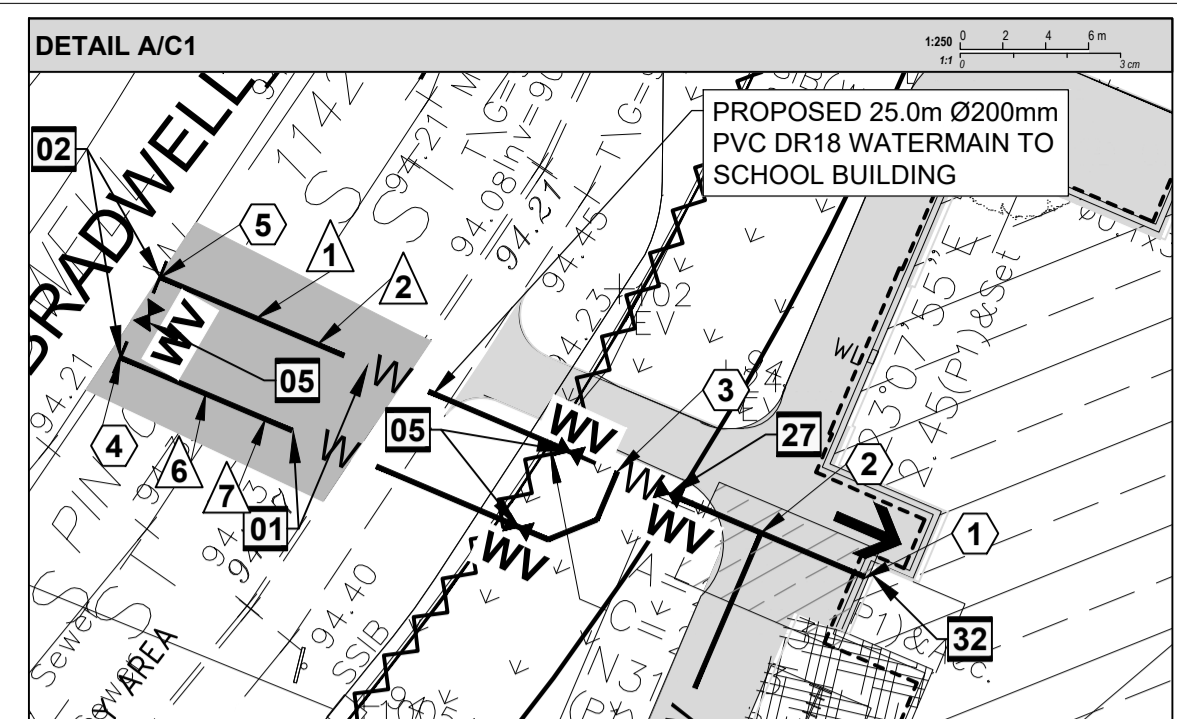


LEGEND	
	PROPERTY LINE
	EXISTING BUILDING
	DEPRESSED CURB
	BREAK OF SLOPE - NEW
	NEW FENCE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATERMAIN
	NEW SANITARY SEWER
	NEW STORM SEWER
	NEW WATERMAIN
	NEW SUBDRAIN
	NEW SILT FENCE
	NEW SWALE
	NEW BERM
	NEW LIGHT DUTY ASPHALT
	NEW HEAVY DUTY ASPHALT
	NEW CONCRETE SIDEWALK
	NEW GRASS
	NEW REINFORCED GRASS
	NEW INSULATION
	MILLING & OVERLAY 50mm THICK HEAVY DUTY ASPHALT AS PER CITY SPECS
	NEW MULCH
	NEW GRAVEL PATHWAY
	NEW LANDSCAPING BERM
	NEW ROCK SEATING
	SEE SHEET NUMBER "CS"
	EXISTING CATCHBASIN
	EXISTING MANHOLES
	NEW CATCHBASIN
	NEW CURB INLET CATCHBASIN
	NEW CATCHBASIN MANHOLE
	NEW SANITARY MANHOLE
	NEW STORM MANHOLE
	NEW WATER VALVE
	NEW INLET CONTROL DEVICE
	NEW ROOF DRAIN
	NEW SCUPPER AT 150MM ABOVE ROOF DRAIN LEVEL
	NEW SIAMESE CONNECTION
	NEW REAR YARD CATCH BASIN

**GENERAL NOTES**

- DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.
- 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.
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- 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.



