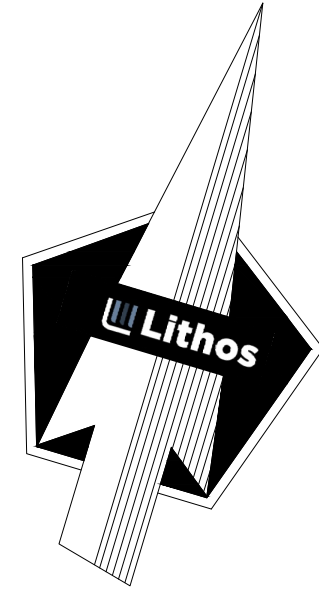
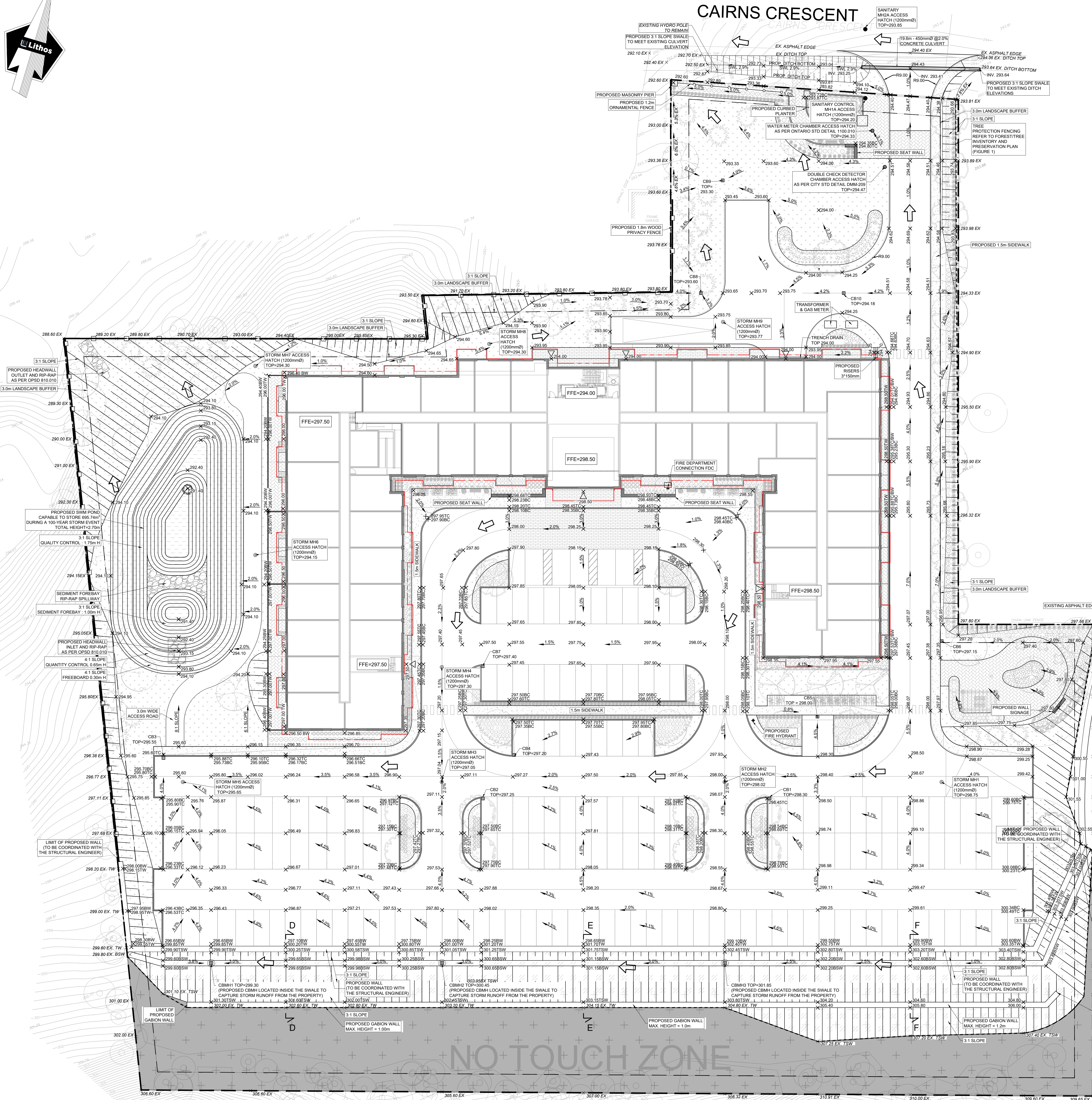
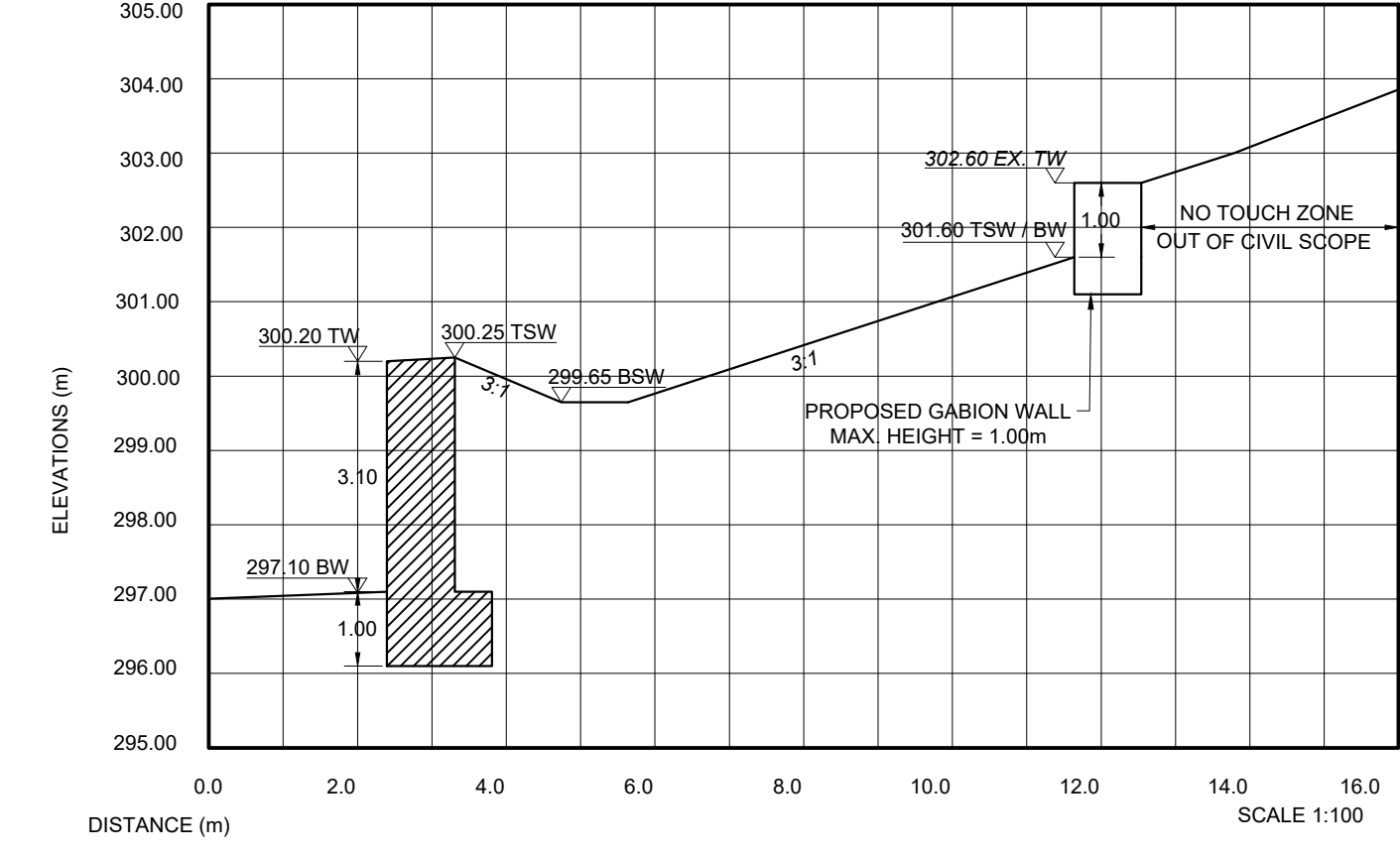




