

152mmØ WATERMAIN GRADE TABLE – BUILDING SERVICE 1				
LOCATION	FINISHED GRADE (m)	TOP OF WATER (m)	COVER DEPTH (m)	COMMENTS
000	99.27	96.86	2.41	152mm OFF 203mm TEE
04.7	99.37	97.14	2.23	EXISTING STORM CROSSING
12.2	99.47	97.07	2.40	VALVE & VALVE BOX
20.1	99.70	97.30	2.40	152mm OFF 152mm TEE
22.6	99.76	97.36	2.40	CAP
152mmØ WATERMAIN GRADE TABLE – BUILDING SERVICE 2				
LOCATION	FINISHED GRADE (m)	TOP OF WATER (m)	COVER DEPTH (m)	COMMENTS
000	99.31	96.91	2.40	152mm OFF 203mm TEE
04.7	99.41	97.14	2.27	EXISTING STORM CROSSING
12.2	99.56	97.16	2.40	VALVE & VALVE BOX
19.8	99.73	97.33	2.40	45° HORIZONTAL BEND
21.5	99.75	97.35	2.40	45° HORIZONTAL BEND
22.5	99.76	97.36	2.40	CAP

NOTES  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.  
PROPERTY BOUNDARIES HAVE BEEN DERIVED FROM THE TOPOGRAPHIC PLAN OF SURVEY OF BLOCK 116 REGISTERED PLAN 4M-1628 AND BLOCK 204 REGISTERED PLAN 4M-1606 CITY OF OTTAWA, PREPARED BY STANTEC GEOMATICS LTD., DATED OCTOBER 8, 2024. BEARINGS ARE DERIVED FROM CAN-NET VRS NETWORK GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, MTM ZONE 9, NAD83 (ORIGINAL). ELEVATIONS ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED FROM THE CAN-NET VRS NETWORK MONUMENT: ELEVATION 95.230.

A circular red stamp with the words "PROFESSIONAL ENGINEER" at the top and "P.ATH" in the center. Below that is "ACKTECHNIE" and the number "199554". At the bottom, it says "125" and "DEC. 1990".

# Robinson Land Development

50 Palladium Drive  
Ottawa, ON K2V 1A8  
(613) 592-6060 [rcii.com](http://rcii.com)

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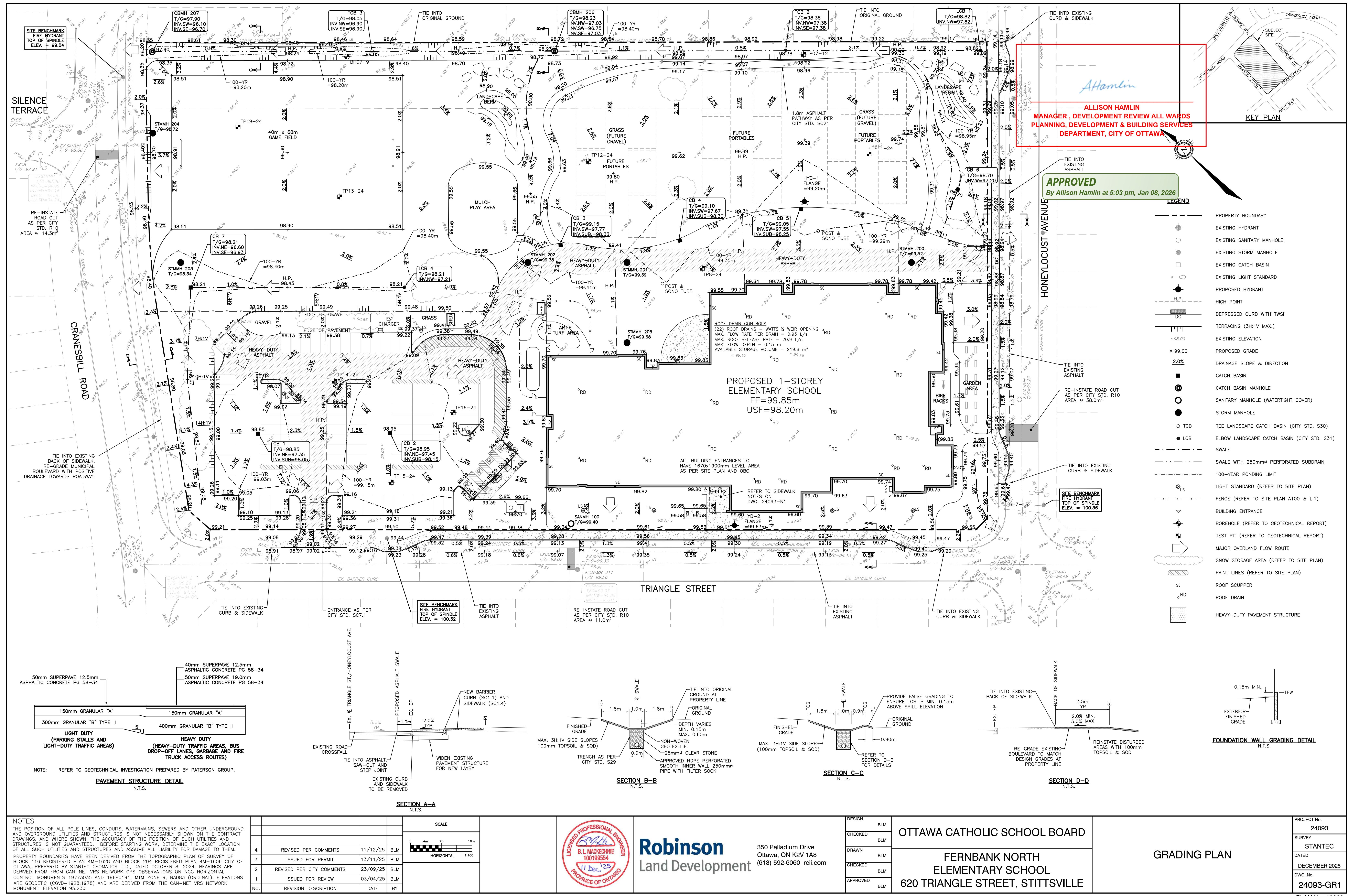
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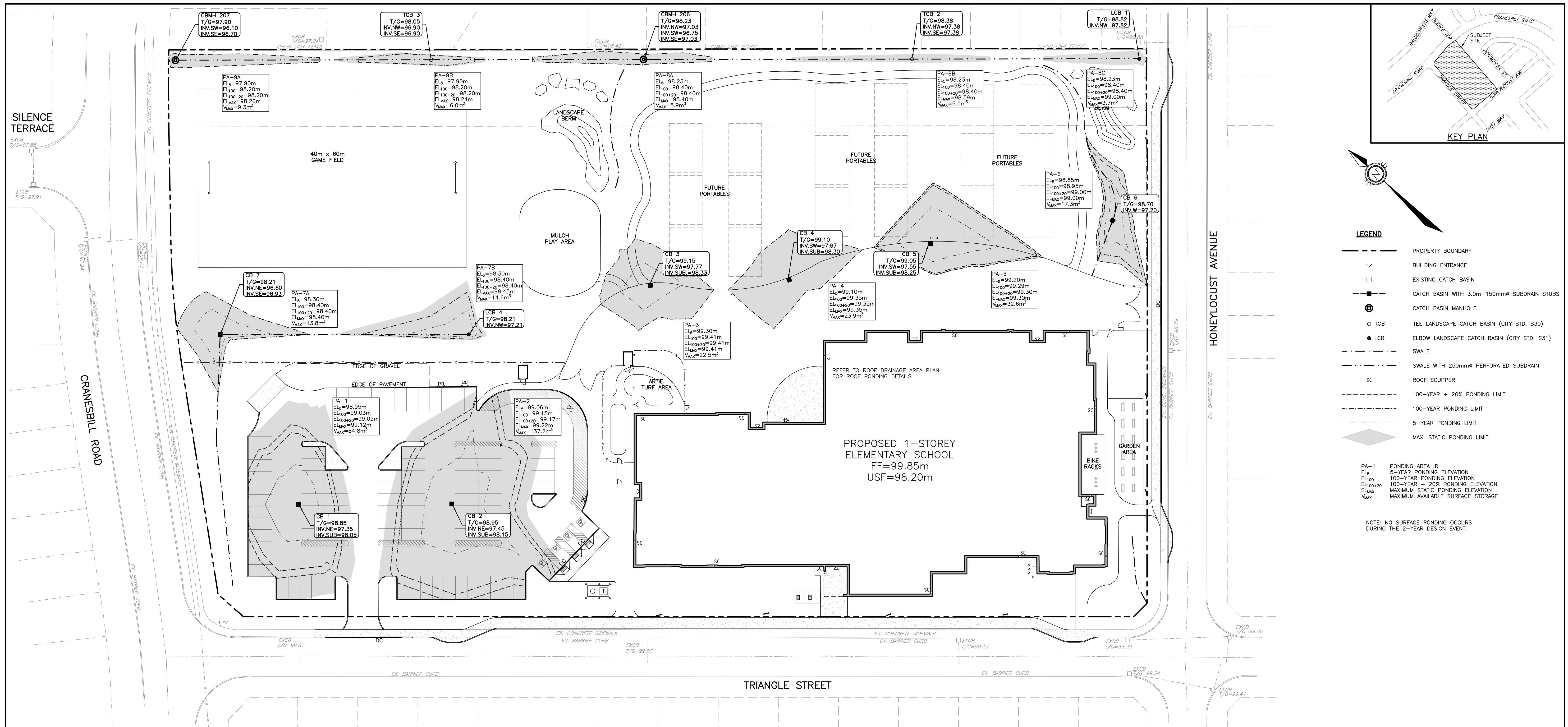
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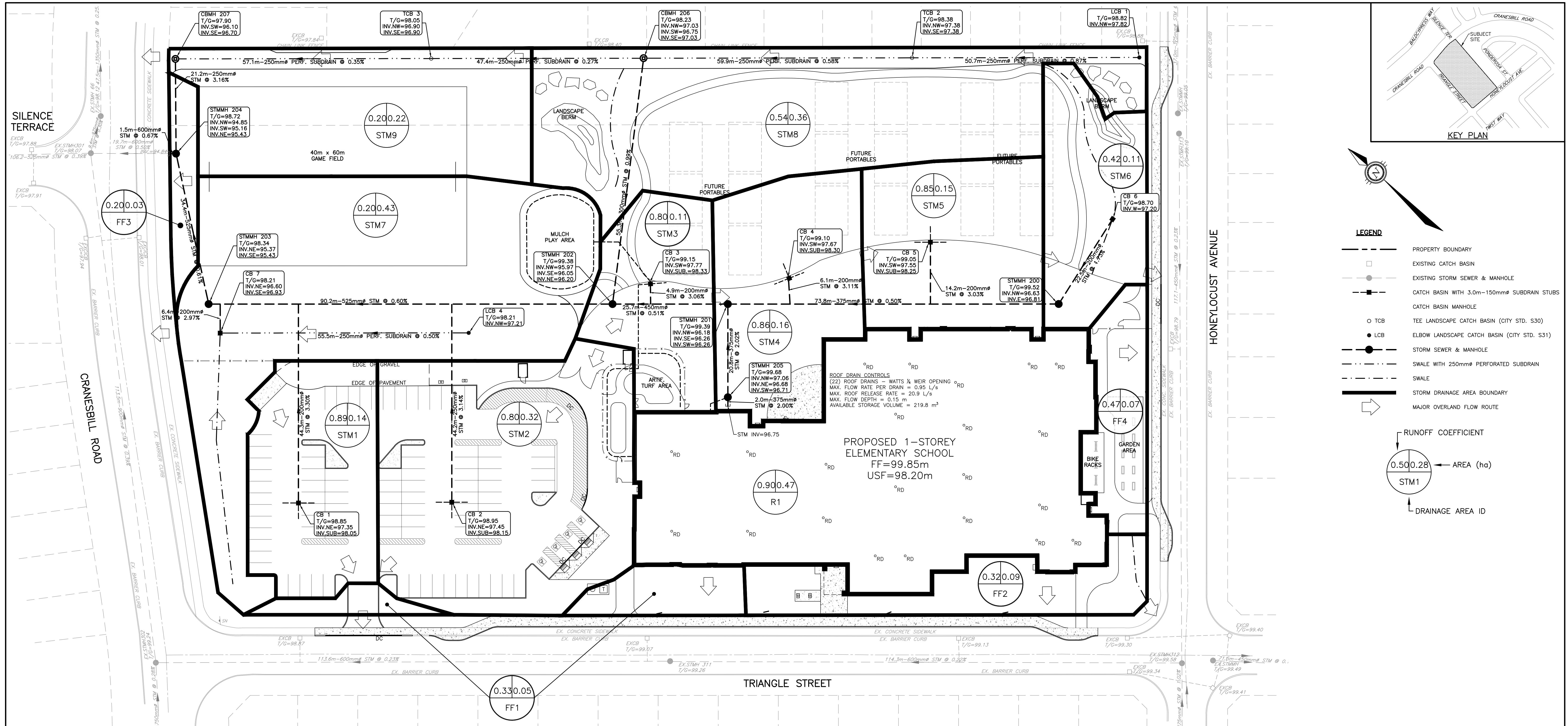
Hamlin