**APPROVED**  
By Lily Xu at 4:11 pm, Jun 15, 2023

*Lily Xu*

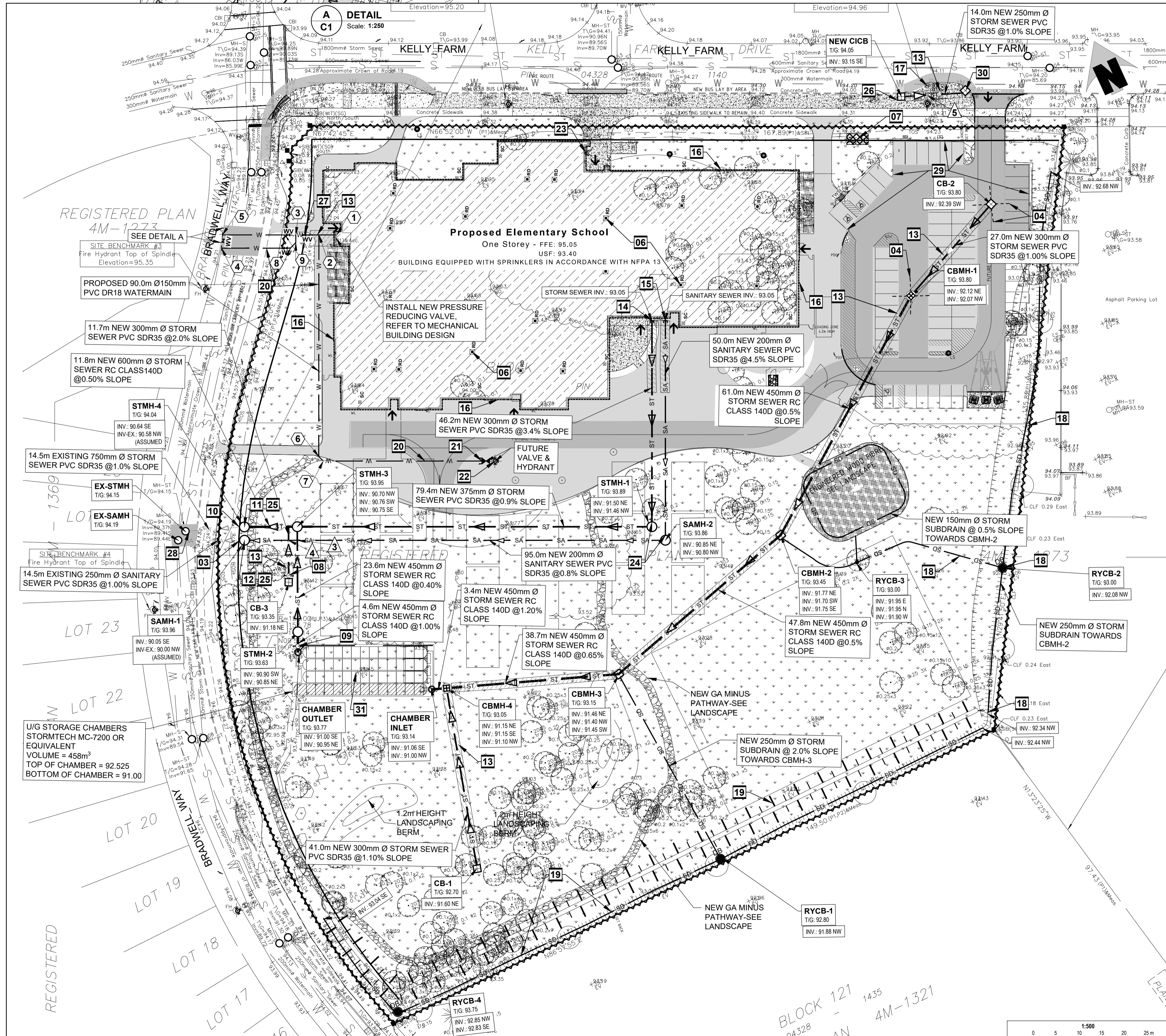
LILY XU, MCIP, RPP  
MANAGER, DEVELOPMENT REVIEW SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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Phone: (613) 828-7800 Fax: (613) 828-2900  
4026 No. 20-1095C



**DRAWING NOTES**

- SUPPLY AND INSTALL NEW 2200mm Ø PVC DR18 WATER MAIN SERVICE, MINIMUM 2.4m COVER, OTHERWISE PROVIDE HEAD THERMAL INSULATION IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W22. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR A WATER PERMIT FROM THE CITY OF OTTAWA FOR INSPECTION, DISINFECTION (CHLORINATION) AND TESTING. COORDINATE NEW WATER SERVICE CONNECTION WITH MECHANICAL PLANS.
- INSTALLATION OF NEW SERVICE CONNECTION TEE 200mmØ200mm Ø PVC TO EXISTING MUNICIPAL WATERMAIN TO BE COMPLETED BY CITY OF OTTAWA FORCES. EXCAVATION, BACKFILL AND RE-INSTATEMENT BY CONTRACTOR.
- EXISTING SANITARY STUB APPROXIMATE INVERT: 90.00 INVERTS TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE UNDERGROUND UTILITY LOCATES BY DAYLIGHTING PRIOR TO CONSTRUCTION SHOULD THERE BE ANY DISCREPANCY OF EXISTING TOPOGRAPHIC INFORMATION. CONTRACTOR TO INFORM CONSULTANT ACCORDINGLY.
- INSTALL FOUR WAY 3.0m LONG 150mm Ø PERFORATED SUBDRAIN WRAPPED IN GEOTEXTILE SOCK EXTENDING FROM CB/CBMH AT PAVEMENT SUBGRADE LEVEL. PROVIDE WATER TIGHT CONNECTION.
- SUPPLY AND INSTALL NEW 200mm WATER VALVE AT WATER MAIN AND PROPERTY LINE. VALVEBOX ASSEMBLY AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W24 AND W50.
- SUPPLY AND INSTALL WATTS ROOF DRAIN CONTROLS TO BE INSTALLED ON ROOF DRAINS. MAXIMUM DISCHARGE 38.69 l/s TOTAL. MAXIMUM ROOF PONDING DEPTH 0.15m. REFER TO MECHANICAL FOR SPECIFIC WEIR SETTINGS. 5-YEAR PONDING VOLUME: 53m<sup>3</sup>. 100 YEAR PONDING VOLUME: 148m<sup>3</sup>.
- NEW TRANSFORMER AND BOLLARDS.
- SUPPLY AND INSTALL NEW INLET CONTROL DEVICE FLOW REGULATOR AT CATCH BASIN, CB-3 OUTLET. MAXIMUM DISCHARGE 26.0 l/s AT 2.02m HEAD AND ORIFICE DIAMETER AT 93mm.
- SUPPLY AND INSTALL NEW INLET CONTROL DEVICE FLOW REGULATOR AT STORAGE CHAMBER OUTLET. MAXIMUM DISCHARGE 95.6 l/s AT 1.35m HEAD AND ORIFICE DIAMETER AT 197mm.
- EXISTING STORM STUB APPROXIMATE INVERT: 90.58 INVERTS TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE UNDERGROUND UTILITY LOCATES BY DAYLIGHTING PRIOR TO CONSTRUCTION.
- INSTALL NEW STORM MANHOLE, STMH-4 AND 600mm Ø STORM SEWER PIPE TO CONNECT THE EXISTING 750mm Ø STUB. PROVIDE WATER TIGHT CONNECTION.
- INSTALL NEW SANITARY MANHOLE SAMH-1 AND 200mm Ø SANITARY SEWER PIPE TO CONNECT THE EXISTING 250mm Ø STUB. PROVIDE WATER TIGHT CONNECTION.
- PROVIDE 100mm HIGH LOAD RIGID INSULATION PLACED WITHIN SUBGRADE. INSULATION SHALL BE 2.0m WIDE ABOVE PIPE WHERE INDICATED.
- CONNECT STORM SEWER TO BUILDING AT INVERT 93.05.
- CONNECT SANITARY SEWER TO BUILDING AT INVERT 93.05.
- NEW PERIMETER FOUNDATION DRAINAGE (REFER TO ARCHITECTURAL) TO BE CONNECTED TO THE NEW STORM SEWER.
- RAISE EXISTING VALVE LEVEL TO NEW CURB LEVEL.
- SUPPLY AND INSTALL NEW 150mm Ø PERFORATED DRAIN PIPE c/w FILTER SOCK AS PER CITY DETAIL S9. CONNECT SUBDRAIN TO CBMH-2. PROVIDE WATER TIGHT CONNECTION.
- SUPPLY AND INSTALL NEW 250mm Ø PERFORATED DRAIN PIPE c/w FILTER SOCK. CONNECT SUBDRAIN TO CBMH-3. PROVIDE WATER TIGHT CONNECTION.
- ALL WATERMAIN SHALL BE PROVIDED WITH TRACER WIRE AS PER CITY OF OTTAWA STANDARD DETAILS AND SPECIFICATIONS.
- INSTALL UNDERGROUND CAP WITH METAL BOX FOR CONNECTION TO THE FUTURE FIRE HYDRANT VALVE.
- FUTURE VALVE AND FIRE HYDRANT METAL BOX
- NEW SIAMESE CONNECTION.
- SUPPLY AND INSTALL BACKFLOW VALVES ON SANITARY AND STORM BUILDING CONNECTION AS PER CITY OF OTTAWA REQUIREMENT. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR PROFLUX PROCO 790 DUCK BILL TYPE AS FOLLOWS:
  - SANITARY BACKWATER VALVE, 6" SIZE (200mm).
  - STORM BACKWATER VALVE, 12" SIZE (300mm).
  - VALVE CLAMP LOCATIONS AT DISCHARGE.
- NEW MONITORING MANHOLE.
- NEW CIBC TO BE CONNECTED TO EXISTING CIBC.
- INSTALL DMA CHAMBER AND VALVE AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W3 AND W3.3.
- CONTRACTOR TO CONFIRM INVERTS IN EXISTING STORM MANHOLE AS FOLLOWS:
  - S = 90.85, N = 90.41, E-STUB-OUT = 90.43
- CONTRACTOR TO CONFIRM THE STORM STUB-OUT SLOPE AT 1% CONNECTING TO STMH-1 AT INVERT 90.58. SHOULD THERE BE ANY DISCREPANCY OF EXISTING TOPOGRAPHIC INFORMATION, CONTRACTOR TO INFORM CONSULTANT ACCORDINGLY.
- SUBDRAINS SHOULD BE INSTALLED ON THE SIDES OF THE ACCESS ROAD AND PARKING AREA. SEE GEOTECHNICAL NOTES AND REFER TO GEOTECHNICAL REPORT.
- RELOCATE AND ROTATE EXISTING CIBC, MODIFY TO RECEIVE NEW STORM SEWER FROM NEW CIBC.
- NEW STORMTECH MC-7200 STORAGE CHAMBER SYSTEM OR EQUIVALENT. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL.
- WATER SERVICE ENTRY TO BE SLEEVED THROUGH FOUNDATION WALL ON TOP OF FOOTING AT 93.85. INSULATE PER CITY OF OTTAWA W22 WHERE LESS THAN 2.4m OF COVER IS PROVIDED.



