

KOUCHIBOUGUAC NATIONAL PARK

SOUTH CAMPGROUND SERVICE BUILDING C



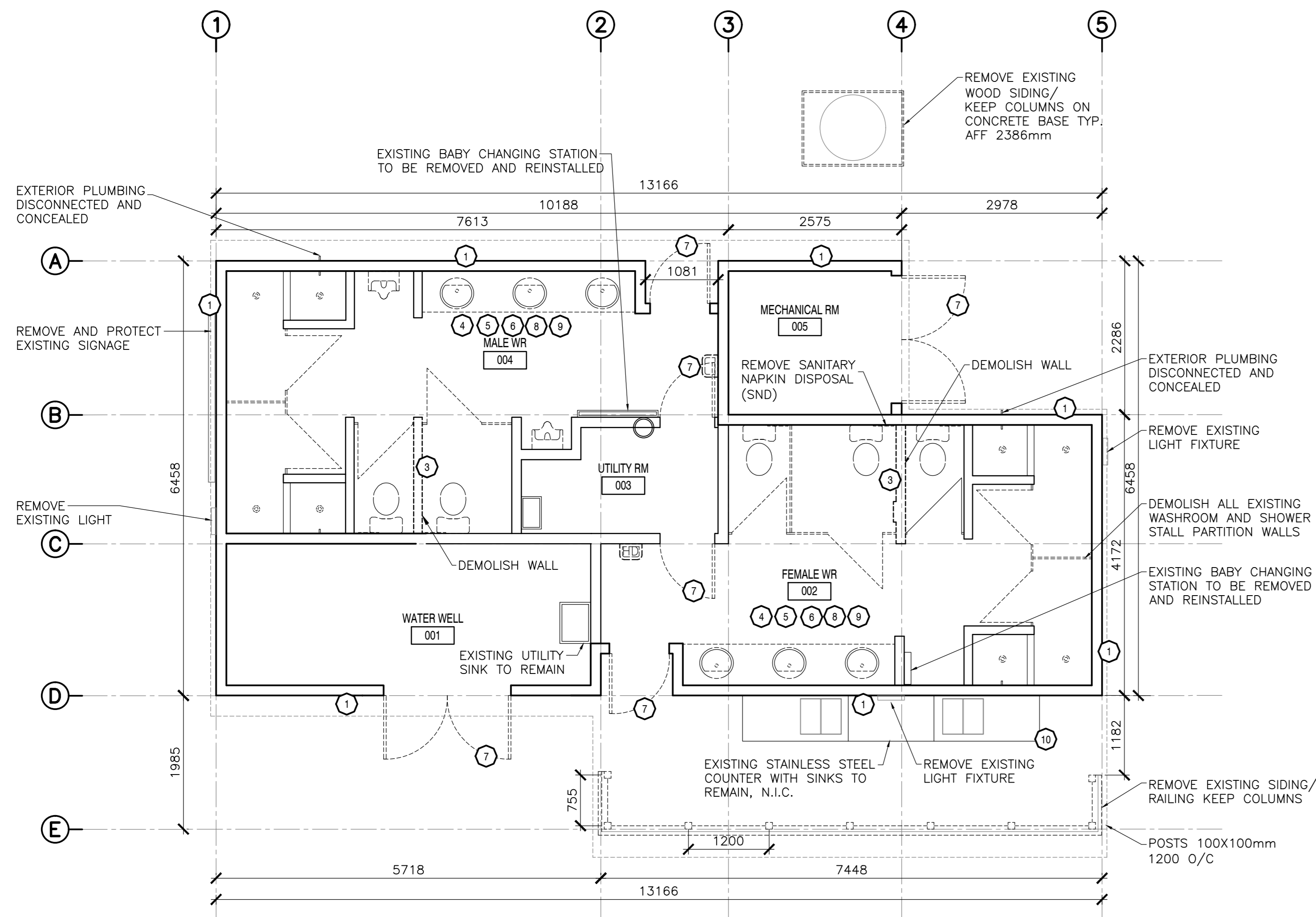
ARCHITECTURAL
A-101 DEMOLITION PLANS
A-102 PLANS, SCHEDULE, ASSEMBLIES
A-201 BUILDING ELEVATIONS
A-202 FEMALE WASHROOM
A-203 MALE WASHROOM
A-501 MISCELLANEOUS DETAILS
A-601 WASHROOM MILLWORK
A-602 SCREEN DETAILS

MECHANICAL:
H-101 MECHANICAL SERVICES, DEMOLITION
AND NEW CONDITIONS

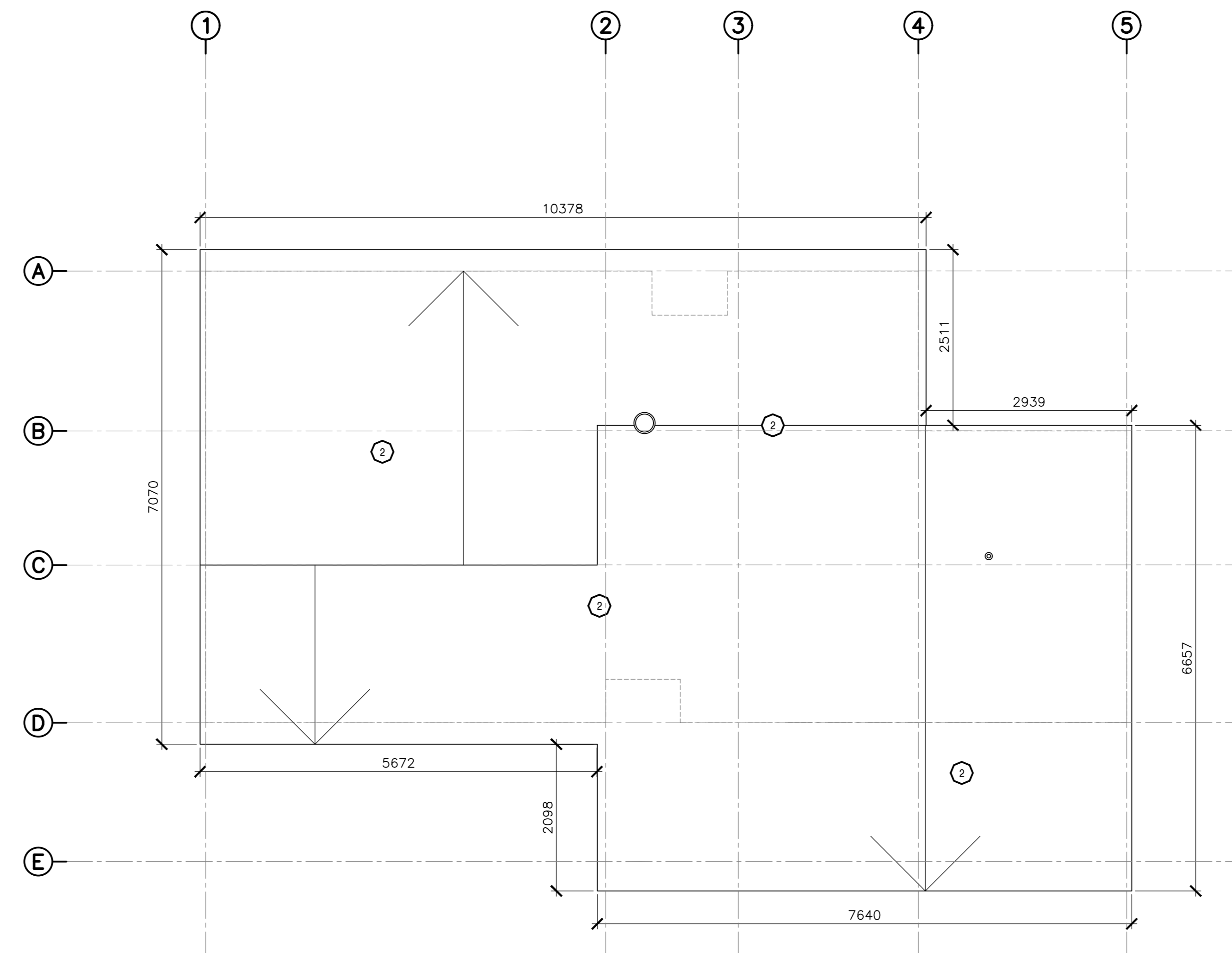
ELECTRICAL:
E-101 LEGENDS, FIXTURE AND PANEL SCHEDULES
E-102 DEMOLITION, REVISED LIGHTING AND POWER PLANS



ISSUED FOR TENDER
JANUARY 31, 2018



1 'C' - EXISTING/DEMOLITION
SCALE: 1:50



2 'C' ROOF PLAN - EXISTING/DEMOLITION
SCALE: 1:50

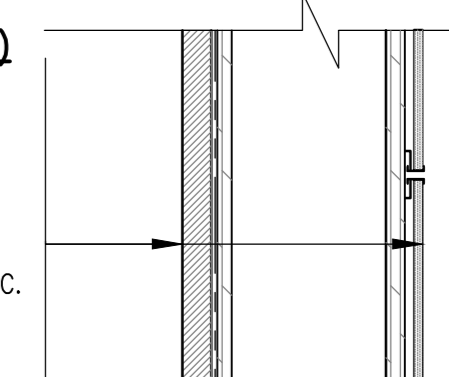
SYMBOL	DESCRIPTION
①	CONTRACTOR TO REMOVE ALL EXISTING EXTERIOR CLADDING ASSEMBLY, INCLUDING STRAPPING, RIGID INSULATION AND BUILDING PAPER WHERE APPLICABLE. PREPARE FOR NEW ASSEMBLIES. EXTERIOR WALL SHEATHING TO BE ASSESSED FOR RECEIVING NEW SIDING. EXISTING FLASHING AND TRIMS TO BE REMOVED AND PREPARED TO RECEIVE NEW. ANY DAMAGED COMPONENTS OF THE EXISTING ASSEMBLY TO BE REPORTED TO PARKS CANADA REPRESENTATIVE. PREPARE SURFACES FOR NEW ASSEMBLY. REFER TO EXISTING AND NEW ASSEMBLIES.
②	CONTRACTOR TO DEMOLISH ALL EXISTING ROOF SHINGLES AND UNDERLAYMENT. PREPARE FOR NEW ASSEMBLIES. EXTERIOR ROOF SHEATHING TO BE ASSESSED FOR RECEIVING NEW ROOFING. ANY DAMAGE TO ROOF SHEATHING, ROOF / WALL TRANSITIONS AND ROOF SUB-STRUCTURE TO BE REPORTED TO PARKS CANADA REPRESENTATIVE. EXISTING FLASHING TO BE REMOVED. PREPARE SURFACES TO RECEIVE NEW FLASHING AT TRANSITIONS, ROOF PENETRATIONS AND WHERE REQUIRED. ROOF FASCIA BOARDS AND GUTTERS TO BE REMOVED AND REPLACED WHERE APPLICABLE. REFER TO EXISTING AND NEW ASSEMBLIES.
③	CONTRACTOR TO REMOVE EXISTING INTERIOR PARTITION WALL, AS INDICATED IN ARCHITECTURAL DRAWINGS. MAKE ALL WALL, CEILING, FLOOR SURFACES GOOD TO RECEIVE NEW FINISH. REFER TO ARCHITECTURAL DRAWINGS FOR PROPOSED FINISHES.
④	CONTRACTOR TO REMOVE EXISTING FLOORING AND PREPARE SLAB FOR NEW FLOOR FINISH. CONTRACTOR TO ADDRESS ANY DRAINAGE DAMAGE/ISSUES - (TO BE CONFIRMED WITH PARKS CANADA). REFER TO ARCHITECTURAL DRAWINGS FOR PROPOSED FINISHES.
⑤	CONTRACTOR TO REMOVE EXISTING INTERIOR WALL PANELING - FRP AND ANY DAMAGED PLYWOOD SUBSTRATE. REFER TO ARCHITECTURAL DRAWINGS FOR PROPOSED FINISHES.
⑥	CONTRACTOR TO REMOVE EXISTING CEILING ASSEMBLIES AND CEILING SUSPENSION SYSTEMS, INCLUDING AIR RETURNS AND LIGHT FIXTURES. REFER TO ARCHITECTURAL DRAWINGS FOR PROPOSED FINISHES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DEMO AND PROPOSED PLANS.
⑦	CONTRACTOR TO REMOVE EXISTING EXTERIOR AND INTERIOR DOORS. PREPARE OPENINGS TO RECEIVE NEW. REPLACE ANY DAMAGED FLASHING. REFER TO ARCHITECTURAL DRAWINGS FOR DOOR, HARDWARE AND FINISH SCHEDULE.
⑧	CONTRACTOR TO REMOVE ALL FIXTURES AND FINISHES FROM THE EXISTING WASHROOMS AND PREPARE FOR NEW FINISHES. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURES DEMOLITION AND PROPOSED PLAN.
⑨	CONTRACTOR TO REMOVE ALL EXISTING WASHROOM ACCESSORIES AND PREPARE ALL SURFACES FOR NEW, INCLUDING EXISTING WASHROOM/SHOWER PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS, FINISH SCHEDULES AND SPECIFICATIONS.
⑩	CONTRACTOR TO REMOVE ALL EXISTING STAINLESS STEEL OUTDOOR SINKS' PLUMBING AND RELOCATE EXISTING (N.I.C) STAINLESS STEEL OUTDOOR SINKS AND COUNTERS FOR THE DURATION OF THE CONSTRUCTION. COORDINATE TEMPORARY LOCATION WITH PARKS CANADA.

NOTE: ALL DRAWINGS TO BE REFERENCED FOR SCOPE OF DEMOLITION AND PREPARATION FOR NEW ASSEMBLIES/FINISHES

WALL/ROOF ASSEMBLIES: EXISTING

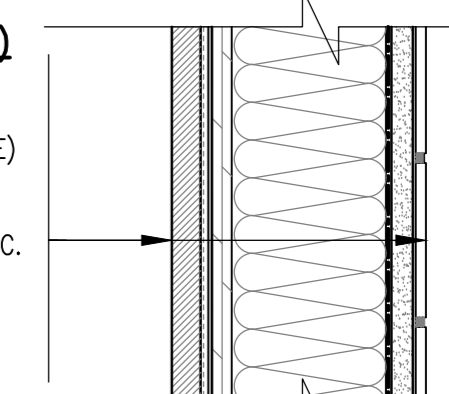
W1 - TYPICAL WALL ASSEMBLY (EXISTING)

- VERTICAL WOOD SIDING (19 X 127mm ROUGH SAWN TREATED PINE)
- 15# ASPHALT FELT BUILDING PAPER
- 6.5mm ASPHETIC SHEATHING
- 38 X 89mm STUD @ 400mm O.C.
- 38 X 89 HORIZONTAL BLOCKING @ 610mm O.C.
- 13mm PLYWOOD SHEATHING
- FRP (Fiberglass Reinforced Panel)



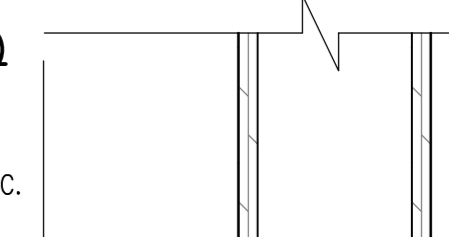
W2 - TYPICAL WALL ASSEMBLY (EXISTING)

- VERTICAL WOOD SIDING (19mm X 127mm ROUGH SAWN TREATED PINE)
- SMFG RIGID INSULATION ON 9.5mm PLYWOOD
- 38 X 89mm STUD @ 400mm O.C.
- 38 X 89 HORIZONTAL BLOCKING @ 610mm O.C.
- R12 BATT INSULATION
- 6mil. POLY VAPOR BARRIER
- 13mm CONCRETE BACKER BOARD
- CERAMIC TILE TO CEILING



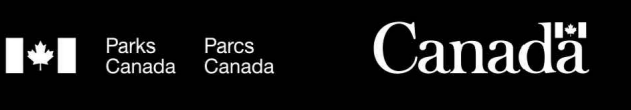
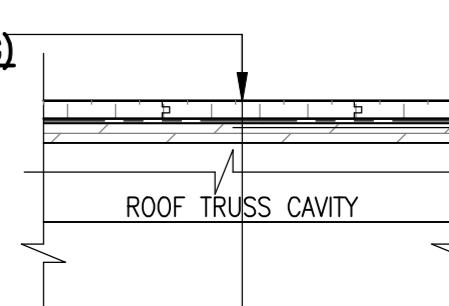
P1 - TYPICAL WALL ASSEMBLY (EXISTING)

- 13mm G15 PLYWOOD
- 38 X 89mm STUD @ 400mm O.C.
- 38 X 89 HORIZONTAL BLOCKING @ 610mm O.C.
- 13mm G15 PLYWOOD



R1 - TYPICAL ROOF ASSEMBLY (EXISTING)

- ASPHALT SHINGLES
- 15# ASPHALT FELT BUILDING PAPER
- 13mm PLYWOOD SHEATHING
- 50 X 150mm RAFTERS @ 400mm O.C.
- SUSPENDED PLYWOOD CEILING
- SUSPENDED ACOUSTICAL CEILING



EKISTICS PLANNING & DESIGN
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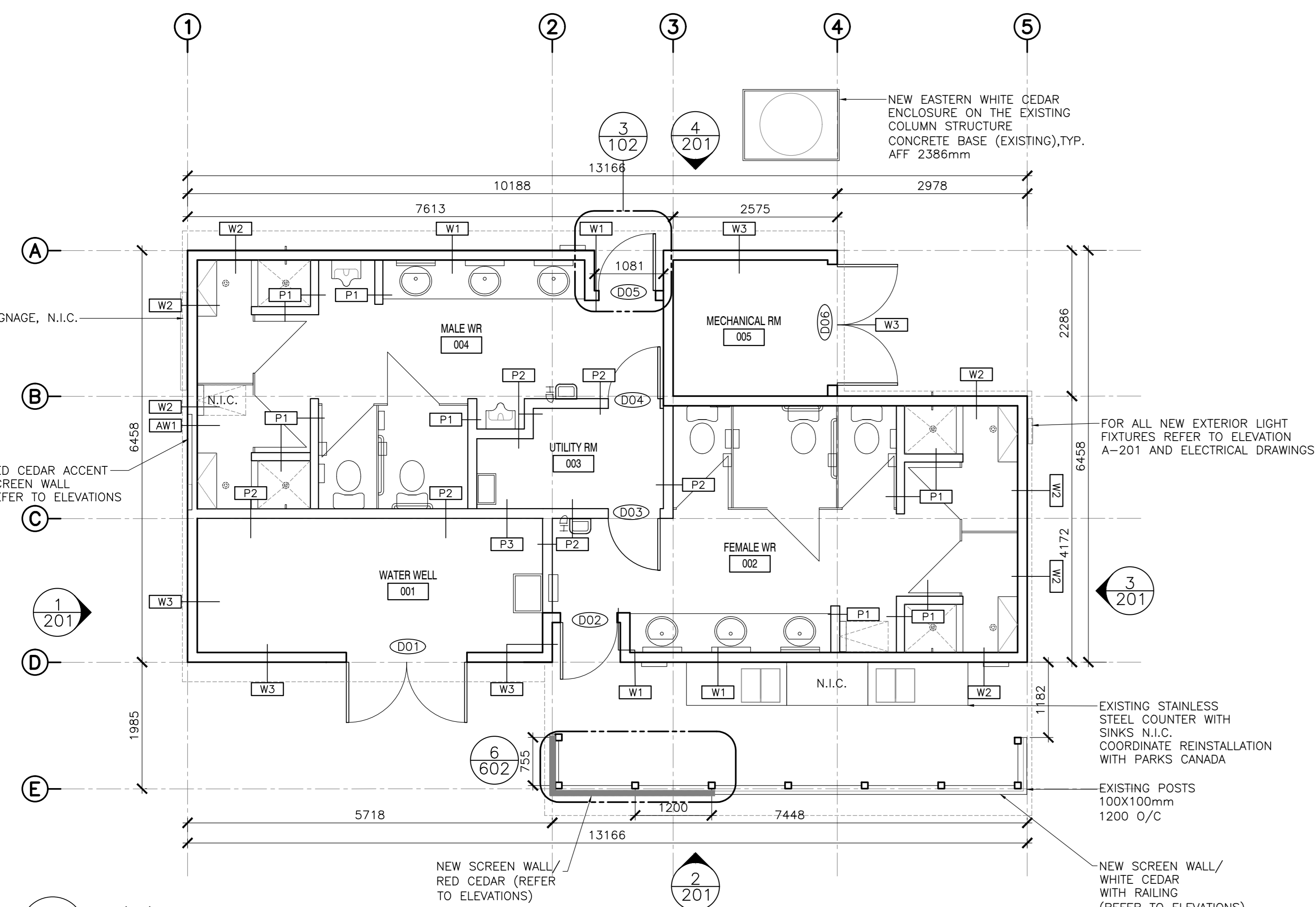


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4	ISSUED FOR B58	12/21
3	ISSUED FOR B54	11/15
2	ISSUED FOR B53	09/25
1	ISSUED FOR B52	08/09

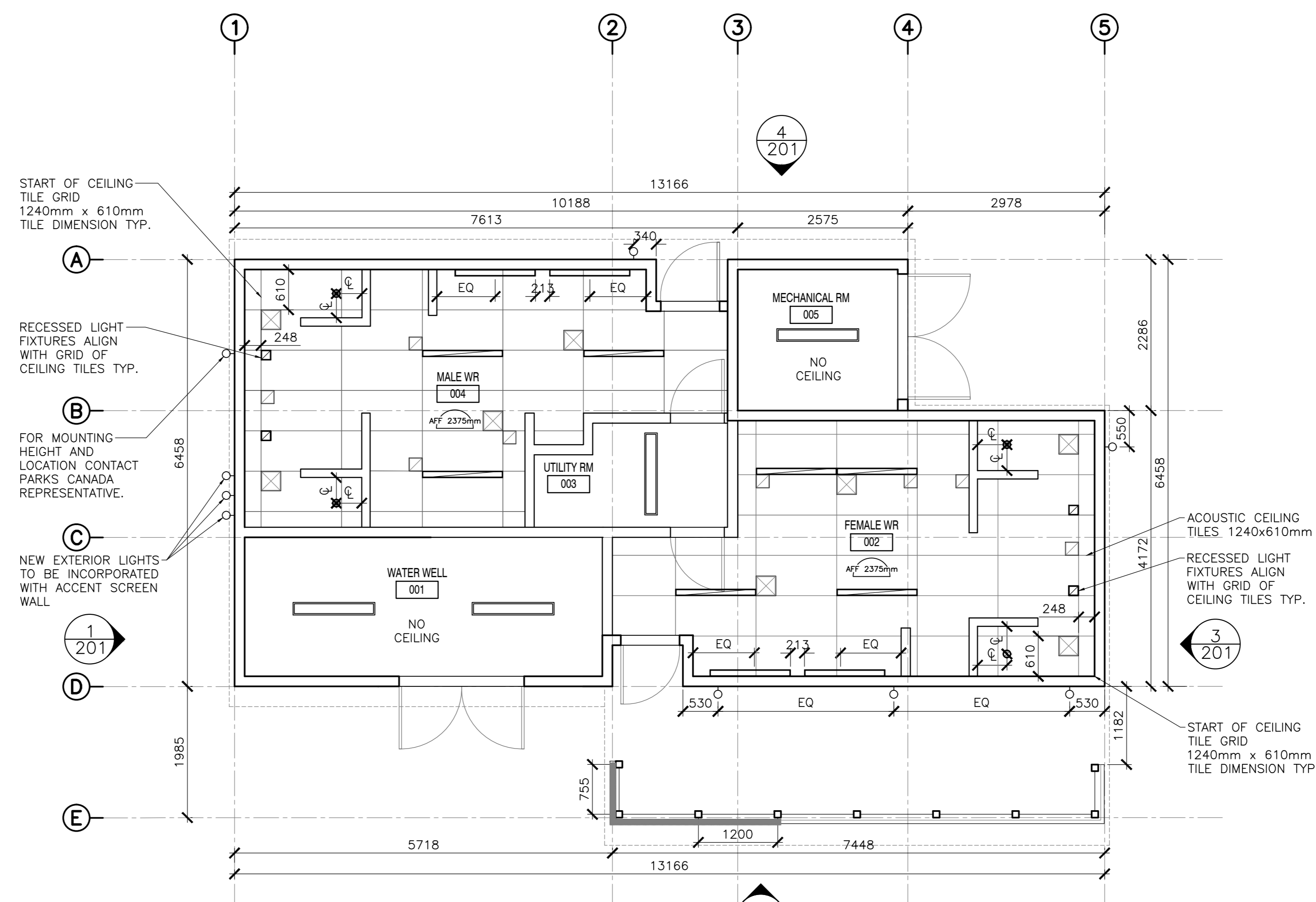
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project _____
project FACILITY REHABILITATION
KOUCHIBOUQUAC
NATIONAL PARK
KOUCHIBOUQUAC
NEW BRUNSWICK

drawing _____
drawing SERVICE BUILDING 'C'
DEMOLITION PLANS

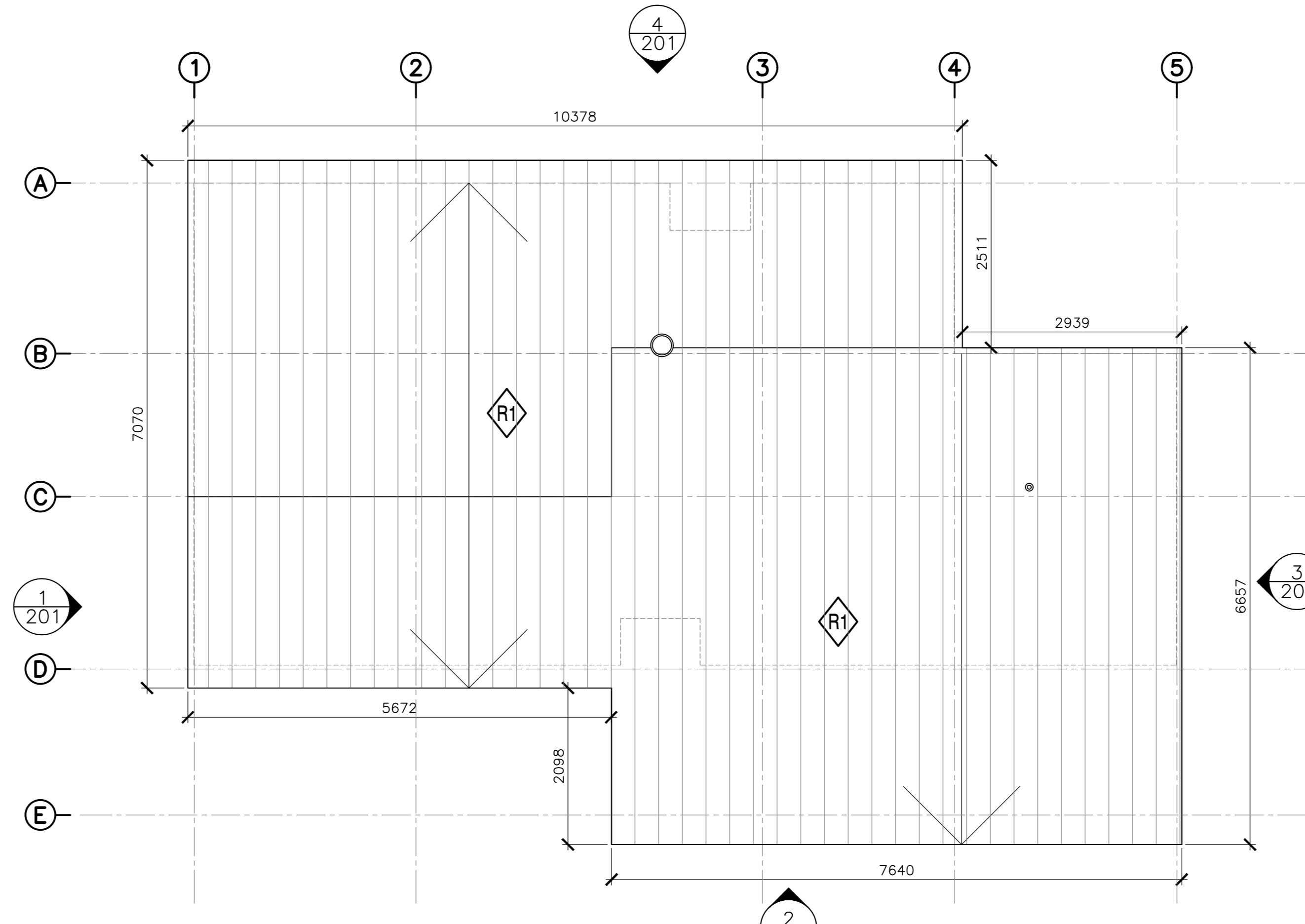
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date _____
Tender _____
PWSC Project Manager Administrateur de projets TPSC
project number 1848-954
drawing no. A-101



