

**LEGEND**

PROPOSED GRADE	x 149.50
PROPOSED GRADE (SWALE)	x 149.75SW
PROPOSED GRADE (TOP OF CURB)	x 149.75TC
PROPOSED GRADE (BOTTOM OF CURB)	x 149.60BC
PROPOSED GRADE (TOP OF WALL)	x 149.90TW
PROPOSED GRADE (BOTTOM OF WALL)	x 149.20BW
EXISTING GRADE	x 149.33EX
PROPERTY LINE	---
14m MTO SETBACK	---
SWALE @ 2.0%	---
SLOPE TICKS	---
CURB	---
FUTURE BUILDING OUTLINE	---
HEAVY DUTY ASPHALT	---
EMERGENCY OVERLAND FLOW ROUTE	---
EXISTING OVERLAND FLOW ROUTE	---
BUILDING ENTRANCE/OVERHEAD DOOR	---
PROPOSED TOE-WALL	---
PROPOSED RETAINING WALL	---
PROPOSED STORM MANHOLE	○
PROPOSED CATCHBASIN MANHOLE	⊕
PROPOSED CATCH BASIN	□
PROPOSED AREA DRAIN	---
PROPOSED SANITARY MANHOLE	●
PROPOSED WEIR	⊗
PROPOSED OIL-GRIT SEPARATOR	⊙
EXISTING STORM MANHOLE	○
EXISTING CATCHBASIN	⊕
EXISTING SANITARY MANHOLE	●
PROPOSED FIRE HYDRANT	⊕
EXISTING FIRE HYDRANT	EX FH ⊕
PROPOSED VALVE AND BOX	+

**LIST OF DRAWINGS**

SG-01 - SITE GRADING PLAN
SS-01 - SITE SERVICES PLAN
ES-01 - EROSION AND SEDIMENT CONTROL PLAN
XS-01 - CROSS SECTIONS
DD-01 - DETAIL DRAWING
DD-02 - DETAIL DRAWING
DD-03 - DETAIL DRAWING

SITE PLAN INFORMATION	SURVEYOR INFORMATION
WARE MALCOMB ARCHITECTS INC. 30 ADLAI STREET E. SUITE 1254 TORONTO, ON M5C 2C5 PHONE: (437) 537-5700	E.R. GARDIN LIMITED ONTARIO LAND SURVEYOR 1260 JOURNEYS END CIRCLE UNIT 1, NEWMARKET, ON L3Y 8Z7 PHONE: (905) 895-6000 FAX: (905) 895-7127 WEBSITE: www.ergardinlimited.ca

**BENCHMARK INFORMATION:**  
ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM TOWN OF NEWMARKET BENCHMARK 1095 HAVING AN ELEVATION 273.91 METRES A.S.L.

5			
4			
3			
2			
1	2024/10/25	ISSUED FOR SPA SUBMISSION	TVL
No.	DATE	ISSUE/REVISION	INITIAL

LICENSED PROFESSIONAL ENGINEER  
 T.J. VAN LIEROP  
 100508919  
 2024-10-25  
 PROVINCE OF ONTARIO

NEWROADS - TOYOTA  
 NEWROADS AUTOMOTIVE GROUP  
 1656 GREEN LANE EAST  
 TOWN OF EAST GWILLIMBURY, ONTARIO

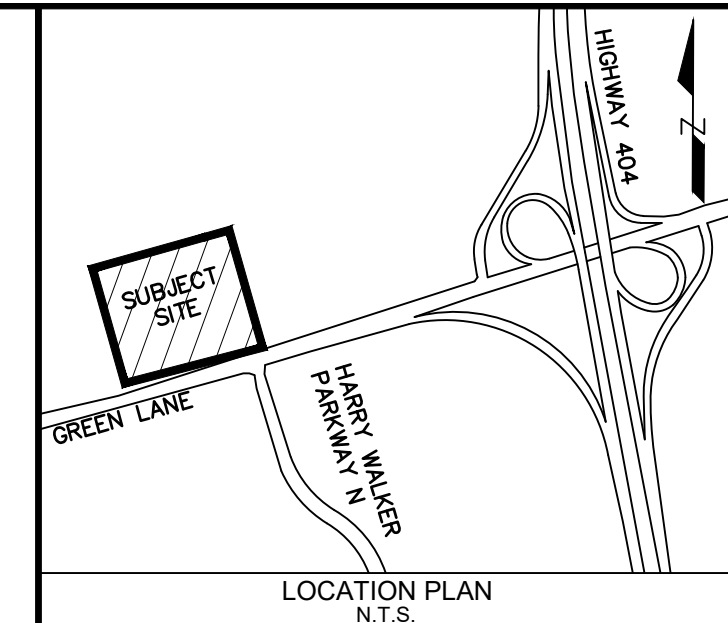
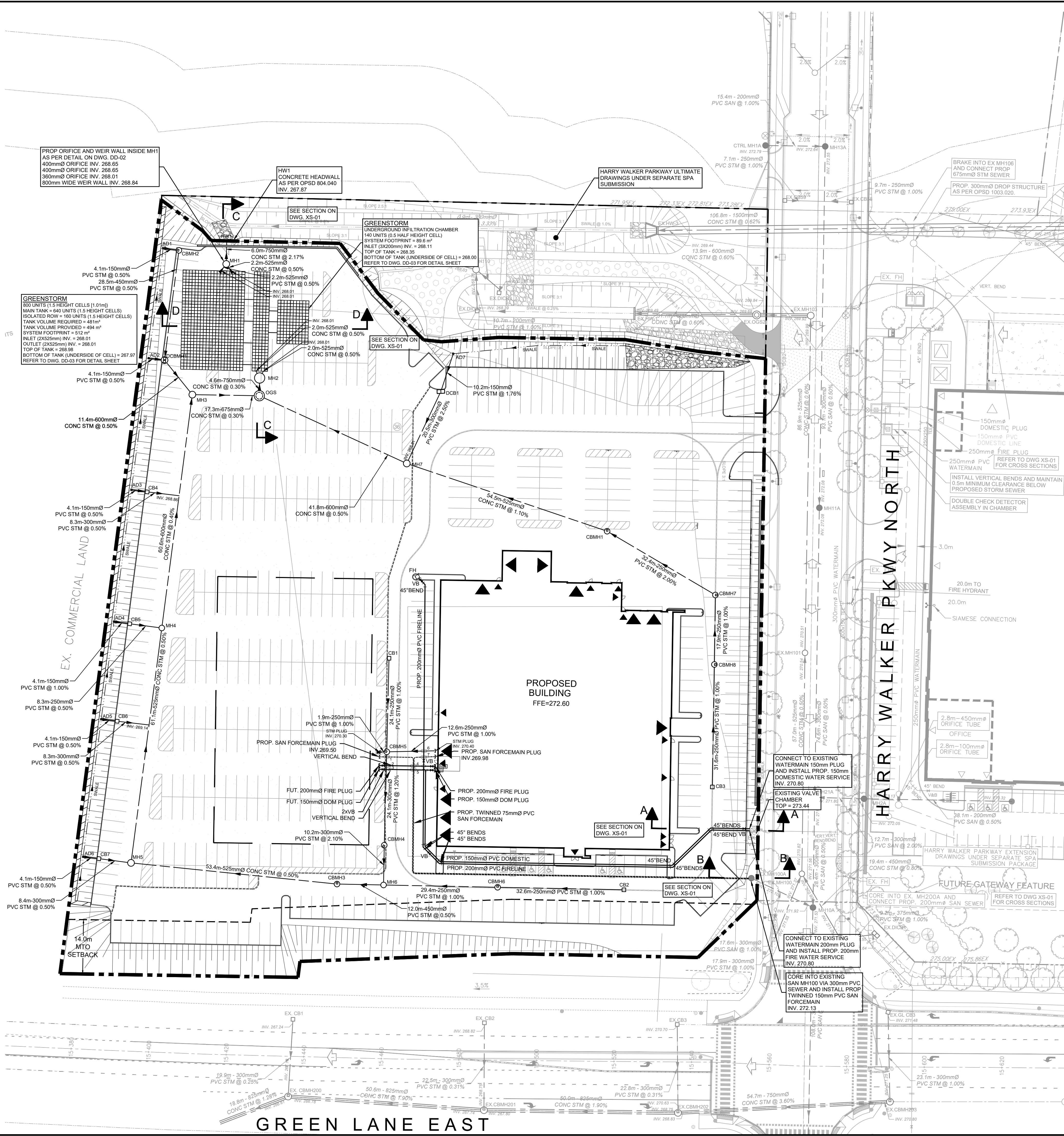
**SITE GRADING PLAN**



DESIGNED BY: PS	DATE: OCTOBER 2024	CHECKED BY: TVL
DRAWN BY: PS	PROJECT No. 2406541	DRAWING No. SG-01
SCALE: 1:500		

STORM SEWER STRUCTURE INVENTORY					
MH#	MH DIAMETER	MH OPSD	FRAME CITY/OPSD	INVERTS	
AD1		ZURN 610	ZURN 610	270.03	E 269.08 (150mmØ)
AD2		ZURN 610	ZURN 610	270.18	E 268.94 (150mmØ)
AD3		ZURN 610	ZURN 610	270.02	E 269.07 (150mmØ)
AD4		ZURN 610	ZURN 610	270.19	E 269.20 (150mmØ)
AD5		ZURN 610	ZURN 610	270.32	E 269.35 (150mmØ)
AD6		ZURN 610	ZURN 610	270.50	E 269.49 (150mmØ)
AD7		ZURN 610	ZURN 610	270.96	S 269.66 (150mmØ)
CB1		705.010	400.010	272.02	S 270.52 (250mmØ)
CB2		705.010	400.010	272.17	W 270.67 (250mmØ)
CB3		705.010	400.010	272.19	N 270.69 (250mmØ)
CB4		705.010	400.010	270.85	W 269.05 (150 mmØ) E 268.90 (300mmØ)
CB5		705.010	400.010	271.12	W 269.16 (150 mmØ) E 269.06 (250mmØ)
CB6		705.010	400.010	270.99	W 269.33 (150 mmØ) E 269.18 (300mmØ)
CB7		705.010	400.010	270.79	W 269.47 (150 mmØ) E 269.32 (300mmØ)
CBMH1		1200 mmØ	701.010	400.010	E 269.47 (250 mmØ) W 269.19 (525mmØ)
CBMH2		1200 mmØ	701.010	400.010	W 269.06 (150 mmØ) S 268.76 (450mmØ)
CBMH3		1200 mmØ	701.010	400.010	E 269.48 (150 mmØ) W 269.41 (525mmØ)
CBMH4		1200 mmØ	701.010	400.010	N 269.94 (300 mmØ) S 269.91 (300mmØ)
CBMH5		1200 mmØ	701.010	400.010	N 270.28 (250 mmØ) E 270.28 (250 mmØ) W 270.28 (250 mmØ) S 270.23 (300mmØ)
CBMH6		1200 mmØ	701.010	400.010	E 270.34 (250 mmØ) W 270.29 (250mmØ)
CBMH7		1200 mmØ	701.010	400.010	S 270.17 (250 mmØ) W 270.12 (250mmØ)
CBMH8		1200 mmØ	701.010	400.010	N 270.37 (250 mmØ) N 270.34 (300mmØ)
DCB1		705.020	400.010	270.70	N 269.48 (150 mmØ) S 269.32 (300mmØ)
DCBMH1		1500 mmØ	701.011	401.010	N 268.62 (450 mmØ) W 268.92 (150 mmØ) SE 268.47 (600mmØ)
HW1		804.030		269.30	S 267.87 (750 mmØ)
MH1		1500 mmØ	701.011	401.010	S 268.00 (525 mmØ) SE 268.00 (525 mmØ) N 268.00 (750mmØ)
MH2		2400 mmØ	701.013	401.010	S 268.14 (750 mmØ) NW 268.02 (525mmØ) N 268.02 (525mmØ)
MH3		1500 mmØ	701.011	401.010	NW 268.41 (600 mmØ) S 268.43 (600 mmØ) E 268.35 (675mmØ)
MH4		1200 mmØ	701.010	401.010	W 269.02 (250 mmØ) S 268.74 (525 mmØ) N 268.67 (600mmØ)
MH5		1500 mmØ	701.011	401.010	E 269.14 (525 mmØ) W 269.27 (300 mmØ) N 269.05 (525mmØ)
MH6		1200 mmØ	701.010	401.010	N 269.69 (300 mmØ) E 270.00 (250 mmØ) W 269.54 (450mmØ)
MH7		1500 mmØ	701.011	401.010	N 268.81 (300 mmØ) E 268.58 (525 mmØ) W 268.51 (600mmØ)
OGS		2400 mmØ	STORMCEPTOR EFO8	270.90	E 268.30 (600 mmØ) W 268.30 (675 mmØ) N 268.15 (750mmØ)

PIPE CROSSING TABLE							
INDEX	PIPE 1 DIAMETER	PIPE 1 TOP	PIPE 1 BOTTOM	PIPE 2 DIAMETER	PIPE 2 TOP	GAP DISTANCE	
1	300mmSTM	270.510	270.210	75mmSAN	269.710	269.630	0.50
2	300mmSTM	270.490	270.190	200mmWM	269.690	269.490	0.50
3	300mmSTM	270.480	270.180	150mmWM	269.680	269.530	0.50
4	200mmWM	270.640	270.440	75mmSAN	269.940	269.860	0.50
5	150mmWM	270.650	270.500	75mmSAN	269.950	269.870	0.55
6	250mmSTM	270.630	270.380	200mmWM	269.880	269.680	0.50
7	200mmWM	270.750	270.550	75mmSAN	270.050	269.970	0.50



LEGEND	
PROPOSED STORM MANHOLE	○
PROPOSED CATCHBASIN MANHOLE	⊙
CATCH BASIN	⊕
PROPOSED VALVE & BOX	⊕
PROPOSED HYDRANT & VALVE	⊕
PROPOSED AREA DRAIN	—
EXISTING STORM MANHOLE	○
EXISTING CATCHBASIN	⊕
EXISTING DOUBLE CATCHBASIN	⊕
EXISTING VALVE & CHAMBER	⊕
EXISTING HYDRANT & VALVE	⊕
EXISTING DOUBLE DITCH	—
INLET CATCHBASIN MANHOLE	⊕
PROPOSED STORM SEWER	—
PROPOSED STORM SEWER (INSULATED)	—
PROPOSED SANITARY SEWER	—
PROPOSED WATERMAIN	—
EXISTING STORM SEWER	—
EXISTING SANITARY SEWER	—
EXISTING WATERMAIN	—
14m MTO SETBACK	—
PROPERTY LINE	—
PROPOSED BLDG. OUTLINE AT GROUND FLOOR	—
HEAVY DUTY ASPHALT	—
PROPOSED TOE-WALL	—
PROPOSED RETAINING WALL	—
PROPOSED TRANSFORMERS	⊕
BORHOLE AS PER GEOTECHNICAL REPORT	⊕
LIGHT STANDARD	⊕
PROPOSED SUBDRAIN	—
PROPOSED DOMESTIC WATER METER	⊕
PROPOSED DOUBLE CHECK DETECTOR ASSEMBLY	⊕
PROPOSED BACKFLOW PREVENTER	⊕

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DD-03 - DETAIL DRAWING	

SITE PLAN INFORMATION	SURVEYOR INFORMATION
WARE MALCOLM ARCHITECTS INC. 30 ADLAIRES STREET E. SUITE 1254 TORONTO, ON M5C 2S5 PHONE: (437) 537-5700	E.R. GARDEN LIMITED ONTARIO LAND SURVEYOR 1260 JOURNEYS END CIRCLE, UNIT 1, NEWMARKET, ON L3Y 6Z7 PHONE: (905) 895-6000 FAX: (905) 895-7127 WEBSITE: www.ergardenlimited.ca

