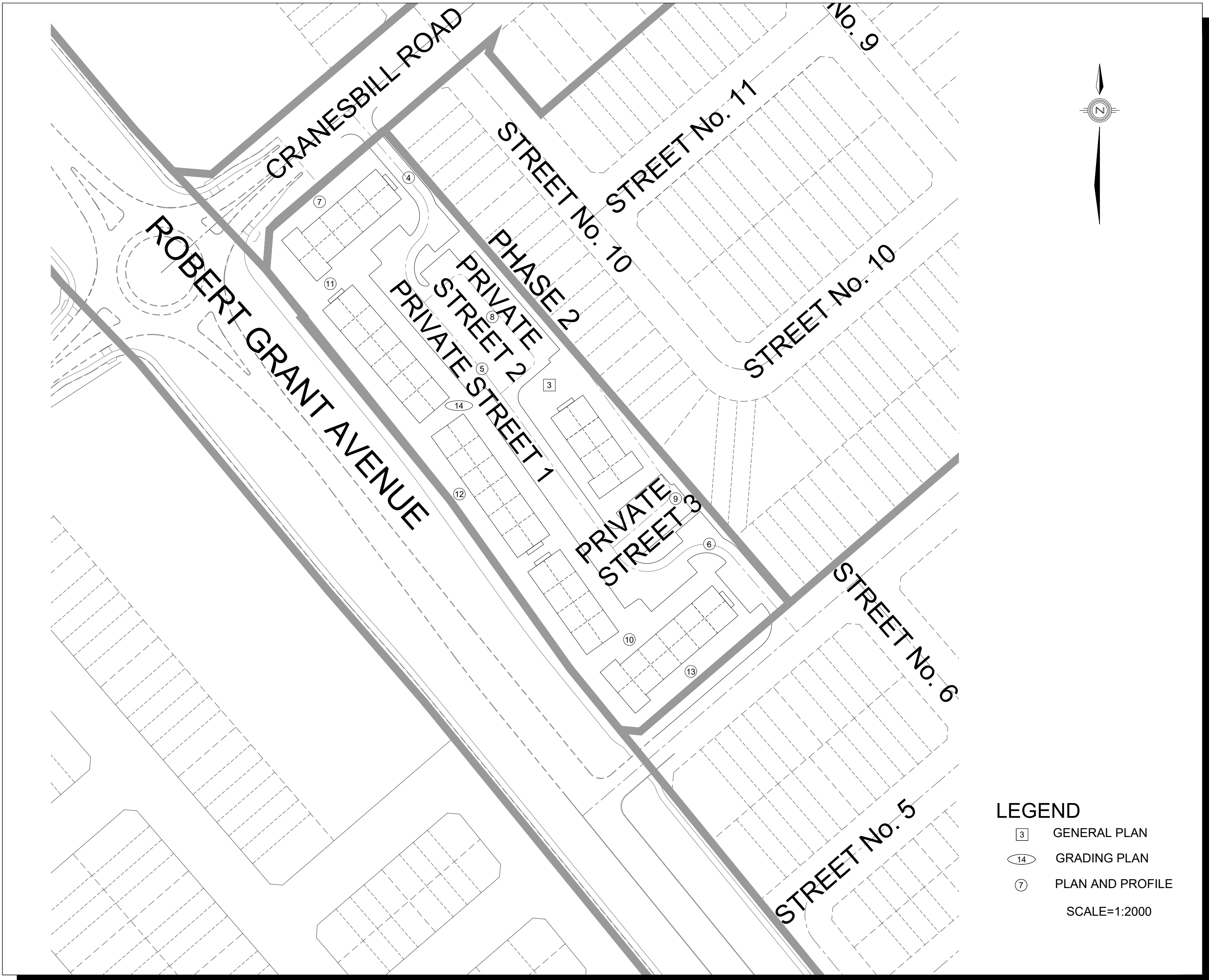


ABBOTT'S RUN BLOCK 13 SITE PLAN

Sheet List Table				
No.	REVISION No.	REVISION DATE	DRAWINGS	DESCRIPTION
0	01	2025-06-20	TITLE PAGE	
1	01	2025-06-20	GENERAL NOTES	
2	01	2025-06-20	DETAILS AND TABLE	
3	01	2025-06-20	GENERAL PLAN	
4	01	2025-06-20	Private Street 1	STA. 0+--10.000 TO STA. 0+75.216
5	01	2025-06-20	Private Street 1	STA. 0+75.216 TO STA. 0+189.408
6	01	2025-06-20	Private Street 1	STA. 0+189.408 TO STA. 0+275.855
7	01	2025-06-20	Servicing Block 2	STA. 0+--10.000 TO STA. 0+84.534
8	01	2025-06-20	Private Street 2	STA. 0+--10.000 TO STA. 0+81.173
9	01	2025-06-20	Private Street 3	STA. 0+--10.000 TO STA. 0+89.270
10	01	2025-06-20	Servicing Block 3	STA. 0+--10.000 TO STA. 0+54.839
11	01	2025-06-20	Servicing Block 1	STA. 0+--10.000 TO STA. 0+78.739
12	01	2025-06-20	Servicing Block 1	STA. 0+78.739 TO STA. 0+218.759
13	01	2025-06-20	Servicing Block 1	STA. 0+218.759 TO STA. 0+307.206
14	01	2025-06-20	GRADING PLAN	
15	01	2025-06-20	SANITARY DRAINAGE PLAN	
16	01	2025-06-20	STORM DRAINAGE PLAN	
17	01	2025-06-20	PONDING PLAN	
18	01	2025-06-20	EROSION AND SEDIMENT CONTROL PLAN STAGE 1	
19	01	2025-06-20	EROSION AND SEDIMENT CONTROL PLAN STAGE 2	



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PROJECT No. 24-1403

CITY OF OTTAWA

MINTO GROUP

GENERAL NOTES:

- ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS), AS AMENDED BY THE CITY OF OTTAWA.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
- ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
- RELOCATION OF EXISTING SERVICES AND/OR UTILITIES SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER AT THE EXPENSE OF THE DEVELOPER.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST AMENDMENT).
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS PRIOR WRITTEN APPROVAL BY THE DIRECTOR OF ENGINEERING HAS BEEN OBTAINED.
- ALL SEWERS CONSTRUCTED WITH GRADES 0.50% OR LESS, SHALL BE INSTALLED WITH LASER AND CHECKED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH, AS SPECIFIED BY OPSD, IS EXCEEDED.
- ALL PIPE / CULVERT / SECTION SIZES REFER TO INSIDE DIMENSIONS.
- SHOULD DEEPLY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY.
- STREET LIGHTING TO CITY OF OTTAWA STANDARDS.
- ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.
- CONTRACTOR SHALL PERFORM LEAKAGE TESTING, IN THE PRESENCE OF THE CONSULTANT, FOR SANITARY SEWERS IN ACCORDANCE WITH OPSS 410 AND OPSS 407. CONTRACTOR SHALL PERFORM VIDEO INSPECTION OF ALL STORM AND SANITARY SEWERS. A COPY OF THE VIDEO AND INSPECTION REPORT SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW.
- THE CLAY SEALS TO BE INSTALLED AS PER CITY STANDARD DRAWING NO. S8. THE SEALS SHOULD BE AT LEAST 1.5m LONG (IN THE TRENCH DIRECTION) AND SHOULD EXTEND FROM TRENCH WALL TO TRENCH WALL. GENERALLY, THE SEALS SHOULD EXTEND FROM THE FROST LINE AND FULLY PENETRATE THE BEDDING, SUBBEDDING AND COVER MATERIAL. THE BARRIERS SHOULD CONSIST OF RELATIVELY DRY AND COMPACTABLE BROWN SILTY CLAY PLACED IN MAXIMUM 225mm THICK LOOSE LAYERS COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S SPMD. THE CLAY SEALS SHOULD BE PLACED AT THE SITE BOUNDARIES AND AT STRATEGIC LOCATIONS AT NO MORE THAN 60m INTERVALS IN THE SERVICE TRENCHES.
- ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT P66165-1, REVISION 1, DATED OCTOBER 7, 2022, PREPARED BY PATERSON GROUP INC.
- SLEEVES SHALL BE USED FOR HOUSE CONNECTIONS INSTALLED UNDER GARAGES. HOUSE CONNECTIONS UNDER GARAGES ARE ON AN EXCEPTION BASIS ONLY.

STORM NOTES:

- ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH CSA A257.2 (LATEST AMENDMENT). ALL NON-REINFORCED CONCRETE STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH CSA A257.1 (LATEST AMENDMENT). PIPE SHALL BE JOINTED WITH STD. RUBBER GASKETS AS PER CSA A257.3 (LATEST AMENDMENT).
- ALL STORM SEWER TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. S6 AND S7 CLASS 'B' UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- ALL PVC STORM SEWERS ARE TO BE SDR 35 APPROVED PER C.S.A. B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE SPECIFIED.
- ALL STORM LATERALS SHALL BE PVC SDR 28, WHITE IN COLOR AND MARKED WITH A 50mm x 100mm WOODEN MARKER EXTENDING FROM THE INVERT TO 1.0m ABOVE GRADE. PAINTED GREEN. HOUSE CONNECTIONS SHALL BE 2.0 m MIN. BELOW FINISHED GRADE AT STREET LINE WHERE POSSIBLE. SINGLE CONNECTIONS SHALL BE 100mm DIA..
- STORM MANHOLE FRAME AND COVERS SHALL BE AS PER CITY OF OTTAWA STD. S24.1 AND S25.
- SAFETY PLATFORMS SHALL BE IN ACCORDANCE WITH OPSD 404.02.
- DROP STRUCTURES SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA SPECIFICATIONS AND OPSD 1003.01.
- STORM SEWER MANHOLES SERVING LOCAL SEWERS LESS THAN 900mm SHALL BE CONSTRUCTED WITH A 300mm SUMP. FOR STORM SEWERS 900mm AND OVER USE BENCHING IN ACCORDANCE WITH OPSD 701.021.
- SINGLE AND DOUBLE CATCHBASINS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. S1. AND OPSD 705.020, RESPECTIVELY. FRAMES AND GRATE SHALL BE AS PER CITY OF OTTAWA STD. S19.1 FOR REAR LOT CATCHBASINS AND STREET CATCHBASINS.
- CURB INLET TYPE CATCH BASIN (CIGB) SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. S3. FRAME AND GRATE SHALL BE AS PER CITY OF OTTAWA STD. S22 AND S23, UNLESS OTHERWISE NOTED.
- SINGLE AND DOUBLE CATCHBASIN LEADS SHALL BE 200mm AND 250mm DIA (MIN.), RESPECTIVELY, AT 1.0% SLOPE (MIN.) UNLESS OTHERWISE NOTED. CB LEAD OUT INVERT TO BE SET 1.38m BELOW TOP OF GRATE ELEVATION UNLESS OTHERWISE NOTED.
- ALL STREET CATCHBASINS/CATCHBASIN MANHOLES SHALL HAVE 600mm SUMPS, AND ALL REAR YARD CATCHBASINS (OPSD 705.010) SHALL HAVE 300mm SUMPS UNLESS OTHERWISE NOTED. REAR YARD LANDSCAPE CATCHBASINS TO BE SUMPLESS.
- CONTRACTOR SHALL ENSURE THAT CATCHBASINS ARE INSTALLED AT THE LOW POINT OF SAG CURB WORKS.
- THE STORM SEWER CLASSES HAVE BEEN DESIGNED BASED ON BEDDING CONDITIONS SPECIFIED ABOVE. WHERE THE SPECIFIED TRENCH WIDTH IS EXCEEDED, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ADDITIONAL BEDDING, A DIFFERENT TYPE OF BEDDING OR A HIGHER PIPE STRENGTH AT HIS OWN EXPENSE AND SHALL ALSO BE RESPONSIBLE FOR EXTRA TEMPORARY AND/OR PERMANENT REPAIRS MADE NECESSARY BY THE WIDENED TRENCH.
- THE MINIMUM DIAMETER FOR REAR LOT PERFORATED PIPE IS 250mm, REFER TO CITY STD. S29 FOR DETAIL, UNLESS OTHERWISE NOTED.
- FOR TWO OR MORE REAR LOT CATCH BASINS CONNECTED IN SERIES, THE LEAD FROM THE LAST REAR LOT CB TO THE STORM SEWER SHALL BE SOLID PIPE.

SANITARY NOTES:

- ALL SANITARY SEWER INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE CITY OF OTTAWA AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS) AS AMENDED BY THE CITY OF OTTAWA.
- ALL SANITARY SEWERS SHALL BE PVC SDR 35, IPEX "RING-TITE" (OR EQUIVALENT), AS PER CSA STANDARD B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE NOTED.
- SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. S6 AND S7, CLASS 'B' BEDDING UNLESS OTHERWISE NOTED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- ALL SANITARY LATERALS ARE TO BE PVC SDR 28, IPEX "RING-TITE" (OR EQUIVALENT), AND MARKED WITH A 50mm x 100mm WOODEN MARKER, EXTENDING FROM THE INVERT TO 1.0 m ABOVE GRADE. PAINTED RED. HOUSE CONNECTIONS SHALL BE 2.75m BELOW FINISHED GRADE AT STREET LINE WHERE POSSIBLE. SINGLE CONNECTIONS SHALL BE 135mm DIA.
- SANITARY MANHOLE FRAME AND COVERS SHALL BE AS PER CITY OF OTTAWA STD. S24 AND S25.
- SAFETY PLATFORMS SHALL BE AS PER OPSD 404.02.
- DROP STRUCTURES SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA SPECIFICATIONS AND OPSD 1003.01.
- SANITARY SEWER MANHOLES SHALL BE BENCHES AS PER OPSD 701.021.
- SANITARY MANHOLE FRAME AND COVERS SHALL BE AS PER CITY OF OTTAWA STD. S24 AND S25, EXCEPT FOR WHERE IN PONDING AREAS, WHERE WATERTIGHT FRAME AND COVERS SHALL BE EAST JORDAN CAMPRESSION 41420049W01 AS PER CITY OF OTTAWA M5-22.15 (OR APPROVED EQUIVALENT)
- WATER NOTES:
 - ALL WATERMAIN INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE CITY OF OTTAWA AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS) AS AMENDED BY THE CITY OF OTTAWA.
 - ALL PVC WATERMAINS SHALL BE EQUAL TO AWWA C-900 CLASS 150, SDR 18.
 - WATERMAIN TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W17, UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
 - ALL PVC WATERMAINS SHALL BE INSTALLED WITH A 10 GAUGE STRANDED COPPER TWU OR RWJ TRACER WIRE IN ACCORDANCE WITH CITY OF OTTAWA STD. W36.
 - WATER SERVICES ARE TO BE TYPE K SOFT COPPER OR PEX AS PER CITY OF OTTAWA STD. W26 UNLESS OTHERWISE SPECIFIED. SINGLE SERVICES SHALL BE 19mm DIA., 50mm DIA. COPPER SHALL BE USED FOR PARK SERVICES. WATER SERVICES SHALL BE MARKED WITH A "50mm x 100mm", EXTENDING FROM THE INVERT TO 1.0m ABOVE GRADE. PAINTED BLUE. CURB STOPS SHALL BE INSTALLED AT THE PROPERTY LINE.
 - CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AS PER CITY OF OTTAWA STD. W40 AND W42.
 - CONTRACTOR TO SUPPLY HYDRANT EXTENSION TO ADJUST THE LENGTH OF HYDRANT BARREL AS REQUIRED TO ENSURE FLANGE IS ABOVE FINISHED GRADE PER CITY STD W19.
 - FIRE HYDRANTS SHALL BE INSTALLED AS PER CITY OF OTTAWA STD. W19, AND LOCATED AS PER CITY STD. W18.
 - VALVE IN BOXES SHALL BE INSTALLED AS PER CITY OF OTTAWA STD. W24.
 - 50mm DIAMETER WATERMAINS SHALL BE TYPE 'K' COPPER TUBING. WATERMAIN INSTALLATION IN CUL-DE-SAC TO BE INSTALLED AS PER CITY OF OTTAWA STD. W37.
 - WATERMAIN IN FILL AREAS TO BE INSTALLED WITH RESTRAINED JOINTS AS PER CITY OF OTTAWA STD. W25.5 AND W25.6.
 - THRUST BLOCKING OF WATERMAIN TO BE INSTALLED AS PER CITY OF OTTAWA STD. W25.3 AND W25.4.
 - THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY CAPS, PLUGS AND BLOW-OFFS AND NOZZLES REQUIRED FOR TESTING AND DISINFECTION OF THE WATERMAIN.
 - INSULATION FOR WATERMAIN CROSSING OVER AND BELOW SEWER SHOULD BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W25.2 AND W25, RESPECTIVELY, WHERE WATERMAIN COVER IS LESS THAN 2.4m.
 - WHERE THE SEPARATION BETWEEN SERVICES AND MANHOLES IS LESS THAN 1.2m, WATER SERVICES ARE TO BE INSULATED AS PER CITY STD. W23.
 - AS PER MECP GUIDELINES, THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER / UTILITY IS 0.50m. FOR CROSSING UNDER SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWERS IS REQUIRED TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING. THE LENGTH OF WATER PIPE SHALL BE CENTRED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER.
 - FOR FIRE HYDRANT LATERALS WITH DEPTH OF 2.4m OR LESS, THERMAL INSULATION SHALL BE APPLIED AS PER CITY STANDARD DRAWING W23.
 - CATCH BASIN LEADS CROSSING ABOVE WATERMAINS SHALL HAVE A MINIMUM CLEARANCE OF 0.50m.
 - MINIMUM HORIZONTAL DISTANCE BETWEEN WATERMAINS AND SEWERS IS 2.5M (BARREL TO BARREL)

ROADWORK NOTES:

- ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE STRIPPED WITHIN THE ROAD ALLOWANCE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONCRETE CURB SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC1.1 (BARRIER CURB) AND SC1.3 (MOUNTABLE CURB). PROVISION SHALL BE MADE FOR CURB DEPRESSIONS AT SIDEWALKS AND DRIVEWAYS.
- ROAD SUBDRAINS SHALL BE REFERENCE TO R1, AS SUGGESTED IN RG4683-2. SUBDRAIN INVERTS TO BE APPROXIMATELY 300mm BELOW SUBGRADE LEVEL.
- CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC3 AND SC1.4.
- PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10 AND OPSD 509.010, OPSS 310.
- GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.
- ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR DENSITY.
- ASPHALT WEAR COURSE SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT TO THE SATISFACTION OF THE CONSULTANT.
- SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR 'B' COMPACTED IN MAXIMUM 300 mm LIFTS.
- PEDESTRIAN CURB RAMP WITH BOULEVARD SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC7.
- PAVEMENT DESIGN TYPE
ACCESS LANES & HEAVY DUTY TRUCK PARKING
 - 40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
 - 50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
 - 150mm OPSS GRANULAR A CRUSHED STONE
 - 450mm OPSS GRANULAR B TYPE II
 - SUBGRADE
- DRIVEWAYS AND PARKING AREAS
 - 50mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
 - 150mm OPSS GRANULAR A CRUSHED STONE
 - 300mm GRANULAR B TYPE II
 - SUBGRADE

GRADING NOTES:

- A FLAT AREA HAVING A WIDTH OF 0.6m SHALL BE PROVIDED AT THE BOUNDARY LIMITS ADJACENT DEVELOPED PROPERTIES IN ORDER THAT THE EXISTING BOUNDARY ELEVATIONS SHALL BE MAINTAINED.
- ALL ROAD DOWNSPOUTS SHALL DISCHARGE TO THE GROUND ONTO SPLASH PADS AND SHALL NOT BE CONNECTED TO THE STORM SEWER, OR THE BUILDING FOUNDATION DRAIN.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS." THE GENERAL CONTRACTOR SHALL BE DESIGNATED AS THE CONSTRUCTOR AS DEFINED IN THE ACT.
- PRIOR TO THE COMMENCEMENT OF THE SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL. THE CONTRACTOR SHALL MAINTAIN ALL WORKS UNTIL SERVING CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA.
- ALL SWALES SHALL BE 0.15m DEEP WITH 3:1 SIDE SLOPES UNLESS OTHERWISE INDICATED. THE MINIMUM LONGITUDINAL SLOPE IS 1% AND 1.5% WITH INSTALLATION OF SUBDRAIN OR WITHOUT, RESPECTIVELY.
- TOP OF GRATE (T/G) ELEVATIONS FOR ALL STREET CATCHBASINS SHOWN ON PLANS, REFER TO THE ELEVATIONS AT GUTTER OR EDGE OF PAVEMENT, WHERE APPLICABLE.

EROSION AND SEDIMENT CONTROL NOTES:

- PRIOR TO TOPSOIL, STRIPPING, EARTHWORKS, OR UNDERGROUND CONSTRUCTION, EROSION AND SEDIMENT CONTROLS SHALL BE IMPLEMENTED TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
- SEDIMENT CONTROL FENCE SHALL BE CLEANED AND MAINTAINED IN GOOD REPAIR BY CONTRACTOR.
- SEDIMENT CONTROL FENCE TO REMAIN IN PLACE UNTIL THE WORKING AREA HAS BEEN STABILIZED AND REVEGETATED.
- ACCUMULATED SEDIMENT TO BE REMOVED OFF SITE PRIOR TO THE REMOVAL OF SEDIMENT CONTROL FENCE.
- CONTRACTOR TO INSTALL AND MAINTAIN MUD MAT AT CONSTRUCTION ACCESS IN ORDER TO PREVENT MUD TRACKING ONTO ADJACENT ROADS. MUD MAT TO BE MINIMUM 30m LONG AND 10.0m WIDE AND SHALL CONSIST OF 0.3m OF 50mm CLEAR STONE.