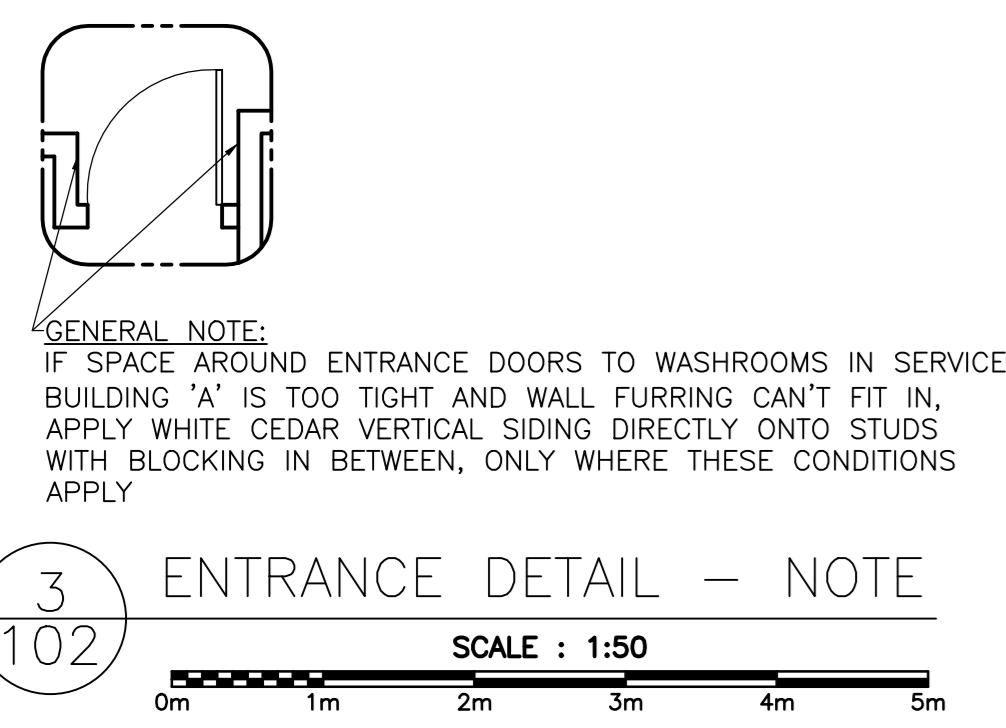
1 'C' - PROPOSED
SCALE : 1:50



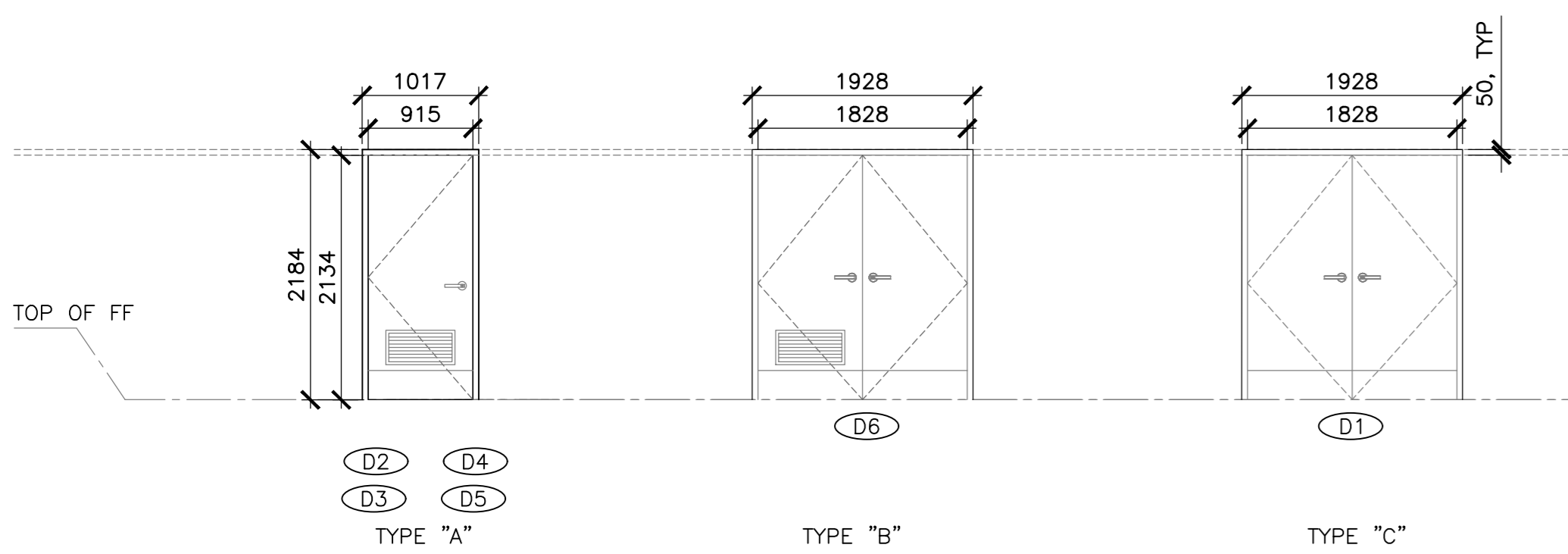
3 'C' REFLECTED CEILING PLAN - PROPOSED
SCALE : 1:50



5 'C' ROOF PLAN - PROPOSED
SCALE : 1:50



3 ENTRANCE DETAIL - NOTE
SCALE : 1:50



4 DOOR SCHEDULE
SCALE : 1:50

SYMBOL	DOOR WIDTH	DOOR HEIGHT	DESCRIPTION	DOOR TYPE	HARDWARE
D1	1828mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	C	H1
D2	915mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	A	H2
D3	915mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	A	H3
D4	915mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	A	H3
D5	915mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	A	H2
D6	1828mm	2134mm	HOLLOW METAL DOOR / PRESSED STEEL FRAME	B	H1

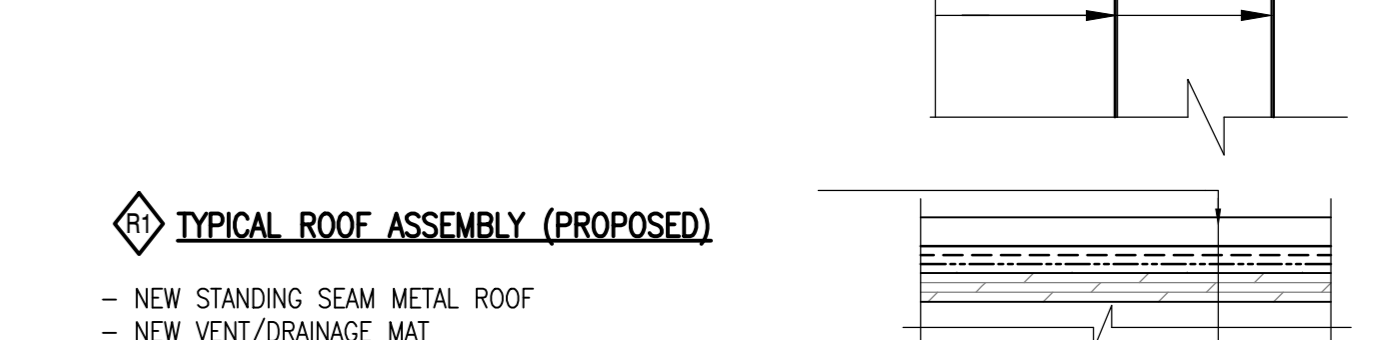
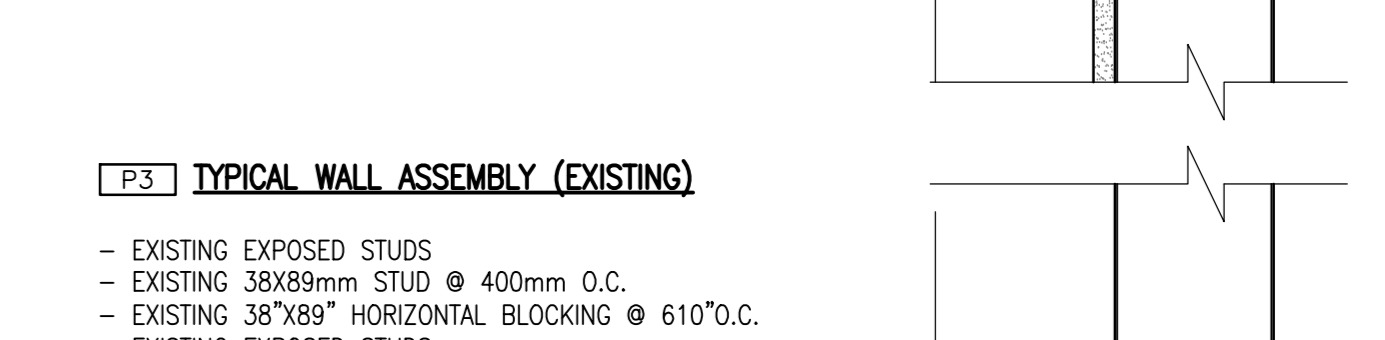
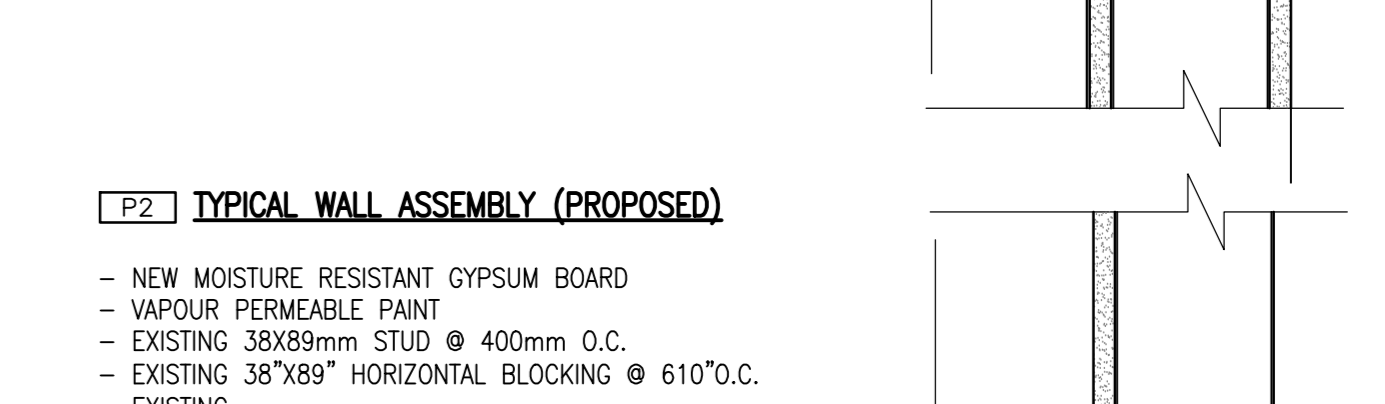
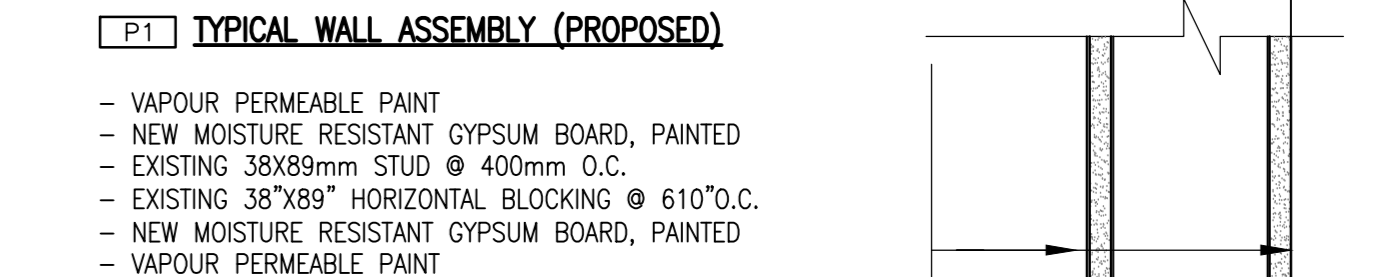
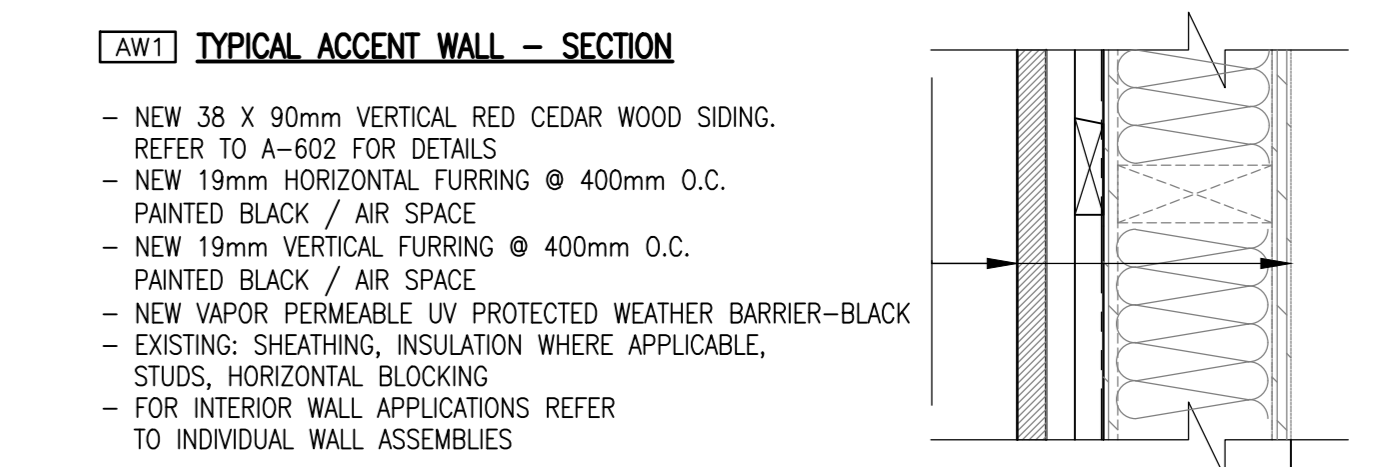
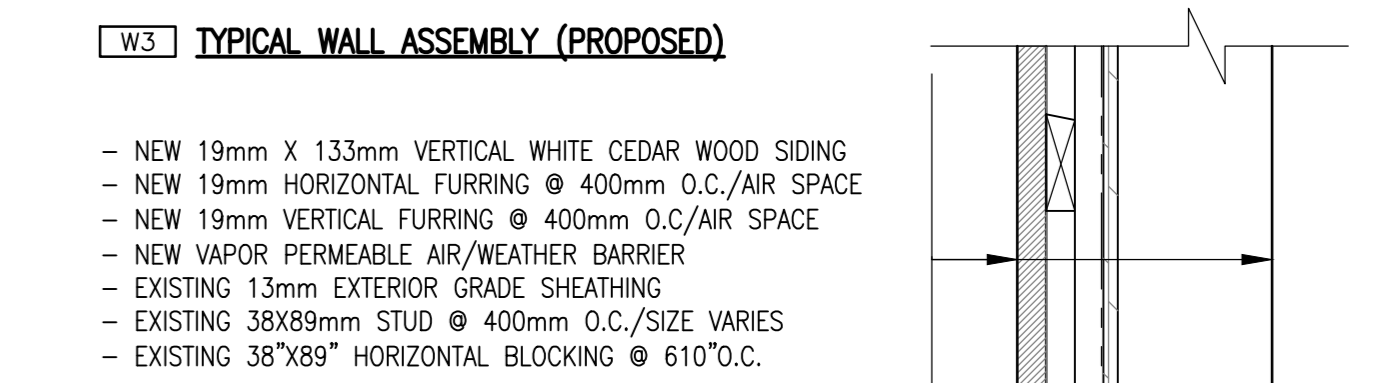
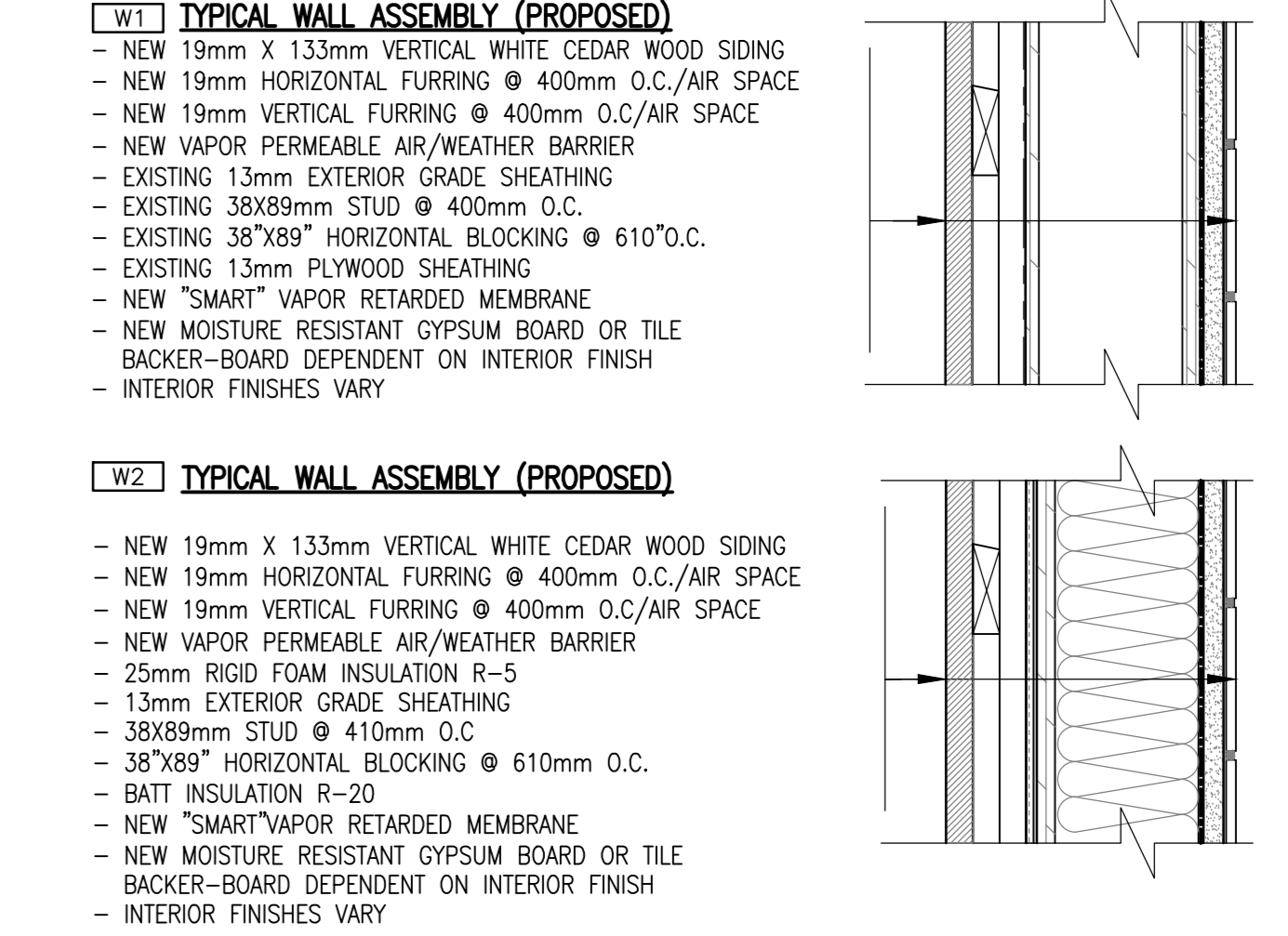
NOTE: SEE FLOOR PLAN FOR DOOR SWING

- GENERAL NOTES:
1. ALL DIMENSIONS TO BE VERIFIED BY CONTRACTOR
 2. ALL ROUGH OPENINGS TO BE CONFIRMED PRIOR TO ORDERING WINDOWS AND DOORS
 3. ALL CEILING HEIGHT DIMENSIONS ARE FOR GENERAL REFERENCE. CONTRACTOR TO CONFIRM FINISHED CEILING HEIGHTS ON SITE.
 4. ALL DRAWINGS TO BE REFERENCED FOR SCOPE OF DEMOLITION AND PREPARATION FOR NEW ASSEMBLIES/FINISHES
 5. WHERE SOFFIT FINISHES ARE TO BE REPLACED, PATCH, REPAIR, AND REPLACE FRAMING AS REQUIRED TO SUPPORT NEW FINISH.
 6. ANY REMOVAL, TEMPORARY RELOCATION AND REINSTALLATION OF THE EXISTING EQUIPMENT, FIXTURES, SIGNAGE, ETC., RELATED TO THE CONSTRUCTION AND FOR THE DURATION OF THE SAME TO BE DONE UNDER DIRECTIONS AND SUPERVISION OF PARKS CANADA REPRESENTATIVE.
 7. IF REQUIRED, RE-GRADE AROUND BUILDING PERIMETER TO ENSURE POSITIVE DRAINAGE AND MAINTAIN 203mm CLEARANCE FROM EXISTING SIDING TO GRADE. COORDINATE WITH PARKS CANADA.

- SCHEDULE TAG NOTES:
1. WALL TAGS [W1] INDICATE ENTIRETY OF WALL TO BE RE-GLAD UNLESS NOTED OTHERWISE. SEE DRAWING A-301 FOR TYPICAL RE-CLADDING DETAILS
 2. PAINT TAG [P1] INDICATES ALL ROOM WALLS AND CEILING TO BE PAINTED UNLESS NOTED OTHERWISE.
 3. WALL TILE TAG [T1] INDICATES WALLS TO BE TILED. SEE TILED PLANS AND INTERIOR ELEVATIONS FOR EXACT PLACEMENT AND HEIGHTS
 4. FLOOR FINISH TAG [F1] INDICATES FLOOR FINISH. FOR DETAILS AND ORIENTATION OF FLOOR PATTERN, REFER TO DETAILED PLAN DRAWINGS