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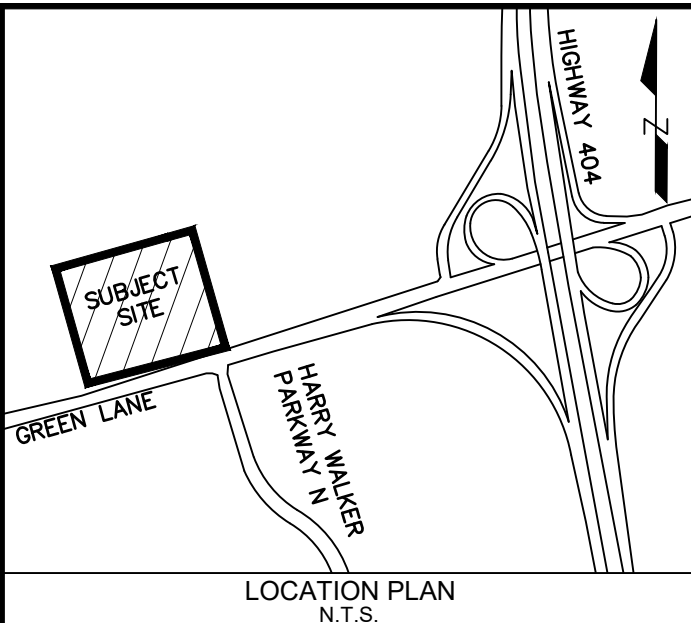
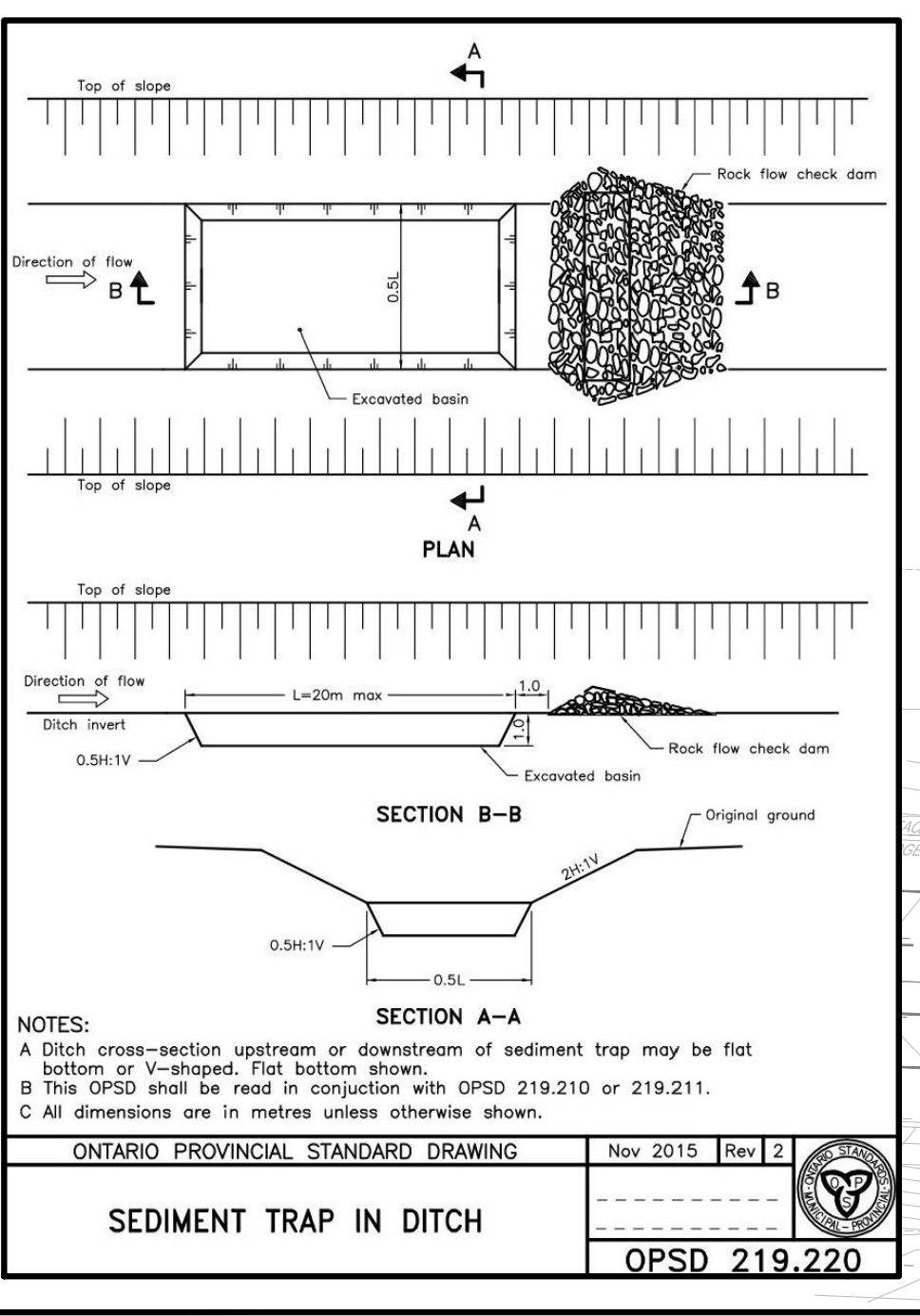
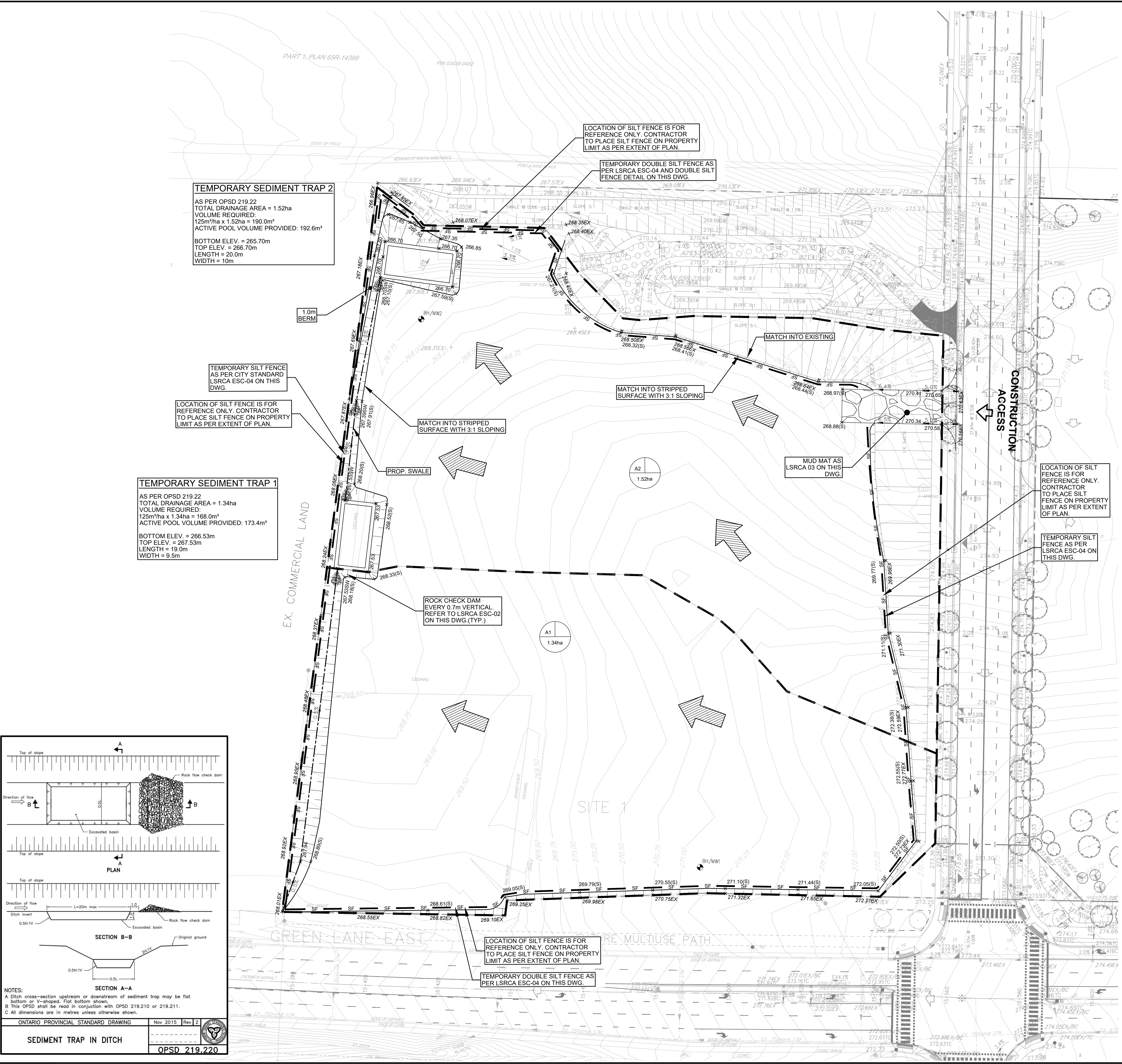
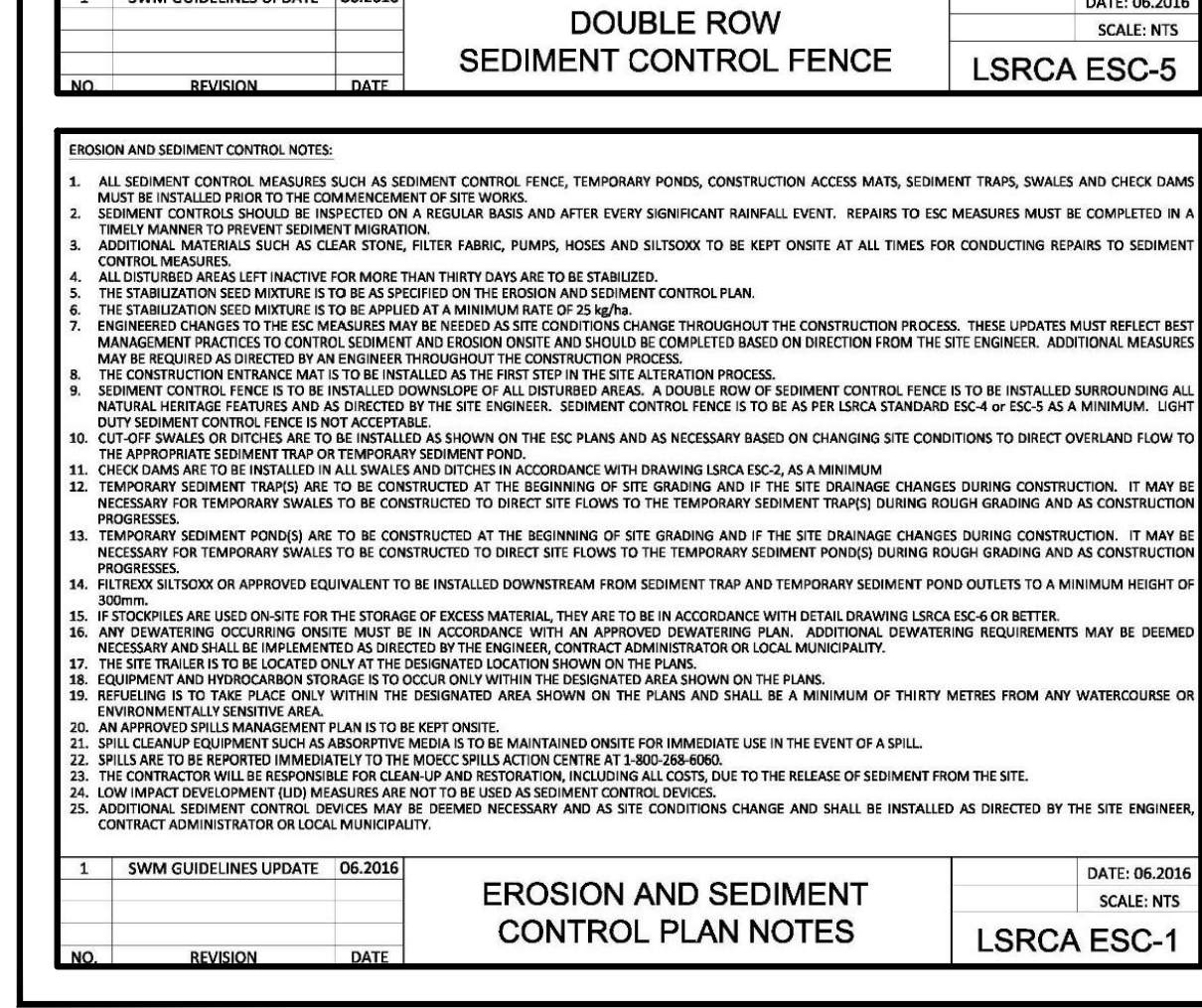
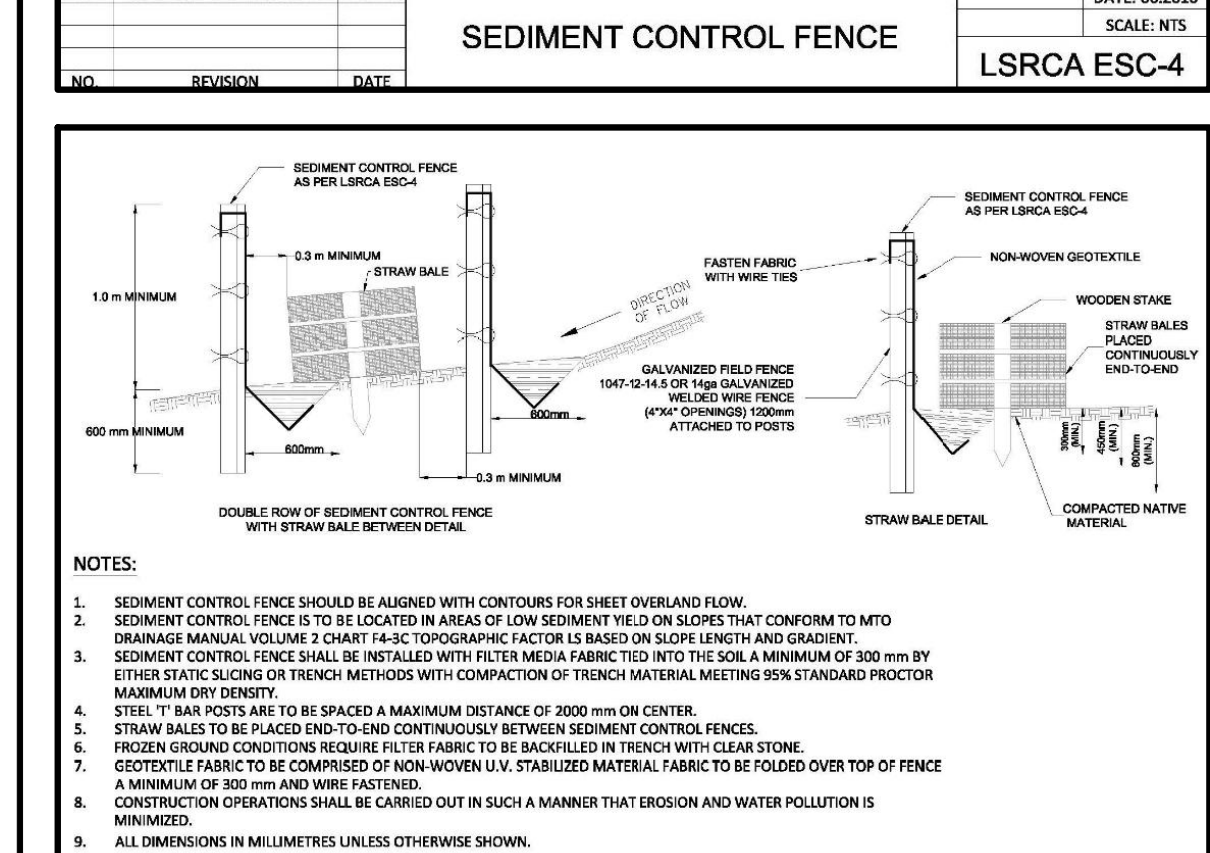
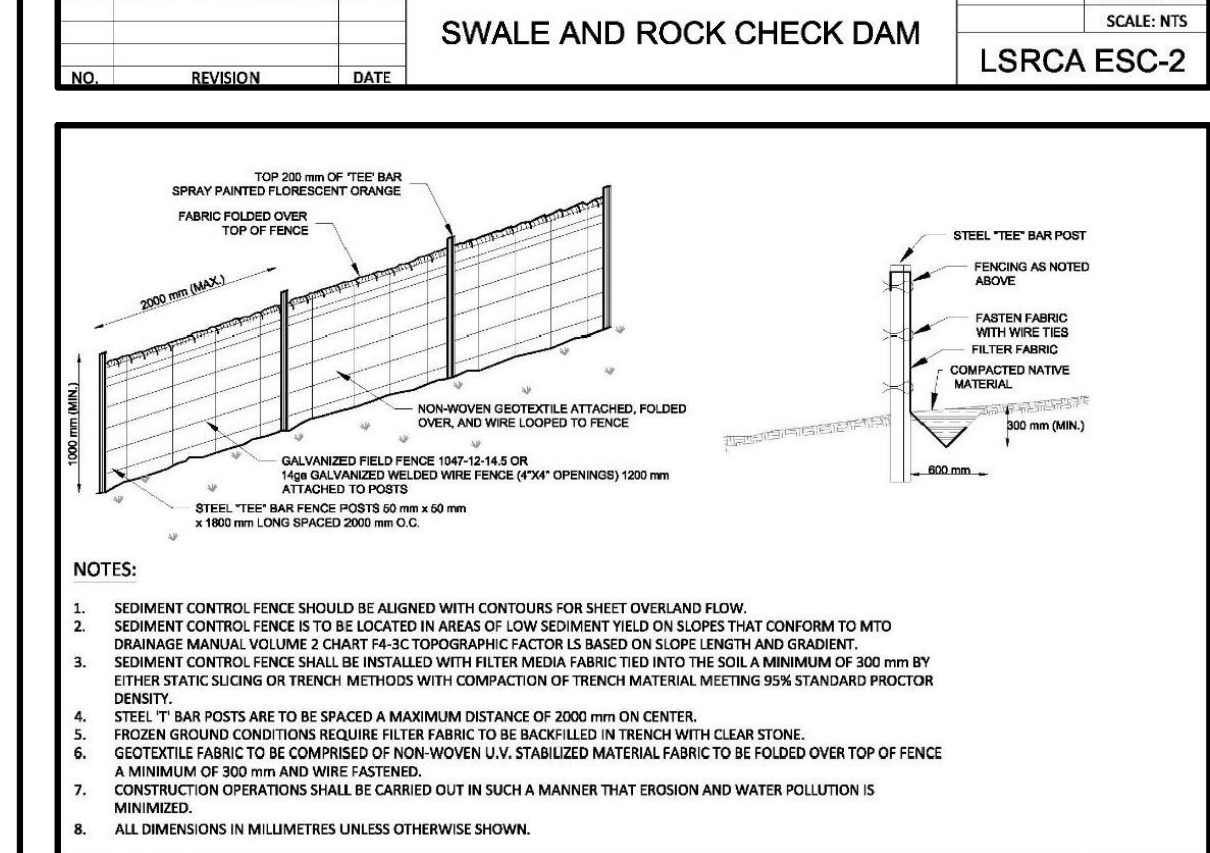
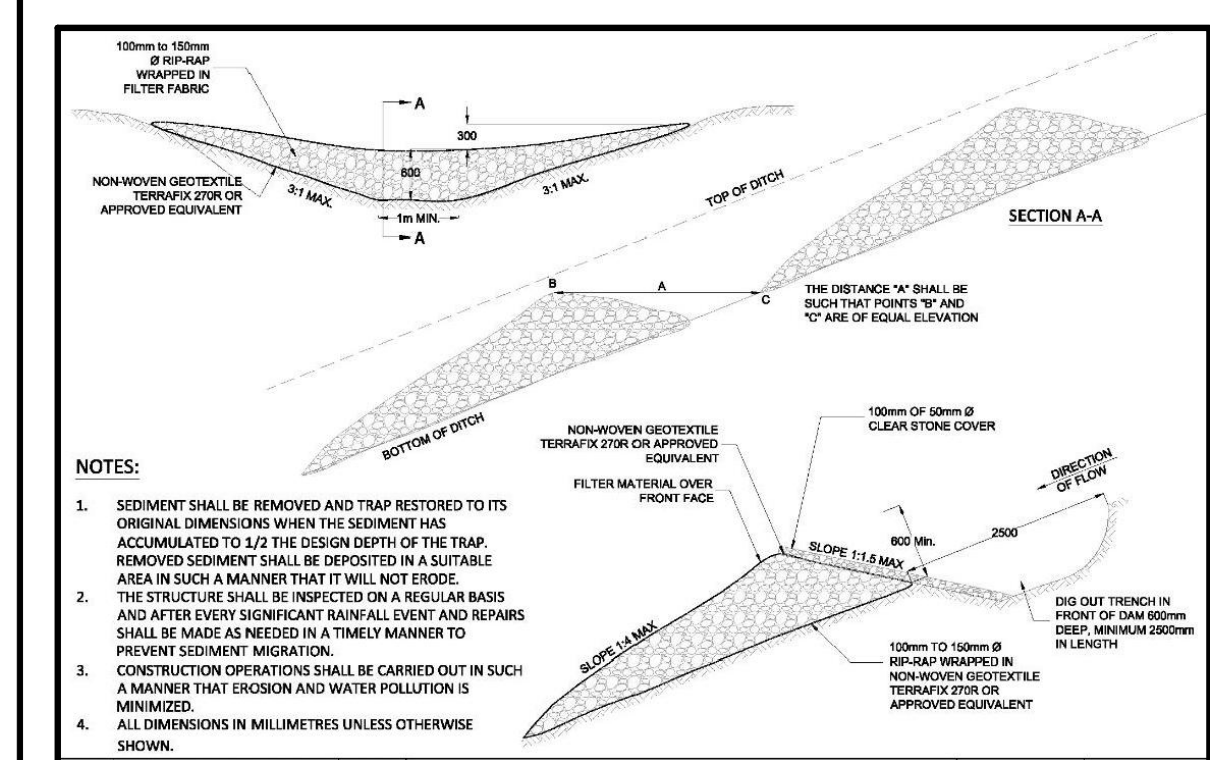
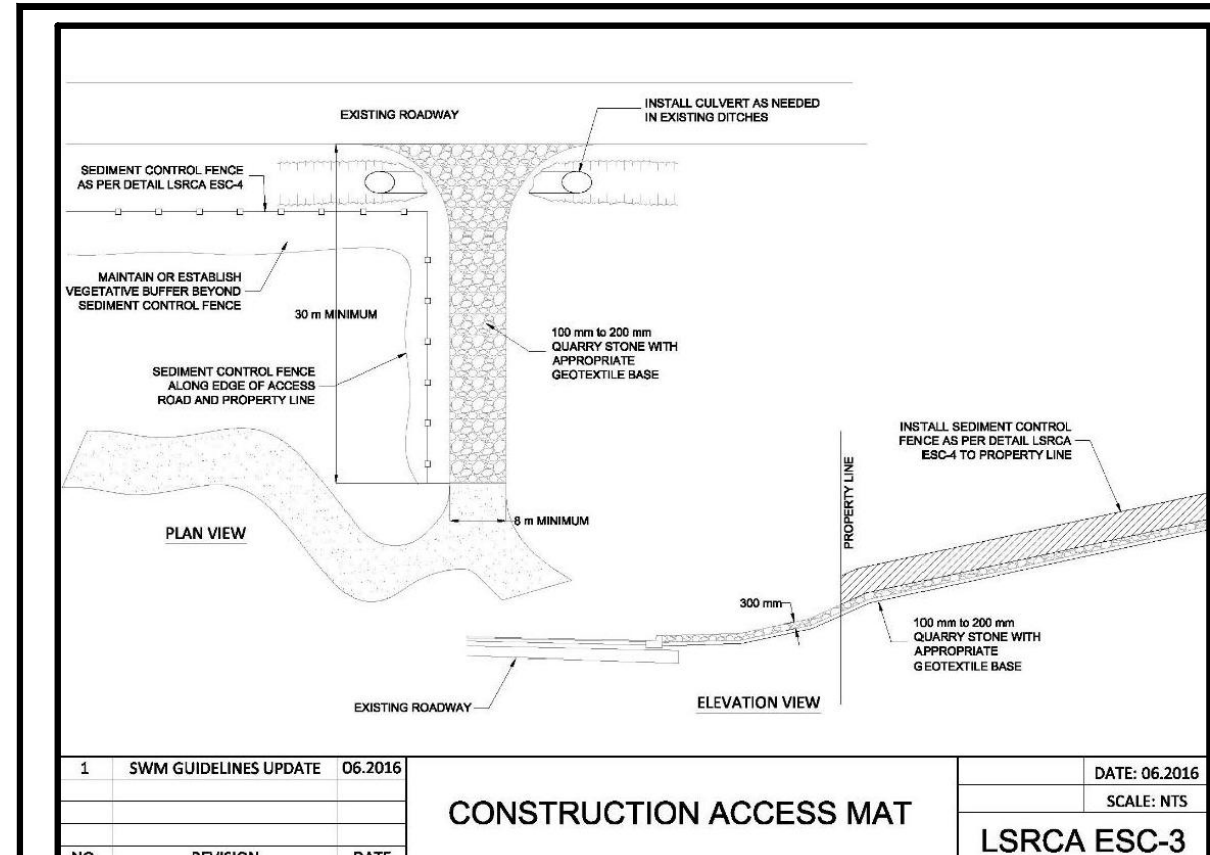


TOWN OF EAST GWILLIMBURY  
YORK REGION  
NEWROADS - TOYOTA  
NEWROADS AUTOMOTIVE GROUP  
1656 GREEN LANE EAST  
TOWN OF EAST GWILLIMBURY, ONTARIO

SITE SERVICING PLAN

DESIGNED BY: PS DATE: OCTOBER 2024 CHECKED BY: TVL  
 DRAWN BY: PS PROJECT No. 2406541 DRAWING No. SS-01  
 SCALE: 1:500

WHERE REQUIRED, INSTALL VERTICAL BENDS IN WATERMAIN TO ENSURE 0.5m VERTICAL SEPARATION BETWEEN WATERMAIN AND STM/SAN SEWER.



