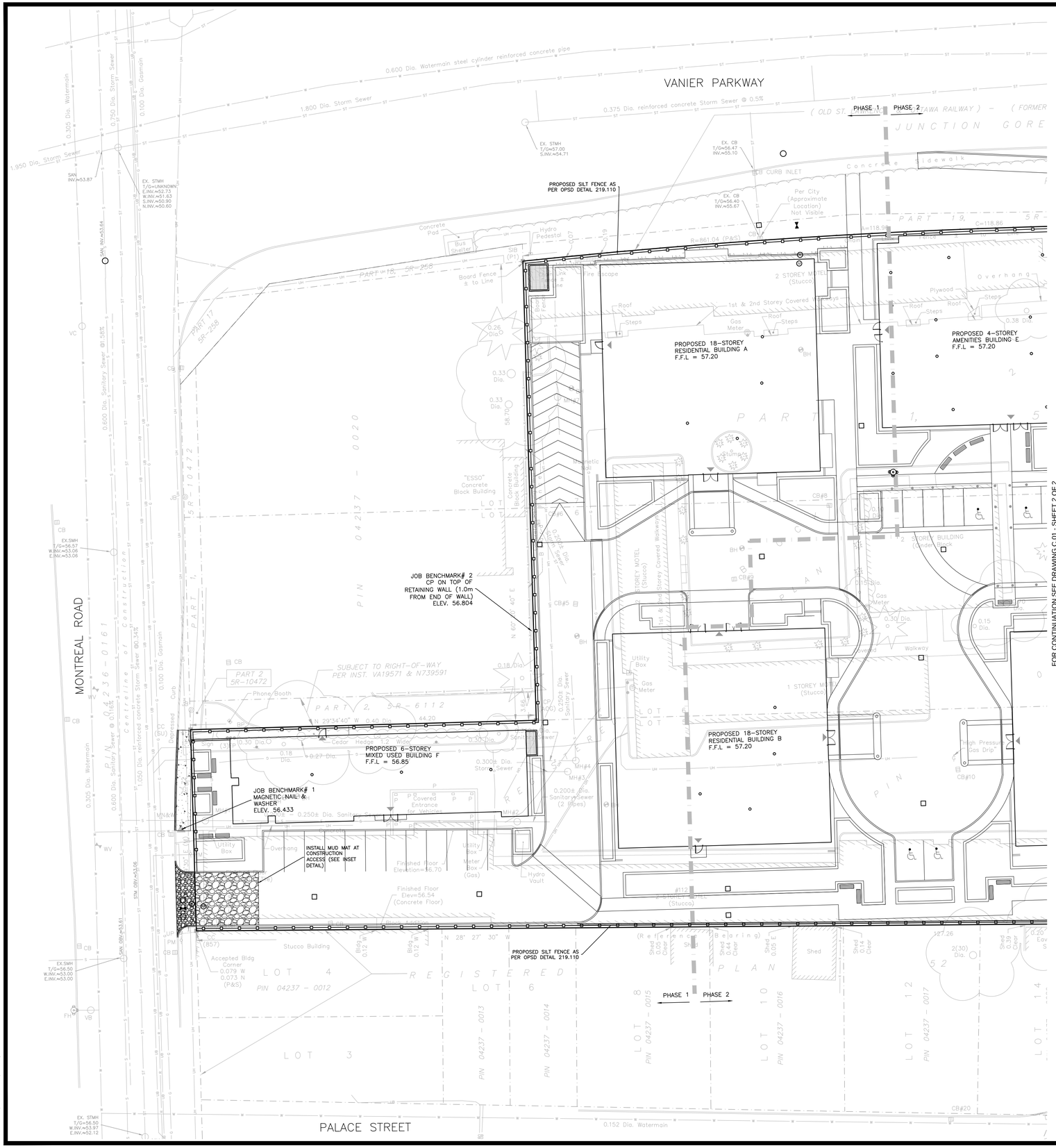

NOTES: EROSION AND SEDIMENT CONTROL

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

1. PRIOR TO START OF CONSTRUCTION:

1.1. INSTALL SILT FENCE ALONG THE PERIMETER OF THE PROPERTY LINE (SEE PLAN FOR LOCATION).

1.2. INSTALL STRAW BALE FLOW CHECK DAM AND SILT FENCES ALONG DITCHES IMMEDIATELY DOWNSTREAM OF AREAS TO BE DISTURBED.

1.3. INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE (SEE TYPICAL DETAIL).

1.4. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

2. DURING CONSTRUCTION:

2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.