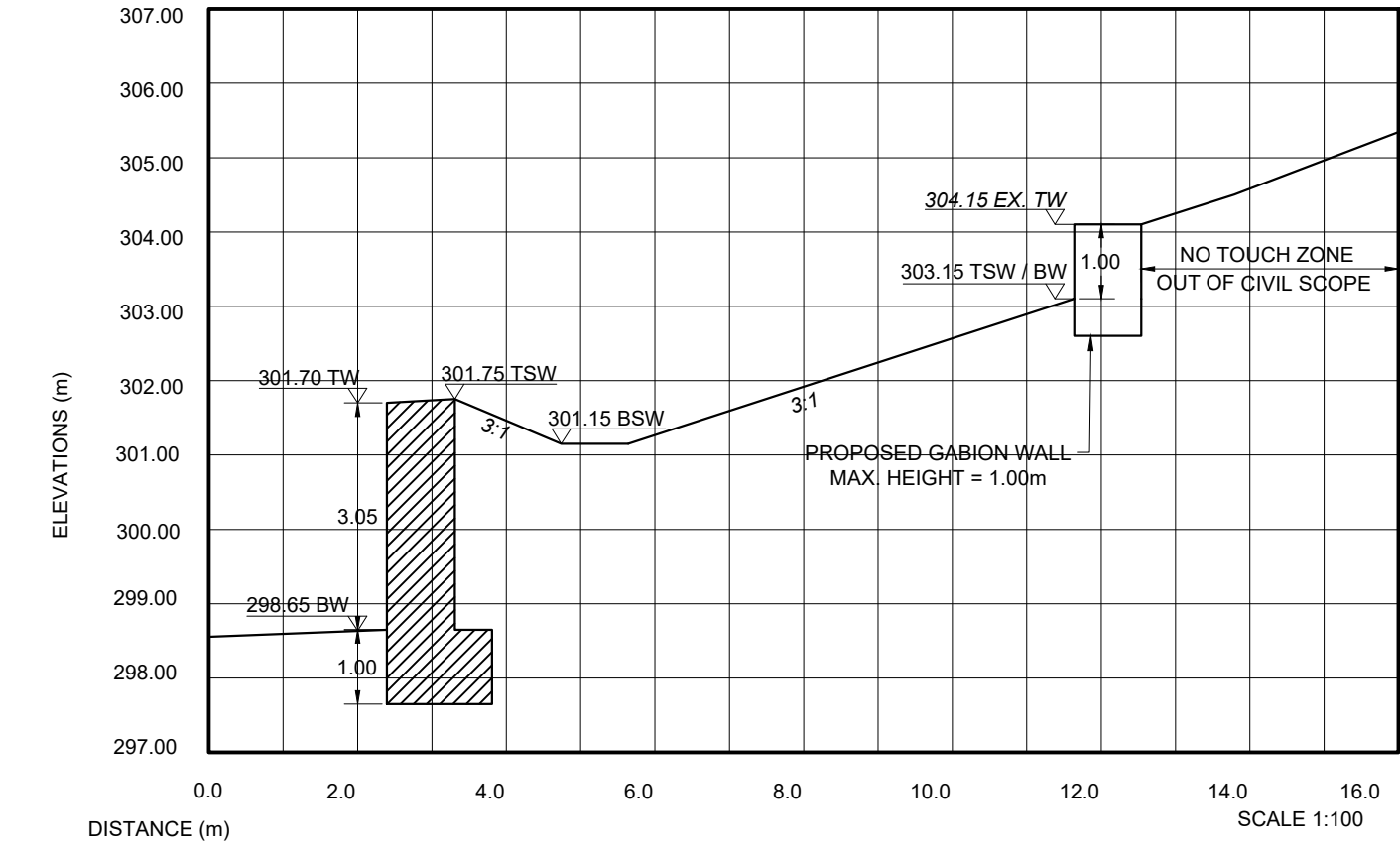
CAIRNS CRESCENT



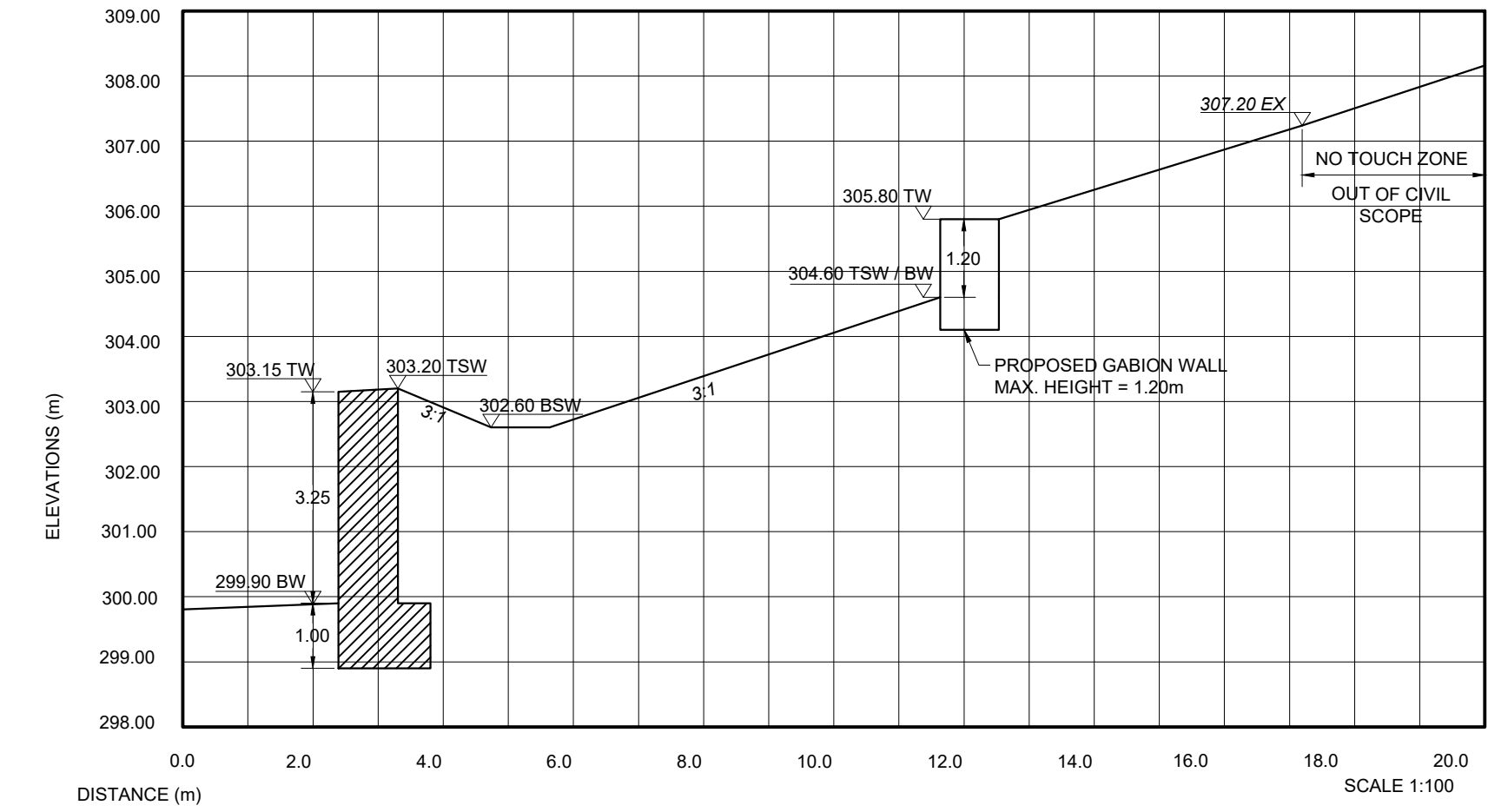
PERIMETER WALL SECTION D-D



PERIMETER WALL SECTION E-E



PERIMETER WALL SECTION F-F



- LEGEND**
- PROPERTY LINE
 - PROPOSED GRADE
 - EXISTING GRADE
 - PROPOSED GRADE (TOP OF WALL)
 - PROPOSED GRADE (BOTTOM OF WALL)
 - PROPOSED GRADE (TOP OF CURB)
 - PROPOSED GRADE (BOTTOM OF CURB)
 - PROPOSED GRADE (TOP OF SWALE)
 - PROPOSED GRADE (BOTTOM OF SWALE)
 - EMERGENCY OVERLAND FLOW ROUTE
 - PROPOSED CATCH BASIN
 - PROPOSED CATCH BASIN MANHOLE
 - PROPOSED TRENCH DRAIN
 - WOOD PRIVACY FENCE
 - ORNAMENTAL FENCE
 - TREE PROTECTION FENCING
 - ROOF OUTLINE
 - PROPOSED STORM MANHOLE ACCESS HATCH
 - PROPOSED SANITARY MANHOLE ACCESS HATCH

- LIST OF DRAWINGS**
- SG-01 (SITE GRADING PLAN)
 - SS-01 (SITE SERVICES PLAN)
 - EC-01 (EROSION CONTROL PLAN)
 - DD-01 (DETAIL DRAWINGS)
- SITE PLAN INFORMATION**
- OPTIONS ARCHITECTS
170 SHEPPARD AVENUE EAST, UNIT 101A
NORTH YORK, ON M2N 3M4
TEL: 647.344.1177
- SURVEY INFORMATION**
- MAUGHAN SURVEYORS
71 Maughan Court, Unit 16, Bowmanville, ON L1C 4N4
TEL: (416) 469-2944
EMAIL: btoronto@maughansurveyors.com
- BENCHMARK**
- ELEVATIONS ARE GEODETIC AND REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD08) BY DIRECT MEASUREMENT TO A REAL TIME NETWORK.

