

ISSUED FOR TENDER
JULY 26, 2022

WALKWAY TO UPPER TERRACE

Canada

CIMA+

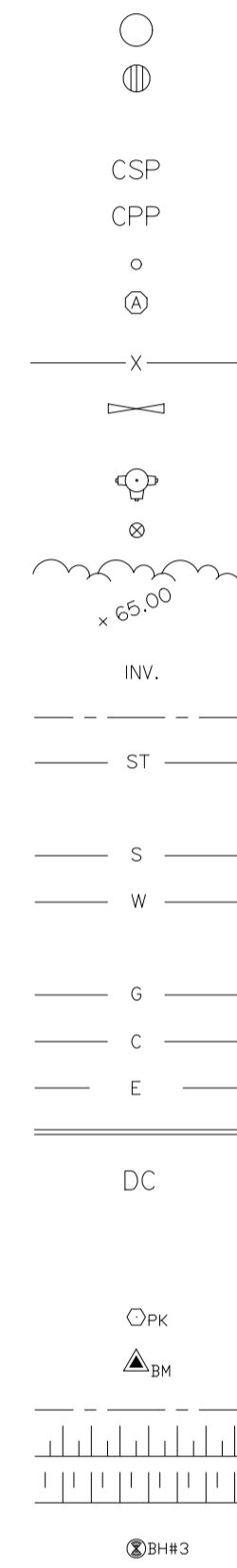
T: 613-880-2482
 110-340 Catherine Street, Ottawa, ON K1P 2G8 CANADA

Not for construction

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.



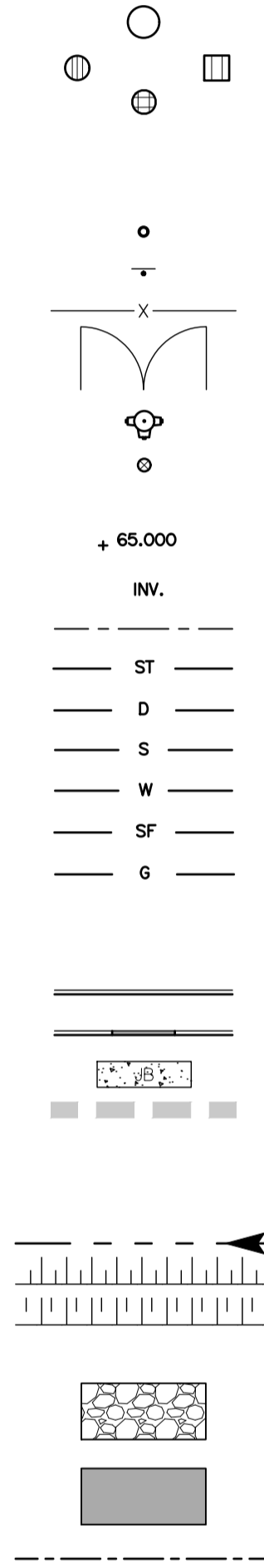
EXISTING



LEGEND

Manhole
 Catchbasin
 Manhole-Catchbasin
 Corrugated Steel Pipe
 Corrugated Plastic Pipe
 Bollard
 Sign
 Chain Link Fence
 Gate
 Fire Hydrant
 Water tap
 Treed area
 Location of Elevation
 Invert
 Property Limit
 Underground Storm Sewer
 Subdrain
 Underground Sanitary Sewer
 Underground Water
 Temporary silt fence
 Underground Gas
 Underground Communication
 Underground Electrical
 Concrete Curb
 Depressed Curb
 Jersey Barrier
 Work Limit Area
 Survey Marker
 Bench Mark
 Ditch / Swale
 Top of Bank
 Bottom of Bank
 Borehole
 Rip-Rap
 Multi Use Pathway (Asphalt)
 Sawcut of Asphalt

NEW



CIVIL DRAWING LIST

- C1 CIVIL DRAWING LIST AND LEGEND
- C2.1 TOPOGRAPHICAL SURVEY PLAN
- C2.2 TOPOGRAPHICAL SURVEY PLAN
- C3.1 GEOMETRY AND GRADING PLAN
- C3.2 GEOMETRY AND GRADING PLAN
- C4.1 DETAILS PLAN
- C4.2 DETAILS PLAN

revisions	description	date
1	ISSUED FOR TENDER	22/07/26

A C	A detail no. no. du detail B location drawing no. sur dessin no. C drawing no. dessin no.	A B C
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project project

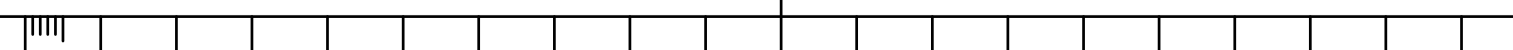
WALKWAY TO UPPER TERRACE

drawing dessin

CIVIL DRAWING LIST AND LEGEND

Designed By	E. POTVIN	Conçu par
Date	2021/06/11	(yyyy/mm/dd)
Drawn By	J.-P. PHARAND	Dessiné par
Date	2021/06/11	(yyyy/mm/dd)
Reviewed By	G. DOUCETTE	Examiné par
Date	2021/06/11	(yyyy/mm/dd)
Approved By	H. BISSON	Approuvé par
Date	2021/06/11	(yyyy/mm/dd)
Tender	JOHN FLECK	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet
	A001125	
Drawing no.		No. du dessin
	C1	

Drawing name: C:\3D-TEMP\2018\TEMP\publish_20980\C1_Liste des plans civil et legende.dwg Jul 26, 2022 - 10:34am



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1	ISSUED FOR TENDER	22/07/26

A	A detail no.	A
C	B location drawing no.	B
	C drawing no.	C

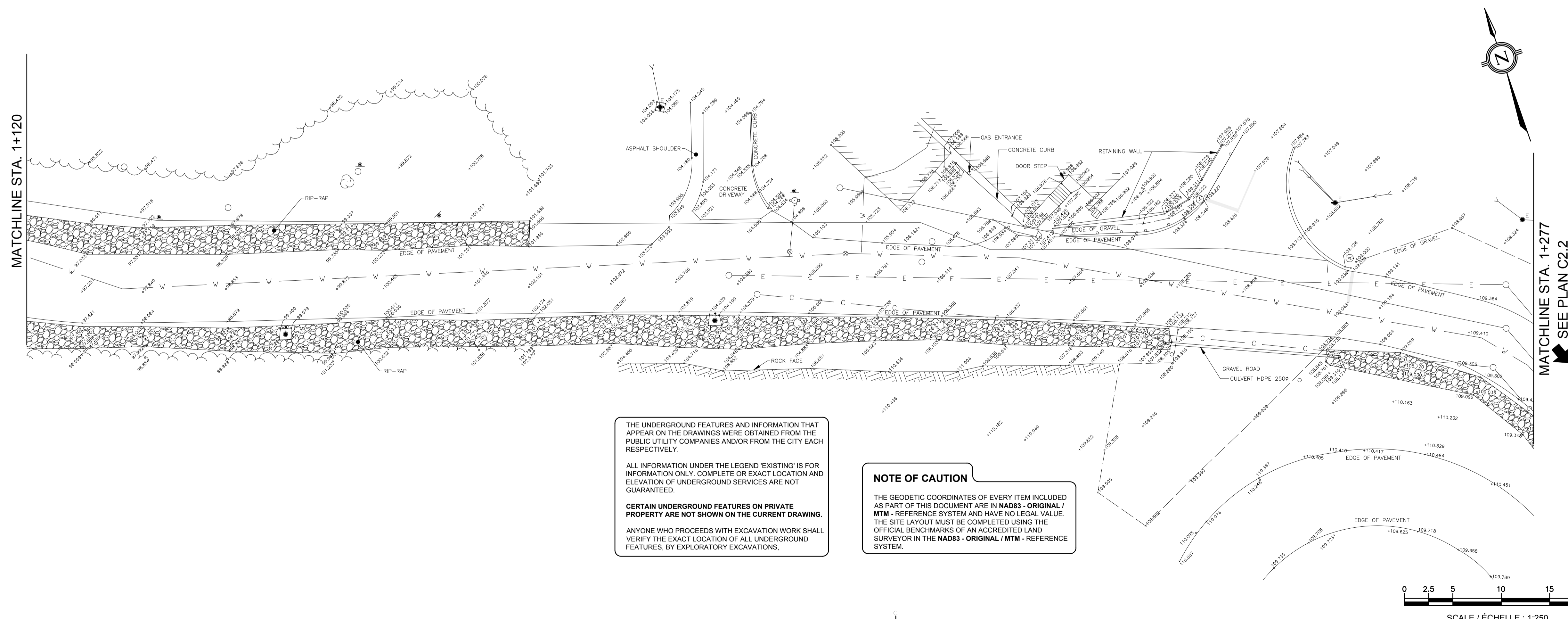
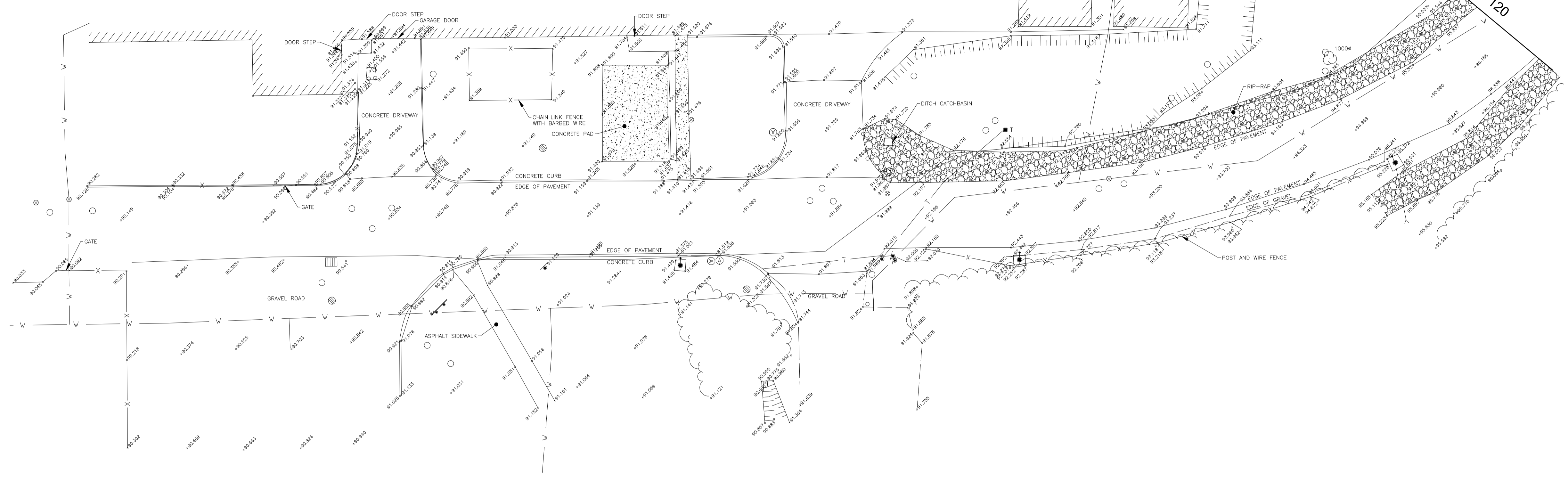
project project

