

GENERAL NOTES:

- STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE (OBC) 2012.
- ALL NOTES ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT DESIGN DRAWINGS AND PROJECT DOCUMENTS.
- ALL CODES AND STANDARDS SHALL BE THE LATEST EDITION INCLUDING AMENDMENTS, REVISIONS AND SUPPLEMENTS, IF ANY.
- CONSTRUCT TO ONTARIO BUILDING CODE REQUIREMENTS. ALL REFERENCED DOCUMENTS ARE TO BE EDITION LISTED IN DIVISION B, SECTION 1.3 OF OBC 2012, UNLESS NOTED OTHERWISE.
- READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS. REPORT CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK.
- IF DISCREPANCIES RELATING TO STRUCTURAL WORK ARE FOUND IN THE VARIOUS DOCUMENTS, THE MORE STRINGENT PROVISIONS SHALL APPLY, UNLESS APPROVED BY THE ENGINEER.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE IN METRIC UNITS (MILLIMETERS).
- VERIFY ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DO NOT SCALE FROM DRAWINGS. REPORT ANY DISCREPANCIES TO THE CONSULTANT FOR CLARIFICATION BEFORE PROCEEDING.
- DO NOT CONSTRUCT FROM FROM THESE DRAWINGS UNLESS MARKED "ISSUED FOR CONSTRUCTION".
- OPENINGS AND SLEEVES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY. COORDINATE ALL OPENING LOCATIONS AND DIMENSIONS WITH THE APPROPRIATE DISCIPLINE CONSULTANT AND THE ENGINEER PRIOR TO CONSTRUCTION.
- DO NOT INSTALL OPENINGS, SET INSERTS, DRILL OR ATTACHMENT TO STRUCTURAL MEMBERS WITHOUT THE AUTHORIZATION FROM ENGINEER EXCEPT AS NOTED ON DRAWINGS.
- UNLESS OTHERWISE NOTED ON DRAWINGS, FOLLOW TYPICAL DETAILS SHOWN ON DRAWINGS. TYPICAL DETAILS SHOW STRUCTURAL INTENT RATHER THAN ACTUAL CONDITIONS.
- SECTIONS, DETAILS AND STATEMENTS NOTED AS "TYPICAL" APPLY TO LIKE/SIMILAR CONDITIONS IN THE STRUCTURE.
- STRUCTURAL DESIGN ASSUME NON-LOAD RESTRICTED ULC FIRE RATED ASSEMBLIES, AND APPROPRIATE MATERIAL MUST BE USED.
- THESE DRAWINGS SHOW THE REQUIREMENTS FOR COMPLETED STRUCTURE ONLY. THEY DO NOT INCLUDE ELEMENTS WHICH MAY BE REQUIRED FOR TEMPORARY WORKS AND SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL REQUIRED TEMPORARY WORKS SUCH AS FALSEWORK, SHORING, BRACING, ETC., AND FOR THE SAFETY ON THE JOB SITE DURING CONSTRUCTION.
- DESIGN OF ALL TEMPORARY WORKS SHALL BE CARRIED OUT BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR, LICENSED IN THE PLACE WHERE THE PROJECT IS LOCATED.
- CHECK AND CONFIRM THAT THE WORK IS COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION REVIEW.
- NOTIFY THE ENGINEER 24 HOURS IN ADVANCE FOR CONSTRUCTION REVIEW OF THE FOLLOWINGS:
 - REINFORCING STEEL AND POUR CONDITIONS, BEFORE EACH CONCRETE POUR.
- ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER.

CONCRETE NOTES:

- PROVIDE CONCRETE AND PERFORM WORK ACCORDING TO CSA A23.1.
- SUBMIT CONCRETE MIX DESIGN FOR APPROVAL TO THE ENGINEER AND TESTING AGENCY RETAINED BY THE OWNER.
- CONCRETE QUALITY IS TO BE TESTED BY THE OWNER'S AGENCY IN ACCORDANCE WITH CSA A23.2, INCLUDING STRENGTH, SLUMP, AND AIR CONTENT TESTS FOR EACH CONCRETE POUR, WITH REPORTS SUBMITTED TO THE ENGINEER.
- THE CONTRACTOR SHALL NOT PROCEED WITH PLACING OF CONCRETE THAT FAILS TO MEET THE SPECIFIED SLUMP OR AIR CONTENT REQUIREMENTS OR EXCEEDS 2 HOURS AFTER BATCHING. NO WATER SHALL BE ADDED TO THE CONCRETE AT THE SITE.
- IF CONCRETE TESTS SHOW CONCRETE TO BE LESS THAN REQUIRED QUALITY, THE ENGINEER SHALL HAVE THE RIGHT TO HAVE THE MIX DESIGN ALTERED FOR THE REMAINDER OF THE PROJECT. FURTHER TESTS AND REMEDIAL MEASURES MAY BE REQUIRED.
- PROVIDE MINIMUM 24 HOURS NOTICE PRIOR TO CLOSING FORMWORK OR PLACING CONCRETE TO ALLOW FOR REINFORCING STEEL REVIEW.
- CEMENT: TYPE GU GENERAL USE HYDRAULIC CEMENT.
 - CONCRETE IN CONTACT WITH SULPHATE SOIL CONDITIONS SHALL HAVE TYPE HS HIGH SULFATE-RESISTANT HYDRAULIC CEMENT.
- AGGREGATE AND WATER: CONFORMING TO CSA A23.1.
- ADMIXTURES: CONFORMING TO THE CSA A266 SERIES OF STANDARDS. ADMIXTURES OTHER THAN SUPERPLASTICIZER FOR LOW SLUMP CONCRETE AND AIR ENTRAINING SHALL NOT TO BE USED UNLESS ACCEPTED BY THE ENGINEER.
- CONCRETE MIX DESIGN:

DESCRIPTION	MINIMUM 28 DAY COMPRESSIVE STRENGTH (MPa)	SPECIFIED SLUMP (± 20 mm)	AIR CONTENT (%)	CLASS OF EXPOSURE	MAXIMUM w/c RATIO
FOOTINGS	25	75	-	N	0.55
FOUNDATION WALLS	35	25	5-8	C-2	0.45
PIERS	25	75	4-7	F-2	0.55
STAIRS (EXTERIOR)	35	75	5-8	C-2	0.45
SLAB-ON-GRADE (EXTERIOR)	35	75	5-8	C-2	0.45

 - CONCRETE SHALL BE NORMAL DENSITY (MINIMUM 2300 kg/m³) UNLESS NOTED OTHERWISE.
 - NOMINAL SIZE OF COURSE AGGREGATE SHALL BE MAXIMUM 20 mm UNLESS NOTED OTHERWISE.
- COMPACT AND CONSOLIDATE CONCRETE WITH INTERNAL VIBRATORS ACCORDING TO CSA A23.1 CLAUSE 7.2.5.2. WORK CONCRETE AROUND ALL EMBEDDED MATERIALS. ENSURE ALL CONCRETE IS DENSE, FREE OF HONEYCOMBING, AND THAT NO SEGREGATION OCCURS.
- VERTICAL DROP OF CONCRETE SHALL NOT EXCEED 1500 mm.
- KEEP CONTINUOUS MOIST ALL EXPOSED NON-FORMED SURFACES FOR A MINIMUM OF 7 CONSECUTIVE DAYS AFTER PLACEMENT OF CONCRETE UNLESS NOTED OTHERWISE.
- PROVIDE COLD OR HOT WEATHER PROTECTION WHEN REQUIRED IN ACCORDANCE WITH CSA A23.1
- DESIGN AND CONSTRUCT FORMWORK ACCORDING TO CSA S269 SERIES OF STANDARDS IN A MANNER SUITABLE FOR THE TOLERANCES AND FINISHES REQUIRED OF THE CONCRETE
- FORM ACCURACY TOLERANCE 6 mm IN PLAN AND ELEVATION. SLAB FINISH TOLERANCE 5 mm IN ANY 3000 mm LENGTH AND MAXIMUM 10 mm TOTAL DEVIATION IN OVERALL ELEVATION.
- PROVIDE 20 mm CHAMFER TO ALL EXPOSED CORNERS. HAND TOOL EDGES OF SLABS AND CURBS.
- SUPPORT WALLS, BEAMS AND SUSPENDED SLABS UNTIL THE CONCRETE HAS HARDENED SUFFICIENTLY TO CARRY THE LOADS.
- OPENINGS, PIPE SLEEVES, ETC. IN STRUCTURAL CONCRETE ARE NOT PERMITTED EXCEPT AS SPECIFICALLY APPROVED BY THE ENGINEER.
- CONTROL JOINTS:
 - SLAB ON GRADE: PROVIDE 25 mm DEEP PREFORMED OR SAWCUT IF ACCEPTABLE TO THE ENGINEER AT 4500 mm MAXIMUM SPACING UNLESS DETAILED OTHERWISE. SAWCUT WITHIN 24 HOURS OF PLACING PROVIDED CONCRETE HAS HARDENED SUFFICIENTLY.
- CONSTRUCTION JOINTS: LOCATE KEYED CONSTRUCTION JOINT AS DIRECTED BY THE ENGINEER UNLESS DETAILED ON THE DRAWINGS.
- PLACE GROUT UNDER FULL BASEPLATE AREA IN ACCORDANCE WITH GROUT MANUFACTURE'S INSTRUCTIONS AFTER THOROUGH CLEANOUT. USE NON-SHRINK, NON-FERROUS GROUT MASTERFLOW 713.

STEEL NOTES:

- STRUCTURAL DESIGN IS IN ACCORDANCE WITH ONTARIO BUILDING CODE 2012 AND THE OCCUPATIONAL HEALTH AND SAFETY ACT.
- FABRICATE AND ERECT STRUCTURAL STEEL TO CSA S16 AND CISC HANDBOOK.
- STEEL IS TO BE SUPPLIED IN FULL LENGTHS, UNLESS SPECIFICALLY ACCEPTED IN WRITING BY THE ENGINEER.
- STRUCTURAL STEEL: CSA G40.20 AND G40.21 WITH THE FOLLOWING GRADES:
 - HSS SECTIONS, CLASS C: 350W
 - PLATES: 300W
- STRUCTURAL BOLTS, NUTS AND WASHERS: ASTM A325, TYPE 1
- ANCHOR BOLTS: ASTM A307, GRADE A
- POST-INSTALLED ANCHORS: HILTI
 - FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR DRILLING AND INSTALLING PROCEDURES. HOLE DIAMETER SHALL NOT EXCEED THOSE REQUIRED BY THE MANUFACTURER.
- EMBEDMENT LENGTHS SHOWN ON THE DRAWING ARE EFFECTIVE EMBEDMENT LENGTHS; FOR THE REQUIRED HOLE DEPTHS, FOLLOW THE MANUFACTURER RECOMMENDATIONS.
- WELDING ELECTRODES AND FILLER METALS: CSA W48, E49XX.
- WELDED PROCEDURES, MATERIALS AND QUALITY STANDARDS SHALL CONFORM TO CSA W59.
- ALL WELDING SHALL BE PERFORMED BY A FABRICATOR CERTIFIED TO CSA 47.1.
- ALL WELDERS ARE TO BE CWB CERTIFIED.
- MINIMUM FILLET WELD SIZE SHALL BE 6 mm AND ALL JOINTS ARE ASSUMED FULLY WELDED UNLESS NOTED OTHERWISE.

REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL BE NEW DEFORMED BARS CONFORMING TO CSA G30.18, GRADE 400R MPa. STEEL BAR THAT IS TO BE WELDED, WHERE NOTED ON THE DRAWINGS, SHALL BE GRADE 400W MPa.
- WELDED WIRE FABRIC: CONFORMING TO ASTM A185, YIELD STRENGTH 450 MPa, SUPPLIED IN FLAT SHEETS ONLY.
- SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR FABRICATION.
- REINFORCING STEEL SHALL BE CLEAN, FREE OF LOOSE SCALE, OIL, DIRT, RUST AND ANY OTHER FOREIGN COATING THAT AFFECT THE BONDING CAPACITY.
- REINFORCING DETAILS SHALL CONFORM TO CSA A23.1 OR AS NOTED ON THE DRAWINGS.
- PROVIDE CONCRETE COVER OVER REINFORCING STEEL ACCORDING TO CSA A23.1 AND DETAILED AS FOLLOWS:

EXPOSURE CONDITION	CONCRETE COVER (mm)
SURFACES CAST AGAINST AND PERMANENT EXPOSED TO EARTH	75
SURFACES EXPOSED TO DE-ICING CHEMICALS	60
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	40
BEAMS AND COLUMNS NOT EXPOSED TO WEATHER	30
SLABS AND WALLS NOT EXPOSED TO WEATHER	20
- MINIMUM CLEAR SPACING BETWEEN ADJACENT BARS SHALL NOT BE LESS THAN 30 mm.
- REINFORCING STEEL SHALL BE ACCURATELY PLACED, CHAIRED AND TIED SECURELY TO PREVENT DISPLACEMENT AND TO MAINTAIN THE SPECIFIED COVER.
- PROVIDE ADDITIONAL SUPPORT BARS AS REQUIRED TO ADEQUATELY SUPPORT AND SECURE ALL REINFORCEMENT AND PREVENT MOVEMENT WHEN PLACING CONCRETE.
- PLACE WELDED WIRE FABRIC IN SLAB-ON-GRADE AT 1/3 SLAB THICKNESS BELOW TOP OF SLAB. PROVIDE ADEQUATE CHAIRS TO KEEP IN SPECIFIED POSITION.
- LAP SPLICES SHALL BE IN ACCORDANCE WITH A23.1, CLASS B TENSION SPLICE HAVING LENGTHS AS FOLLOWS, UNLESS SHOWN OTHERWISE ON THE DRAWINGS:

BAR SIZE	SPLICE LENGTH (mm)
10M	460
15M	610
20M	760

 - TOP BARS WITH MORE THAN 300 mm CONCRETE CAST BELOW THE SPLICE, INCREASE THE SPLICE LENGTH BY A FACTOR OF 1.3.
 - SPLICES OF REINFORCEMENT SHALL BE STAGGERED WHERE POSSIBLE.
- STEEL BARS SHALL BE CONTINUOUS, PROPERLY LAPPED AT SPLICES.
- LAP WELDED WIRE FABRIC SHEETS BY ONE SPACING OF CROSS WIRES PLUS 50 mm, MEASURED BETWEEN THE OUTERMOST OF CROSS WIRES IN EACH SHEET.
- STANDARD HOOKS SHALL BE FABRICATED IN ACCORDANCE WITH CSA A23.1 AS FOLLOWS:

BAR SIZE (mm)	90° HOOK ID (mm)	G (mm)	180° HOOK ID (mm)	G (mm)	135° HOOK ID (mm)	G (mm)
10M	70	180	70	140	50	110
15M	100	260	100	180	70	150
20M	120	310	120	220	80	180
- CONTINUOUS BARS SHALL BE TERMINATED IN STANDARD HOOK AT ENDS AND SPLICED USING CLASS B LAPS.
- ALL CONCRETE SHALL BE REINFORCED AS FOLLOWS UNLESS NOTED OTHERWISE:
 - MINIMUM REINFORCEMENT IN WALLS:

THICKNESS (mm)	HORIZ REINFORCEMENT	VERT REINFORCEMENT
150	10M @ 300 mm oc	10M @ 300 mm oc
200	15M @ 400 mm oc	15M @ 450 mm oc
250	15M @ 400 mm oc	15M @ 400 mm oc
 - MINIMUM REINFORCEMENT IN SLABS:

THICKNESS (mm)	REINFORCEMENT EACH WAY
100	10M @ 500 mm oc
150	10M @ 300 mm oc
200	15M @ 400 mm oc
- WHERE PLANS, SECTIONS AND DETAILS SHOW LESS REINFORCEMENT THAN ABOVE MINIMUM REINFORCEMENT, THE ABOVE MINIMUM REINFORCEMENT SHALL TAKE PRECEDENCE.
- UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING REINFORCEMENT:
 - CORNER BARS TO MATCH HORIZONTAL WALL REINFORCEMENT AT WALL INTERSECTION.
 - DOWELS IN FOOTINGS OR SLABS TO MATCH VERTICAL WALL REINFORCEMENT.
 - ALL DOWELS TO BE INSTALLED AND TIED IN POSITION BEFORE PLACING CONCRETE.
 - 2-15M BARS AT THE ENDS OF WALLS.
 - 2-15M BARS AT ALL FREE EDGES OF SUSPENDED SLAB.
 - 2-15M BARS AROUND ALL WALL AND SLAB OPENINGS, EXTEND 900 mm BEYOND EDGES.
 - 1-15M x 1500 mm LONG DIAGONAL BAR AT CORNERS OF WALL AND SLAB OPENINGS, PLACE AT CENTER OF WALL OR SLAB.



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NO. 2	FOR TENDER	2022-04-27	M.P.
NO. 1	FOR 90% REVIEW	2021-06-30	M.P.
NUMBER / NUMERO	MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)	INITIALS / INITIALES

DESIGNED BY / CONÇU PAR M. P.	CHECKED BY / VÉRIFIÉ PAR R. B. / M. A. B.
DRAWN BY / DÉSSINÉ PAR Z. B. / M. P.	SCALE / ÉCHELLE AS SHOWN

	DETAIL NUMBER
DRAWING TITLE	
SCALE	
SHEET NUMBER	

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LEMIEUX ISLAND W.P.P.
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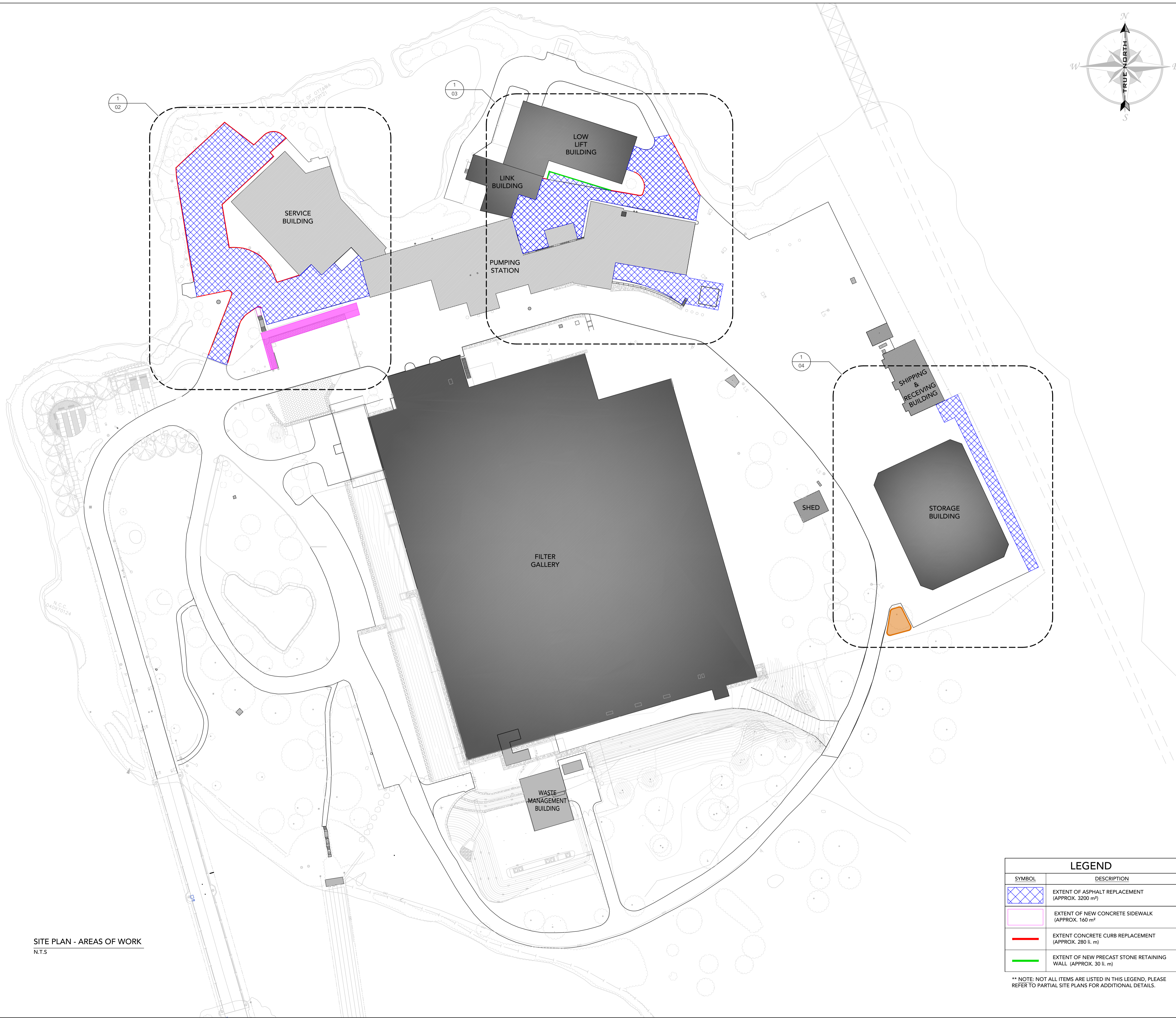
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NOTES

FACILITY NO. / NO. DE INSTALLATIONS -	SHEET NO. / FEUILLE No. 00
PROJECT NO. / PROJET NO. LEMIEUX-2021	

PS-2021\2021 Projects\2110400 Lemieux Island, Asphalt Replacement\2110400 - Drawings\2110400-1.dwg



SITE PLAN - AREAS OF WORK
N.T.S

LEGEND	
SYMBOL	DESCRIPTION
	EXTENT OF ASPHALT REPLACEMENT (APPROX. 3200 m²)
	EXTENT OF NEW CONCRETE SIDEWALK (APPROX. 160 m²)
	EXTENT CONCRETE CURB REPLACEMENT (APPROX. 280 li. m)
	EXTENT OF NEW PRECAST STONE RETAINING WALL (APPROX. 30 li. m)

** NOTE: NOT ALL ITEMS ARE LISTED IN THIS LEGEND, PLEASE REFER TO PARTIAL SITE PLANS FOR ADDITIONAL DETAILS.



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DETAIL NUMBER 1 DRAWING TITLE SCALE: SHEET NUMBER	
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SITE PLAN - AREAS OF WORK