2	ISSUED FOR CPP	AUG 16, 2023	NM
1	ISSUED FOR CPP	AUG 02, 2024	NM
NO	REVISION	DATE	BY

TOWN OF HUNTSVILLE

SITE GRADING PLAN

RESIDENTIAL USE DEVELOPMENT
20 CAIRNS CRESCENT
HUNTSVILLE, ONTARIO

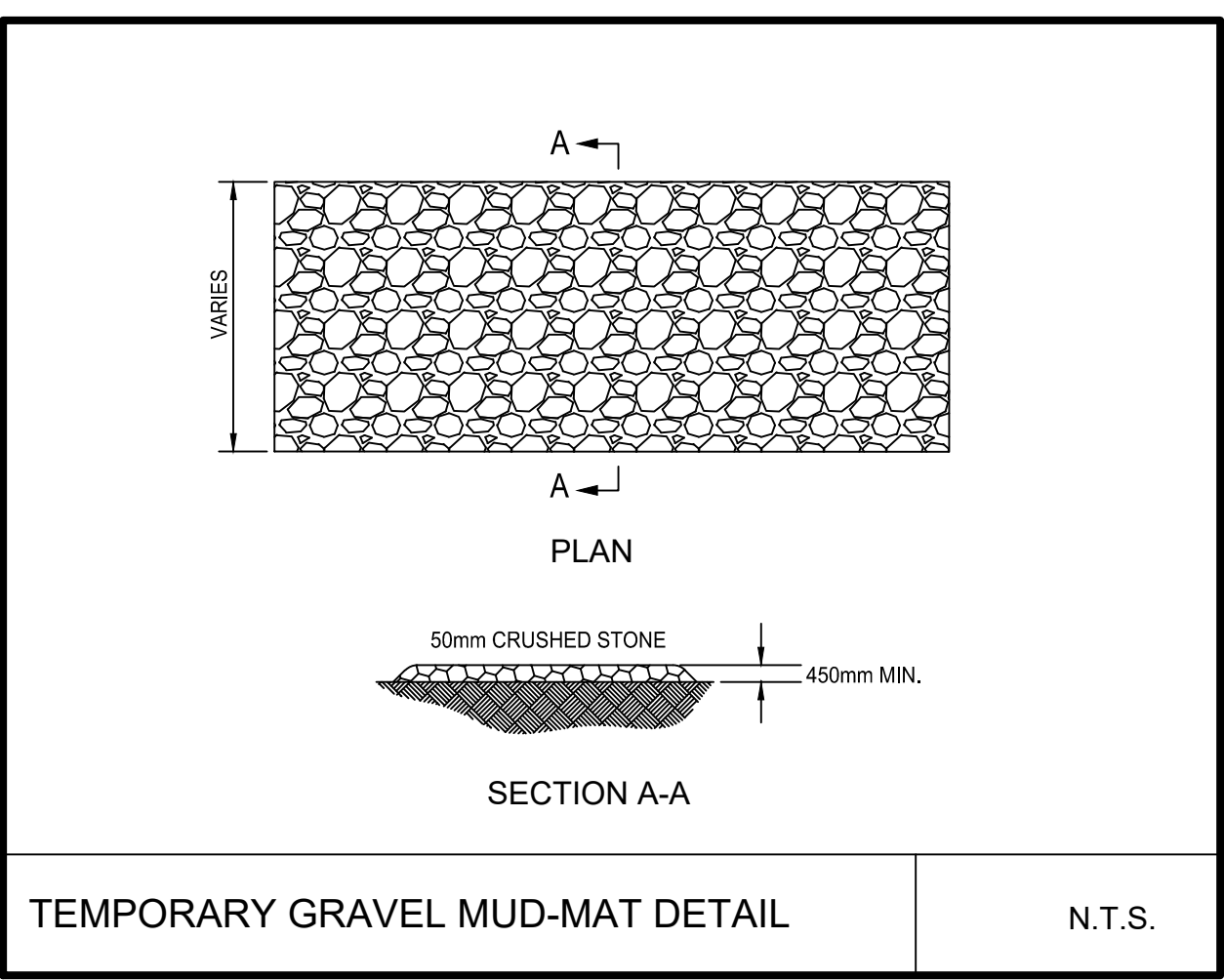
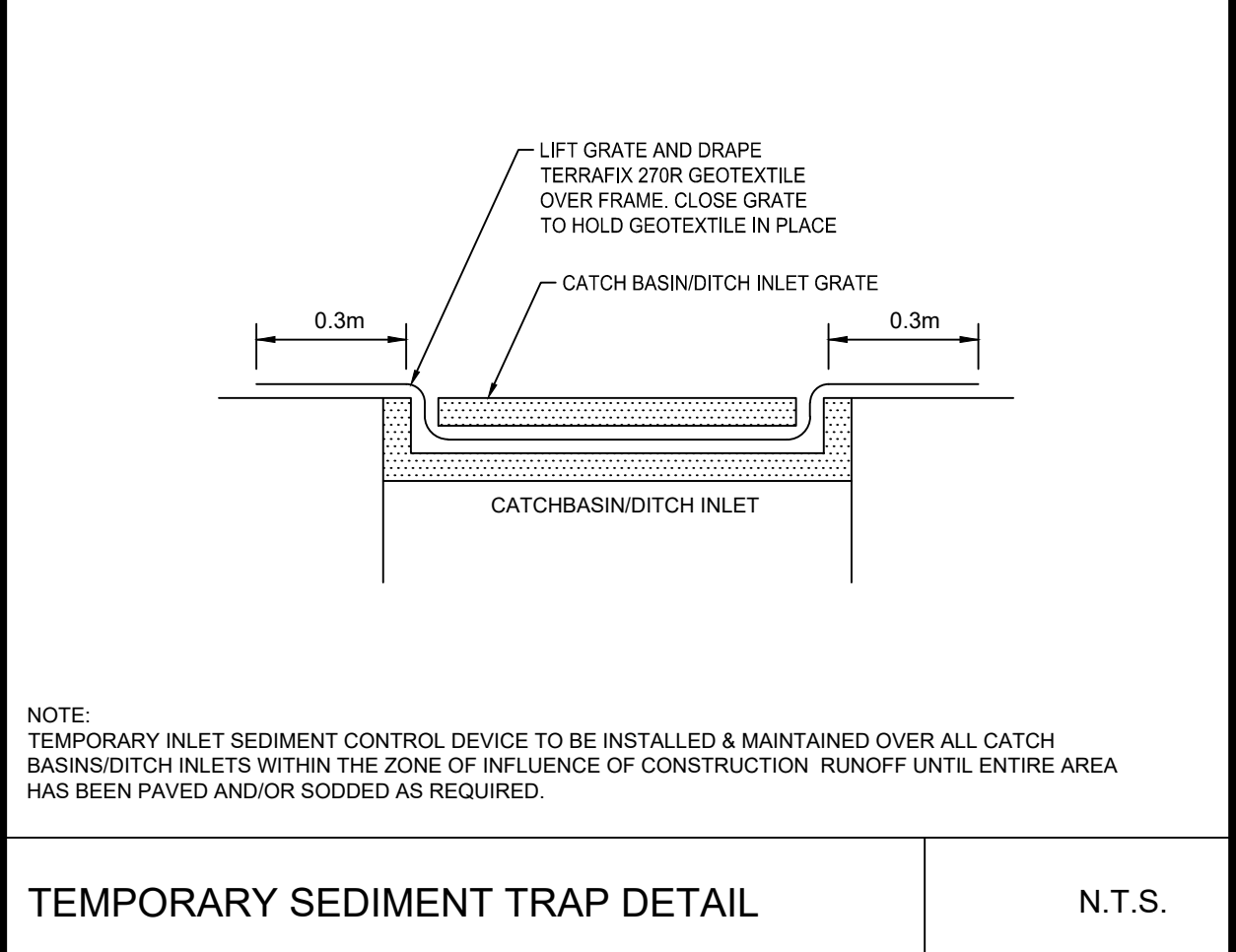
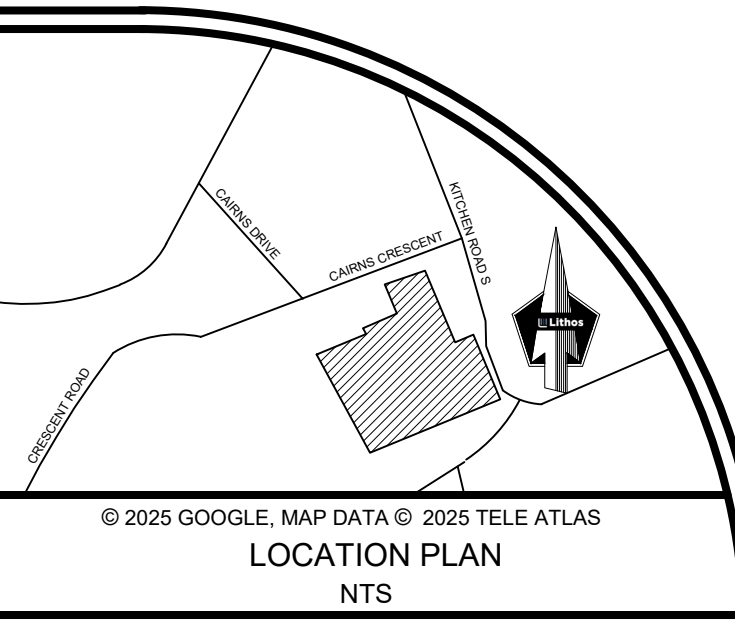
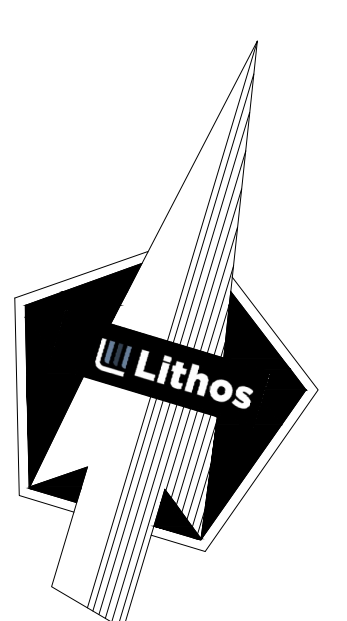
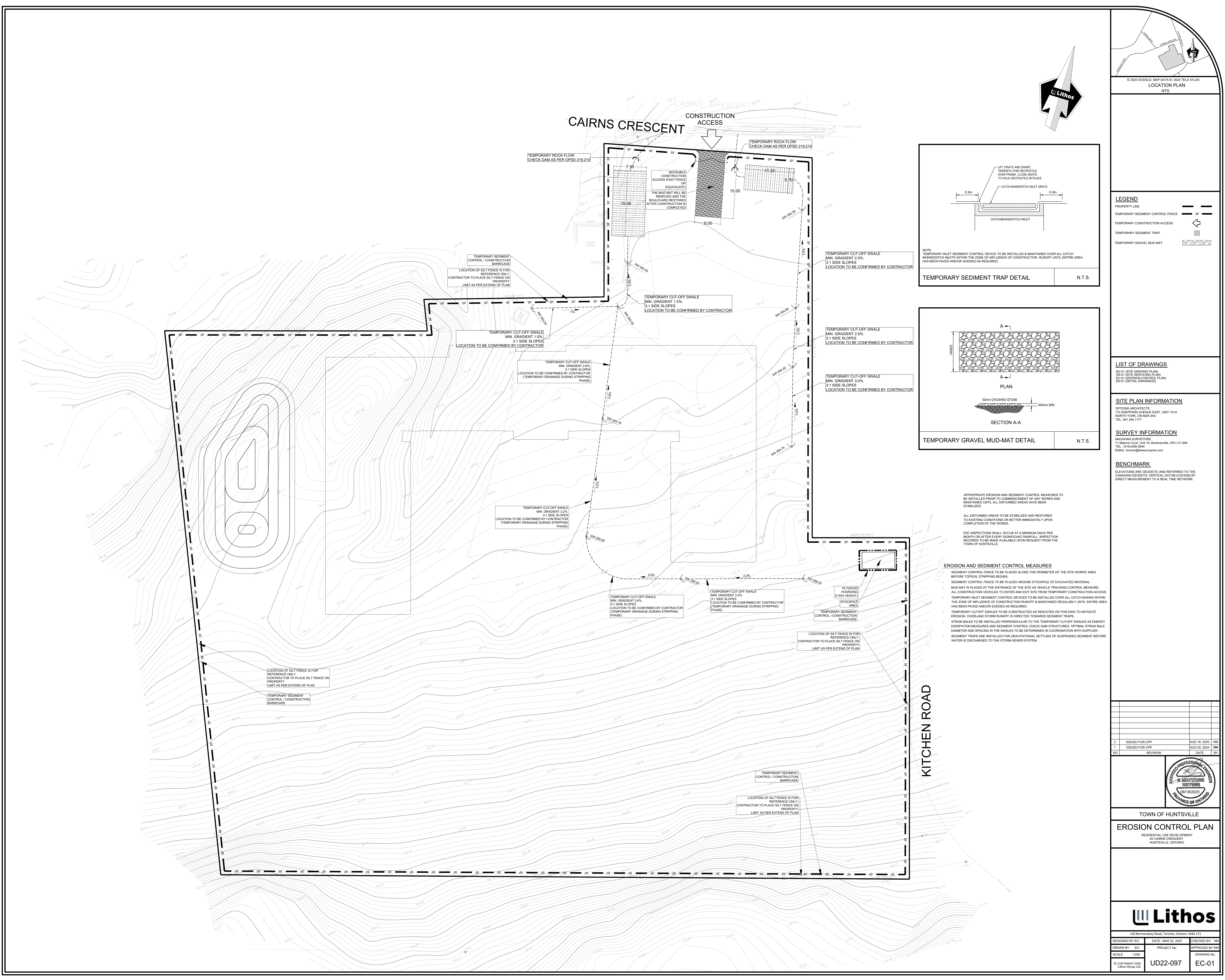
Lithos

