## EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.

## DURING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION

SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

- 1. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
- 2. RE-VEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE. 3. MINIMIZING THE AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
- 4. A SILT FENCE BARRIER (OPSD 219.110) TO BE INSTALLED AS SHOWN ON THIS DRAWING.
- 5. A VISUAL INSPECTION SHALL BE COMPLETED DAILY ON SEDIMENT CONTROL BARRIERS AND ANY DAMAGE REPAIRED IMMEDIATELY. CARE WILL BE TAKEN TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.
- 6. IN SOME CASES SOME BARRIERS MAY BE REMOVED TEMPORARILY TO ACCOMMODATE THE CONSTRUCTION OPERATIONS. THE AFFECTED BARRIERS WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED.
- 7. THE SEDIMENT CONTROL DEVICES WILL BE CLEANED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
- 8. DURING THE COURSE OF CONSTRUCTION IF THE ENGINEER BELIEVES THAT ADDITIONAL PREVENTION METHODS ARE REQUIRED TO CONTROL EROSION AND SEDIMENTATION. THE CONTRACTOR WILL INSTALL ADDITIONAL SILT FENCES OR OTHER METHODS AS REQUIRED TO THE SATISFACTION OF THE
- 9. CONSTRUCTION AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPECIFICATION (OPSS) OPSS 805, AND CITY OF OTTAWA SPECIFICATIONS.
- 10. MUD MATT TO BE LOCATED AT THE CONSTRUCTION ENTRANCE, AS INDICATED ON THE PLAN, AND SHALL BE INSTALLED AS PER THE MUD MATT DETAIL TO PREVENT MUD TRACKING ON TO MUNICIPAL ROADS. THE ENTRANCE SHALL BE MAINTAINED IN CLEAN CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

CB105 ---

77.50TC

77.40BC 77.35BC

7.35BC

77.40BC

CB102 ----

T/G=77.05

E.INV=74.63

CB104 — T/G = 77.05

CB103 -

É.INV=74.84

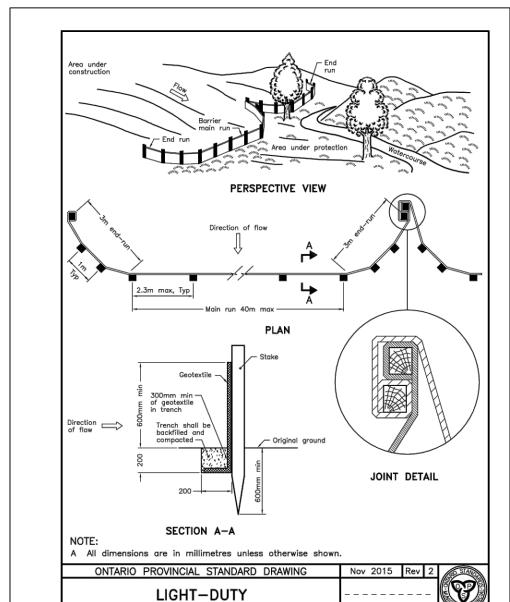
F.INV = 74.95

T/G=77.10

SE.INV=75.02

V V V GRASS

- 11. EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED ON-SITE AT THE DISCRETION OF THE CITY OF OTTAWA INSPECTOR OR THE MISSISSIPPI VALLEY CONSERVATION AUTHORITY. CONTRACTOR IS RESPONSIBLE TO INSTALL MODIFICATIONS AS REQUIRED TO THE SATISFACTION OF THE APPROPRIATE AUTHORITIES.
- 12. IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL, GEOSYNTHETIC SYSTEMS SILTSACK OR APPROVED EQUIVALENT IS TO BE PLACED INSIDE ALL STORM MANHOLE CATCHBASINS AND CATCHBASINS. INSTALLATION, INSPECTION AND CLEANOUT ARE AS PER MANUFACTURER'S RECOMMENDATIONS.



SILT FENCE BARRIER

CB106

V 0 V V V V V V V

T/G = 77.10

SW INV=75 04

- STMMH204→

T/G=77.35

S.INV=74.44

NF.INV=74.84

NW INV=74 84

★6 14.6m-200mmø STM @1.0%

CBMH202 -

T/G=77.05

E.INV=73.17 >

HYDROVEX TYPE ICD

MODEL 125 VHV-2

W.INV.=74.03 で

PHASE

CONSTRUCTION

COMPLETED

15.3m-200mmø STM @1.0%

5.6m-200mmø STM @1.0%

STMMH203

E.INV=74.15

W.INV = 74.55

N.INV = 74.21

OPSD 219.110

77.80TC

77.50TC 77.35BC SILT FENCE NOTES:

CENTRE.

- 1. POSTS TO BE SPACED AT 2.3 METRES CENTRE TO
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY A MINIMUM OF
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT
- 4. WOOD POSTS TO BE HARDWOOD TYPE (50mm x 50mm).
- 5. GEOTEXTILE TO BE EMBEDED 200 mm INTO GROUND.
- 6. GEOTEXTILE TO CONFORM TO OPSS 805 STANDARDS.
- 7. SILT FENCE MUST BE INSTALLED BEFORE COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH DETAIL. SILT FENCE CAN BE REMOVED AFTER LANDSCAPING IS

14m-250mmø STM-PH 2 STUB @0.5% FOR ROLE

78.58 3 INV.=73.40

1 = 78.58

OP OF BASEMENT

SLAB=75.59

15m–150mmø STM PHASE 2

STUB @1.0% FOR FOUNDATION

DRAINS. BACKWATER VALVE TO BE INSTALLED ON FOUNDATION

DRAIN AS PER CITY STD DWGStd4

2.7m-200mmø

CBMH201 -

T/G=76.73

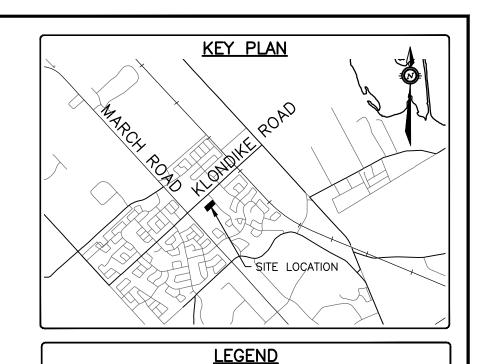
N.INV=72.99

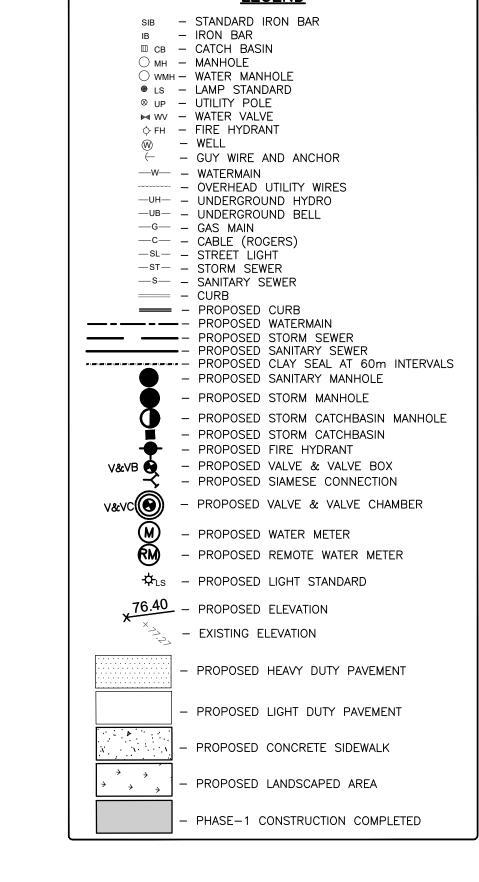
HYDROVEX TYPE ICD

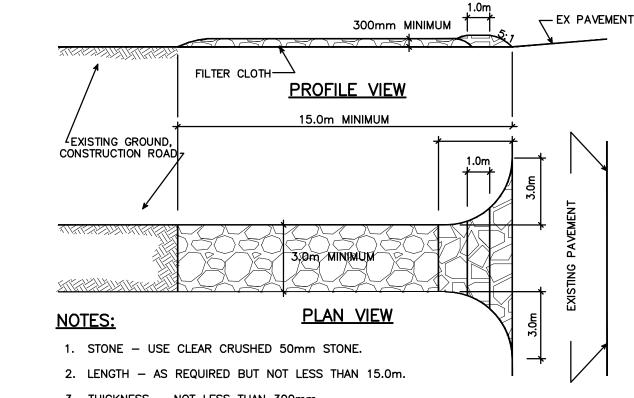
MODEL 100 VHV-1

STM @1.0%

8. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.







3. THICKNESS - NOT LESS THAN 300mm.

EX STMMH

|NW|/NV = 71.52

SE /NV=71.47

EX STMMH

GX G EX SANMH

SW /NV=73.51 SE //V=73.42

NW INV=72.43

SW /NV=72.48

JOB BENCHMARK #2

Magnetic Nail in Utility

Pole Elevation=76.075

FIN. ELEV

AHP)

 $INV.=\pm72.57$ 

PROPOSED 2-STOREY MOSQUE

AND COMMUNITY CENTER
FF ELEVATION=77.50

BASEMENT ELEVATON=74.20

- 4. WIDTH 3.0m MINIMUM, NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. 6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT
- TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED

7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN. MUD MAT DETAIL

E POSITION OF ALL POLE LINES. CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE OSITION OF SUCH UTILITIES AND TRUCTURES IS NOT GUARANTEED. BEFORE TARTING WORK, DETERMINE THE EXACT OCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR

AMAGE TO THEM.

PRELIMINARY NOT FOR CONSTRUCTION

					6	PROPERTY LINE	24/05/19	ΑE	AA	SCALE	DESIG
					5	REVISED AS PER CITY COMMENTS	16/04/19	ΑE	AA	0 2m 4m 10m	
					4	REVISED AS PER CITY COMMENTS	19/02/19	ΑE	AA	HORIZONTAL 1:250	
					3	REVISED AS PER CITY COMMENTS	02/11/18	ΑE	AA	NORTH	
					2	ISSUED FOR SITE PLAN APPROVAL	29/06/18	ΑE	AA		
7	REVISED AS PER REVISED PHASE 2 SITE PLAN	10/02/22	AJ	AA	1	ISSUED FOR SITE PLAN APPROVAL	13/09/17	ML	AA	<b>©</b>	
NO.	REVISION DESCRIPTION	DATE	BY	APPD	NO.	REVISION DESCRIPTION	DATE	BY	APPD		

KANATA MUSLIM ASSOCIATION Γ-00238504-Α KMA MOSQUE AND COMMUNITY CENTRE 832 MARCH ROAD, OTTAWA, ON. 351 SANDHILL ROAD, OTTAWA, ON F M & W K2W 0C9 613.973.5000 2016-12-09 exp Services Inc. t: +1.613.688.1899 | f: +1.613.225.7330 **\***ехр. **EROSION & SEDIMENT CONTROL PLAN** 2650 Queensview Drive, Unit 100 Ottawa, ON K2B 8H6 ESCP-2 AA PHASE 2 • BUILDINGS • EARTH & ENVIRONMENT • ENERGY •