**LEGEND**

PROPERTY LINE	---
MTO SETBACK LINE	-----
EXISTING ELEVATION	x 272.50EX
PROPOSED ELEVATION	x 272.50
PROPOSED SWALE ELEVATION	x 272.50SW
EXISTING STRIPPED ELEVATION	x 272.50(S)
3:1 SLOPE	
EMERGENCY OVERLAND FLOW ROUTE	←
TEMPORARY ROCK CHECK DAM (LSRCA ESC-2)	⊘
CONSTRUCTION ACCESS	↔
EXISTING CONTOUR	205.00
TEMPORARY SILT FENCE	SF
DRAINAGE DIVIDE	---
DRAINAGE AREA	⊙

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WARE MALCOMB ARCHITECTS INC.  
30 ADRIAN STREET E. SUITE 1254  
TORONTO, ON M5C 2C5  
PHONE: (437) 537-5700

**SURVEYOR INFORMATION**

E.R. GARDEN LIMITED  
ONTARIO LAND SURVEYOR  
1260 JOURNEY'S END CIRCLE, UNIT 1,  
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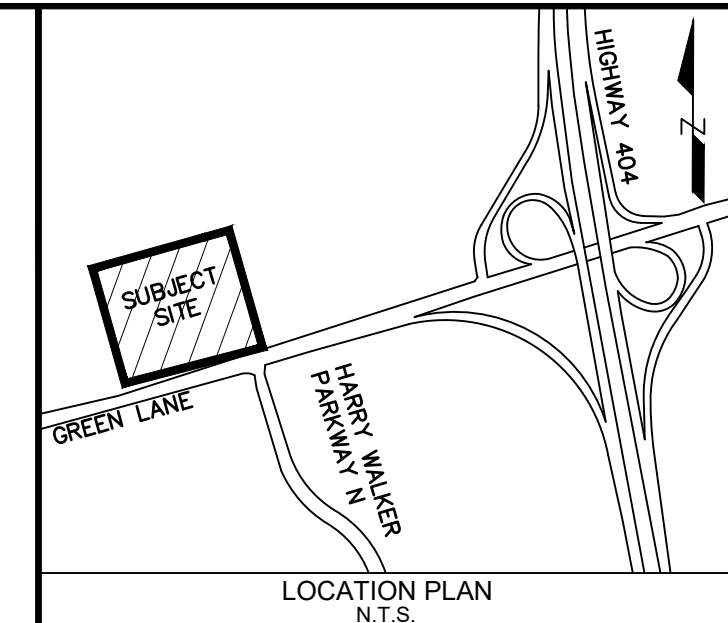
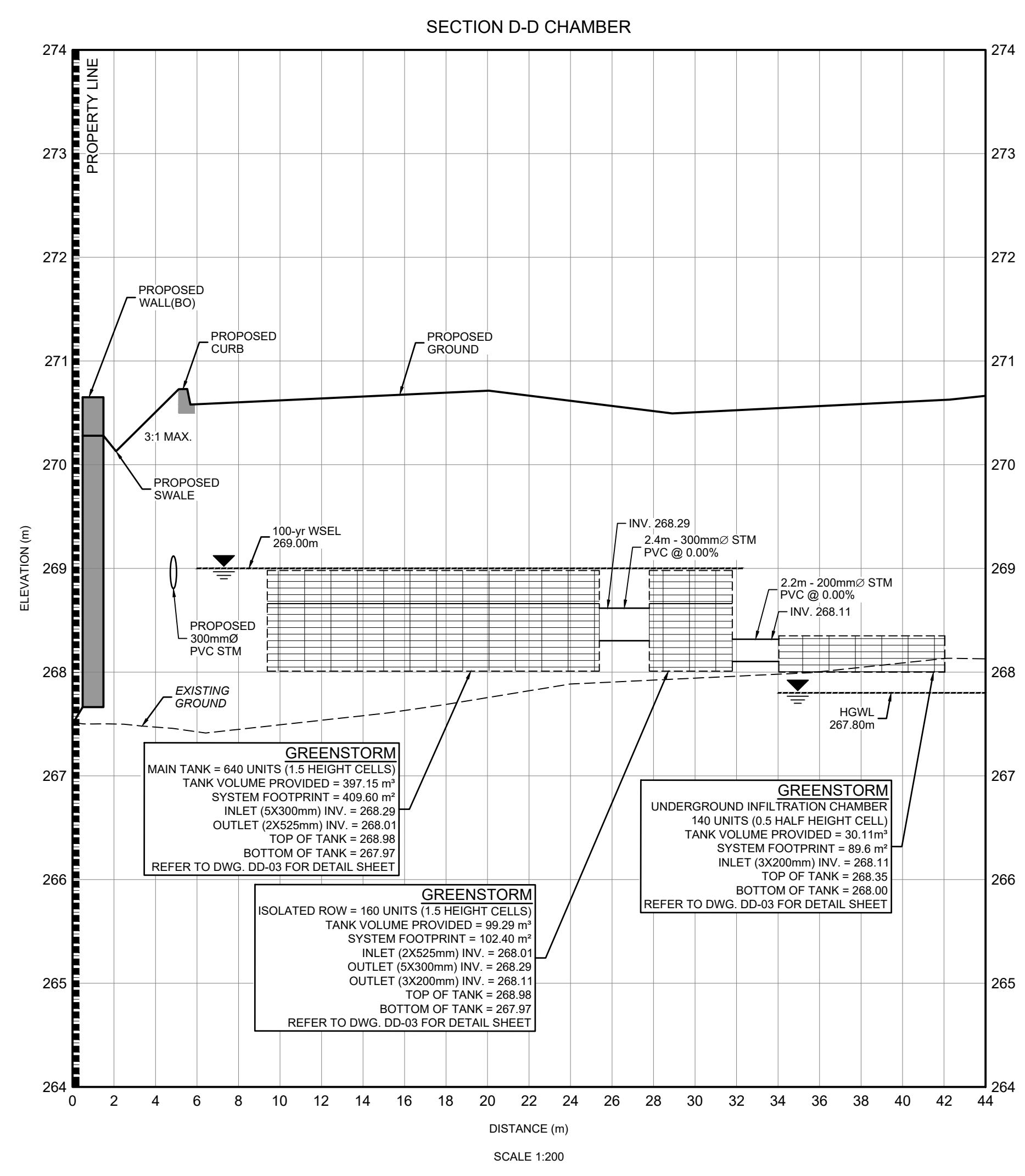
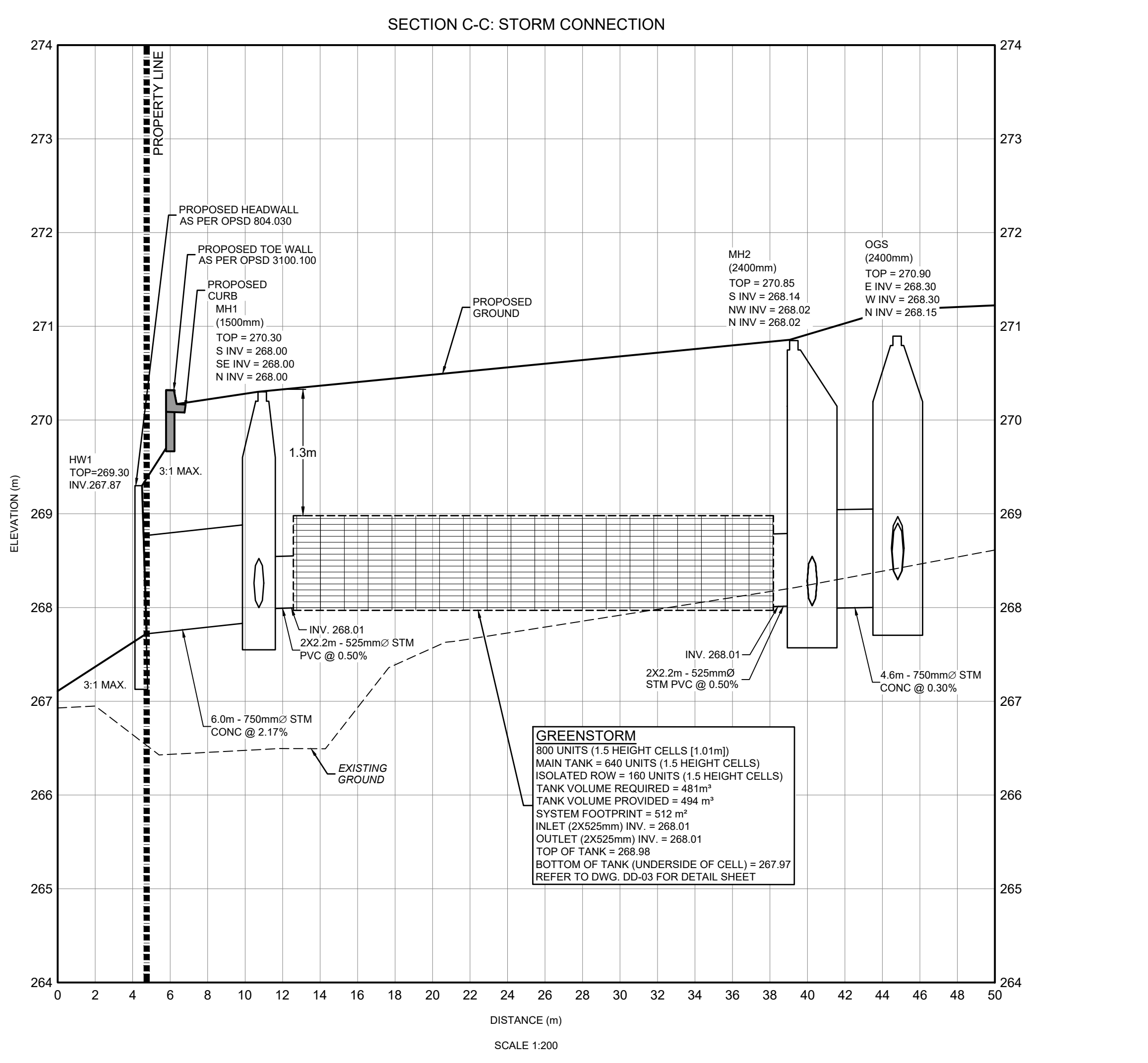
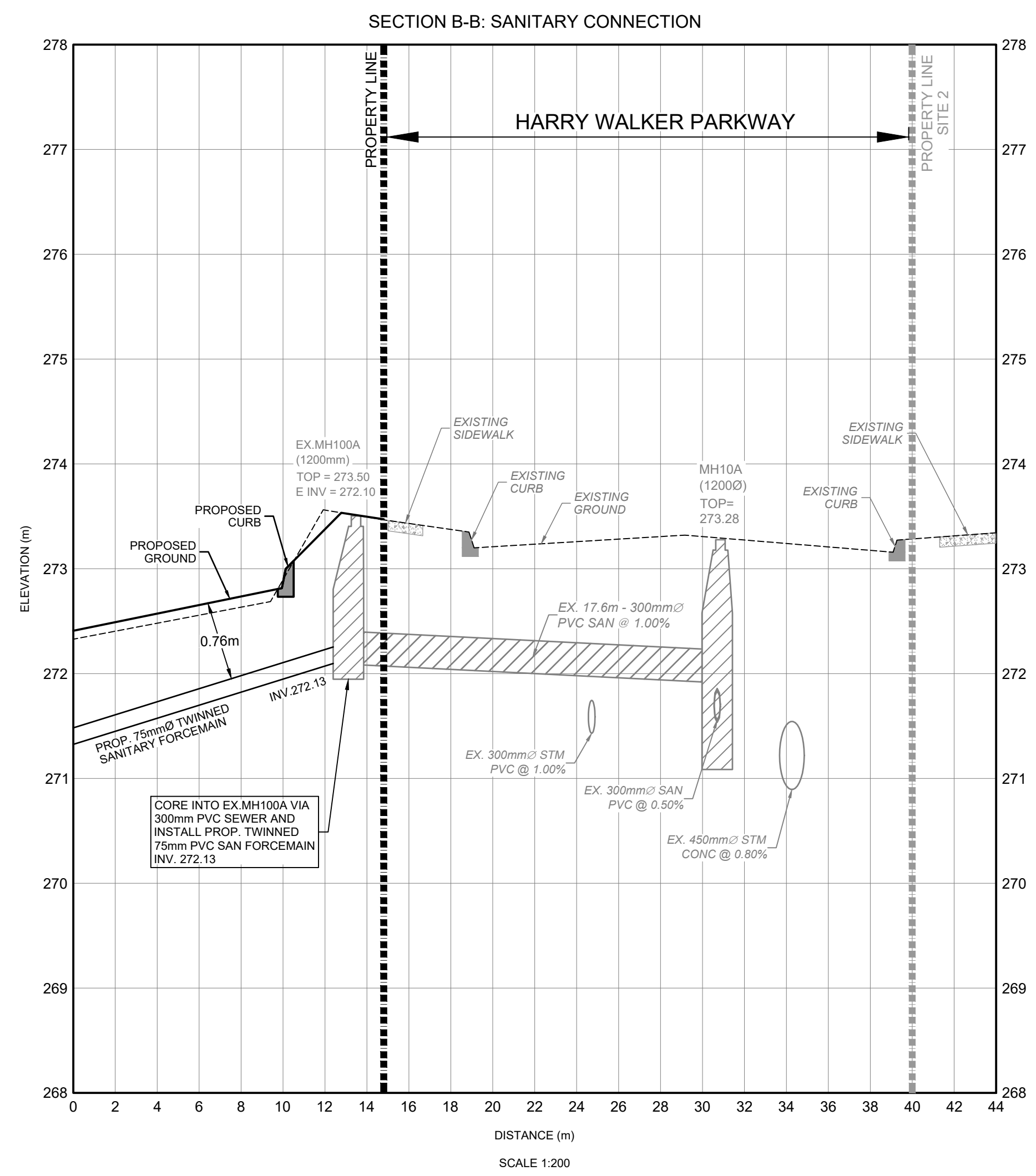
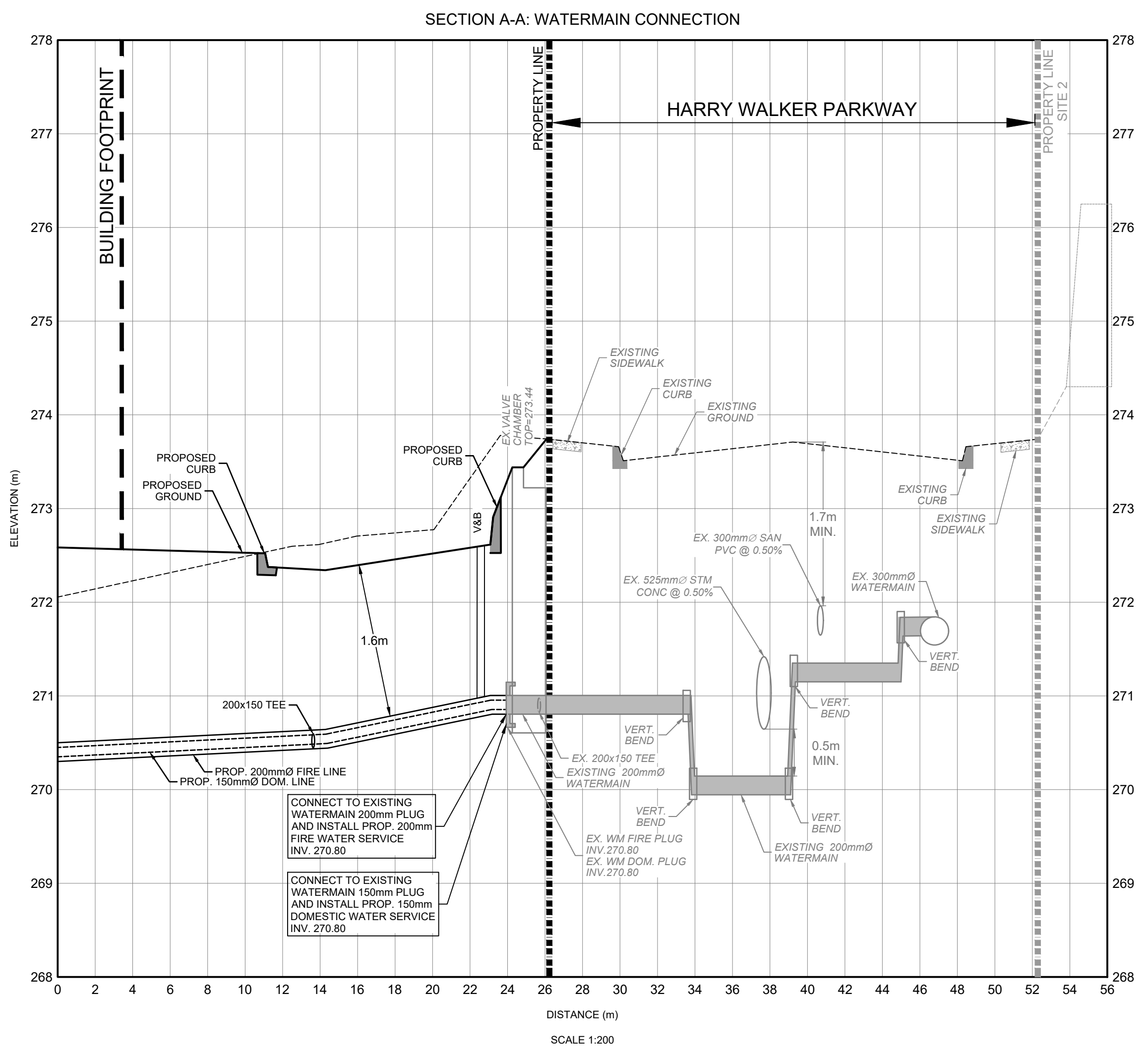
**TOWN OF EAST GWILLIMBURY**  
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1656 GREEN LANE EAST  
TOWN OF EAST GWILLIMBURY, ONTARIO

**EROSION AND SEDIMENT CONTROL PLAN**

**GEI** Consultants

DESIGNED BY: PS DATE: OCTOBER 2024 CHECKED BY: TVL  
DRAWN BY: PS PROJECT No. 2406541 DRAWING No. EC-01  
SCALE: 1:500

5.0m 0 5.0m 10.0m 15.0m 20.0m 25.0m 30.0m



**LEGEND**

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T. J. VAN LIEROP  
100508919  
2024-10-25  
PROVINCE OF ONTARIO

NEWROADS - TOYOTA  
NEWROADS AUTOMOTIVE GROUP  
1656 GREEN LANE EAST  
TOWN OF EAST GWILLIMBURY, ONTARIO

**CROSS SECTIONS**

**GEI** Consultants

DESIGNED BY: PS DATE: OCTOBER 2024 CHECKED BY: TVL  
DRAWN BY: PS PROJECT No. 2406541 DRAWING No. XS-01  
SCALE: 1:300

1. GENERAL NOTES

- 1.1. ALL SERVICES ARE TO BE TO THE TOWN OF EAST GWILLIMBURY ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE TOWN.
- 1.2. LOCATIONS OF EXISTING SERVICES IS NOT GUARANTEED. THE CONTRACTOR IS TO NOTIFY UTILITY COMPANIES FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY WORK.
- 1.3. ALL WORKS MUST BE CARRIED OUT ACCORDING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT (UPDATED 2021), REGULATIONS FOR CONSTRUCTION PROJECTS AND ALL RELATED ONTARIO REGULATIONS APPLICABLE TO CONSTRUCTION ACTIVITY.
- 1.4. SEWER AND WATERMAIN TRENCHES SHALL BE BACKFILLED TO TOWN OF EAST GWILLIMBURY STANDARDS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
- 1.5. ALL STANDARD DRAWINGS SHALL BE PER O.P.S.D. (MOST RECENT REVISION) UNLESS OTHERWISE SPECIFIED.

2. MEASUREMENTS

- 2.1. ALL DIMENSIONS SHALL BE IN METRES EXCEPT PIPE DIAMETER, WHICH IS IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.

3. ROADWORKS

- 3.1. COMPACTION: ROAD SUBGRADE TO BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR DENSITY. GRANULAR MATERIALS ARE TO BE SPREAD AND COMPACTED IN 200 MM LAYERS TO A MINIMUM OF 100% STANDARD PROCTOR DENSITY. ASPHALT IS TO BE COMPACTED TO MINIMUM 96% STANDARD PROCTOR DENSITY.