SPILLS CONTROL NOTES:

- ALL CONSTRUCTION EQUIPMENT SHALL BE REFUELED, MAINTAINED AND STORED NO LESS THAN 30 METERS FROM THE WATERCOURSES, STREAMS, CREEKS, WOODLOTS AND ANY ENVIRONMENTALLY SENSITIVE AREAS, OR AS OTHERWISE SPECIFIED.
- THE CONTRACTOR MUST IMPLEMENT ALL NECESSARY MEASURES IN ORDER TO PREVENT LEAKS, DISCHARGES OR SPILLS OF POLLUTANTS, DELETERIOUS MATERIALS, OR OTHER SUCH MATERIALS OR SUBSTANCES WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT.
- IN THE EVENT OF A LEAK, DISCHARGE OR SPILL OF A POLLUTANT, DELETERIOUS MATERIAL OR OTHER SUCH MATERIAL OR SUBSTANCE WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT, THE CONTRACTOR SHALL:
 - IMMEDIATELY NOTIFY THE APPROPRIATE FEDERAL, PROVINCIAL AND LOCAL GOVERNMENT MINISTRIES, DEPARTMENTS, AGENCIES AND AUTHORITIES OF THE INCIDENT IN ACCORDANCE WITH ALL CURRENT LAWS, LEGISLATION, ACTS, BY-LAWS, PERMITS, APPROVALS, ETC.
 - TAKE IMMEDIATE MEASURES TO CONTAIN THE MATERIAL OR SUBSTANCE, AND TO TAKE SUCH MEASURES AS THEY DEEM APPROPRIATE TO MITIGATE AGAINST THE ANY ADVERSE IMPACTS TO THE NATURAL ENVIRONMENT.
 - THE CONTRACT SHALL RESTORE THE AFFECTED AREA TO ORIGINAL CONDITION OR BETTER, ALL TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.

GEOTECHNICAL REPORT/MEMO:

REFER TO:

- GEOTECHNICAL INVESTIGATION REPORT NO. P66165-1, REVISION 1, DATED OCTOBER 7, 2022, PREPARED BY PATERSON GROUP INC.

INFORMATION PRESENTED ON THESE DRAWINGS HAS BEEN INTERPOLATED FROM THE GEOTECHNICAL REPORTS AND ACCURACY IS NOT GUARANTEED. CONTRACTORS ARE ADVISED TO READ THE GEOTECHNICAL REPORTS AND ASSUME THEIR OWN CONCLUSIONS.

LEGEND

WATERMAIN

CROSS

- 45° BEND
- LATERAL
- HYDRANT, VALVE & VB
- TEE
- VALVE & VC
- VALVE & VB
- 22.5° BEND
- 11.25° BEND
- REDUCER
- CAP

SANITARY

- WATERTIGHT MAINTENANCE HOLE
- MAINTENANCE HOLE
- CAP

STORM

- STREET CATCHBASIN & LEAD
- STREET CATCHBASIN WITH CLOSED LID & LEAD
- MAINTENANCE HOLE

- CURB INLET CATCHBASIN & LEAD
- CATCHBASIN/ MAINTENANCE HOLE
- INTERCONNECTED CATCH BASIN & LEADS
- CAP

- SINGLE SERVICE LOCATION (ST, SAN & WM)

- SINGLE SERVICE LOCATION (SAN & WM)

- SINGLE SERVICE LOCATION (ST, SAN & WM)

- TEE CATCHBASIN
- PERFORATED PIPE
- ELBOW CATCHBASIN
- DITCH AND CULVERT
- CONCRETE SIDEWALK

- CURB & DEPRESSED CURB

- ASPHALT SIDEWALK
- CHAINLINK FENCE (1.5m UNLESS OTHERWISE NOTED)
- NOISE BARRIER (3.0m UNLESS OTHERWISE NOTED)
- DECORATIVE FENCE (SEE LANDSCAPE DRAWINGS FOR DETAIL)
- WOOD PRIVACY BARRIER
- POST AND RAIL FENCE
- PHASING LIMITS
- PROPERTY BOUNDARY
- BOREHOLE (BH)
- TEST PIT (TP)
- AUGER HOLE (AH)
- MONITORING WELL LOCATION
- CONCEPTUAL WELL LOCATION
- CONTOUR

AS PER
GEOTECHNICAL
REPORT

- PROPOSED ELEVATION
- EXISTING ELEVATION
- TOP OF GRATE ELEVATION

- PROPOSED TERRACING

- SURFACE SLOPE
- FLOW DIRECTION
- MAJOR OVERLAND FLOW DIRECTION
- TACTILE WALKING SURFACE INDICATOR (AS PER CITY OF OTTAWA STD. SC6)

BUILDING ENVELOPE

- TOP OF FOUNDATION ELEVATION
- FINISHED FLOOR ELEVATION
- UNDERSIDE OF FOOTING ELEVATION
- NUMBER OF RISERS
- UNITS REQUIRING PRESSURE REDUCING VALVES
- WALKOUT UNITS
- SLAB ON GRADE
- SANITARY DRAINAGE BOUNDARY

- UPSTREAM MH TO DOWNSTREAM MH

- AREA IN HECTARES

- POPULATION

- STORM DRAINAGE BOUNDARY

- UPSTREAM MH TO DOWNSTREAM MH

- AREA IN HECTARES

- RUNOFF COEFFICIENT

- PONDING AREA

- PONDING AREA ID

- PROPOSED SILT FENCE

- PROPOSED SNOW FENCE

- PROPOSED ROCK FLOW CHECK DAM

- PROPOSED STRAW BALE BARRIER

- PROPOSED STRAW BALE BARRIER WITH FILTER CLOTH

- FILTER CLOTH FOR EXISTING STRUCTURE

- PROPOSED RIP RAP TREATMENT

- JOINT UTILITY TRENCH (HYDRO, BELL, CABLE)

- DENOTES NUMBER OF UTILITY DUCTS

- CONCRETE ENCASED DUCT

- STREET LIGHT CABLE

- NATURAL GAS LINE

- SERVICE ENTRANCE HYDRO, BELL, CABLE

- END WALL BOX

- CABLE PEDESTAL

- CABLE GRADE LEVEL BOX

- BELL PEDESTAL

- BELL GRADE LEVEL BOX FOR SPLICING

- BELL CENTRAL SPLITTING POINT

- HYDRO TRANSFORMER

- HYDRO MAINTENANCE HOLE

- HYDRO POLE

- HYDRO POLE c/w GUY WIRE

- STREET LIGHT DISCONNECT

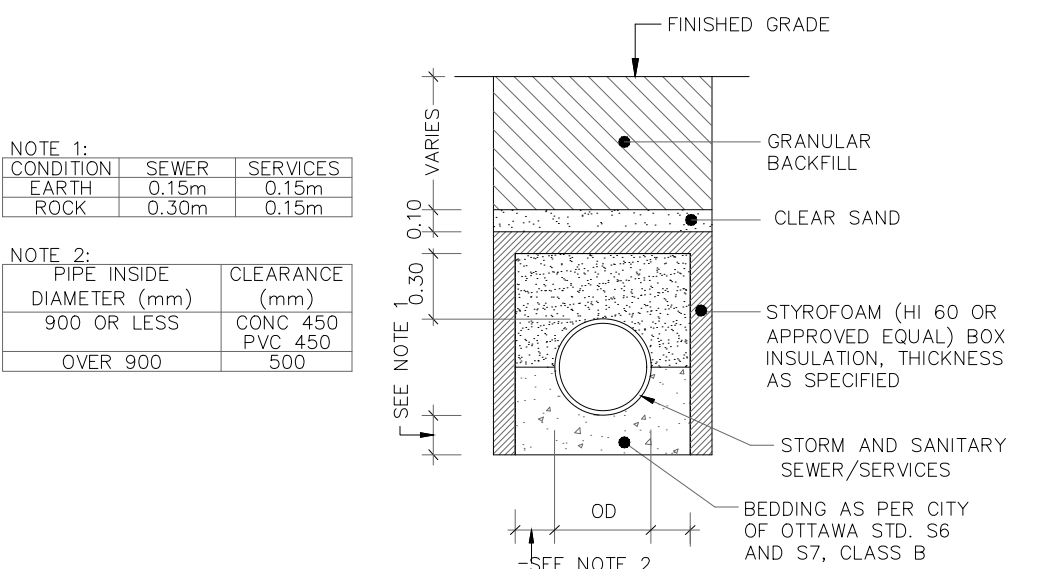
- STREET LIGHT STANDARD

- COMMUNITY MAILBOX

- BUS STOP LOCATION c/w ASPHALT BOULEVARD

- TREE

CITY OF OTTAWA					
SEWER AND WATERMAIN INSULATION					
CALCULATION OF THICKNESS OF INSULATION					
Depth (m)	Ti (mm)	Using Ti (mm)	As per City Standard (W22):		
1.05	113	125	Ti = (2400 - H)		
1.10	108	125	12		
1.15	104	125			
1.20	100	100			
1.25	96	100			
1.30	92	100	where: Ti = Thickness of Insulation (mm), 50mm min.		
1.35	88	100	H = H Depth of Cover above OD (mm)		
1.40	83	100			
1.45	79	100			
1.50	75	75			
1.55	71	75			
1.60	67	75			
1.65	63	75			
1.70	58	75			
1.75	54	75			
1.80	50	50			
1.85	46	50			
1.90	42	50			
1.95	38	50			
2.00	33	50			
2.05	29	50			
2.10	25	50			
2.15	21	50			
2.20	17	50			
2.25	13	50			
2.30	8	50			



THERMAL INSULATION FOR STORM AND SANITARY
SEWER/SERVICES IN SHALLOW TRENCHES

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION



SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. PM88U502.

ELEVATION = 106.039 m

No.	BY	DATE	DESCRIPTION
1	S.L.M.	2025-06-20	1st SUBMISSION



PROJECT No. 1295_Block13

Minto Group

ABBOTT'S RUN

BLOCK 13

DSEL

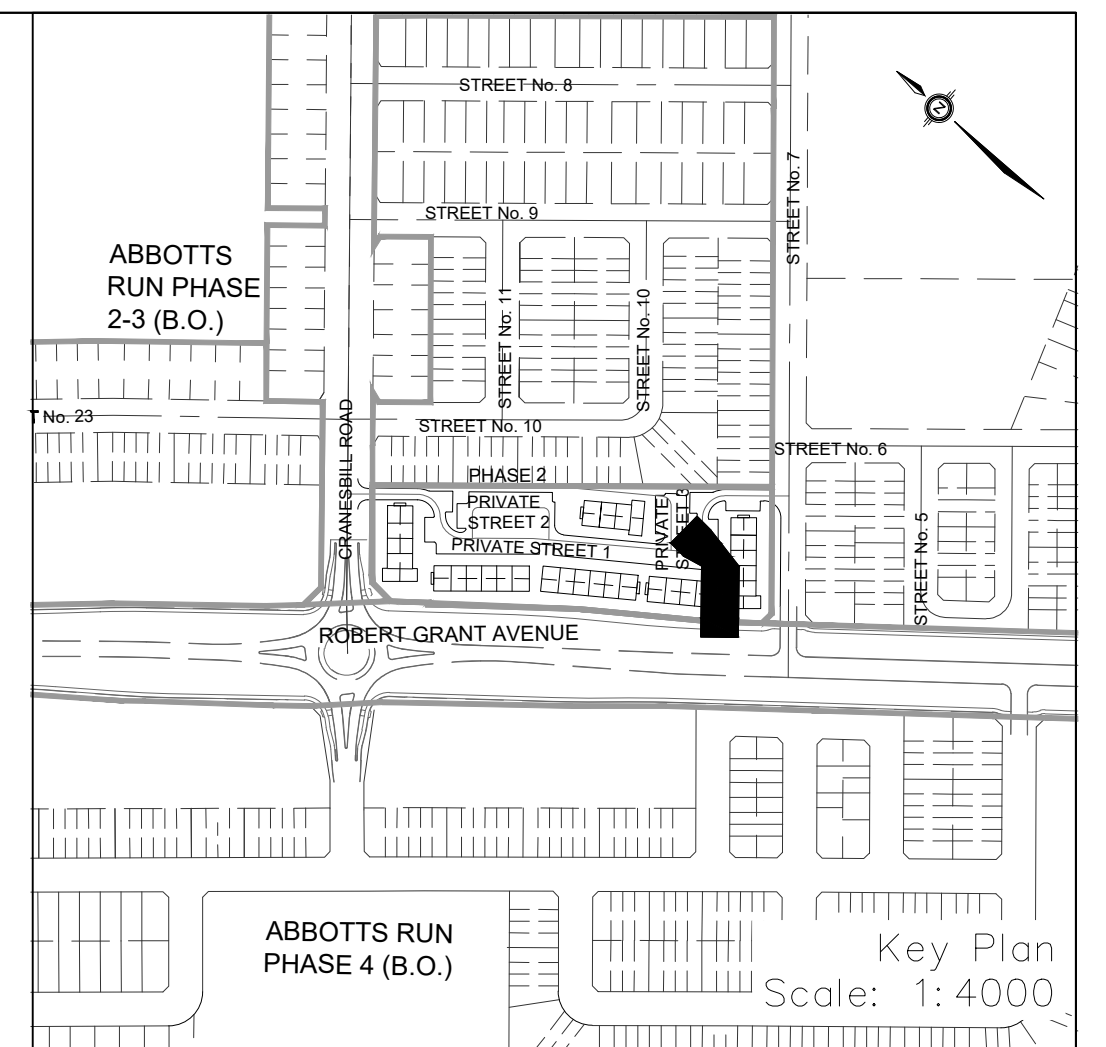
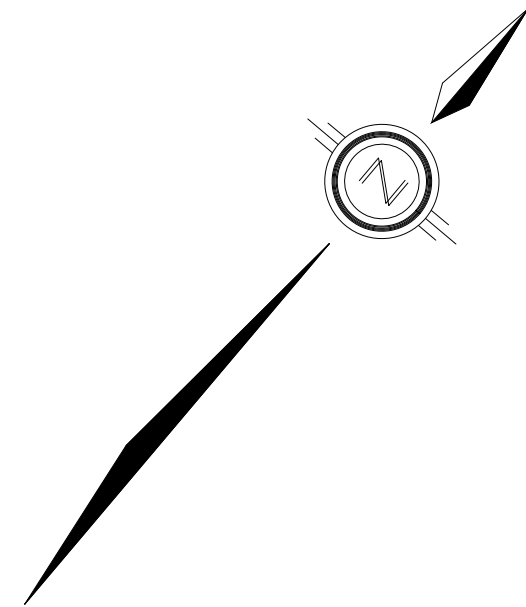
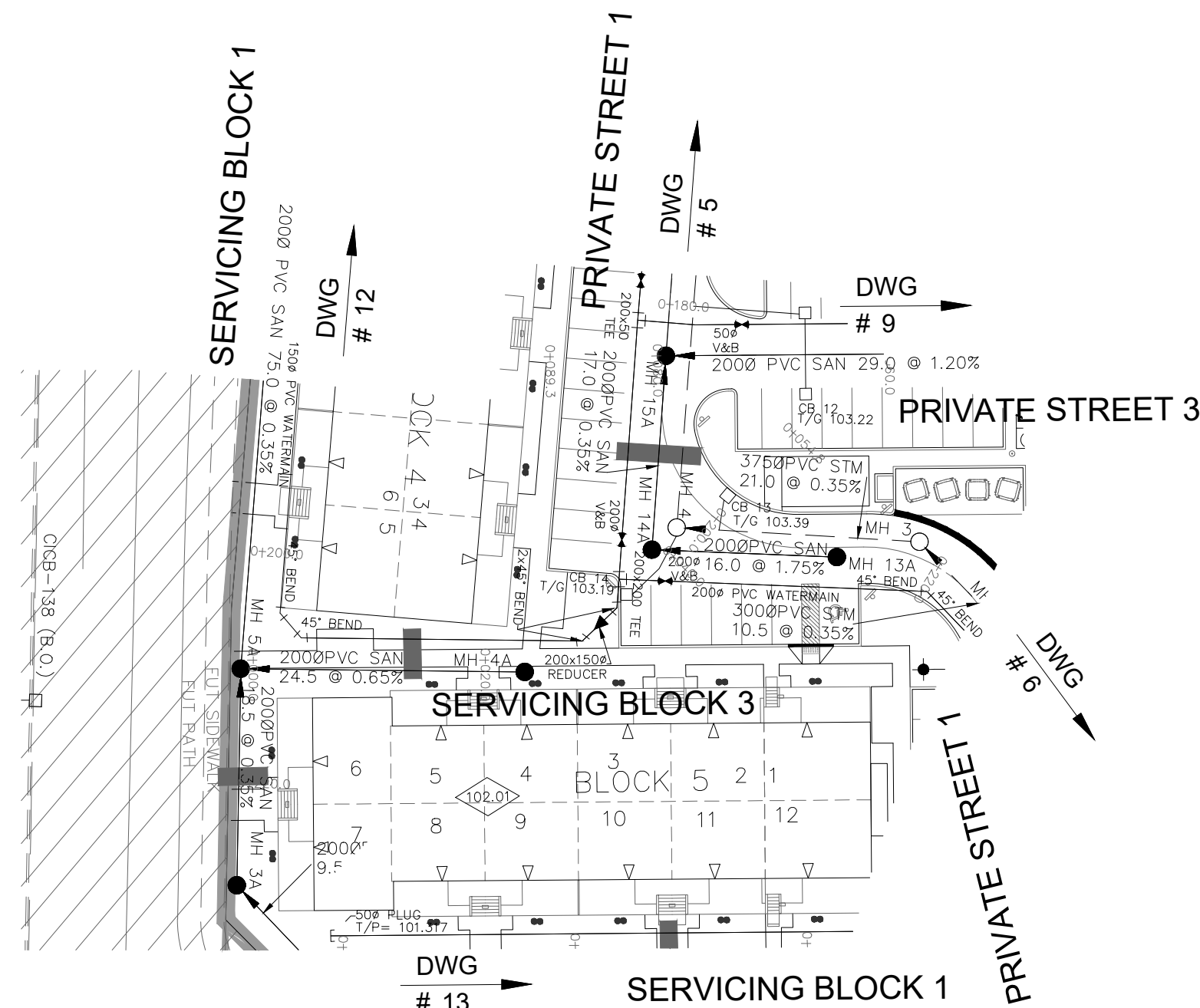
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GENERAL NOTES

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DESIGNED BY: E.D.	CHECKED BY: S.L.M.	
SCALE:	DATE: JUNE 2025	1 OF 19

1. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER.
2. ALL UTILITIES TO BE LOCATED BY THE UTILITIES AGENCIES WITH THE AUTHORITIES HAVING JURISDICTION.
3. CONTRACTOR TO VERIFY THE PRECISE LOCATION AND DEPTHS OF ALL UTILITIES. E.G. UNDERGROUND SERVICES AND E. UTILITIES PRIOR TO STARTING CONSTRUCTION.
4. ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE PRESERVED, UNLESS OTHERWISE NOTED.
5. PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS.
6. FORMULAS TO BE STUDIED, 2.4m MIN. COVER TO BE PROVIDED.
7. ANY DISTURBED MATERIAL EXPOSED BELOW SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED FILL TO THE SAME AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.
8. FOR DESIGN DATA, REFER TO DWG. No. 2 FOR DETAILS.
9. ALL DOWELLINGS TO BE PROVIDED WITH PROTECTIVE REDUCED PRESSURE VALVES UNLESS OTHERWISE NOTED.
10. WATERMAIN INSULATION TO BE PROVIDED PER CITY STD. W25.2.
11. WATERMANS OVER SEWERS TO BE PER CITY STD. W25.2.
12. WATERMANS UNDER SEWERS TO BE PER CITY STD. W25.2.


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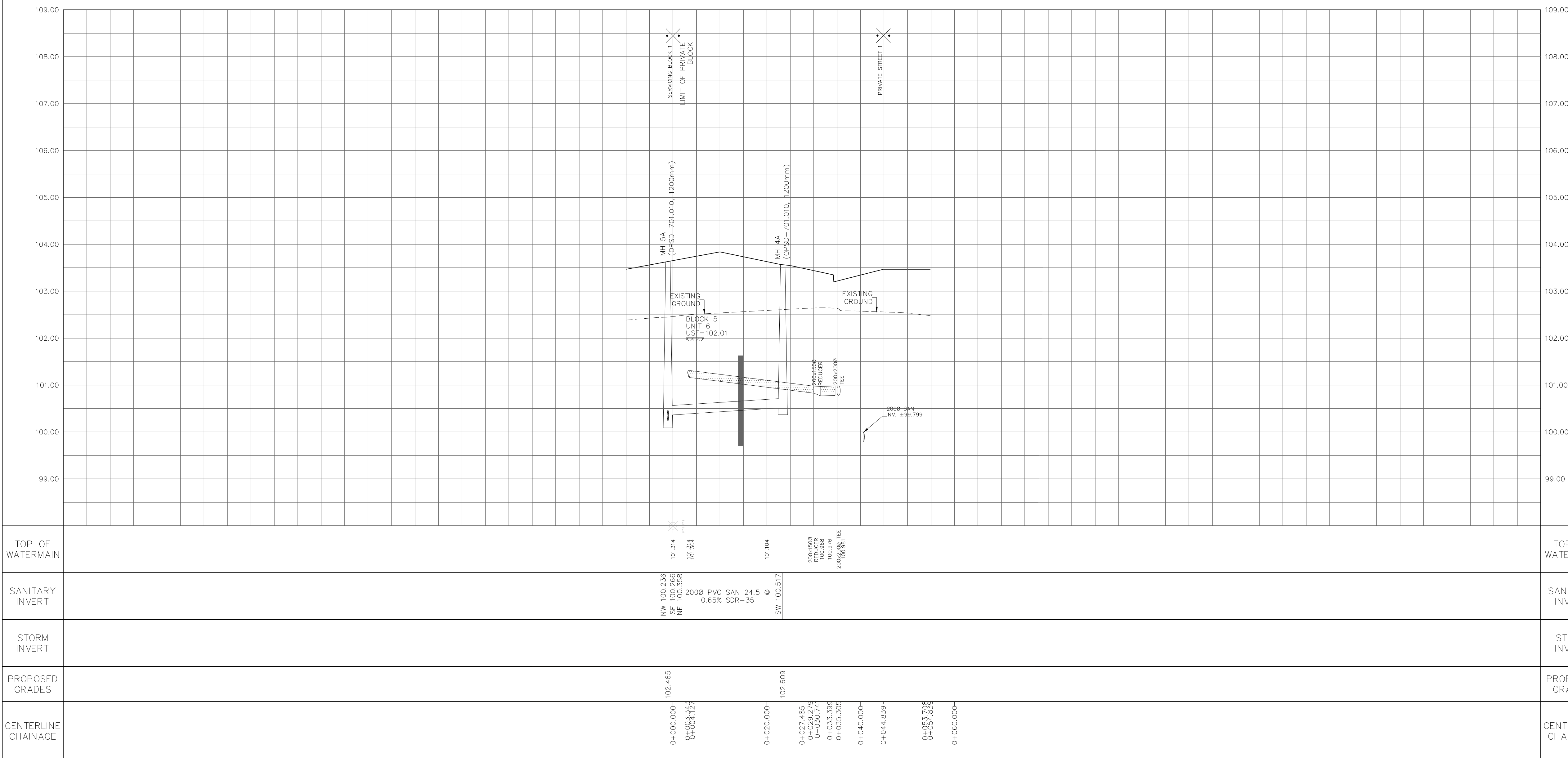
TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

ELEVATION NOTE
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ELEVATION = 106.039 m

1	S.L.M	2025-06-20	1st SUBMISSION
No.	BY	DATE	DESCRIPTION

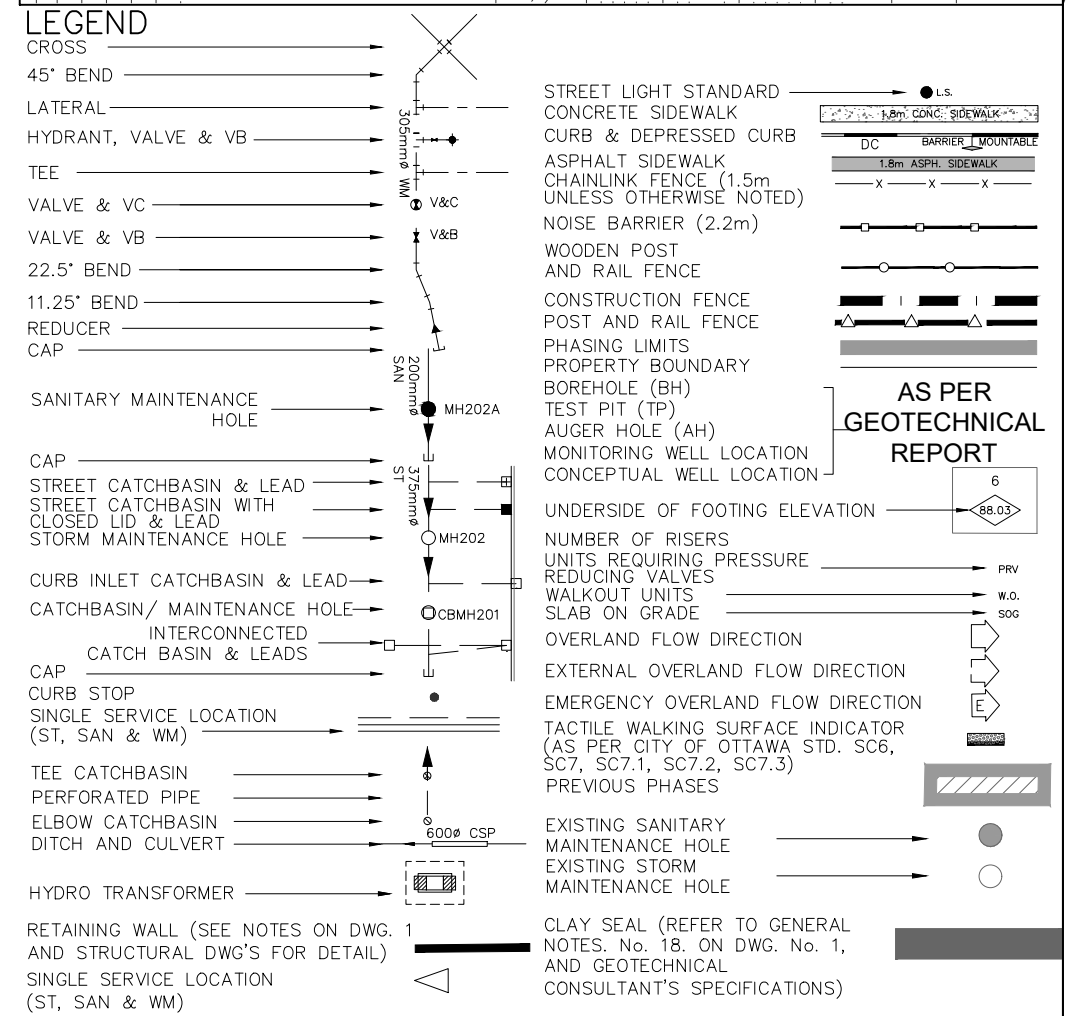
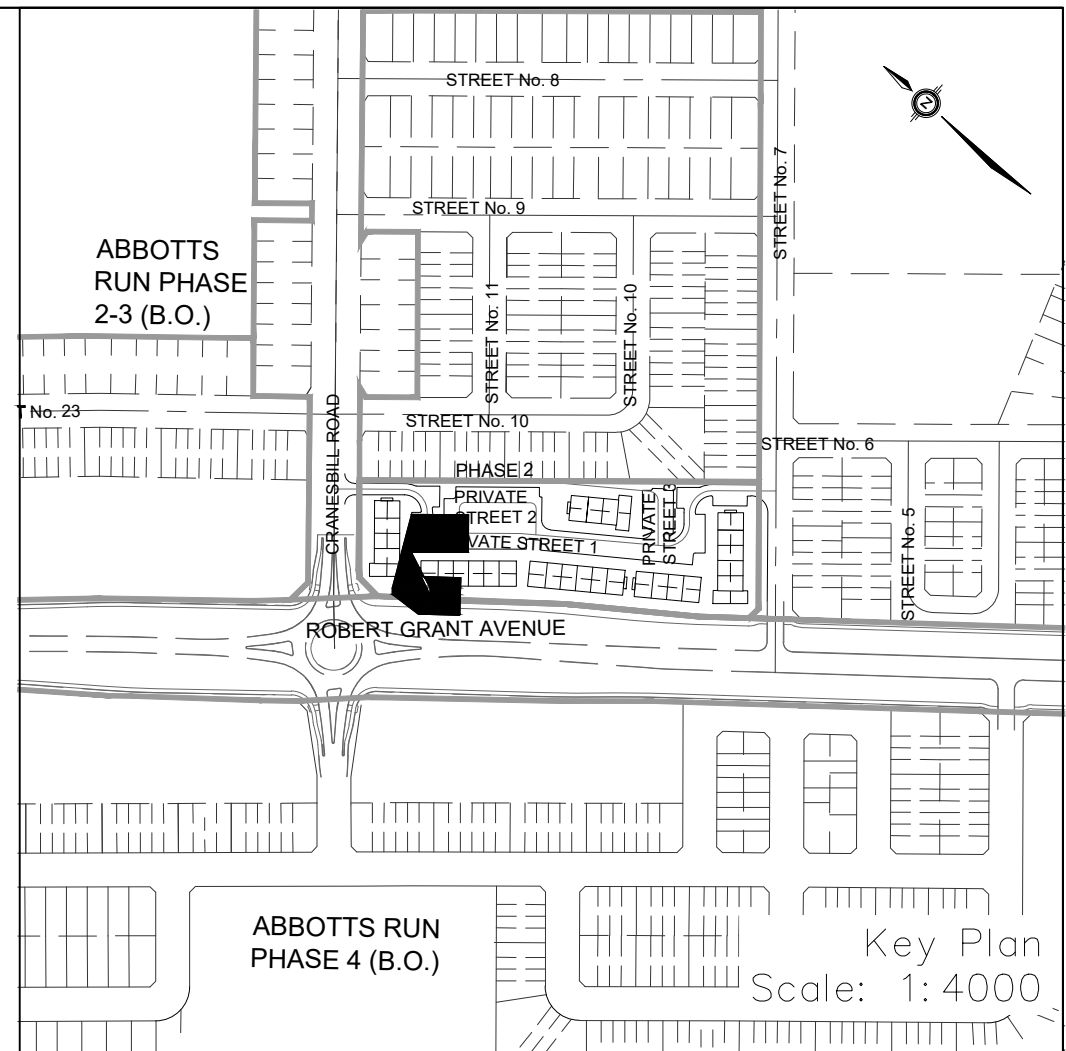
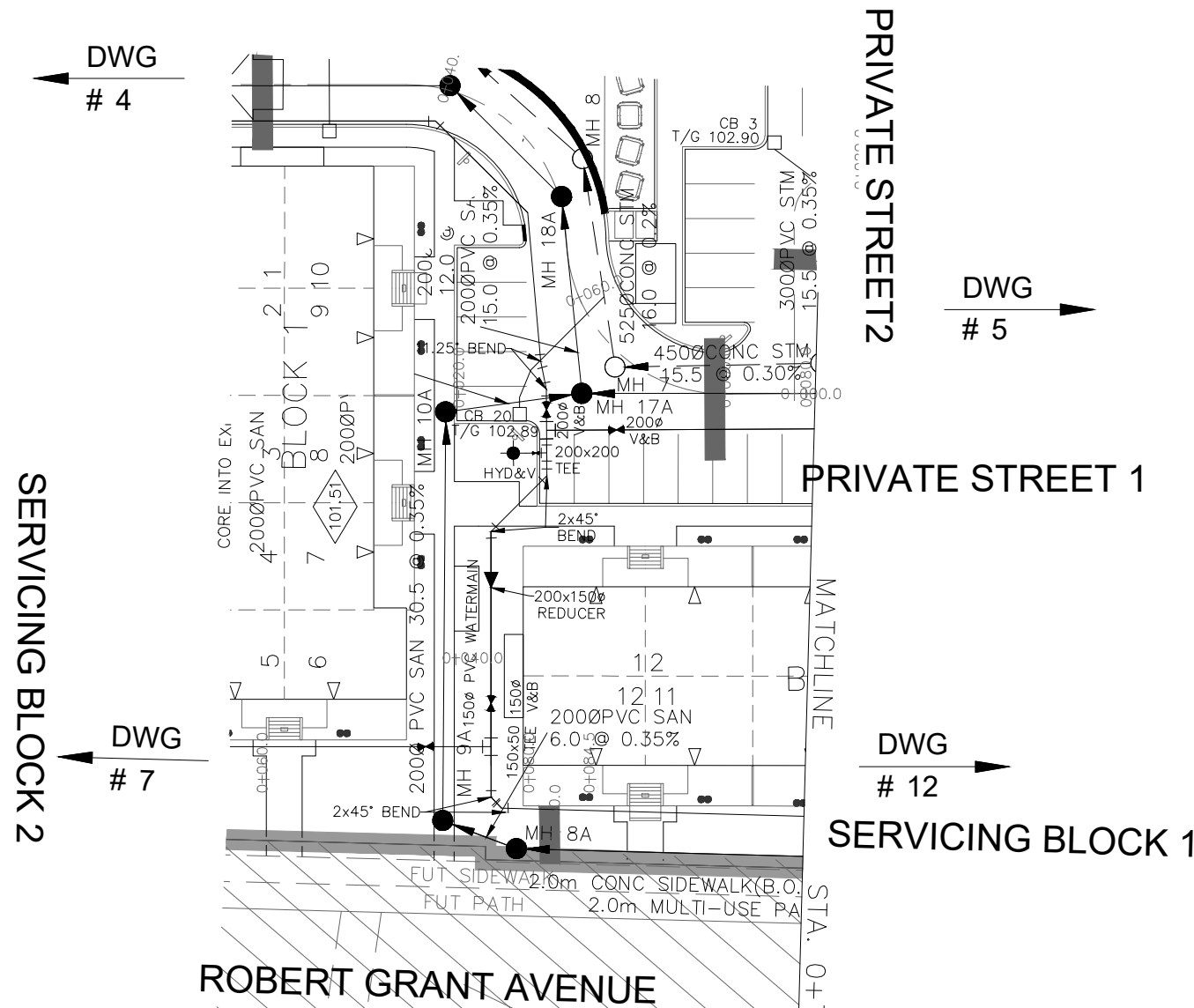


Minto Group		ABBOTT'S RUN BLOCK 13	
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		Servicing Block 3 © DSEL	
STA. 0+-.10.000 TO STA. 0+54.839			
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DESIGNED BY: E.D.	CHECKED BY: S.L.M.		
SCALE: H=1:500 / V=1:50		DATE: JUNE 2025	
		10	OF 19



NOTES:

1. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF EX. UNDERGROUND SERVICES AND EX. UTILITIES PRIOR TO STARTING CONSTRUCTION.
2. ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE NOTED.
3. PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS.
4. FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED.
5. ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.
6. FOR CATCHBASIN DATA, REFER TO DWG. No. 2 FOR DETAILS.
7. ALL DWELLINGS TO BE PROVIDED WITH PRESSURE REDUCING VALVES UNLESS OTHERWISE NOTED.
8. WATERMAIN INSULATION TO BE PROVIDED PER CITY STD. W22.
9. WATERMAINS OVER SEWERS TO BE PER CITY STD. W25.2.
10. WATERMAINS UNDER SEWERS TO BE PER CITY STD. W25.
11. WATERMAINS UNDER SEWERS TO BE PER CITY STD. W25.



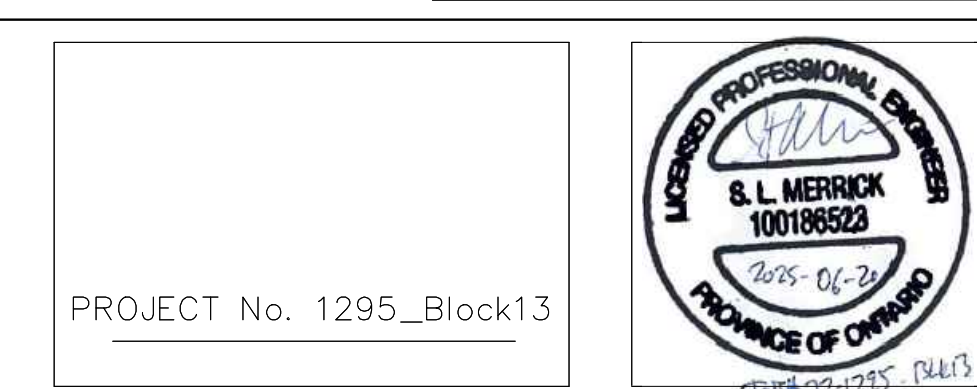
NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM8BU502.
ELEVATION = 106.039 m

1 S.L.M. 2025-06-20 1st SUBMISSION
No. BY DATE DESCRIPTION



PROJECT No. 1295_Block13

Minto Group

ABBOTT'S RUN
BLOCK 13



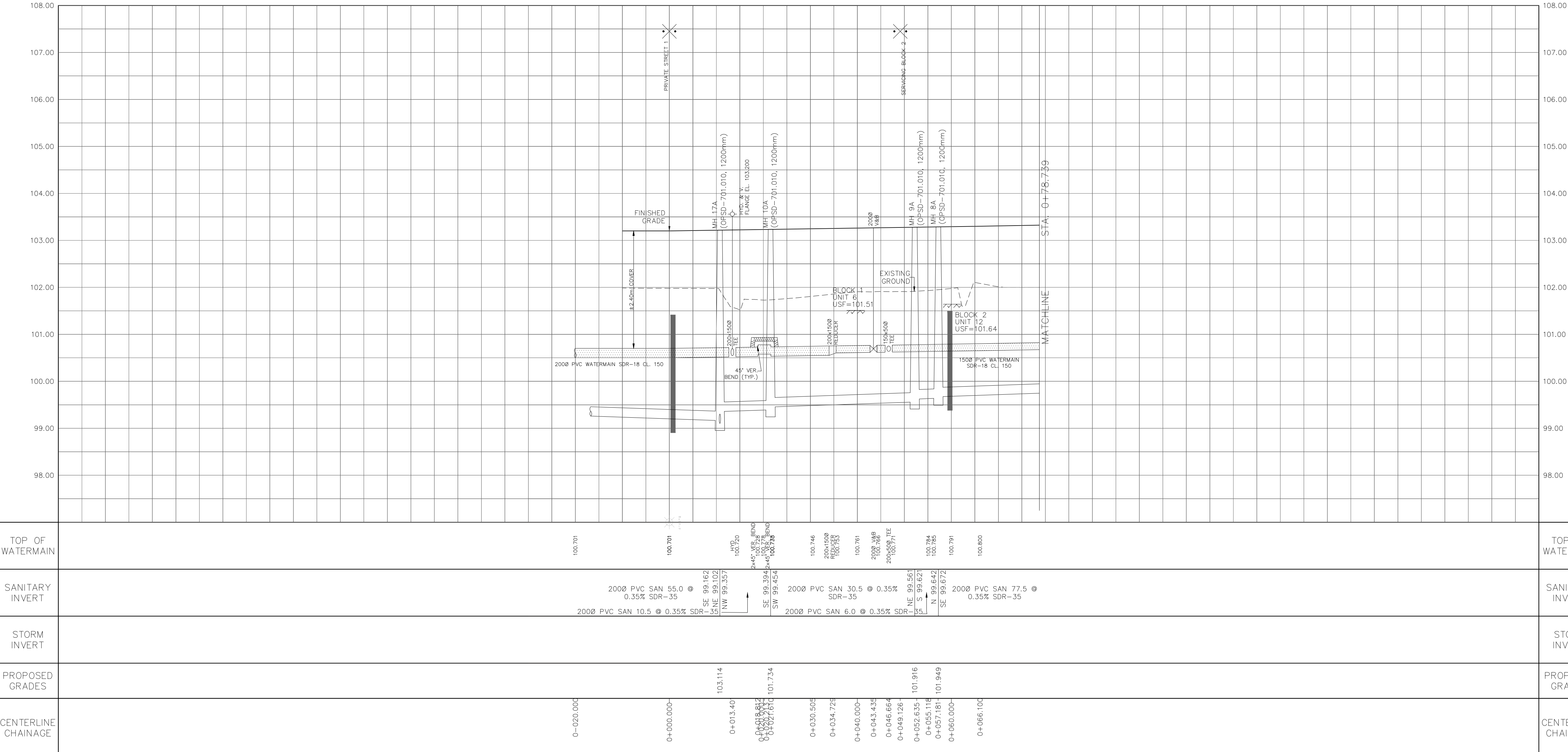
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Stittsville, ON K2S 1E9
Tel: (613) 836-0856
Fax: (613) 836-7153
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Servicing Block 1

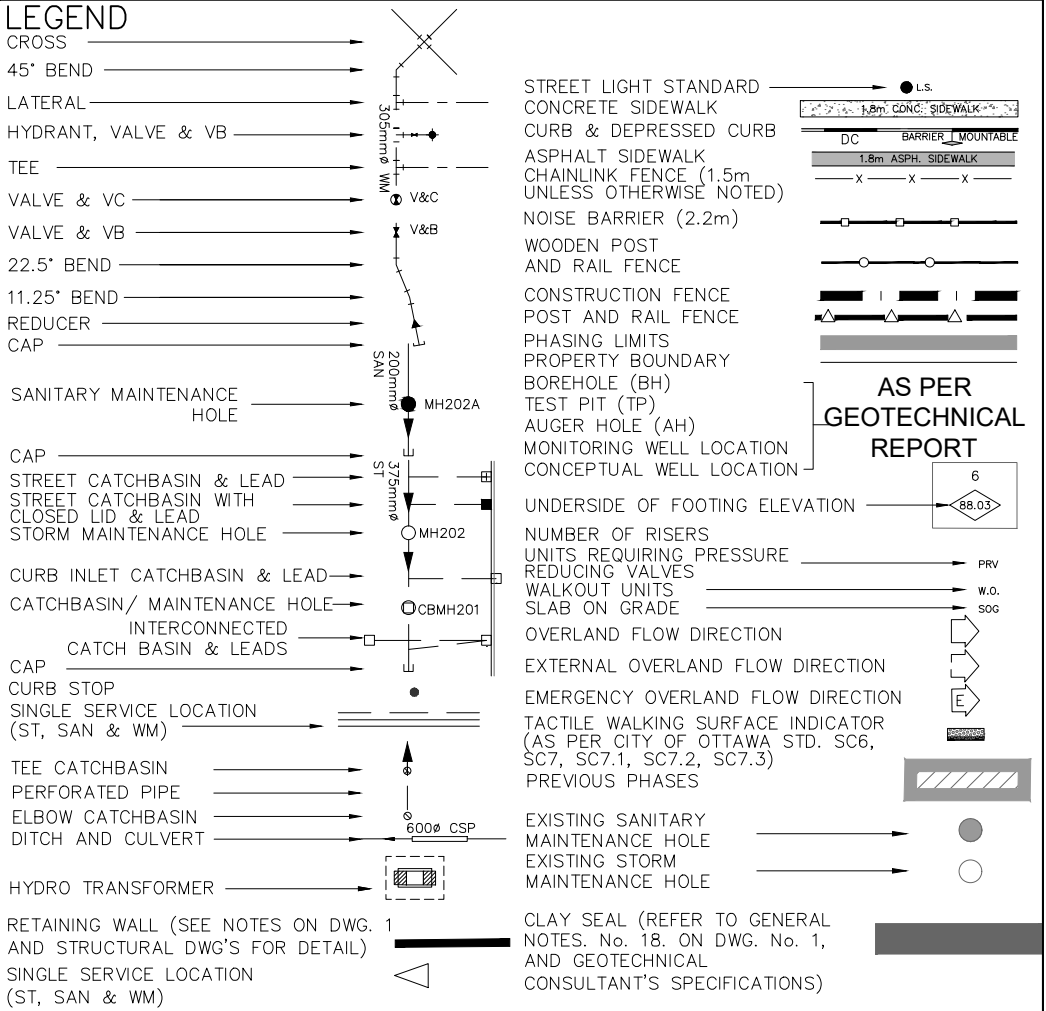
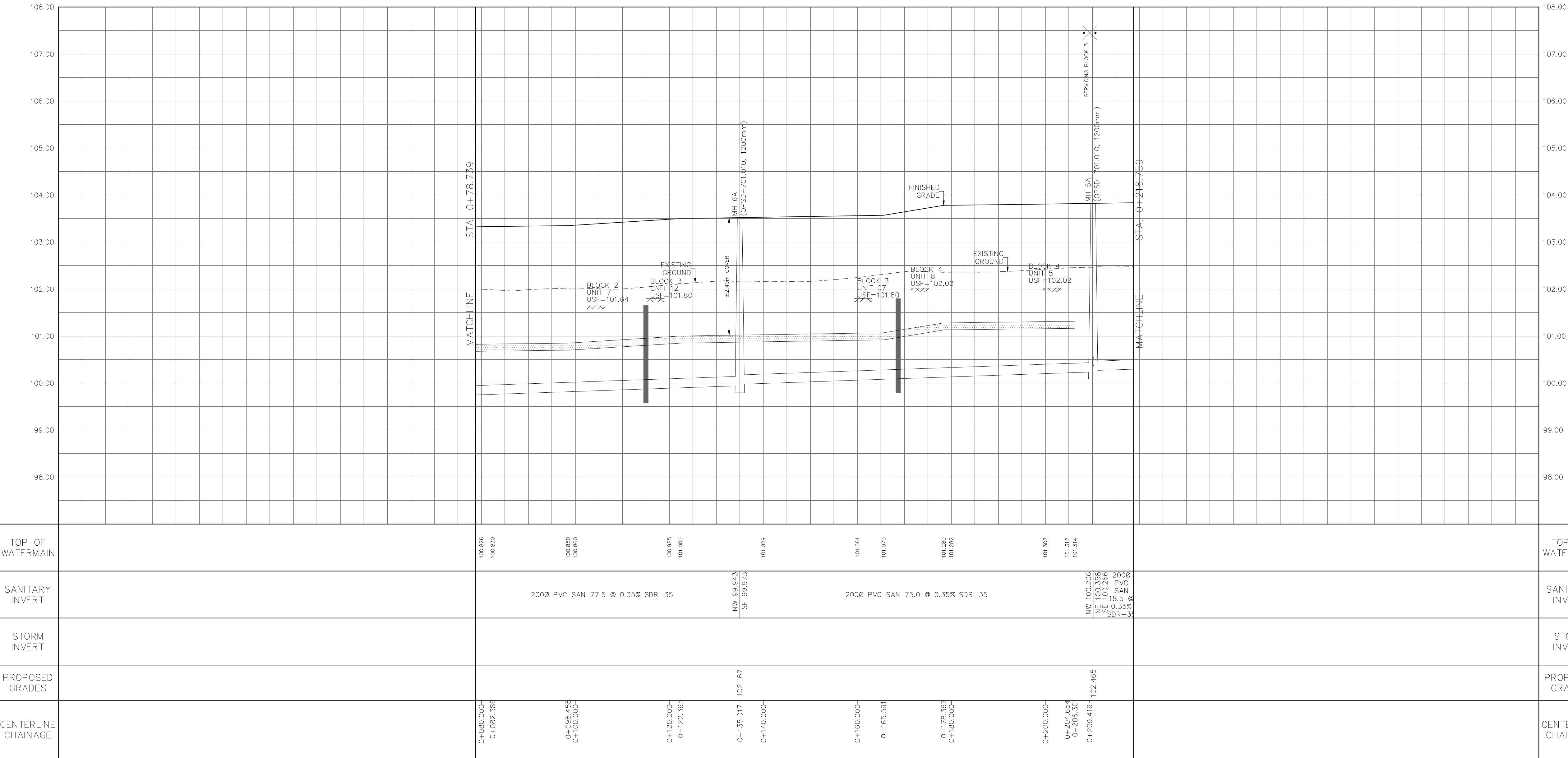
STA. 0+10.000 TO STA. 0+78.739

DRAWN BY: E.D. CHECKED BY: S.L.M. SHEET NO.
DESIGNED BY: E.D. CHECKED BY: S.L.M.
SCALE: H=1:500 / V=1:50 DATE: JUNE 2025 11 OF 19



NOTES:

1. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.
2. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF EX. UNDERGROUND SERVICES AND EX. UTILITIES PRIOR TO STARTING CONSTRUCTION.
3. ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE NOTED.
4. PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS.
5. FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED.
6. ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.
7. FOR CATCHBASIN DATA, REFER TO DWG. No. 2 FOR DETAILS.
8. ALL DWELLINGS TO BE PROVIDED WITH PRESSURE REDUCING VALVES UNLESS OTHERWISE NOTED.
9. WATERMAIN INSULATION TO BE PROVIDED PER CITY STD. W22.
10. WATERMAINS OVER SEWERS TO BE PER CITY STD. W25.2.
11. WATERMAINS UNDER SEWERS TO BE PER CITY STD. W25.



NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM88U502.
ELEVATION = 106.039 m

No.	BY	DATE	DESCRIPTION
1	S.L.M	2025-06-20	1st SUBMISSION




CITY OF
OTTAWA



PROJECT No. 1295_Block13

Minto Group

ABBOTT'S RUN
BLOCK 13



120 Iber Road, Unit 103
Stittsville, ON K2S 1E9
Tel: (613) 836-0866
Fax: (613) 836-7153
www.DSEL.ca

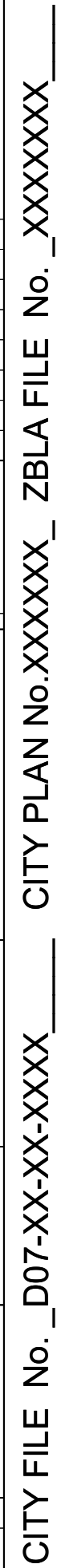
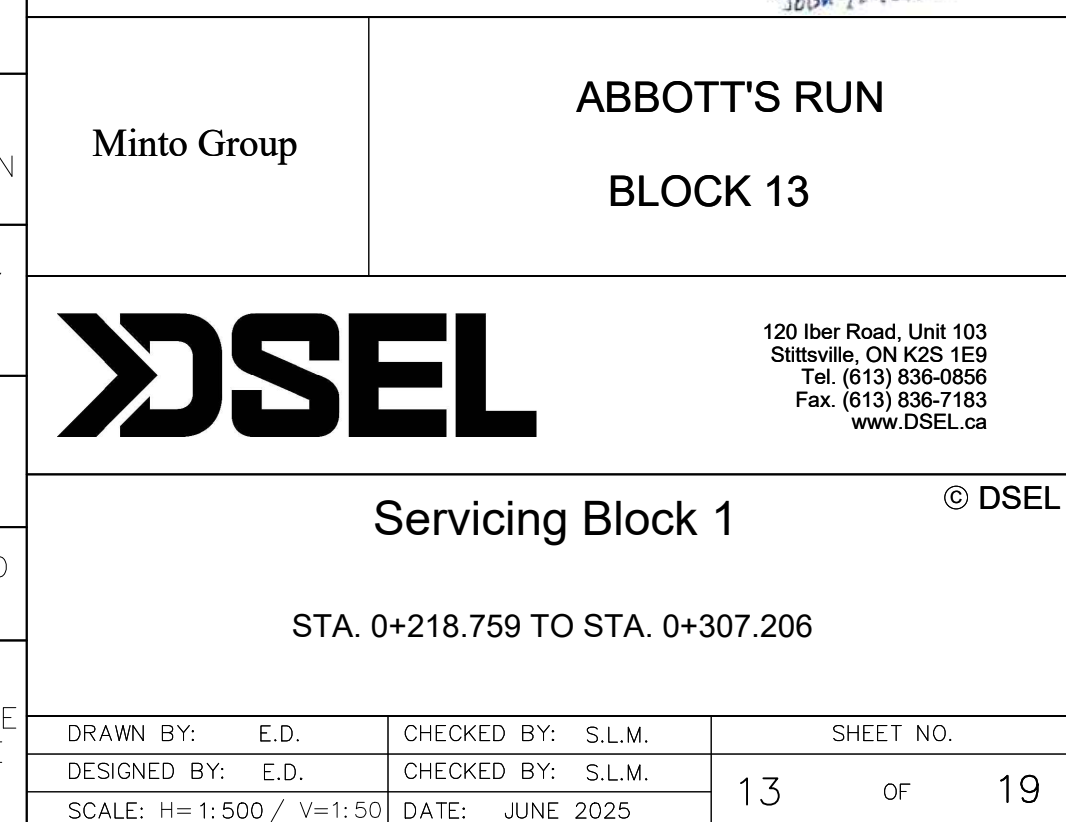
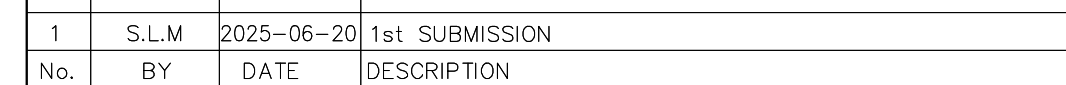
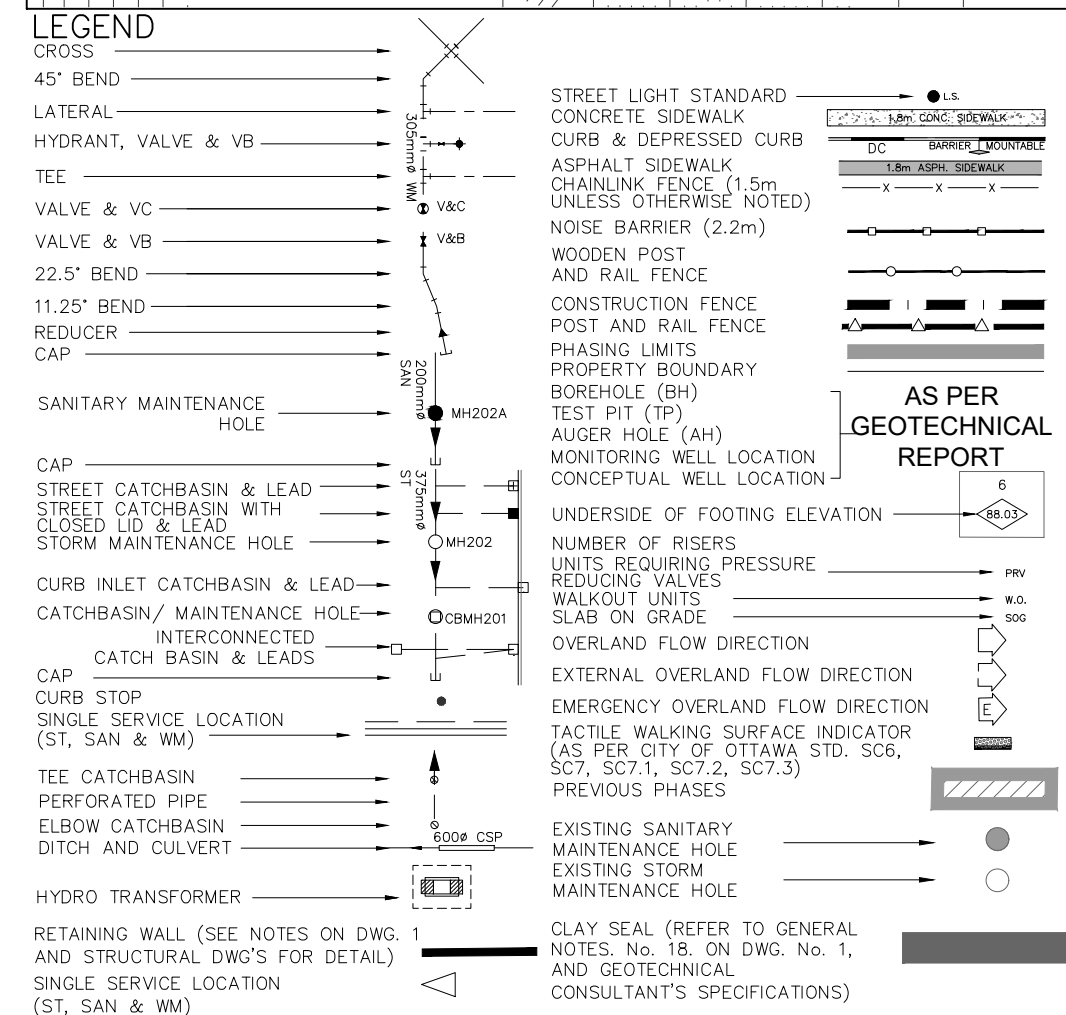
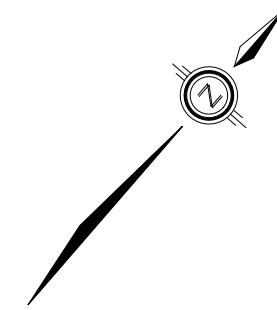
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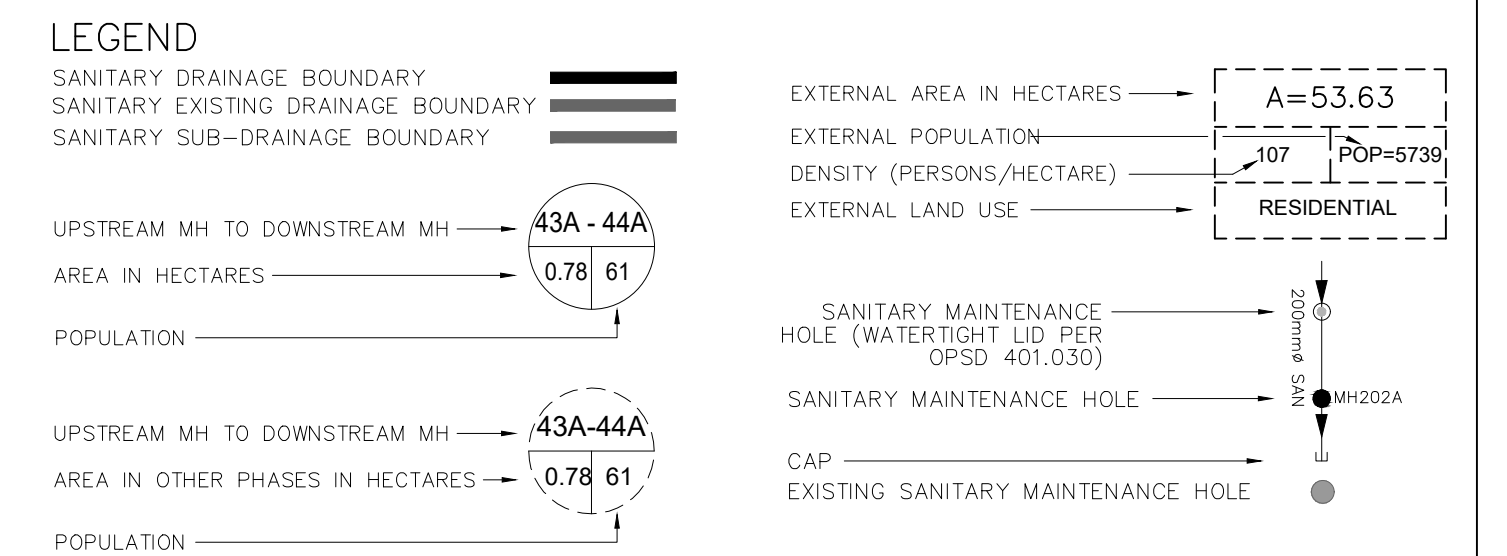
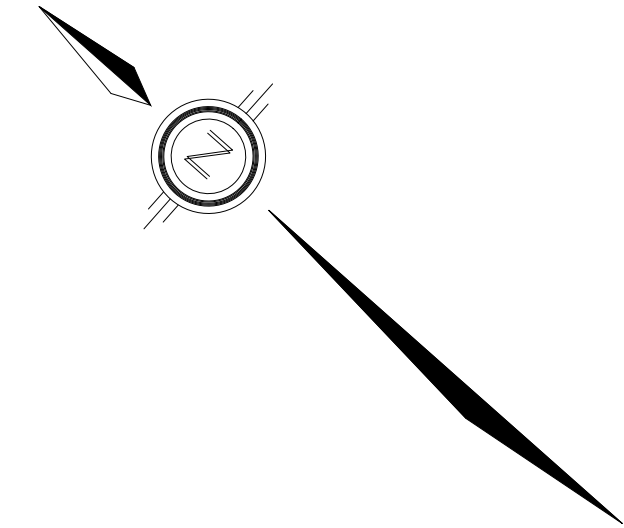
Servicing Block 1

STA. 0+78.739 TO STA. 0+218.759

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DESIGNED BY: E.D.	CHECKED BY: S.L.M.	12 OF 19
SCALE: H=1:500 / V=1:50	DATE: JUNE 2025	

1. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION
2. COMPENSATION TO VERIFY AND TOISE COVERINGS AND INVERT ELEVATIONS EX. UNDERGROUND SERVICES AND EX. UTILITIES PRIOR TO STARTING CONSTRUCTION
3. ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE PERMITTED
4. PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS
5. FORTY PERMANENT STUBS, 2.4m MIN. COVER TO BE PROVIDED
6. ANY DISTURBED MATERIAL EXPOSED BEING REPLACED TO SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED FILL TO MEET ALL AS PER GEO-CHEMICAL ENGINEERS RECOMMENDATION
7. ALL CATCHBASIN DATA, REFER TO DWG. No. 2 FOR DETAILS
8. ALL DWELLINGS TO BE PROVIDED WITH PRESSURE REDUCING VALVES UNLESS OTHERWISE NOTED.
9. WATERMAIN INSULATION TO BE PROVIDED WITH CITY STD. W25
10. WATERMANS OVER SEWERS TO BE PER CITY STD. W25.2
11. WATERMANS UNDER SEWERS TO BE PER CITY STD. W25





TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CCVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM85U0502.
ELEVATION = 106.039 m