FACILITY NO. / NO. DE INSTALLATIONS

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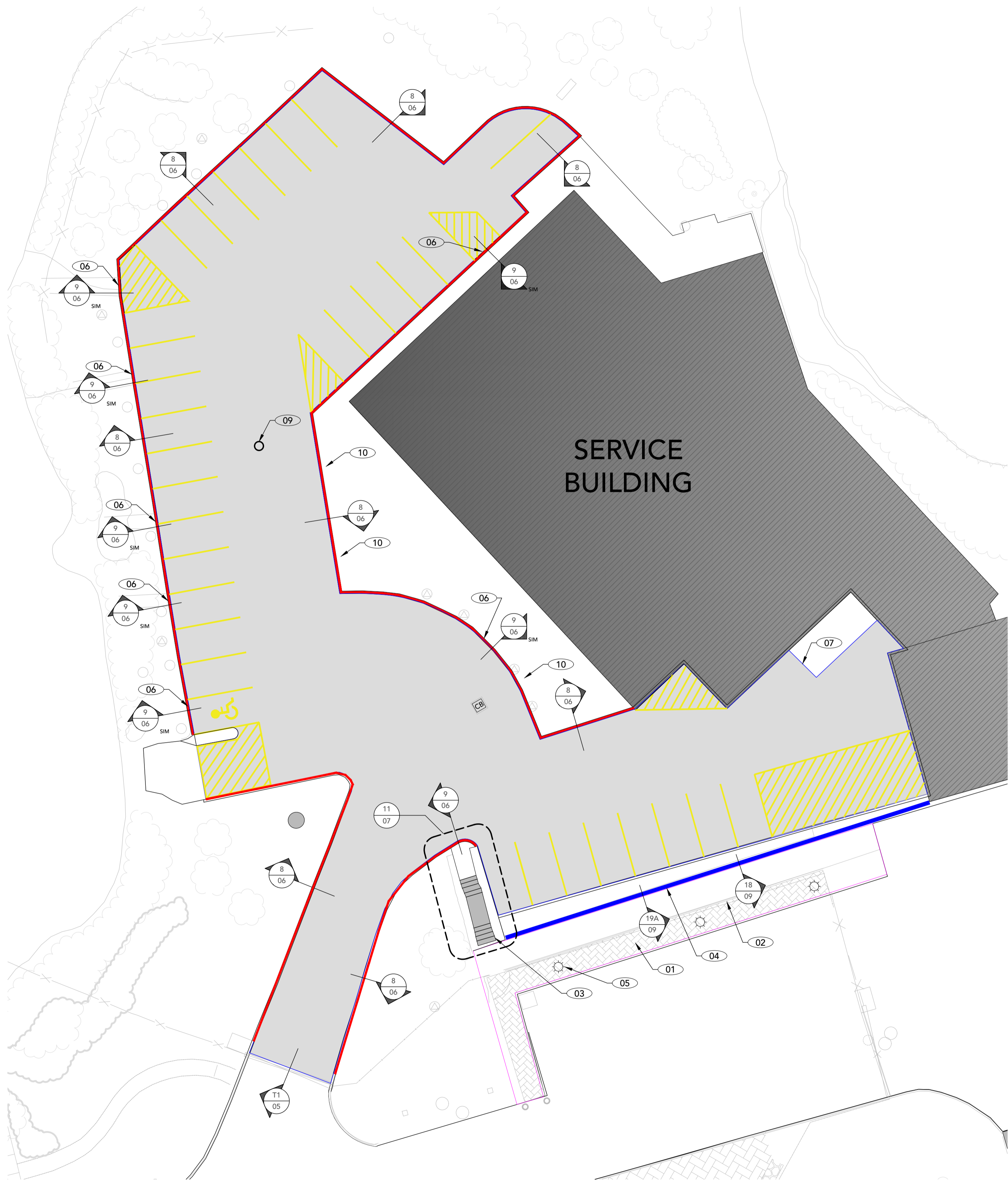
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LEMIEUX-2021

01

PS-2021\2021 Projects\2110400 Lemieux Island Asphalt Replacement\2110400 - Drawings\2110400-1.dwg

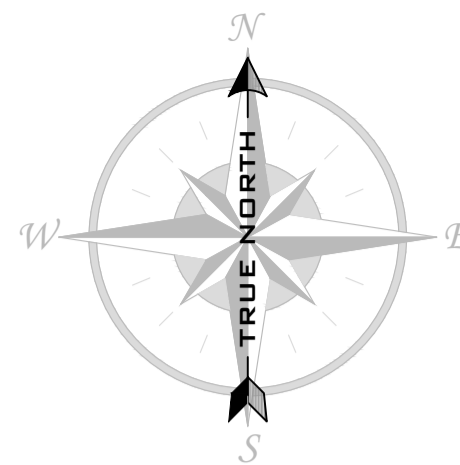


2 PARTIAL SITE PLAN - AREA 1
02 1:200

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXTENT OF ASPHALT REPLACEMENT		EXTENT OF PRECAST COPING STONE AND GUARDRAIL TO BE REPLACED
	EXTENT CONCRETE CURB REPLACEMENT		PARKING SPACE LINES TO BE PAINTED
	EXTENT OF CONCRETE SIDEWALK TO BE INSTALLED		NO PARKING ZONE LINES TO BE PAINTED
	ACCESSIBLE PARKING SPACE SYMBOL TO BE PAINTED		CATCH BASIN TO BE RE-LEVELLED
	LAMP POST		

DRAWING NOTES:

- 01 IN HATCHED AREA: REMOVE EXISTING INTERLOCK PAVING STONES AND POUR CONCRETE SIDEWALK AS DETAILED.
- 02 TEMPORARILY REMOVE EXISTING CHAIN LINK FENCING AND REINSTATE UPON COMPLETION. ADD BASE PLATES AS REQUIRED AND SECURE TO SLAB USING 4-6 mm Ø CONCRETE ANCHORS PER POST.
- 03 EXISTING EXTERIOR STAIRS TO BE REMOVED AND RE-BUILT AS DETAILED.
- 04 REMOVE AND REPLACE EXISTING PRECAST COPING STONES AND GUARDRAIL, REFER TO DETAILS. PROFILE TO MATCH EXISTING.
- 05 CONTRACTOR TO REPLACE ALL EXISTING ELECTRICAL CONDUITS SERVING THE LAMP POSTS AND GATE MAG-LOCKS, LOCATED BELOW PAVERS AND RUN NEW CONDUITS UNDER THE NEW CONCRETE SLAB. SUPPLY NEW CONDUITS AND JUNCTION BOXES AS REQUIRED.
- 06 DEPRESS CURB AT RUN-OFF AREAS AND ENTRANCES.
- 07 REPAIR CONCRETE ALL AROUND ACCESS HATCH.
- 08 REINSTATE AND RE-SEAL GATE EXIT LOOP.
- 09 CONTRACTOR TO SUPPLY AND INSTALL 350 mm GREEN PVC CURB-STOP ISOLATION VALVE AT THIS LOCATION. THIS VALVE IS TO ISOLATE THE RIVER WATER INTAKE TO THE CHILLER WELL IN AN EVENT OF A FLOOD.
- 10 REINSTATE INTERLOCK PAVERS UPON COMPLETION OF NEW CONCRETE CURB ALL ALONG THE SERVICE BUILDING.



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DRAWING / DESSIN

PARTIAL SITE PLAN
AREA 1

FACILITY NO. / NO. DE INSTALLATIONS

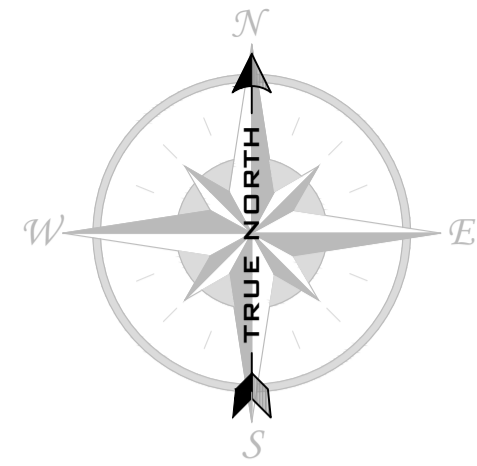
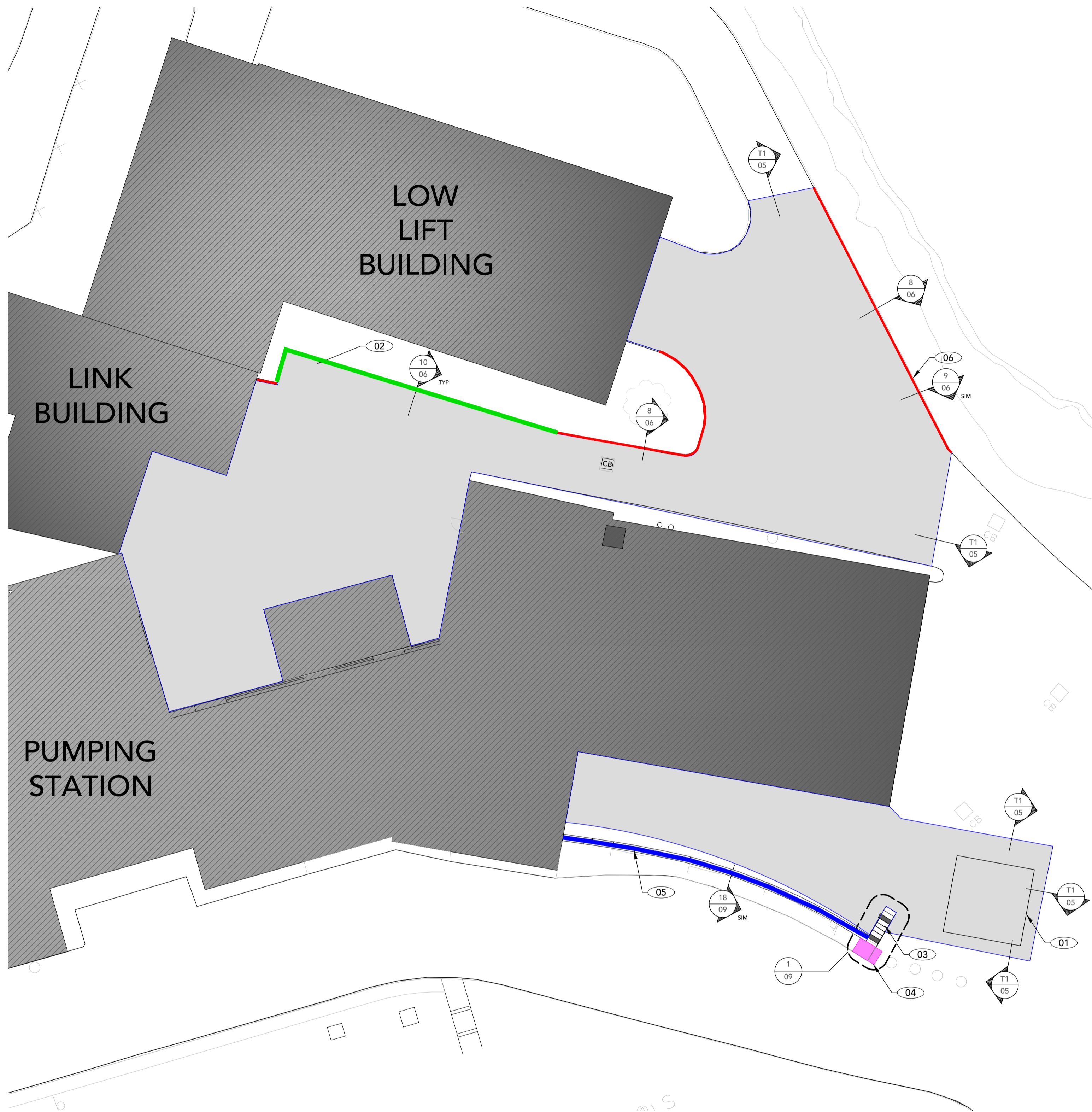
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PROJECT NO. / PROJET NO.
LEMIEUX-2021

SHEET NO. / FEUILLE NO.