150 Bermondsey Road, Toronto, Ontario M4A 1Y1

DESIGNED BY: EG	DATE: MAR 25, 2023	CHECKED BY: NM
DRAWN BY: EG	PROJECT No:	APPROVED BY: NM
SCALE: 1:250	UD22-097	DRAWING No:

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SG-01



APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY WORKS AND MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.

ALL DISTURBED AREAS TO BE STABILIZED AND RESTORED TO EXISTING CONDITIONS OR BETTER IMMEDIATELY UPON COMPLETION OF THE WORKS.

ESC INSPECTIONS SHALL OCCUR AT A MINIMUM ONCE PER MONTH OR AFTER EVERY SIGNIFICANT RAINFALL. INSPECTION RECORDS TO BE MADE AVAILABLE UPON REQUEST FROM THE TOWN OF HUNTSVILLE.

- EROSION AND SEDIMENT CONTROL MEASURES**
- SEDIMENT CONTROL FENCE TO BE PLACED ALONG THE PERIMETER OF THE SITE WORKS AREA BEFORE TOPSOIL STRIPPING BEGINS.
 - SEDIMENT CONTROL FENCE TO BE PLACED AROUND STOCKPILE OF EXCAVATED MATERIAL.
 - MUD MAT IS PLACED AT THE ENTRANCE OF THE SITE AS VEHICLE TRACKING CONTROL MEASURE.
 - ALL CONSTRUCTION VEHICLES TO ENTER AND EXIT SITE FROM TEMPORARY CONSTRUCTION ACCESS.
 - TEMPORARY INLET SEDIMENT CONTROL DEVICES TO BE INSTALLED OVER ALL CATCH BASINS WITHIN THE ZONE OF INFLUENCE OF CONSTRUCTION RUNOFF & MAINTAINED REGULARLY UNTIL ENTIRE AREA HAS BEEN PAVED AND/OR SODDED AS REQUIRED.
 - TEMPORARY CUTOFF SWALES TO BE CONSTRUCTED AS INDICATED ON THIS DWG TO MITIGATE EROSION. OVERLAND STORM RUNOFF IS DIRECTED TOWARDS SEDIMENT TRAPS.
 - STRAW BALES TO BE INSTALLED PERPENDICULAR TO THE TEMPORARY CUTOFF SWALES AS ENERGY DISSIPATION MEASURES AND SEDIMENT CONTROL CHECK DAM STRUCTURES. OPTIMAL STRAW BALE DIAMETER AND SPACING IN THE SWALES TO BE DETERMINED IN COORDINATION WITH SUPPLIER.
 - SEDIMENT TRAPS ARE INSTALLED FOR GRAVITATIONAL SETTLING OF SUSPENDED SEDIMENT BEFORE WATER IS DISCHARGED TO THE STORM SEWER SYSTEM.

LEGEND

PROPERTY LINE	---
TEMPORARY SEDIMENT CONTROL FENCE	SF
TEMPORARY CONSTRUCTION ACCESS	→
TEMPORARY SEDIMENT TRAP	[Symbol]
TEMPORARY GRAVEL MUD MAT	[Symbol]

LIST OF DRAWINGS

SS-01 (SITE GRADING PLAN)
SS-01 (SITE SERVICING PLAN)
EC-01 (EROSION CONTROL PLAN)
EC-01 (DETAIL DRAWINGS)

SITE PLAN INFORMATION

OPTIONS ARCHITECTS
170 SHEPPARD AVENUE EAST, UNIT 101A
NORTH YORK, ON M2N 3A4
TEL: 416-609-3944

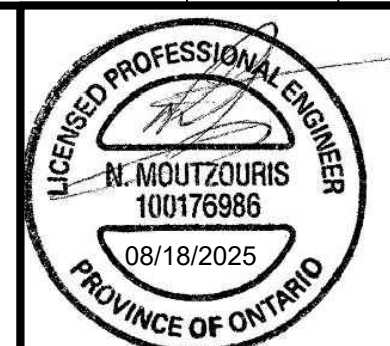
SURVEY INFORMATION

MAUGHAN SURVEYORS
711 Mainville Court, Unit 16, Bowmansville, ON L1C 4N4
TEL: 416-609-3944
EMAIL: toronto@bwsurveyors.com

BENCHMARK

ELEVATIONS ARE GEODETIC AND REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (GVD08) BY DIRECT MEASUREMENT TO A REAL TIME NETWORK.

