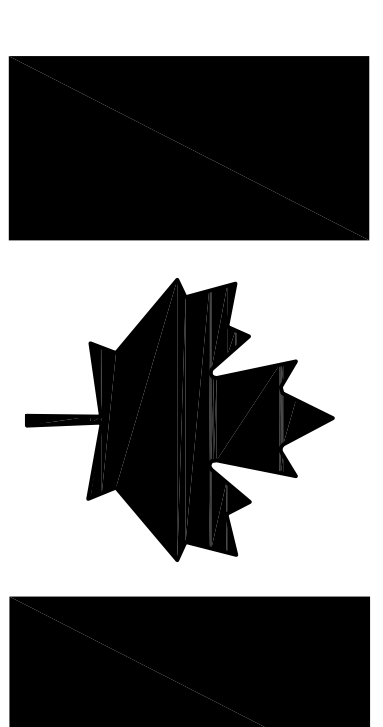


# FISHERIES AND OCEANS



Canada™

## TRAILER IMPROVEMENTS

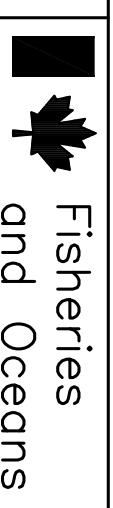
NAIN, NL

PROJECT NO.: F6879-179214  
ISSUED FOR TENDER

DATE: JULY 15, 2017

CLIENT/OWNER:  
DEPARTMENT OF FISHERIES & OCEANS,  
REAL PROPERTY, SAFETY & SECURITY

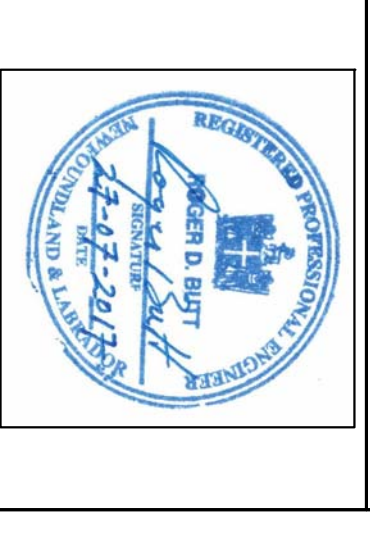




Pêches et Océans

Réal Property, Safety & Security

Biens immobiliers, protection et sécurité

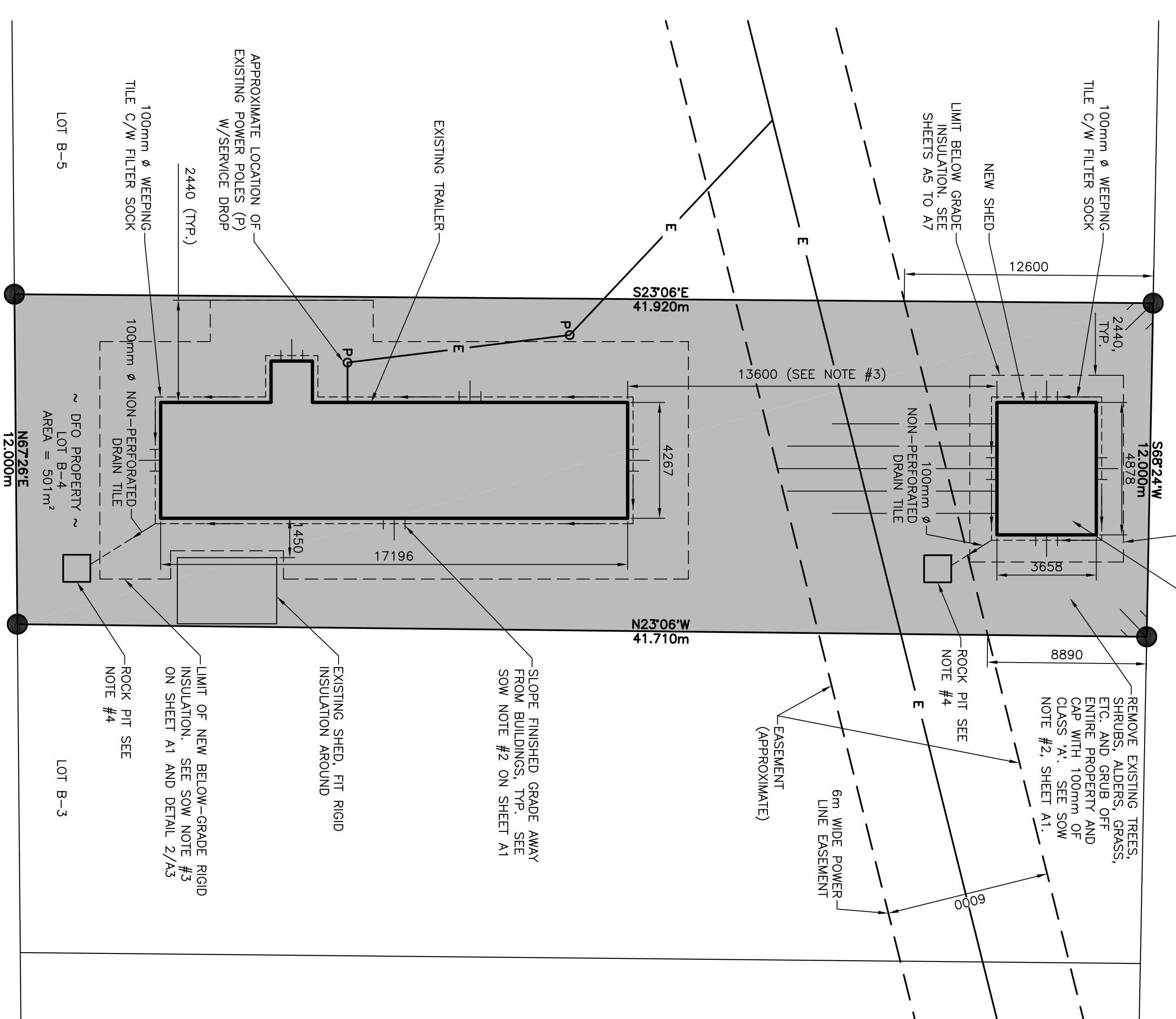


NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
2. DO NOT SCALE FROM DRAWINGS.
3. LOCATION OF TRAILER AND SHED ON PROPERTY ARE LOCATIONS OF BOTH ON PROPERTY AND REPORT TO DEPARTMENTAL REPRESENTATIVE PRIOR TO START OF WORK SO THAT LOCATION OF NEW SHED CAN BE FINALIZED.
4. APPROXIMATE LOCATION OF ROCK PIT. LOCATE IN FIELD, VERIFY LOCATION OF UNDERGROUND SERVICES. HAND DIG AS REQUIRED.
5. FOR STATEMENT OF WORK (SOW) NOTES SEE A1.

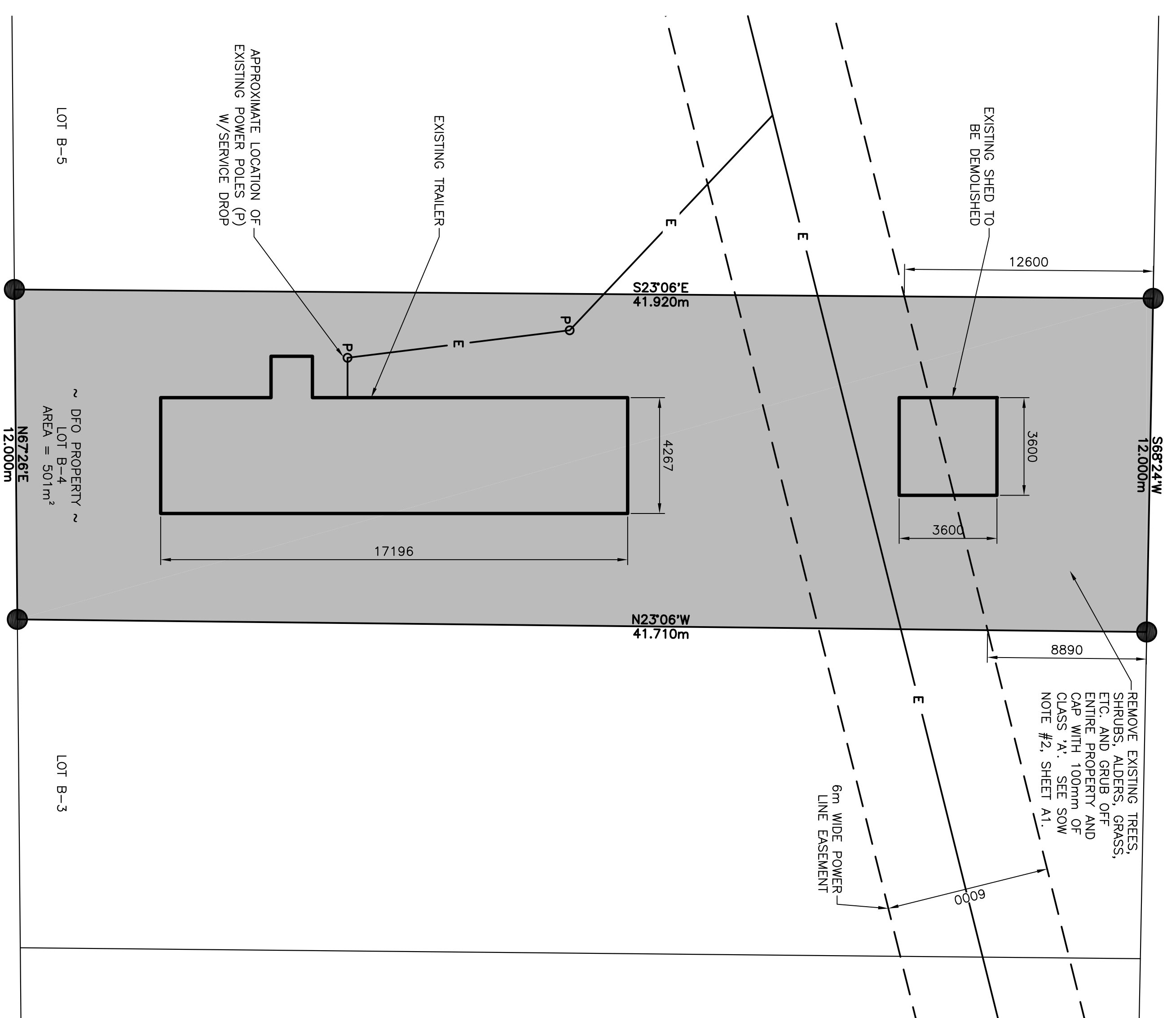
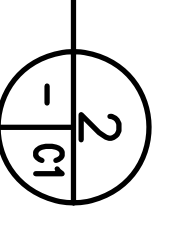
LEGEND:

INDICATES PROPERTY LIMITS



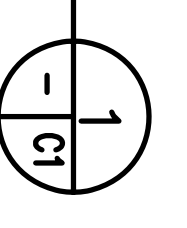
NEW SITE PLAN

SCALE: N.T.S.



EXISTING SITE PLAN

SCALE: N.T.S.



A	ISSUED FOR TENDER	7/15/17	F.H.	N.H.
no.	revision	date	by	approved
no.	revision	date	by	approved

Project - project  
 TRAILER IMPROVEMENTS  
 NAIN, NL

drawn - dessiné	designed - dessiné par
no. F.HUNT	no. F.HUNT
date - date	checked - vérifié
JULY 15, 2017	N.HUNT
scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	as shown
project no. - projet no.	drawing no. - no. du dessin
FS939-179214	14C1201B00401C1
	sheet - feuille
	C1

SITE PLANS





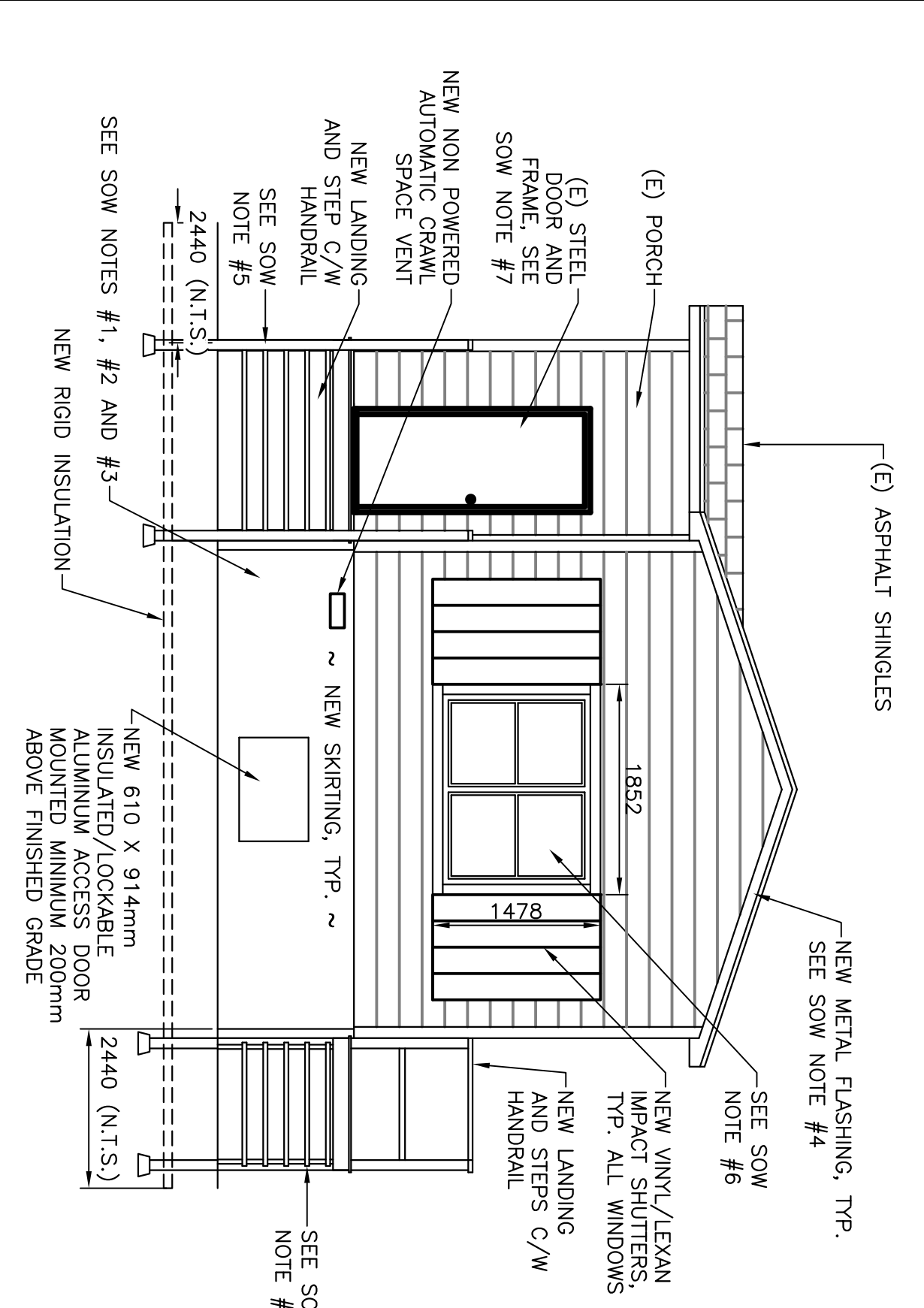
Fisheries and Oceans  
Pêches et Océans

Real Property, Safety & Security  
Biens immobiliers, protection et sécurité

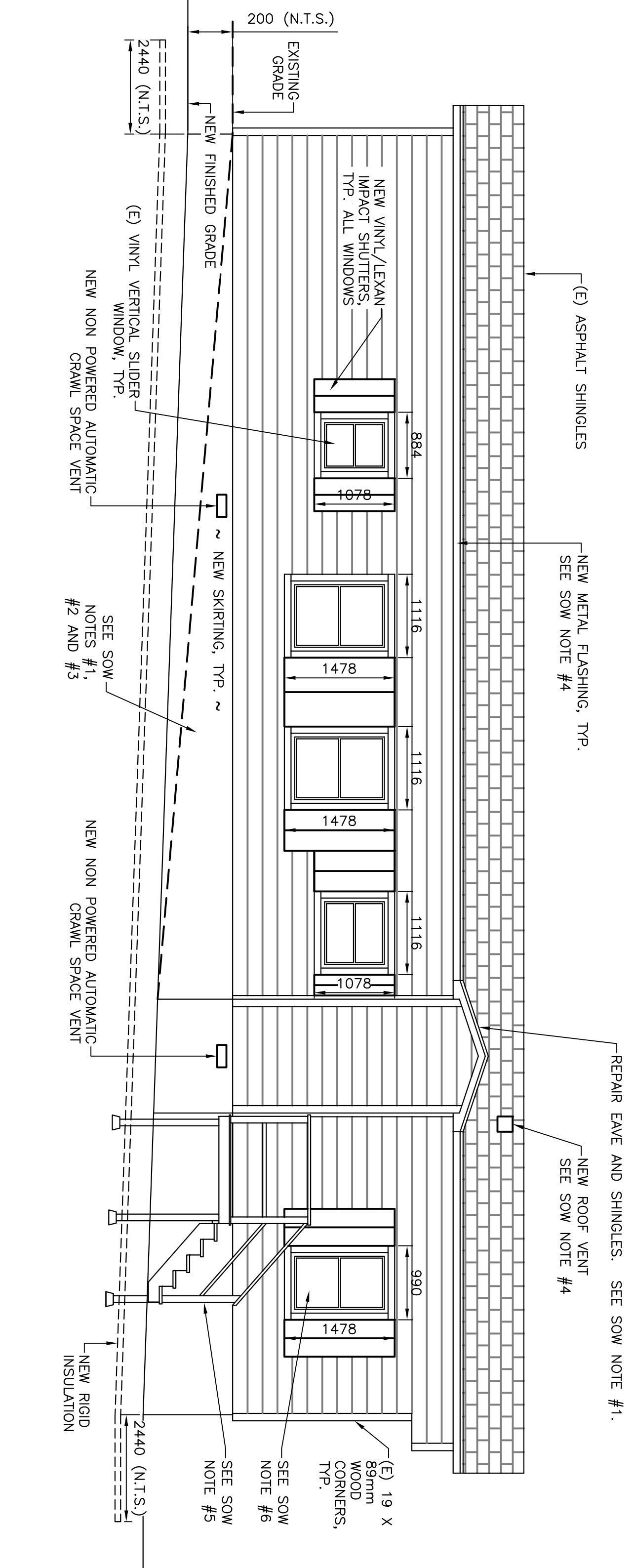
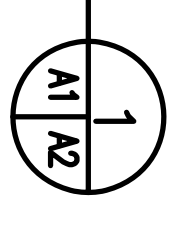
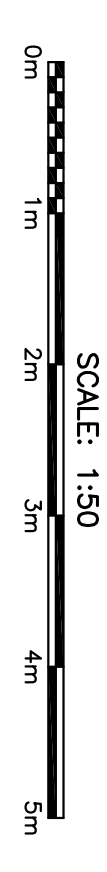