WALKWAY TO UPPER TERRACE

drawing dessin

TOPOGRAPHIC SURVEY PLAN

Designed By	E. POTVIN	Conçu par	
Date	2021/06/11	(yyyy/mm/dd)	
Drawn By	J.-P. PHARAND	Dessiné par	
Date	2021/06/11	(yyyy/mm/dd)	
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Date	2021/06/11	(yyyy/mm/dd)	
Tender	JOHN FLECK	Soumission	
Project Manager		Administrateur de projets	
Project no.	A001125	No. du projet	
Drawing no.	C2.1	No. du dessin	



THE UNDERGROUND FEATURES AND INFORMATION THAT APPEAR ON THE DRAWINGS WERE OBTAINED FROM THE PUBLIC UTILITY COMPANIES AND/OR FROM THE CITY EACH RESPECTIVELY.

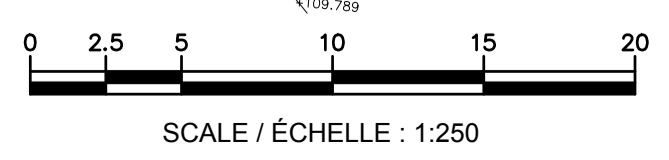
ALL INFORMATION UNDER THE LEGEND 'EXISTING' IS FOR INFORMATION ONLY. COMPLETE OR EXACT LOCATION AND ELEVATION OF UNDERGROUND SERVICES ARE NOT GUARANTEED.

CERTAIN UNDERGROUND FEATURES ON PRIVATE PROPERTY ARE NOT SHOWN ON THE CURRENT DRAWING.

ANYONE WHO PROCEEDS WITH EXCAVATION WORK SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND FEATURES, BY EXPLORATORY EXCAVATIONS.

NOTE OF CAUTION

THE GEODETIC COORDINATES OF EVERY ITEM INCLUDED AS PART OF THIS DOCUMENT ARE IN **NAD83 - ORIGINAL / MTM - REFERENCE SYSTEM** AND HAVE NO LEGAL VALUE. THE SITE LAYOUT MUST BE COMPLETED USING THE OFFICIAL BENCHMARKS OF AN ACCREDITED LAND SURVEYOR IN THE **NAD83 - ORIGINAL / MTM - REFERENCE SYSTEM.**



Drawing name: C:\C3D-TEMP\2018\TEMP\AcPublish_C2_1\plan_topographique.dwg, Jul 26, 2022 - 10:34:00

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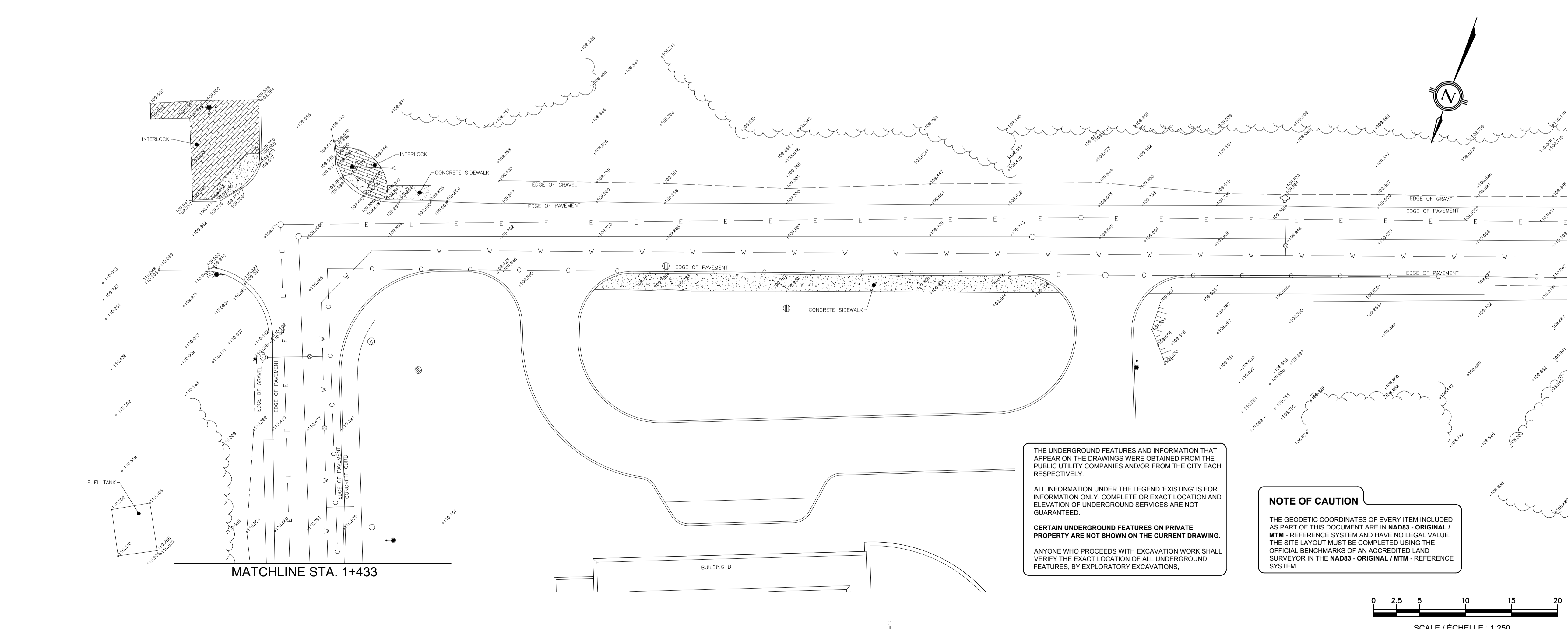
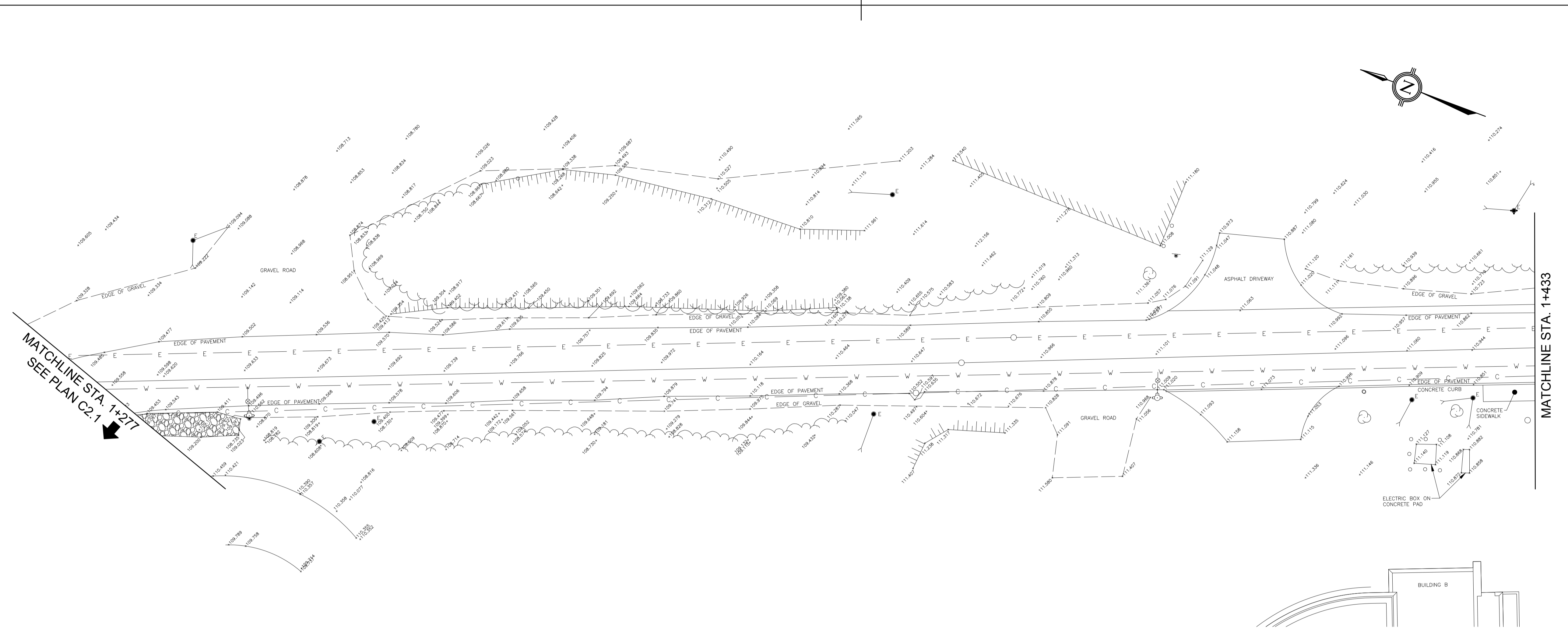
1	ISSUED FOR TENDER	22/07/26
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revisions	description	date
A	A detail no.	
B	B location drawing no.	
C	C drawing no.	

