



Parks  
Canada

Parcs  
Canada

KOUCHIBOUGUAC  
SERVICE BUILDING E  
ISSUED FOR TENDER  
KOUCHIBOUGUAC NATIONAL PARK  
NEW BRUNSWICK

PROJECT NO. 954 – PHASE 2

CIVIL

C-101 CIVIL SITE PLAN

LANDSCAPE ARCHITECTURE

L-101 LANDSCAPE LAYOUT PLAN  
L-102 LANDSCAPE DETAILS

STRUCTURAL

S-101 FOUNDATION AND SLAB-ON-GRADE PLAN  
S-102 CONCRETE SECTIONS & DETAILS  
S-103 ROOF FRAMING PLAN & NOTES  
S-104 TIMBER SECTIONS & DETAIL

ARCHITECTURAL

A-000 LOCATION PLAN  
A-101 NOTES & SCHEDULES  
A-102 FLOOR PLAN  
A-103 ENLARGED PLANS  
A-104 REFLECTED CEILING PLAN  
A-105 ROOF PLAN  
A-201 BUILDING ELEVATIONS  
A-202 BUILDING ELEVATIONS  
A-203 INTERIOR ELEVATIONS  
A-204 INTERIOR ELEVATIONS  
A-205 INTERIOR ELEVATIONS  
A-206 INTERIOR ELEVATIONS  
A-301 BUILDING SECTIONS  
A-302 BUILDING SECTIONS  
A-303 WALL SECTIONS  
A-304 WALL SECTIONS  
A-305 WALL SECTIONS  
A-306 WALL SECTIONS  
A-307 DOOR PANEL DETAILS  
A-308 WINDOW PANEL DETAILS  
A-309 DOOR CANOPY DETAILS  
A-310 DOOR CANOPY DETAILS  
A-501 SECTION DETAILS  
A-502 SECTION DETAILS  
A-503 PLAN DETAILS  
A-504 PLAN DETAILS  
A-601 MILLWORK  
A-602 MILLWORK  
A-603 MILLWORK  
A-701 SIGNAGE PLAN / SCHEDULE

MECHANICAL

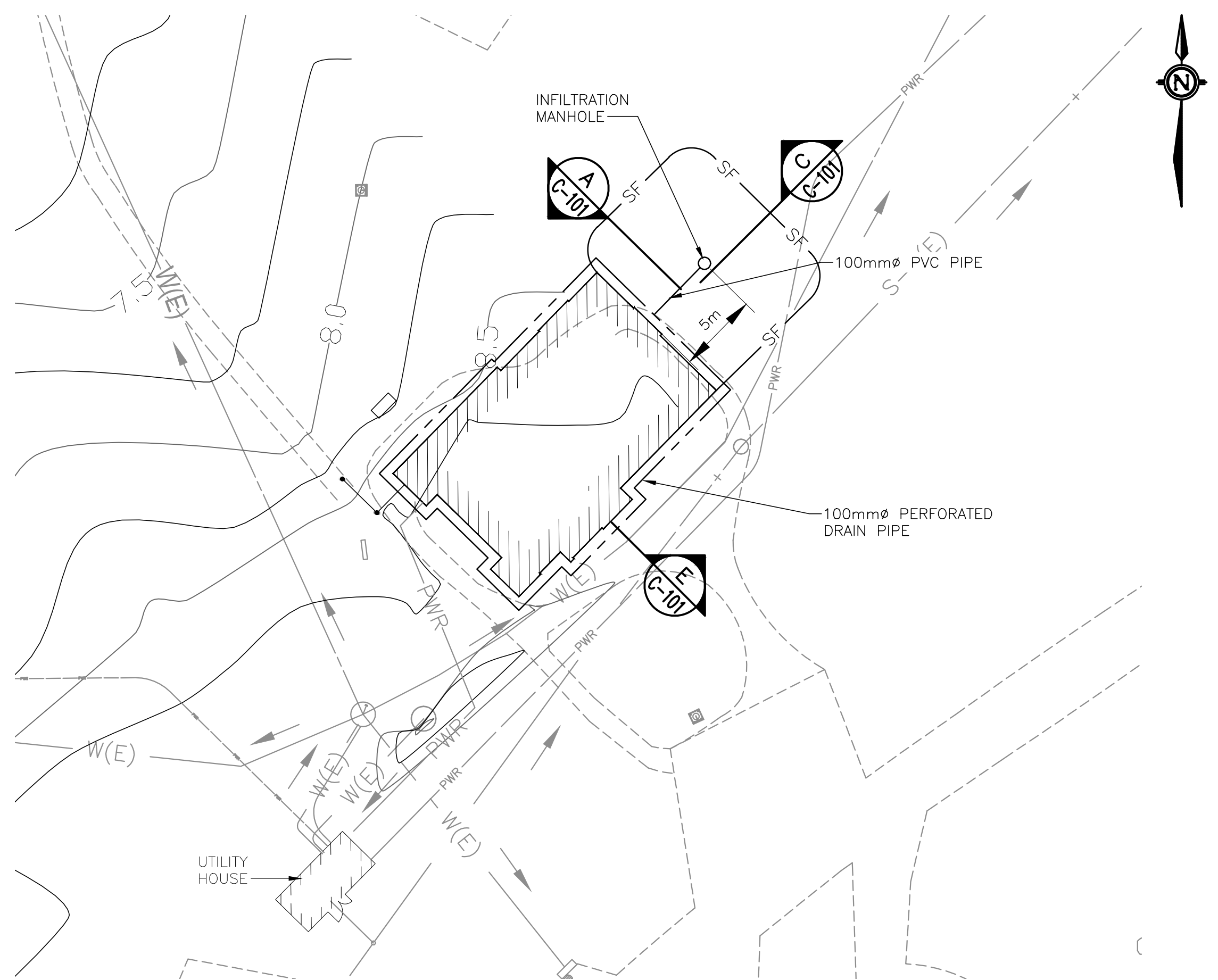
H-101 MECHANICAL SITE PLAN  
H-102 FLOOR PLAN SANITARY AND VENT PIPING  
H-103 FLOOR PLAN DOMESTIC WATER PIPING  
H-104 FLOOR PLAN HEATING AND VENTILATION

ELECTRICAL

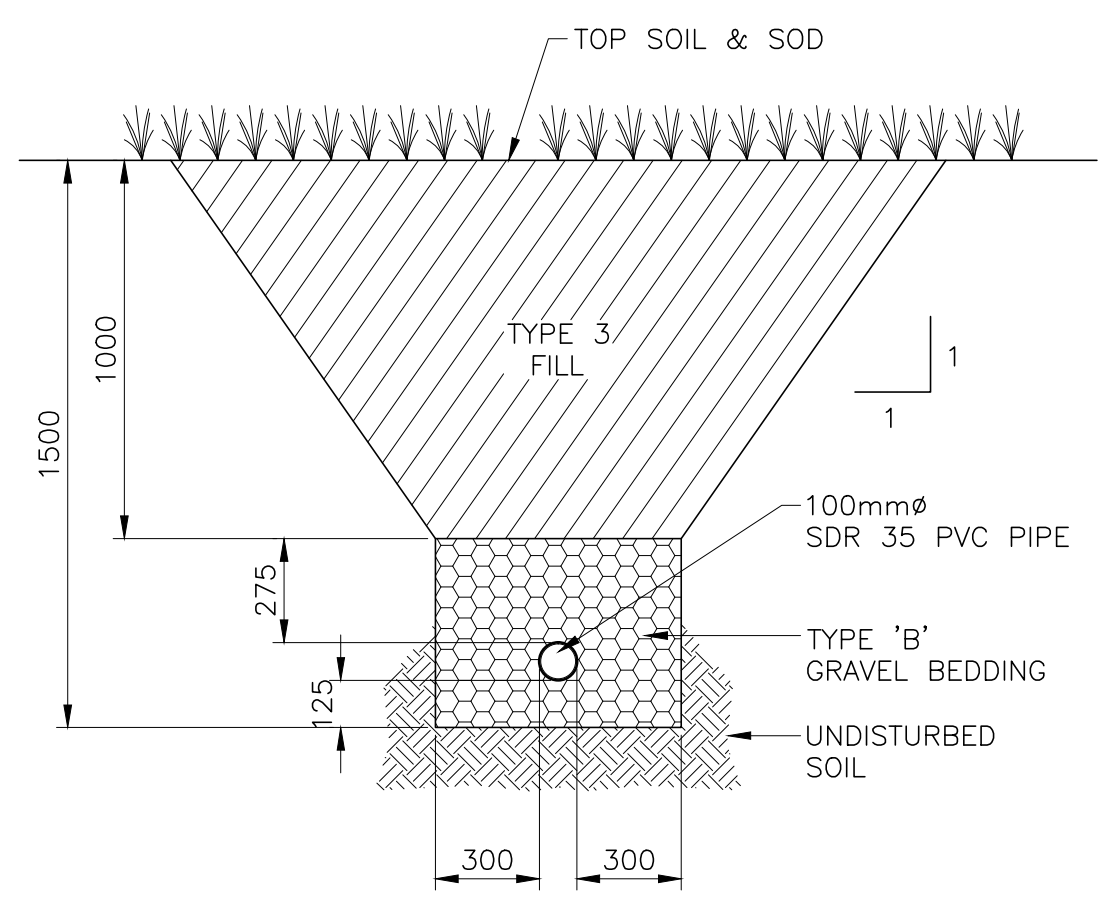
E-101 ELECTRICAL LEGENDS, SCHEDULES AND CONTROL DIAGRAMS  
E-102 ELECTRICAL SINGLE LINE DIAGRAM AND SITE PLAN  
E-103 ELECTRICAL LIGHTING PLAN  
E-104 ELECTRICAL POWER PLAN

**Canada**

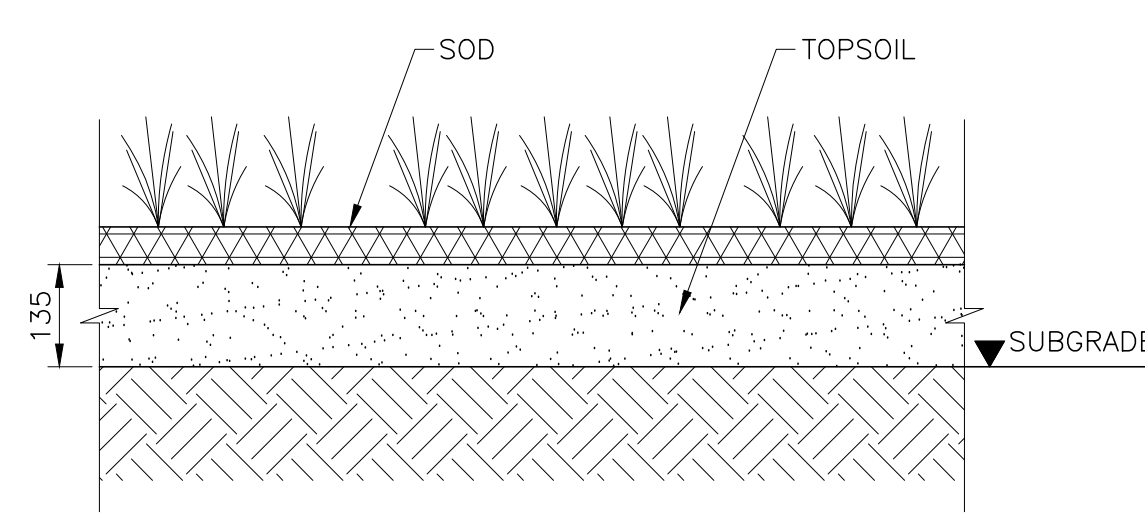




**1 CIVIL SITE PLAN**  
C-101  
SCALE : 1:250



**A TRENCH SECTION**  
C-101  
SCALE : 1:20



**B TOP SOIL & SOD SECTION**  
C-101  
SCALE : 1:10

- GENERAL NOTES:**
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS.
  - EXISTING UNDERGROUND OR SURFACE UTILITIES MAY NOT BE AS SHOWN. CONTRACTOR RESPONSIBLE FOR LOCATION AND PROTECTION OF UTILITIES PRIOR TO START OF CONSTRUCTION.
  - PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL DEVELOP AND SUBMIT FOR PARKS CANADA REPRESENTATIVE APPROVAL, A VEHICULAR AND PEDESTRIAN MOVEMENT PLAN FOR THE WORK SITE. ANY AMENDMENTS TO THE APPROVED PLAN WILL REQUIRE PRIOR APPROVAL BY THE PARKS CANADA REPRESENTATIVE. PROTECT UNDISTURBED AREAS OF SITE FROM VEHICULAR TRAFFIC.
  - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE REINSTATED TO PE-CONSTRUCTION CONDITION OR BETTER. COORDINATE WITH PARKS CANADA REPRESENTATIVE.
  - CONTRACTOR SHALL PRESERVE AND STOCKPILE ANY TOPSOIL FOR LATER RE-USE FOR RESTORATION OF TRENCHING.

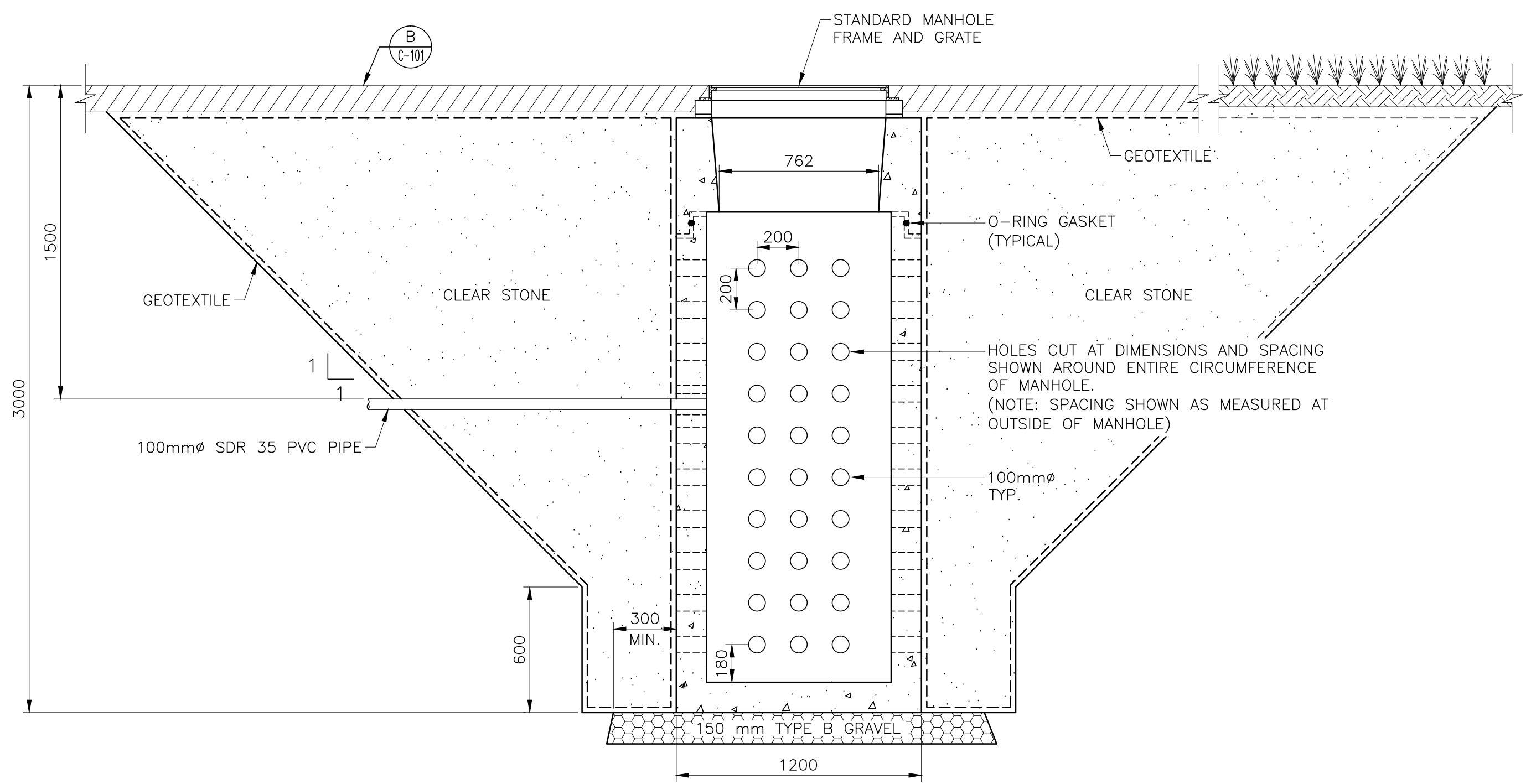
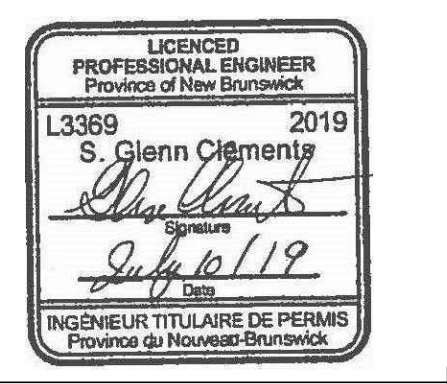
- EROSION AND SEDIMENT CONTROL NOTES:**
- THE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL (ESC) SHOWN ON THIS PLAN INDICATE RECOMMENDED MINIMUM MEASURES TO BE EMPLOYED. THE WORK METHOD AND EQUIPMENT ENGAGED TO COMPLETE THE WORK WILL REQUIRE ADDITIONAL MEASURES TO BE TAKEN. CONTRACTOR IS RESPONSIBLE TO DETERMINE WHAT ADDITIONAL MEASURES ARE REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND TO EXECUTE AND MAINTAIN THOSE MEASURES AS REQUIRED.
  - FOR A GENERAL SUMMARY OF APPROPRIATE SEDIMENT AND EROSION CONTROL MEASURES THE CONTRACTOR IS REFERRED TO THE NEW BRUNSWICK DEPARTMENT OF TRANSPORTATION ENVIRONMENTAL MANAGEMENT MANUAL.
  - THE CONTRACTOR SHALL MAINTAIN THE SITE AND ALL EROSION AND SEDIMENTATION CONTROL MEASURES UNTIL PROJECT COMPLETION, OR AS DIRECTED OTHERWISE BY THE PARKS CANADA REPRESENTATIVE.
  - CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS TO PERFORM WORKS AND COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
  - CONTRACTOR TO INSPECT SEDIMENT CONTROL STRUCTURES AND MAKE NECESSARY REPAIRS ON A MINIMUM WEEKLY BASIS AND BEFORE AND AFTER EACH RAINFALL EVENT.
  - CONTRACTOR TO INSTALL ADDITIONAL SILT FENCES ETC. AS REQUIRED BY SITE CONDITIONS TO PREVENT SEDIMENT FROM ENTERING WATER COURSES.
  - CONTRACTOR TO MAINTAIN A STOCKPILE OF APPROPRIATE EROSION AND SEDIMENTATION PROTECTION MATERIALS ON SITE AT ALL TIMES, INCLUDING:
    - SILT FENCE
    - BALES OF HAY OR STRAW
    - GRAVEL
  - CONTRACTOR TO STABILIZE ALL DISTURBED AREAS BY HYDRO-SEEDING AND/OR MULCHING ON AN ONGOING BASIS. FOR SLOPES STEEPER THAN 3H:1V, SURFACE ROUGHENING TECHNIQUES OR GRADIENT TERRACES SHALL BE UTILIZED.
  - CONTRACTOR TO REMOVE SILT ACCUMULATIONS AT SILT FENCES AND OTHER PROTECTION DEVICES BY CAREFUL HAND EXCAVATION. CONTRACTOR SHALL DISPOSE OF ACCUMULATED SILT BY REMOVING FROM SITE OR PLACING AND BURYING IT IN FILL AREAS.
  - CONTRACTOR SHALL NOT PUMP OR DRAIN WATER CONTAINING SUSPENDED MATERIALS INTO WATERWAYS, DRAINAGE DITCHES OR STORM SEWERS.
  - CONTRACTOR TO COVER SOIL STOCKPILES WITH PLASTIC SHEETS OR APPROVED EQUAL WHEN DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
  - CONTRACTOR SHALL, PRIOR TO CARRYING OUT WORK, CHECK THE LONG RANGE WEATHER FORECAST TO ENSURE THAT THERE IS ADEQUATE TIME BEFORE FORECAST OF HEAVY RAIN STORMS TO STABILIZE WORK.
  - CONTRACTOR SHALL NOT PERMIT DISCOLORED WATER TO ENTER WATER COURSES. CONTRACTOR TO INSPECT SEDIMENT AND EROSION CONTROL MEASURES ON A REGULAR BASIS AND MAINTAIN AS NECESSARY.
  - CONTRACTOR SHALL HAVE PERSONNEL ON CALL TO PROVIDE EMERGENCY REPAIRS TO SEDIMENT AND EROSION CONTROL MEASURES AT ALL TIMES.
  - CONTRACTOR TO PROVIDE DUST CONTROL DURING PERIODS OF DRY WEATHER AS REQUESTED BY THE PARKS CANADA REPRESENTATIVE. MEASURES INCLUDE:
    - KEEP DUSTY AREAS MOIST WITH THE AID OF A WATER TRUCK OR HOSE.
    - STABILIZE DUSTY AREAS MOIST WITH THE AID OF A WATER TRUCK OR HOSE.
    - COVER STOCKPILED MATERIAL, WHICH MAY BECOME DUSTY WHEN DRY.
    - HYDRO-SEED ALL LANDSCAPED AREAS AS SOON AS POSSIBLE.
  - CONTRACTOR TO ENSURE VEHICLES AND EQUIPMENT ARE FREE OF EXTERNAL GREASE, OIL, MUD OR FUEL LEAKS.
  - CONTRACTOR SHALL HAVE AN EMERGENCY SPILL RESPONSE KIT FOR HAZARDOUS MATERIALS, FUELS AND HYDROCARBONS AVAILABLE AT THE SITE AND PROVISIONS FOR SPILL PREVENTION SHOULD BE ENSURED.
  - CONTRACTOR SHALL REPORT ANY SPILLS TO PARKS CANADA REPRESENTATIVE IMMEDIATELY AFTER THEY OCCUR.
  - SEDIMENT CONTROL FENCE SHALL BE IN ACCORDANCE WITH NEW BRUNSWICK DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE STANDARD SPECIFICATIONS ITEM 602 SEDIMENT CONTROL FENCE AND ITEM 699 STANDARD DRAWING 602-1 SEDIMENT CONTROL FENCE.

**EKISTICS PLANNING & DESIGN**  
 1 STARR LANE, DARTMOUTH  
 PH: (902)461-2525 FAX: (902)465-3131

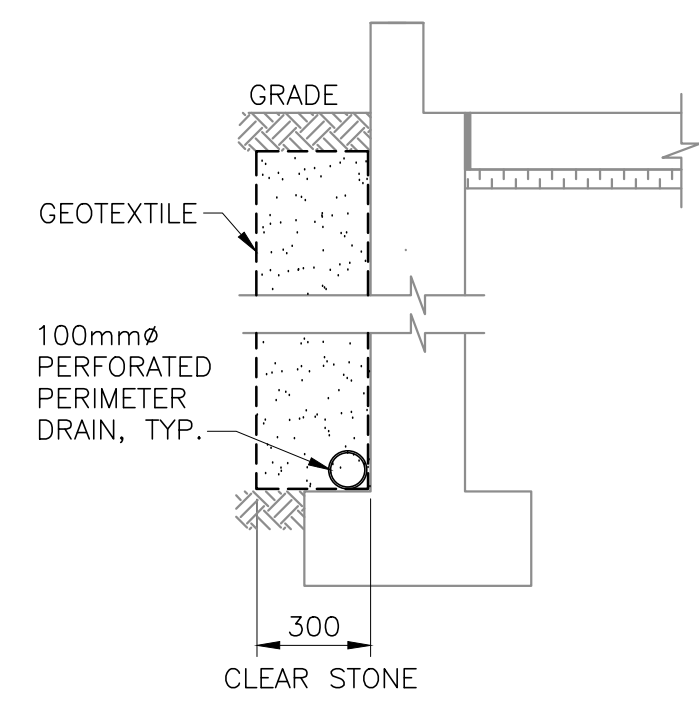
Wood Environment & Infrastructure Solutions  
 Wood Architectural Services Ltd.  
 a Division of Wood Canada Limited  
 50 Troop Avenue, Suite 300  
 Dartmouth, Nova Scotia

THIS SITE PLAN IS BASED ON CLIENT SUPPLIED INFORMATION AND MAY NOT BE ACCURATE. CONTRACTOR TO REVIEW WITH PARKS CANADA PRIOR TO COMMENCING WORK.

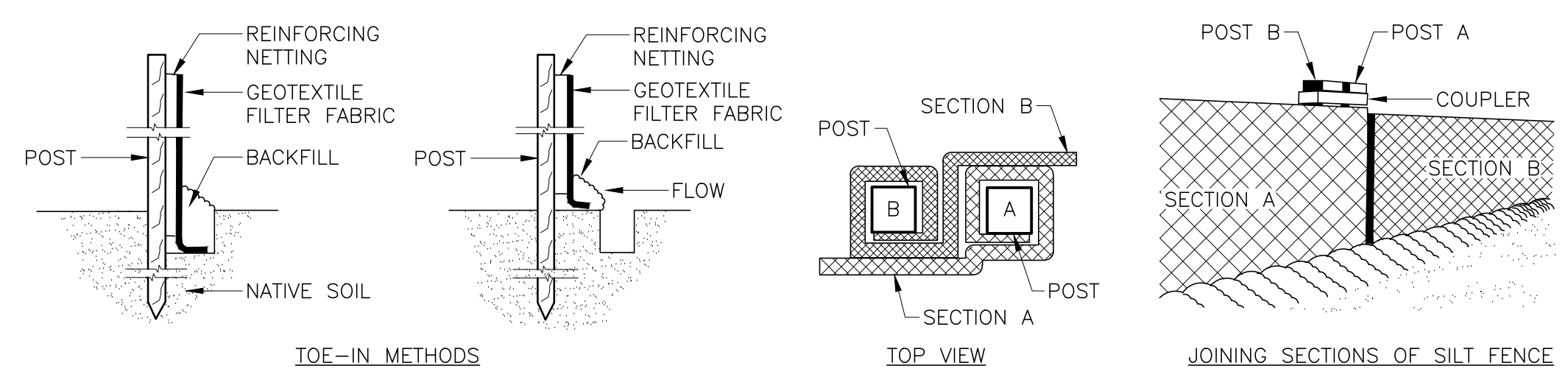
- LEGEND :**
- DRAINAGE PIPE
  - - - SF SILT FENCE
  - - - ROAD
  - - - 8,0 CONTOUR
  - - - PWR HIGH VOLTAGE DISTRIBUTION
  - - - W(E) DOMESTIC COLD WATER



**C INFILTRATION MANHOLE SECTION**  
C-101  
SCALE : 1:20



**E SECTION**  
C-101  
N.T.S.



**D SILT FENCE DETAIL**  
C-101  
N.T.S.

- SILT FENCE INSTALLATION:**
- EXCAVATE A 150mm x 150mm TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
  - UNROLL GEOTEXTILE FILTER FABRIC ONE SECTION AT A TIME AND POSITION POSTS AGAINST THE DOWNSTREAM WALL OF THE TRENCH. REINFORCEMENT NETTING MUST BE ON THE DOWNSTREAM SIDE OF FLOW DIRECTION.
  - DRIVE POST INTO GROUND UNTIL THE NETTING IS APPROXIMATELY 50mm FROM THE TRENCH BOTTOM. LAY THE TOE-IN FLAP OF THE FABRIC IN THE BOTTOM OF THE TRENCH, BACKFILL THE TRENCH, AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON GROUND AND PILING AND TAMPING SOIL OVER THE FLAP AT THE BASE OF THE STRUCTURE.
  - JOINT SILT FENCE SECTIONS AS SHOWN ABOVE.

**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

**CIVIL SITE PLAN**

designed T.W.	conçu
date JULY 10, 2019	
drawn S.L.	dessiné
date JULY 10, 2019	
approved G.C.	approuvé
date JULY 10, 2019	
Tender	Soumission
PWGSC Project Manager Administrateur de projets TPSGC	
project number	no. du projet
<b>954</b>	
drawing no.	no. du dessin
<b>C-101</b>	



**GENERAL NOTES:**

- CONTRACTOR RESPONSIBLE FOR SITE SURVEY AND SHALL VERIFY LOCATION OF EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY ALL DRAWINGS, DIMENSIONS, AND SPECIFICATIONS, AND REPORT ANY DISCREPANCIES TO THE CONSULTANT IN WRITING.
- EXTENT OF WORK SHOWN IS TO CONVEY INTENT ONLY. EXTENT OF CONSTRUCTION IS TO BE VERIFIED ONSITE PRIOR TO CONSTRUCTION. IN CASE OF AMBIGUITY OR LACK OF INFORMATION THE CONTRACTOR SHALL SEEK IMMEDIATE CLARIFICATION WITH THE CONSULTANT. ANY CHANGE THROUGH THE DISREGARDING OF THIS NOTICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATES. CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- CONTRACTOR IS TO INSTALL AND MAINTAIN MODU-LOC SECURITY PERIMETER FENCING, OR APPROVED EQUIVALENT, THROUGHOUT THE CONSTRUCTION PERIOD.
- CONTRACTOR TO MAKE GOOD TO OWNER / OWNER'S REPRESENTATIVE'S APPROVAL ALL DAMAGES THAT OCCUR DURING CONSTRUCTION.
- CONTRACTOR TO PROVIDE A WRITTEN WARRANTY FOR ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF TWO YEARS FROM THE DATE OF FINAL PROJECT ACCEPTANCE. MATERIAL FOUND DEFECTIVE, BROKEN, DEAD OR IN DISTRESS AT THAT TIME WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. MATERIAL REPLACED UNDER THIS CLAUSE WILL RECEIVE THE SAME WARRANTY AS ORIGINAL MATERIAL.
- NO PARKING OF VEHICLES OR STORAGE OF MATERIALS ON LANDSCAPED AREAS.

- CONTRACTOR TO REMOVE AND DISPOSE OF OFFSITE AT NO ADDITIONAL COST TO THE CONTRACT ALL ASPHALT, CONCRETE, SODDING, FENCING, GATES, SIGNAGE, EXISTING PLAY EQUIPMENT, AND FILL AS REQUIRED TO FACILITATE THE IMPLEMENTATION OF CHANGES AS PER PLANS AND SPECIFICATIONS. ALL OTHER ITEMS THAT REQUIRE REMOVAL AND DISPOSAL OFFSITE FOR IMPLEMENTATION OF THE CONTRACT SHALL BE COMPLETED AT THE COST OF THE CONTRACTOR. ANY ITEMS IDENTIFIED BY THE OWNER FOR SALVAGE SHALL BE STORED AT A LOCATION ON SITE IDENTIFIED BY THE OWNER.
- CONTRACTOR IS TO MAINTAIN ACCESS TO SITE AT ALL TIMES, REMOVE ALL DEBRIS DAILY, AND IS TO LEAVE SITE IN A CLEAN CONDITION AT THE CONCLUSION OF THE PROJECT.
- ALL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE MOST CURRENT LOCAL MUNICIPALITY SPECIFICATION STANDARDS, TOGETHER WITH THE CANADIAN BUILDING CODE AND PROVINCIAL BUILDING CODE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFE AND PROPER PEDESTRIAN AND TRAFFIC CONTROL IN AND AROUND THE WORK SITE DURING THE PROGRESS OF WORKS.
- THE CONTRACTOR SHALL SUBMIT TO OWNER / OWNER'S REPRESENTATIVE A SITE PREPARATION PLAN THAT INCLUDES EROSION & SEDIMENT CONTROLS. ALL IN CONFORMANCE WITH APPLICABLE PARKS CANADA REGULATIONS AND GUIDELINES. THE PLAN SHALL INCLUDE BOTH SHORT-TERM MEASURES APPLICABLE DURING CONSTRUCTION AND LONG-TERM MEASURES AFTER COMPLETION OF DEVELOPMENT. THE PLAN SHALL INCLUDE THE FOLLOWING:
  - LOCATION OF ALL EXISTING SITE FEATURES TO BE PROTECTED & METHOD OF PROTECTION;
  - SEDIMENT TRAPS;
  - COVERING OR SEEDING OF TOPSOIL OR OTHER SOIL STOCKPILES;
  - ISOLATED STRIPPING OF LAND BEING DEVELOPED;
  - FILTER BAGS IN CATCH BASINS.

- CONTRACTOR SHALL COLLECT, STORE & PROTECT ALL EXCAVATED TOPSOIL & BOULDERS ON SITE FOR REUSE WITHIN AREAS OF SITE TO BE LANDSCAPED. CONTRACTOR TO CONSULT WITH OWNER / OWNER'S REPRESENTATIVE FOR PLACEMENT OF BOULDERS AS LANDSCAPE FEATURES.
- CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEY LAYOUT. ANY DAMAGE TO AREAS OUTSIDE THE LIMIT OF CONTRACT, DUE TO ACTIVITIES OF THE CONTRACTOR MUST BE RECTIFIED BY THE CONTRACTOR AT HIS EXPENSE.
- CONTRACTOR RESPONSIBLE FOR ALL GEOTECHNICAL TESTING. RESULTS TO BE SUBMITTED TO LANDSCAPE ARCHITECT.
- SITE FURNISHINGS AS SPECIFIED UNLESS SUBSTITUTIONS ARE APPROVED IN WRITING BY THE OWNER / OWNER'S REPRESENTATIVE.
- TREE PROTECTION TO BE INSPECTED AND APPROVED BY PARKS CANADA.
- CONTRACTOR RESPONSIBLE FOR GEOTECHNICAL INVESTIGATION. FINDINGS TO BE REPORTED TO AND REVIEWED BY PARKS CANADA. DRIVEWAY DETAIL IS CONTINGENT UPON RESULTS OF GEOTECHNICAL INVESTIGATIONS AND RECOMMENDATIONS.

**GRADING NOTES:**

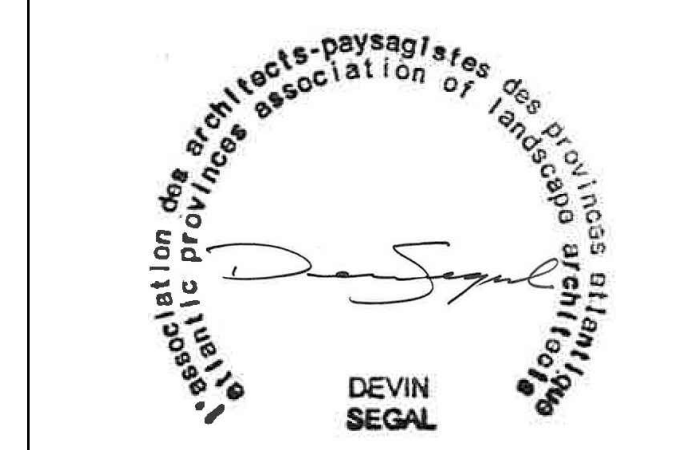
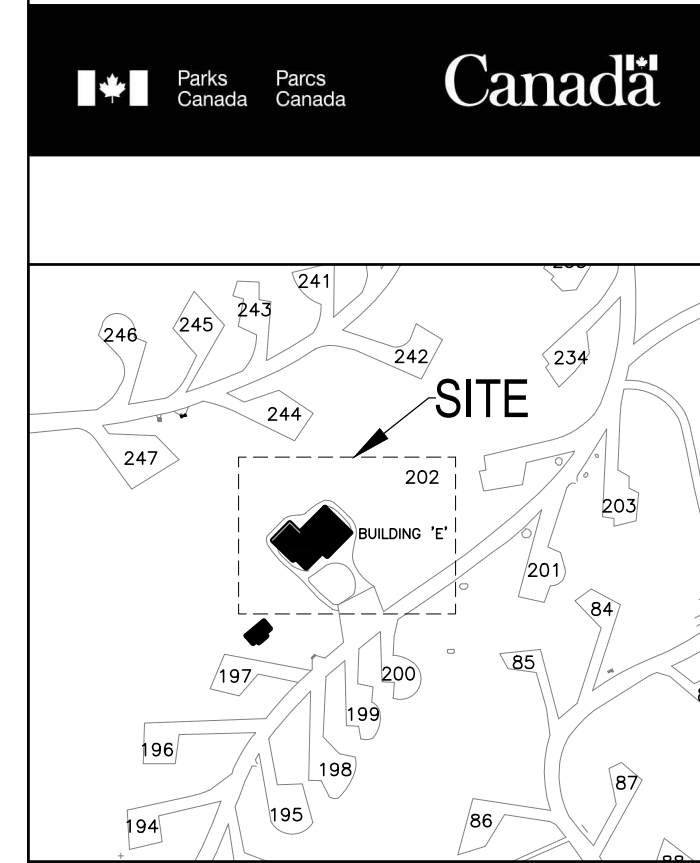
- SITE GRADING SHALL ENSURE POSITIVE DRAINAGE (1-2% SOPE) AWAY FROM BUILDING.
- CONTRACTOR TO VERIFY SLOPE OF CRUSHER WALKWAYS AND DRIVEWAY AREAS ON SITE. ALL WALKWAYS AND DRIVEWAYS TO HAVE A CROSS SLOPE OF 1-2% TO ENSURE POSITIVE DRAINAGE.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE OF ALL AREAS WITHIN THE LIMIT OF CONTRACT.
- CONTRACTOR SHALL ENSURE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED SURFACES BY MATCHING BOTH ELEVATION AND SLOPE OF EXISTING SURFACE.
- PROPOSED ELEVATIONS ALONG LIMIT OF CONTRACT MUST MATCH EXISTING ELEVATIONS.

**LAYOUT NOTES:**

- LAYOUT TO BE STAKED BY CONTRACTOR FOR APPROVAL OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR TO VERIFY PROPERTY LINES AND KNOWN SURVEY MONUMENT LOCATIONS PRIOR TO COMMENCEMENT OF LAYOUT.

**HYDROSEED NOTES:**

- REFER TO SPECIFICATIONS FOR HYDROSEED MIX. HYDROSEED MIX TO BE APPROVED BY PARKS CANADA.

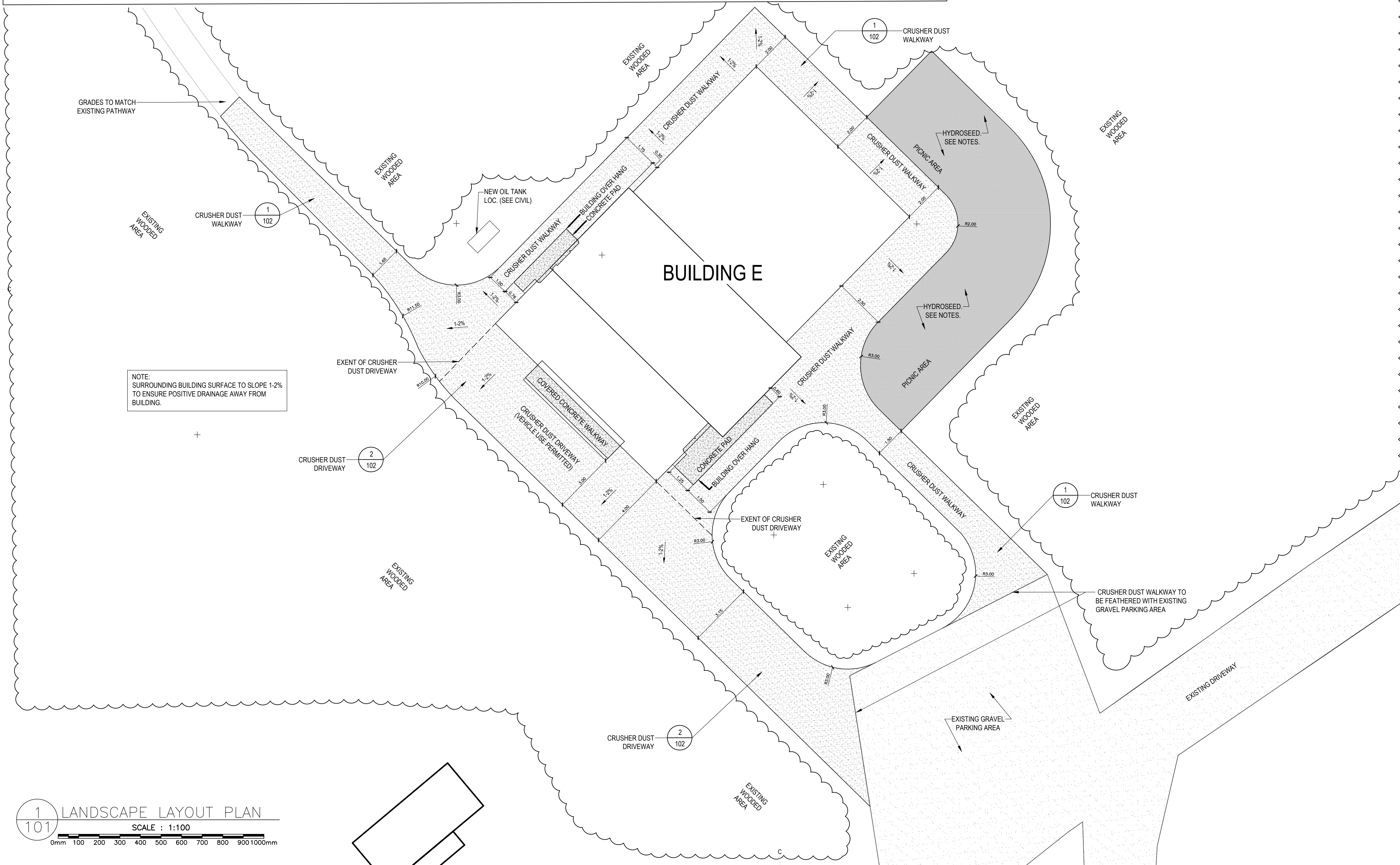


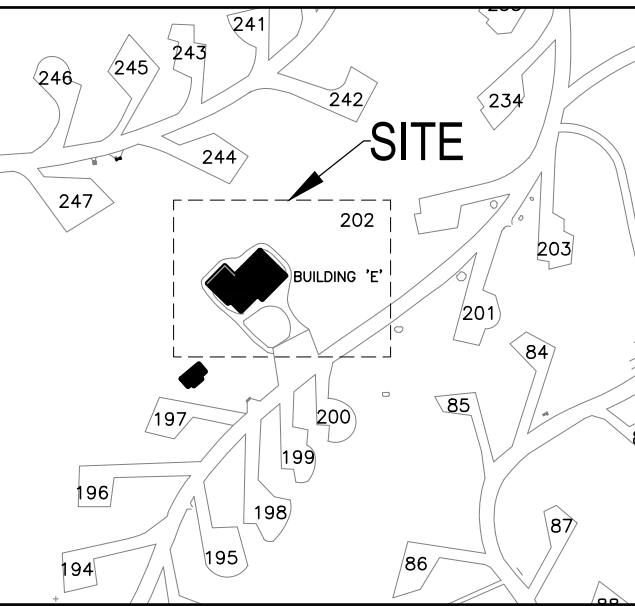
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**LANDSCAPE LAYOUT PLAN**

designed	SM/ JM	conçu
date	07/11/2019	
drawn	SM/ JM	dessiné
date	07/11/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	L-101	no. du dessin





0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2**

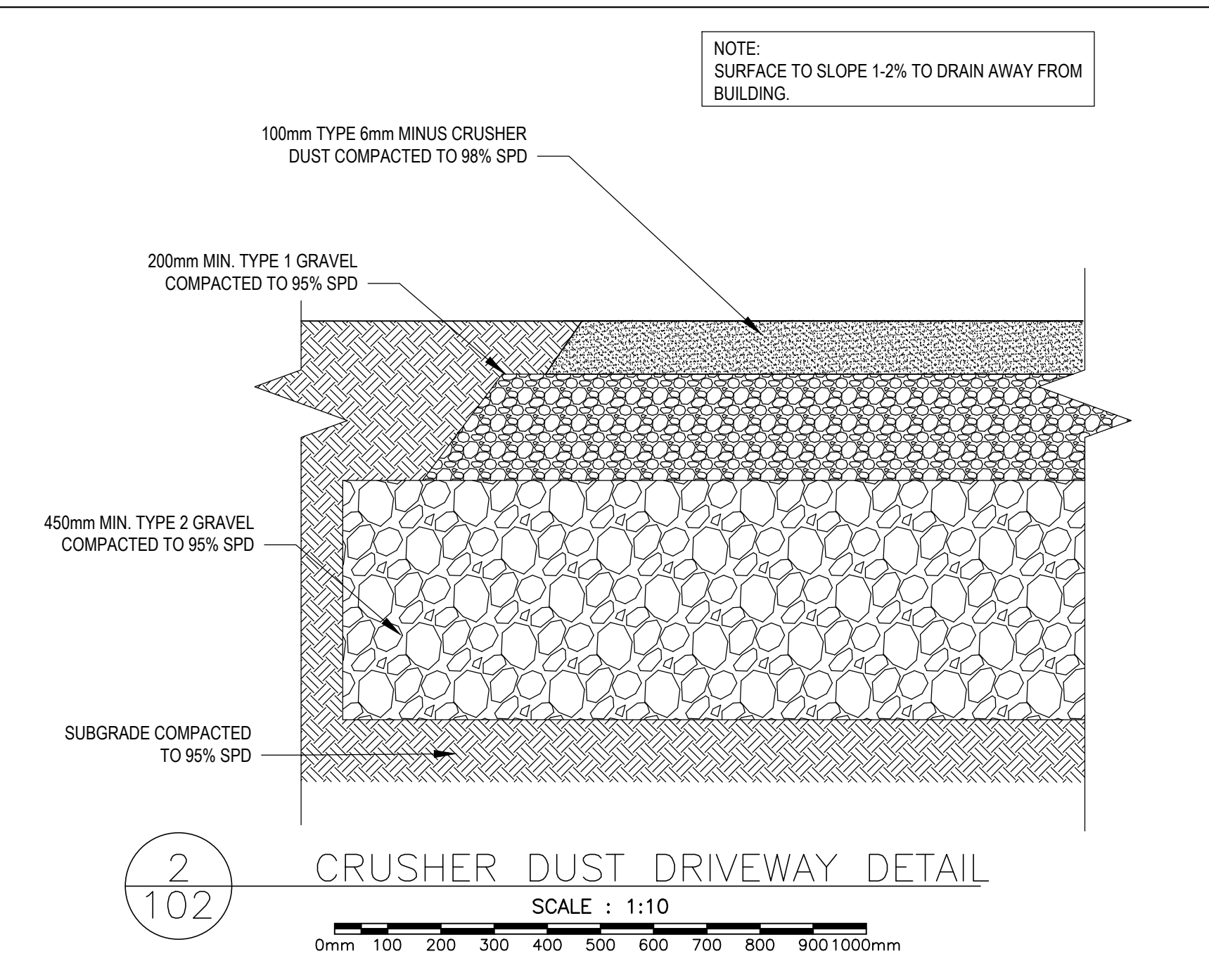
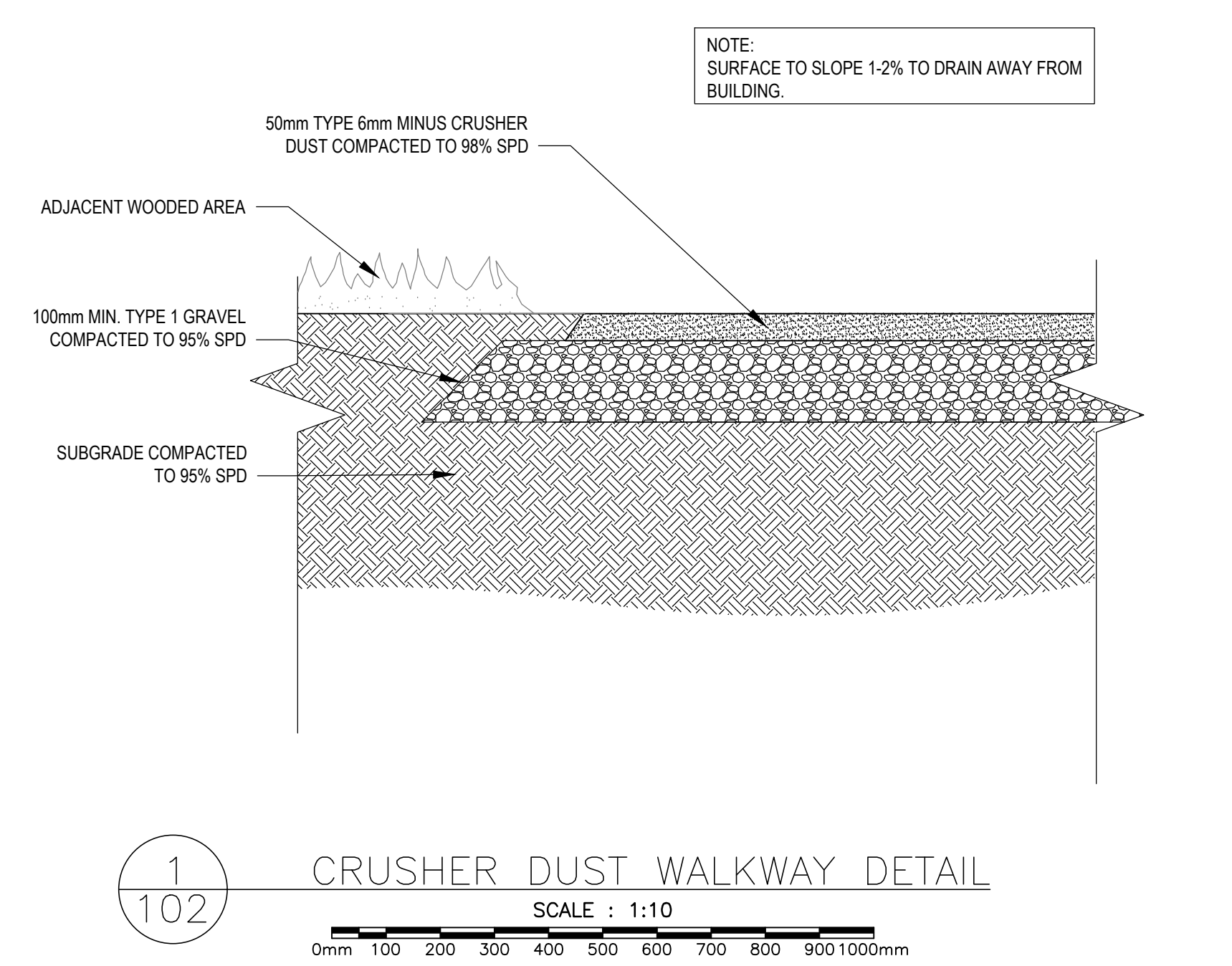
drawing / dessin  
**LANDSCAPE DETAILS**

designed SM/ JM / conçu  
 date 07/11/2019  
 drawn SM/ JM / dessiné  
 date 07/11/2019

approved / approuvé  
 date  
 Tender / Soumission  
 JOHN O'NEIL / Project Manager / Administrateur de projets

project number / no. du projet  
**954**

drawing no. / no. du dessin  
**L-102**





**LEGEND:**

C.J.	CONSTRUCTION JOINT
E.F.	EACH FACE
ELEV.	ELEVATION
E.W.	EACH WAY
F.D.	FLOOR DRAIN
I.J.	ISOLATED JOINT
S.C.	SAW CUT
T.O.C.	TOP OF CONCRETE
U.N.O.	UNLESS NOTED OTHERWISE



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project		project

**KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2**

**FOUNDATION AND  
 SLAB-ON-GRADE PLAN**

designed J. F.	conçu
date JULY 10, 2019	
drawn L. P.	dessiné
date JULY 10, 2019	
approved H.K.	approuvé
date JULY 10, 2019	
Tender	Soumission

PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

**954**

drawing no. no. du dessin

**S-101**

**STRUCTURAL NOTES**

**A. GENERAL:**

- DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS ARE IN MILLIMETERS.
- STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
- ALL DIMENSIONS, ELEVATIONS AND DETAILS SHALL BE CHECKED AGAINST THE ARCHITECTURAL DRAWINGS AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT WITH THE WORK.
- STRUCTURAL DRAWINGS MUST NOT BE SCALED.
- ENGINEER'S APPROVAL SHALL BE OBTAINED PRIOR TO INSTALLATION OF ANY OPENINGS, SLEEVES, TRENCHES, ETC., WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- THE CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS DURING THE CONSTRUCTION FOR TEMPORARY BRACING OF FLOORS, WALLS, ROOF, TRUSSES, JOISTS, DECKS, ETC., TO KEEP THE STRUCTURE SAFE AND IN TRUE ALIGNMENT UNTIL THE COMPLETION OF THE WORK.
- SEISMIC FORCE RESISTING SYSTEMS ARE NAILED SHEAR WALLS WITH WOOD BASED PANELS. DUCTILITY-RELATED FORCE MODIFICATION FACTOR  $R_d=3.0$ , OVERSTRENGTH-RELATED FORCE MODIFICATION FACTOR  $R_o=1.7$ , EARTHQUAKE IMPORTANCE FACTOR OF THE STRUCTURE  $I_e=1.0$ .
- THE CARRYING OUT OF ANY WORK PRIOR TO THE REVIEW AND ACCEPTANCE OF DETAILED SHOP DRAWINGS BY THE ENGINEER IS AT THE CONTRACTOR'S OWN RISK.

**B. SOIL & FOUNDATIONS (INCLUDING SLABS ON GRADE):**

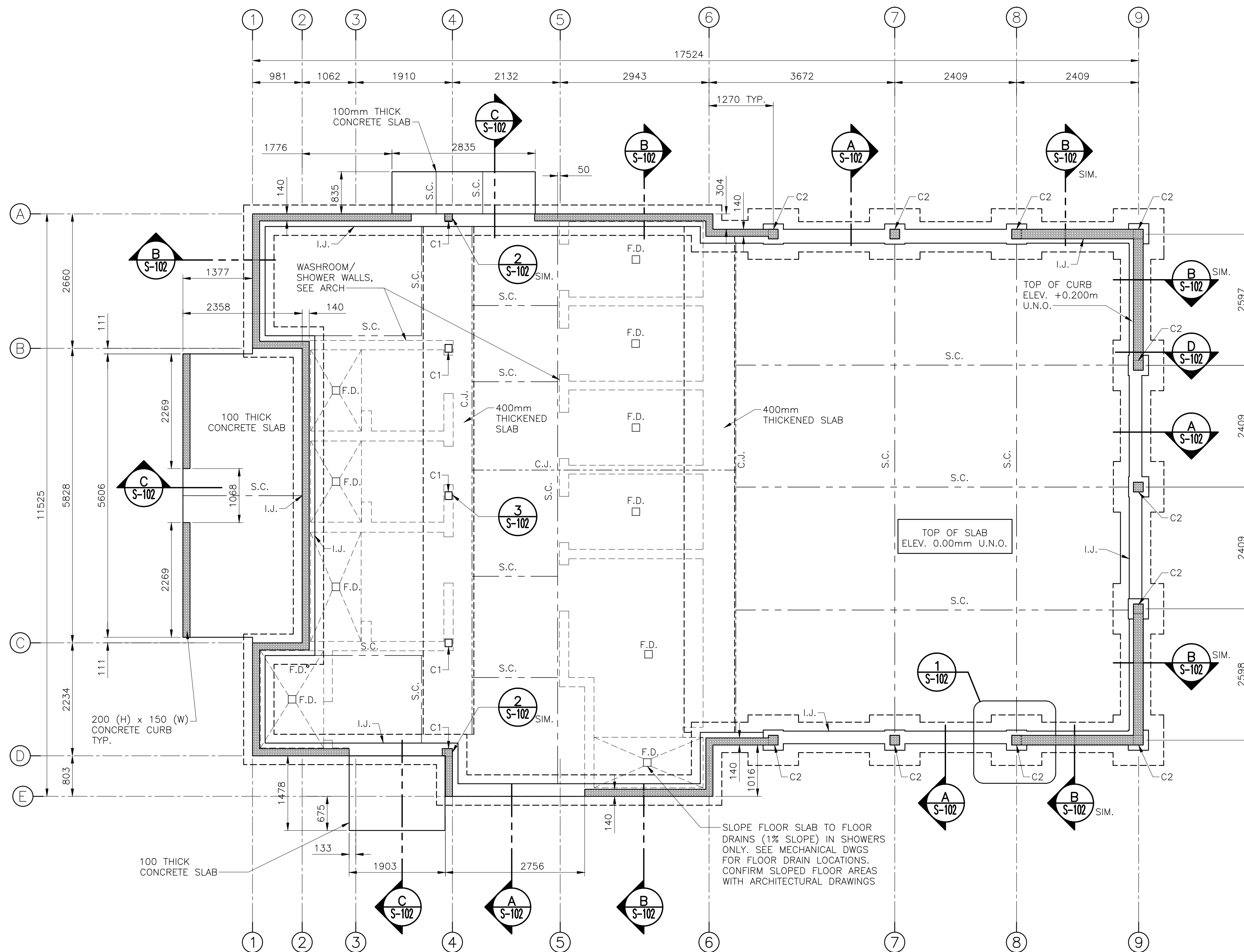
- FOUNDATIONS SHALL BE PLACED ON COMPETENT SOIL CAPABLE WITH SAFE BEARING CAPACITY OF 150kPa.
- REMOVE ALL SOIL MATERIAL UNDER SLAB AND REPLACE WITH GRANULAR STRUCTURAL FILL AND COMPACTED TO 98 PERCENT STANDARD PROCTOR.
- BEARING SURFACES UNDER FOUNDATION AND SLAB ON GRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO PLACING FOUNDATIONS AND SLAB ON GRADE.

**C. CONCRETE & REINFORCING STEEL:**

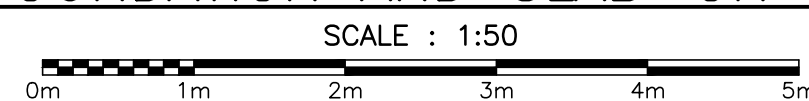
- CONCRETE:
  - EXTERIOR SLABS.....EXPOSURE CLASS C1, 35MPa
  - INTERIOR SLABS.....EXPOSURE CLASS N, 30MPa
  - FOUNDATION.....EXPOSURE CLASS N, 30MPa
- ENGINEER'S APPROVAL MUST BE OBTAINED FOR LOCATION AND SIZES OF OPENINGS OR SLEEVES NOT SHOWN ON STRUCTURAL DRAWINGS.
- CONSTRUCTION JOINTS AND SAW CUT JOINTS NOT SHOWN ON THE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
- CONCRETE COVER FOR REINFORCING:
  - A) ALL CONCRETE DEPOSITED AGAINST EARTH.....75mm
  - B) WHERE CONCRETE SURFACE, AFTER REMOVAL OF FORMS, ARE TO BE EXPOSED TO THE WEATHER OR IN CONTACT WITH GROUND:
    - B1) 10M AND 15M BARS.....40mm
    - B2) 20M BARS OR LARGER.....50mm
  - C) CONCRETE NOT EXPOSED TO WEATHER OR GROUND:
    - C1) SLABS AND WALLS.....20mm
    - C2) EXTERIOR SLAB.....60mm
- THE REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE DEFORMED BARS CONFORMING TO CSA STANDARD G.30.18 WITH A MINIMUM YIELD STRENGTH OF  $F_y = 400$  MPa.
- REINFORCING STEEL MUST BE DETAILED, BENT, PLACED AND SUPPORTED TO CONFORM TO THE CSA STANDARD A23, AND "REINFORCING STEEL MANUAL OF STANDARD PRACTICE (RSIC/IAAC)".
- ALL SPLICES TO BE CLASS B SPLICES.
- PROVIDE CORNER BARS AT INTERSECTION OF WALLS, BEAMS, FLOOR, CURB, ETC. BAR SIZE TO MATCH MAIN STEEL.
- SUBMIT REINFORCING STEEL SHOP DRAWINGS STAMPED FOR APPROVAL PRIOR TO FABRICATION.
- STRUCTURAL CONCRETE MATERIALS, AND WORKMANSHIP TO CONFORM TO CAN/CSA A23.1 AND A23.2.
- CONCRETE TO BE PLACED IN THE DRY.

**D. TIMBER**

- FOR TIMBER NOTES, SEE DRAWINGS S-103 AND S-104



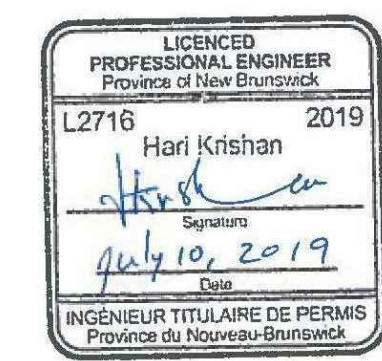
**1 FOUNDATION AND SLAB-ON-GRADE PLAN**





**NOTES:**

- FOR GENERAL NOTES, SEE DWG S-101.
- TYPICAL SLAB CONSTRUCTION:
  - CONCRETE FLOOR (150mm)
  - VAPOUR BARRIER (SEE ARCH.)
  - RIGID R10 INSULATION (50mm)
  - 19mm CLEARSTONE GRAVEL (300mm)
  - UNDISTURBED SOIL
- AFTER PLACEMENT OF CONCRETE FLOOR, SAW CUT ALONG THE CONSTRUCTION JOINTS AND FILL WITH SEALANT, SAME AS SAW CUT DETAIL.
- CUT 8mm SLOT IN TIMBER COLUMNS FOR 6mm THICK CONNECTION PLATE.

