Via email: bernam@ecolecatholique.ca

June 8th , 2019

Our File Ref.: 180550

Conseil des Écoles Catholiques du Centre-Est (C.E.C.C.E)
4000, rue Labelle
Ottawa Ontario
K1J 1A1

Attention: Melissa Bernard, Project Agent.

Subject: **SWM Design Brief- New 8 Car Parking Lot Construction**
Monfort Elementary School, 350 De Haag Drive, Ottawa, Ontario

Dear Ms. Bernard,

LRL associates Ltd. was retained by the Conseil des Écoles Catholiques du Centre-Est (C.E.C.C.E) to complete a Stormwater Management (SWM) design brief complete with other documents to fulfill the City of Ottawa Site Plan Control (SPC) requirements for the above-mentioned project. The proposed work in question involves the construction of a new eight (8) car parking lot and pedestrian sidewalk located at the S.E. corner of the existing school, adjacent to the existing school drop off loop.

SWM Quantity and Quality Review and Requirements:

During the design stage, the City of Ottawa and Rideau Valley Conservation Authority (RVCA) representatives were consultated and SWM quality and quantity requirements were discussed. The new parking lot and sidewalk construction corresponds to a new impervious surface of approximately 190m^2 where grass will be converted into asphalt/concrete surfaces. LRL, the City of Ottawa Representatives as well as the RVCA acknowledges that the increased runoff is negligible (C=0.528 in pre development conditions, and C=0.533 in post development conditions); therefore, eliminating the introduction of quantity control measures on site. Any surplus of stormwater runoff generated from the additional parking spaces will drain back into the paved bus loading area on site (as the grass did originally in pre development

conditions) and be collected via an existing catch basin (CB no.8) located at the west end of the drop off zone. Refer to Appendix E - Genivar Plan C.01, Site Servicing & Grading Plan for more details. When evaluating the post development to pre development runoff increase generated from these surfaces, the rational formula was used. Refer to the SWM calculations in Appendix A for more info.

Considering that half of the proposed 190m^2 of new impervious area will be comprised of concrete sidewalks, generating or conveying no surface pollutants or hydrocarbons, we assume that the new asphalt parking lot, (roughly 95m^2) will have no, or very little, negative impact in relation to the quality of the runoff. Keeping in mind that the site outlet to major waterways is more than 2 km away, and any low impact development treatment options are not plausible within the area of construction nor favorable with the proposed design, the RVCA gave us their consent for the proposed parking lot addition without having to do any SWM quality treatment. Refer to RVCA correspondence in Appendix B for more details.

Sediment and Erosion Control Measures:

Like any other development, either big or small, sediment and erosion control measures are mandatory and will be implemented before, during and after the construction of this project. For this project, a silt fence will be erected along the perimeter of the new parking lot and sidewalk area. Refer to the Erosion and Sediment Control Plan C101 in Appendix D for more details.

LRL believes that the above assessment and details outlines satisfies the City of Ottawa Stormwater Management brief requirements to obtain Site Plan Control. Please do not hesitate to contact the undersigned if you have any questions or comments.

Yours truly,
LRL Associates Ltd.
Prepared by

Philippe Paquette, C.E.T.

Approved by

Virginia Johnson, P. Eng.

Encl. Appendix A -SWM calculations.
Appendix B -RVCA email Correspondence.
Appendix C -Site Grading and Drainage Plan C301.
Appendix D -Erosion and Sediment Control Plan C101.
Appendix E -Genivar Plan C.01, Site Servicing & Grading Plan.

Appendix A
SWM calculations.

LRL Associates Ltd.

Storm Watershed Summary

LRL file No: 180550
Project: Montfort School
Location: 350 Prom. Den Haag, Ottawa
Date: June 5, 2019
Designed: P. Paquette

Pre-Development Catchments

WATERSHED	C = 0.20	C = 0.90	Total Area (ha)	Combined C
TOTAL	1.2234	1.076	2.2996	0.528

Post-Development Catchments

WATERSHED	C = 0.20	C = 0.90	Total Area (ha)	Combined C
TOTAL	1.205	1.095	2.2996	0.533

Runoff Increase Calculations

A= from grass to asphalt (Ha.)	0.019
I= 1/5 year event, Tc=15 min. (mm/hr)	85.60
C=Pre-Dev.Runoff Coefficient	0.20
C=Post-Dev.Runoff Coefficient	0.90

Qpeak (pre-dev) = 2.78 CIA

Q peak Pre-Dev (L/s)	0.90

Qpeak (post-dev) = 2.78 CIA

Q Post Pre-Dev (L/s)	4.07
Total flow increasse (L/s)	**3.16**

Appendix B
RVCA email Correspondence.

Philippe Paquette

From: Jamie Batchelor <jamie.batchelor@rvca.ca>
Sent: Tuesday, June 4, 2019 10:55 AM
To: Eric Lalande; Philippe Paquette
Subject: RE: New parking lot addition- Ecole Monfort, De Haag Street Ottawa Ont.

Good Morning Phillipe,

Based on the distance from the outlet and the small scope of the additional parking being provided, the constraints associated with the existing grades on site, the RVCA would accept the site serving as originally proposed.

Jamie Batchelor, MCIP, RPP
Planner, ext. 1191
Jamie.batchelor@rvca.ca

Rideau Valley Conservation Authority
3889 Rideau Valley Drive
PO Box 599, Manotick ON K4M 1A5
T 613-692-3571 | 1-800-267-3504 F 613-692-0831 | www.rvca.ca

From: Eric Lalande <eric.lalande@rvca.ca>
Sent: Friday, May 31, 2019 8:44 AM
To: 'Philippe Paquette' <ppaquette@lrl.ca>
Cc: Jamie Batchelor <jamie.batchelor@rvca.ca>
Subject: RE: New parking lot addition- Ecole Monfort, De Haag Street Ottawa Ont.

Hi Philippe,

We would be happy to discuss the matter as needed. If you can provide us with a site plan ahead of meeting, as we can likely provide comments over email/phone too.

Typically, we look for 80% TSS removal, being provided on-site or through downstream SWM facilities prior to out letting to a watercourse. The site appears to be approximately 2 km from it's outlet, whereby we may be able to recommend best management practices over our standard requirements.

I have added Jamie Batchelor to this email as he would be the primary contact for this area.

Merci,

Eric Lalande, MCIP, RPP
Planner, Rideau Valley Conservation Authority
613-692-3571 x1137

From: Philippe Paquette <ppaquette@lrl.ca>
Sent: Thursday, May 30, 2019 2:56 PM
To: Eric Lalande <eric.lalande@rvca.ca>
Cc: Mélissa Bernard <bernam@ecolecatholique.ca>; Maxime Longtin <mlongtin@lrl.ca>
Subject: New parking lot addition- Ecole Monfort, De Haag Street Ottawa Ont.

