

	PROPERTY LINE
	PROPOSED BUILDING
	NEW LIGHT DUTY ASPHALT PER DETAIL 1/C3
	NEW HEAVY DUTY ASPHALT PER DETAIL 2/C3
	NEW CONCRETE SIDEWALK
	NEW GRASS
	NEW INSULATION AS PER CITY DETAIL W22
	TERRACING
	EXISTING CATCHBASIN
	EXISTING MANHOLE
	NEW SUBDRAIN
	NEW STORM SEWER
	NEW SANITARY SEWER
	NEW WATERMAIN
	NEW LANDSCAPE DRAIN
	NEW CATCHBASIN
	NEW CATCHBASIN MANHOLE
	NEW SANITARY MANHOLE
	NEW STORM MANHOLE
	CROSSING LOCATION IDENTIFIER
	NEW SILT FENCE
	NEW ROOF SCUPPER
	NEW ROOF DRAIN

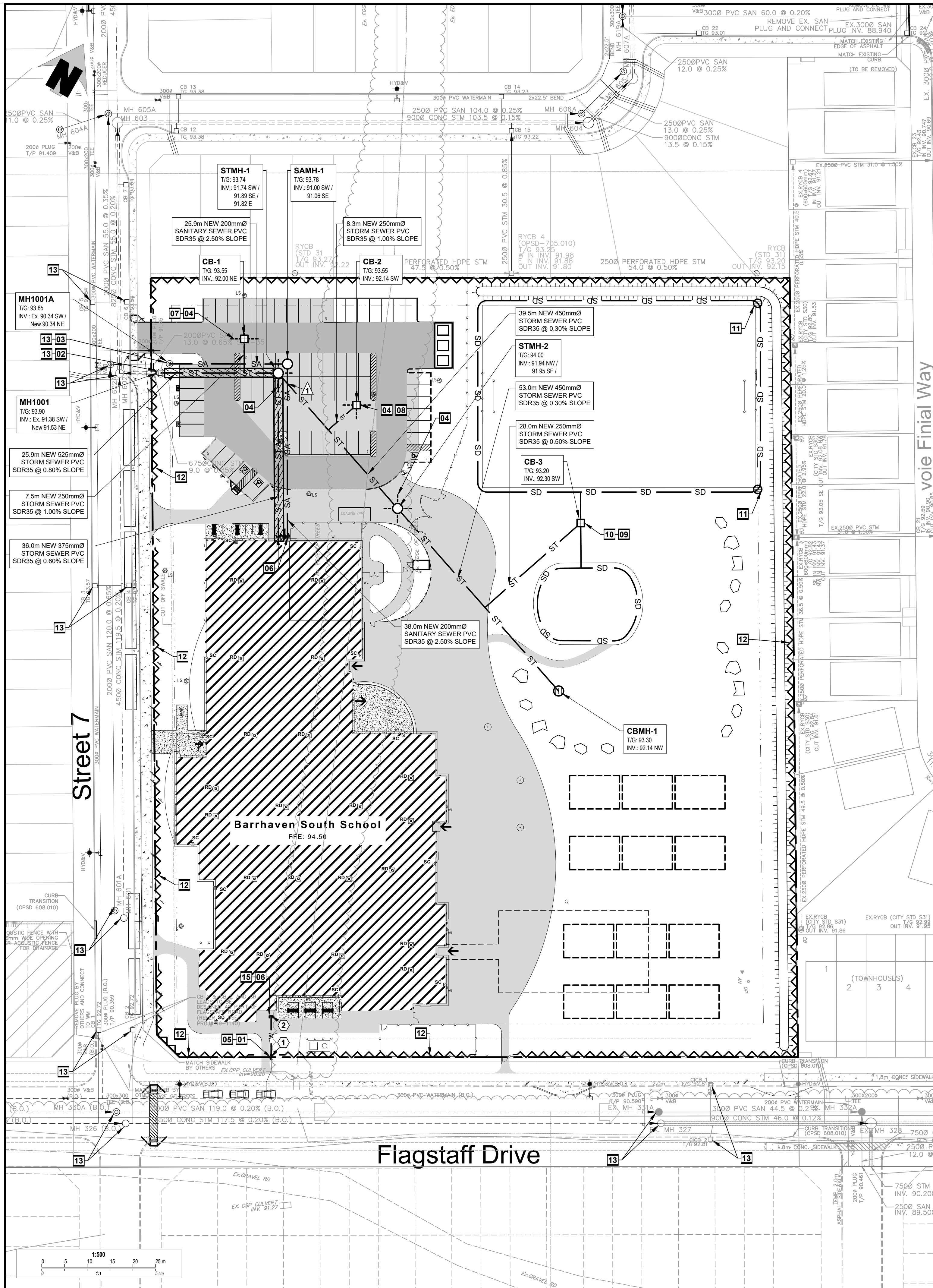
1. DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS WITH RESPECT TO SITE CONDITIONS AND ALL MATERIALS TO THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT.
4. ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MENTIONED INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.
5. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITY HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
6. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, DAYLIGHTING, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATER COURSE, DURING CONSTRUCTION ACTIVITIES; THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, INSTALLING SILT FENCES AND OTHER EFFECTIVE SEDIMENT TRAPPS, AND INSTALLING AND MAINTAINING MUD MATS FOR OUTGOING CONSTRUCTION TRAFFIC DURING CONSTRUCTION ACTIVITIES.
2. PREVENT SOIL LOSS DURING CONSTRUCTION (BY STORM WATER RUNOFF OR WIND EROSION).
3. PROTECT TOPSOIL BY STOCKPILING FOR REUSE.
4. PREVENT SEDIMENTATION OF STORM SEWERS AND RECEIVING STREAMS.
5. PREVENT AIR POLLUTION FROM DUST AND PARTICULATE MATTER.
6. ALL STORM MANHOLES AND CATCHBASIN MANHOLES TO HAVE 300mm SUMP; ALL CATCHBASINS TO HAVE 600mm SUMPS.