ALLISON HAMLIN  
MANAGER, DEVELOPMENT REVIEW ALL WARDS  
PLANNING, DEVELOPMENT & BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA

APPROVED

By Allison Hamlin at 5:03 pm, Jan 08, 2026

NOTES		SCALE		LICENCED PROFESSIONAL ENGINEER B.L. MACKENZIE 100199554 11 Dec 125 PROVINCE OF ONTARIO	Robinson Land Development	350 Palladium Drive Ottawa, ON K2V 1A8 (613) 592-6060 rci.com	DESIGN BLM CHECKED BLM DRAWN BLM CHECKED BLM APPROVED BLM	OTTAWA CATHOLIC SCHOOL BOARD  FERNBANK NORTH ELEMENTARY SCHOOL 620 TRIANGLE STREET, STITTSVILLE	PONDING AREA PLAN	PROJECT No. 24093		
3	REVISED PER COMMENTS	11/12/25	BLM							SURVEY STANTEC	DATED DECEMBER 2025	DWG. No. 24093-PA1
2	REVISED PER CITY COMMENTS	23/09/25	BLM									
1	ISSUED FOR REVIEW	03/04/25	BLM									
NO.	REVISION DESCRIPTION	DATE	BY									



*A.Hamlin*  
ALLISON HAMILIN  
MANAGER, DEVELOPMENT REVIEW ALL WARDS  
PLANNING, DEVELOPMENT & BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA

APPROVED  
By Allison Hamlin at 5:03 pm, Jan 08, 2026

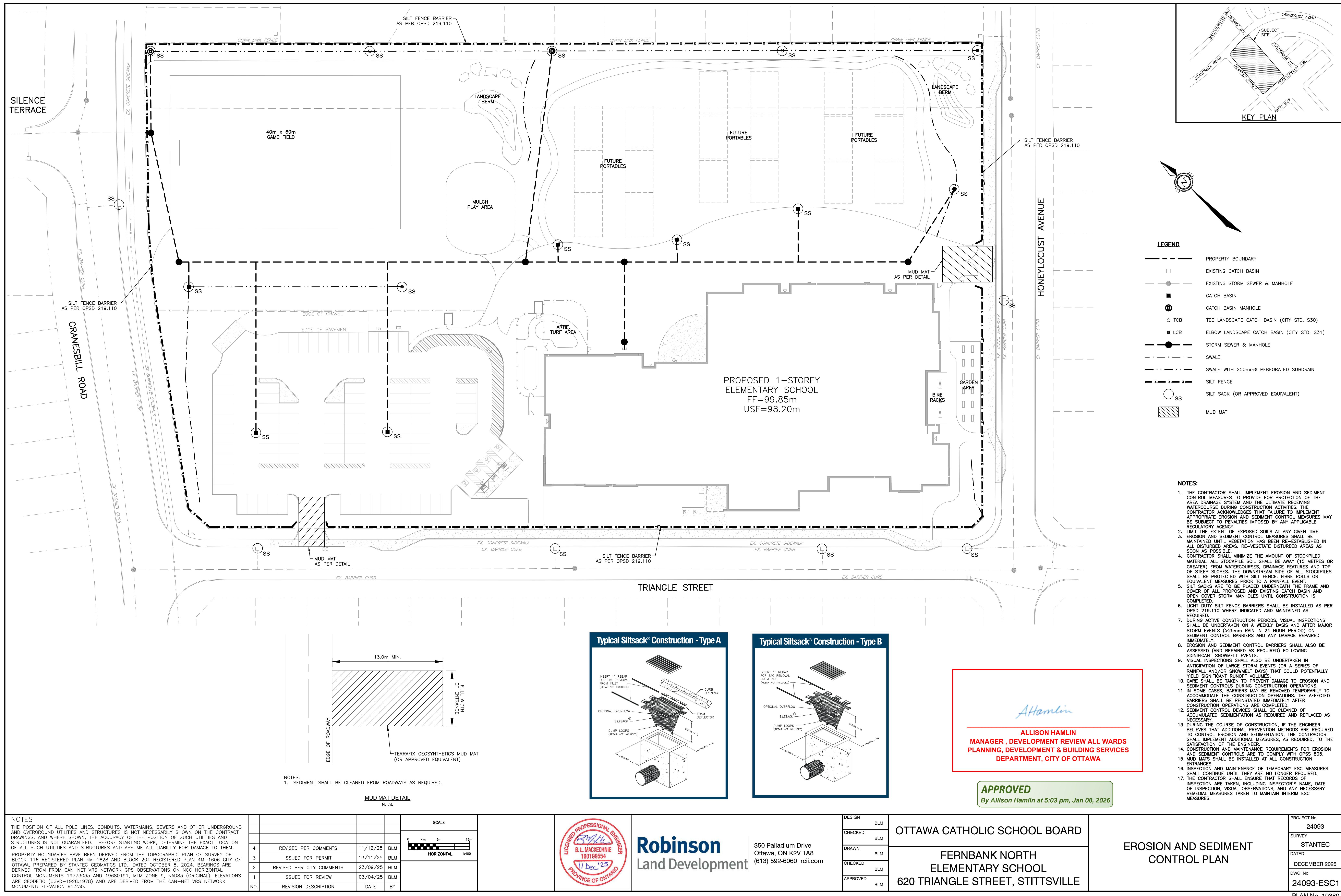
NOTES: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM. PROPERTY BOUNDARIES HAVE BEEN DERIVED FROM THE TOPOGRAPHIC PLAN OF SURVEY OF BLOCK 110 REGISTERED PLAT 4M-162 AND BLOCK 104 REGISTERED PLAT 4M-160 CITY OF OTTAWA, PREPARED BY STANTEC SURVEYORS, REFERENCED 2014. COORDINATES ARE DERIVED FROM THE CAN-NET VRS NETWORK. GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, MTM ZONE 9, NAD83 (ORIGINAL). ELEVATIONS ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED FROM THE CAN-NET VRS NETWORK MONUMENT: ELEVATION 95.230.

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NO.		REVISION DESCRIPTION		DATE		BY			

OTTAWA CATHOLIC SCHOOL BOARD  
FERNBANK NORTH  
ELEMENTARY SCHOOL  
620 TRIANGLE STREET, STITTSVILLE

STORM DRAINAGE AREA PLAN

PROJECT No. 24093  
SURVEY STANTEC  
DATED DECEMBER 2025  
DWG. No. 24093-STM1  
FILE No. D07-12-25-0131  
PLAN No. 19380



**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 AND SHALL NOT DAMAGE THEM. 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 AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. ANY PART OF CONSTRUCTION, ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- DESIGN ELEVATIONS GIVEN ARE TO BE ADHERED TO WITH NO CHANGES WITHOUT PRIOR WRITTEN APPROVAL BY ROBINSON LAND DEVELOPMENT.
- AREAS BEING 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 CONTRACTOR.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT" AND THE "CONSTRUCTION CODE FOR BUILDINGS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONTRACTOR AS DEFINED IN THE ACT.
- ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST AMENDMENT).
- THE LENGTH OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH SPECIFIED BY OPSD IS EXCEEDED.
- ALL DITCHES, DRAINS AND GROUNDS SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH THE CITY OF OTTAWA PRIOR TO AND FOR TREE CUTTING.
- REFER TO GEOTECHNICAL INVESTIGATION PREPARED BY PATERSON GROUP, DATED SEPTEMBER 9, 2024.
- THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE FOR Dewatering, SUPPORT AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION AS WELL AS RELEASE OF ANY PUMPED GROUNDWATER IN A CONTROLLED AND APPROVED MANNER.
- DO NOT CONSTRUCT SLOPING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR CONSTRUCTION".
- CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.
- MOVEMENT OF MATERIALS AND/OR SITE SHALL BE IN ACCORDANCE WITH ONTARIO EXCESS SOIL REGULATION O. REG. 406/19.
- A POST-CONSTRUCTION TOPOGRAPHIC SURVEY SHALL BE COMPLETED BY AN ONTARIO LAND SURVEYOR. THE SURVEY SHALL IDENTIFY AS-BUILT ELEVATIONS OF ALL UNDERGROUND AND ABOVE-GROUND CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLETE A CCTV INSPECTION OF ALL NEW SANITARY AND STORM SEWERS PRIOR TO PLACEMENT OF TOP LIFT ASPHALT. A COPY OF THE VIDEO INSPECTION SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW.
- THE CONTRACTOR SHALL COMPLETE CCTV INSPECTION OF EXISTING MUNICIPAL SEWERS IMMEDIATELY UPSTREAM AND DOWNSTREAM OF ANY PROPOSED CONNECTIONS, INCLUDING SEWER STUBS. THE CCTV INSPECTION IS REQUIRED PRE AND POST CONSTRUCTION.

#### STORM SEWERS:

- 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.
- PVC STORM SEWERS ARE TO BE SDR 35 APPROVED PER C.S.A. B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE SPECIFIED.
- STORM MANHOLE FRAME AND COVERS SHALL BE AS PER CITY OF OTTAWA STD. S24.1.
- CATCH BASIN FRAMES AND COVERS SHALL BE APPROVED PER CITY OF OTTAWA STD. S24.1.
- SEWER MANHOLES SERVING SEWERS LESS THAN 300mm DIAMETER SHALL BE CONSTRUCTED WITH A 300mm DUMP, FOR STORM SEWERS 900mm AND OVER USE BENCHING IN ACCORDANCE WITH OPSD 701.021.
- THE STORM SEWER CLASSES HAVE BEEN DESIGNED BASED ON BEDDING CONDITIONS SPECIFIED ABOVE. WHERE THE SPECIFIED BEDDING CONDITIONS EXCEEDED, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ADDITIONAL TRENCHING, A DIFFERENT TYPE OF BEDDING OR A HIGHER PIPE STRENGTH. THIS ADDITIONAL EXPENSE SHALL ALSO BE RESPONSIBLE FOR EXTRA TEMPORARY AND/OR PERMANENT REPAIRS MADE NECESSARY BY THE WIDENED TRENCH.
- ALL STORM MANHOLES SHALL BE 1200mm DIAMETER AS PER OPSD 701.010 UNLESS OTHERWISE NOTED.
- ALL CATCH BASINS SHALL BE 600mm X 600mm AS PER OPSD 705.010 UNLESS OTHERWISE NOTED.

#### SANITARY SEWERS:

- ALL SANITARY SEWERS SHALL BE PVC SDR 35, IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS.
- SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. S6 AND S7, CLASS 'B' BEDDING UNLESS OTHERWISE NOTED.
- ALL SANITARY SEWERS SHALL BE EQUIPPED WITH APPROVED BACKWATER VALVES.
- SANITARY MANHOLE FRAME AND COVERS SHALL BE WATERTIGHT AS PER CITY OF OTTAWA STD. S24.
- SANITARY SEWER MANHOLES SHALL BE BENTCHED AS PER OPSD 701.021.
- SANITARY PRE-CAST MANHOLES SHALL BE CONSTRUCTED WITH A HIGHER PERCENTAGE OF SILICA FUME IN CONCRETE TO REDUCE THE POSSIBILITY OF CORROSION OR PIPE HOLE LEAKS.
- FOR SANITARY MANHOLES, DEPENDING ON THE ELEVATION OF THE GROUNDWATER TABLE, AND BASED ON THE RECOMMENDATION OF THE PROJECT GEOTECHNICAL CONSULTANT, GRETTEX SEALS, OR A SIMILAR PRODUCT, SHALL BE INSTALLED IN THE PRE-CAST MANHOLE SECTION TO JUST BELOW THE MANHOLE.
- 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 ENGINEER FOR REVIEW.