WALKWAY TO UPPER TERRACE

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Tender	JOHN FLECK	Soumission	
Project Manager		Administrateur de projets	
Project no.	A001125	No. du projet	
Drawing no.	C2.2	No. du dessin	



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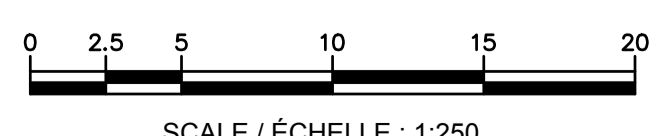
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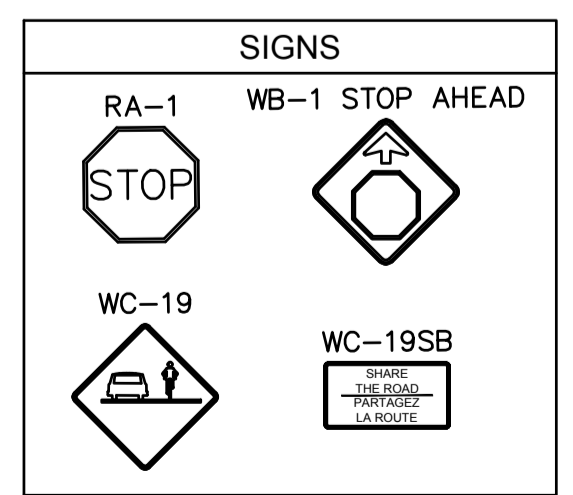
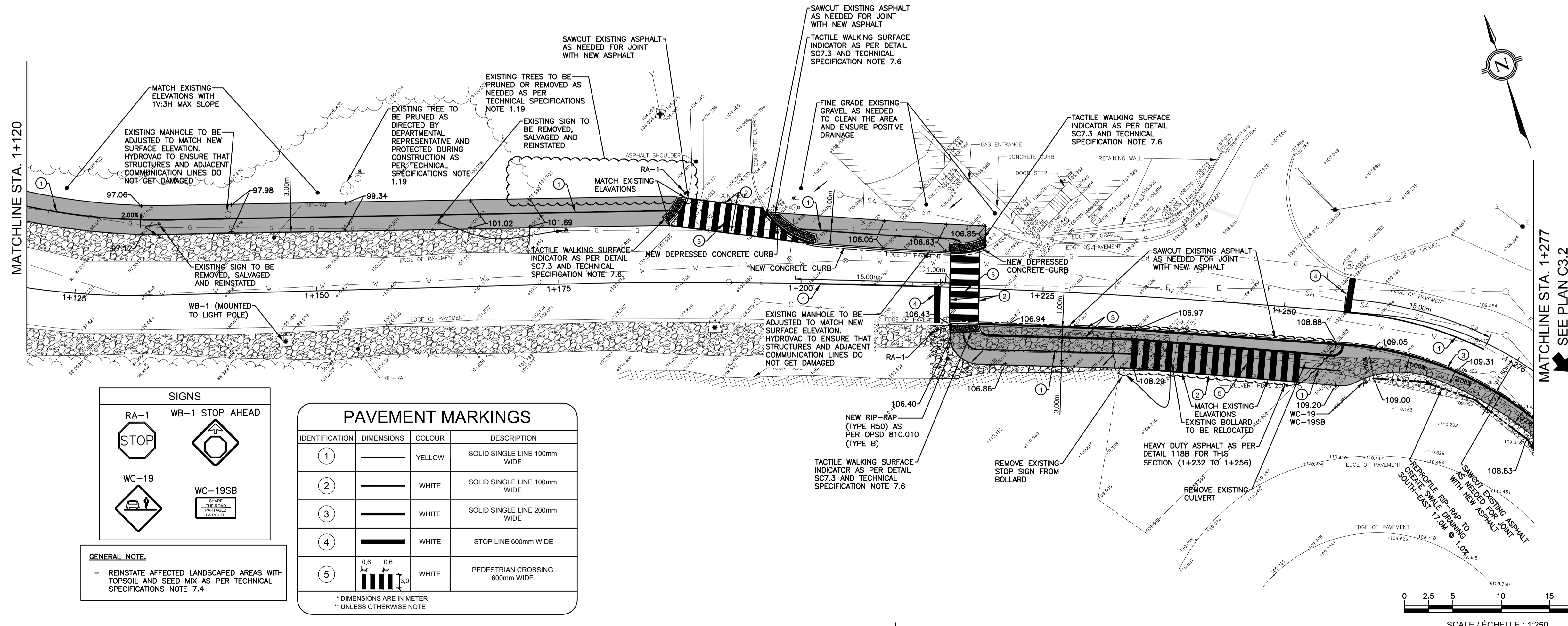
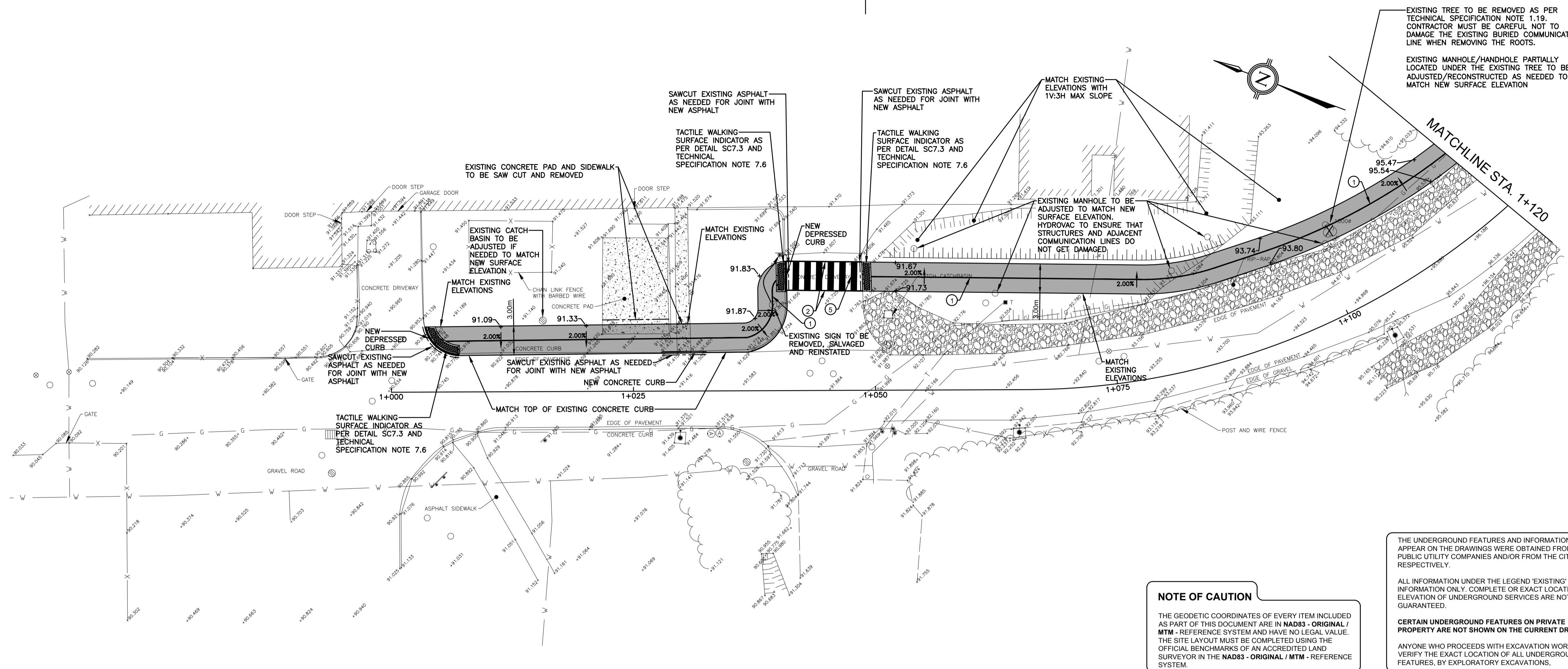
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PAVEMENT MARKINGS