ITEM	COMPACTION REQUIRED (% OF STANDARD PROCTOR DENSITY)
GRANULAR "B"	MINIMUM 95%
GRANULAR "A" OR 16mm CRUSHER RUN STONE	MINIMUM 100%
HL-6 OR HL-8	MINIMUM 96%
HL-3	MINIMUM 96%

3.2. ROAD DESIGN - (MINIMUM)

PAVEMENT STRUCTURE	LIGHT DUTY	HEAVY DUTY	
		OPSS HL3 OR EQUIVALENT	OPSS HL8 OR EQUIVALENT
ASPHALTIC CONCRETE:	OPSS HL3 OR EQUIVALENT	65mm	40mm
BASE:	OPSS GRANULAR A OR 20mm CRUSHER-RUN	150mm	150mm
SUB-BASE:	OPSS GRANULAR B OR 50mm CRUSHER-RUN	300mm	450mm

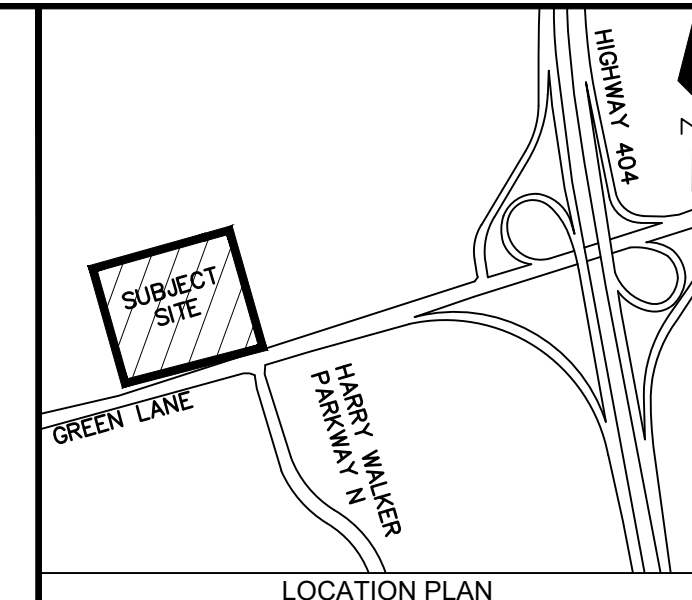
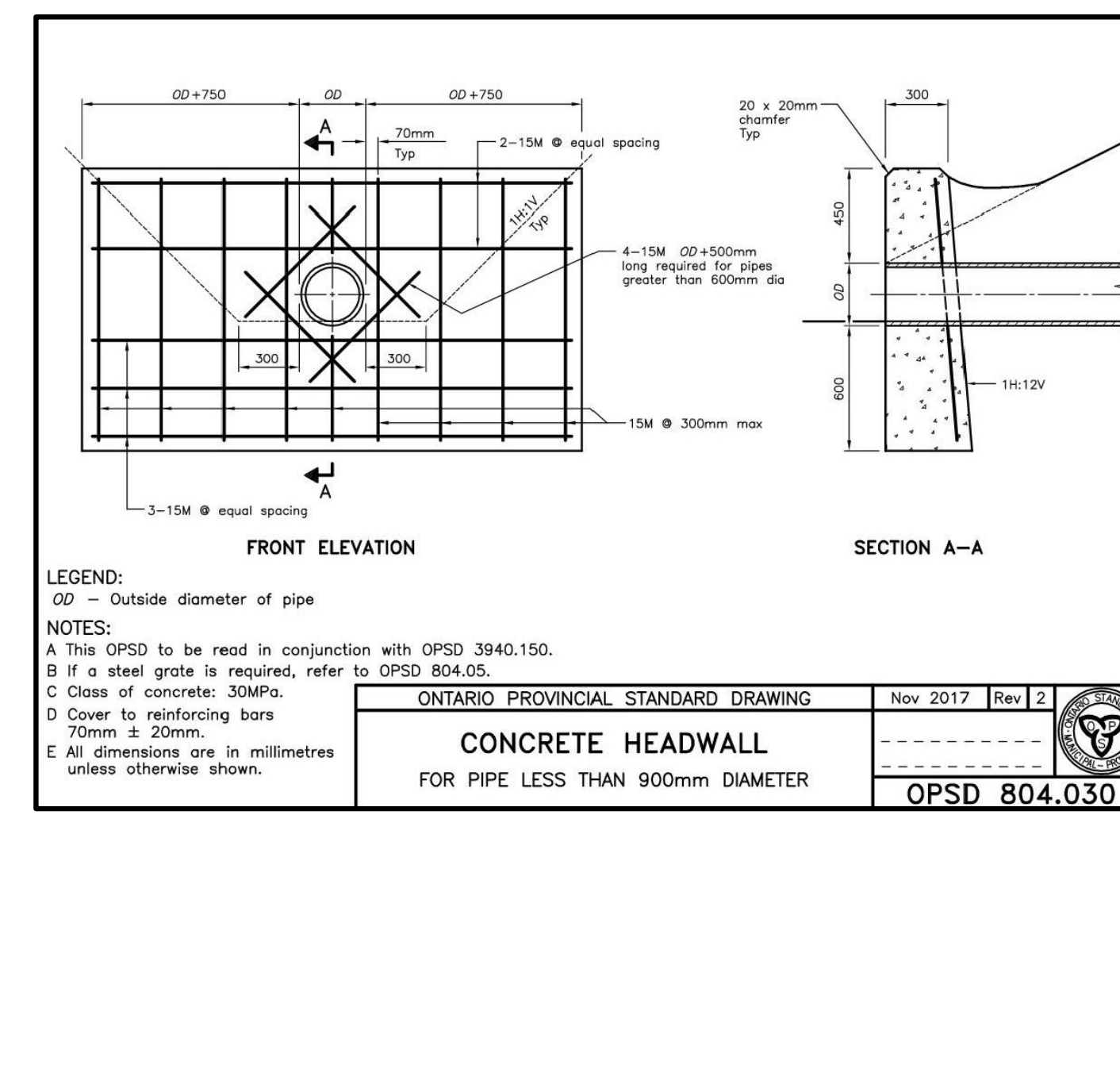
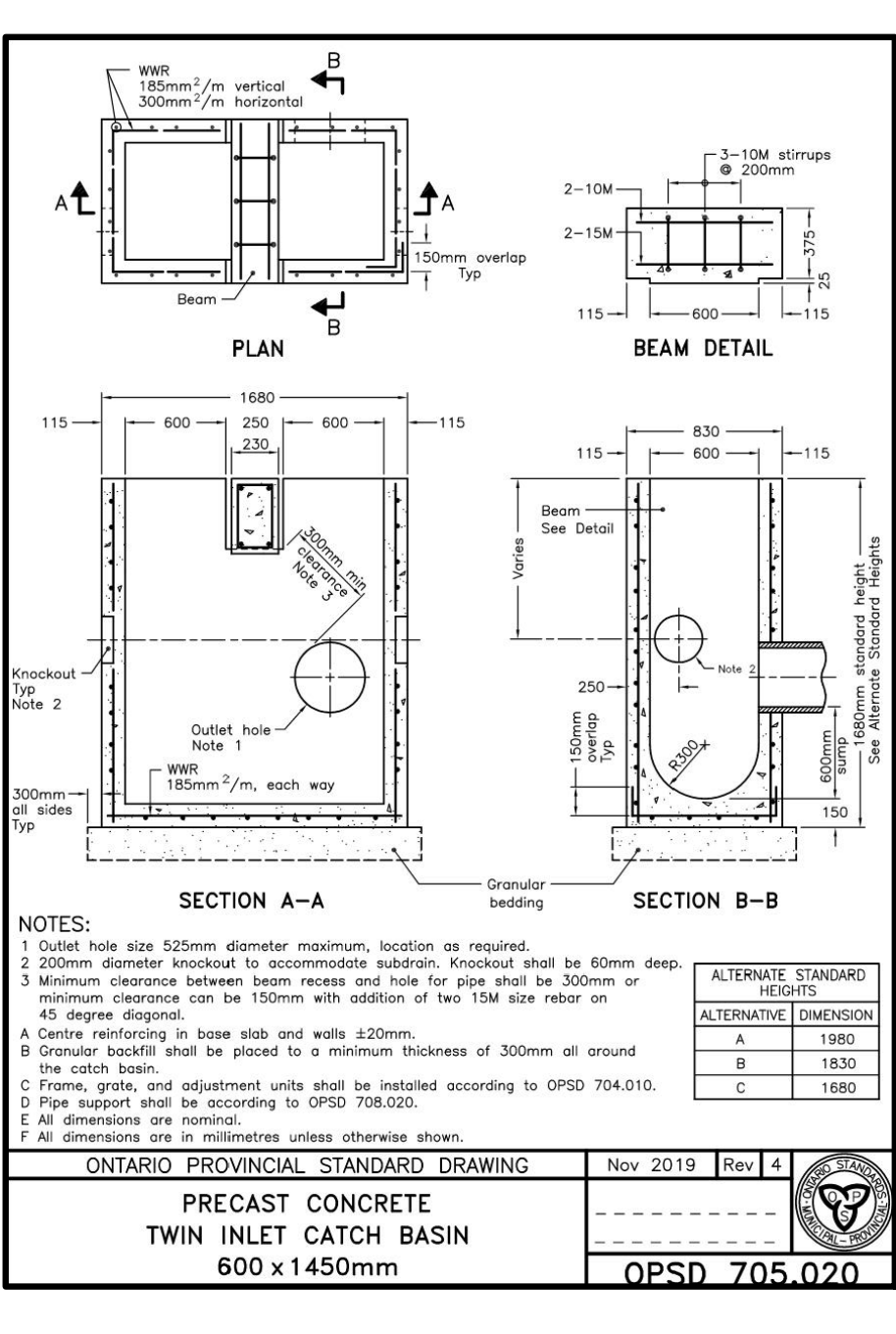
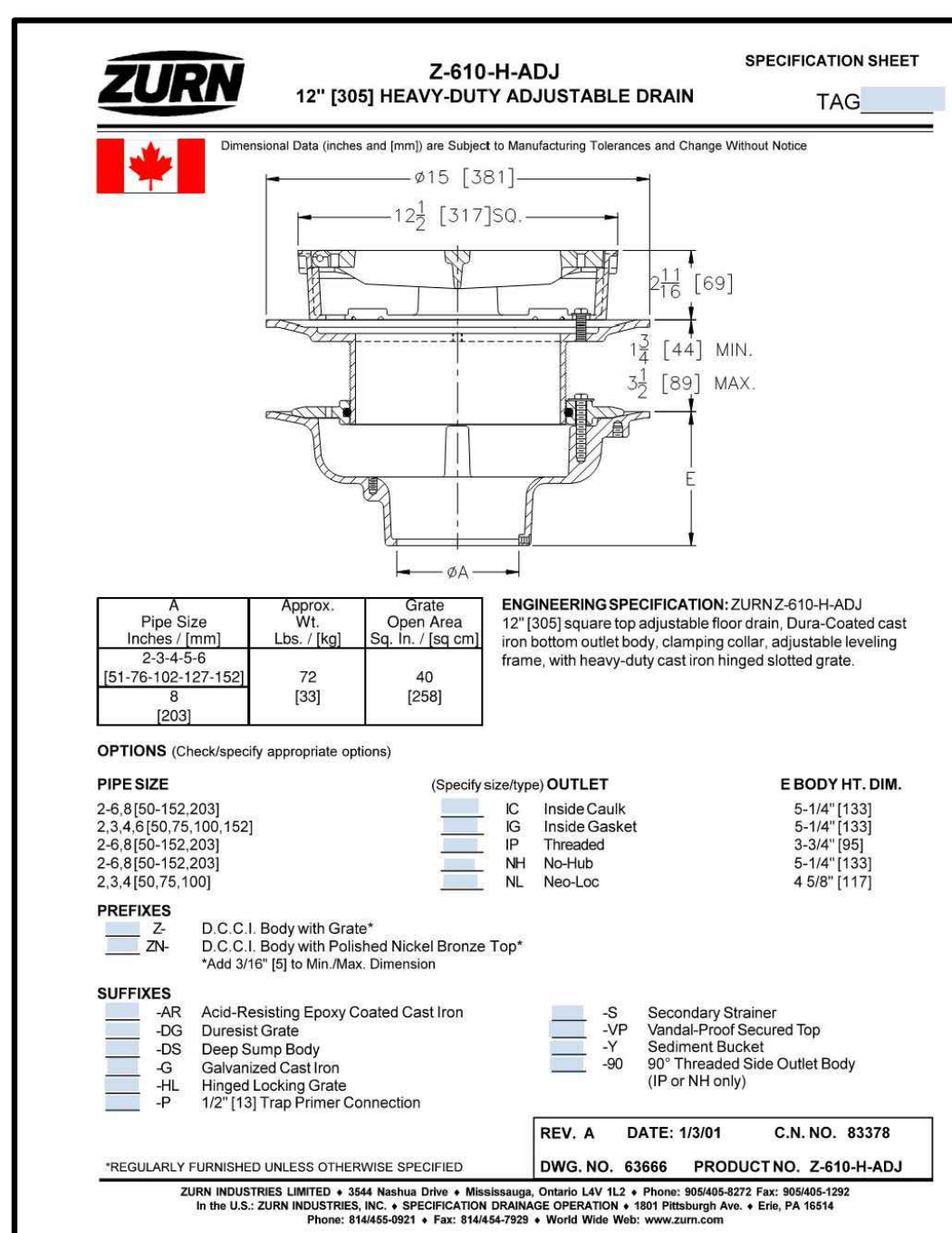
