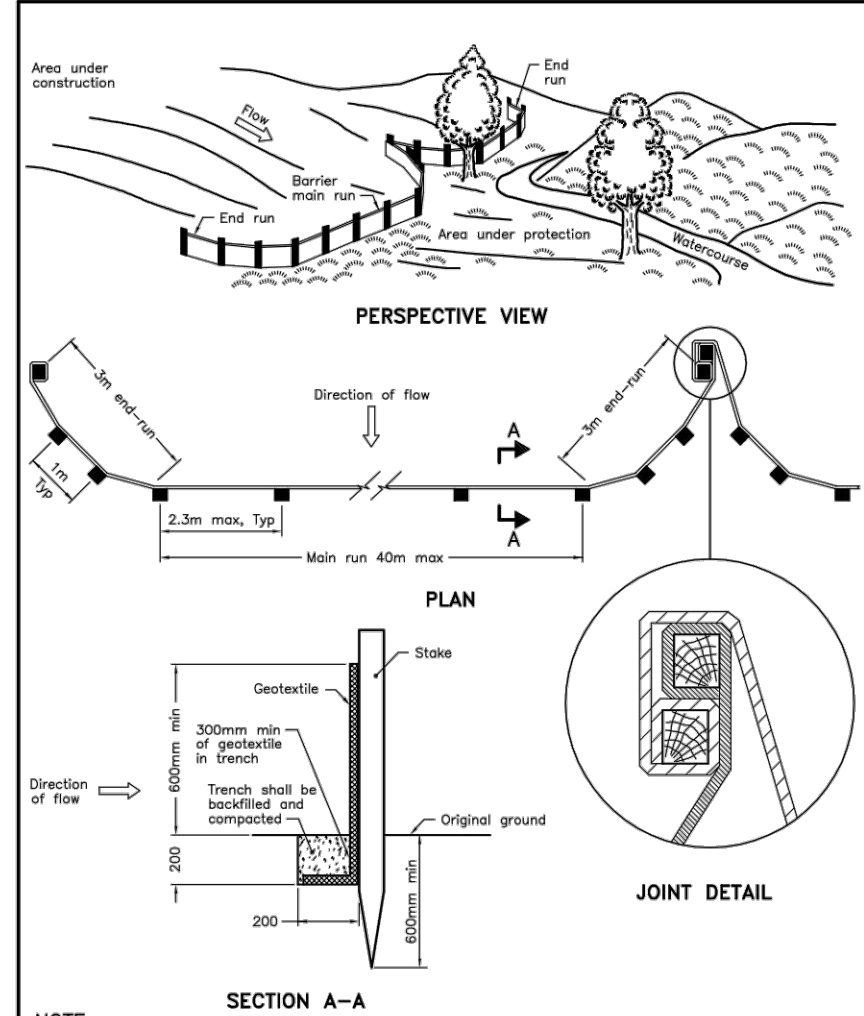



URING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

3. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
4. RE-VEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
5. MINIMIZING THE AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
6. A SILT FENCE BARRIER (OPSD 219.110) TO BE INSTALLED AS SHOWN ON THIS DRAWING.
7. 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.
8. 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.
9. THE SEDIMENT CONTROL DEVICES WILL BE CLEARED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
10. 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 BARRIERS OR OTHER METHODS AS REQUIRED TO THE SATISFACTION OF THE ENGINEER.
11. CONSTRUCTION AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPECIFICATION (OPSS) OPSS 805, AND CITY OF OTTAWA SPECIFICATIONS.
12. MUD MAT SHALL BE LOCATED AT THE CONSTRUCTION ENTRANCE, AS INDICATED ON THE PLAN, AND SHALL BE INSTALLED AS PER THE MUD MAT DETAIL TO PREVENT MUD TRACKING ON CLEAR DRIVEWAYS AND ROADS. THE ENTRANCE SHALL BE MAINTAINED IN CLEAN CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