2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.

2.3. PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CB'S AS REQUIRED.

2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.

2.5. INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.

2.6. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.

2.7. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES AS SHOWN.

2.8. 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).

2.9. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER).

2.10. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.

2.11. CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.

2.12. PROVIDE GRAVEL ENTRANCE (MUD MAT) WHEREVER EQUIPMENT LEAVES THE SITE TO PROVIDE MUD TRACKING ONTO PAVED SURFACES. IN THE EVENT ADDITIONAL EGRESS POINTS ARE REQUIRED THEY SHOULD BE CONSTRUCTED IN ACCORDANCE WITH THE MUD MAT DETAIL (SEE TYPICAL DETAIL).

2.13. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.

2.14. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.

2.15. 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.

2.16. 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.

LEGEND:

- PROPERTY LINE
- EXISTING WATERMAIN
- EXISTING FIRE HYDRANT
- EXISTING V&VB
- PROPOSED WATERMAIN
- PROPOSED FIRE HYDRANT
- PROPOSED V&VB
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- EXISTING SAN SEWER TO BE REMOVED
- EXISTING STORM SEWER TO BE REMOVED
- EXISTING WATERMAIN TO BE REMOVED
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- DD — PROPOSED DECK DRAINS OR CATCHBASINS
- PROPOSED REMOTE METER
- PROPOSED METER
- EXISTING CONCRETE CURB
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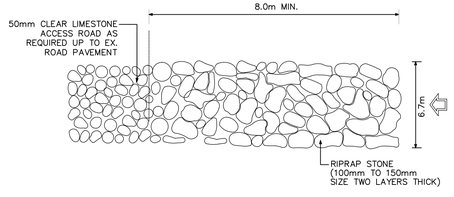
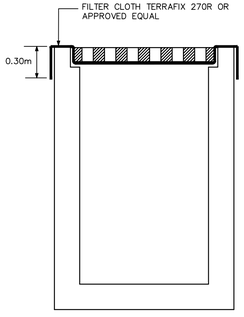
- × 99.99 — EXISTING GRADE
- x56.85 — PROPOSED GRADE
- x56.85(S) — PROPOSED SWALE GRADE
- x56.85TC — PROPOSED GRADE (TOP OF CURB)
- x56.85TW — PROPOSED GRADE (TOP OF WALL)
- T/RW =57.15 — PROPOSED GRADE (TOP OF RAMP WALL)
- T/PW =57.15 — PROPOSED GRADE (TOP OF PLANTER WALL)
- 2.0% — PROPOSED DIRECTION OF FLOW AND SLOPE
- PROPOSED BLOCK RETAINING WALL
- PROPOSED CENTERLINE OF SWALE
- PROPOSED FENCE (SEE LANDSCAPE PLAN)
- PROPOSED TERRACING
- PROPOSED SILT FENCE
- PROPOSED DOOR ENTRY/EXIT
- OVERLAND MAJOR FLOW ROUTE



MUD MAT DETAIL
(N.T.S)



FILTER CLOTH CATCHBASIN OR MANHOLE SEDIMENT CONTROL DEVICE
(N.T.S)

GENERAL NOTES:

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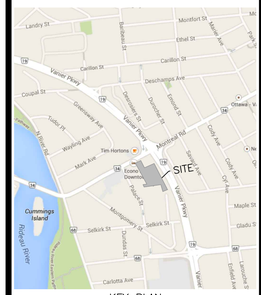


KEY PLAN
(N.T.S)

5m 0 5 10m

SCALE: 1:250

No.	REVISIONS	BY	DATE
01	ISSUED FOR SITE PLAN APPLICATION	I.J.	SEPT 29, 2014

LICENSED PROFESSIONAL ENGINEER
I. M. JAFFERJEE
100194153
Sept. 29, 2014
PROVINCE OF ONTARIO

NOT AUTHENTIC UNLESS SIGNED AND DATED

MMM GROUP
1145 Hunt Club Dr. Ottawa, ON Canada K1V 0Y3
t: 613.736.7200 f: 613.736.8710 www.mmm.ca

CLIENT
DCR PHOENIX DEVELOPMENTS

DESIGNED BY:	DRAWN BY:	APPROVED BY:
I.J.	I.J.	I.J.

PROJECT
MIXED USE DEVELOPMENT
112 MONTREAL ROAD
OTTAWA, ON

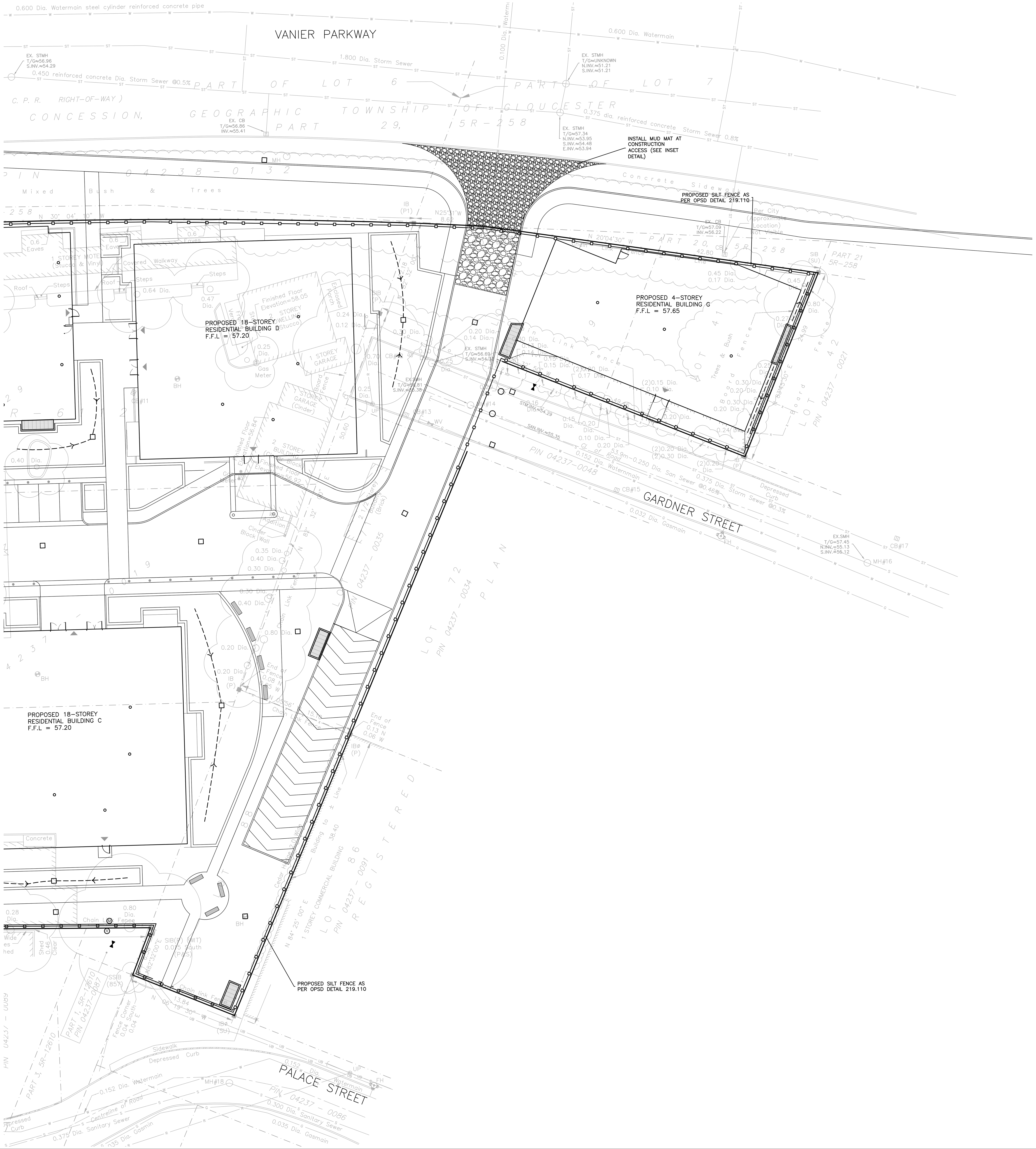
DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN
SHEET 1 OF 2

PROJECT NO.
1013081

DATE
AUGUST 2014

C.01

FILENAME: V:\01-60 Municipal Infrastructure\1013081-112 Montreal Road\3. Drawings\Working Drawings\1013081 - Engineering plans.dwg
PLOTDATE: Sep 29, 2014 - 1:32pm, JJefferjee



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PLOTDATE: Sep 26, 2014 - 1:31pm, Jafferjeel

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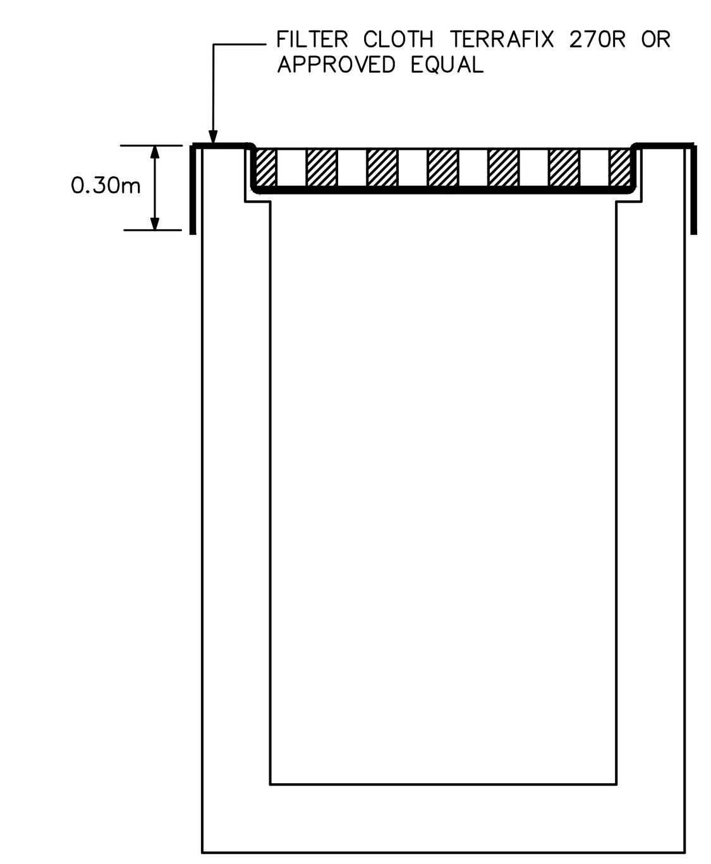

FILTER CLOTH CATCHBASIN OR MANHOLE SEDIMENT CONTROL DEVICE
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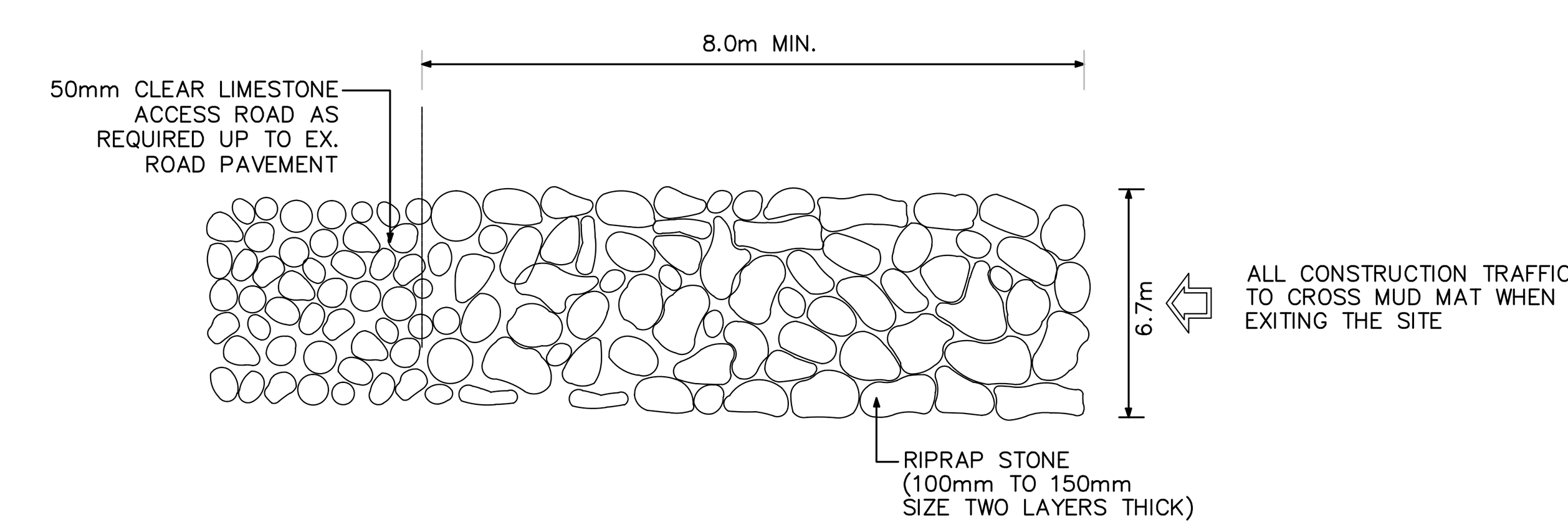

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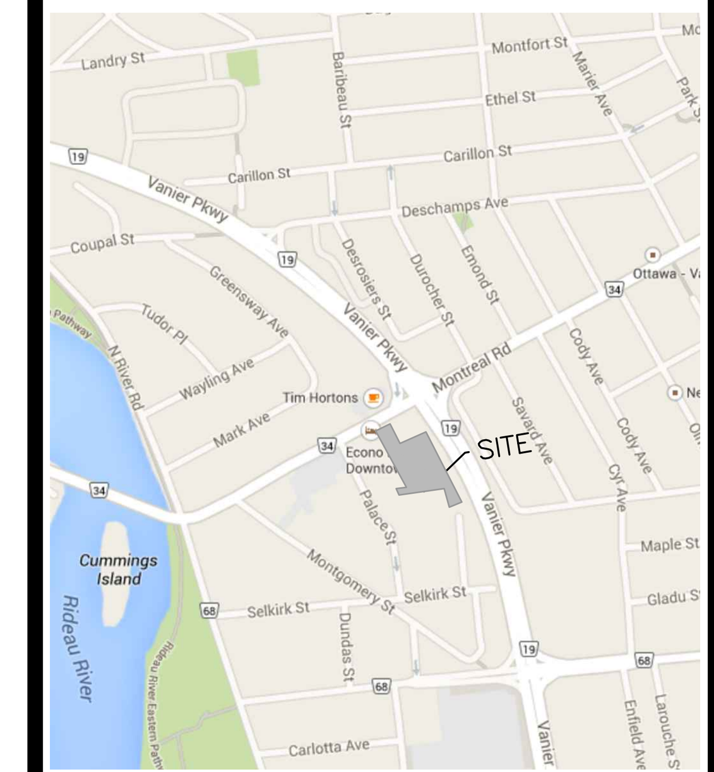

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(N.T.S)

5m 0 5 10m
SCALE: 1:250

No.	REVISIONS	BY	DATE
01	ISSUED FOR SITE PLAN APPLICATION	I.J.	SEPT 29, 2014

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PROJECT NO. 1013081
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