02

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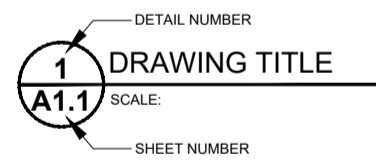
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LEMIEUX ISLAND W.P.P.
PAVEMENT REPLACEMENT

1 ONIGAM STREET
OTTAWA, ONTARIO

DRAWING / DESSIN

**PARTIAL SITE PLAN
AREA 2**

FACILITY NO. / NO. DE INSTALLATIONS -	SHEET NO. / FEUILLE No. 03
PROJECT NO. / PROJET NO. LEMIEUX-2021	

PS-2021\2021 Projects\ Lemieux Island, Asphalt Replacement\2110400 - Drawings\2110400-1.dwg

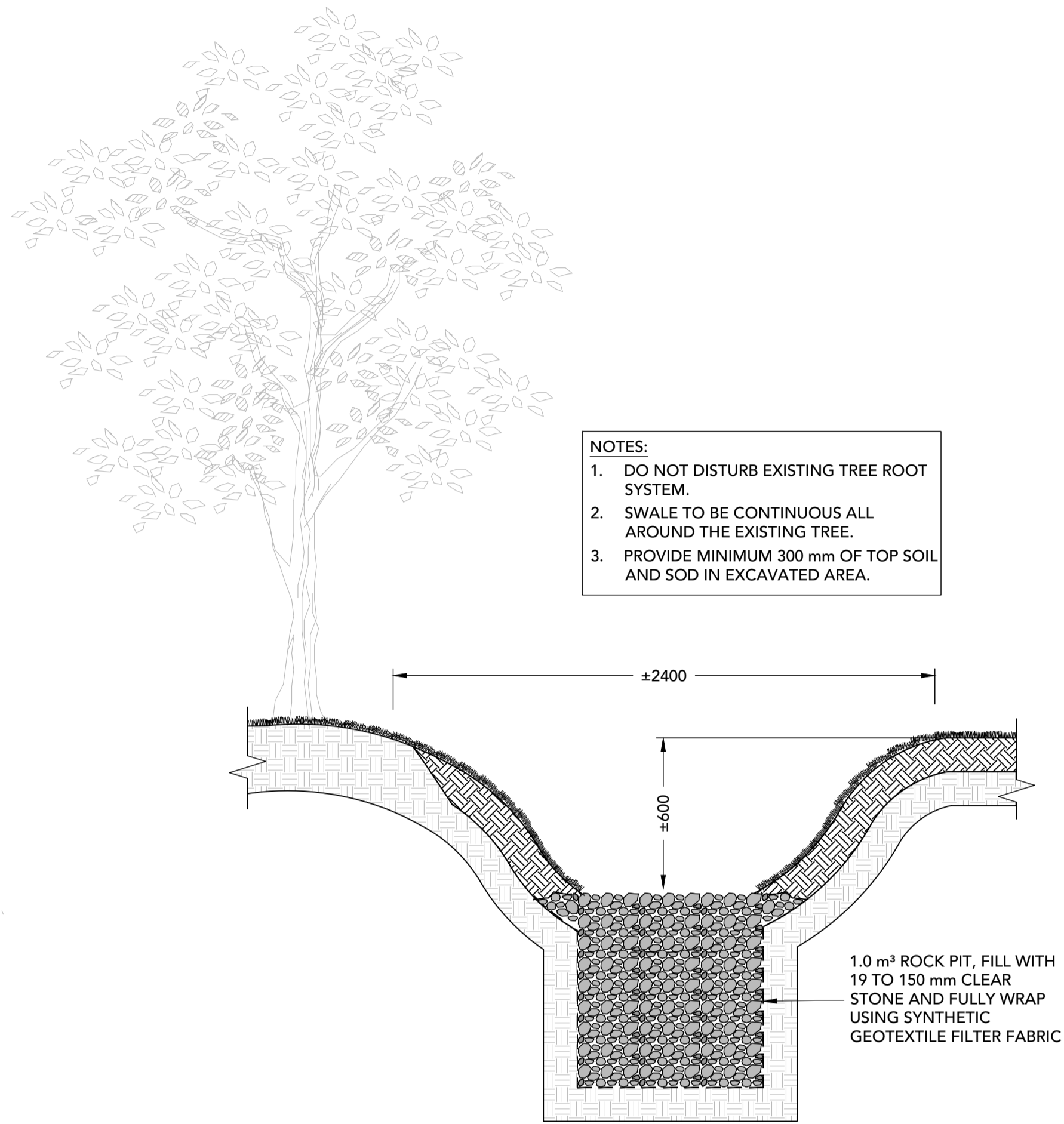


3 PARTIAL SITE PLAN - AREA 3
04 1:200

LEGEND	
SYMBOL	DESCRIPTION
	EXTENT OF ASPHALT REPLACEMENT
	EXTENT OF EXCAVATED GRASS SWALE / DRY WELL TO BE INSTALLED

DRAWING NOTES:

- 01 CONTRACTOR TO PATCH DAMAGED ASPHALT AREA AT STORAGE BUILDING NORTH ENTRANCE. (±3.0 x 3.0 m)
- 02 EXCAVATE AROUND EXISTING TREE TO PROVIDE GRASS SWALE IN THIS LOW LYING AREA AS INDICATED. LOCATES ARE REQUIRED PRIOR TO ANY WORK IN THIS AREA AS THERE IS CRITICAL INFRASTRUCTURE.
- 03 IN THIS AREA, SUB-GRADE WILL ALREADY BE PREPARED AS PART OF A SEPARATE PROJECT. CONTRACTOR TO PRICE FOR ASPHALT PAVEMENT ONLY IN THIS AREA.



4 GRASS SWALE/DRY WELL
04 1:20

- NOTES:
- DO NOT DISTURB EXISTING TREE ROOT SYSTEM.
 - SWALE TO BE CONTINUOUS ALL AROUND THE EXISTING TREE.
 - PROVIDE MINIMUM 300 mm OF TOP SOIL AND SOD IN EXCAVATED AREA.



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NO. 2	FOR TENDER	2022-04-27	M.P.
NO. 1	FOR 90% REVIEW	2021-06-30	M.P.
NUMBER / NUMERO	MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)	INITIALS / INITIALES

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DRAWN BY / DÉSSINÉ PAR Z. B. / M. P.	SCALE / ÉCHELLE AS SHOWN

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PARTIAL SITE PLAN
AREA 3

FACILITY NO. / NO. DE INSTALLATIONS

-

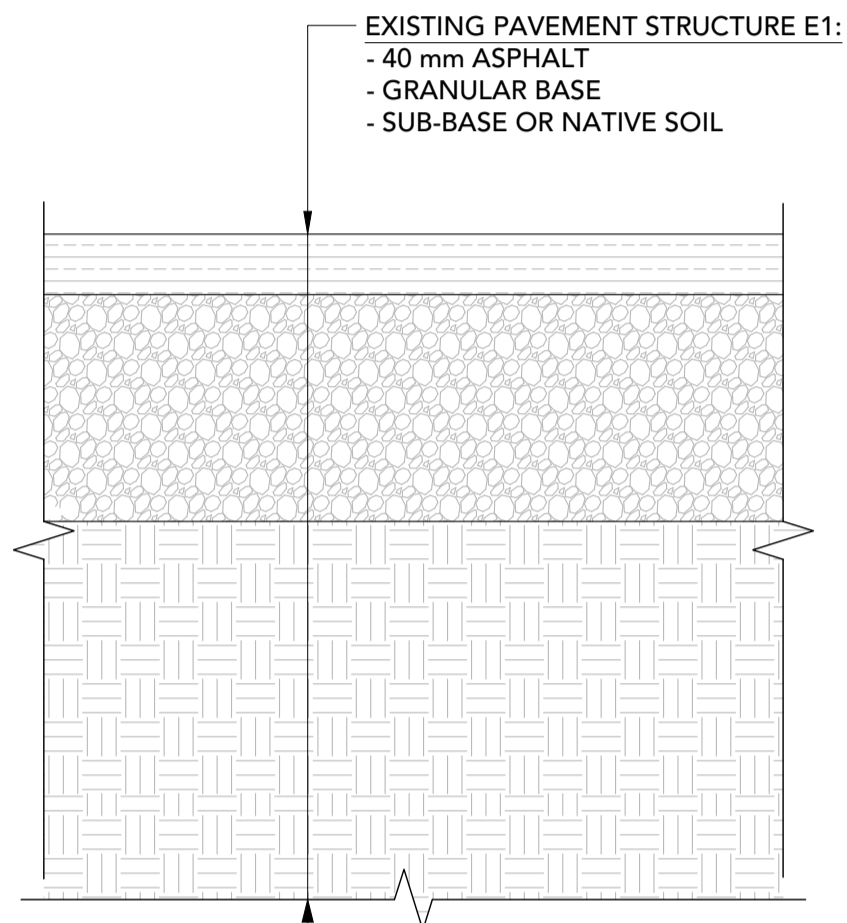
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PROJECT NO. / PROJET NO.

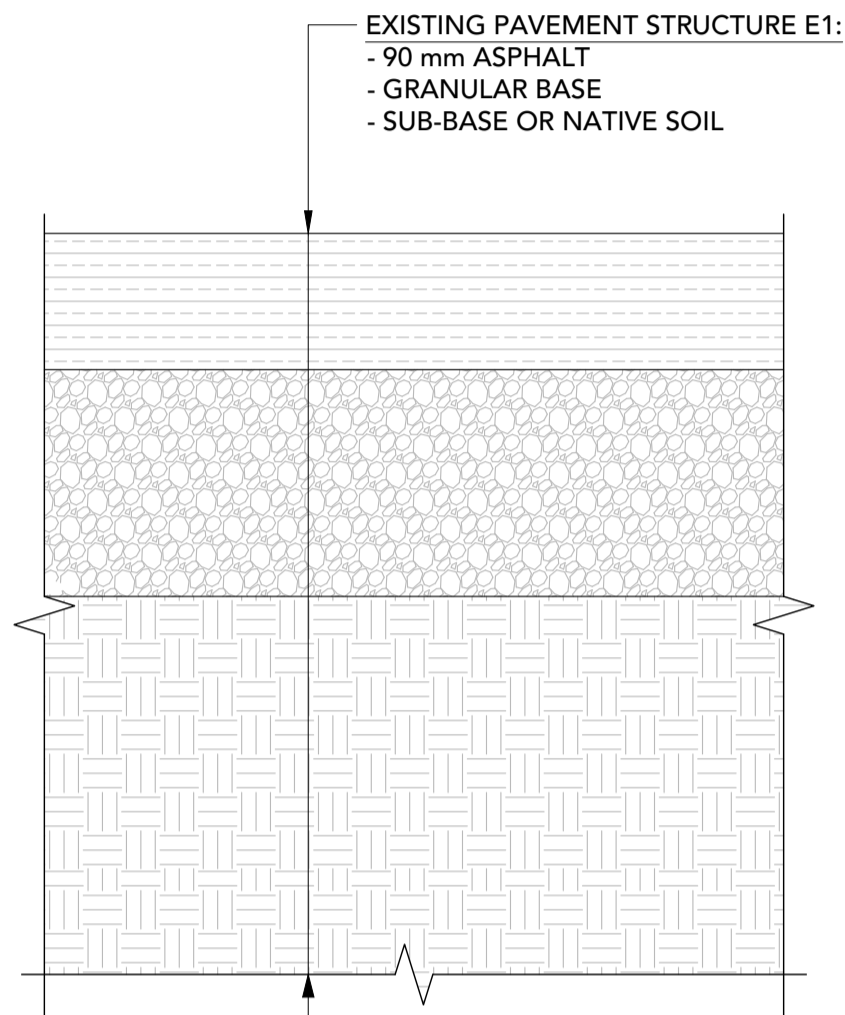
LEMIEUX-2021

04

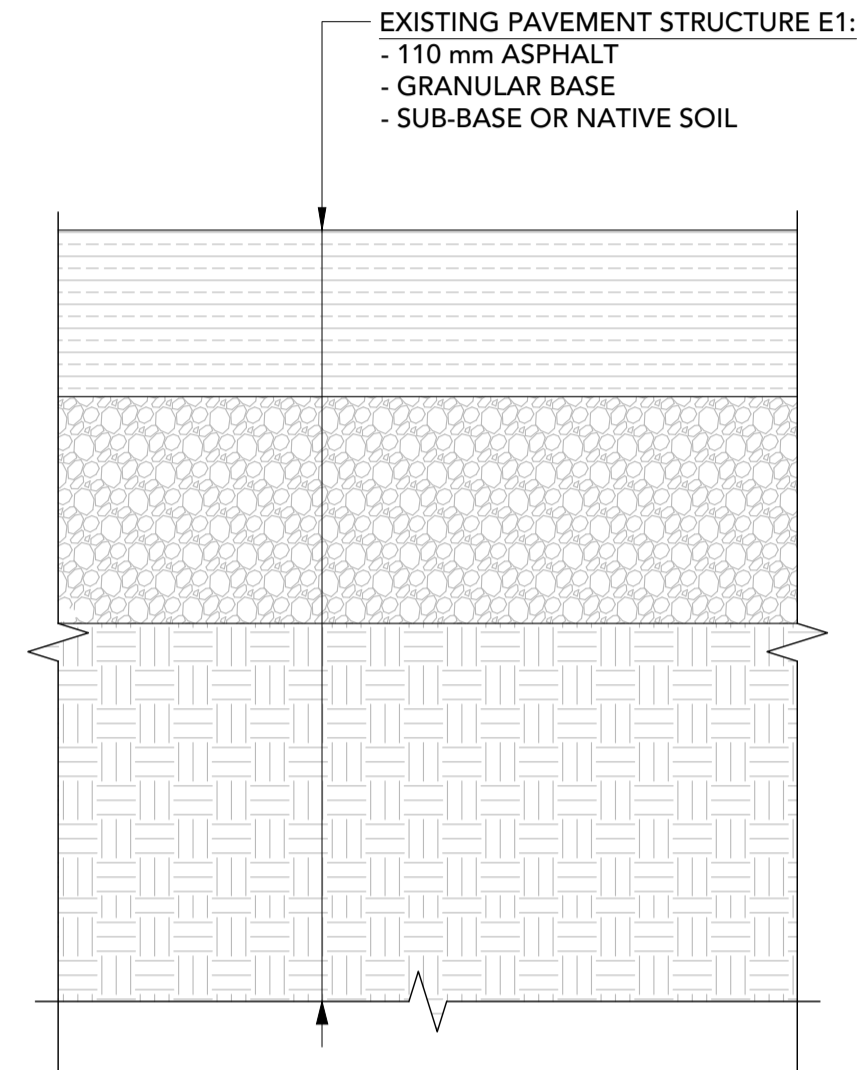
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E1 EXISTING PAVEMENT STRUCTURE E1
05 1:5 AREA 1