2	ISSUED FOR CPP	AUG 18, 2025	NY		
1	ISSUED FOR CPP	AUG 02, 2024	NY		
NO	REVISION	DATE	BY		



TOWN OF HUNTSVILLE

EROSION CONTROL PLAN

RESIDENTIAL USE DEVELOPMENT
20 CAIRNS CRESCENT
HUNTSVILLE, ONTARIO

Lithos

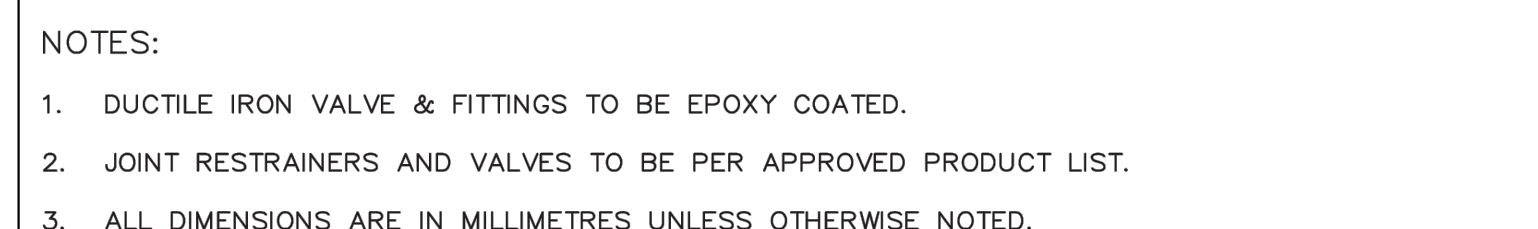
150 Berrymore Road, Toronto, Ontario M8A 1Y1

DESIGNED BY: EC	DATE: MAR 25, 2023	CHECKED BY: NY
DRAWN BY: EC	PROJECT No:	APPROVED BY: NY
SCALE: 1:250		DRAWING No:

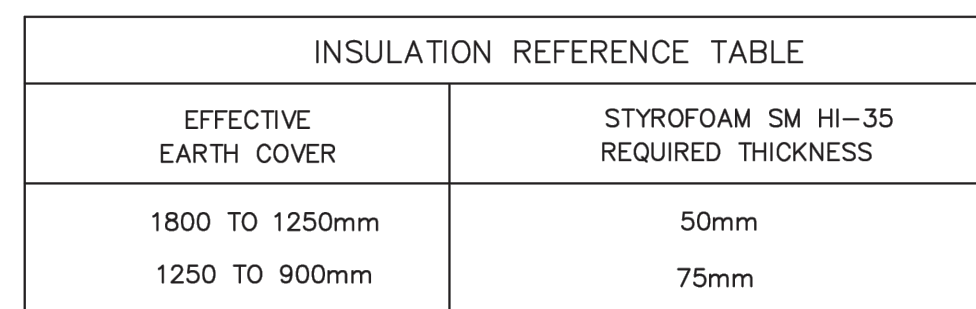
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UD22-097 EC-01

 ENGINEERING AND PUBLIC WORKS DEPARTMENT	WATER MAIN THRUST RESTRAINT AT FITTINGS	NOT TO SCALE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DATE:</td> <td style="width: 50%;">JUNE 21, 2017</td> </tr> <tr> <td colspan="2" style="text-align: right; padding-top: 10px;"> DMM-2017-001 </td> </tr> </table>	DATE:	JUNE 21, 2017	DMM-2017-001	
DATE:	JUNE 21, 2017					
DMM-2017-001						

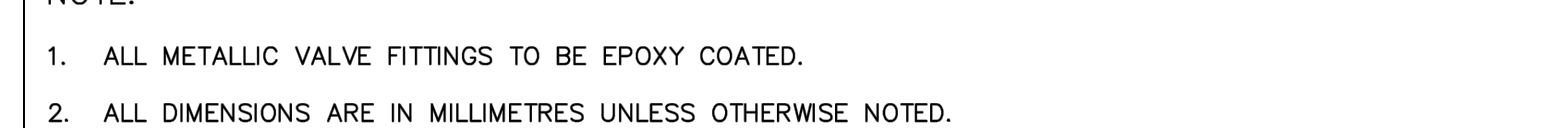
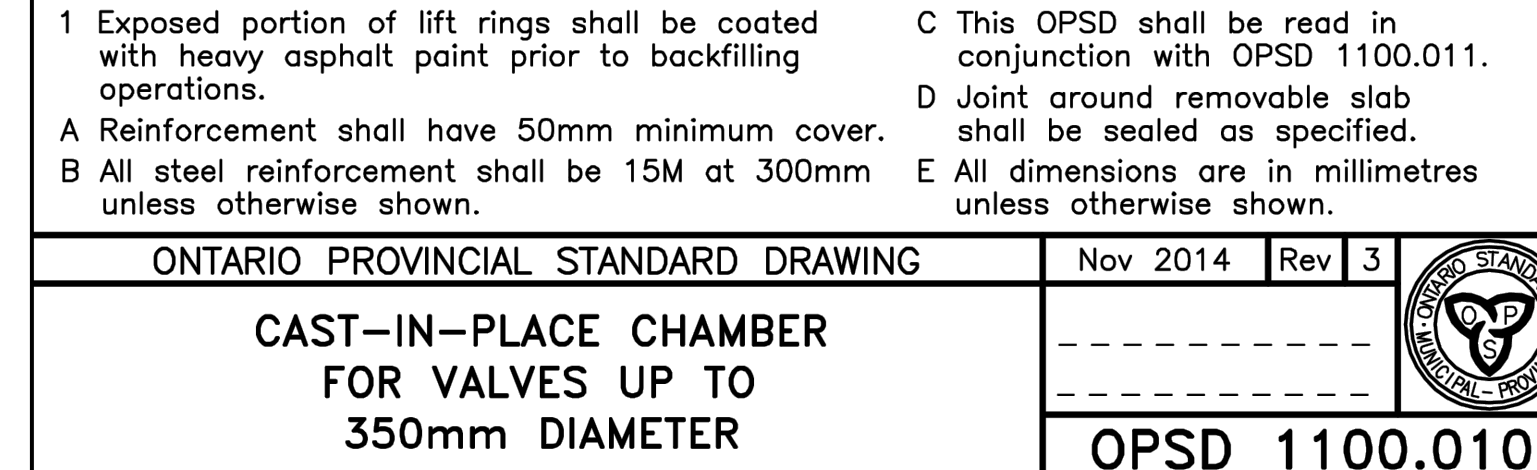


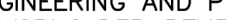
 ENGINEERING AND PUBLIC WORKS DEPARTMENT	400mm GATE VALVE AND LARGER AND VALVE BOX ON PVC WATER MAINS	NOT TO SCALE DATE: JUNE 2019 DMM-206
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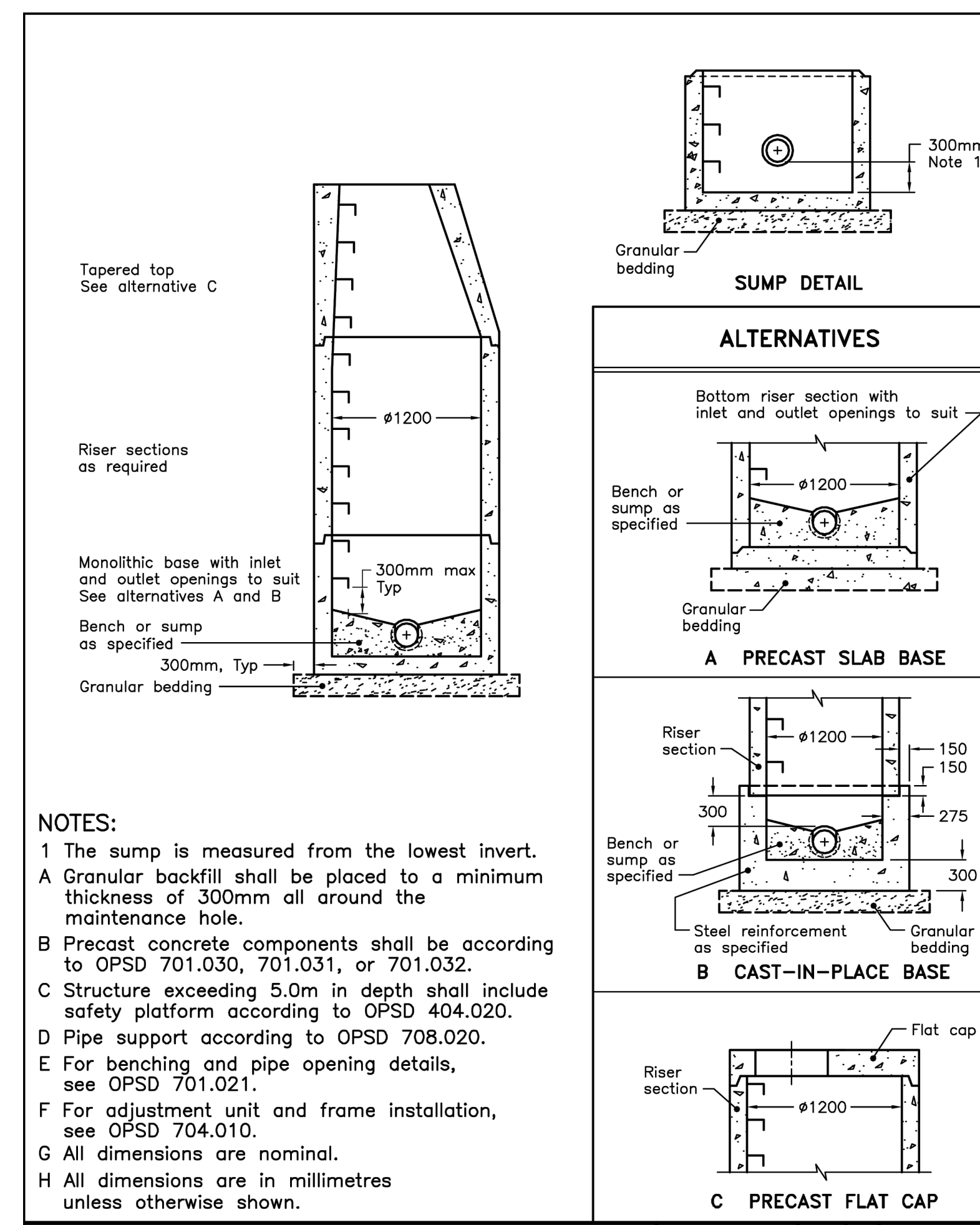


- NOTES:
1. THE INSULATION SHALL BE MINIMUM 1200 WIDE AND SHALL BE CENTERED OVER THE PIPE.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