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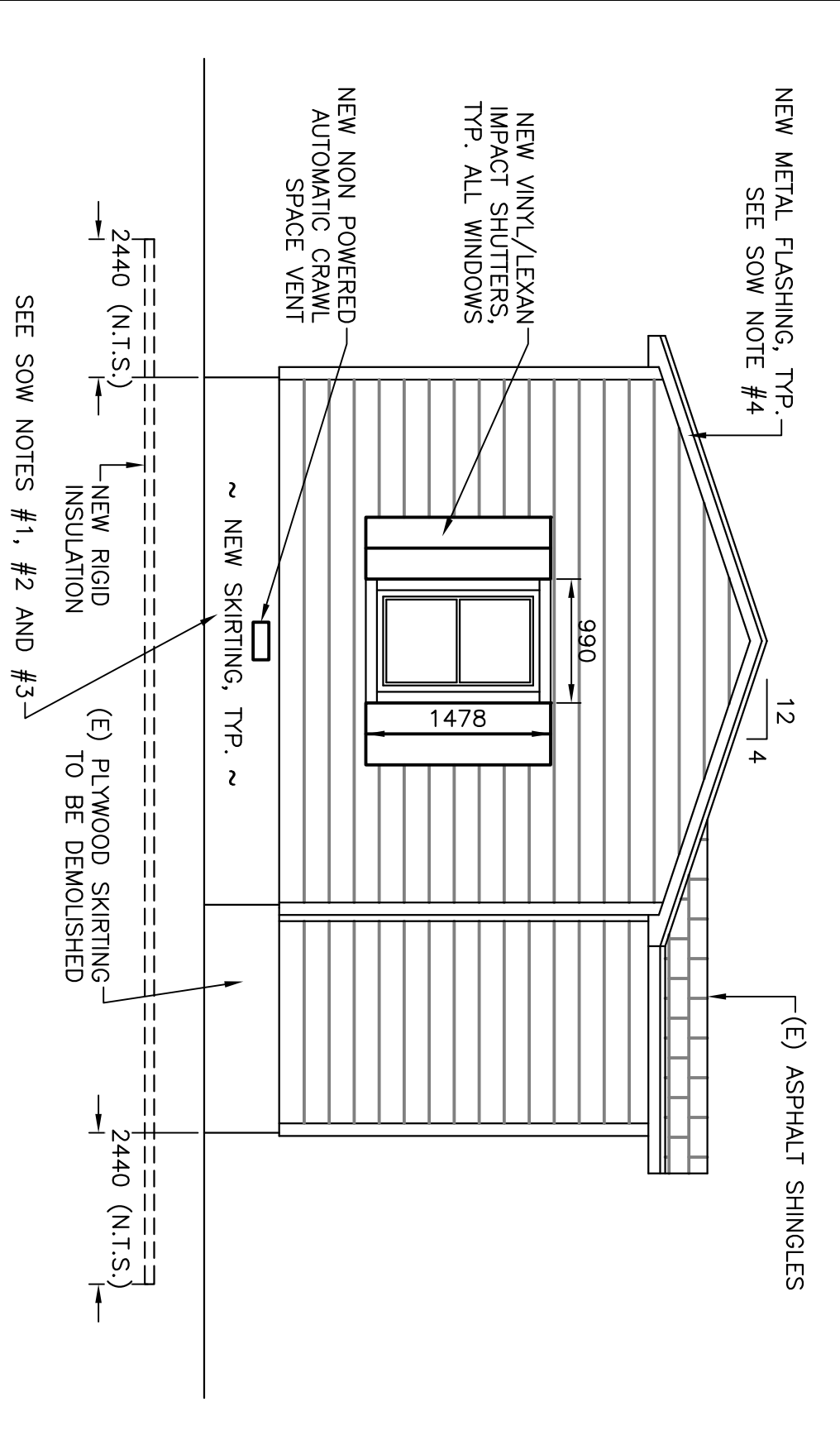
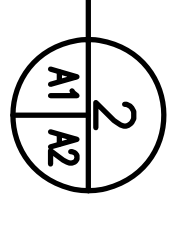
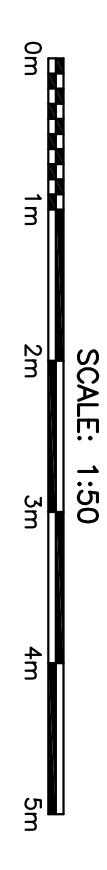
1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
2. DO NOT SCALE FROM DRAWINGS.
3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBC.
4. EXISTING WINDOWS ARE COVERED ON EXTERIOR WITH WINDOW SIZES ARE APPROXIMATE AS SCALED FROM DRAWINGS. NEW SHUTTERS ARE TO BE INSTALLED ON EXTERIOR. REVERSE) AND HOLD-BACK HOOKS WHEN OPEN. LOUVERED VINYL/LEXAN IMPACT SHUTTERS BY SHUTTER SHACK, OR APPROVED EQUAL.
5. NEW SKIRTING TO BE INSTALLED TO MATCH EXISTING SKIRTING OR STATEMENT OF WORK (SOW) NOTES REFER TO SHEET A1.



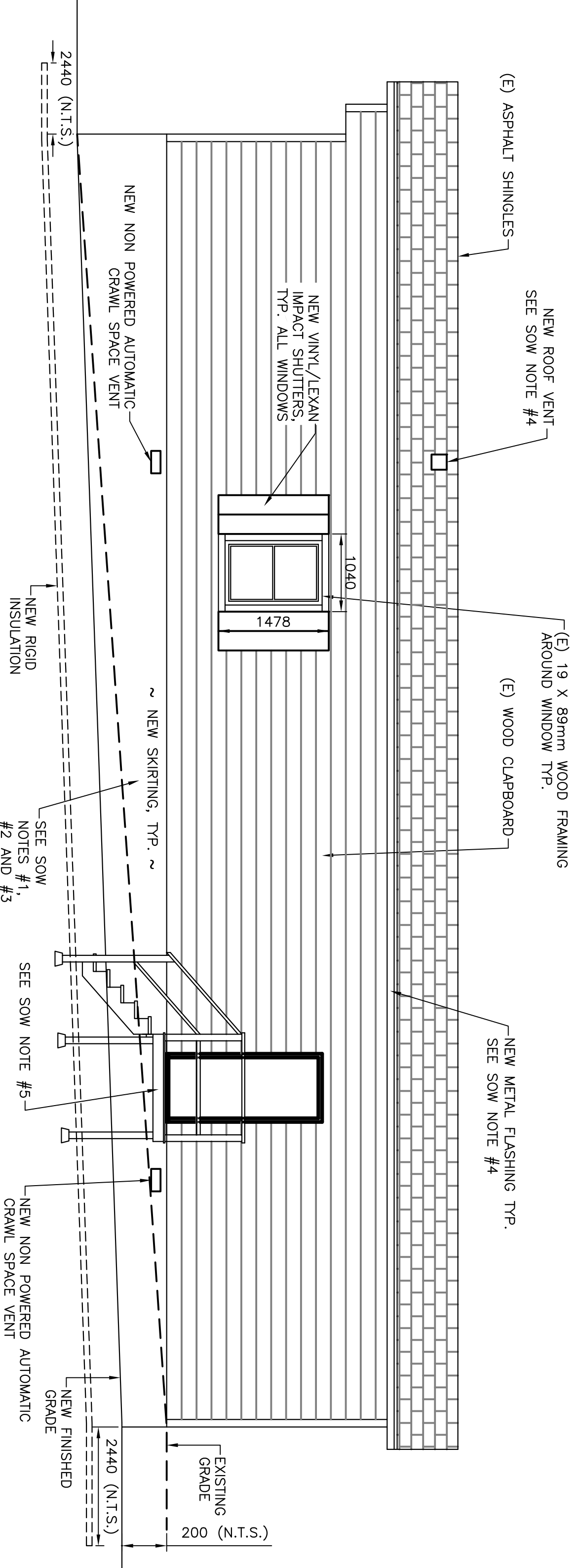
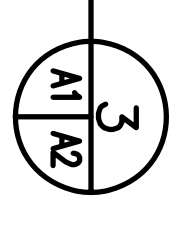
**FRONT ELEVATION**



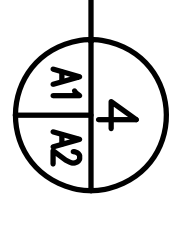
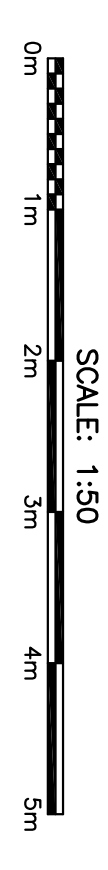
**LEFT ELEVATION**



**REAR ELEVATION**



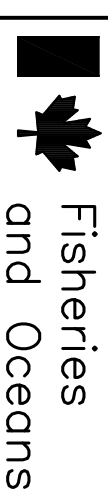
**RIGHT ELEVATION**



A	ISSUED FOR TENDER	7/15/17	F.H.	N.H.
no.	revision	date	by	approved
no.	reason	date	by	approved

Project - project  
**TRAILER IMPROVEMENTS**  
 NAIN, NL  
 TRAILER ELEVATIONS

drawn - dessiné	designed - dessiné par
F.HUNT	R.BOUT
date - date	checked - vérifié
JULY 15, 2017	F.HUNT
scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	AS SHOWN
project no. - projet no.	drawing no. - no. du dessin
FS979-179214	14C1201B00401A2
	sheet - feuille
	A2

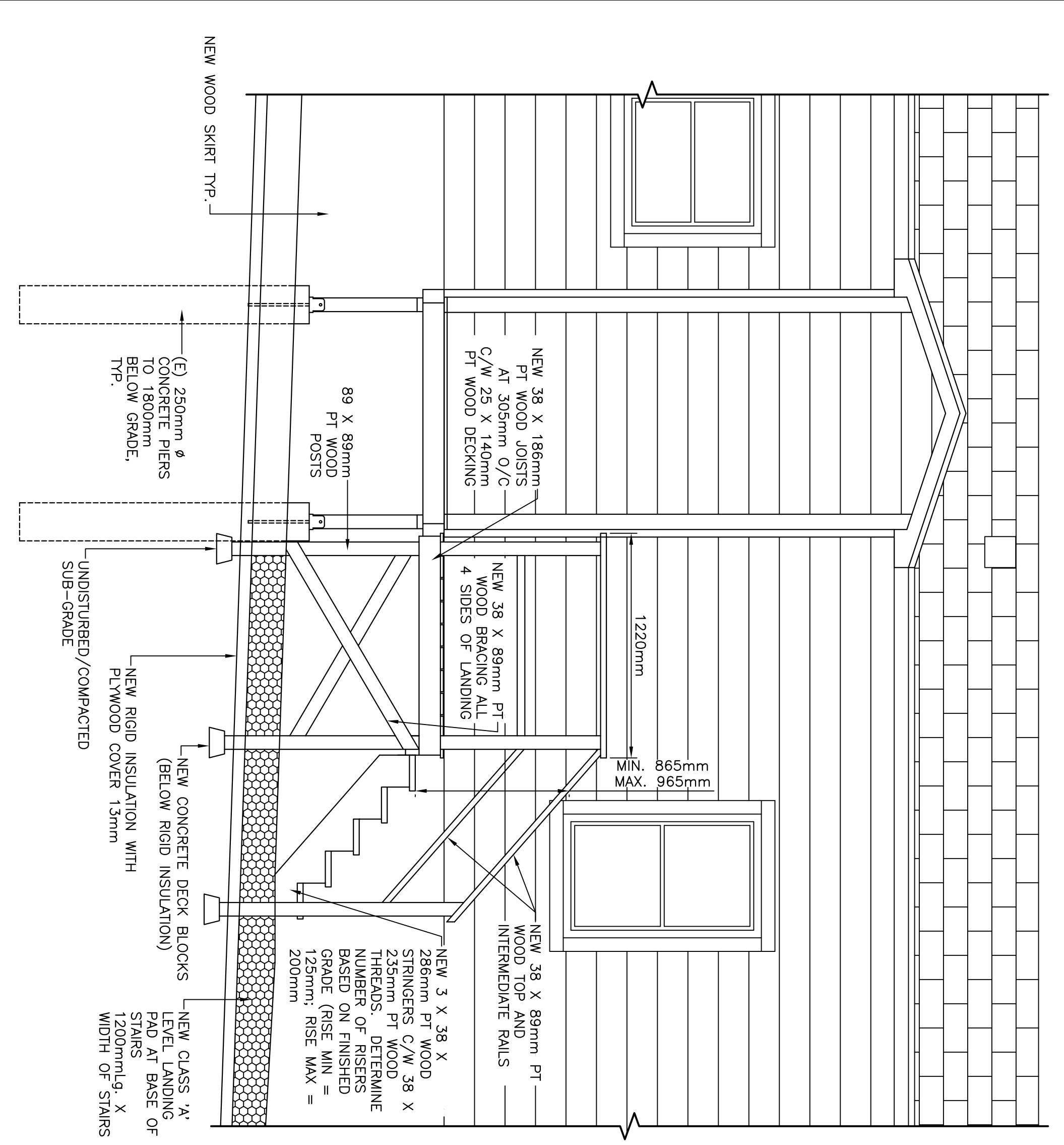


Fisheries and Oceans  
Pêches et Océans  
Real Property, Safety & Security  
Biens immobiliers, protection et sécurité

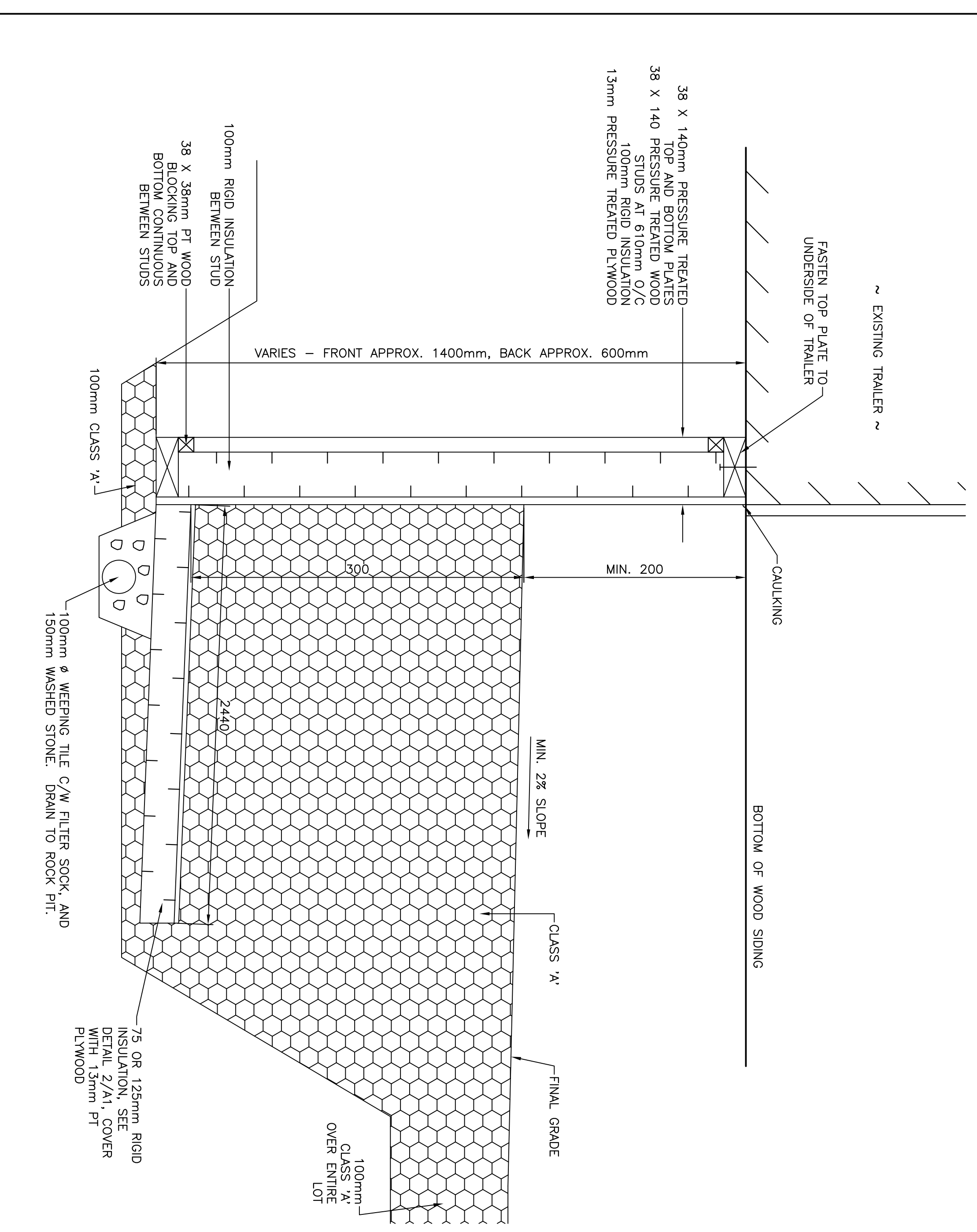
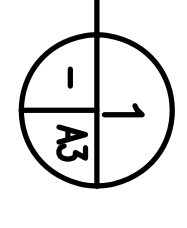


**NOTES:**

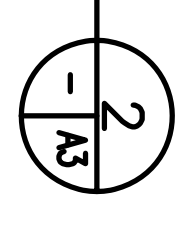
1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
2. DO NOT SCALE FROM DRAWINGS.
3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBCC.
4. REMOVE AND DISPOSE OF ALL EXCESS MATERIALS FROM BENEATH TRAILER. OWNER RESERVES RIGHT OF FIRST REFUSAL TO SALVAGE ANY MATERIALS.



EXTERIOR LANDING STAIRS  
SCALE: 1:25



SKIRT DETAIL  
SCALE: N.T.S.