#### WATER SUPPLY:

- ALL PVC WATERMAINS SHALL BE EQUAL TO AWWA C-900 CLASS 150, SDR 18, OR APPROVED EQUAL.
- WATERMAIN TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W17, AND OTHER REQUIREMENTS AS SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- ALL PVC WATERMAINS SHALL BE INSTALLED WITH A 10 GAUGE STRANDED COPPER TWE OR RWU TRACER WIRE IN ACCORDANCE WITH CITY OF OTTAWA STD. W36.
- PROTECTIVE 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 IF REQUIRED.
- JOINTS 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.
- WATERMAIN IN TRENCH AREAS TO BE INSTALLED WITH RESTRAINED JOINTS AS PER CITY OF OTTAWA STD.
- THREE 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 WATERMAINS IN PROXIMITY TO CATCH BASINS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W25.2 AND W25.3, WHERE WATERMAIN COVER IS LESS THAN 2.4m.
- AS PER CITY GUIDELINE, THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER / UTILITY IS 0.25m FOR CROSSING OVER THE SEWER, AS PER CITY STD. W25.2. FOR CROSSING UNDER SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER IS REQUIRED TO PREVENT EXCESSIVE DEFLECTION OF THE SEWER. THE SEWER/WATERMAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUISTANT AND AS FAR AS POSSIBLE FROM THE SEWER AS PER CITY STD. W25.
- CONNECTION TO EXISTING WATERMAIN TO BE PERFORMED BY CITY FORCES. CONTRACTOR TO PROVIDE EQUIPMENT, EQUIPMENT AND MATERIALS REQUIRED FOR THE CONNECTION AND REINSTATEMENT.
- SWABBING, DISINFECTION, AND HYDROSTATIC TESTING TO BE CONDUCTED AS PER CITY OF OTTAWA STANDARDS IN THE PRESENCE OF A CITY INSPECTOR AND/OR CONSULTANT.

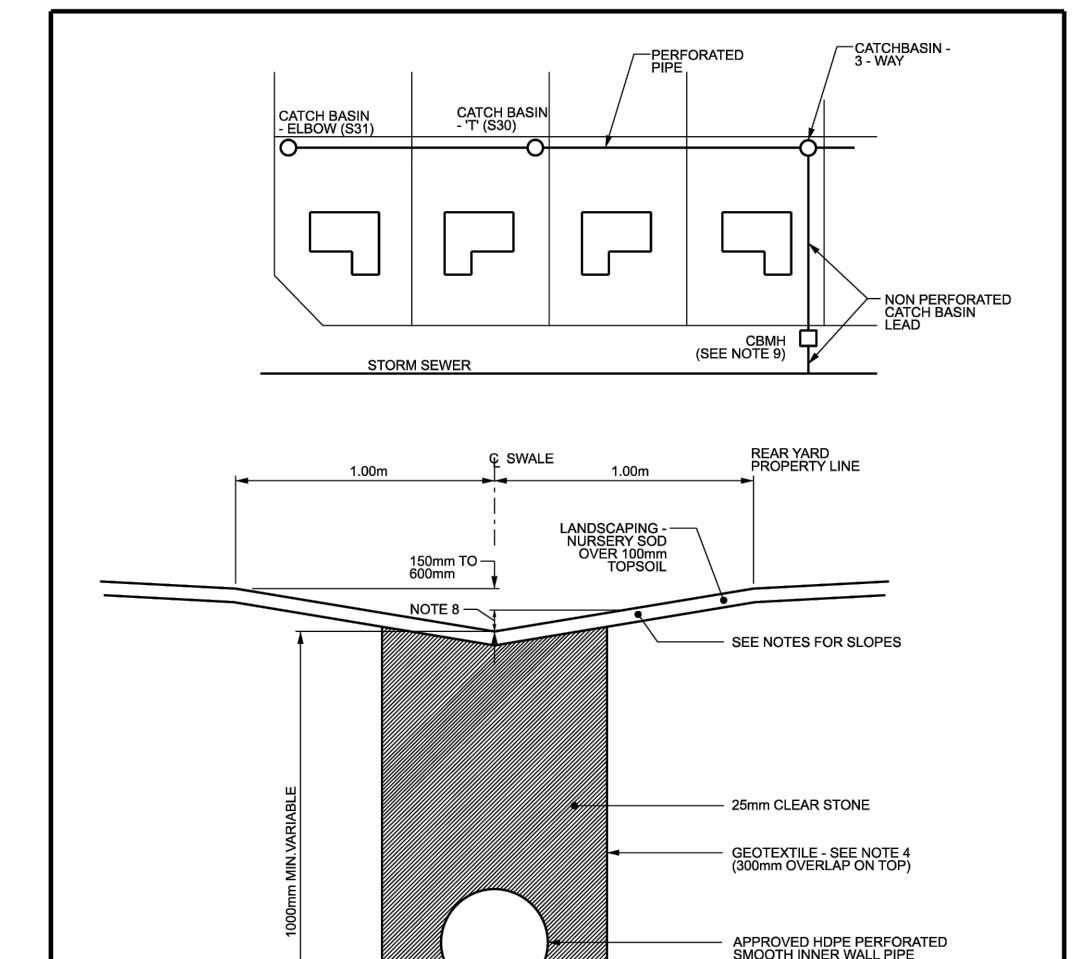
#### ROADWORK SPECIFICATIONS:

- CONCRETE CURB SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC1.1 (BARRIER CURB). PROVISION SHALL BE MADE FOR CURB DEPRESSIONS AT SIDEWALKS AND DRIVEWAYS.
- ALL BARRIER CURB SHALL BE 150mm ABOVE FINISHED ASPHALT GRADE UNLESS OTHERWISE NOTED.
- CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. SC1.4.
- TWIST CURB SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF OTTAWA STD. SC7.3.
- REINFORCEMENT, REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10.
- GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREAS.
- ASPHALT FOR ROAD SHALL BE COMPACTED TO A MINIMUM OF 92% STANDARD PROCTOR DENSITY. ASPHALT WEAR COAT SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT TO THE SATISFACTION OF THE ENGINEER.
- SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR 'B' COMPACTED IN MAXIMUM 300mm LIFTS.
- THE EDGES OF DISTURBED PAVEMENT SHALL BE SAW-CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACEMENT OF NEW ASPHALT.
- PAVEMENT SPECIFICATIONS AS PER GEOTECHNICAL RECOMMENDATIONS.

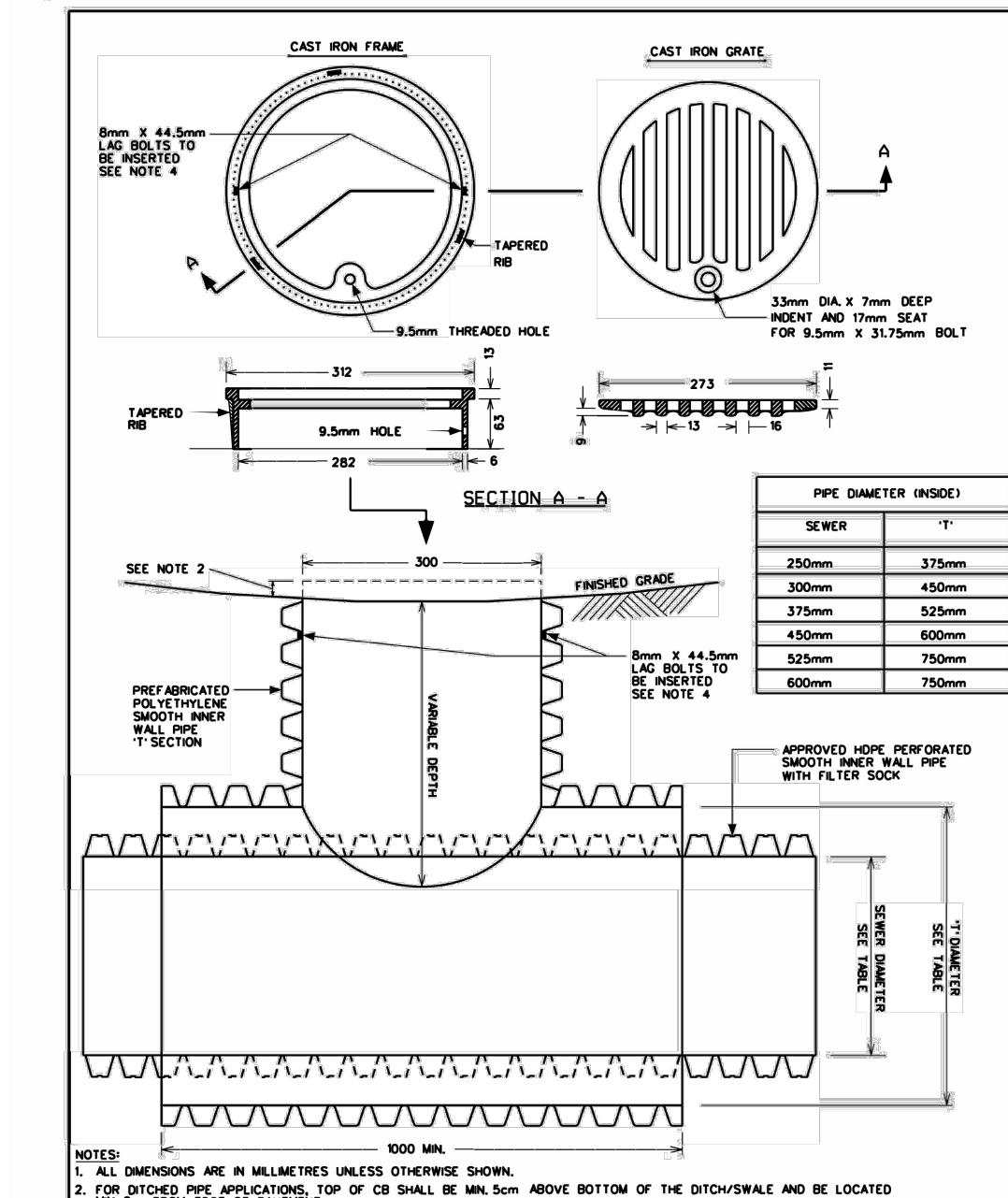
#### CONCRETE SIDEWALKS ADJACENT TO BUILDINGS:

- IT IS RECOMMENDED THAT THE UPPER 600mm of BACKFILL PLACED BELOW THE CONCRETE SIDEWALKS ADJACENT TO EXISTING FOOTPRINTS TO CONSIST OF NON-FROST SUSCEPTIBLE MATERIAL SUCH AS OSWALD OR GRANULAR B.
- THE SIDEWALKS SHOULD BE UNDERLAIRED BY A LAYER OF RIGID INSULATION AT ENTRANCEWAYS TO MINIMIZE THE POTENTIAL FOR THE SIDEWALKS TO RAISE IN RESPONSE TO FROST MIGRATION WITHIN THE SUBGRADE SOILS.
- THE GRANULAR MATERIAL SHOULD BE PLACED IN MAXIMUM 300mm LOOSE LIFTS AND COMPACTED TO A MINIMUM OF 98% PROCTOR DENSITY.
- THE SUBGRADE MATERIAL SHOULD BE SHAPED TO PROMOTE POSITIVE DRAINAGE TOWARDS THE BUILDING'S PERIMETER DRAINAGE SYSTEM.
- CONSIDERATION SHOULD BE GIVEN TO PLACING A LAYER OF RIGID INSULATION BELOW THE GRANULAR FILL LAYER; HOWEVER, SHOULD BE DETAILED BY PATERSON ONCE DESIGN DRAWINGS ARE BEING COMPLETE BY OTHERS.

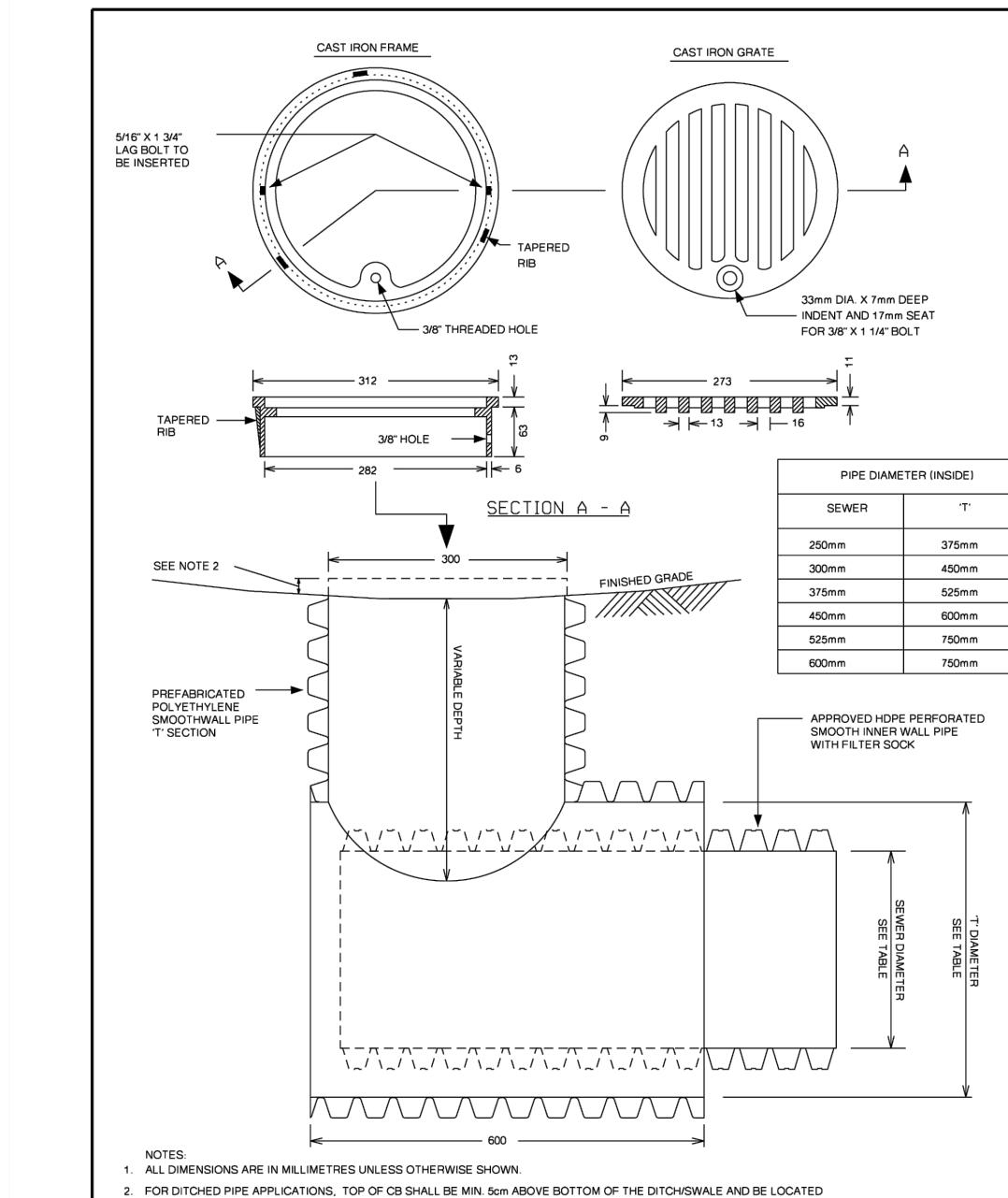
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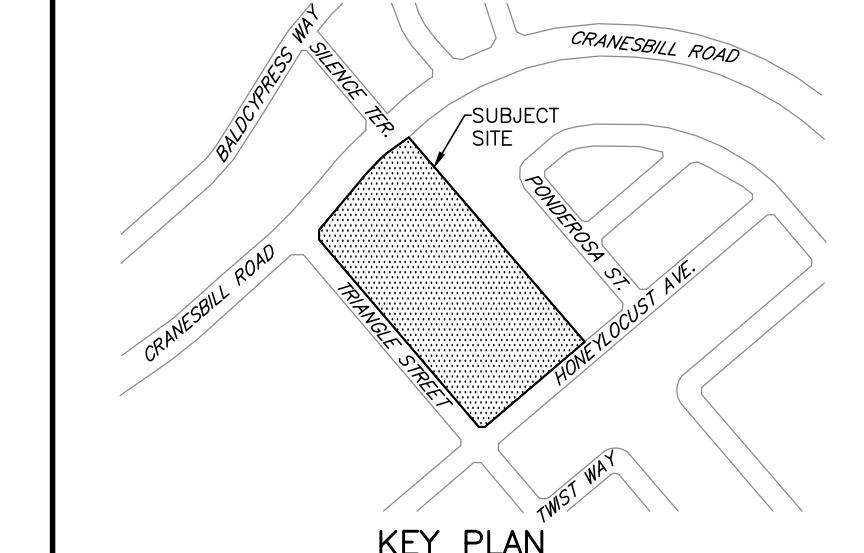
Ottawa PERFORATED PIPE INSTALLATION FOR REAR YARD AND LANDSCAPING APPLICATIONS DATE: MARCH 2007 REV. DATE: MARCH 2010 DWG. No.: S29



Ottawa CATCH BASIN - 'T' FOR REAR YARD, DITCHED PIPE AND LANDSCAPING APPLICATIONS DATE: MARCH 2007 REV. DATE: MARCH 2021 DWG. No.: S30



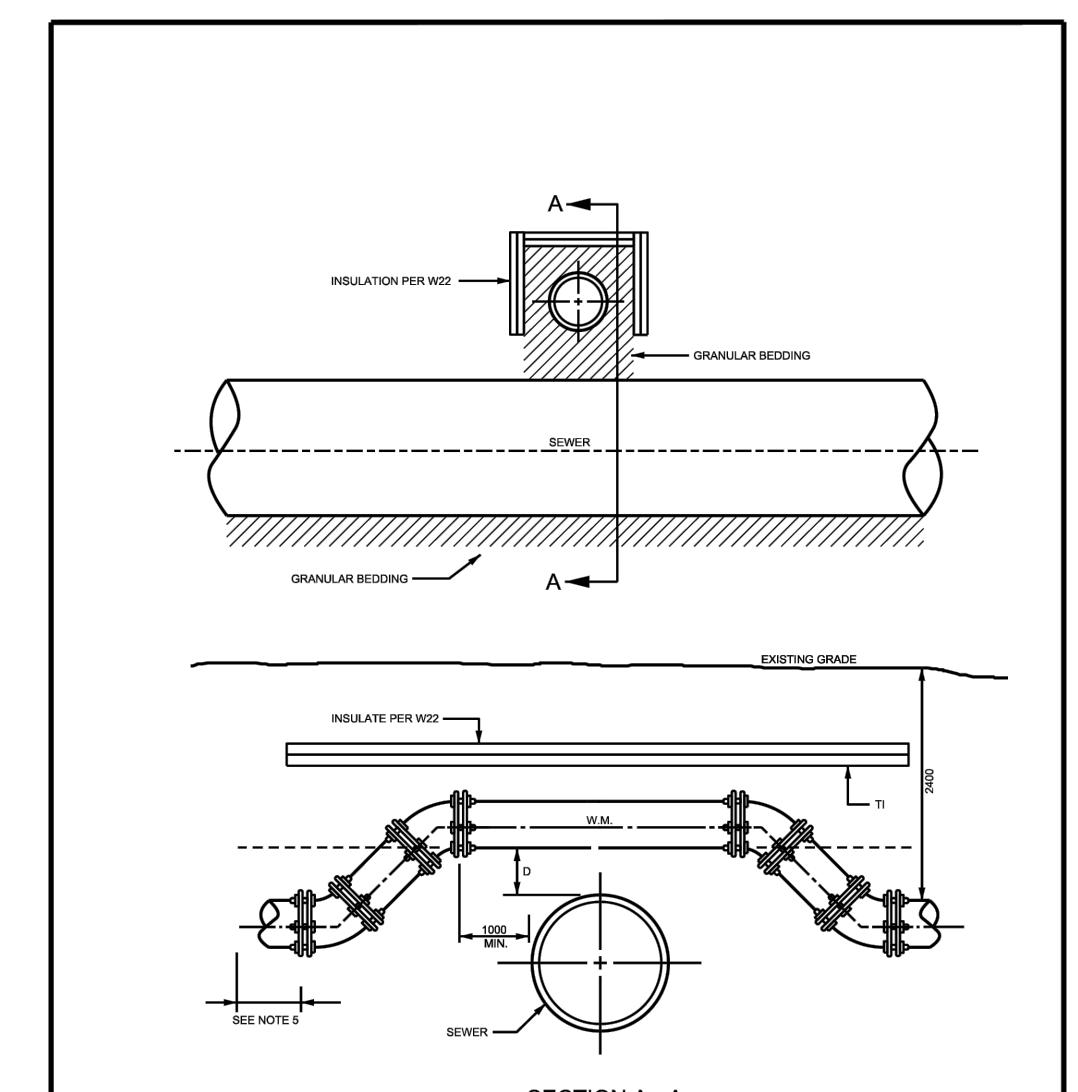
Ottawa CATCH BASIN - ELBOW FOR REAR YARD, DITCHED PIPE AND LANDSCAPING APPLICATIONS DATE: MARCH 2007 REV. DATE: MARCH 2010 DWG. No.: S31



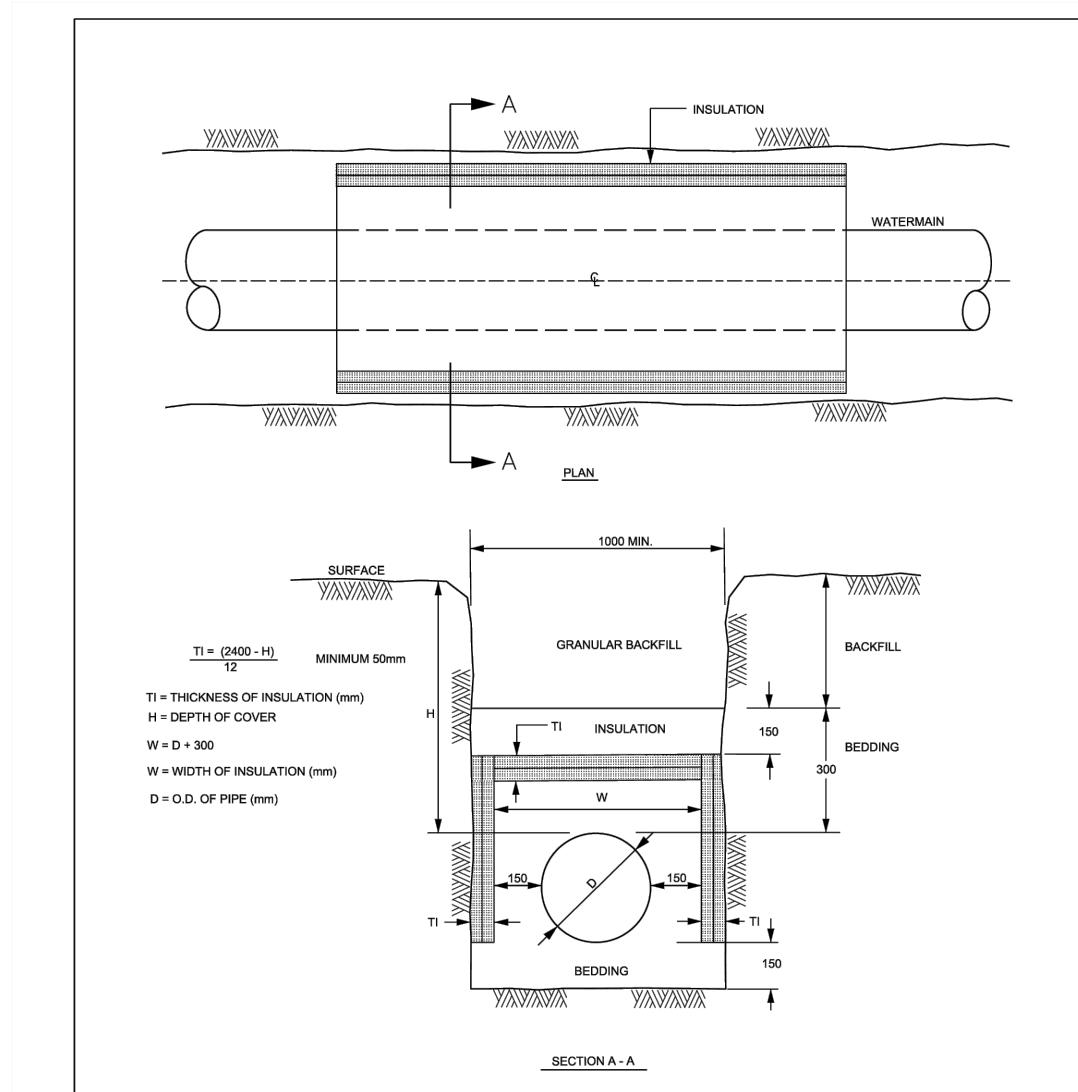
*Allison Hamlin*  
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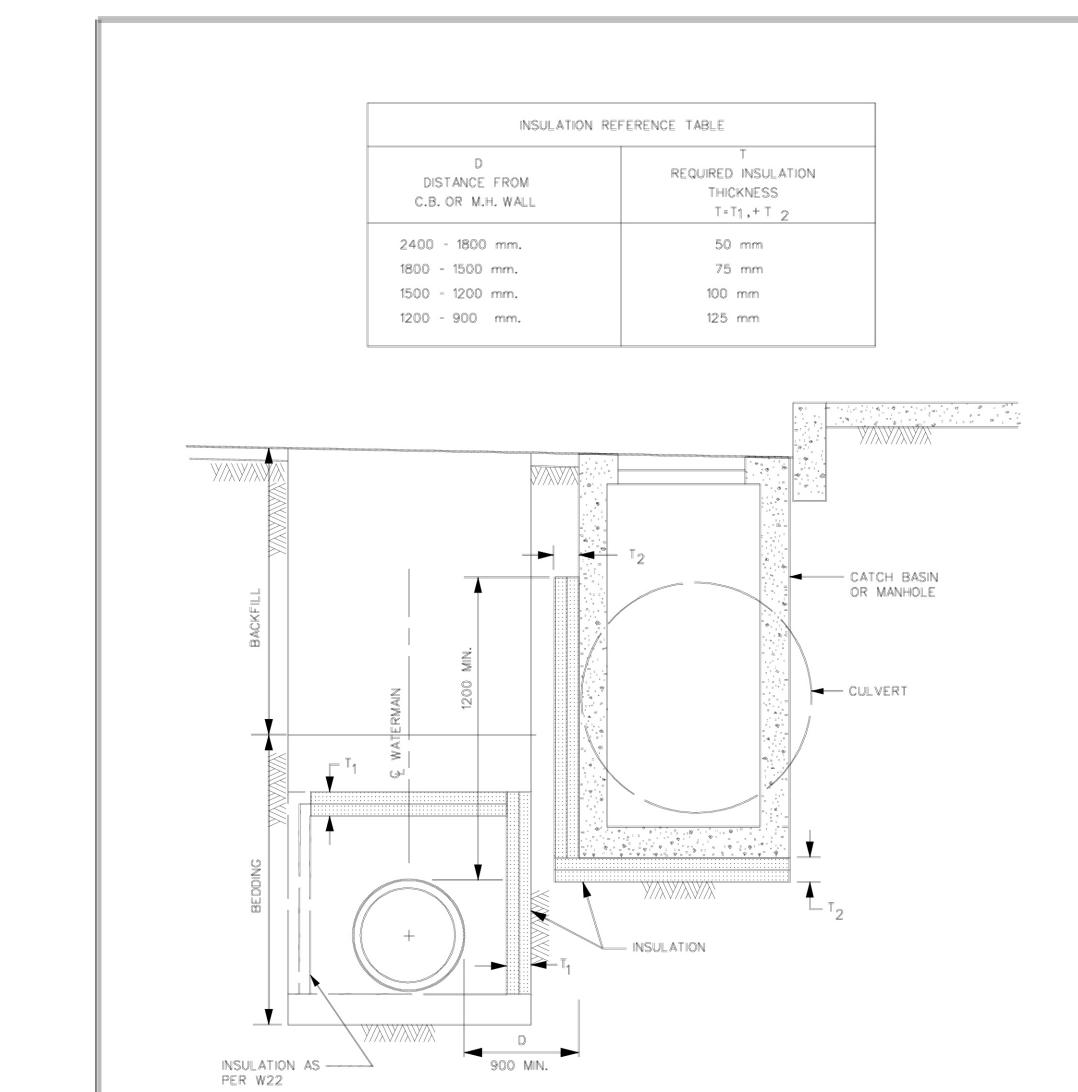
By Allison Hamlin at 5:03 pm, Jan 08, 2026



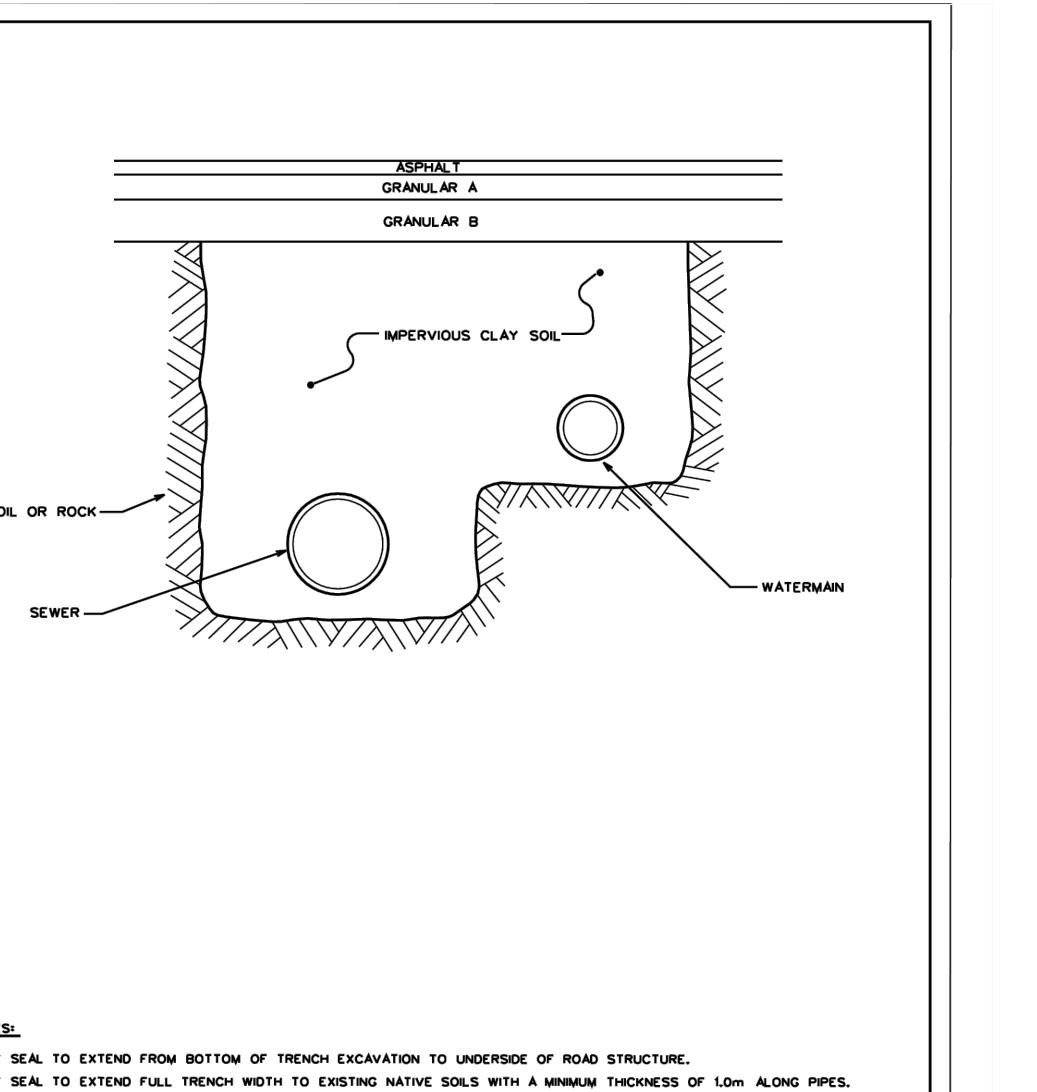
Ottawa WATERMAIN CROSSING OVER SEWER DATE: MAY 2001 REV. DATE: MARCH 2021 DWG. No.: W25.2



Ottawa THERMAL INSULATION FOR WATERMAINS IN SHALLOW TRENCHES DATE: MAY 2001 REV. DATE: MARCH 2013 DWG. No.: W22



Ottawa THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES DATE: MAY 2001 REV. DATE: FEB 2004 DWG. No.: W23



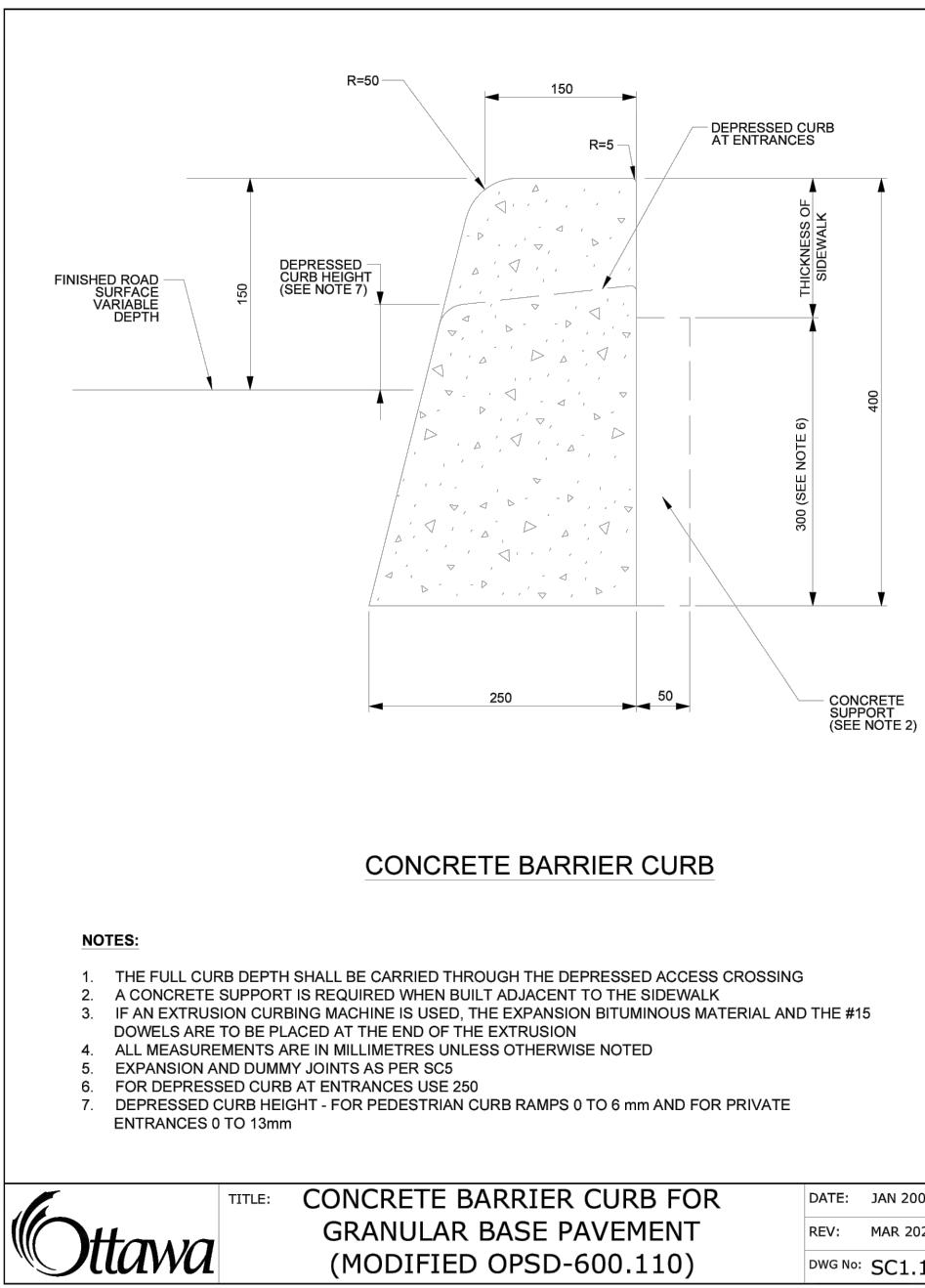
Ottawa CLAY SEAL FOR PIPE TRENCHES DATE: MAY 2001 REV. DATE: MARCH 2006 DWG. No.: S8

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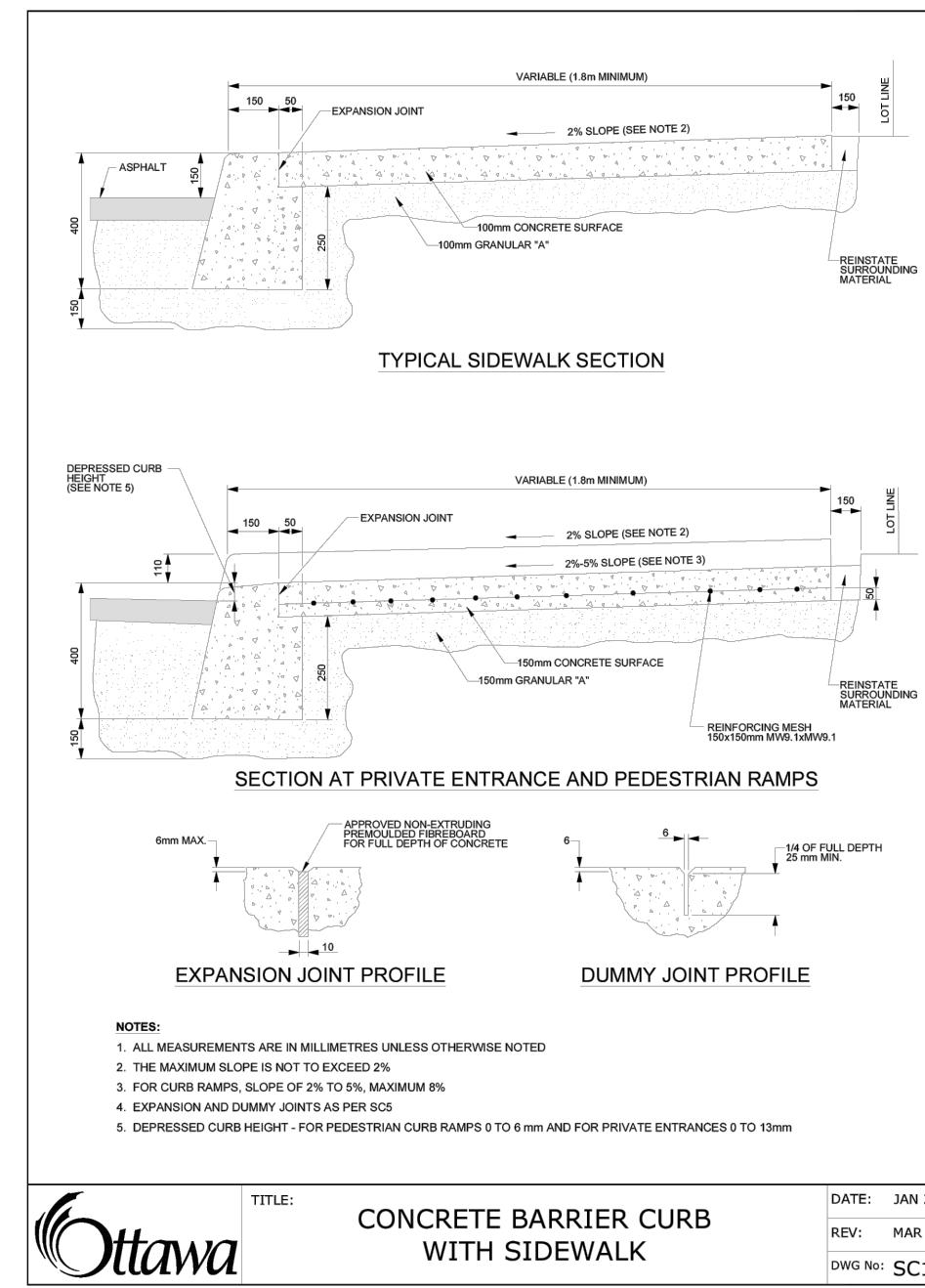
DESIGN BLM  
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CHECKED BLM  
APPROVED BLM

OTTAWA CATHOLIC SCHOOL BOARD  
FERNBANK NORTH ELEMENTARY SCHOOL  
620 TRIANGLE STREET, STITTSTVILLE

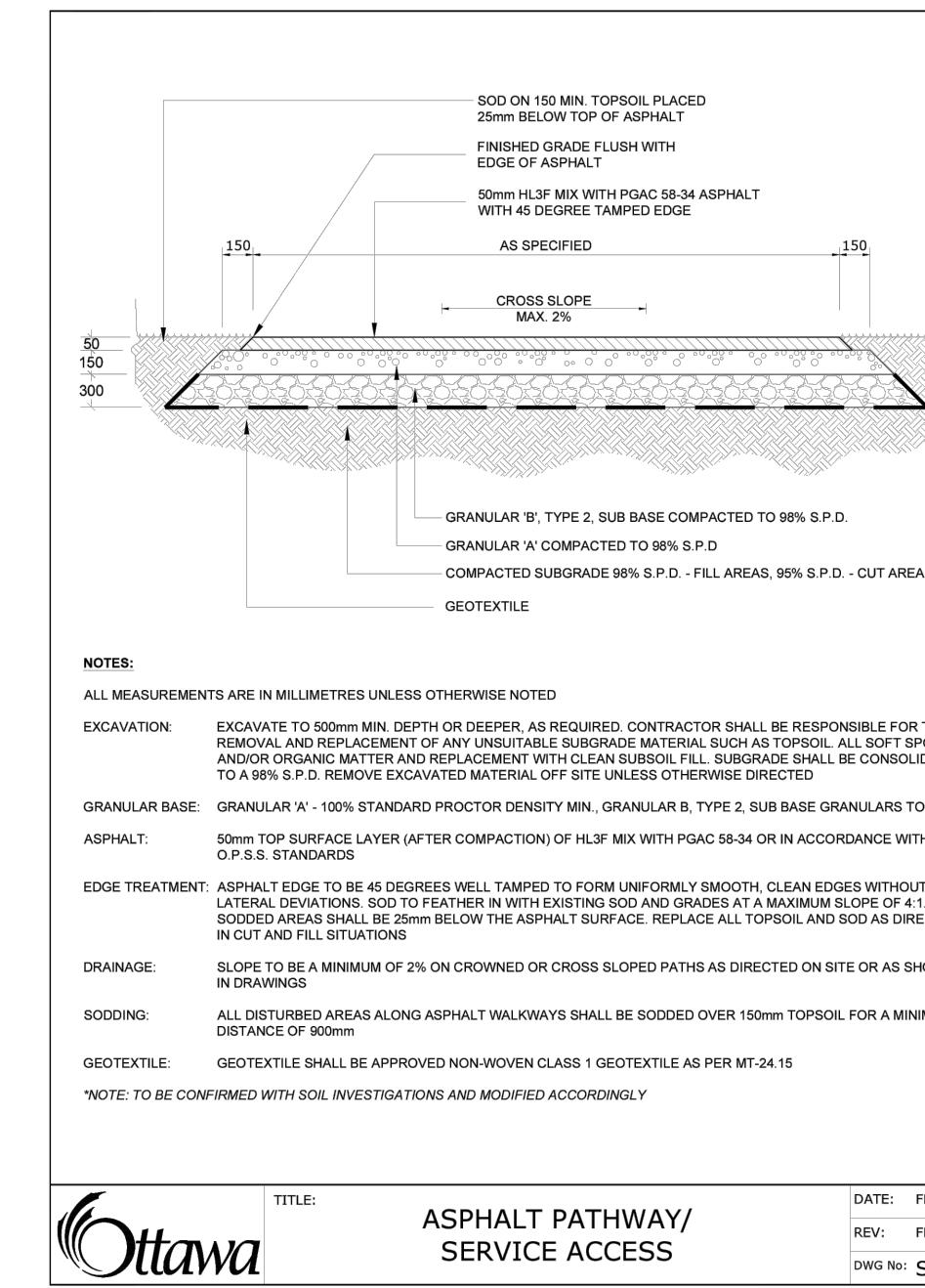
PROJECT No. 24093  
SURVEY STANTEC  
DATED DECEMBER 2025  
DWG. No. 24093-N1



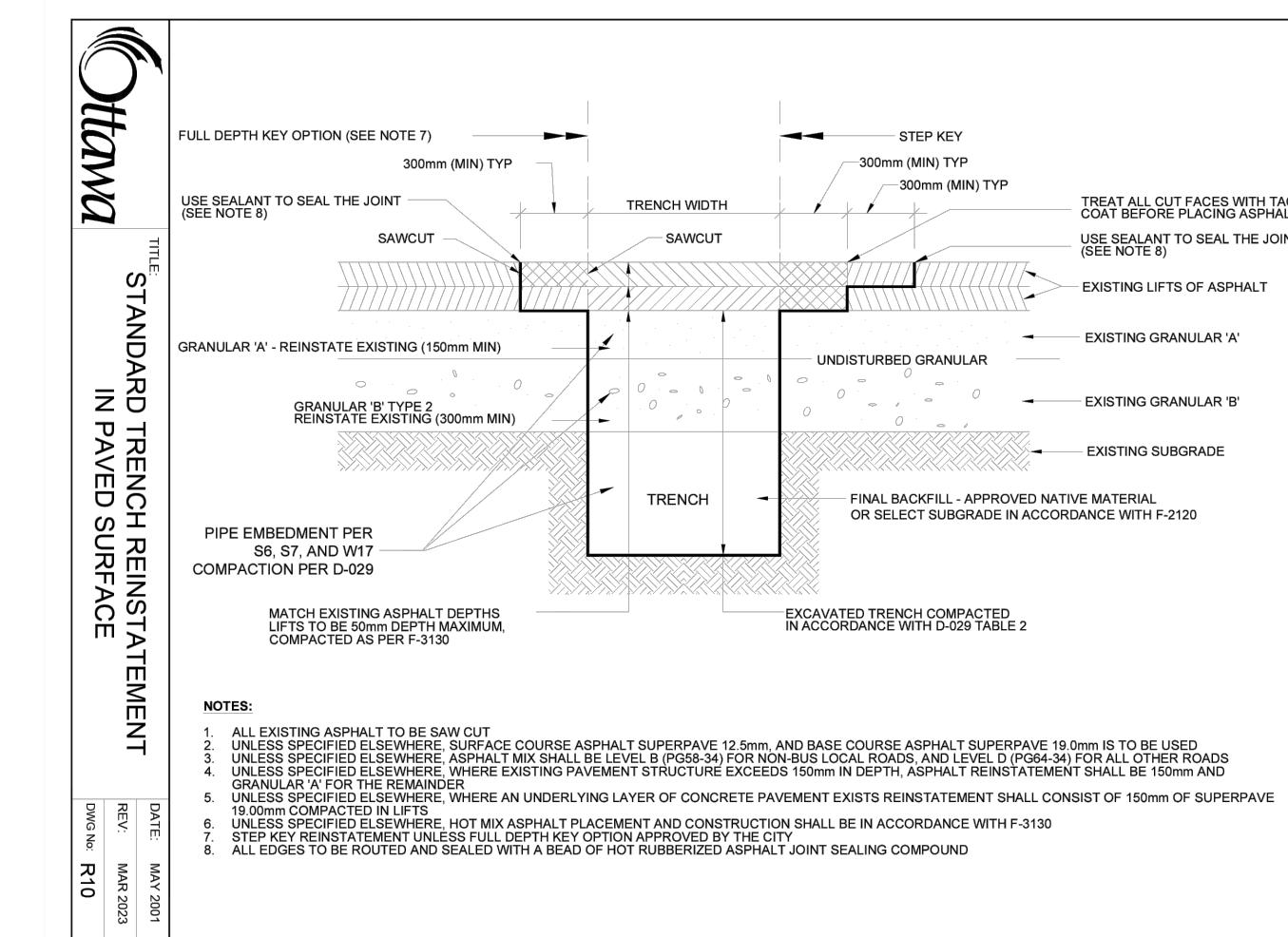
**CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)**



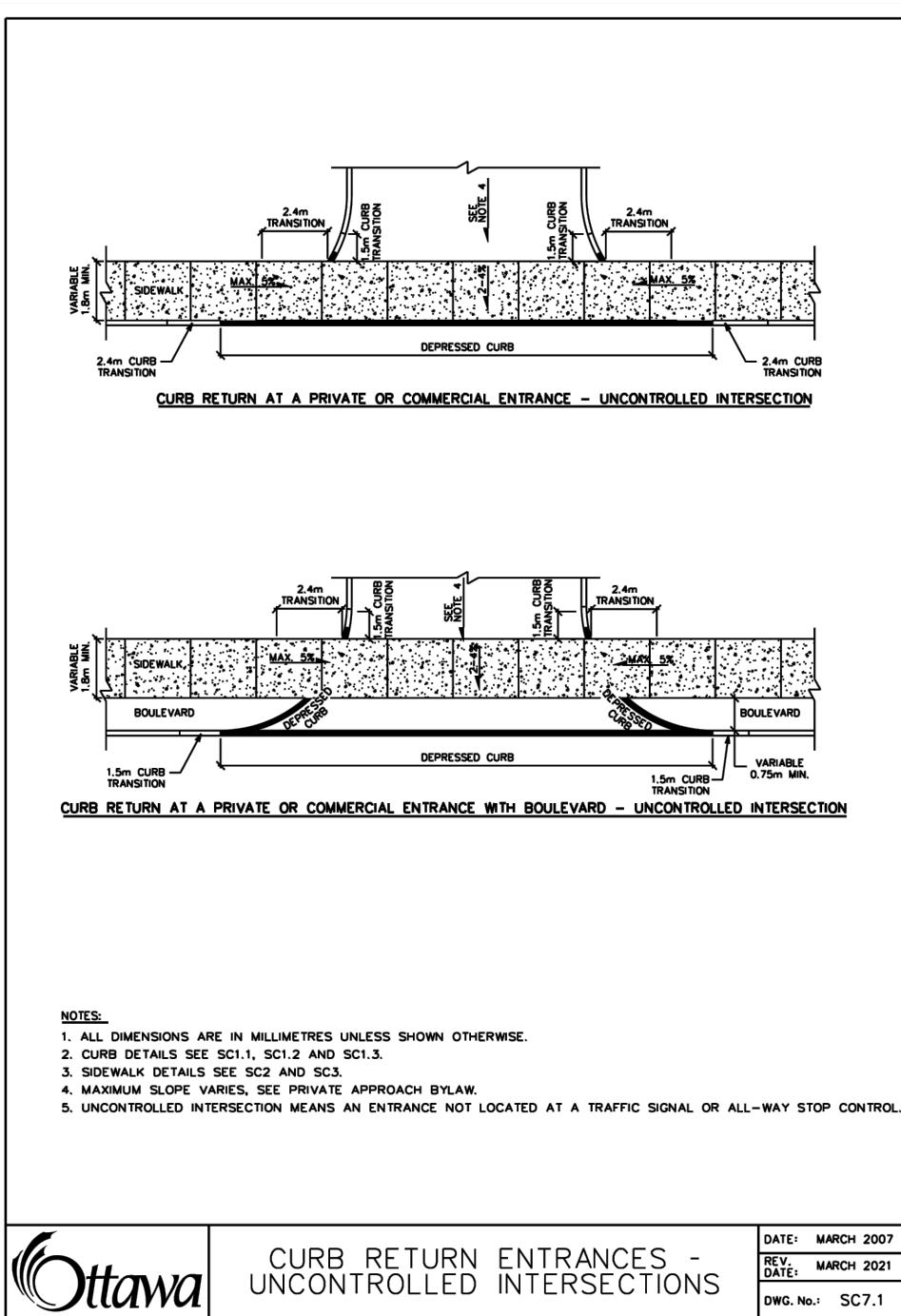
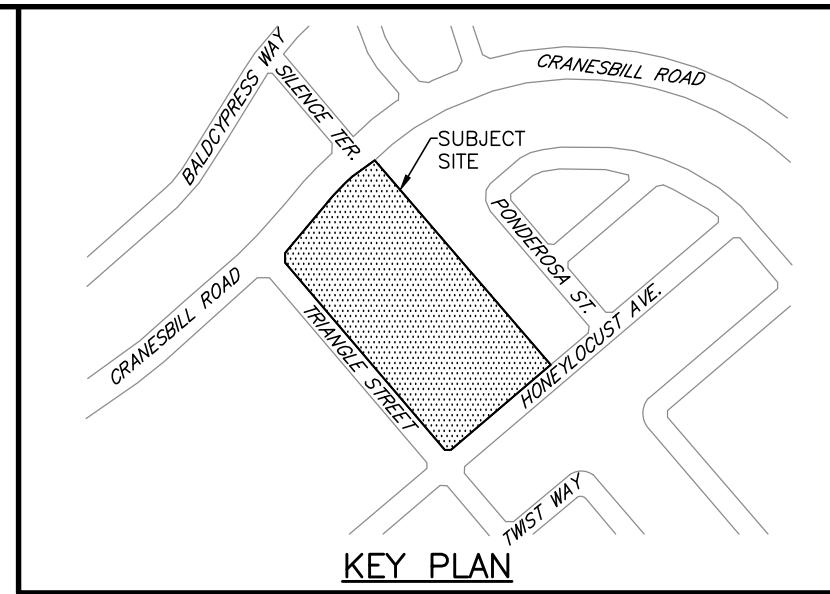
**CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)**



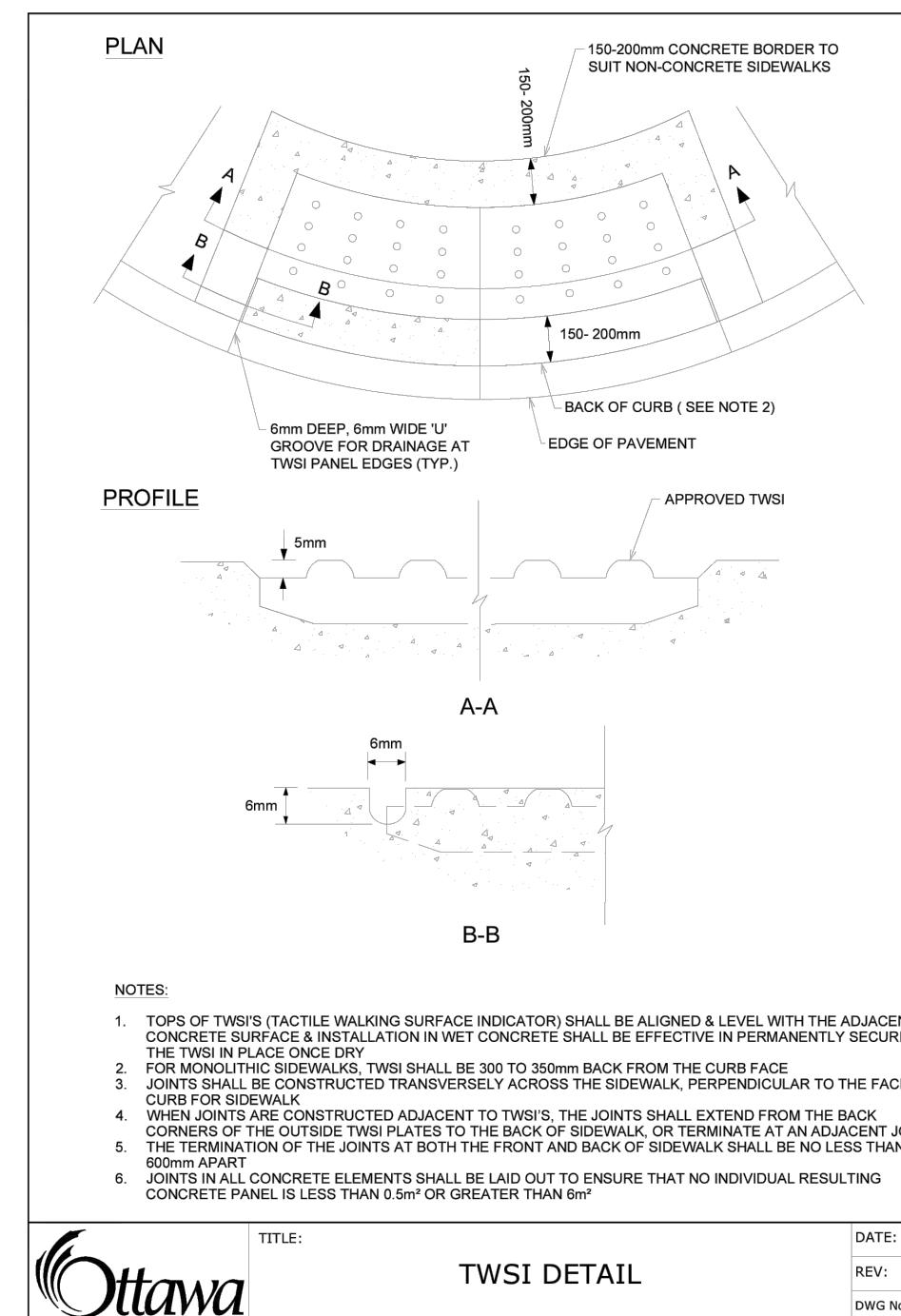
**ASPHALT PATHWAY/ SERVICE ACCESS**



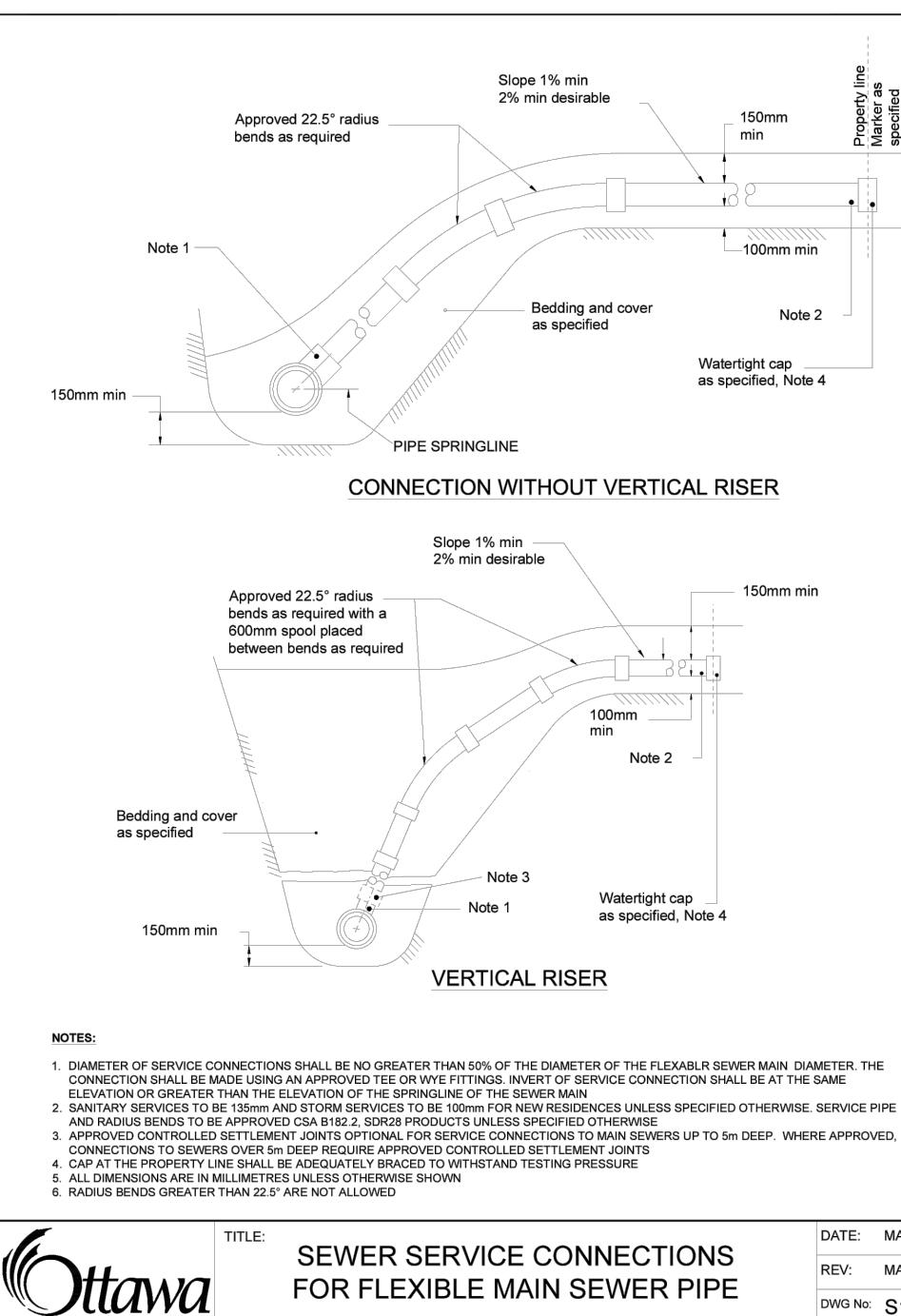
**STANDARD TRENCH REINSTATEMENT IN PAVED SURFACE**



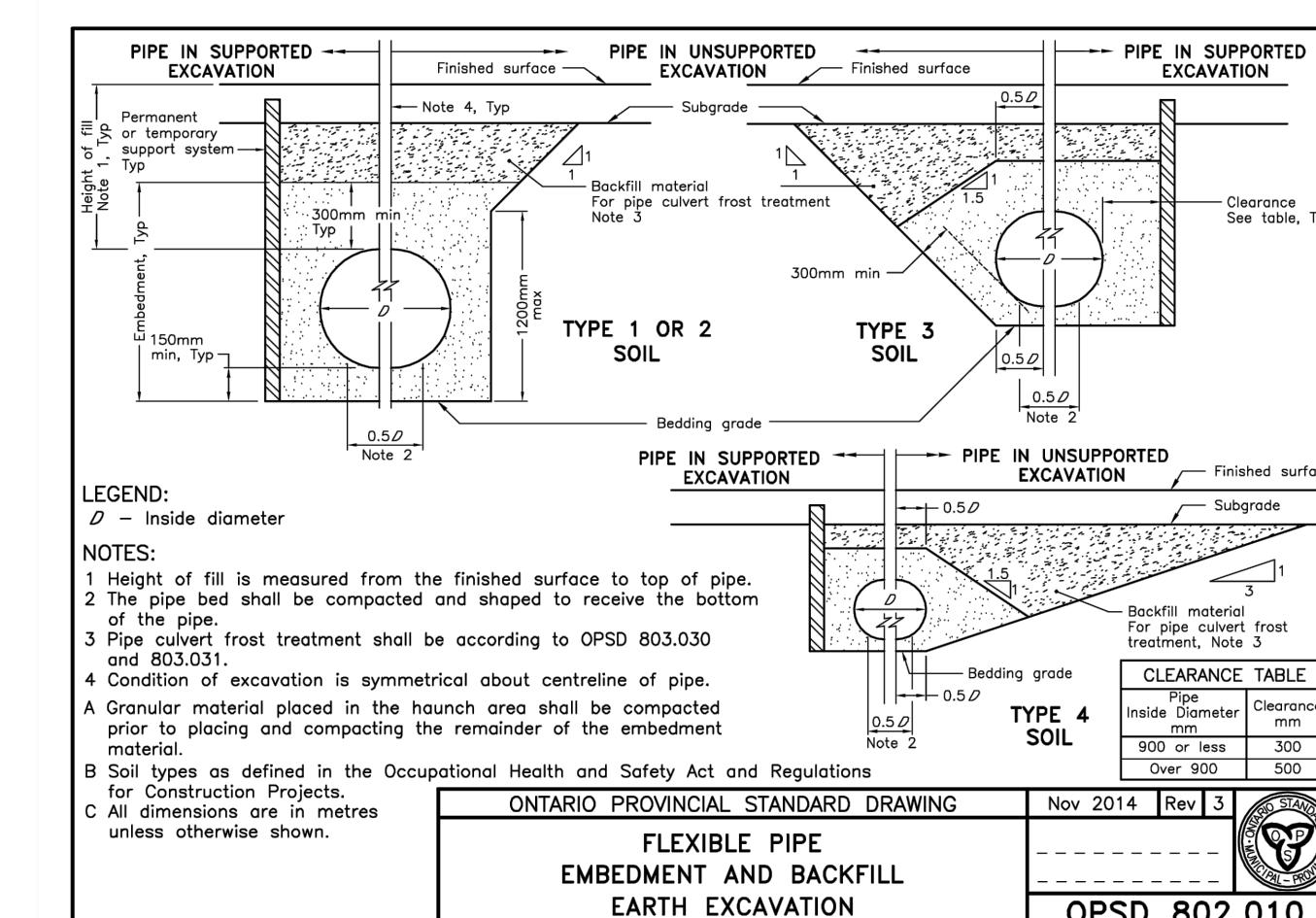
**CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE - UNCONTROLLED INTERSECTION**



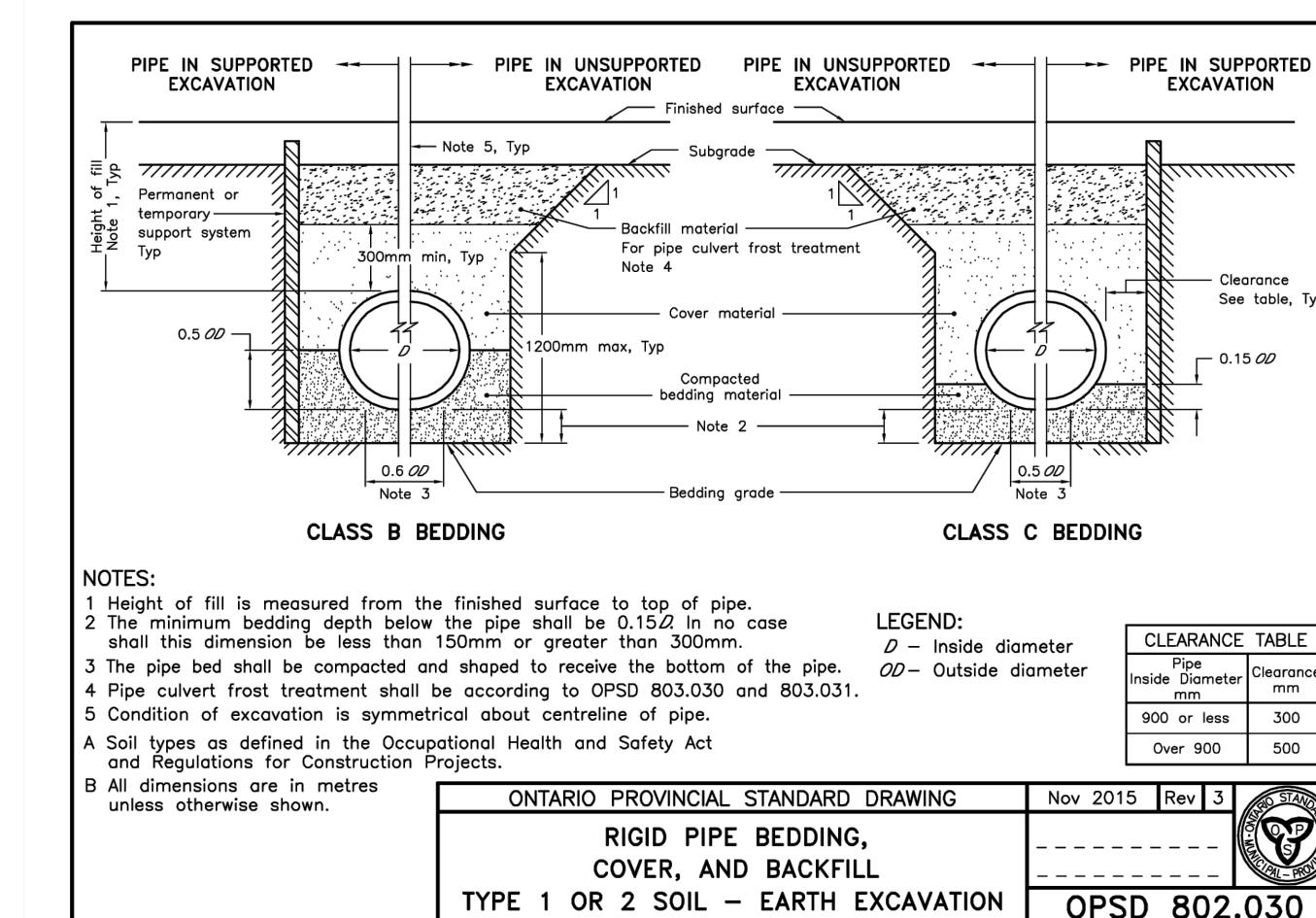
**CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE - UNCONTROLLED INTERSECTION**



**SEWER SERVICE CONNECTIONS FOR FLEXIBLE MAIN SEWER PIPE**



**FLEXIBLE PIPE EMBEDMENT AND BACKFILL EARTH EXCAVATION**

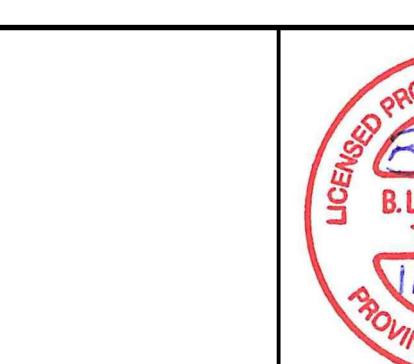


**RIGID PIPE BEDDING, COVER, AND BACKFILL EARTH EXCAVATION**

**APPROVED**  
By Allison Hamlin at 5:03 pm, Jan 08, 2026

NOTES:  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM. PROPERTY BOUNDARIES HAVE BEEN DERIVED FROM THE TOPOGRAPHIC PLAN OF SURVEY OF BLOCK 110 REGISTERED PLAT 4M-162 AND BLOCK 104 REGISTERED PLAT 4M-1606 CITY OF OTTAWA, PREPARED BY STATEMENT GEOGRAPHIC LTD. ON JANUARY 8, 2024. COORDINATES ARE DERIVED FROM CAN-NET VRS NETWORK. GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, MTM ZONE 9, NAD83 (ORIGINAL). ELEVATIONS ARE GEODETIC (CGVD-1928-1978) AND ARE DERIVED FROM THE CAN-NET VRS NETWORK MONUMENT: ELEVATION 95.230.

NO.	REVISION DESCRIPTION	DATE	BY
4	REVISED PER COMMENTS	11/12/25	BLM
3	ISSUED FOR PERMIT	13/11/25	BLM
2	REVISED PER CITY COMMENTS	23/09/25	BLM
1	ISSUED FOR REVIEW	03/04/25	BLM
	REVISION DESCRIPTION	DATE	BY



**Robinson**  
Land Development

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(613) 592-6060 rci.com

DESIGN  
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BLM  
BLM  
BLM  
BLM  
BLM

OTTAWA CATHOLIC SCHOOL BOARD  
FERNBANK NORTH  
ELEMENTARY SCHOOL  
620 TRIANGLE STREET, STITTSVILLE

NOTES & DETAILS

PROJECT No.  
24093  
SURVEY  
STANTEC  
DATED  
DECEMBER 2025  
DWG. No.  
24093-N2