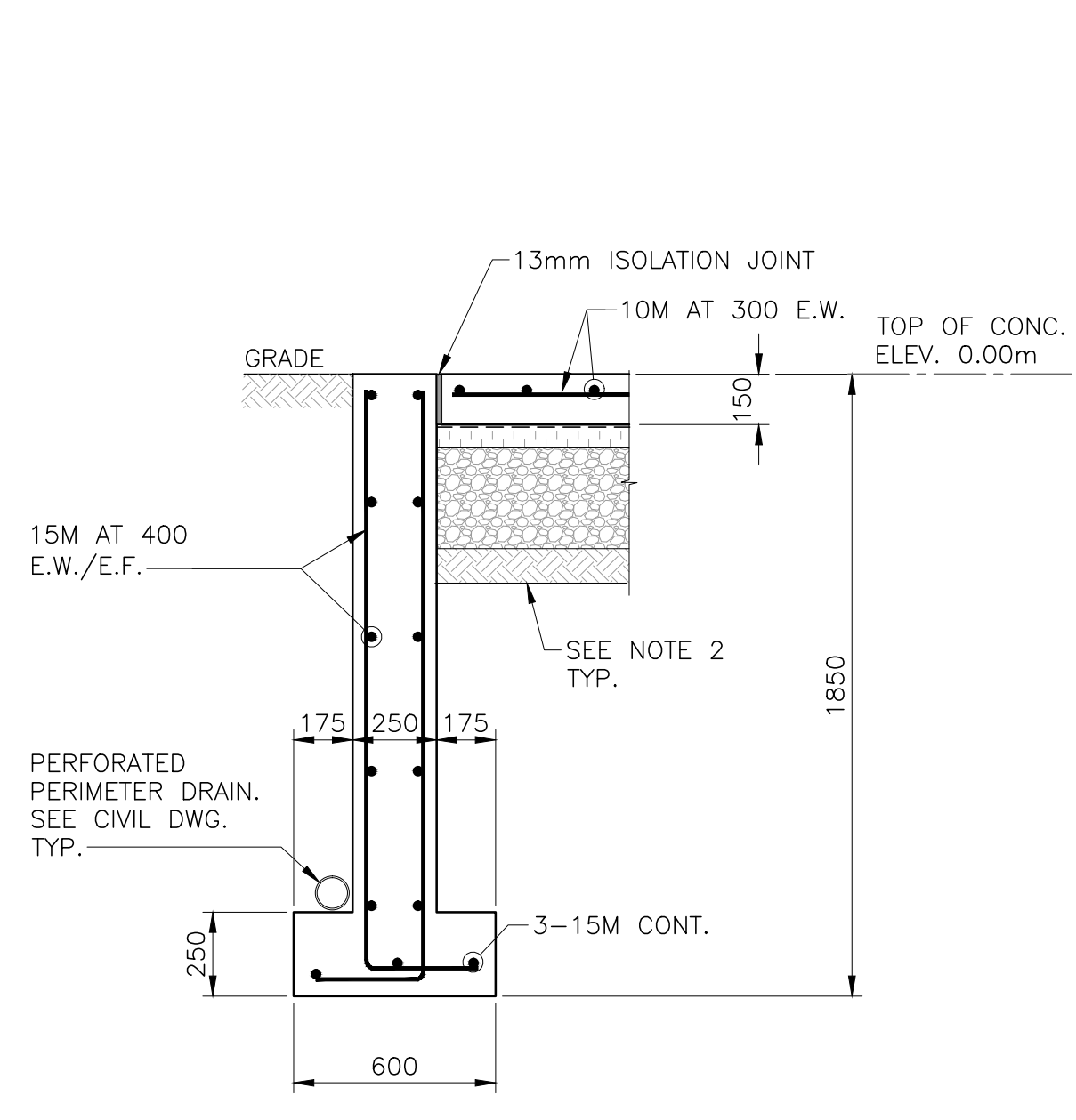


0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project		project

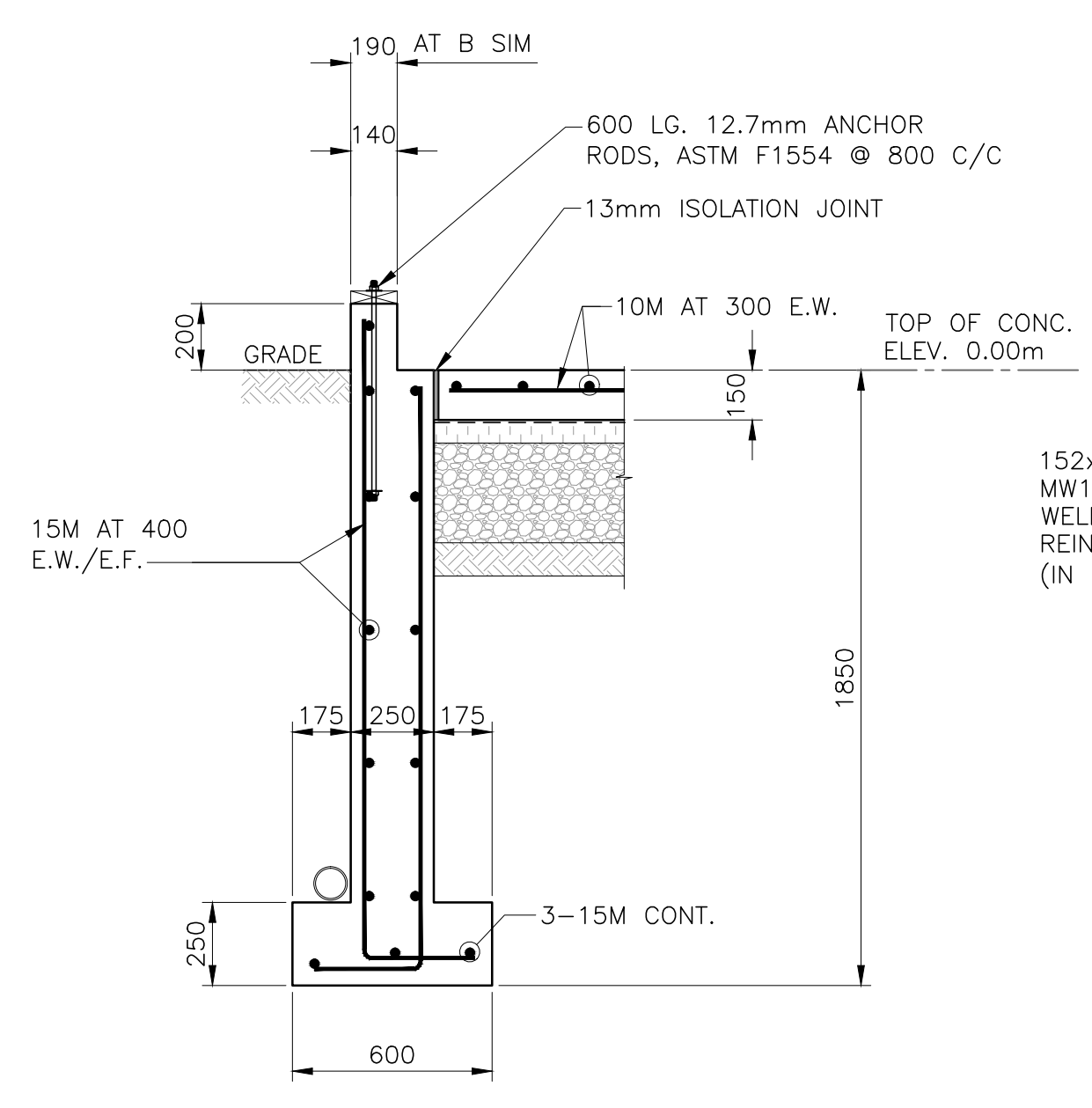
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

**CONCRETE SECTIONS & DETAILS**

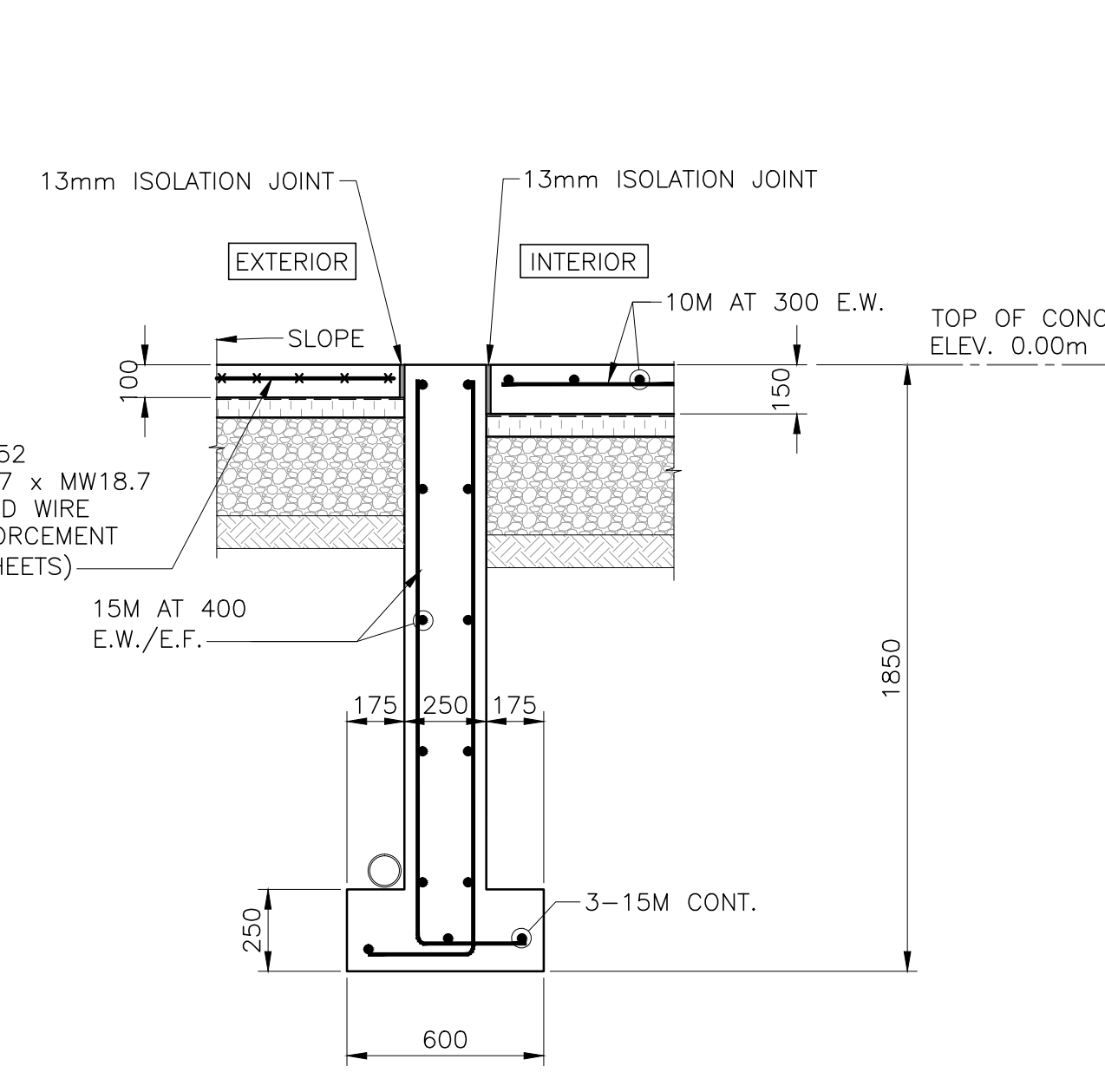
designed J. F.	conçu
date JULY 10, 2019	
drawn L. P.	dessiné
date JULY 10, 2019	
approved H.K.	approuvé
date JULY 10, 2019	
Tender	Soumission
PWGSC Project Manager Administrateur de projets TPWSC	
project number	no. du projet
<b>954</b>	
drawing no.	no. du dessin
<b>S-102</b>	



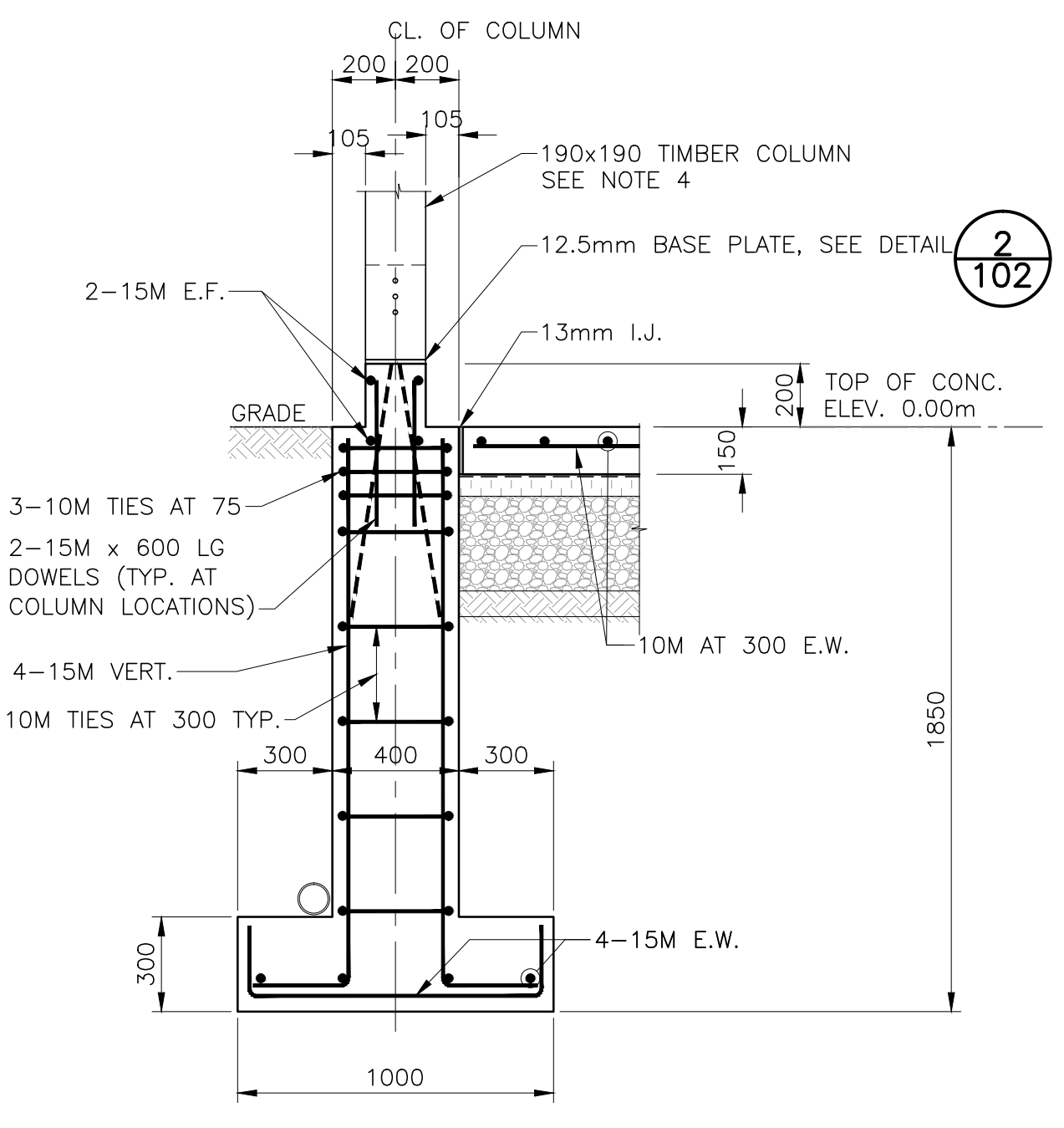
**A SECTION**  
SCALE : 1:20



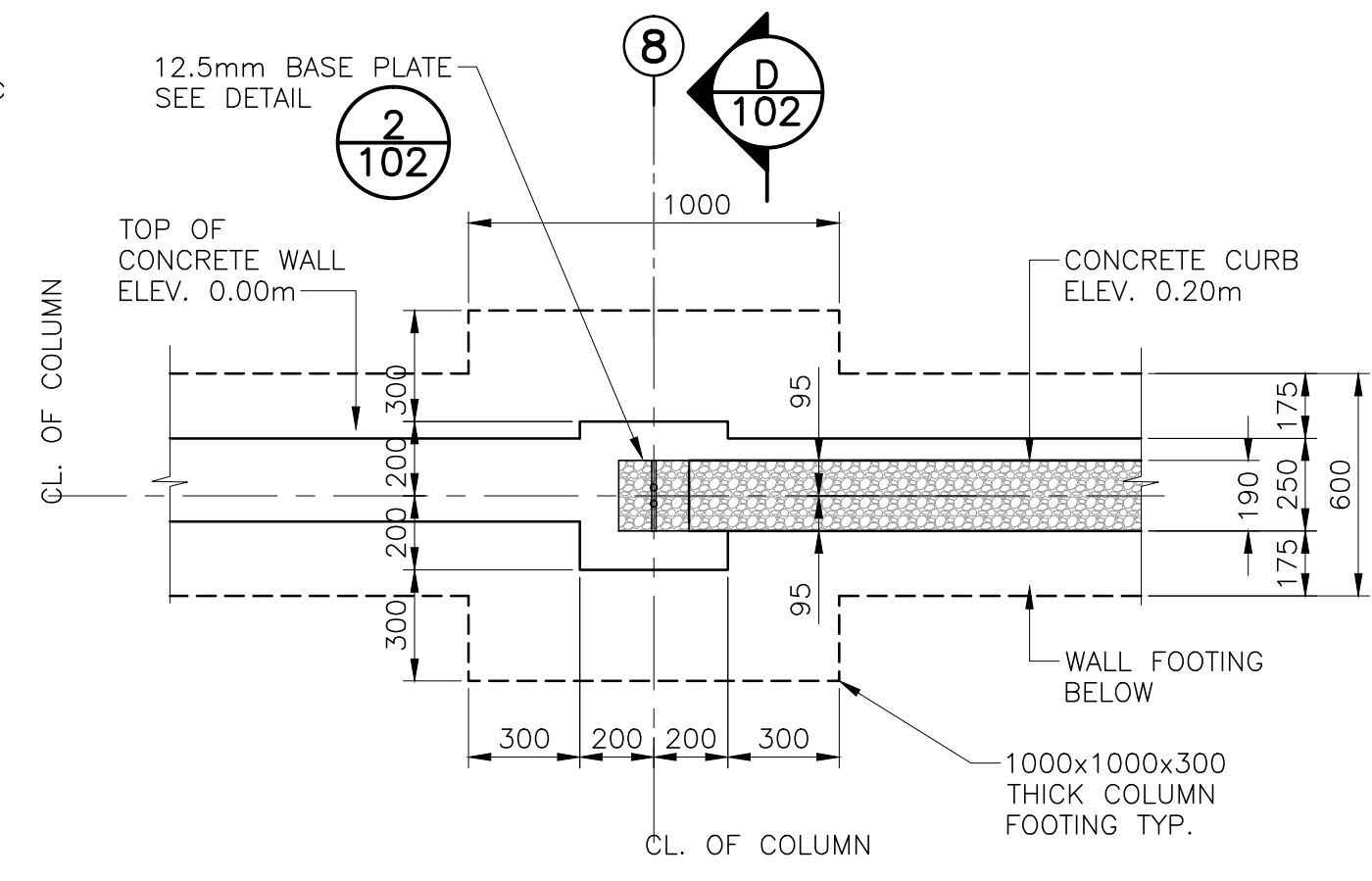
**B SECTION**  
SCALE : 1:20



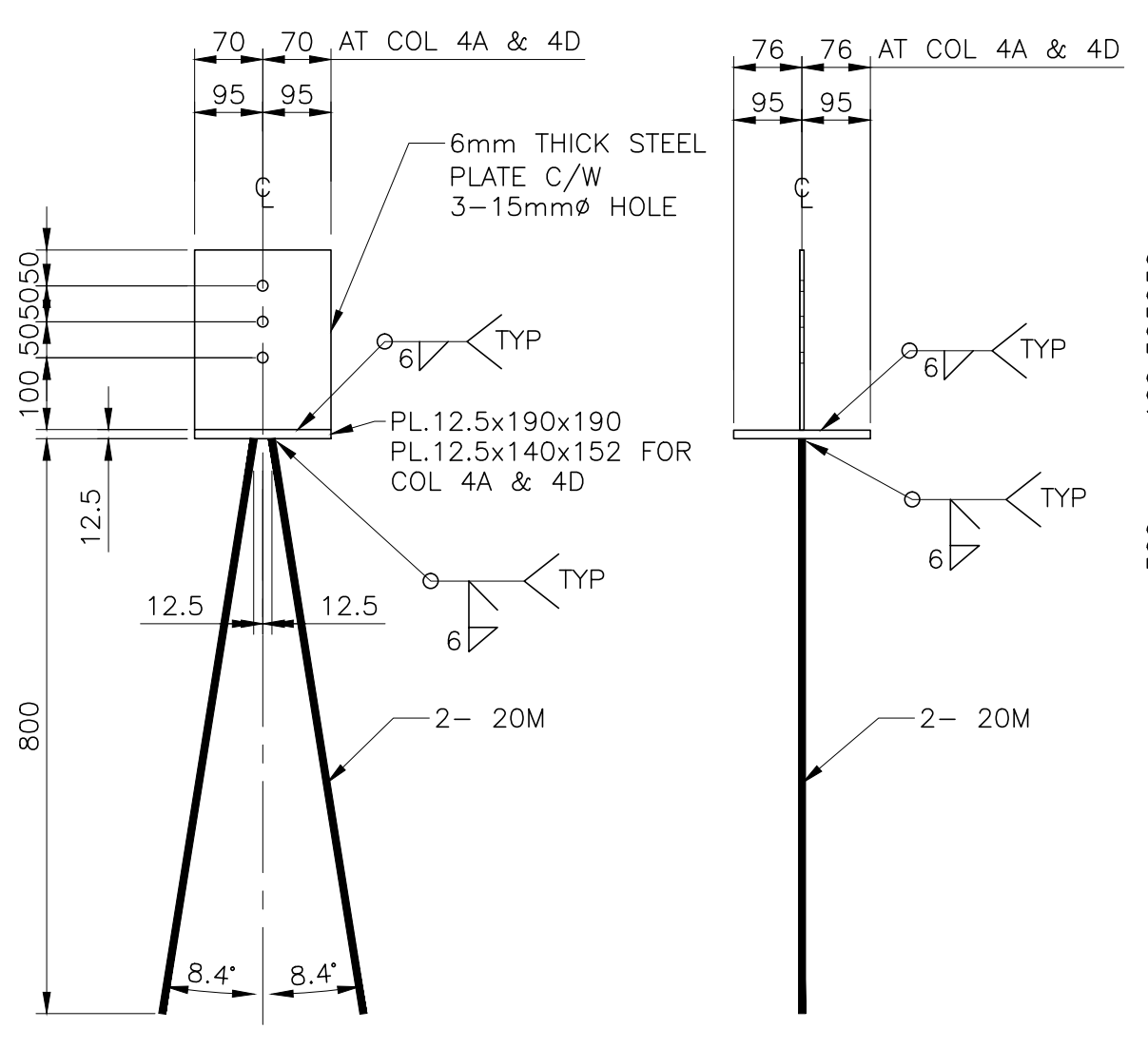
**C SECTION**  
SCALE : 1:20



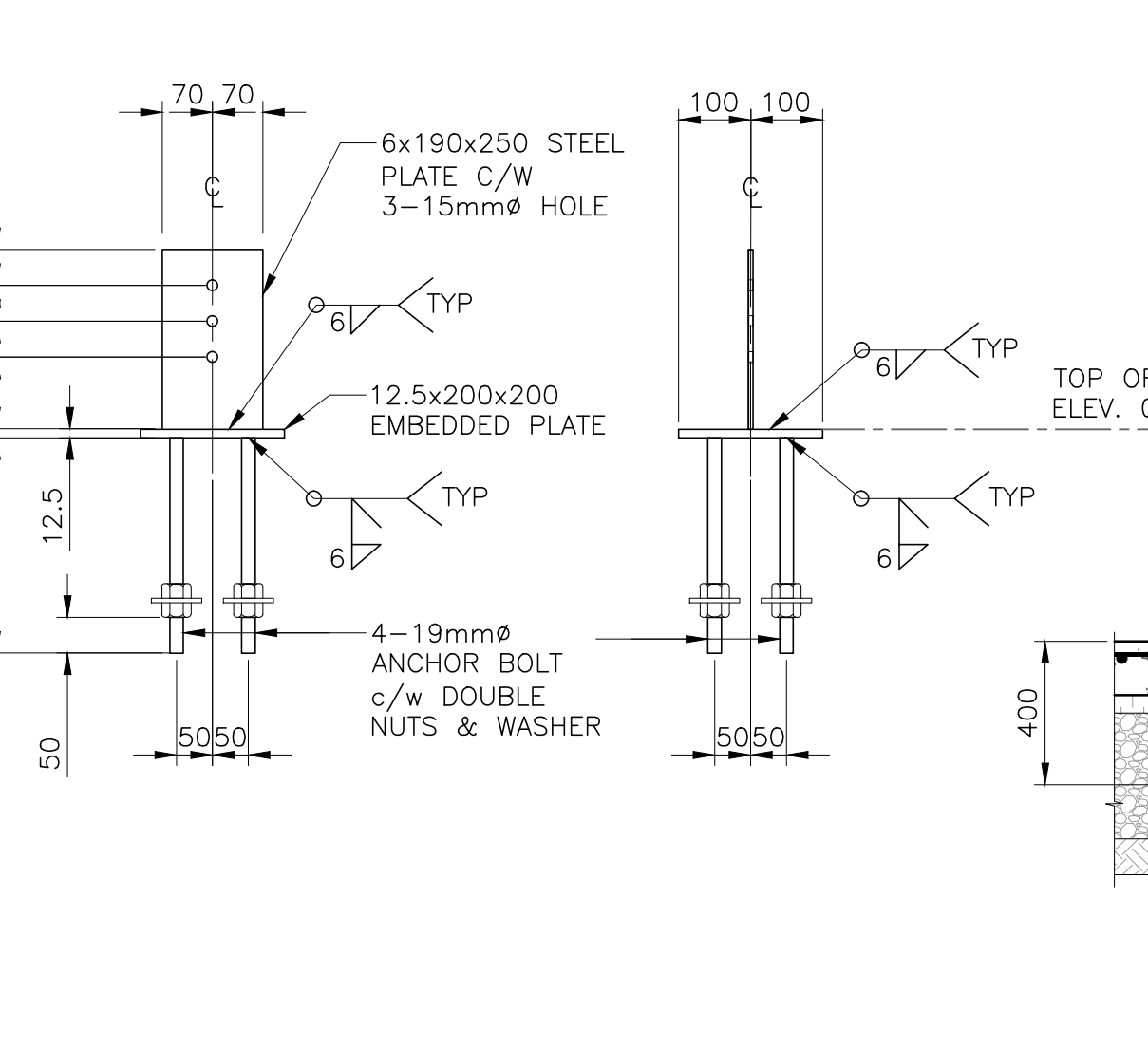
**D SECTION**  
SCALE : 1:20



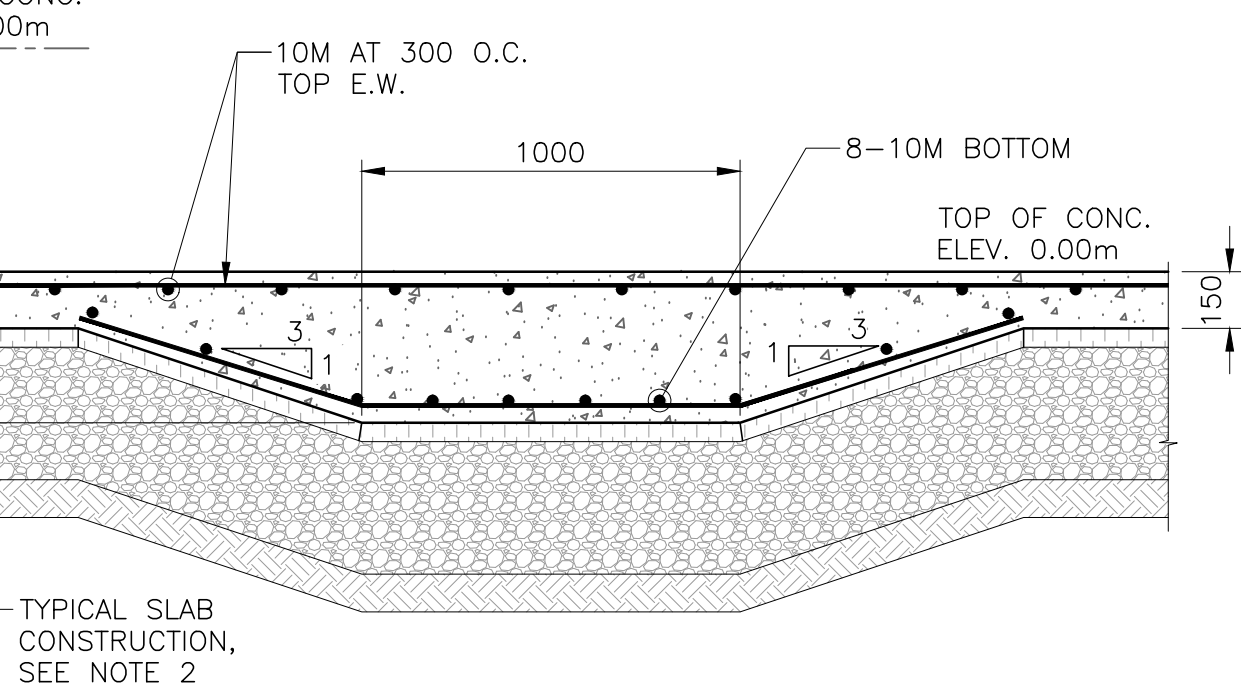
**1 DETAIL (TYP. ALL COLUMN FOOTINGS)**  
SCALE : 1:20



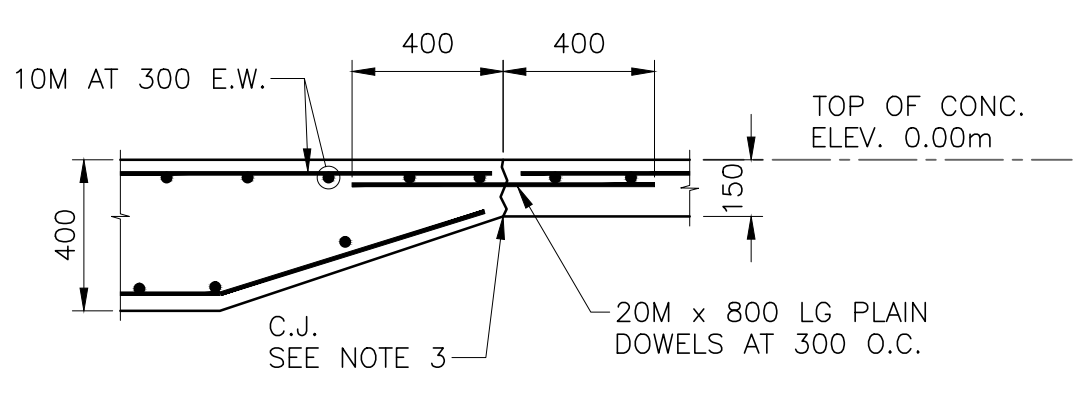
**2 C2 COLUMN PLATE DETAIL**  
SCALE : 1:10



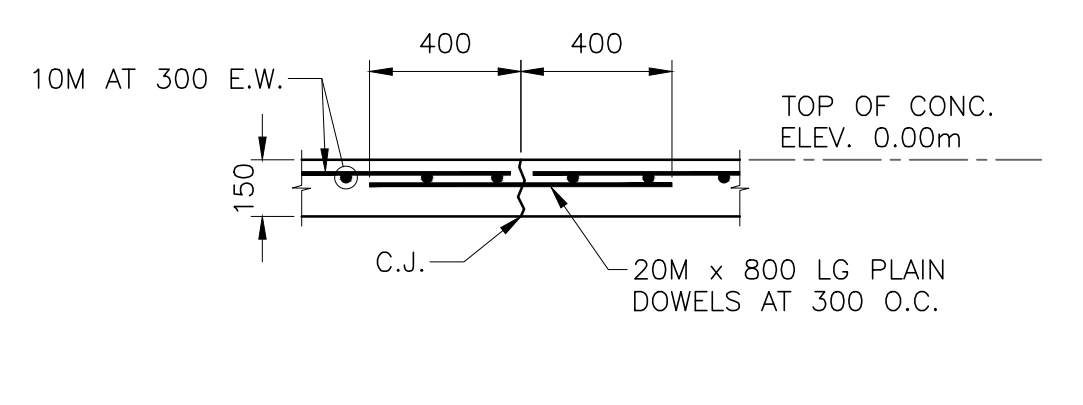
**3 C1 COLUMN PLATE DETAIL**  
SCALE : 1:10



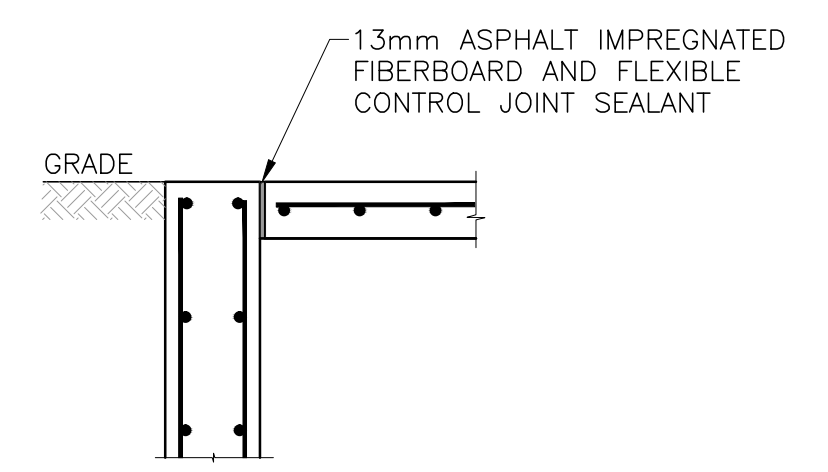
**TYPICAL THICKENED SLAB**  
SCALE : 1:20



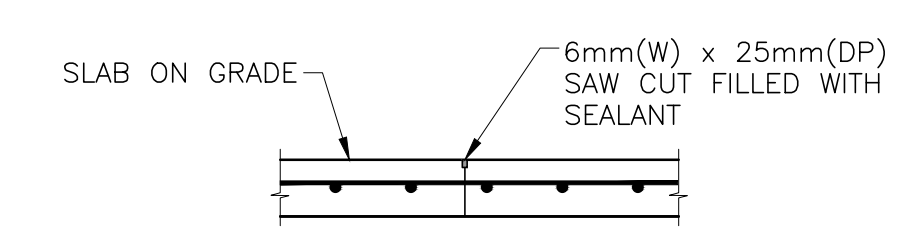
**CONSTRUCTION JOINT AT THICKENED SLAB**  
SCALE : 1:20



**TYPICAL CONSTRUCTION JOINT IN SLAB**  
SCALE : 1:20



**TYPICAL ISOLATION JOINT DETAIL**  
SCALE : 1:20



**TYPICAL SAW CUT JOINT DETAIL**  
SCALE : 1:20



**LEGEND**

- C1 4-38x140 COLUMN
- C2 190x190 COLUMN
- B1 3-38x286 BEAM
- B2 4-38x286 BEAM
- B3 5-38x286 BEAM
- HC SHEARWALL HOLD DOWN CONNECTOR
- SHEARWALL



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project		project

**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

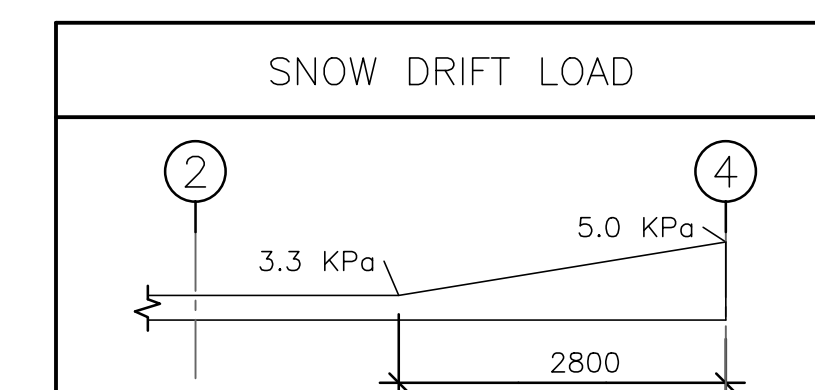
**ROOF FRAMING PLAN & NOTES**

designed J. F.	conçu
date JULY 10, 2019	
drawn E. M.	dessiné
date JULY 10, 2019	
approved H.K.	approuvé
date JULY 10, 2019	
Tender	Soumission
PWGSC Project Manager Administrateur de projets TPWGC	
project number	no. du projet
<b>954</b>	
drawing no.	no. du dessin
<b>S-103</b>	

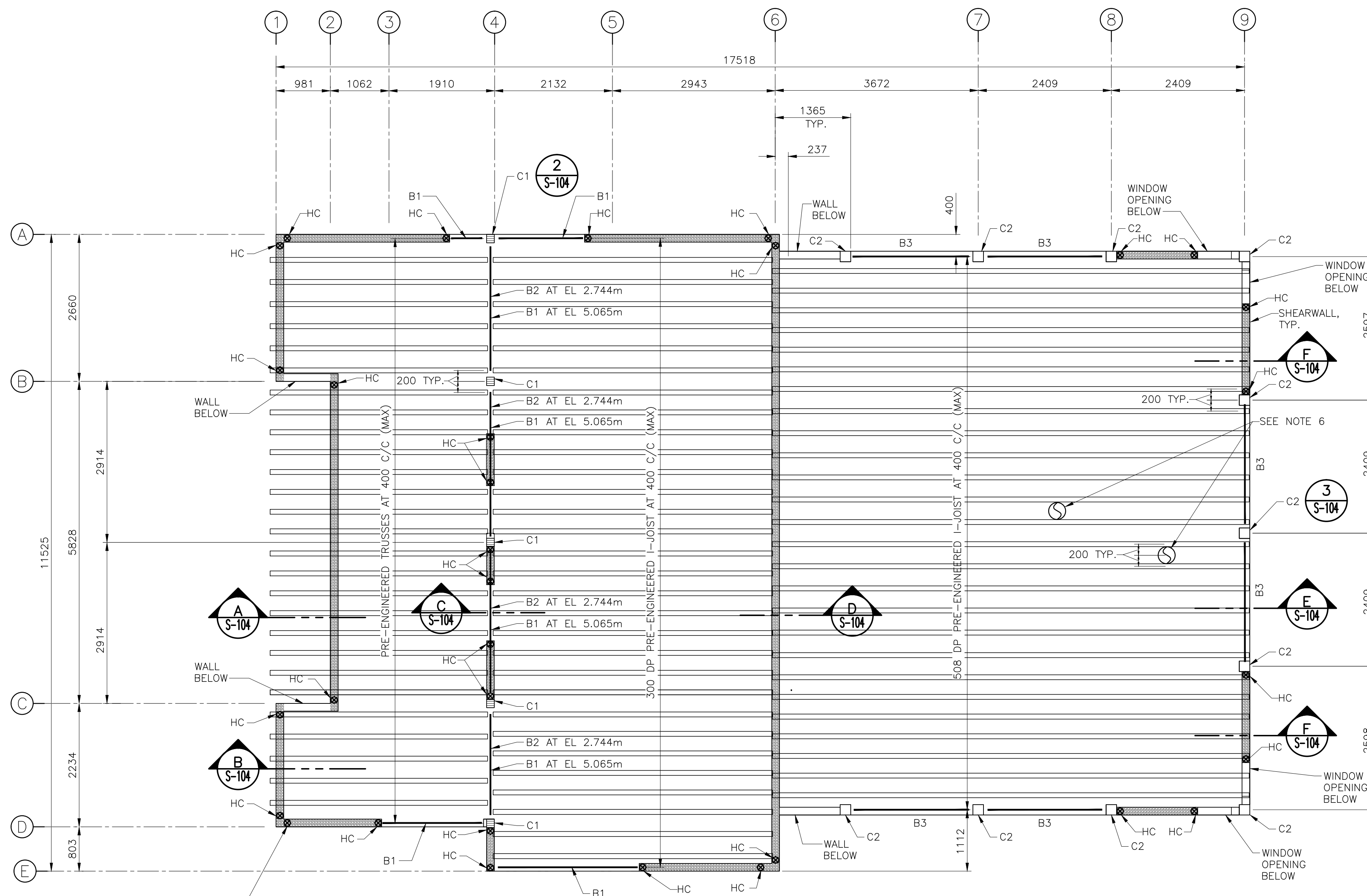
**NOTES:**

- FOR GENERAL NOTES SEE DRAWING S-101.
- THE TIMBER FRAMING, TRUSSES, JOISTS AND OTHER STRUCTURAL ELEMENTS SHALL BE DESIGNED FOR ALL WEATHER CONDITIONS. DURING WINTER MONTH THERE WILL BE NO HEAT OR VENTILATION IN THE BUILDING. THE BUILDING WILL BE UNOCCUPIED AND CLOSED DURING WINTER SEASON.
- ALL DIMENSIONS SHOWN ON DRAWING ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO PROCUREMENT OF MATERIALS AND CONSTRUCTION.
- ALL LUMBER SIZES SHOWN ON DRAWING ARE ACTUAL SIZE U.N.O. FIRST DIMENSION IS WIDTH, SECOND DIMENSION IS DEPTH. ALL DIMENSIONS ARE IN MILLIMETERS U.N.O.
- SCREWS & NAILS INSTALLED FROM OPPOSITES SIDES OF A MEMBER SHALL BE OFFSET TO ELIMINATE POTENTIAL INTERFERENCE WITH EACH OTHER.
- ALL LUMBER USED FOR BUILDING FRAMING & ROOF CONSTRUCTION TO BE SPF NO 1 / NO 2 GRADE.
- COORDINATE JOIST SPACING WITH COLUMNS AND CHIMNEY LOCATIONS.
- NAILING PATTERN FOR BUILT-UP BEAMS:
  - TRIPLE ROWS OF NAILS NOT LESS THAN 89mm IN LENGTH AND NOT MORE THAN 250mm BETWEEN ROWS WITH END NAILS LOCATED 100mm TO 150mm FROM END.
  - CONNECT CENTER PLIES TOGETHER FIRST AND THEN CONNECT OUTER PLIES. STAGGER NAILS HORIZONTALLY ALONG BEAM TO AVOID INTERFERENCE.
  - NO SPLICES PERMITTED IN BUILT-UP BEAMS. ALL PLIES TO BE CONTINUOUS FOR FULL LENGTH OF BEAM.
- WHERE BEAM IS SUPPORTED ON STUD WALLS, PROVIDE THREE STUDS AT EACH END OF BEAM. PROVIDE TRIPLE STUDS AT BOTH SIDES OF ALL OPENINGS U.N.O.
- ROOF SHEATHING TO BE 15.5mm THK PLYWOOD c/w 63mm (2 1/2") NAILS SPACED AT 150mm O.C. AT PANEL EDGES AND AT 300mm O.C. AT INTERIOR OF PANELS. ALL PANEL EDGES TO BE BLOCKED WITH 38x89 BLOCKING. NAILS NOT TO BE INSTALLED WITHIN 10mm OF PANEL EDGE.

DESIGN LOADS		
GROUND SNOW S <sub>s</sub> (kPa)	3.4	
RAIN LOAD S <sub>r</sub> (kPa)	0.6	
BASIC ROOF SNOW LOAD (kPa)	3.3	
HOURLY WIND PRESSURE (1/50), (kPa)	0.41	
NET WIND ROOF UPLIFT (kPa)	0.7	
SEISMIC DATA	S <sub>a</sub> (0.2)	0.214
	S <sub>a</sub> (0.5)	0.125
	S <sub>a</sub> (1.0)	0.069
	S <sub>a</sub> (2.0)	0.035
	S <sub>a</sub> (5.0)	0.0087
	S <sub>a</sub> (10.0)	0.0037
PGA	0.136	
PGV	0.102	
TRUSS TOP CHORD DEAD LOAD (kPa)	0.55	
TRUSS BOTTOM CHORD DEAD LOAD (kPa)	0.65	
JOIST DEAD LOAD (kPa)	1.0	
TRUSS & JOIST SPACING, MAX (mm)	400	



SHEARWALL TABLE	
BOTTOM SILL PLATE	1-38x140 ANCHORED TO CONCRETE WITH 12.7mm Ø BOLTS @ 800 O.C.
VERTICAL END POSTS (AT H.C. LOCATIONS)	2-38x140 E/E
TOP SILL PLATE	2-38x140 WITH 3 1/2" CLINCHED NAILS @ 200mm O.C.
WALL STUDS (TYPICAL)	38x140 @ 400mm O.C. C/W BLOCKING AT PLYWOOD EDGES
WALL STUDS (@ GRID 6)	38x140 @ 300mm O.C. C/W BLOCKING AT PLYWOOD EDGES
HOLD DOWN CONNECTORS (HC)	2-HOLD DOWN CONNECTORS (HC) AT LOCATIONS INDICATED ON PLAN
SHEATHING	19mm SPF PLYWOOD ONE FACE (EXTERIOR FACE FOR PERIMETER WALLS AND ON INTERIOR WALLS AS INDICATED) WITH 3" NAILS SPACED AT 100mm O.C. AT PANEL EDGES AND 300mm O.C. AT INTERIOR OF PANELS. ALL PANEL EDGES TO BE BLOCKED WITH 38x140 BLOCKING. NAILS NOT TO BE INSTALLED CLOSER THAN 10mm FROM PANEL EDGE.



**1 S-103 ROOF FRAMING PLAN**  
SCALE : 1:50





**EKISTICS PLANNING & DESIGN**

1 STARR LANE, DARTMOUTH  
PH: (902)461-2525 FAX: (902)465-3131



Wood Environment & Infrastructure Solutions  
Wood Architectural Services Ltd.  
a Division of Wood Canada Limited  
50 Troop Avenue, Suite 300  
Dartmouth, Nova Scotia

**NOTES:**

- FOR GENERAL NOTES SEE DRAWING S-101.
- FOR TIMBER NOTES SEE DRAWING S-103.
- PROVIDE BLOCKING IN SPAN & AT ENDS AS REQUIRED BY I-JOIST AND TRUSS MANUFACTURER.
- ALL TRUSSES & I-JOISTS TO BE CONNECTED TO BEAM/WALL BELOW WITH ANCHORS. ANCHORS TO BE DESIGNED AND SUPPLIED BY MANUFACTURER.



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date

project project  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing dessin

**TIMBER SECTIONS & DETAIL**

designed J. F. conçu

date JULY 10, 2019

drawn E. M. dessiné

date JULY 10, 2019

approved H.K. approuvé

date JULY 10, 2019

Tender Soumission

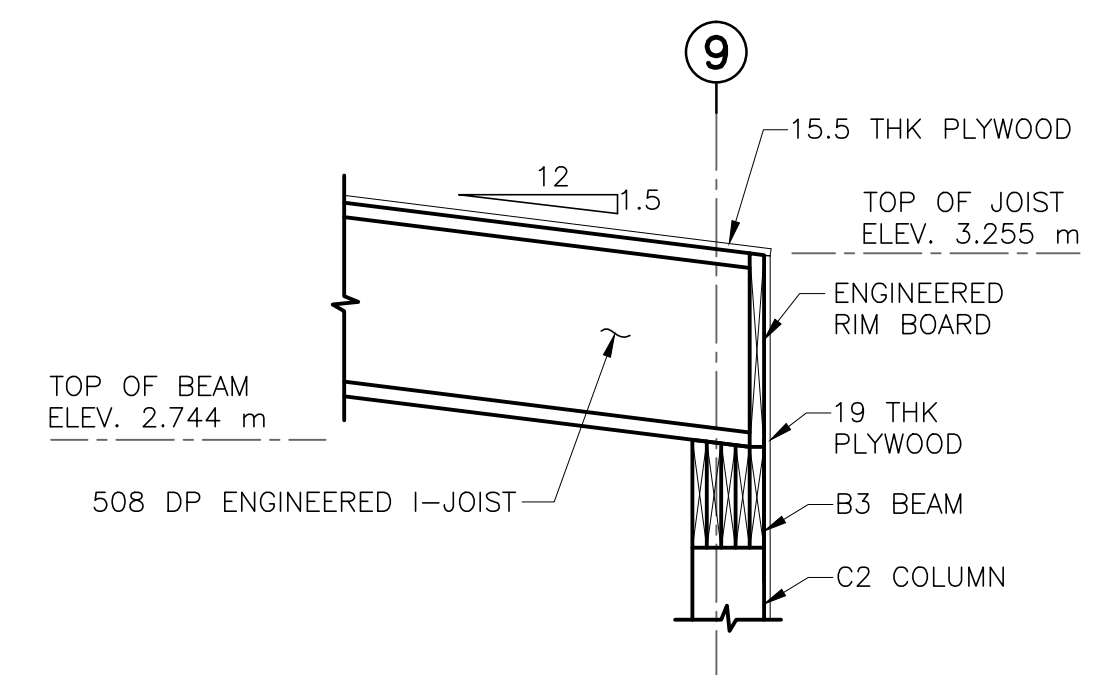
PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

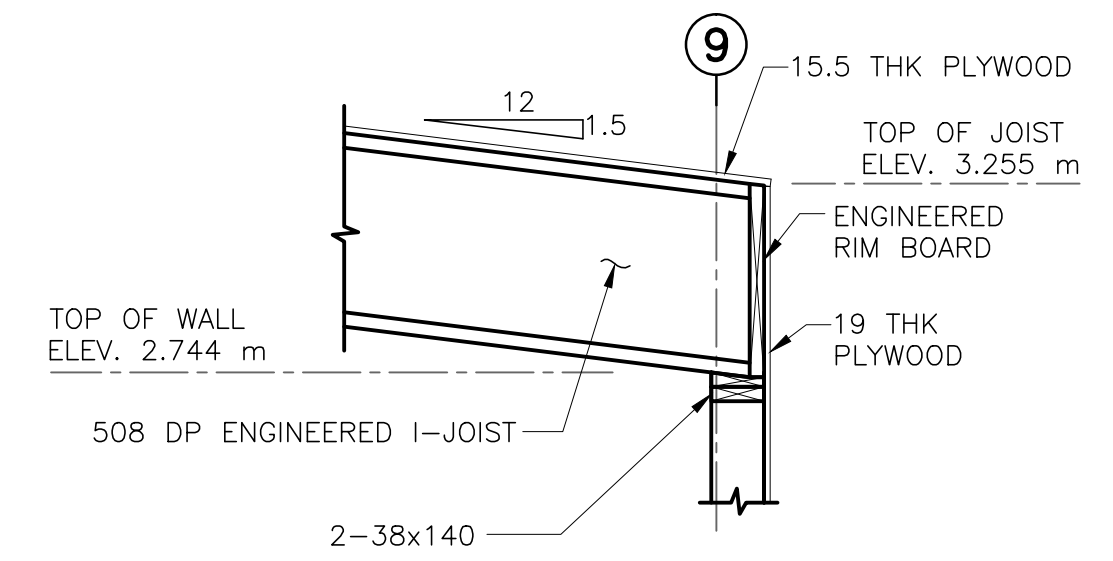
954

drawing no. no. du dessin

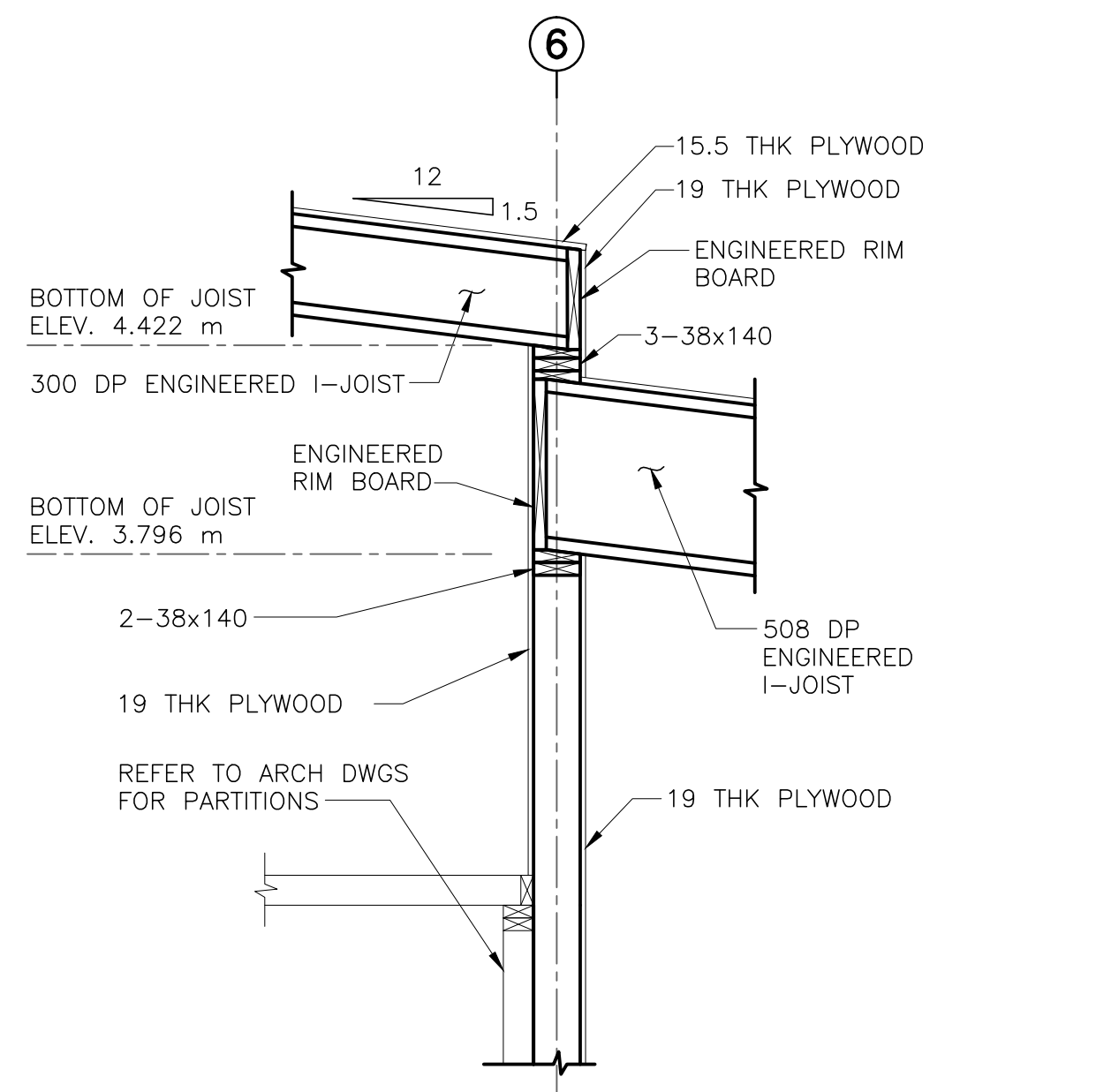
S-104



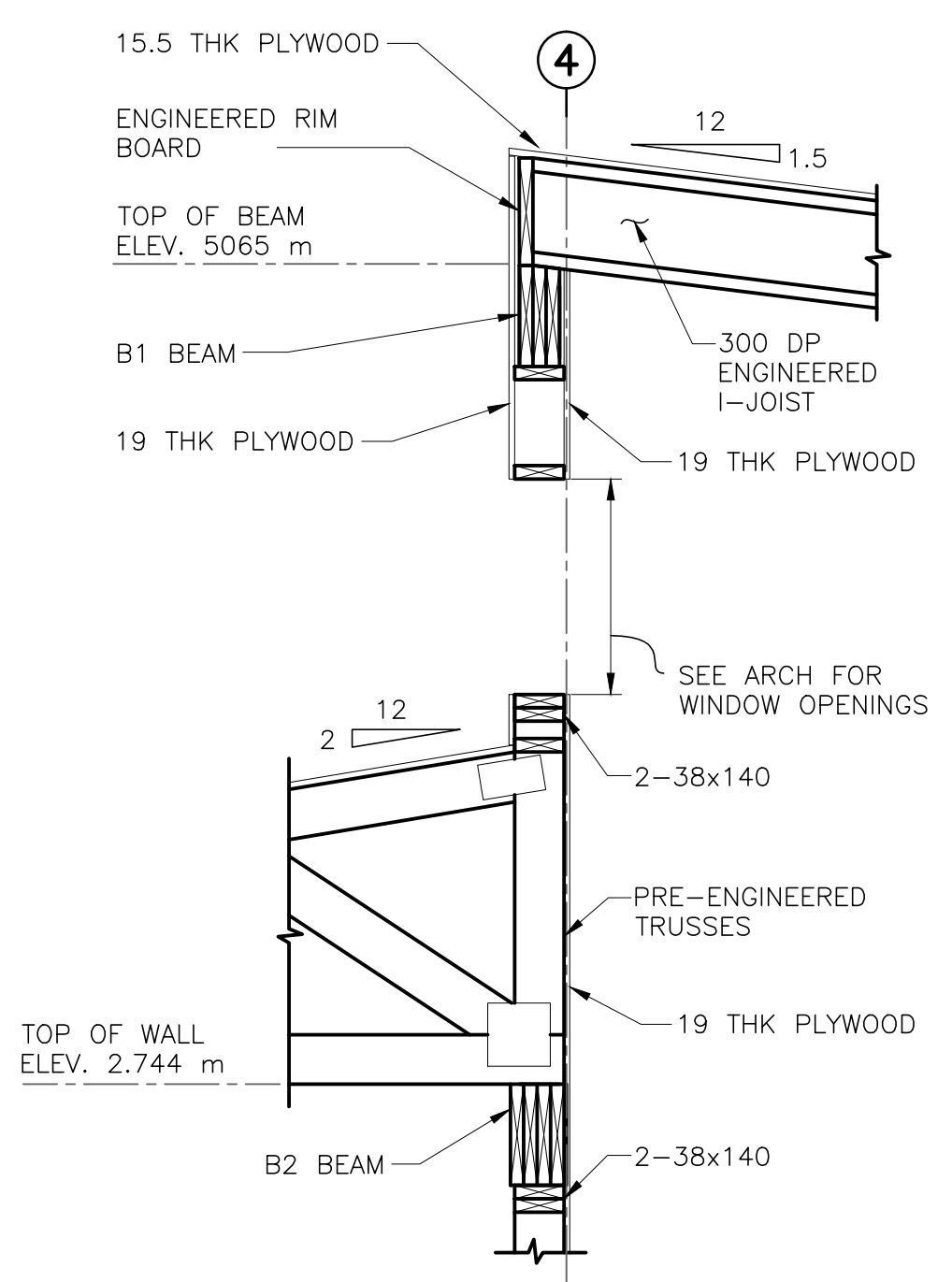
**SECTION 9**  
SCALE : 1:20



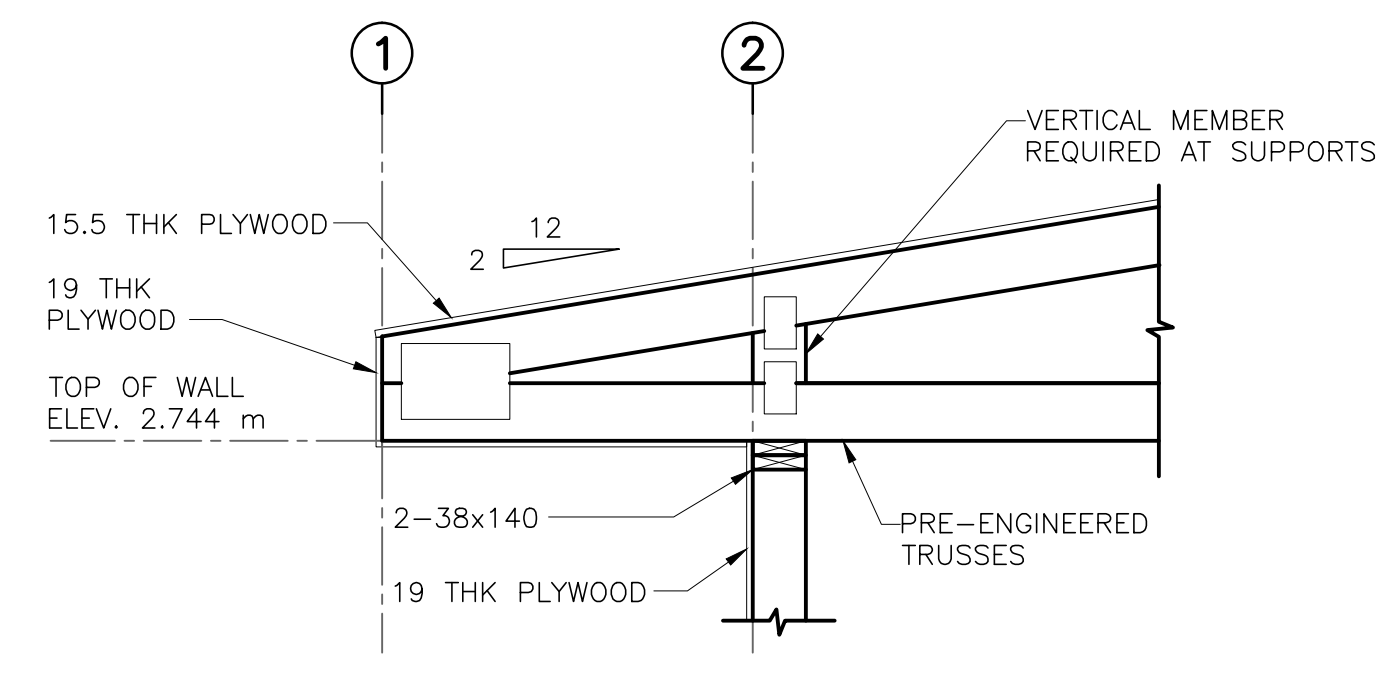
**SECTION 9**  
SCALE : 1:20



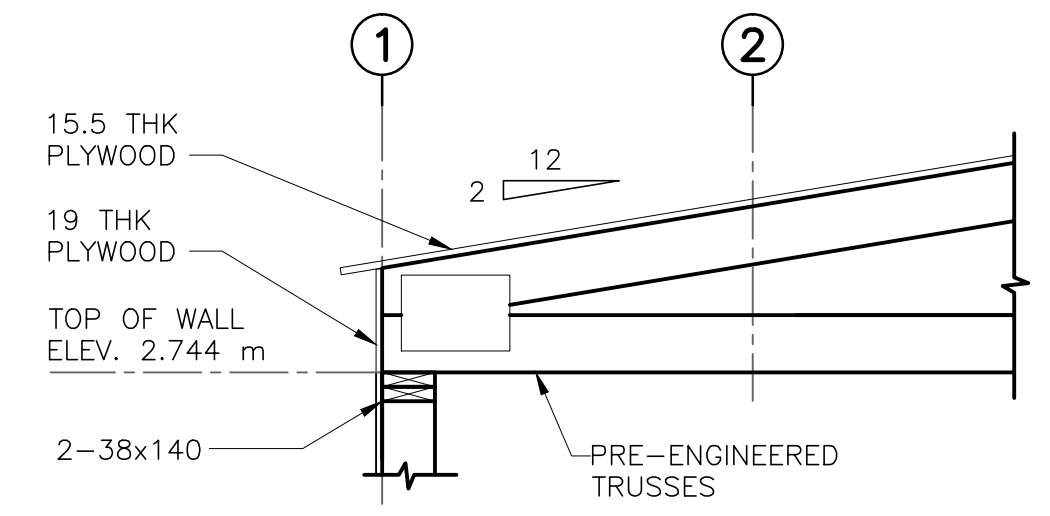
**SECTION 6**  
SCALE : 1:20



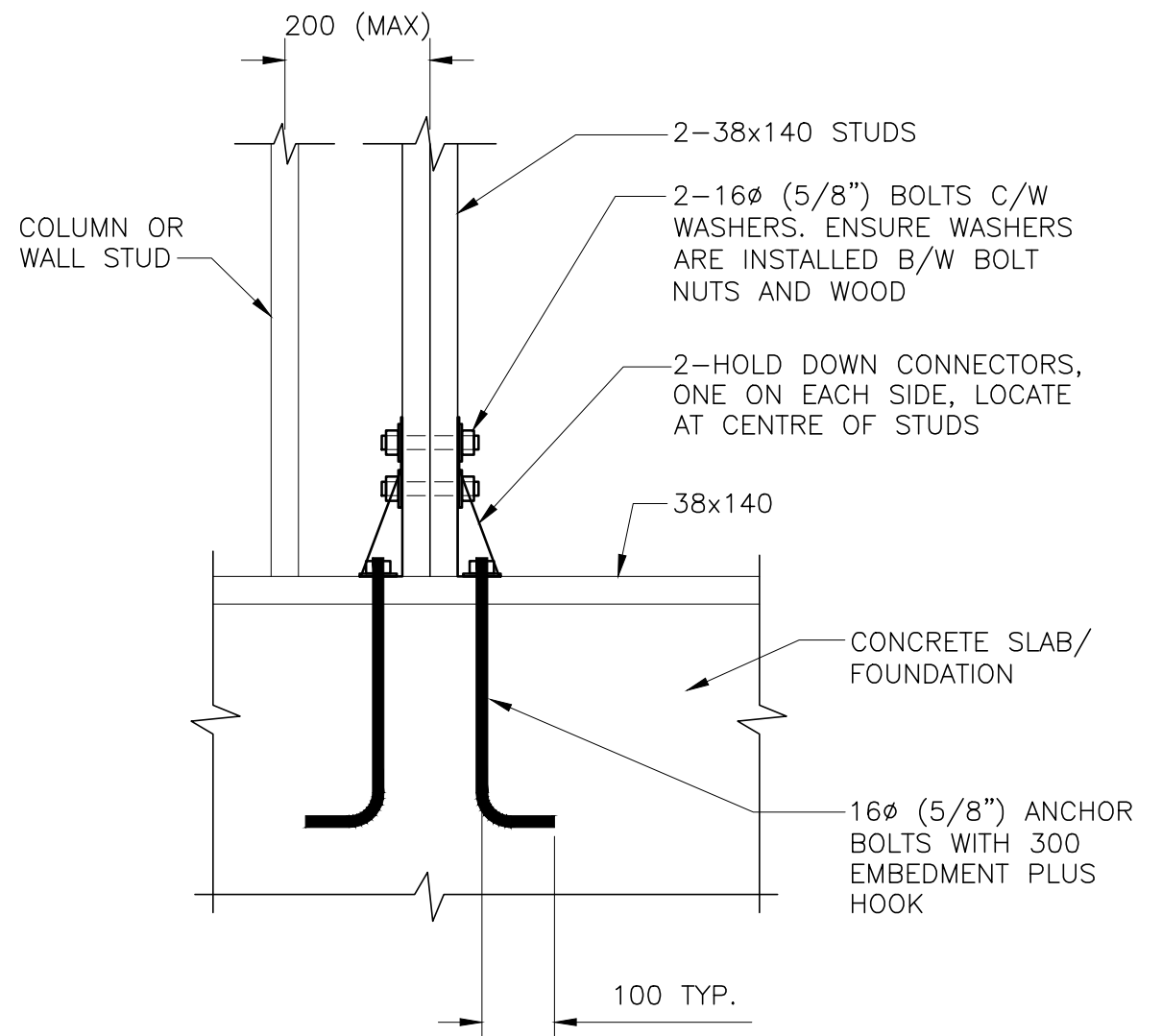
**SECTION 4**  
SCALE : 1:20



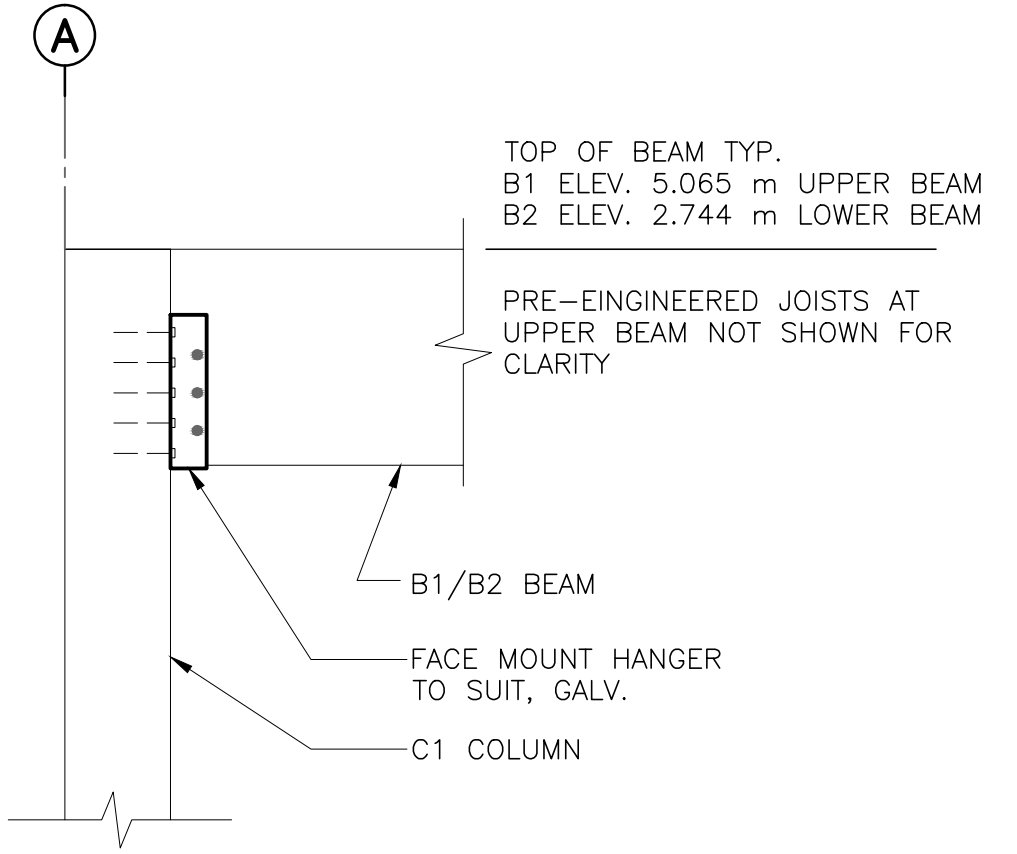
**SECTION 2**  
SCALE : 1:20



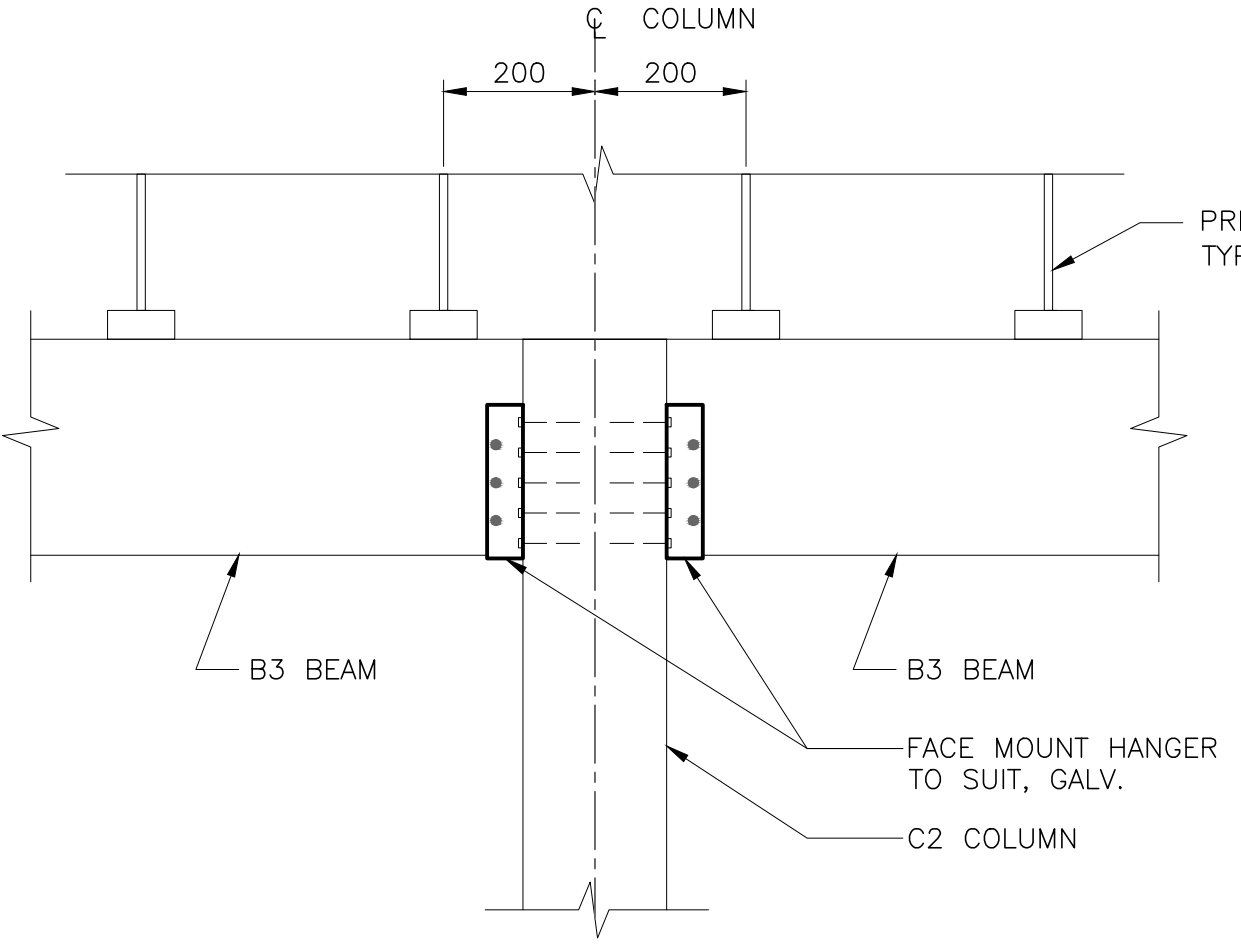
**SECTION 1**  
SCALE : 1:20



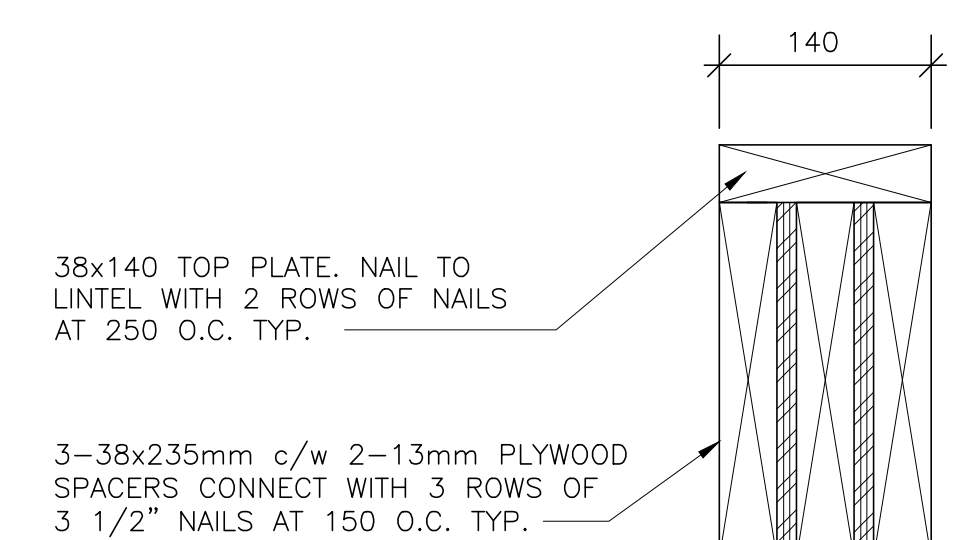
**1 HOLD DOWN CONNECTOR (HC) DETAIL**  
SCALE : 1:10