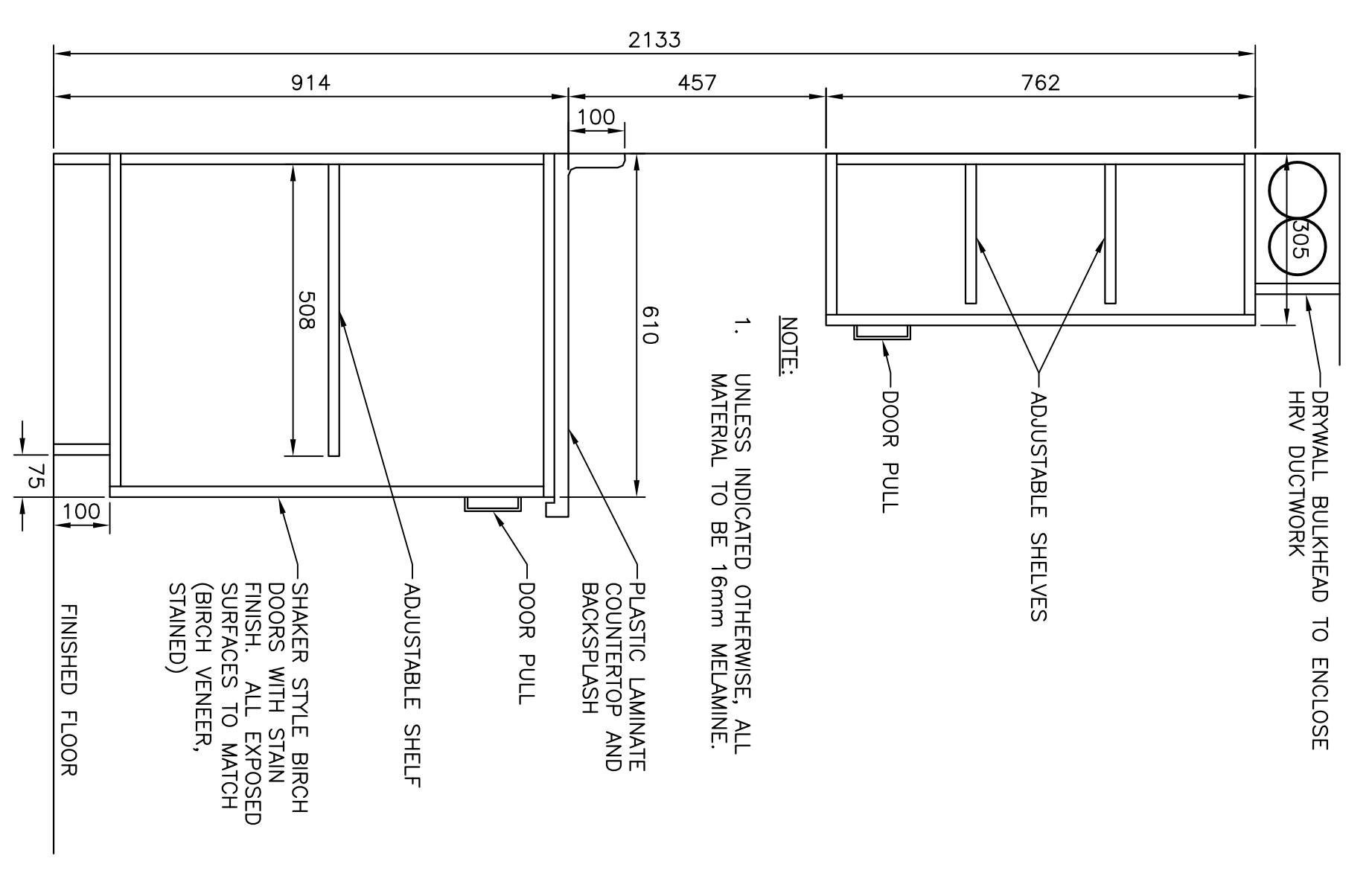
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no.	revision	date	by	approved
no.	revision	date	by	approved

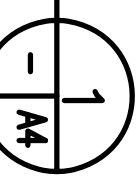
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TRAILER IMPROVEMENTS  
NAIN, NL

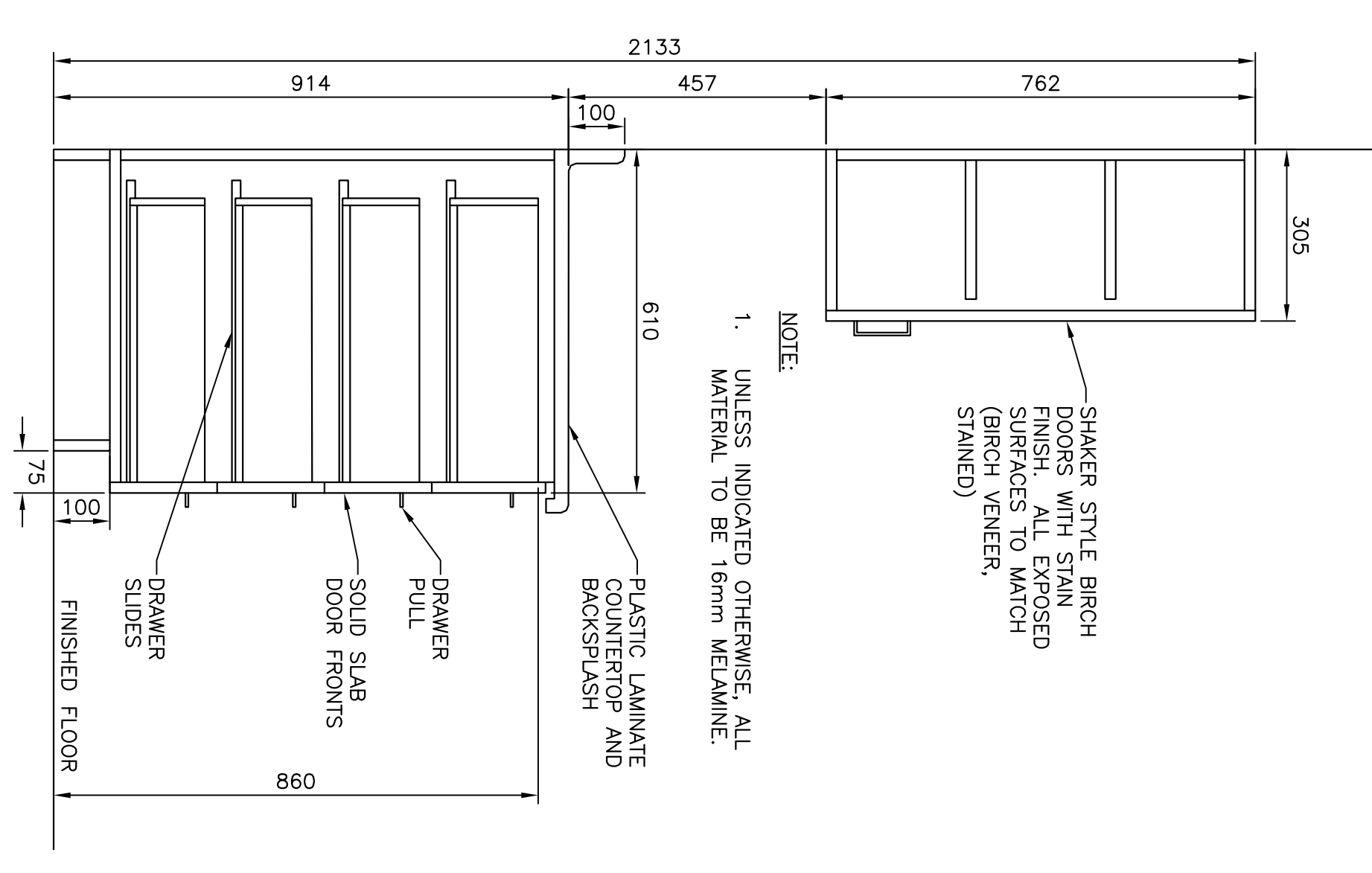
Drawing - design  
TRAILER DETAILS

drawn - dessiné	designed - dessiné par	F.HUNT	checked - vérifié	N.HUNT
date - date	approved for tender - approuvé pour l'offre	JULY 15, 2017	scale - échelle	N.T.S.
project no. - projet no.	drawing no. - no. du dessin	14C1201B00401A3	sheet - feuille	A3
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14C1201B00401A3		14C1201B00401A3		A3

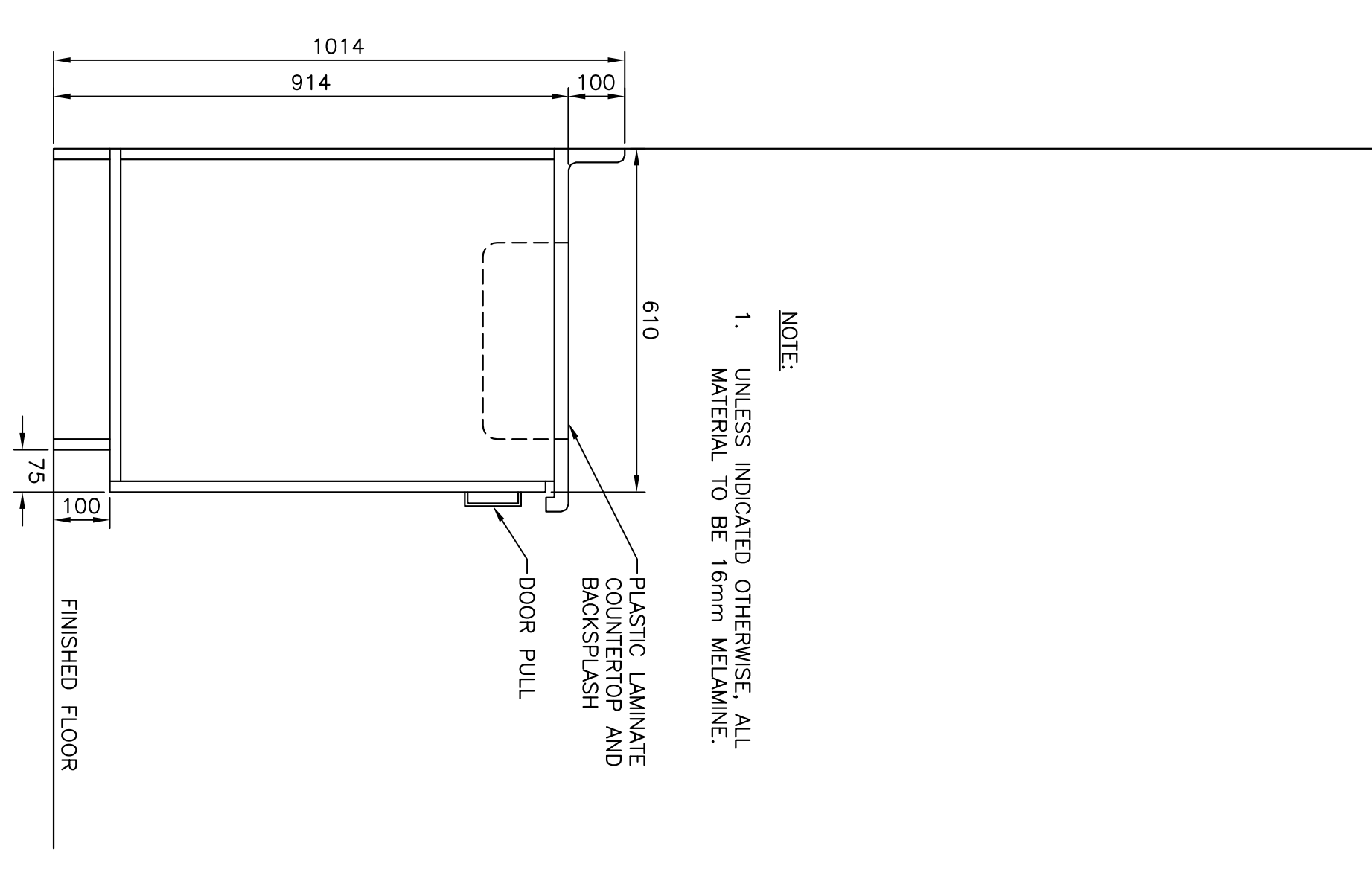
- NOTES:**
1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
  2. DO NOT SCALE FROM DRAWINGS.
  3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBCC.
  4. FOR KITCHEN CABINETS ALSO REFER TO SOW NOTE #12a, SHEET A1.
  5. FOR BEDROOM CLOSETS ALSO REFER TO SOW NOTE #12e, BATHROOM STORAGE SIMILAR; REFER TO SOW NOTE #12f.



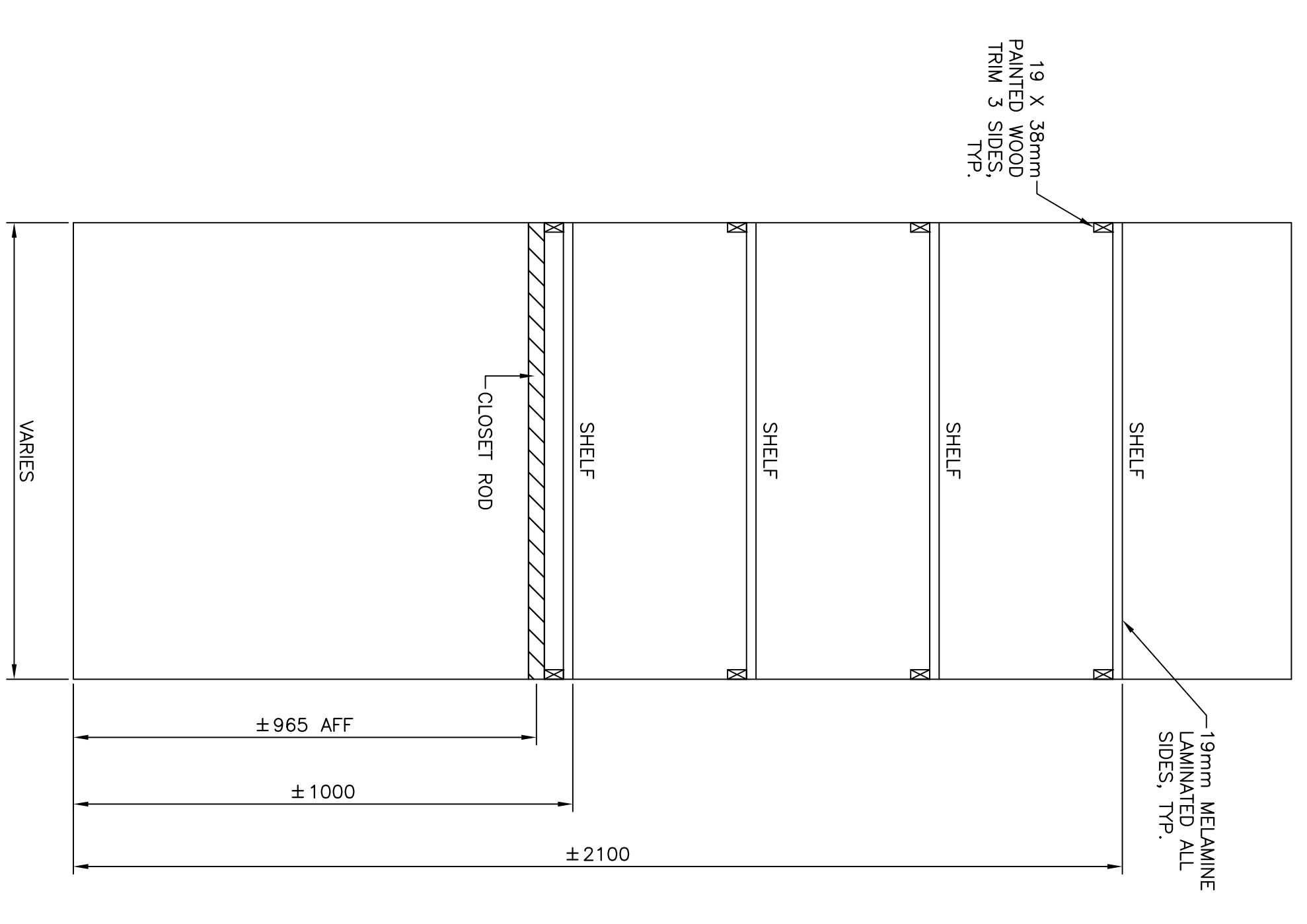
SECTION 1 - KITCHEN CABINETRY  
SCALE : N.T.S. 

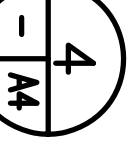


SECTION 2 - KITCHEN CABINETRY  
SCALE : N.T.S. 



SECTION 3 - KITCHEN CABINETRY  
SCALE : N.T.S. 



SECTION 4 - BEDROOM CLOSETS - ELEVATION  
SCALE : N.T.S. 

Project - TRAILER IMPROVEMENTS  
NAIN, NL

A	no.	ISSUED FOR TENDER	revision	revision	7/15/17	F.H.	N.H.

Drawing - design

TRAILER MILLWORK DETAILS

drawn - ossiane P.HUNT	designed - ossiane P.HUNT
date - date - JULY 15, 2017	checked - walter N.HUNT
scale - e-scale N.T.S.	approved for tender - approve pour 10/17/17
project no. - projet no. 14C1201B00A01A4	drawing no. - no du dessin 14C1201B00A01A4
	sheet - feuille A4



**NOTES:**

1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
2. DO NOT SCALE FROM DRAWINGS.
3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBCCC 2015.
4. EXISTING FLAMMABLE STORAGE CABINET TO BE RE-LOCATED FROM EXISTING SHED TO NEW SHED. VENT PIPING BY MECHANICAL.
5. MECHANICAL DEEP FREEZE TO BE RE-LOCATED FROM EXISTING TRAILER TO NEW SHED.
6. RE-LOCATE AND RE-INSTALL MISCELLANEOUS METAL SHELVING AND PARTS STORAGE CABINET FROM EXISTING SHED TO NEW SHED.

LEGEND:

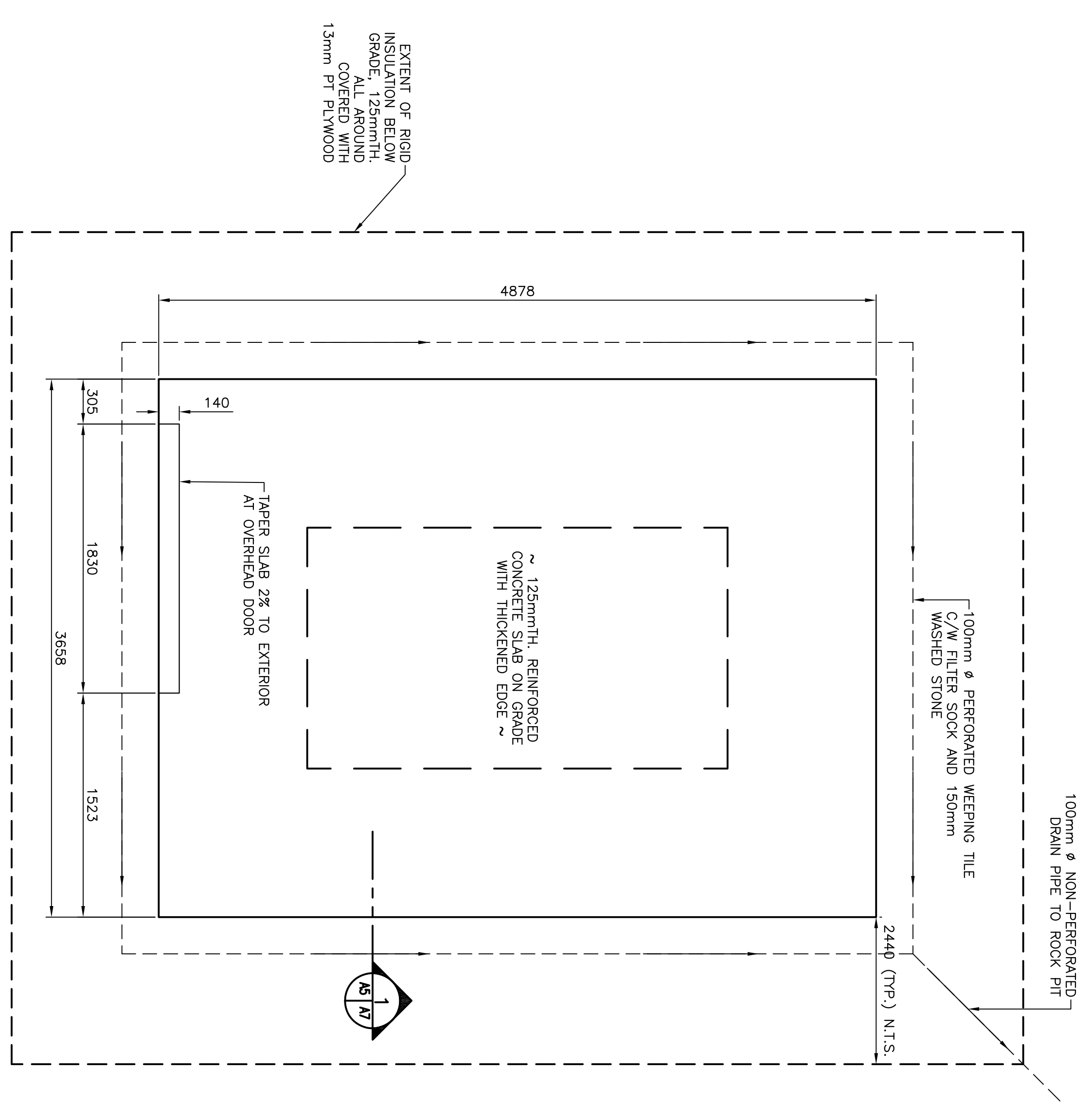
NIC NOT IN CONTRACT

A	ISSUED FOR TENDER	7/15/17	F.H.	N.H.
no.	revision	date	by	approved
no.	revision	date	by	approved