IDENTIFICATION	DIMENSIONS	COLOR	DESCRIPTION
1	—	YELLOW	SOLID SINGLE LINE 100mm WIDE
2	—	WHITE	SOLID SINGLE LINE 100mm WIDE
3	—	WHITE	SOLID SINGLE LINE 200mm WIDE
4	—	WHITE	STOP LINE 600mm WIDE
5		WHITE	PEDESTRIAN CROSSING 600mm WIDE

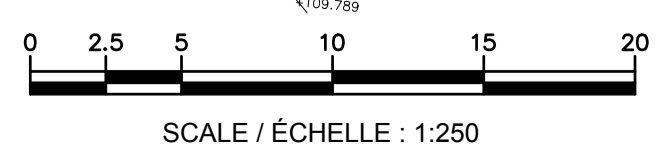
* DIMENSIONS ARE IN METER
** UNLESS OTHERWISE NOTE

1	ISSUED FOR TENDER	22/07/26
revisions	description	date

project: WALKWAY TO UPPER TERRACE

drawing: GEOMETRY AND GRADING PLAN

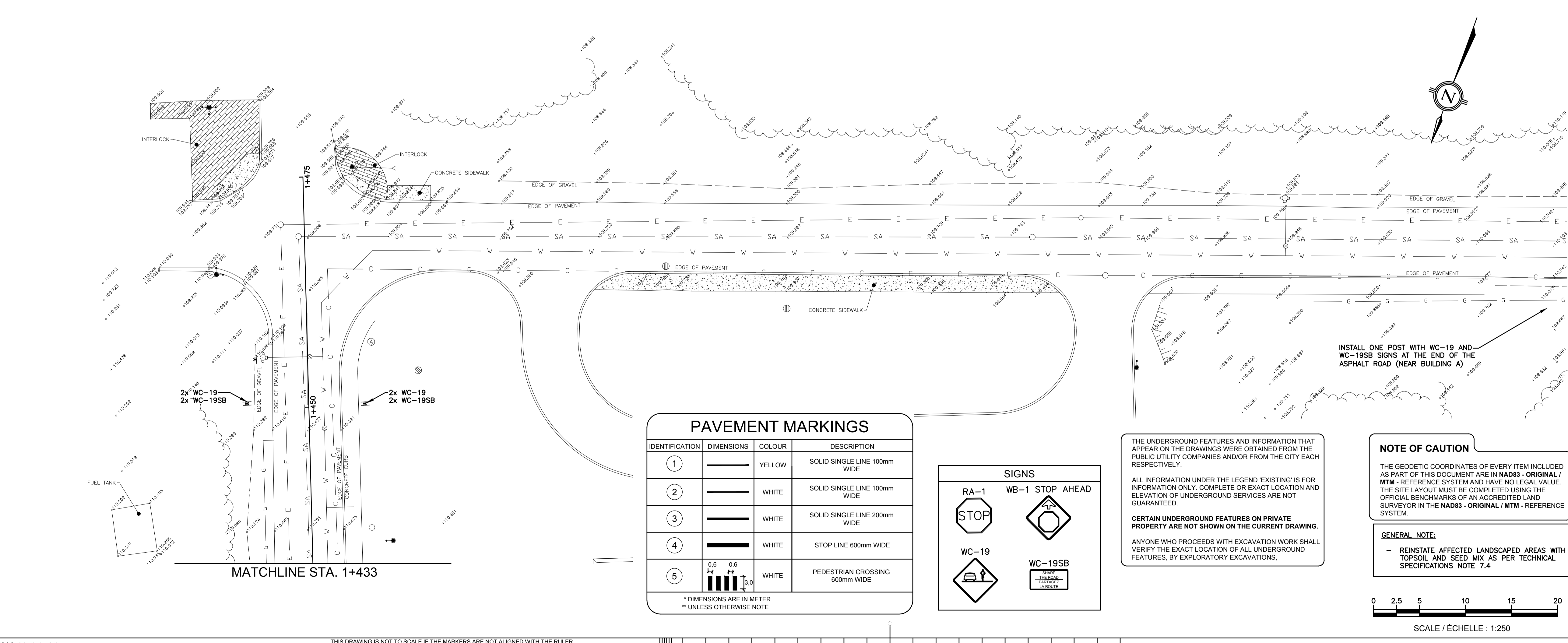
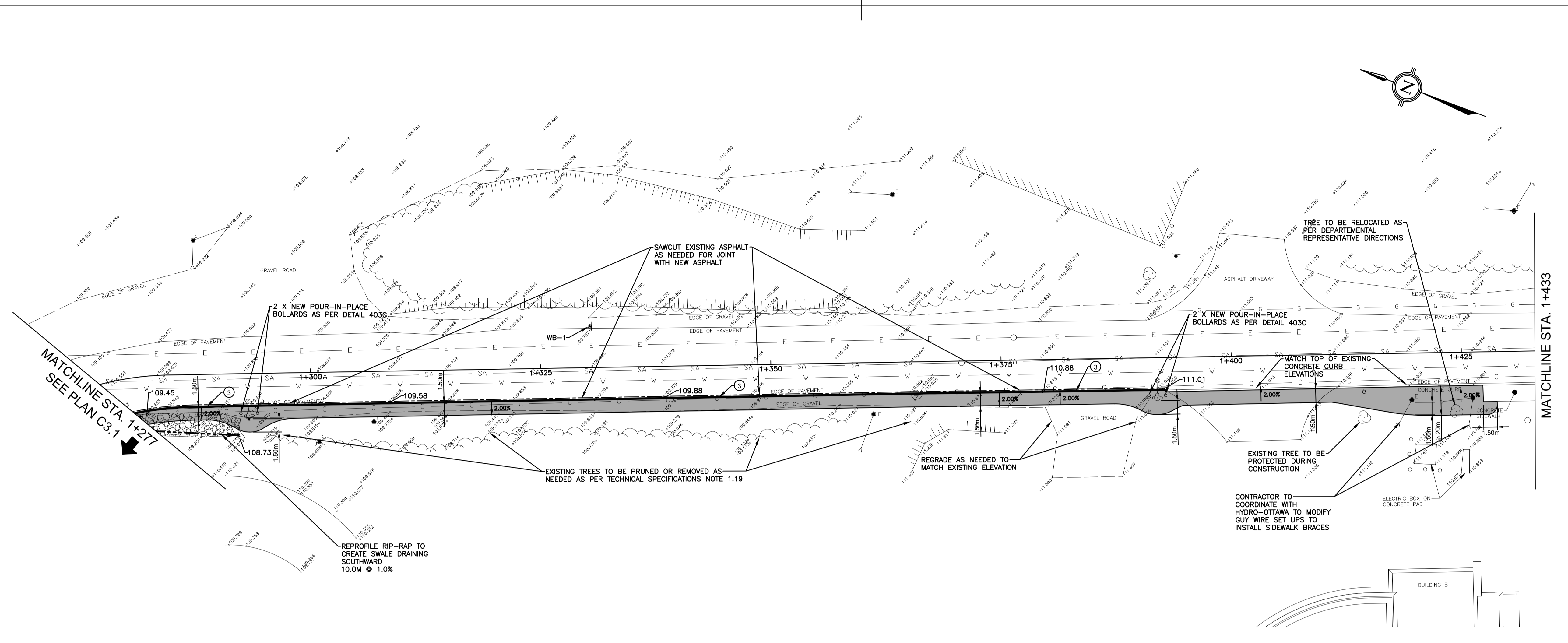
Designed By	E. POTVIN	Conçu par	
Date	2021/06/11	(yyyy/mm/dd)	
Drawn By	J.-P. PHARAND	Dessiné par	
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Tender	JOHN FLECK	Soumission	
Project Manager		Administrateur de projets	
Project no.		No. du projet	
	A001125		
Drawing no.	C3.1	No. du dessin	