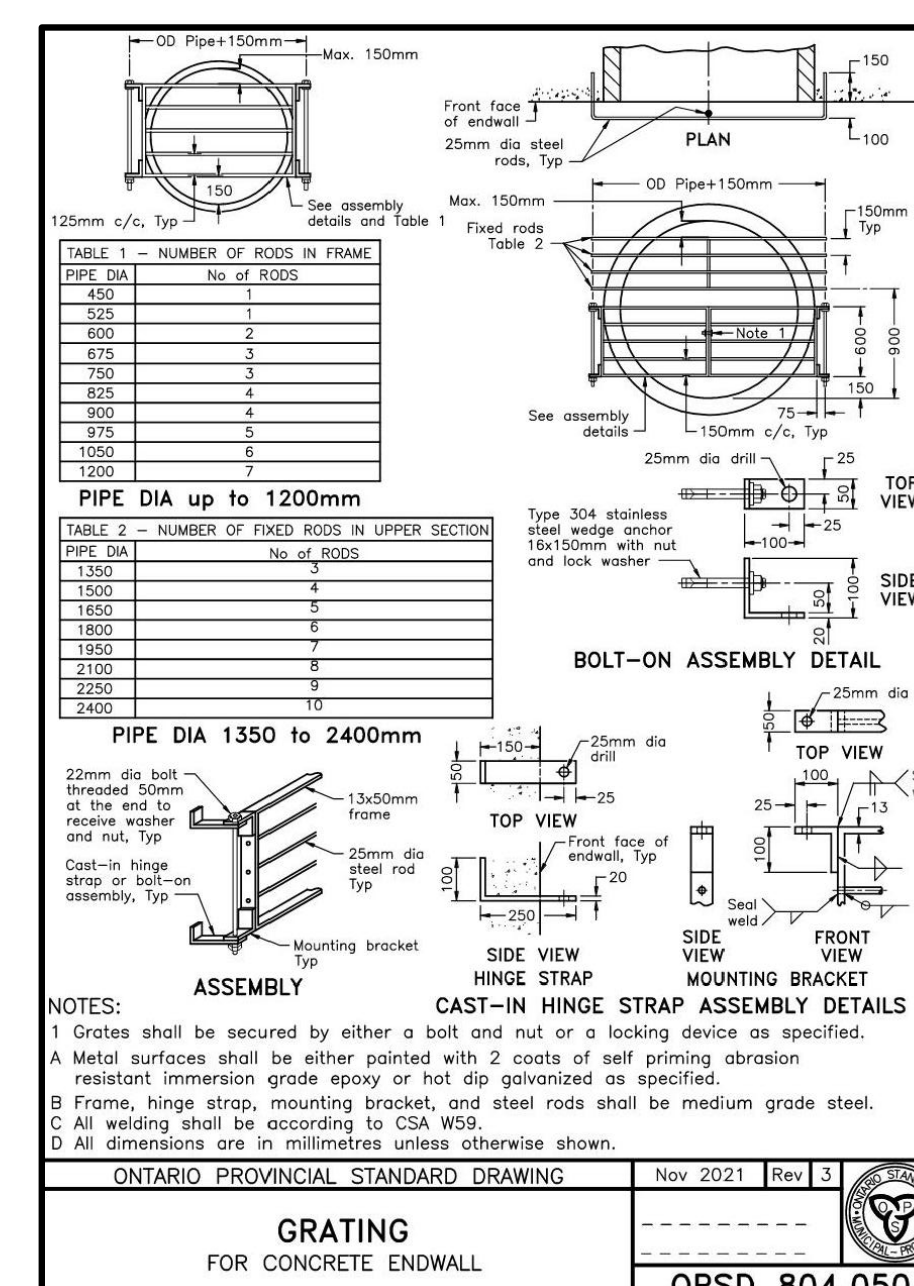
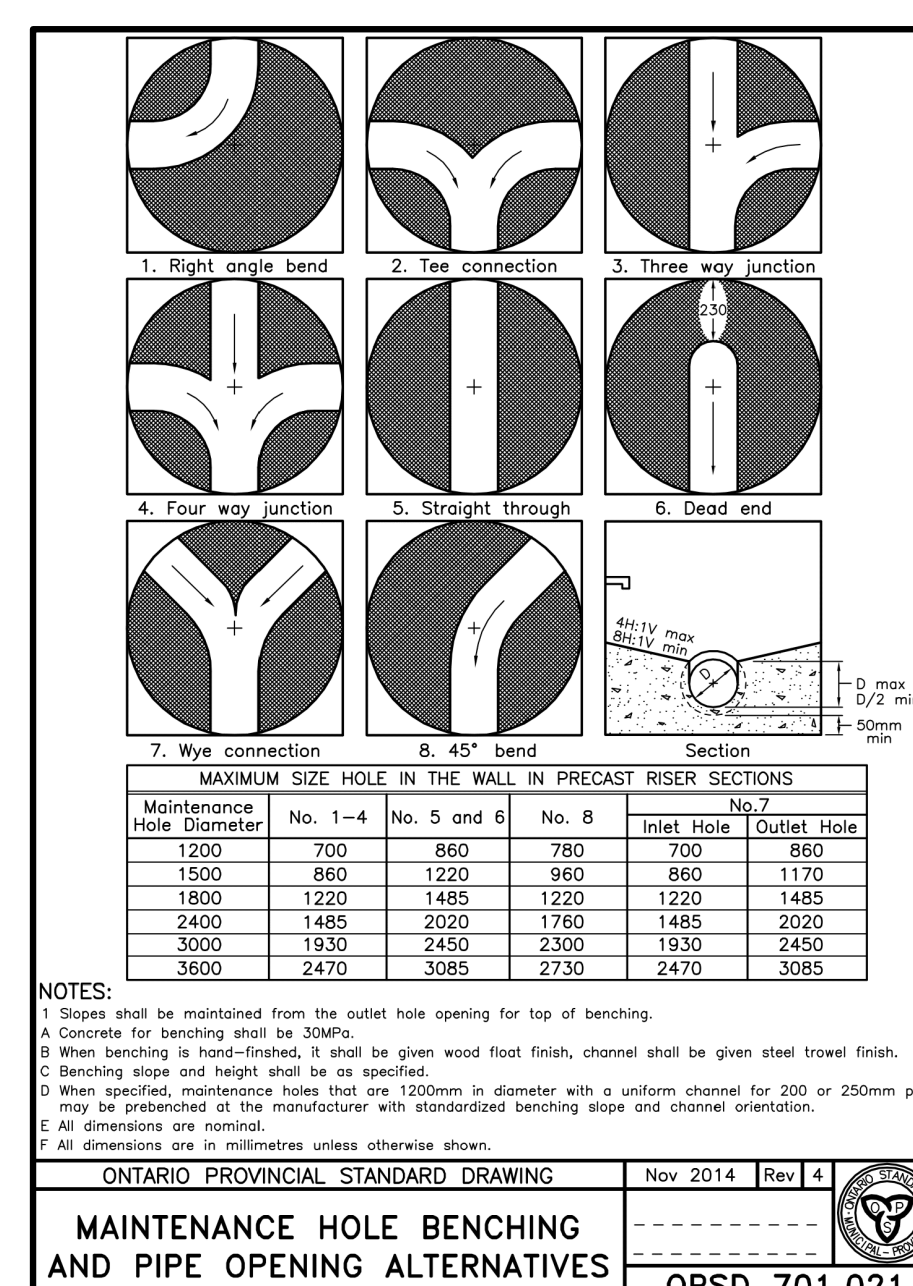
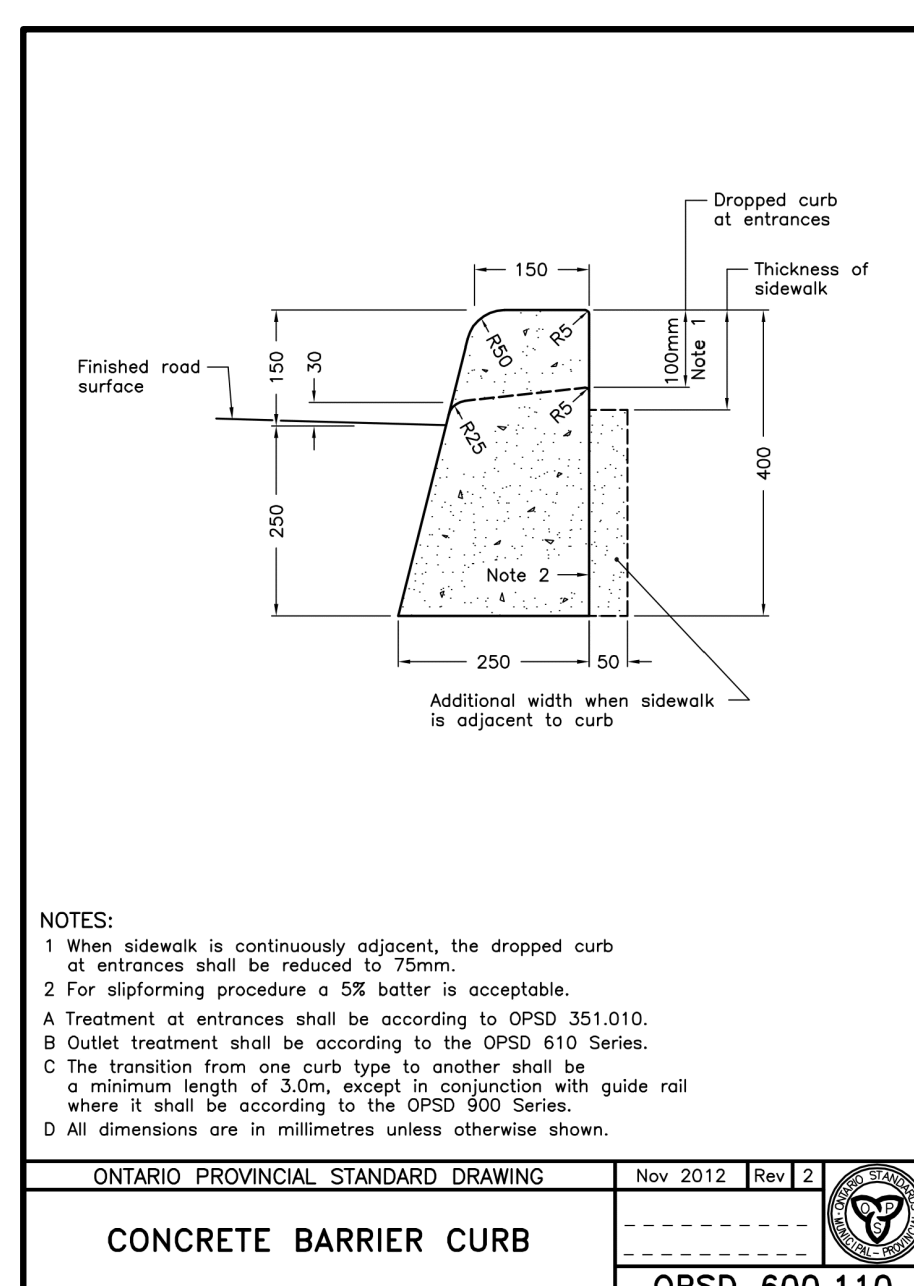
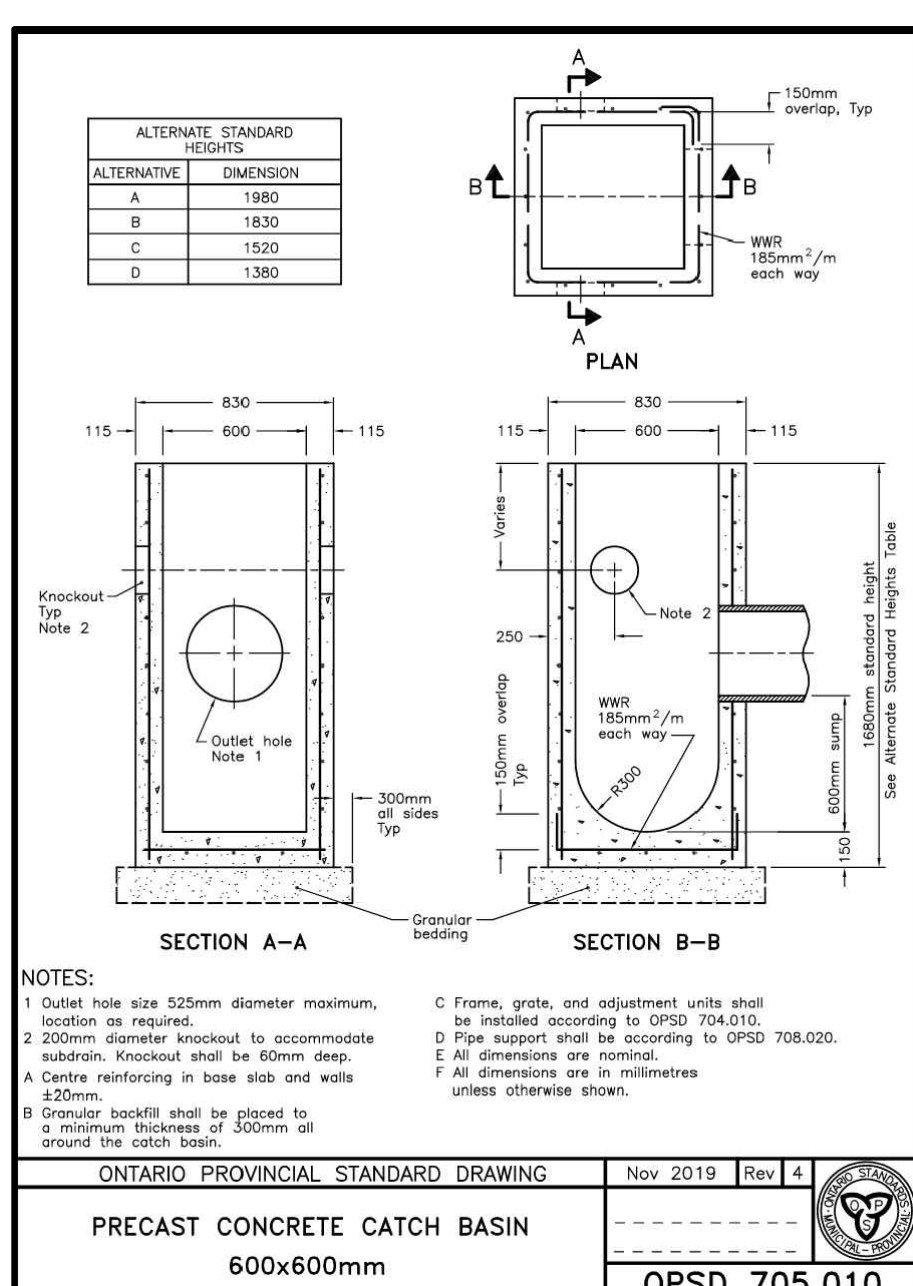
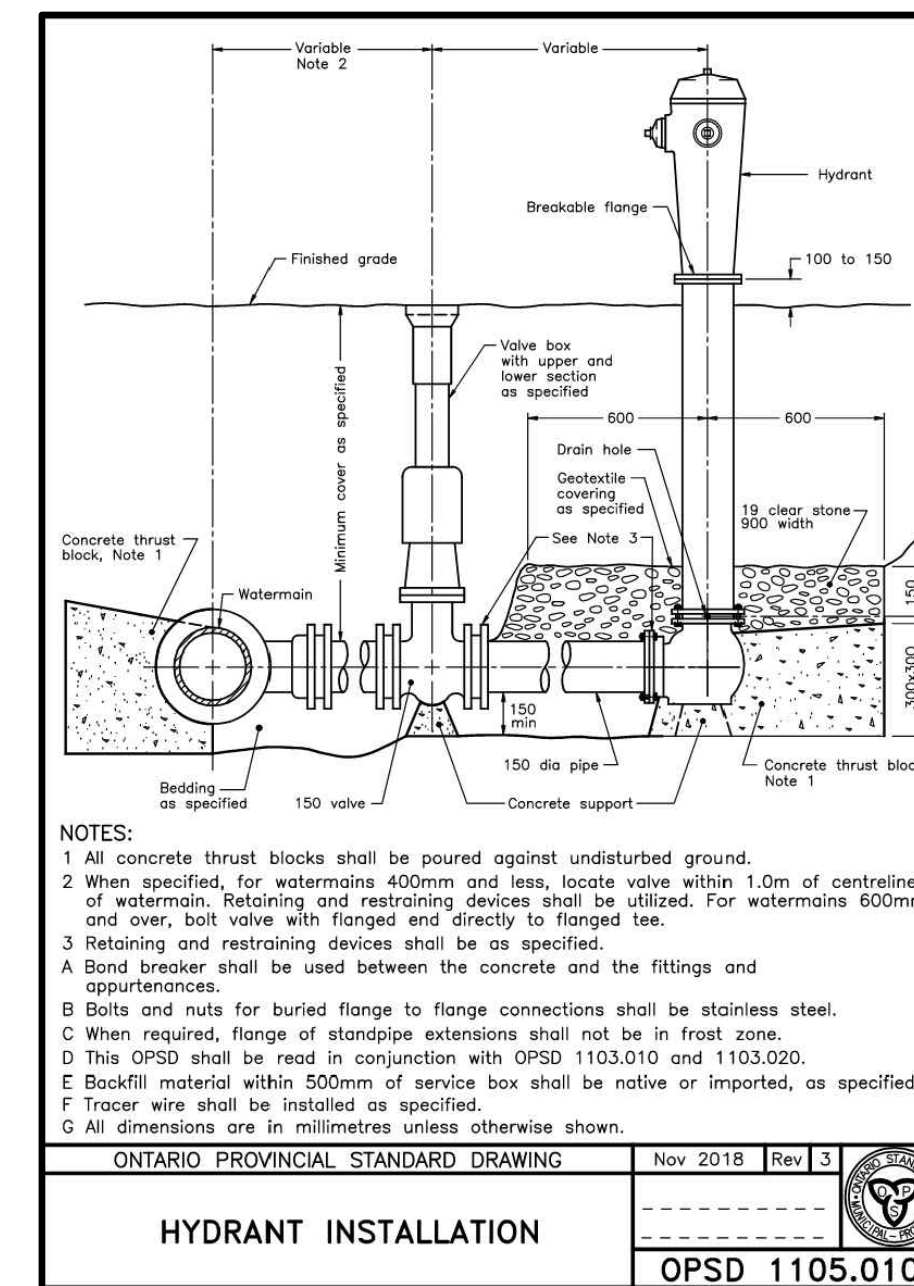
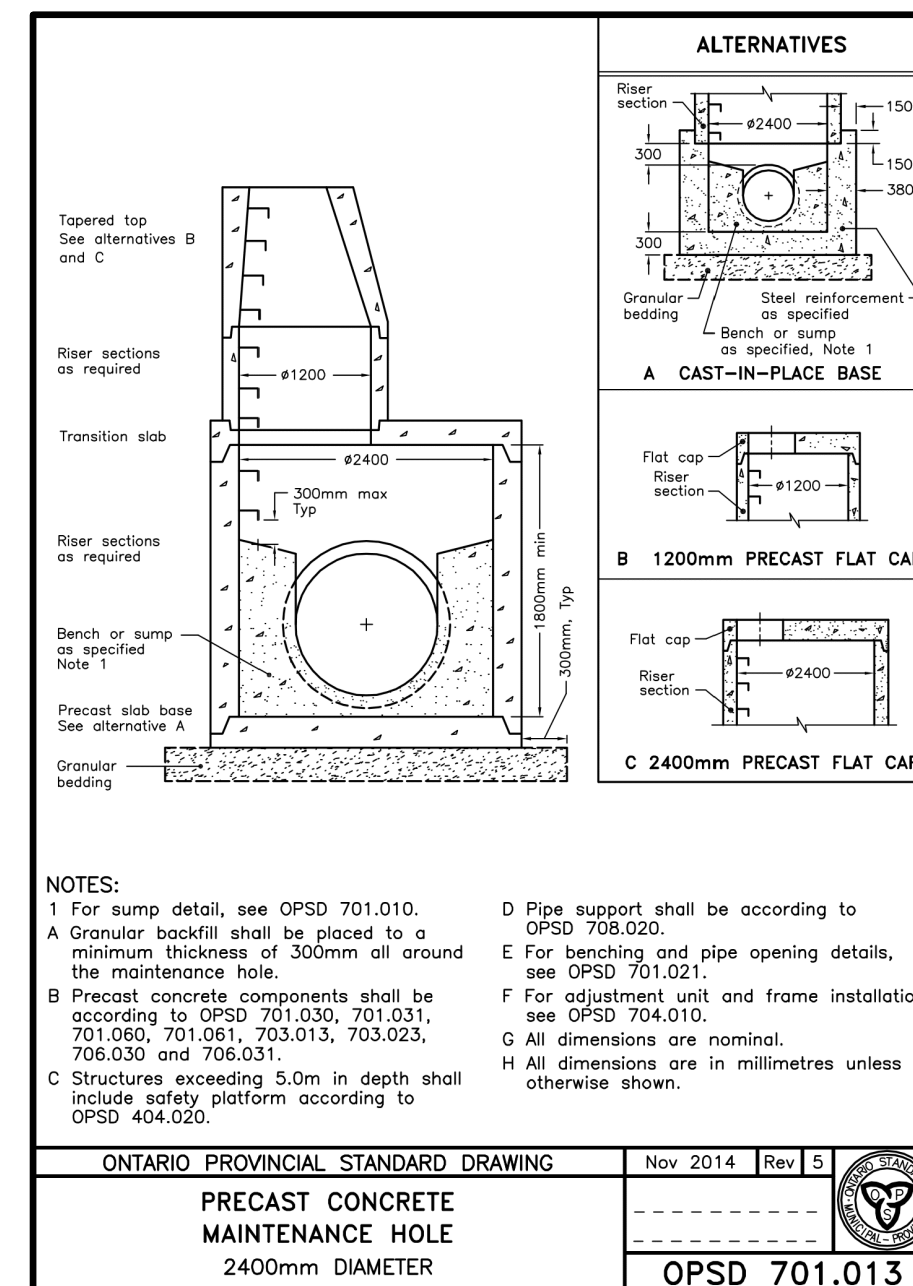
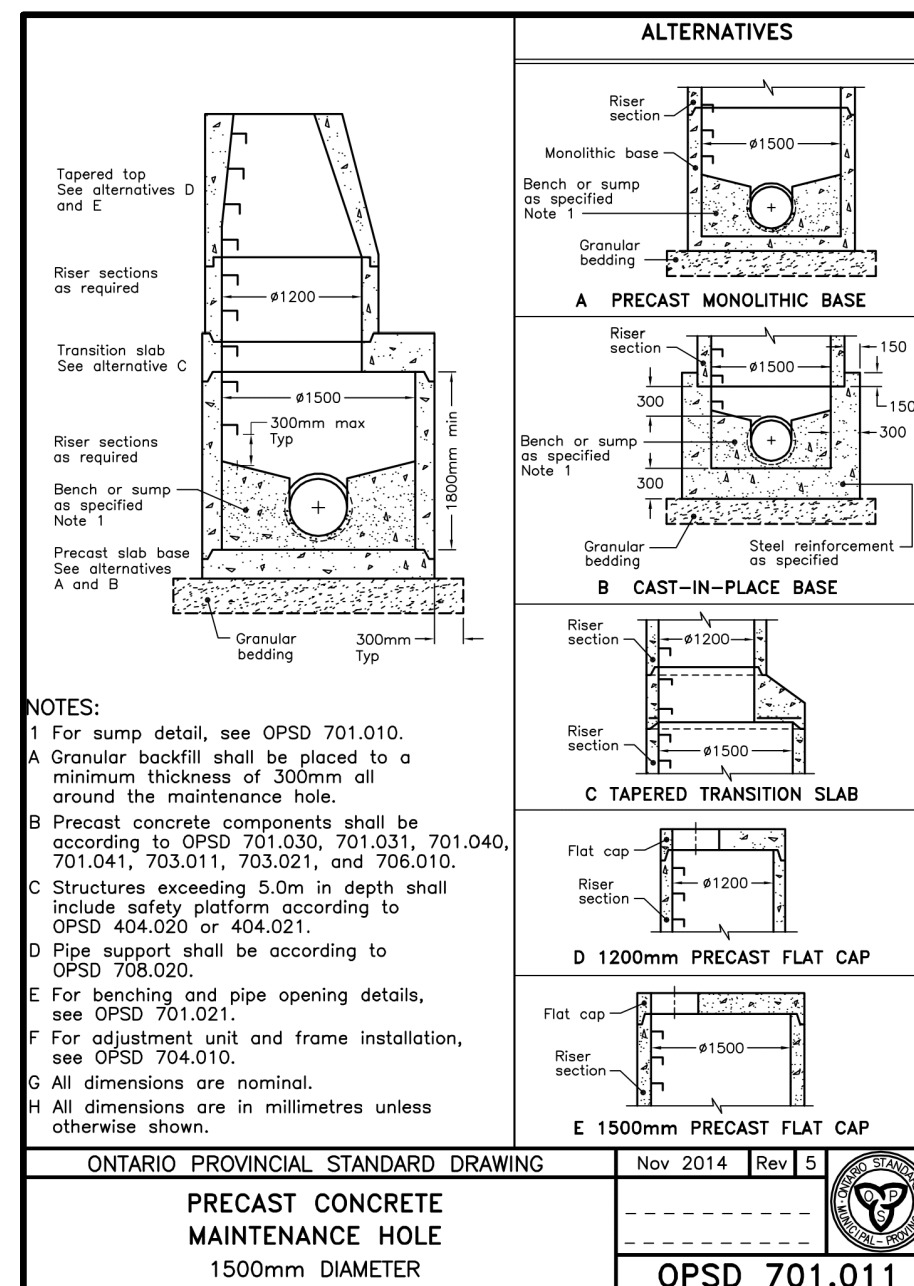
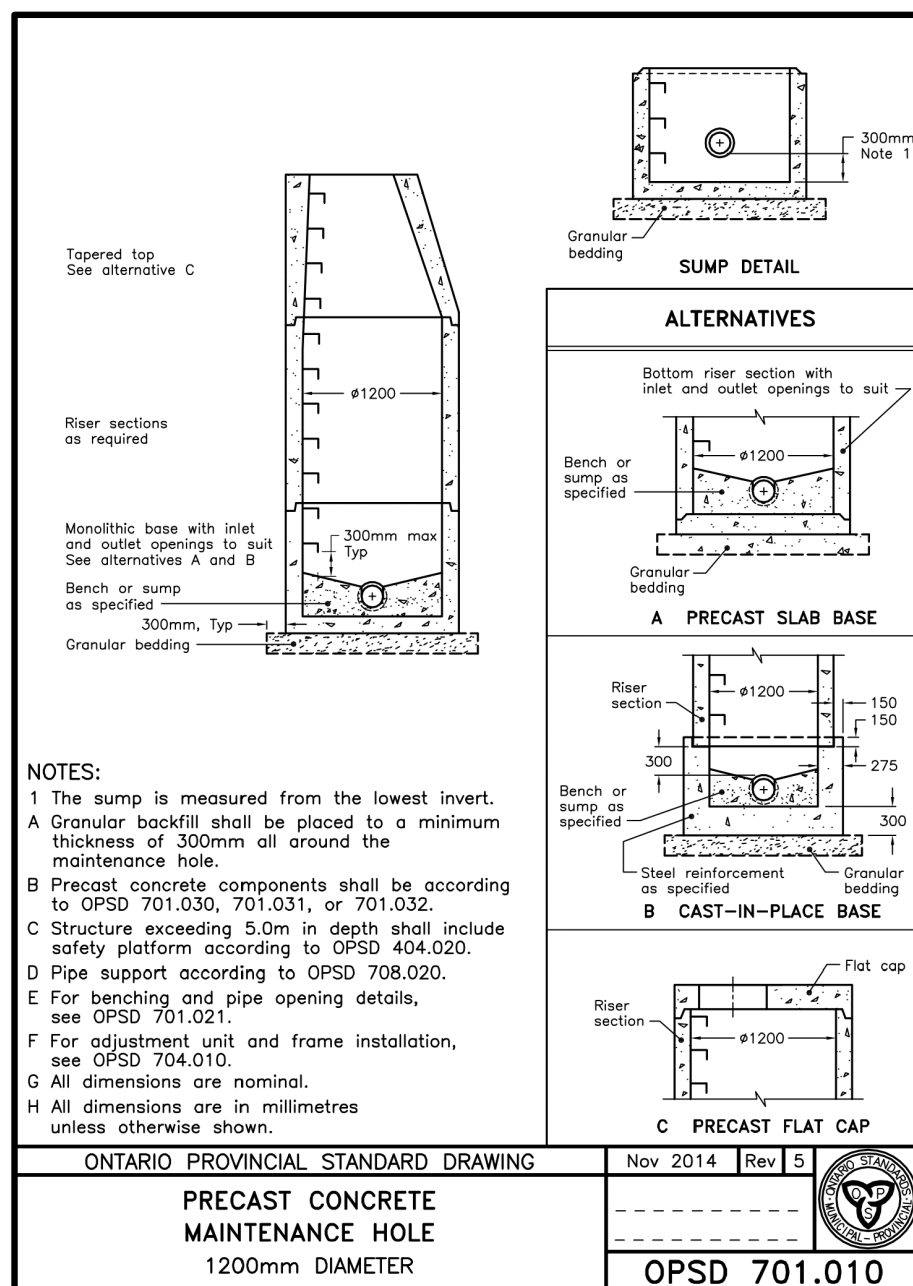
- NOTE:
- ASPHALT AND GRANULAR THICKNESS MAY VARY AS RECOMMENDED BY THE GEOTECHNICAL REPORT SUBJECT TO THE TOWN'S APPROVAL.
  - PER THINKING GREEN STANDARDS, 30% OR MORE RECYCLED/RECLAIMED MATERIALS MAY BE USED WITH THE PAVEMENT MAKE-UP SUBJECT TO THE GEOTECHNICAL ENGINEER'S APPROVAL.