7. INSTALL FILTER BAG INSERT IN ALL STORM MANHOLES AND CATCH BASINS IMPACTED DURING CONSTRUCTION, INCLUDING CATCH BASINS IN THE RIGHT OF WAY.
8. SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA INSPECTOR OR CONSERVATION AUTHORITY.
9. STORM WATER PUMPED INTO CITY SERVICE SHALL FLOW THROUGH A FILTER SOCK.
10. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- 01 SUPPLY AND INSTALL NEW 200mm Ø PVC DR18 WATER MAIN SERVICE, MINIMUM 2.4m COVER, OTHERWISE PROVIDE HL40 THERMAL INSULATION IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W22. COORDINATE NEW WATER SERVICE CONNECTION WITH MECHANICAL PLANS.
- 02 SUPPLY AND INSTALL NEW 525mm STORM SEWER AND CONNECT TO STORM SEWER MANHOLE MH1001A AT INVERT 91.53. PROVIDE WATERTIGHT CONNECTION. CONNECTION SHALL BE MADE WITH CORE DRILLING. MH1001A TO BE INSTALLED BY OTHERS. CONTRACTOR TO HYDROVAC TO CONFIRM NEW AND EXISTING INVERTS PRIOR TO CONSTRUCTION.
- 03 SUPPLY AND INSTALL NEW 200mm SANITARY SEWER SEWER AND CONNECT TO SANITARY SEWER MANHOLE MH1001A AT INVERT 90. PROVIDE WATERTIGHT CONNECTION. CONNECTION SHALL BE MADE WITH CORE DRILLING. MH1001A TO BE INSTALLED BY OTHERS. CONTRACTOR TO HYDROVAC TO CONFIRM INVERT PRIOR TO CONSTRUCTION.
- 04 INSTALL PERFORATED SUBDRAIN WRAPPED IN GEOTEXTILE SOCK EXTENDING FROM STORM STRUCTURE AT PAVEMENT SUBGRADE LEVEL. PROVIDE WATERTIGHT CONNECTION. REFER TO GEOTECHNICAL NOTES IN DRAWING C2.
- 05 CONNECT NEW SERVICE TO EXISTING 200mm WATERMAIN STUB. APPROXIMATE TOP OF EXISTING WATERMAIN ELEVATION: 90.70. CONTRACTOR TO HYDROVAC TO CONFIRM OVERT AND EXISTING WATER VALVE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH CITY OF OTTAWA FORCES.
- 06 CONNECT SERVICES TO INTERIOR PLUMBING 1.0m FROM BUILDING FOUNDATION. PERIMETER FOUNDATION DRAIN TO BE CONNECTED TO NEW STORM SEWER SERVICE. REFER TO MECHANICAL AND ARCHITECTURAL PLANS.
 - SANITARY INVERT: 92.00
 - STORM INVERT: 92.10
- 07 SUPPLY AND INSTALL NEW TEMPEST MHF INLET CONTROL DEVICE FLOW REGULATOR OR APPROVED EQUIVALENT AT CATCHBASIN, CB-2 OUTLET. MAXIMUM DISCHARGE 25.0 l/s AT 1.58m HEAD AND ORIFICE DIAMETER AT 95mm.
- 08 SUPPLY AND INSTALL NEW TEMPEST MHF INLET CONTROL DEVICE FLOW REGULATOR OR APPROVED EQUIVALENT AT CATCHBASIN, CB-2 OUTLET. MAXIMUM DISCHARGE 29.0 l/s AT 1.54m HEAD AND ORIFICE DIAMETER AT 105mm.
- 09 SUPPLY AND INSTALL NEW TEMPEST MHF INLET CONTROL DEVICE FLOW REGULATOR OR APPROVED EQUIVALENT AT CATCHBASIN, CB-3 OUTLET. MAXIMUM DISCHARGE 30.0 l/s AT 1.38m HEAD AND ORIFICE DIAMETER AT 110mm.
- 10 SUPPLY AND INSTALL NEW 150mm Ø PERFORATED DRAIN PIPE c/w FILTER SOCK. CONNECT PLAIN AREA AND FIELD SUBDRAIN TO CB-3 PROVIDE WATERTIGHT CONNECTION.
- 11 SUPPLY AND INSTALL NEW LANDSCAPE DRAIN AS PER CITY OF OTTAWA STANDARD DETAIL S30.
- 12 SUPPLY AND INSTALL SILT FENCE IN ACCORDANCE WITH OPSD 219.130.
- 13 PROTECT EXISTING MANHOLES AND CATCHBASINS USING A FILTER SOCK OR FILTER BASED IN ACCORDANCE WITH DETAIL 4/C3.
- 14 SUPPLY AND INSTALL WATTS RD-100 ROOF DRAIN CONTROLS TO BE INSTALLED ON ALL ROOF DRAINS. MAXIMUM CUMULATIVE DISCHARGE 186.5 l/s TOTAL. REFER TO MECHANICAL FOR SPECIFIC WEIR SETTINGS.
- 15 NEW PRESSURE REDUCING VALVE TO BE INSTALLED IN INTERIOR OF THE BUILDING. REFER TO MECHANICAL PLANS.

[Signature]

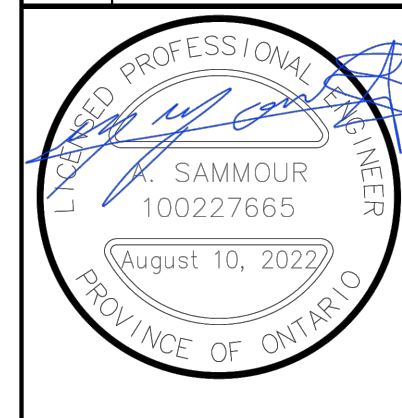
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



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11	SITE PLAN CONTROL Rev.4	2022-08-10
10	SITE PLAN CONTROL Rev.3	2022-06-21
9	ADDENDA 2	2022-05-18
8	ADDENDA 1	2022-05-09
7	TENDER	2022-04-27
6	SITE PLAN CONTROL Rev.2	2022-04-21
5	BUILDING PERMIT	2022-04-21
4	SITE PLAN CONTROL Rev.1	2022-02-04
3	80% DESIGN / CLASS A COST ESTIMATE	2021-11-30
2	SITE PLAN CONTROL	2021-11-23
1	PRELIMINARY COORDINATION	2021-10-29
No.	Description	YYYY-MM-DD



Client

P	R	PYE & RICHARDS - TEMPRANO & YOUNG ARCHITECTS INC.
T	Y	

824 Meath St. Suite 200
Ottawa, ON K1Z 6E8

**Barrhaven Catholic
Elementary School**

Street 7, Ottawa, Ontario

Site Servicing, Erosion and Sediment Control Plan

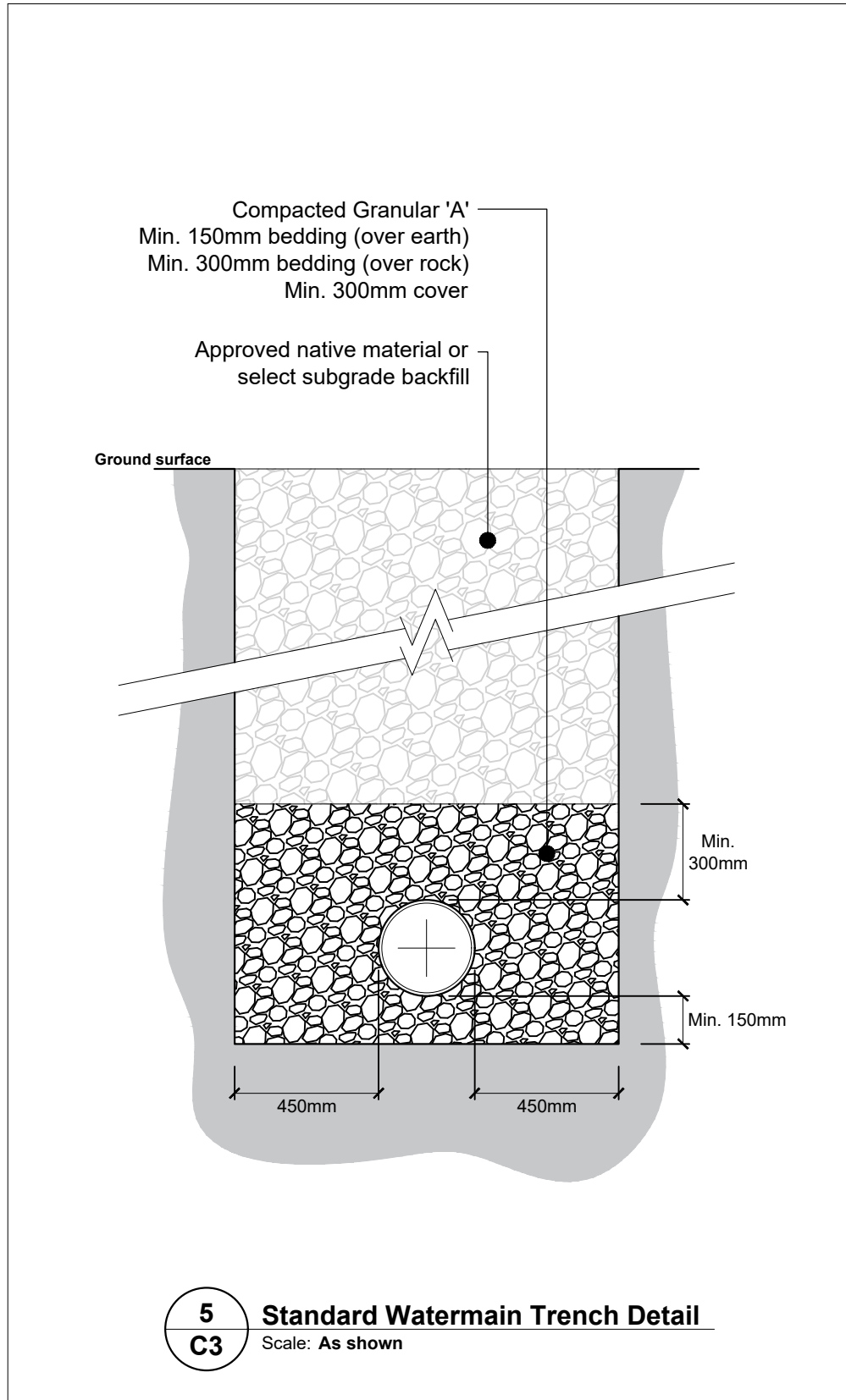
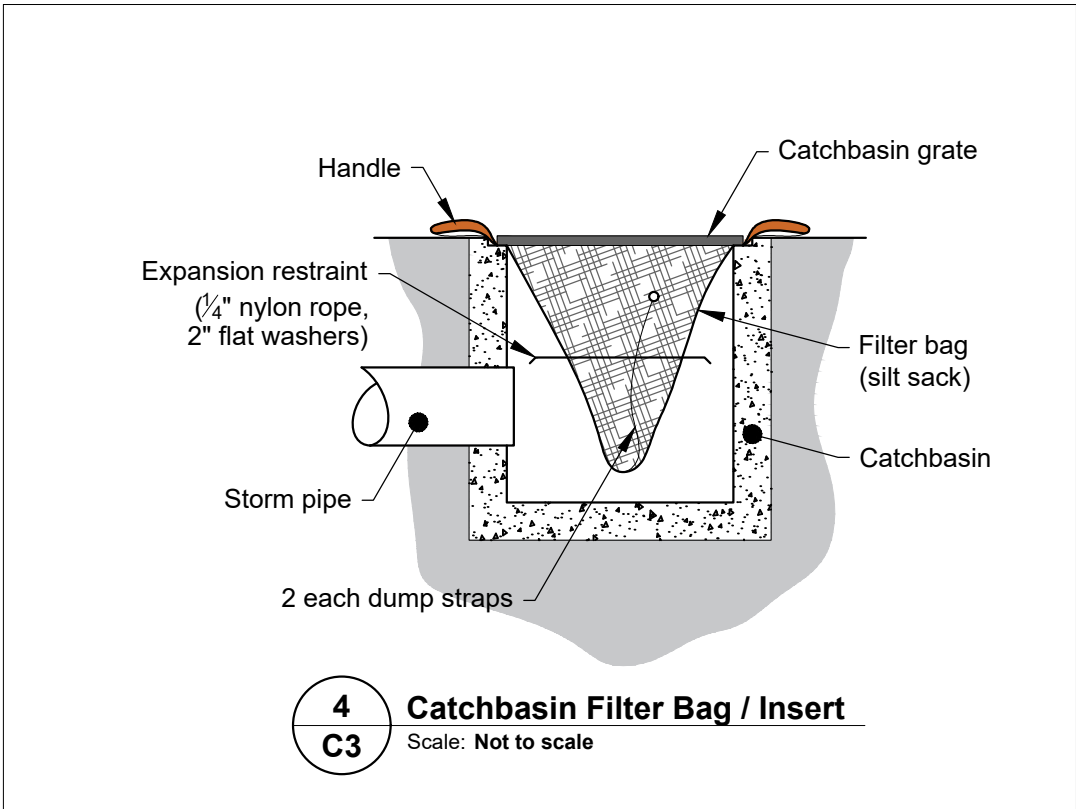
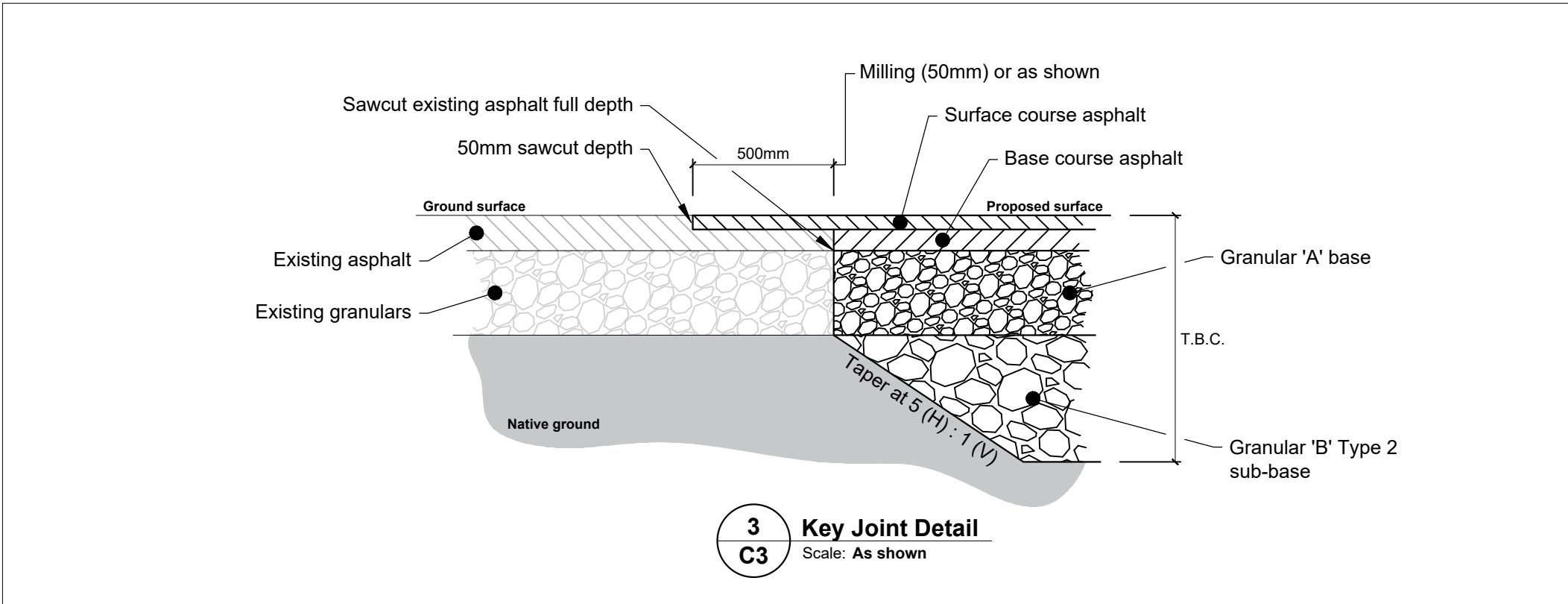
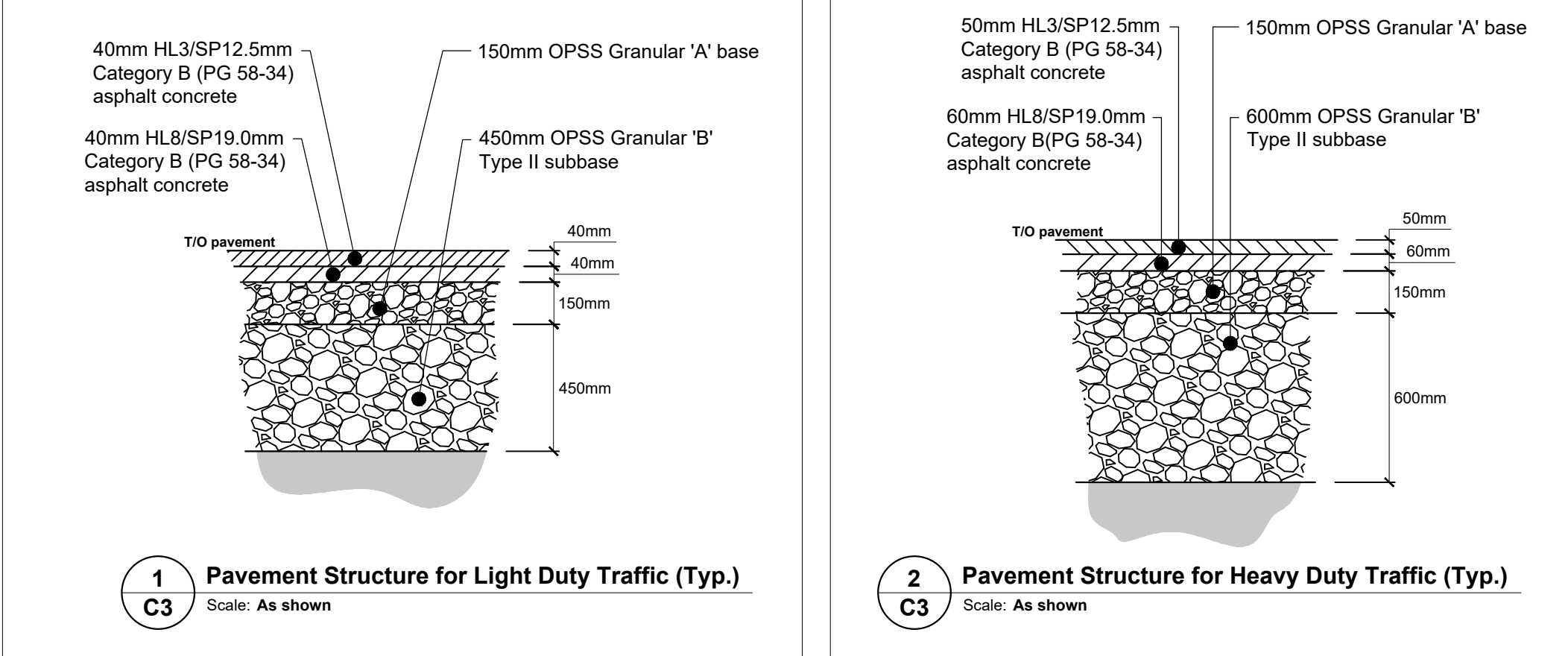
Do not scale. Refer any dimensional errors and/or possible trade interference/conflict to the architects for clarification prior to commencement of the work.
The conditions of the contract apply.