Drawing name: C:\3D-TEMP\2018\TEMP\publish_20980\C3_Plan geometrie et terrassement.dwg Jul 26, 2022 - 10:34am

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PAVEMENT MARKINGS			
IDENTIFICATION	DIMENSIONS	COLOUR	DESCRIPTION
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②	—	WHITE	SOLID SINGLE LINE 100mm WIDE
③	—	WHITE	SOLID SINGLE LINE 200mm WIDE
④	—	WHITE	STOP LINE 600mm WIDE
⑤	0.6 0.6 1.0	WHITE	PEDESTRIAN CROSSING 600mm WIDE

* DIMENSIONS ARE IN METER
** UNLESS OTHERWISE NOTE

SIGNS	
RA-1 STOP	WB-1 STOP AHEAD
WC-19	WC-19SB

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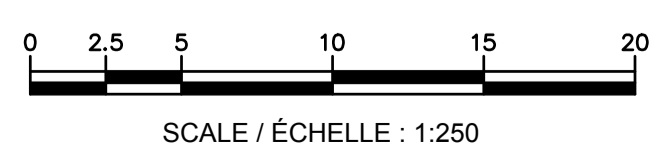
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GENERAL NOTE:

- REINSTATE AFFECTED LANDSCAPED AREAS WITH TOPSOIL AND SEED MIX AS PER TECHNICAL SPECIFICATIONS NOTE 7.4



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revisions	description	date
A	A detail no.	A
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		C

project

WALKWAY TO UPPER TERRACE

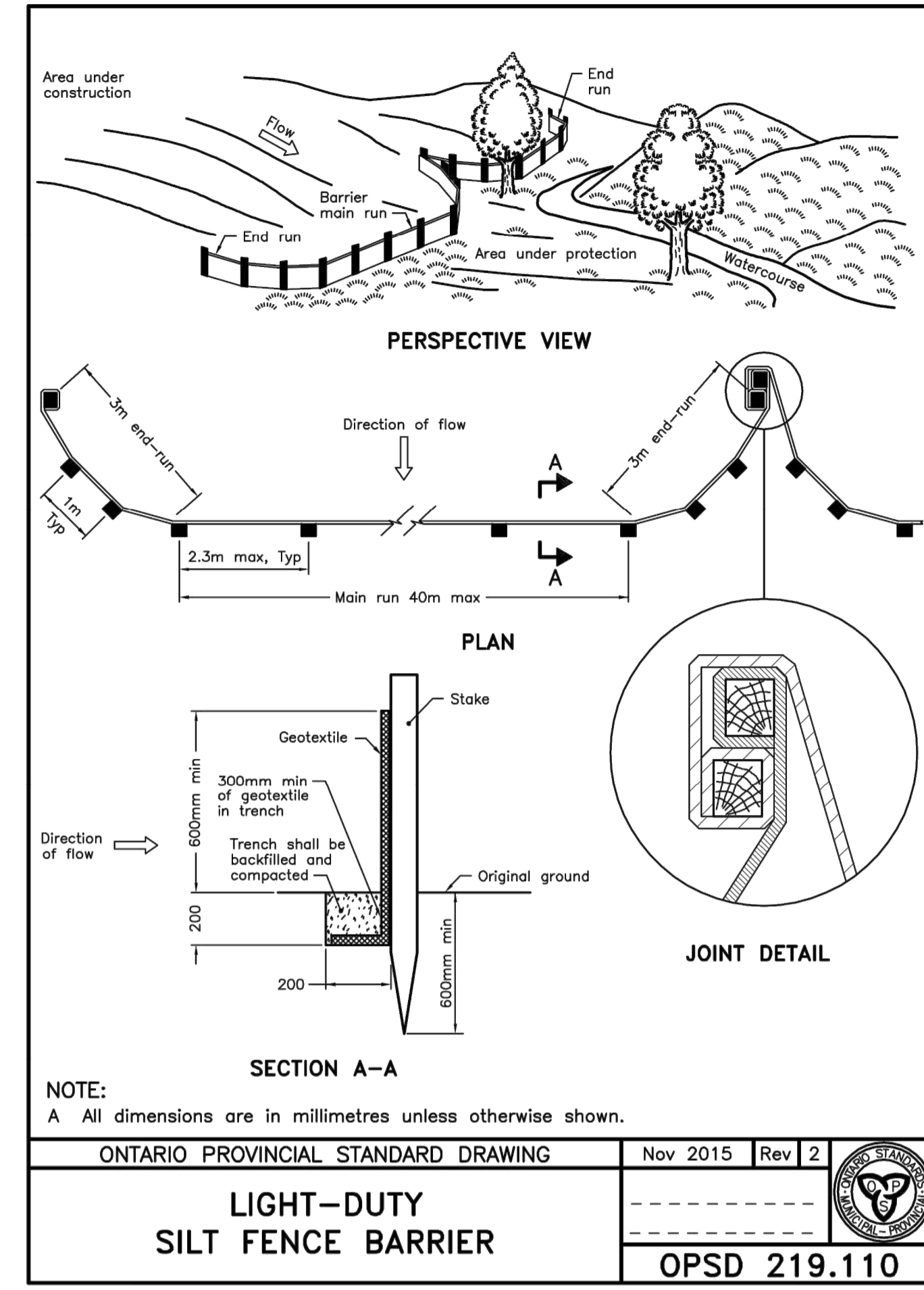
drawing

GEOMETRY AND GRADING PLAN

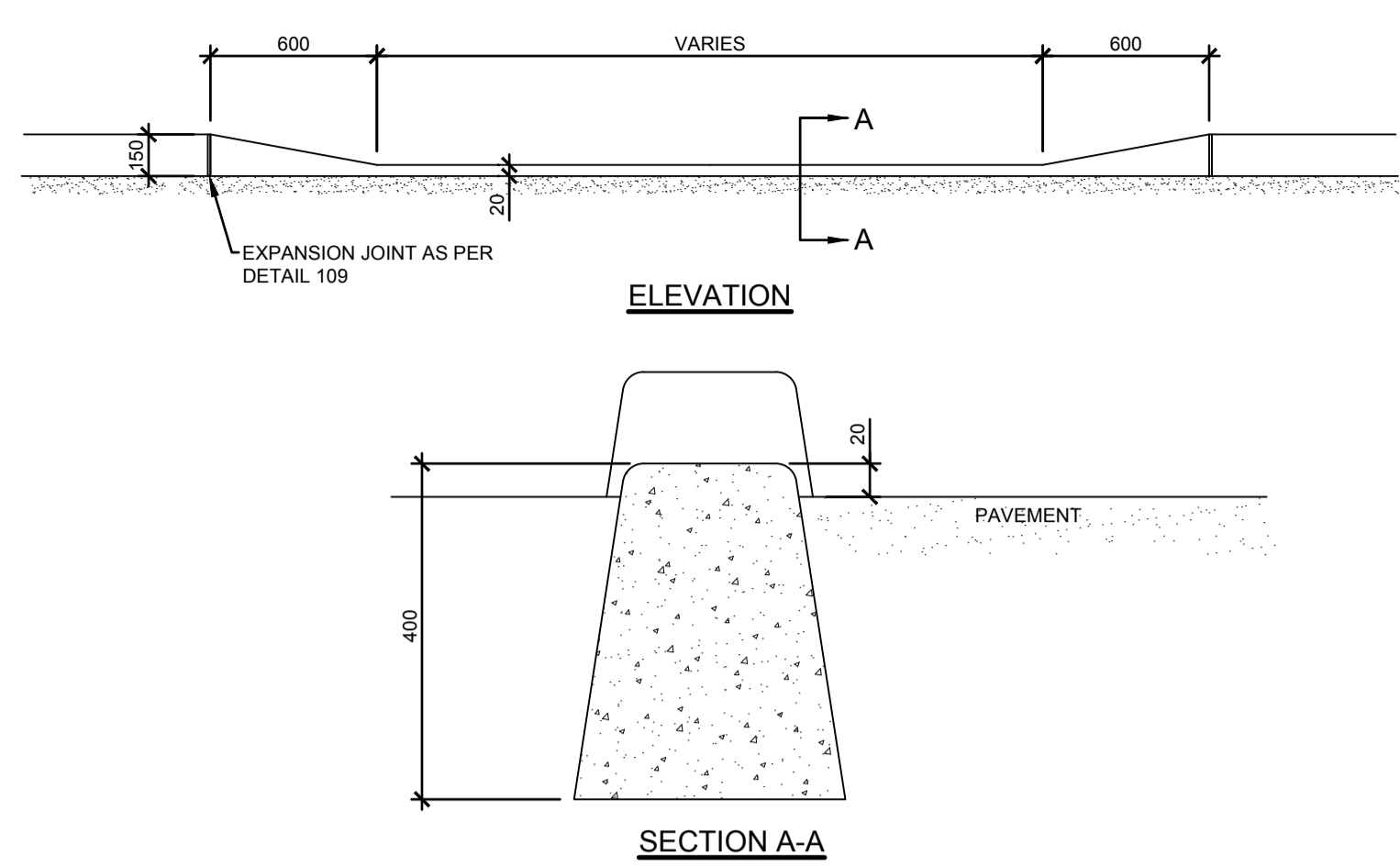
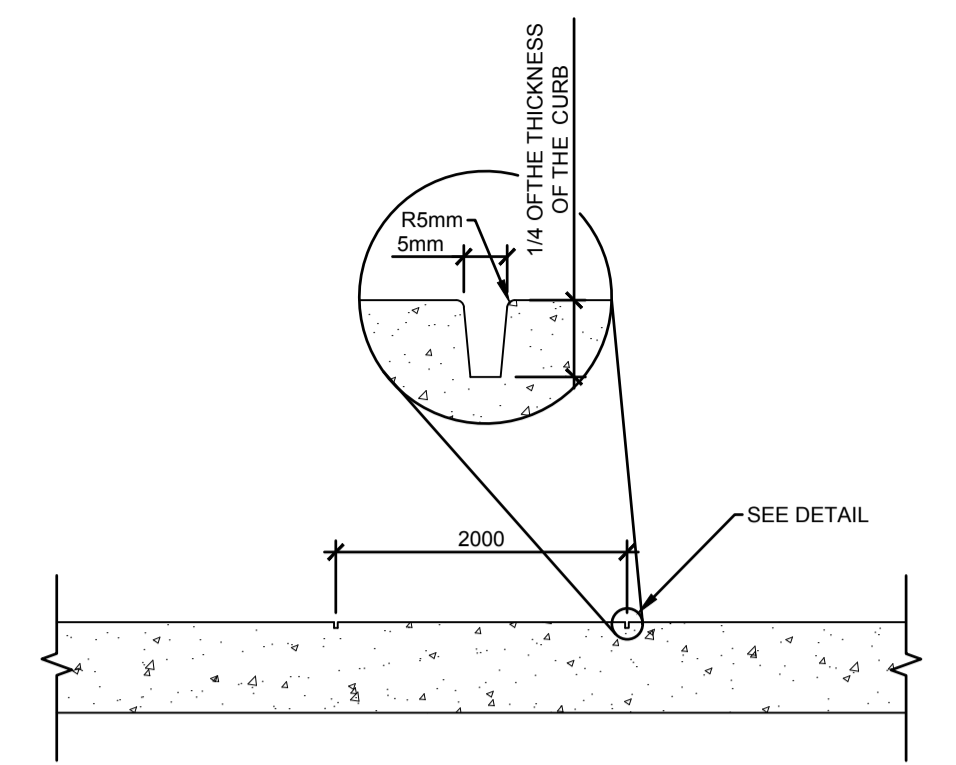
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Project Manager		Administrateur de projets	
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Drawing no.		No. du dessin	C3.2