**2 C1 COLUMN SECTION**  
SCALE : 1:10



**3 C2 COLUMN SECTION**  
SCALE : 1:10



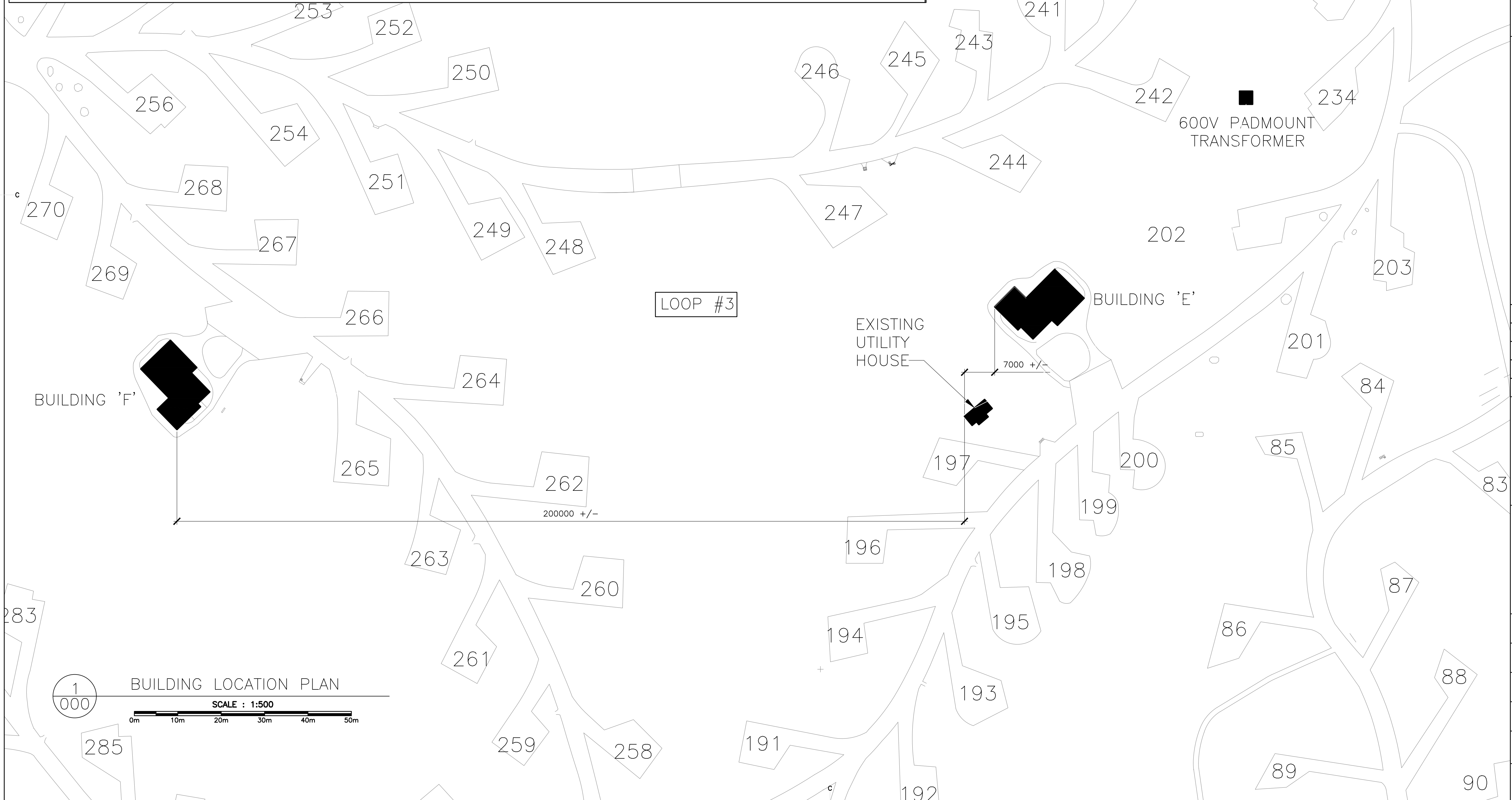
**TYPICAL LINTEL SECTION**  
SCALE : 1:5



**GENERAL NOTES:**

APPROXIMATE LOCATION WAS PROVIDED BY PARKS CANADA FIELD UNIT. ALL DIMENSIONS AND SCALING IS APPROXIMATE. DRAWING ONLY FOR REFERENCE. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

1. CONTRACTOR RESPONSIBLE FOR SITE SAFETY AND SECURITY.
2. CONTRACTOR RESPONSIBLE FOR LAYOUT OF ALL WORK DESCRIBED IN DRAWINGS
3. BUILDING LOCATIONS TO BE STAKED FOR APPROVAL BY PARKS CANADA PRIOR TO PROCEEDING WITH WORK.
4. UNDERGROUND SERVICE LOCATIONS SHOWN ARE FOR REFERENCE ONLY AND SHOULD NOT BE ASSUMED TO BE COMPLETE. ALL UTILITY LOCATES ARE THE RESPONSIBILITY OF THE CONTRACTOR. REPORT ANY DISCREPANCIES TO PARKS CANADA PRIOR TO PROCEEDING WITH CONSTRUCTION.
5. ANY DISCREPANCIES BETWEEN DRAWINGS AND AS-FOUND CONDITIONS ARE TO BE REPORTED TO PARKS CANADA PRIOR TO PROCEEDING WITH CONSTRUCTION
6. PARKS CANADA RETAINS RIGHT OF FIRST REFUSAL ON ALL REMOVED MATERIALS.
  - 6.1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND EXCAVATION OF MATERIALS AS REQUIRED FOR CONSTRUCTION OF NEW BUILDING AND SITE WORKS. ALL REMOVED MATERIALS TO BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
  - 6.2. ALL TREES PROPOSED TO BE REMOVED ARE TO BE TAGGED BY CONTRACTOR FOR REVIEW AND APPROVAL BY PARKS CANADA PRIOR TO REMOVAL.
  - 6.3. ALL REMOVED TREES ARE TO BE TRANSPORTED TO IN-PARK DUMP SITE AND TURNED OVER TO PARKS CANADA.
7. ALL DISTURBED AREAS TO BE RESTORED TO PRE-CONSTRUCTION CONDITIONS OR BETTER. MATCH EXISTING SURROUNDING CONDITION.
  - 7.1. FOR TRAILS - MATCH EXISTING MATERIAL (GRAVEL, CRUSHER DUST, OR WOOD CHIPS) SOURCE FOR ALL MATERIAL TO BE APPROVED BY PARKS CANADA.
  - 7.2. CONFIRM HYDROSEED MIX WITH DEPARTMENTAL REPRESENTATIVE. CONTRACTOR RESPONSIBLE FOR PROTECTION THROUGHOUT WARRANTY
8. ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDING FACES.
9. TRANSITIONS TO ENTRANCES/FROST SLABS TO BE FLUSH. ENSURE NO TRIP HAZARDS.
10. CONTRACTOR TO COORDINATE WITH B.I.A. FOR ALL MATERIALS AND PROCEDURES



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project: 954 KOUCHIBOUGUAC UTILITY HOUSE

drawing: LOCATION PLAN

designed: BH/JB/CC

date: 02/01/2019

drawn: BH/JB/CC

date: 02/25/2019

Tender: JOHN O'NEIL

Project Manager: Administrateur de projets

project number: 954

drawing no.: A-000

CONSTRUCTION ASSEMBLIES LEGEND

EXTERIOR WALL ASSEMBLIES

<b>WT1</b>	<b>WT1 EXTERIOR WALL ASSEMBLY – TYPICAL</b>
	<ul style="list-style-type: none"> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>BLIND NAILED</li> <li>STAIN AND UV CLEAR</li> <li>19mm HORIZONTAL STRAPPING / AIRSPACE</li> <li>19mm VERTICAL STRAPPING / AIRSPACE</li> <li>WEATHER RESISTIVE VAPOR PERMEABLE AIR BARRIER</li> <li>EXTERIOR GRADE SHEATHING</li> <li>38mm x 140mm WOOD STUDS @ 400mm O.C.</li> <li>16mm INTERIOR SHEATHING</li> <li>GYPSON BOARD (TYPICAL)</li> <li>ALL GYPSON WALL BOARD IN WASHROOMS TO BE WATERPROOF</li> <li>SCHLUTER KERDI-BOARD INSTEAD OF GYPSON AT SHOWER AND JANITORIAL LOCATIONS (ROOMS 2, 4, 5, 6, 14)</li> </ul>
<b>WT1a</b>	<b>WT1a EXTERIOR WALL ASSEMBLY – TYPICAL</b>
	<ul style="list-style-type: none"> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>BLIND NAILED</li> <li>STAIN AND UV CLEAR</li> <li>19mm HORIZONTAL STRAPPING / AIRSPACE</li> <li>19mm VERTICAL STRAPPING / AIRSPACE</li> <li>WEATHER RESISTIVE VAPOR PERMEABLE AIR BARRIER</li> <li>EXTERIOR GRADE SHEATHING</li> <li>38mm x 140mm WOOD STUDS @300mm O.C.</li> <li>16mm INTERIOR SHEATHING</li> <li>SCHLUTER KERDI-BOARD INSTEAD OF GYPSON AT SHOWER LOCATION (ROOM 14)</li> </ul>
<b>WT2</b>	<b>WT2 EXTERIOR WALL ASSEMBLY – BLACK STAINED CEDAR</b>
	<ul style="list-style-type: none"> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>BLIND NAILED</li> <li>BLACK STAIN AND UV CLEAR</li> <li>19mm HORIZONTAL STRAPPING / AIRSPACE</li> <li>19mm VERTICAL STRAPPING / AIRSPACE</li> <li>WEATHER RESISTIVE VAPOR PERMEABLE AIR BARRIER</li> <li>EXTERIOR GRADE SHEATHING</li> <li>38mm x 140mm WOOD STUDS</li> <li>EXTERIOR GRADE SHEATHING</li> <li>19mm HORIZONTAL STRAPPING / AIRSPACE – BROKEN EVERY 2XXM TO PROVIDE DRAINAGE</li> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> </ul>
<b>WT3</b>	<b>WT3 EXTERIOR WALL ASSEMBLY – KITCHEN STORAGE</b>
	<ul style="list-style-type: none"> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>BLIND NAILED</li> <li>STAIN AND UV CLEAR</li> <li>EXTERIOR GRADE SHEATHING</li> <li>38mm x 140mm WOOD STUDS</li> <li>EXTERIOR GRADE SHEATHING</li> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>STAIN AND UV CLEAR</li> </ul>
<b>WT4</b>	<b>WT4 REMOVABLE PANEL ASSEMBLY</b>
	<ul style="list-style-type: none"> <li>19mm EASTERN WHITE CEDAR WOOD SIDING</li> <li>VERTICAL ORIENTATION</li> <li>BLIND NAILED</li> <li>STAIN AND UV CLEAR</li> <li>WEATHER RESISTIVE VAPOR PERMEABLE AIR BARRIER</li> <li>EXTERIOR GRADE SHEATHING</li> <li>38mm x 89mm WOOD STUDS</li> </ul>

ROOF ASSEMBLIES

<b>R1</b>	<b>ROOF ASSEMBLY – SHOWERS</b>
	<ul style="list-style-type: none"> <li>ASPHALT SHINGLE ROOF</li> <li>WATERPROOF UNDERLAYMENT LAYER</li> <li>ROOF SHEATHING</li> <li>ENGINEERED ROOF TRUSSES</li> <li>CEILING STRAPPING</li> <li>CEILING FINISH</li> </ul> <p>*** NOTE: ALL GYPSON WALL BOARD AT WASHROOM AND SHOWER LOCATIONS TO BE WATERPROOF</p>
<b>R2</b>	<b>ROOF ASSEMBLY – WASHROOMS</b>
	<ul style="list-style-type: none"> <li>ASPHALT SHINGLE ROOF</li> <li>WATERPROOF UNDERLAYMENT LAYER</li> <li>ROOF SHEATHING</li> <li>ENGINEERED I-JOIST</li> <li>CEILING STRAPPING</li> <li>CEILING FINISH</li> </ul> <p>*** NOTE: ALL GYPSON WALL BOARD AT WASHROOM AND SHOWER LOCATIONS TO BE WATERPROOF</p>
<b>R3</b>	<b>ROOF ASSEMBLY – KITCHEN SHELTER</b>
	<ul style="list-style-type: none"> <li>ASPHALT SHINGLE ROOF</li> <li>WATERPROOF UNDERLAYMENT LAYER</li> <li>ROOF SHEATHING</li> <li>ROOF STRUCTURE</li> <li>CEILING STRAPPING (BETWEEN STRUCTURE)</li> <li>CEILING FINISH</li> </ul>

INTERIOR PARTITION ASSEMBLIES

<b>P1</b>	<b>INTERIOR PARTITION – TYPICAL</b>
	<ul style="list-style-type: none"> <li>16mm GYPSON WALL BOARD</li> <li>38mm x 140mm WOOD STUDS @ 400mm O.C.</li> <li>MINERAL WOOL INSULATION; FULL CAVITY</li> <li>16mm GYPSON WALL BOARD</li> </ul> <p>*** ALL GYPSON WALL BOARD IN WASHROOMS TO BE WATERPROOF</p> <p>*** FIRE-RATED PARTITIONS (1 HR) TO COMPLY WITH ULC W301</p> <p>*** SHEAR WALL PARTITIONS TO INCLUDE SHEATHING; SEE STRUCTURAL</p>
<b>P2</b>	<b>INTERIOR PARTITION – PLUMBING WALL</b>
	<ul style="list-style-type: none"> <li>38mm x 140mm WOOD STUDS @ 400mm O.C.</li> <li>MINERAL WOOL INSULATION</li> <li>16mm GYPSON WALL BOARD</li> </ul> <p>*** SEE DETAIL 1 A-306 FOR PLUMBING WALL</p>

FLOOR ASSEMBLIES

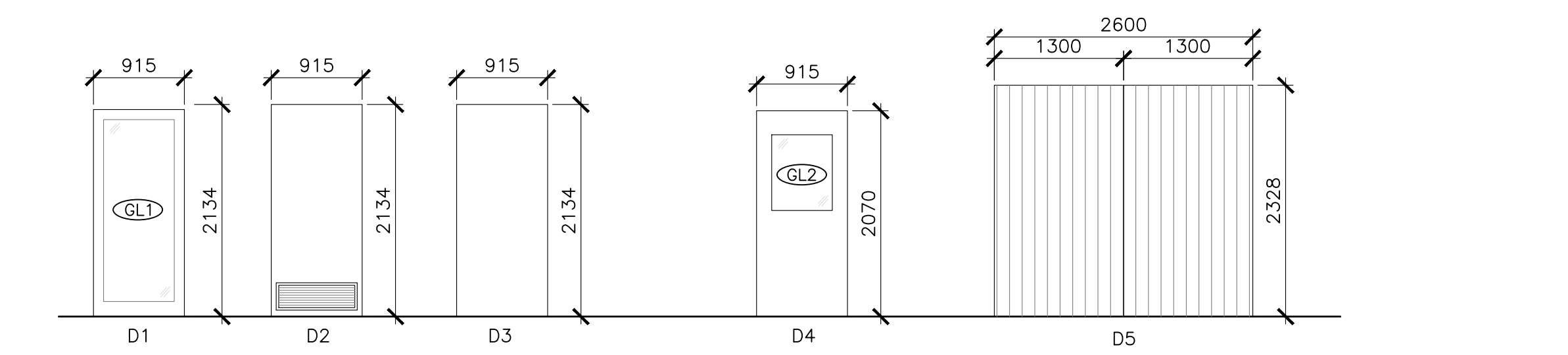
<b>FT1</b>	<b>FT1 FLOOR ASSEMBLY – TYPICAL</b>
	<ul style="list-style-type: none"> <li>FINISHED CONCRETE SLAB</li> <li>UNDER SLAB VAPOUR BARRIER</li> <li>UNDER-SLAB RIGID INSULATION, 50mm</li> <li>DRAINAGE GRAVEL</li> </ul>
<b>FT2</b>	<b>FLOOR ASSEMBLY – WASHROOMS</b>
	<ul style="list-style-type: none"> <li>SLOPED CONCRETE SLAB</li> <li>UNDER SLAB VAPOUR BARRIER</li> <li>UNDER-SLAB RIGID INSULATION, 50mm</li> <li>DRAINAGE GRAVEL</li> </ul>
<b>FT3</b>	<b>FLOOR ASSEMBLY – SHOWERS</b>
	<ul style="list-style-type: none"> <li>WATERPROOF UNDER-LAYMENT</li> <li>SLOPED CONCRETE SLAB</li> <li>UNDER SLAB VAPOUR BARRIER</li> <li>UNDER-SLAB RIGID INSULATION, 50mm</li> <li>DRAINAGE GRAVEL</li> </ul>

DOOR SCHEDULE

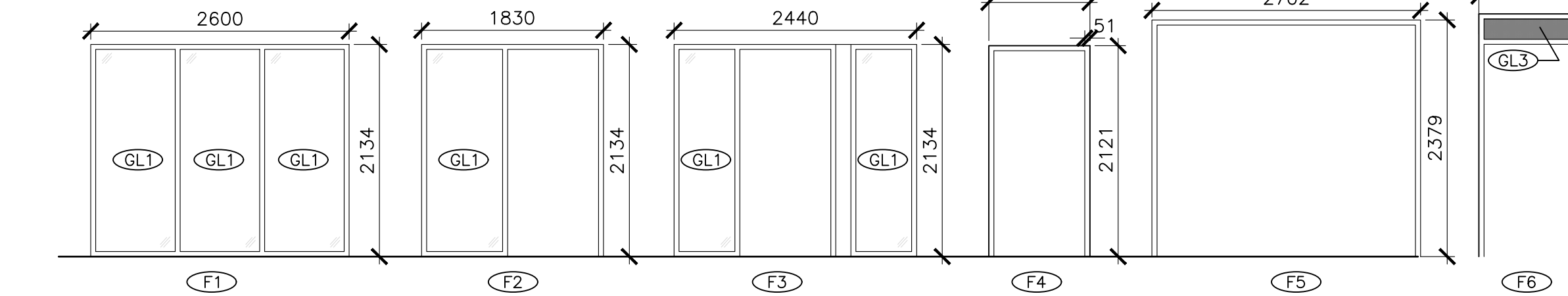
DOOR #	FROM RM#	TO RM#	FR (MIN)	WD	HGT	THK	DOOR MATERIAL	DOOR TYPE	FRAME TYPE	FRAME MATERIAL	COMMENT
D01	01	EXT	-	915mm	2134mm	44mm	AL	D1	F2	AL	ALUMINUM CURTAIN WALL ENTRANCE DOOR
D02	01	02	-	762mm	2134mm	44mm	HM	D2	F4	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D04	03	04	-	915mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D05	03	05	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D06	03	06	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D07	07	EXT	-	915mm	2134mm	44mm	AL	D1	F3	AL	ALUMINUM CURTAIN WALL ENTRANCE DOOR
D08	08	07	45	762mm	2134mm	44mm	HM	D3	F4	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME – RATED FIR 1h MECH. ROOM
D10	07	10	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D11	03	11	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D12	03	12	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D13	03	13	-	762mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D14	03	14	-	915mm	2134mm	44mm	HM	D2	F6	HM	INSULATED METAL DOOR / PRESSED STEEL FRAME
D15	15	EXT	-	915mm	2070mm	57mm	HM	D4	F4	HM	
D15	15	EXT	-	915mm	2070mm	57mm	HM	D4	F4	HM	
D16	16	15	-	2600mm	2328mm	38mm	WD	D5	F5	WD	CUSTOM WOOD DOOR CONSTRUCTION ON A-601
D17	17	15	-	2600mm	2328mm	38mm	WD	D5	F5	WD	CUSTOM WOOD DOOR CONSTRUCTION ON A-601

NOTE: SEE FLOOR PLAN FOR DOOR SWING  
SEE A-102 FOR BATTERY OPERATOR LOCATIONS

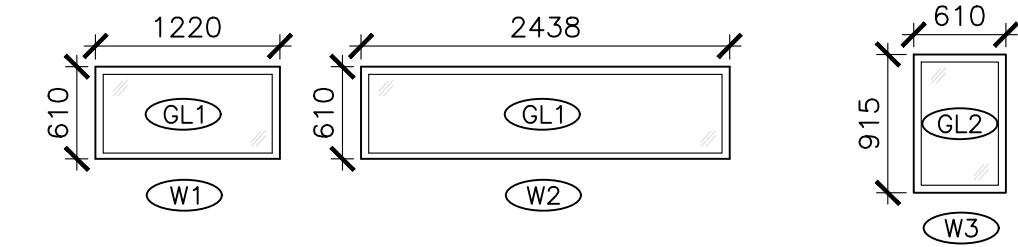
DOOR SCHEDULE



FRAME SCHEDULE



WINDOW SCHEDULE			
SYMBOL	WIDTH	HEIGHT	DESCRIPTION
W1	1220mm	610mm	ALUMINUM WINDOW – FIXED
W2	2438mm	915mm	ALUMINUM WINDOW – FIXED
W3	610mm	915mm	ALUMINUM WINDOW – FIXED



NOTE: CONTRACTOR TO MEASURE ON-SITE – ADJUST FOR FRAME ROUGH OPENINGS AND COORDINATE WITH WINDOW MANUFACTURER FOR WINDOW SIZING PRIOR TO SUBMITTING SHOP DRAWINGS

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	WALLS				FLOOR	BASE	CEILING	COMMENTS
		NORTH	EAST	SOUTH	WEST				
01	ENTRY	--	PT	PT	PT	FT1	WD-1	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH
02	JANITORIAL	PT/SS	PT/SS	PT	PT	FT1	WT-B	PT	SINGLE BENT PIECE STAINLESS STEEL BACKSPLASH AT MOP SINK, UP TO 4'-0" AFF
03	CORRIDOR	PT	PT	PT	PT	FT1	WD-1	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH
04	BF SHOWER	WT1	WT1	WT1	WT1	FT1/FT2	WT-B	PT	FT1 IN CHANGE AREA/ FT2 IN SHOWER AREA ONLY
05	SHOWER	WT1	WT1	WT1	WT1	FT1/FT2	WT-B	PT	FT1 IN CHANGE AREA/ FT2 IN SHOWER AREA ONLY
06	SHOWER	WT1	WT1	WT1	WT1	FT1/FT2	WT-B	PT	FT1 IN CHANGE AREA/ FT2 IN SHOWER AREA ONLY
07	ENTRY	PT	PT	--	PT	FT1	WD-1	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH
08	MECHANICAL/ ELECTRICAL	PT	PT	PT	PT	CS	WD-1	PT	
09	WASH SHELTER	--	--	--	--	CS	--	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH
10	W/C	WT1	WT1	WT1	WT1	FT1	WT-B	PT	
11	W/C	WT1	WT1	WT1	WT1	FT1	WT-B	PT	
12	W/C	WT1	WT1	WT1	WT1	FT1	WT-B	PT	
13	W/C	WT1	WT1	WT1	WT1	FT1	WT-B	PT	
14	BF W/C & SHOWER	WT1	WT1	WT1	WT1	FT1/FT2	WT-B	PT	FT1 IN CHANGE AREA & W/C / FT2 IN SHOWER AREA ONLY
15	KITCHEN SHELTER	--	--	--	--	CS	WD-2	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH. WD-2 BASE AT WALLS WITHOUT CONCRETE CURB.
16	STORAGE	--	--	--	--	CS	WD-2	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH. WD-2 BASE AT WALLS WITHOUT CONCRETE CURB.
17	STORAGE	--	--	--	--	CS	WD-2	WD-ST	CEILING TO BE EASTERN WHITE CEDAR WITH CLEAR COAT VARNISH. WD-2 BASE AT WALLS WITHOUT CONCRETE CURB.

ABBREVIATIONS LEGEND

**WALL FINISHES**  
PT PAINT  
SS STAINLESS STEEL  
WT1 WALL TILE TYPE 1 – 300x600

**FLOOR FINISHES**  
FT1 FLOOR TILE TYPE 1 – 300x600  
FT2 FLOOR TILE TYPE 2 – 50x50  
CS CONCRETE SEALANT

**BASEBOARD FINISHES**  
WD-1 WOOD – 1x4" HIGH PAINTED HARDWOOD  
WD-2 WOOD – 1x8" HIGH PAINTED HARDWOOD  
WT-B WALL TILE TO EXTEND TO FLOOR

**CEILING FINISHES**  
WD-ST WOOD WITH STAIN  
PT PAINT



0	ISSUED FOR TENDER	07/11/2019
revisions		date

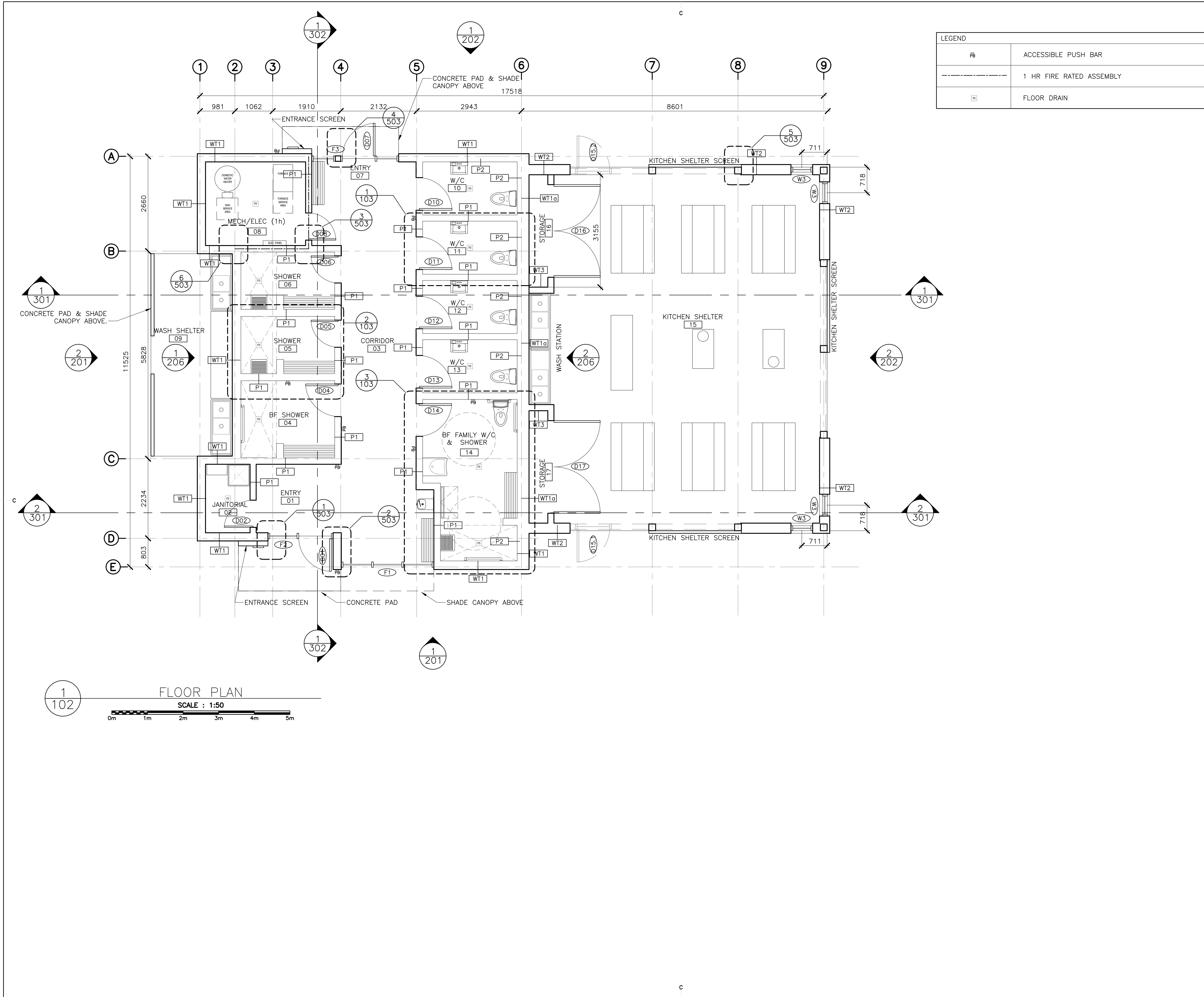
project

**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

NOTES & SCHEDULES

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-101	no. du dessin





LEGEND	
	ACCESSIBLE PUSH BAR
	1 HR FIRE RATED ASSEMBLY
	FLOOR DRAIN



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project: KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2

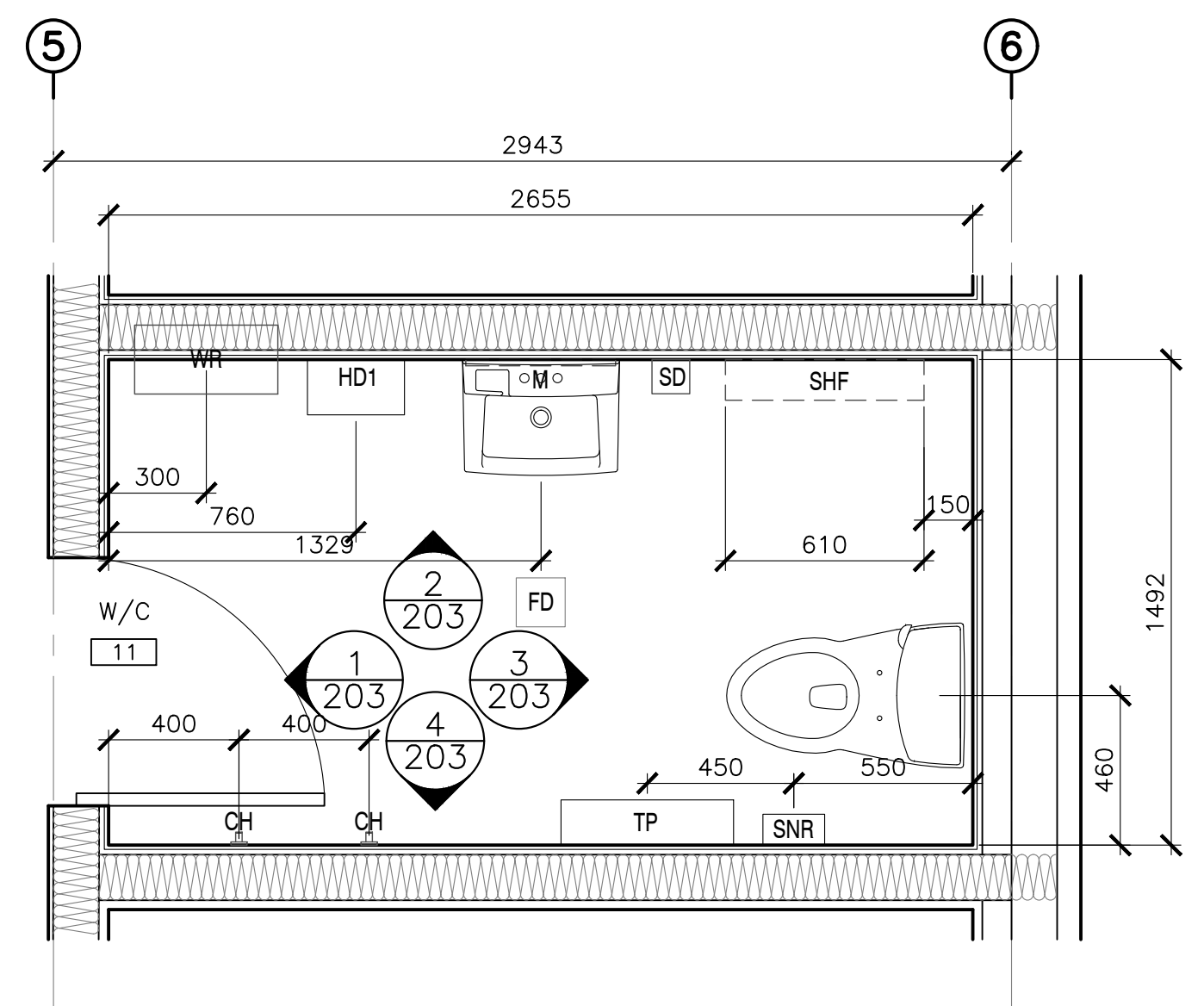
drawing: FLOOR PLAN

designed: BH/JB/CC  
 date: 02/01/2019  
 drawn: BH/JB/CC  
 date: 02/25/2019

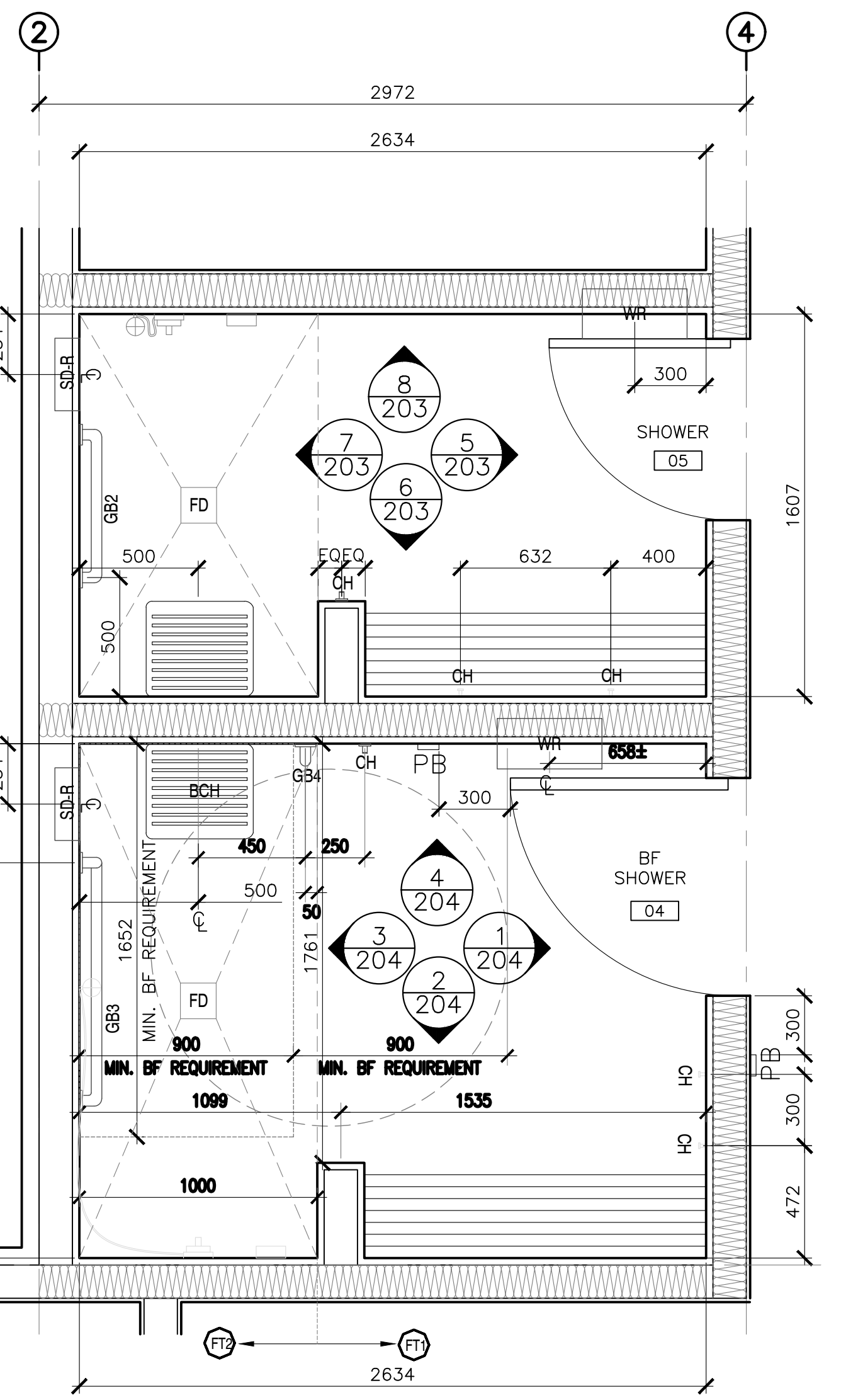
Tender: JOHN O'NEIL  
 Project Manager: Administrateur de projets

project number: 954

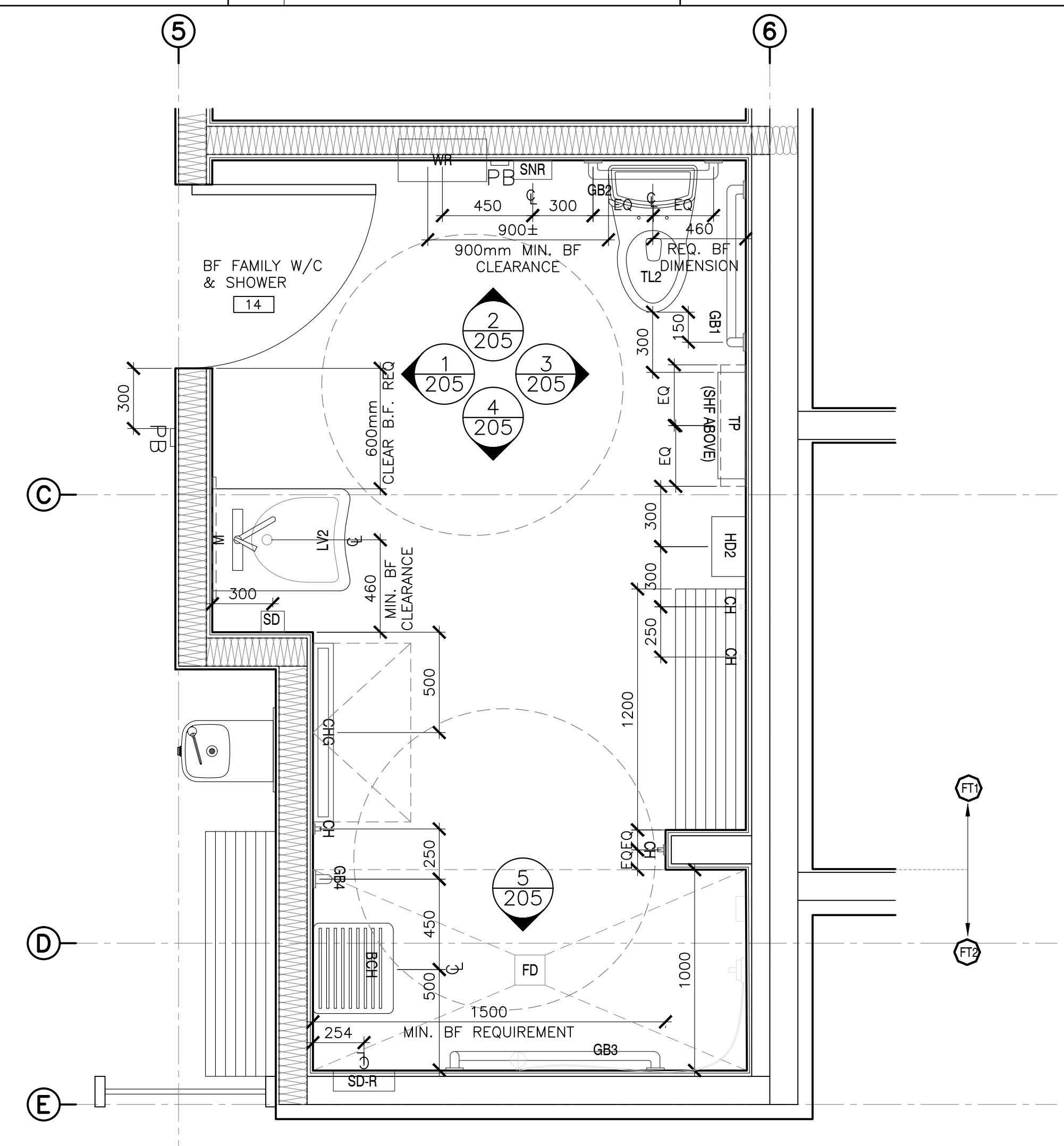
drawing no.: A-102



1  
103  
TYPICAL WATER CLOSET  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



2  
103  
TYPICAL SHOWER ROOM  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



3  
103  
BF FAMILY W/C & SHOWER  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm

WASHROOM & SHOWER ACCESSORIES LEGEND  
REFER ALSO TO FULL SPECIFICATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
M	<b>WALL MIRROR</b> 610mm X 1220 X 19mm ONE-PIECE ROLL FORMED CONSTRUCTION CONCEALED MOUNTING TEMPERED GLASS CENTERED ON SINK BELOW 1000mm AFF MOUNTING HEIGHT FOR BARRIER FREE WASHROOMS (ROOMS 05,08)	GB4	<b>VERTICAL SHOWER GRAB BAR - 1220mm</b> 1000mm MIN. WIDTH SURFACE MOUNT STAINLESS STEEL, SATIN FINISH MOUNTED 600mm AFF MOUNTED 50mm FROM SHOWER ENTRANCE	BCH	<b>BENCH - FOLDING, BARRIER FREE</b> 450mm X 400mm MIN. DIMENSIONS STAINLESS STEEL FRAME C/W SOLID PHENOLIC SEAT, IVORY 460mm AFF MOUNTING HEIGHT
SD	<b>SOAP DISPENSER</b> 108mmW X 242mmH X 268mmD SURFACE MOUNTED FOAM TANK MANUALLY OPERATED STAINLESS STEEL, SATIN FINISH 1100mm AFF MOUNTING HEIGHT LOCATE <500mm FROM FRONT OF LAVATORY	TP	<b>TOILET PAPER DISPENSER</b> 530mmW X 290mmH X 135mmD TWIN JUMBO ROLL HOLDER SURFACE MOUNTED STAINLESS STEEL, SATIN FINISH EDGE OF DISPENSER MOUNTED 300mm FROM FRONT OF WATER CLOSET 600mm AFF MOUNTING HEIGHT	HD1	<b>HAND DRYER</b> SURFACE MOUNT 322mmH X 298mmW x 170mmD BRUSHED STAINLESS STEEL 889mm AFF MOUNTING HEIGHT FOR BF
WR	<b>WASTE RECEPTACLE</b> 405mmW X 745mmH X 100mmD RECESSED MOUNT STAINLESS STEEL, SATIN FINISH 1220mm AFF TYPICAL MOUNTING HEIGHT BF	SNR	<b>FEMININE NAPKIN DISPOSAL BIN</b> 190mmW X 250mmH X 95mmD SURFACE MOUNTED STAINLESS STEEL, SATIN FINISH	HD2	<b>HAND DRYER, BARRIER FREE</b> RECESSED 512.8mmH X 242.6mmW x 181mmD STAINLESS STEEL 889mm AFF MOUNTING HEIGHT FOR BF
GB1	<b>90° GRAB BAR - 762mm</b> 762mm HORIZONTAL & VERTICALS SURFACE MOUNT STAINLESS STEEL, SATIN FINISH HORIZONTAL MOUNTED 840mm AFF VERTICAL MOUNTED 150mm FROM FRONT OF WATER CLOSET	SHF	<b>WALL SHELF</b> 610mmW X 125mmD SURFACE MOUNTED STAINLESS STEEL, SATIN FINISH 1200mm AFF MOUNTING HEIGHT	SD-R	<b>SOAP DISH - RECESSED, BARRIER FREE</b> LARGE / TO ACCOMMODATE SOAP AND SHAMPOO BOTTLE 159mmW X 160mmH X 48mmD STAINLESS STEEL, SATIN FINISH MOUNTING HEIGHT FOR BF
GB2	<b>HORIZONTAL GRAB BAR - 610mm</b> 600mm MIN. WIDTH SURFACE MOUNT STAINLESS STEEL, SATIN FINISH MOUNTED 840mm AFF CENTERED ON WATER CLOSET	CH	<b>COAT HOOKS - SINGLE ROBE HOOK</b> 50mm X 50mm FLANGE 40mm X 20mm HOOK MAX. 50mm PROJECTION FROM WALL 1500mm AFF TYPICAL MOUNTING HEIGHT 1200mm AFF MOUNTING HEIGHT FOR BARRIER FREE WASHROOMS (ROOMS 05,08) SURFACE MOUNTED STAINLESS STEEL, SATIN FINISH	<b>GENERAL NOTE:</b>	
GB3	<b>90° SHOWER GRAB BAR L-SHAPED</b> 1000mm MIN. HORIZONTAL & 750mm MIN. VERTICAL SURFACE MOUNT STAINLESS STEEL, SATIN FINISH HORIZONTAL MOUNTED 840mm AFF VERTICAL MOUNTED 500mm FROM ADJACENT WALL	CHG	<b>BABY CHANGING STATION</b> 892mm X 102mmD X 508mmH HORIZONTAL SURFACE MOUNTED BF 838mm AFF (TOP OF THE CHANGING SURFACE) MOUNTING HEIGHT POLYPROPYLENE WITH STEEL CHASSIS	<ol style="list-style-type: none"> <li>ALL BARRIER FREE WASHROOM/SHOWER RM EQUIPMENT AND FIXTURES TO BE MOUNTED ACCORDING TO BARRIER FREE STANDARDS (NBC CANADA, CAN/CSA-B651-17)</li> <li>CONTRACTOR TO PROVIDE ADEQUATE BLOCKING FOR ALL WALL MOUNTING EQUIPMENT AND FIXTURES.</li> <li>ALL NON BARRIER FREE WASHROOM, EXCLUDING THE FAMILY WR, TO HAVE TYPICAL MOUNTING HEIGHTS (FOR ALL FIXTURES, ACCESSORIES), PER MANUFACTURER'S RECOMMENDATIONS</li> </ol>	



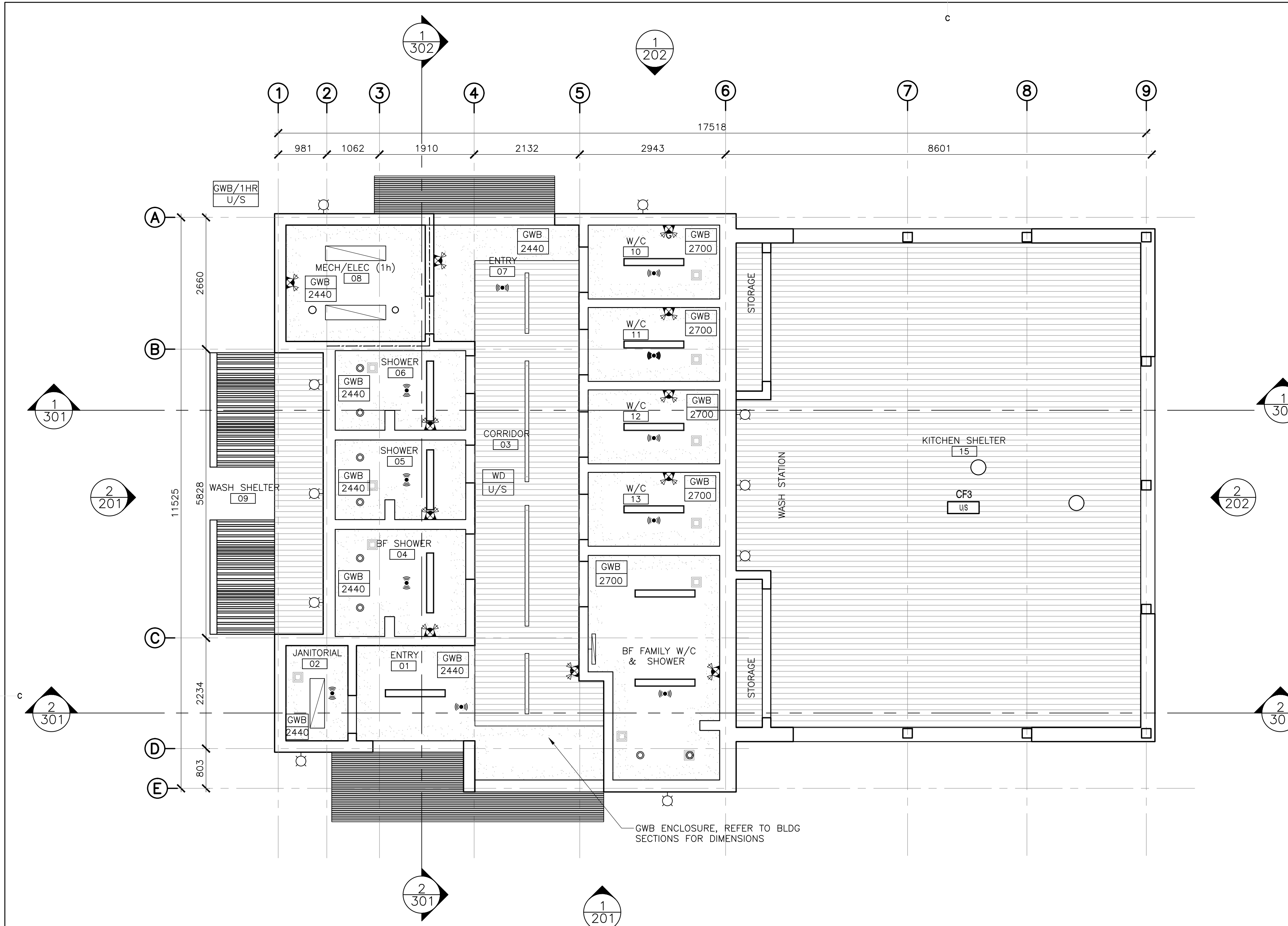
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project  
KOUCIBOUGUAC  
SERVICE BUILDING E  
954 PHASE 2

drawing  
ENLARGED PLANS

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager		Administrateur de projets
project number	954	no. du projet
drawing no.	A-103	no. du dessin





LIGHTING LEGEND (REFER TO ELECTRICAL DRAWINGS)	
	LED STRIPLIGHT - RECESSED
	LED RECESSED LIGHT - EXTERIOR LIGHT
	LED CEILING MOUNTED LIGHT
	LED STRIPLIGHT - CEILING MOUNTED, WET LOCATION MOTION SENSOR
	LED PENDANT LIGHT - CEILING MOUNTED
	LED LIGHT - WALL MOUNTED
	LED CEILING MOUNTED LIGHT
	COMBINATION EXIT/EMERGENCY LIGHT
	WALL MOUNTED EXTERIOR LIGHT LED
MECHANICAL LEGEND (REFER TO MECHANICAL DRAWINGS)	
	RETURN/INTAKE
	EXHAUST FAN
MECHANICAL LEGEND (REFER TO MECHANICAL DRAWINGS)	
	GWB BULKHEAD/CEILING, PT FINISH U.N.O.; PROVIDE 2 LAYERS GWB TO MAINTAIN 1 HR FIRE SEPARATION WHERE INDICATED
	WHITE CEDAR CEILING/SOFFIT W/ 6mm GAP B/T BOARDS; EXTERIOR CEILINGS TO INC. BLACK INSECT SCREEN BELOW STRAPPING
	RED CEDAR TRELLIS
	1 HR FIRE RATED ASSEMBLY

1  
104 REFLECTED CEILING PLAN  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2

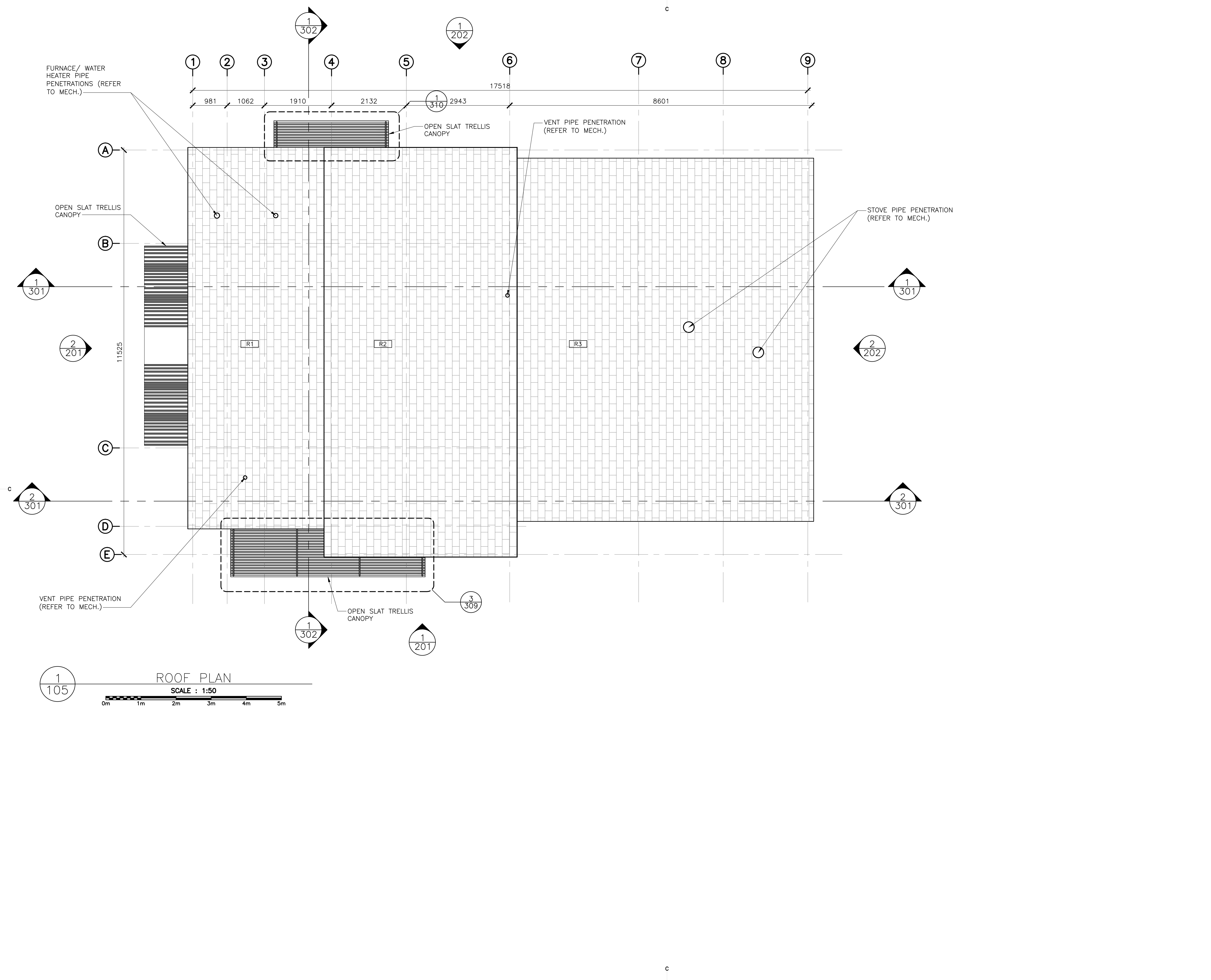
drawing REFLECTED CEILING PLAN

designed BH/JB/CC  
date 02/01/2019  
drawn BH/JB/CC  
date 02/25/2019

Tender JOHN O'NEIL  
Project Manager Administrateur de projets

project number 954

drawing no. A-104



0	ISSUED FOR TENDER	07/11/2019
revisions		date

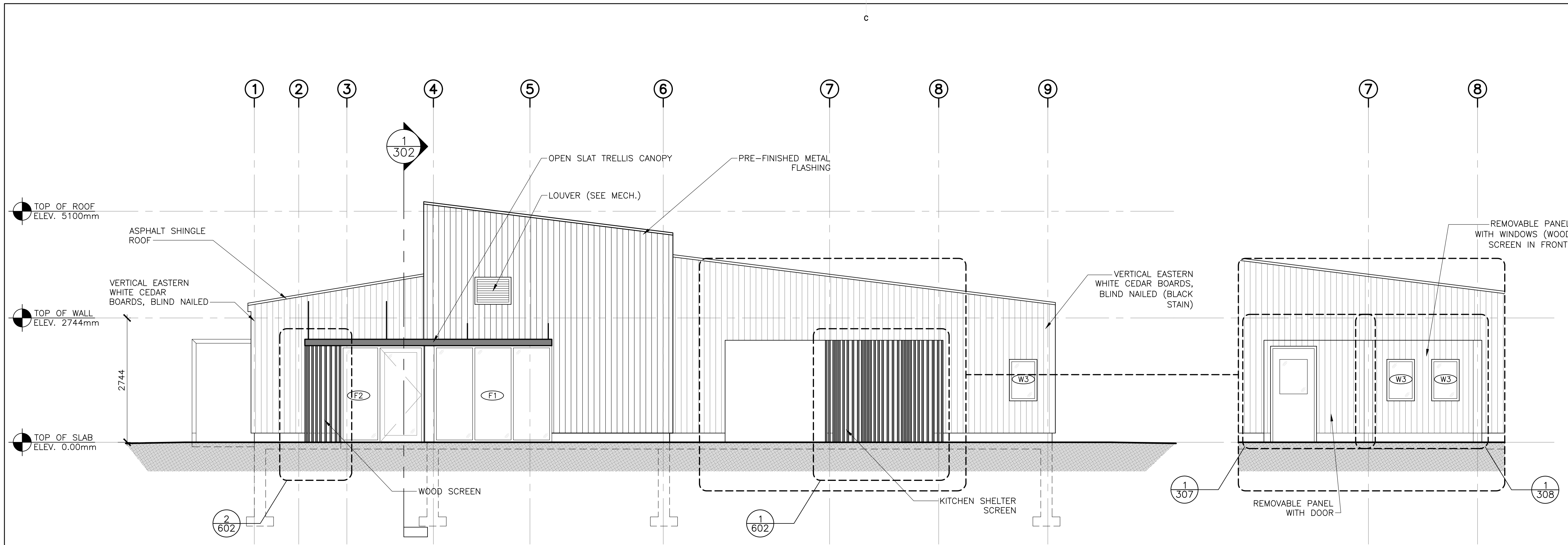
project projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing dessin  
**ROOF PLAN**

designed BH/JB/CC conçu  
 date 02/01/2019  
 drawn BH/JB/CC dessiné  
 date 02/25/2019  
 approved approuvé

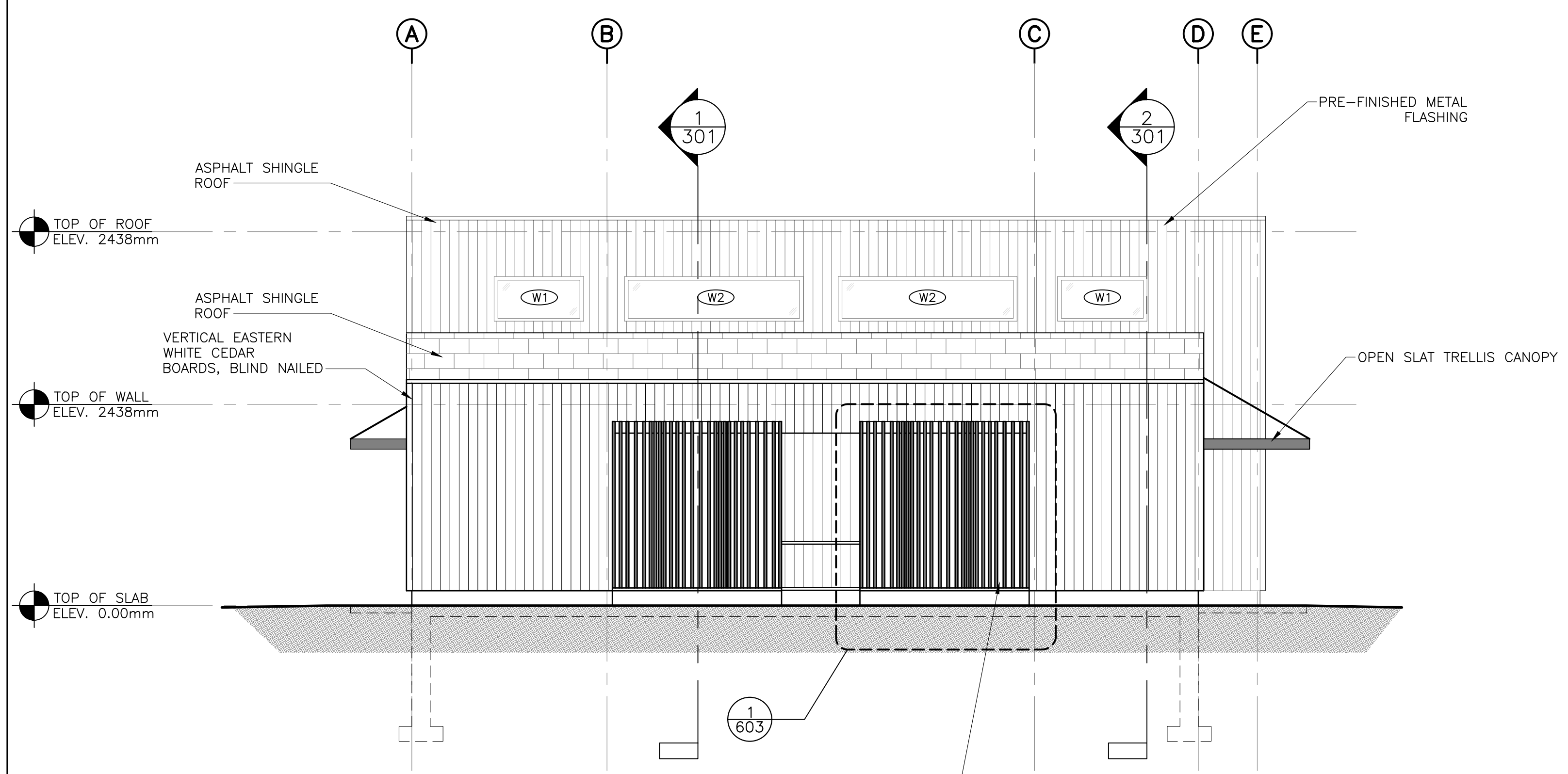
Tender Soumission  
**JOHN O'NEIL**  
 Project Manager Administrateur de projets  
 project number no. du projet  
**954**  
 drawing no. no. du dessin  
**A-105**





1  
201  
BUILDING FRONT ELEVATION  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m

ELEVATION W/ REMOVABLE PANELS  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



2  
201  
BUILDING LEFT ELEVATION  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
KOUCHIBOUGUAC  
SERVICE BUILDING E  
954 PHASE 2

drawing / dessin  
BUILDING ELEVATIONS

designed / conçu  
BH/JB/CC  
date 02/01/2019  
drawn / dessiné  
BH/JB/CC  
date 02/25/2019  
approved / approuvé

date / Soumission  
Tender / Project Manager  
JOHN O'NEIL / Administrateur de projets  
project number / no. du projet  
954  
drawing no. / no. du dessin  
A-201