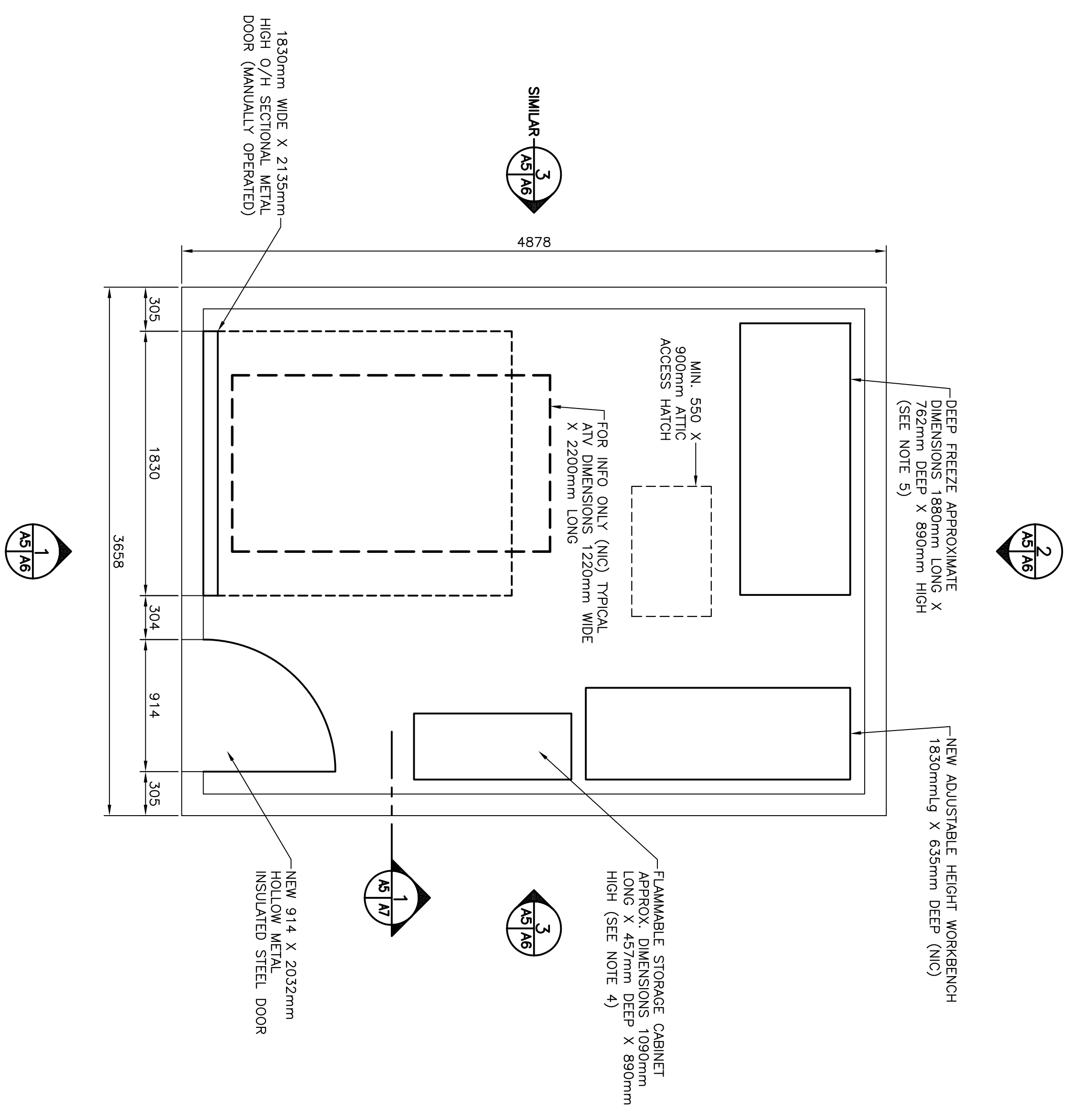
Project - project  
TRAILER IMPROVEMENTS  
NAIN, NL

NEW SHED PLANS

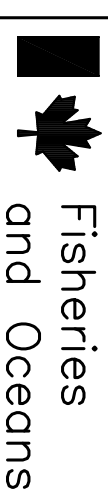
drawn - dessiné	designed - dessiné par	drawn - dessiné	designed - dessiné par
F.HUNT	F.HUNT	F.HUNT	F.HUNT
date - date	checked - vérifié	date - date	checked - vérifié
JULY 15, 2017	F.HUNT	JULY 15, 2017	F.HUNT
scale - échelle	approved for tender - approuvé pour l'offre	scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	AS SHOWN	AS SHOWN	AS SHOWN
project no. - projet no.	drawing no. - no. du dessin	project no. - projet no.	drawing no. - no. du dessin
FS9379-179214	14C1201B00401A5	FS9379-179214	14C1201B00401A5
			sheet - feuille
			AS



FOUNDATION PLAN  
SCALE: 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



FLOOR PLAN  
SCALE: 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



Fisheries and Oceans

Pêches et Océans

Real Property, Safety & Security

Biens immobiliers, protection et sécurité

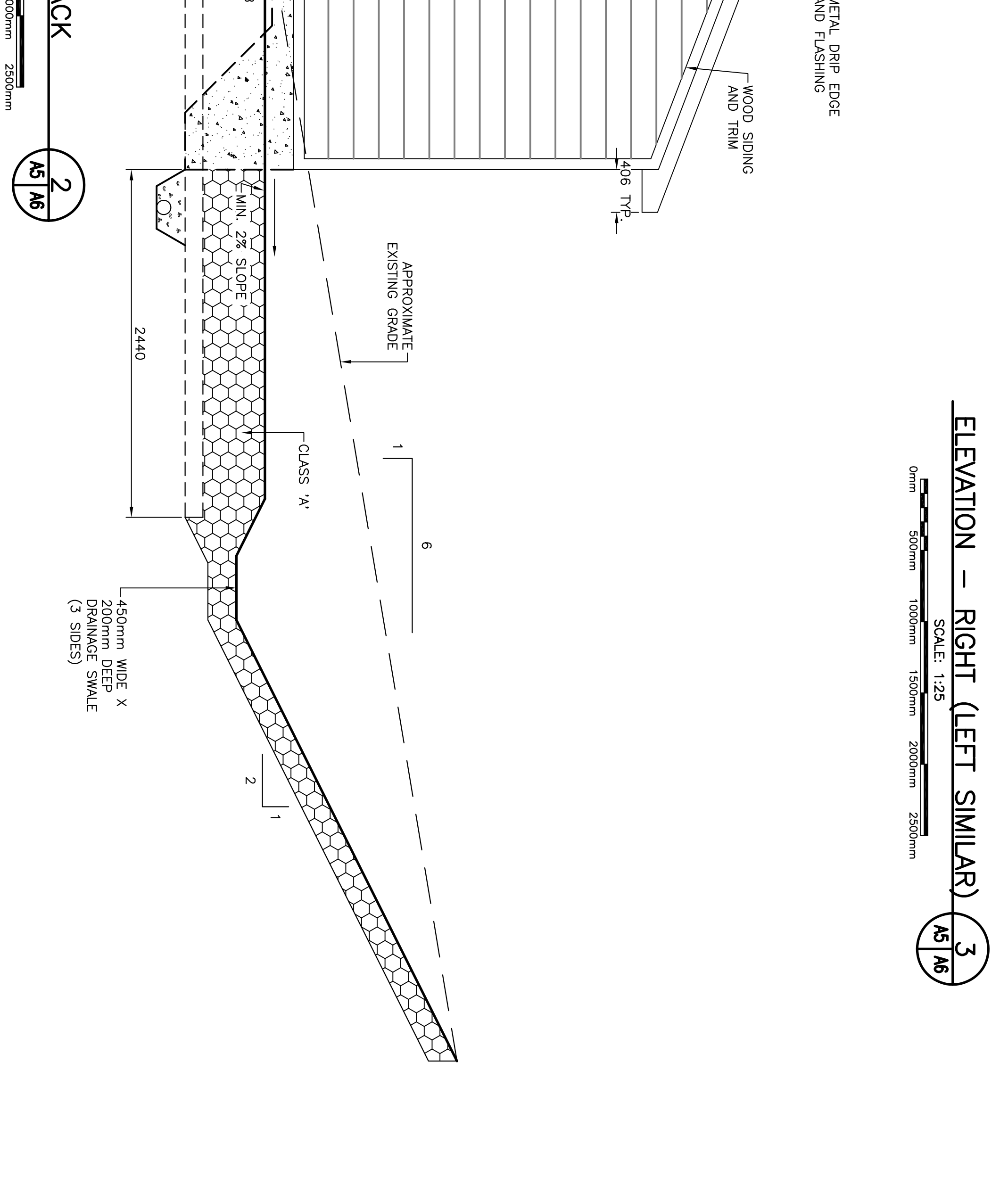
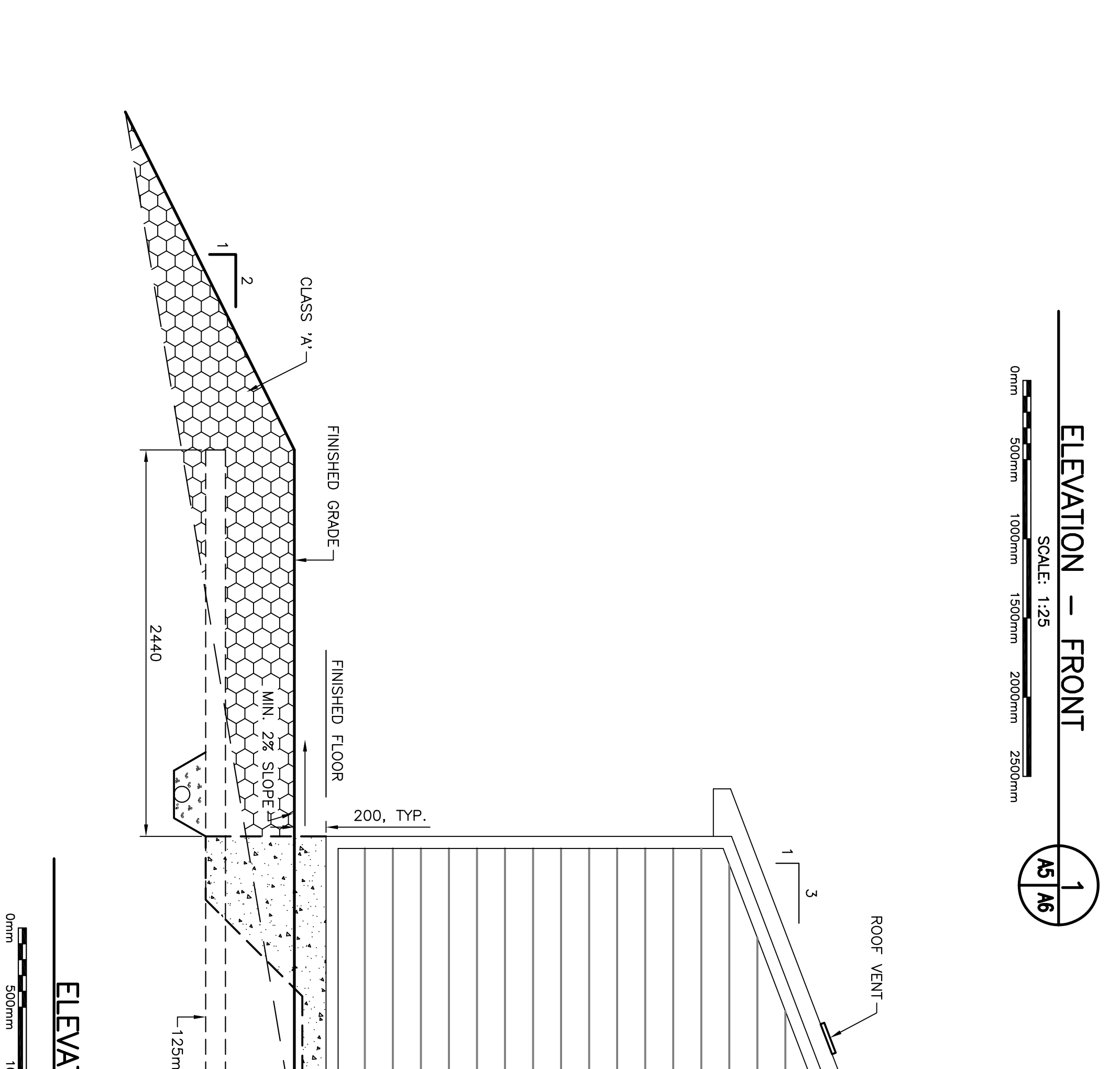
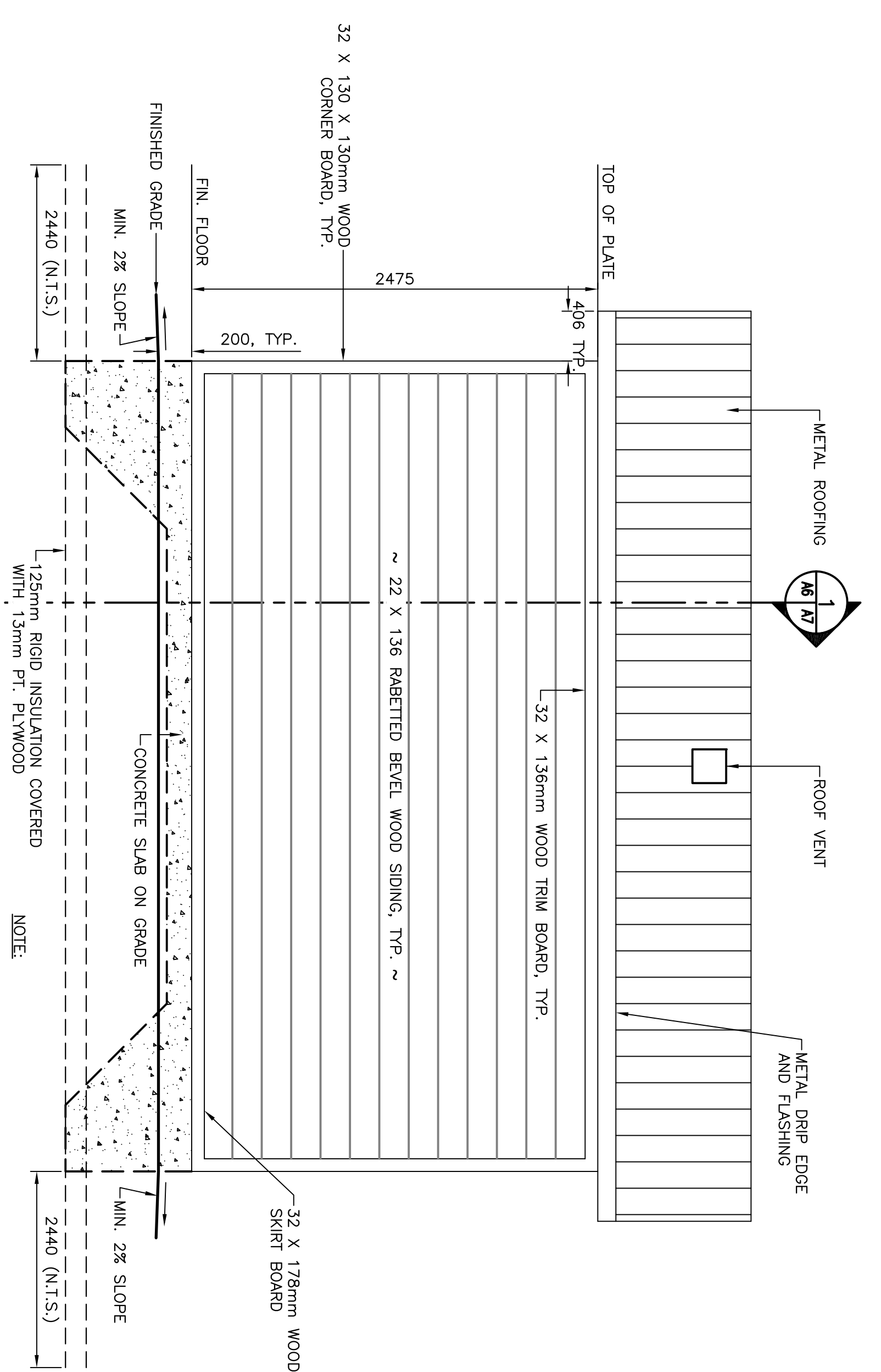
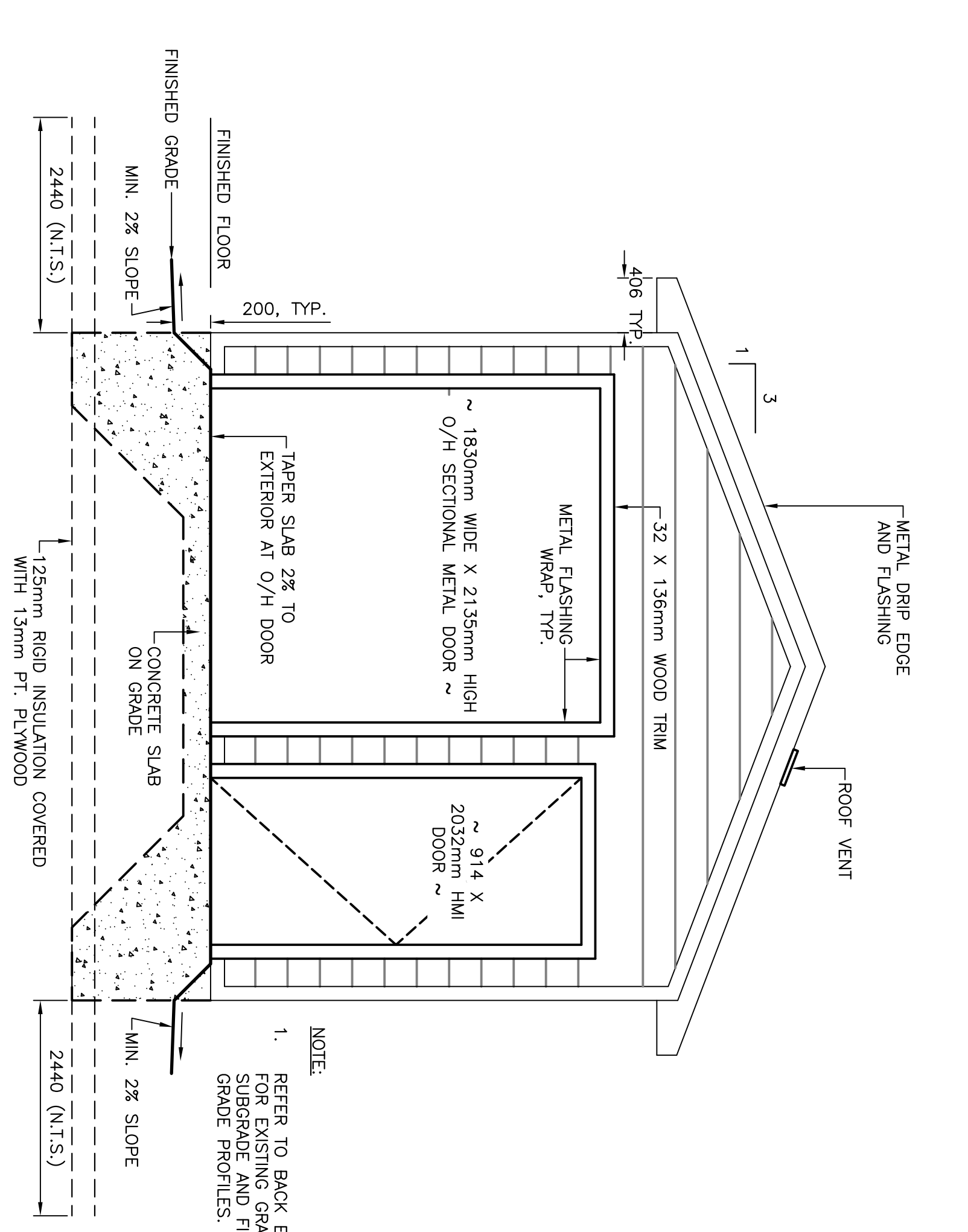


**NOTES:**

1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
2. DO NOT SCALE FROM DRAWINGS.
3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBCC.
4. EXISTING FLAMMABLE STORAGE CABINET TO BE RE-LOCATED FROM EXISTING SHED TO NEW SHED. VENT PIPING BY MECHANICAL.
5. MECHANICAL DRY FREEZE TO BE RE-LOCATED FROM EXISTING TRAILER TO NEW SHED.
6. RE-LOCATE AND RE-INSTALL MISCELLANEOUS METAL SHELVING AND PARTS STORAGE CABINET FROM EXISTING SHED TO NEW SHED.

**LEGEND:**

NIC NOT IN CONTRACT



A	no.	ISSUED FOR TENDER	7/15/17	F.H.	N.H.
no.	revision	revision	date	by	approved
Project - project				PIR	approve

TRAILER IMPROVEMENTS  
NAIN, NL

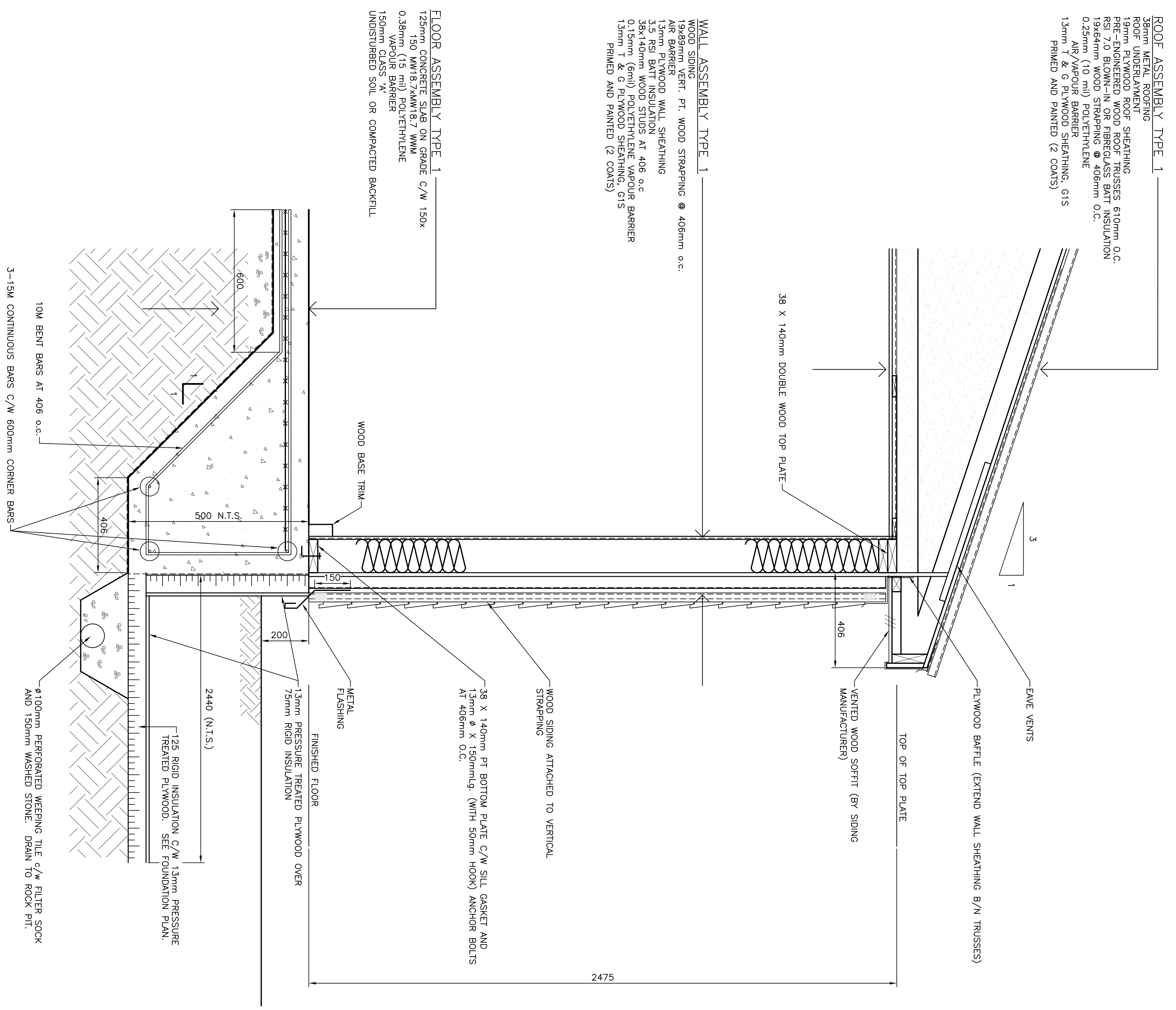
**NEW SHED ELEVATIONS**

drawn - dessiné	designed - dessiné par
F.HUNT	F.HUNT
date - date	checked - vérifié
JULY 15, 2017	F.HUNT
scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	
project no. - projet no.	drawing no. - no. du dessin
FS979-179214	14C1201B00A01A6
sheet - feuille	
A6	





- NOTES:
1. VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH WORK.
  2. DO NOT SCALE FROM DRAWINGS.
  3. WORK TO BE COMPLETED IN CONFORMANCE WITH NBCC 2015, PART 3.



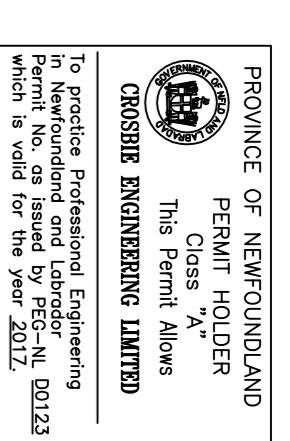
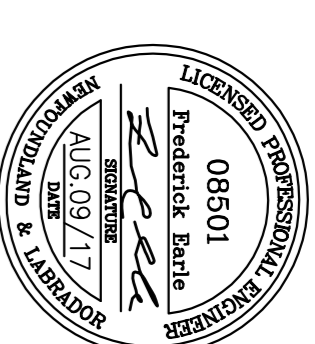
WALL SECTION  
SCALE: 1:10  
AS/AS/17

A	no.	revision	date	by	approved
		ISSUED FOR TENDER	7/15/17	F.H.	N.H.
		revision			

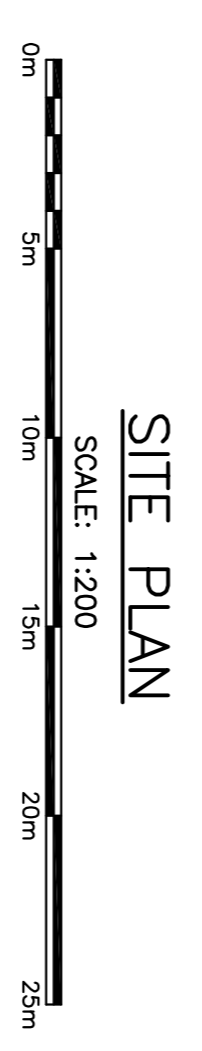
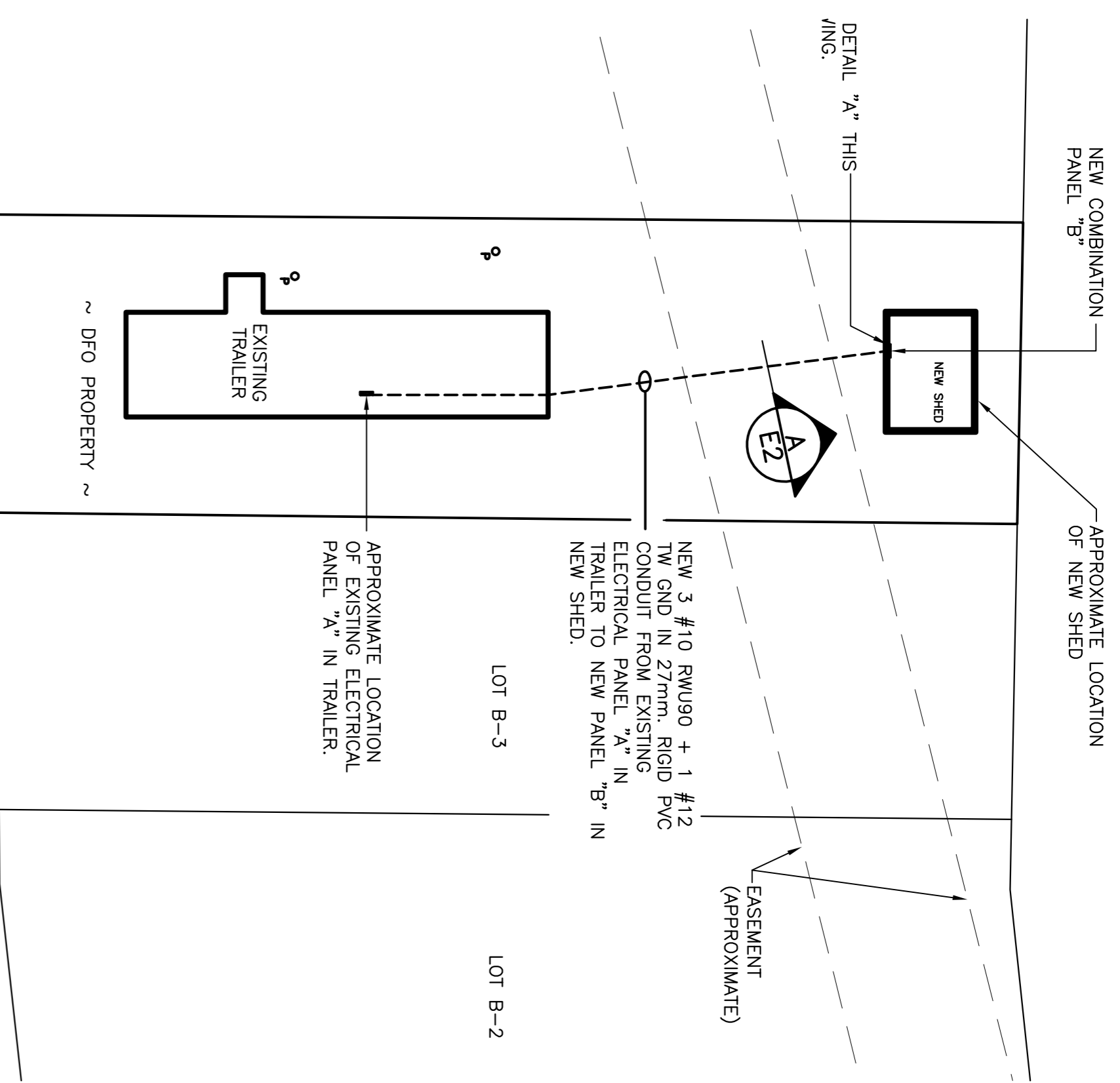
Project - projet  
TRAILER IMPROVEMENTS  
NAIN, NL

Drawing - dessin  
NEW SHED DETAILS

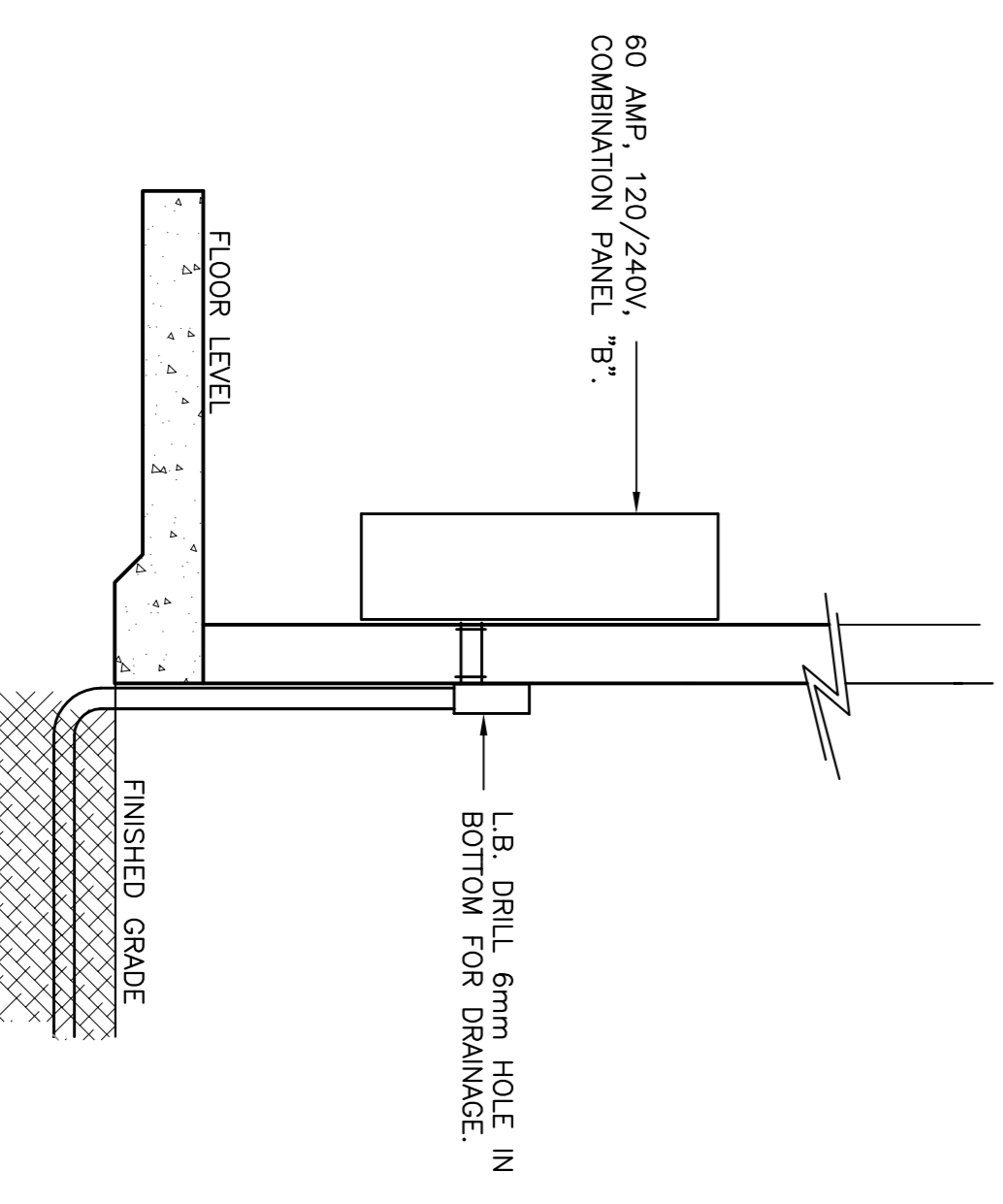
drawn - dessiné	designed - dessiné par
F.HUNT	N.HUNT
date - date	checked - vérifié
JULY 15, 2017	N.HUNT
scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	
project no. - projet no.	drawing no. - no. du dessin
FS979-179214	14C1201B00A01A7
	sheet - feuille
	A7



- GENERAL DEMOLITION NOTES:
1. CONTRACTOR TO PROVIDE ALL CUTTING, PATCHING AND PAINTING TO MATCH EXISTING. SEE SPECIFICATION FOR DETAILS. COORDINATE ON SITE.
  2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS. CONTRACTOR TO ASSESS WORK AREA IN ADVANCE WITH OWNER REPRESENTATIVE FOR COORDINATION OF RELATED DAILY WORK SCHEDULES, PARKING, BUILDING ACCESS, AND STORAGE OF EQUIPMENT.
  3. ALL WORK SHALL BE SCHEDULED DURING NORMAL WORKING HOURS. CONTRACTOR MAY WORK AFTER NORMAL WORKING HOURS AS COORDINATED BY OWNER REPRESENTATIVE.
  4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND DISPOSAL 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.
  5. 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.
  6. WORK TO BE CARRIED OUT IN CONSIDERATION OF CLIENT COMFORT AND OPERATIONS.
  7. ALL WIRING TO BE INSTALLED IN CONDUIT AS INDICATED.
  8. ACCESS TO FACILITY TO BE COORDINATED WITH OWNER REPRESENTATIVE.
  9. PROVIDE TYPED REVISED PANELBOARD DIRECTORIES FOR ALL PANELBOARDS WHERE BRANCH CIRCUITS WERE REMOVED, ADDED OR MODIFIED.
  10. LABEL ALL EQUIPMENT WITH LAMACOD TAGS AS PER SPECIFICATION.
  11. ALL EXISTING ELECTRICAL EQUIPMENT REMOVED TO BE TURNED OVER TO OWNER IF OWNER REFUSES THEN CONTRACTOR TO REMOVE FROM SITE AND DISPOSE.



SITE PLAN



DETAIL "A"

SCALE : N.T.S.

NEW SHED PANEL

VOLTS	120/240	PANEL NAME	'B'	MAINS RATED	60	AMPS	C/W 30 AMP - 2 POLE MAIN BREAKER
PHASE	1	LOCATION	BUILDING	MOUNTING SURFACE			
WIRE	3	FED FROM	PANEL "A"	ENTER AT			
DESIGNATION		WATTAGE	WIRE BKR CCT	A B	CCT BKR WIRE	WATTAGE	DESIGNATION
INTERIOR & EXTERIOR LIGHTING	300	12 15 1	2 15 / 2	12	750	750	INTERIOR HEAT
INTERIOR RECEPTACLES	360	12 15 3	4 / 2	15	8 15	8 15	SPARE
FREEZER	500	12 15 5	15	7	15 9	15 9	SPARE
BASEBOARD		15 7			10 15	10 15	SPARE
SPARE		15 9			12 15	12 15	SPARE
SPARE		15 11					
Φ A TOTAL :	1550						
Φ B TOTAL :	1110						
LOAD	2.66	kw	11	AMP			

ELECTRIC HEATER SCHEDULE

TYPE	DESCRIPTION	VOLTS	WATTS	MANUFACTURER	CAT. NO.	MOUNTING	REMARKS
A	BASEBOARD	240V, 1Ø	1500		OFM1500	WALL SURFACE	NOTES 1, 2
B	BASEBOARD	240V, 1Ø	1000		OFM1000	WALL SURFACE	NOTES 1, 2
C	BASEBOARD	240V, 1Ø	2000		OFM2000	WALL SURFACE	NOTES 1, 2
D	BASEBOARD	240V, 1Ø	750		OFM0750	WALL SURFACE	NOTES 1, 2

- NOTES
1. BOTTOM OF ELECTRIC HEATER TO BE MOUNTED 25mm. ABOVE FINISHED FLOOR.
  2. ALL HEATERS TO BE WHITE IN COLOR.