3.3. CURBS:

- 3.4. INTERSECTIONS OF CURBS AND SIDEWALKS SHALL BE DEPRESSED, AS PER STANDARD OPSD 310.031.
- 3.5. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE REINSTATED TO ORIGINAL OR BETTER CONDITION.
- 3.6. SUB-DRAINS ARE TO BE INSTALLED THROUGHOUT UNLESS OTHERWISE APPROVED.
- 3.7. NO MANHOLE COVERS WILL BE PERMITTED TO BE CONSTRUCTED IN ANY PART OF THE SIDEWALK.
- 3.8. ALL NEW SIGNS WILL BE TYPE IV HIGH REFLECTIVITY SIGNS, MADE OF STEEL AND WILL INCLUDE THE TOWN NAME AND YEAR OF MANUFACTURE ON THE BORDER OF THE SIGN. SIGN RETRO-REFLECTIVITY IS DETERMINED USING MUTCD TABLE 2A.3 (THE STANDARDS IN THE OTM REFER TO NEW SIGN RETRO-REFLECTIVITY).

- 4.1. ALL CONCRETE PIPE SHALL HAVE SEALED JOINTS WITH GASKETS AND PIPE CLASS AS SHOWN ON DRAWINGS.
- 4.2. ALL PVC GRAVITY SEWER PIPE SHALL BE EQUAL TO ASTM SPEC. D-3034-C SDR-35 WITH "LOCK-IN" RUBBER SEALING RING.
- 4.3. MANHOLES:
  - 4.3.1. MANHOLES SHALL BE AS PER STANDARD DRAWINGS OPSD 701.010 TO 701.013. (INCLUSIVE).
  - 4.3.2. ALL STORM MANHOLES TO BE BENCH TO THE CROWN OF ALL PIPES ON A VERTICAL PROJECTION FROM SPRING LINE, AS PER STANDARD DRAWINGS, EXCEPT AS OTHERWISE NOTED.
  - 4.3.3. SEWER BEDDING SHALL BE TO STANDARD DRAWING OPSD 802.030. CLASS "B" BEDDING OR AS APPROVED BY THE TOWN.
- 4.4. CATCHBASINS:
  - 4.4.1. CATCHBASINS SHALL BE AS PER STANDARD DRAWINGS (OPSD 705.010).
  - 4.4.2. LEADS FOR A SINGLE CATCHBASIN SHALL BE 250mm AND FOR A DOUBLE CATCHBASIN 300mm.
  - 4.4.3. ALL CATCHBASINS SHALL BE CONNECTED TO THE STORM SEWER BY TEES WHERE POSSIBLE, STANDARD DRAWINGS OPSD 708.010 AND 708.030.
  - 4.4.4. ALL STORM OUTFALLS THAT EMPTY INTO A DITCH OR WATERCOURSE MUST BLEND WITH THE FLOW OF SAME.
- 4.5. ALL PVC JOINTS AT MANHOLES SHALL BE CONSTRUCTED BY MEANS OF A PVC MANHOLE ADAPTER.
- 4.6. STORM SERVICE CONNECTION SHALL BE 150 mm PVC, C/W 150 X 125 CLEANOUT AT PROPERTY LINE. SERVICES SHALL BE EXTENDED 1.5 M INSIDE THE PROPERTY LINE AND PLUGGED. PIPE TO BE WHITE IN COLOUR. ALL SERVICES TO BE MARKED WITH 50mm X 100mm X 2.4m STAKES, PAINTED WHITE FOR STORM.

5. WATERMAIN
  - 5.1. WATERMAIN PIPE SHALL BE PVC C900 (THICK WALL PIPE). PIPE IS TO BE WRAPPED WITH STRAND 14-GAUGE STRAND COPPER WIRE AND WIRE IS TO BE BROUGHT TO GRADE AT ALL MAINLINE VALVES AND HYDRANT SECONDARY VALVES, AND A HOLE DRILLED SIX INCHES (6") DOWN FROM UPPER SECTION AND WIRE INSERTED THROUGH THIS HOLE FOR PROTECTION. TOP OF WATERMAIN SHALL BE MINIMUM 1.7 M BELOW CENTRELINE OF ROAD GRADE. ALL SPLICES ARE TO BE DONE ABOVE GRADE OR USING A MOISTURE-PROOF SEAL.
  - 5.2. HYDRANTS AND VALVES SHALL BE PER TOWN STANDARDS DRAWING NO. OPSD 1105.010. ALL HYDRANTS ARE TO BE SELF-DRAINING (UNLESS IN AREAS WITH HIGH WATER TABLE). ALL HYDRANTS ARE TO BE EQUIPPED WITH ONE (1) FOUR-INCH (4") PUMPER PORT WITH MANUFACTURER'S 'STORTZ' FITTING. TOWN APPROVED HYDRANTS ARE CANADA VALVE (CANVAL) - ONLY.
- 5.3. SERVICES:
  - 5.3.1. RESIDENTIAL SERVICES SHALL BE 19mm, TYPE "K" COPPER, AS PER STANDARD DRAWING OPSD 1104.010 AND HAVE A MINIMUM COVER OF 1.6m.
  - 5.3.2. ALL SERVICES SHALL BE SINGLE SERVICES TO THE MIDDLE OF THE LOT.
  - 5.3.3. ALL SERVICE CONNECTION STUBS SHALL BE MARKED WITH 50mm X 100mm X 2.4m STAKES, PAINTED BLUE FOR WATER.
  - 5.3.4. ALL CURB STOPS, MAIN STOPS AND COUPLINGS ARE TO BE COMPRESSION-TYPE FITTINGS, I.E. CAMBRIDGE SUCCESSOR BALL VALVE TYPE, WHICH MUST BE APPROVED BY THE TOWN C/W STAINLESS STEEL RODS AND BRASS PIN.
  - 5.3.5. ALL BENDS AND TEES SHALL BE OPSD 1103.01 AND 1103.02 AND BLOCKED TO UNDISTURBED GROUND.
  - 5.3.6. WHERE THE TOWN APPROVES WATERMAIN CONSTRUCTION WITH LESS THAN THE ABOVE NOTED MINIMUM COVER, THE WATERMAIN SHALL BE INSULATED TO THE TOWN'S SATISFACTION.
  - 5.3.7. ALL MECHANICAL CONNECTIONS SHALL BE PROTECTED AGAINST CORROSION THROUGH THE USE OF CORROSION PROTECTION NUTS. NUTS SHALL BE USED ON 50% OF ALL T-BOLTS PER CONNECTION AND ARE TO BE USED IN ADDITION TO STANDARD FASTENING NUTS, NOT IN PLACE OF STANDARD NUTS.
- 5.4. SANITARY SEWERS
  - 5.4.1. ALL PVC GRAVITY SEWER PIPE SHALL BE EQUAL TO A.S.T.M. SPECIFICATIONS D-3034-77C WITH "LOCK-IN" RUBBER SEALING RING.
  - 5.4.2. ALL HOUSE SERVICES SHALL BE CONNECTED TO SEWER TEES. PIPE: 125mm PVC, C/W 125 X 100 PVC WATER TIGHT CLEANOUT AT PROPERTY LINE. SERVICES SHALL BE EXTENDED 1.5 M INSIDE THE PROPERTY LINE AND PLUGGED. PIPE TO BE GREEN IN COLOUR. ALL SERVICES TO BE MARKED WITH 50mm X 100mm X 2.4m STAKES, PAINTED GREEN FOR SANITARY.
  - 5.4.3. ALL SEWER CONNECTIONS TO MANHOLES SHALL BE CONSTRUCTED BY MEANS OF A PVC MANHOLE ADAPTER.
  - 5.4.4. THE BEDDING MATERIAL SHALL EXTEND TO 300mm ABOVE THE PIPE AND COMPACTION TESTS ARE REQUIRED BEFORE THE TRENCH IS BACKFILLED. BACKFILL SHALL BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR DENSITY.
  - 5.4.5. MANHOLES:
    - 5.4.5.1. MANHOLES SHALL BE TO STANDARD DRAWINGS OPSD 701.010 TO 701.013 (INCLUSIVE).
    - 5.4.5.2. ALL SANITARY MANHOLES SHALL BE BENCH THROUGHOUT TO THE SPRING LINE, AS PER STANDARD DRAWINGS, EXCEPT AS OTHERWISE NOTED.
    - 5.4.5.3. ALL SANITARY MANHOLES SHALL HAVE MONOLITHIC PRE-BENCHED BASES WITH PRE-MANUFACTURED CONNECTIONS.
    - 5.4.5.4. ALL SANITARY MANHOLES CONSTRUCTED IN THE VICINITY OF LOW POINTS OR OUTSIDE OF THE PAVED ROADWAY SHALL HAVE WATERTIGHT COVERS. ALL MANHOLES LOCATED IN CUL-DE-SACS SHALL HAVE WATERTIGHT COVERS.
  - 5.4.6. SANITARY SEWER BEDDING SHALL BE TO STANDARD DRAWING OPSD 802.030. CLASS "B" (UNLESS OTHERWISE NOTED AND APPROVED).
  - 5.4.7. LATERALS - ALL LATERALS SHALL BE CONSTRUCTED ACCORDING TO STANDARD DRAWING OPSD 1006.010.



LEGEND

Symbol	Description
[Symbol]	Subject Site
[Symbol]	Green Lane
[Symbol]	Spring Lane
[Symbol]	Highway 404

LIST OF DRAWINGS

NO.	DATE	ISSUE/REVISION	INITIAL
1	2024/10/25	ISSUED FOR SPA SUBMISSION	TVL

SITE PLAN INFORMATION

WARE MALCOLM ARCHITECTS INC.  
30 ADRIAN STREET E. SUITE 1254  
TORONTO, ON M5C 2C5  
PHONE: (905) 896-0600  
FAX: (905) 896-7127  
WEBSITE: www.aramanlimited.ca

SURVEYOR INFORMATION

E.R. GARDEN LIMITED  
ONTARIO LAND SURVEYOR  
1260 JOURNEYS END CIRCLE, UNIT 1,  
NEWMARKET, ON L3Y 6Z7  
PHONE: (905) 896-0600  
FAX: (905) 896-7127  
WEBSITE: www.aramanlimited.ca

BENCHMARK INFORMATION:

ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM TOWN OF NEWMARKET BENCHMARK 1095 HAVING AN ELEVATION 273.91 METRES A.S.L.

5			
4			
3			
2			
1	2024/10/25	ISSUED FOR SPA SUBMISSION	TVL

TOWN OF EAST GWILLIMBURY YORK REGION

NEWROADS - TOYOTA  
NEWROADS AUTOMOTIVE GROUP  
1656 GREEN LANE EAST  
TOWN OF EAST GWILLIMBURY, ONTARIO

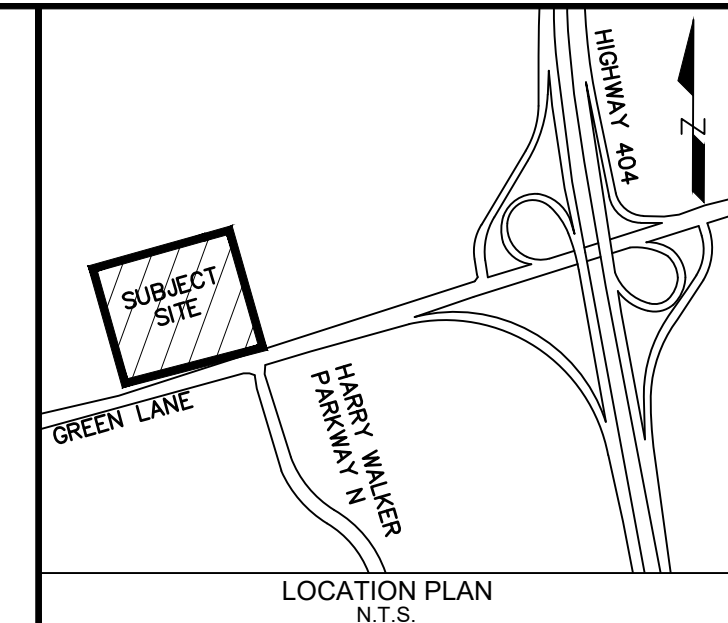
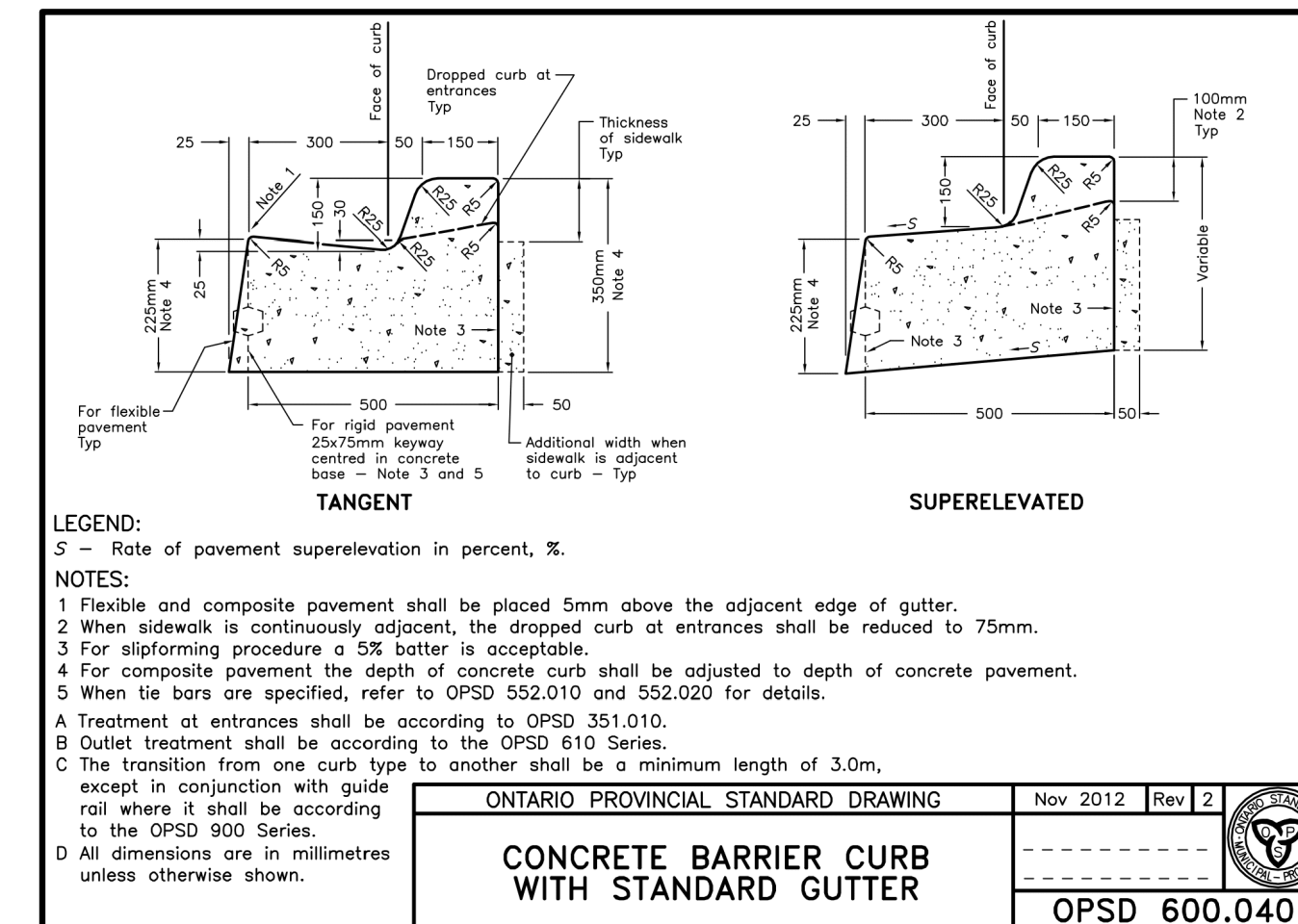
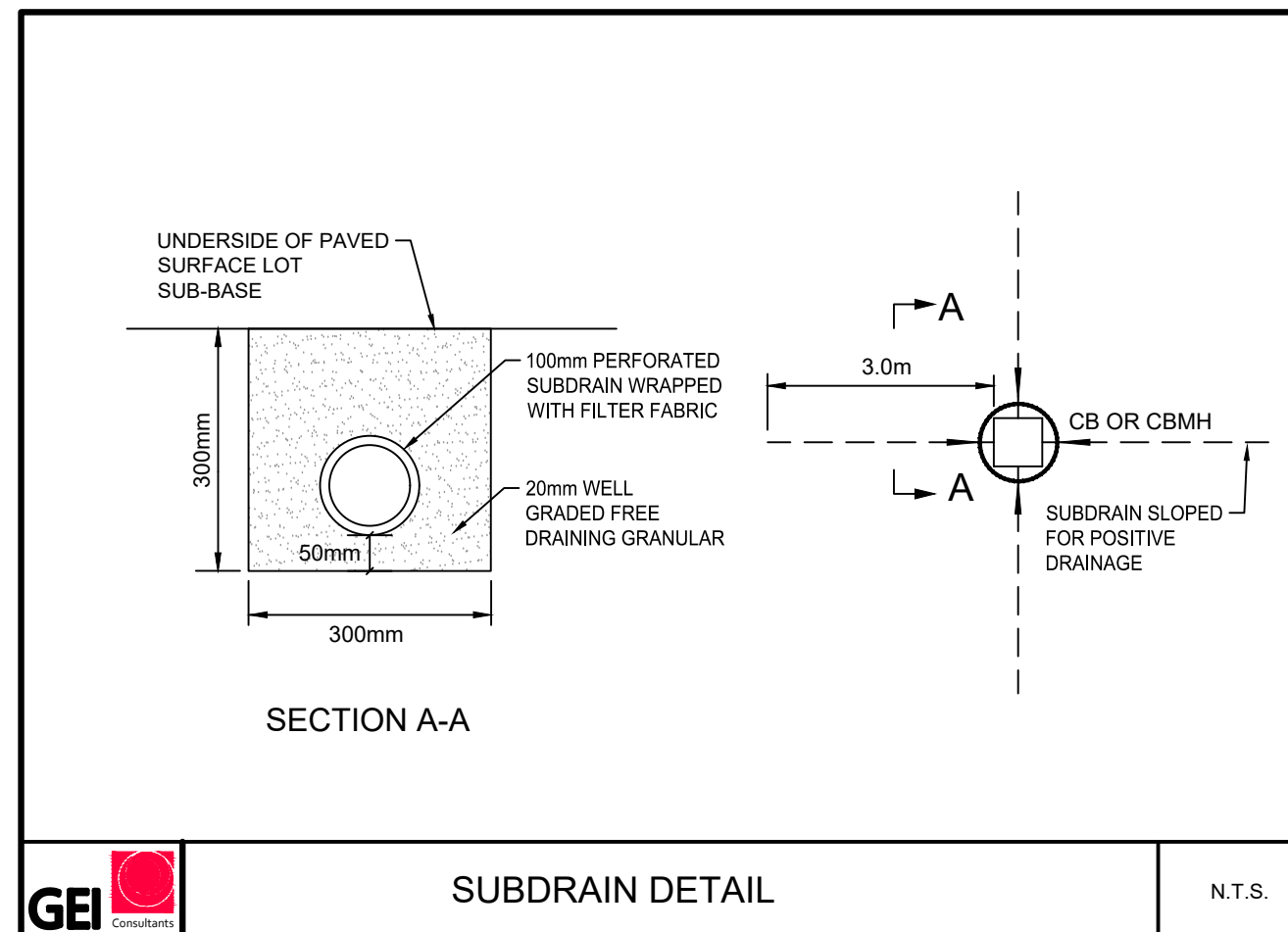
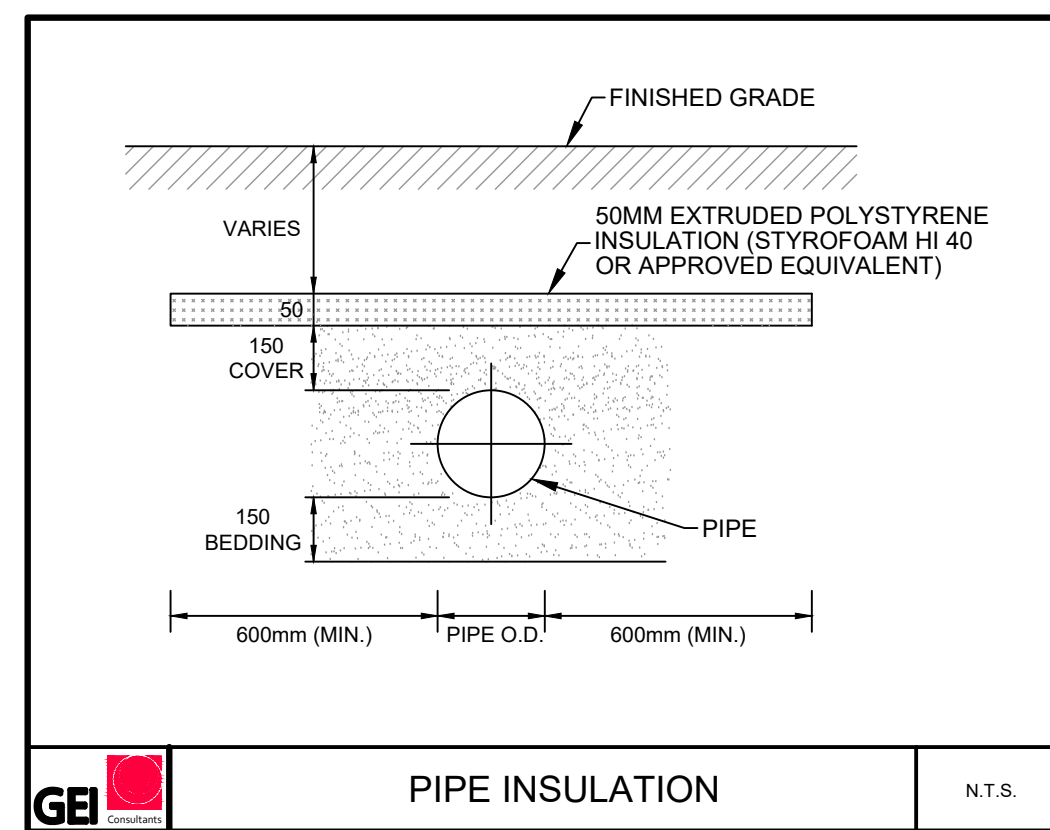
DETAIL DRAWING

DESIGNED BY: PS DATE: OCTOBER, 2024 CHECKED BY: TVL

DRAWN BY: PS PROJECT No. DRAWING No.