0	ISSUED FOR TENDER	07/11/2019
revisions		date

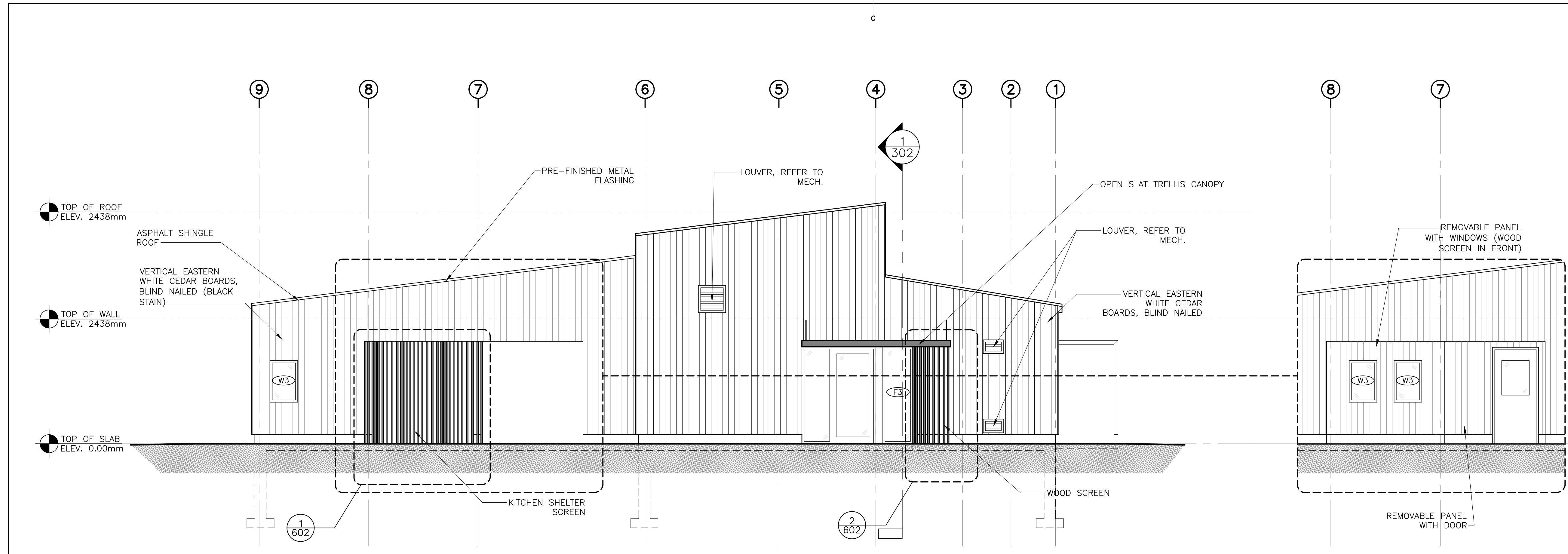
project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**BUILDING ELEVATIONS**

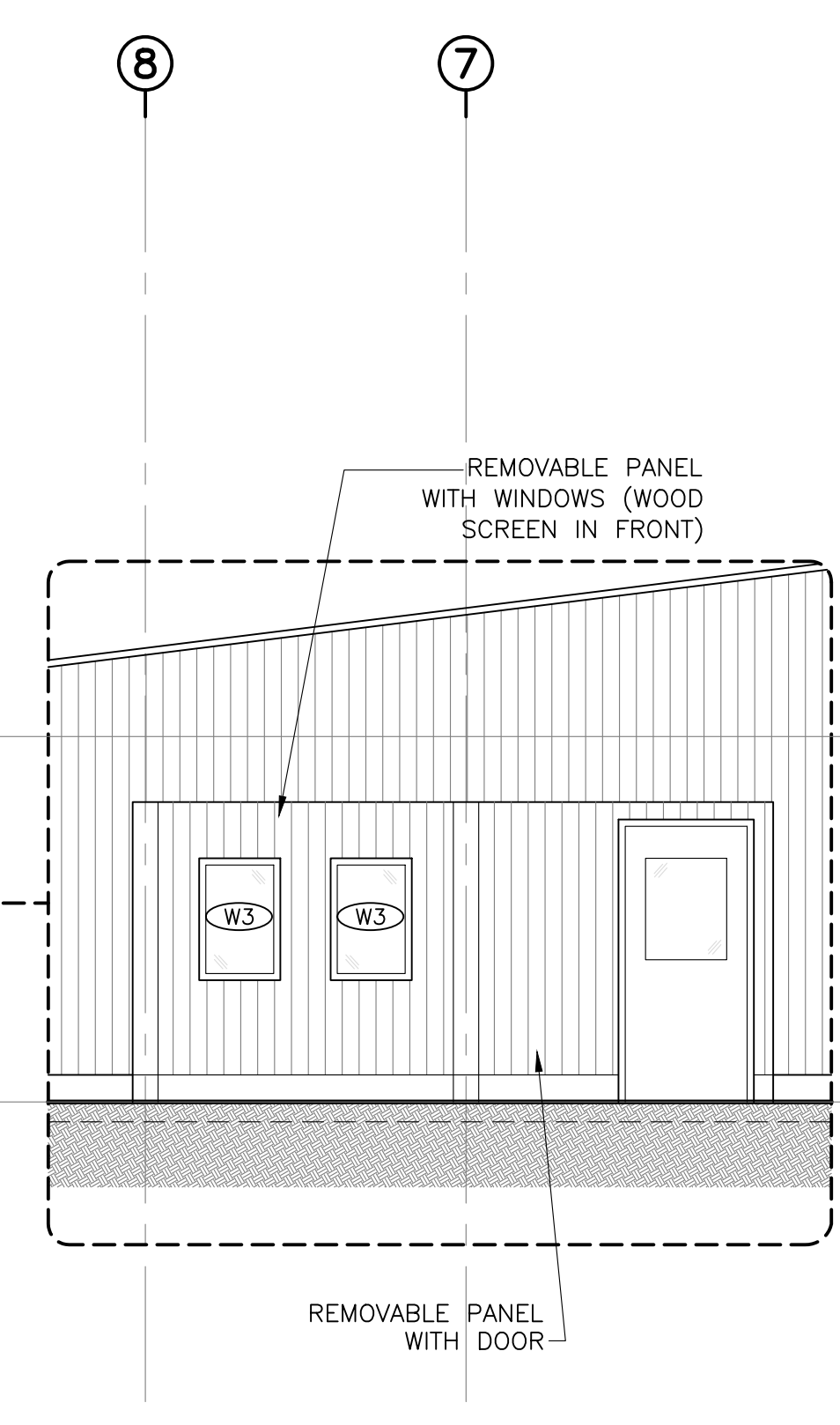
designed / conçu: **BH/JB/CC**  
date: **02/01/2019**  
drawn / dessiné: **BH/JB/CC**  
date: **02/25/2019**

Tender / Soumission: **JOHN O'NEIL**  
Project Manager / Administrateur de projets  
project number / no. du projet: **954**

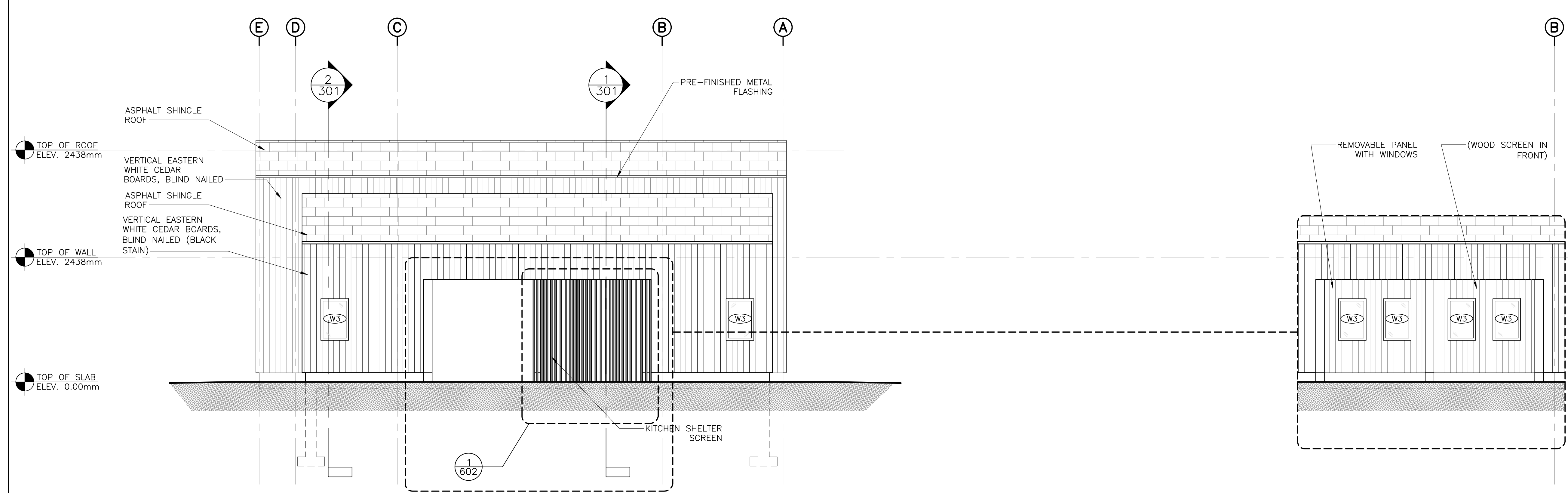
drawing no. / no. du dessin: **A-202**



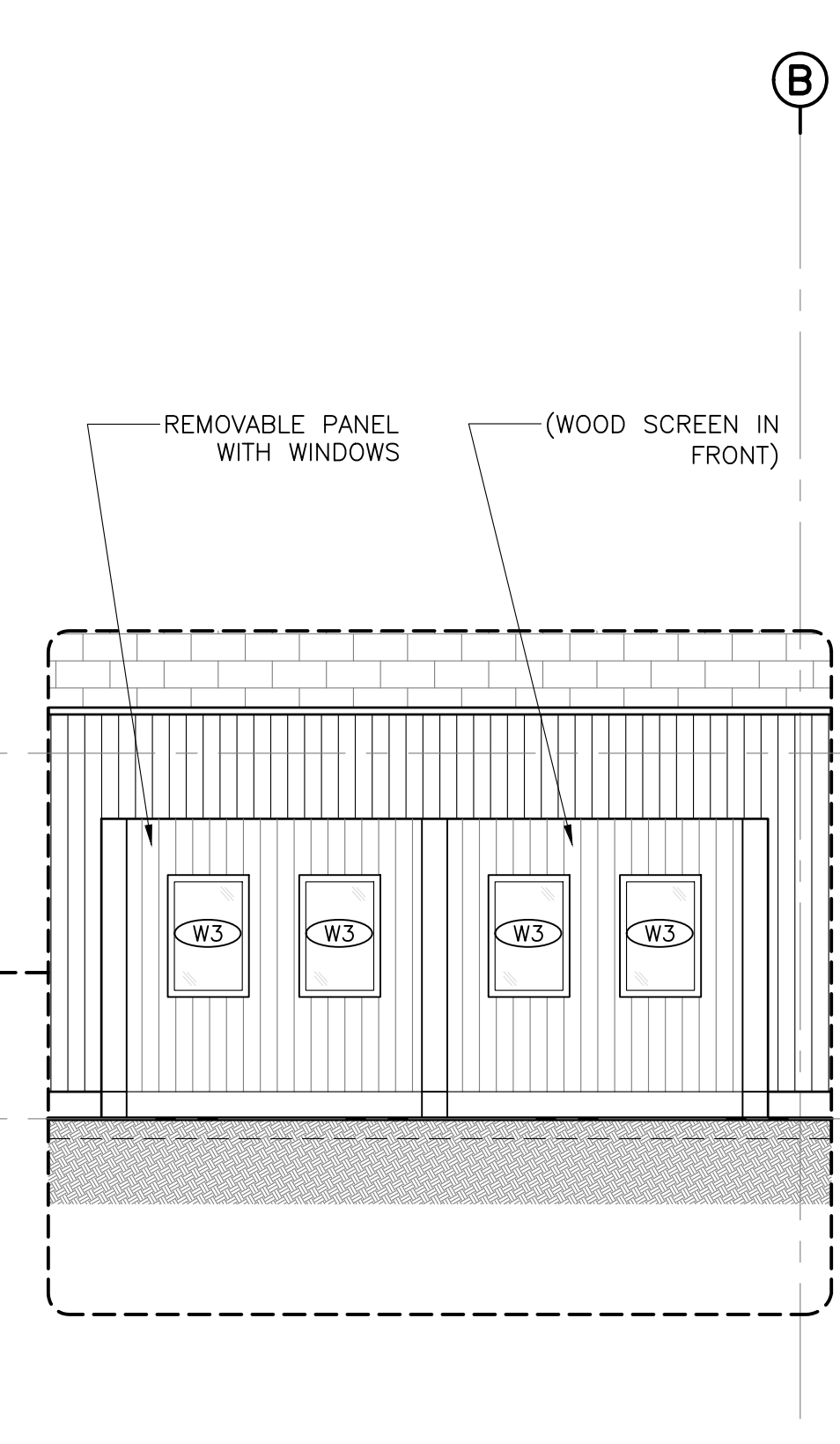
**1**  
**202**  
**BUILDING REAR ELEVATION**  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



**ELEVATION W/ REMOVABLE PANELS**  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m

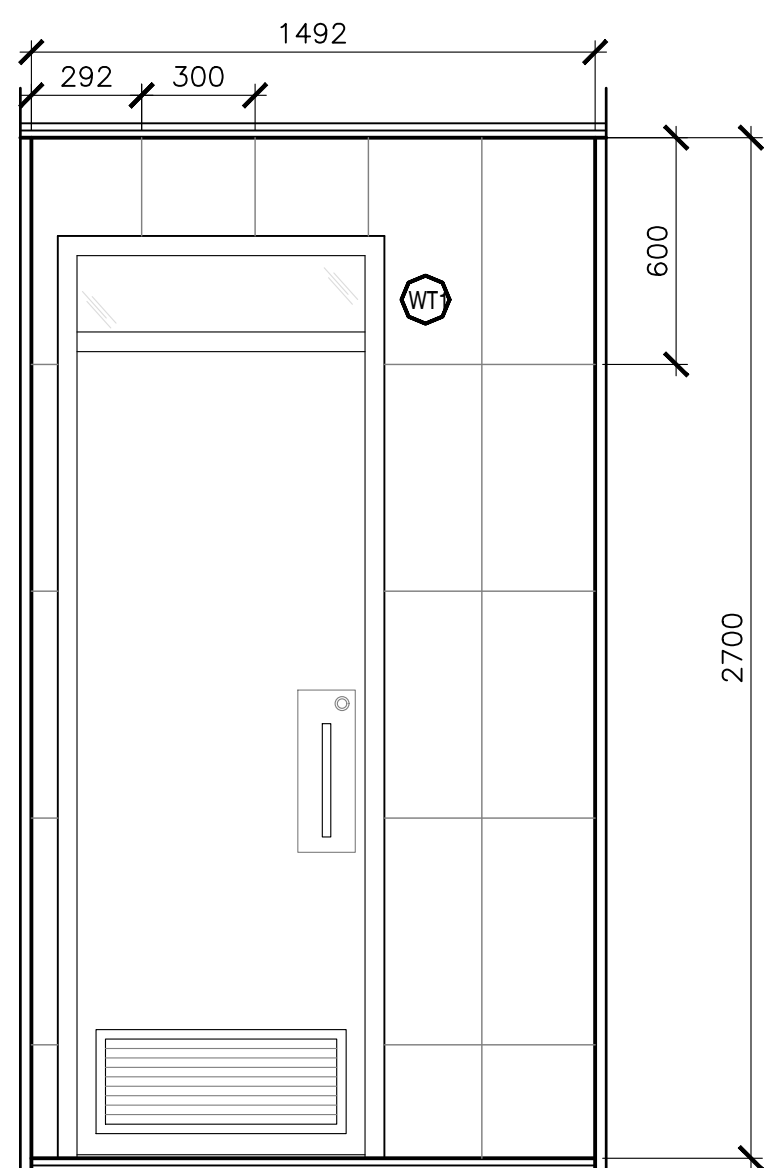


**2**  
**202**  
**BUILDING RIGHT ELEVATION**  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m

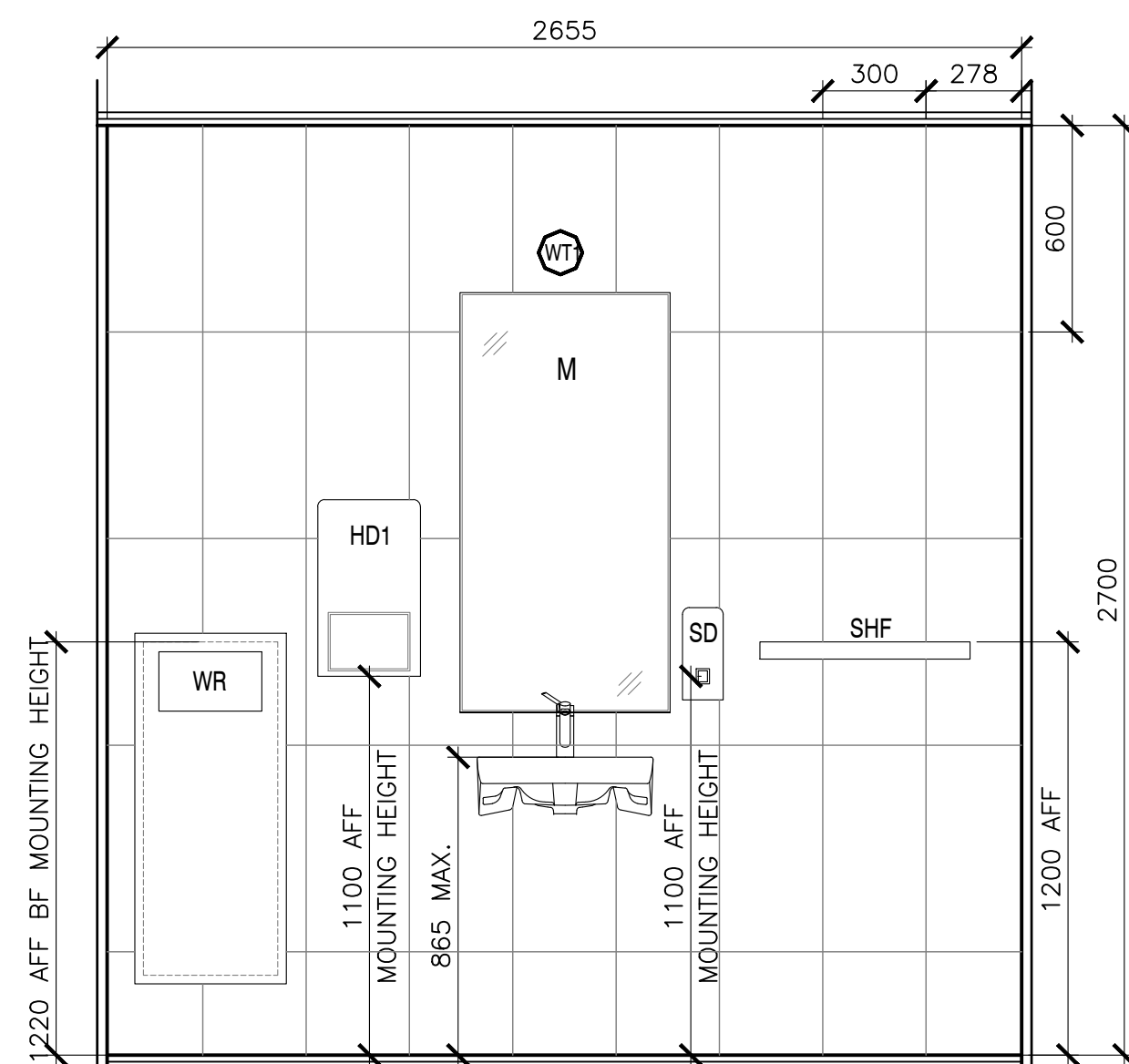


**ELEVATION W/ REMOVABLE PANELS**  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m

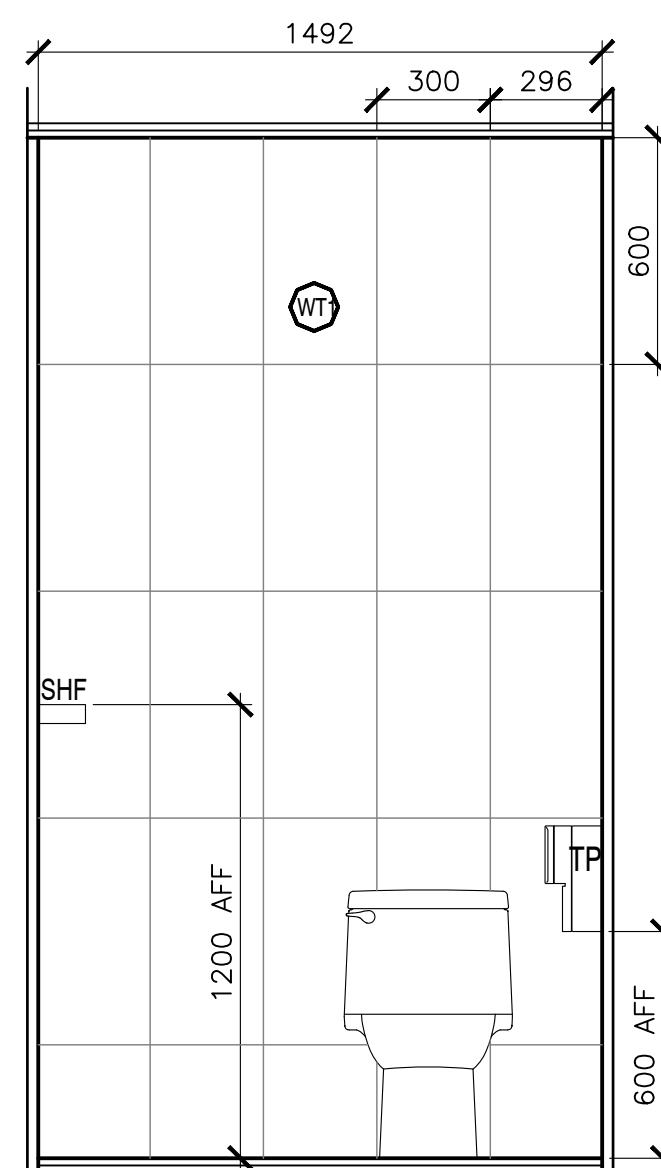




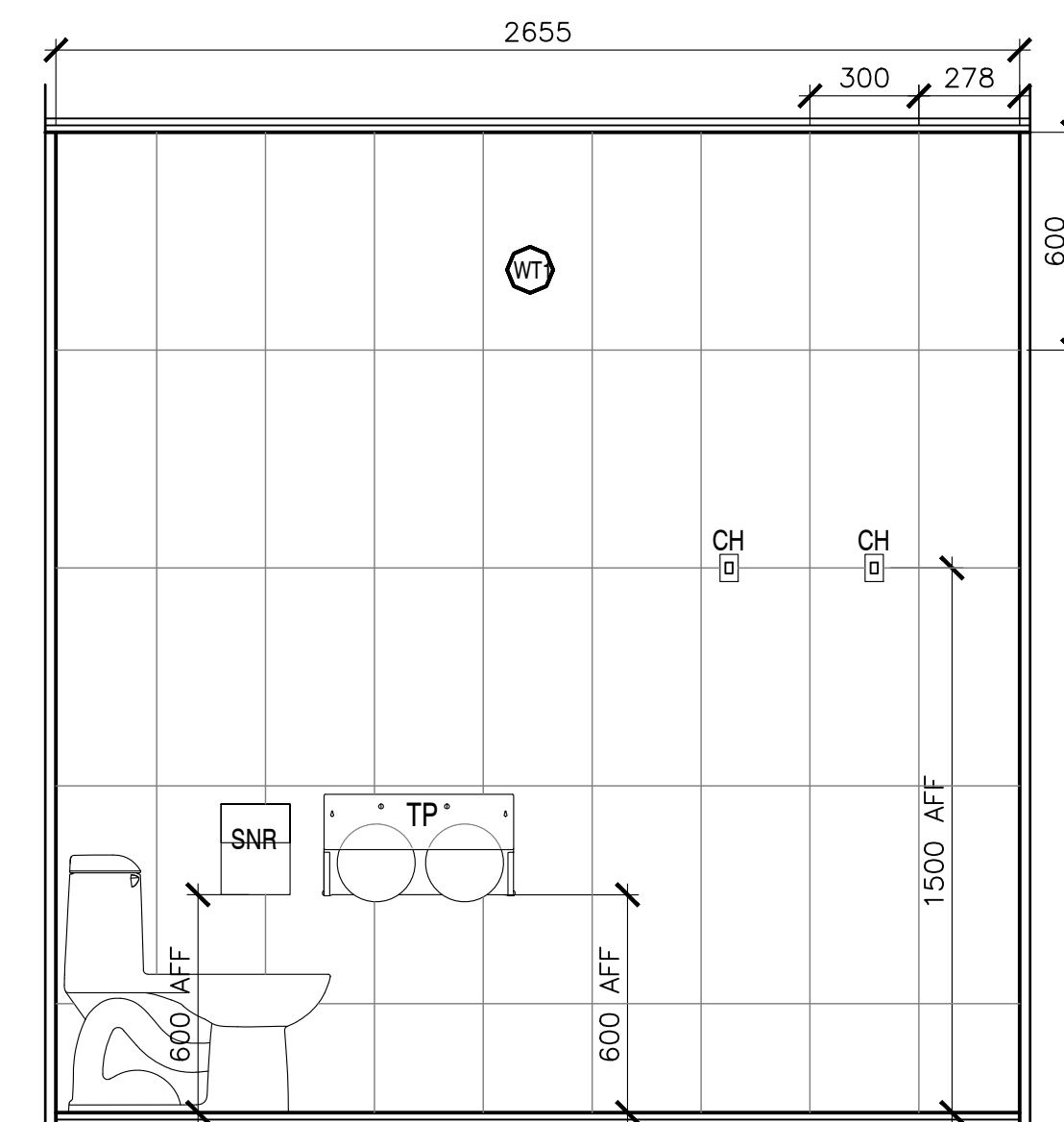
1  
203 TYP. W/C-INTER.ELEVATION 1  
SCALE : 1:20



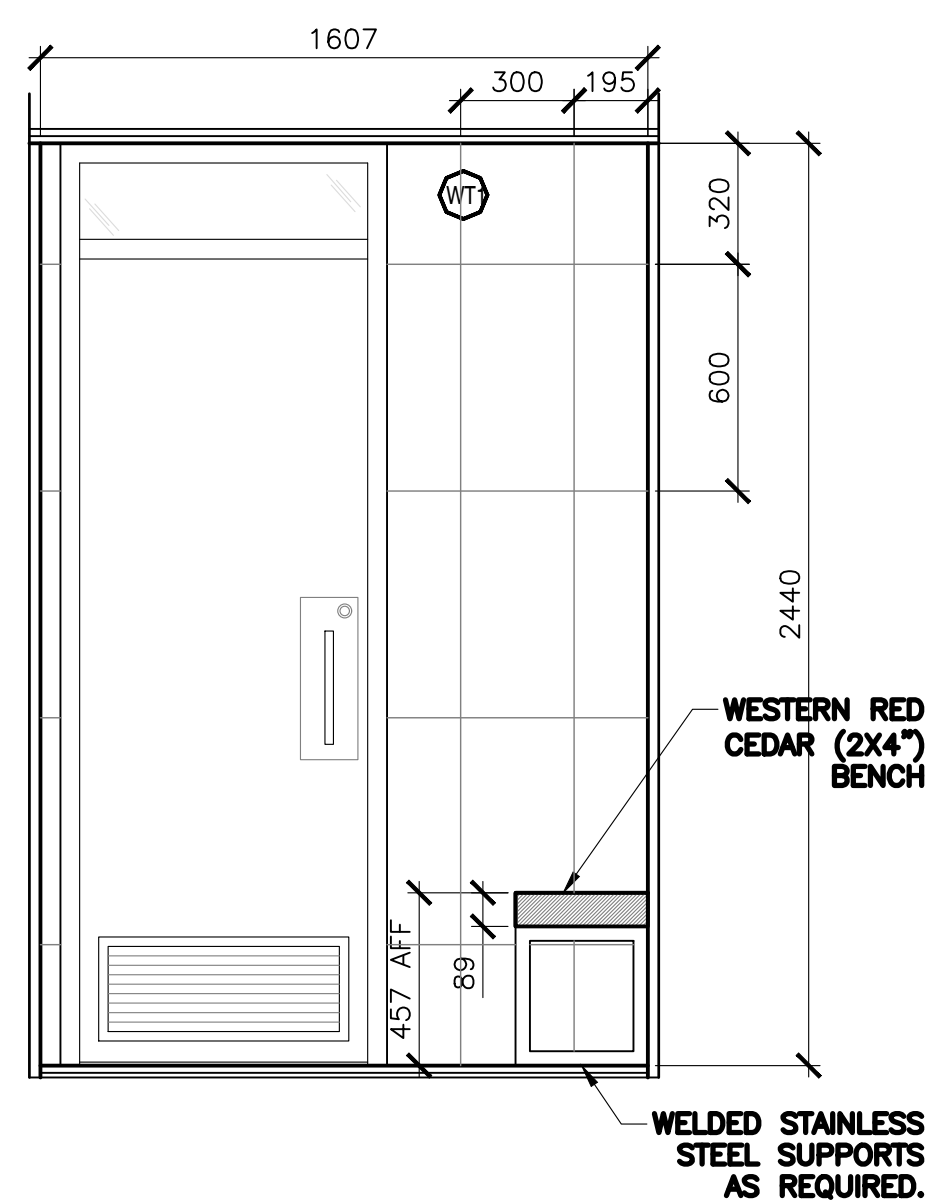
2  
203 TYP. W/C-INTER.ELEVATION 2  
SCALE : 1:20



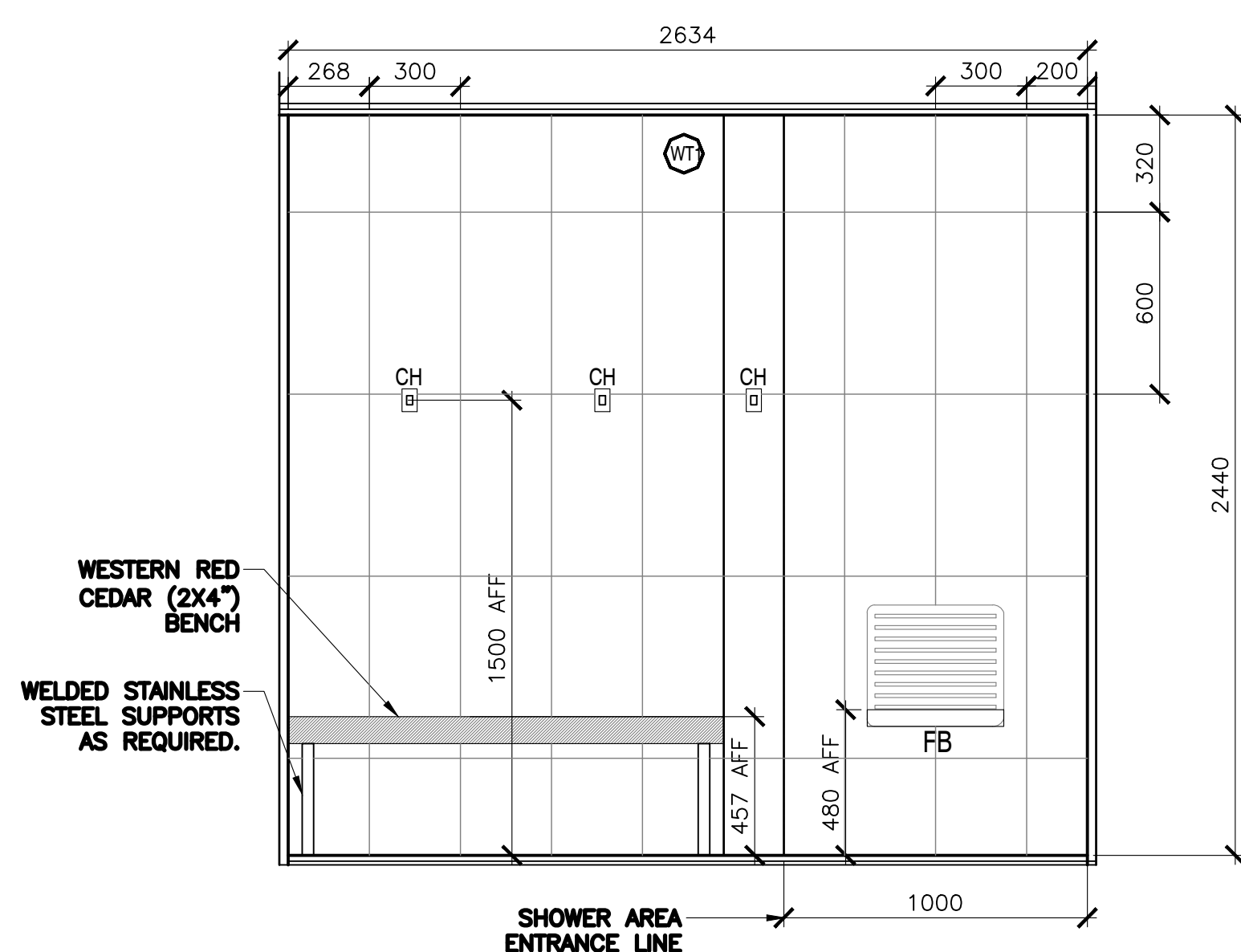
3  
203 TYP. W/C-INTER.ELEVATION 3  
SCALE : 1:20



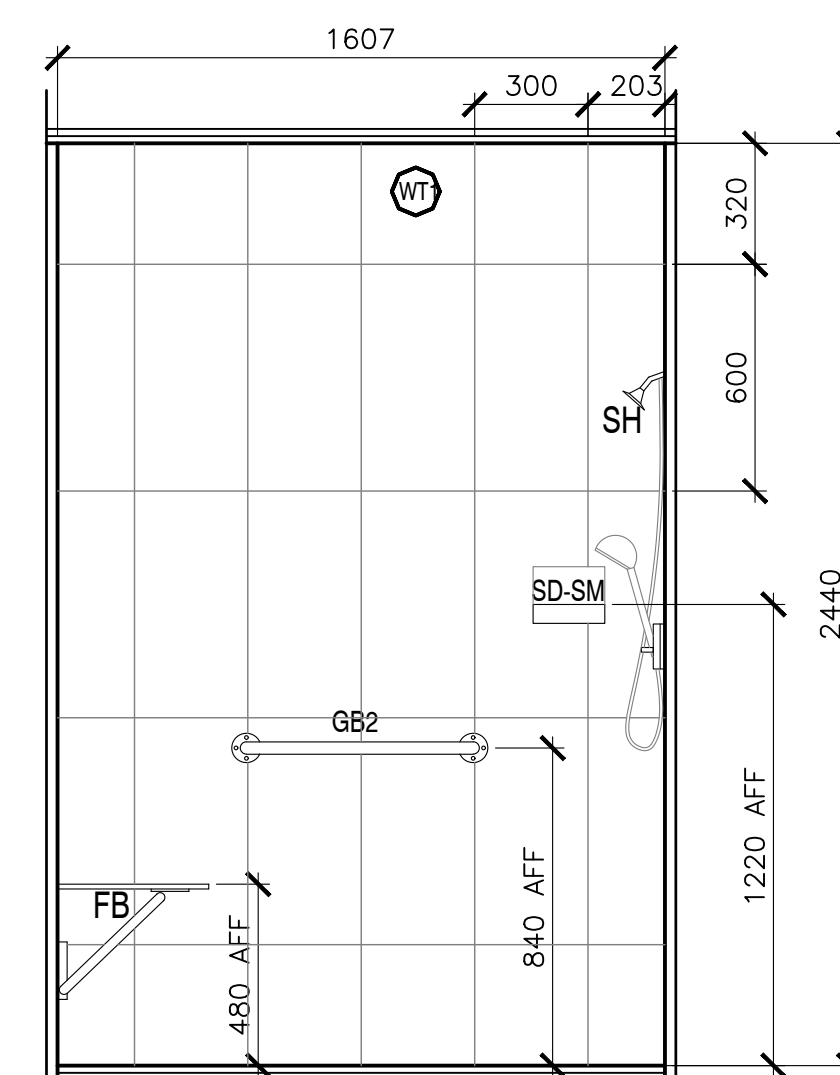
4  
203 TYP. W/C-INTER.ELEVATION 4  
SCALE : 1:20



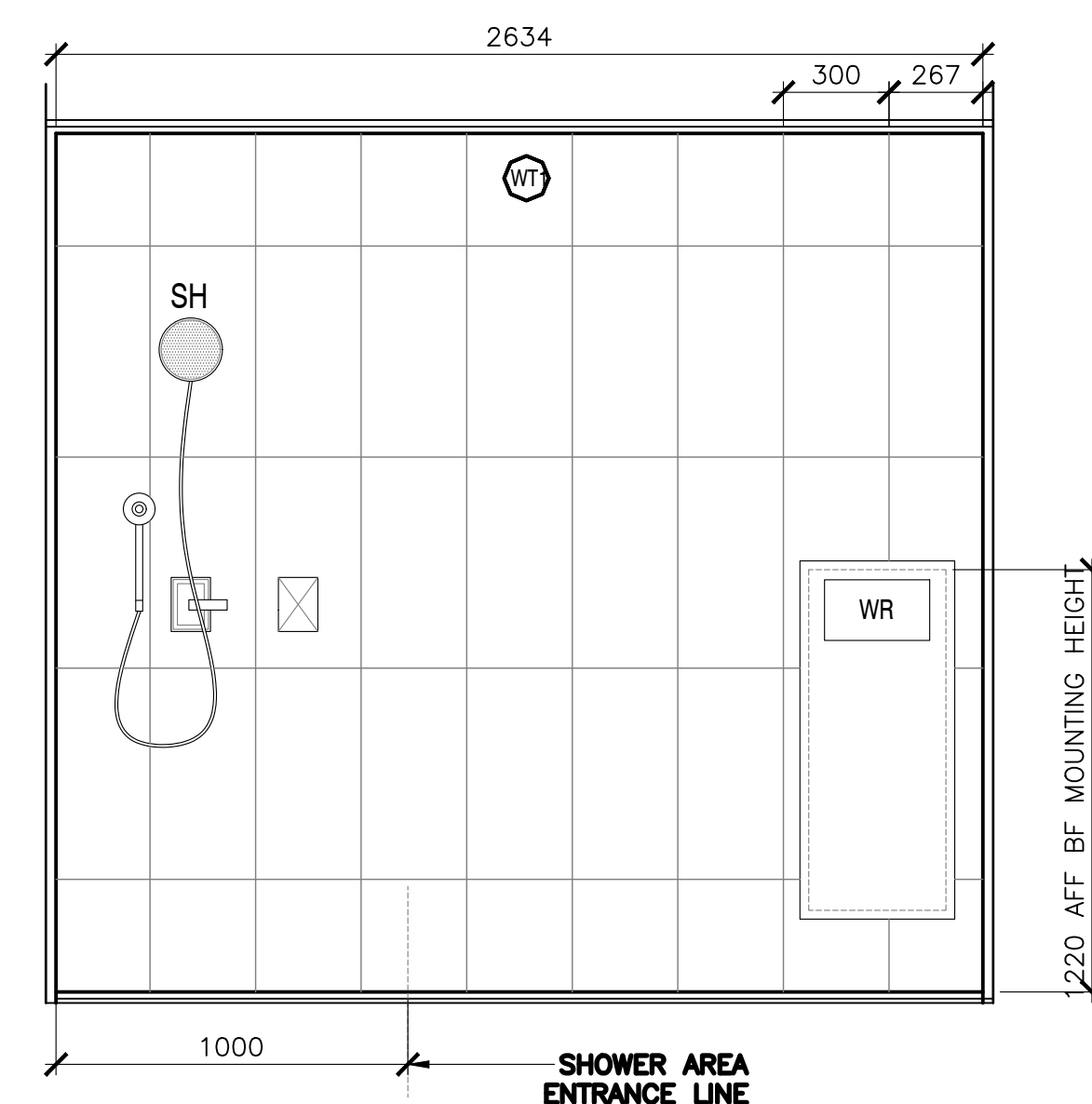
5  
203 TYP. SHOWER RM-INTER.ELEVATION 1  
SCALE : 1:20



6  
203 TYP. SHOWER RM-INTER.ELEVATION 2  
SCALE : 1:20



7  
203 TYP. SHOWER RM-INTER.ELEVATION 3  
SCALE : 1:20



8  
203 TYP. SHOWER RM-INTER.ELEVATION 4  
SCALE : 1:20



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project  
 KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2

drawing  
 INTERIOR ELEVATIONS

designed BH/JB/CC

date 02/01/2019

drawn BH/JB/CC

date 02/25/2019

approved

date

Tender JOHN O'NEIL

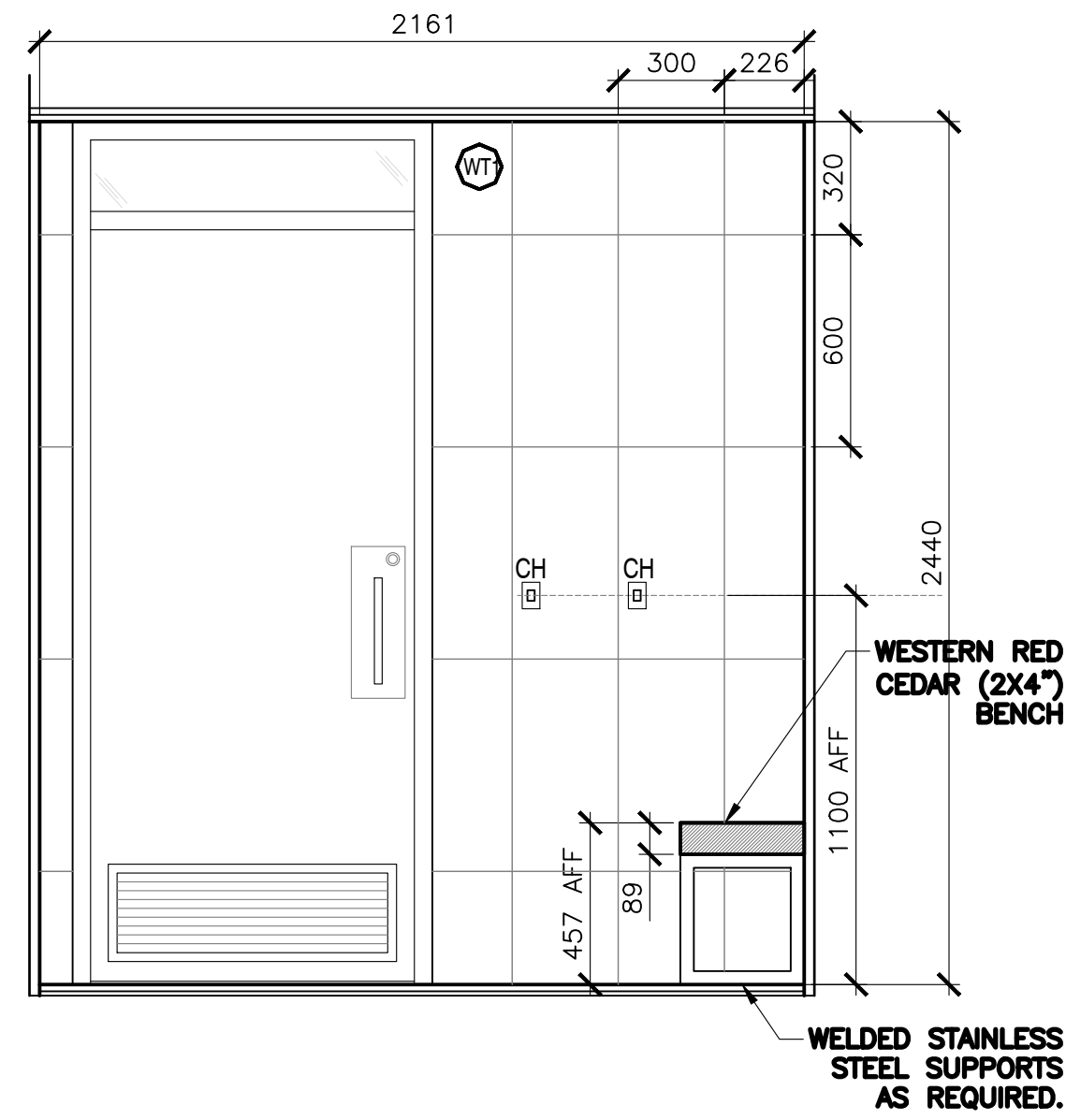
Project Manager Administrateur de projets

project number 954

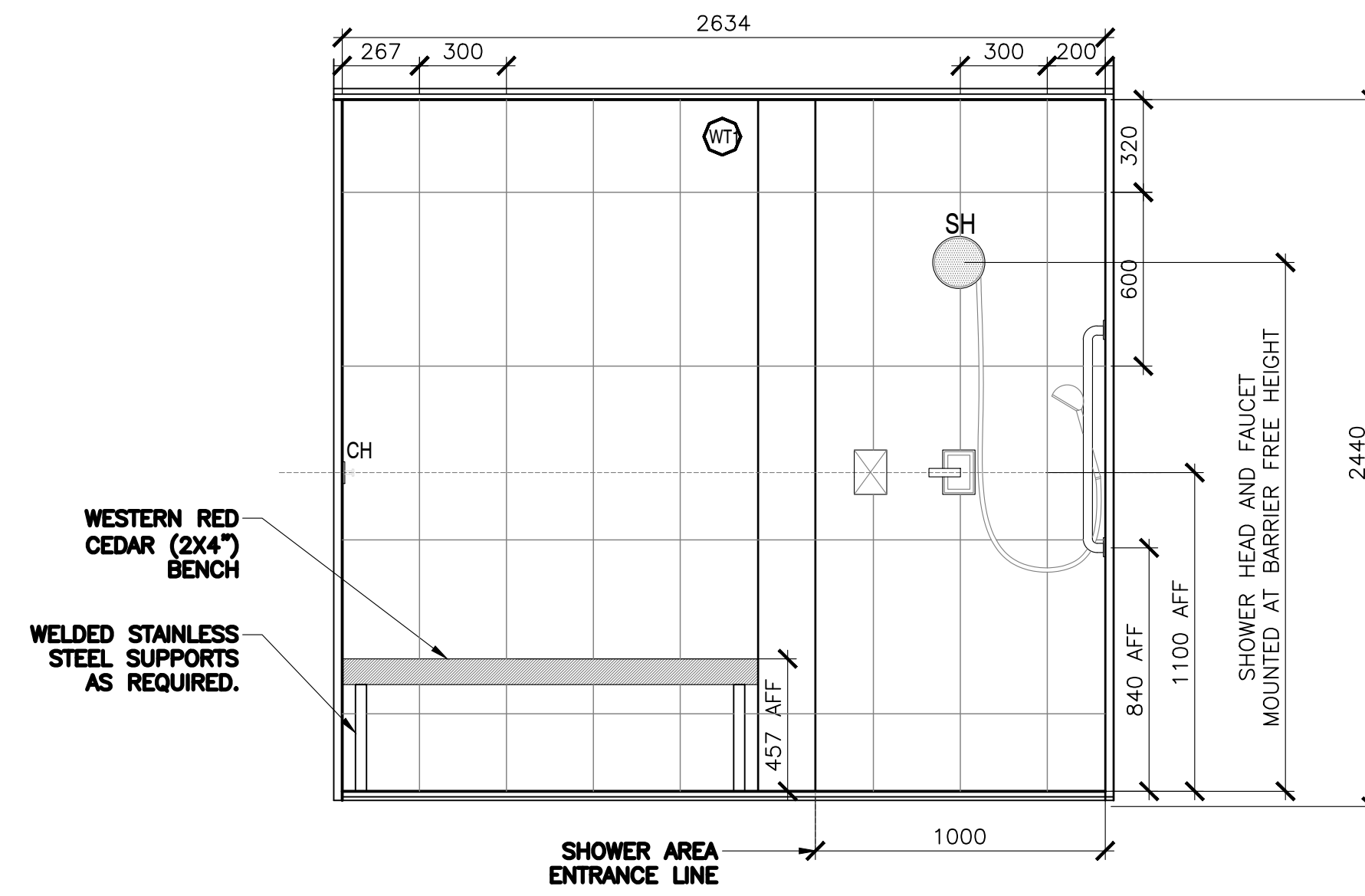
no. du projet

drawing no. A-203

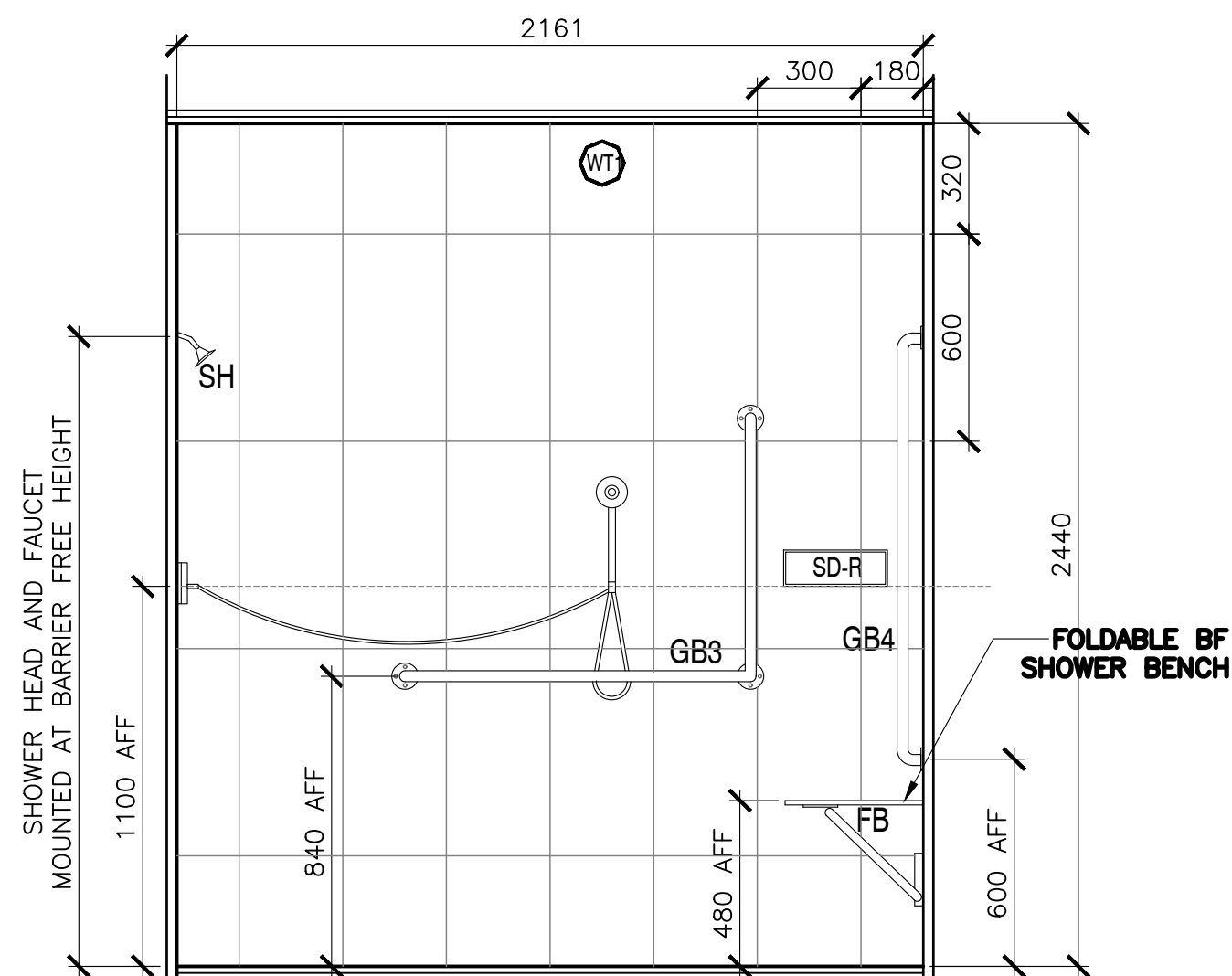
no. du dessin



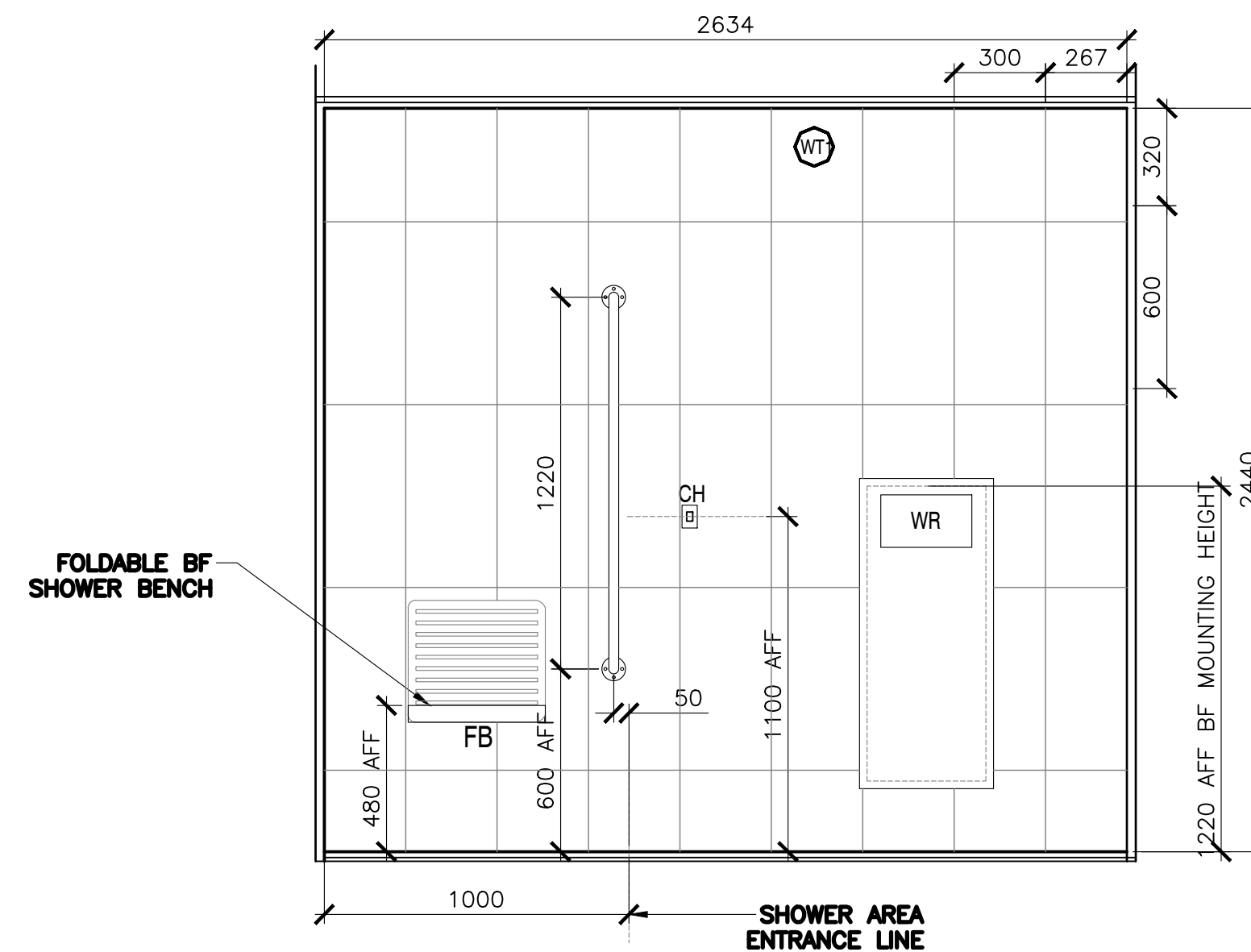
1  
204 BF SHOWER RM-INTER.ELEVATION 1  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



2  
204 BF SHOWER RM-INTER.ELEVATION 2  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



3  
204 BF SHOWER RM-INTER.ELEVATION 3  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



4  
204 BF SHOWER RM-INTER.ELEVATION 4  
SCALE : 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



EKISTICS PLANNING & DESIGN



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project projet  
 KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2

drawing dessin  
 INTERIOR ELEVATIONS

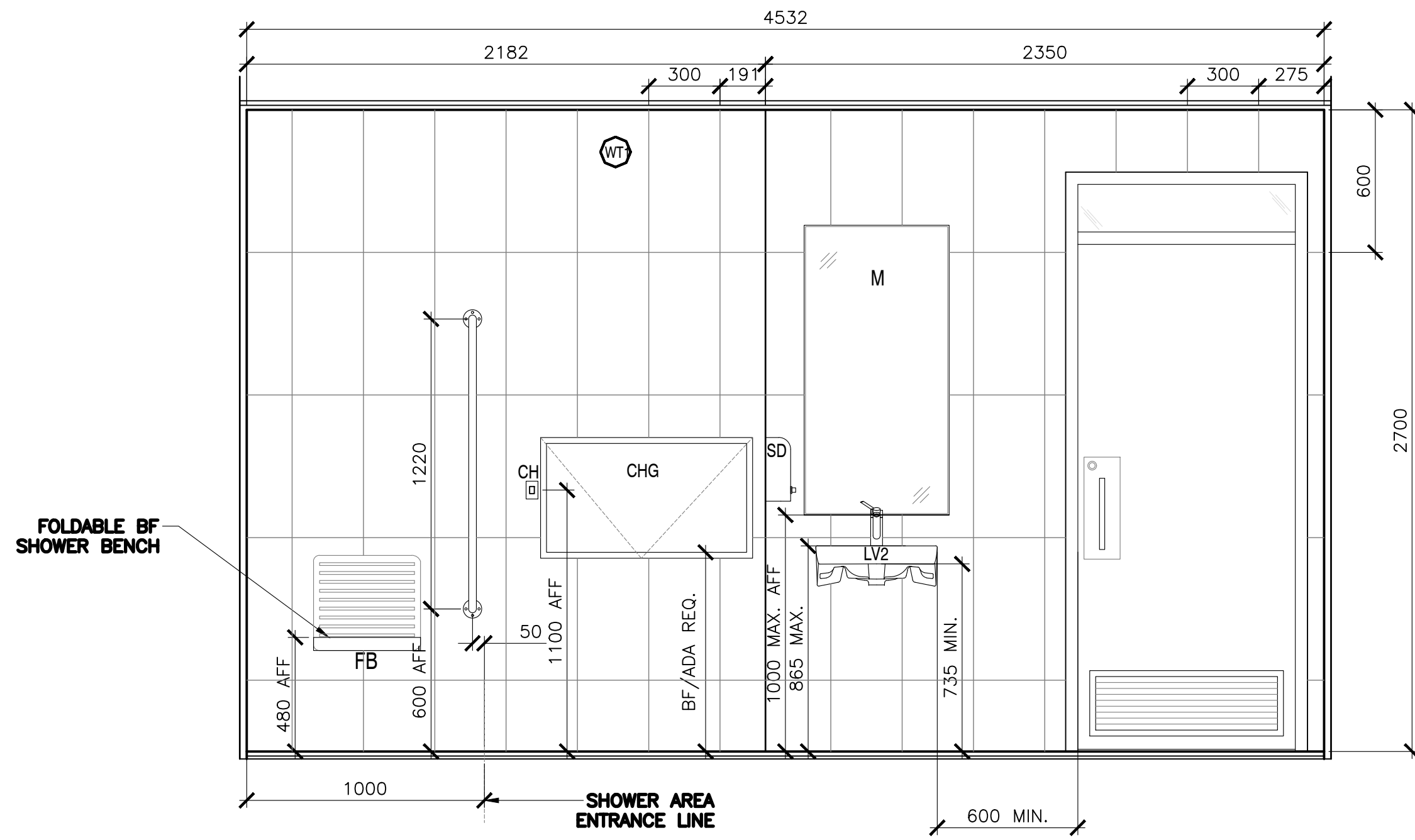
designed BH/JB/CC conçu  
 date 02/01/2019  
 drawn BH/JB/CC dessiné  
 date 02/25/2019

approved approuvé  
 date  
 Tender Soumission  
 JOHN O'NEIL  
 Project Manager Administrateur de projets

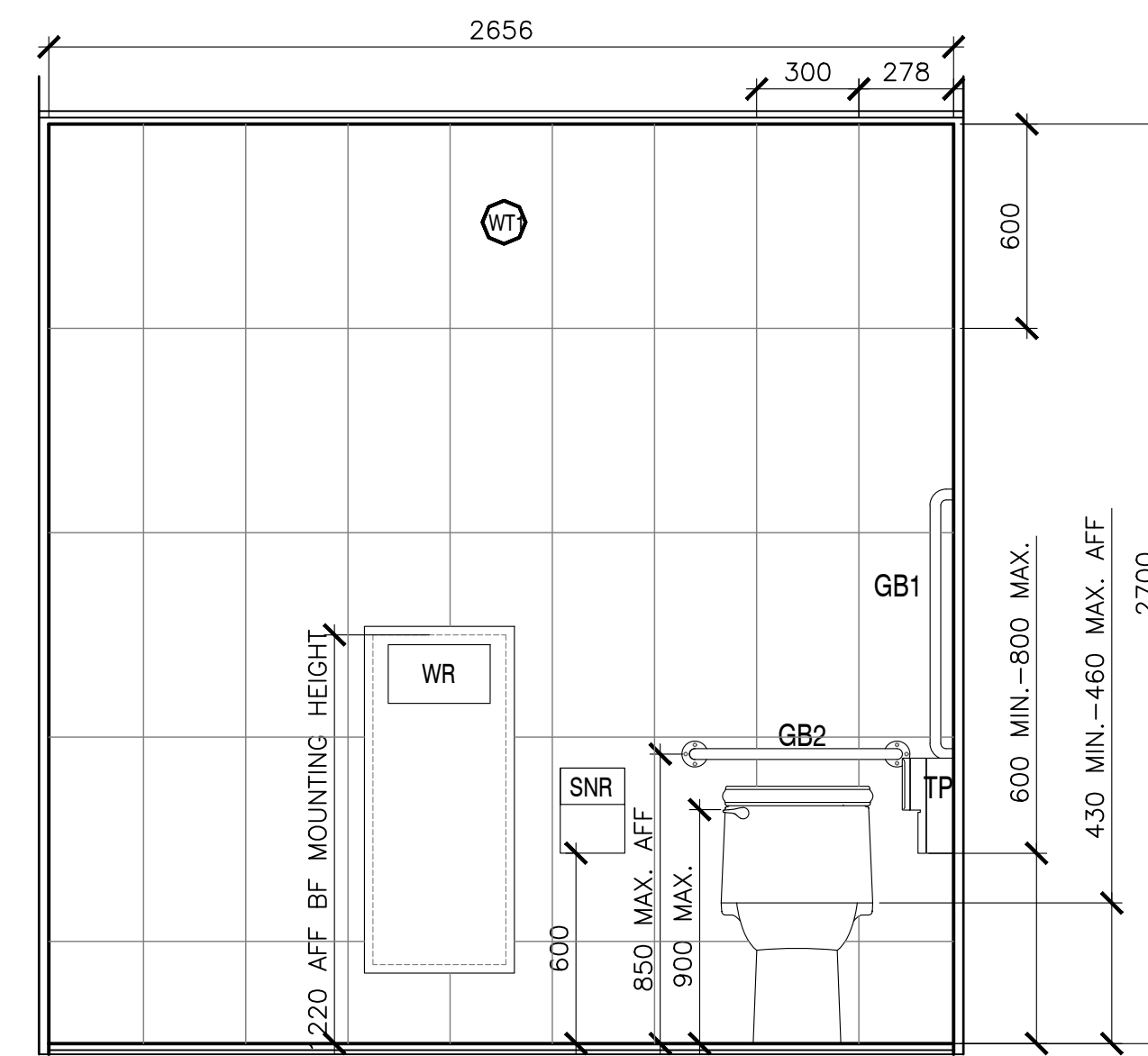
project number no. du projet  
 954

drawing no. no. du dessin  
 A-204

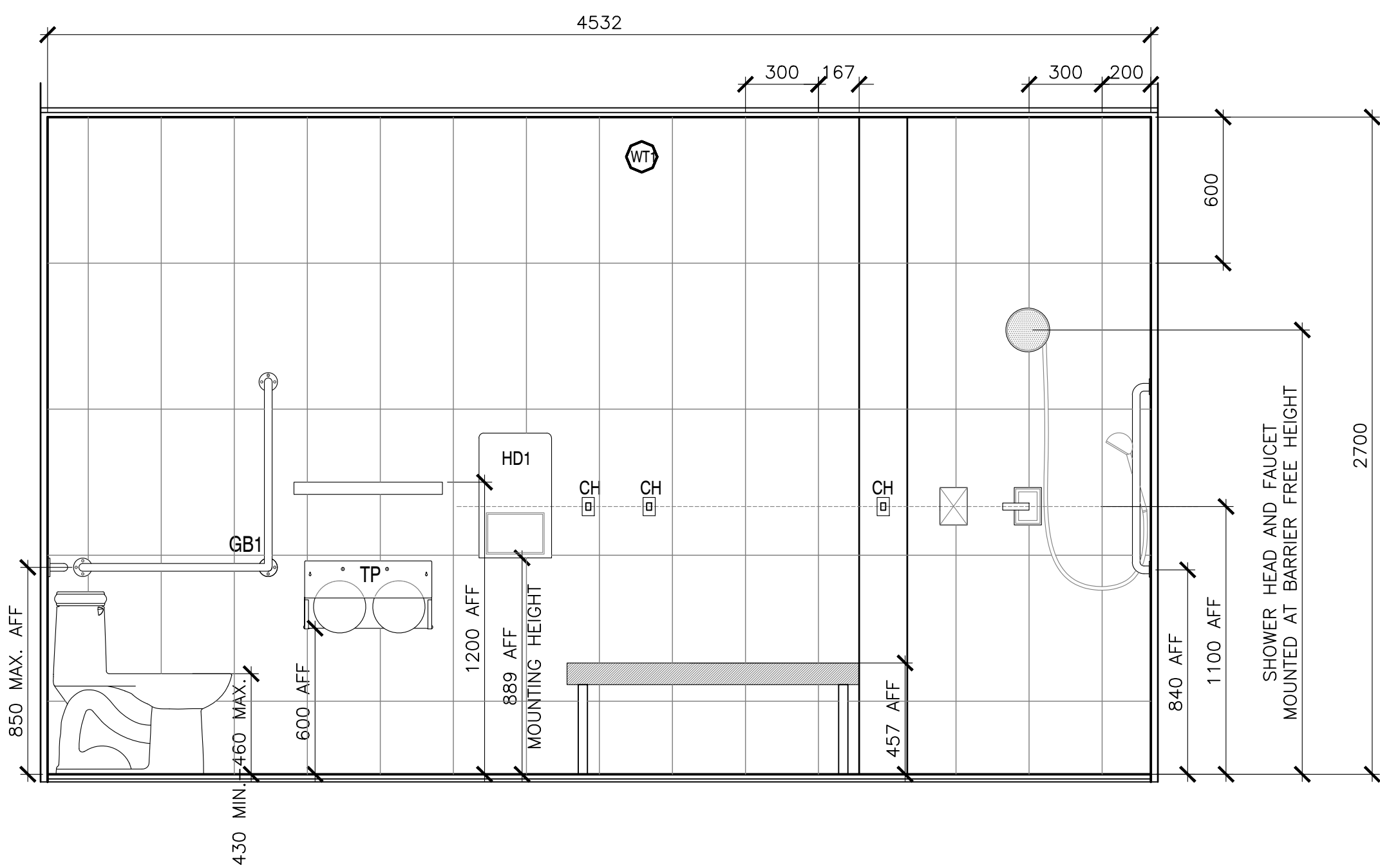




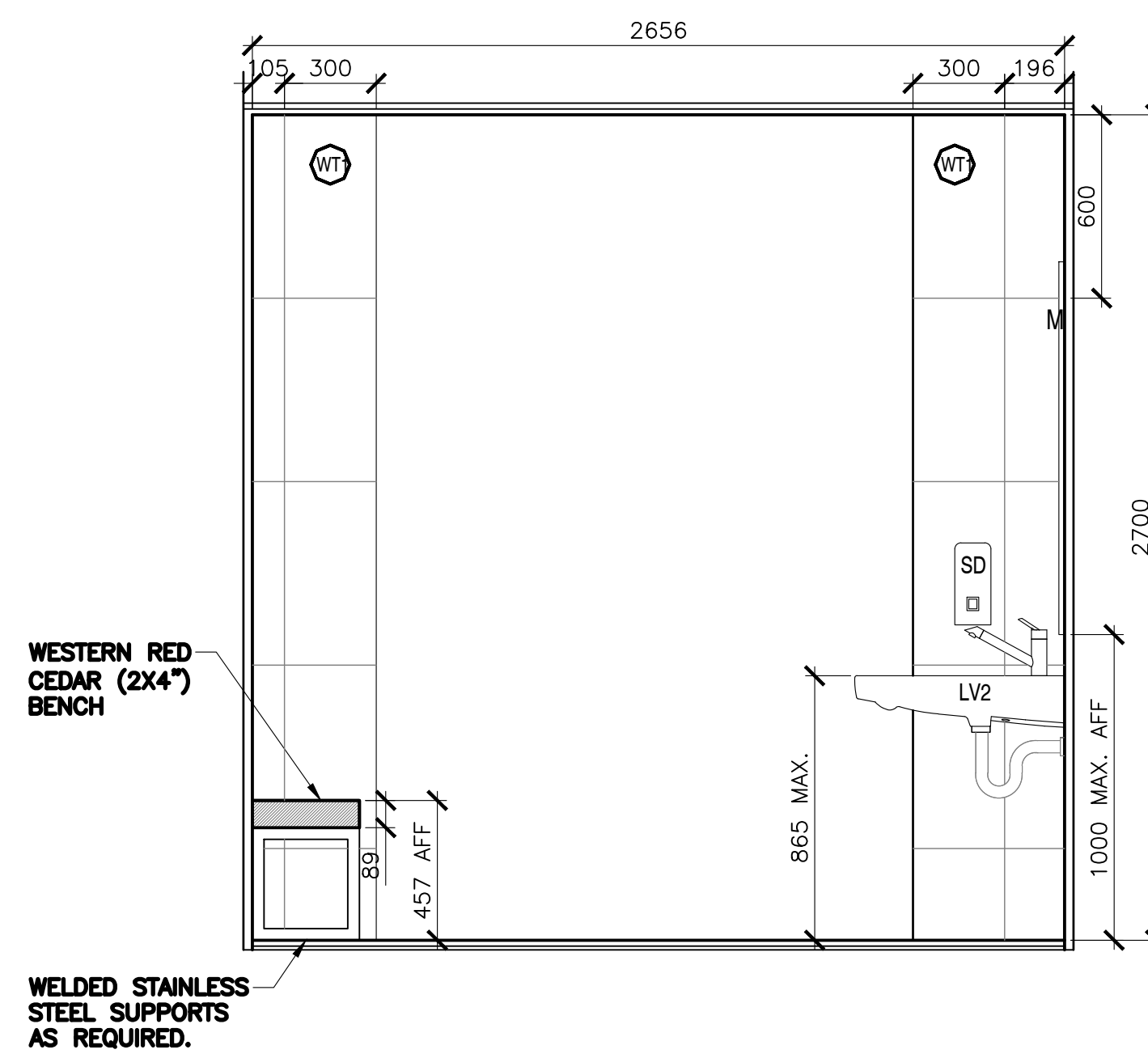
1 BF FAM. W/C & SHOWER-INTER.ELEVATION 1  
205 SCALE : 1:20