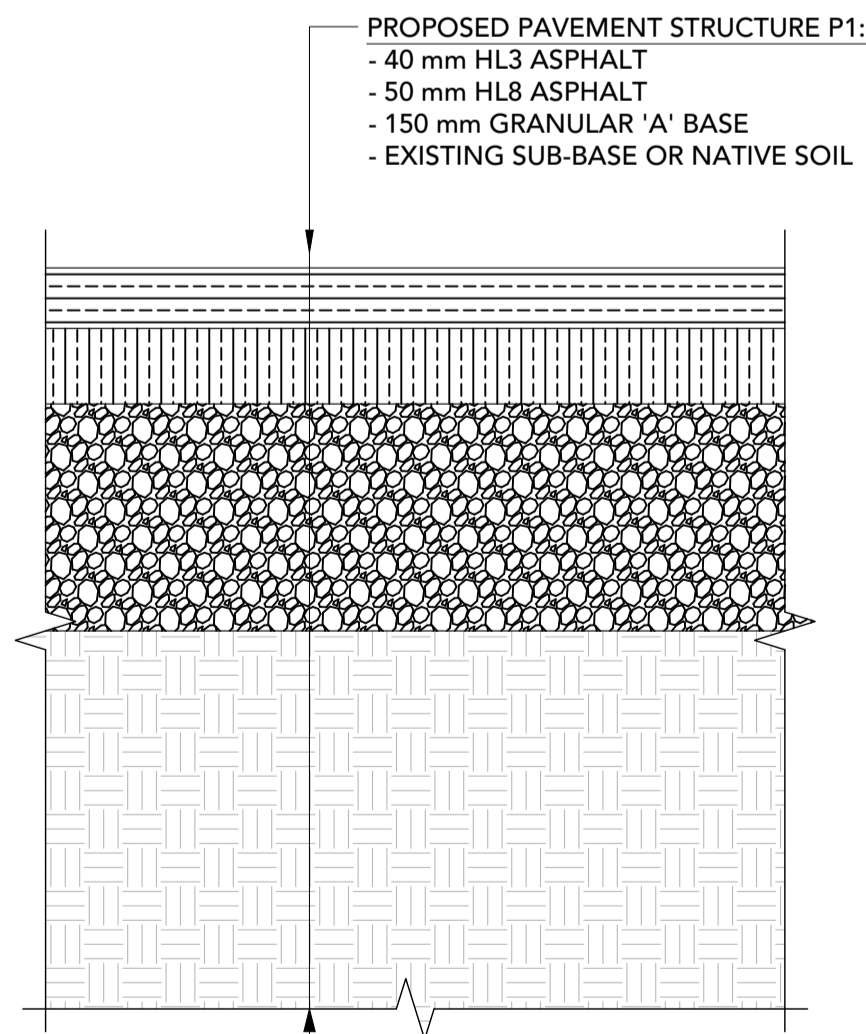


E2 EXISTING PAVEMENT STRUCTURE E2
05 1:5 AREA 2

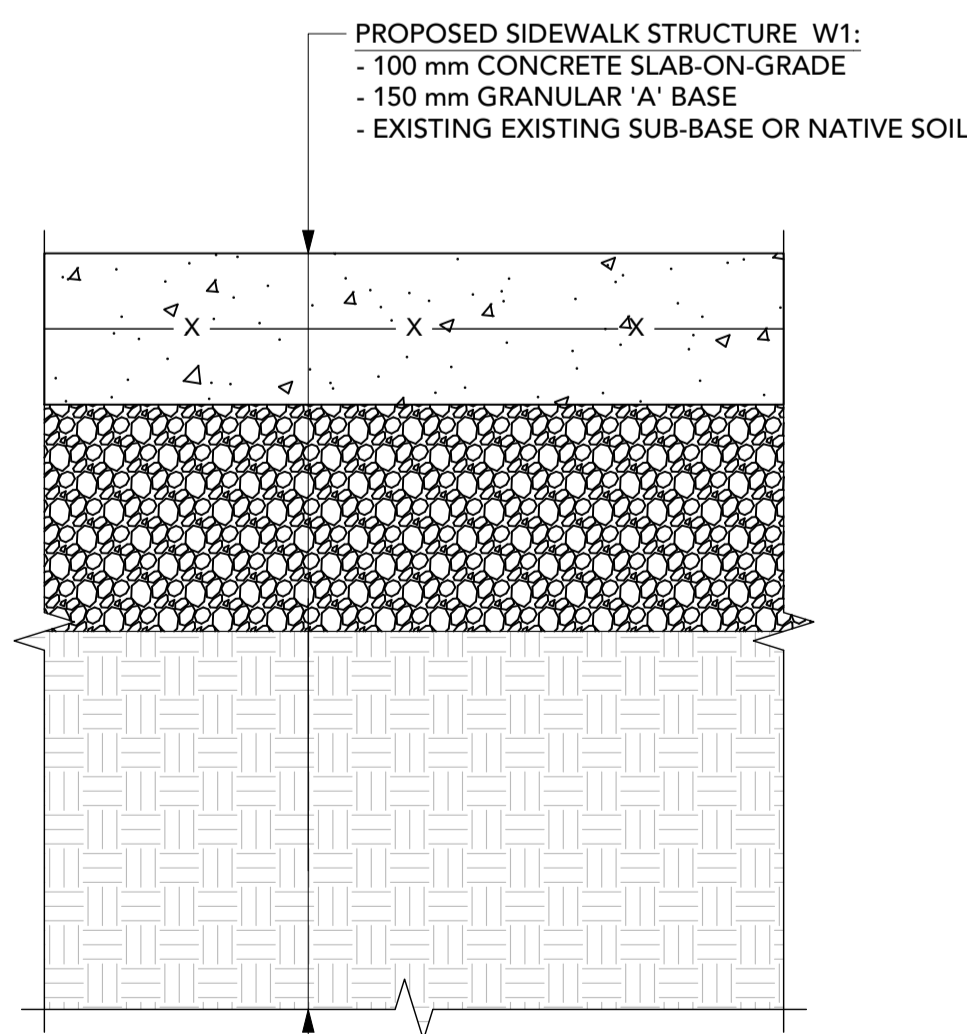


E3 EXISTING PAVEMENT STRUCTURE E3
05 1:5 AREA 3

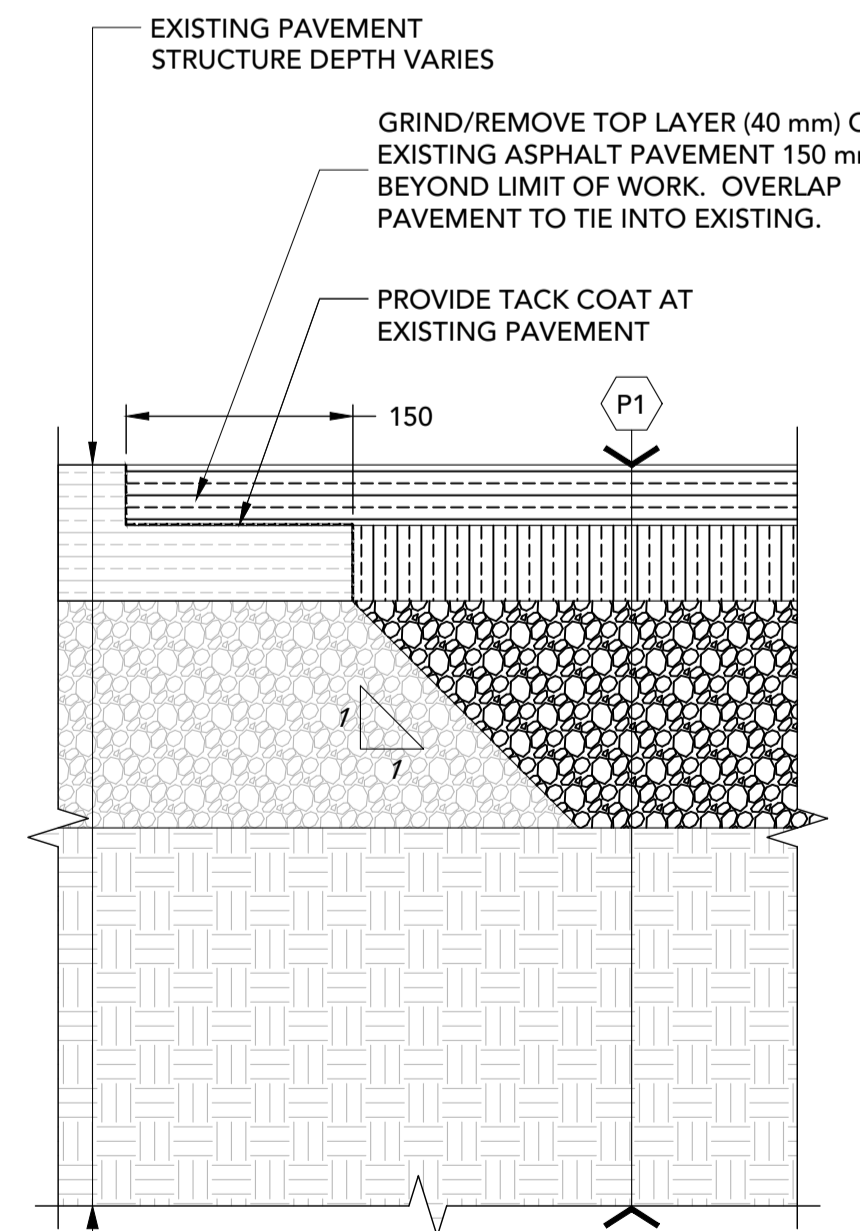
NOTE:
1. PROVIDE 150 X 150 mm W.W.M. REINFORCING AT MID-DEPTH OF SLAB-ON-GRADE, ENSURE MIN. 50 mm EDGE COVER ALL AROUND AND AT EXPANSION JOINTS.