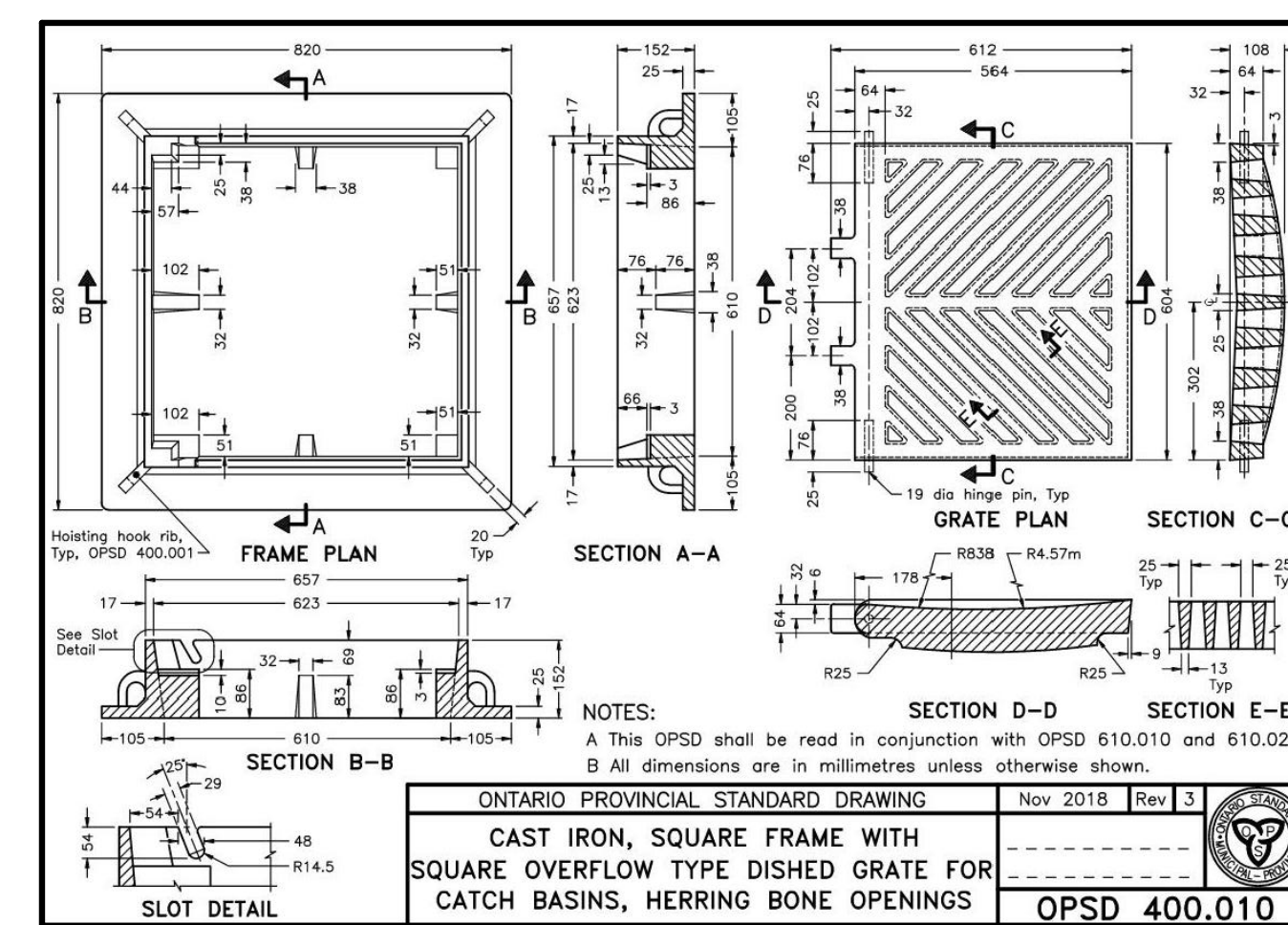
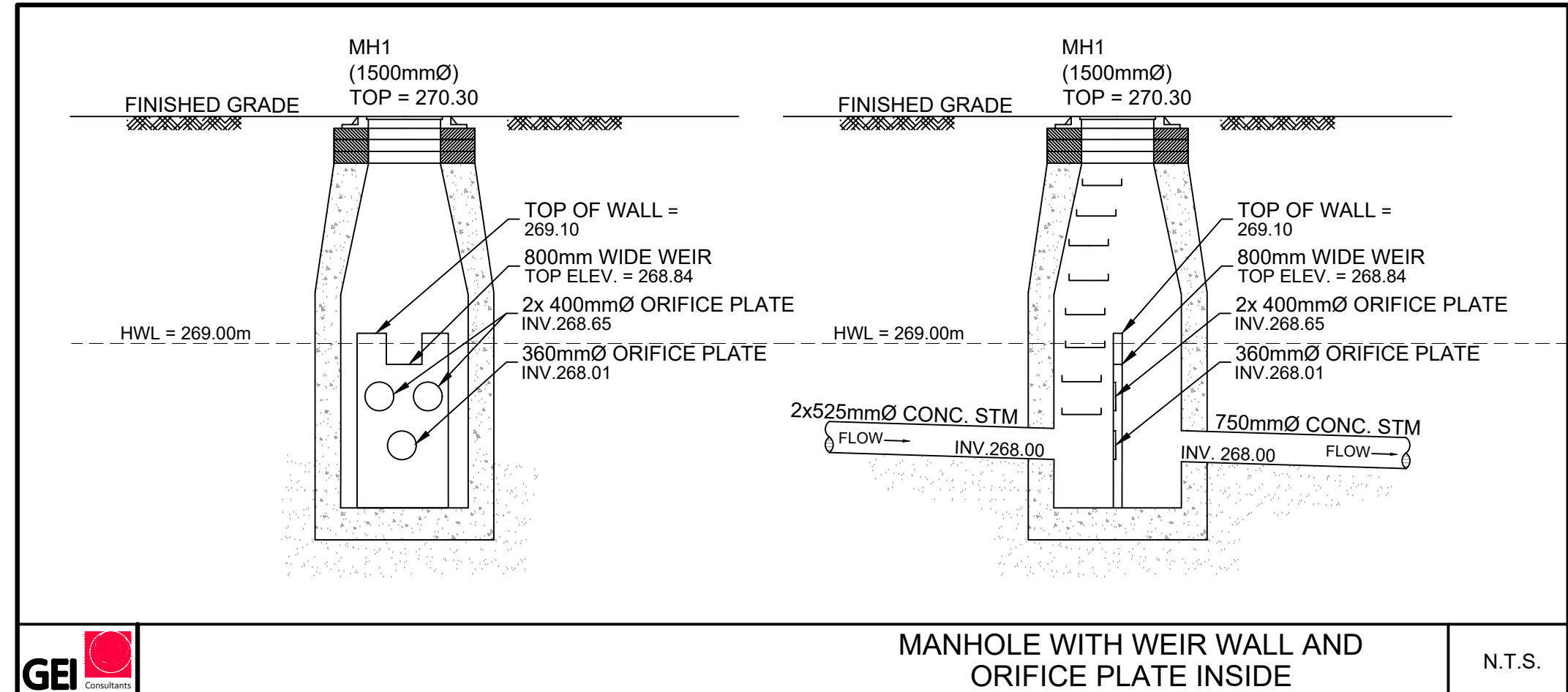
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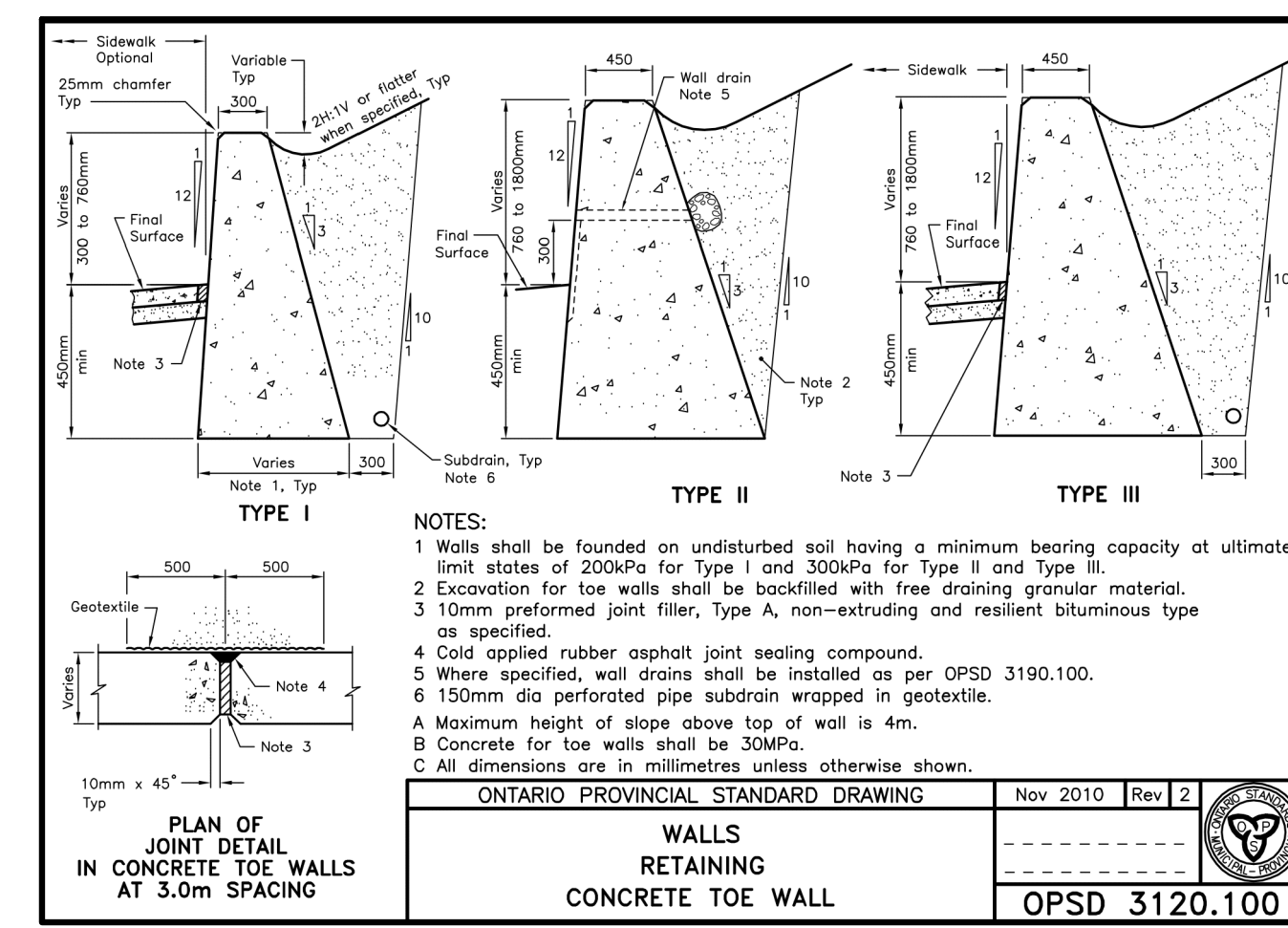
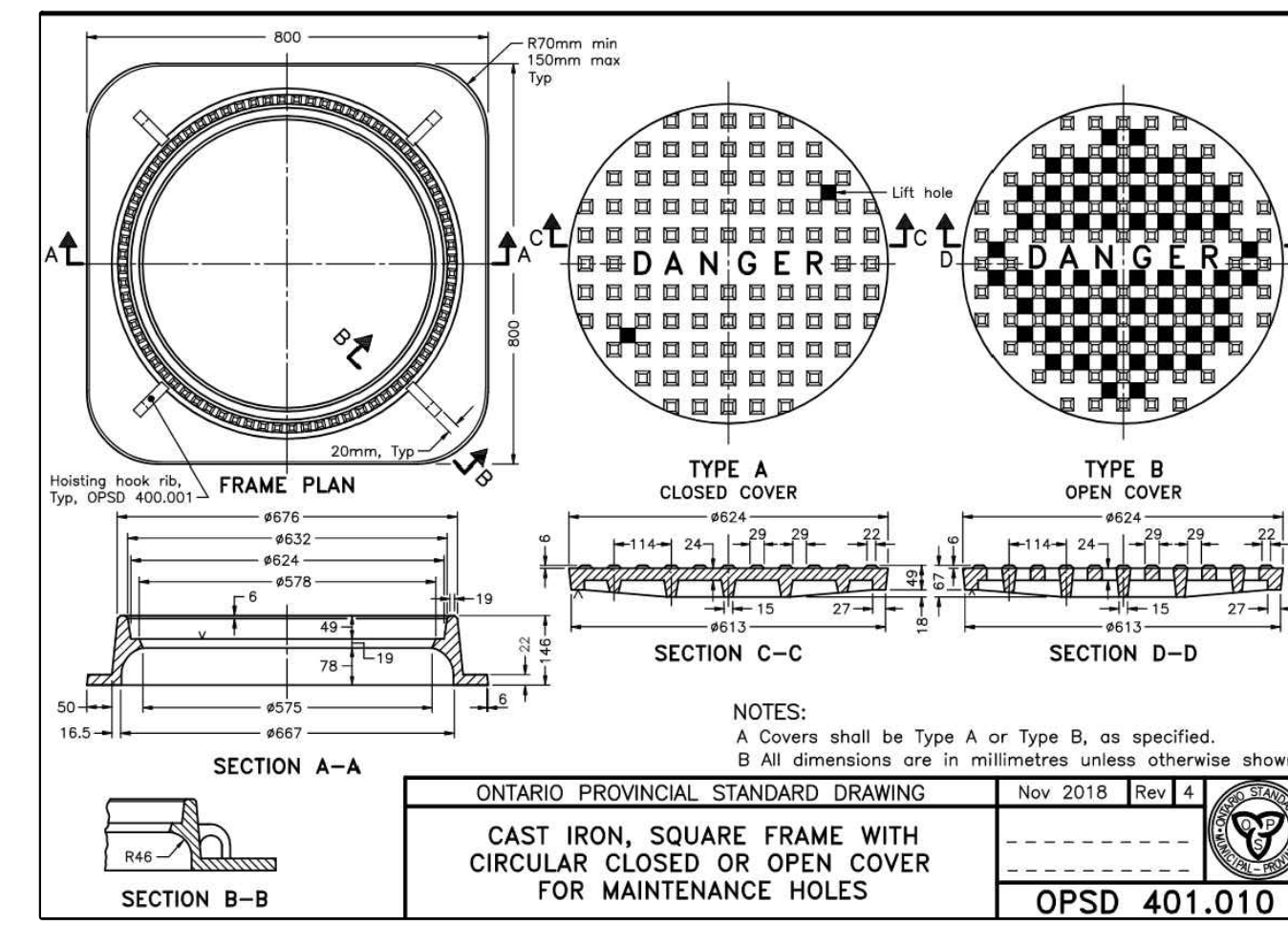
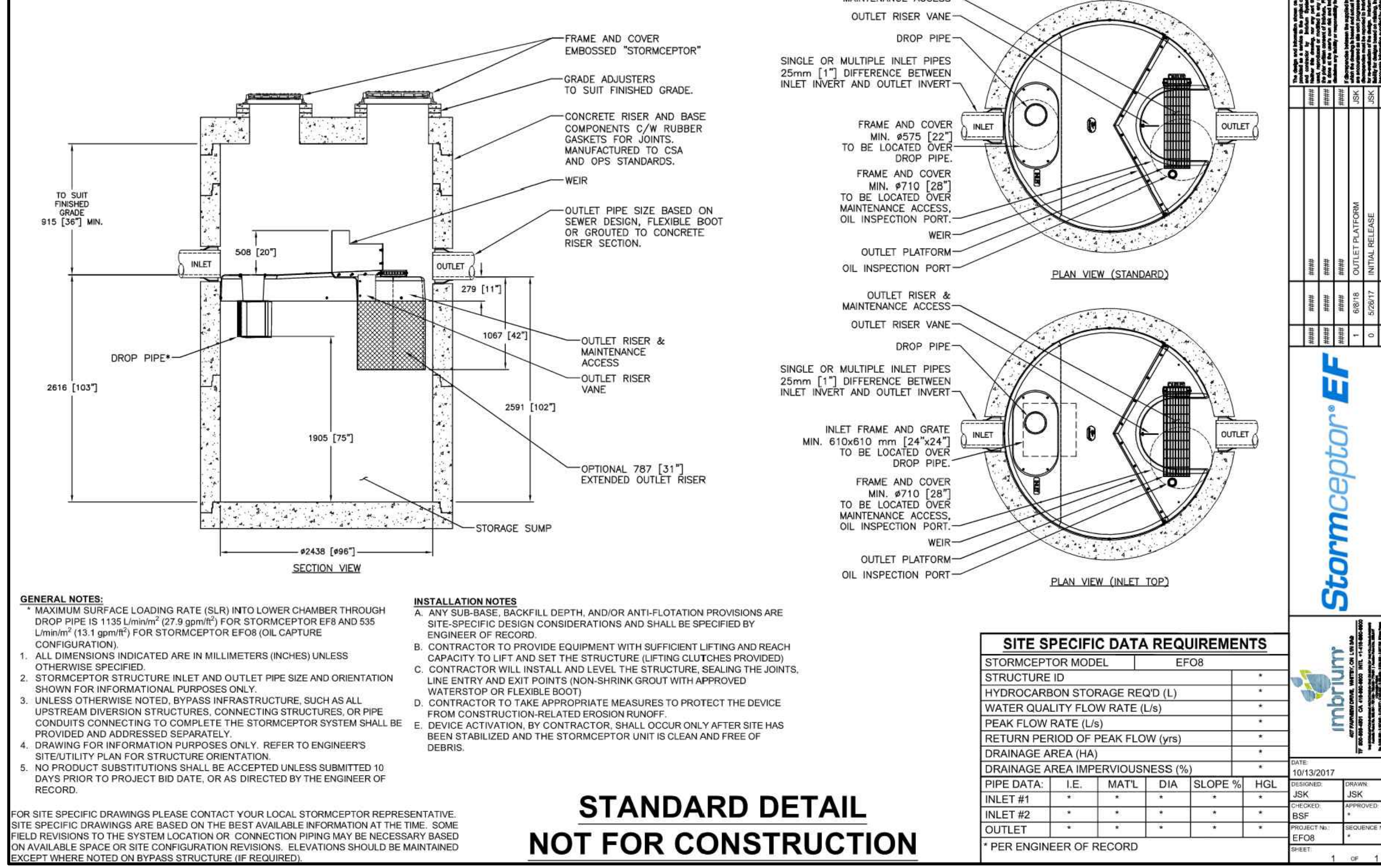


**LEGEND**

ONTARIO PROVINCIAL STANDARD DRAWING  
**CONCRETE BARRIER CURB WITH STANDARD GUTTER**  
Nov 2012 | Rev 2  
OPSD 600.040



**DRAWING NOT TO BE USED FOR CONSTRUCTION**



**LIST OF DRAWINGS**

SG-01 - SITE GRADING PLAN	E.R. GARDEN LIMITED
SS-01 - SITE SERVICING PLAN	ONTARIO LAND SURVEYOR
EC-01 - EROSION AND SEDIMENT CONTROL PLAN	1200 JOURNEYS END CIRCLE, UNIT 1,
XS-01 - CROSS SECTIONS	NEWMARKET, ON L3Y 6Z7
DD-01 - DETAIL DRAWING	PHONE: (905) 896-6000
DD-02 - DETAIL DRAWING	FAX: (905) 895-7127
DD-03 - DETAIL DRAWING	WEBSITE: www.argardenlimited.ca

**SITE PLAN INFORMATION**

WARE MALCOMB ARCHITECTS INC.  
30 ADLAIRES STREET E. SUITE 1254  
TORONTO, ON M5C 2C5  
PHONE: (437) 537-6700

**SURVEYOR INFORMATION**

E.R. GARDEN LIMITED  
ONTARIO LAND SURVEYOR  
1200 JOURNEYS END CIRCLE, UNIT 1,  
NEWMARKET, ON L3Y 6Z7  
PHONE: (905) 896-6000  
FAX: (905) 895-7127  
WEBSITE: www.argardenlimited.ca

**BENCHMARK INFORMATION:**  
ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM TOWN OF NEWMARKET BENCHMARK 1095 HAVING AN ELEVATION 273.91 METRES A.S.L.