Ottawa

**CITY OF
OTTAWA**

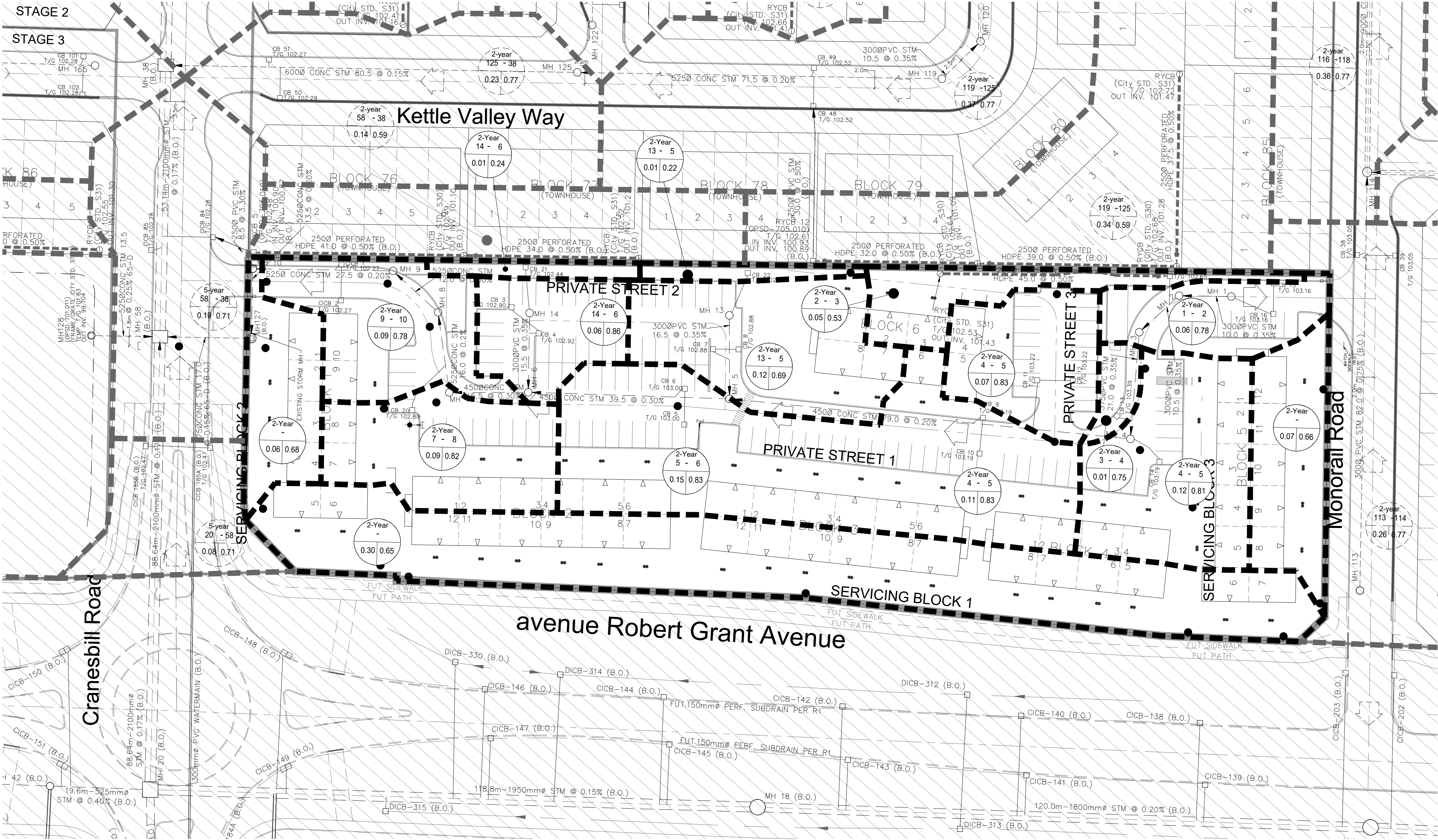
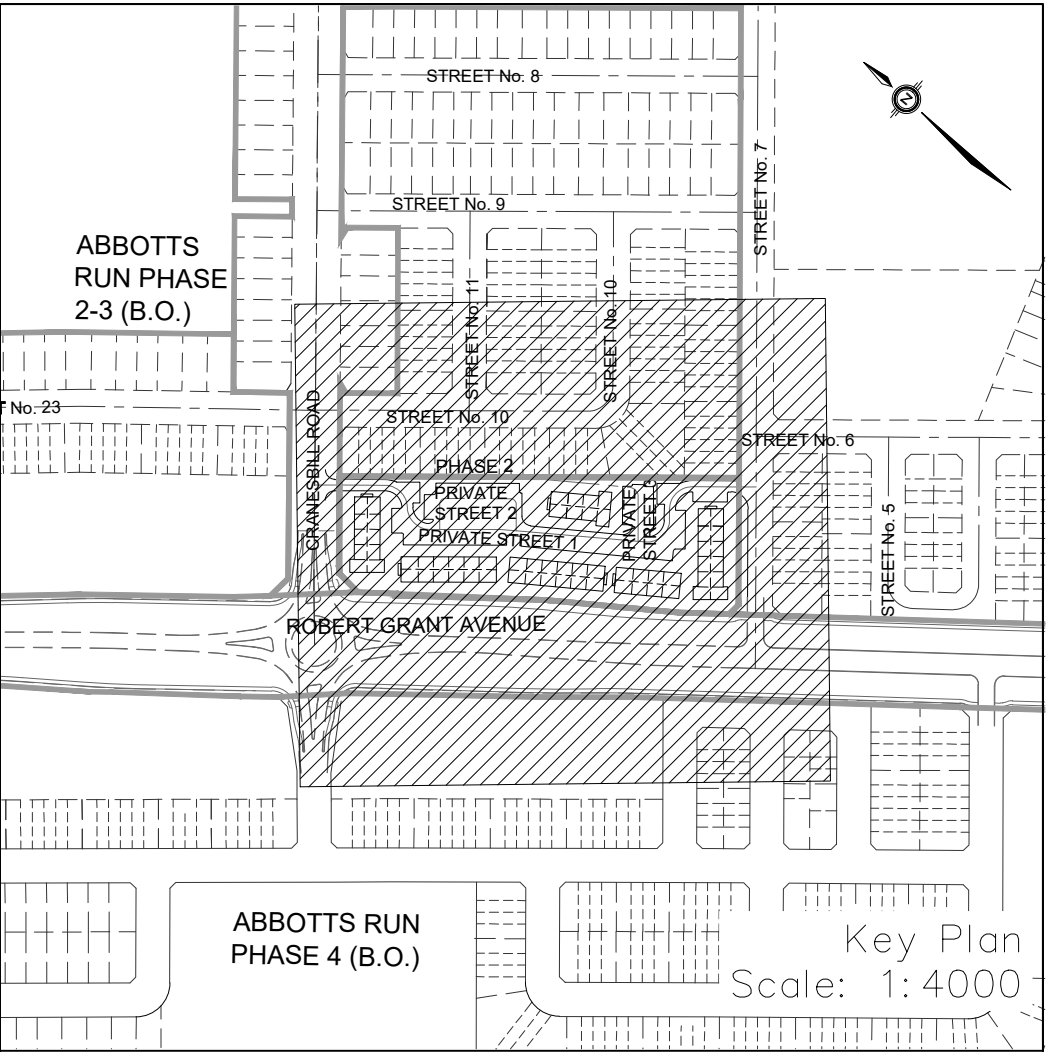
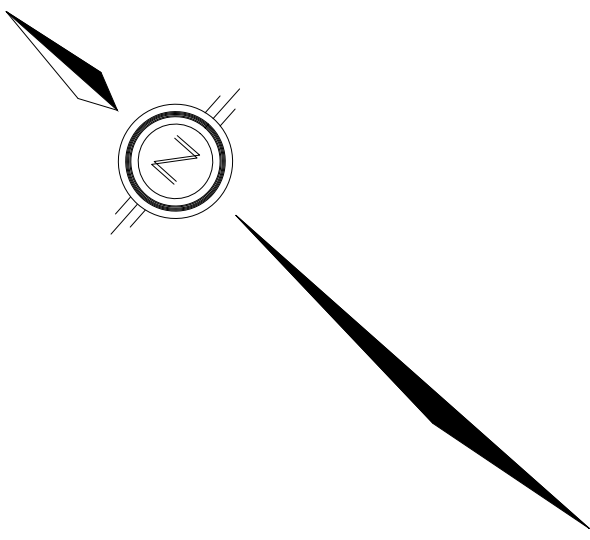
PROJECT No. 1295_Block13



DSEL

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Fax. (613) 836-7183
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DESIGNED BY: E.D.	CHECKED BY: S.L.M.	15	OF 19
SCALE: 1:500	DATE: JUNE 2025		



LEGEND	
STORM DRAINAGE BOUNDARY	STREET CATCHBASIN & LEAD
SUB-DRAINAGE BOUNDARY	STREET CATCHBASIN WITH
STORM DRAINAGE BOUNDARY (OTHER PHASES)	CLOSED LID & LEAD
STORM FREQUENCY	MAINTENANCE HOLE
UPSTREAM MH TO DOWNSTREAM MH	
AREA IN HECTARES	2-YR
RUNOFF COEFFICIENT	43 - 44
EXTERNAL 2.78AC =	0.37 0.51
EXTERNAL TIME OF CONCENTRATION	2.78AC=14.40
EXTERNAL BLENDED RUNOFF COEFFICIENT	TC=14.5 MIN
EXTERNAL STORM FREQUENCY	C=0.70 2YR
UPSTREAM MH TO DOWNSTREAM MH	2-year
AREA IN OTHER PHASES IN HECTARES	125 - 38
RUNOFF COEFFICIENT	0.23 0.77

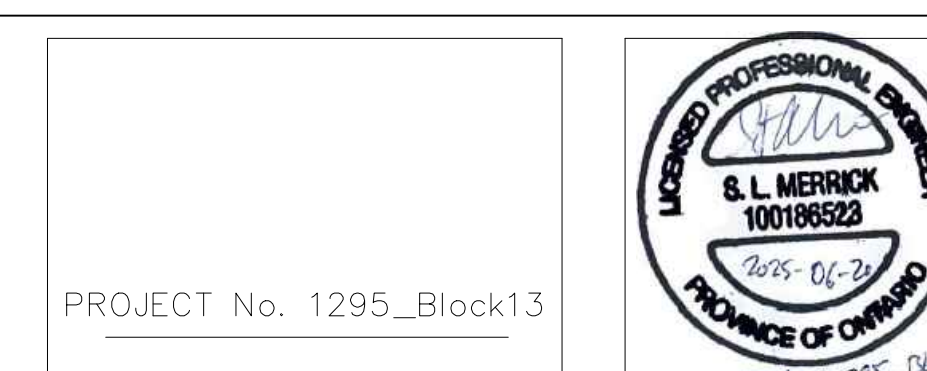
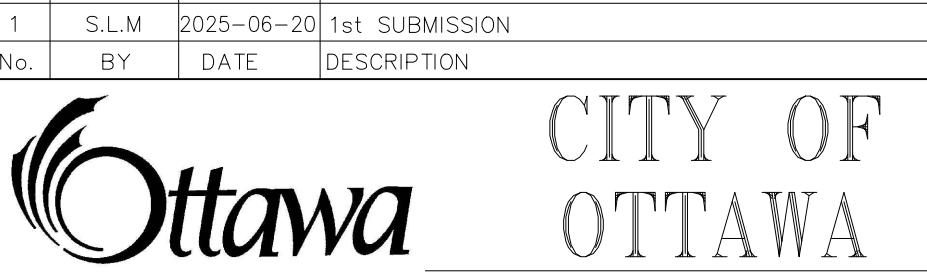
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TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM8BU502.
ELEVATION = 106.039 m

1	S.L.M	2025-06-20	1st SUBMISSION
No.	BY	DATE	DESCRIPTION



PROJECT No. 1295_Block13

Minto Group

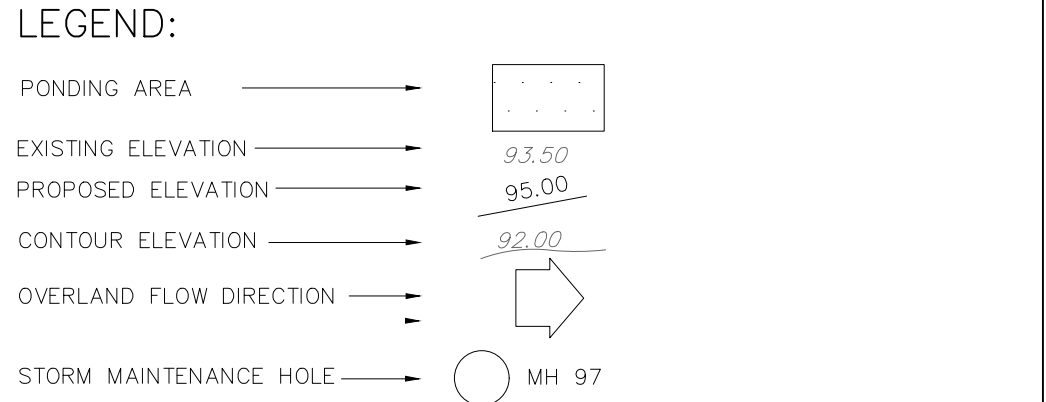
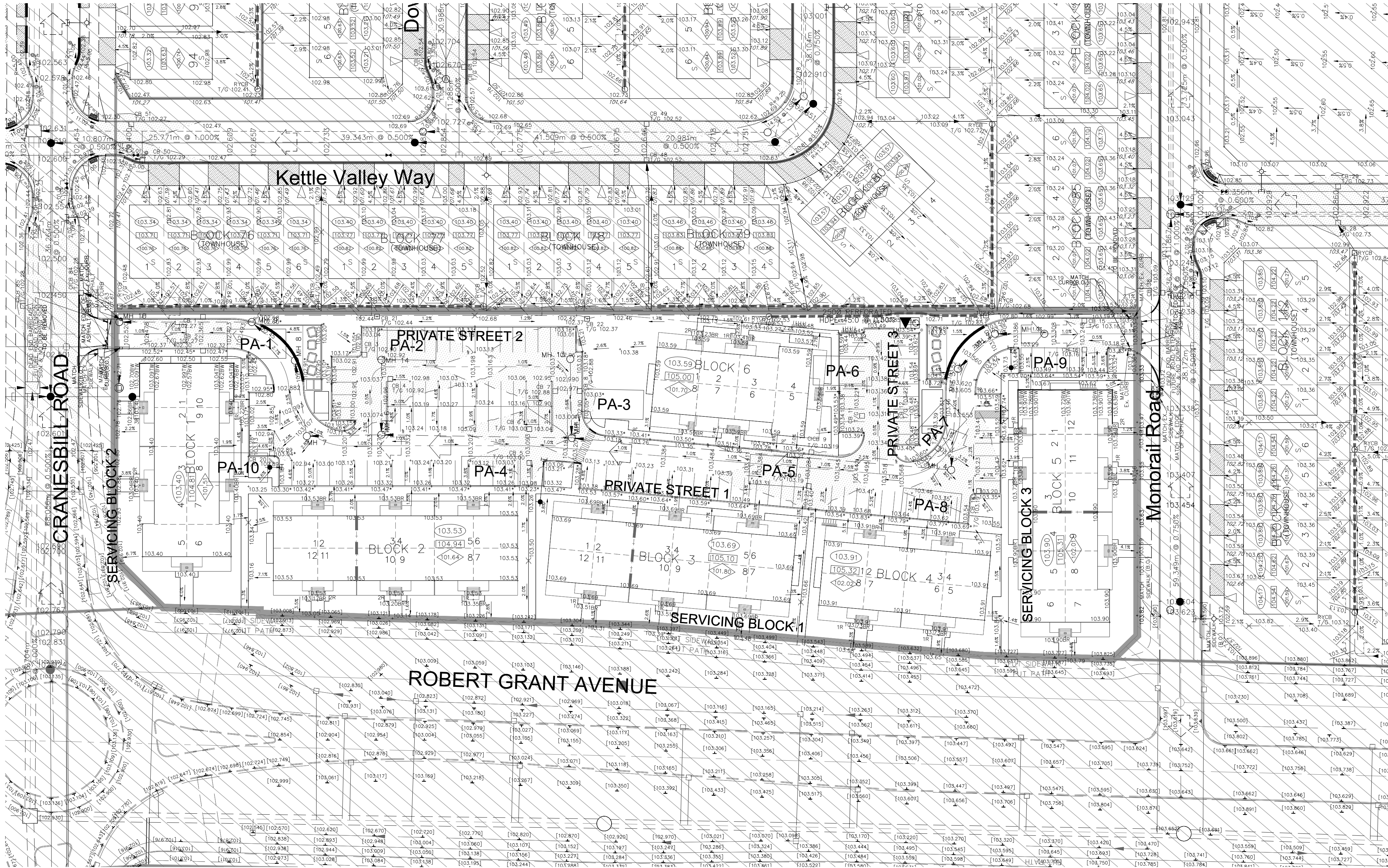
ABBOTT'S RUN
BLOCK 13

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STORM DRAINAGE PLAN

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DESIGNED BY: E.D.	CHECKED BY: S.L.M.	16 OF 19
SCALE: 1:500	DATE: JUNE 2025	



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TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRM ARCHITECTS, DATED ON JUNE 10, 2025.

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ELEVATION = 106.039 m

1

S.L.M.

2025-06-20

1st SUBMISSION

No.

BY

DATE

DESCRIPTION

CITY OF OTTAWA

PROJECT No. 1295_Block13

100 Year Ponding Stress Test								
PONDING AREA	CB ID		T/G	100 YEAR PONDING ELEVATION		100 YEAR +20% PONDING ELEVATION		ICD Size (m)
				Elevation(m)	Depth(m)	Elevation(m)	Depth(m)	
PA-1	CB_1	CB_2	102.27	102.59	0.32	102.62	0.35	0.083
PA-10	CB_20		102.89	103.05	0.16	103.07	0.18	0.094
PA-2	CB_3	CB_4	102.90	103.03	0.13	103.08	0.18	0.083
PA-3	CB_7	CB_8	102.88	103.10	0.22	103.31	0.43	0.083
PA-4	CB_5	CB_6	103.00	103.22	0.22	103.30	0.3	0.108
PA-5	CB_9	CB_10	103.19	103.37	0.18	103.45	0.26	0.094
PA-6	CB_11	CB_12	103.22	103.32	0.1	103.36	0.14	0.083
PA-7	CB_13		103.39	103.39	0	103.57	0.18	0.083
PA-8	CB_14		103.19	103.48	0.29	103.63	0.44	0.094
PA-9	CB_15	CB_16	103.16	103.26	0.1	103.28	0.12	0.083

Minto Group

ABBOTT'S RUN
BLOCK 13

120 Iber Road, Unit 103
Stittsville, ON K2S 1E9
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100 YEAR + 20% PONDING AREA PLAN
AND ICD PLAN

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SHEET NO.

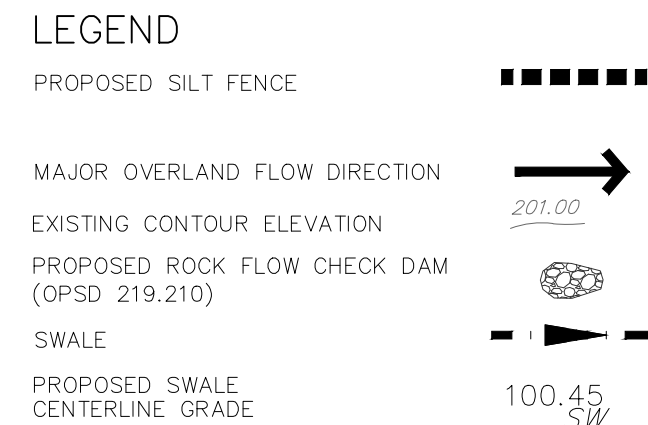
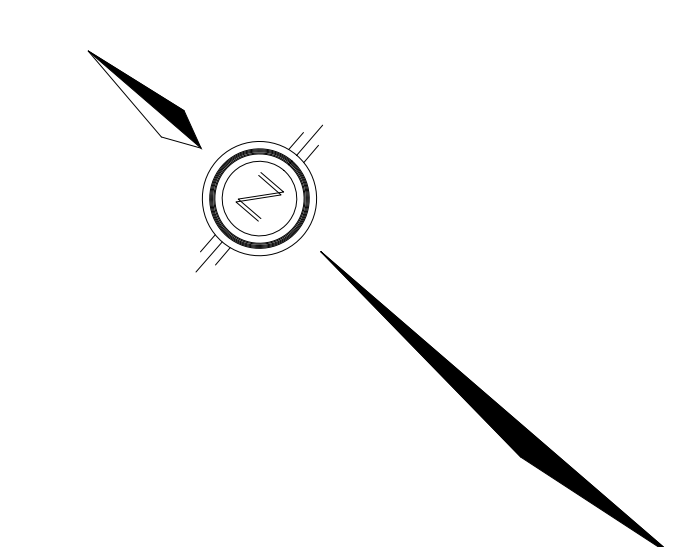
DESIGNED BY: E.D.

CHECKED BY: S.L.M.

17 OF 19

SCALE: 1:500

DATE: JUNE 2025



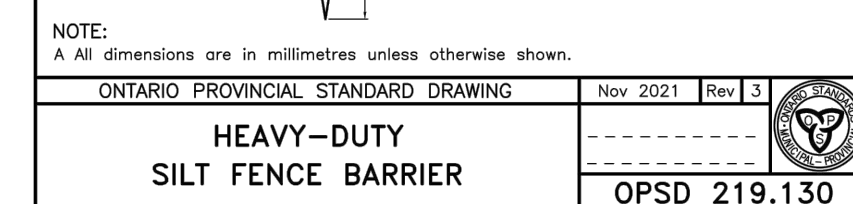
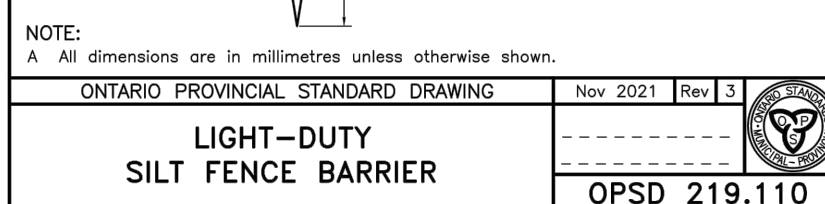
INSPECTION OF THE ESC MEASURES NEED TO BE PERFORMED BY A PERSONS WHO HAVE OBTAINED THE RELEVANT EDUCATION AND TRAINING AND HAVE DEMONSTRATED EXPERIENCE AND EXPERTISE IN THE AREAS RELATING TO THE WORK REQUIRED TO BE CARRIED OUT.

PROPOSED SWALE
CENTERLINE GRADE

CITY OF



DRAWN BY: E.D.	CHECKED BY: S.L.M.	SHEET NO.	
DESIGNED BY: E.D.	CHECKED BY: S.L.M.	18	OF 19
SCALE: 1:500	DATE: JUNE 2025		

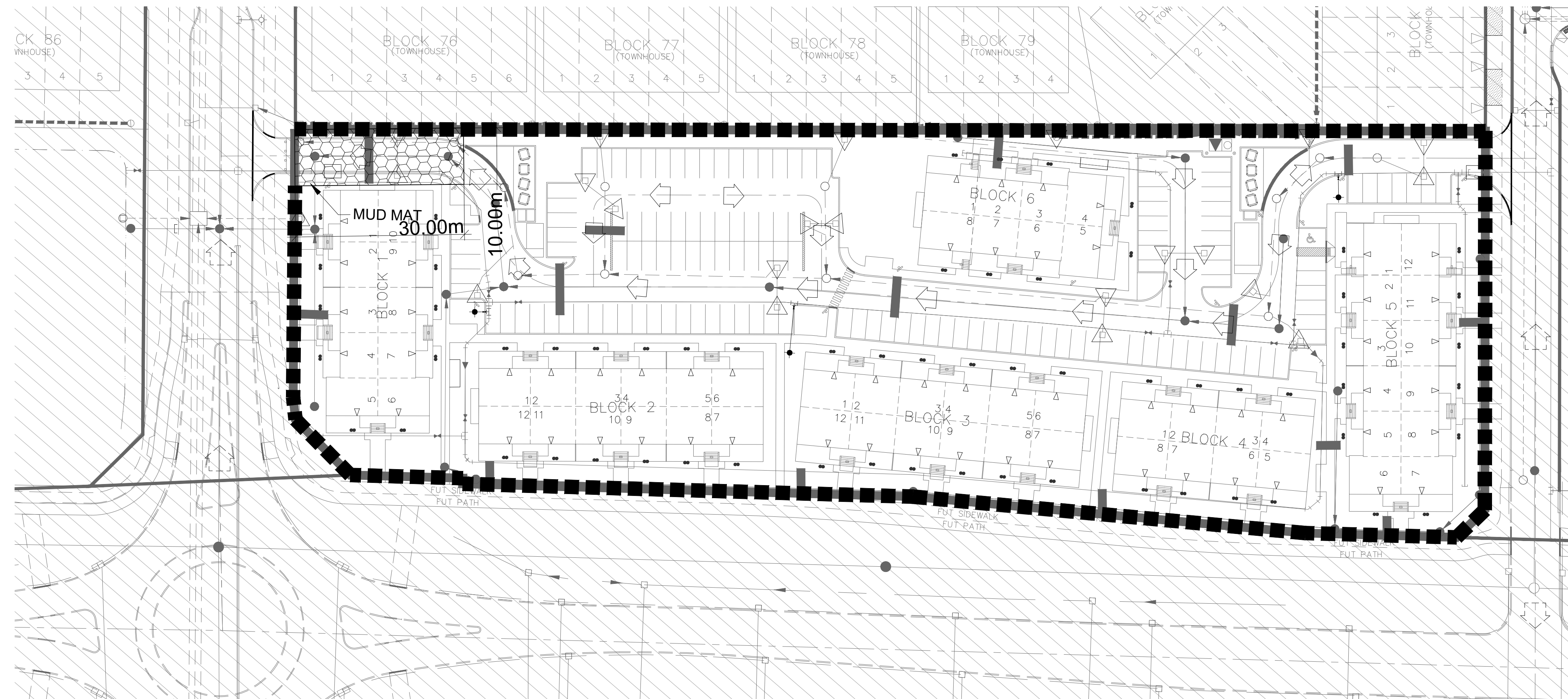
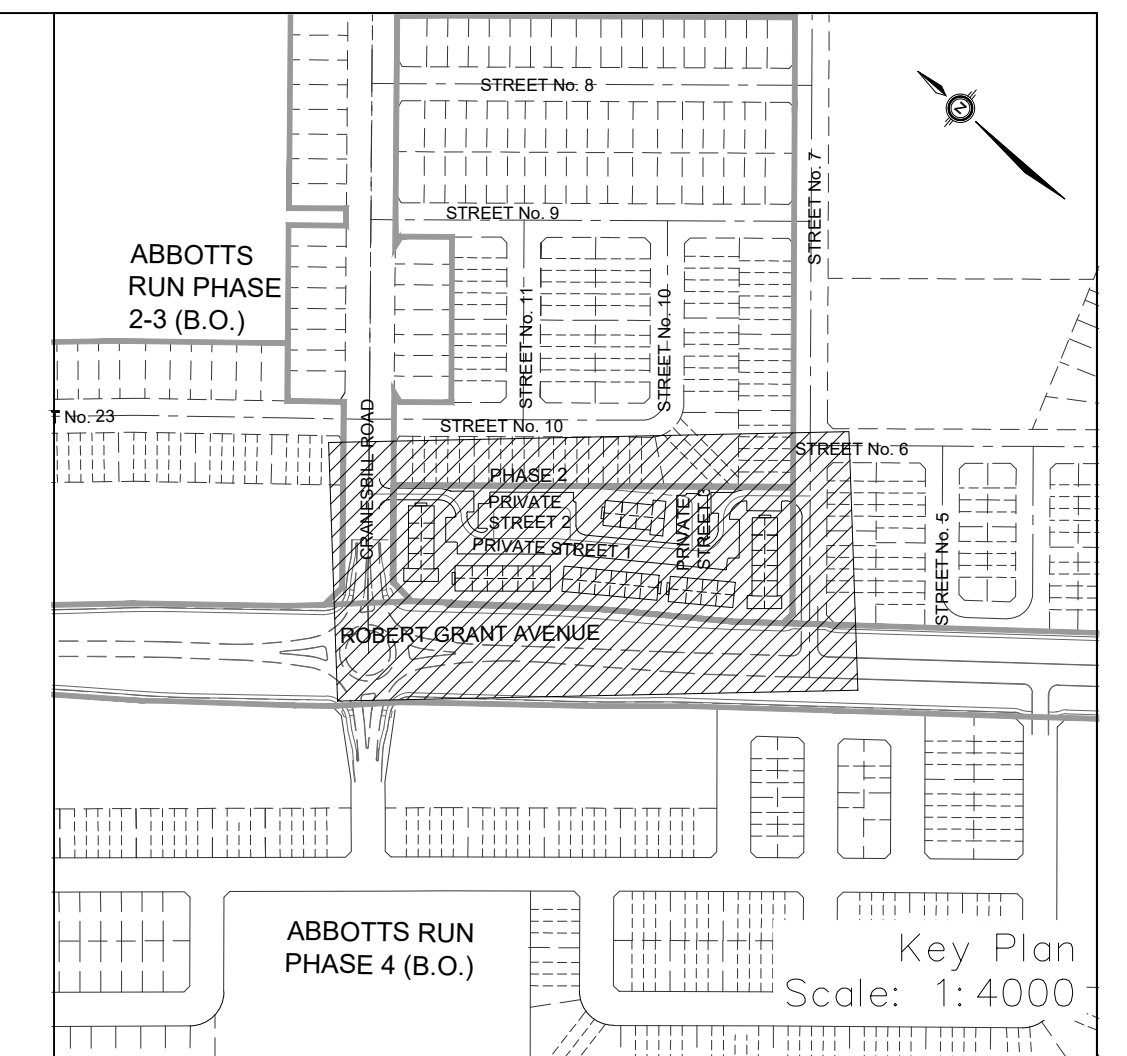
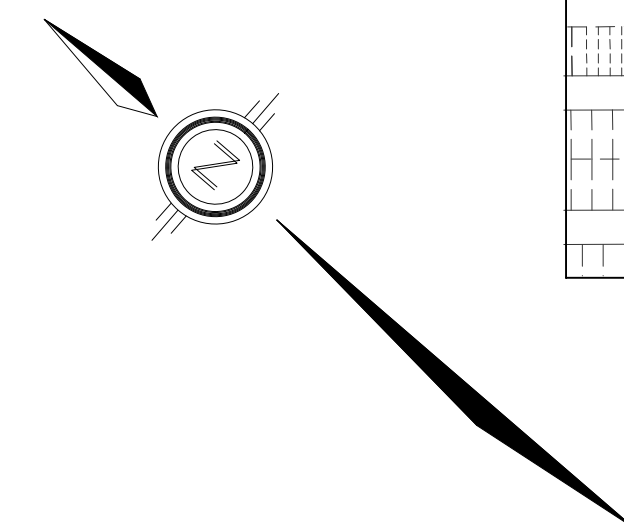


FILTER CLOTH
TERRAFIX 270R

MUD MAT DETAIL
SCALE N.T.S.

THESE DATA WERE OBTAINED FROM

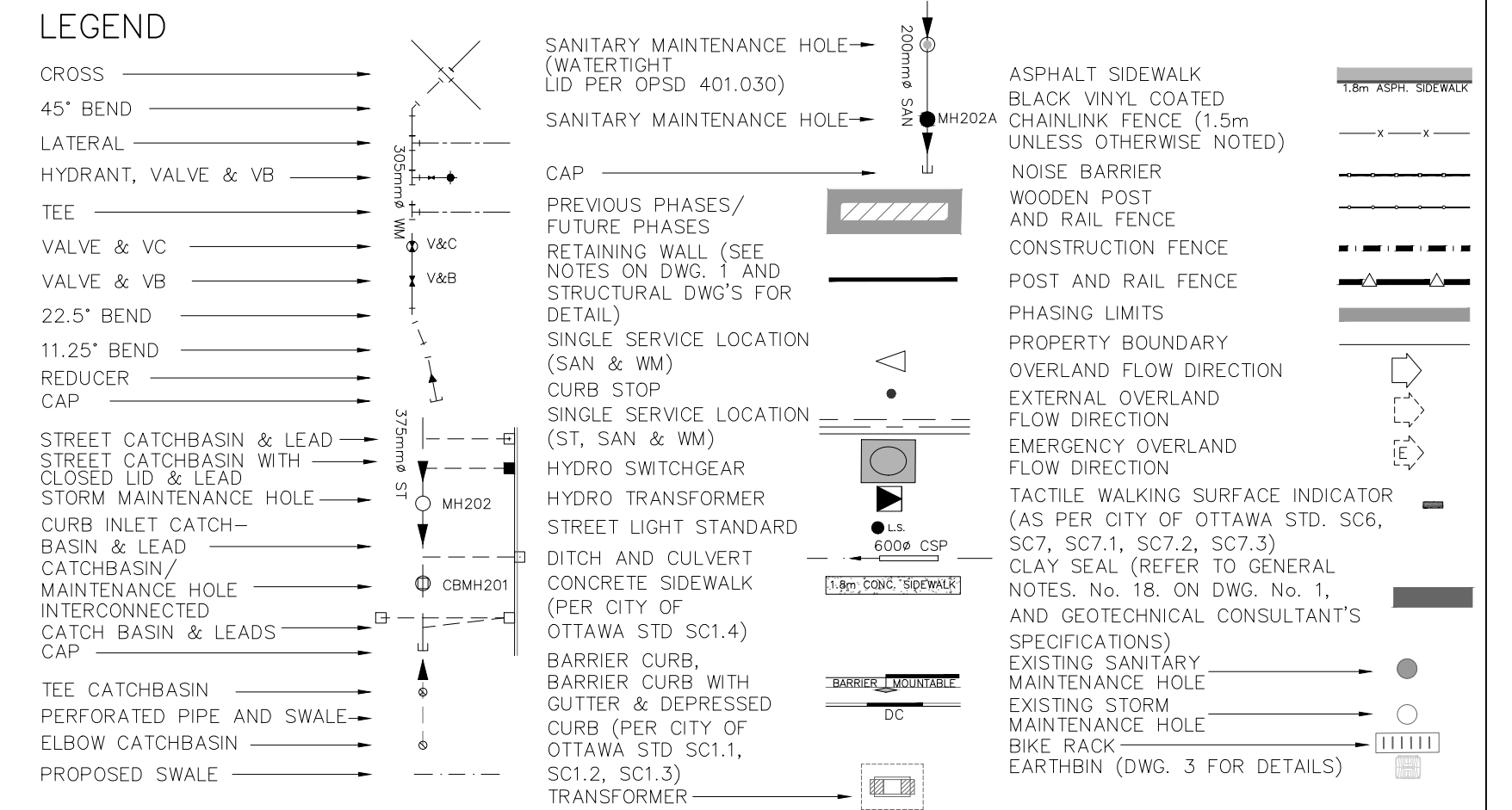
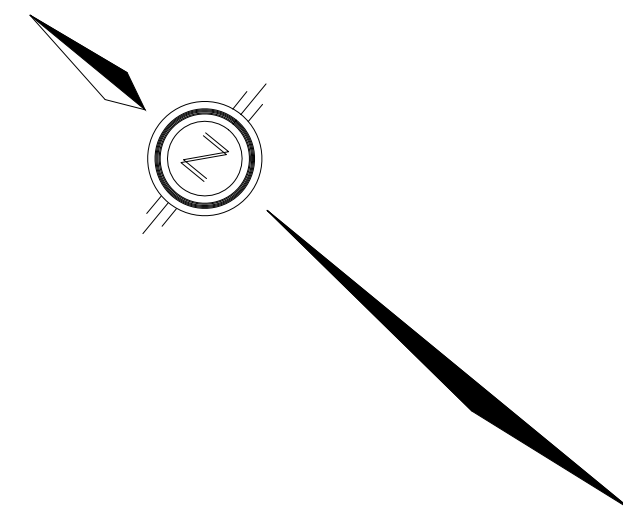




INSPECTION OF THE ESC MEASURES NEED TO BE PERFORMED BY A PERSONS WHO HAVE OBTAINED THE RELEVANT EDUCATION AND TRAINING AND HAVE DEMONSTRATED EXPERIENCE AND EXPERTISE IN THE AREAS RELATING TO THE WORK REQUIRED TO BE CARRIED OUT.

ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACEMENT WITHIN 48 HOURS OF THE INSPECTION. THE ENVIRONMENTAL MONITOR IS REQUIRED TO SUBMIT UPDATES TO THE TOWN/ REGION/ CONSERVATION AUTHORITY BY EMAIL IN A TIMELY MANNER. SEDIMENT SHOULD BE REMOVED FROM THE SEDIMENT CONTROL FENCING ONCE SEDIMENT HAS ACCUMULATED TO A LEVEL ONE-THIRD THE HEIGHT OF FENCING OR TO A HEIGHT OF 30 cm. ANY AMOUNT OF ACCUMULATED SEDIMENT SHOULD BE REMOVED PRIOR TO THE REMOVAL OF THE CONTROL MEASURES.

DRAWN BY: E.D.	CHECKED BY: S.L.M.	19	OF	19
DESIGNED BY: E.D.	CHECKED BY: S.L.M.			
SCALE: 1:500	DATE: JUNE 2025			




<p>NOTES:</p> <p>1. ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE</p>	<p>TOPOGRAPHIC INFORMATION</p> <p>TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022</p>
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2. CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF EX. UNDERGROUND SERVICES AND EX. UTILITIES

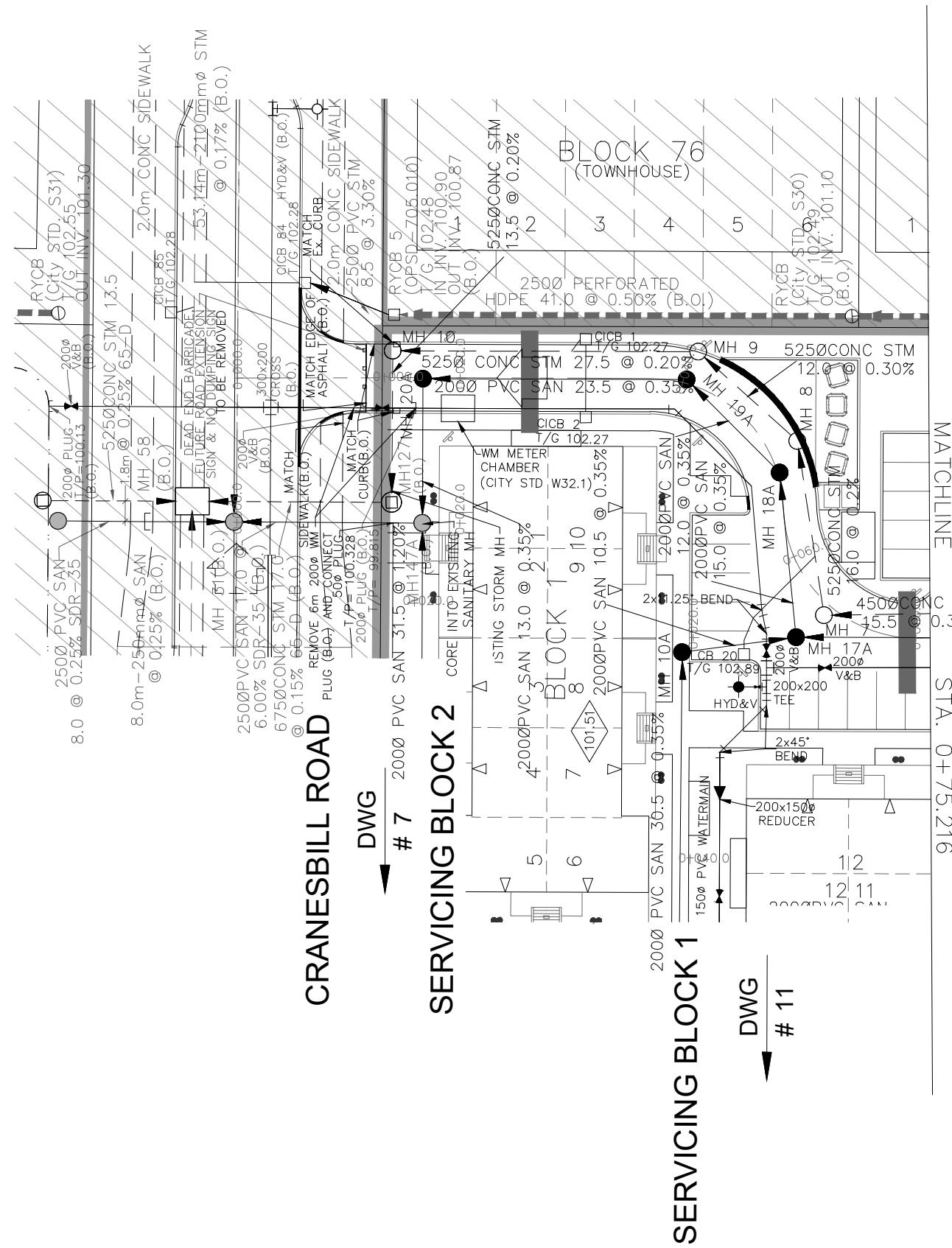
3. ALL EXISTING ABOVE GROUND FEATURES, E.G. MH/CHAMBER COVERS, PEDESTALS, HYDRO AND LIGHT POLES, ETC. AFFECTED BY THE ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM88U502.

ELEVATION = 106.039 m

Minto Group		ABBOTT'S RUN BLOCK 13	
		120 Iber Road, Unit 103 Sittsville, ON K2S 1E9 Tel. (613) 835-0856 Fax. (613) 835-7183 www.DSEL.ca	
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DRAWN BY: E.D.	CHECKED BY: S.L.M.	SHEET NO.	
DESIGNED BY: E.D.	CHECKED BY: S.L.M.	3	OF 19
SCALE: 1:500	DATE: JUNE 2025		

NOTES:

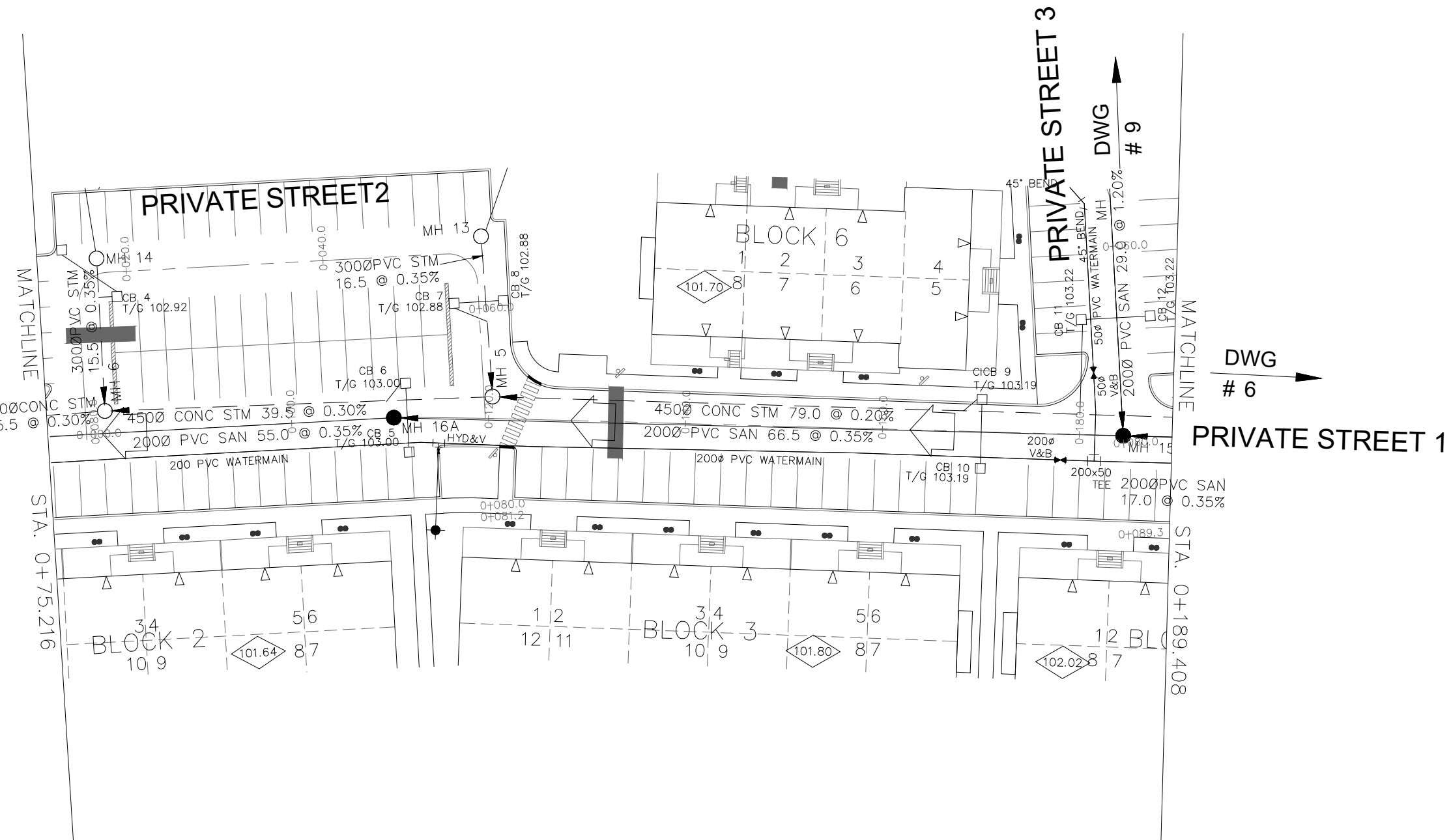
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5. FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED
6. ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION
7. FOR CATCHBASIN DATA, REFER TO DWG. No. 2 FOR DETAILS
8. ALL DWELLINGS TO BE PROVIDED WITH PRESSURE REDUCING VALVES UNLESS OTHERWISE NOTED.
9. WATERMAIN INSULATION TO BE PROVIDED PER CITY STD. W22.
10. WATERMANS OVER SEWERS TO BE PER CITY STD. W25.2
11. WATERMANS UNDER SEWERS TO BE PER CITY STD. W25



