		120/240		PANEL NAME		A		MAINS RATED		200_AMPS		C/W 200 AMP, 2 POLE MAIN BREAKER									
PHASE		1		LOCATION		OUTDOOR THEATRE BUILDING		MOUNTING		SURFACE											
WIRE		3		FED FROM		EXISTING FEEDER		CIRCUITS		60		SERVICE ENTRANCE RATED									
DESIGNATION		WATTAGE		WIRE		BKR		CCT		A B		CCT		BKR		WIRE		WATTAGE		DESIGNATION	
		ø A ø B																ø A ø B			
EXISTING BUILDING INTERIOR LIGHTING		300		12 15 1		●		2		30		2								EXISTING OVERHEAD DOOR	
EXISTING BUILDING EXTERIOR WALL LIGHTING		166		12 15 3		●		4		2		4									
EXISTING EXTERIOR STAGE LIGHTING		300		12 15 5		●		6		15 12		200								EXISTING RECEPTACLE – IN FLOOR STAGE	
EXISTING EXTERIOR SEATING LIGHTING		160		12 15 7		●		8		15 12		200								EXISTING RECEPTACLE – IN FLOOR STAGE	
EXISTING EXTERIOR SEATING LIGHTING		160		12 15 9		●		10		15										EXISTING RECEPTACLE–EXTERIOR	
EXISTING EXIT/EMERGENCY LIGHTING		100		12 15 11		●		12		15										EXISTING RECEPTACLE – EXTERIOR	
EXISTING RECIRCULATION FAN				15 13		●		14		15										EXISTING RECEPTACLE – RECEPTACLE POST	
EXISTING WALK WAY LIGHTS				15 15		●		16		15										EXISTING RECEPTACLE – RECEPTACLE POST	
EXISTING WALK WAY LIGHTS				15 17		●		18		15										EXISTING RECEPTACLE–PROJECTOR LIGHT	
*** PANEL "B" SOUND SHELTER		2486		2670 6 60 19		●		20		15										EXISTING RECEPTACLE – INTERIOR	
				21		●		22		20 12		200								EXISTING RECEPTACLE – BUILDING INTERIOR	
				23		●		24		20 12		200								EXISTING RECEPTACLE – BUILDING INTERIOR	
				25		●		26		20 12		200								EXISTING RECEPTACLE – BUILDING INTERIOR	
				27		●		28		30				2500						EXISTING HEAT – BUILDING	
				29		●		30		2		10		2500							
				31		●		32		20 12				500						LIGHTING CONTROL PANEL	
				33		●		34		15										EXISTING RECEPTACLE–INTERIOR	
				35		●		36		15										EXISTING RECEPTACLE–INTERIOR	
				37		●		38		15										EXISTING RECEPTACLE–INTERIOR	
				39		●		40		15 12		200								EXISTING RECEPTACLE – DMX	
				41		●		42													
				43		●		44													
				45		●		46													
				47		●		48													
SPARE				15 49		●		50		15										SPARE	
SPARE				15 51		●		52		15										SPARE	
SPARE				15 53		●		54		15										SPARE	
SPARE				15 55		●		56		15										SPARE	
SPARE				15 57		●		58		15										SPARE	
SPARE				15 59		●		60		15										SPARE	
*** – SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE.																					

*** – SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER
C/W MOUNTING HARDWARE. IC RATING TO MATCH.
COORDINATE ON SITE.

NEW PANEL – SOUND SHELTER

VOLTS		120/240		PANEL NAME		"B"		MAINS RATED		60_AMPS											
PHASE		1		LOCATION		SOUND SHELTER		MOUNTING		SURFACE											
WIRE		3		FED FROM		PANEL "A"		CIRCUITS		24											
DESIGNATION		WATTAGE		WIRE		BKR		CCT		A B		CCT		BKR		WIRE		WATTAGE		DESIGNATION	
		ø A ø B																			
*	EXIT/EMERGENCY LIGHTING	50				12 15		1		●		2 15								SPARE	
	LIGHTING-SOUND SHELTER BUILDING	126				12 15		3		●		4 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	500				12 15		5		●		6 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	500		500		12 15		7		●		8 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	500				12 15		9		●		10 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	1000				12 20		11		●		12 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	1000				12 20		13		●		14 15								SPARE	
	RECEPTACLE-SOUND SHELTER BUILDING	360				12 15		15		●		16 15								SPARE	
	HEAT-SOUND SHELTER BUILDING	500				12		15 17		●		18 15								SPARE	
		500				12		2 19		●		20 15								SPARE	
**	EXTERIOR RECEPT-SOUND SHELTER BUILDING	120				12 15		21		●		22 20								SPARE	
	SPARE					15 23				●		24 20								SPARE	
ø A TOTAL :		2670																			
ø B TOTAL :		2486																			
TOTAL LOAD		5.156 KW		22 AMP																	
* - INDICATES LOCK-ON DEVICE																					
** - INDICATES GROUND FAULT CIRCUIT BREAKER																					

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

PERMIT

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSSBIE ENGINEERING LIMITED
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG-ML 20122
which is valid for the year 2018.

STAMP

REGISTERED PROFESSIONAL ENGINEER
KENNEDY R.P. NEIL
SIGNATURE
MARCH 16, 18
NEWFUNDLAND & LABRADOR

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

OUTDOOR
THEATRE UPGRADES
NEWMAN SOUND
TERRA NOVA NATIONAL PARK GLOVERTOWN NL

drawing dessin

FLOOR PLANS –
ELECTRICAL LAYOUTS,
PANEL SCHEDULES
AND DETAILS

designed K.N. conçu

date DECEMBER 2017

drawn D.R. dessiné

date DECEMBER 2017

approved TRE UPGRADES approuvé

date Soumission

Tender

PWGSC Project Manager Administrateur de projets TPWSC

project number no. du projet

PCA NO. 457

drawing no. no. du dessin

E2