WALL/ROOF ASSEMBLIES: PROPOSED

NOTE: FOR NEW SIDING PROFILE SEE DETAIL 14/501



NO.	ISSUED FOR	DATE
5	ISSUED FOR TENDER	01/31
4	ISSUED FOR B58	12/21
3	ISSUED FOR B54	11/15
2	ISSUED FOR B53	09/25
1	ISSUED FOR B52	08/09

project
FACILITY REHABILITATION
KOUCHIBOUQUAC
NATIONAL PARK
KOUCHIBOUQUAC
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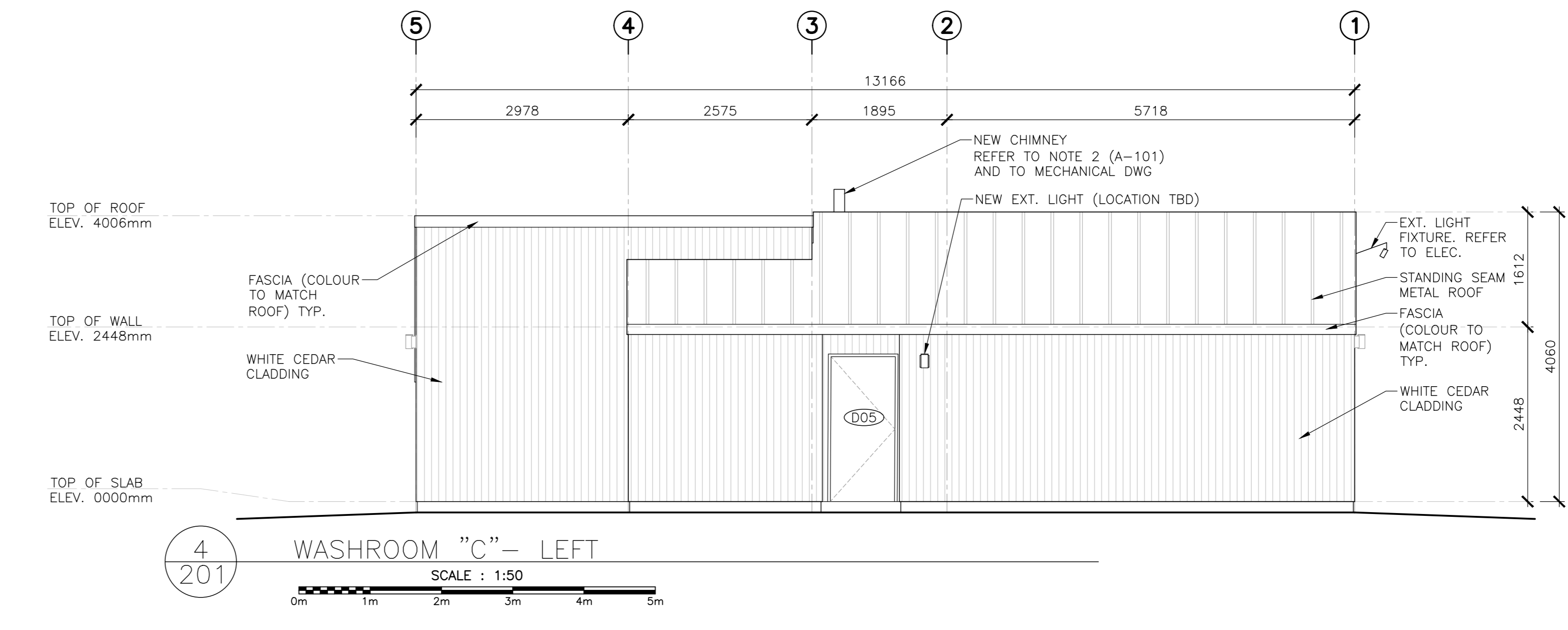
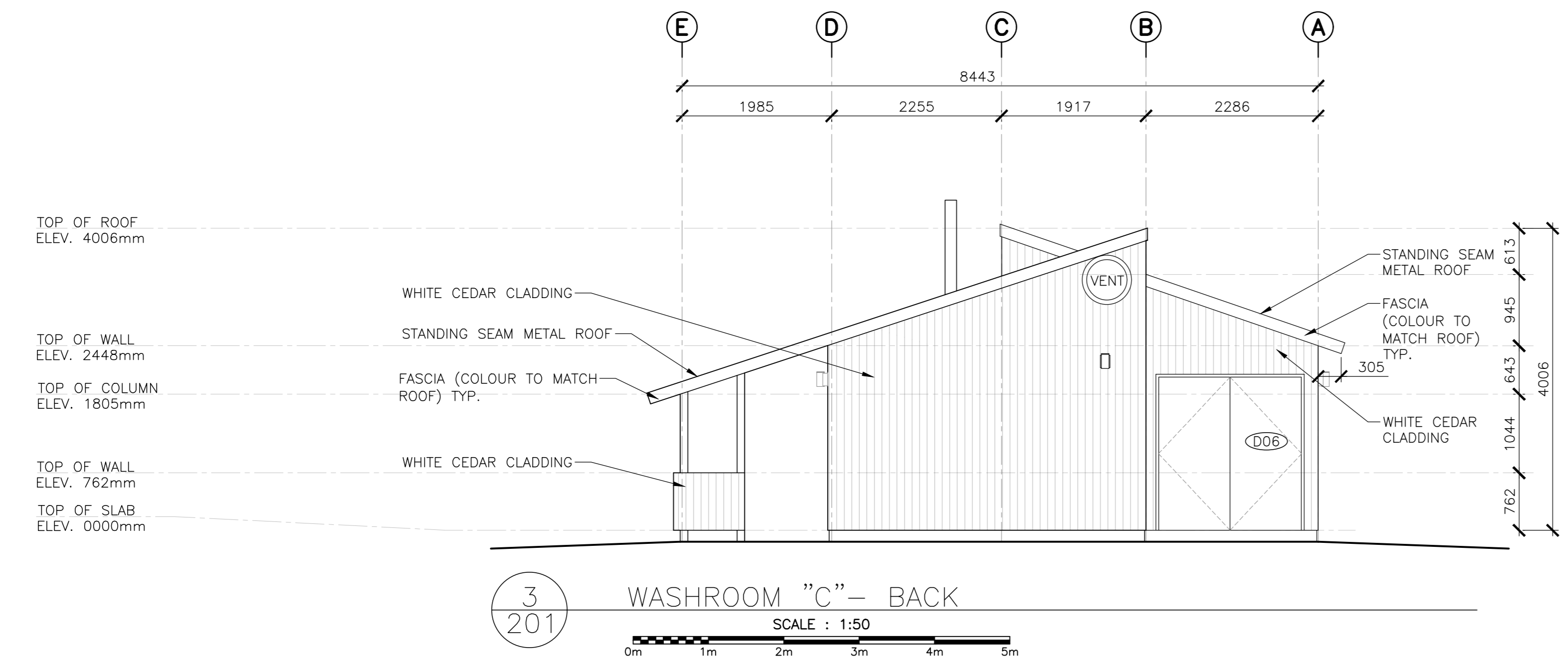
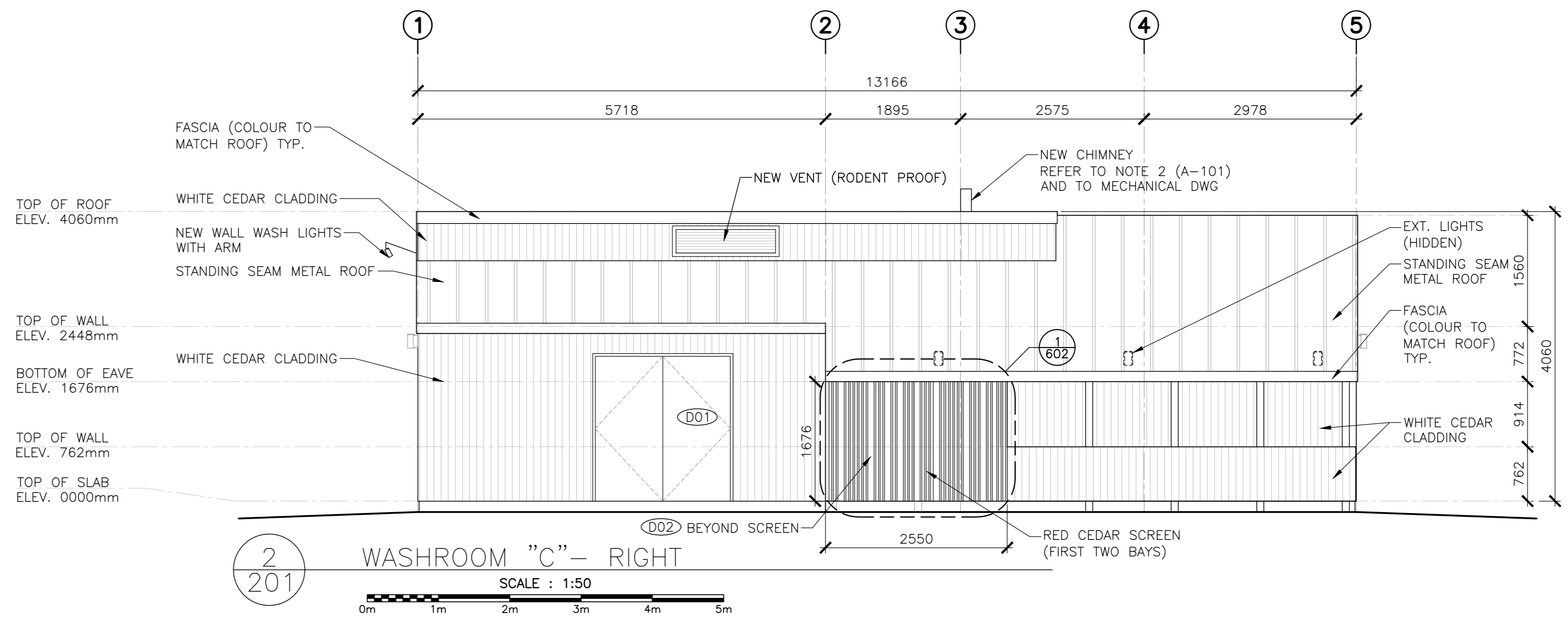
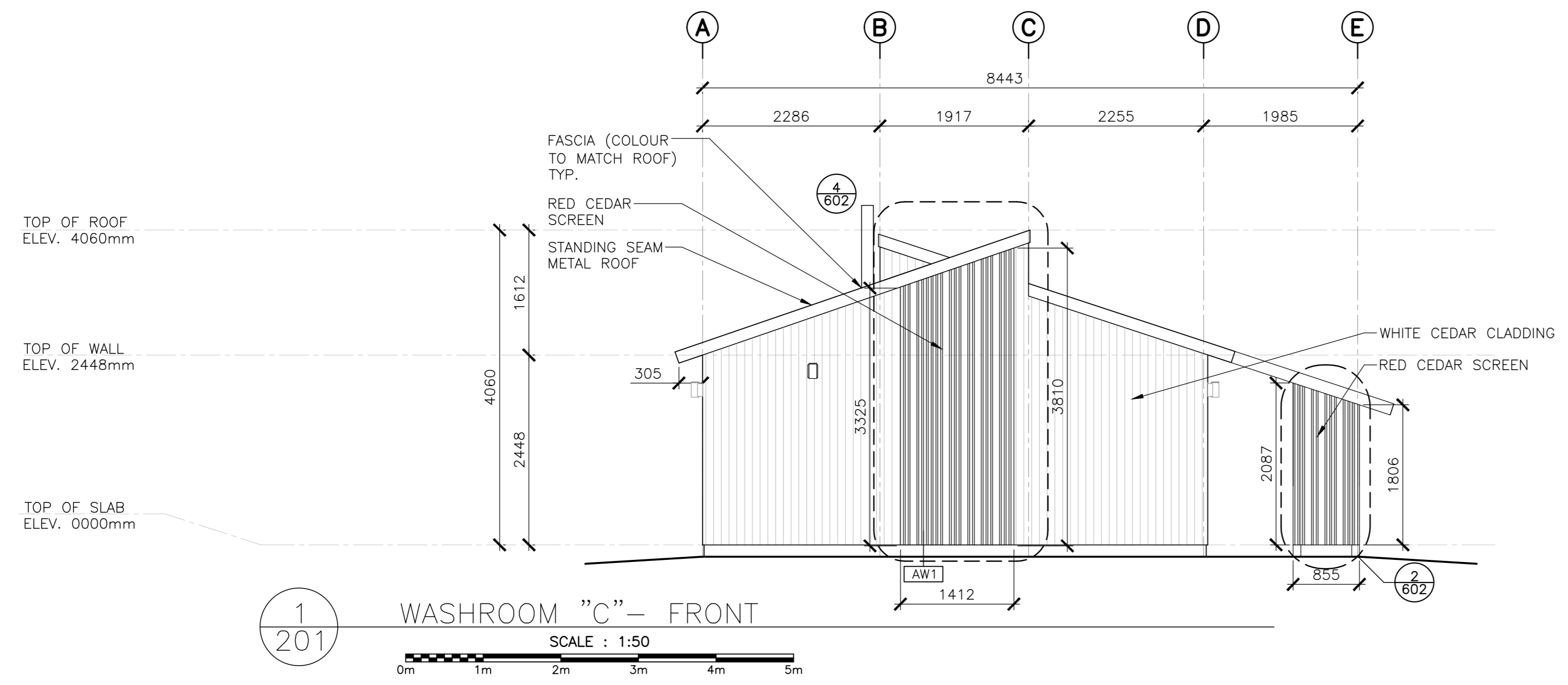
drawing
SERVICE BUILDING 'C'
PLANS,
SCHEDULE, ASSEMBLIES

assigned
date
drawn
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approved
date
Tender
date
Submitted
date
Project Manager
Administrateur de projets TPSC
project number
1848-954
drawing no.
no. du dessin
A-102



*NOTE: REGRADE AROUND BUILDING PERIMETER TO ENSURE POSITIVE DRAINAGE AND MAINTAIN 8" CLEARANCE FROM EXT. SIDING TO GRADE

NOTE: ALL HEIGHT DIMENSIONS ARE FOR GENERAL REFERENCE. CONTRACTOR TO CONFIRM FINISHED CEILING HEIGHTS ON SITE.

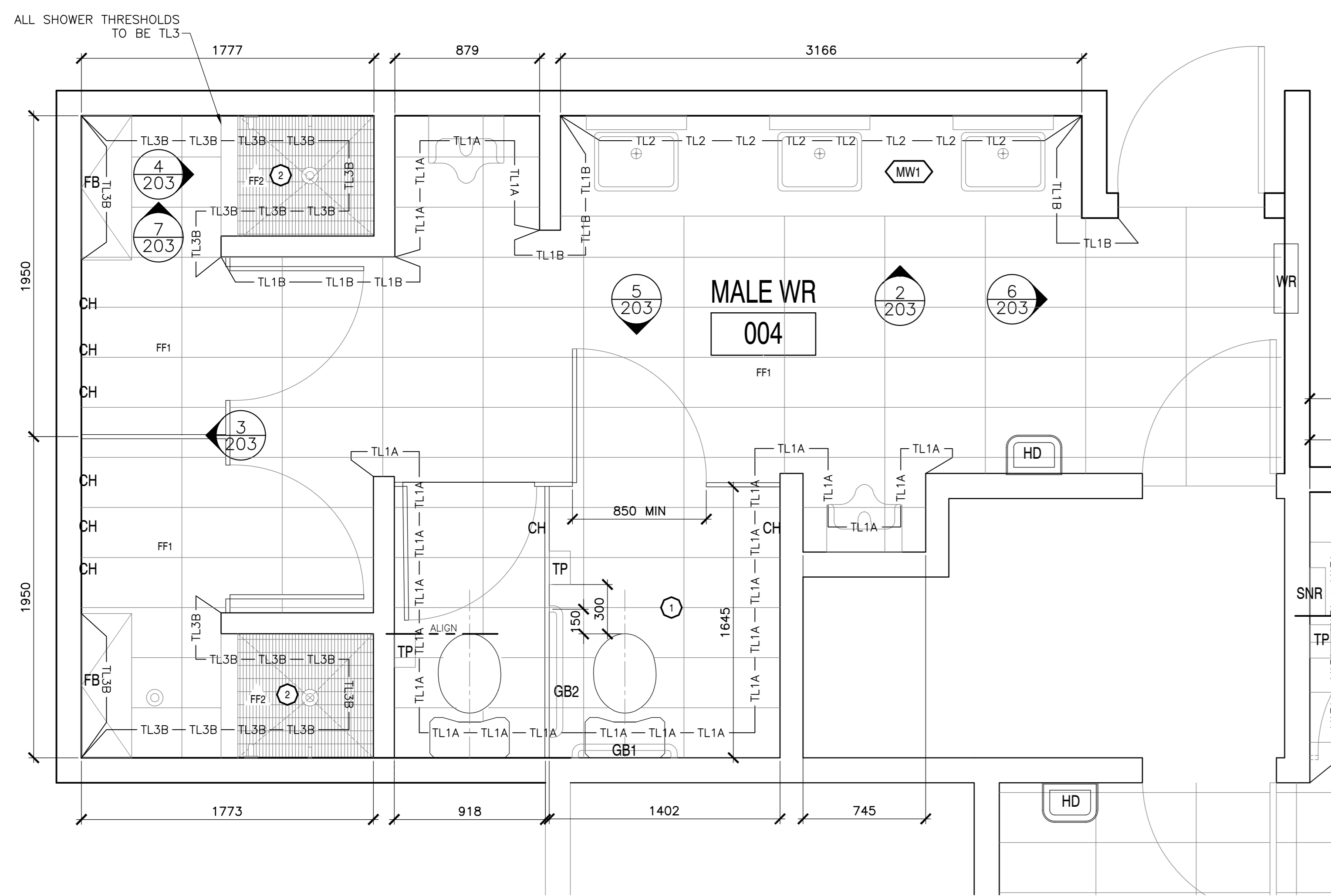


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3	ISSUED FOR BS4	11/15
2	ISSUED FOR BS3	09/25
1	ISSUED FOR BS2	08/09
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project
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 KOUCHIBOUQUAC
 NATIONAL PARK
 KOUCHIBOUQUAC
 NEW BRUNSWICK

drawing
 SERVICE BUILDING 'C'
 BUILDING ELEVATIONS

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Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
1848-954	
drawing no.	no. du dessin
A-201	



- FIXTURES AND FINISHES GENERAL NOTES**
1. ALL INTERIOR WALL FINISHES TO BE PT1 U.N.O.
 2. ALL TOILET AND SHOWER PARTITIONS TO BE HIGH PRESSURE LAMINATE SOLID CORE COLOUR. FLOOR MOUNTED. REFER TO SPECIFICATIONS.
 3. ALL BARRIER FREE TOILETS TO BE MOUNTED 460mm FROM WALL TO CENTRELINE OF FIXTURE. ALL OTHER TOILETS TO BE CENTERED ON STALL.
 4. ALL TILE TRANSITIONS TO HAVE STAINLESS STEEL STRIP - REFER TO SPECIFICATIONS.
 5. NO TILE TO RUN BEHIND MILLWORK. MILLWORK TO BE MOUNTED DIRECTLY TO DRYWALL. PROVIDE BLOCKING AS REQUIRED.
 6. ALL PT1 WALLS WITHOUT TILE TO RECEIVE 4" TL1 TILE BASE.
 7. ALL ACCESSORIES AND FIXTURES TO BE MOUNTED AT BARRIER FREE HEIGHTS U.N.O.
 8. REFER TO MECHANICAL DRAWINGS FOR ALL PLUMBING FIXTURES.
- FIXTURES AND FINISHES KEY NOTES**
- SYMBOL DESCRIPTION**
- 1 THIS TOILET STALL CONTAINS ALL BARRIER FREE FIXTURES. REFER TO SPECIFICATIONS.
 - 2 THIS SHOWER STALL CONTAINS ALL BARRIER FREE FIXTURES. REFER TO SPECIFICATIONS.

FLOOR FINISH TILE

SYMBOL	DESCRIPTION
FF1	WALL TILE/FLOOR TILE MANUFACTURER: CIOT COLLECTION: CONCRETE PROJECT COLOUR: 'N' SIZE: 30cm X 60cm INSTALLATION: HORIZONTAL STACK BOND GROUT: FLEXITILE, CHARCOAL *685 585, 3mm UNSANDED.
FF2	FLOOR TILE MANUFACTURER: OLYMPIA COLLECTION: UNICOLOUR MOSAIC COLOUR: EXTRA WHITE MATTE SIZE: 27.7cm X 29.2cm INSTALLATION: HORIZONTAL STACK BOND GROUT: FLEXITILE, SNOWWHITE *651 551, 3mm UNSANDED.
PT1	FIELD PAINT MANUFACTURER: BENJAMIN MOORE COLOUR: CC-30 OXFORD WHITE FINISH: EGGSHELL

WALL TILE FINISH

SYMBOL	DESCRIPTION
TL1A	WALL TILE/FLOOR TILE MANUFACTURER: CIOT COLLECTION: CONCRETE PROJECT COLOUR: 'N' SIZE: 30cm X 60cm INSTALLATION: HORIZONTAL STACK BOND TO 1220mm A.F.F. GROUT: FLEXITILE, CHARCOAL *685 585, 3mm UNSANDED.
TL1B	WALL TILE/FLOOR TILE MANUFACTURER: CIOT COLLECTION: CONCRETE PROJECT COLOUR: 'N' SIZE: 30cm X 60cm INSTALLATION: HORIZONTAL STACK BOND - FINISHED FLOOR TO CEILING GROUT: FLEXITILE, CHARCOAL *685 585, 3mm UNSANDED.
TL2	WALL TILE MANUFACTURER: CERA GRES COLLECTION: SENO LACCATI COLOUR: MELA CHIARO SIZE: 9.85cm X 30cm INSTALLATION: VERTICAL STACK BOND - FINISHED FLOOR TO CEILING GROUT: FLEXITILE, IVORY *682 582, 3mm UNSANDED.
TL3A	WALL TILE MANUFACTURER: OLYMPIA TILE COLOUR: EXTRA WHITE FINISH: MATTE SIZE: 30cm X 60cm INSTALLATION: HORIZONTAL STACK BOND TO 1220mm GROUT: FLEXITILE, SNOWWHITE *651 551, 3mm UNSANDED.
TL3B	WALL TILE MANUFACTURER: OLYMPIA TILE COLOUR: EXTRA WHITE FINISH: MATTE SIZE: 30cm X 60cm INSTALLATION: HORIZONTAL STACK BOND FINISH FLOOR TO CEILING GROUT: FLEXITILE, SNOWWHITE *651 551, 3mm UNSANDED.

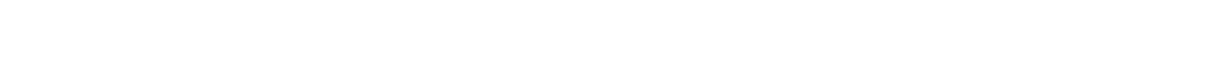
WASHROOM ACCESSORY LEGEND

SYMBOL	DESCRIPTION
M	MIRROR - CENTER ON SINK
WR	WASTE RECEPTICAL / AS SHOWN
SD	SOAP DISPENSER - REFER TO SPECIFICATION
TP	TOILET PAPER DISPENSER
CH	CLOTHS HOOK
GB1	STAINLESS STEEL GRAB BAR 610mm, CENTERED ON TOILET
GB2	STAINLESS STEEL GRAB BAR 915mm
FB	FOLDING BENCH
HD	HAND DRYER
SNR	FEMININE NAPKIN DISPOSAL BIN
SH	SHOWER FIXTURE

MILLWORK SCHEDULE (SEE A-600'S FOR MILLWORK DRAWINGS)

SYMBOL	DESCRIPTION
MW1	WASHROOM VANITY: VANITY COUNTERTOP: SOLID COLOUR CORE, DUPONT CORIAN, DEEP TITANIUM VANITY CABINET: HIGH PRESSURE LAMINATE, WHITE (EXACT FINISH TBD)

1 BUILDING 'C' MALE WASHROOM - FLOOR PLAN
SCALE: 1:20



NOTE: ALL CEILING HEIGHT DIMENSIONS ARE FOR GENERAL REFERENCE. CONTRACTOR TO CONFIRM FINISHED CEILING HEIGHTS ON SITE.

2 MALE WASHROOM - ELEVATION
SCALE: 1:20



3 MALE WASHROOM - ELEVATION
SCALE: 1:20



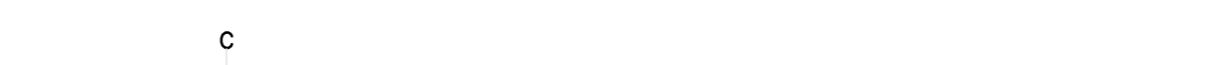
4 SHOWER STALL TYP.
SCALE: 1:20



5 MALE WASHROOM - ELEVATION
SCALE: 1:20



6 MALE WASHROOM - ELEVATION
SCALE: 1:20



7 MALE WASHROOM - SHOWER ELEVATION
SCALE: 1:20



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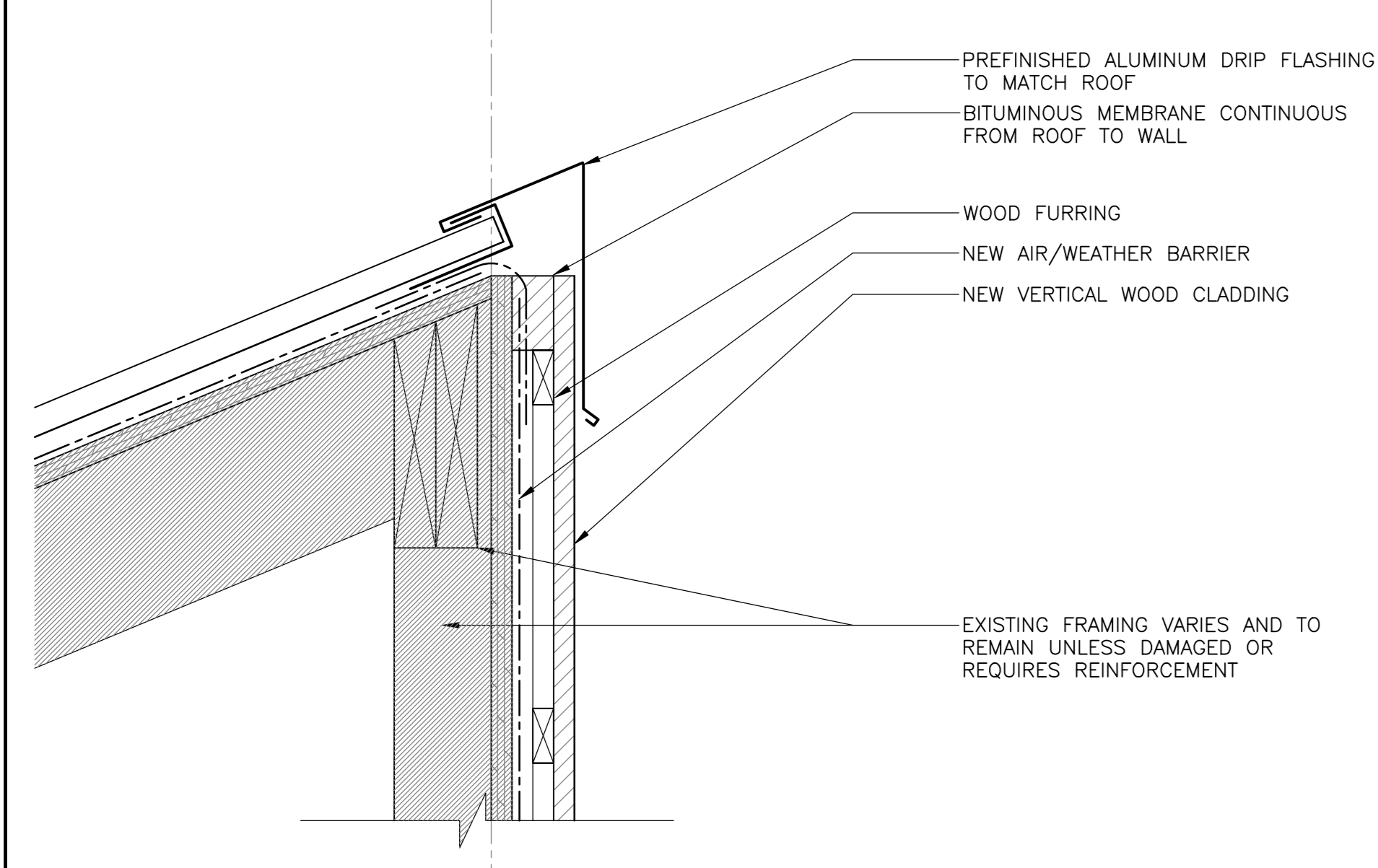