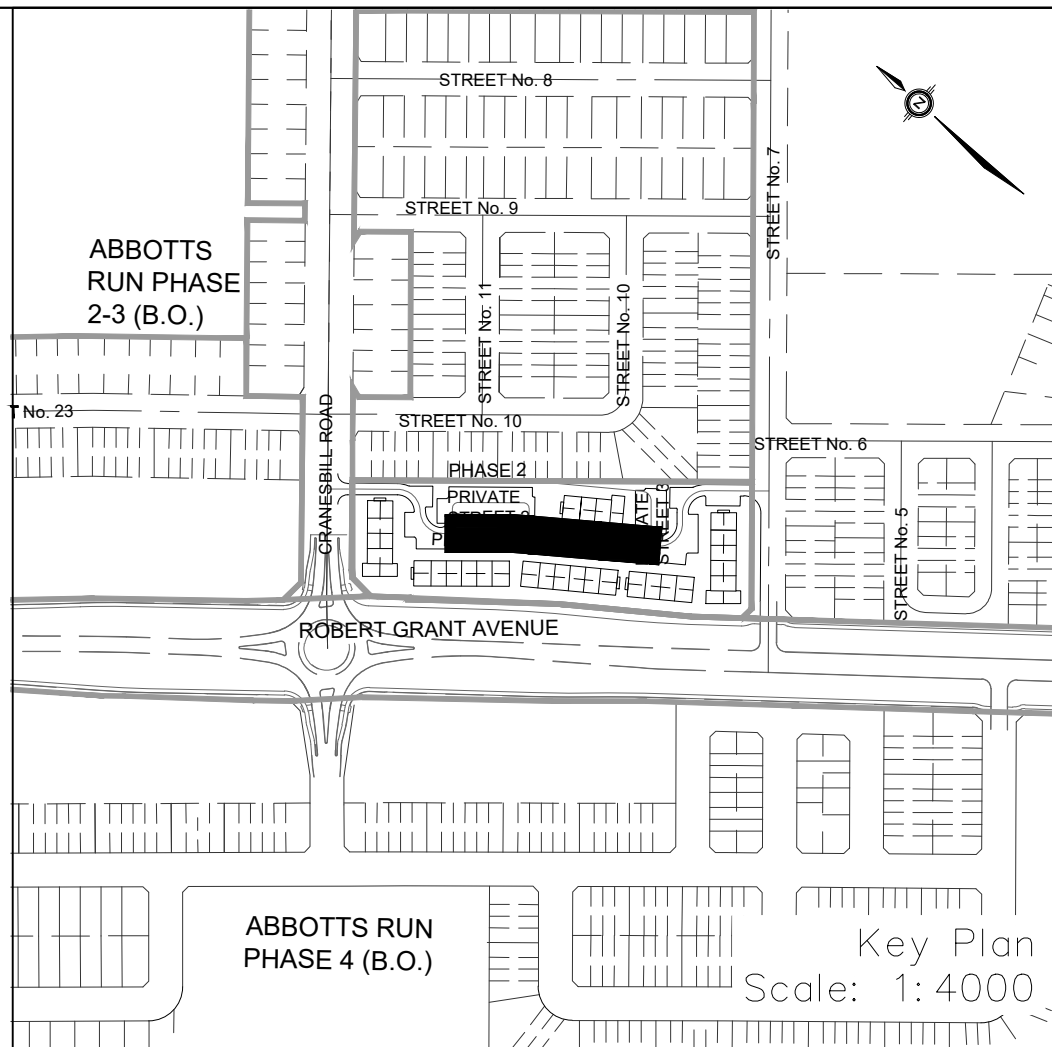
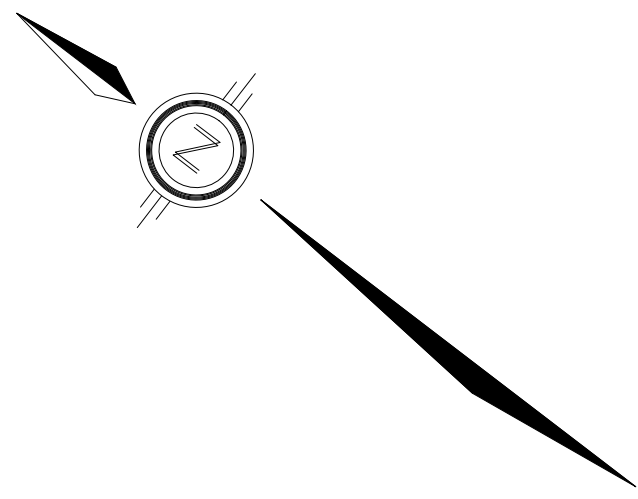
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DWG
4
PRIVATE STREET 1



DWG
6
PRIVATE STREET 1



LEGEND

CROSS	STREET LIGHT STANDARD
45° BEND	CONCRETE SIDEWALK
LATERAL	CURB & DEPRESSION CURB
HYDRANT, VALVE & VB	ASPHALT SIDEWALK
TEE	CHAIN LINK FENCE (1.5m UNLESS OTHERWISE NOTED)
VALVE & VC	NOISE BARRIER (2.2m)
VALVE & VB	WOODEN POST AND RAIL FENCE
22.5° BEND	CONSTRUCTION FENCE
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REDUCER	PHASING LIMITS
CAP	PROPERTY BOUNDARY
SANITARY MAINTENANCE HOLE	BORERHOLE (BH)
CAP	TEST PIT (TP)
STREET CATCHBASIN & LEAD	AUGER HOLE (AH)
STREET CATCHBASIN WITH CLOSED LID & LEAD	MONITORING WELL LOCATION
STORM MAINTENANCE HOLE	CONCEPTUAL WELL LOCATION
CURB INLET CATCHBASIN & LEAD	UNDERSIDE OF FOOTING ELEVATION
CATCHBASIN/ MAINTENANCE HOLE	NUMBER OF RISERS
INTERCONNECTED	UNITS REQUIRING PRESSURE
CATCH BASIN & LEADS	REDUCING VALVES
CAP	WALKOUT UNITS
CURB STOP	SLAB ON GRADE
SINGLE SERVICE LOCATION (ST, SAN & WM)	OVERLAND FLOW DIRECTION
TEE CATCHBASIN	EXTERNAL OVERLAND FLOW DIRECTION
PERFORATED PIPE	EMERGENCY OVERLAND FLOW DIRECTION
ELBOW CATCHBASIN	TACTILE WALKING SURFACE INDICATOR (AS PER CITY OF OTTAWA STD. SC6, SC7, SC7.1, SC7.2, SC7.3)
DITCH AND CULVERT	PREVIOUS PHASES
HYDRO TRANSFORMER	EXISTING SANITARY MAINTENANCE HOLE
RETAINING WALL (SEE NOTES ON DWG. 1 AND STRUCTURAL DWG'S FOR DETAIL)	EXISTING STORM MAINTENANCE HOLE
SINGLE SERVICE LOCATION (ST, SAN & WM)	CLAY SEAL (REFER TO GENERAL NOTES, No. 18, ON DWG. No. 1, AND GEOTECHNICAL CONSULTANT'S SPECIFICATIONS)

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION

SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

ELEVATION NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM VERTICAL CONTROL MONUMENT NO. BM8BU502. ELEVATION = 106.039 m

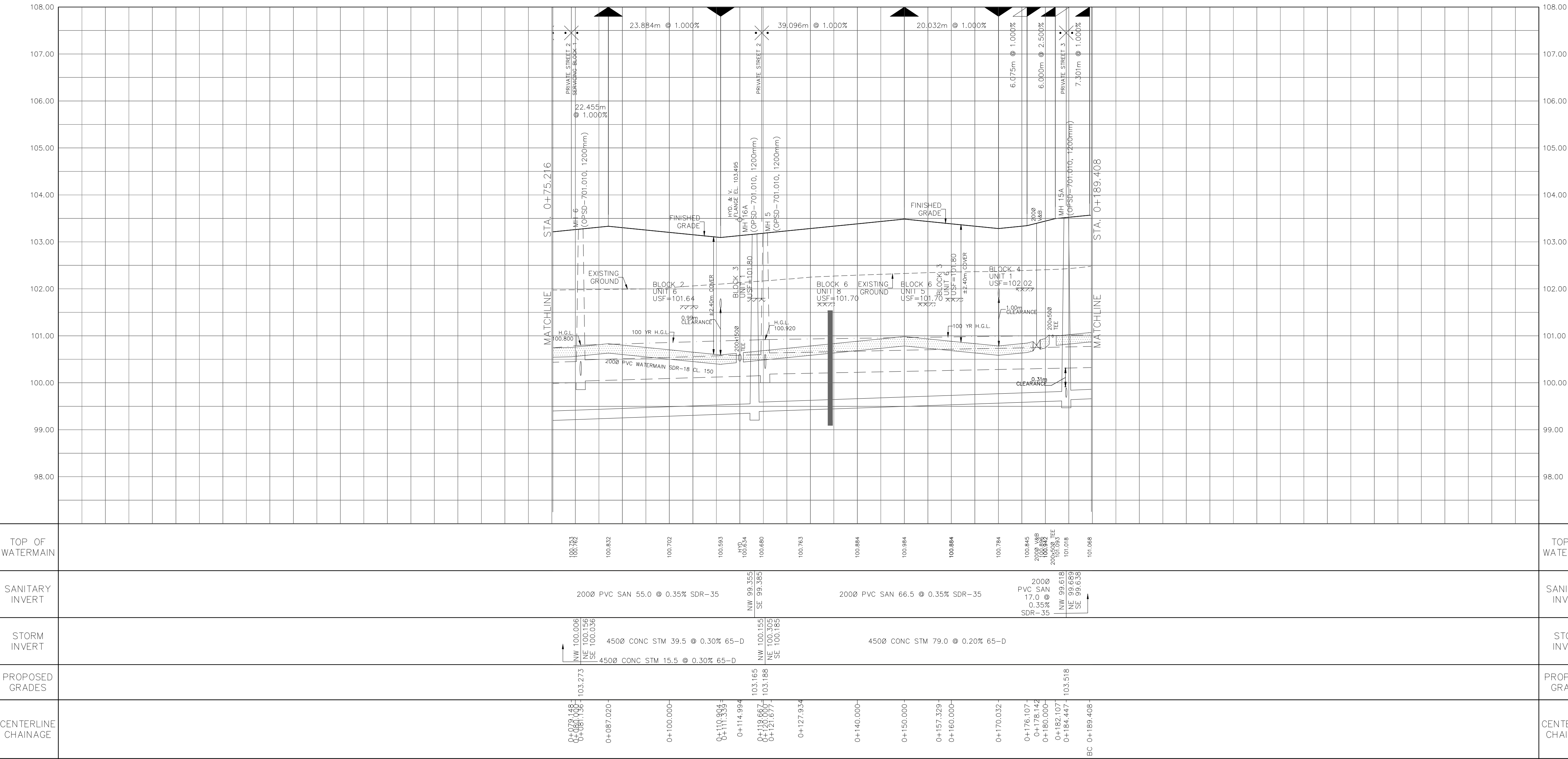
1	S.L.M.	2025-06-20	1st SUBMISSION
No.	BY	DATE	DESCRIPTION

CITY OF OTTAWA

PROJECT No. 1295_Block13

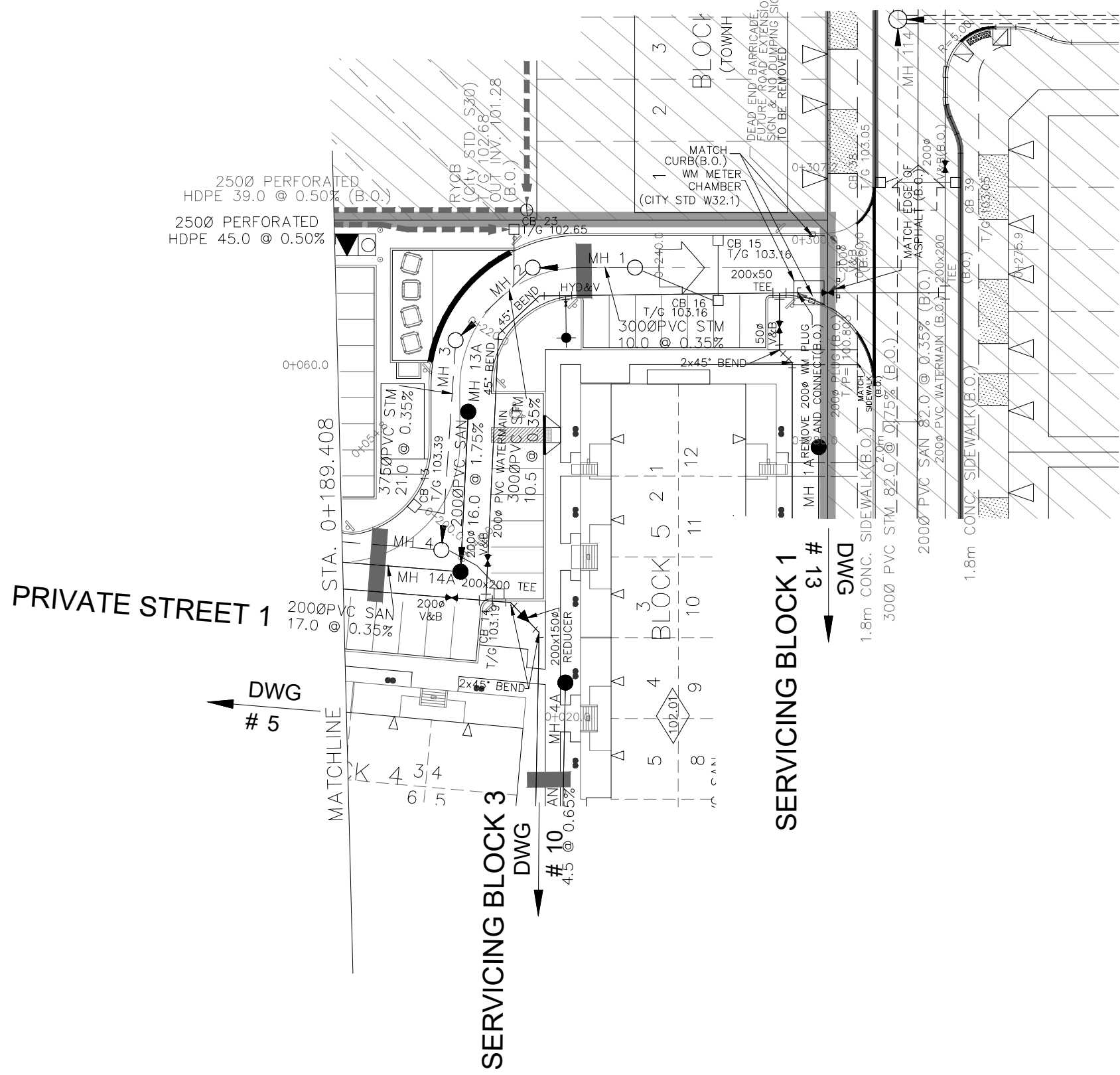
S & L MERRICK
100186322
2025-06-20
PROVINCE OF ONTARIO

Minto Group	ABBOTT'S RUN BLOCK 13	
DSEL	120 Iber Road, Unit 103 Stittsville, ON K2S 1E9 Tel: (613) 836-0856 Fax: (613) 836-7153 www.DSEL.ca	
Private Street 1 © DSEL		
STA. 0+75.216 TO STA. 0+189.408		
DRAWN BY: E.D.	CHECKED BY: S.L.M.	SHEET NO.
DESIGNED BY: E.D.	CHECKED BY: S.L.M.	5 OF 19
SCALE: H=1:500 / V=1:50 DATE: JUNE 2025		

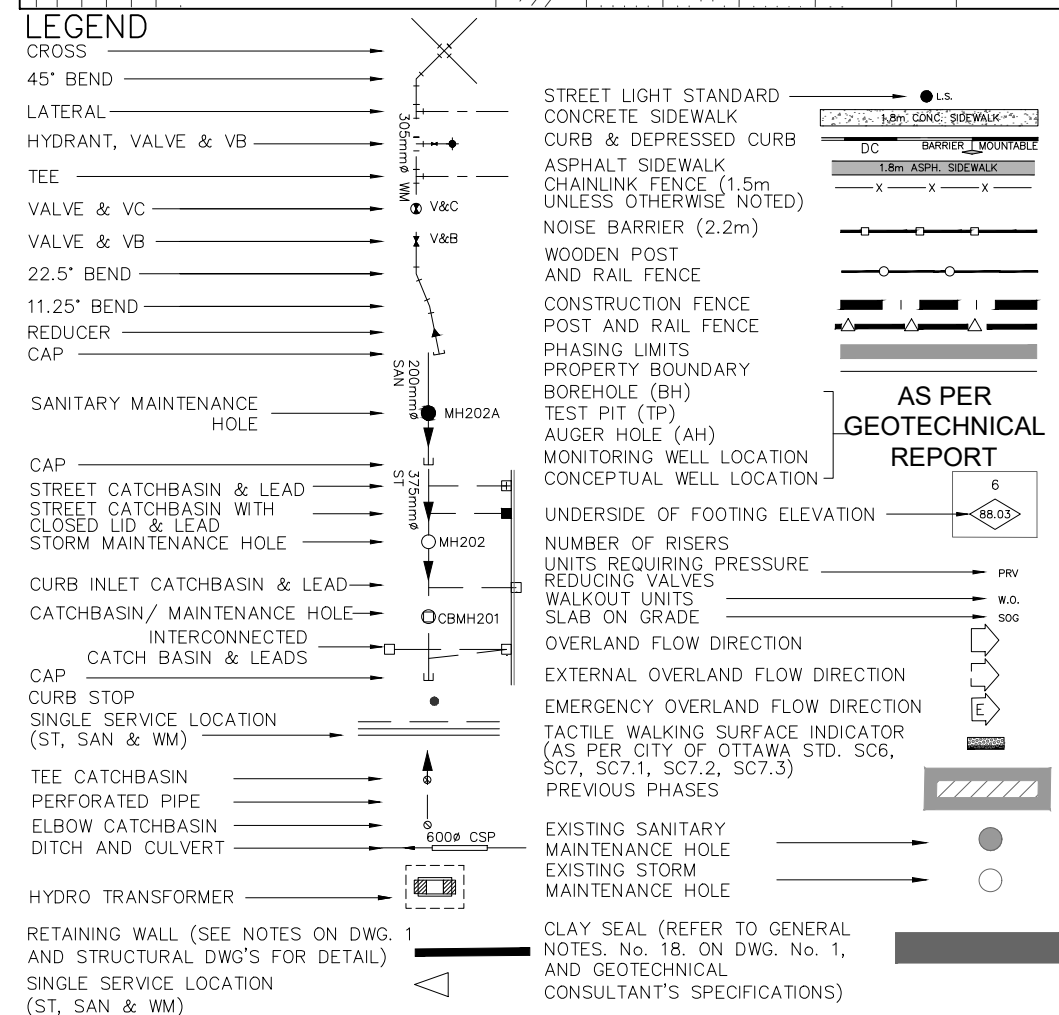
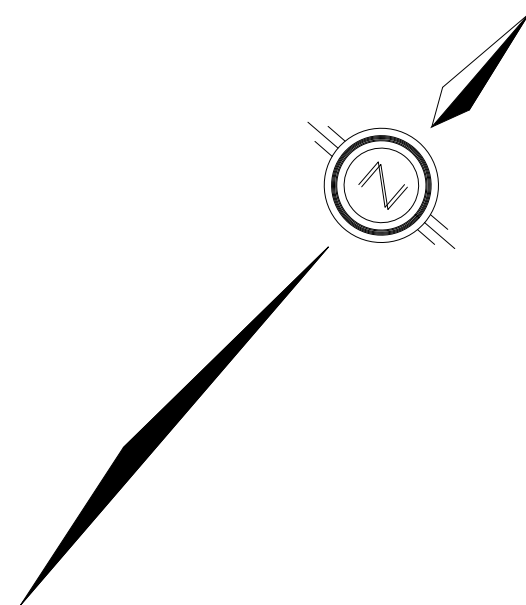