No.	DATE	ISSUE/REVISION	INITIAL
1	2024/10/25	ISSUED FOR SPA SUBMISSION	T.V.L.



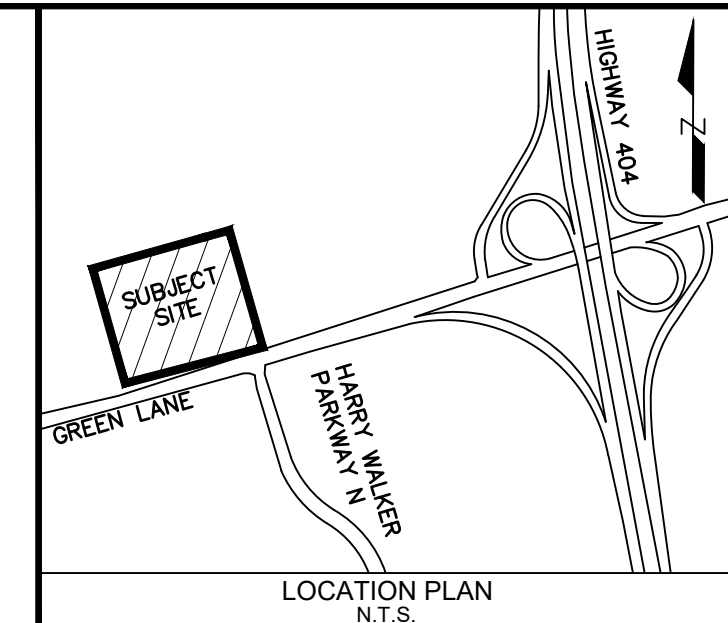
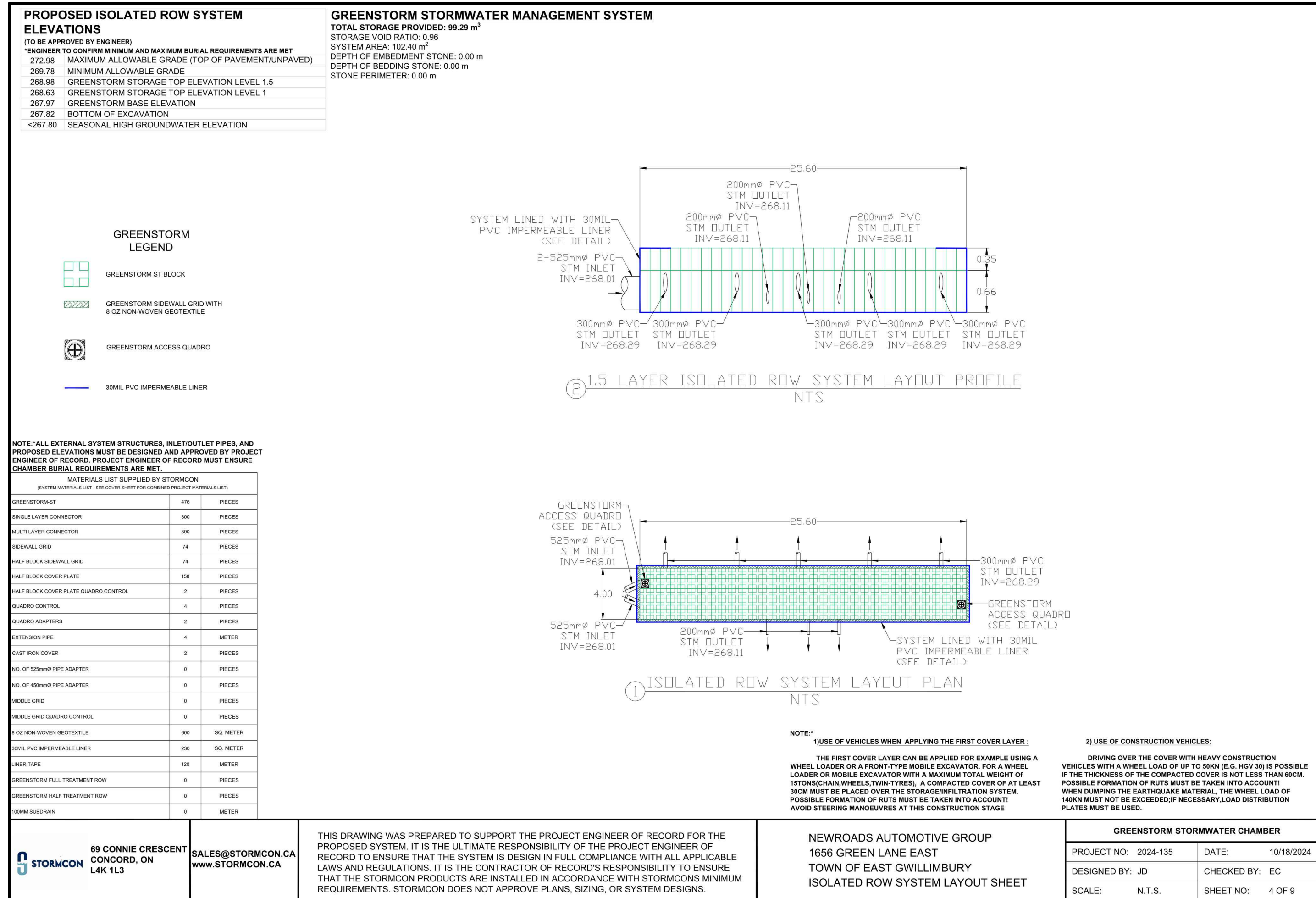
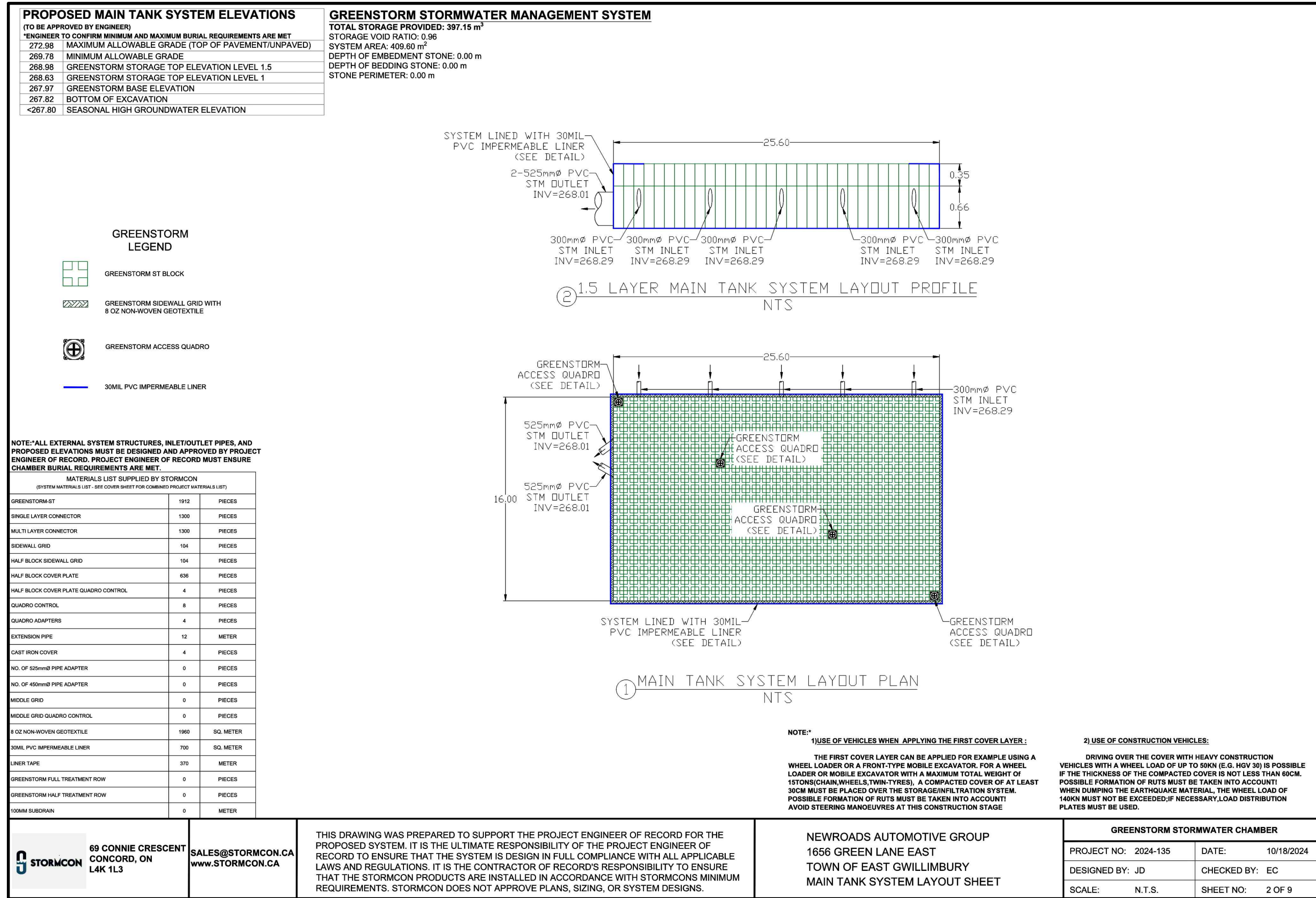
**TOWN OF EAST GWILLIMBURY YORK REGION**  
NEWROADS - TOYOTA  
NEWROADS AUTOMOTIVE GROUP  
1656 GREEN LANE EAST  
TOWN OF EAST GWILLIMBURY, ONTARIO



**DESIGNED BY:** PS  
**DATE:** OCTOBER, 2024  
**CHECKED BY:** T.V.L.

**DRAWN BY:** PS  
**PROJECT No.:** 2406541  
**DRAWING No.:** DD-02

**SCALE:**



### LEGEND

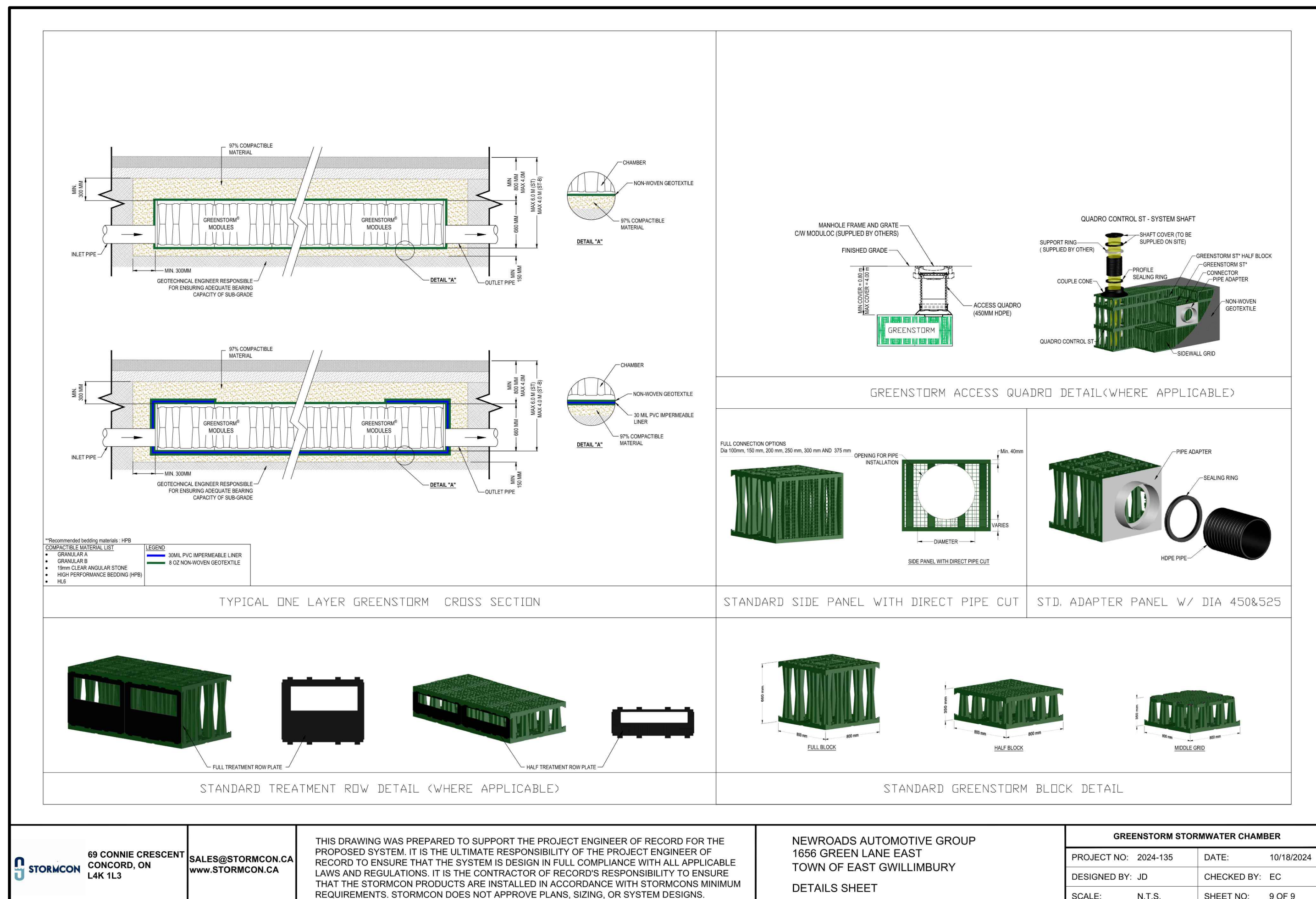
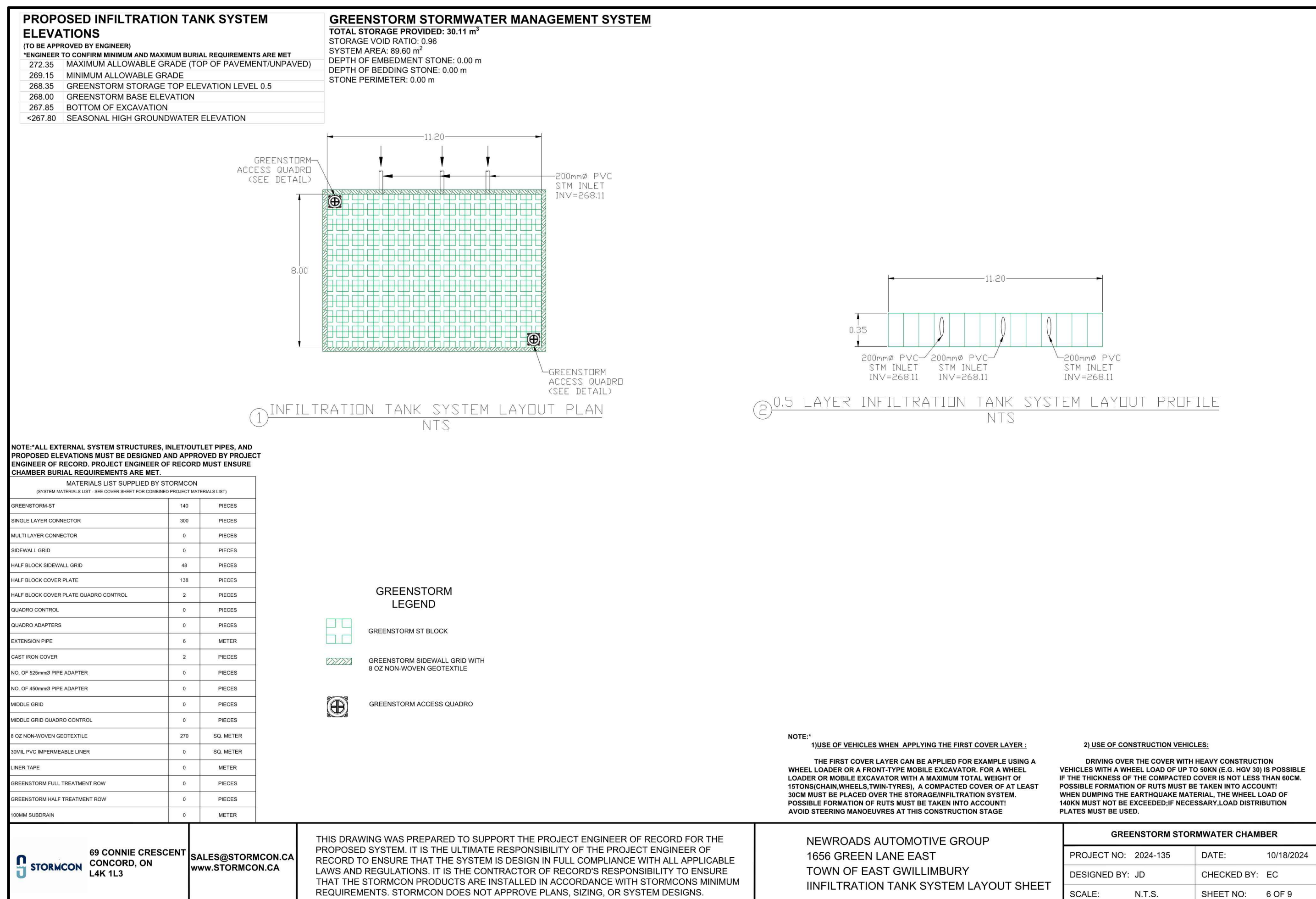
69 CONNIE CRESCENT  
 CONCORD, ON  
 L4K 1L3

SALES@STORMCON.CA  
 WWW.STORMCON.CA

NEWROADS AUTOMOTIVE GROUP  
 1656 GREEN LANE EAST  
 TOWN OF EAST GWILLIMBURY

GREENSTORM STORMWATER CHAMBER

PROJECT NO: 2024-135 DATE: 10/18/2024  
 DESIGNED BY: JD CHECKED BY: EC  
 SCALE: N.T.S. SHEET NO: 4 OF 9



### LIST OF DRAWINGS

NO.	DATE	ISSUE/REVISION	INITIAL
5			
4			
3			
2			
1	2024/10/25	ISSUED FOR SPA SUBMISSION	TVL

### SITE PLAN INFORMATION

WARE MALCOMB ARCHITECTS INC.  
 30 ADLAI STREET E. SUITE 1254  
 TORONTO, ON M5C 2C5  
 PHONE: (437) 537-6700

### SURVEYOR INFORMATION

E.R. GARDEN LIMITED  
 ONTARIO LAND SURVEYOR  
 1260 JOURNEYS END CIRCLE, UNIT 1,  
 NEWMARKET, ON L3Y 6Z7  
 PHONE: (905) 896-6000  
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 WEBSITE: www.ergardenlimited.ca

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### TOWN OF EAST GWILLIMBURY YORK REGION

NEWROADS - TOYOTA  
 NEWROADS AUTOMOTIVE GROUP  
 1656 GREEN LANE EAST  
 TOWN OF EAST GWILLIMBURY, ONTARIO

### DETAIL DRAWING

GEI Consultants

DESIGNED BY: PS DATE: OCTOBER, 2024 CHECKED BY: TVL  
 DRAWN BY: PS PROJECT No: 2406541 DRAWING No: DD-03  
 SCALE: