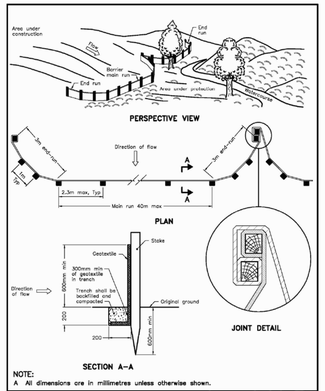
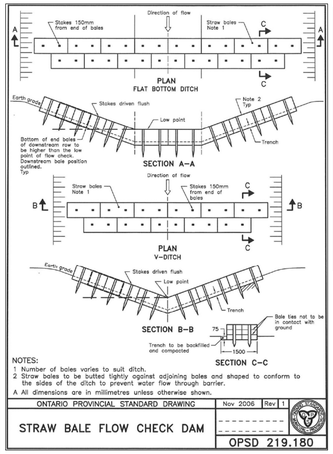


NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2015	Rev 2
LIGHT-DUTY SILT FENCE BARRIER		OPSD 219.110

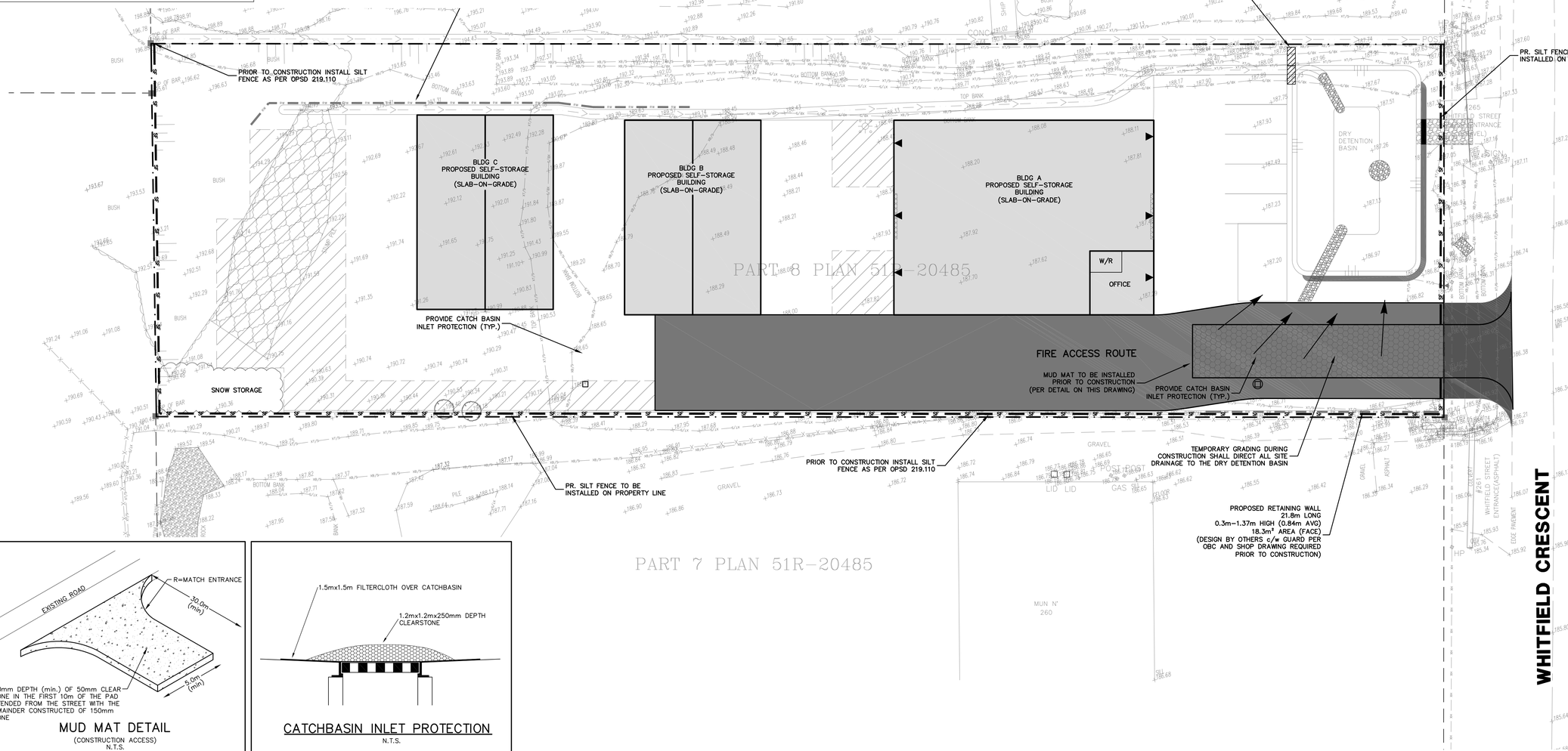


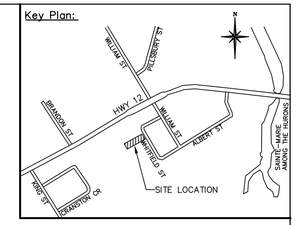
NOTES:
1 Number of bales varies to suit ditch.
2 Straw bales to be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
STRAW BALE FLOW CHECK DAM		OPSD 219.180

GENERAL NOTES:

1. EROSION CONTROL WORKS TO BE INSPECTED REGULARLY AFTER EVERY RAINFALL AND REPAIRED/REPLACED AS REQUIRED BY THE ENGINEER.
2. ALL DISTURBED AREAS TO BE RESTORED USING TOPSOIL AND SEED IMMEDIATELY UPON ESTABLISHING FINAL ELEVATIONS.
3. ALL AREAS WHICH REMAIN UNDISTURBED FOR MORE THAN 30 DAYS SHALL BE STABILIZED.
4. EROSION CONTROL WORKS TO BE MAINTAINED UNTIL THE SITE HAS STABILIZED AND REMOVAL IS DIRECTED BY THE ENGINEER.
5. SILT FENCE TO BE MAINTAINED ON THE DOWNSTREAM SIDE OF ALL STOCK PILES.
6. SILT FENCE IS TO BE CONSTRUCTED/INSTALLED AROUND PERIMETER OF THE SITE AT THE START OF CONSTRUCTION.
7. THE DEVELOPER AND DEVELOPER'S ENGINEER ARE RESPONSIBLE FOR COMPLETING ROUTINE INSPECTIONS OF THE SEDIMENT AND EROSION CONTROL STRUCTURES DURING THE CONSTRUCTION PHASE.
8. THE CONTRACTOR SHALL PROVIDE A MUD MAT AS PER THE DETAIL ON THIS DRAWING FOR EACH CONSTRUCTION ENTRANCE. THE TENDERED PRICE SHALL INCLUDE THE COST FOR ALL MUD MATS UTILIZED DURING CONSTRUCTION.
9. ALL MUD MATS SHALL BE MAINTAINED DURING THE CONSTRUCTION PERIOD AND REPLACED AS DIRECTED BY THE ENGINEER.





Legend:

EXISTING FEATURES (EX)

- EX SIB / EX IB — EX STD IRON BAR / EX IRON BAR
- EX UP — EX UTILITY POLE
- EX BELL PED
- EX HYDRO TRANSFORMER
- EX WS — EX WATER SERVICE
- EX HYD — EX FIRE HYD.
- NS — EX ST NAME SIGN
- SS — EX STOP SIGN
- X123.45 — EX ELEVATION
- EX FENCE
- EX U/G GASMAIN
- EX U/G BELL
- EX WM — EX WATERMAIN & VALVE
- EX SAN @ 0.0% — EX SAN SEWER & MH
- EX STM @ 0.0% — EX STM SEWER & MH

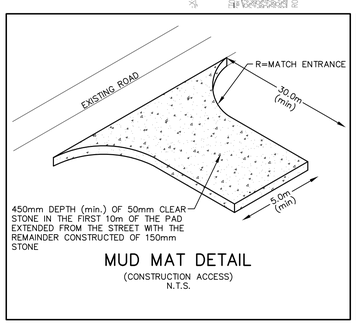
PROPOSED FEATURES (PR)

- NS — PR STREET NAME SIGN
- SS — PR STOP SIGN
- PR SILT FENCE
- L — PR STREET LIGHT
- W — PR WATER SERVICE
- S — PR SAN SERVICE
- M — PR STM SERVICE
- PR HYDRO TRANSFORMER
- 00mmø W/M — PR WATERMAIN
- PR FIRE HYDRANT
- PR WATER VALVE
- 0m-00mmø SAN @ 0.0% — PR SAN SEWER
- MH K — PR SANITARY MANHOLE
- 0m-00mmø STM @ 0.0% — PR STM SEWER
- CBMH 4 — PR CATCHBASIN MANHOLE
- MH 4 — PR MANHOLE
- CB 4 — PR CATCHBASIN
- 000.00 — PROPOSED ELEVATION
- (000.00) — PR. MATCH EXISTING ELEVATION (INTERPOLATED)
- PR JUNIPERUS COMMUNIS (GROUND JUNIPER) POTTED
- PR MISANTHUS SINENSIS (STRIPED GRASS) POTTED
- PR BUILDING ENTRANCE
- SLOPE DIRECTION
- PR SWALE
- PR SILT FENCE
- PR STRAW BALE
- PR MUDMAT
- F.F.E — FINISH FLOOR ELEVATION
- PR FIRE ACCESS ROUTE (HEAVY DUTY)
- PR ASPHALT ENTRANCE
- PR LIGHT DUTY PAVEMENT
- PR 50mm GRANULAR A

GENERAL NOTES:

1. PROPERTY LINE INFORMATION IS TAKEN FROM SURVEY PLAN 51R-20485 DATED FEB. 7, 1990 PREPARED BY HERB MELLISH, O.L.S.
2. TOPOGRAPHIC SURVEY INFORMATION IS TAKEN FROM DEMTECH SERVICES INC. DATED MARCH 2019.
3. TEST PIT INFORMATION TAKEN FROM GEOTECHNICAL INVESTIGATION REPORT PREPARED BY CAMBIUM INC., DATED APRIL 2019.
4. FOR DETAILS ON EXTERIOR LIGHTING REFER TO THE "LIGHTING CALCULATIONS STUDY" PREPARED BY IDEAL SUPPLY, DATED APRIL 16, 2019,

CAUTION
CONTRACTOR TO DETERMINE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.



MUD MAT DETAIL
(CONSTRUCTION ACCESS)
N.T.S.

CATCHBASIN INLET PROTECTION
N.T.S.

Notes:

1. Unless noted otherwise, the measurements and distances shown on this drawing are shown in meters.
2. Do not scale drawings.
3. It is the contractor's responsibility to verify all dimensions, levels and datums on site and report any discrepancies or omissions to WMI & Associates Ltd. prior to construction.
4. This drawing is to be read and understood in conjunction with all other relevant documents applicable to this project.
5. This drawing is the exclusive property of WMI & Associates Ltd. and the reproduction of any part of this document without prior written consent is strictly prohibited.

Benchmark: 202.945m

TOP NUT OF EXISTING FIRE HYDRANT LOCATED ON THE NORTH SIDE OF HIGHWAY No.12, APPROXIMATELY 200m WEST OF THE INTERSECTION OF WILLIAM STREET AND HIGHWAY No.12.

REGISTERED PROFESSIONAL ENGINEER
S. R. MORASH
Oct 09, 2019
PROVINCE OF ONTARIO

No.	Issue / Revision	Date
1	INTERNAL REVIEW	JUNE 21, 2019
2	FIRST SUBMISSION	JULY 8, 2019
3	SECOND SUBMISSION	AUG. 16, 2019
4	THIRD SUBMISSION	OCT. 9, 2019

265 WHITFIELD CRESCENT

EROSION & SEDIMENT CONTROL PLAN

Client:
Jason Redman
[redacted]

WMI & Associates Limited
119 Collier Street
Barrie, Ontario
L4M 1H5
Ph 705-797-2027
www.wmiengineering.ca

Drawn By	AW	Checked By	DW	Drawing No.
Scale	1:200	Project No.	19-543	ESC