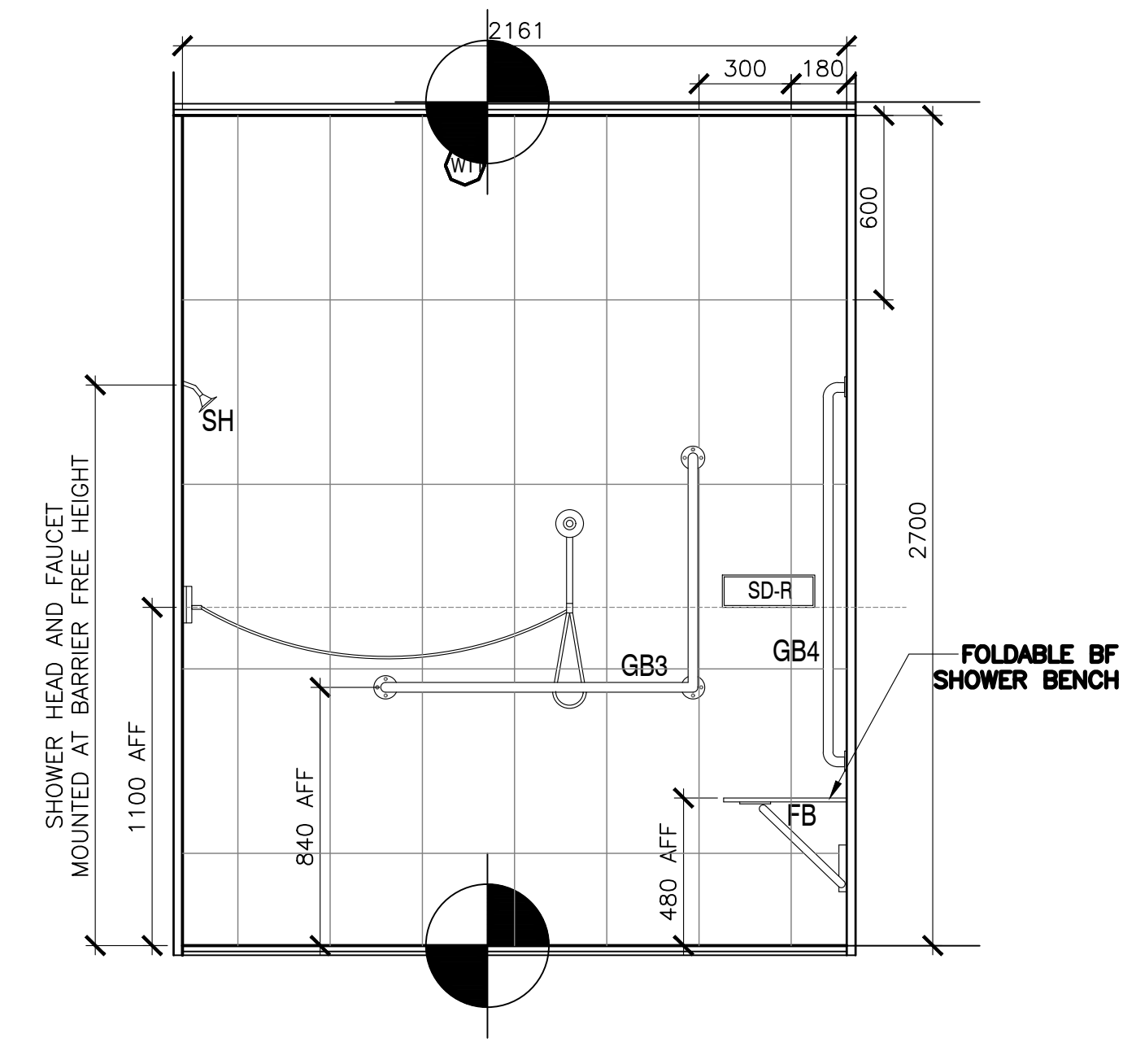
2 BF FAM. W/C & SHOWER-INTER.ELEVATION 2  
205 SCALE : 1:20



3 BF FAM. W/C & SHOWER-INTER.ELEVATION 3  
205 SCALE : 1:20



4 BF FAM. W/C & SHOWER-INTER.ELEVATION 4  
205 SCALE : 1:20



5 BF FAM. W/C & SHOWER-INTER.ELEVATION 5  
205 SCALE : 1:20



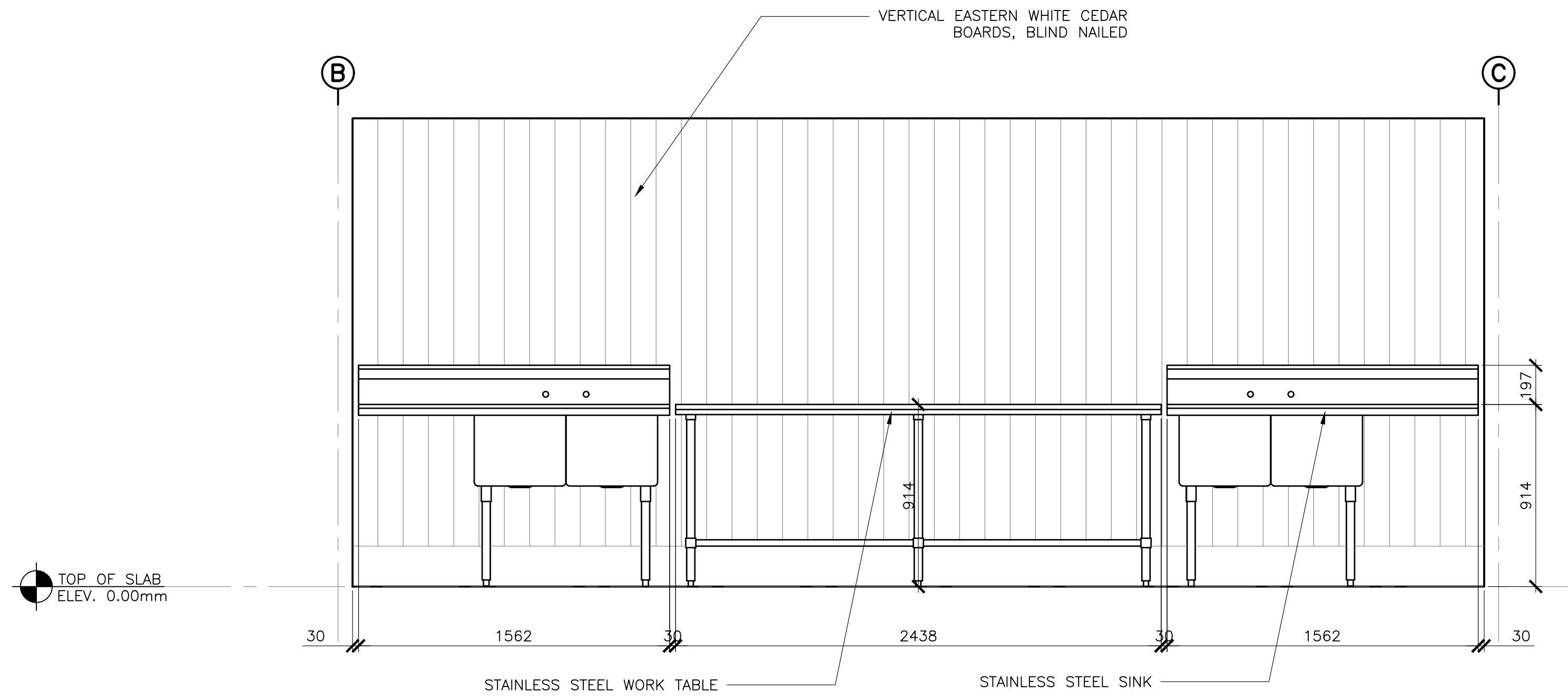
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

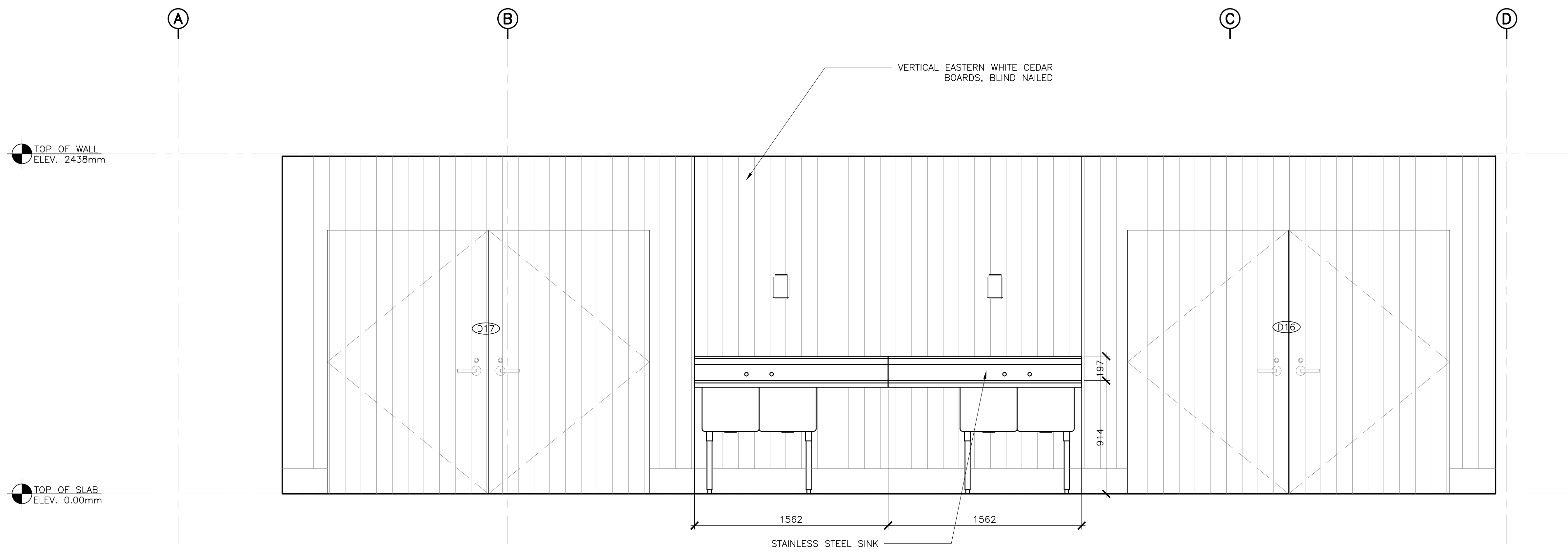
drawing / dessin  
**INTERIOR ELEVATIONS**

designed / conçu  
 BH/JB/CC  
 date 02/01/2019  
 drawn / dessiné  
 BH/JB/CC  
 date 02/25/2019  
 approved / approuvé

date / Soumission  
 JOHN O'NEIL  
 Project Manager / Administrateur de projets  
 project number / no. du projet  
**954**  
 drawing no. / no. du dessin  
**A-205**



1 WASH STATION-INTER.ELEVATION  
SCALE : 1:20



2 KITCHEN SHELTER WASH STATION-INTER.ELEVATION  
SCALE : 1:20



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2

drawing INTERIOR ELEVATIONS

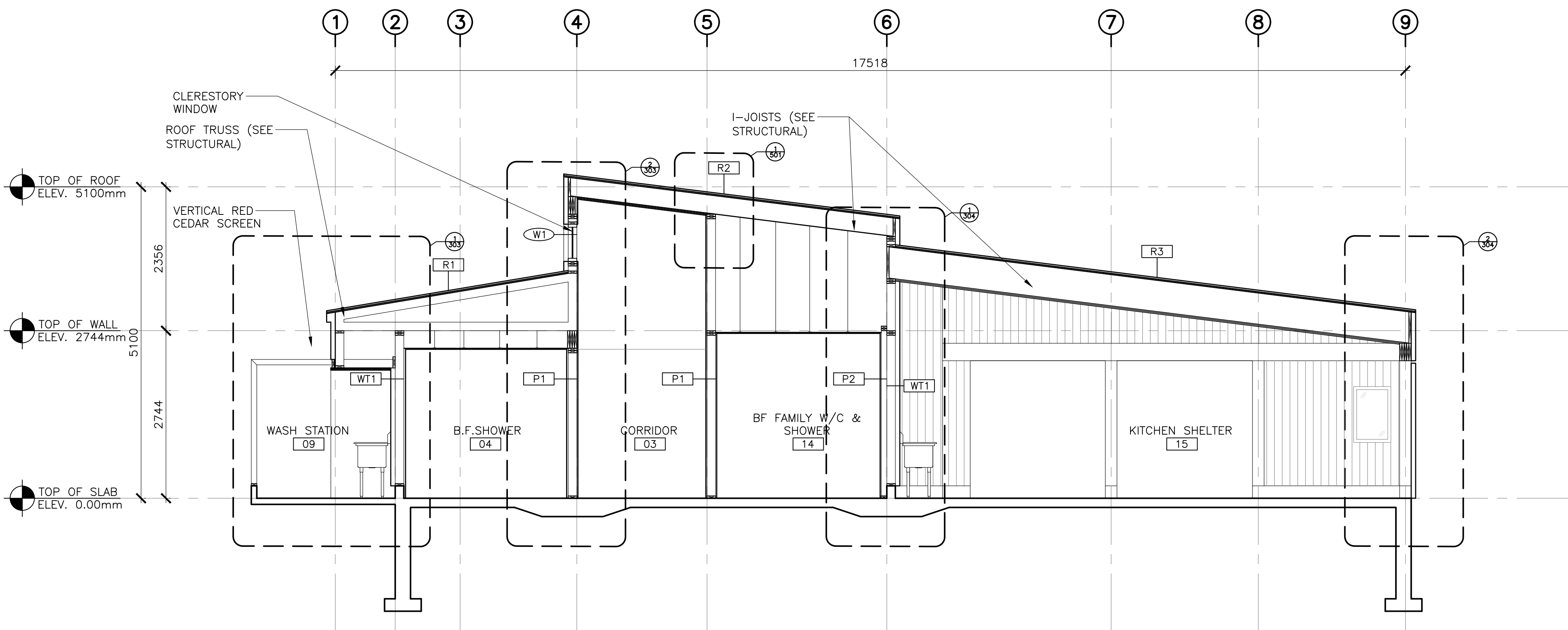
designed BH/JB/CC  
date 02/01/2019  
drawn BH/JB/CC  
date 02/25/2019

Tender JOHN O'NEIL  
Project Manager Administrateur de projets

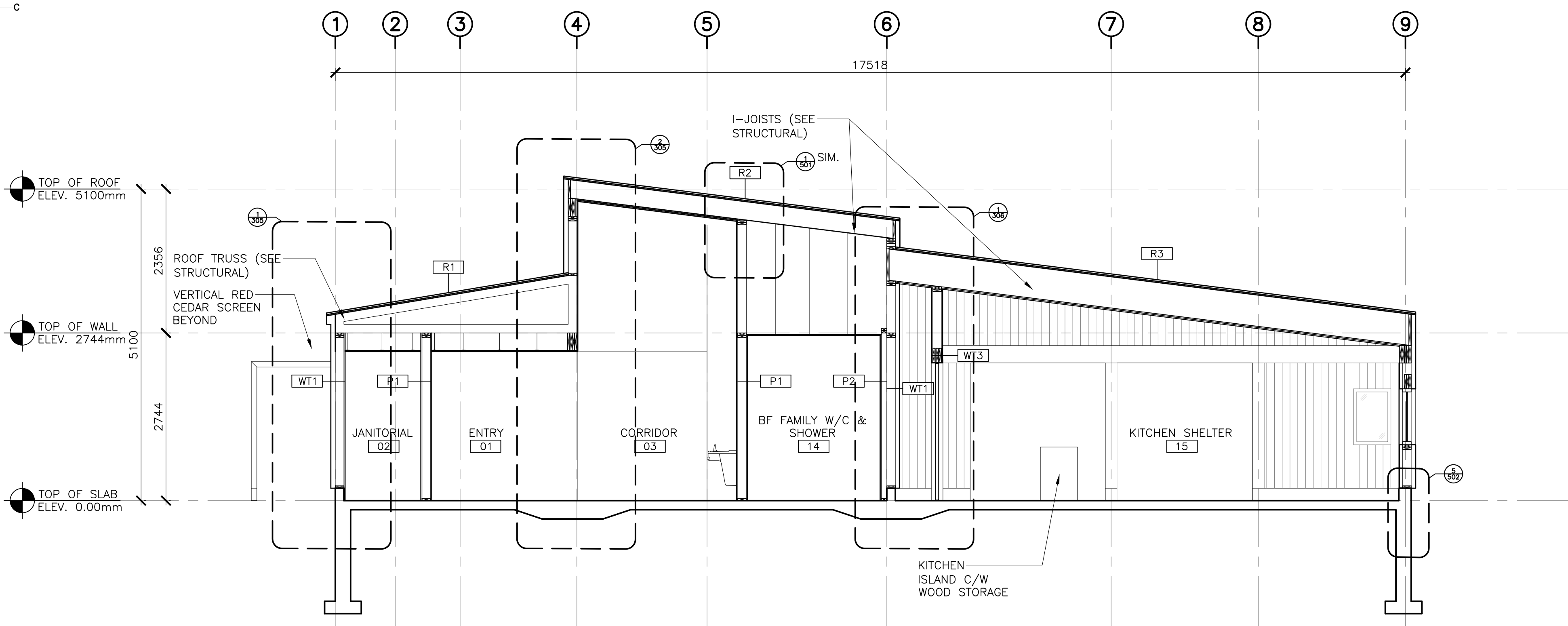
project number 954

drawing no. A-206





1  
301  
BUILDING SECTION  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



2  
301  
BUILDING SECTION  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**BUILDING SECTIONS**

designed / conçu  
 BH/JB/CC  
 date 02/01/2019

drawn / dessiné  
 BH/JB/CC  
 date 02/25/2019

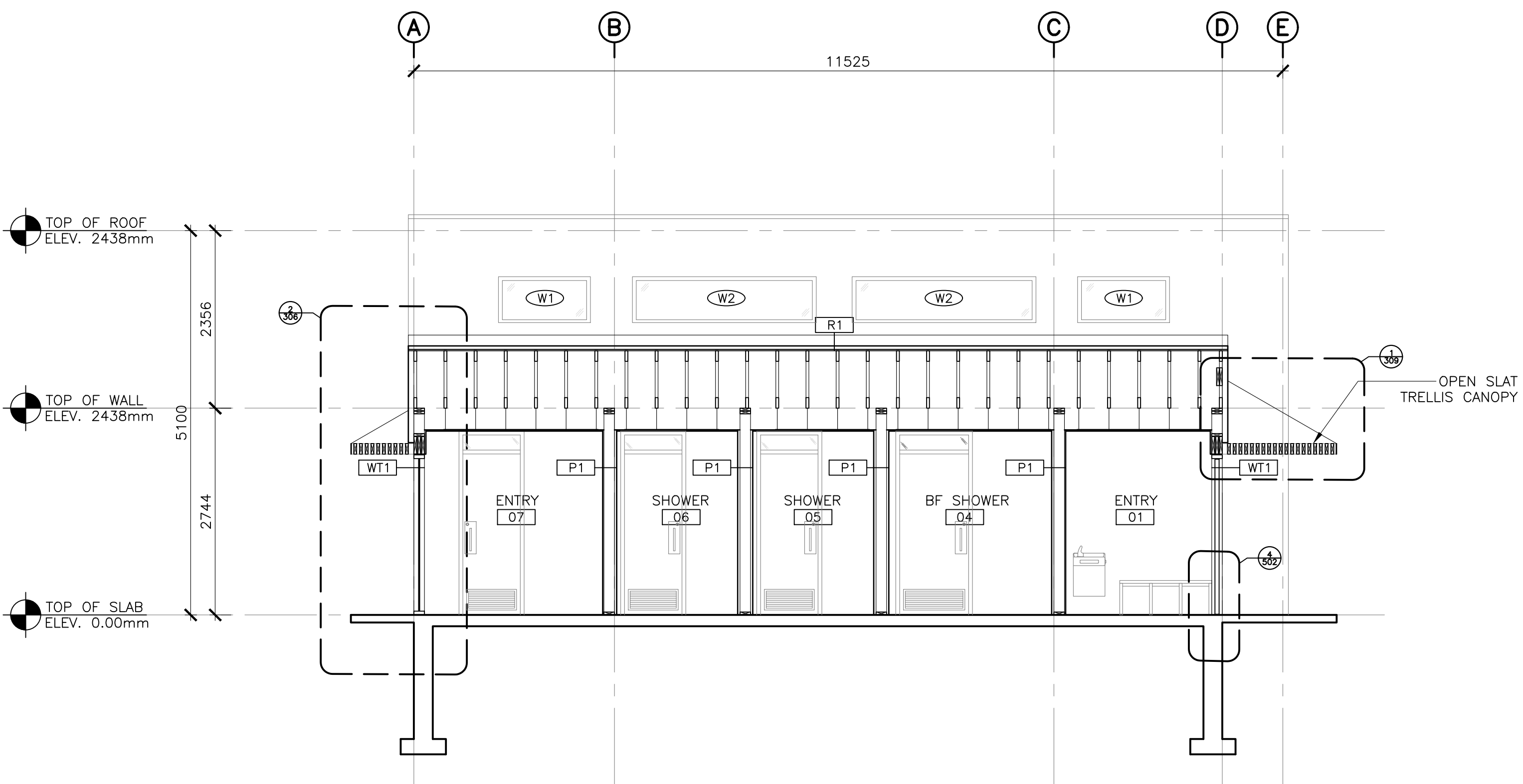
approved / approuvé

date

Tender / Soumission  
**JOHN O'NEIL**  
 Project Manager / Administrateur de projets

project number / no. du projet  
**954**

drawing no. / no. du dessin  
**A-301**



1  
302  
BUILDING SECTION  
SCALE : 1:50  
0m 1m 2m 3m 4m 5m



revisions	date
0	ISSUED FOR TENDER
	07/11/2019

project projet  
**KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2**

drawing dessin  
**BUILDING SECTIONS**

designed BH/JB/CC conçu  
 date 02/01/2019  
 drawn BH/JB/CC dessiné  
 date 02/25/2019

approved approuvé  
 date  
 Tender Soumission  
**JOHN O'NEIL**  
 Project Manager Administrateur de projets

project number no. du projet  
**954**

drawing no. no. du dessin  
**A-302**



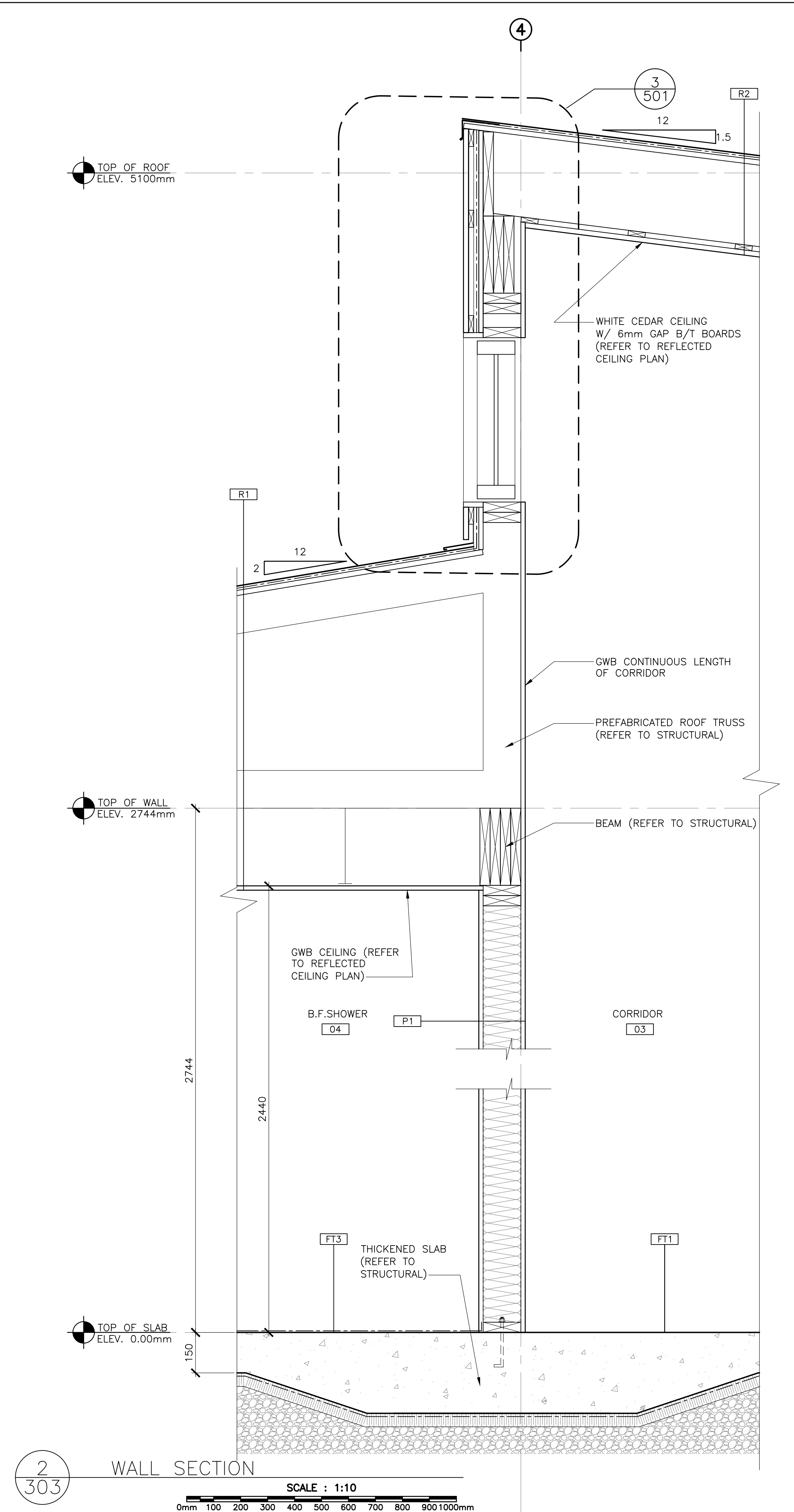
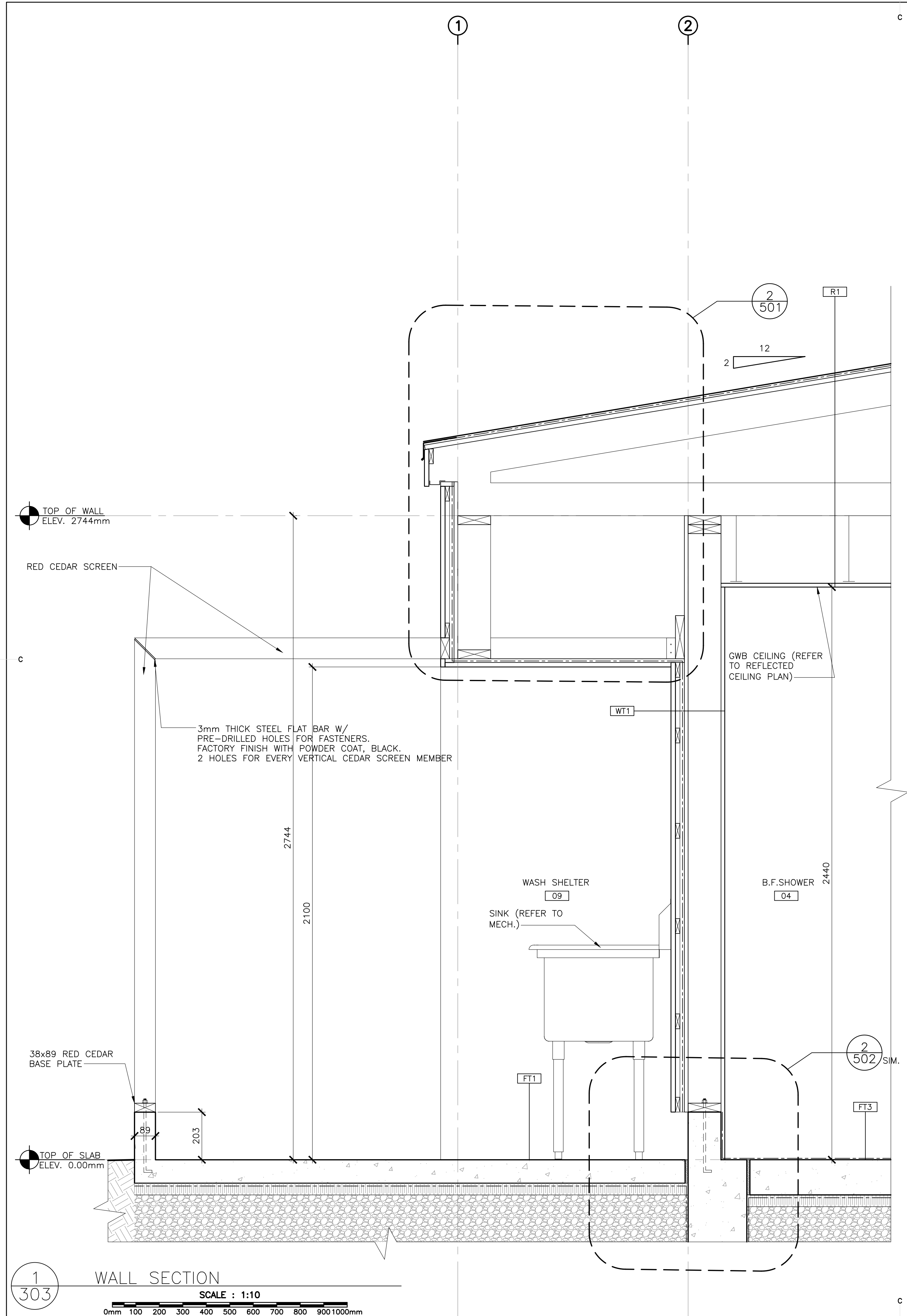


0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**WALL SECTIONS**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-303	no. du dessin



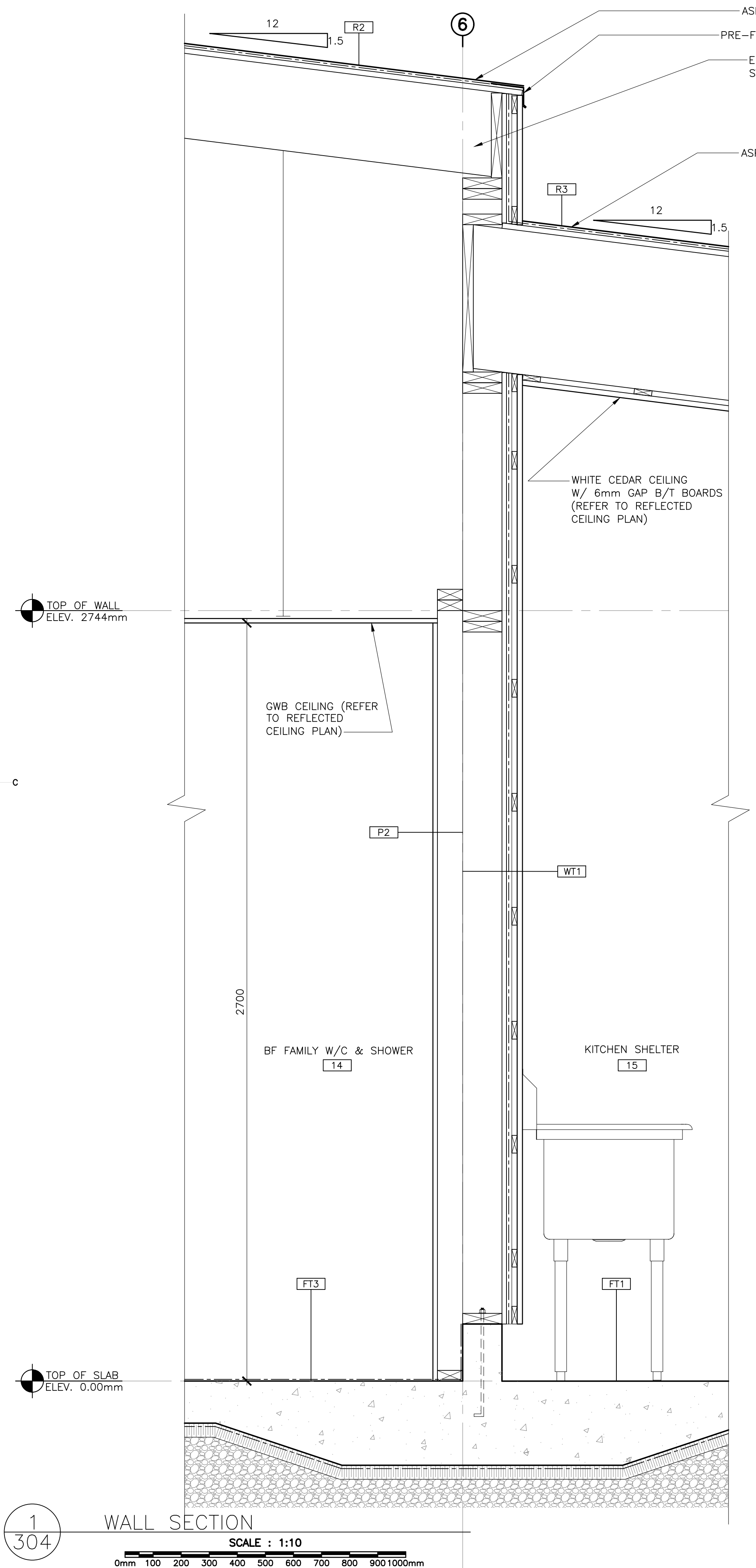


0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

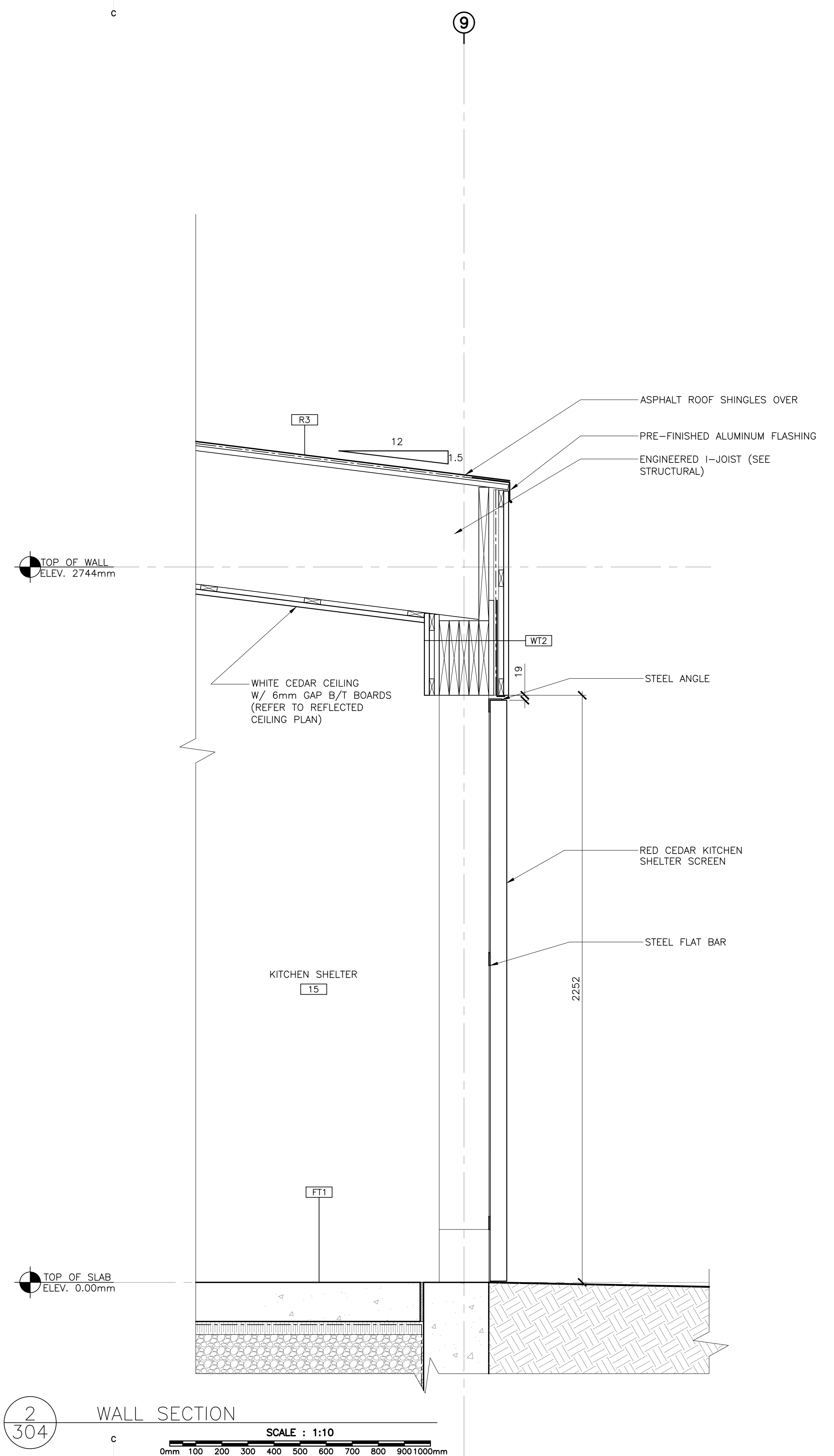
drawing / dessin  
**WALL SECTIONS**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-304	no. du dessin



**1**  
**304**  
 WALL SECTION  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm

PWGSC A1 (2004)



**2**  
**304**  
 WALL SECTION  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm

PWGSC A1 (2004)





**EKISTICS PLANNING & DESIGN**



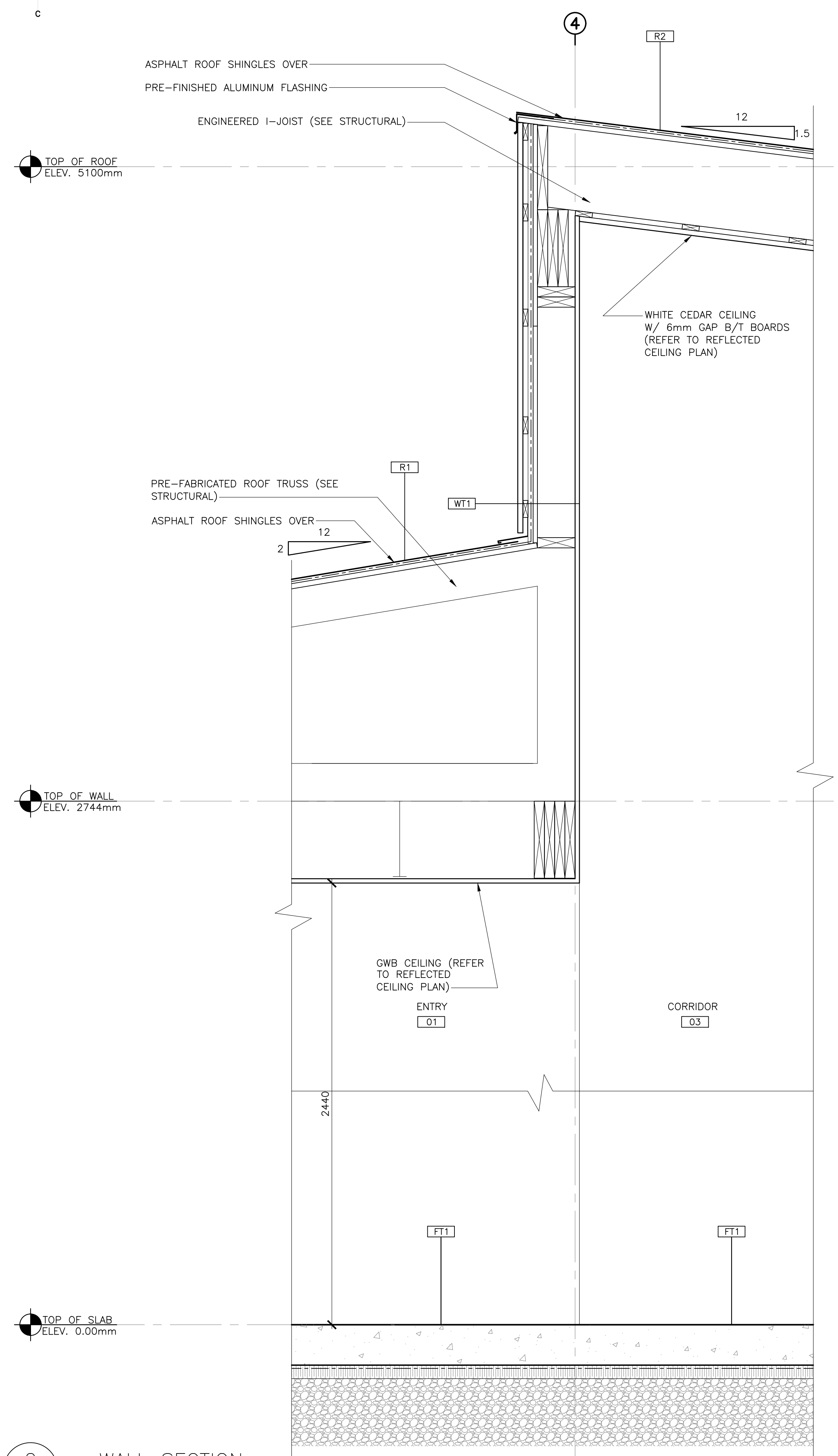
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

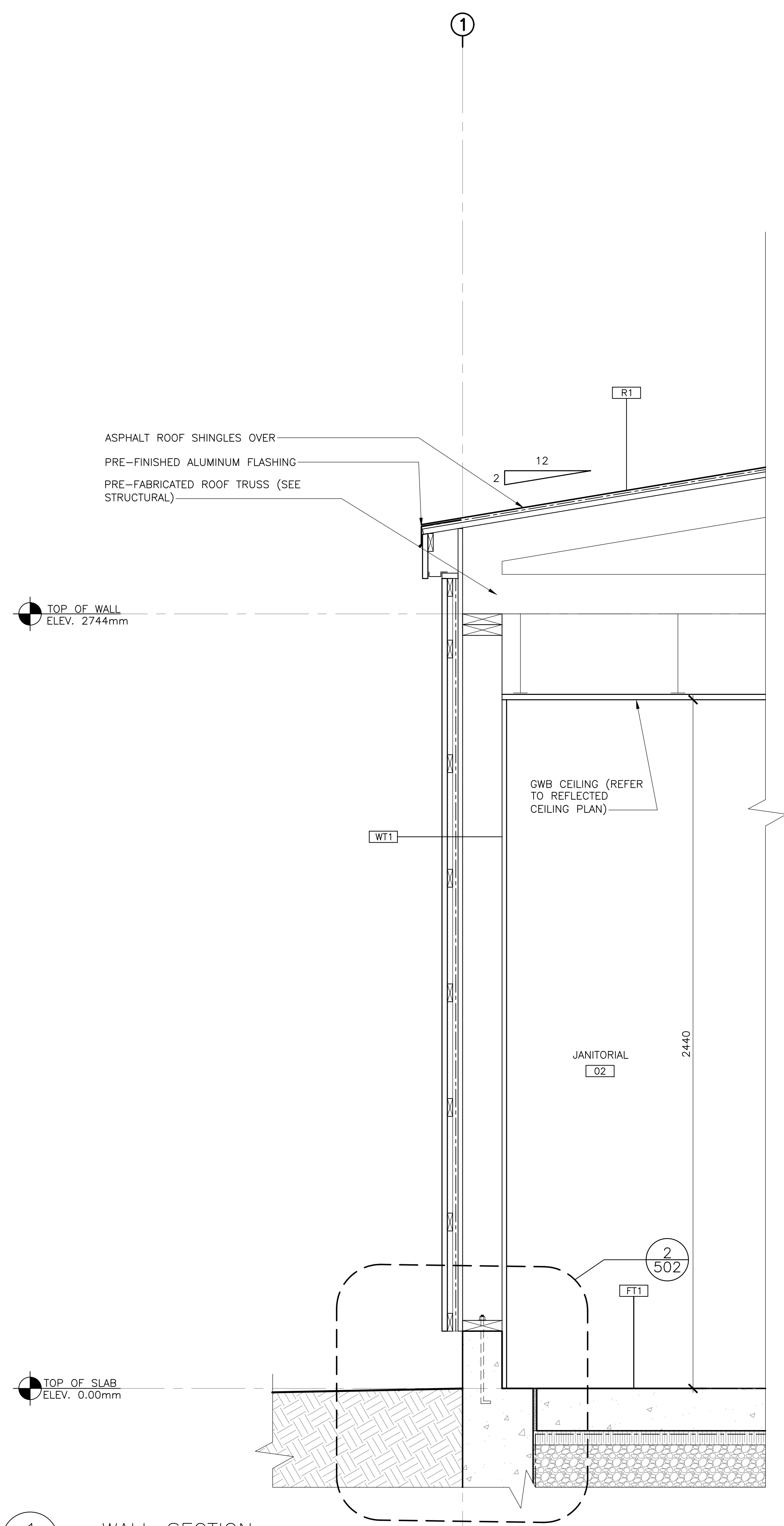
drawing / dessin  
**WALL SECTIONS**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		

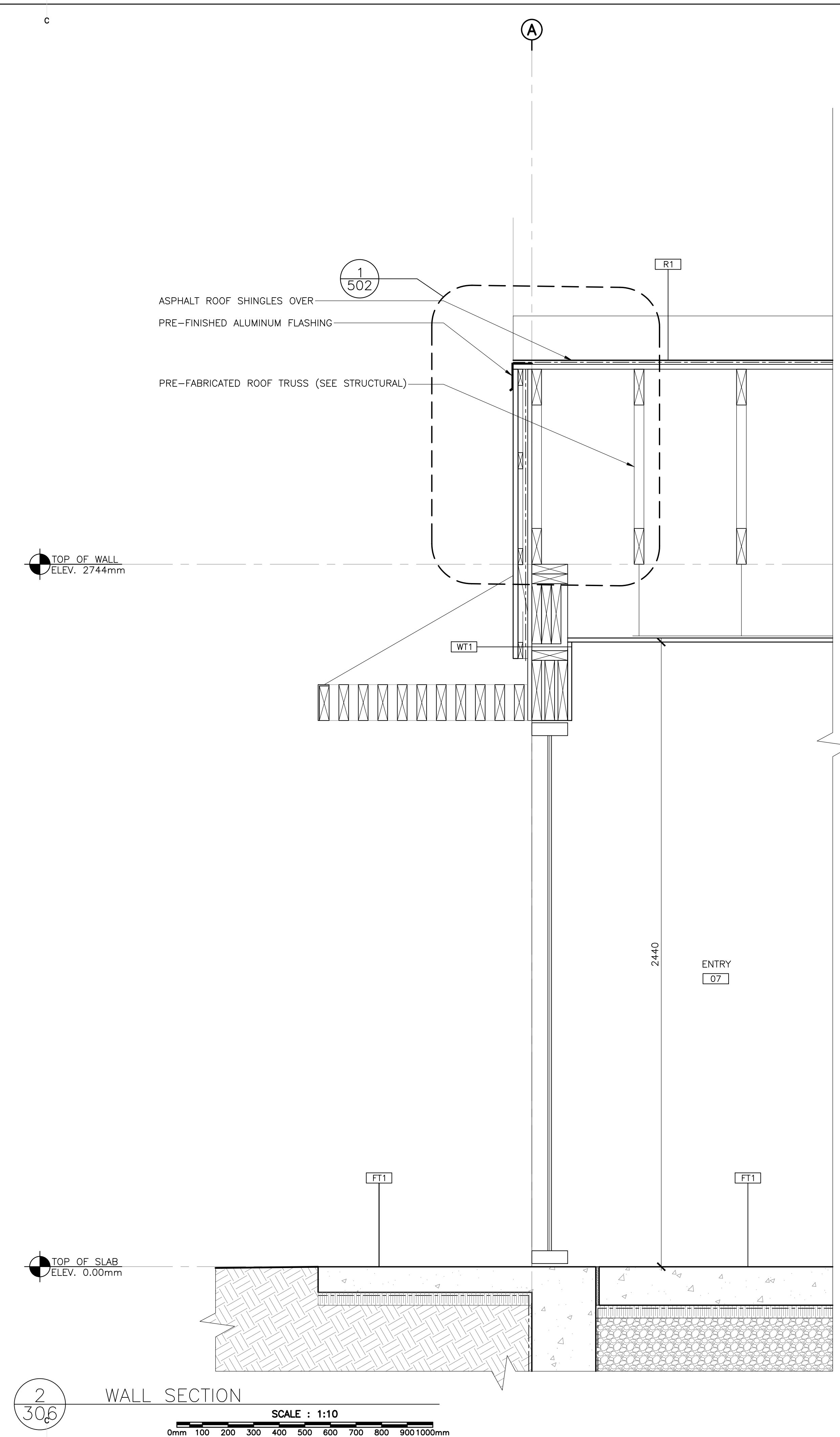
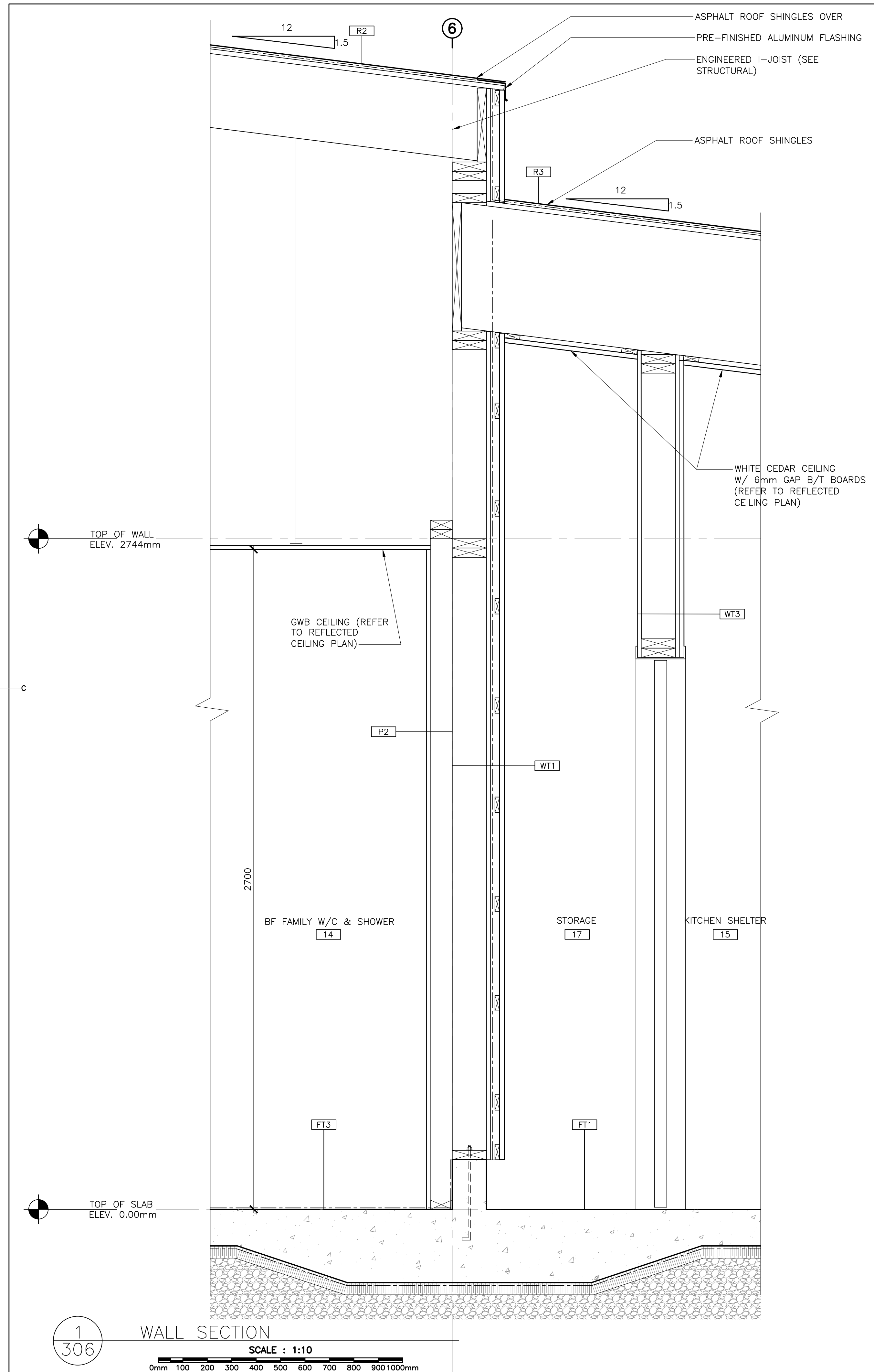
Tender / Soumission  
**JOHN O'NEIL**  
 Project Manager / Administrateur de projets  
 project number / no. du projet: **954**  
 drawing no. / no. du dessin: **A-305**



**2**  
 305 WALL SECTION  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**1**  
 305 WALL SECTION  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**WALL SECTIONS**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-306	no. du dessin



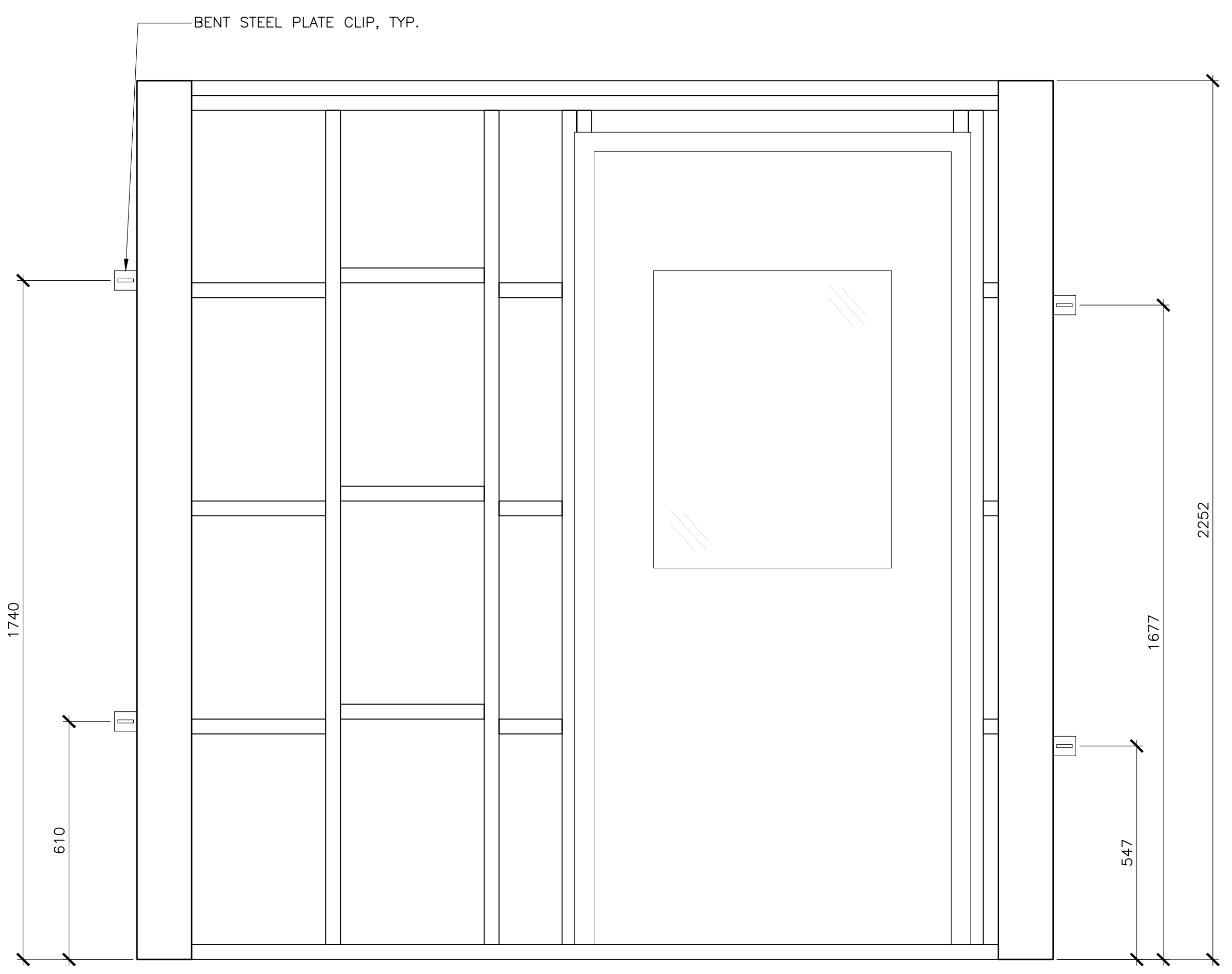
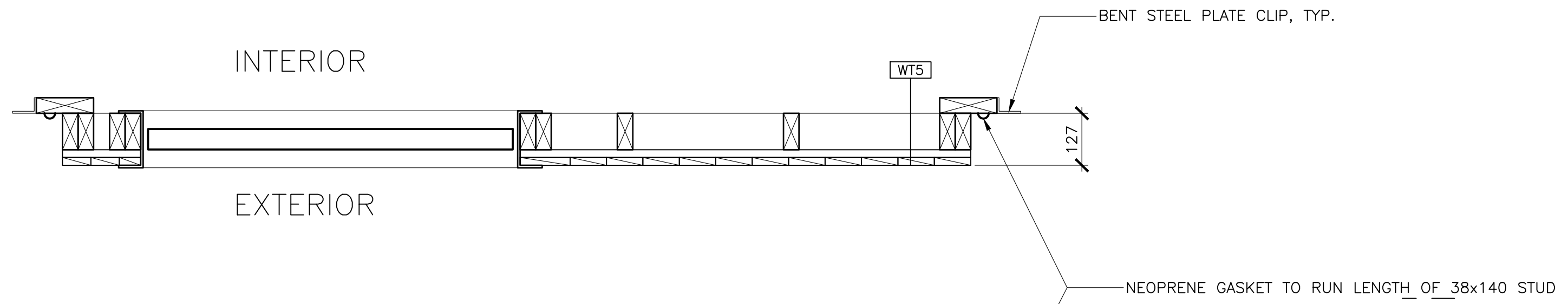
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

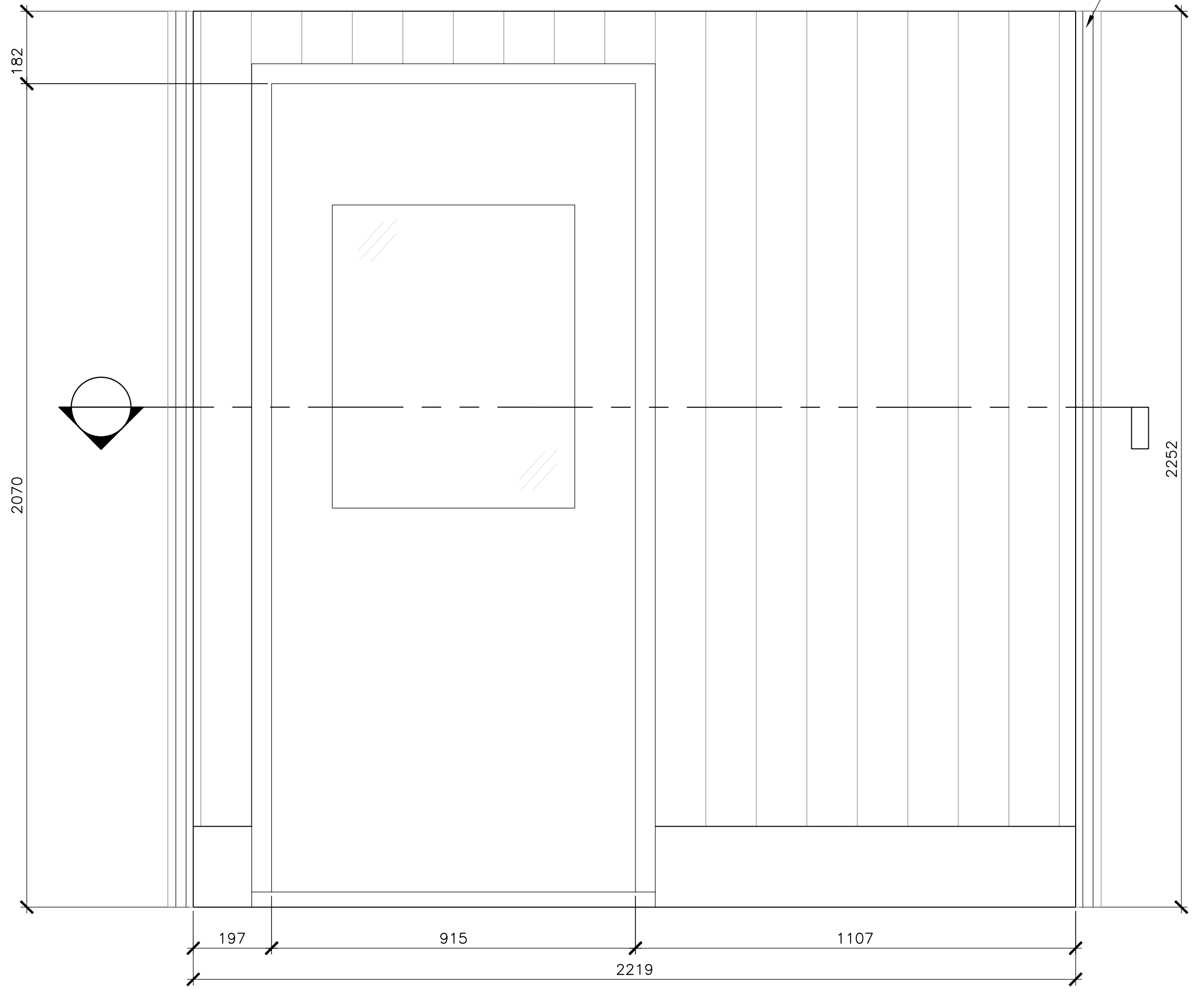
drawing / dessin  
**DOOR PANEL DETAILS**

designed / conçu: **BH/JB/CC**  
 date: **02/01/2019**  
 drawn / dessiné: **BH/JB/CC**  
 date: **02/25/2019**

approved / approuvé: \_\_\_\_\_  
 date: \_\_\_\_\_  
 Tender / Soumission: **JOHN O'NEIL**  
 Project Manager / Administrateur de projets: \_\_\_\_\_  
 project number / no. du projet: **954**  
 drawing no. / no. du dessin: **A-307**



DOOR PANEL INTERIOR ELEVATION



**1**  
**307**  
 DOOR PANEL EXTERIOR ELEVATION  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm





0	ISSUED FOR TENDER	07/11/2019
revisions		date

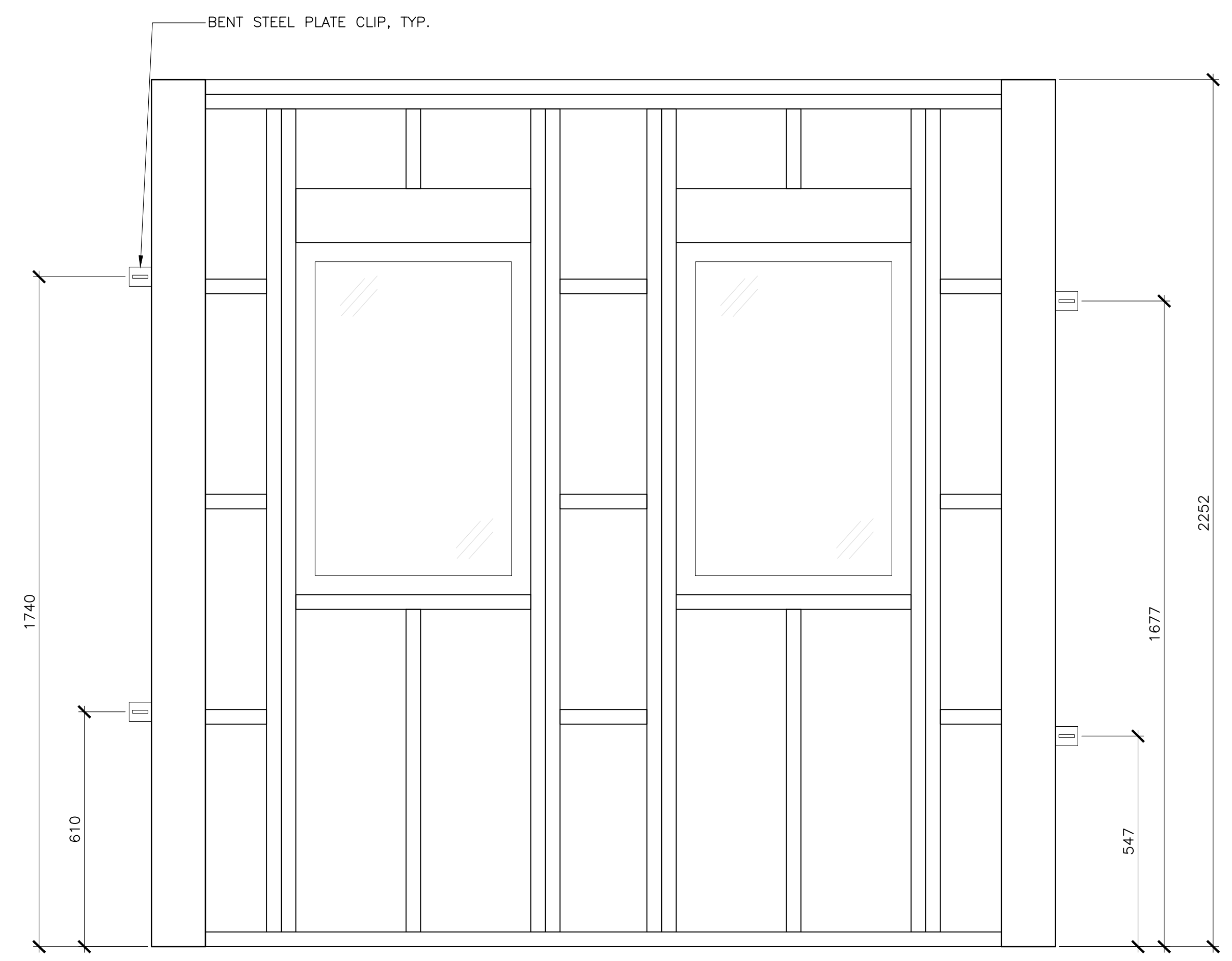
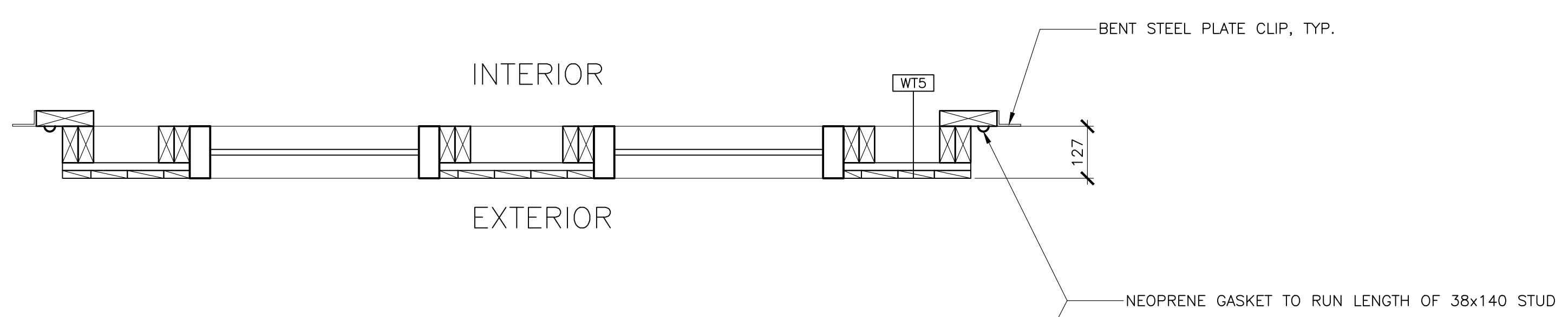
project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**WINDOW PANEL DETAILS**

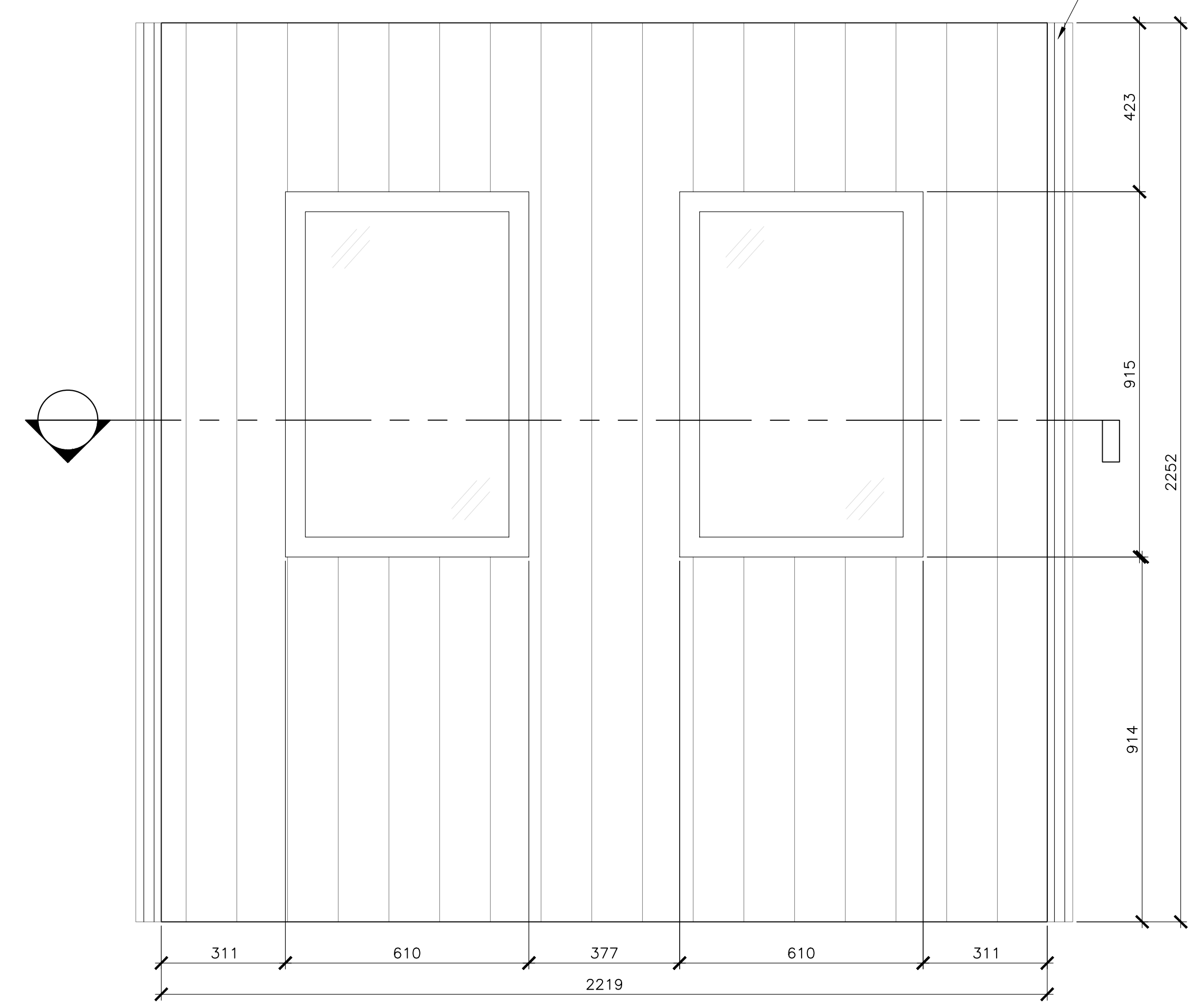
designed / conçu: **BH/JB/CC**  
 date: **02/01/2019**  
 drawn / dessiné: **BH/JB/CC**  
 date: **02/25/2019**

approved / approuvé: \_\_\_\_\_  
 date: \_\_\_\_\_  
 Tender / Soumission: **JOHN O'NEIL**  
 Project Manager / Administrateur de projets

project number / no. du projet: **954**  
 drawing no. / no. du dessin: **A-308**



WINDOW PANEL INTERIOR ELEVATION



WINDOW PANEL EXTERIOR ELEVATION

1  
308

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



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

drawing / dessin  
**DOOR CANOPY DETAILS**

designed / conçu  
 BH/JB/CC

date / date  
 02/01/2019

drawn / dessiné  
 BH/JB/CC

date / date  
 02/25/2019

approved / approuvé

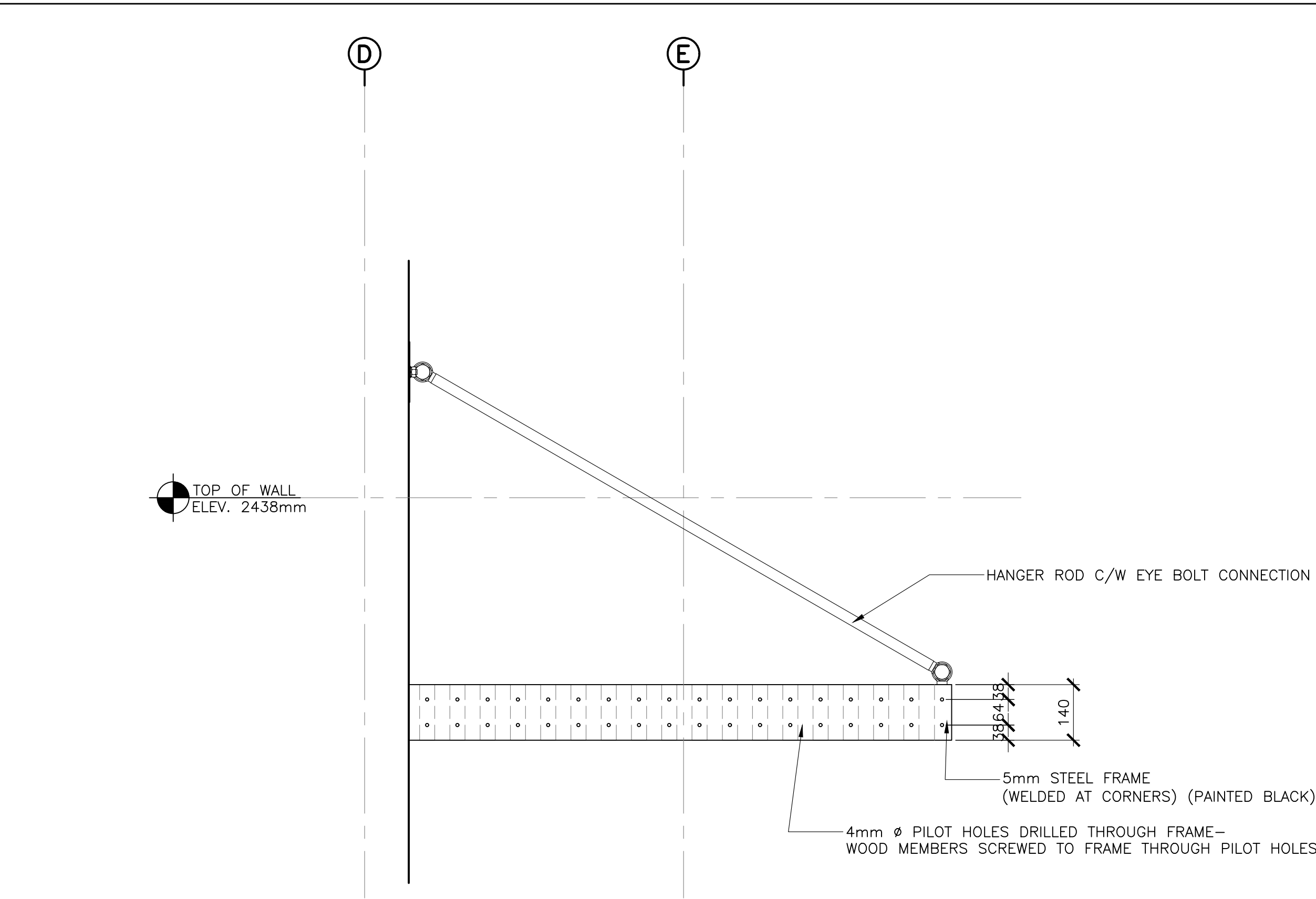
date / date

Tender / Soumission  
**JOHN O'NEIL**

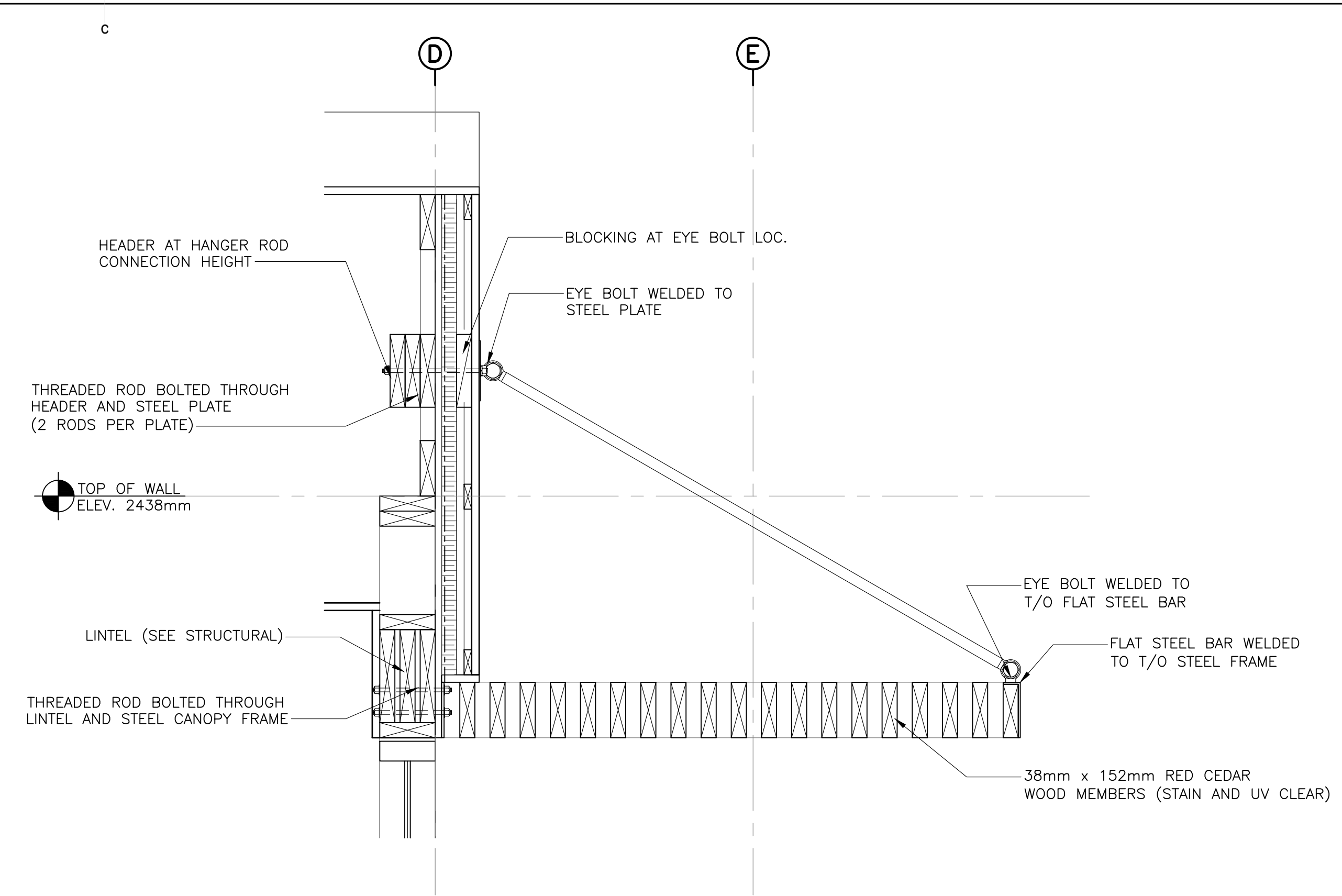
Project Manager / Administrateur de projets

project number / no. du projet  
**954**

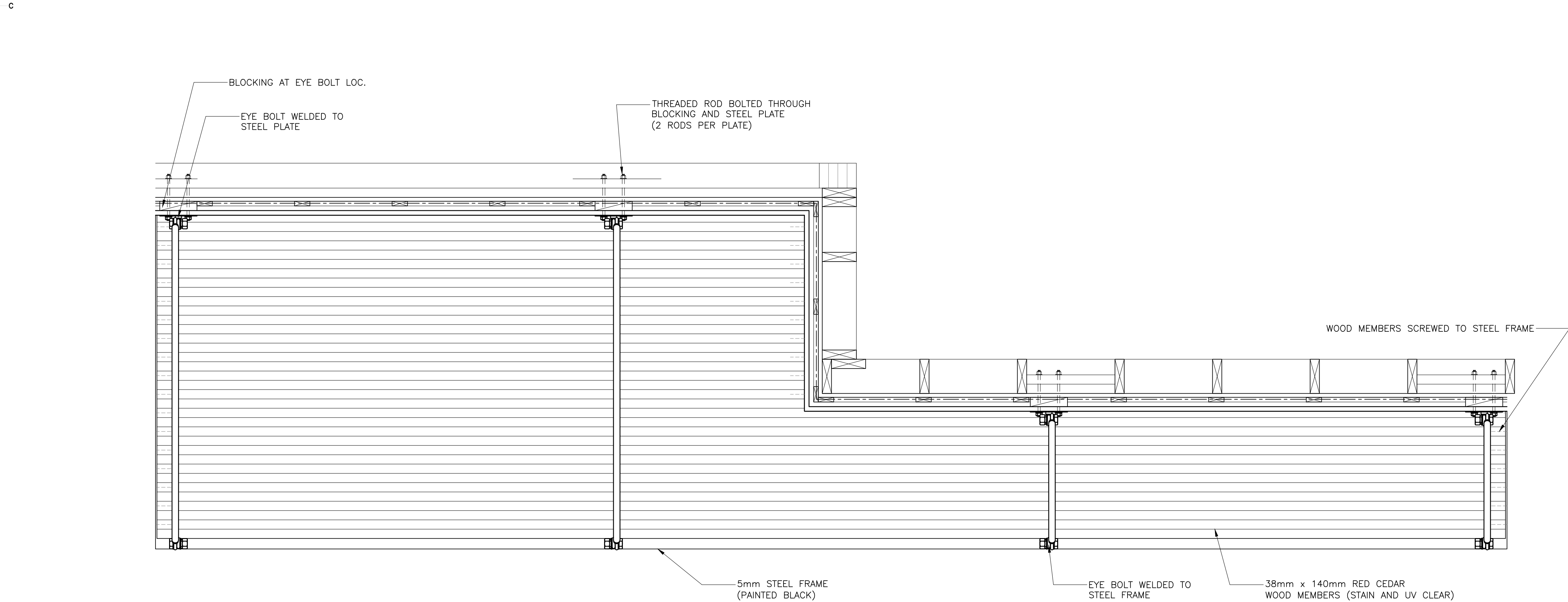
drawing no. / no. du dessin  
**A-309**



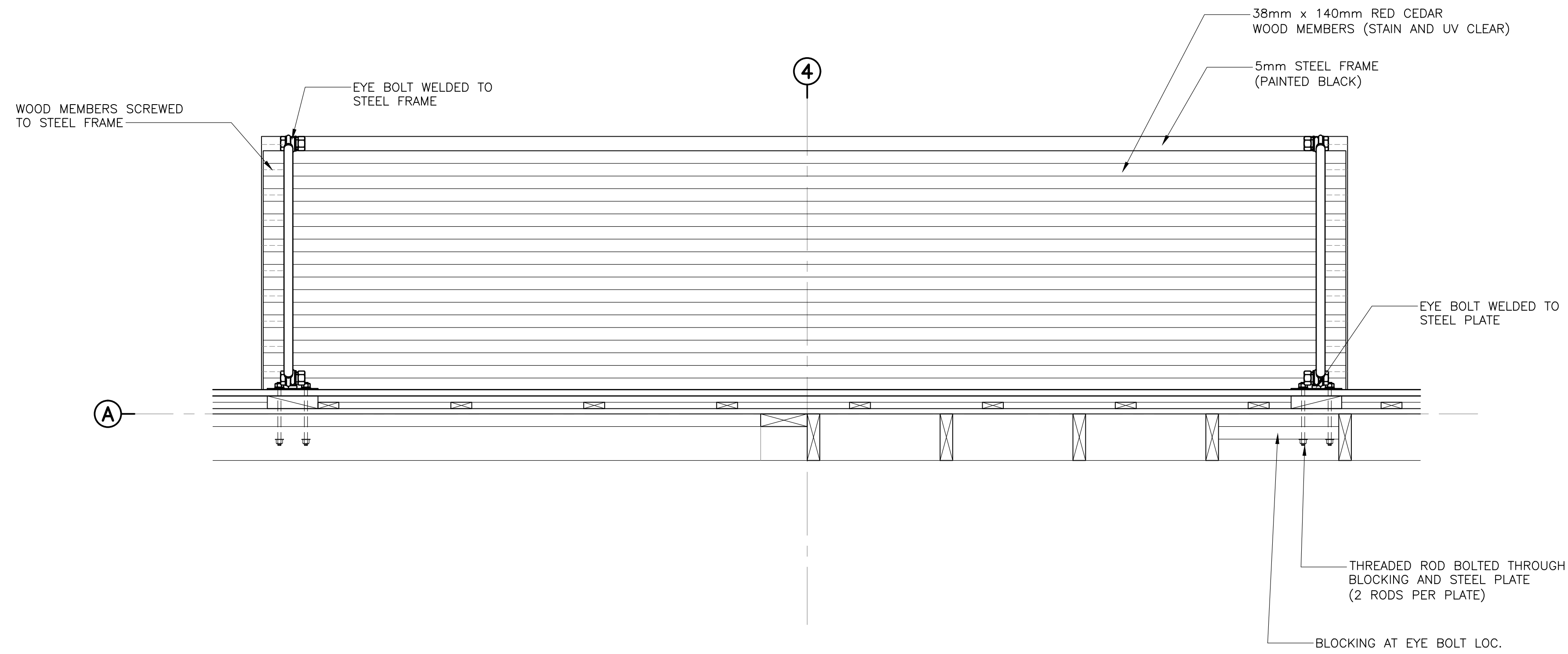
**1**  
 309 DOOR CANOPY DETAIL (ELEVATION)  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**2**  
 309 DOOR CANOPY DETAIL (SECTION)  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**3**  
 309 DOOR CANOPY DETAIL (PLAN)  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



1  
310  
DOOR CANOPY DETAIL (PLAN)  
SCALE : 1:10  
0mm 100 200 300 400 500 600 700 800 900 1000mm



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project projet  
KOUCHIBOUGUAC  
SERVICE BUILDING E  
954 PHASE 2

drawing dessin  
DOOR CANOPY DETAILS

designed BH/JB/CC conçu  
date 02/01/2019  
drawn BH/JB/CC dessiné  
date 02/25/2019

approved approuvé  
date  
Tender Soumission  
JOHN O'NEIL  
Project Manager Administrateur de projets

project number no. du projet  
954

drawing no. no. du dessin  
A-310



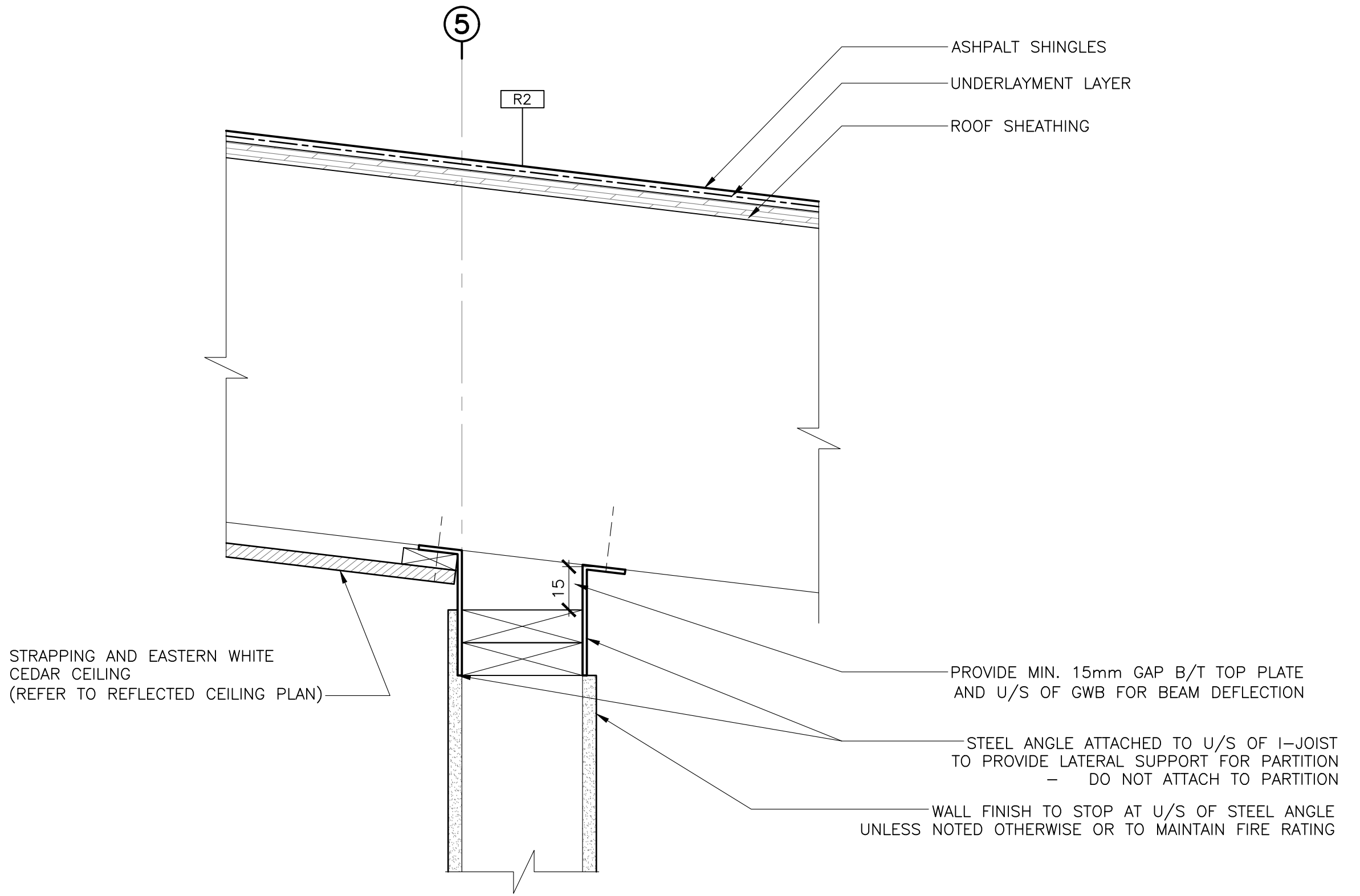


0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

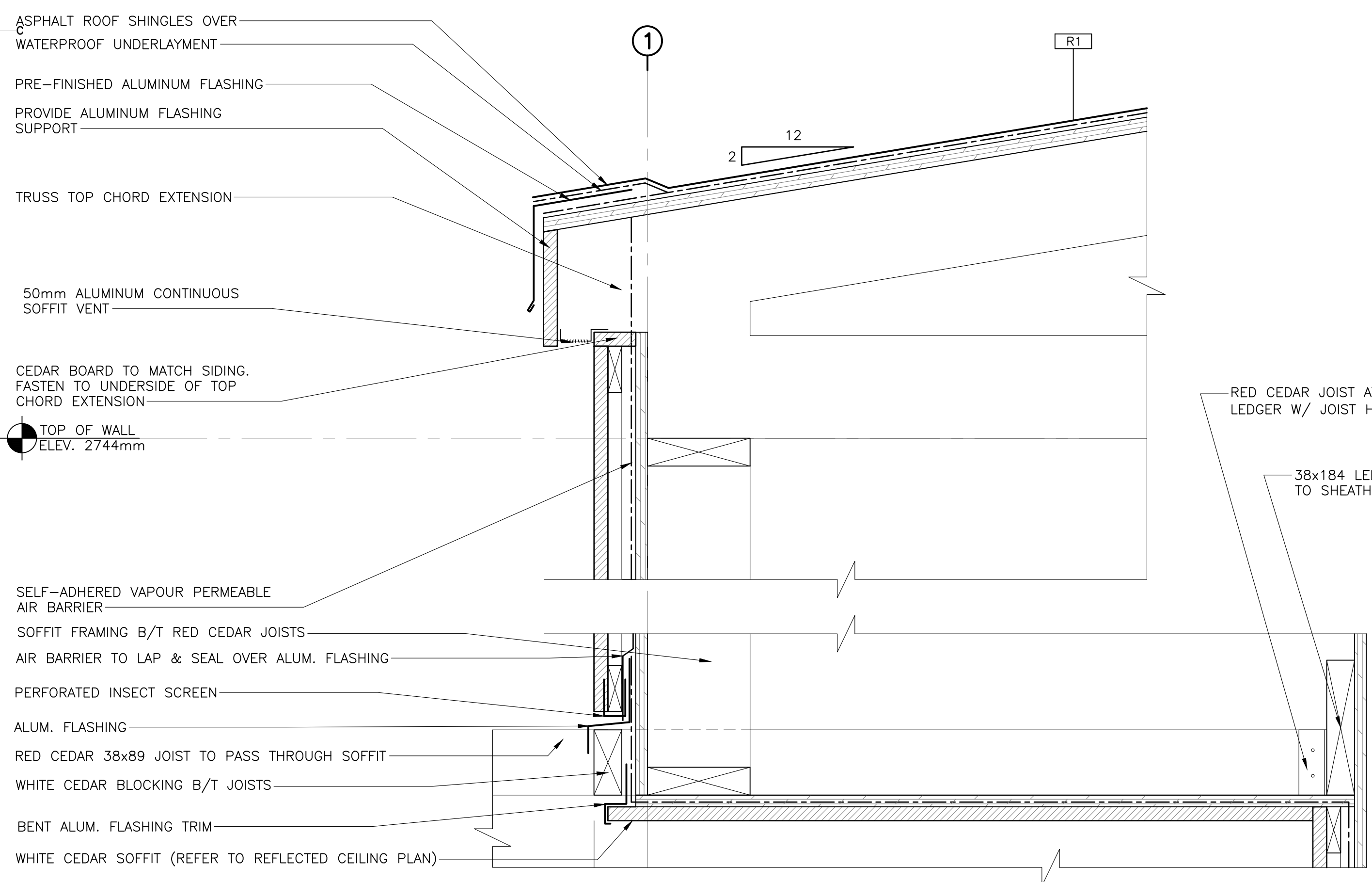
drawing / dessin  
**SECTION DETAILS**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-501	no. du dessin



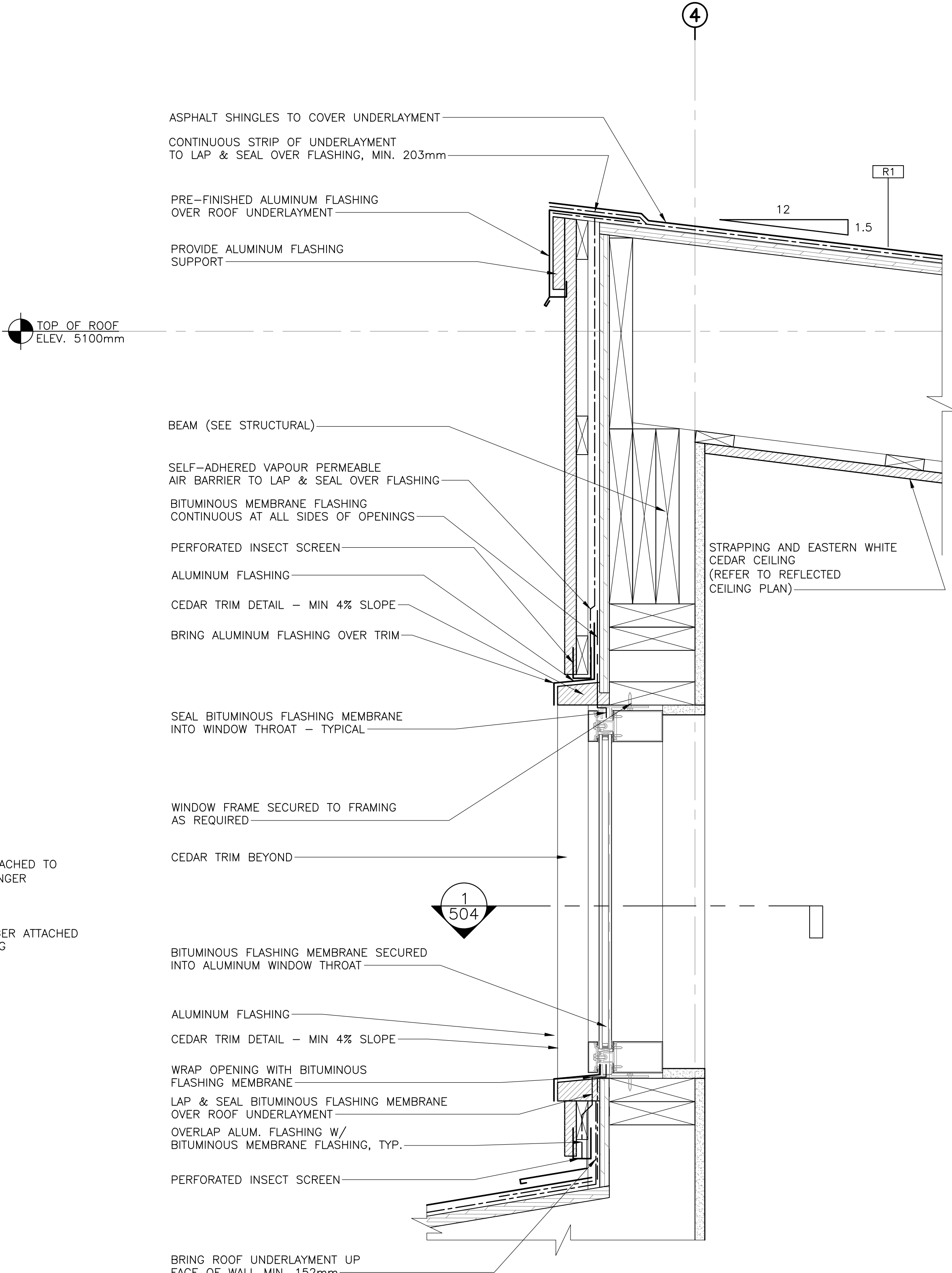
**1**  
 501 SECTION DETAIL - INTERIOR PARTITION

SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



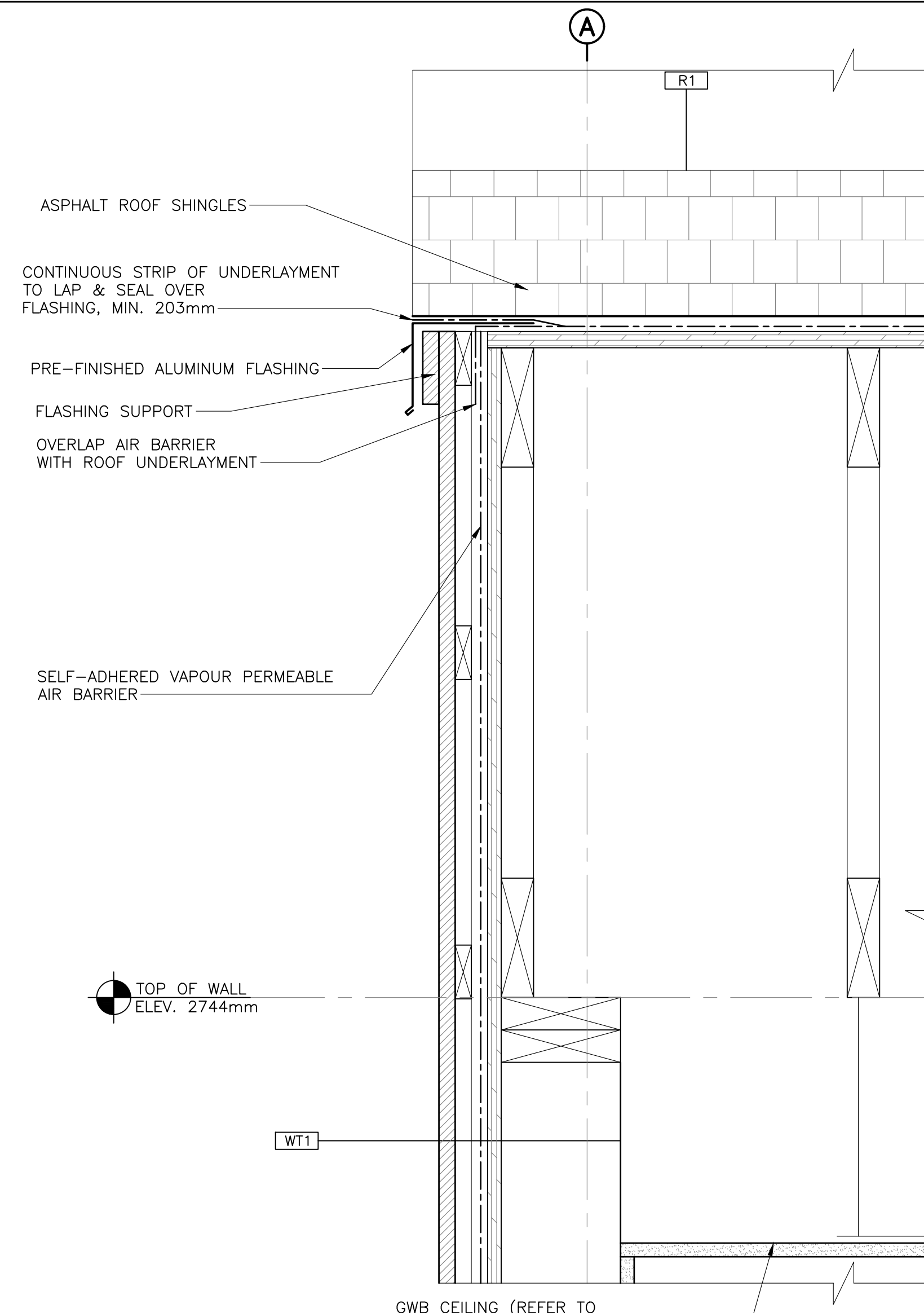
**2**  
 501 SECTION DETAIL - FASCIA

SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm

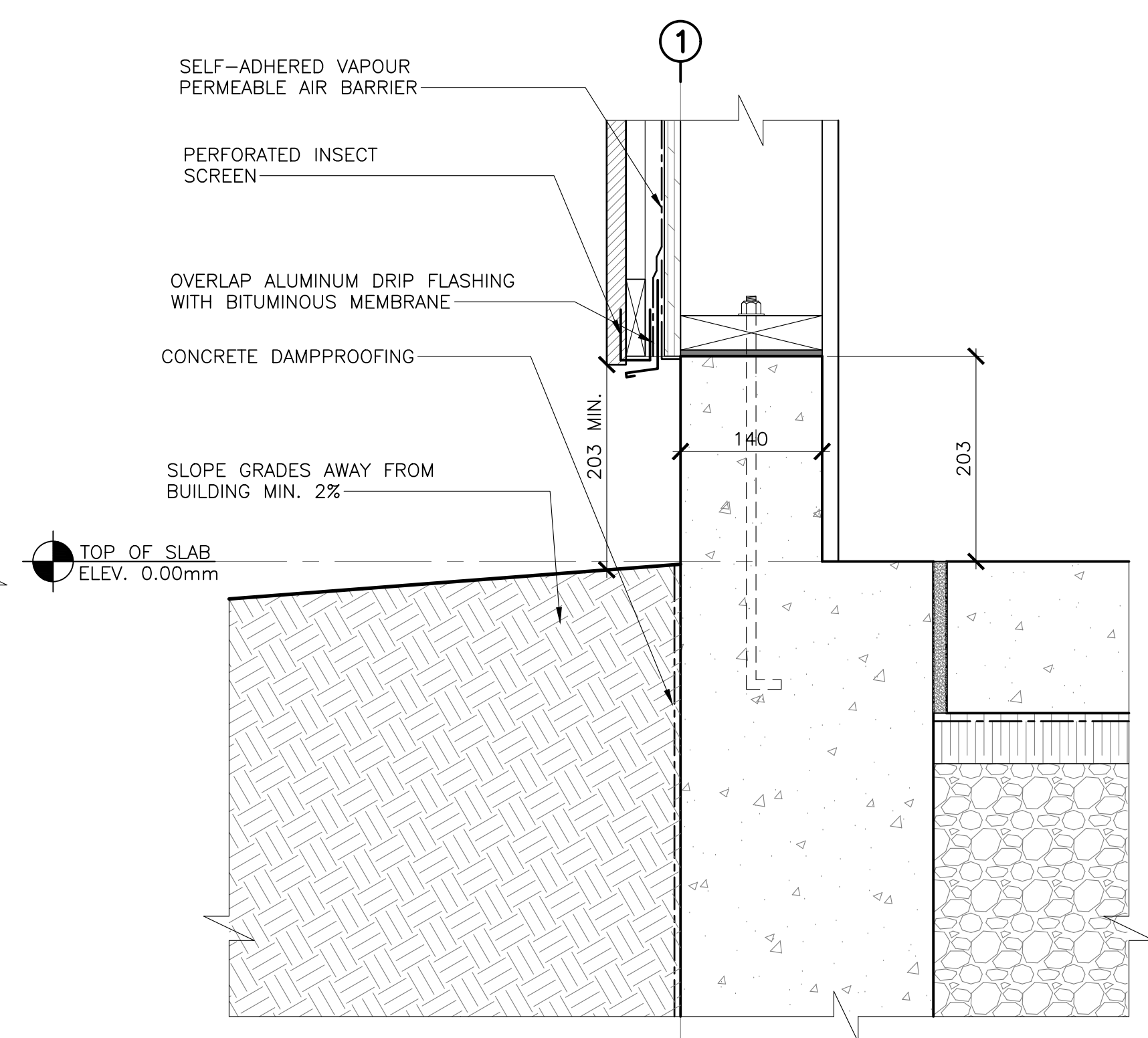


**3**  
 501 SECTION DETAIL - FASCIA/ WINDOW OPENING/SILL

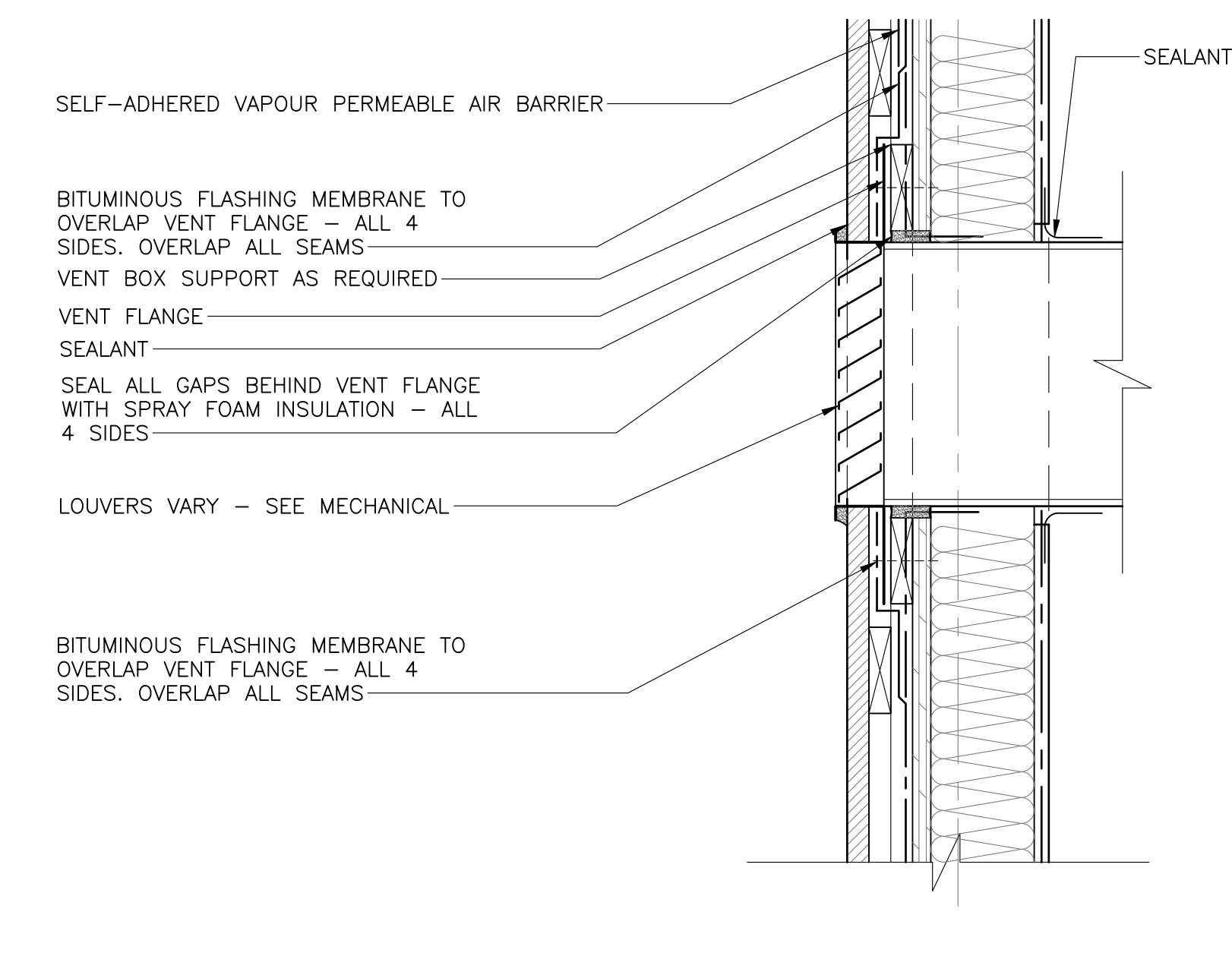
SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



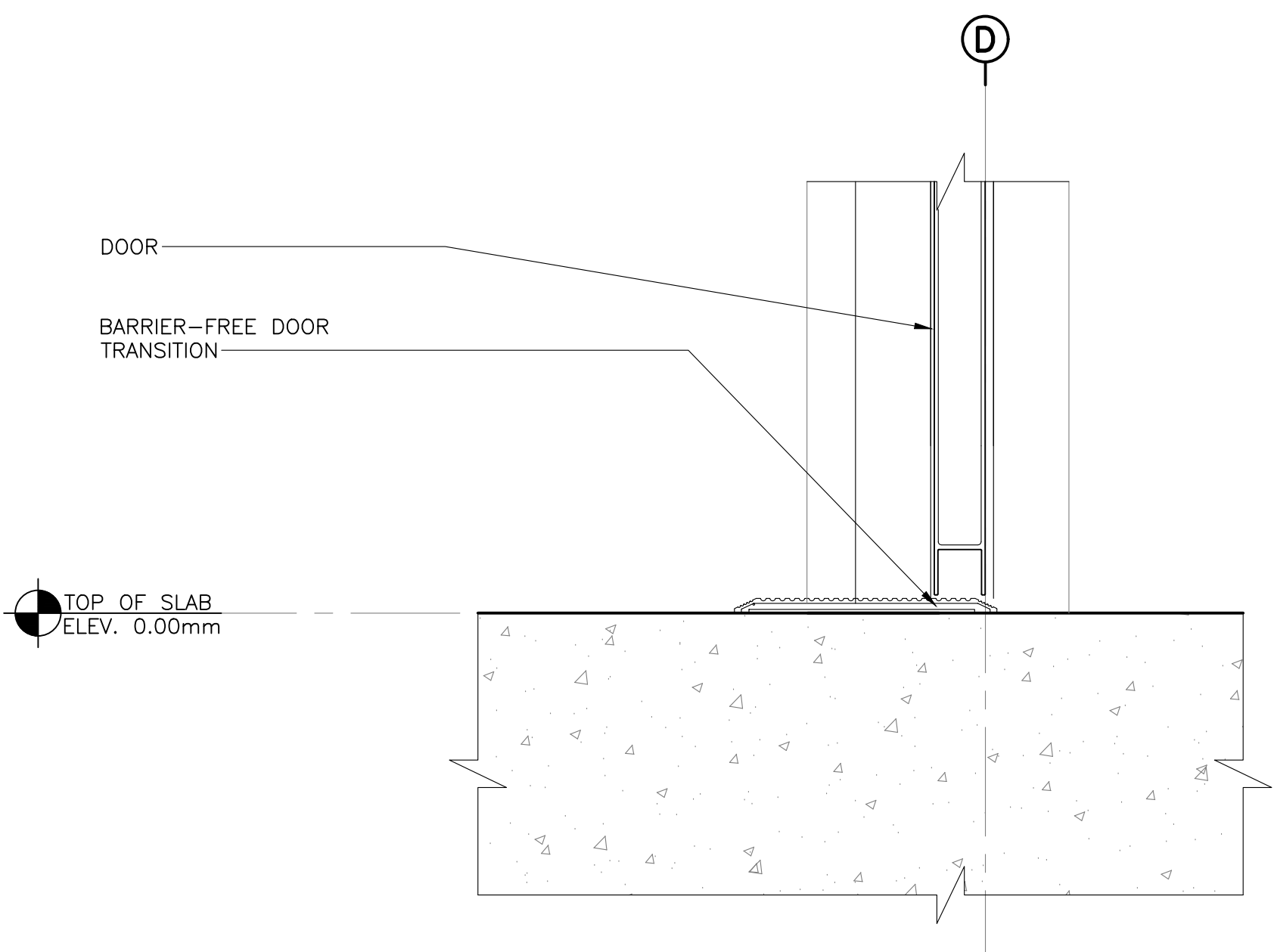
1 SECTION DETAIL - FASCIA  
 SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



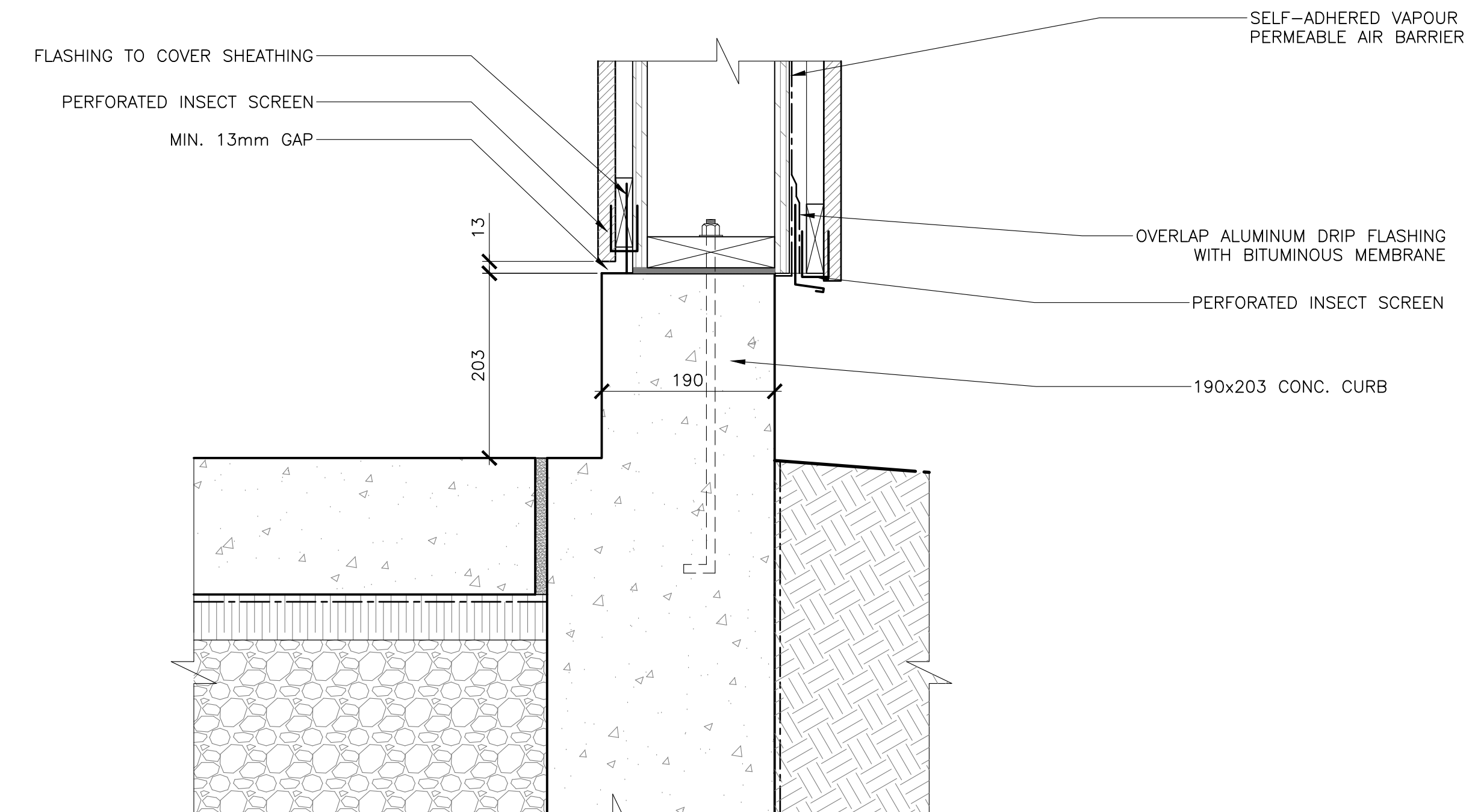
2 SECTION DETAIL - FOUNDATION  
 SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



3 SECTION DETAIL - VENT FLASHING  
 SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



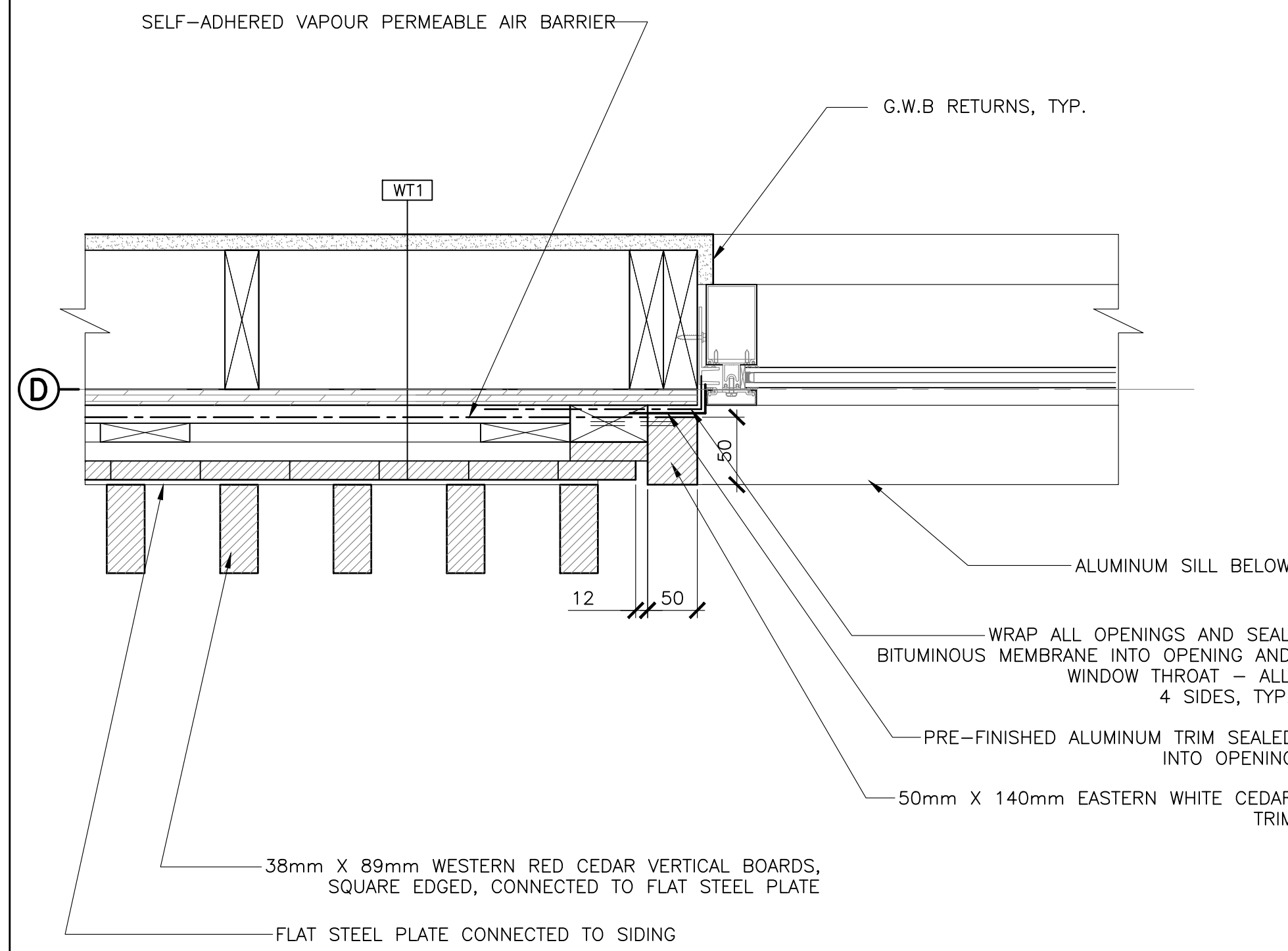
4 SECTION DETAIL - THRESHOLD  
 SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



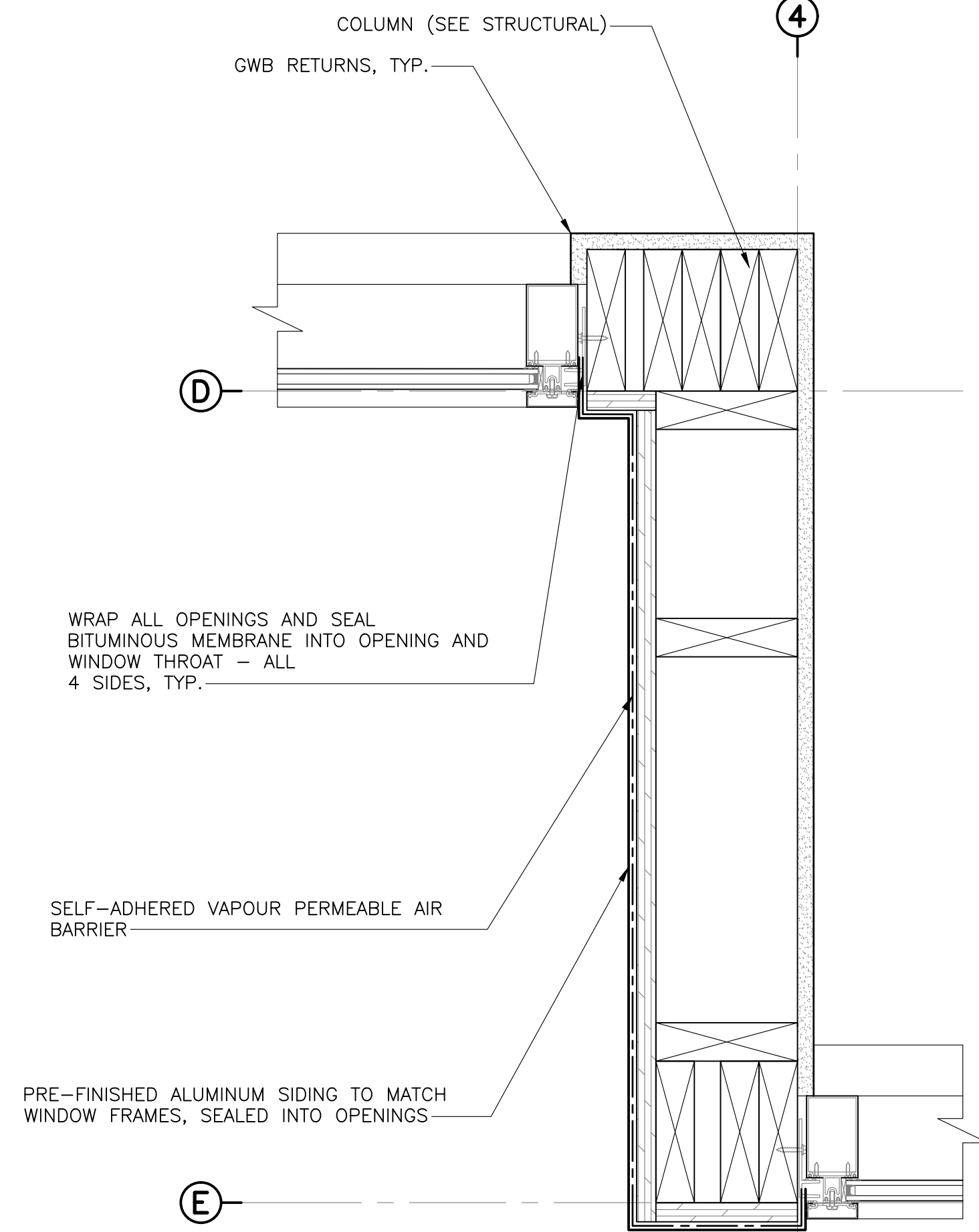
5 SECTION DETAIL - KITCHEN CONC. CURB  
 SCALE : 1:5  
 0mm 100mm 200mm 300mm 400mm 500mm



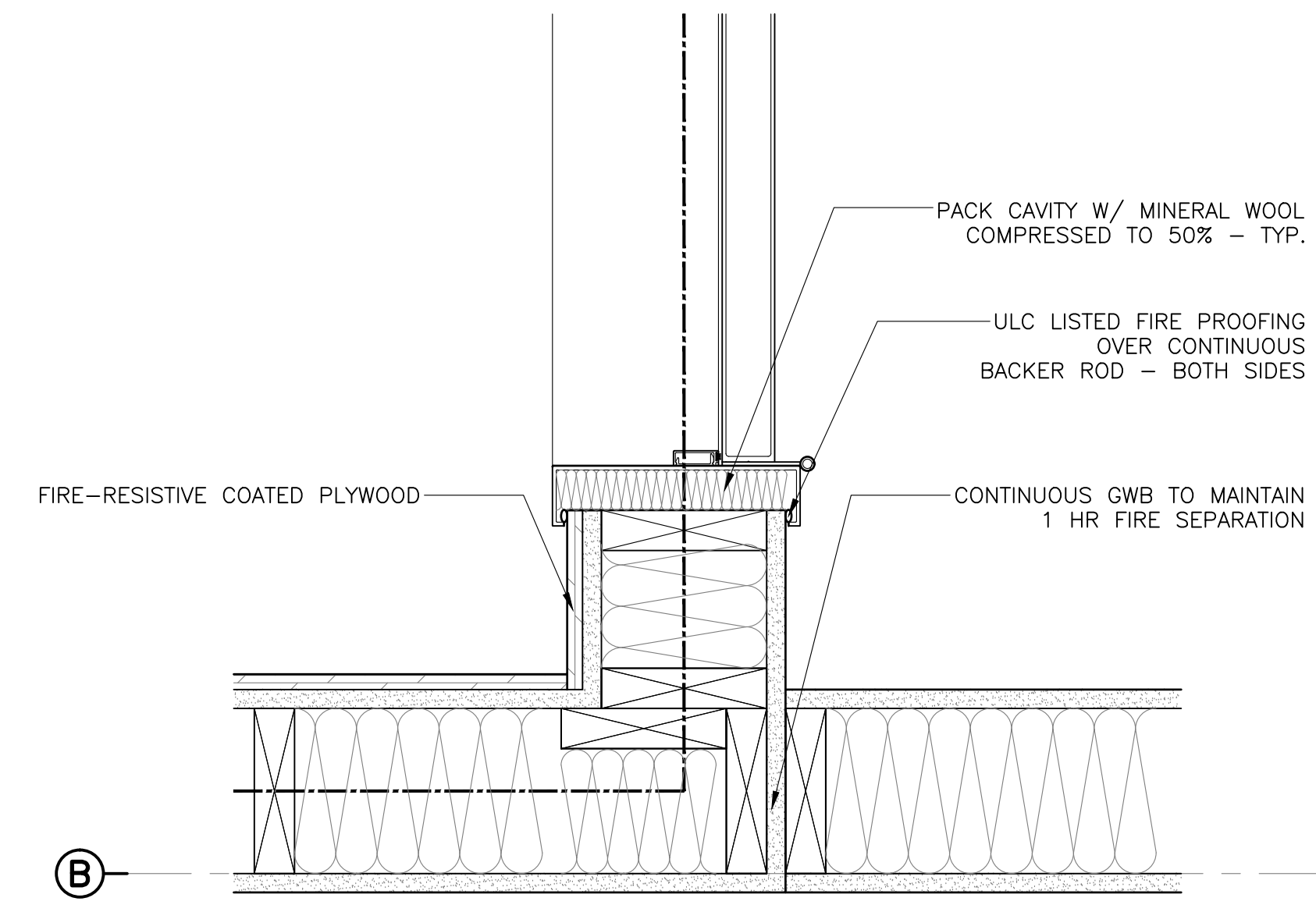
0	ISSUED FOR TENDER	07/11/2019
revisions		date
project	KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2	
drawing	SECTION DETAILS	
designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-502	no. du dessin