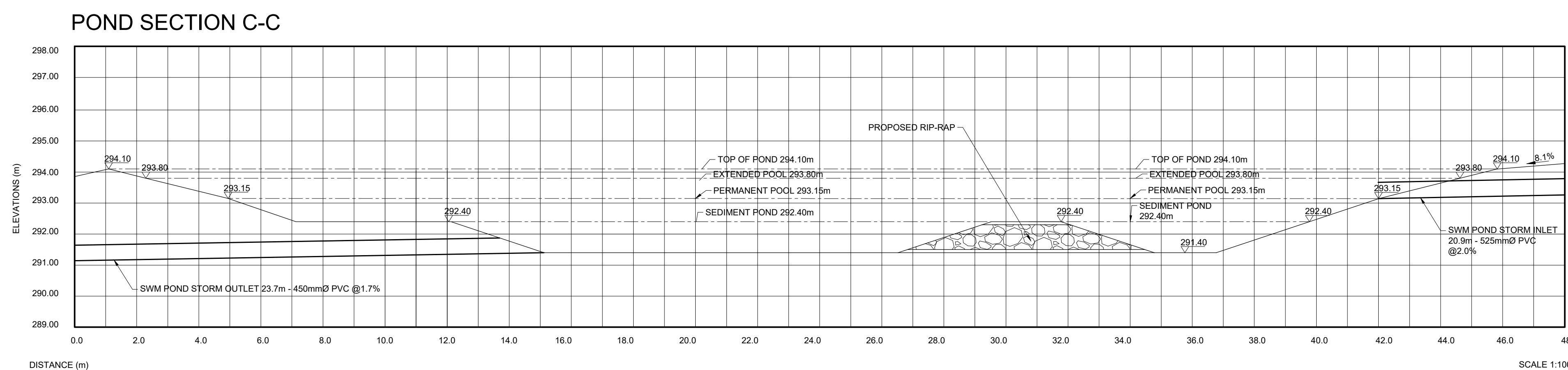
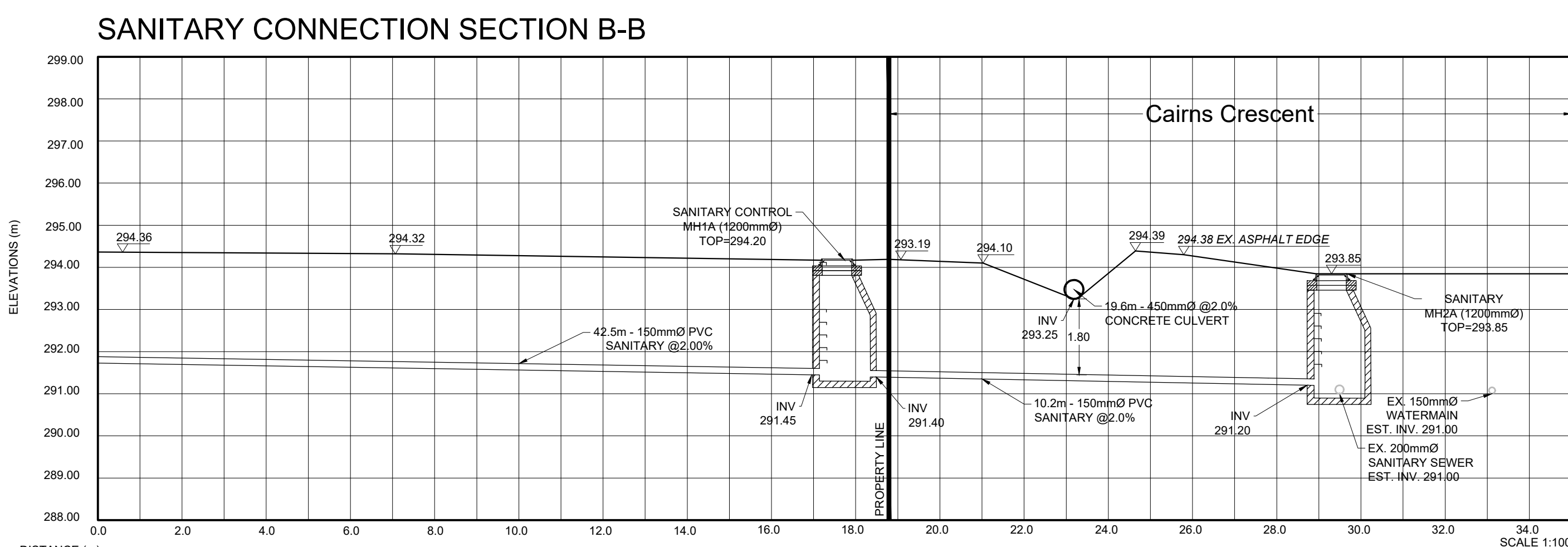
 ENGINEERING AND PUBLIC WORKS DEPARTMENT	WATER MAIN INSULATION IN DITCHED AREAS	NOT TO SCALE DATE: JUNE 2, 2011 DMM-212
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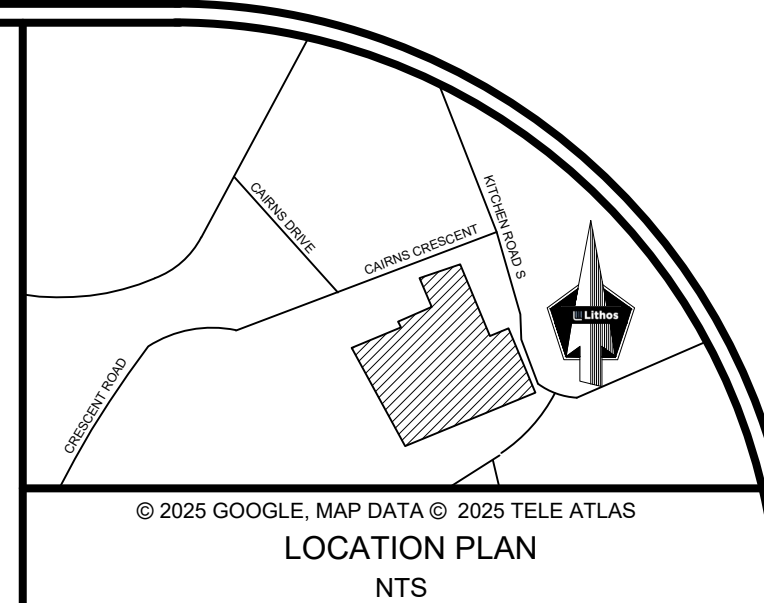
 THE DISTRICT OF MUSKOKA ENGINEERING AND PUBLIC WORKS DEPARTMENT	150mm CHECK VALVE CHAMBER	NOT TO SCALE <table style="width: 100%;"> <tr> <td style="width: 20%;">DATE:</td> <td>JUNE 2019</td> </tr> </table> DMM-209	DATE:	JUNE 2019
DATE:	JUNE 2019			



ONTARIO PROVINCIAL STANDARD DRAWING		NOV 2014	REV 3	
PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER		OPSP 701.010		



- ## GENERAL NOTES:
- A. ALL DIMENSIONS ARE IN METRES AND ALL DIAMETERS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - B. THE LATEST DISTRICT OF MUSKOKA'S STANDARD DRAWINGS, GENERAL CONDITIONS & SPECIFICATIONS CONSTITUTE PART OF THE DRAWINGS.
 - C. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT", THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
 - D. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION, PERMANENT SIGNS AND LANE MARKINGS SHALL BE IN ACCORDANCE WITH ONTARIO TRAFFIC MANUAL FOR TEMPORARY CONDITIONS AND MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - E. ALL UNDERGROUND SERVICE CONNECTIONS AND TRENCHES WITHIN PAVED PORTION OF AN EXISTING ROAD ARE TO BE BACKFILLED WITH UNSHRINKABLE FILL MATERIAL.
 - F. ALTERNATIVE CONSTRUCTION MATERIALS MAY BE ACCEPTABLE, PROVIDED THAT APPROVAL HAS BEEN OBTAINED FROM CITY ENGINEER.



LEGEND

PROPERTY LINE ———

LIMIT OF CONSTRUCTION ———

LIST OF DRAWINGS

SG-01 (SITE GRADING PLAN)
SS-01 (SITE SERVICING PLAN)
EC-01 (EROSION CONTROL PLAN)
DD-01 (DETAIL DRAWINGS)

SITE PLAN INFORMATION

OPTIONS ARCHITECTS
170 SHEPPARD AVENUE EAST, UNIT 101A
NORTH YORK, ON M2N 3A4
TEL 647.364.1177

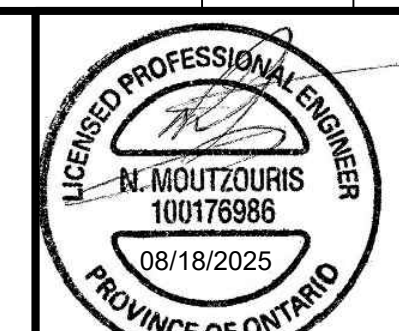
SURVEY INFORMATION

MAUGHAN SURVEYORS
71 Means Court, Unit 16, Bowmanville, ON L1C 4N4
TEL.: (416) 609-2844
EMAIL: toronto@jbwsurveyors.com

BENCHMARK

ELEVATIONS ARE GEODETIC AND REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD28) BY DIRECT MEASUREMENT TO A REAL TIME NETWORK.

2.	ISSUED FOR CPP	AUG 18, 2025	NM
1.	ISSUED FOR CPP	AUG 02, 2024	NM
NO	REVISION	DATE	BY



TOWN OF HUNTSVILLE

DETAIL DRAWINGS

RESIDENTIAL USE DEVELOPMENT
20 CAIRNS CRESCENT
HUNTSVILLE, ONTARIO



150 BERMONDEY ROAD, TORONTO, ONTARIO M4A 1Y1		
DESIGNED BY: EG	DATE: MAR 25, 2023	CHECKED BY: NM
DRAWN BY: EG	PROJECT No:	APPROVED BY: NM
SCALE: NT		DRAWING No:
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