P1 PROPOSED PAVEMENT STRUCTURE P1
05 1:5



W1 PROPOSED SIDEWALK STRUCTURE W1
05 1:5



T1 PAVEMENT TIE-IN
05 1:5



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DRAWING / DESSIN
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PROJECT NO. / PROJET NO. LEMIEUX-2021	

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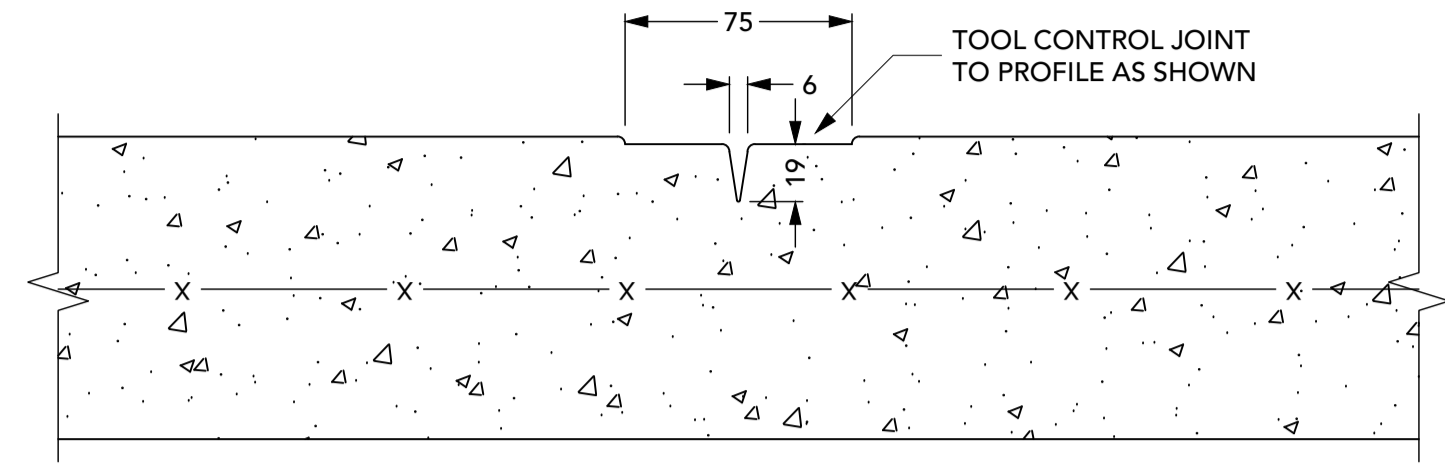
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SHEET NO. / FEUILLE NO.

06

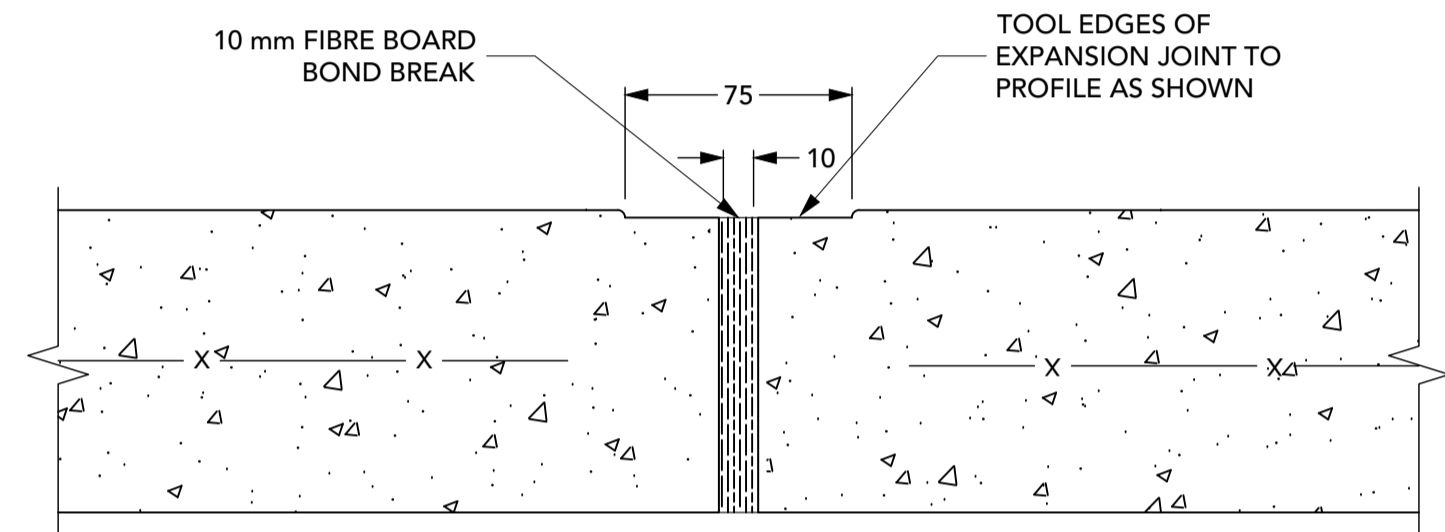
PROJECT NO. / PROJET NO.
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NOTES:
1. PROVIDE CONTROL JOINT AT EQUAL SPACES, OR AT 1200 mm C/C MAX.
2. FULL PROPOSED STRUCTURE NOT SHOWN FOR CLARITY

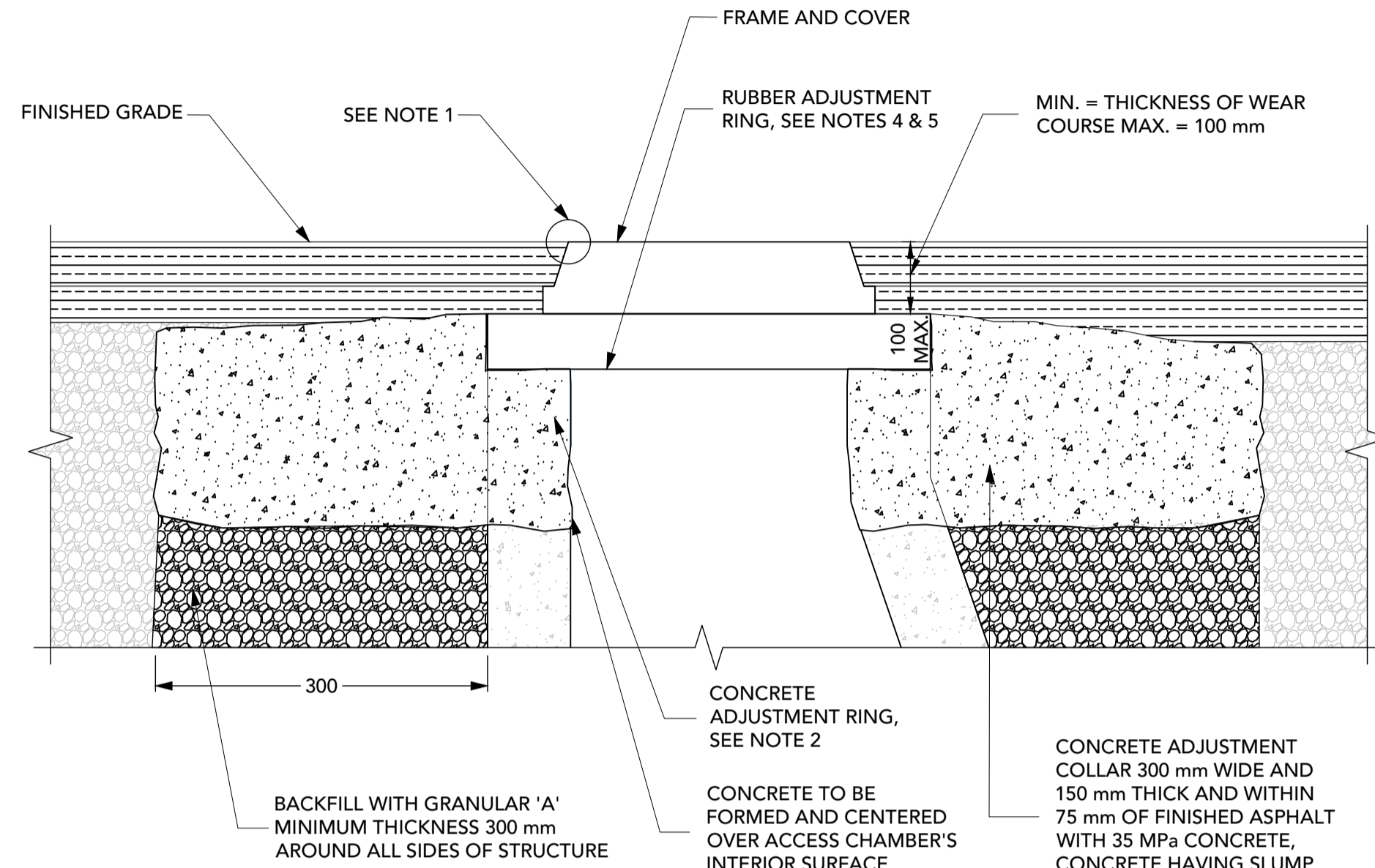


6 TYPICAL SIDEWALK CONTROL JOINT
06 1:2.5

NOTES:
1. PROVIDE EXPANSION JOINT AT MID-SPAN OF SLAB, OR AT 3600 mm C/C MAX.
2. FULL PROPOSED STRUCTURE NOT SHOWN FOR CLARITY.



7 TYPICAL SIDEWALK EXPANSION JOINT
06 1:2.5



5 CATCH BASIN/MANHOLE RE-LEVELING
06 1:5

NOTES:

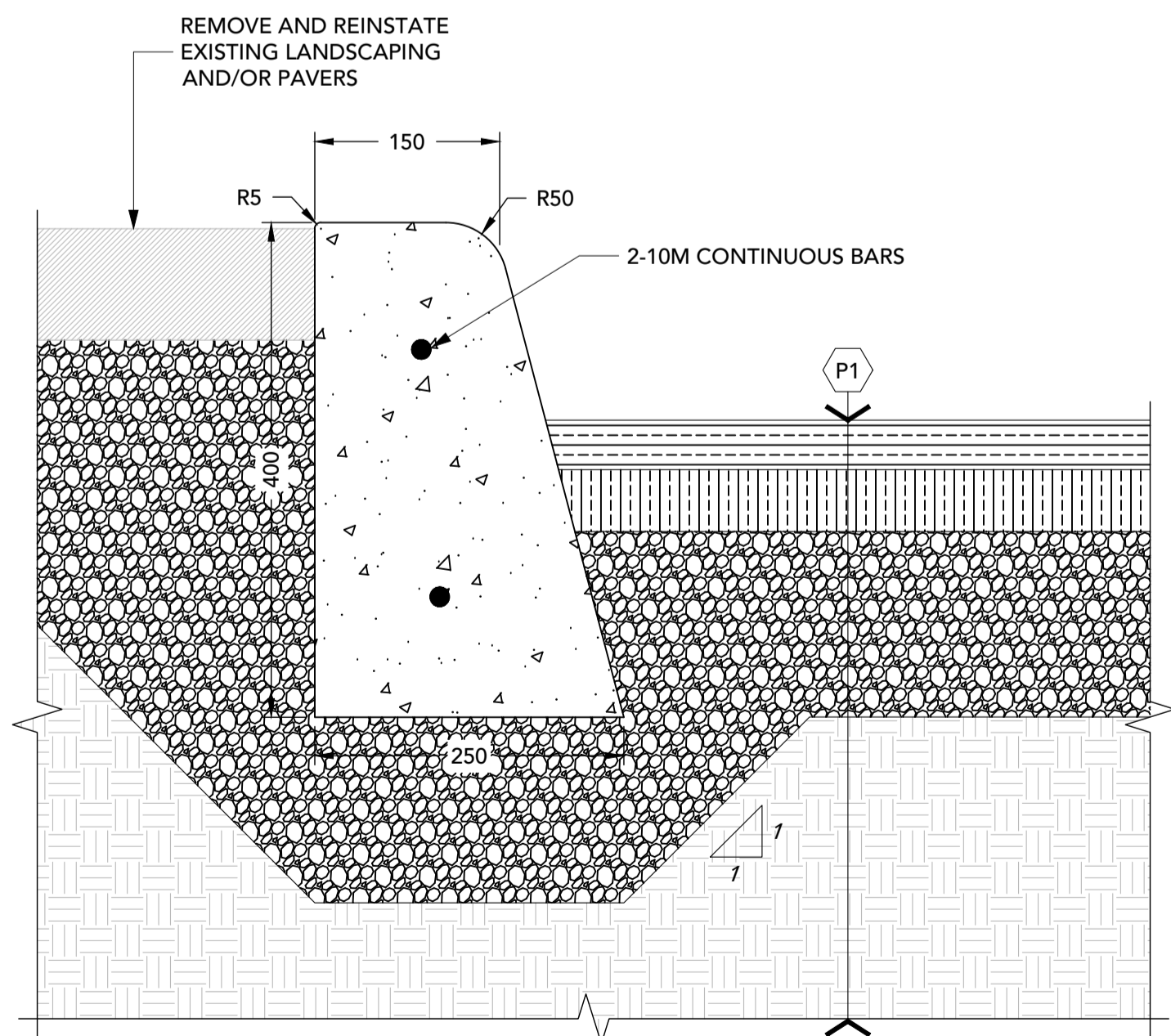
1. THE MAXIMUM VERTICAL TOLERANCE BETWEEN THE FRAME AND FINISHED GRADE IS ± 5 mm OVER A DISTANCE OF 1.5 m.
2. CONCRETE ADJUSTMENT RING 150 mm OR GREATER SHALL BE ALLOWED.
3. SHIMS ARE NOT ALLOWED.
4. CONTINUOUS WATERPROOF SEALANT BEAD TO BE PLACED BETWEEN ALL RUBBER SPACERS AND FRAME.
5. MULTIPLE RUBBER SPACERS UP TO 50 mm OR A SINGLE RUBBER SPACER OF 50 mm THICK SHALL BE ALLOWED.