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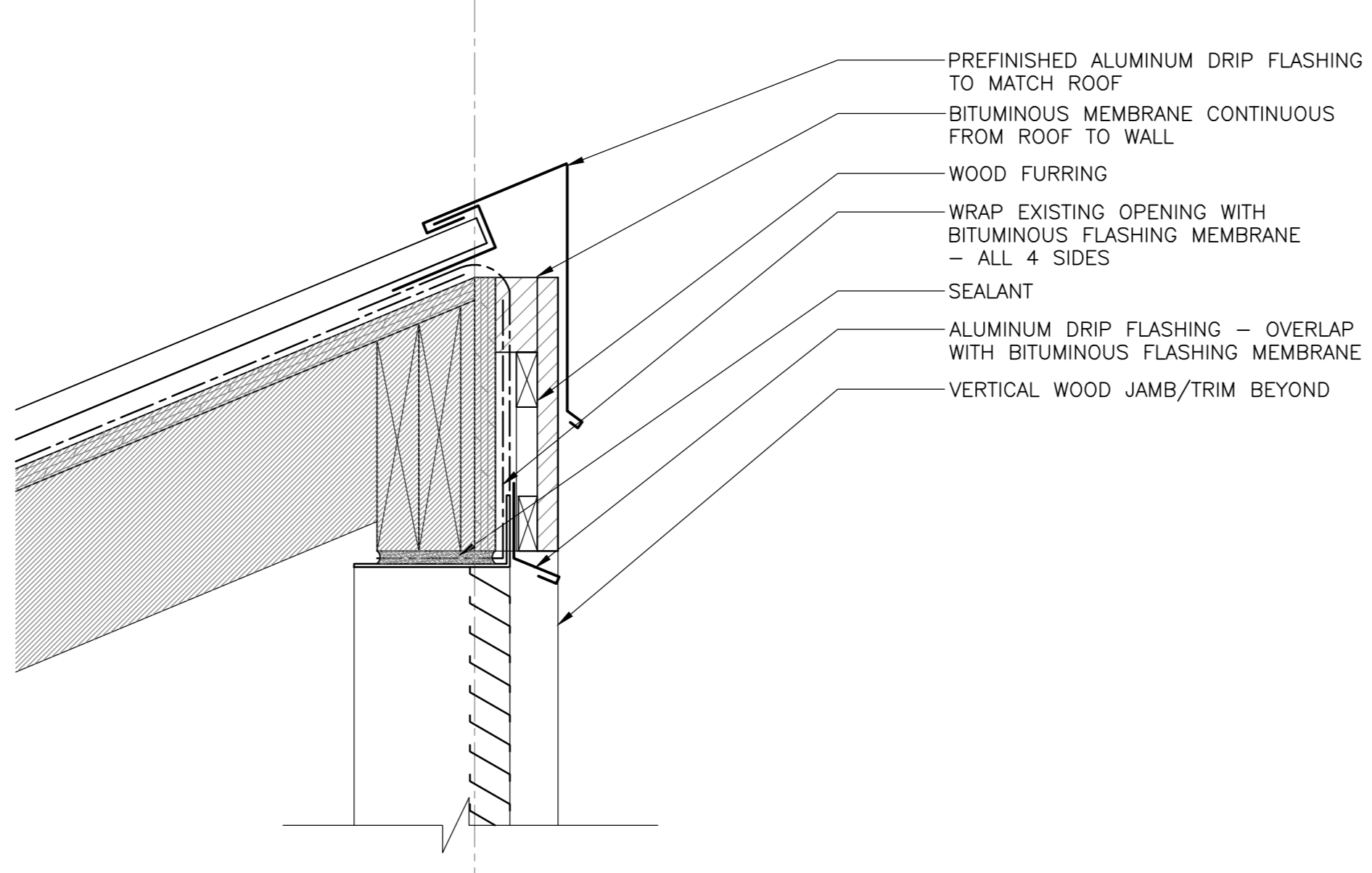
project
FACILITY REHABILITATION
KOUCHIBOUQUAC
NATIONAL PARK
KOUCHIBOUQUAC
NEW BRUNSWICK

drawing
SERVICE BUILDING 'C'
MALE WASHROOM

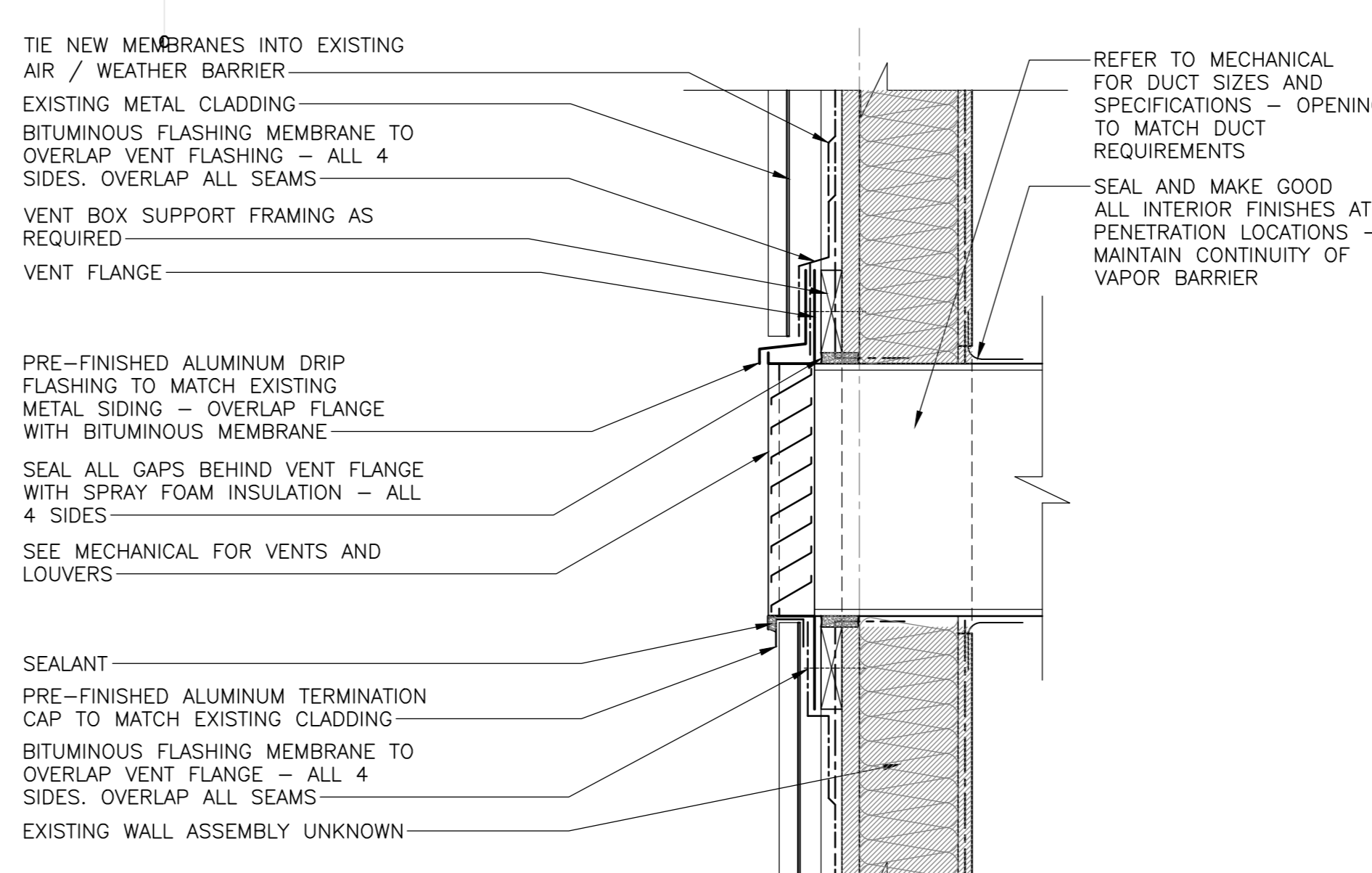
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Tender	Submission
PWGSC Project Manager	Administrateur de projets TPSCG
project number	no. du projet
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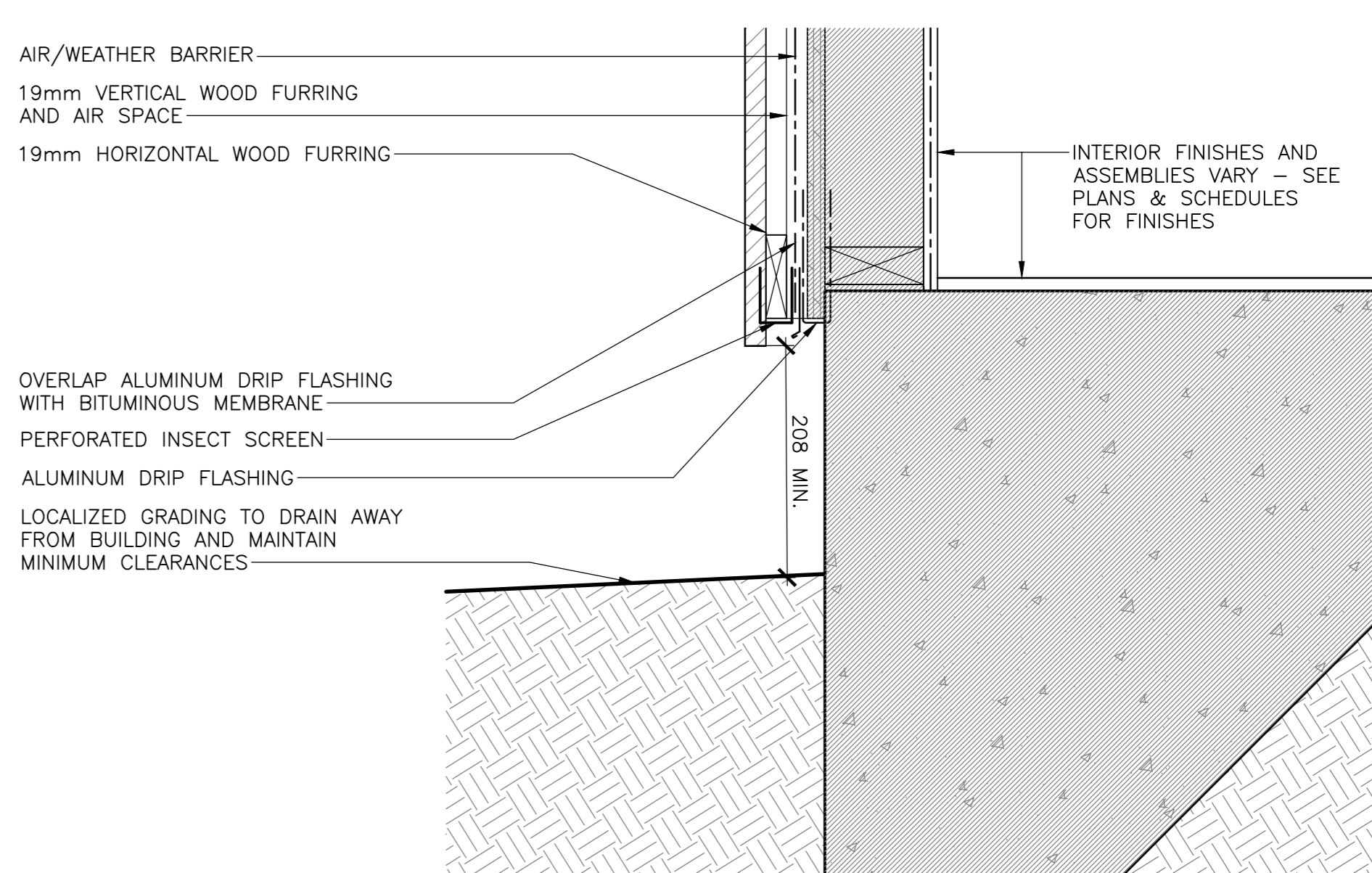
1 SECTION DETAIL - PEAK CONDITION
501 SCALE: 1:5



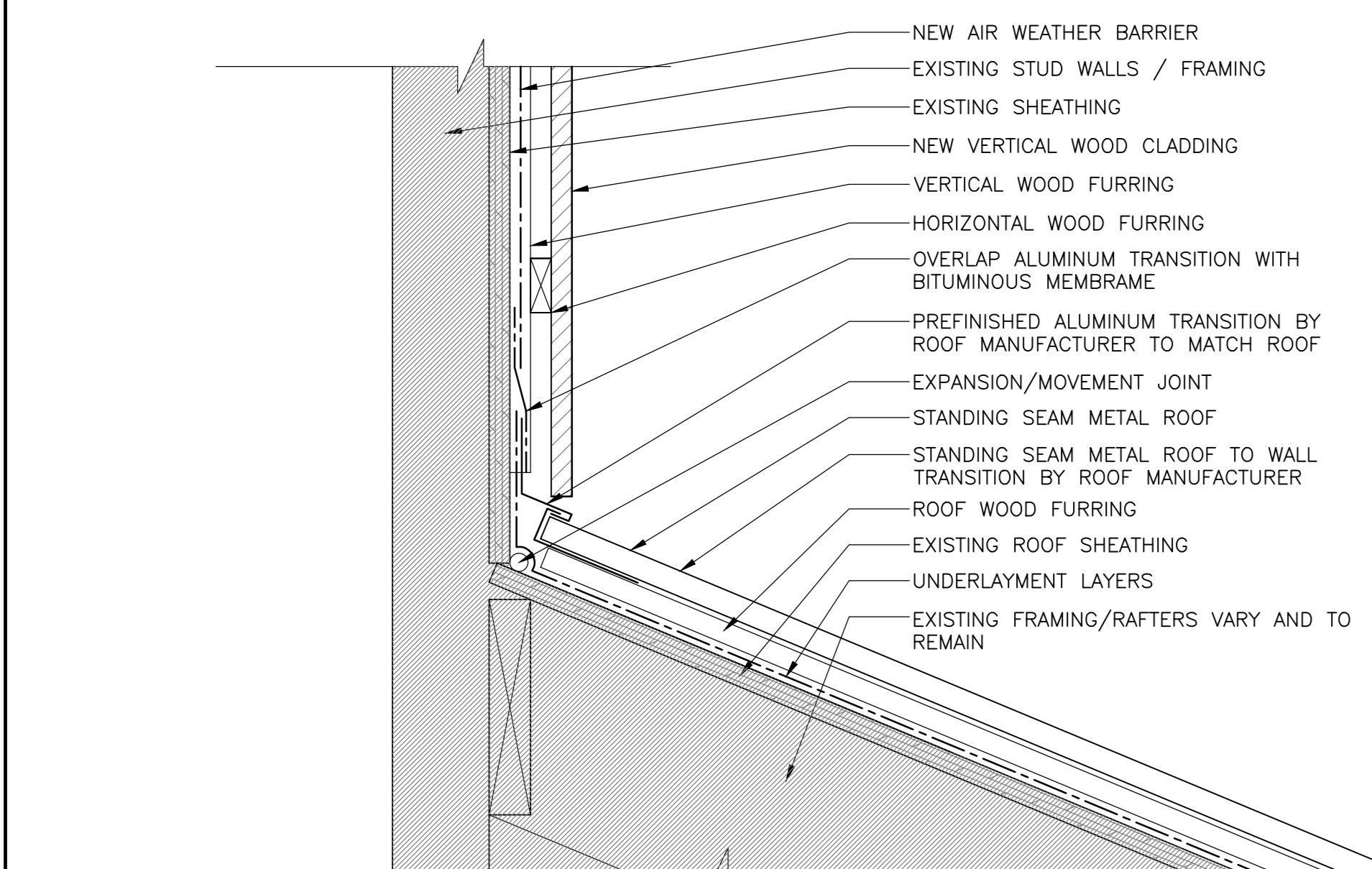
5 SECTION DETAIL - TOP OF VENT
501 SCALE: 1:5



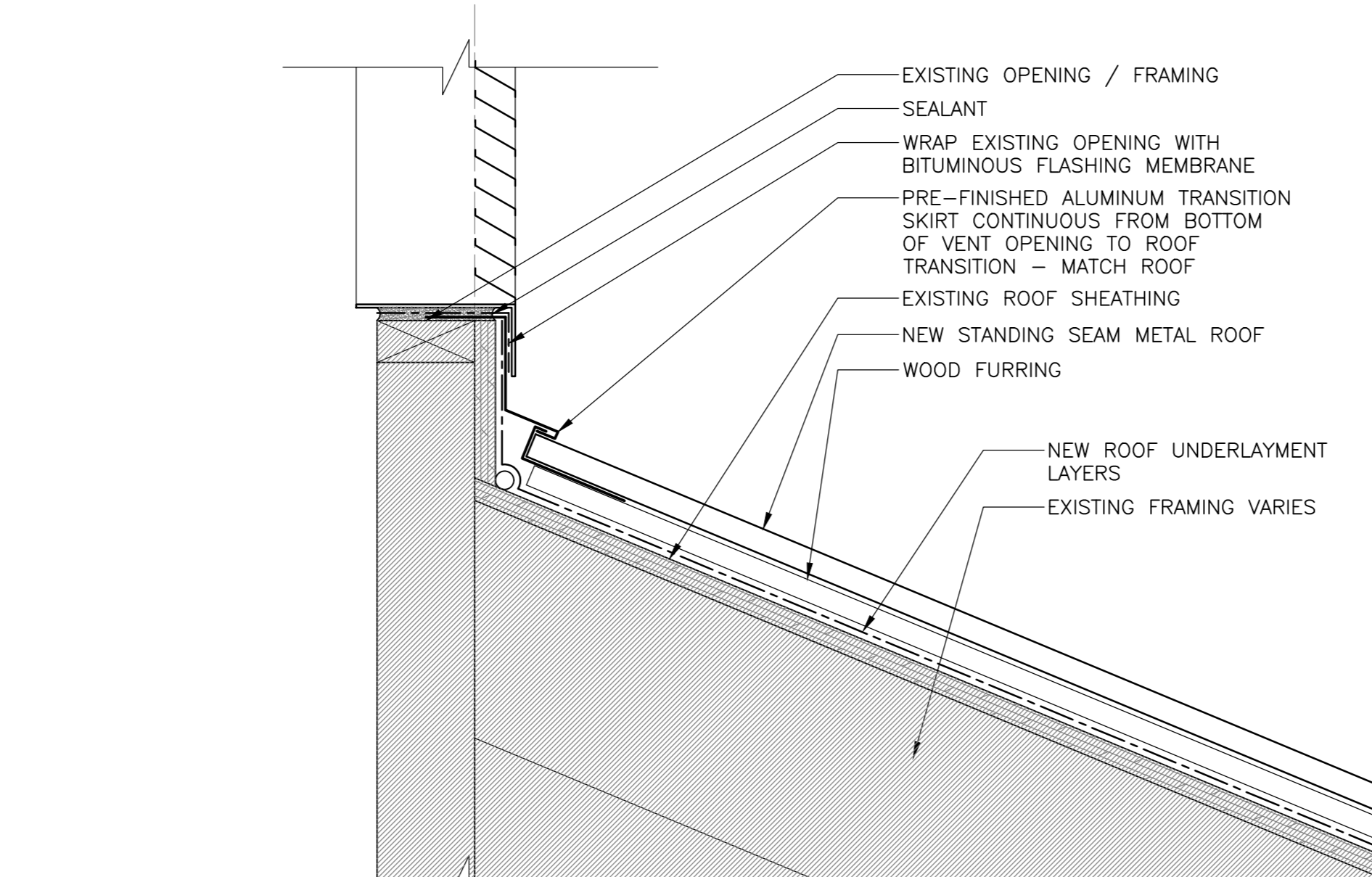
9 SECTION DETAIL - VENT ADMIN BLD.
501 SCALE: 1:5



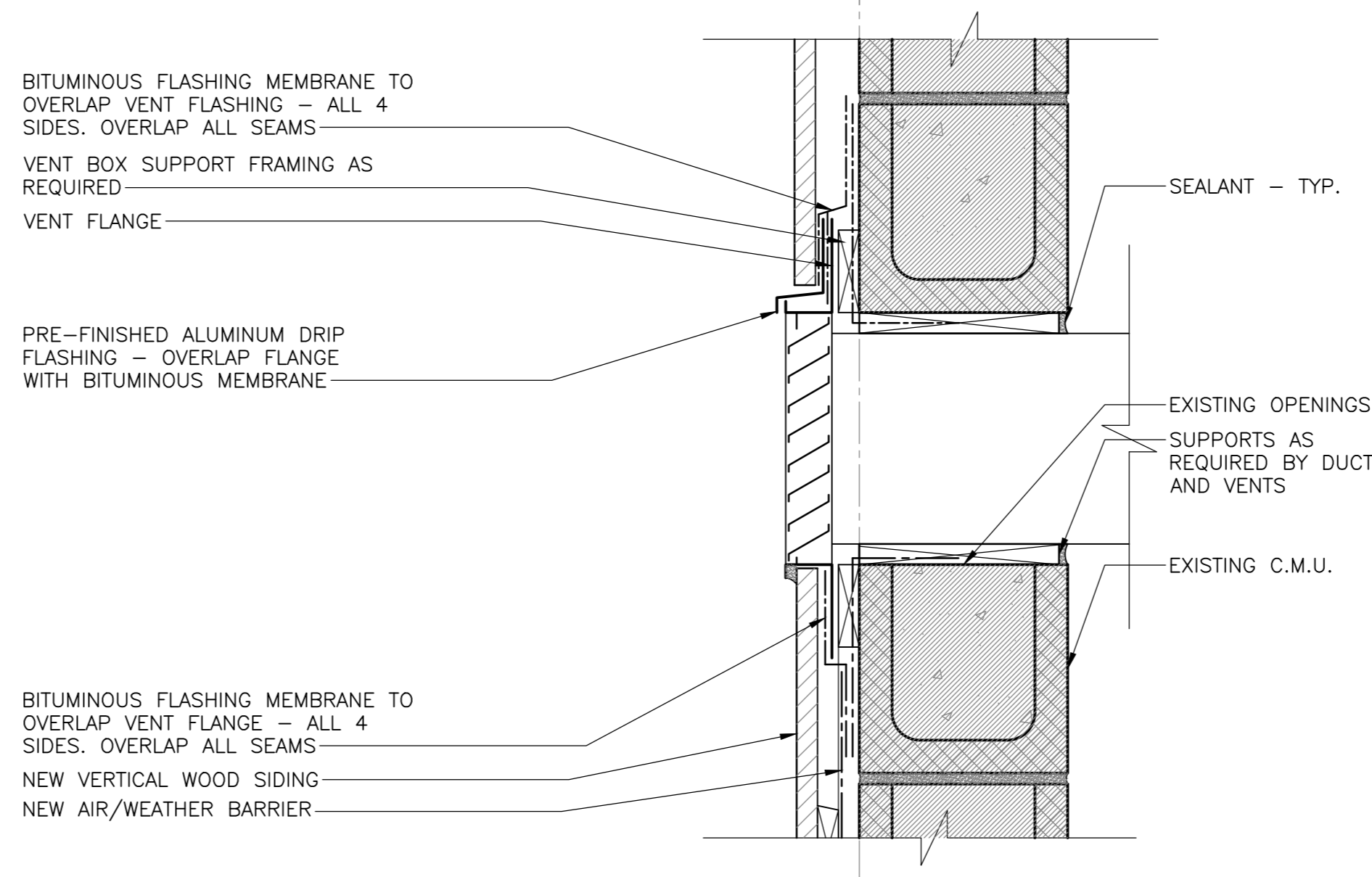
13 SECTION DETAIL - WALL BASE K1,K2
301 SCALE: 1:5



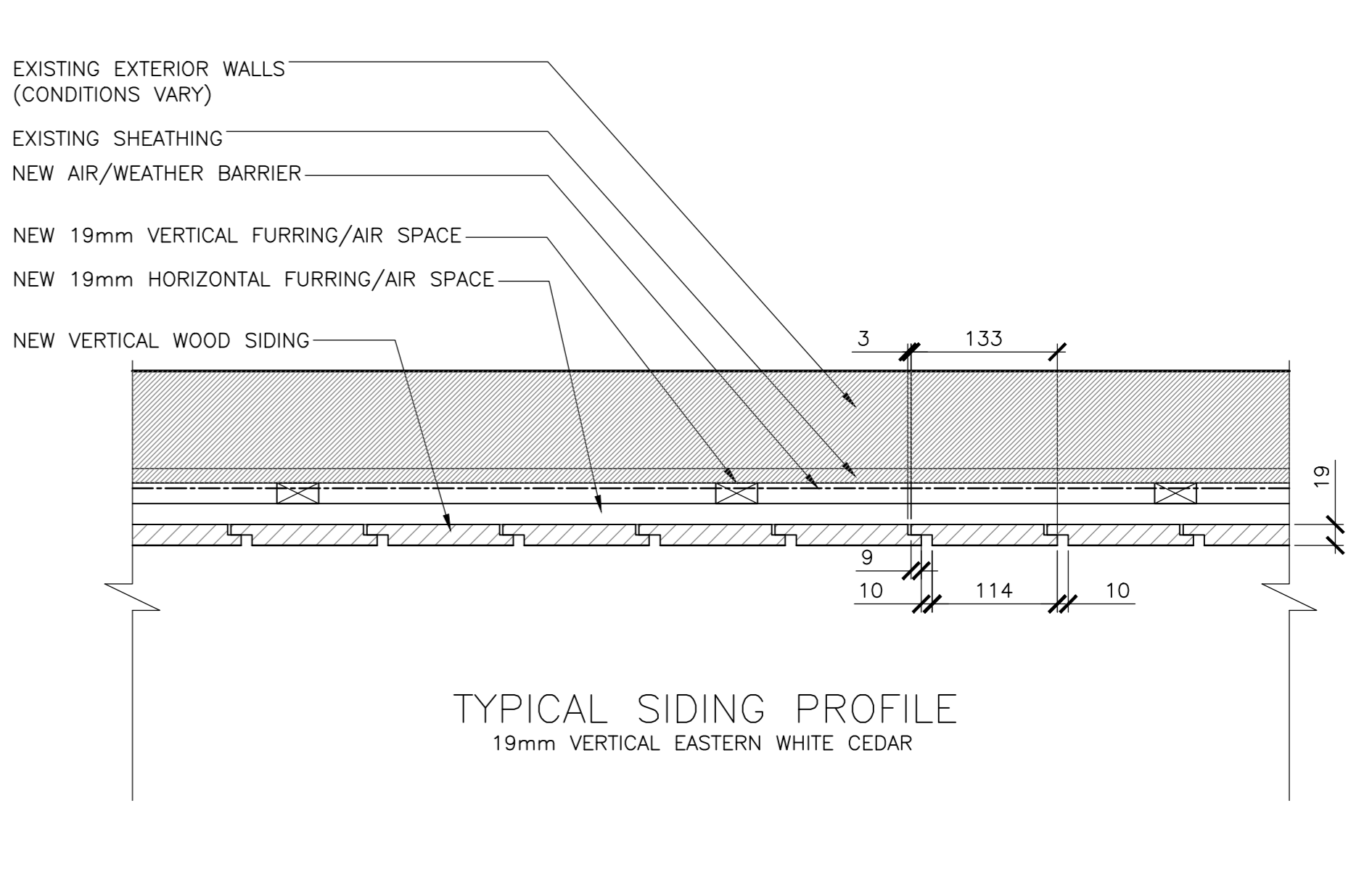
2 SECTION DETAIL - TYP. TRANSITION
501 SCALE: 1:5



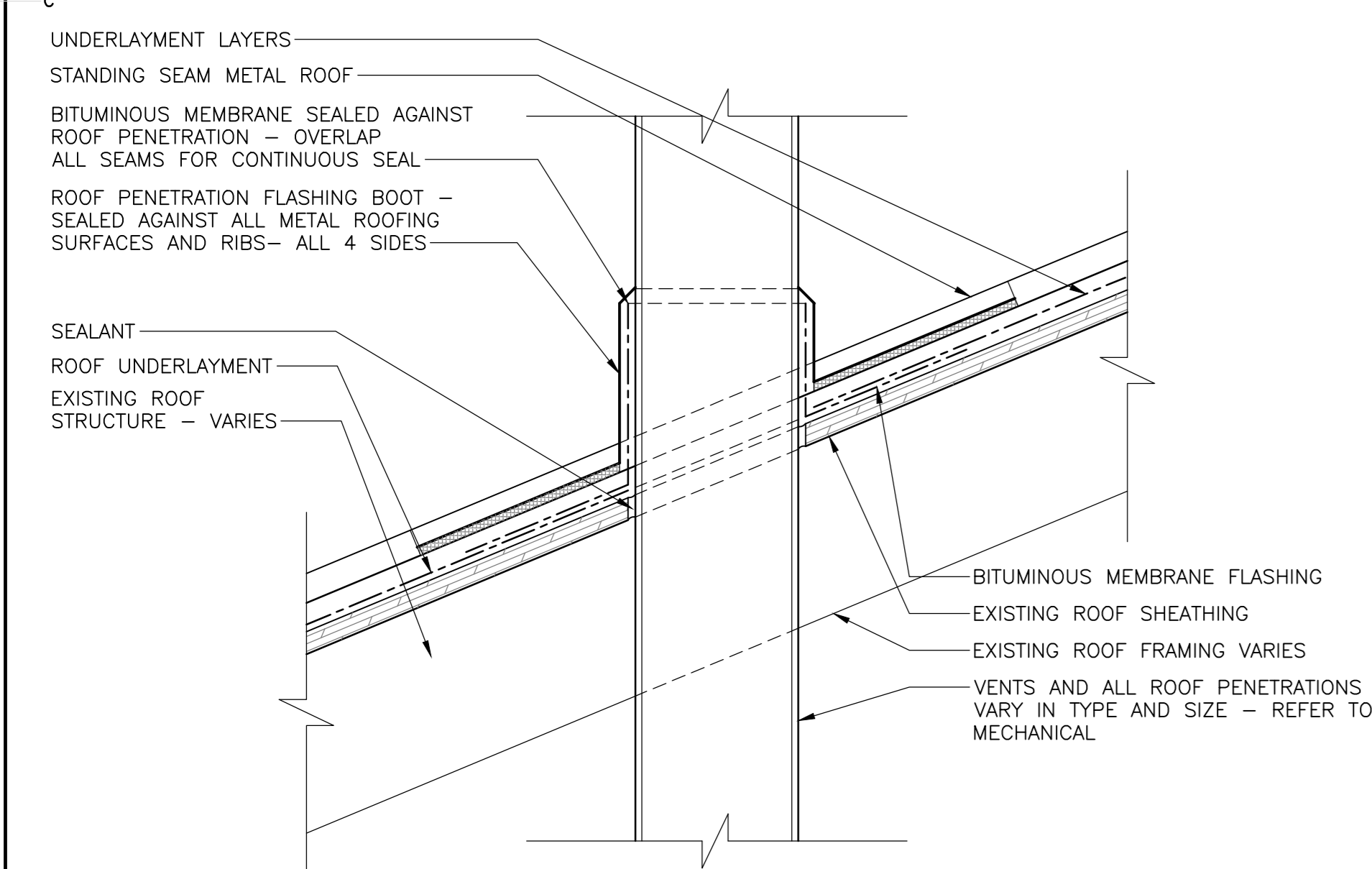
6 SECTION DETAIL - BOTTOM OF VENT
501 SCALE: 1:5