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4. FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED.
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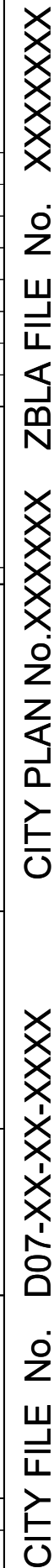
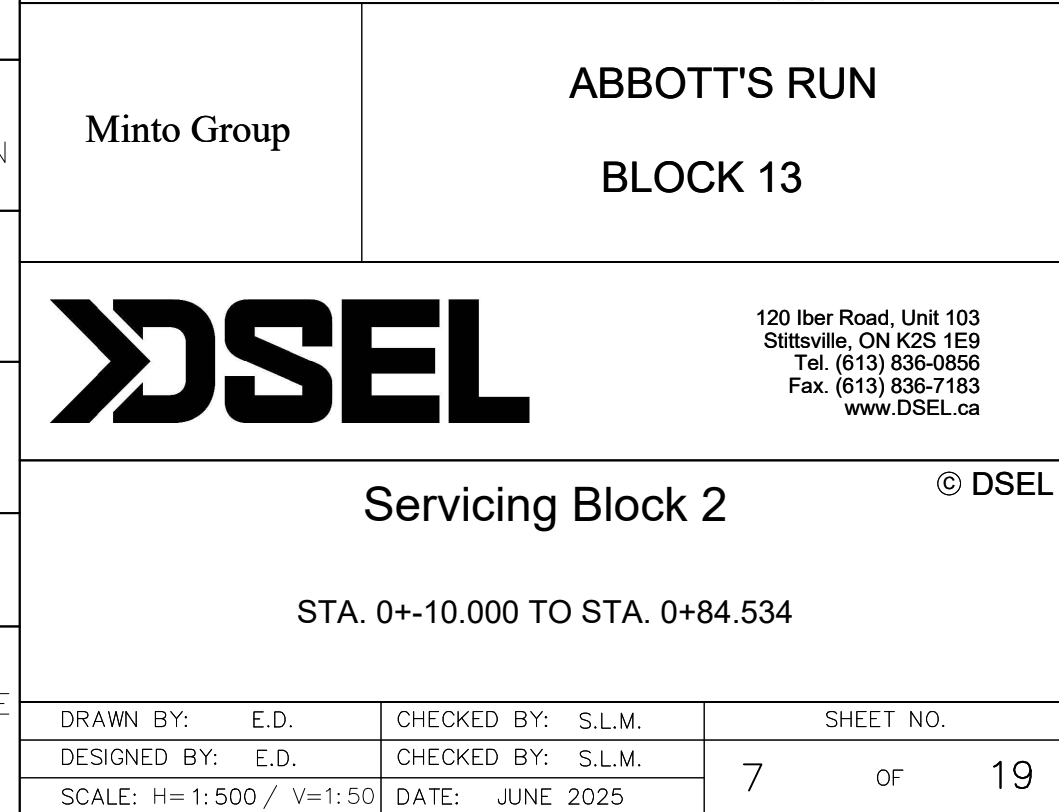


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6. ANY DISTURBED MATERIAL EXPOSED BEING REPLACED TO SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED AND RE-STRUCTURED TO MEET ALL AS PER GEO-ENGINEERING ENGINEERS RECOMMENDATION
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ELEVATION = 106.039 m

1	S.L.M	2025-06-20	1st SUBMISSION
No.	BY	DATE	DESCRIPTION

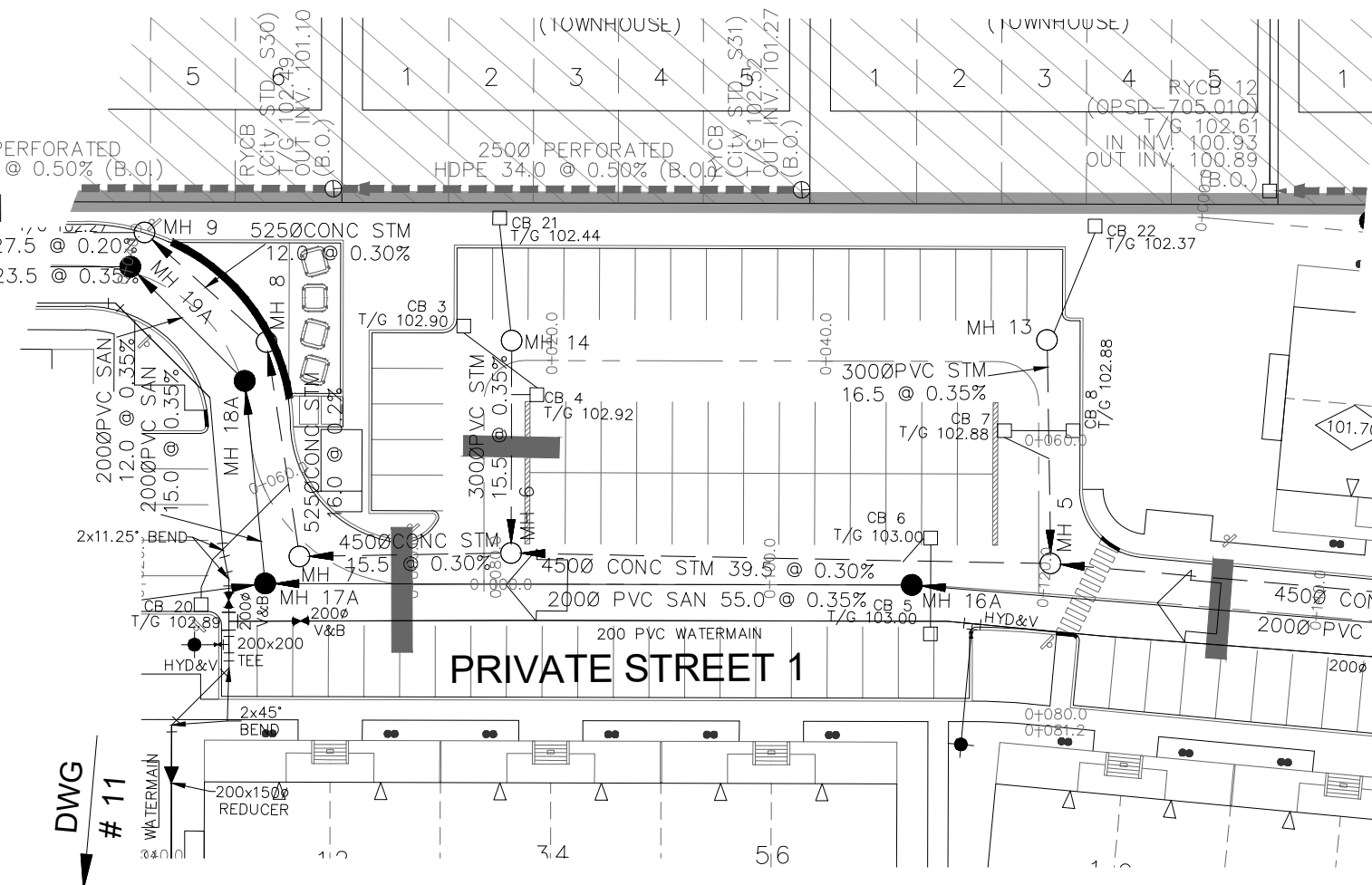


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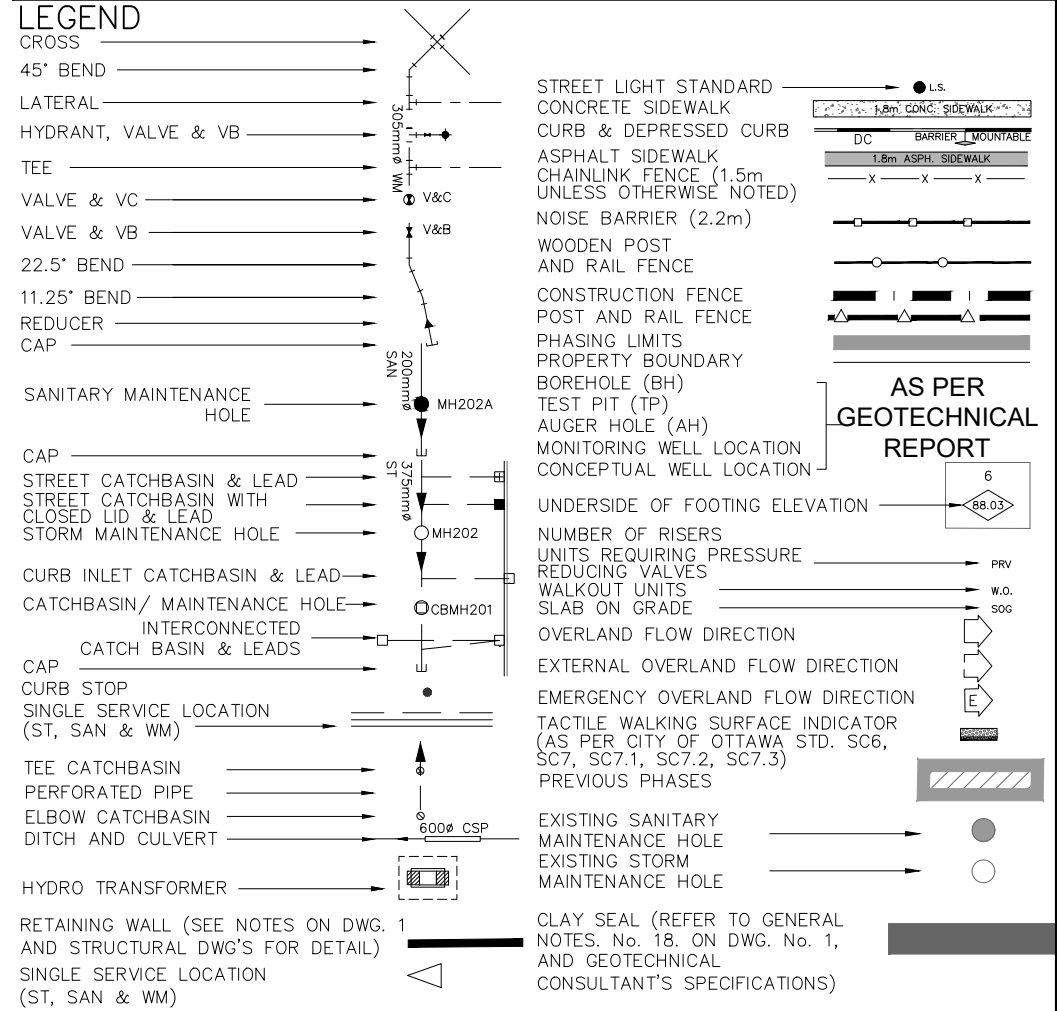
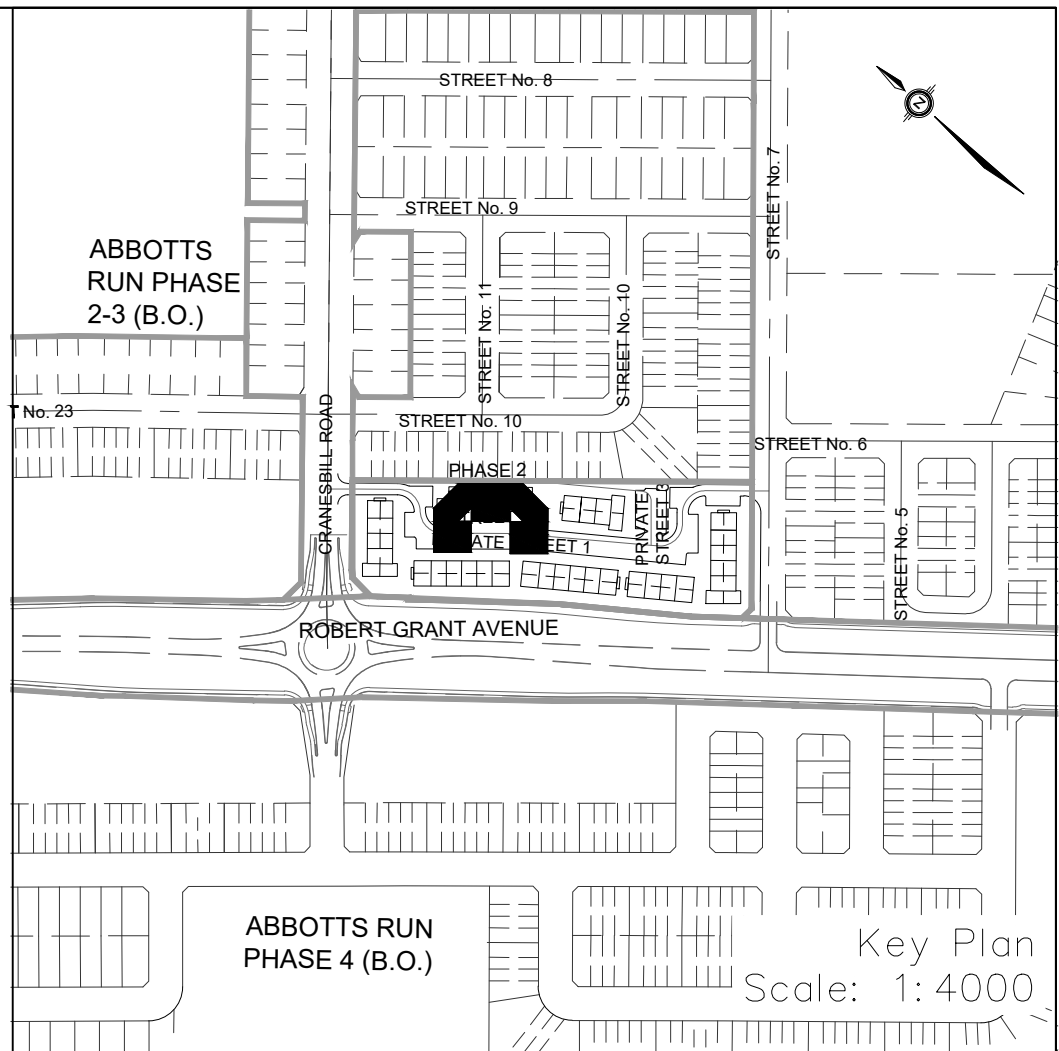
PRIVATE STREET 1

DWG
4



PRIVATE STREET 1

DWG
5



NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS, DATED ON JUNE 10, 2025.

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ELEVATION = 106.039 m

1

S.L.M

2025-06-20

1st SUBMISSION

No. BY DATE DESCRIPTION

CITY OF OTTAWA

PROJECT No. 1295_Block13

Minto Group

ABBOTT'S RUN
BLOCK 13

120 Iber Road, Unit 103
Stittsville, ON K2S 1E9
Tel: (613) 836-0856
Fax: (613) 836-7153
www.DSEL.ca

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Private Street 2

STA. 0+10.000 TO STA. 0+81.173

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CHECKED BY: S.L.M.

SHEET NO.

DESIGNED BY: E.D.

CHECKED BY: S.L.M.

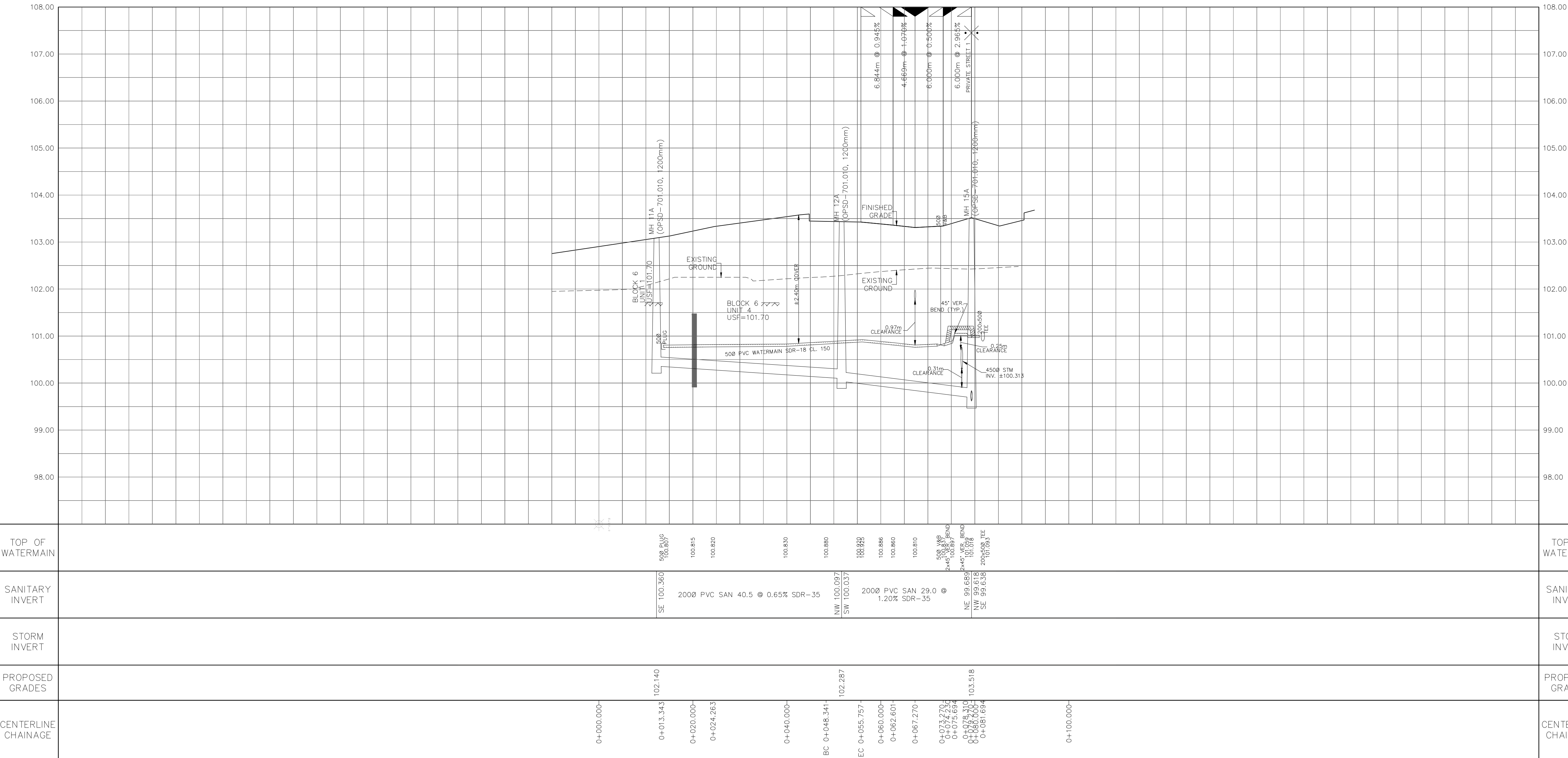
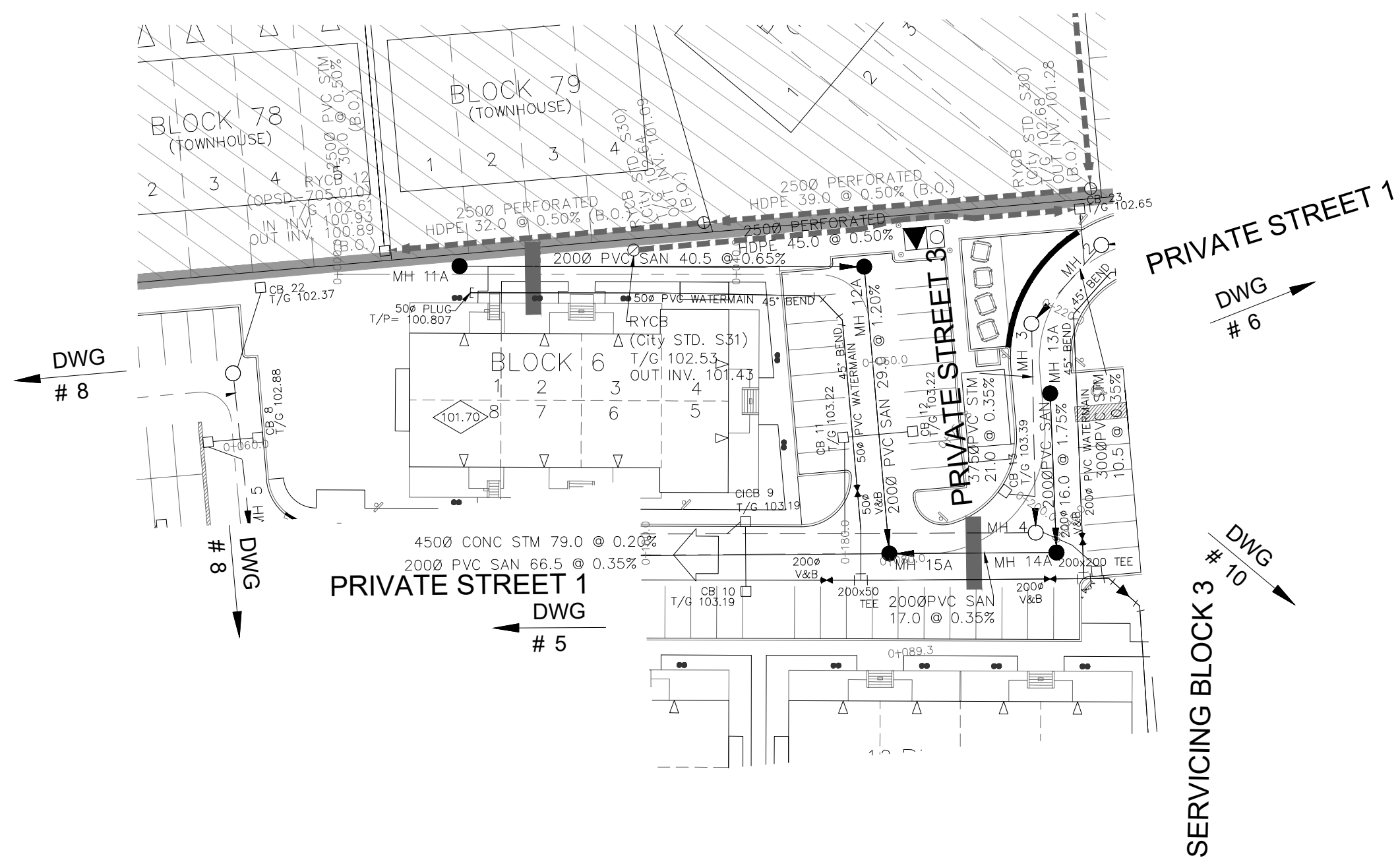
8 OF 19

SCALE: H= 1:500 / V=1:50

DATE: JUNE 2025

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CROSS	STREET LIGHT STANDARD
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LATERAL	CURB & DEPRESSION CURB
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NOT FOR CONSTRUCTION

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PROJECT NO. 21942-22 DATED SEPTEMBER 1, 2022

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