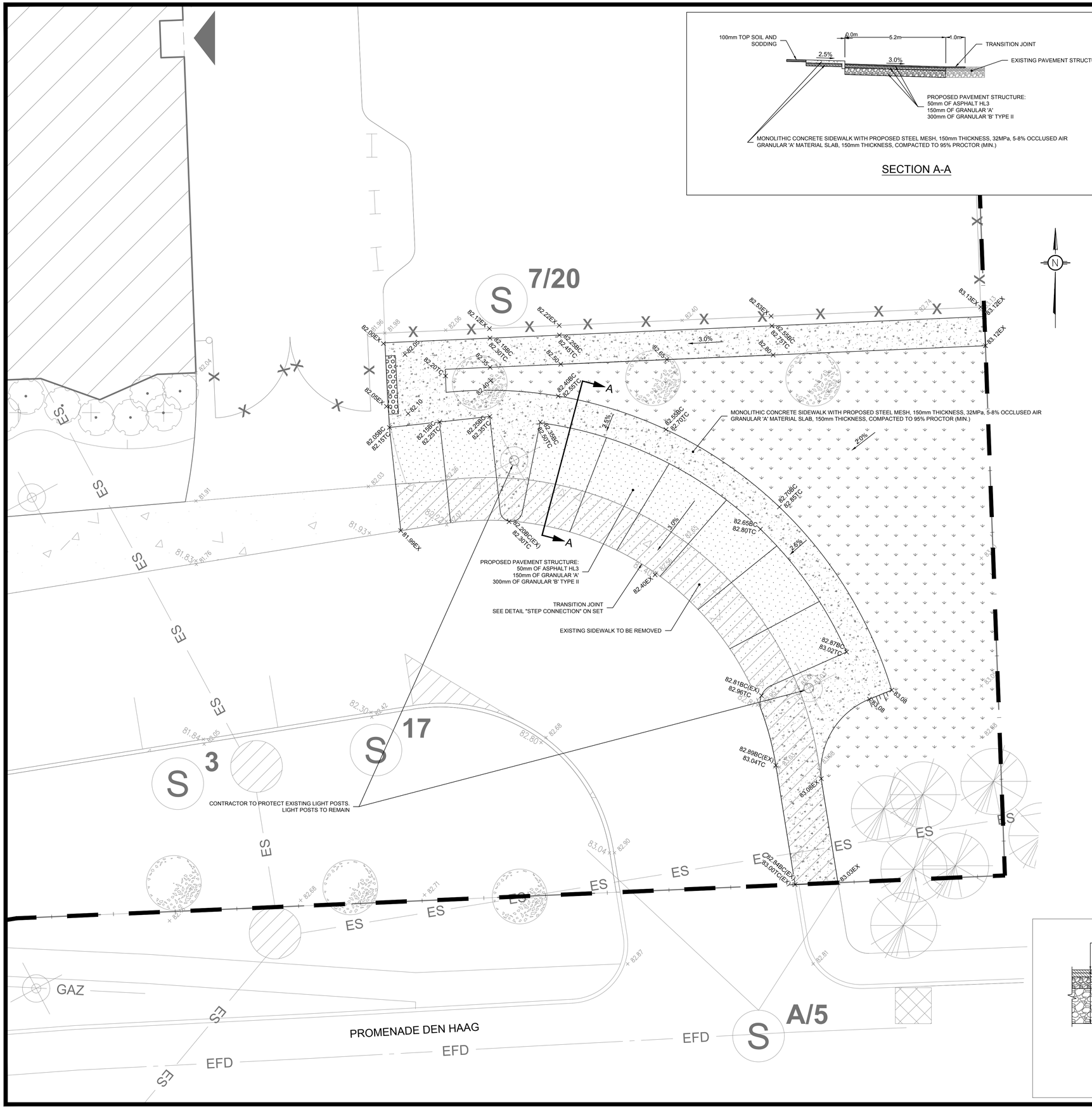
Hello Eric,
As mentioned in my voice mail I left you earlier, we are working on a new parking lot expansion (8 spots max) at the above mentioned school. The city of Ottawa is asking us to go Thru SPC and produce a SWM plan and brief. They advised me to contact you to get the RVCA quality control requirements for this project. Would it be possible to meet you 30 min. max at your office to go over the project and explain to you our approach and options?
Please call me or email me back asap.
Many thanks
Bonne journée

Philippe Paquette, CET.
Certified Engineering Technologist

LRL Associates Ltd.
5430 Canotek Road
Ottawa, Ontario K1J 9G2

T (613) 842-3434 or (877) 632-5664 ext 209
C (613) 880-9793
F (613) 842-4338
E ppaquette@lrl.ca
W www.lrl.ca
We care deeply, so let us know how we did by completing our Customer Satisfaction Survey.

Appendix C
Site Grading and Drainage Plan C301.



SECTION A-A

LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
- PROPOSED CURB
- PROPOSED TERRACING (3:1 MIN.)
- PROPOSED SILT FENCE AS PER OPSD 219.110
- PROPOSED GRASS AREA (100mm TOP SOIL & SOD)
- PROPOSED CONCRETE FEATURES/SLAB
- PROPOSED LIGHT DUTY ASPHALT
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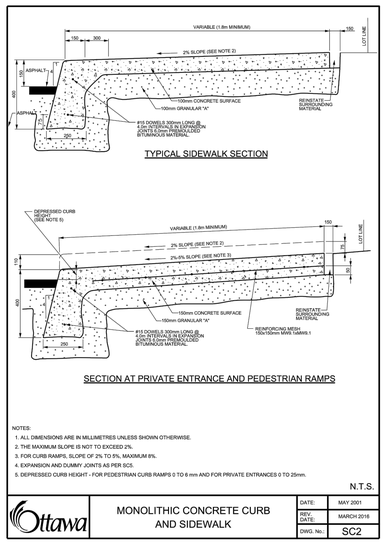
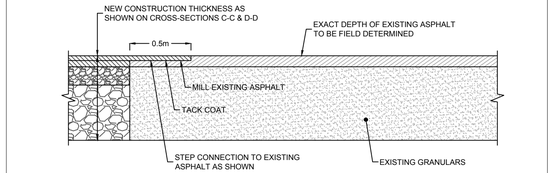
- ×50.00BC PROPOSED BOTTOM OF CURB ELEVATION
- ×50.00TC PROPOSED TOP OF CURB ELEVATION
- ×50.00EX MATCH INTO EXISTING ELEVATION
- ×70.19 EXISTING ELEVATION



NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
2. THE MAXIMUM SLOPE IS NOT TO EXCEED 2%.
3. FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8%.
4. EXPANSION AND DUMMY JOINTS AS PER SC5.
5. DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 25mm.

N.T.S.

Ottawa	MONOLITHIC CONCRETE CURB AND SIDEWALK	DATE: MAY 2001
		REV. DATE: MARCH 2016
		DWG. No.: SC2



TYPICAL KEY CONNECTION TO EXISTING ASPHALT
(N.T.S.)

USE AND INTERPRETATION OF DRAWINGS

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CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.

2m 0.5 0 2 4m

SCALE: 1:100

No.	REVISIONS	BY	DATE
03	ISSUED FOR APPROVAL	M.L.	08 JULY 2019
02	ISSUED FOR TENDER	G.C.	18 OCT 2018
01	ISSUED FOR COORDINATION	G.C.	02 OCT 2018

LICENSED PROFESSIONAL ENGINEER
V. JOHNSON
100510576
July 23, 2019
PROVINCE OF ONTARIO

NOT AUTHENTIC UNLESS SIGNED AND DATED

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road I Ottawa, ON, K1J 9G2
www.lrl.ca I (613) 842-3434

CLIENT
CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST (CECCE)

DESIGNED BY:	DRAWN BY:	APPROVED BY:
G.C.	M.L.	V.J.

PROJECT
MONTFORT SCHOOL
PARKING ADDITION
250 DEN HAAG DR, OTTAWA, ON

DRAWING TITLE
GRADING AND DRAINAGE PLAN

PROJECT NO.
170373

DATE
SEPTEMBER 2018

C301

Appendix D
Erosion and Sediment Control Plan C101.

EROSION AND SEDIMENT CONTROL MEASURES:

** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES **

1. PRIOR TO START OF CONSTRUCTION:

- PRIOR TO THE REMOVAL OF ANY VEGETATIVE COVER, MOVING OF SOIL AND CONSTRUCTION:
- INSTALL SILT FENCE IMMEDIATELY DOWNSTREAM FROM AREAS TO BE DISTURBED (SEE PLAN FOR LOCATION).
- INSTALL GEOSOCK INSERTS WITH AN OVERFLOW IN ALL THE DOWNSTREAM CATCHBASINS AND MANHOLES
- INSTALL SILTSACK FILTERS IN ALL CONCRETE CATCH BASINS STRUCTURES
- INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

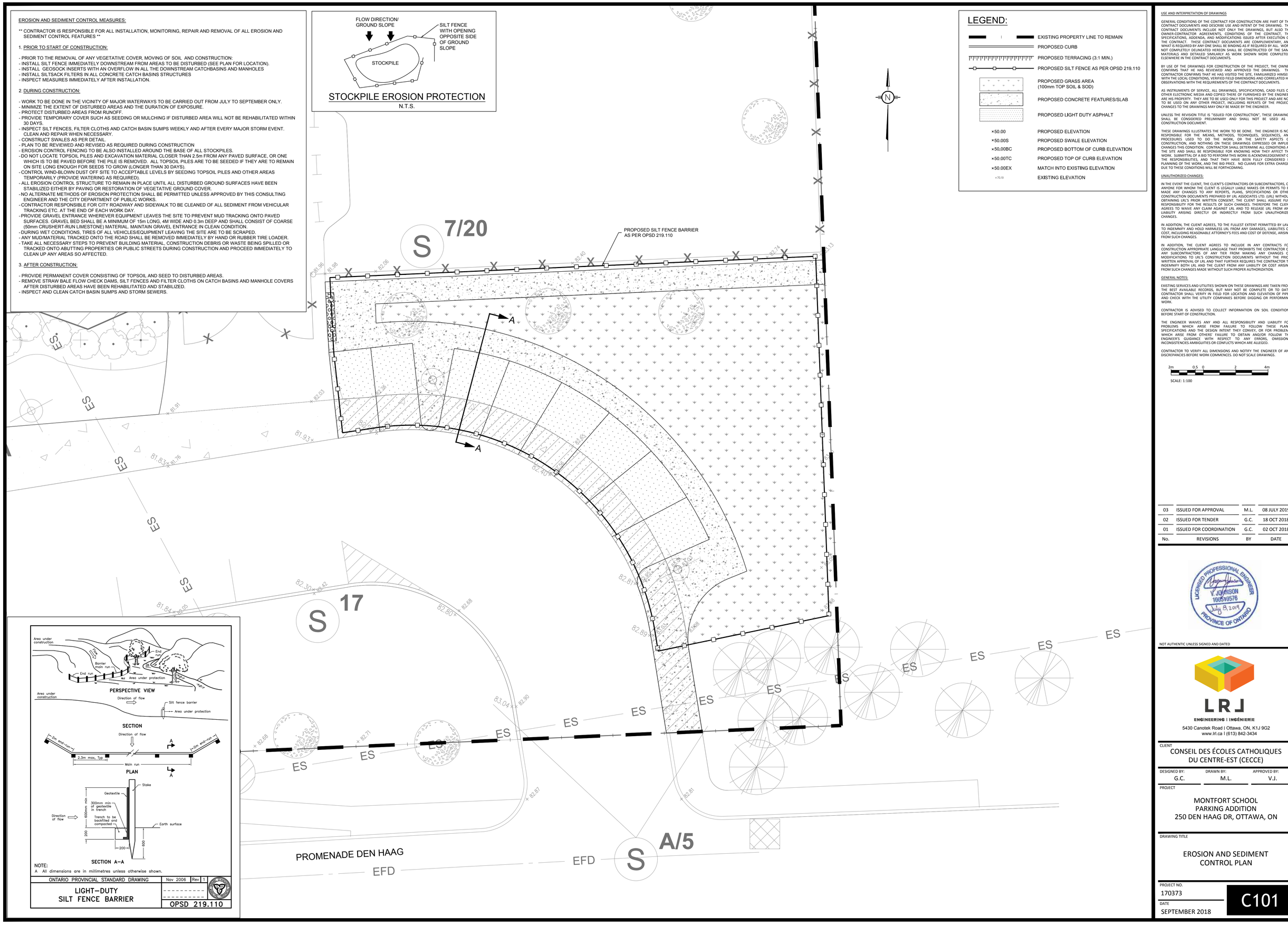
2. DURING CONSTRUCTION:

- WORK TO BE DONE IN THE VICINITY OF MAJOR WATERWAYS TO BE CARRIED OUT FROM JULY TO SEPTEMBER ONLY.
- MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE.
- PROTECT DISTURBED AREAS FROM RUNOFF.
- PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
- INSPECT SILT FENCES, FILTER CLOTHS AND CATCH BASIN SUMPS WEEKLY AND AFTER EVERY MAJOR STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.
- CONSTRUCT SWALES AS PER DETAIL.
- PLAN TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION
- EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
- DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).
- CONTROL WIND-BLOWN DUST OFF SITE TO ACCEPTABLE LEVELS BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED).
- ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
- NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THIS CONSULTING ENGINEER AND THE CITY DEPARTMENT OF PUBLIC WORKS.
- CONTRACTOR RESPONSIBLE FOR CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING ETC. AT THE END OF EACH WORK DAY.
- PROVIDE GRAVEL ENTRANCE WHEREVER EQUIPMENT LEAVES THE SITE TO PREVENT MUD TRACKING ONTO PAVED SURFACES. GRAVEL BED SHALL BE A MINIMUM OF 15m LONG, 4M WIDE AND 0.3m DEEP AND SHALL CONSIST OF COARSE (50mm CRUSHERT-RUN LIMESTONE) MATERIAL. MAINTAIN GRAVEL ENTRANCE IN CLEAN CONDITION.
- DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.
- ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
- TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ABUTTING PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.

3. AFTER CONSTRUCTION:

- PROVIDE PERMANENT COVER CONSISTING OF TOPSOIL AND SEED TO DISTURBED AREAS.
- REMOVE STRAW BALE FLOW CHECK DAMS, SILT FENCES AND FILTER CLOTHS ON CATCH BASINS AND MANHOLE COVERS AFTER DISTURBED AREAS HAVE BEEN REHABILITATED AND STABILIZED.
- INSPECT AND CLEAN CATCH BASIN SUMPS AND STORM SEWERS.

STOCKPILE EROSION PROTECTION
N.T.S.



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110

LEGEND:

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2m 0.5 0 2 4m
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LICENSED PROFESSIONAL ENGINEER
V. JOHNSON
100510576
July 8, 2019
PROVINCE OF ONTARIO

NOT AUTHENTIC UNLESS SIGNED AND DATED

LRL
ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

CLIENT
CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST (CECCE)

DESIGNED BY:	DRAWN BY:	APPROVED BY:
G.C.	M.L.	V.J.

PROJECT
MONTFORT SCHOOL
PARKING ADDITION
250 DEN HAAG DR, OTTAWA, ON

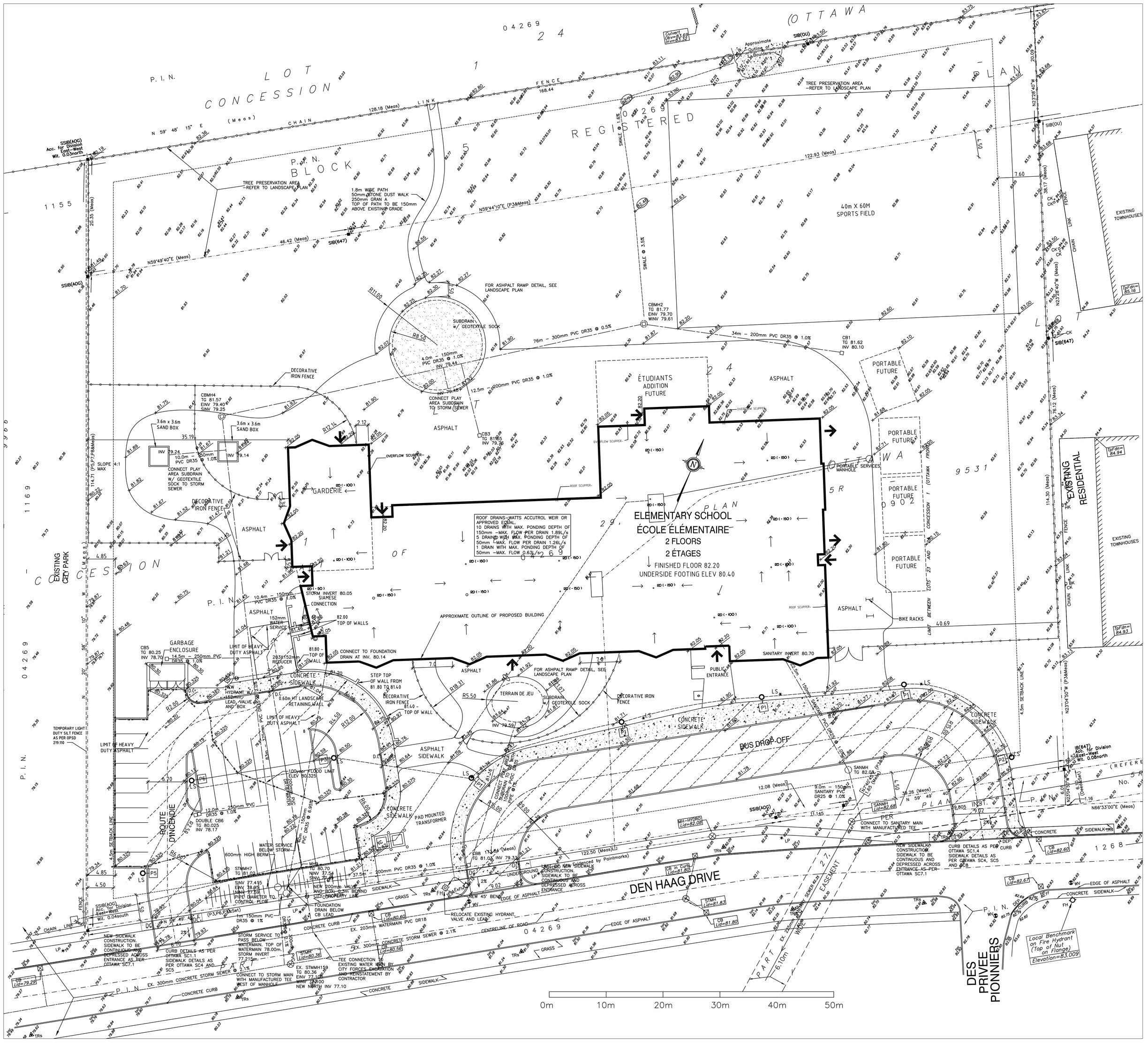
DRAWING TITLE
EROSION AND SEDIMENT CONTROL PLAN

PROJECT NO. 170373
DATE SEPTEMBER 2018

C101

Appendix E

Genivar plan C.01, Site Servicing & Grading Plan.


ELEMENTARY SCHOOL
ÉCOLE ÉLÉMENTAIRE
2 FLOORS
2 ÉTAGES
↓ FINISHED FLOOR 82.20
UNDERSIDE FOOTING ELEV 80.40
40m X 60M SPORTS FIELD
ÉTUDIANTS ADDITION FUTURE
PORTABLE FUTURE
EXISTING RESIDENTIAL
EXISTING TOWNHOUSES
EXISTING CITY PARK
DEN HAAG DRIVE
DES PRIVEE PIONNIERS
BUS DROP-OFF
PUBLIC ENTRANCE
GARBAGE ENCLOSURE
BIKE RACKS
APPROXIMATE OUTLINE OF PROPOSED BUILDING
TREE PRESERVATION AREA –REFER TO LANDSCAPE PLAN
1.8m WIDE PATH 50mm STONE DUST WALK 250mm GRAN A TOP OF PATH TO BE 150mm ABOVE EXISTING GRADE
FOR ASHPALT RAMP DETAIL, SEE LANDSCAPE PLAN
DECORATIVE IRON FENCE
SUBDRAIN w/ GEOTEXTILE SOCK
CONNECT PLAY AREA SUBDRAIN TO STORM SEWER
CONNECT PLAY AREA SUBDRAIN W/ GEOTEXTILE SOCK TO STORM SEWER
3.6m x 3.6m SAND BOX
ROOF DRAINS–WATTS ACCUTROL WEIR OR APPROVED EQUAL 10 DRAINS WITH MAX. PONDING DEPTH OF 150mm –MAX. FLOW PER DRAIN 1.89L/s 5 DRAINS WITH MAX. PONDING DEPTH OF 50mm –MAX. FLOW PER DRAIN 1.26L/s 1 DRAIN WITH MAX. PONDING DEPTH OF 50mm –MAX. FLOW 0.63L/s
ROOF SCUPPER
OVERFLOW SCUPPER
ROOF LEADER TO STORM SEWER
INDIVIDUAL SERVICES MANHOLE
STORM INVERT 80.05 SIAMESE CONNECTION
TOP OF WALLS
TOP OF WALL
STEP TOP OF WALL FROM 81.80 TO 81.40
CONNECT TO FOUNDATION DRAIN AT INV. 80.14
SANITARY INVERT 80.70
STORM SERVICE TO PASS BELOW WATERMAIN, TOP OF 78.00m WATERMAIN STORM INVERT 77.27pm
CONNECT TO STORM MAIN WITH MANUFACTURED TEE INV 77.10 NEW MANH INV 77.10
TEE CONNECTION TO EXISTING WATER MAIN BY CITY FORCES-EXCAVATION AND REINSTATEMENT BY CONTRACTOR
RELOCATE EXISTING HYDRANT, VALVE AND LEAD
NEW 45° BEND
NEW HYDRANT W/ 150mm LEAD, VALVE AND BOX
WATER SERVICE
FOUNDATION DRAIN BELOW
CB LEAD
NEW 200mm VALVE AND BOX–8.2m BEHIND CURB
NEW CONCRETE SIDEWALK
NEW SIDEWALK CONSTRUCTION, SIDEWALK TO BE CONTINUOUS AND DEPRESSED ACROSS ENTRANCE AS PER OTTAWA SC7.1
CURB DETAILS AS PER OTTAWA SC1.1 SIDEWALK DETAILS AS PER OTTAWA SC4 AND SC5
NEW SIDEWALK CONSTRUCTION, SIDEWALK TO BE CONTINUOUS AND DEPRESSED ACROSS ENTRANCE AS PER OTTAWA SC7.1
CURB DETAILS AS PER OTTAWA SC1.1 SIDEWALK DETAILS AS PER OTTAWA SC4, SC5 AND SC8
EXISTING SIDEWALK TO BE REMOVED AND REPLACED by Pointmarks
EXISTING CONCRETE SIDEWALK TO REMAIN
EXISTING CURB TO REMAIN
EXISTING CATCHBASIN TO REMAIN
EXISTING MANHOLE TO REMAIN
EXISTING CATCHBASIN TO BE REMOVED
EXISTING MANHOLE TO BE REMOVED
EXISTING CATCHBASIN TO BE ADJUSTED TO GRADE
EXISTING MANHOLE TO BE ADJUSTED TO GRADE
EXISTING CATCHBASIN TO BE REPLACED
EXISTING MANHOLE TO BE REPLACED
EXISTING CURB TO BE REMOVED
EXISTING SIDEWALK TO BE REMOVED
EXISTING CONCRETE SIDEWALK TO BE ADJUSTED TO GRADE
EXISTING CONCRETE SIDEWALK TO BE REPLACED
EXISTING CURB TO BE ADJUSTED TO GRADE
EXISTING CURB TO BE REPLACED
EXISTING ASPHALT TO BE REMOVED
EXISTING ASPHALT TO BE ADJUSTED TO GRADE
EXISTING ASPHALT TO BE REPLACED
EXISTING GRASS TO BE REMOVED
EXISTING GRASS TO BE ADJUSTED TO GRADE
EXISTING GRASS TO BE REPLACED
EXISTING TREE TO REMAIN
EXISTING TREE TO BE REMOVED
EXISTING TREE TO BE ADJUSTED TO GRADE
EXISTING TREE TO BE REPLACED
EXISTING HYDRO POLE TO REMAIN
EXISTING HYDRO POLE TO BE REMOVED
EXISTING HYDRO POLE TO BE ADJUSTED TO GRADE
EXISTING HYDRO POLE TO BE REPLACED
EXISTING GUY WIRE TO REMAIN
EXISTING GUY WIRE TO BE REMOVED
EXISTING GUY WIRE TO BE ADJUSTED TO GRADE
EXISTING GUY WIRE TO BE REPLACED
EXISTING FENCE TO REMAIN
EXISTING FENCE TO BE REMOVED
EXISTING FENCE TO BE ADJUSTED TO GRADE
EXISTING FENCE TO BE REPLACED
EXISTING CHAIN LINK TO REMAIN
EXISTING CHAIN LINK TO BE REMOVED
EXISTING CHAIN LINK TO BE ADJUSTED TO GRADE
EXISTING CHAIN LINK TO BE REPLACED
EXISTING SIGN TO REMAIN
EXISTING SIGN TO BE REMOVED
EXISTING SIGN TO BE ADJUSTED TO GRADE
EXISTING SIGN TO BE REPLACED
EXISTING BOLLARD TO REMAIN
EXISTING BOLLARD TO BE REMOVED
EXISTING BOLLARD TO BE ADJUSTED TO GRADE
EXISTING BOLLARD TO BE REPLACED
EXISTING LIGHT STANDARD TO REMAIN
EXISTING LIGHT STANDARD TO BE REMOVED
EXISTING LIGHT STANDARD TO BE ADJUSTED TO GRADE
EXISTING LIGHT STANDARD TO BE REPLACED
EXISTING HYDRANT TO REMAIN
EXISTING HYDRANT TO BE REMOVED
EXISTING HYDRANT TO BE ADJUSTED TO GRADE
EXISTING HYDRANT TO BE REPLACED
EXISTING WATER VALVE TO REMAIN
EXISTING WATER VALVE TO BE REMOVED
EXISTING WATER VALVE TO BE ADJUSTED TO GRADE
EXISTING WATER VALVE TO BE REPLACED
EXISTING WATER METER TO REMAIN
EXISTING WATER METER TO BE REMOVED
EXISTING WATER METER TO BE ADJUSTED TO GRADE
EXISTING WATER METER TO BE REPLACED
EXISTING WATER REMOTE TO REMAIN
EXISTING WATER REMOTE TO BE REMOVED
EXISTING WATER REMOTE TO BE ADJUSTED TO GRADE
EXISTING WATER REMOTE TO BE REPLACED
EXISTING GAS METER TO REMAIN
EXISTING GAS METER TO BE REMOVED
EXISTING GAS METER TO BE ADJUSTED TO GRADE
EXISTING GAS METER TO BE REPLACED
EXISTING MAILBOX TO REMAIN
EXISTING MAILBOX TO BE REMOVED
EXISTING MAILBOX TO BE ADJUSTED TO GRADE
EXISTING MAILBOX TO BE REPLACED
EXISTING PLANTER TO REMAIN
EXISTING PLANTER TO BE REMOVED
EXISTING PLANTER TO BE ADJUSTED TO GRADE
EXISTING PLANTER TO BE REPLACED
EXISTING BENCH TO REMAIN
EXISTING BENCH TO BE REMOVED
EXISTING BENCH TO BE ADJUSTED TO GRADE
EXISTING BENCH TO BE REPLACED
EXISTING GARBAGE CAN TO REMAIN
EXISTING GARBAGE CAN TO BE REMOVED
EXISTING GARBAGE CAN TO BE ADJUSTED TO GRADE
EXISTING GARBAGE CAN TO BE REPLACED
EXISTING BIKE RACK TO REMAIN
EXISTING BIKE RACK TO BE REMOVED
EXISTING BIKE RACK TO BE ADJUSTED TO GRADE
EXISTING BIKE RACK