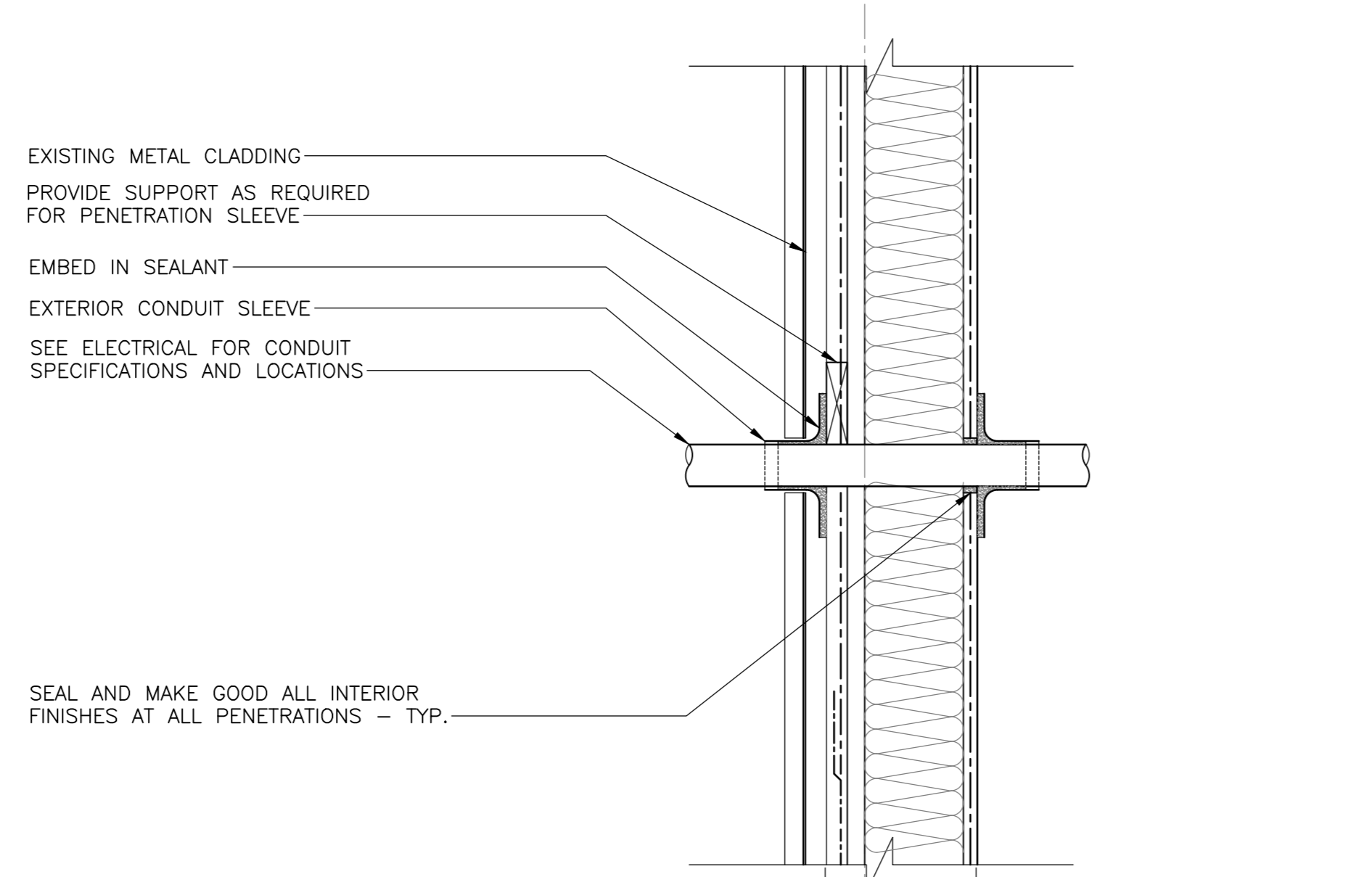
10 SECTION DETAIL - VENT KELLY'S BLD.
501 SCALE: 1:5



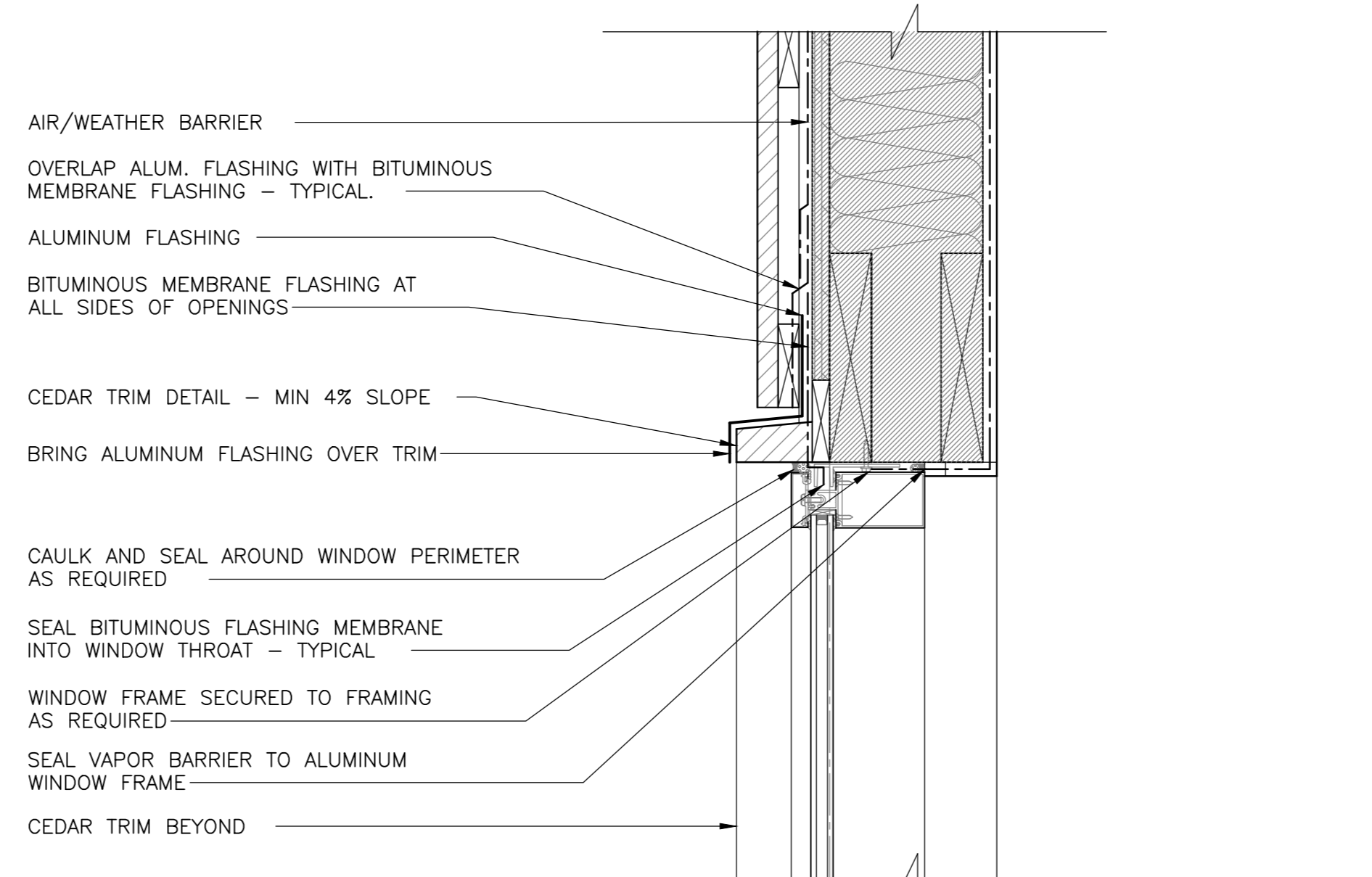
14 PLAN DETAIL - VERTICAL SIDING, TYP.
501 SCALE: 1:5



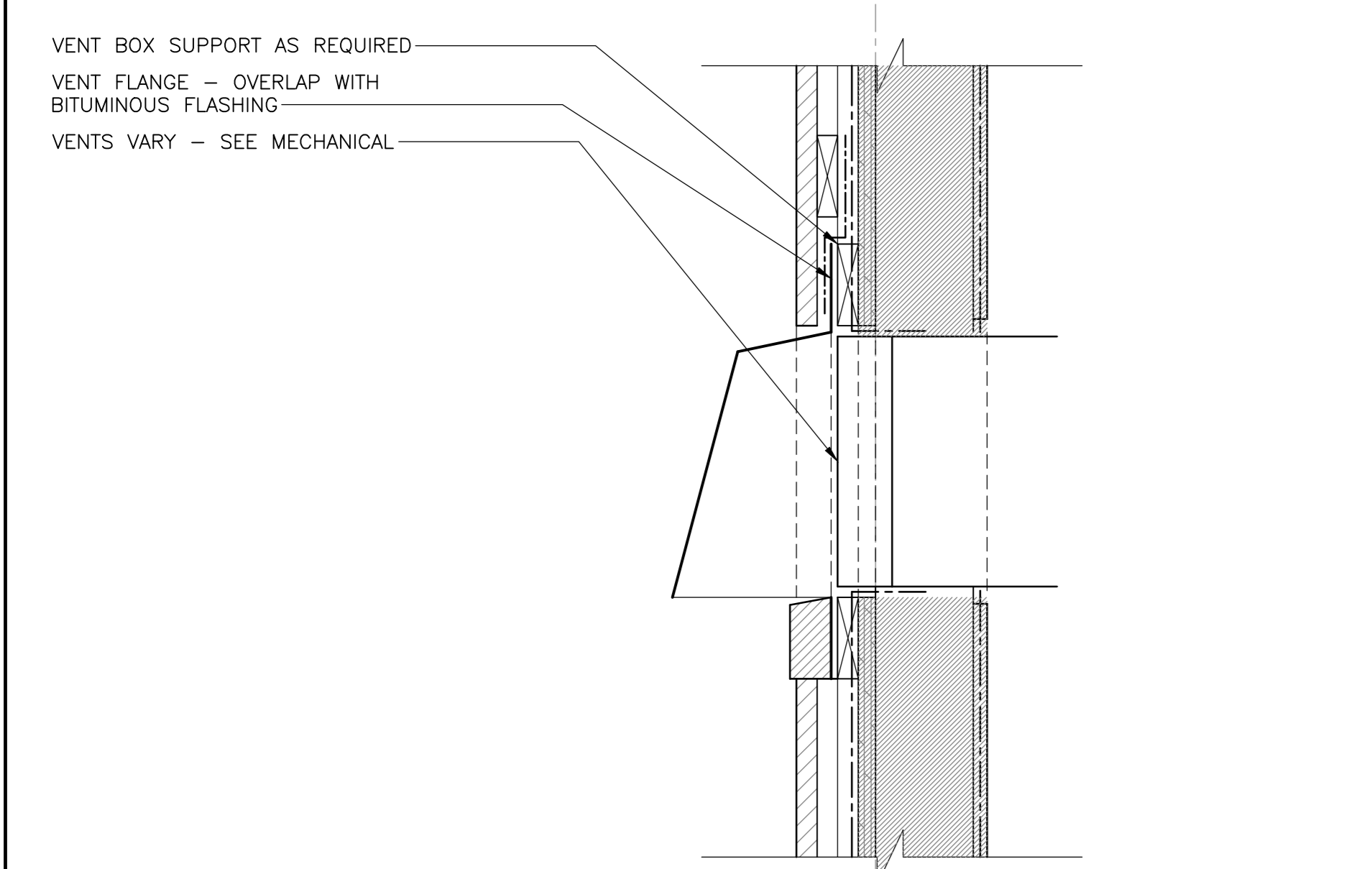
3 SECTION DETAIL - METAL ROOF PENETRATION
501 SCALE: 1:5



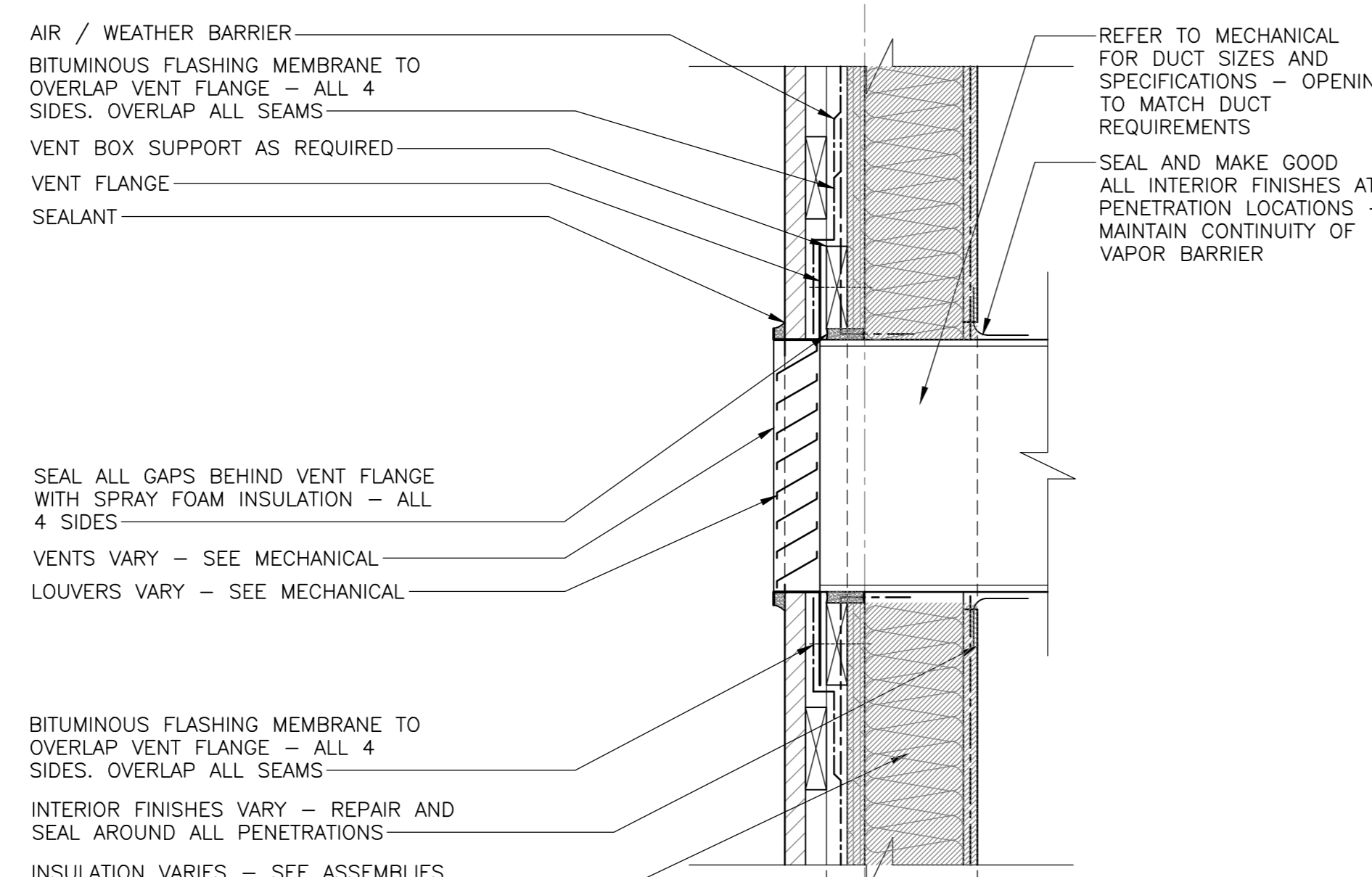
7 SECTION DETAIL - CONDUIT EXT WALL ADMIN BLD.
501 SCALE: 1:5



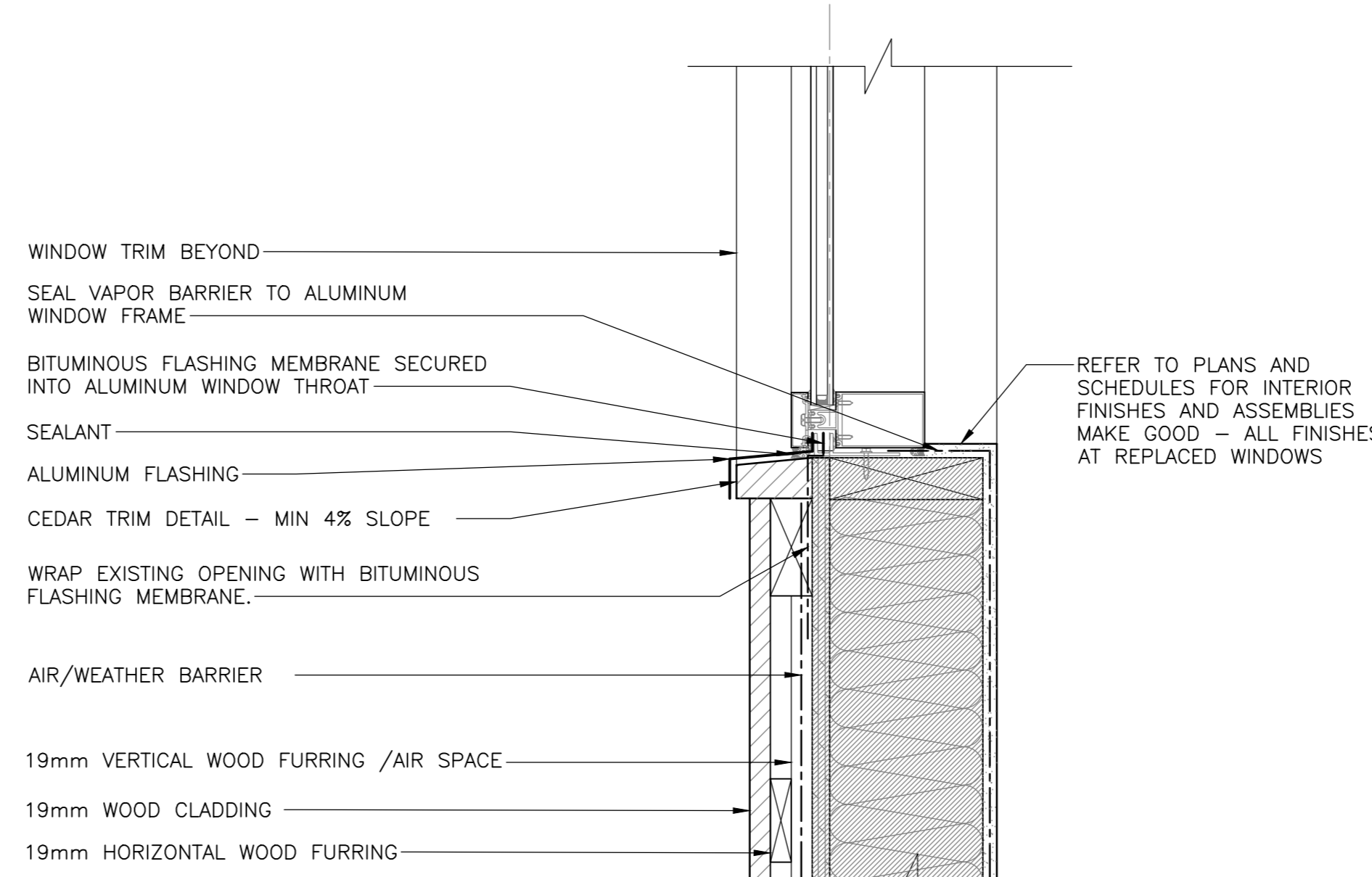
11 SECTION DETAIL - TYP. HEADER K1,K2
501 SCALE: 1:5



4 SECTION DETAIL - VENT HOOD
501 SCALE: 1:5

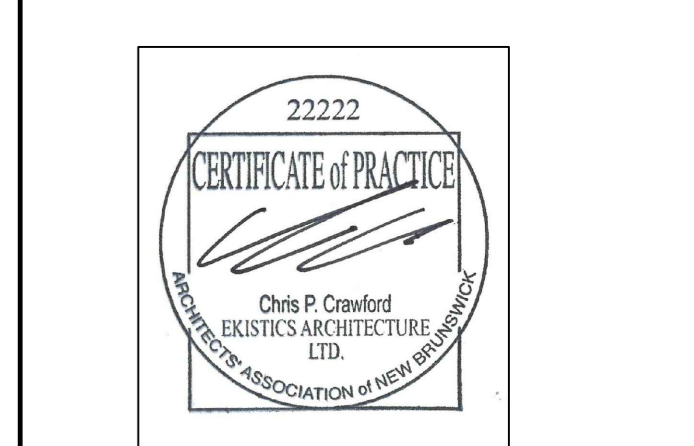


8 SECTION DETAIL - VENT WOOD BLD.
501 SCALE: 1:5



12 SECTION DETAIL - TYP. SILL K1,K2
501 SCALE: 1:5

Canada
EKISTICS PLANNING & DESIGN
1 STARR LANE, DARTMOUTH
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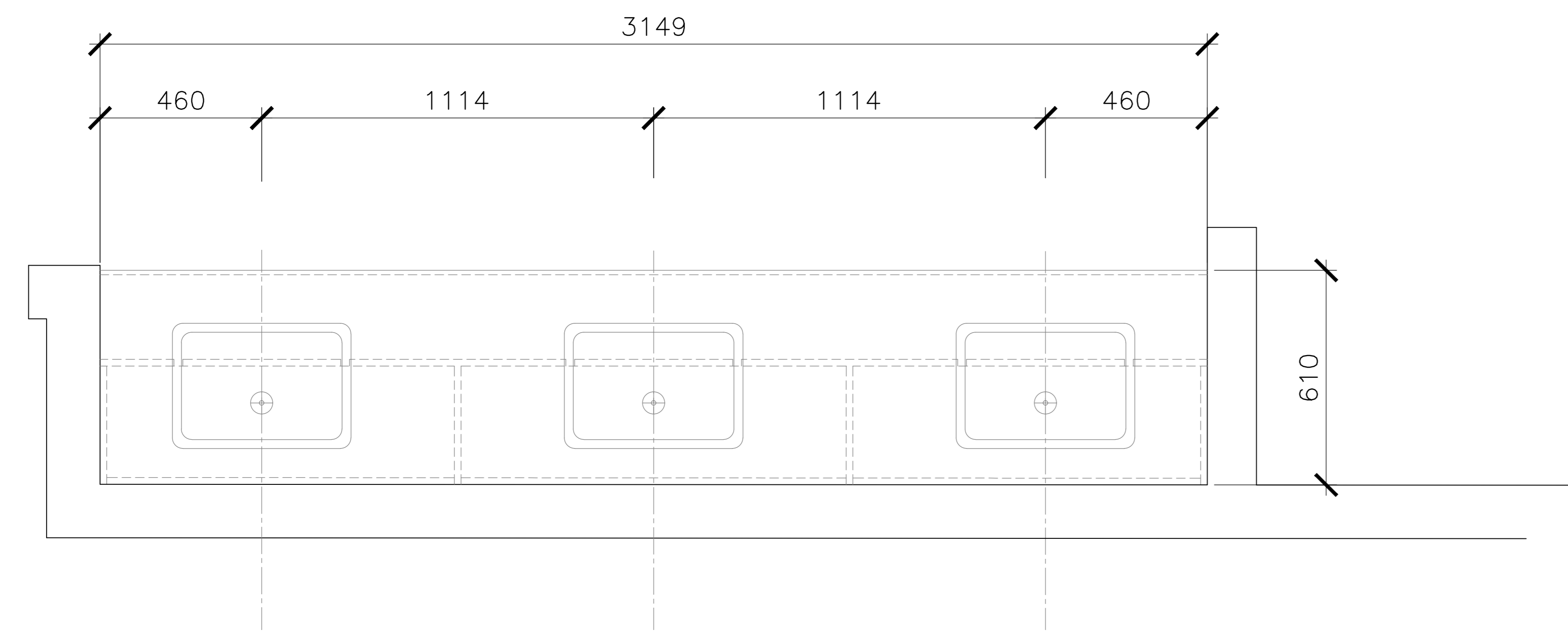