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4	ISSUED FOR TENDER	2023-03-08
3	ISSUED FOR SITE PLAN CONTROL REV-2	2023-02-08
2	ISSUED FOR BUILDING PERMIT	2022-12-14
1	ISSUED FOR SITE PLAN CONTROL REV-1	2022-10-07

Client: **P R PYE & RICHARDS - TEMPRANO & YOUNG ARCHITECTS INC.**  
824 Meath St. Suite 200 613. 724. 7700  
Ottawa, ON K1Z 6E8 info@prty.ca

Project: **OCSB Findlay Creek Elementary School**  
4140 Kelly Farm Drive, Ottawa, Ontario

Drawing Title: **Site Servicing Plan**

Project No.	Drawing No.
Scale: As shown	<b>C1</b>
Drawn By: R.I.	Checked: A.S.
Date	Revision No.

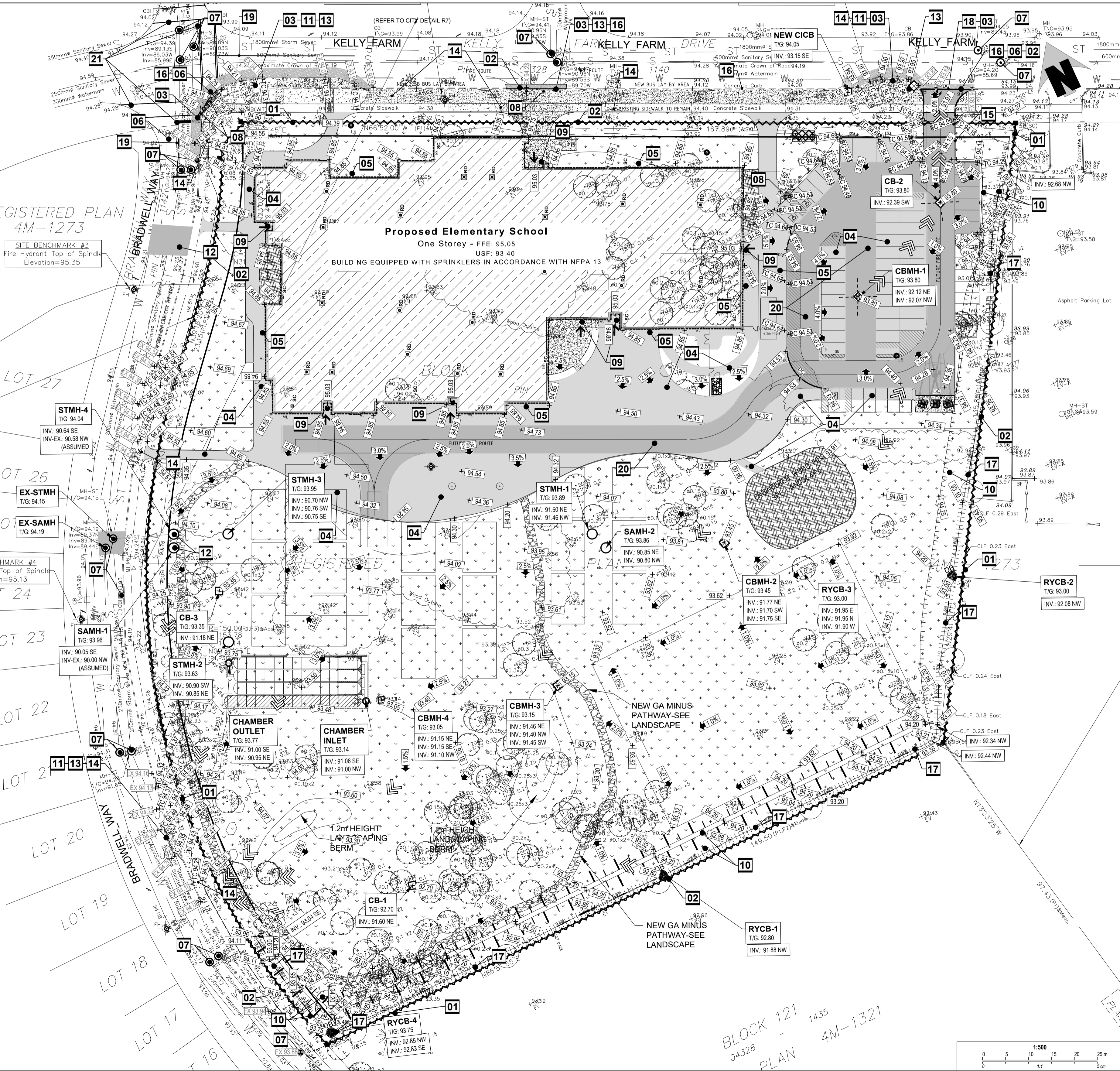
LEGEND	
	PROPERTY LINE
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	BREAK OF SLOPE - NEW
	NEW FENCE
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	EXISTING WATERMAIN
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	NEW GRAVEL
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	EXISTING CATCHBASIN
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	NEW CATCHBASIN
	NEW CURB INLET CATCHBASIN
	NEW CATCHBASIN MANHOLE
	NEW SANITARY MANHOLE
	NEW STORM MANHOLE
	NEW WATER VALVE
	NEW INLET CONTROL DEVICE
	NEW TRANSFORMER PAD
	EXISTING GRADE
	NEW GRADE
	NEW SWALE SLOPE
	OVERLAND FLOW ROUTE
	PROPOSED TOP OF CURB
	PROPOSED BOTTOM OF CURB
	NEW SIAMESE CONNECTION
	NEW GRAVEL PATHWAY
	NEW LANDSCAPING BERM
	NEW ROCK SEATING, SEE LANDSCAPE

GENERAL NOTES	
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.
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5.	CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITIES 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.

DRAWING NOTES	
01	INSTALL SILT FENCE IN ACCORDANCE WITH OPSS 219.130.
02	MATCH EXISTING GRADES AT PROPERTY LINE AND LIMITS OF WORK.
03	REINSTATE PAVEMENT TO MATCH EXISTING ROAD PAVEMENT STRUCTURE.
04	INSTALL LIGHT DUTY PAVEMENT IN ACCORDANCE WITH DETAIL 103 ACCORDINGLY. REINSTATE GRADES TO TIE INTO EXISTING AND PROVIDE POSITIVE DRAINAGE TOWARDS STORM STRUCTURES.
05	GRADES TO SLOPE AWAY FROM THE BUILDING TO PROVIDE POSITIVE DRAINAGE.
06	ANY DISTURBED AREA WITHIN THE RIGHT-OF-WAY SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF THE CITY OF OTTAWA.
07	PROTECT EXISTING MANHOLES AND CATCHBASINS USING A FILTER SOCK OR FILTER BASK IN ACCORDANCE WITH DETAIL 4/C3.
08	NEW RAMP & TYSI AS PER CITY STANDARD.
09	PAVEMENT TO BE WITHIN 12mm OF DOOR.
10	PROVIDE MAXIMUM 4:1 SLOPE.
11	NEW CONCRETE SIDEWALK AS PER CITY OF OTTAWA STANDARD SC2.
12	CONTRACTOR TO PROVIDE TRENCH BOX FOR EXCAVATION IN PROXIMITY OF MUNICIPAL RIGHT OF WAY.
13	REMOVE EXISTING BARRIER CURB.
14	NEW EXTENSION OF EXISTING SIDEWALK MAINTAIN EXISTING BARRIER CURB. PROVIDE DOWELS AND JOINTS BETWEEN EXISTING AND NEW SIDEWALK EXTENSION AS APPLICABLE PER CITY OF OTTAWA STANDARD DETAILS RA, RS AND RB. CONTRACTOR SHALL ENSURE THE STRUCTURAL INTEGRITY OF EXISTING CONCRETE SIDEWALK AND EXISTING CURB BARRIER THAT WILL REMAIN IN PLACE AND ITS UNDERLYING GRANULAR BASE WHEN COMPACTING THE SUBGRADE AND GRANULAR BASE OF THE NEW SIDEWALK EXTENSION. INSTALL REINFORCING MESH 150x150mm MW9.1xMW9.1 THROUGHOUT NEW EXTENSION. STOP WIRE MESH AT EXPANSION JOINTS.
15	INSTALL NEW BARRIER CURB AS PER CITY STANDARD SC1.1& SC7.1.
16	INSTALL NEW DEPRESSED CURB AS PER CITY STANDARD AT THE INTERFACE OF EXISTING EDGE OF PAVEMENT AND PROPOSED PAVEMENT OF THE NEW LAY-OUT.
17	CONSTRUCT NEW SWALE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING S29.
18	PROVIDE MUD MAT AT SITE ACCESS POINT.
19	ADJUST EXISTING CENTRE LINE MARKING TO SUIT NEW BUS TURNING RADIUS. REFER TO TRANSPORTATION FOR ADDITIONAL INFORMATION.
20	INSTALL HEAVY DUTY PAVEMENT IN ACCORDANCE WITH DETAIL 2/C3 ACCORDINGLY. REINSTATE GRADES TO TIE INTO EXISTING AND PROVIDE POSITIVE DRAINAGE TOWARDS STORM STRUCTURES.
21	NEW STOP BAR AND PEDESTRIAN CROSSING MARKINGS.

EROSION AND SEDIMENT CONTROL NOTES	
1.	THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE 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 TRAPS, 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 SUMP.
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.

GEOTECHNICAL NOTES	
1.	A GEOTECHNICAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO SHALL INSPECT ALL SUBGRADE SURFACES FOR FOOTING AND TRENCHES, PIPE BEDDING AND PAVEMENT STRUCTURES PRIOR TO CONSTRUCTION.
2.	IT IS STRONGLY RECOMMENDED TO REFER GEOTECHNICAL INVESTIGATION REPORT: GEO-TECHNICAL INVESTIGATION - PROPOSED FINDLAY CREEK CATHOLIC ELEMENTARY SCHOOL - 4140 KELLY FARM DRIVE - PREPARED BY EXP SERVICES INC.
3.	STRINGENT CONSTRUCTION CONTROL PROCEDURES SHOULD BE MAINTAINED TO ENSURE THAT UNIFORM SUBGRADE MOISTURE AND DENSITY CONDITIONS ARE ACHIEVED.
4.	SHOULD SURFACE AND SUBSURFACE WATER SEEPAGE OCCUR INTO THE EXCAVATIONS COLLECT ANY WATER ENTERING THE EXCAVATIONS AND REMOVE IT BY PUMPING FROM SUMP.
5.	THE SUBDRAINS ILLUSTRATED ON PLANS ARE SCHEMATIC. FULL SCHEMATIC OF SUBDRAINS SHOULD BE INSTALLED ON BOTH SIDES OF THE ACCESS ROAD(S). SUBDRAINS MUST BE INSTALLED IN THE PROPOSED PARKING AREA AND ACCESS ROADWAY AT LOW POINTS AND SHOULD BE CONTINUOUS BETWEEN CATCHBASINS TO INTERCEPT EXCESS SURFACE AND SUBSURFACE MOISTURE AND TO PREVENT SUBGRADE SOFTENING. THE LOCATION, SIZE AND EXTENT OF SUBDRAINS REQUIRED WITHIN THE PAVED AREAS SHOULD BE SUBMITTED BY CONTRACTOR AND REVIEWED BY THE GEO-TECHNICAL ENGINEER IN CONJUNCTION WITH THE PROPOSED SITE GRADING.
6.	IT IS RECOMMENDED THAT THE PIPE BEDDING BE 300 MM THICK AND CONSIST OF OPSS GRANULAR A. THE BEDDING MATERIAL SHOULD BE PLACED ALONG THE SIDES AND ON TOP OF THE PIPE TO PROVIDE A MINIMUM COVER OF 300 MM. THE BEDDING SHOULD BE COMPACTED TO AT LEAST 98 PERCENT OF THE SPMD.
7.	BACKFILL AROUND STRUCTURES MANHOLES AND CATCHBASINS SHOULD CONSIST OF FREE-DRAINING GRANULAR MATERIAL CONFORMING TO OPSS GRANULAR B TYPE II IN ORDER TO MINIMIZE DIFFERENTIAL MOVEMENT BETWEEN PAVEMENT AND CATCHBASIN/MANHOLE DUE TO FROST ACTION. WEEP HOLES SHOULD BE PROVIDED IN THE CATCHBASIN/MANHOLES TO FACILITATE DRAINAGE OF ANY WATER THAT MAY ACCUMULATE IN THE GRANULAR FILL.
8.	SPECIAL PROVISIONS SHOULD BE ALLOWED BY CONTRACTOR FOR LOADING CONDITIONS ON PAVEMENT STRUCTURE DURING CONSTRUCTION SUCH AS RESTRICTED LANES, HALF-LANES DURING PAVING AND/OR TEMPORARY CONSTRUCTION ROADWAYS ESPECIALLY IF CONSTRUCTION TIME SPANS THROUGH UNFAVORABLE WEATHER PERIOD.
9.	IT IS RECOMMENDED THAT A GEOTEXTILE BE PLACED ON THE SURFACE OF THE SUBGRADE PRIOR TO THE PLACEMENT OF ANY GRANULAR SUBBASE. THIS GRANULAR SUBBASE MUST BE ALLOWED FOR BY THE CONTRACTOR AND INSTALLED WHEN DIRECTED BY THE GEO-TECHNICAL ENGINEER.
10.	WEAKER SUBGRADE MAY DEVELOP AT SUBGRADE LEVEL OF SERVICE TRENCHES. IT IS RECOMMENDED TO PROVIDE ADDITIONAL GRANULAR SUBBASE, OPSS GRANULAR B TYPE II, AND GEOTEXTILE AT SUB-GRADE LEVEL TO THE SATISFACTION OF THE GEO-TECHNICAL ENGINEER. FOR PIPE BEDDING REQUIREMENTS REFER TO GEO-TECHNICAL REPORT.
11.	THE PROPOSED PARKING AREA AND ACCESS ROADS SHOULD BE STRIPPED OF ALL EXISTING FILL SURFACE AND BURIED TOPSOIL (ORGANIC) LAYERS, ORGANIC STAINED SOILS AND OTHER OBVIOUSLY UNSUITABLE MATERIAL. THE SUBGRADE SHOULD BE PROPERLY SHAPED, GROWNED, THEN PROOF ROLLED WITH A HEAVY VIBRATORY ROLLER IN THE FULL-TIME PRESENCE OF A REPRESENTATIVE OF THE GEO-TECHNICAL ENGINEER'S OFFICE. ANY SOFT OR SPOONY SUBGRADE AREAS DETECTED SHOULD BE SUB EXCAVATED AND PROPERLY REPLACED WITH SUITABLE APPROVED BACKFILL COMPACTED TO 95 PERCENT SPMD (ASTM D698-12E2).
12.	THE GRANULAR MATERIALS USED FOR PAVEMENT CONSTRUCTION SHOULD CONFORM TO ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS 1010) FOR GRANULAR A AND GRANULAR B TYPE II AND SHOULD BE COMPACTED TO 100 PERCENT OF THE SPMD.
13.	THE ASPHALTIC CONCRETE USED, AND ITS PLACEMENT SHOULD MEET OPSS 1150 OR 1151 REQUIREMENTS. IT SHOULD BE COMPACTED FROM 92 PERCENT TO 97 PERCENT OF THE MFD (ASTM D2041). ASPHALT PLACEMENT SHOULD BE IN ACCORDANCE WITH OPSS 310 AND OPSS 313.
14.	TO MINIMIZE SETTLEMENT OF THE PAVEMENT STRUCTURE OVER SERVICES TRENCHES, THE TRENCH BACKFILL MATERIAL WITHIN THE FROST ZONE, TO 1.8 M DEPTH BELOW FINAL GRADE, SHOULD MATCH THE EXISTING MATERIAL ALONG THE TRENCH WALLS TO MINIMIZE DIFFERENTIAL FROST HEAVING OF THE SUBGRADE SOIL. PROVIDED THIS MATERIAL IS COMPACTIBLE. OTHERWISE, FROST TAPERS MAY BE REQUIRED.
15.	THE MUNICIPAL SERVICES SHOULD BE INSTALLED IN SHORT OPEN TRENCH SECTIONS THAT ARE EXCAVATED AND BACKFILLED THE SAME DAY.
16.	TRENCH BACKFILL AND SUBGRADE FILL SHOULD CONSIST OF OPSS 1010 GRANULAR B TYPE II FOR THE PLAY STRUCTURE AND OPSS 1010 SELECT SUBGRADE MATERIAL (SSM) FOR THE SPORTS FIELD, PARKING LOT AND ACCESS ROADS. PLACED IN 300 MM THICK LIFTS AND EACH LIFT COMPACTED TO 95 PERCENT SPMD; AND FILL FOR LANDSCAPED AREAS SHOULD BE CLEAN FILL FREE OF DEBRIS, TOPSOIL, ORGANIC SOIL, COBBLES AND BOULDERS PLACED IN 300 MM THICK LIFTS AND EACH LIFT COMPACTED TO 92 PERCENT SPMD.



**APPROVED**  
By Lily Xu at 4:11 pm, Jun 15, 2023

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



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1150 Morrison Drive, Suite 410, Ottawa, ONT.  
Phone: (613) 628-7600 Fax: (613) 628-2900  
Jp2g No: 20-1095C



No.	Description	YYYY-MM-DD
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1	ISSUED FOR SITE PLAN CONTROL REV-1	2022-10-07

PROFESSIONAL ENGINEER  
SAMMOUR  
100227665  
April 25, 2023  
PROVINCE OF ONTARIO

Client  
**P R PYE & RICHARDS -**  
**T Y TEMPRANO & YOUNG**  
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Ottawa, ON K1Z 6E8 info@prty.ca

Project  
**OCSB Findlay Creek**  
**Elementary School**  
4140 Kelly Farm Drive, Ottawa, Ontario  
Drawing Title  
**Site Grading, Erosion and**  
**Sediment Control Plan**

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.