ADJUSTMENT PROCEDURE:

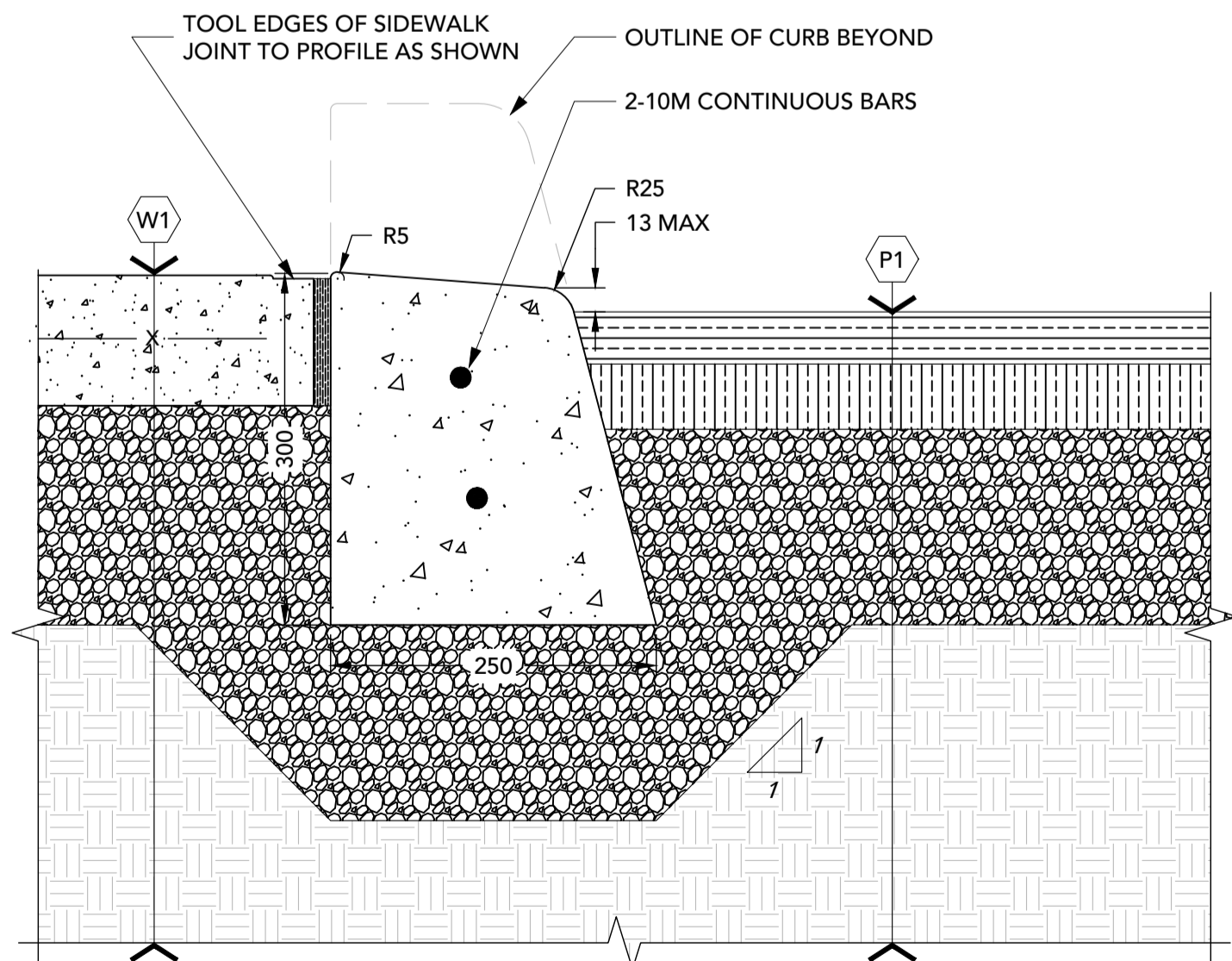
THE CONTRACTOR SHALL DO THE ADJUSTMENT FOR MAINTENANCE HOLES AND CATCH BASIN STRUCTURES IN ACCORDANCE WITH THE FOLLOWING PROCEDURES:

1. PLACE A FORM ON THE INSIDE OF THE MAINTENANCE HOLE OR CATCH BASIN STRUCTURE.
2. POUR 35 MPa CONCRETE CAST-IN-PLACE ENCASEMENT WITH A MAXIMUM SLUMP 60 mm AND A MINIMUM 100 mm THICKNESS OF CONCRETE ON TOP OF THE PRECAST STRUCTURE.
3. PLACE MULTIPLE RUBBER (WITH WATERPROOFING SEALANT BETWEEN EACH SPACER) UP TO 50 mm THICK OVER THE FRESHLY POURED CONCRETE ENCASEMENT.
4. PLACE A BEAD OF WATERPROOF SEALANT ON TOP OF THE TOP SPACER.
5. PLACE THE METAL FRAME ON TOP OF BEADED TOP RUBBER SPACER SO THAT THE TOP OF THE FRAME IS APPROXIMATELY 50 TO 100 mm HIGHER THAN THE FINISHED ROAD GRADE.
6. PUSH DOWN ON THE FRAME TO SQUEEZE OUT EXCESS CONCRETE UNTIL THE TOP OF THE FRAME IS FLUSH WITH THE PROPOSED FINISHED ROAD GRADE.

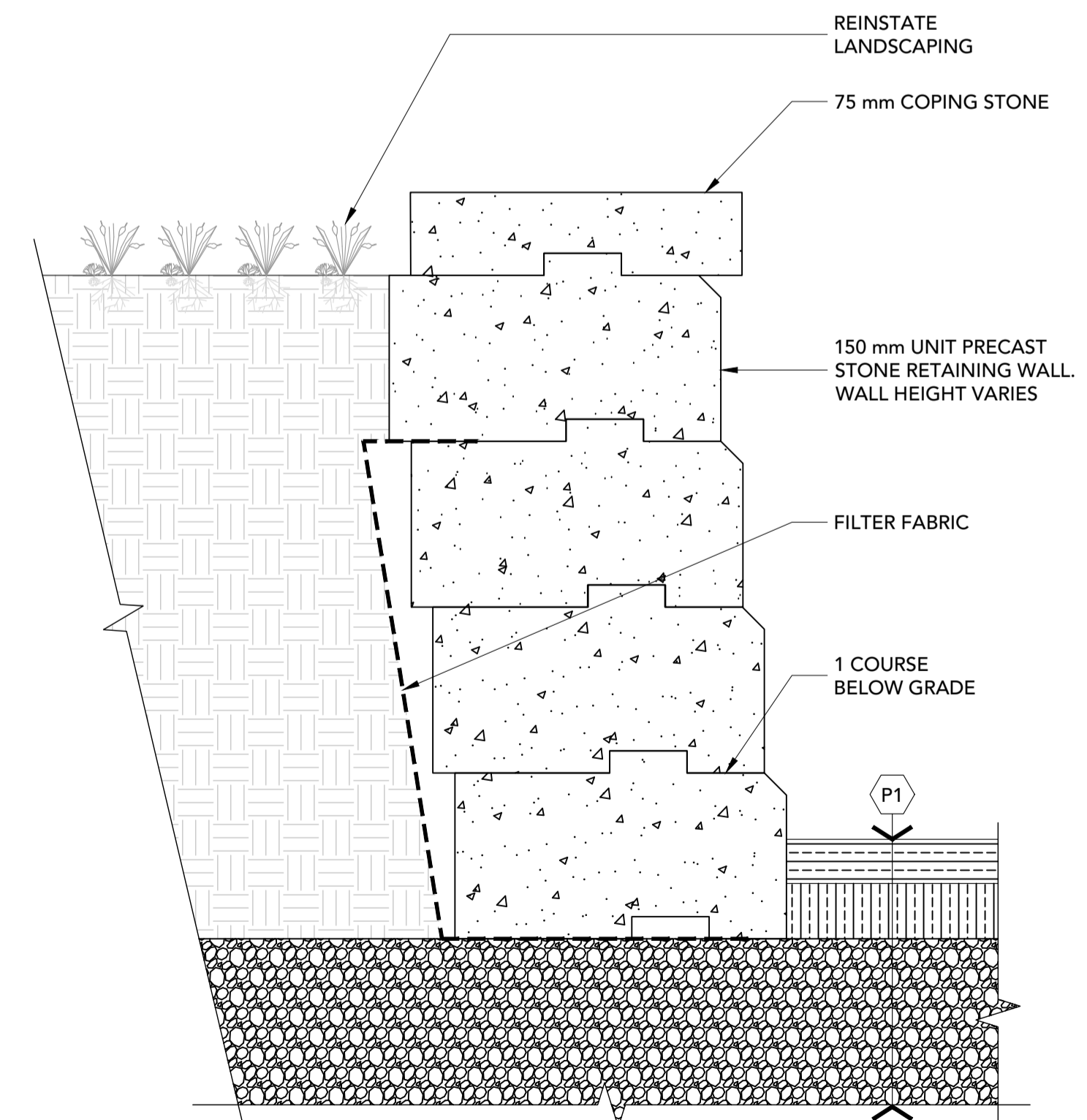
NOTES:
1. PROVIDE CONTROL JOINT AT EQUAL SPACES, OR AT 1200 mm C/C MAX.
2. PROVIDE EXPANSION JOINT AT AT 3600 mm C/C MAX.