5	ISSUED FOR TENDER	01/31
4	ISSUED FOR BS8	12/21
3	ISSUED FOR BS4	11/15
2	ISSUED FOR BS3	09/25
1	ISSUED FOR BS2	08/09

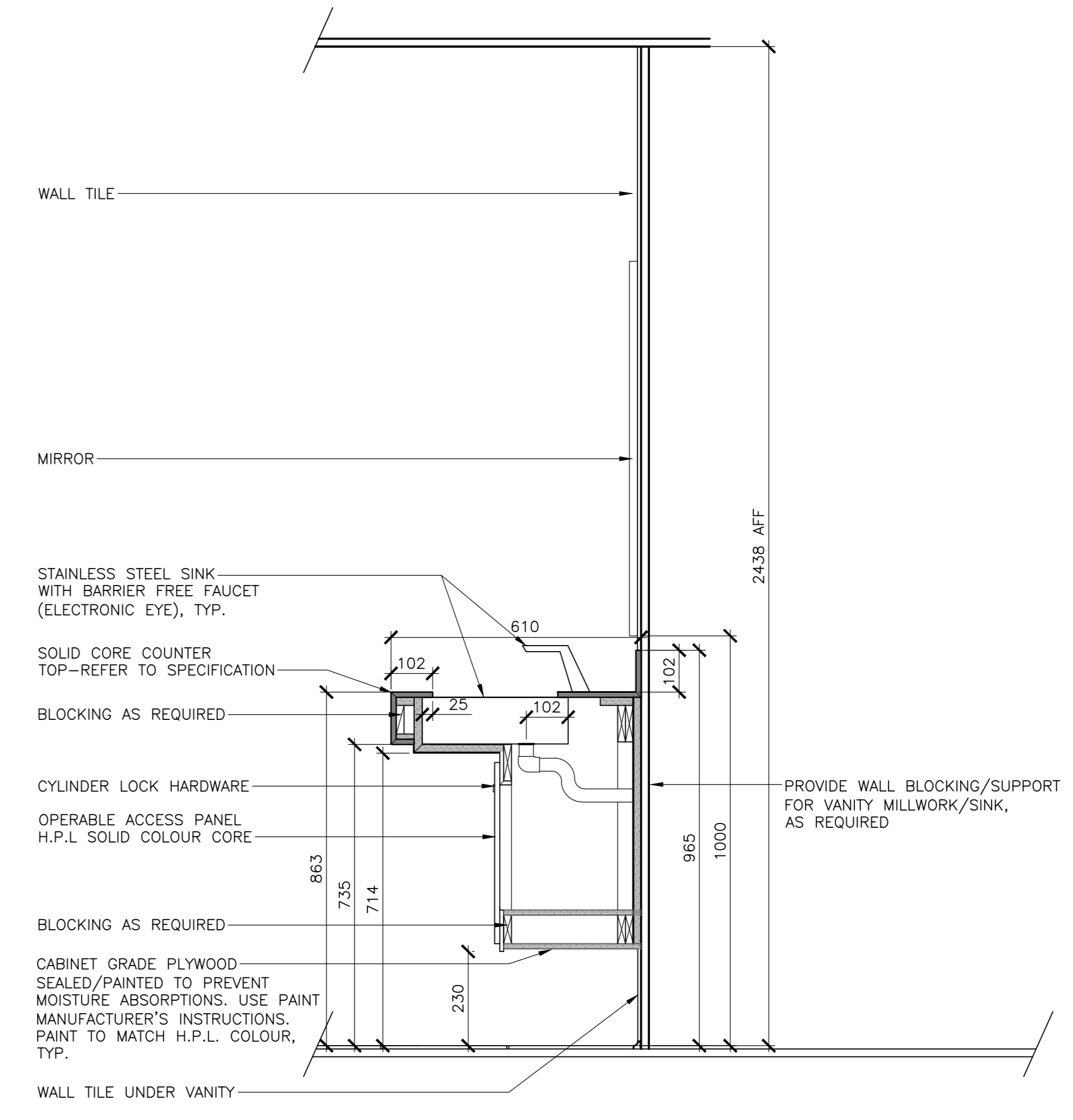
project
FACILITY REHABILITATION
KOUCHIBOUGUAC
NATIONAL PARK
KOUCHIBOUGUAC
NEW BRUNSWICK

MISCELLANEOUS DETAILS

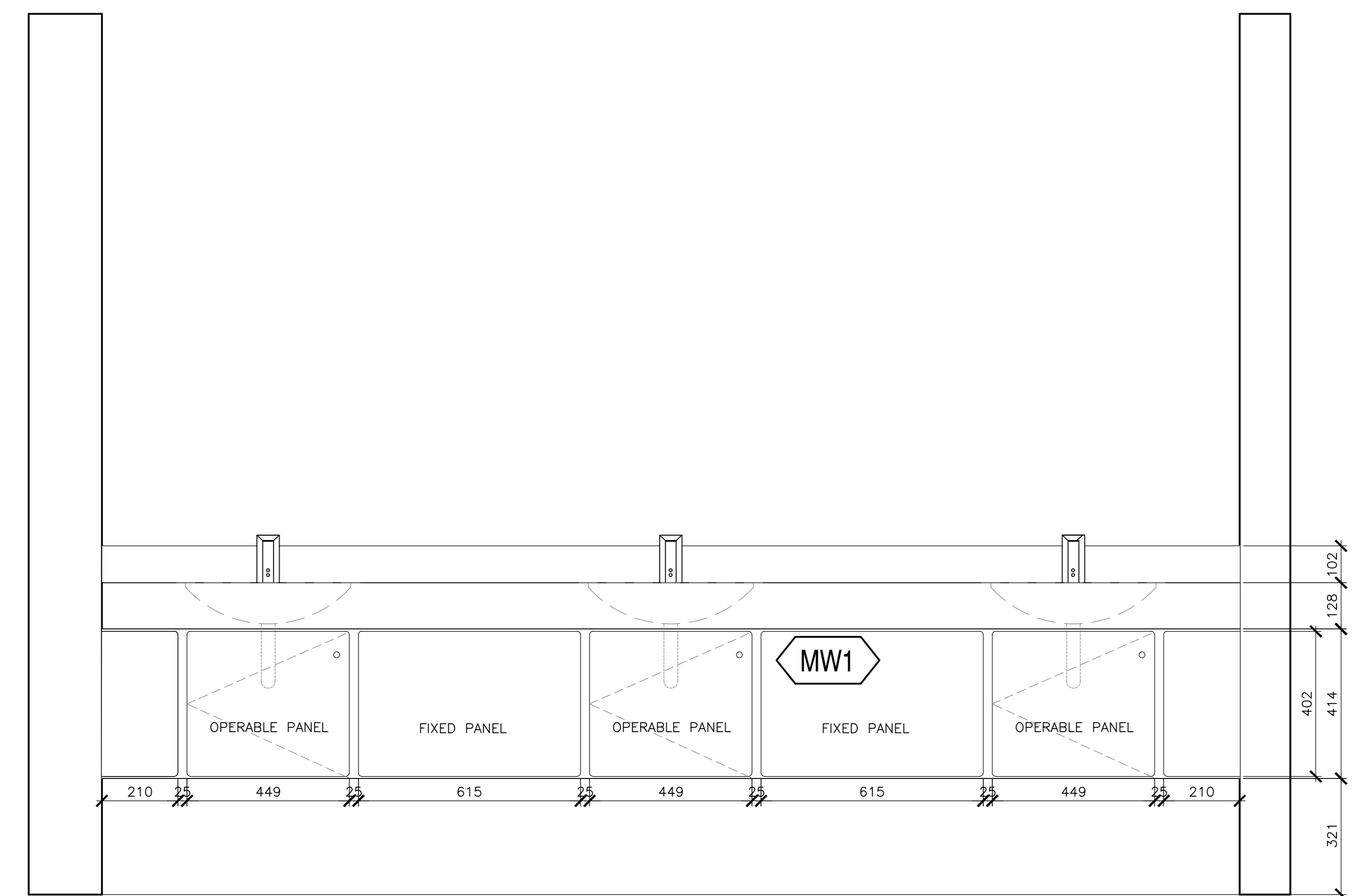
designed	Ekistics Planning & Design	concep
drawn		dessiné
approved		approuvé
Tender		Submission
FWSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
drawing no.		no. du dessin



1 MW1 - PLAN
 SCALE: 1:10
 0mm 100 200 300 400 500 600 700 800 900 1000mm



3 MW1 - SECTION
 SCALE: 1:10
 0mm 100 200 300 400 500 600 700 800 900 1000mm



2 MW1 FRONT ELEVATIONS
 SCALE: 1:10
 0mm 100 200 300 400 500 600 700 800 900 1000mm

MILLWORK GENERAL NOTES

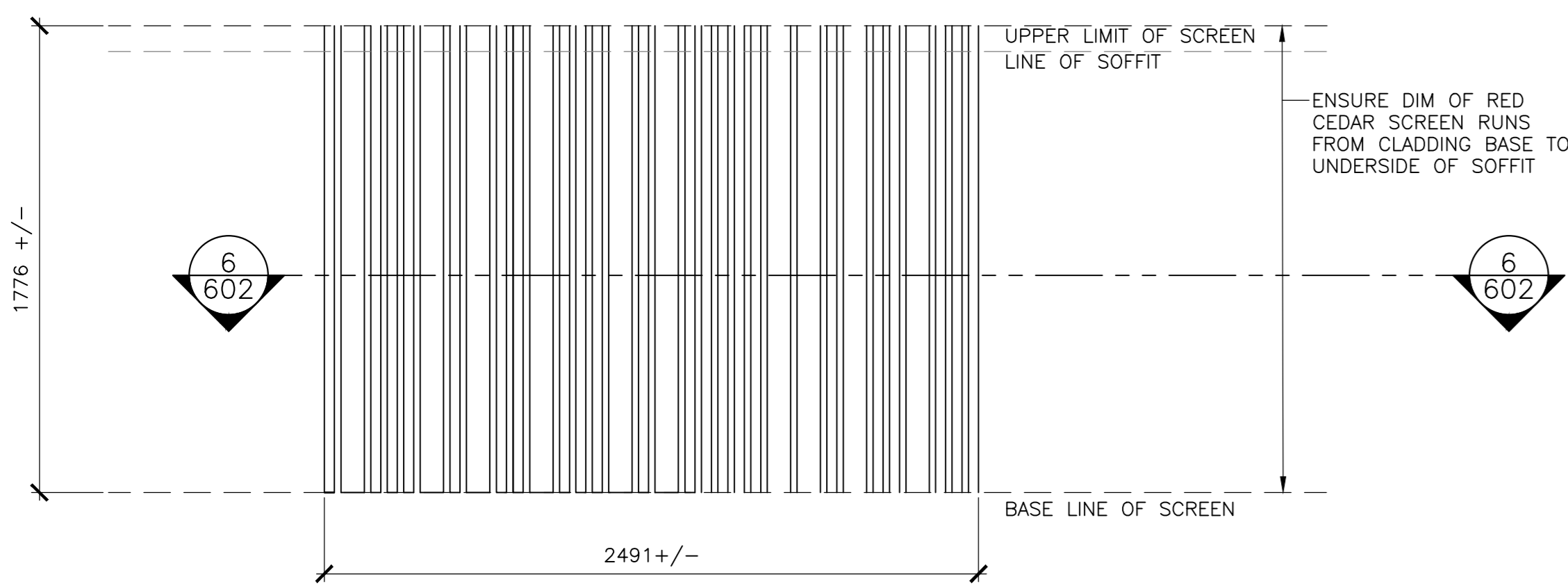
1. ALL DIMENSIONS ARE TO BE VERIFIED ON SITE.
2. PROVIDE BLOCKING AS NEEDED
3. REFER TO ARCHITECTURAL SPECIFICATIONS FOR DETAILS
4. ALL EXPOSED PLYWOOD AT U/S OF VANITY TO BE SEALED AND PAINTED. COLOUR TBD.
5. ALL FASTENERS TO BE STAINLESS STEEL.

5	ISSUED FOR TENDER	01/31
4	ISSUED FOR BS8	12/21
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2	ISSUED FOR BS3	09/25
1	ISSUED FOR BS2	08/09

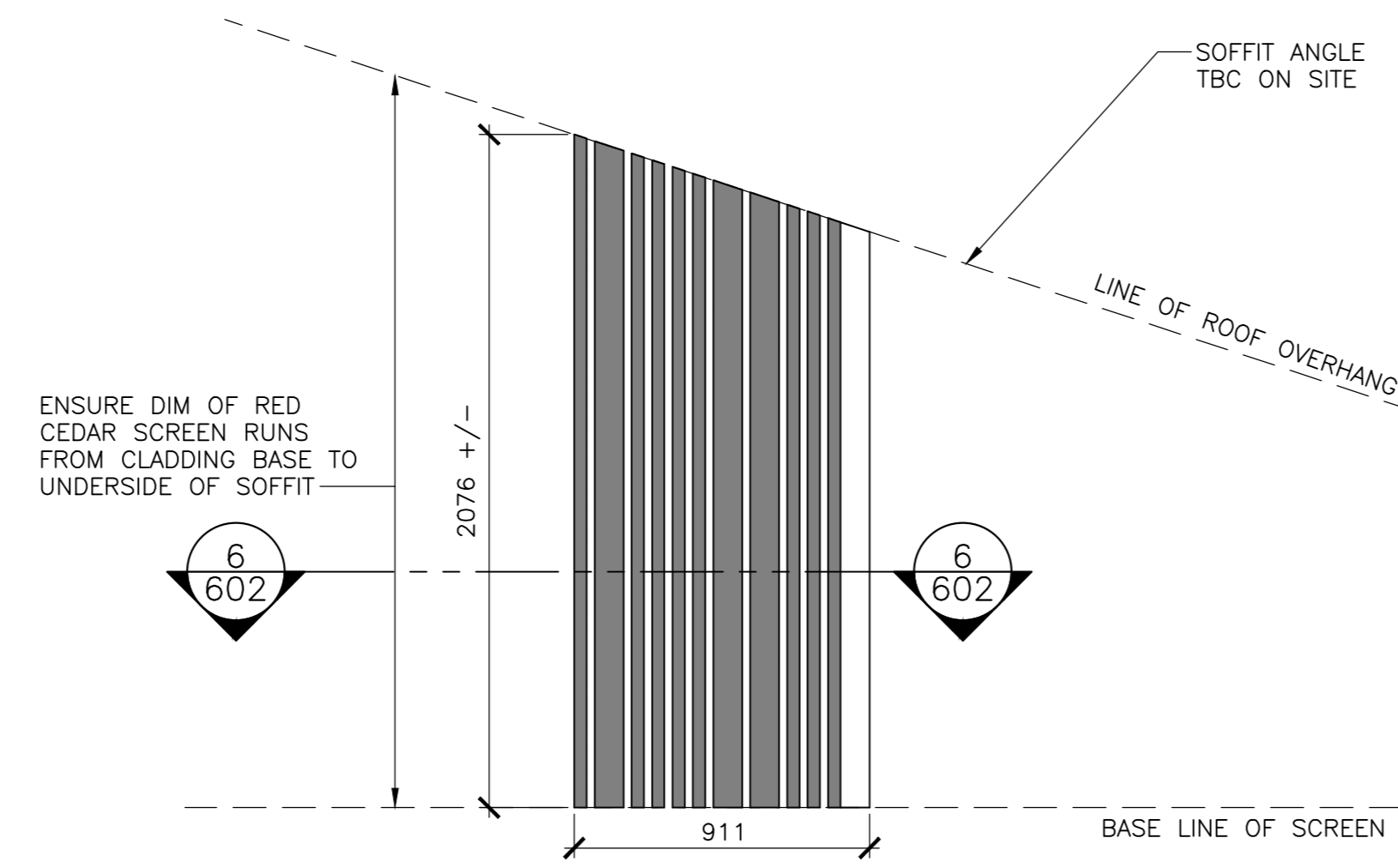
project: FACILITY REHABILITATION
 KOUCHIBOUQUAC
 NATIONAL PARK
 KOUCHIBOUQUAC
 NEW BRUNSWICK

drawing: SERVICE BUILDING 'C'
 WASHROOM MILLWORK

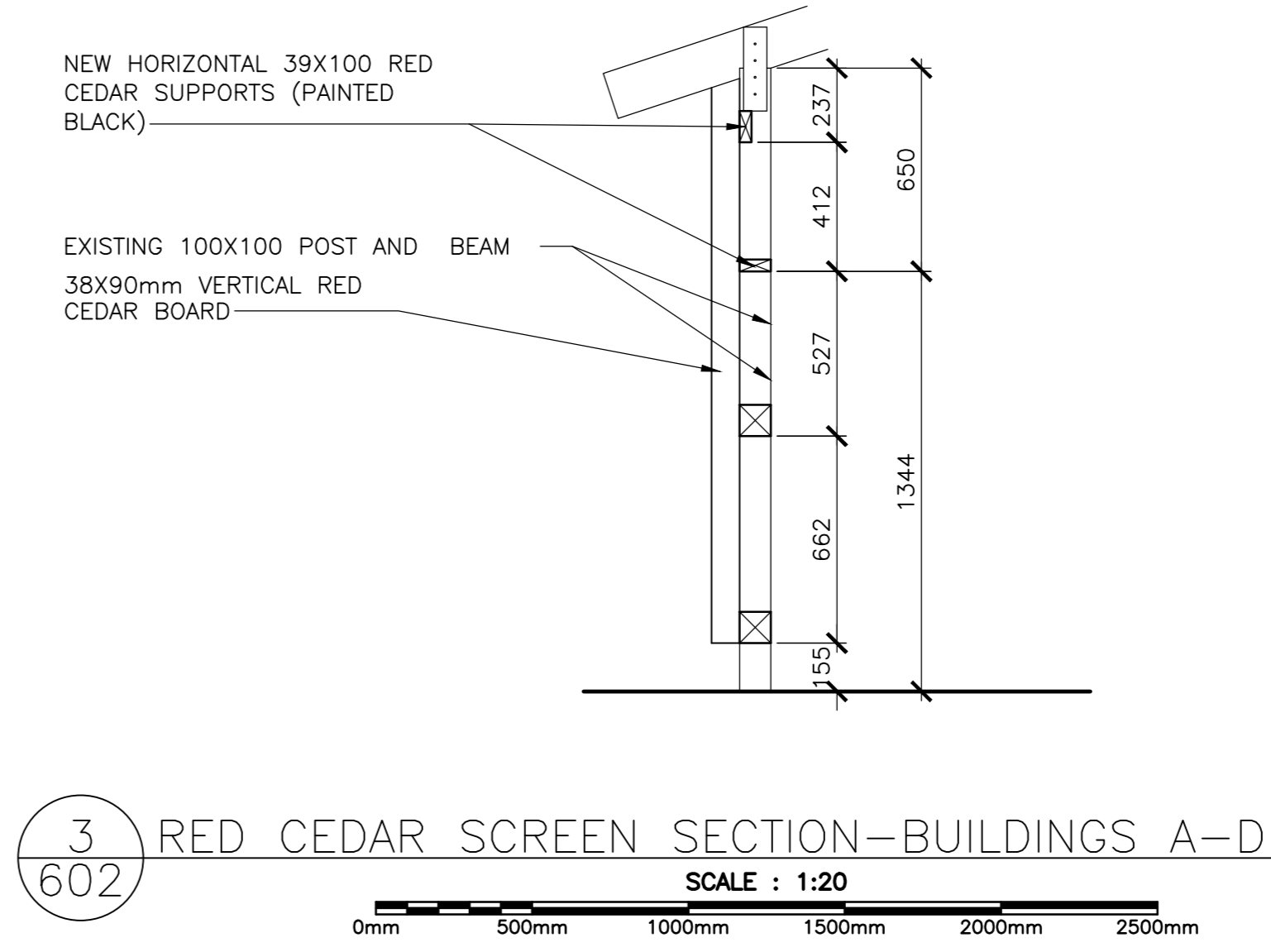
designed	conçu
date	
drawn	dessiné
date	
approved	approuvé
date	
Tender	Submission
PWSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
1848-954	
drawing no.	no. du dessin
A-601	



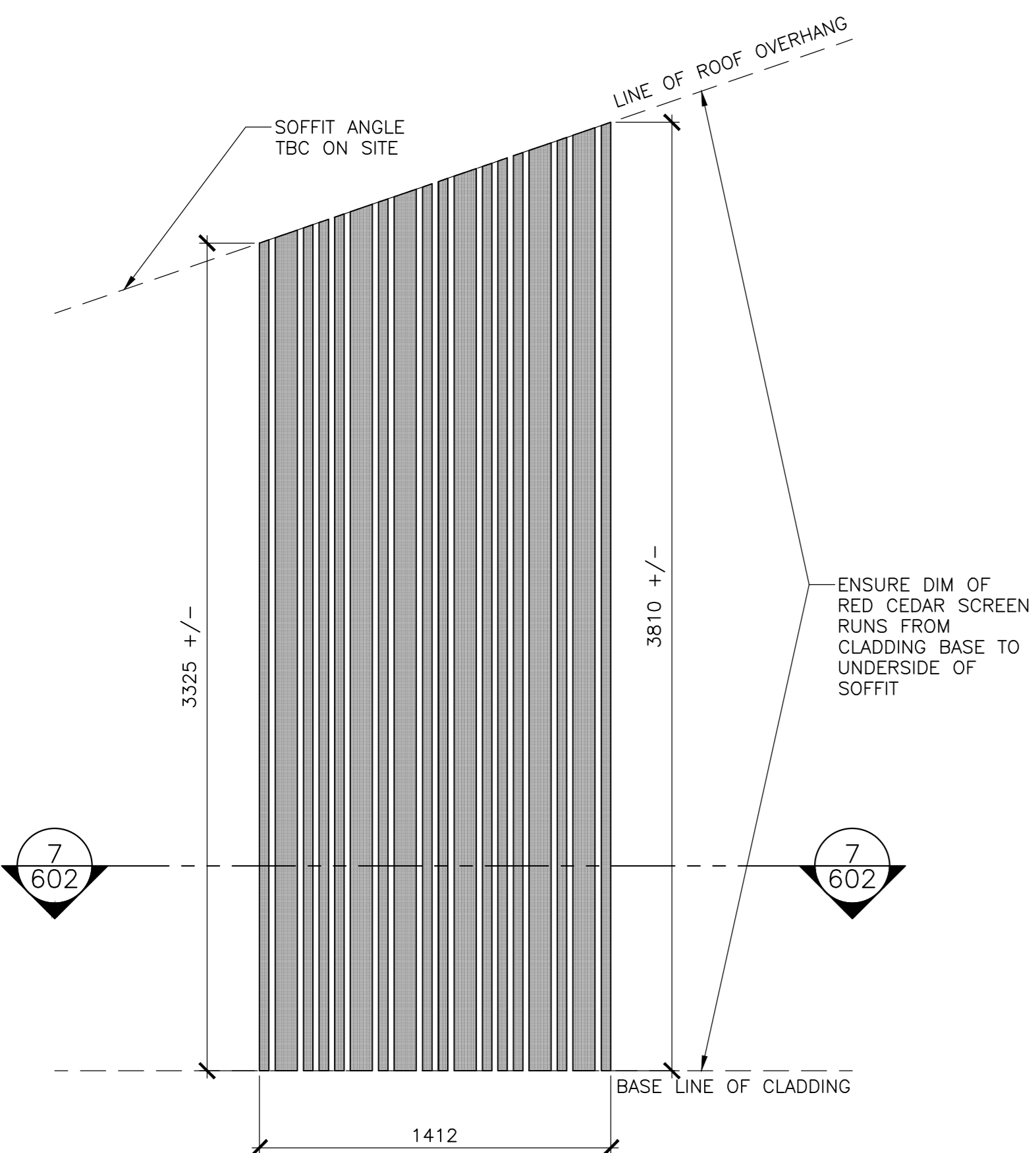
1 RED CEDAR SCREEN ELEVATION-BUILDINGS A-D
SCALE : 1:20



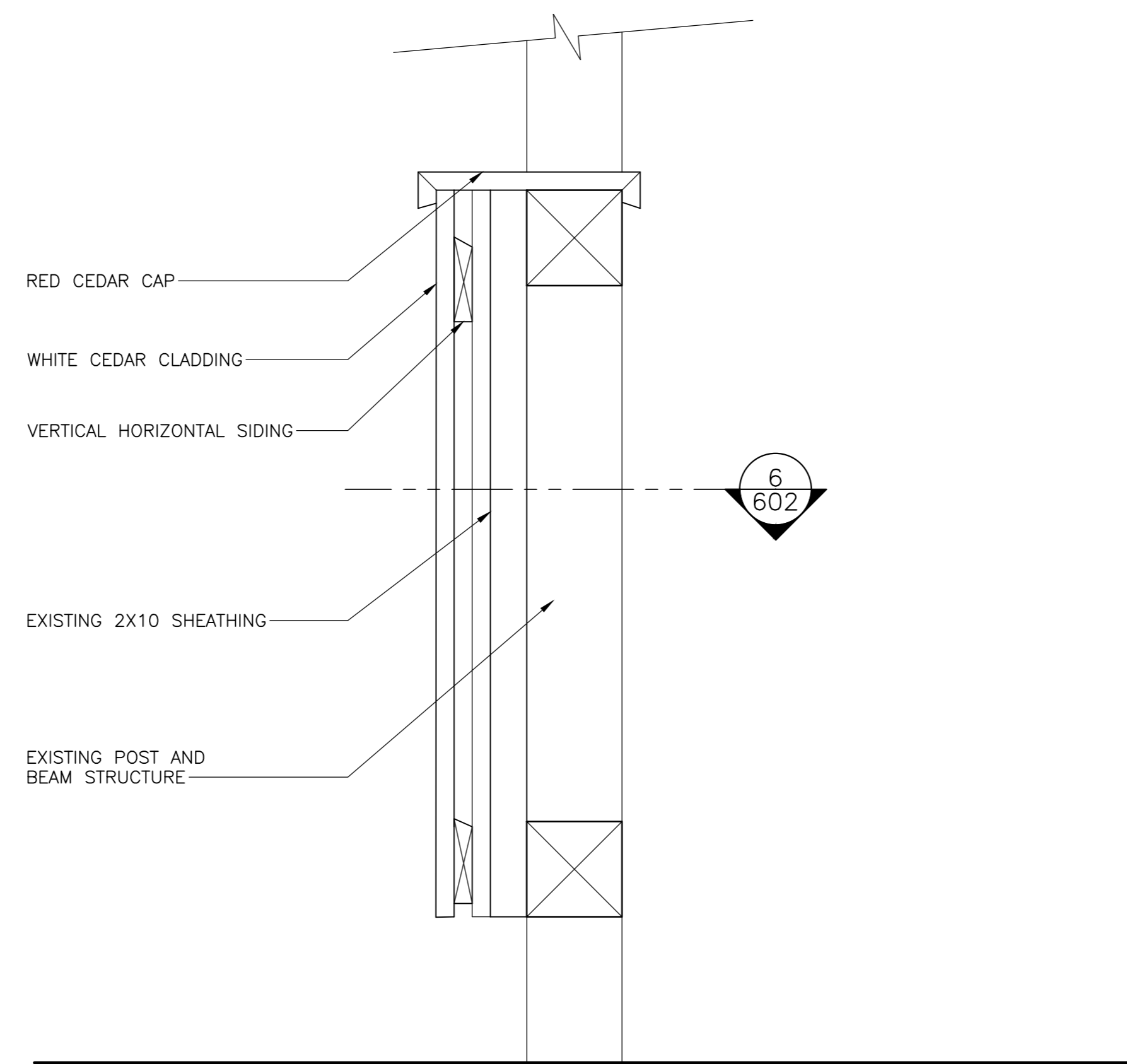
2 RED CEDAR SCREEN ELEVATION-BUILDINGS A-D
SCALE : 1:20