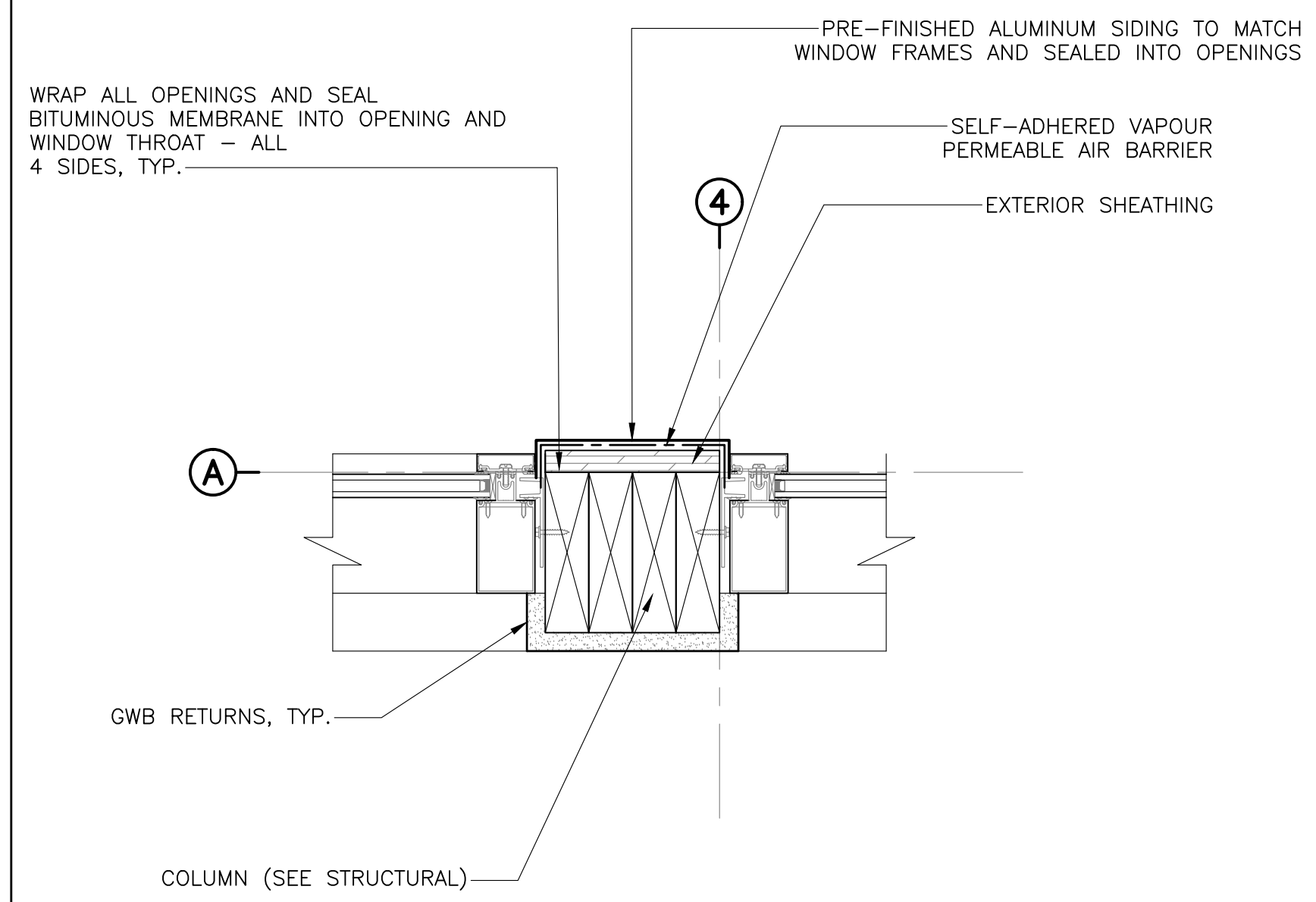
1  
503 PLAN DETAIL - WINDOW JAMB  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



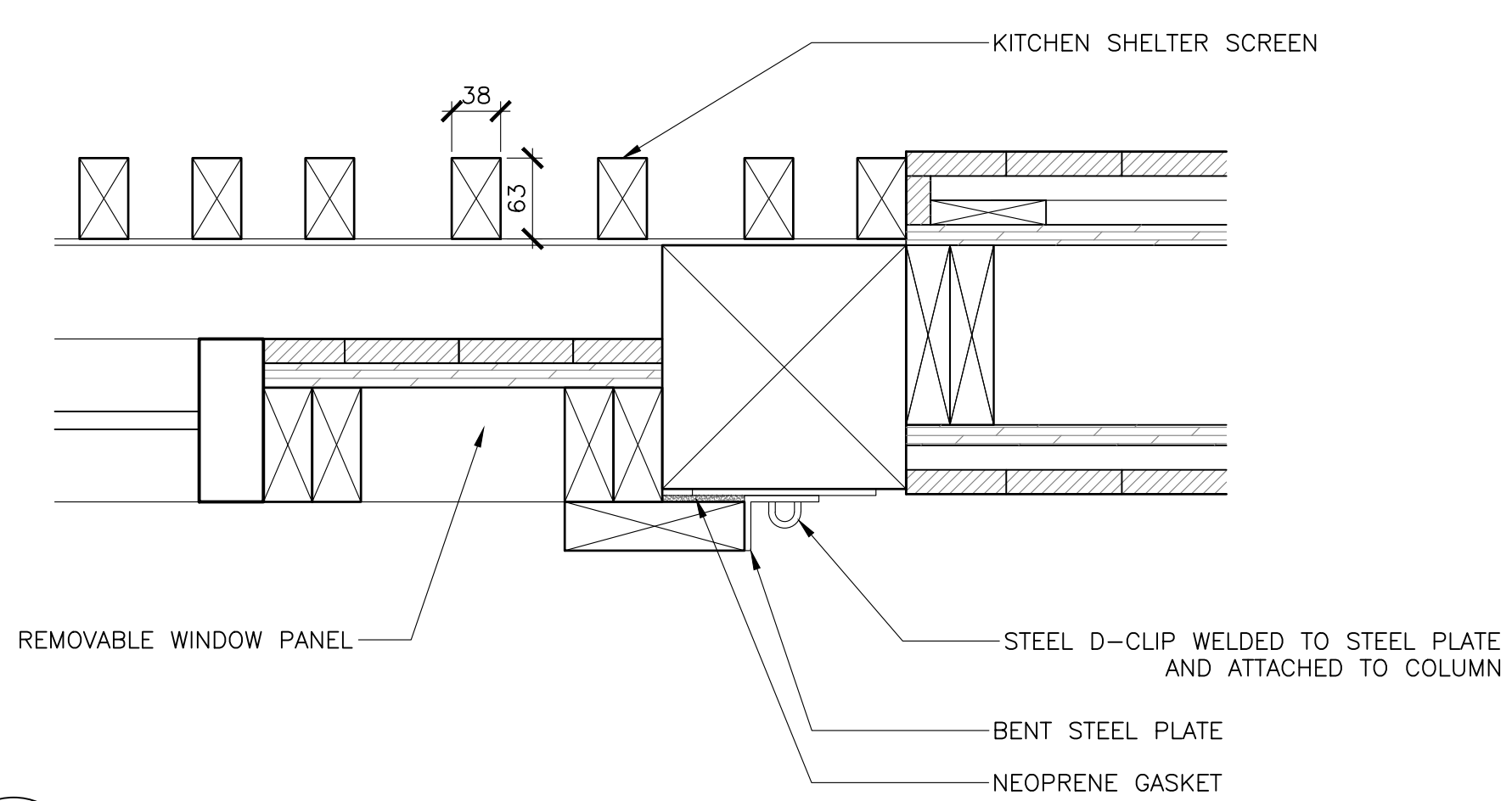
2  
503 PLAN DETAIL - ENTRANCE WALL  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



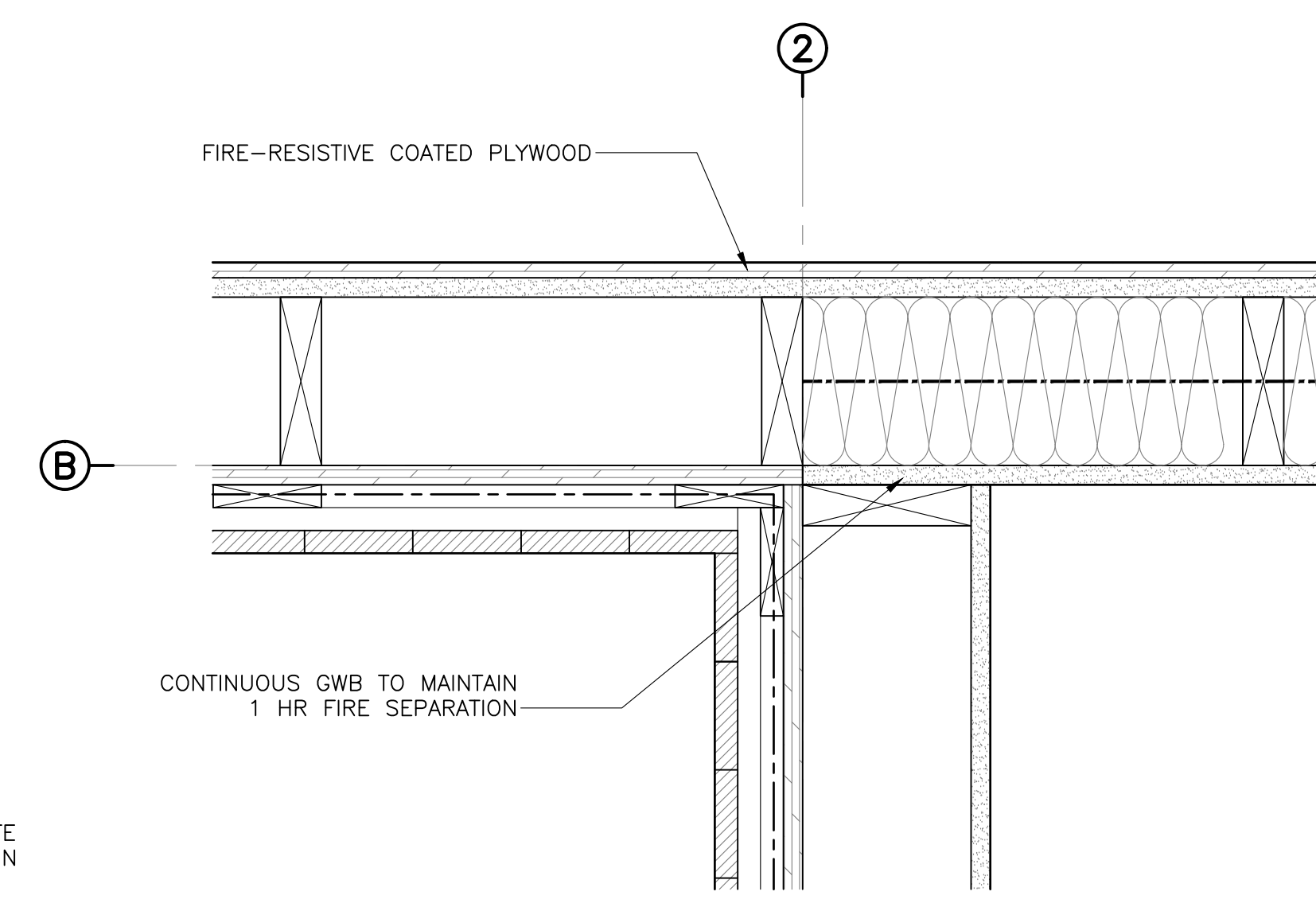
3  
503 PLAN DETAIL - FIRE SEPARATION  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



4  
503 PLAN DETAIL - COLUMN FLASHING  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



5  
503 PLAN DETAIL - KITCHEN COLUMN  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



6  
503 PLAN DETAIL - FIRE SEPARATION  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



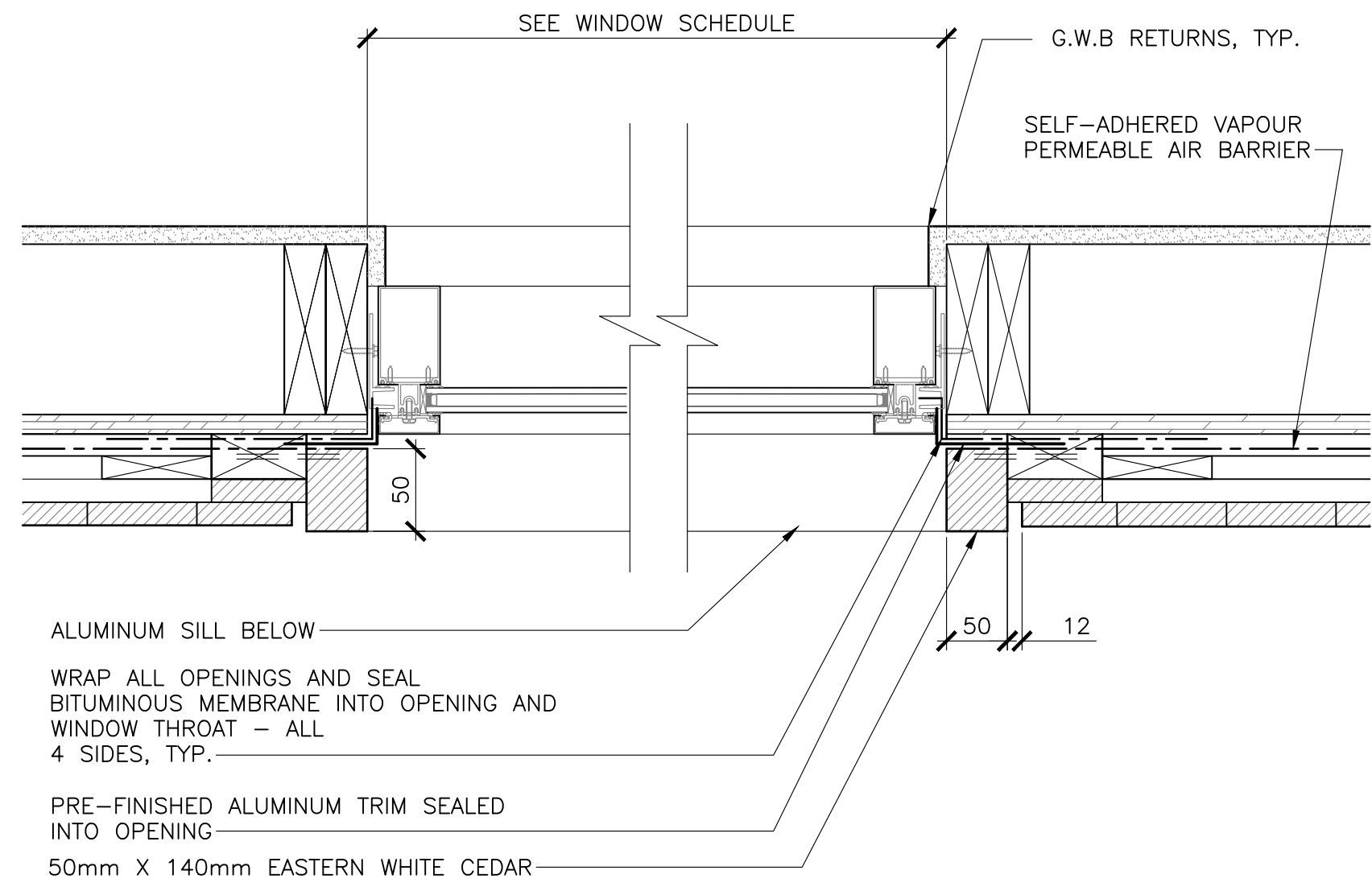
0	ISSUED FOR TENDER	07/11/2019
revisions		date

project: KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2

drawing: PLAN DETAILS

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-503	no. du dessin





1  
504  
PLAN DETAIL - WINDOW JAMB  
SCALE : 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project projet  
**KOUCHIBOUGUAC  
 SERVICE BUILDING E  
 954 PHASE 2**

drawing dessin  
**PLAN DETAILS**

designed BH/JB/CC conçu  
 date 02/01/2019  
 drawn BH/JB/CC dessiné  
 date 02/25/2019

approved approuvé  
 date  
 Tender Soumission  
**JOHN O'NEIL**  
 Project Manager Administrateur de projets  
 project number no. du projet  
**954**  
 drawing no. no. du dessin  
**A-504**



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

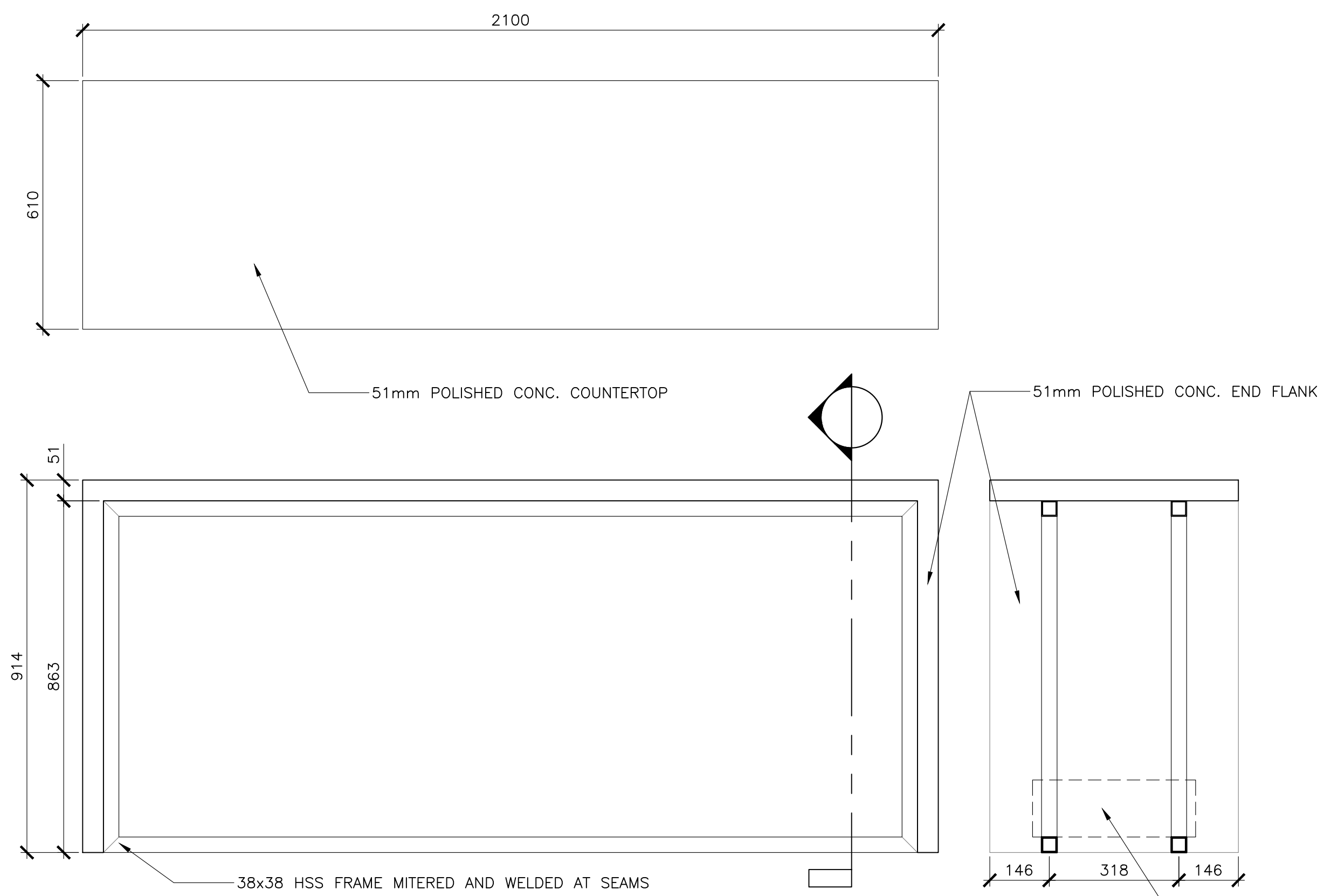
drawing / dessin  
**MILLWORK**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		

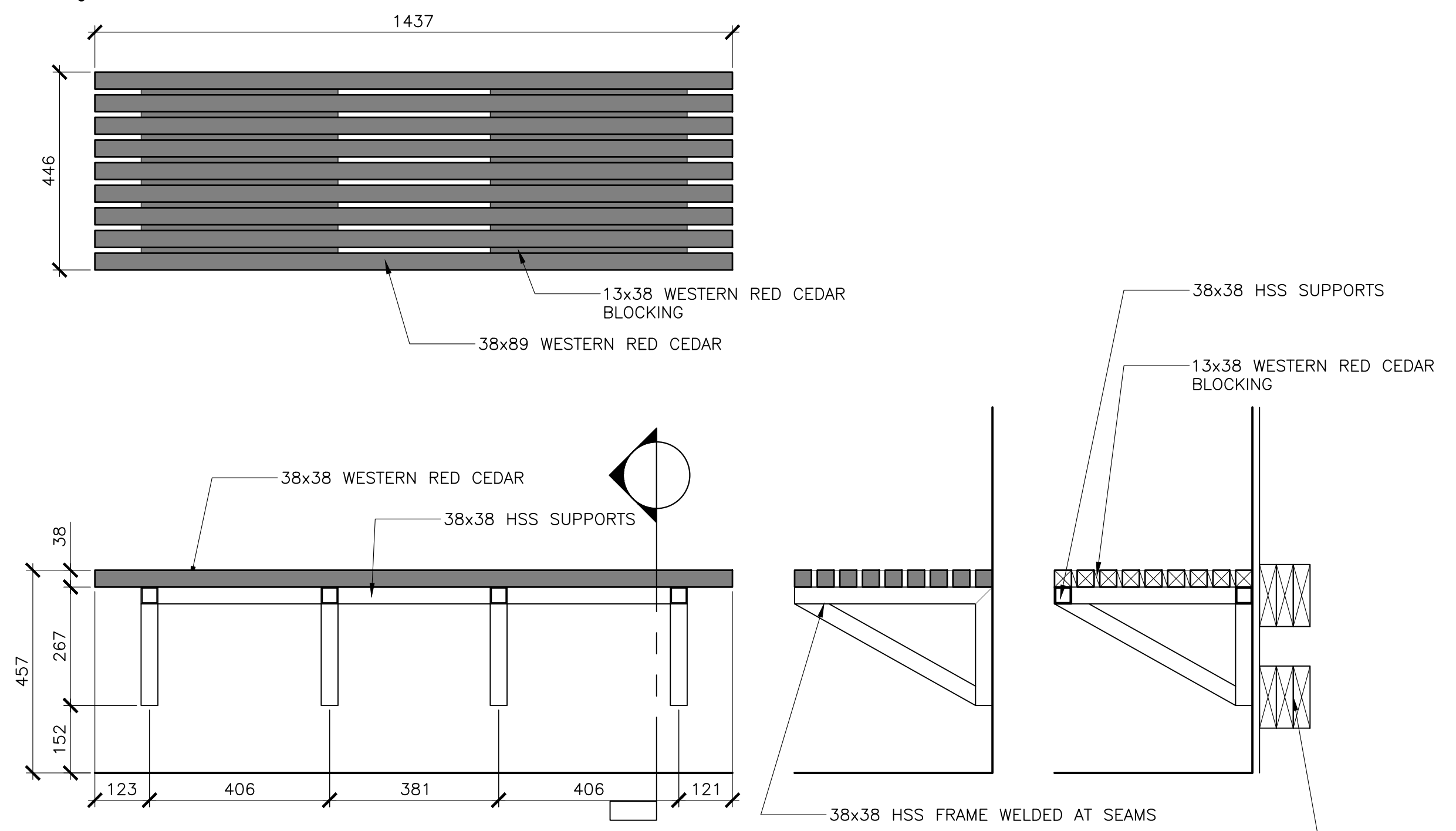
Tender / Soumission  
**JOHN O'NEIL**  
 Project Manager / Administrateur de projets

project number / no. du projet  
**954**

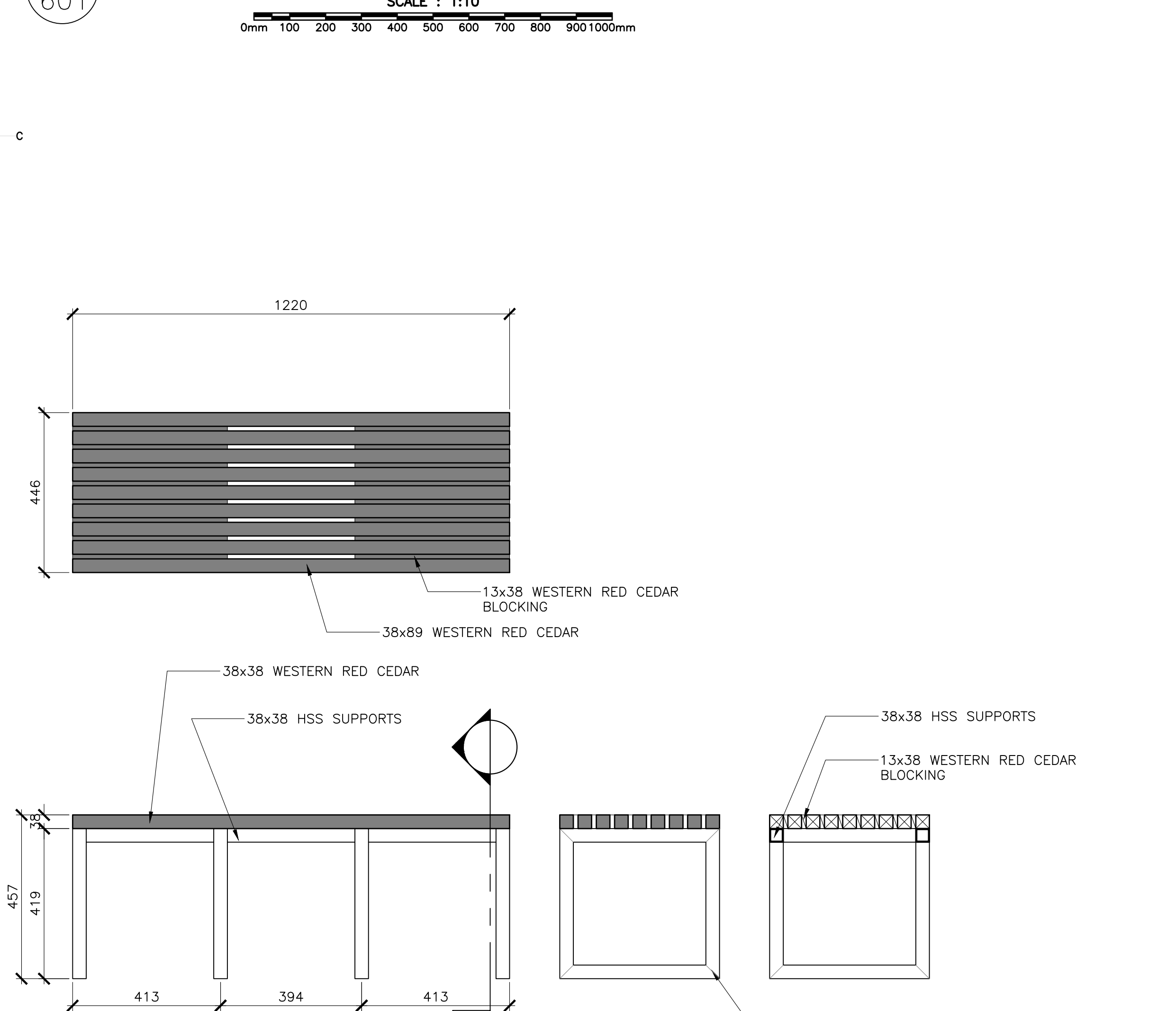
drawing no. / no. du dessin  
**A-601**



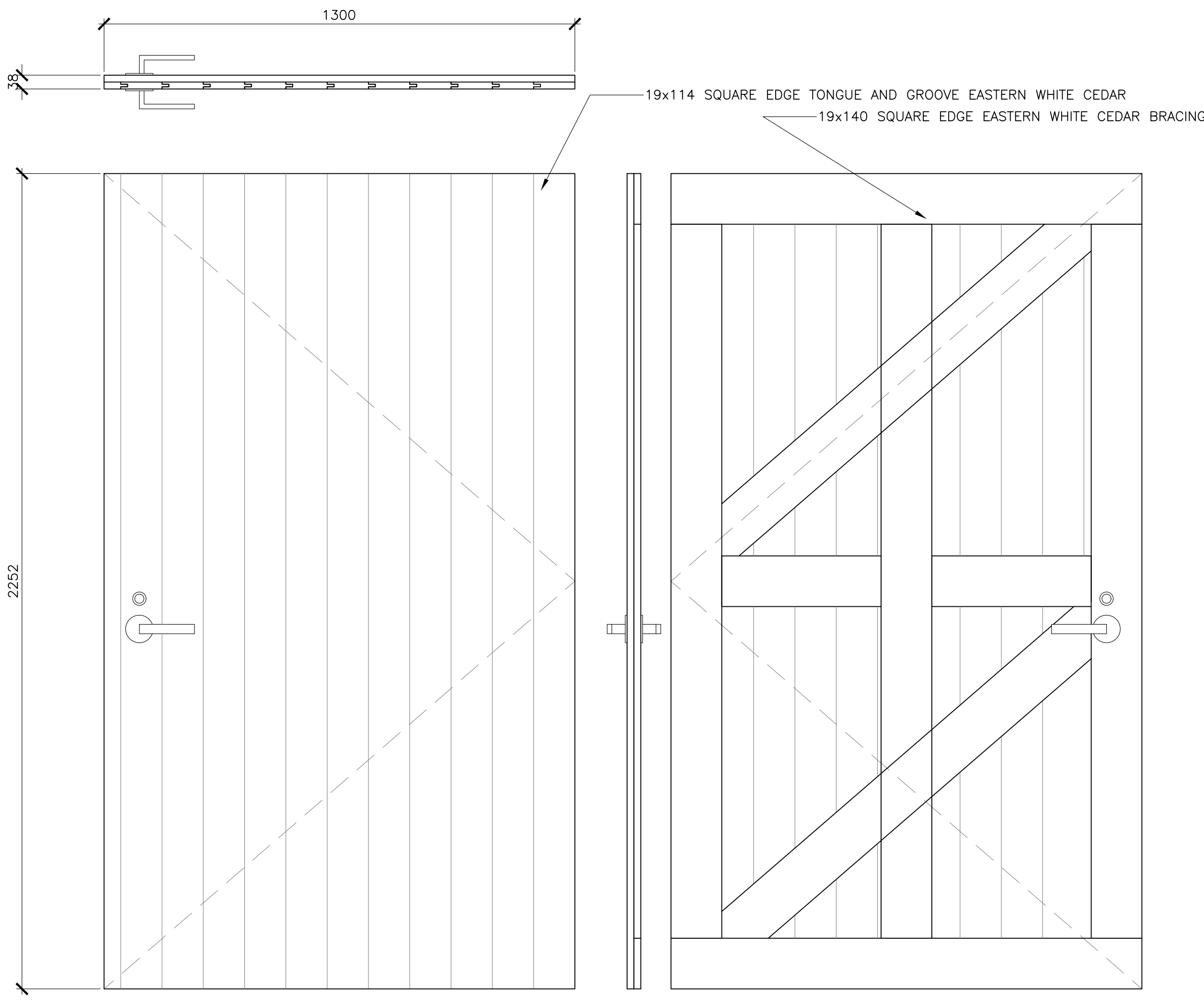
**1**  
 601  
**KITCHEN ISLAND**  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**2**  
 601  
**SHOWER BENCH**  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**3**  
 601  
**CORRIDOR/ FAMILY ROOM BENCH**  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



**4**  
 601  
**KITCHEN SHELTER CLOSET DOOR**  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm

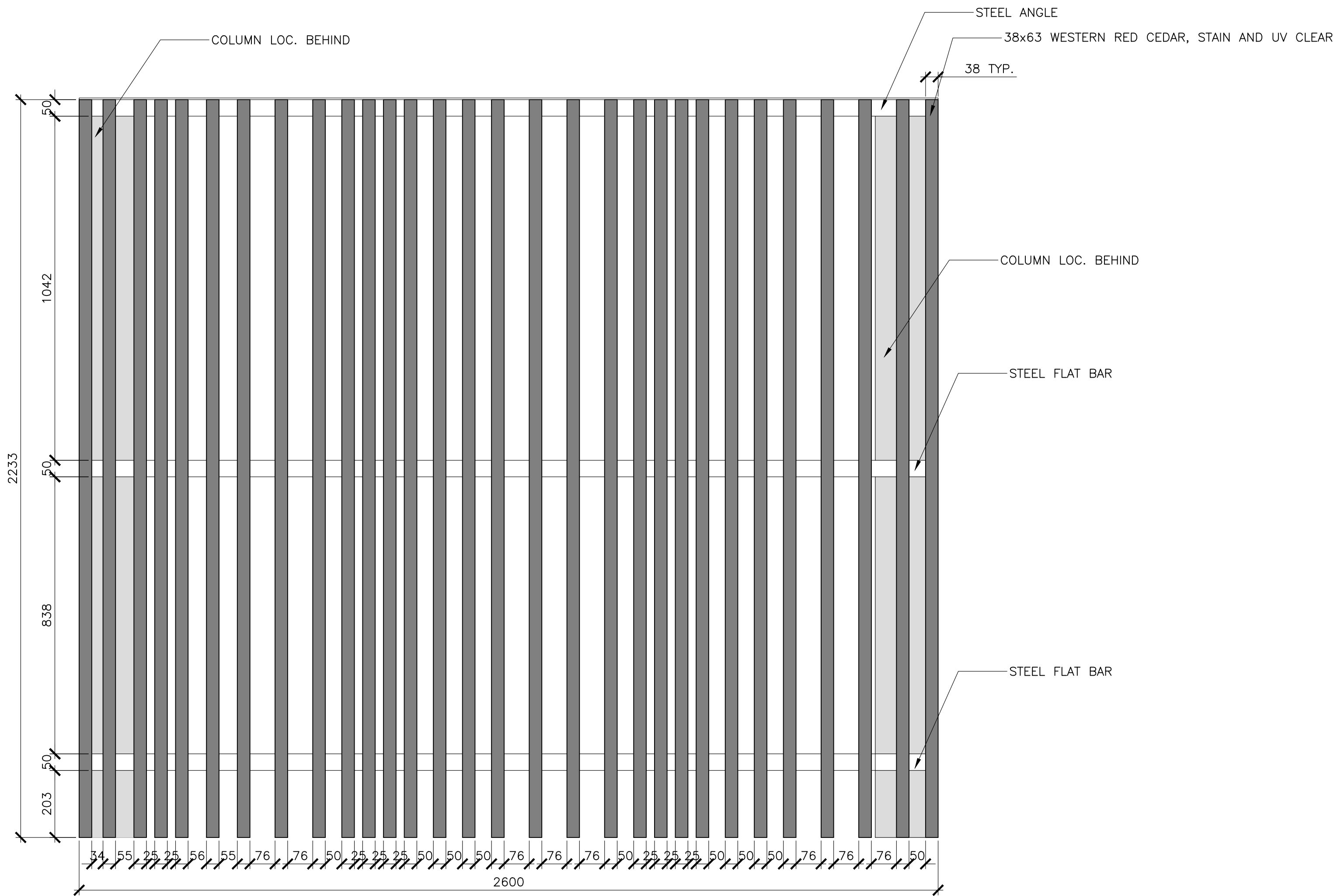


0	ISSUED FOR TENDER	07/11/2019
revisions		date

project / projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

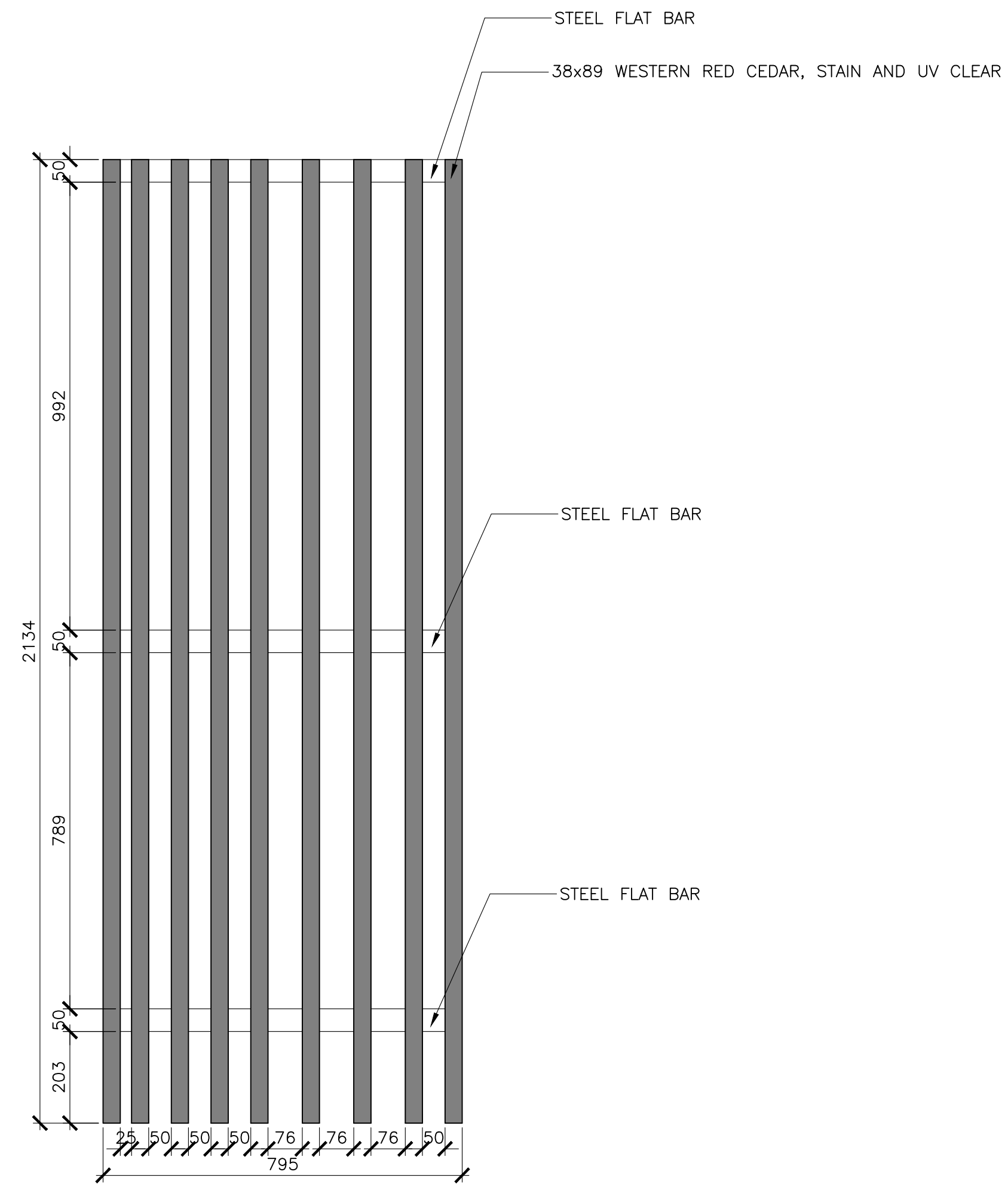
drawing / dessin  
**MILLWORK**

designed	BH/JB/CC	conçu
date	02/01/2019	
drawn	BH/JB/CC	dessiné
date	02/25/2019	
approved		approuvé
date		
Tender	JOHN O'NEIL	Soumission
Project Manager	Administrateur de projets	
project number	954	no. du projet
drawing no.	A-602	no. du dessin



NOTE: PROVIDE PILOT HOLES IN STEEL ANGLE AND FLAT BAR AT COLUMN LOC. TO ATTACH CEDAR SCREEN TO COLUMNS.  
 PROVIDE PILOT HOLES IN STEEL ANGLE AND FLAT BAR AT CEDAR LOC. TO ATTACH CEDAR TO STEEL.  
 ALL STEEL 3mm THICK W/ PRE-DRILLED PILOT HOLES, FACTORY FINISHED W/ POWDER COAT, BLACK.

**1**  
 602 TYPICAL KITCHEN SHELTER SCREEN  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



NOTE: PROVIDE PILOT HOLES IN STEEL FLAT BAR B/T CEDAR MEMBERS TO ATTACH SCREEN TO BUILDING FACE.  
 PROVIDE PILOT HOLES IN STEEL FLAT BAR AT CEDAR LOC. TO ATTACH CEDAR TO STEEL.  
 ALL STEEL 3mm THICK W/ PRE-DRILLED PILOT HOLES, FACTORY FINISHED W/ POWDER COAT, BLACK.

**2**  
 602 TYPICAL ENTRANCE SCREEN  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm





0	ISSUED FOR TENDER	07/11/2019
revisions		date

project projet  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

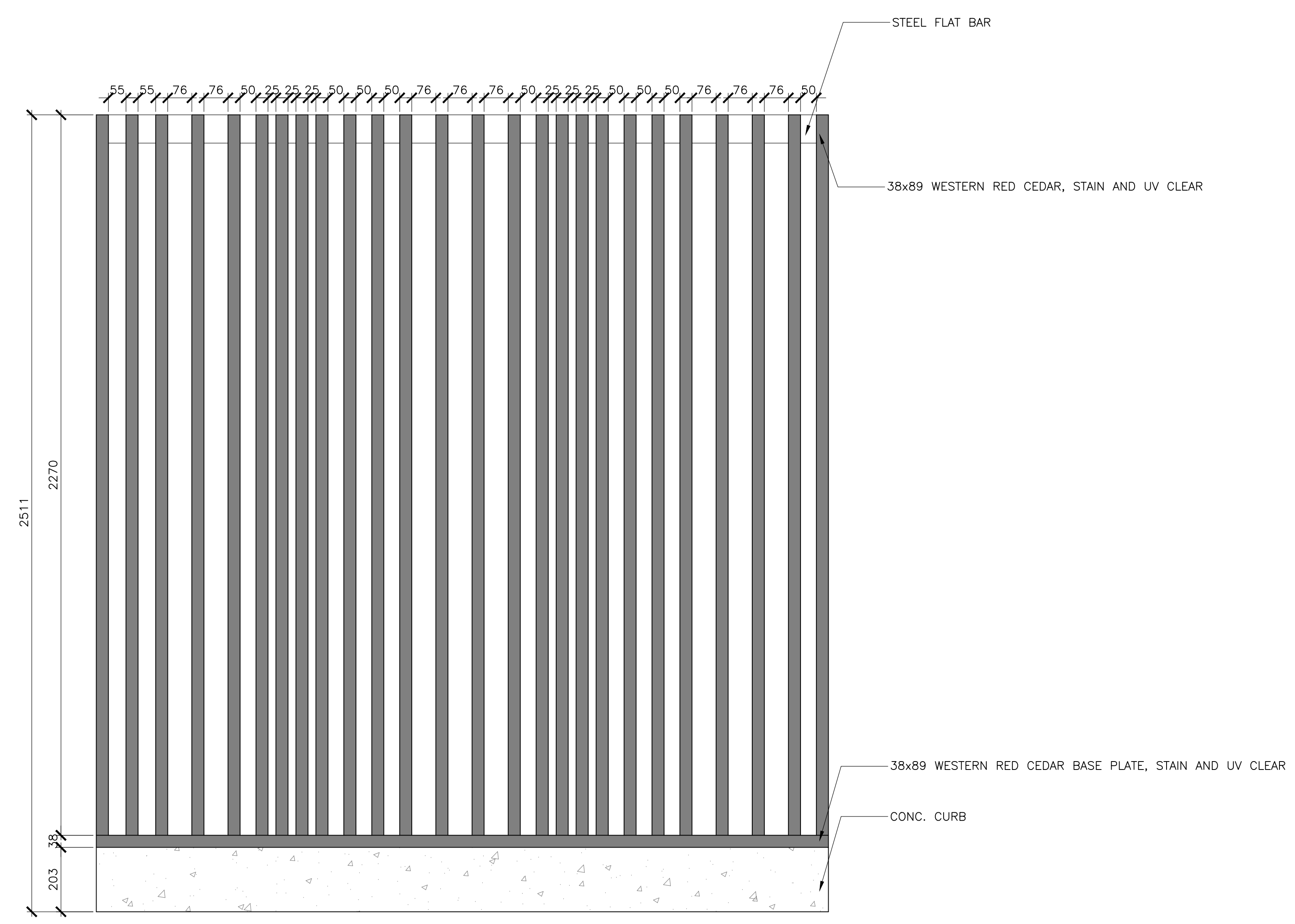
drawing dessin  
**MILLWORK**

designed BH/JB/CC conçu  
 date 02/01/2019  
 drawn BH/JB/CC dessiné  
 date 02/25/2019

approved approuvé  
 date  
 Tender Soumission  
**JOHN O'NEIL**  
 Project Manager Administrateur de projets

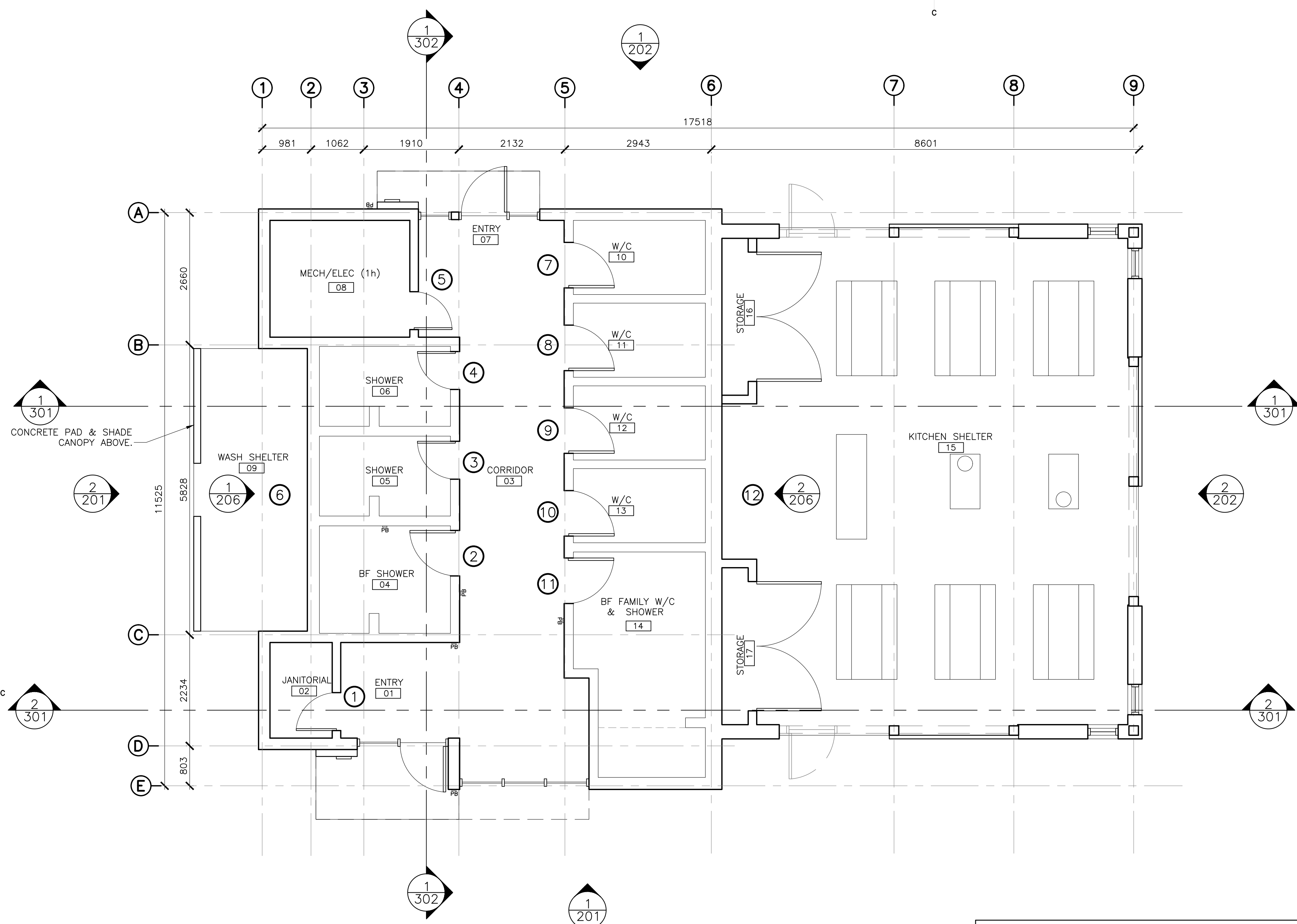
project number no. du projet  
**954**

drawing no. no. du dessin  
**A-603**



NOTE: PROVIDE PILOT HOLES IN STEEL FLAT BAR AT CEDAR LOC. TO ATTACH STEEL B/T CEDAR MEMBERS.  
 ALL STEEL 3mm THICK W/ PRE-DRILLED PILOT HOLES, FACTORY FINISHED W/ POWDER COAT, BLACK.

**1**  
**603**  
 TYPICAL WASH SHELTER SCREEN  
 SCALE : 1:10  
 0mm 100 200 300 400 500 600 700 800 900 1000mm



1  
701 SIGNAGE PLAN / SCHEDULE  
SCALE: 1:50

PARKS CANADA DOCUMENTS AND STANDARDS:

1. SYMBOLS/CODES REFER TO PARKS CANADA'S 'APPENDIX A - SIGNAGE SYMBOLS', COORDINATE WITH DEPARTMENTAL REPRESENTATIVE.
2. REFER TO 'TOWARDS A DIRECTIVE ON INCLUSIVE WASHROOM DESIGN' FOR SYMBOL GROUPING AND GENERAL PRACTICE.

ROOM IDENTIFIER SIGNS:

COORDINATE WITH DEPARTMENTAL REPRESENTATIVE FOR ROOM # SEQUENCE AND ROOM NAMES. SUBMIT SIGN SCHEDULE FOR APPROVAL AS PER SPECIFICATIONS.

ROOM SIGNAGE SCHEDULE

ROOM #	ROOM/AREA NAME	SIGN ID	SYMBOLS/CODES				ROOM IDENTIFICATION
02	JANITORIAL	①					ROOM # AND NAME
04	BF SHOWER	②	6-1-106				ROOM #
05	SHOWER	③	6-1-045				ROOM #
06	SHOWER	④	6-1-045				ROOM #
08	MECHANICAL / ELECTRICAL	⑤					ROOM # AND NAME
09	WASH SHELTER	⑥	6-1-111				
10	W/C	⑦	6-1-146	6-1-159			ROOM #
11	W/C	⑧	6-1-146	6-1-159			ROOM #
12	W/C	⑨	6-1-146	6-1-159			ROOM #
13	W/C	⑩	6-1-146	6-1-159			ROOM #
14	BF FAMILY W/C & SHOWER	⑪	6-1-158	6-1-106	6-1-159	6-1-051	ROOM #
15	KITCHEN SHELTER	⑫	6-1-111				



0	ISSUED FOR TENDER	07/11/2019
revisions		date

project: KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2

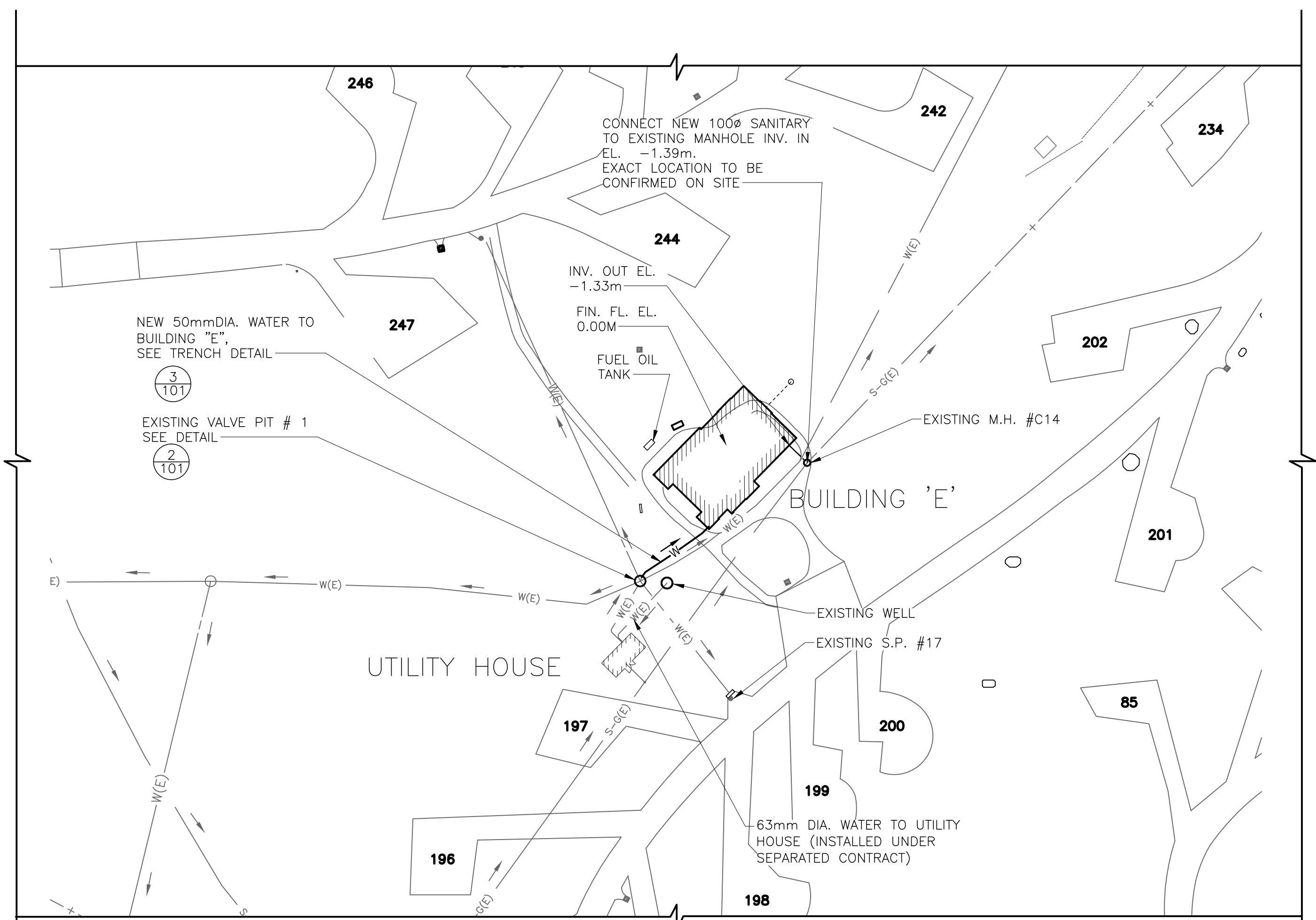
drawing: SIGNAGE PLAN / SCHEDULE

designed: BH/JB/CC  
date: 02/01/2019  
drawn: BH/JB/CC  
date: 02/25/2019

approved: [Signature]  
date: [Date]  
Tender: JOHN O'NEIL  
Project Manager: Administrateur de projets  
project number: 954

drawing no.: A-701

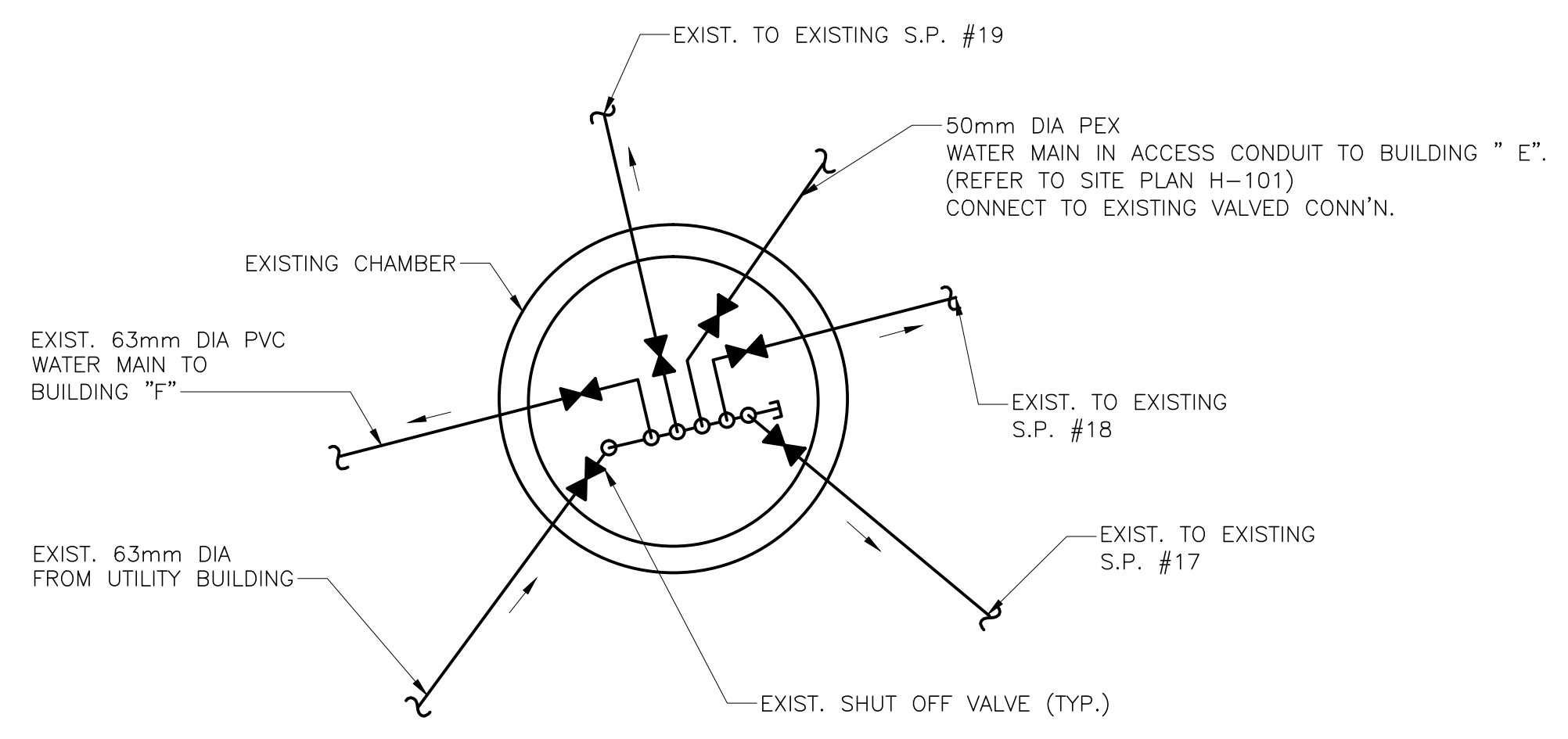
THIS SITE PLAN IS BASED ON CLIENT SUPPLIED INFORMATION AND MAY NOT BE ACCURATE. CONTRACTOR TO REVIEW WITH PARKS CANADA PRIOR TO COMMENCING WORK.