LIGHTING FIXTURE SCHEDULE

SYMBOL	LIGHT SOURCE	MOUNTING	LAMPS	VOLTS	MANUFACTURER	CAT. NO.	REMARKS
A	LED	WALL SURFACE	30W LED	120	LITHONIA	OLWX1 40W 40K	C/W INTERGRAL PHOTOCELL
B	LED	CEILING SURFACE	33W LED	120	LITHONIA	ZL1NL48500LWFS135K	C/W WQZ48 WIRE GUARD

no.	0	ISSUED FOR TENDER	8/09/17	D.R.	F.E.
no.	B	ISSUED FOR REVIEW	8/04/17	D.R.	F.E.
no.	A	ISSUED FOR REVIEW	7/31/17	D.R.	F.E.

Project - project  
 revision revision

Project - project  
 revision revision

TRAILER IMPROVEMENTS  
 NAIN, NL

Drawing - dessin  
 SITE PLAN AND ELECTRICAL  
 PANEL AND SCHEDULES

drawn - dessiné  
 D.R.

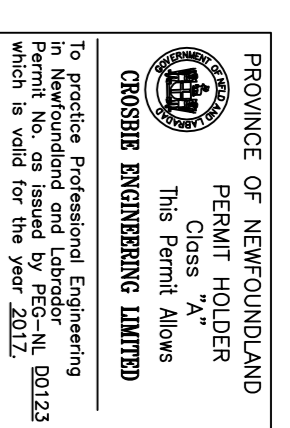
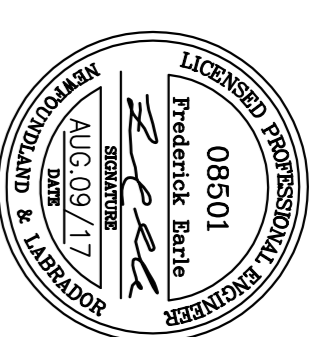
date - date  
 JULY 2017

scale - échelle  
 AS NOTED

project no. - projet no.  
 14C1201800401E1

drawing no. - no. du dessin  
 14C1201800401E1

sheet - feuille  
 E1



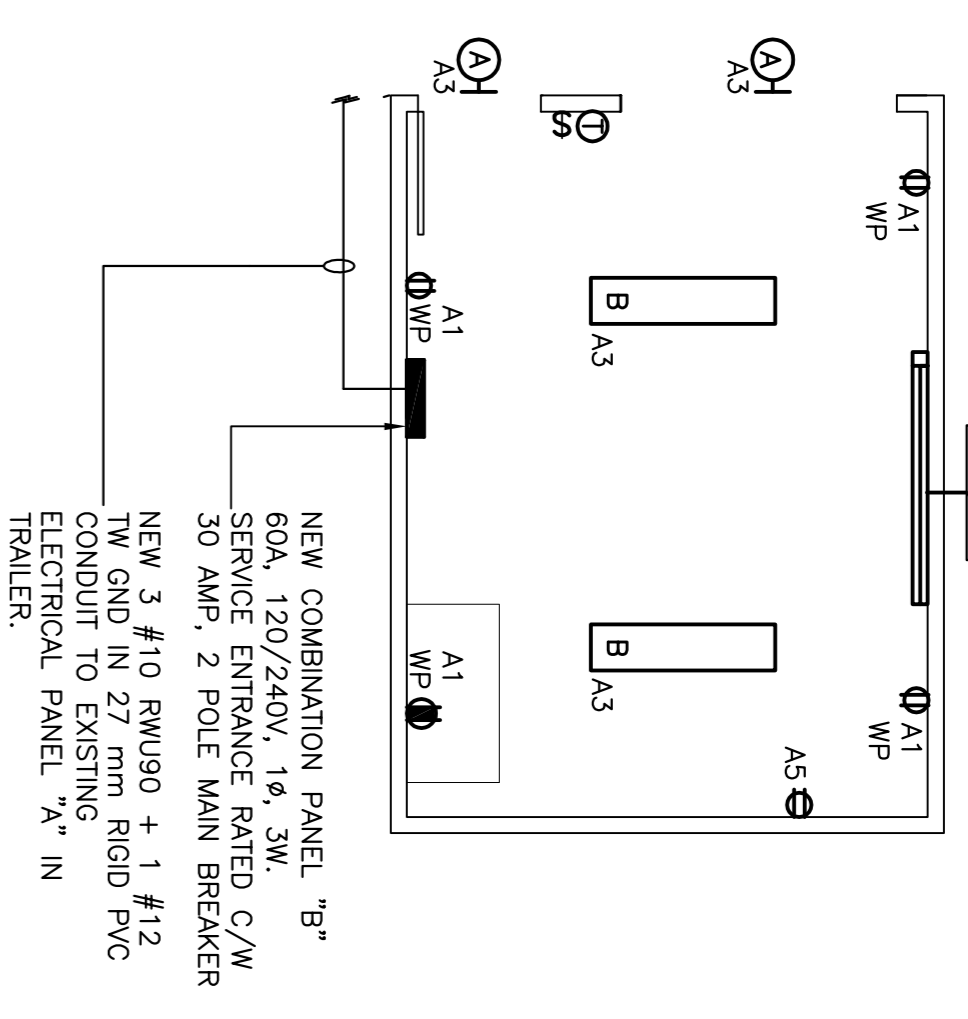
PROVINCE OF NEWFOUNDLAND  
 PERMIT HOLDER  
 The Permit Allows  
**CRUISE ENGINEERING LIMITED**  
 To practice Professional Engineering  
 in Newfoundland and Labrador  
 Permit No. as Issued by 855-N-00123  
 which is valid for the year 2017.

GENERAL DRAWING NOTES:

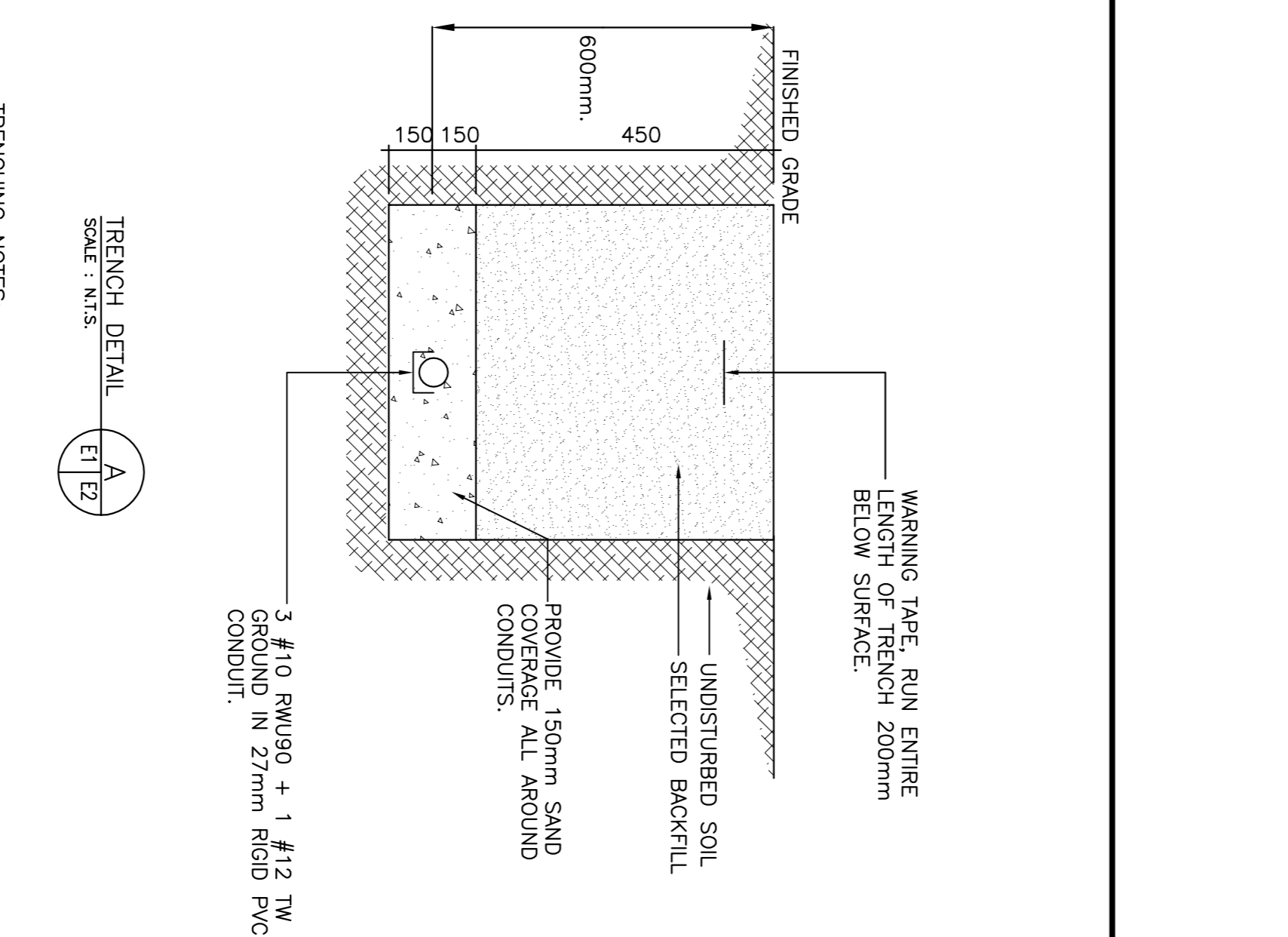
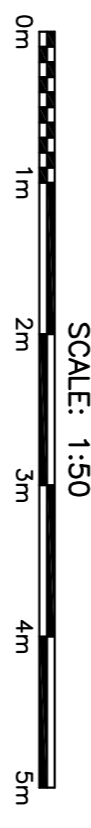
1. REPLACE ALL EXISTING ELECTRIC BASEBOARD HEATERS WITH NEW AS INDICATED ON FLOOR PLAN. SEE HEATER SCHEDULE FOR DETAILS. EXISTING 20 AMP CIRCUIT BREAKERS AND WIRING TO REMAIN FOR HEATING CIRCUITS A-23,25 AND A-27,29. EXTEND WIRING AS REQUIRED. REMOVE EXISTING 20 AMP CIRCUIT BREAKER AND WIRING FOR HEATING CIRCUIT A-24,26. SUPPLY AND INSTALL NEW 30 AMP, 2 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE AND WIRING (2 #10 NM90 PLUS GROUND). IC RATING TO MATCH EXISTING THERMOSTATS WITH THE EXCEPTION OF THE PORCH WHICH WILL BE NEW TO MATCH EXISTING.
2. REPLACE EXISTING EXTERIOR LIGHTING FIXTURES WITH NEW AS INDICATED ON FLOOR PLAN. EXISTING WIRING AND CIRCUIT BREAKERS TO REMAIN. SEE LIGHTING FEATURE SCHEDULE FOR DETAILS.
3. INSTALL RAYCHEM 5X11CT HEAT TRACE ON 3/4" WATER PIPING. LOOP HEAT TRACE SUCH THAT BOTH ENDS TERMINATE INSIDE BUILDING. PROVIDE AND INSTALL RAYCHEM RTD10CS TEMPERATURE SENSOR ON WATERLINE AND CONNECT TO G910 CONTROLLER. PROVIDE AND INSTALL RAYCHEM RTD200 AIR TEMPERATURE SENSOR. MOUNT TO EXTERIOR OF BUILDING AND CONNECT TO CONTROLLER. PROVIDE AND INSTALL 240 VOLT, 15 AMP 2 POLE CIRCUIT BREAKER AND MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE EXACT ELECTRICAL REQUIREMENTS PRIOR TO ORDERING MATERIALS AND ROUGH-IN.
4. PROVIDE AND INSTALL RAYCHEM PC POWER CONNECTION KIT. PROVIDE AND INSTALL NESSON WATER TIGHT BOXES CONDUIT TYPING AND CAPS FOR A COMPLETE NESSON WATER LINE TO BE HEAT TRACED IN CRAWL SPACE AND EXTENDED TO WATER MAIN.
5. APPROXIMATE LOCATION OF WATER LINE IN CRAWL SPACE. COORDINATE EXACT LOCATION ON SITE.
6. CONTRACTOR TO REMOVE ALL EXISTING ELECTRICAL DEVICES IN TRAILER TO FACILITATE THE INSTALLATION OF NEW DRYWALL AND PAINTING. REINSTALL ELECTRICAL DEVICES WHEN WORK IS COMPLETE.
7. SUPPLY AND INSTALL NEW 15 AMP, 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE AND WIRING (2 #14 NM90 PLUS GROUND) FOR NEW GFCl DUPLEX RECEPTACLE. IC RATING TO MATCH. MOUNT RECEPTACLE 150mm TO CENTER ABOVE COUNTER.
8. SUPPLY AND INSTALL NEW 15 AMP, 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE AND WIRING (2 #14 NM90 PLUS GROUND) FOR NEW DUPLEX RECEPTACLE (STAND-UP FREEZER). IC RATING TO MATCH.
9. SUPPLY AND INSTALL 2 NEW RECEPTACLES AND 2 DUAL VOICE/DATA OUTLETS. SUPPLY AND INSTALL NEW 15 AMP, 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE AND WIRING (2 #14 NM90 PLUS GROUND) FOR NEW DUPLEX RECEPTACLES (WORK STATIONS). IC RATING TO MATCH.
10. SUPPLY AND INSTALL NEW 15 AMP, 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE AND WIRING (2 #14 NM90 PLUS GROUND) FOR NEW DUPLEX RECEPTACLE (HRV UNIT). IC RATING TO MATCH.

LEGEND

- LED LIGHTING FIXTURE. WALL MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FEATURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- LED FLUORESCENT LIGHTING FIXTURE. CEILING MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FEATURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- SINGLE POLE TOGGLE SWITCH. 15 AMP, SPECIFICATION GRADE. WHITE C/W STAINLESS STEEL COVERPLATE. SEE SPEC. FOR MORE INFORMATION. MOUNT 1200mm ABOVE FINISHED FLOOR.
- ELECTRIC HEATER. SEE HEATER FEATURE SCHEDULE AND/OR SPECIFICATION FOR DESCRIPTION.
- LINE VOLTAGE ELECTRONIC THERMOSTAT. MOUNT 1200mm ABOVE FINISH FLOOR. RATED 3600 WATTS AT 240 VOLT.
- 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.
- 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.
- GFCl DUPLEX RECEPTACLE. 120 VOLT, 15 AMP, WHITE, SPECIFICATION GRADE C/W STAINLESS STEEL COVERPLATE. WALL MOUNT 150mm TO CENTER ABOVE COUNTER.



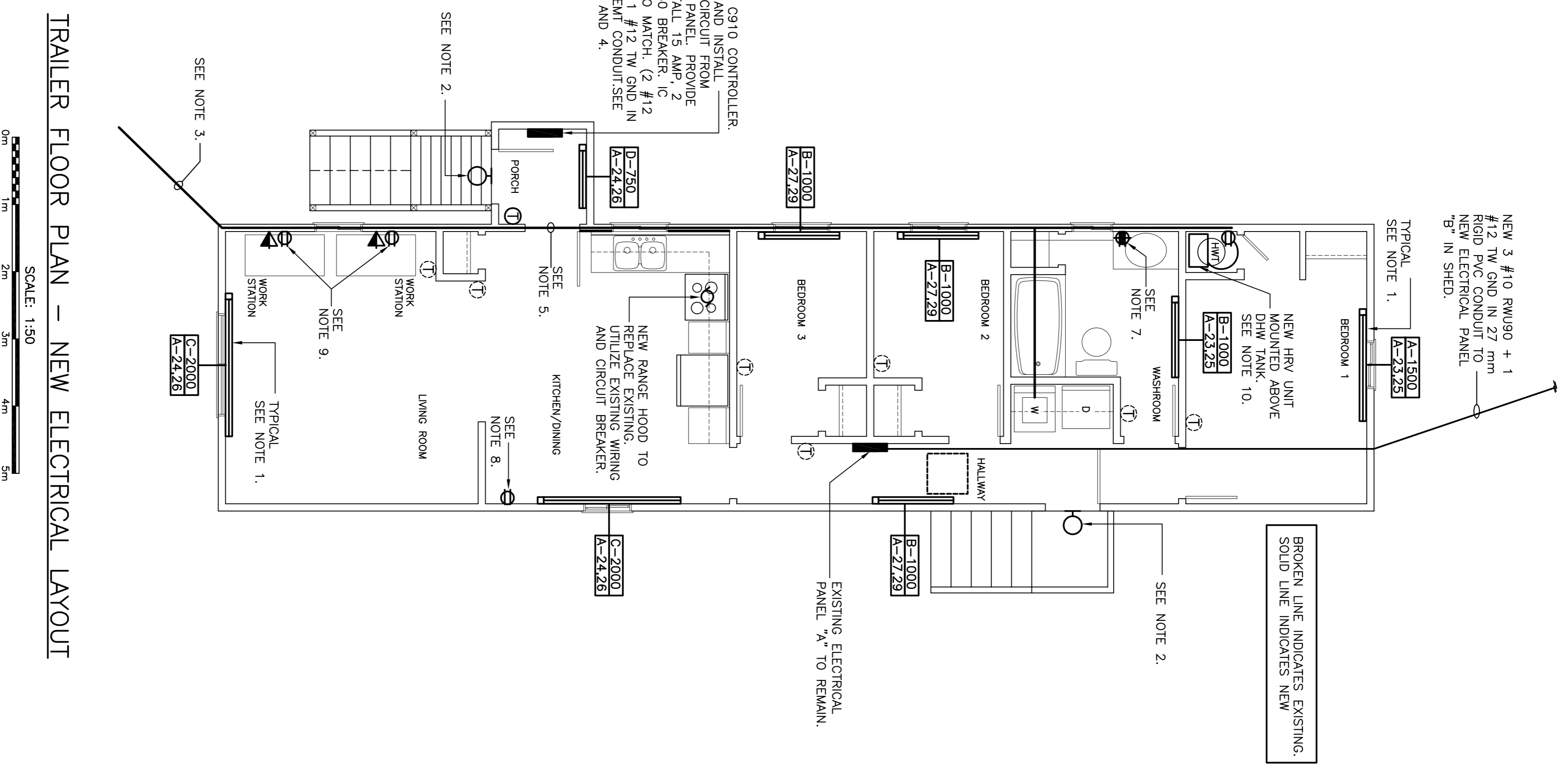
SHED FLOOR PLAN - ELECTRICAL LAYOUT



TRENCH DETAIL  
 SCALE: N.T.S.