Not for construction

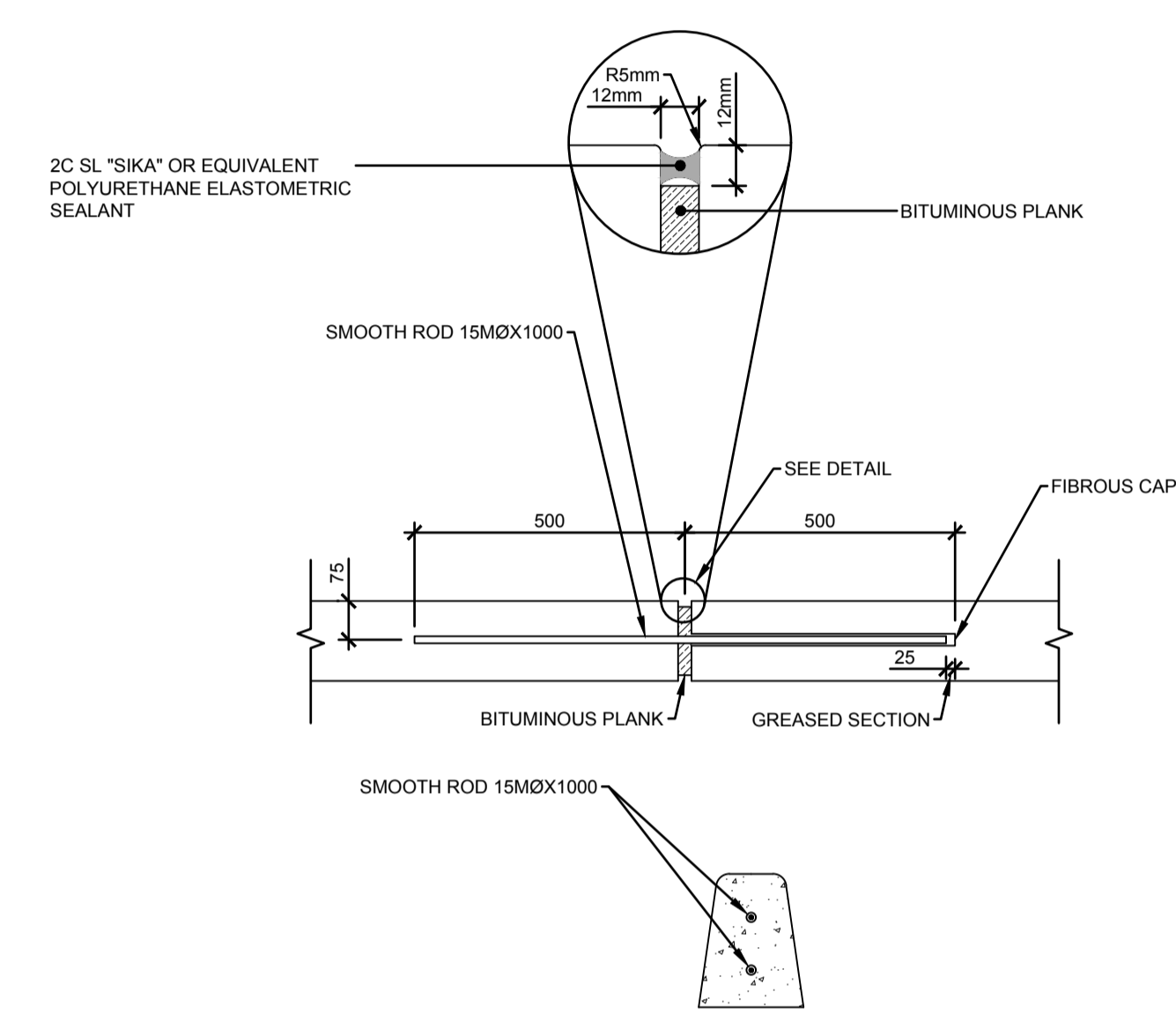
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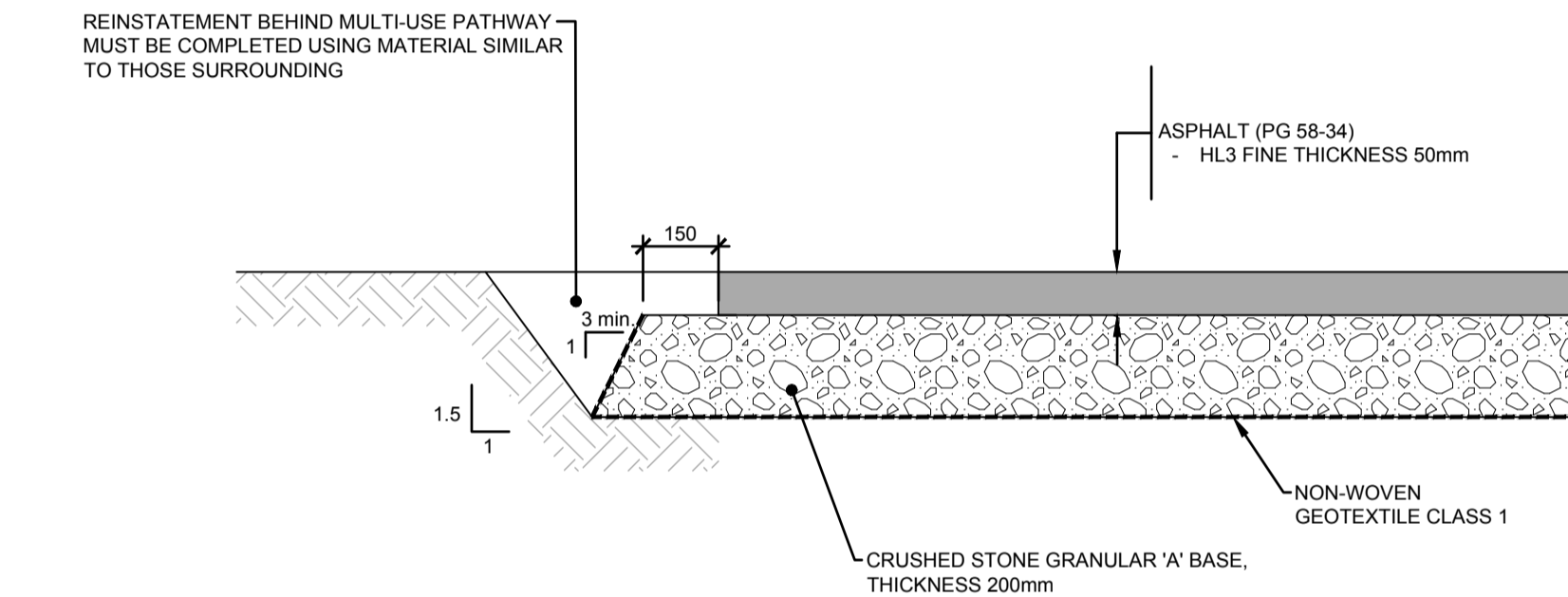
ONTARIO PROVINCIAL STANDARD DRAWING		Nov 2015	Rev 2
LIGHT-DUTY SILT FENCE BARRIER		OPSD 219.110	