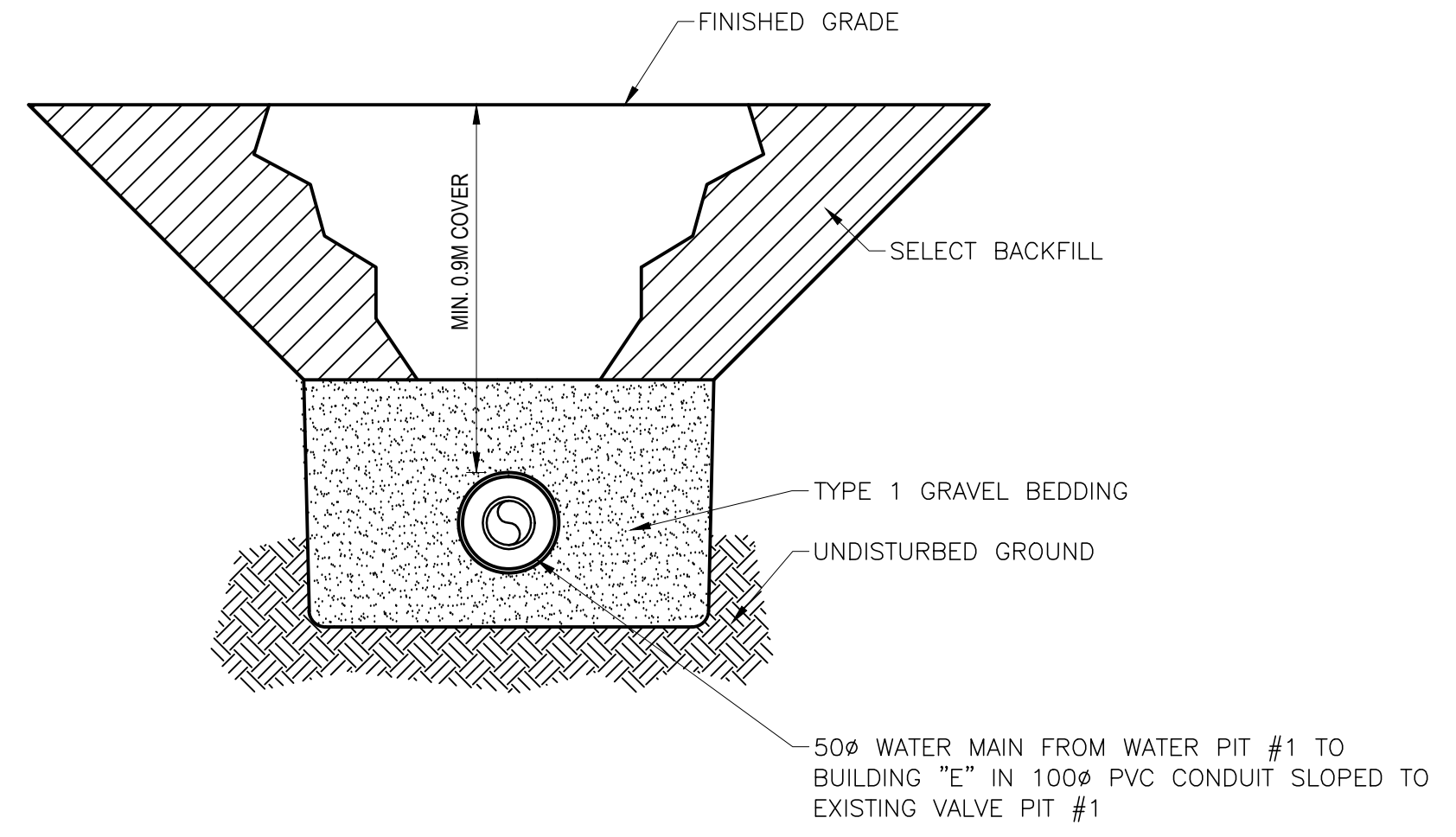
**LEGEND**

S-FM(E)	EXISTING 75 PVC SANITARY FORCED MAIN
S-G(E)	EXISTING 150 PVC GRAVITY SEWER MAIN
	NEW GRAVITY SEWER
W(E)	EXISTING WATER MAIN
W	NEW WATER MAIN

**1**  
101 **SITE PLAN**  
SCALE : 1:500  
0m 10m 20m 30m 40m 50m



**2**  
101 **EXISTING VALVE PIT # 1**  
SCALE : N.T.S.



**3**  
101 **TRENCH**  
SCALE : N.T.S.

0	ISSUED FOR TENDER	JUL 10 2019
revisions		date

project project  
**KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

**MECHANICAL SITE PLAN**

designed R.K.	conçu
date JULY 10, 2019	
drawn T.H.	dessiné
date JULY 10, 2019	
approved K.M.	approuvé
date JULY 10, 2019	
Tender	Soumission

PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
<b>954</b>	

drawing no. no. du dessin  
**H-101**





**EKISTICS PLANNING & DESIGN**

1 STARR LANE, DARTMOUTH  
PH: (902)461-2525 FAX: (902)465-3131



Wood Environment & Infrastructure Solutions  
Wood Architectural Services Ltd.  
a Division of Wood Canada Limited  
50 Troop Avenue, Suite 300  
Dartmouth, Nova Scotia



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project		projet

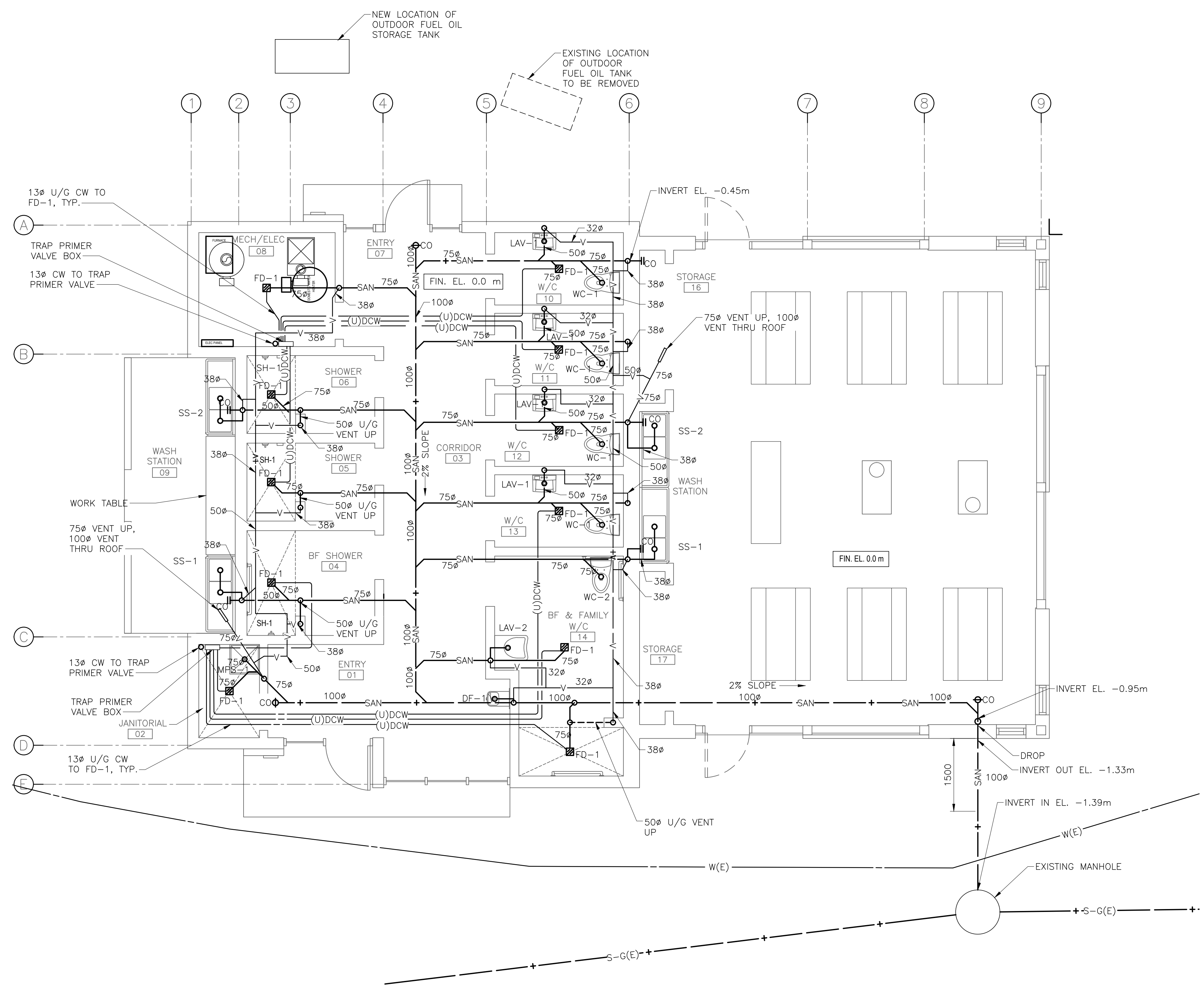
**KOUCHIBOUGUAC  
SERVICE BUILDING E  
954 PHASE 2**

**FLOOR PLAN  
SANITARY AND VENT  
PIPING**

designed R.K.	conçu
date JULY 10, 2019	
drawn T.H.	dessiné
date JULY 10, 2019	
approved K.M.	approuvé
date JULY 10, 2019	
Tender	Soumission

PWGSC Project Manager Administrateur de projets TPSGC  
project number no. du projet  
**954**

drawing no. no. du dessin  
**H-102**



**1**  
**102** **FLOOR PLAN - SANITARY**  
SCALE : 1:50

**LEGEND**

— + - S - G (E) —	EXISTING 150 PVC GRAVITY SEWER MAIN
— W (E) —	EXISTING WATER MAIN
— SAN —	UNDERSLAB SANITARY PIPE
— (U)DCW —	UNDERSLAB COLD WATER TO FLOOR DRAIN
— V —	VENT PIPING
▣ FD-1	FLOOR DRAIN
⊙ CO	CLEAN OUT



**EKISTICS PLANNING & DESIGN**

1 STARR LANE, DARTMOUTH  
PH: (902)461-2525 FAX: (902)465-3131



Wood Environment & Infrastructure Solutions  
Wood Architectural Services Ltd.  
a Division of Wood Canada Limited  
50 Troop Avenue, Suite 300  
Dartmouth, Nova Scotia



0	ISSUED FOR TENDER	JUL 10 2019
---	-------------------	-------------

revisions		date
project		projet

**KOUCHIBOUGUAC SERVICE BUILDING E  
954 PHASE 2**

**FLOOR PLAN  
DOMESTIC WATER  
PIPING**

designed R.K. conçu

date JULY 10, 2019

drawn T.H. dessiné

date JULY 10, 2019

approved K.M. approuvé

date JULY 10, 2019

Tender Soumission

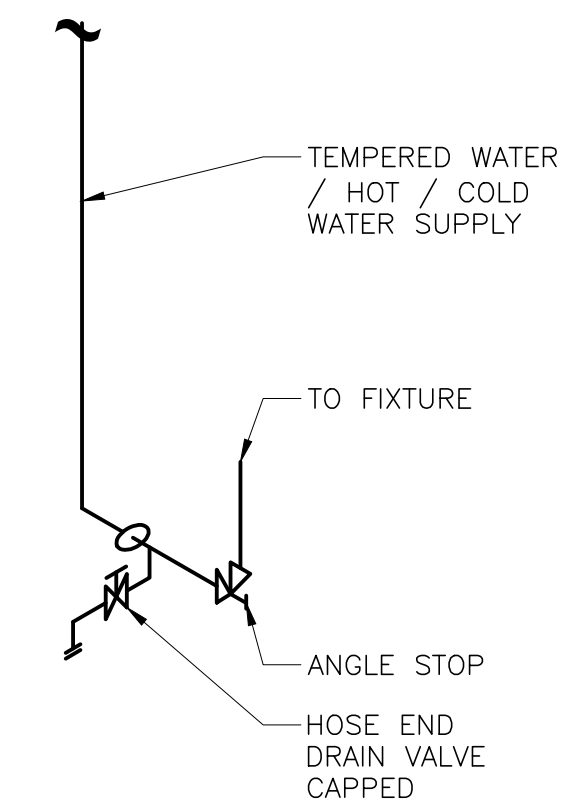
PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

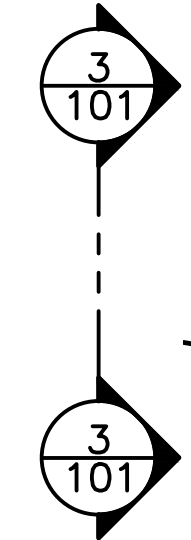
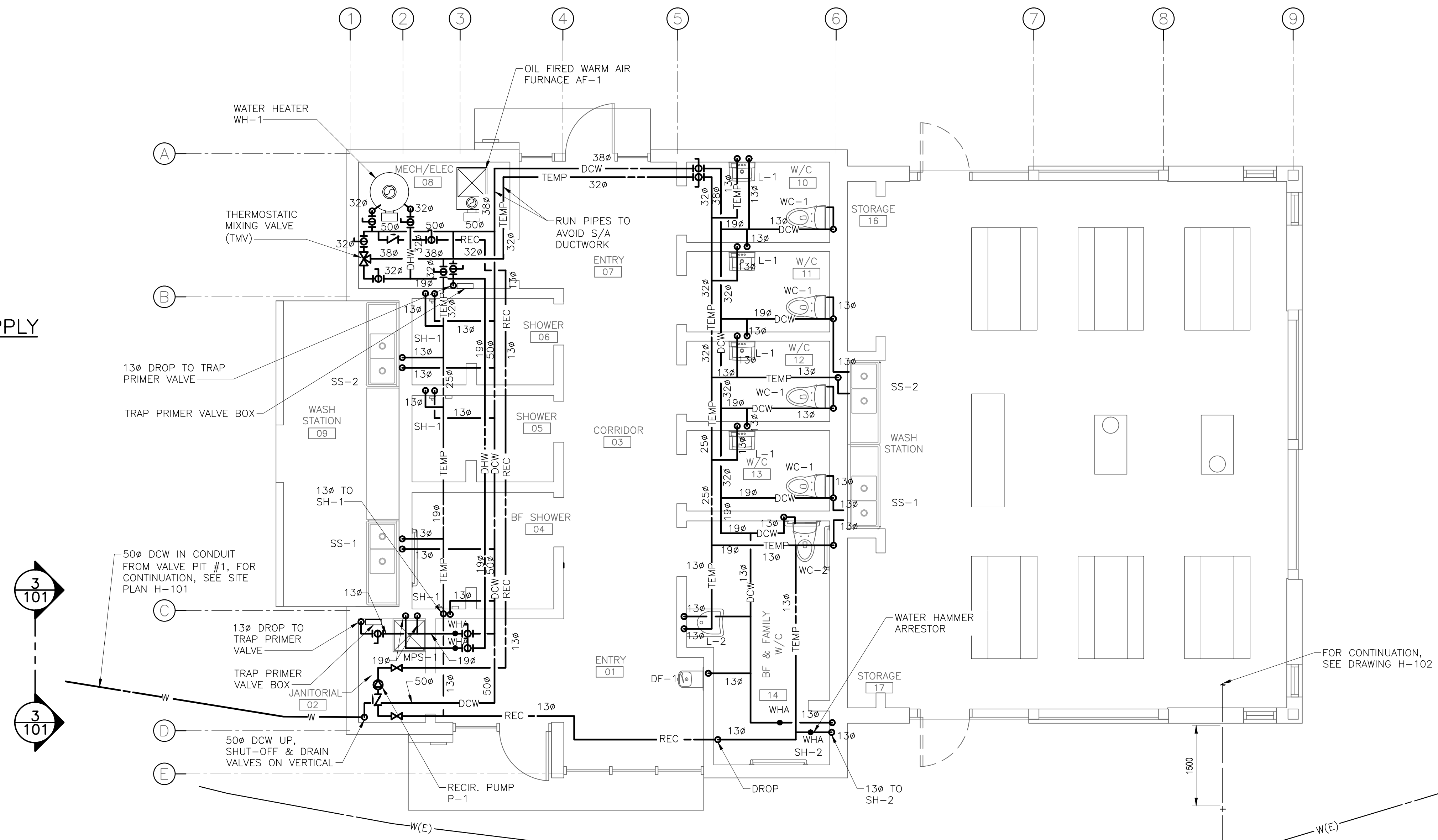
**954**

drawing no. no. du dessin

**H-103**

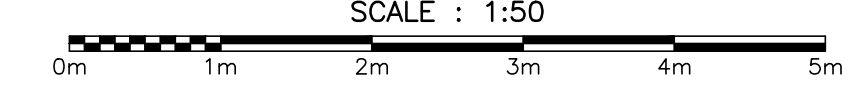


**2**  
**103** TYPICAL FIXTURE WATER SUPPLY  
CONNECTION DRAIN DETAIL  
SCALE : N.T.S.



NOTE:  
1. ALL PIPING AT CEILING LEVEL IN SHOWERS  
04, 05, 06 & ENTRY 01 TO RUN BELOW  
BOTTOM CHORD OF ROOF TRUSSES.

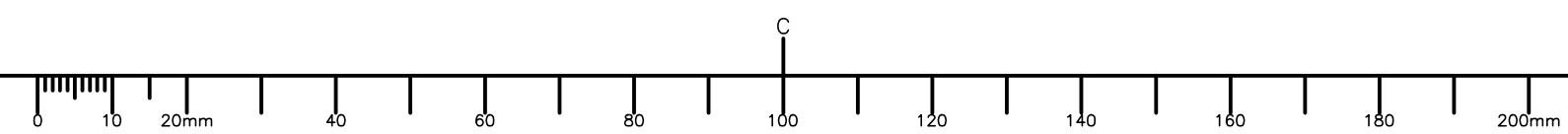
**1**  
**103** FLOOR PLAN - DOMESTIC WATER  
SCALE : 1:50



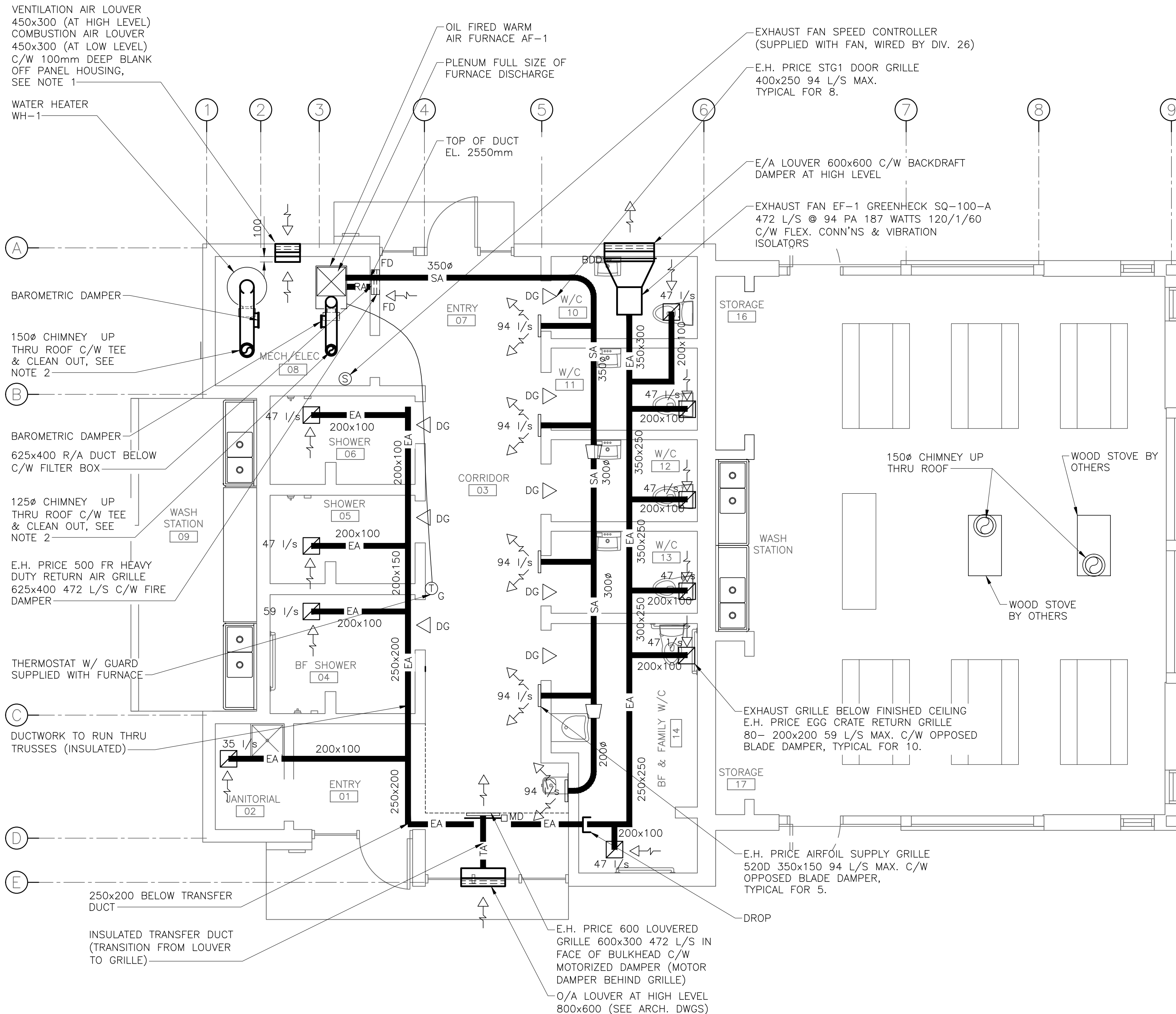
ITEM	DESCRIPTION	PIPE/SERVICE CONNECTIONS					NOTES
		DHW	DCW	TEMPERED	SANITARY	VENT	
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	13	-	75	38	
WC-2	WATER CLOSET - FLOOR MOUNTED, FLUSH TANK	-	13	-	75	38	BARRIER FREE
LAV-1	LAVATORY - WALL HUNG	-	13	13	32	32	
LAV-2	LAVATORY - WALL HUNG	-	13	13	32	32	BARRIER FREE
SS-1	STAINLESS STEEL SINK - DOUBLE BOWL W/ RIGHT HAND DRAIN BOARD	-	13	13	38	32	
SS-2	STAINLESS STEEL SINK - DOUBLE BOWL W/ LEFT HAND DRAIN BOARD	-	13	13	38	32	
SH-1	SHOWER	-	13	13	75	38	
SH-2	SHOWER	-	13	13	75	38	BARRIER FREE
DF-1	DRINKING FOUNTAIN	-	13	-	32	32	BARRIER FREE
MPS-1	JANITOR MOP SINK	19	19	-	75	38	
TMV	THERMOSTATIC MIXING VALVE	32	32	-	-	-	

**LEGEND**

— DCW —	DOMESTIC COLD WATER
— TEMP —	TEMPERED WATER
— DHW —	DOMESTIC HOT WATER
● WHA	WATER HAMMER ARRESTOR
+ S-G(E)	EXISTING 150 PVC GRAVITY SEWER MAIN
— W(E) —	EXISTING WATER MAIN
●	BALL VALVE
— REC —	TEMPERED WATER RECIRC.

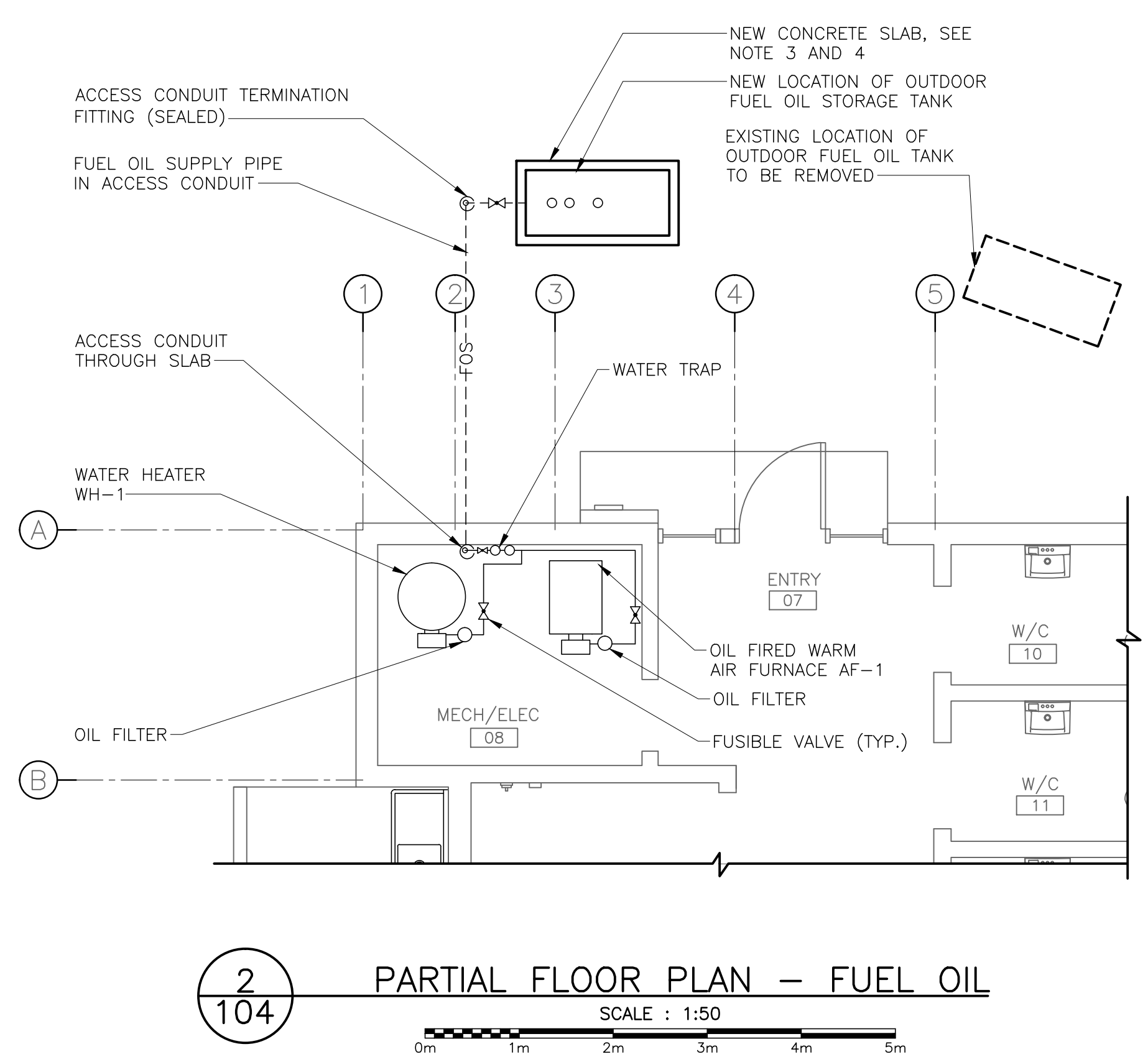






- NOTE:
1. PROVIDE LOOSE INSULATED SHEET METAL BLANK OFF PANEL FOR EACH LOUVER TO FIT HOUSING.
  2. REFER TO STRUCTURAL DRAWINGS FOR TRUSS LOCATION.
  3. REMOVE ALL TOPSOIL AND UNSUITABLE MATERIALS AND REPLACE WITH GRANULAR STRUCTURAL FILL. MINIMUM FILL THICKNESS 300mm. COMPACT FILL TO 90% STANDARD PROCTOR.
  4. 300mm. THICK CONCRETE SLAB C/W 10M REBAR AT 300 EW. COORDINATE ANCHORAGE REQUIREMENTS WITH TANK SUPPLIER.

**1 FLOOR PLAN – HEATING & VENTILATION**  
 SCALE : 1:50



**2 PARTIAL FLOOR PLAN – FUEL OIL**  
 SCALE : 1:50

**LEGEND**

— SA —	SUPPLY AIR DUCT
— RA —	RETURN AIR DUCT
— EA —	EXHAUST AIR DUCT
— TA —	TRANSFER AIR DUCT
XX l/s	FLOW CAPACITY IN LITRE PER SECOND
□ MD	MOTORIZED DAMPER
— BDD	BACKDRAFT DAMPER
— FD	FIRE DAMPER
Ⓜ	THERMOSTAT W/ GUARD SUPPLIED BY FURNACE MANUFACTURER
◁ DG	DOOR GRILLE
Ⓢ	SPEED CONTROLLER

Canada  
 EKISTICS PLANNING & DESIGN  
 1 STARR LANE, DARTMOUTH  
 PH: (902)461-2525 FAX: (902)465-3131

**wood.**  
 Wood Environment & Infrastructure Solutions  
 Wood Architectural Services Ltd.  
 a Division of Wood Canada Limited  
 50 Troop Avenue, Suite 300  
 Dartmouth, Nova Scotia

LICENCED PROFESSIONAL ENGINEER  
 Province of New Brunswick  
 L3717  
 Kevin L. McDonah  
 Signature  
 July 10, 2019  
 INGENIEUR TITULAIRE DE PERMIS  
 Province du Nouveau-Brunswick

0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project		projet
<b>KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2</b>		
drawing		dessin
<b>FLOOR PLAN HEATING AND VENTILATION</b>		
designed	R.K.	conçu
date	JULY 10, 2019	
drawn	T.H.	dessiné
date	JULY 10, 2019	
approved	K.M.	approuvé
date	JULY 10, 2019	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	<b>954</b>	
drawing no.		no. du dessin
	<b>H-104</b>	

E-DRM/GDD-E: 100000 Version1

### LUMINAIRE SCHEDULE

TYPE	VOLTAGE	LAMP	DESCRIPTION	CATALOGUE NUMBER
A	120	LED 4000°K 40W	1220mm SUSPENDED DIRECT/INDIRECT LINEAR FIXTURE, EXTRUDED ALUMINUM HOUSING, SATIN LENS, WHITE FINISH, MOUNTED AT 3200mm A.F.F.	NEO-RAY CAT.# S122DIP-ULO-140-SC48-JB0048-1D-1DD-1-5-W
B	120	LED 4000°K 28W	1220mm SURFACE MOUNTED STRIPLIGHT FIXTURE, FROSTED LENS, WHITE FINISH	METALUX CAT.# 4SNLED-LD5-34SL-LN-UNV-L840-CD1-U
C	120	LED 4000°K 16W	610mm WALL MOUNTED VANITY LIGHT, EXTRUDED ALUMINUM HOUSING, WHITE FINISH	NEO-RAY CAT.# S122-DW-LO-40-0024-1-D-U-DD-1-W
D	120	LED 4000°K 15W	1220mm RECESSED LINER LIGHT FIXTURE, EXTRUDED ALUMINUM HOUSING, FROSTED LENS, WHITE FINISH, DRYWALL FLANGE	AXIS LIGHTING CAT.# BRLED 400 80 40 FL 4 W 120 DP 1 D
D1	120	LED 4000°K 15W	SAME AS TYPE 'D' EXCEPT 610mm LONG	AXIS LIGHTING CAT.# BRLED 750 80 40 FL 2 W 120 DP 1 D
E	120	LED 4000°K 10W	150mm RECESSED ROUND SHOWER LIGHT, WHITE FINISH	GOTHAM CAT.# EVO 40/10 6 DFRAMF 120 EZ10
F	120	LED 4000°K 18W	EXTERIOR WALL PACK, DIE-CAST ALUMINUM HOUSING, BLACK FINISH, MOUNTED AT 1750mm A.F.G.	EUREKA CAT.# 3456-KBD-LED-8-40-120V-BLKE-CFR

### OCCUPANCY SENSOR SCHEDULE

TYPE	DESCRIPTION	CATALOGUE NUMBER
PIR	PIR/ULTRASONIC MULTI-TECHNOLOGY TYPE SENSOR, CEILING MOUNTED, 120V, WHITE, 360° FIELD OF VIEW	GREENGATE CAT.# OAC-DT-2000-MV

### EMERGENCY FIXTURE SCHEDULE

TYPE	VOLTAGE	LAMP	DESCRIPTION	CATALOGUE NUMBER
EMERGENCY	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.	AIMLITE CAT.# EBST12072/2MB6WLAWHT-ATD

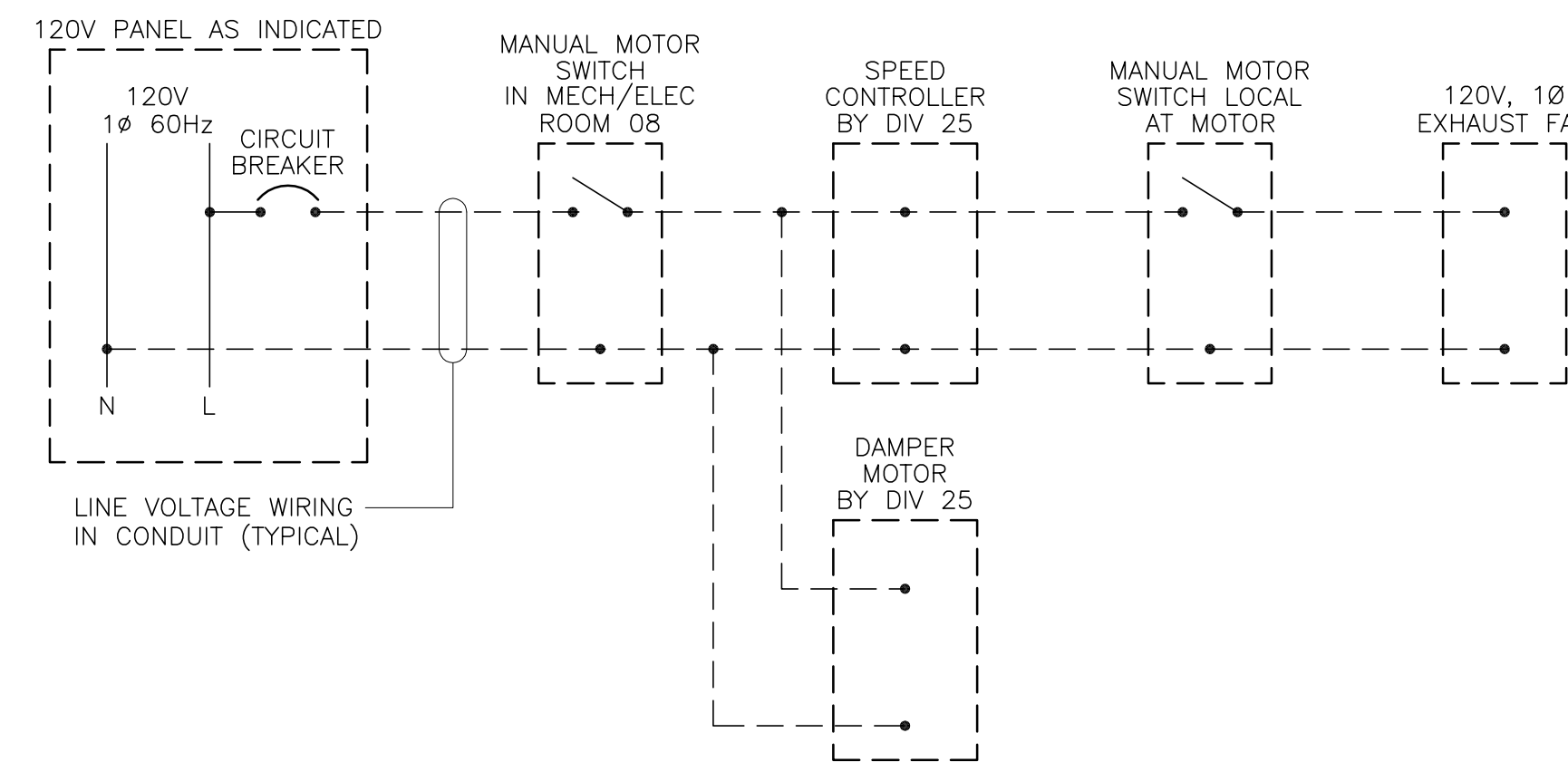
### LIGHTING LEGEND

SYMBOL	DESCRIPTION
'q' \$	SINGLE POLE LINE VOLTAGE LIGHT SWITCH. 'a' INDICATES SWITCHING.
☺	CEILING MOUNT OCCUPANCY SENSOR
TC	TIME CLOCK
A	SURFACE MOUNTED LIGHT FIXTURE, 'A' INDICATES FIXTURE TYPE.
B	RECESSED OR SUSPENDED LIGHT FIXTURE, 'B' INDICATES FIXTURE TYPE.
C	WALL MOUNTED LIGHT FIXTURE, 'C' INDICATES FIXTURE TYPE.
⊙	RECESSED ROUND POT LIGHT 'D' DENOTES FIXTURE TYPE.
E	WALL MOUNTED LIGHT FIXTURE 'E' INDICATES FIXTURE TYPE
⚡	WALL MOUNTED EMERGENCY LIGHTING BATTERY UNIT c/w BATTERY PACK AND DUAL HEADS
⊗	WALL MOUNTED LED EXIT LIGHT FIXTURE

### POWER LEGEND

SYMBOL	DESCRIPTION
⊖	15A, 120V SINGLE RECEPTACLE
⊖	15A, 120V DUPLEX RECEPTACLE
⊖ GFCI	DUPLEX RECEPTACLE c/w GROUND FAULT CIRCUIT INTERRUPTER, MOUNTED ABOVE COUNTER
⊙	DIRECT CONNECTION TO EQUIPMENT
\$ M	MANUAL MOTOR SWITCH
PB	BARRIER FREE PUSH BUTTON, SUPPLIED BY ARCHITECTURAL, WIRED BY ELECTRICAL. CONFIRM EXACT MOUNTING LOCATION WITH ARCHITECTURAL
—	COPPER GROUND BUS BAR. 100mm(H) x 457mm(L) x 6mm(D) MOUNTED 300mm A.F.F. ON INSULATED SUPPORTS, MINIMUM OF 10 PREDRILLED HOLES
▨	LIGHTING/POWER PANEL

PANEL #	LOCATION:	MECHANICAL/ELECTRICAL ROOM 08				INTERRUPTING RATING		10,000		AMPS			
		VOLTAGE	120/240	PANEL TYPE		MAINS	LUGS	70	AMPS				
E	PHASE/WIRES	1φ, 3W		BKR TYPE BOLT ON		MCS	BKR	CCT #	AWG	70		AMPS	
		MOUNTING SURFACE											
DESIGNATION	LOAD (VA)		AWG	CCT #	BKR	A	B	BKR	CCT #	AWG	LOAD (VA)		DESIGNATION
	A	B									A	B	
LIGHTING RMS. 02,04,05,06,08	357		12	1	15A			15A	2	12	540		HAND DRYER RM. 10
LIGHTING RMS. 10,11,12,13,15		540	12	3	15A			15A	4	12	540	540	HAND DRYER RM. 11
LIGHTING RMS. 01,03,07	319		12	5	15A			15A	6	12	540		HAND DRYER RM. 12
LIGHTING EXTERIOR		194	12	7	15A			15A	8	12	540	540	HAND DRYER RM. 13
RECEPTACLES RMS. 10,11,12	600		12	9	15A			15A	10	12	540		HAND DRYER RM. 14
RECEPTACLES RMS. 13,14		400	12	11	15A			20A	12	12	400	400	RECEPTACLES RMS. 01,03
WATER COOLER RM. 03	100		12	13	15A			20A	14	12	500		RECEPTACLE RM. 08
DOOR OPERATOR RM. 01		200	12	15	15A			20A	16	12	500		RECEPTACLE RM. 08
DOOR OPERATOR RM. 07	200		12	17	15A			15A	18				SPARE
TRAP PRIMER RM. 02,08		100	12	19	15A			15A	20				SPARE
EF-1 & CONTROLS	187		12	21	15A			15A	22				SPARE
FURNACE AF-1 RM. 08		500	12	23	15A			15A	24				SPARE
WATER HEATER WH-1 RM. 08	500		12	25	15A			15A	26				SPARE
PUMP RECEPTACLE RM. 02		187	12	27	15A			15A	28				SPARE
SPARE				29	15A			15A	30				SPARE
SPARE				31	15A			15A	32				SPARE
SPARE				33	15A			15A	34				SPARE
SPARE				35	15A			15A	36				SPARE
SPARE				37	15A			20A	38				SPARE
TIME CLOCK				39	15A			20A	40				SPARE
EXIT LIGHTING				41	15A (+)			20A	42				SPARE
NOTES:			LOAD		WATTS	AMPS							
(+) INDICATES LOCK-ON BREAKER			PHASE A		3843	32							
			PHASE B		4101	34							
			TOTAL		7944	33							

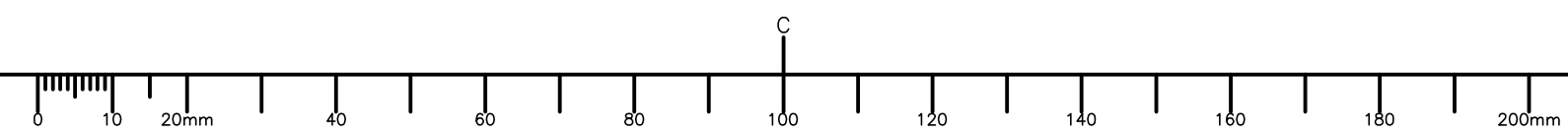


EXHAUST FAN EF-1 CONTROL DIAGRAM 1

1 STARR LANE, DARTMOUTH  
PH: (902)461-2525 FAX: (902)465-3131

Wood Environment & Infrastructure Solutions  
Wood Architectural Services Ltd.  
a Division of Wood Canada Limited  
50 Troop Avenue, Suite 300  
Dartmouth, Nova Scotia

0	ISSUED FOR TENDER	JUL 10 2019
revisions		date
project	project	
<b>KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2</b>		
drawing	dessin	
<b>ELECTRICAL LEGENDS, SCHEDULES AND CONTROL DIAGRAMS</b>		
designed	J.N.	conçu
date	JULY 10, 2019	
drawn	J.N.	dessiné
date	JULY 10, 2019	
approved	Z.H.	approuvé
date	JULY 10, 2019	
Tender	Soumission	
PWGSC Project Manager	Administrateur de projets TPSCG	
project number	no. du projet	
954		
drawing no.	no. du dessin	
E-101		





THIS SITE PLAN IS BASED ON CLIENT SUPPLIED INFORMATION AND MAY NOT BE ACCURATE. CONTRACTOR TO REVIEW WITH PARKS CANADA PRIOR TO COMMENCING WORK.

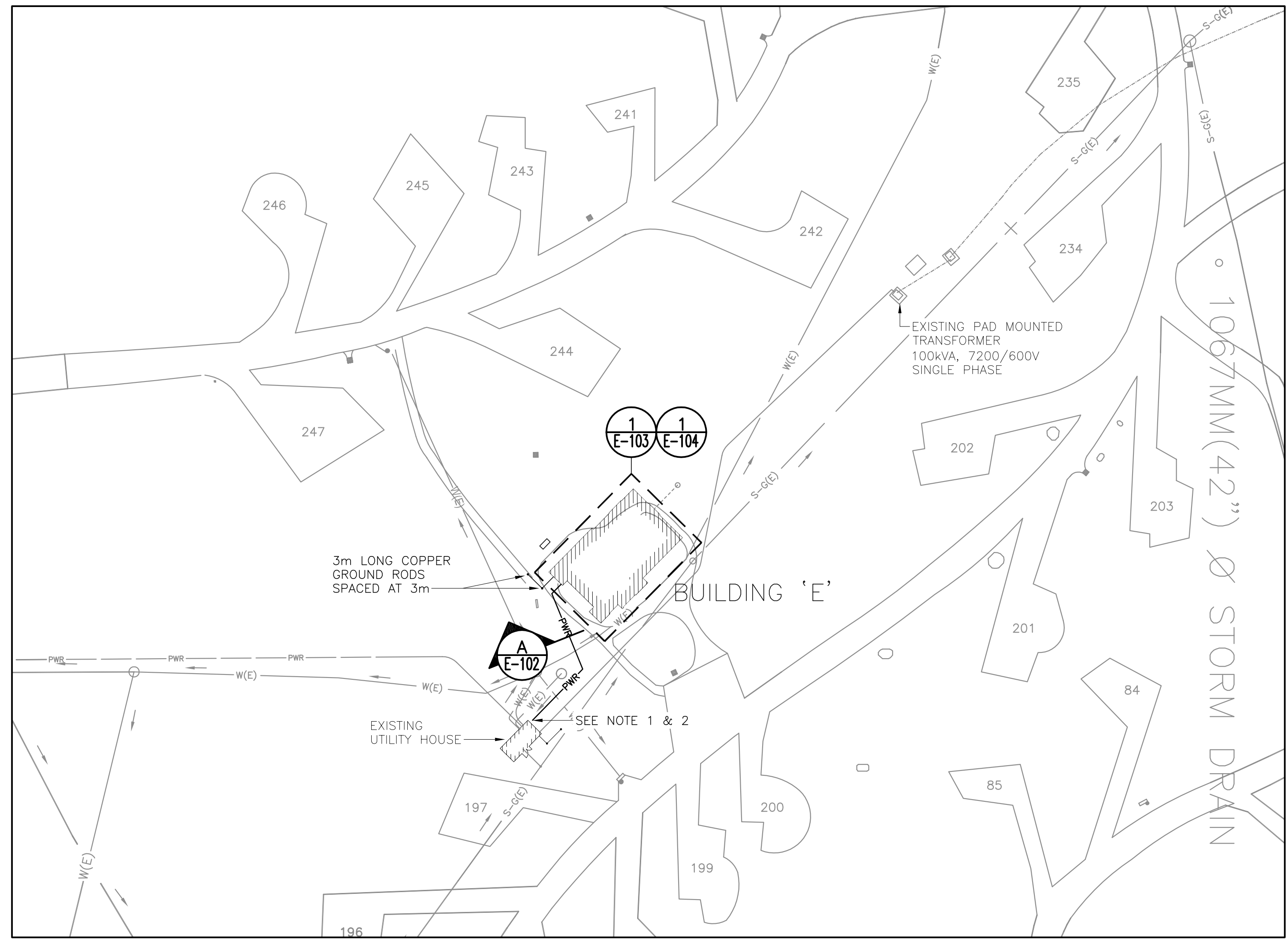
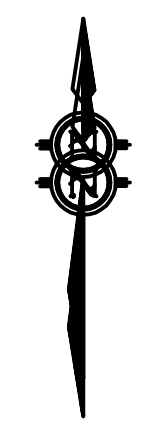


0	ISSUED FOR TENDER	JUL 10 2019
revisions		date

project: **KOUCHIBOUGUAC SERVICE BUILDING E 954 PHASE 2**

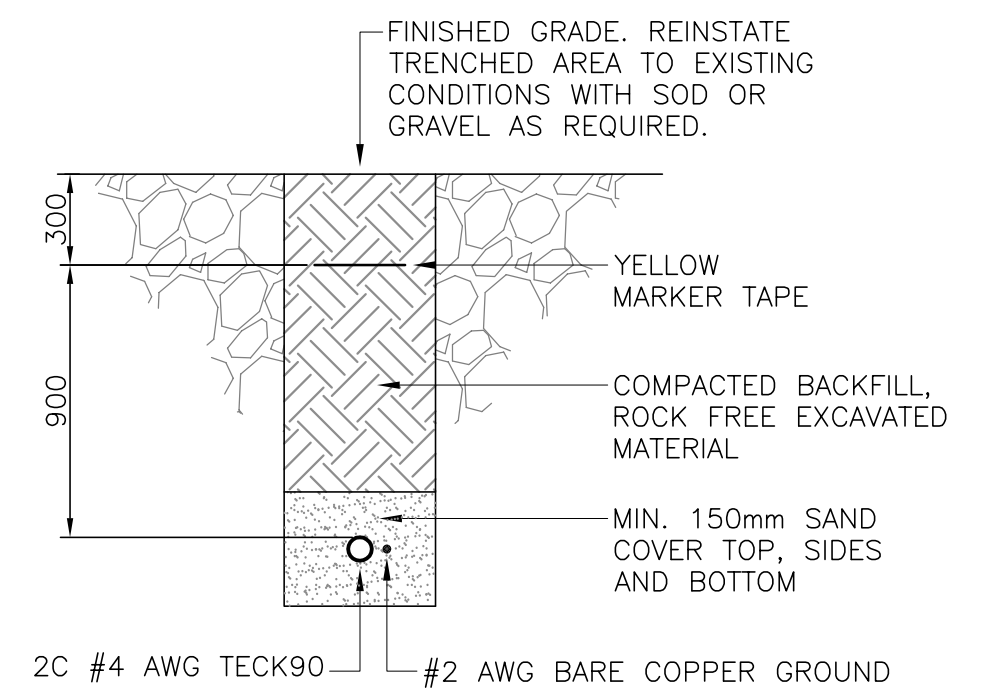
**ELECTRICAL SINGLE LINE DIAGRAM AND SITE PLAN**

designed	J.N.	conçu
date	JULY 10, 2019	
drawn	J.N.	dessiné
date	JULY 10, 2019	
approved	Z.H.	approuvé
date	JULY 10, 2019	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPGSC	
project number	no. du projet	
	<b>954</b>	
drawing no.	no. du dessin	
	<b>E-102</b>	

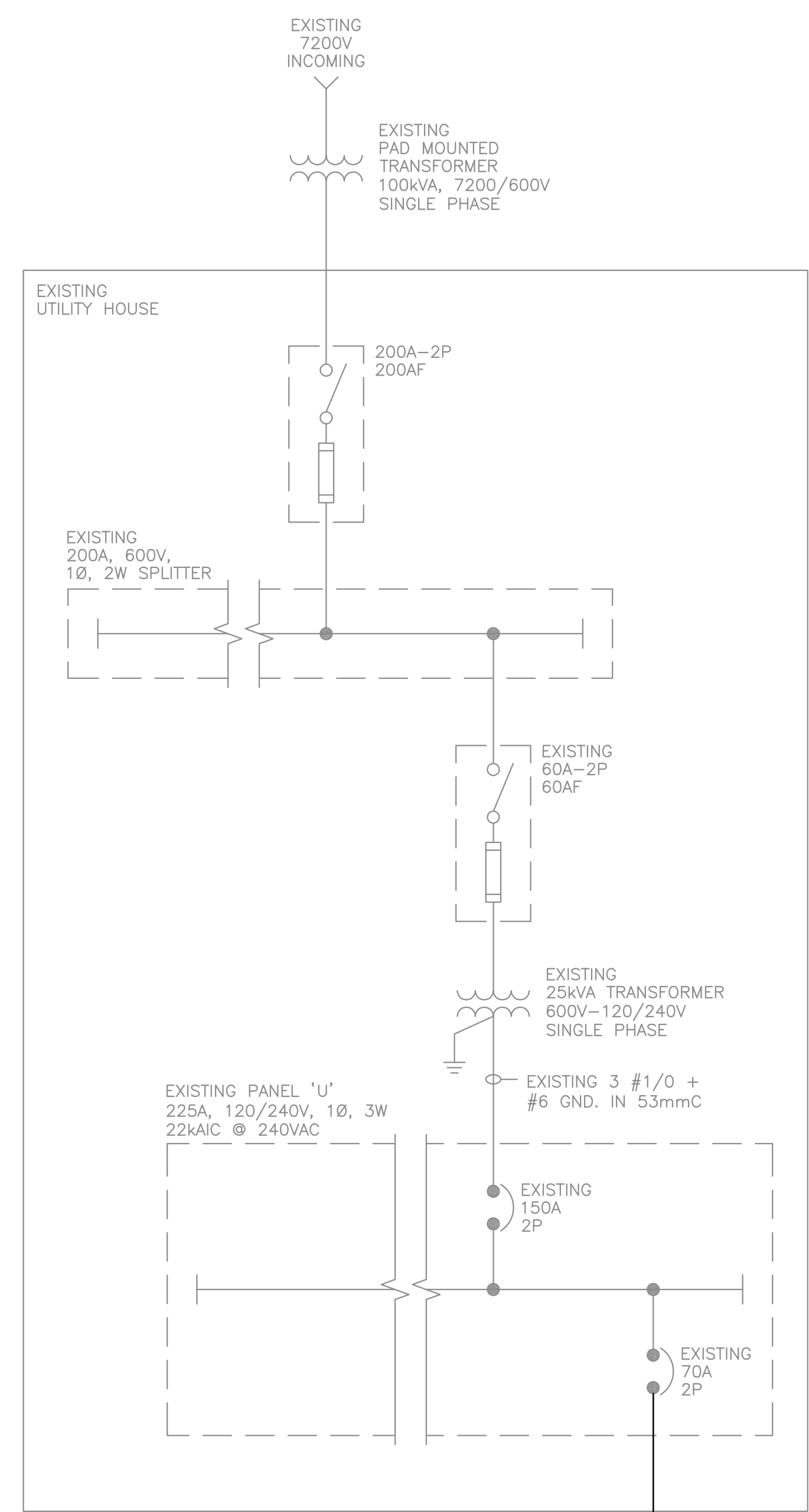


**3 SITE PLAN**  
 SCALE: 1:500  
 0m 10m 20m 30m 40m 50m

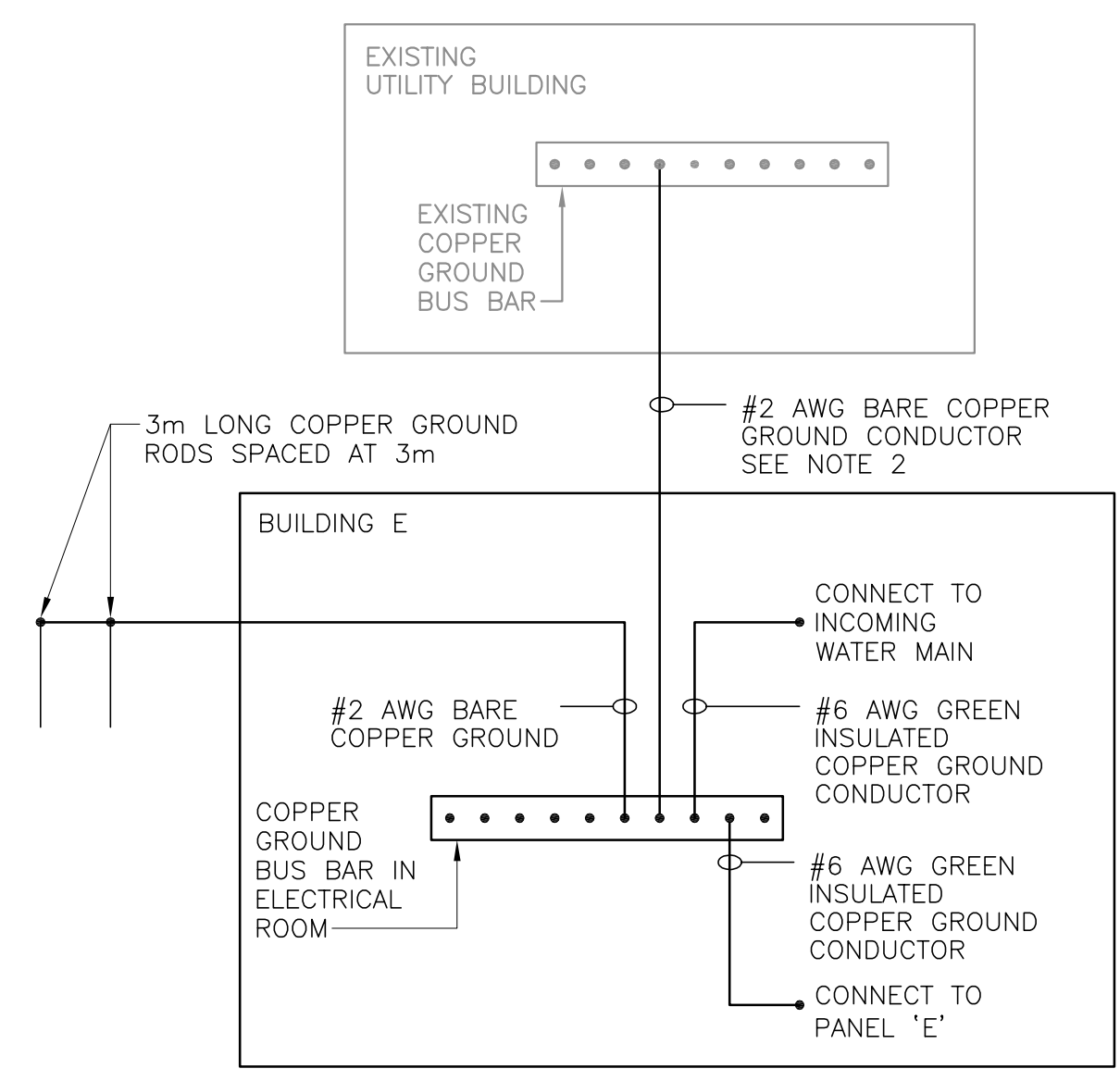
- NOTES:
1. PROVIDE 2C #4 AWG TECK90 COPPER CABLE AT 1200mm BELOW FINISHED GRADE FROM EXISTING 70A-2P BREAKER IN PANEL 'U' TO NEW 70A-2P BREAKER IN PANEL 'E'. INSTALL CABLE IN TRENCH AS PER SECTION 'A' BELOW. FEED CABLE THROUGH EXISTING 78mm CONDUIT STUB-OUT AT UTILITY HOUSE.
  2. PROVIDE #2 AWG BARE COPPER GROUND CONDUCTOR AT 1200mm BELOW FINISHED GRADE FROM EXISTING COPPER GROUND BUS BAR IN UTILITY BUILDING TO NEW COPPER GROUND BUS BAR IN BUILDING 'E' ELECTRICAL ROOM. INSTALL CONDUCTOR IN TRENCH AS PER SECTION 'A' BELOW. FEED CONDUCTOR THROUGH EXISTING 78mm CONDUIT STUB-OUT AT UTILITY HOUSE.
  3. CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING UNDERGROUND SERVICES PRIOR TO CONSTRUCTION.



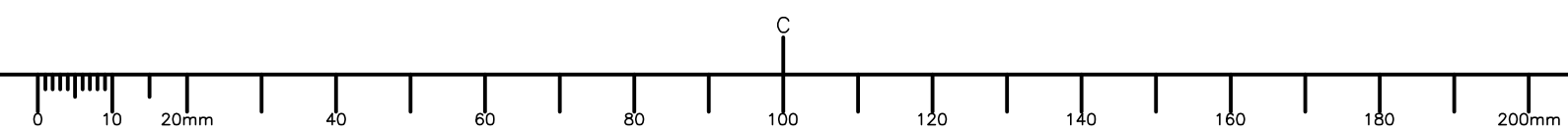
**A SECTION**  
 E-102



**1 SINGLE LINE DIAGRAM**  
 E-102



**2 GROUNDING RISER DIAGRAM**  
 E-102





**EKISTICS PLANNING & DESIGN**  
 1 STARR LANE, DARTMOUTH  
 PH: (902)461-2525 FAX: (902)465-3131



Wood Environment & Infrastructure Solutions  
 Wood Architectural Services Ltd.  
 a Division of Wood Canada Limited  
 50 Troop Avenue, Suite 300  
 Dartmouth, Nova Scotia

- NOTES:
- CONNECT RECEPTACLES FOR EMERGENCY LIGHTING BATTERY UNITS TO UN-SWITCHED CIRCUIT.



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date

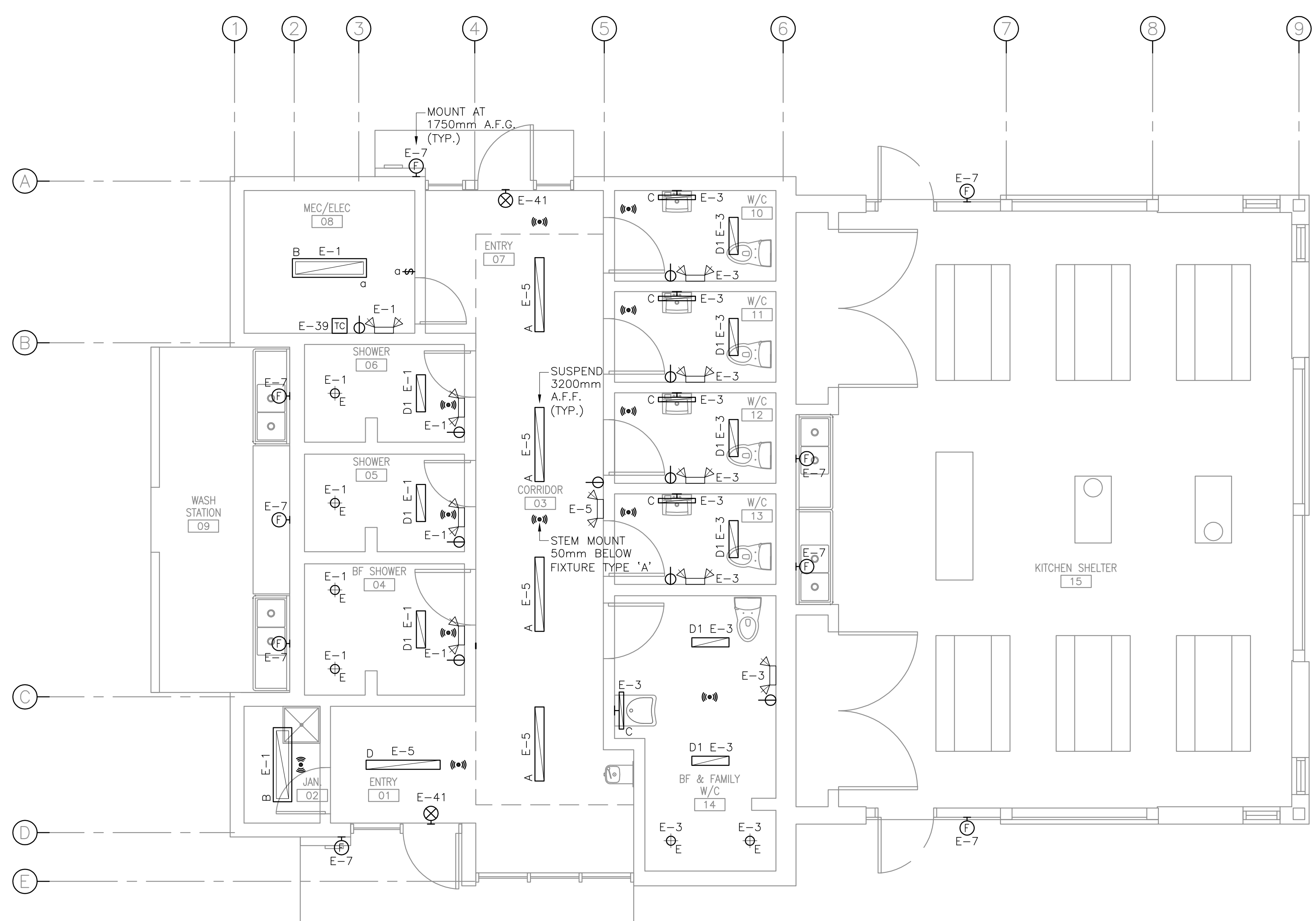
project projet  
**KOUCHIBOUGUAC SERVICE BUILDING E**  
**954 PHASE 2**

drawing dessin  
**ELECTRICAL LIGHTING PLAN**

designed J.N. conçu  
 date JULY 10, 2019  
 drawn J.N. dessiné  
 date JULY 10, 2019  
 approved Z.H. approuvé  
 date JULY 10, 2019  
 Tender Soumission

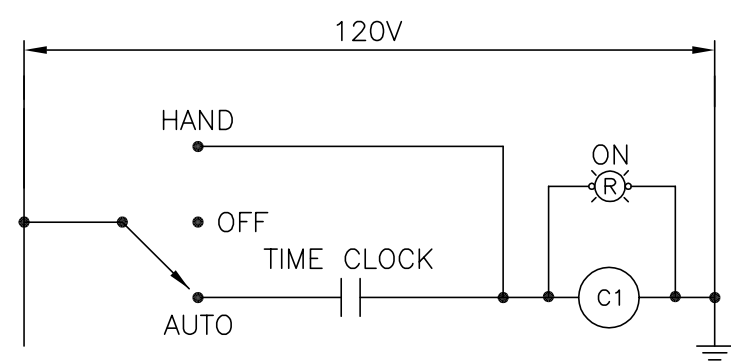
PWGSC Project Manager Administrateur de projets TPSCG  
 project number no. du projet  
**954**

drawing no. no. du dessin  
**E-103**



**1 LIGHTING PLAN**  
 E-103 SCALE : 1:50  
 0m 1m 2m 3m 4m 5m

TIME CLOCK WIRING SCHEDULE					
SUPPLY	LOAD DESCRIPTION	CONTACTOR #			
		1	2	3	4
E-7	EXTERIOR WALL PACKS	●			



**2 TIME CLOCK SCHEMATIC**  
 E-103





**EKISTICS PLANNING & DESIGN**

1 STARR LANE, DARTMOUTH  
PH: (902)461-2525 FAX: (902)465-3131



Wood Environment & Infrastructure Solutions  
Wood Architectural Services Ltd.  
a Division of Wood Canada Limited  
50 Troop Avenue, Suite 300  
Dartmouth, Nova Scotia

NOTES:

1. PROVIDE 78mm RIGID PVC CONDUIT SLEEVE STUB-OUT 1500mm PASSED FOUNDATION WALL AT 1200mm BELOW FINISHED GRADE FOR INCOMING TECK90 CABLE AND BARE COPPER GROUND CONDUCTOR.
2. SEAL TECK90 AND GROUND CONDUCTOR IN CONDUIT AT GRADE LEVEL WITH STOPAC 2100 AQUASTOP SEALING COMPOUND OR APPROVED EQUAL.



0	ISSUED FOR TENDER	JUL 10 2019
revisions		date

project project

**KOUCHIBOUGUAC  
SERVICE BUILDING E  
954 PHASE 2**

drawing dessin

**ELECTRICAL  
POWER PLAN**

designed J.N. conçu

date JULY 10, 2019

drawn J.N. dessiné

date JULY 10, 2019

approved Z.H. approuvé

date JULY 10, 2019

Tender Soumission

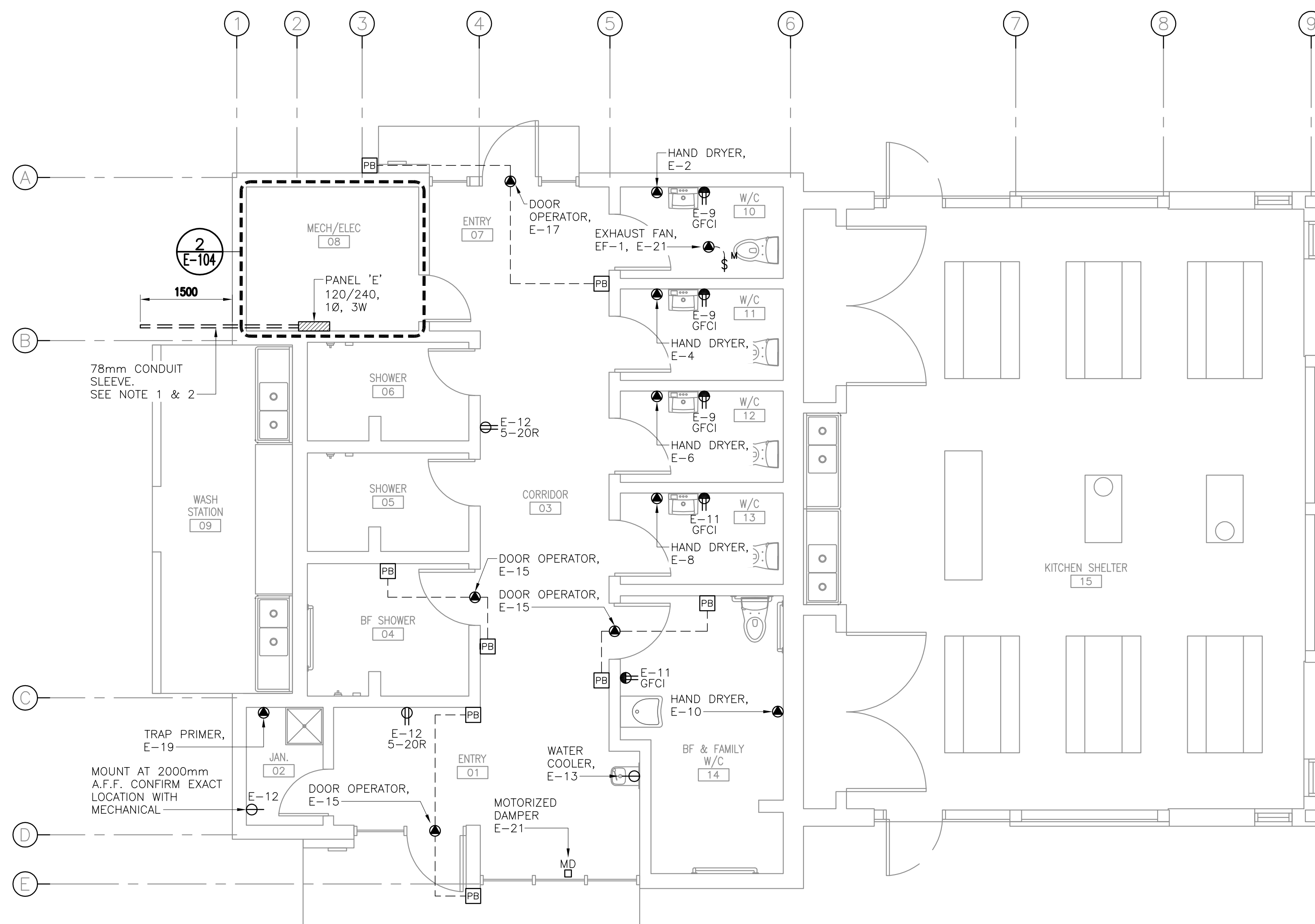
PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

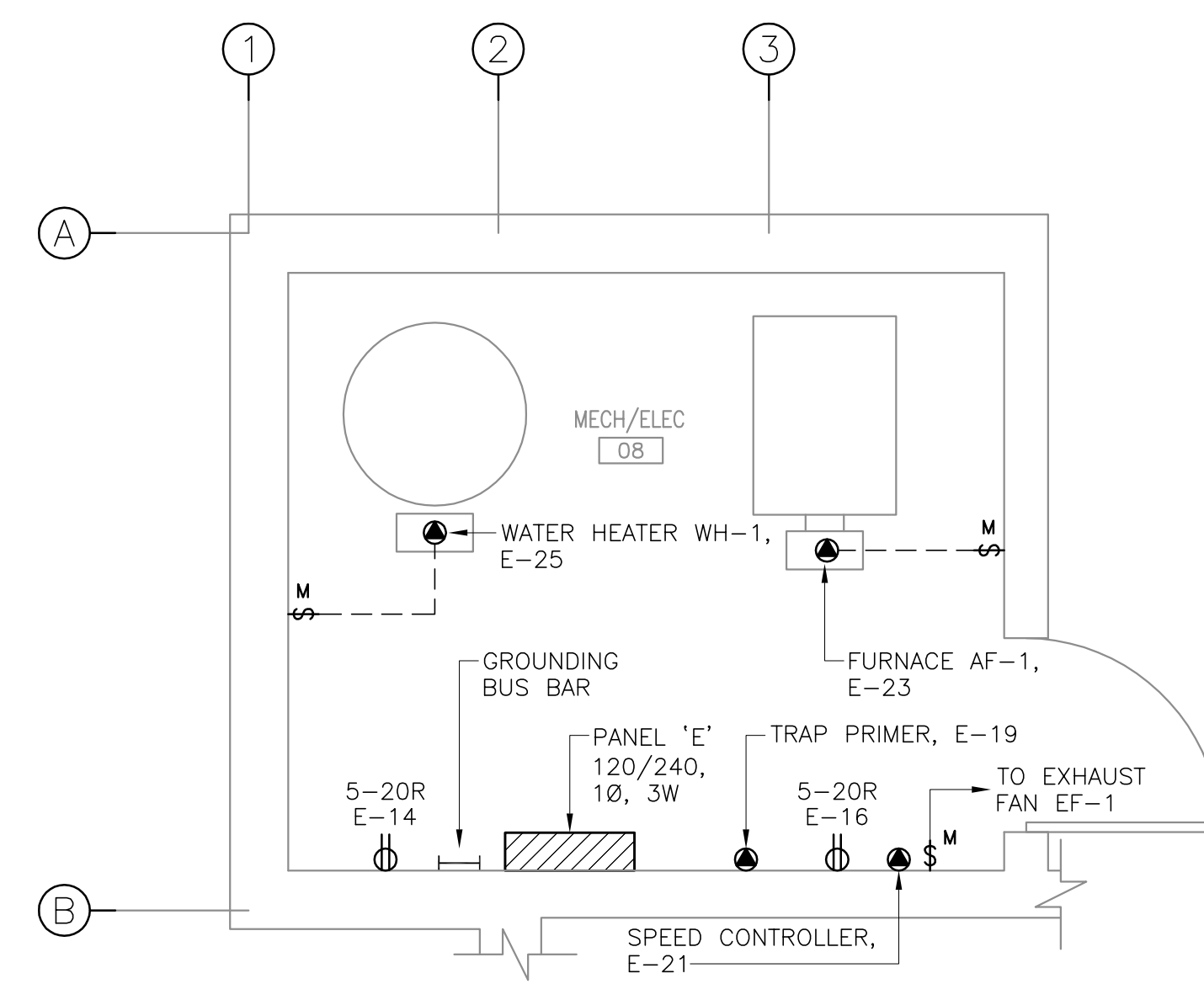
**954**

drawing no. no. du dessin

**E-104**



**1 POWER PLAN**  
E-104  
SCALE: 1:50  
0m 1m 2m 3m 4m 5m



**2 MECHANICAL/ELECTRICAL ROOM PLAN**  
E-104  
SCALE: 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm

