GENERAL NOTES

- 1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION
- 2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) FAIRHALL MOFFAT & WOODLAND DRAWING 318 (a)-10 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
- 3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.
- 5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- 6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
- 7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIA SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY.
- 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95%STANDARD PROCTOR DENSITY.

- TO NOTIFY THE ENGINEER PROMPTLY.
 - GAS SERVICE ENBRIDGE,
 TELEPHONE SERVICE BELL CANADA,
 TELEVISION SERVICE ROGERS.

 - FOLLOWED DURING CONSTRUCTION
 - OTHERWISE SPECIFIED.

CONTROL MEASURE.

CONTROL MEASURE

DISPOSED OF AS PER OPSS 180

MAINTENANCE REPAIRS.

AND FOLLOWING A STORM EVENT

CONTROL

- 1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, TEMPORARY SEDIMENT CONTROL (GEOSOCK INSERTS WITH AN OVERFLOW UNDER GRATE OR COVER) TO BE IMPLEMENTED DURING CONSTRUCTION ON ALL PROPOSED ROAD CATCHBASINS. REARYARD CATCHBASINS AND CATCHBASIN MANHOLES AND OTHER SEDIMENT TRAPS. NO RECYCLED GEOSOCK MATERIAL SHALL BE PERMITTED FOR USE ON SITE. THE CONTRACTOR
- TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY

EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT

3. FOR SILT FENCE BARRIER, USE OPSD 219.110. GEOTEXTILE FOR

AT DESIGNATED LOCATIONS.

- SILT FENCE AS PER OPSS 1860, TABLE 3.
- FEASIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.
- TEMPORARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE.
 WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED. (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS
- THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY FROSION AND SEDIMENT CONTROL MEASURES SHALL BE
- EXISTING AT THE TIME THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE FOLLOWING: 5.1. FOR LIGHT-DUTY SEDIMENT BARRIERS, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE

ASPHALT GRADE PG58-34

HEAVY DUTY PAVEMENT

CROSS-SECTION (FIRE LANES)

- OR BETTER LINI ESS OTHERWISE SPECIFIED. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF
- ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS. 11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY.

9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION

- 12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
- 13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE CITY'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR
- 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS
- 15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY: • ELECTRICAL SERVICE - HYDRO ONE,
- 16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE
- 17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE
- 18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS

A DEPTH OF 300 MM IMMEDIATELY UPSTREAM OF THE

5.2. FOR ALL CONTROL MEASURES, ACCUMULATED SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM

THE REMOVAL OF THE CONTROL MEASURE

5.4. ACCUMULATED SEDIMENT IS TO BE REMOVED AND

ACCUMULATED SEDIMENT SHALL BE REMOVED PRIOR TO

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

WORKING ORDER. THE CONDITION OF THE CONTROL MEASURES

SHALL BE MONITORED PRIOR TO ANY FORECAST STORM EVENT

SHALL BE MONITORED TO ENSURE THEY ARE IN EFFECTIVE

7. DUST CONTROL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING. THE USE OF WATER, CALCIUM CHLORIDE FLAKES/SOLUTION OR MAGNESIUM CHLORIDE

FLAKES/SOLUTION SHALL BE USED AS DUST SUPPRESSANTS AS

MAY TRANSPORT SEDIMENTS OFFSITE. WHERE THEY MAY BE WASHED INTO THE RECEIVING WATER BY THE NEXT RAINSTORM.

8. ALL 'GREEN AREAS' TO BE TREATED WITH 150mm TOPSOIL AND

POTENTIAL RECEIVERS (E.G. STORM CATCHBASINS, MANHOLES),

SOD AS SOON AS FEASIBLE, AS PER OPSS 570.

9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL

10. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM

11. IF REQUIRED, DEWATERING/SETTLING BASINS SHALL BE

CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.

AND BE SURROUNDED BY EROSION CONTROL MEASURES

WHERE MATERIAL IS LEFT IN PLACE IN EXCESS OF 14 DAYS.

CONSTRUCTED AS PER OPSD 219.240 AND LOCATED ON FLAT

GRADE UPSTREAM OF OTHER EXISTING MITIGATION MEASURES.

WATERCOURSES SHALL NOT BE DIVERTED, OR BLOCKED, AND

CONSTRUCTED OR UTILIZED, UNLESS OTHERWISE SPECIFIED IN

PASSAGE IS NECESSARY. THE CONTRACTOR SHALL RELEASE ANY STRANDED FISH TO THE OPEN PORTION OF THE WATERCOURSE

TEMPORARY WATERCOURSES CROSSINGS SHALL NOT BE

THE CONTRACT. IF CLOSURE OF ANY PERMANENT WATER

PER OPSS 506. THIS IS TO LIMIT WIND EROSION OF SOILS WHICH

- 19. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION COMPLETED BY GEMTEC, DATED AUGUST 31, 2022

EROSION AND SEDIMENT LESSER OF THE FOLLOWING 5.1.1. A DEPTH OF ONE-HALF THE EFFECTIVE HEIGHT OF THE

- ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE
- 2. AT THE DISCRETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE INSTALLED
- 4. EXCEPT AS PROVIDED IN PARAGRAPHS 4.1., and 4.2. BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS
- IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION 4.1. WHERE THE INITIATION OF STABILIZATION MEASURES BY
- REMOVED IN A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE CONTROL MEASURE AND AVOIDS DAMAGE TO THE CONTROL MEASURE. SEDIMENT SHALL BE REMOVED TO THE LEVEL OF THE GRADE
- WITHOUT HARM. 12. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL

CONFORM TO OPSS 577

- 13. WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSS 518.
- 14. ALL SETTLING/FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) AND SHALL BE CLEANED AND REPLACED AS REQUIRED.