DEPRESSED CONCRETE CURB 113
C-4.1
NTS



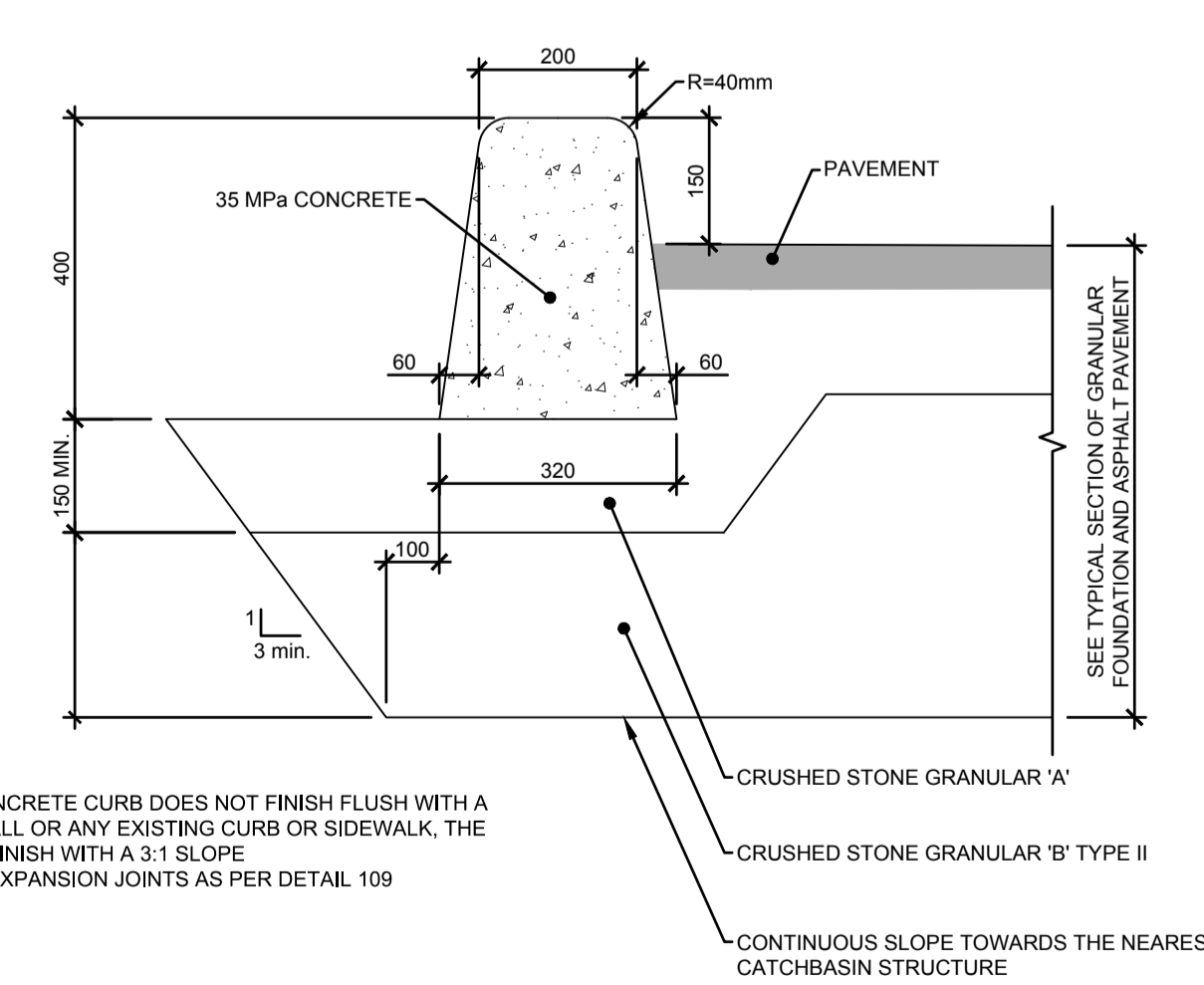
EXPANSION JOINT



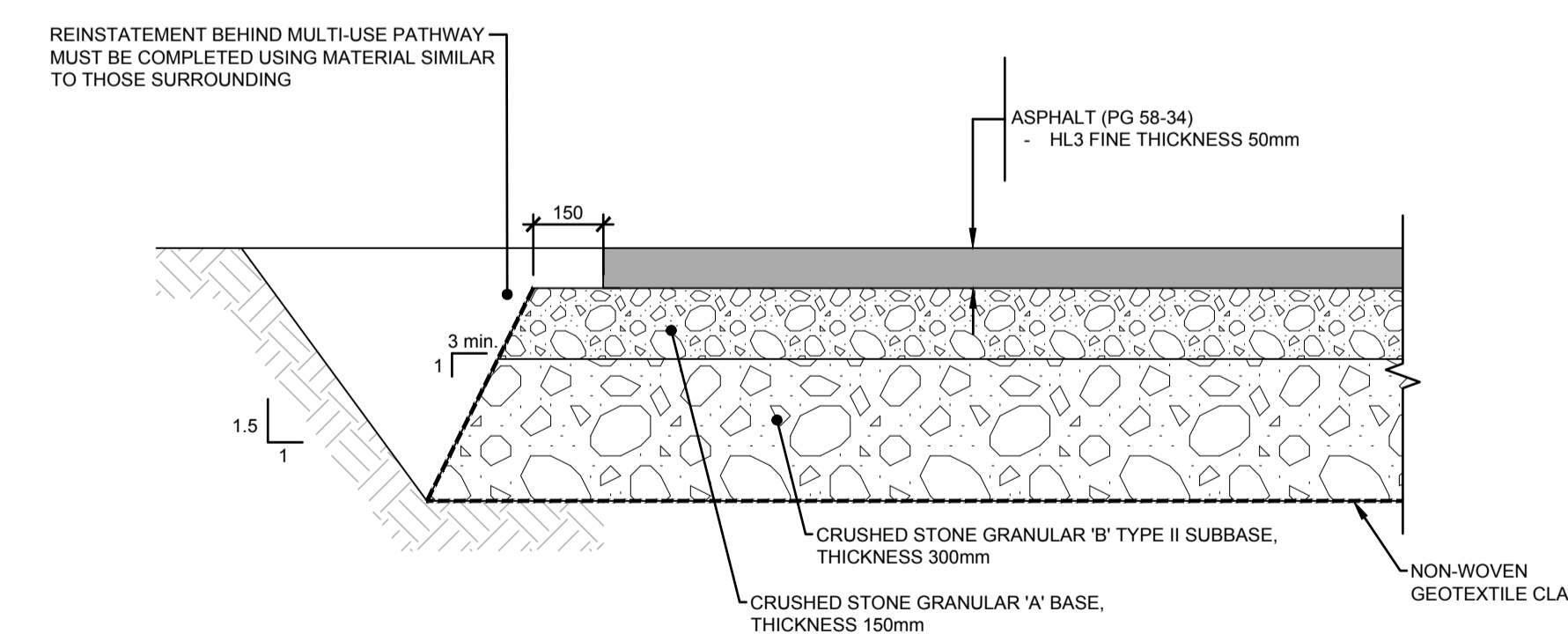
LIGHT DUTY MULTI-USE ASPHALT PATHWAY 118A
C-4.1
NTS

- NOTES:**
- EXPANSION JOINTS AT 4.0m C/C MAX. DIRECTION CHANGE AND AT CONTACT WITH CONCRETE STRUCTURES
 - CONTROL JOINTS AT 2.0m SHALL BE GROOVED, TOOLED AND BURNISHED WITH BRONZE EDGERS AND GROOVERS.

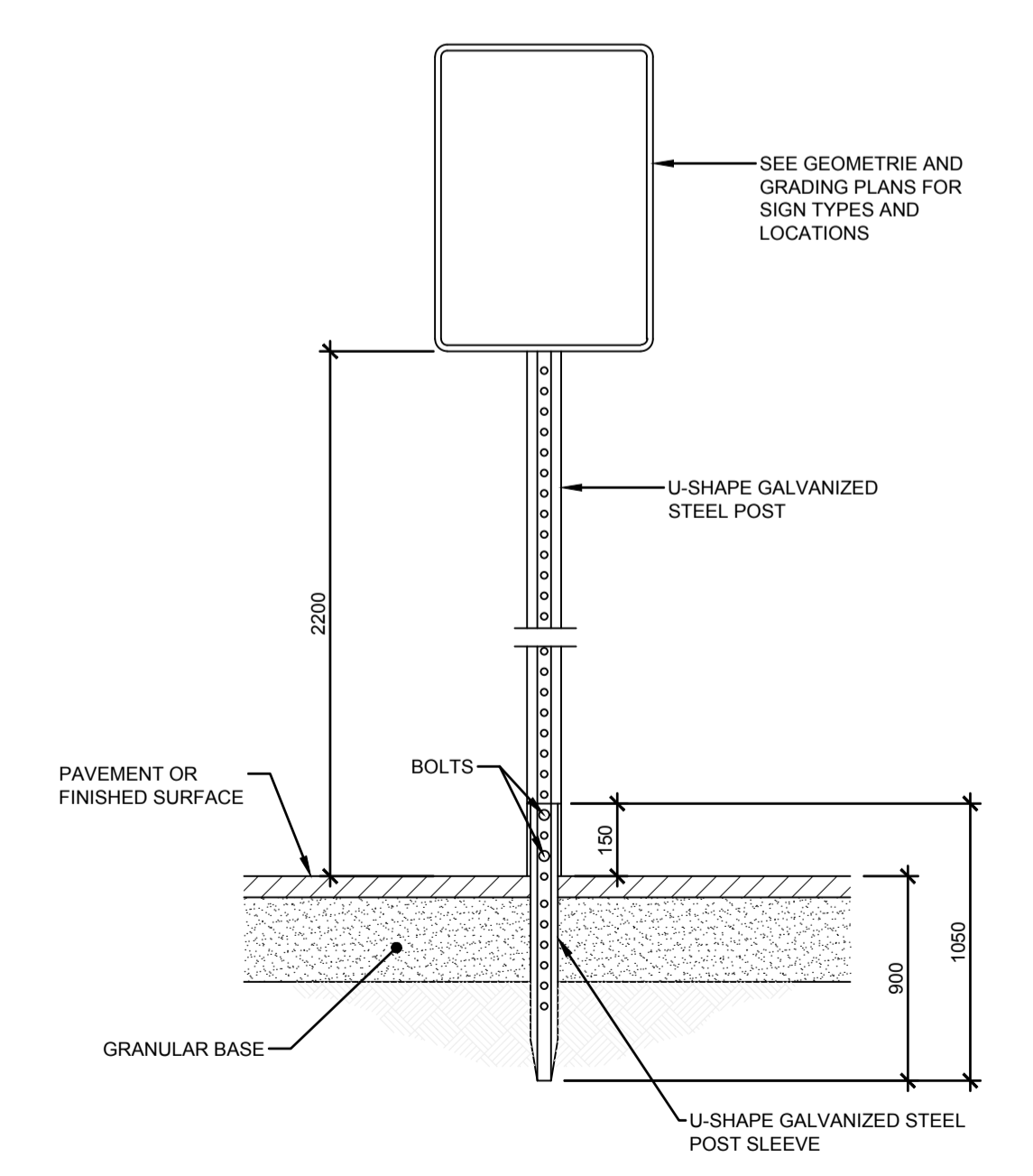
EXPANSION, CONTROL AND CONSTRUCTION JOINTS FOR CONCRETE CURB WORK 109
C-4.1
NTS



CONCRETE CURB DETAIL (TYPICAL) 112A
C-4.1
NTS



HEAVY DUTY MULTI-USE ASPHALT PATHWAY 118B
C-4.1
NTS



FREE STANDING SIGN 401
C-4.1
NTS

WALKWAY TO UPPER TERRACE

DETAILS PLAN

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Project no.		No. du projet	
	A001125		
Drawing no.		No. du dessin	
	C4.1		

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revisions	description	date
A	A detail no. no. du detail	
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project _____ projet _____

WALKWAY TO UPPER TERRACE

drawing _____ dessin _____

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Project Manager Administrateur de projets
Project no. No. du projet

A001125

Drawing no. No. du dessin

C4.2

TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ - 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
 - UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRADE;
 - TUNNEL OR SORE WHEN DIGGING;
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY;
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST

Ottawa

TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE: NTS

DATE: MARCH 2021

DRAWING NO.: 1 of 1

NOTES:

- The thickness of the rip-rap layer shall be at least 1.5 times the rip-rap mean diameter.

A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2018 Rev 3

GENERAL RIP-RAP LAYOUT FOR SEWER AND CULVERT OUTLETS

OPSD 810.010

TYPICAL DETAIL - BOLLARD ANCHORED TO ROCK

NTS

403C
C-4.2

NOTES:

- TOPS OF TWSI'S (TACTILE WALKING SURFACE INDICATOR) SHALL BE ALIGNED & LEVEL WITH THE ADJACENT CONCRETE SURFACE & INSTALLATION IN WET CONCRETE SHALL BE EFFECTIVE IN PERMANENTLY SECURING THE TWSI IN PLACE ONCE DRY.
- FOR MONOLITHIC SIDEWALKS, TWSI SHALL BE 300 TO 350mm BACK FROM THE CURB FACE.

N.T.S.

Ottawa

TWSI DETAIL

DATE: MARCH 2015

REV: MARCH 2016

DATE: MARCH 2016

DWG. No.: SC7.3