Project No.	
Scale As shown	
Drawn By R.I.	
Checked A.S.	
Date	
Drawing No.	
Revision No.	

CROSSING TABLE				
LOCATION	OVER / UNDER	INVERT (m)	OBVERT (m)	VERTICAL CLEARANCE (m)
1	STORM SEWER / SANITARY SEWER	91.84	91.35	0.49

MANHOLE AND CATCHBASIN SCHEDULE				
STRUCTURE ID	TOP OF FRAME ELEVATION (m)	PIPE INVERT ELEVATION (m)	STRUCTURE SIZE (mm) / OPSD No.	FRAME (OPSD)
MH1001A	93.85	Ex. 90.34 SW / New 90.34 NE	1200 / 701.010	-
SAMH-1	93.78	91.00 SW / 91.06 SE	1200 / 701.010	S25 / S24
MH1001	93.90	Ex. 91.38 SW / New 91.53 NE	1800 / 701.012	-
STMH-1	93.74	91.74 SW / 91.89 SE / 91.82 E	1500 / 701.011	S25/ S24.1
STMH-2	94.00	91.94 NW / 91.95 SE	1200 / 701.010	S25/ S24.1
CBMH-1	93.30	92.14 NW	1200 / 701.010	S25 / S28.1
CB-1	93.55	92.00 NE	600 X 600 / 705.010	S25 / S19
CB-2	93.55	92.14 SW	600 X 600 / 705.010	S25 / S19
CB-3	93.20	92.30 SW	600 X 600 / 705.010	S25 / S19

WATER SERVICE TABLE				
ID	DESCRIPTION	FINISHED GRADE (m)	T/O WATERMAIN (m)	CHAINAGE (m)
1	MUNICIPAL STUB CONNECTION	93.23	90.70	0+00.00
2	BUILDING ENTRY	94.50	92.10	0+09.00
NOTE: PROVIDE MINIMUM 2.4m COVER OVER T/O WATERMAIN TO FINISHED GRADE, OTHERWISE PROVIDE THERMAL INSULATION HL40.				



OTTAWA CATHOLIC SCHOOL BOARD

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Jp2g No.: 20-1095B

SUBJECT PROPERTY

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PROFESSIONAL ENGINEER
A. SAMMOUR
100227665
August 10, 2022
PROVINCE OF ONTARIO

Client

P

R

T

Y

PYE & RICHARDS - TEMPRANO & YOUNG ARCHITECTS INC.

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Project

Barrhaven Catholic Elementary School

Street 7, Ottawa, Ontario

Drawing Title

Details

Do not scale. Refer any dimensional errors and/or possible trade interference/conflict to the architect for clarification prior to commencement of the work. The conditions of the contract apply.

Project No.	Drawing No.
Scale	As shown
Drawn By	R.I.
Checked	A.S.
Date	Revision No.

C3

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Folder: J:\11-MultiDiscipline\2020\20-1095B - OCSB - Barrhaven South School\06 Drawings\04 ONGOING | Drawing: Civil Barrhaven v18.dwg | Layout: C3 Details | Print date: 4:28 PM August 10, 2022