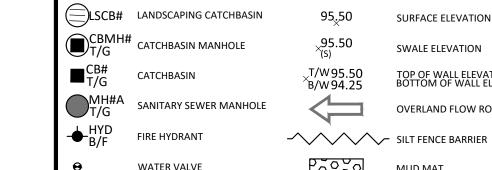
ASPHALT GRADE PG58-34

LIGHT DUTY PAVEMENT

CROSS-SECTION (PARKING)

40mm SUPERPAVE 12. 40mm SUPERPAVE 12.

GRAN "A"



CONCRETE BARRIER CURB

CONCRETE WALKWAY

PROPOSED ASPHALT

PROPOSED PAVERS

OCATION PLAN

LEGEND

MUD MAT WATER METER DEPRESSED CURB REMOTE WATER METER

LSUBJECT SITE

MICHAEL COWPLAND DRIVE/

ROOF DRAIN LOCATION PER DS STUDIO ROOF PLAN ROOF SCUPPER LOCATION PER DS STUDIO ROOF PLAN

LIMIT OF CONSTRUCTION

SURFACE ELEVATION

SWALE ELEVATION

TOP OF WALL ELEVATION BOTTOM OF WALL ELEVATION

OVERLAND FLOW ROUTE

- DRAINAGE SWALE

— · · · — · · · — DRAINAGE DITCH

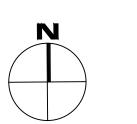
NOT FOR CONSTRUCTION

3	ISSUED FOR REVIEW	MAR. 14, 2023
2	ISSUED FOR REVIEW	FEB. 02, 2023
1	ISSUED FOR REVIEW	OCT. 07, 2022
No.	Revisions	Date

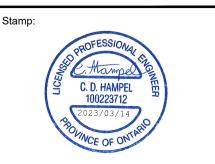
pefore proceeding with the work SCALE 1:250

McINTOSH PERRY

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Check and verify all dimensions



Do not scale drawings

DS STUDIO INC 95 PELHAM AVENUE TORONTO, ON M6N 1A5

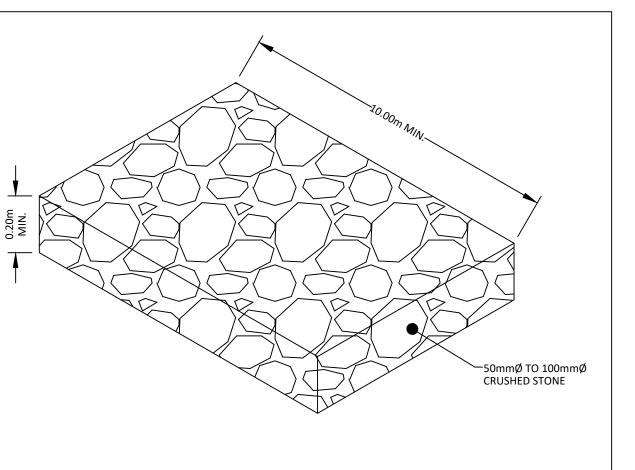
BUILDING ADDITION 100 TERENCE MATTHEWS CRESCENT

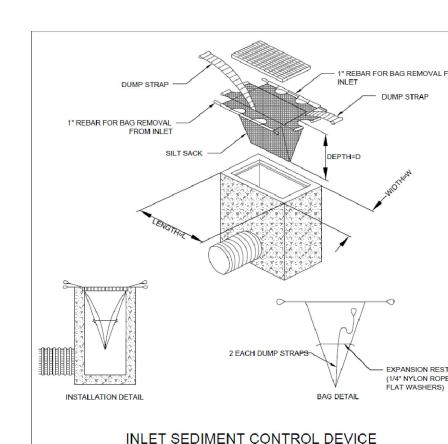
SITE GRADING, DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN

1:250 CCO-23-0422

MOLLY SMITH PLANNER II PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT **DEPARTMENT, CITY OF OTTAWA**

APPROVED By Molly Smith at 3:24 pm, Apr 21, 2023





INLET SEDIMENT CONTROL DEVICE

ASPHALT CROSS-SECTIONS TO CONFORM TO GEOTECHNICAL REPORT COMPLETED BY GEMTEC, DATED AUGUST 31, 2022. REINSTATEMENT WITHIN EXISTING FIRE LANES AS PER THE HEAVY DUTY PAVEMENT CROSS-SECTION.