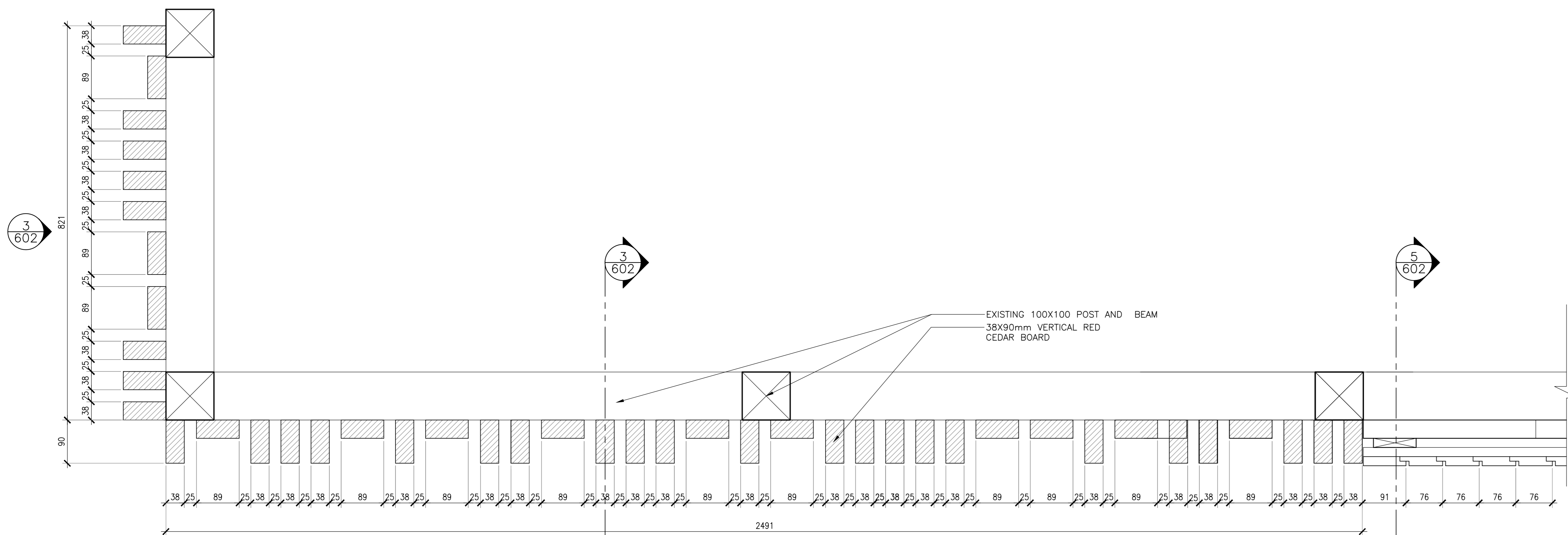
3 RED CEDAR SCREEN SECTION-BUILDINGS A-D
SCALE : 1:20



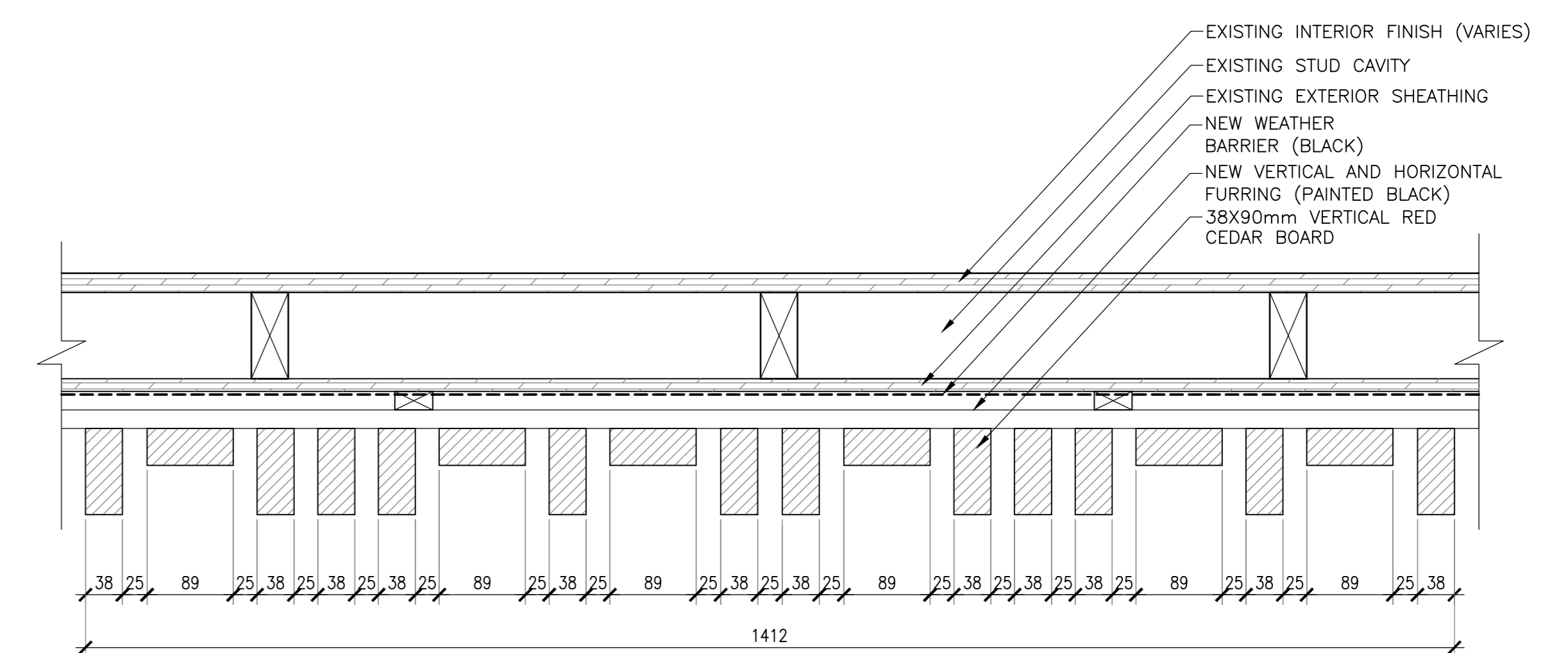
4 RED CEDAR SCREEN ELEVATION-BUILDINGS A-D
SCALE : 1:20



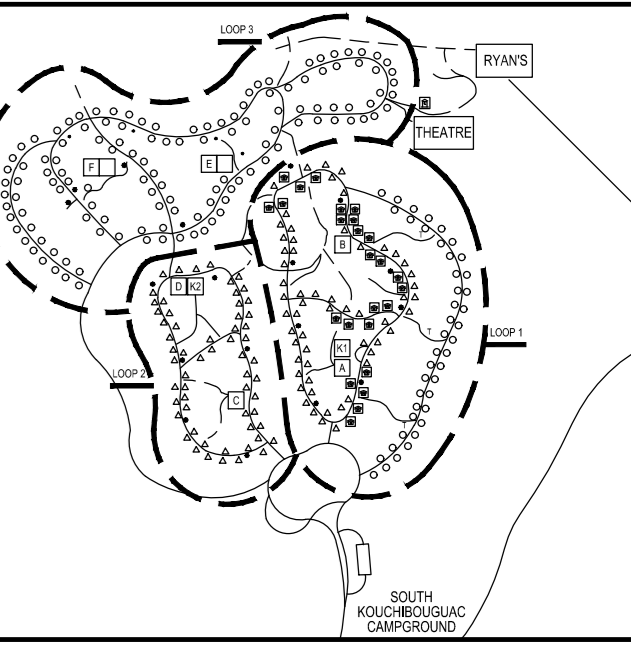
5 PORCH RAILING DETAIL
SCALE : 1:5



6 RED CEDAR WASHING AREA SCREEN CLADDING DETAIL
SCALE : 1:5



7 RED CEDAR SCREEN CLADDING DETAIL
SCALE : 1:5

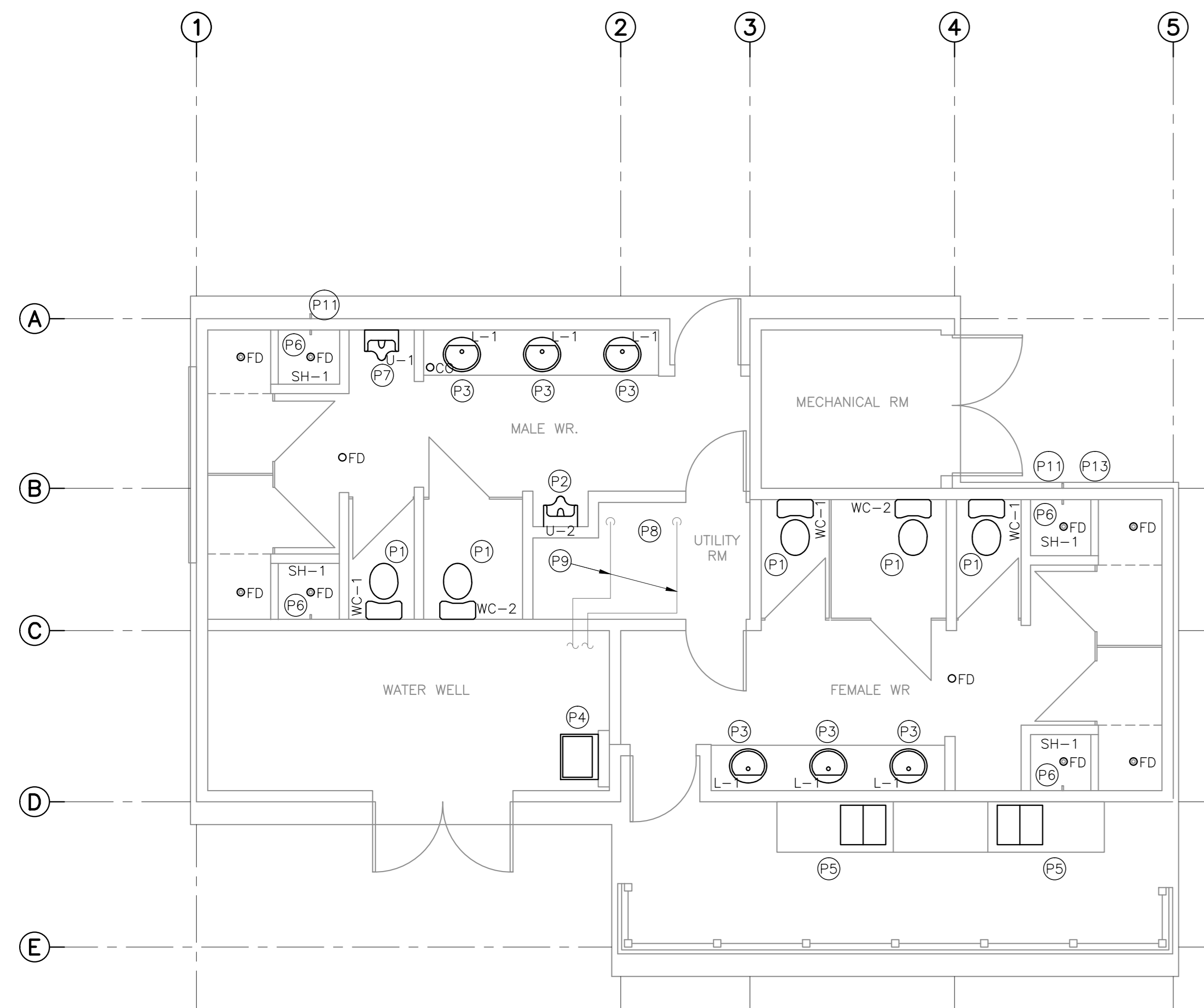


5	ISSUED FOR TENDER	01/31
4	ISSUED FOR BS8	12/21
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2	ISSUED FOR BS3	09/25
1	ISSUED FOR BS2	08/09

project
**FACILITY REHABILITATION
KOUCHIBOUGUAC
NATIONAL PARK
KOUCHIBOUGUAC
NEW BRUNSWICK**

drawing
**SERVICE BUILDINGS
A,B,C,D
SCREEN
DETAILS**

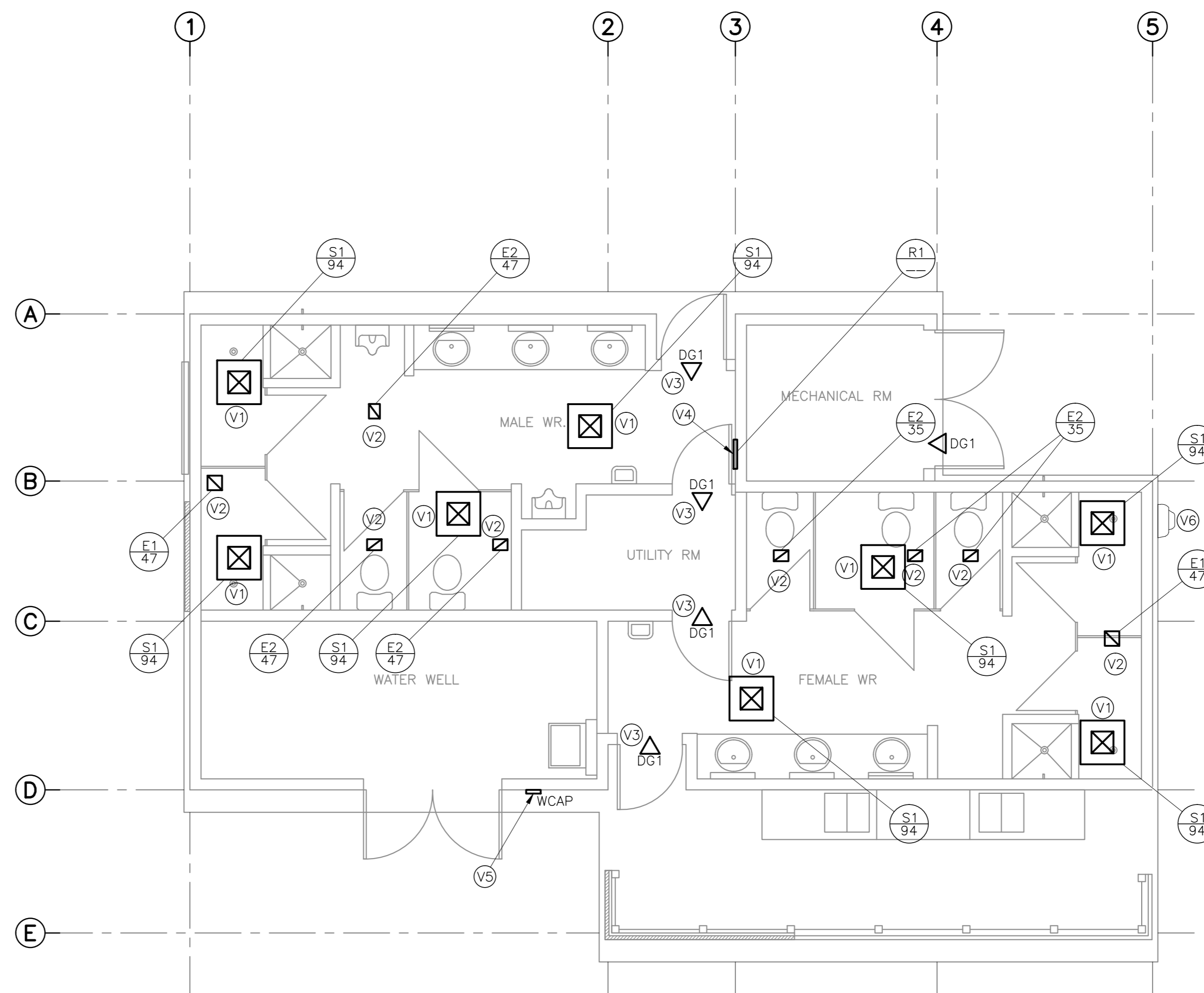
designed Ekistics Planning & Design
drawn
date
approved
date
Tender
Project Manager
1848-954
drawing no. A-602



SERVICE BUILDING 'C' - DOMESTIC SERVICES

SCALE : 1:50

- P1 REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW WATER CLOSET C/W SEAL, BRAIDED FLEXIBLE RISER AND STOPS.
- P2 REMOVE EXISTING FLOOR MOUNT URINAL AND REPLACE WITH NEW WALL MOUNT URINAL C/W FLUSH VALVE AND P-TRAP AND HANGER. EXTEND SANITARY PIPING FROM FLOOR LEVEL IN WALL TO NEW URINAL.
- P3 REMOVE EXISTING LAVATORY AND REPLACE WITH NEW LAVATORY C/W FAUCET, WASTE, P-TRAP, BRAIDED FLEXIBLE RISERS AND STOPS.
- P4 EXISTING FREESTANDING UTILITY SINK TO REMAIN.
- P5 REMOVE EXISTING FREE STANDING SCULLERY SINK AND EXPOSED SANITARY PIPING ON EXTERIOR WALL. RE-INSTATE EXISTING SCULLERY SINK AND FAUCET. PROVIDE NEW SANITARY PIPING AND P-TRAP, BRAIDED FLEXIBLE RISERS.
- P6 REMOVE EXISTING SHOWER TRIM AND REPLACE WITH NEW.
- P7 REMOVE EXISTING WALL MOUNT URINAL AND REPLACE WITH NEW WALL MOUNT URINAL C/W FLUSH VALVE AND P-TRAP.
- P8 REMOVE EXISTING THERMOSTATIC MIXING VALVE AND REPLACE WITH NEW THERMOSTATIC MIXING VALVE IN UTILITY ROOM.
- P9 INSULATE EXISTING EXPOSED NPS 3 PVC DOMESTIC COLD WATER PIPING IN UTILITY ROOM. CONFIRM ACTUAL PIPE SIZE ON SITE.
- P10 ALLOW FOR THE REPLACEMENT OF (2 - NPS 3) PLUMBING VENTS, NOT SHOWN THROUGH ROOF. CONFIRM SIZE OF PLUMBING VENT ON SITE. PROVIDE SUITABLE FLASHING FOR STANDING METAL SEAM ROOF OR ASPHALT SHINGLES. FINAL DECISION ON FLASHING TYPE TO BE DETERMINED ON SITE.
- P11 REMOVE EXISTING EXTERIOR WALL HYDRANT, 2 TOTAL, AND CAP PIPING INSIDE BUILDING.
- P12 REMOVE EXISTING CAPPED PIPE EXTENDING THROUGH EXTERIOR WALL. CAP PIPING INSIDE BUILDING.
- P13 REPLACE FLOOR DRAIN (FD) GRATES IN WASHROOMS. GRATE TO BE OF SAME MANUFACTURER AS EXISTING. CONFIRM QUANTITIES ON SITE.
- P14 REPLACE CLEAN-OUT (CO) PLUGS AND O-RINGS IN WASHROOMS. PLUG AND O-RING TO BE OF SAME MANUFACTURER AS EXISTING. CONFIRM QUANTITIES ON SITE.



SERVICE BUILDING 'C' - VENTILATION

SCALE : 1:50

1. CONFIRM EXACT SIZES FOR EXISTING GRILLES AND DIFFUSERS ON SITE PRIOR TO SHOP DRAWING SUBMISSION.
2. RE-BALANCE AIR FLOW FROM EXISTING FURNACE EQUALLY AMONGST SUPPLY DIFFUSERS.
- V1 REMOVE EXISTING SUPPLY DIFFUSER AND REPLACE WITH NEW SUPPLY DIFFUSER. EXTEND DUCTWORK TO SUIT DIFFUSER LOCATION.
- V2 REMOVE EXISTING EXHAUST GRILLE AND REPLACE WITH NEW EXHAUST GRILLE.
- V3 NEW DOOR GRILLE. COORDINATE SIZE WITH FINAL DOOR SHOP DRAWING.
- V4 REMOVE EXISTING RETURN GRILLE AND REPLACE WITH NEW RETURN GRILLE.
- V5 REMOVE EXISTING WALL CAP AND REPLACE WITH NEW WALL CAP.
- V6 EXISTING WALL MOUNTED EXHAUST FAN TO REMAIN.
- V7 PROVIDE SUITABLE FLASHING FOR STANDING METAL SEAM ROOF OR ASPHALT SHINGLES. FLASHING TO BE PRODUCT FROM CHIMNEY MANUFACTURER. FINAL DECISION ON FLASHING TYPE TO BE DETERMINED ON SITE.

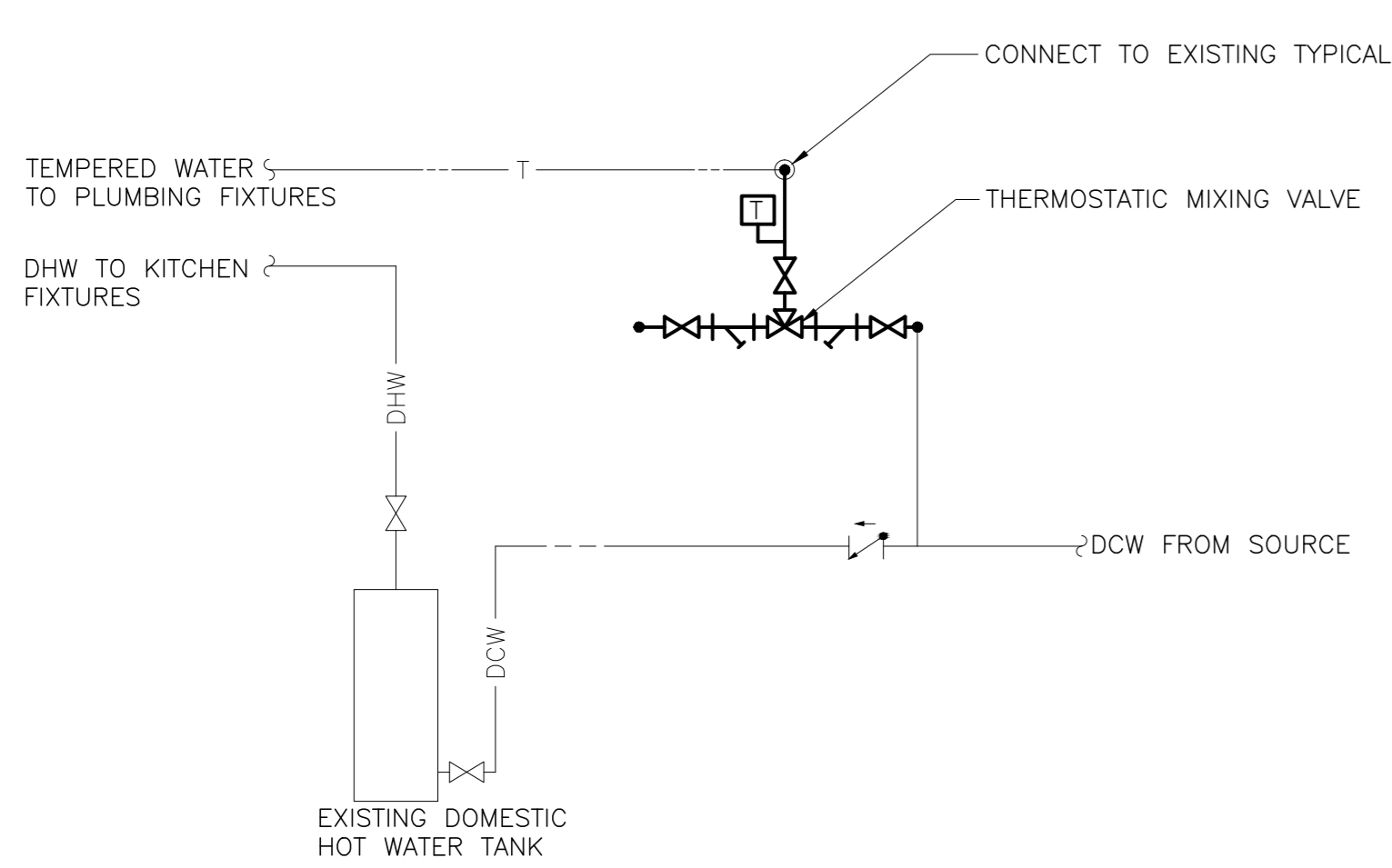
ITEM	PIPE CONNECTION				DESCRIPTION
	DCW	DHW	SANITARY	VENT	
WC-1	1/2	-	3	1 1/2	WATER CLOSET - FLOOR MOUNTED
WC-2	1/2	-	3	1 1/2	WATER CLOSET - FLOOR MOUNTED, BARRIER FREE
U-1	3/4	-	2	1 1/4	URINAL - WALL HUNG
U-2	3/4	-	2	1 1/4	URINAL - WALL HUNG - BARRIER FREE
L-1	1/2	1/2	1 1/4	1 1/4	LAVATORY - VANITY - BARRIER FREE
SH-1	-	-	-	-	EXISTING SHOWER - TRIM TO BE REPLACED

VENTILATION LEGEND	SYMBOL
FRESH AIR \ SUPPLY AIR	⊠
EXHAUST AIR \ RETURN AIR	⊞
FRESH AIR	EA
SUPPLY AIR	RA
RETURN AIR	SA
EXHAUST AIR	FA
AIR FLOW (l/s)	→ XX
GRILLE/DIFFUSER	⊞ XX

No.	DESCRIPTION	NECK DIA. (mm)	CEILING PANEL SIZE (mmxmm)	FACE SIZE (mmxmm)	FLOW RATE (l/s)	REMARKS
S1	SQUARE PLAQUE DIFFUSER	150ø	600x600	300x300		c/w BALANCING DAMPER
E1	EGG CRATE FACE EXHAUST	-	-	200x200		c/w OPPOSED BLADE DAMPER
E2	EGG CRATE FACE EXHAUST	-	-	200x150		c/w OPPOSED BLADE DAMPER
R1	LOUVERED FACE RETURN	-	-	400x300		REFER TO PLANS
DG1	DOOR GRILLE	-	-	500x400		c/w BORDER BOTH SIDES

No.	SERVICES	OVERALL SIZE WIDTH x HEIGHT (mm)	VELOCITY (m/s)	REMARKS
WCAP	WATER WELL ROOM EXHAUST	150ø	-	c/w BACK DRAFT DAMPER & SCREEN

NOTES:



SERVICE BUILDING 'C' - TYPICAL PIPING DIAGRAM

IKISTICS PLANNING & DESIGN
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amec foster wheeler
 90 FRED AUSTIN BLVD NS, B1B 2-1
 FREDERICTON, NS B3A 2G6

LICENCED PROFESSIONAL ENGINEER
 Province of New Brunswick
 L3717
 Kevin J. McDonald
 FEB 21, 2018
 Signature
 FREDERICTON, NS
 INGENIEUR TITULAIRE DE PERMIS
 Province du Nouveau-Brunswick

1	RE-ISSUED FOR TENDER	FEB 21 2018
0	ISSUED FOR TENDER	JAN 31 2018
revisions		date
project		project

Facility Rehabilitation
 Kouchibouguac
 National Park
 Kouchibouguac,
 New Brunswick

**SERVICE BUILDING C
 MECHANICAL SERVICES,
 DEMOLITION AND
 NEW CONDITIONS**

designed	K.M.	conçu
date	FEBRUARY 21, 2018	
drawn	R.A.	dessiné
date	FEBRUARY 21, 2018	
approved	K.M.	approuvé
date	FEBRUARY 21, 2018	
Tender		Soumission
PM/SC Project Manager	Administrateur de projets TFGSC	
project number		no. du projet
drawing no.		no. du dessin