TRENCHING NOTES:

1. ALL TRENCHES SHALL BE BACKFILLED WITH SELECTED BACKFILL AND TAMPED IN 300mm LAYERS, EXCEPT AT ROAD CROSSINGS WHERE THE BACKFILL SHALL BE THE SAME MATERIAL AS THE ROAD BED AND TAMPED IN 150mm LAYERS. EXCESS FILL SHALL BE PLACED ON TOP TO ALLOW FOR SETTLING.
2. THE DUCTS SHALL BE SUPPORTED BY APPROVED SPACERS. NO WIRE OR METAL TIES TO BE USED.
3. COPPER FISH WIRE MINIMUM #8 MUST BE INSTALLED IN ALL DUCTS.
4. ELECTRICAL DUCT MUST BE RIGID PVC OR APPROVED EQUIVALENT.
5. ALL DUCTS AND FITTINGS MUST BE CSA APPROVED.
6. ALL DUCTS ARE TO BE SECURELY CAPPED AT BOTH ENDS.
7. ALL FITTINGS, COUPLINGS AND ADAPTERS ARE TO BE SOLVENT WELD



TRAILER FLOOR PLAN - NEW ELECTRICAL LAYOUT

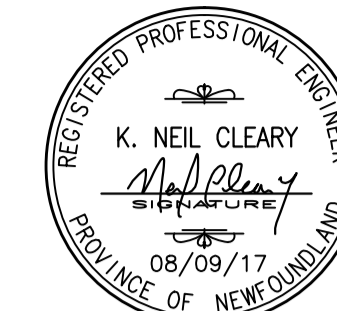


no.	revision	date	by	approved
0	ISSUED FOR TENDER	8/09/17	D.R.	F.E.
B	ISSUED FOR REVIEW	8/04/17	D.R.	F.E.
A	ISSUED FOR REVIEW	7/31/17	D.R.	F.E.

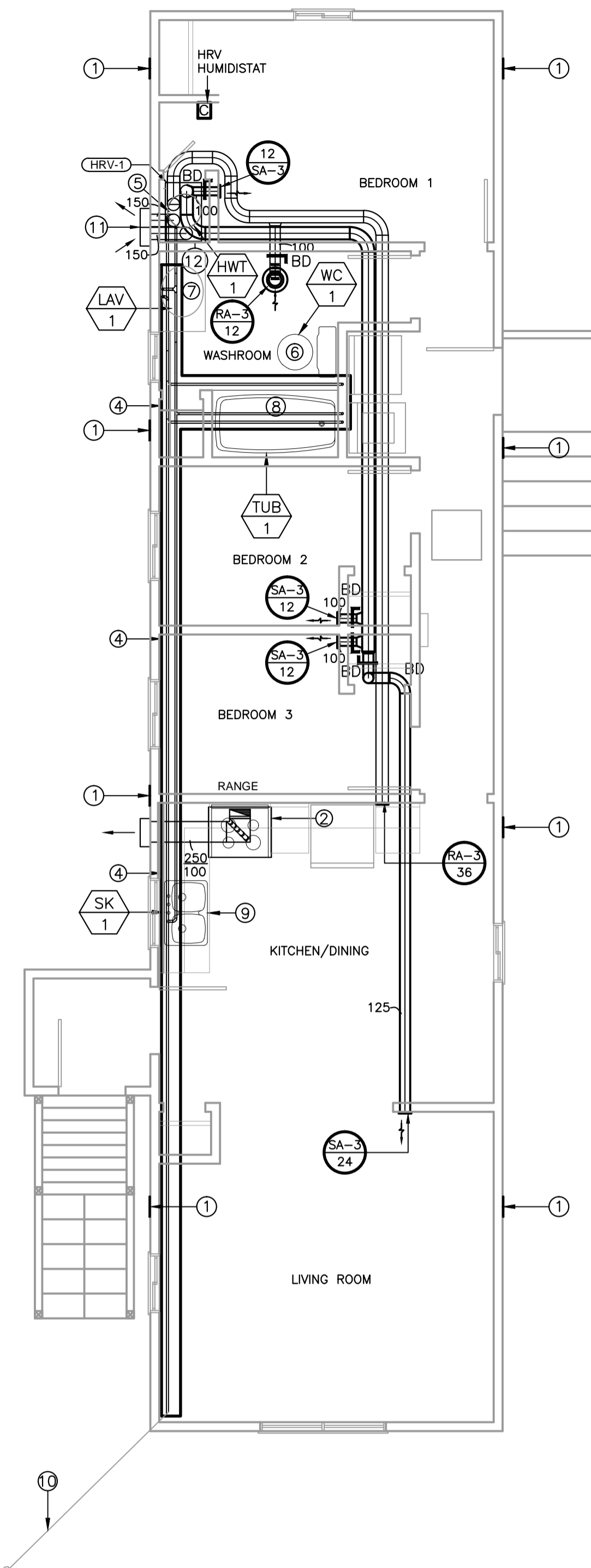
Project - project  
 TRAILER IMPROVEMENTS  
 NAIN, NL

Drawing - dessin  
 FLOOR PLANS - NEW ELECTRICAL LAYOUT AND LEGEND

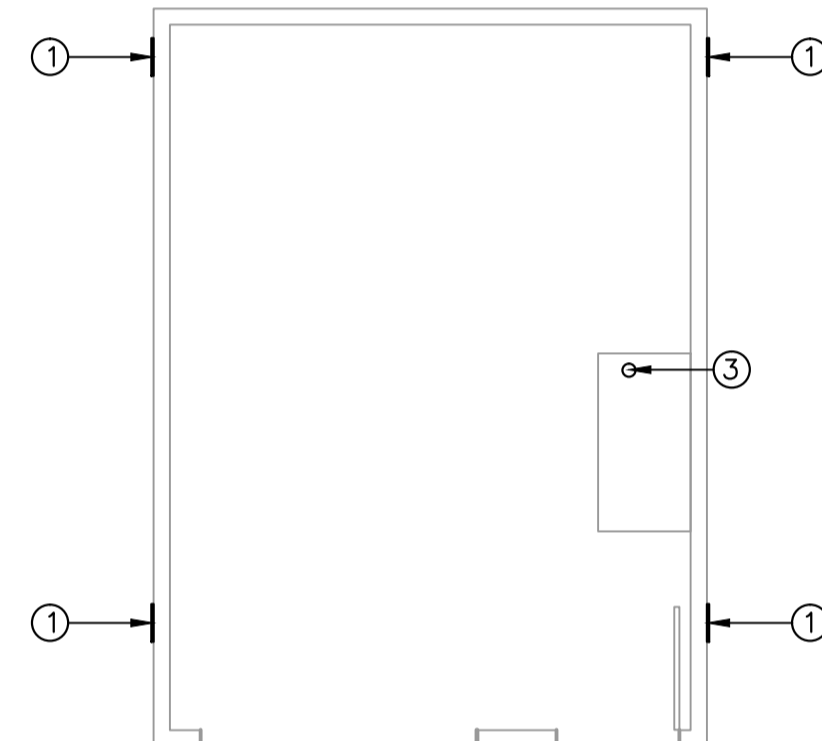
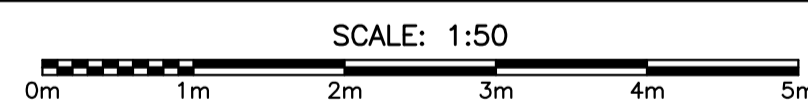
drawn - dessiné D.R.	designed - dessiné par F.E.
date - date JULY 2017	checked - vérifié F.E.
scale - échelle AS NOTED	approved for tender - approuvé pour l'offre
project no. - projet no. F6879-179214	drawing no. - no. du dessin 14C1201800401E2
	sheet - feuille E2



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 2017.



FLOOR PLAN – NEW PLUMBING & VENTILATION LAYOUT



SHED FLOOR PLAN – NEW VENTILATION LAYOUT



DRAWING NOTES:

- ① PROVIDE NEW VENTING FOR CRAWLSPACE BELOW, SIZE 250mm X 300mm IN SIZE.
- ② EXISTING RANGE HOOD TO BE REPLACED WITH NEW. EQUAL TO BROAN QT230WWN, 84L/s, 25Pa, 0.2 hP, 120/1/60.
- ③ PROVIDE NEW VENT PIPING FROM STORAGE INCLOSURE TO ROOF. 50mmØ VENT UP, INCREASING TO 75mmØ THRU ROOF
- ④ ALL DOMESTIC HOT AND COLD PIPING SHALL BE HEAT TRACED AND THERMALLY INSULATED UNDER TRAILER. ELECTRICAL TO SUPPLY AND INSTALL HEAT TRACING AND MECHANICAL TO PROVIDE PIPE INSULATION 50mm THICK C/W WEATHERPROOF CASING. COORDINATE ON SITE.
- ⑤ REPLACE EXISTING HOT WATER TANK WITH NEW DOMESTIC HOT WATER TANK. RE CONNECT HOT AND COLD WATER PIPING. SEE SCHEDULE ON THIS SHEET.
- ⑥ REMOVE EXISTING WATER CLOSET, DISPOSE OFF SITE. REPLACE WITH NEW FIXTURE AS INDICATED.
- ⑦ REMOVE EXISTING LAVATORY INCLUDING TRAP, AND HOT AND COLD SUPPLIES AND DISPOSE OFF SITE. REPLACE WITH NEW LAVATORY AS INDICATED. PROVIDE ANY NEW SANITARY PIPING OR HOT AND COLD PIPING TO RECONNECT.
- ⑧ REMOVE EXISTING TUB UNIT INCLUDING TRAP, AND HOT AND COLD SUPPLIES AND DISPOSE OFF SITE. REPLACE WITH NEW TUB AS INDICATED. PROVIDE ANY NEW SANITARY PIPING OR HOT AND COLD PIPING TO RECONNECT.
- ⑨ REMOVE EXISTING SINK INCLUDING TRAP, AND HOT AND COLD SUPPLIES AND DISPOSE OFF SITE. REPLACE SINK WITH NEW AS INDICATED, PROVIDE ANY NEW SANITARY PIPING OR HOT AND COLD PIPING TO RECONNECT.
- ⑩ EXISTING WATER MAIN TO BE HEAT TRACED AND INSULATED. PROVIDE UNDERGROUND CASING TO SUIT UNDER GROUND CONDITIONS. COORDINATE WITH ALL TRADES.
- ⑪ THERMALLY INSULATED SUPPLY/EXHAUST DUCT TO RUN TO EXTERIOR FROM HRV. INSTALL WALL CAP C/W BIRD SCREEN. TRANSITION TANDAM WALL CAP MODEL VENMAR 14690.
- ⑫ ALL HRV UNITS ARE TO BE SUSPENDED FROM CEILING STRUCTURE PROVIDE AND INSTALL WALL MOUNTED CONTROLLER C/W 24 VOLT WIRING. INSTALL 20mmØ CONDENSATE DRAIN. DRAIN TIE INTO NEAREST DRAIN.

GENERAL NOTES:

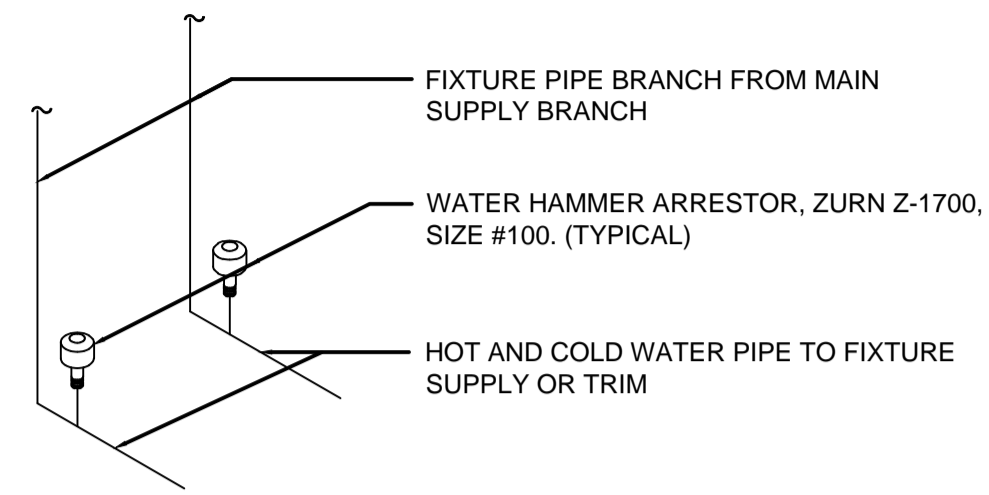
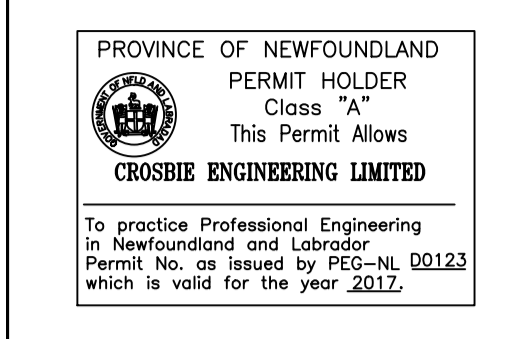
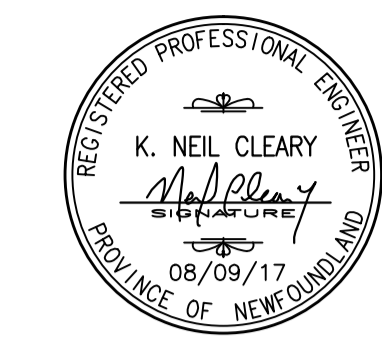
1. VARIATION IN DUCTWORK ROUTING TO BE COORDINATED & APPROVED BY OWNER.
2. CONTRACTOR TO PROVIDE ALL OFFSETS FOR DUCT CROSSOVERS.
3. ALL SUPPLY DUCTWORK TO BE THERMALLY INSULATED
4. CONDENSATE DRAIN LINES FOR ALL HRV'S TO BE DRAINED TO PLUMBING.
5. FOLLOW MANUFACTURE'S RECOMMENDATIONS FOR INSTALLATION, CLEARANCES BALANCING AND ANY OTHER FORESEEN ITEMS FOR ALL EQUIPMENT INSTALLED.

0	ISSUED FOR TENDER	08/09/17	B.D.	N.C.
no.	revision	date	by	approved
	revision	date	par	approve

Project – projet  
**TRAILER IMPROVEMENTS**  
 NAIN, NL

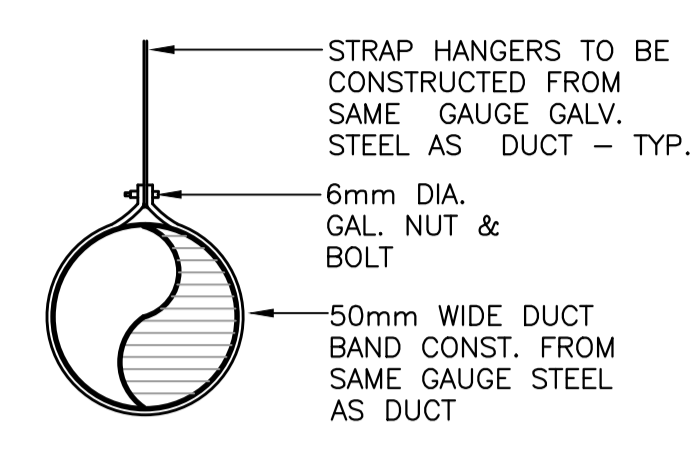
Drawing – dessin  
**FLOOR PLAN – NEW MECHANICAL LAYOUT AND SCHEDULES**  
 drawn – dessine B.D. designed – dessiné par N.C.  
 date – date JULY 2017 checked – vérifié N.C.  
 scale – échelle AS NOTED approved for tender – approuvé pour l'offre

PLUMBING FIXTURE AND TRIM SCHEDULE																					
FIXTURE TAG	MANUF.	MODEL NO.	COLOUR	WATER CLOSET & URINAL TRIM				SINK & LAVATORY TRIM				SHOWER & BATH TRIM			MOUNTING	ROUGHING				REMARKS	
				SUPPLY/VALVE	TANK	CARRIER	SEAT	FAUCET	WASTE	TRAP	SUPPLIES	CARRIER	HEAD	FAUCET OR MIXING VALVE		WASTE & OVERFLOW	WASTE	VENT	HOT WATER		COLD WATER
WC-1	AMERICAN STANDARD	CADET FLOWISE 2467.100	WHITE	DELTA 47T1316SD	Y	-	BEMIS 2L2150T	-	-	-	-	-	-	-	FLOOR MTD.	75mm	40mm	-	12mm	BARRIER FREE, ELONGATED 419mm HIGH BOWL.	
TUB-1	LONGEVITY	ESSENTIA 2060 (LEFT SIDE)	WHITE	-	-	-	-	-	-	-	-	-	-	DELTA T13H253-25	Y	FLOOR MTD.	50mm	40mm	12mm	12mm	INSTALL GRAB BARS, C/W INTERGRAL OVERFLOW AND UNIVERSAL BATH DRAIN. & RIO000-UNWS VALVE.
LAV-1	MATRIX DESIGNS	2237RSW	WHITE	-	-	-	-	DELTA 21C134	DELTA 33T290	DELTA 33T311	DELTA 47T2512SD	-	-	-	COUNTER MTD.	32mm	40mm	12mm	12mm	INTEGRAL SINK AND VANITY TOP SUPPLIED BY ARCHITECTURAL. PIPES TO BE INSULATED WHERE EXPOSED.	
SK-1	KINDRED FRANKE	LBD6408-1	S.S.	-	-	-	-	DELTA 27C4834	CRUMB CUP STRAINER	DELTA 33T360	DELTA 47T2512SD	-	-	-	COUNTER MTD.	50mm	40mm	12mm	12mm	BARRIER FREE C/W 89mm CRUMB CUP STRAINER, LEDGE BACK DRILLED FOR 203mm O.C. DECK FAUCET. ALL PIPES TO BE INSULATED WHERE EXPOSED & C/W R2570-MIXLF THERMOSTATIC MIXING VALVE.	
HWT-1	NEW HWT-1, 40 GALLON RHEEM STAINLESS STEEL HOT WATER TANK. 4500 WATT ELEMENT, 240/1/60 VOLT. DIMENSIONS OF 553mmØ, 1664mm HEIGHT.																				