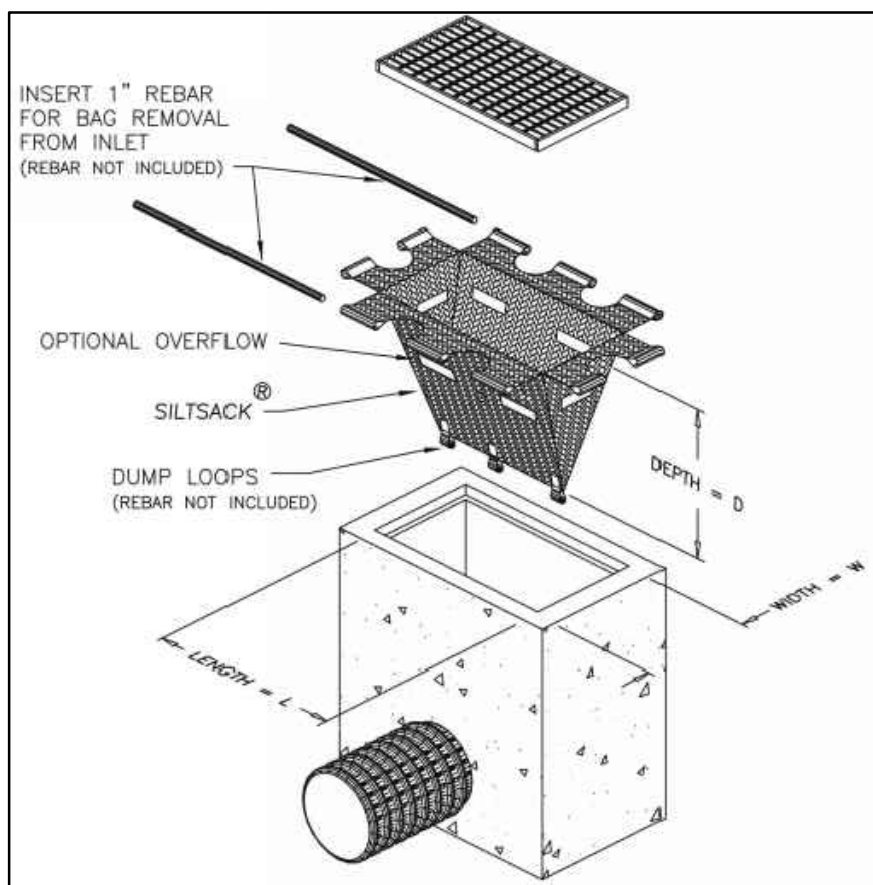
11. EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED ON-SITE AT THE DISCRETION OF THE CITY OF OTTAWA INSPECTOR OR THE MISSISSIPPI VALLEY CONSERVATION AUTHORITY. CONTRACTOR IS RESPONSIBLE TO INSTALL MODIFICATIONS AS REQUIRED TO THE SATISFACTION OF THE APPROPRIATE AUTHORITIES.
12. IN ACCORDANCE WITH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



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

SILT FENCE NOTES:

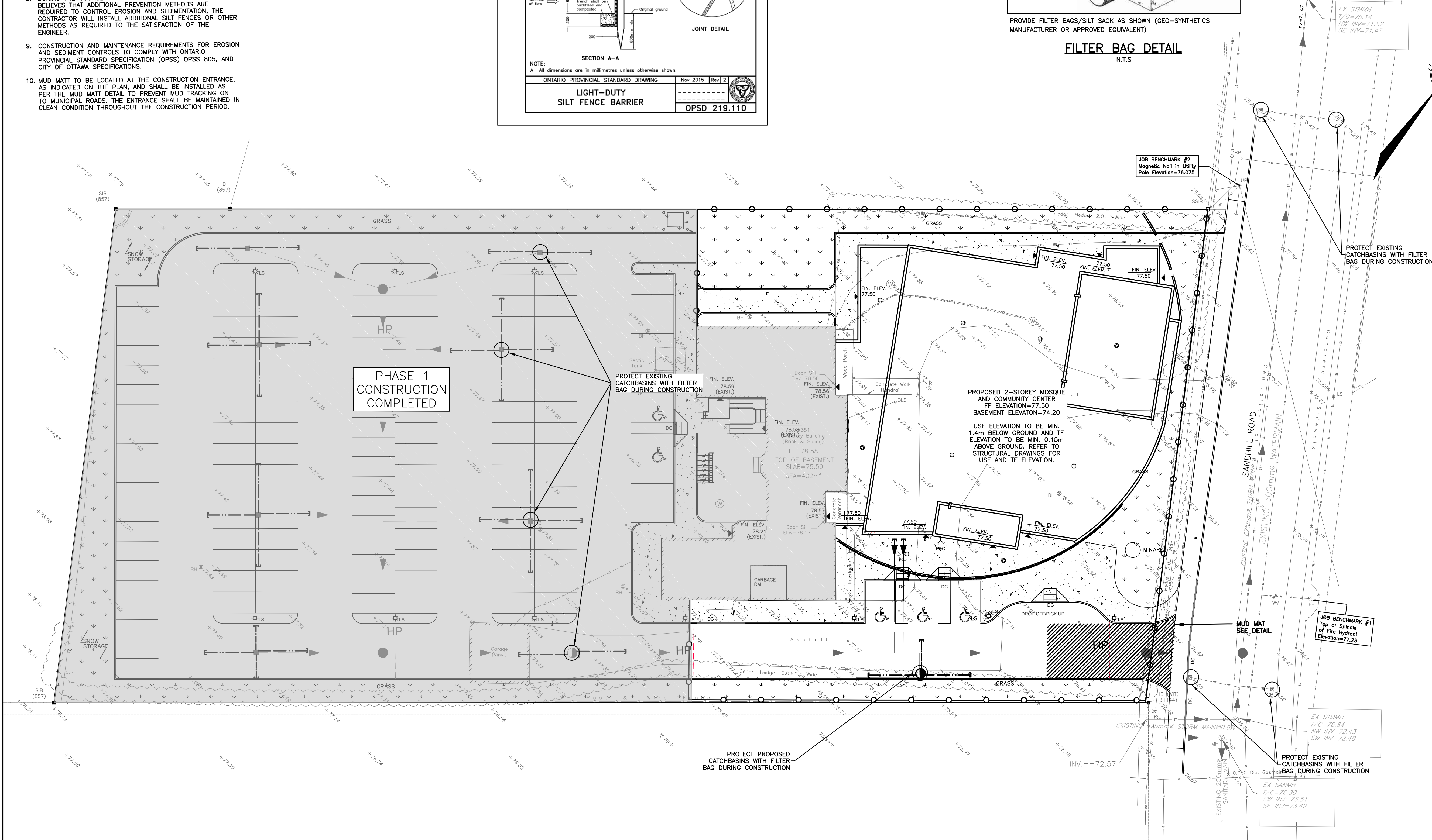
1. POSTS TO BE SPACED AT 2.3 METRES CENTRE TO CENTRE.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY A MINIMUM OF 500mm.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
4. WOOD POSTS TO BE HARDWOOD TYPE (50mm x 50mm).
5. GEOTEXTILE TO BE EMBEDDED 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 COMPLETE.
8. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.



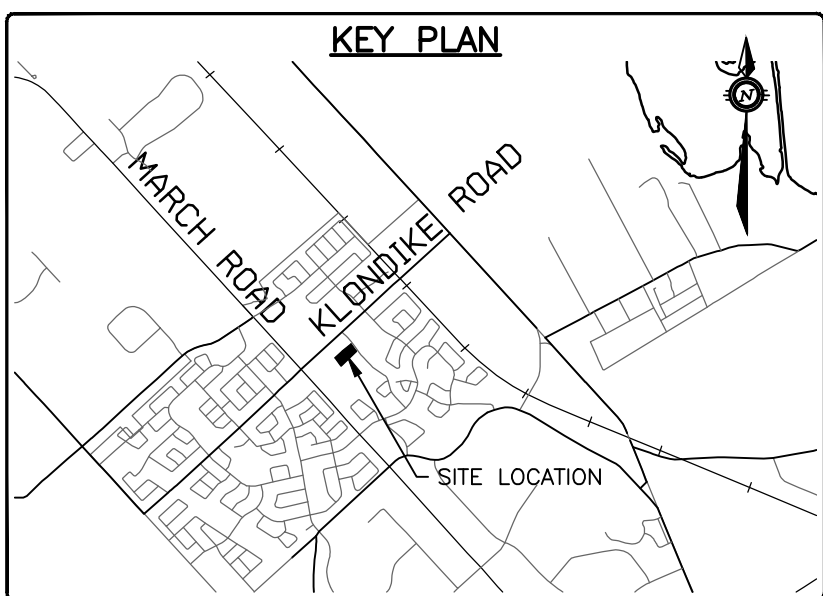
PROVIDE FILTER BAGS/SILT SACK AS SHOWN (GEO-SYNTHETICS
MANUFACTURER OR APPROVED EQUIVALENT)

FILTER BAG DETAIL
N.T.S

N.T.S

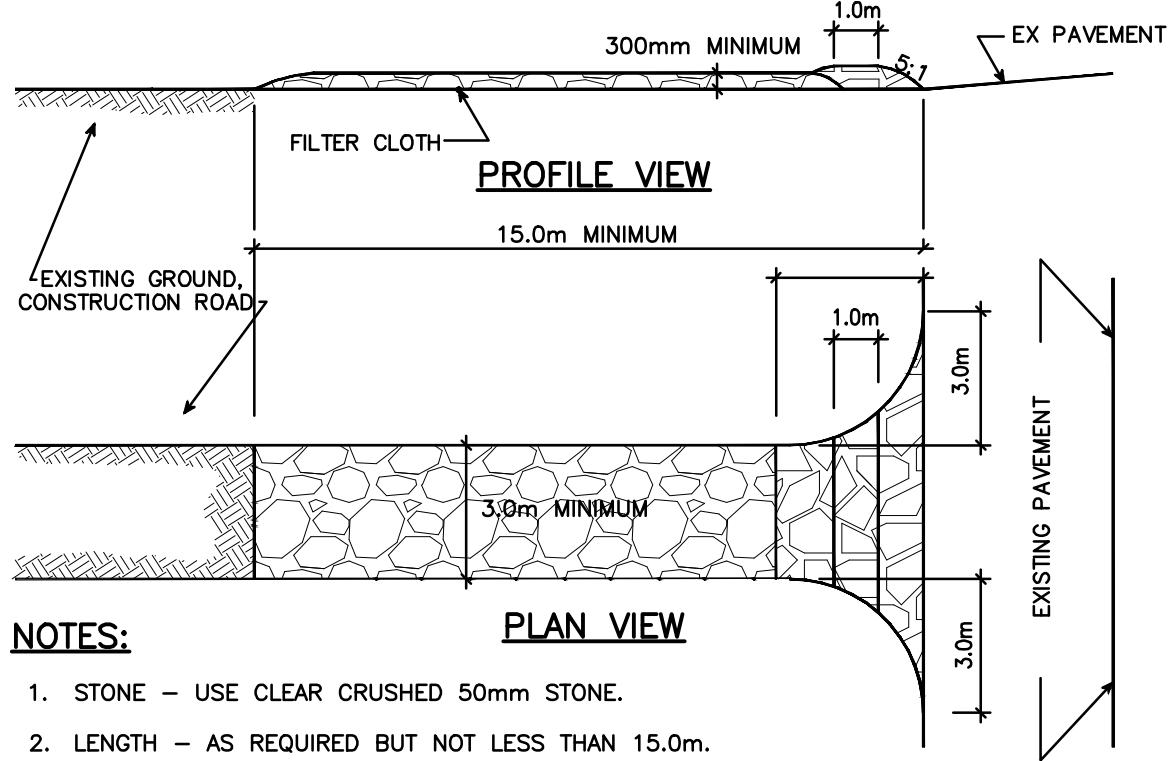


KEY PLAN



LEGEND

- | | | |
|------------------------------------|---|------------------------------------|
| SIB | — | STANDARD IRON BAR |
| IB | — | IRON BAR |
| CB | — | CATCH BASIN |
| MB | — | MANHOLE |
| WMH | — | WATER MANHOLE |
| LS | — | LAMP STANDARD |
| UP | — | UTILITY POLE |
| WV | — | WATER VALVE |
| FH | — | FIRE HYDRANT |
| W | — | WELL |
| GW | — | GUY WIRE AND ANCHOR |
| WH | — | WATERMAIN |
| UW | — | OVERHEAD UTILITY WIRES |
| UH | — | UNDERGROUND HYDRO |
| UB | — | UNDERGROUND BELL |
| G | — | GAS MAIN |
| C | — | CABLE (ROGERS) |
| SL | — | STREET LIGHT |
| ST | — | STORM SEWER |
| S | — | SANITARY SEWER |
| CURB | — | CURB |
| PROPOSED CURB | — | PROPOSED CURB |
| PROPOSED WATERMAIN | — | PROPOSED WATERMAIN |
| PROPOSED STORM SEWER | — | PROPOSED STORM SEWER |
| PROPOSED SANITARY SEWER | — | PROPOSED SANITARY SEWER |
| PROPOSED CLAY SEAL @ 60" INTERVALS | — | PROPOSED CLAY SEAL @ 60" INTERVALS |
| PROPOSED SANITARY MANHOLE | — | PROPOSED SANITARY MANHOLE |
| PROPOSED STORM MANHOLE | — | PROPOSED STORM MANHOLE |
| PROPOSED STORM CATCHBASIN MANHOLE | — | PROPOSED STORM CATCHBASIN MANHOLE |
| PROPOSED STORM CATCHBASIN | — | PROPOSED STORM CATCHBASIN |
| PROPOSED FIRE HYDRANT | — | PROPOSED FIRE HYDRANT |
| PROPOSED VALVE & VALVE BOX | — | PROPOSED VALVE & VALVE BOX |
| PROPOSED SIAMENSE CONNECTION | — | PROPOSED SIAMENSE CONNECTION |
| PROPOSED VALVE & VALVE CHAMBER | — | PROPOSED VALVE & VALVE CHAMBER |
| PROPOSED WATER METER | — | PROPOSED WATER METER |
| PROPOSED REMOTE WATER METER | — | PROPOSED REMOTE WATER METER |
| PROPOSED LIGHT STANDARD | — | PROPOSED LIGHT STANDARD |
| PROPOSED ELEVATION | — | PROPOSED ELEVATION |
| EXISTING ELEVATION | — | EXISTING ELEVATION |
| PROPOSED HEAVY DUTY PAVEMENT | — | PROPOSED HEAVY DUTY PAVEMENT |
| PROPOSED LIGHT DUTY PAVEMENT | — | PROPOSED LIGHT DUTY PAVEMENT |
| PROPOSED CONCRETE SIDEWALK | — | PROPOSED CONCRETE SIDEWALK |
| PROPOSED LANDSCAPED AREA | — | PROPOSED LANDSCAPED AREA |
| PHASE-1 CONSTRUCTION COMPLETED | — | PHASE-1 CONSTRUCTION COMPLETED |



NOTES:

1. STONE - USE CLEAR CRUSHED 50mm STONE.
2. LENGTH - AS REQUIRED BUT NOT LESS THAN 15.0m.
3. THICKNESS - NOT LESS THAN 300mm.
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 INTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TRAPPING AND PRESSING 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 INTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

MUD MAT DETAIL
N.T.S

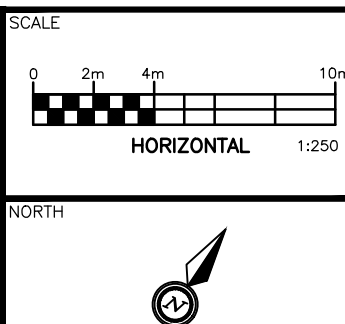
N.T.S

CAUTION

THE 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 POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

					6	REMOVED RETAINING WALL AT SOUTH PROPERTY LINE	24/05/19	AE	AA
					5	REVISED AS PER CITY COMMENTS	16/04/19	AE	AA
					4	REVISED AS PER CITY COMMENTS	19/02/19	AE	AA
					3	REVISED AS PER CITY COMMENTS	02/11/18	AE	AA
8	REVISED AS PER CITY COMMENTS	20/06/22	AJ	AA	2	ISSUED FOR SITE PLAN APPROVAL	29/06/18	AE	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
NO.	REVISION DESCRIPTION	DATE	BY	APPD	NO.	REVISION DESCRIPTION	DATE	BY	APPD

DESIGNED BY



REVIEWED BY



CLIENT
KANATA MUSLIM ASSOCIATION
 832 MARCH ROAD, OTTAWA, ON.
 K2W 0C9
 613.973.5000



exp Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7330
2650 Queensview Drive, Unit 100
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BASEPLAN ML	PROJECT KMA MOSQUE AND COMMUNITY CENTRE 351 SANDHILL ROAD, OTTAWA, ON	PROJECT No. OTT-00238504-A0
DESIGN ML		SURVEY F M & W
CHECKED AA		DATE 2016-12-09
CAD ML		TITLE
PROJECT MANAGER AA	EROSION & SEDIMENT CONTROL PLAN PHASE 2	ESCSP-2
APPROVED AA		