LUMINAIRE SCHEDULE				
TYPE	VOLTAGE	LAMP	DESCRIPTION	CATALOGUE NUMBER
A	120	LED 4000K 10W	100mm SQUARE RECESSED DOWNLIGHT SUITABLE FOR MOUNTING IN IMPERIAL T-BAR CEILING, GYPSUM BOARD OR LINEAR METAL CEILING, SEMI SPECULAR REFLECTOR, POLISHED INTEGRAL FLANGE, WIDE BEAM SPREAD, APPROXIMATELY 700 LUMENS	ACUITY CAT.# EVO SO 40/07 4R LSS 120 OR APPROVED EQUAL
B	120	LED 4000K 42W	65x1220mm SUSPENDED STRIPLIGHT FIXTURE, FROSTED LENS, CHAIN SUSPEND TO 2750mm A.F.F. UNLESS OTHERWISE INDICATED, APPROXIMATELY 3900 LUMENS, WHITE FINISH	PHILIPS CAT.# LF4FR3940UDZT CHAIN HANGING KIT (AS REQUIRED); FKR-126 ACUITY CAT.# ZL2N L48 3000LM MDD MWOLT 40K 80CRI WH CHAIN HANGING KIT (AS REQUIRED); HC36 METALUX CAT.# 45NLED-LD4-34SL-LN-UNV-L840-CD1-U CHAIN HANGING KIT (AS REQUIRED); AYC-CHAIN/SET
C	120	LED 4000K 27W	1220mm WALL MOUNTED VANITY LIGHT, APPROXIMATELY 2600 LUMENS, WHITE FINISH	ALW CAT.# FB5MB 4' LOW 4000K 0/10V/ EXT/R 120 WH OR APPROVED EQUAL
D	120	LED 4000K 16W	1220mm RECESSED LINER LIGHT FIXTURE, FROSTED LENS, APPROXIMATELY 1500 LUMENS, WHITE FINISH	PHILIPS CAT.# 39COLAKLS34F771E ACUITY BRANDS CAT.# SL4L LOP 4FT FLP GB 80CRI 40K 400LMF 120 ZT AXIS LIGHTING CAT.# BRLED 400 80 40 FL 4 W 120 DP 1 D
E	120	LED 4000K 12W	150mm ROUND RECESSED SHOWER LIGHT, IP65 RATED, WHITE.	METALUX CAT.# EVO 40/10 6 DFR 120 OR APPROVED EQUAL
F	120	LED 4000K 18W	LOW PROFILE EXTERIOR WALL PACK, DIE-CAST ALUMINUM CONSTRUCTION, STAINLESS STEEL HARDWARE, BLACK FINISH, MATCH EXISTING FIXTURE MOUNTING HEIGHTS	EUREKA CAT.# 3456-BLKE OR APPROVED EQUAL
G	120	LED 4000K 6W	WALL MOUNTED EXTERIOR SIGN LIGHTING FIXTURE c/w 355mm MOUNTING ARM, ADJUSTABLE SIDE SWIVEL FOR FIXTURE AIMING, BLACK FINISH	COOPER CAT.# 922-6LED-40-12-BK-SA14 OR APPROVED EQUAL

DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
'E'	INDICATES EXISTING TO REMAIN.
'D'	INDICATES EXISTING TO BE REMOVED BY THIS CONTRACTOR

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
'S'	SINGLE POLE LINE VOLTAGE LIGHT SWITCH. 'S' INDICATES SWITCHING.
⌘	CEILING MOUNT OCCUPANCY SENSOR
A	1220mm SUSPENDED OR SURFACE MOUNTED LIGHT FIXTURE. 'A' INDICATES FIXTURE TYPE.
B	1220mm RECESSED LIGHT FIXTURE. 'B' INDICATES FIXTURE TYPE.
C	610mm WALL MOUNTED LIGHT FIXTURE. 'C' INDICATES FIXTURE TYPE.
D	RECESSED SQUARE POT LIGHT 'D' DENOTES FIXTURE TYPE.
E	RECESSED ROUND POT LIGHT 'E' DENOTES FIXTURE TYPE.
F	WALL MOUNTED LIGHT FIXTURE 'F' INDICATES FIXTURE TYPE.
G	EMERGENCY LIGHTING BATTERY UNIT, WALL MOUNTED, c/w BATTERY PACK, DUAL HEADS

OCCUPANCY SENSOR SCHEDULE		
TYPE	DESCRIPTION	CATALOGUE NUMBER
⌘	PIR/ULTRASONIC MULTI-TECHNOLOGY TYPE SENSOR, CEILING MOUNTED, 120V, WHITE, 360° FIELD OF VIEW, ADJUST SENSOR COVERAGE ON SITE TO HAVE 9.5m2 COVERAGE MAX (ULTRASONIC)	LEVITON CAT.# 03C10-MDW HUBBELL CAT.# OMNIDT2000BP1277 GREENGATE CAT.# OAC-DT-2000-MV

EMERGENCY FIXTURE SCHEDULE				
TYPE	VOLTAGE	LAMP	DESCRIPTION	CATALOGUE NUMBER
G	120	6W MR16 LED	STEEL BATTERY UNIT RATED FOR 72 WATTS FOR 30 MINUTES MOUNTED 2400mm A.F.F. UNLESS OTHERWISE NOTED, 120V SUPPLY VOLTAGE c/w CORD AND PLUG, NUMBER OF LAMPS AS SHOWN ON DRAWINGS. INSTALL SINGLE RECEPTACLE AT SAME HEIGHT ADJACENT TO BATTERY UNIT.	LUMACELL CAT.# R612C722LD10-ATN AMILITE CAT.# EBST12072/2MB6WLAWH-ATD READY-LITE CAT.# LDXC12724DNZLD10

POWER LEGEND	
SYMBOL	DESCRIPTION
⊖	15A, 120V SINGLE RECEPTACLE
⊖⊖	15A, 120V DUPLEX RECEPTACLE 'GFCI' - INDICATES GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
⊖⊖	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
⊖	120V DIRECT CONNECTION TO EQUIPMENT
■	LIGHTING/POWER PANEL

EXISTING PANEL #	LOCATION:	BUILDING C - UTILITY ROOM		INTERRUPTING RATING		10,000		AMPS					
		VOLTAGE	PANEL TYPE	MAINS	LUGS								
C	1φ, 3W	BKR TYPE	BOLT ON	MOUNTING	SURFACE	BREAKER		70		AMPS			
						MCS		AMPS		BUS 100		AMPS	
DESIGNATION	LOAD (VA)		AWG	CCT #	BKR	A	B	BKR	CCT #	AWG	LOAD (VA)		DESIGNATION
	A	B									A	B	
OUTSIDE LIGHTS				1A	15A				15A	2A			WATER HEATER
OUTSIDE LIGHTS				1B	15A				20A	2B			HAND DRYER-MALE WR.
WASHROOM LIGHTS				3A	15A				20A	4A			HAND DRYER-FEMALE WR.
RECEPTACLES WASHROOM				3B	15A				15A	4B			WATER HEATER
UNKNOWN				5A	15A				15A	6A			UNKNOWN
WATER PUMP				5B	20A				15A	6B			LIGHTING
UNKNOWN				7A	20A				15A	8A			PLUG MECH
UNKNOWN				7B	15A				15A	8B			FURNACE RM
KIOSK				9	40A				30A	10			SEWAGE PUMP
				11	2P				2P	12			
NOTES:				LOAD		WATTS		AMPS					
1. REMOVE EXISTING HANDLE TIE BETWEEN BREAKERS.				PHASE A									
				PHASE B									
				PHASE C									
				TOTAL						EXISTING MINI POWER CENTRE FED FROM 50A MAIN BREAKER			

REVISED PANEL #	LOCATION:	BUILDING C - UTILITY ROOM		INTERRUPTING RATING		10,000		AMPS					
		VOLTAGE	PANEL TYPE	MAINS	LUGS								
C	1φ, 3W	BKR TYPE	BOLT ON	MOUNTING	SURFACE	BREAKER		70		AMPS			
						MCS		AMPS		BUS 100		AMPS	
DESIGNATION	LOAD (VA)		AWG	CCT #	BKR	A	B	BKR	CCT #	AWG	LOAD (VA)		DESIGNATION
	A	B									A	B	
EXTERIOR LIGHTING	72		12	1A	15A				15A	2A			WATER HEATER
EXTERIOR LIGHTING-KITCHEN	54		12	1B	15A				20A	2B	12	600	HAND DRYER-MALE WR.
INTERIOR LIGHTING		734	12	3A	15A				20A	4A	12	600	HAND DRYER-FEMALE WR.
RECEPTACLES-WASHROOMS,UTIL.		600	12	3B	15A				15A	4B			WATER HEATER
UNKNOWN				5A	15A				15A	6A			UNKNOWN
WATER PUMP				5B	20A				15A	6B			LIGHTING
UNKNOWN				7A	20A				15A	8A	12	120	RECEPTACLE-UTILITY RM.
UNKNOWN				7B	15A				15A	8B			FURNACE RM
KIOSK				9	40A				30A	10			SEWAGE PUMP
				11	2P				2P	12			
NOTES:				LOAD		WATTS		AMPS					
				PHASE A						BOLD TEXT INDICATES NEW			
				PHASE B						FADED TEXT INDICATES EXISTING			
				PHASE C									
				TOTAL						EXISTING MINI POWER CENTRE FED FROM 50A MAIN BREAKER			



1	RE-ISSUED FOR TENDER	FEB. 21 2018
0	ISSUED FOR TENDER	JAN. 31 2018

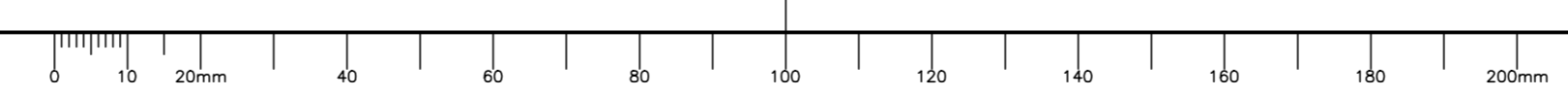
revisions date

project

Facility Rehabilitation
Kouchibouguac
National Park
Kouchibouguac,
New Brunswick

SERVICE BUILDING C
LEGENDS, FIXTURE
AND PANEL SCHEDULES

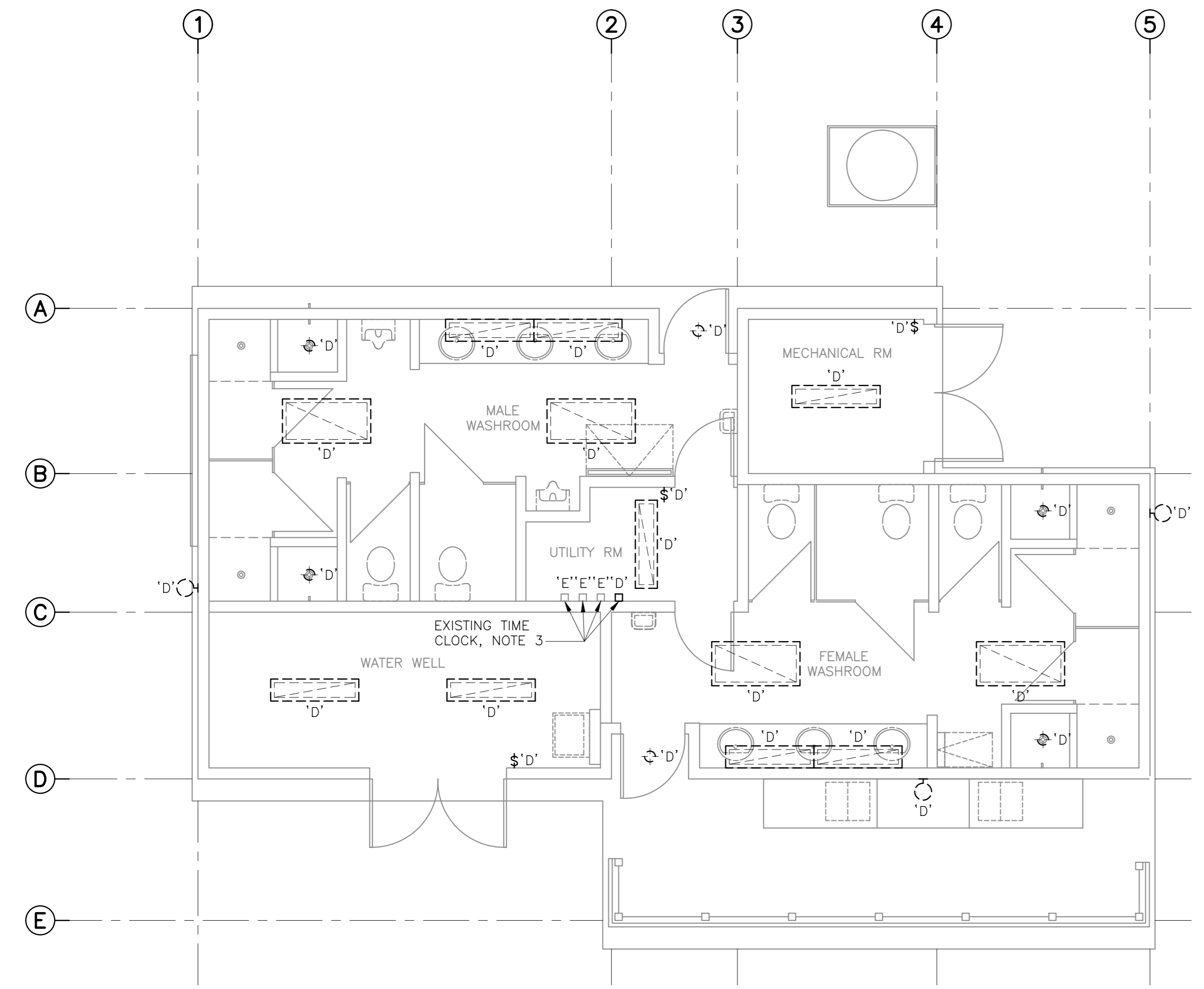
designed J.N./M.P.	conçu
date FEBRUARY 21, 2018	
drawn J.N./M.P.	dessiné
date FEBRUARY 21, 2018	
approved Z.H.	approuvé
date FEBRUARY 21, 2018	
Tender	Submission
PM/SC Project Manager	Administrateur de projets TFGSC
project number	no. du projet
drawing no.	no. du dessin



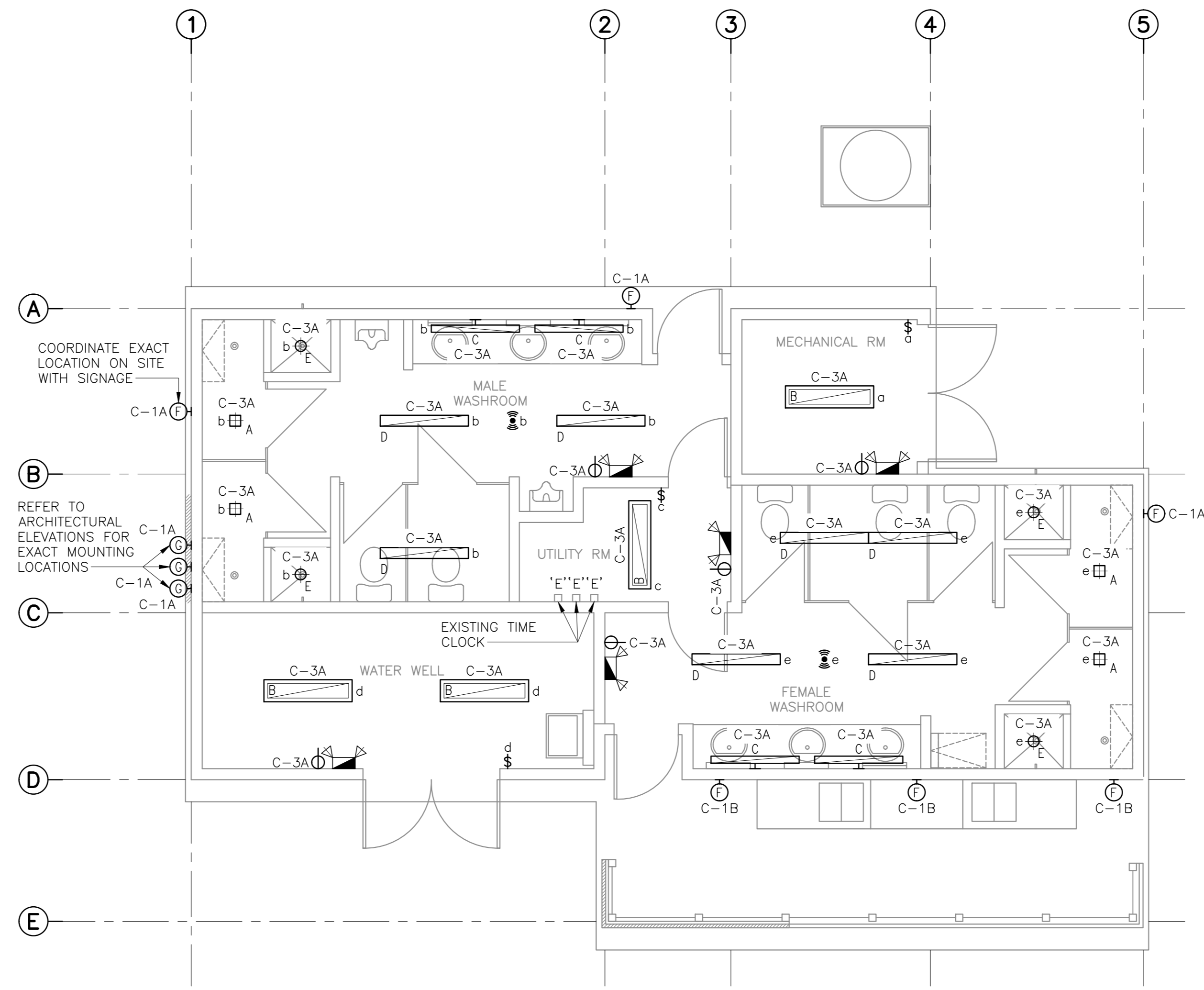
NOTES	
1	DEMOLITION DRAWINGS ARE BASED ON EXISTING AS-BUILT DRAWINGS AND INFORMATION COLLECTED ON SITE THROUGH VISUAL INSPECTIONS. NOT ALL EXISTING EQUIPMENT AND DEVICES MAY BE SHOWN AND LOCATIONS MAY VARY. CONFIRM EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK.
2	CONNECT RECEPTACLES FOR EMERGENCY LIGHTING BATTERY UNITS TO 120VAC UNSWITCHED CIRCUIT.
3	MAINTAIN EXISTING TIME CLOCK FOR FAN, EXTERIOR KITCHEN LIGHTING AND EXTERIOR LIGHTING. REMOVE TIME CLOCK CONTROLLING INTERIOR WASHROOM LIGHTING. INSTALL LAMICOID LABELS ON EXISTING TIME CLOCKS IDENTIFYING EQUIPMENT OR LIGHTING CONTROLLED.
4	PRIMARY FEED TO MINI POWER CENTER IS FED THROUGH THE SECONDARY SIDE OF THE TRANSFORMER. REMOVE PRIMARY POWER FEED AND FEED THROUGH PRIMARY SIDE OF TRANSFORMER. PROVIDE GAP WHERE WIRING WAS FED THROUGH SECONDARY SIDE OF TRANSFORMER.

EKISTICS PLANNING & DESIGN
 1 STARR LANE, DARTMOUTH
 PH: (902)461-2529 FAX: (902)465-3131

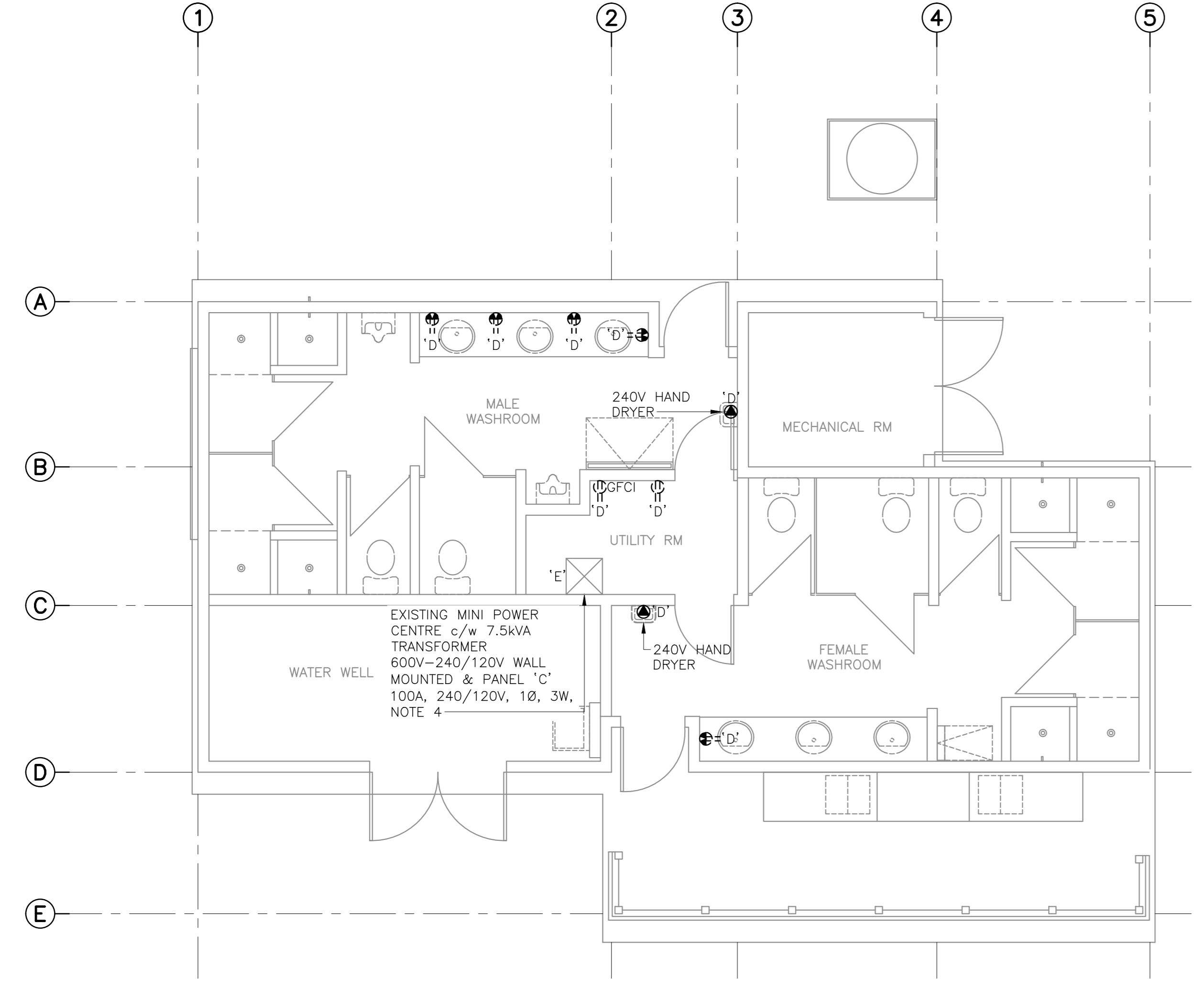
amec foster wheeler
 90 FRED AUSTIN BLVD. NS. B3B 2-1
 FID: N198460



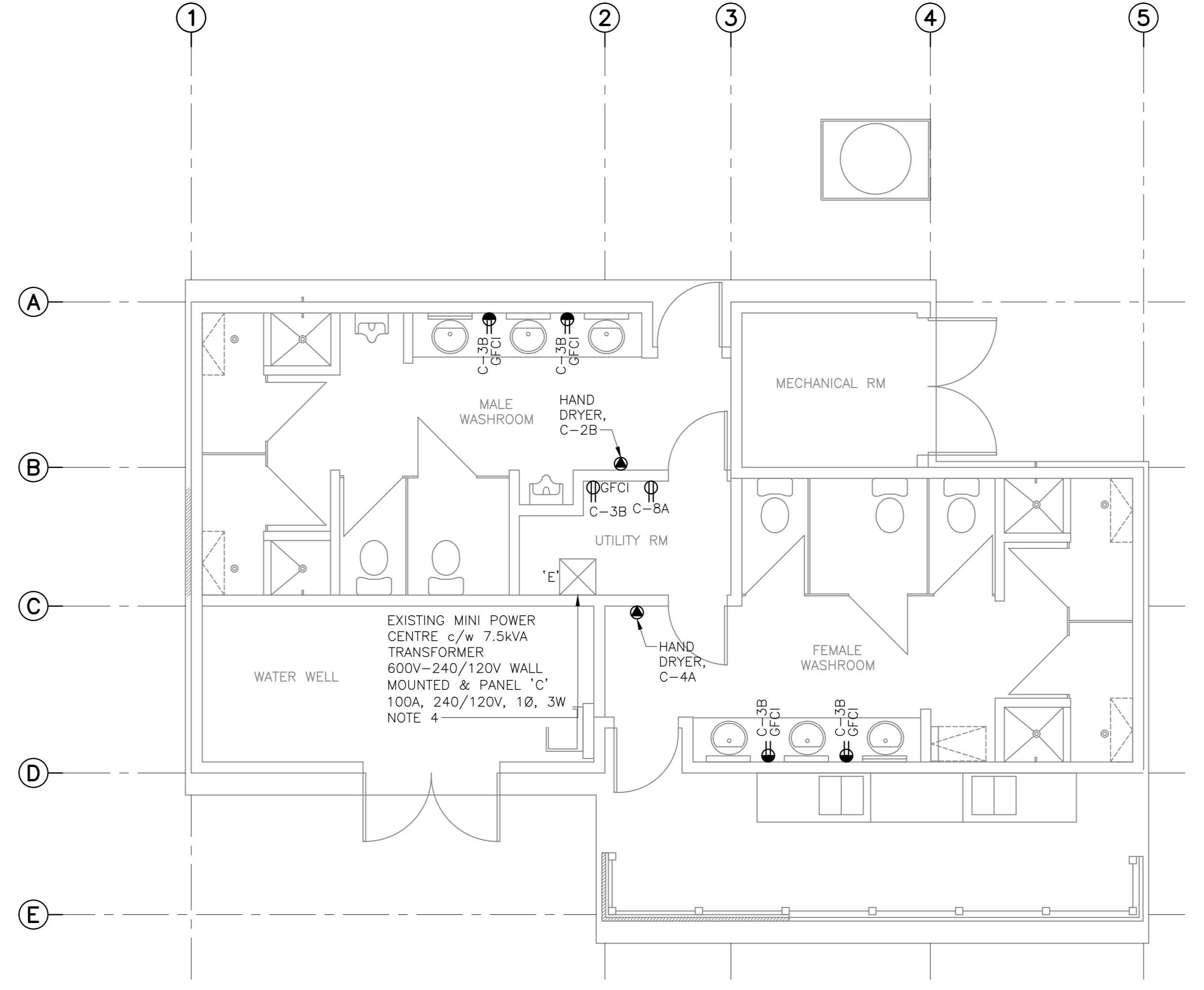
WASHROOM C - DEMOLITION LIGHTING PLAN
 SCALE: 1:50
 0m 1m 2m 3m 4m 5m



WASHROOM C - REVISED LIGHTING PLAN
 SCALE: 1:50
 0m 1m 2m 3m 4m 5m



WASHROOM C - DEMOLITION POWER PLAN
 SCALE: 1:50
 0m 1m 2m 3m 4m 5m



WASHROOM C - REVISED POWER PLAN
 SCALE: 1:50
 0m 1m 2m 3m 4m 5m



1	RE-ISSUED FOR TENDER	FEB. 21 2018
0	ISSUED FOR TENDER	JAN. 31 2018

Facility Rehabilitation
 Kouchibouguac
 National Park
 Kouchibouguac,
 New Brunswick

**SERVICE BUILDING C
 DEMOLITION, REVISED
 LIGHTING AND POWER
 PLANS**

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date	FEBRUARY 21, 2018	
drawn	J.N.	dessiné
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Tender		Soumission
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