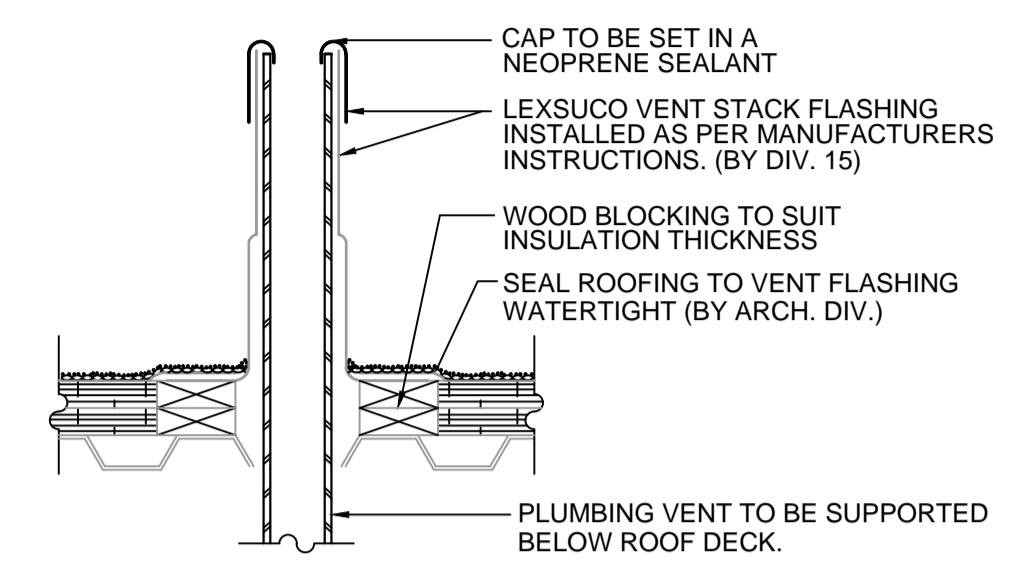


**WATER HAMMER ARRESTOR DETAIL** 9  
SCALE = N.T.S. M-2

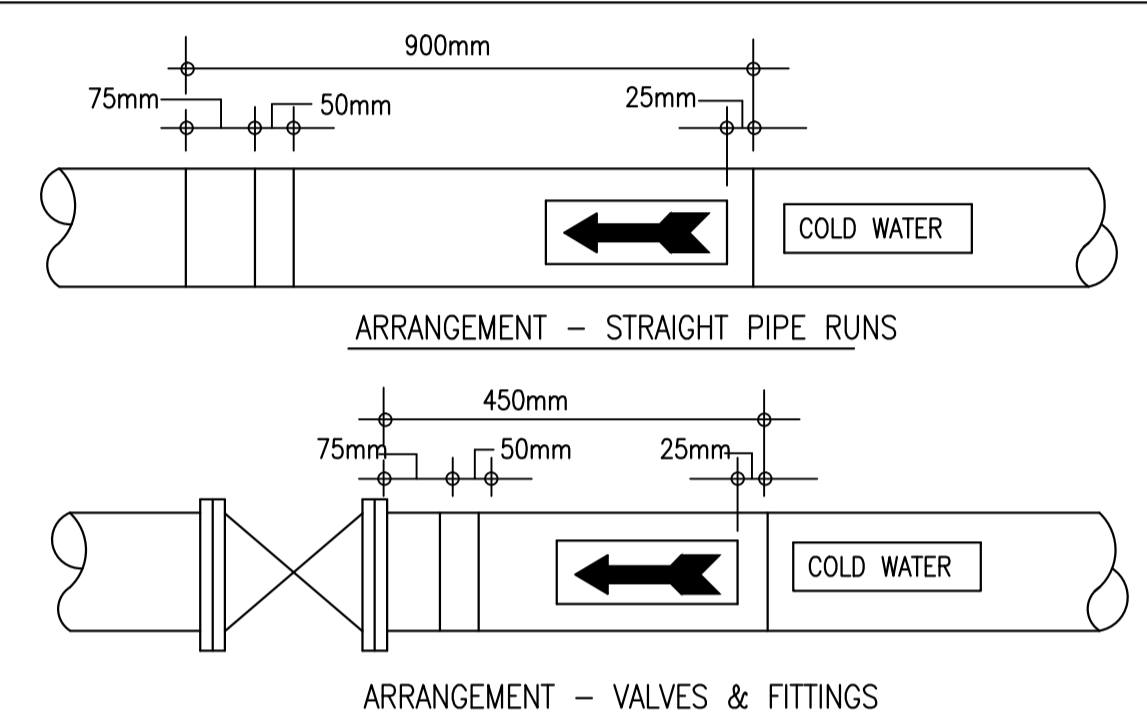
**NOTES:**  
 1.) ALL HANGER STRAPS & HANGER RODS SHALL BE FIRMLY SUPPORTED FROM THE STRUCTURE.  
 2.) DUCT SUPPORT UP TO 1500mm DUCT DIM. SHALL BE INSTALLED @ 1200mm c/c MAX.



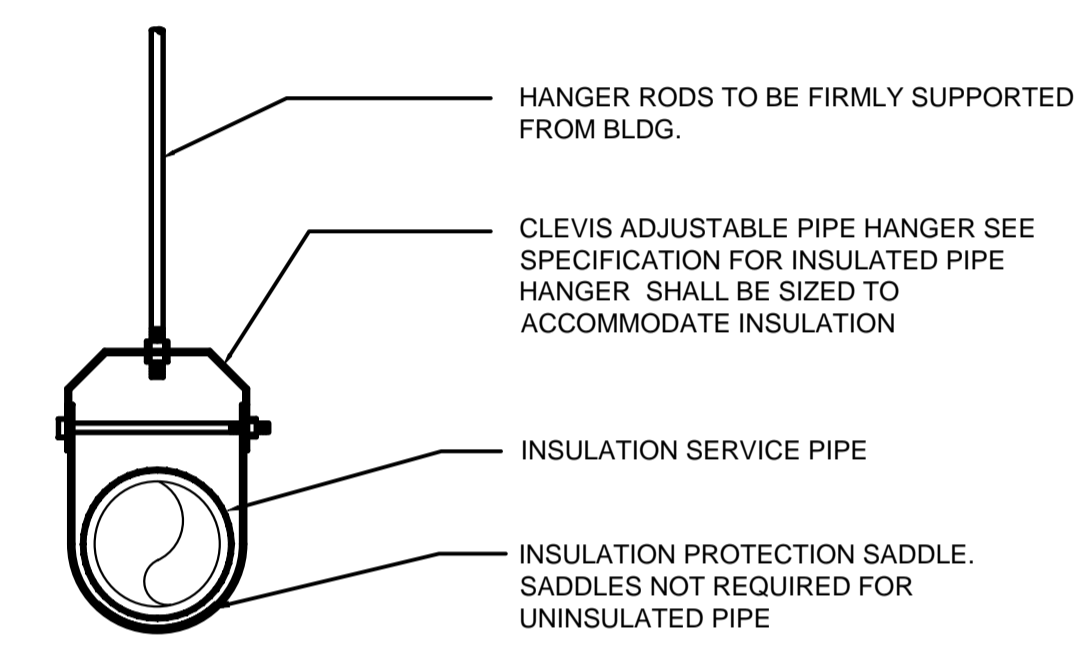
**TYPICAL DUCT SUPPORTS DETAIL** 5  
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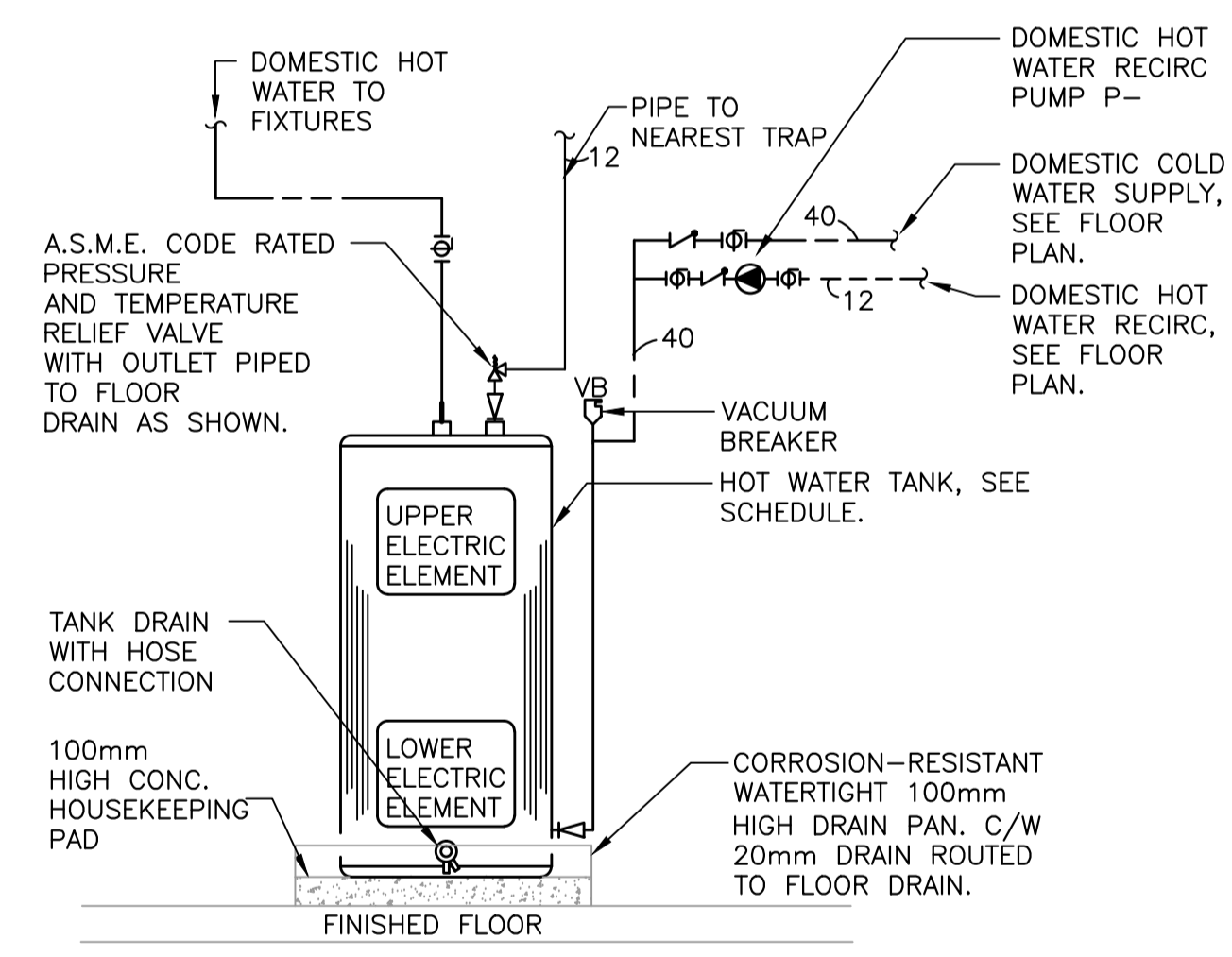
**TYPICAL VENT FLASHING** 1  
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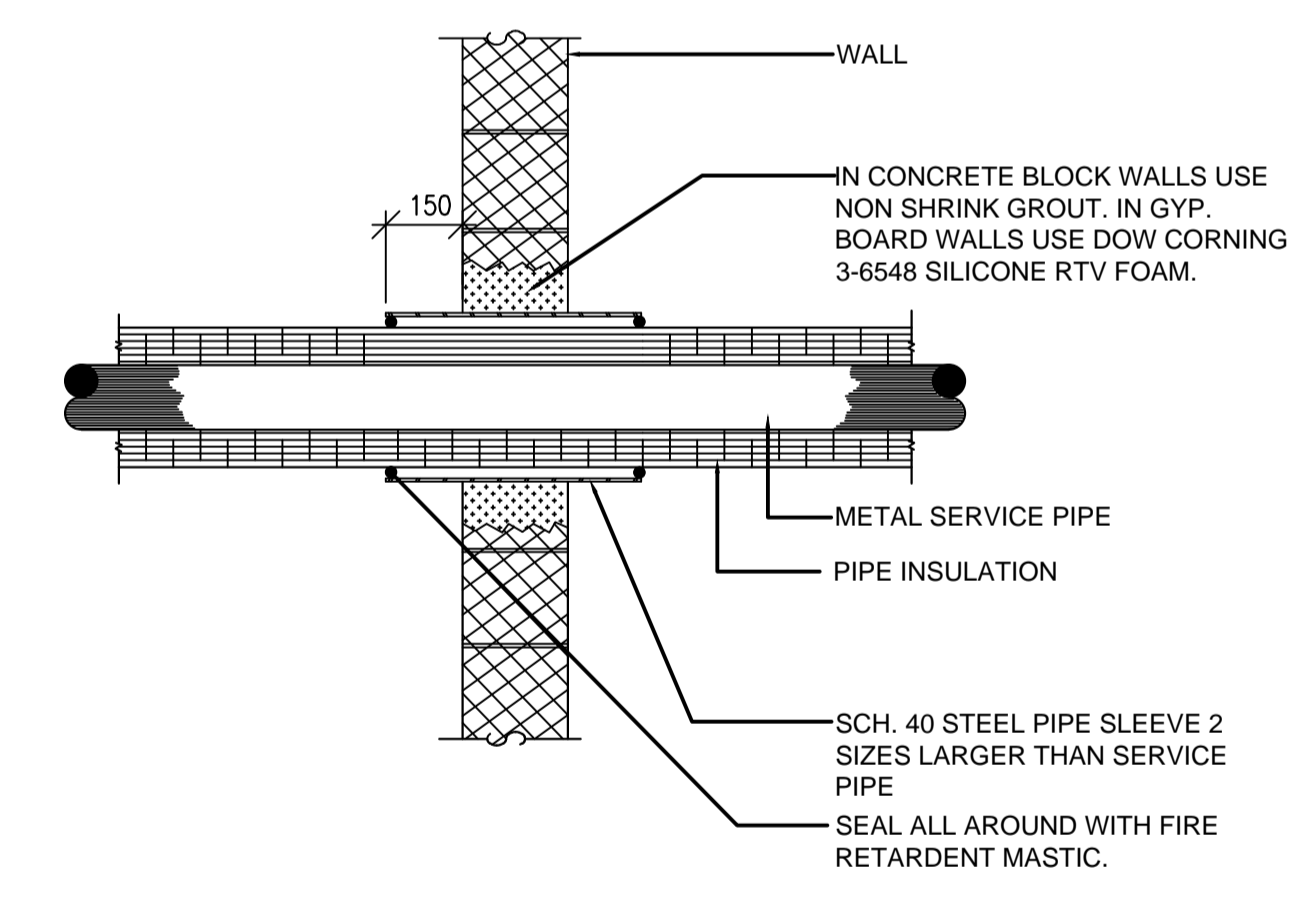
**PIPING SYSTEM IDENTIFICATION DETAILS** 6  
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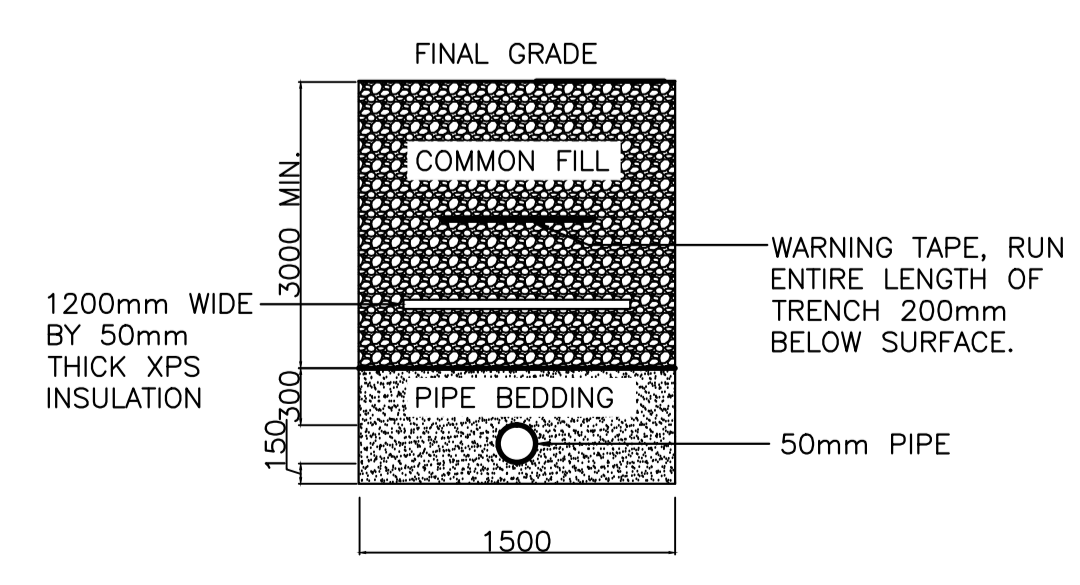
**TYPICAL CLEVIS PIPE HANGER** 2  
SCALE = N.T.S. M-2



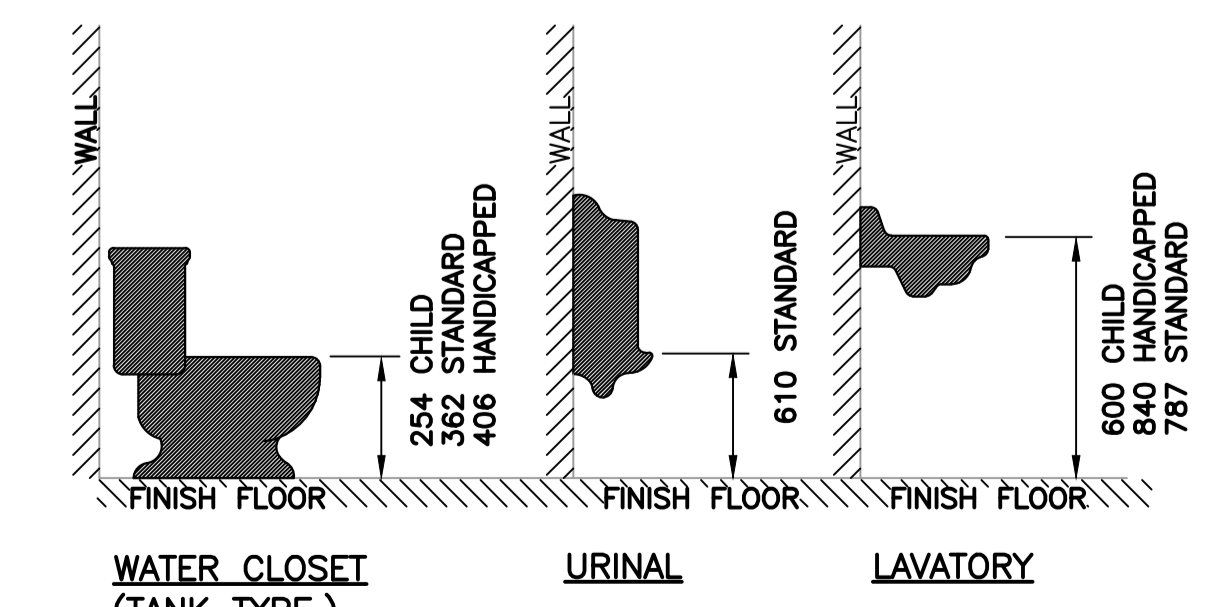
**DOMESTIC HOT WATER TANK PIPING DETAIL** 7  
SCALE = N.T.S. M-2



**SERVICE PIPE PENETRATING NON-RATED WALL** 3  
SCALE = N.T.S. M-2



**DETAIL - TYP. WATER MAIN TRENCH** 8  
SCALE = N.T.S. M-2



**PLUMBING FIXTURE MTG. STANDARDS** 4  
SCALE = N.T.S. M-2

0	ISSUED FOR TENDER	08/09/17	B.D.	N.C.
no.	revision	date	by	approved
no.	revision	date	par	approve
Project - projet				
TRAILER IMPROVEMENTS				
NAIN, NL				
Drawing - dessin				
<b>MECHANICAL DETAILS</b>				
drawn - dessine	B.D.	designed - dessin par	N.C.	
date - date	JULY 2017	checked - verifie	N.C.	
scale - echelle	AS NOTED	approved for tender - approuve pour l'offre		
project no. - projet no.	F6879-179214	drawing no. - no du dessin	14C1201B00401M2	sheet - feuille
				M2