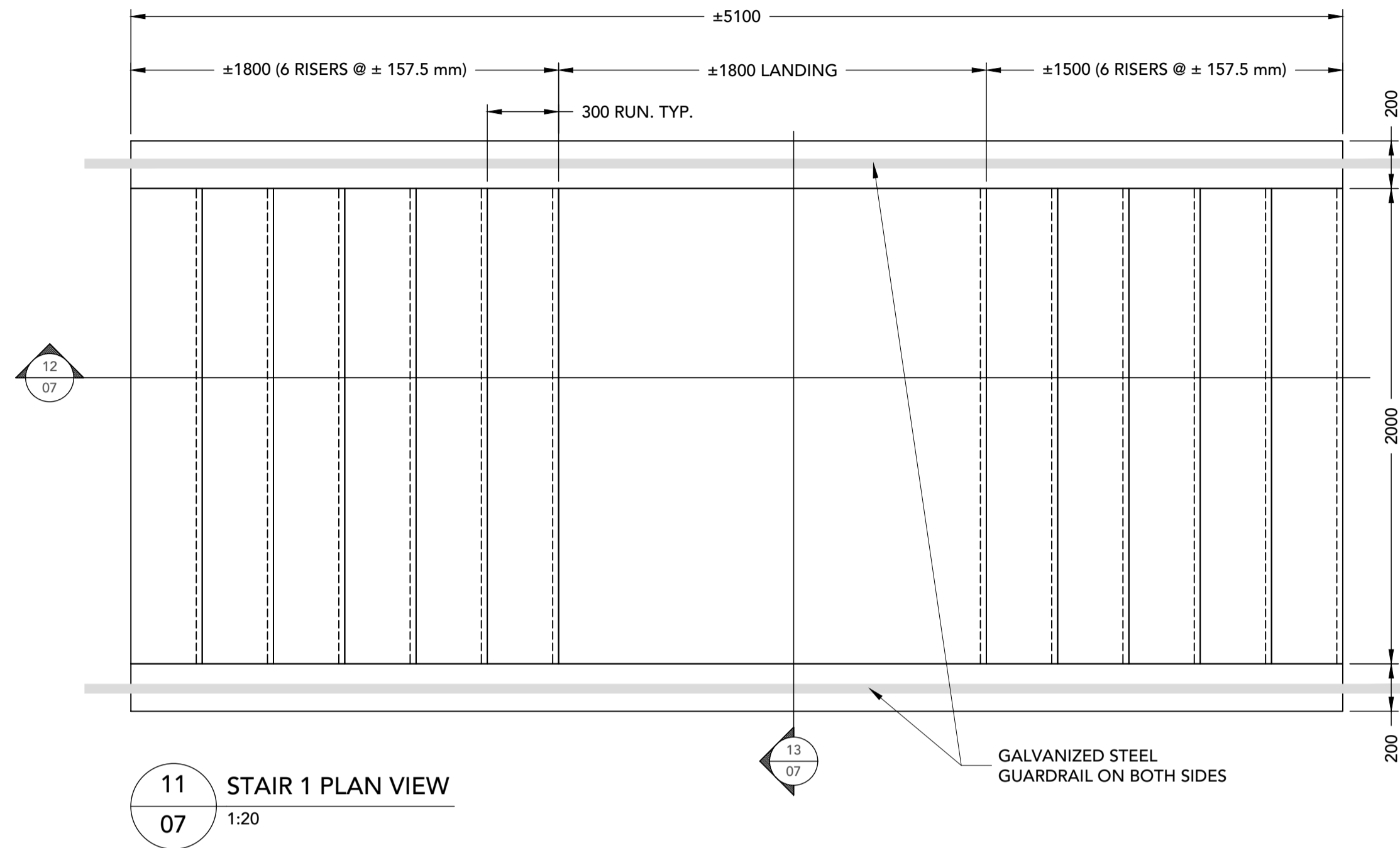
8 CONCRETE BARRIER CURB
06 1:5



9 RECESSED CONCRETE CURB
06 1:5



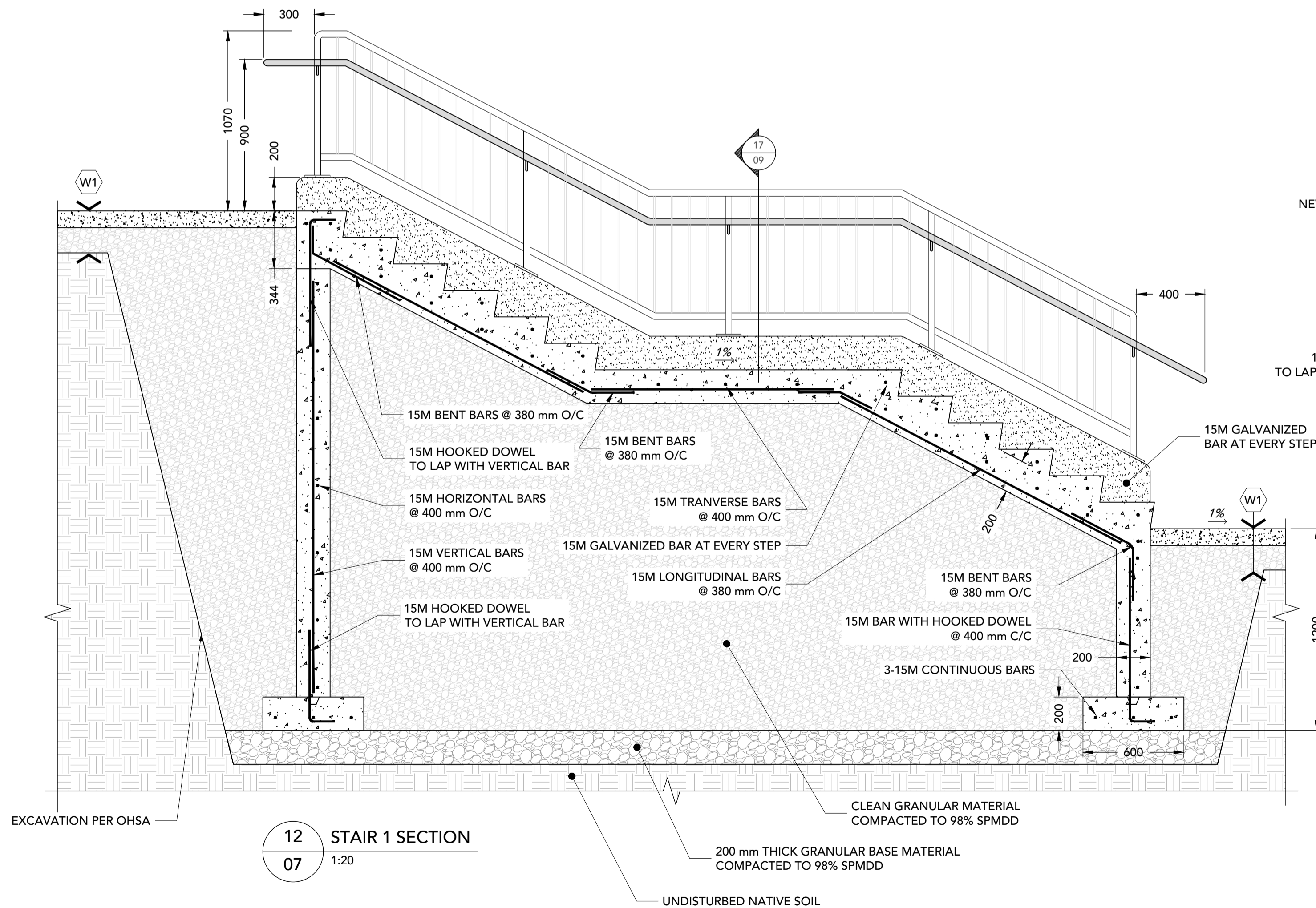
10 STONE RETAINING WALL
06 1:5



11 STAIR 1 PLAN VIEW
 1:20

GALVANIZED STEEL
 GUARDRAIL ON BOTH SIDES

NOTE:
 1. GUARDRAIL NOT SHOWN FOR CLARITY.



12 STAIR 1 SECTION
 1:20

CLEAN GRANULAR MATERIAL
 COMPACTED TO 98% SPMD

200 mm THICK GRANULAR BASE MATERIAL
 COMPACTED TO 98% SPMD

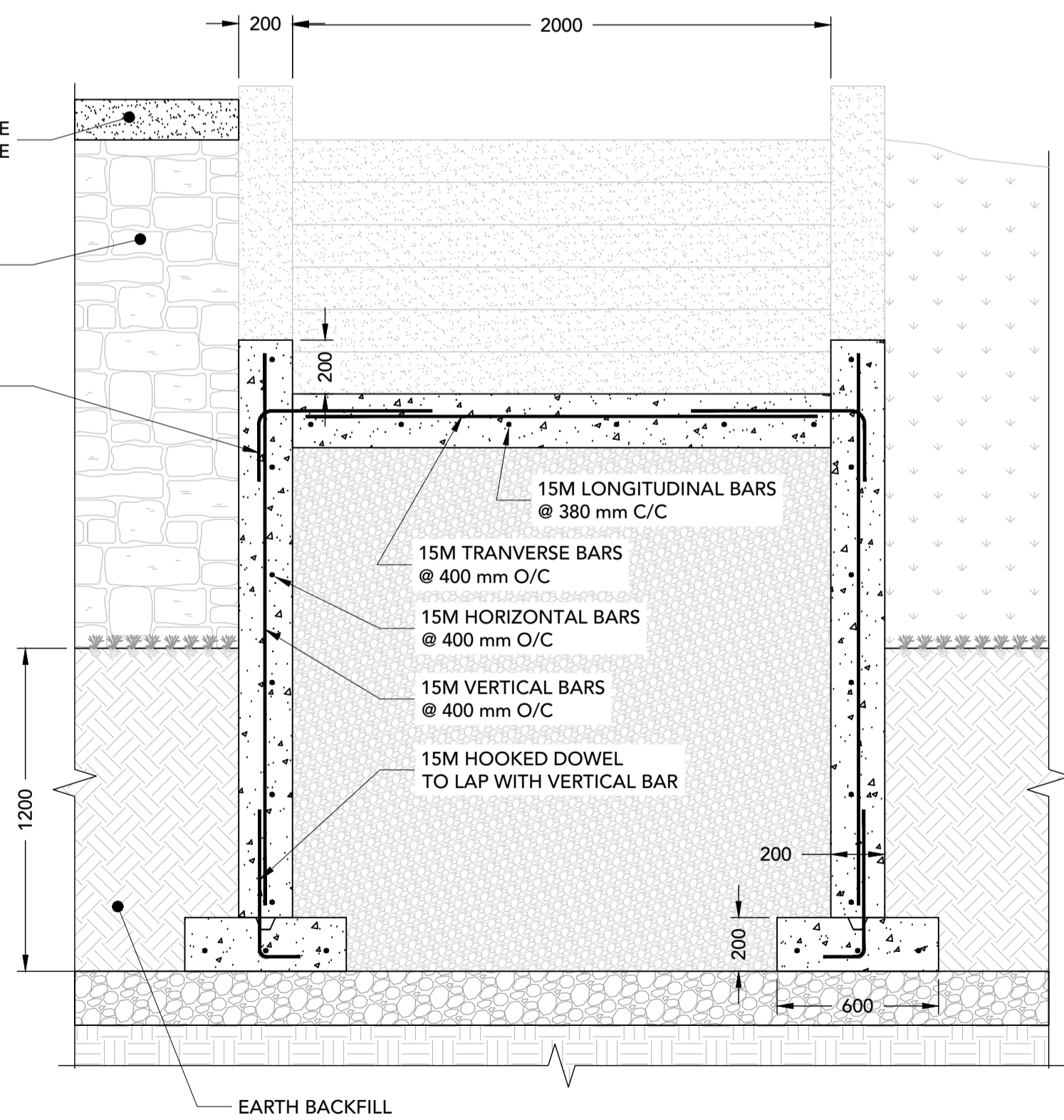
UNDISTURBED NATIVE SOIL

NEW PRECAST CONCRETE
 COPING STONE

STONE RETAINING
 WALL BEYOND

15M HOOKED DOWEL
 TO LAP w/ TRANSVERSE BAR

15M GALVANIZED
 BAR AT EVERY STEP



13 STAIR 1 CROSS-SECTION
 1:20

EARTH BACKFILL

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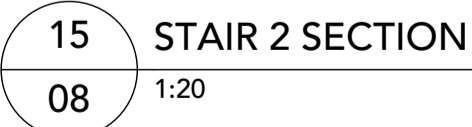
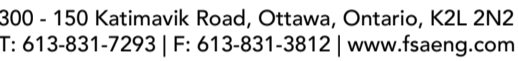
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07

PROJECT NO. / PROJET NO.
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