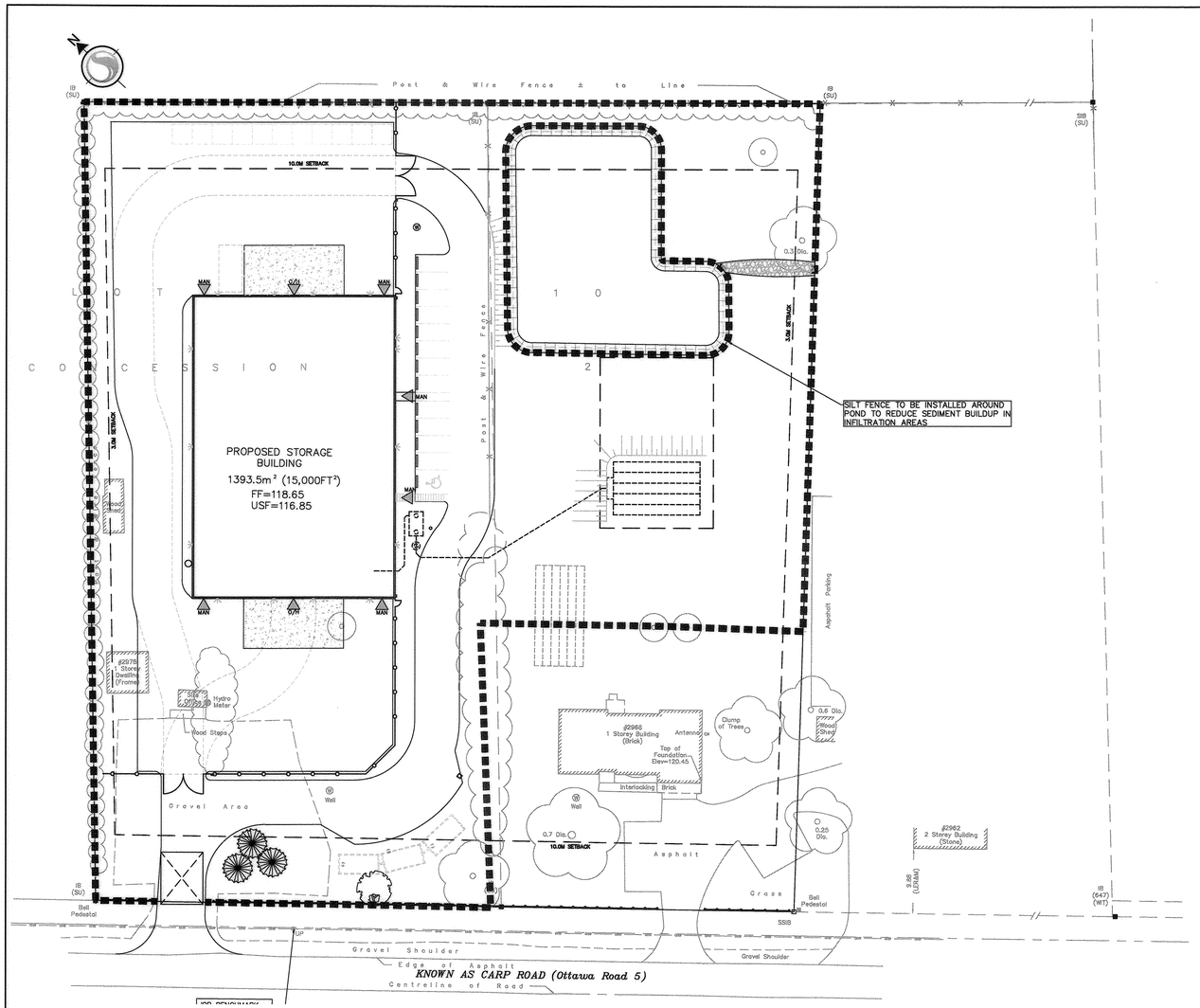
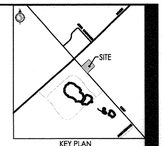




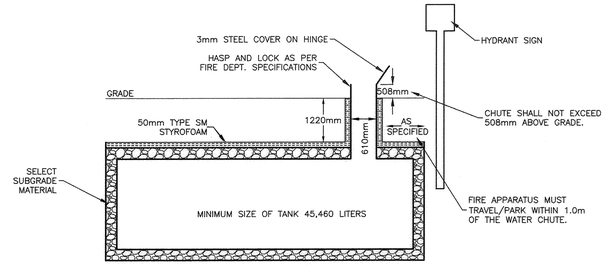
KEY PLAN
N.T.S.

APPROVED ☒ REFUSED ☐

DATE 20 JAN 2017

Adam Brown, Manager, Development Review, Rural Services

Plan # 17565



1	21/06/16		REVISED PER CITY
No.	DATE	BY	REVISIONS

Ottawa

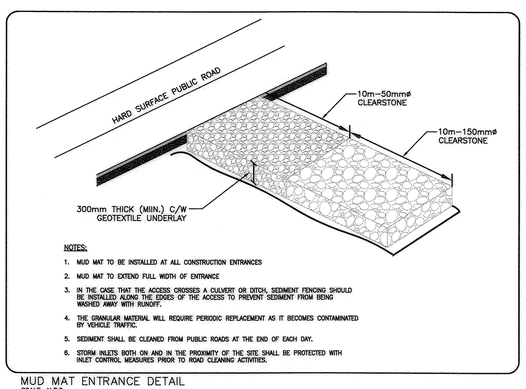
DESIGNED	–
DRAWN	JMS
CHECKED	NC
APPROVED	NC
SCALE:	NTS

CITY OF OTTAWA
WATER FILL STATIONS

CONCRETE RESERVOIR

DATE	OCT. 2004
PROJECT	
PLOTTED	OCT. 2004

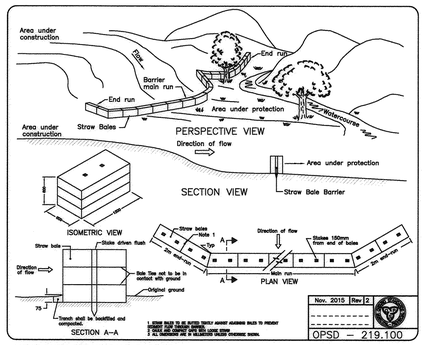
FIGURE 5



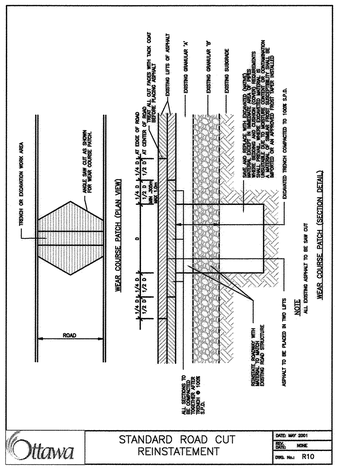
NOTES:

1. MUD MAT TO BE INSTALLED AT ALL CONSTRUCTION ENTRANCES
2. MUD MAT TO EXTEND FULL WIDTH OF ENTRANCE
3. IN THE CASE THAT THE ACCESS CROSSES A CULVERT OR DITCH, SEDIMENT FENCING SHOULD BE INSTALLED ALONG THE EDGES OF THE ACCESS TO PREVENT SEDIMENT FROM BEING WASHED AWAY WITH RUNOFF.
4. THE GRANULAR MATERIAL WILL REQUIRE PERIODIC REPLACEMENT AS IT BECOMES CONTAMINATED BY VEHICLE TRAFFIC.
5. SEDIMENT SHALL BE CLEANED FROM PUBLIC ROADS AT THE END OF EACH DAY.
6. STORM INLETS BOTH ON AND IN THE PROXIMITY OF THE SITE SHALL BE PROTECTED WITH INLET CONTROL MEASURES PRIOR TO ROAD CLEANING ACTIVITIES.

MUD MAT ENTRANCE DETAIL
SCALE: N.T.S.



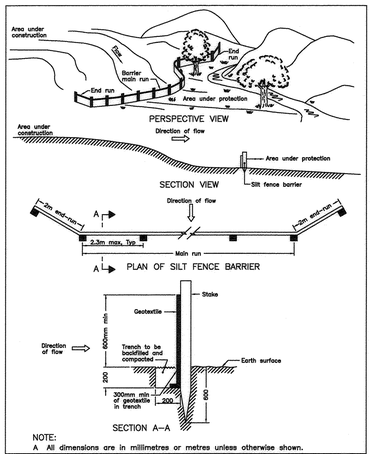
LIGHT DUTY STRAW BALE BARRIER
SCALE: N.T.S.



Ottawa

STANDARD ROAD CUT REINSTATEMENT

DATE: MAY 2001	
SCALE:	NONE
DWG. No.:	R10



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

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2006 | Rev 1

LIGHT DUTY
SILT FENCE BARRIER

Date

OPSD – 219.110

Stantec

Stantec Consulting Ltd.
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Ottawa ON
Tel. 613.722.4420
www.stantec.com

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Legend

- PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110
- PROPOSED CATCHBASIN PROTECTION
- PROPOSED MUD MAT LOCATION
- PROPOSED STRAW BALE LOCATION AS PER OPSD 219.100

Notes

Best Management Practices

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL CATCH BASIN INSERTS OR EQUIVALENT IN ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND IN ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED)
7. A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10MM) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT EXISTING STORM AND SANITARY SEWER SYSTEMS, OR DOWNSTREAM WATERCOURSES.
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLEY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.
13. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.
14. ALL INFILTRATION TRENCHES AND BASINS SHALL BE CONSTRUCTED AFTER ALL OTHER SITE GRADING AND CONSTRUCTION IS COMPLETE. DITCHES AND THE SWM DRY POND DEPRESSION MAY BE EXCAVATED DURING CONSTRUCTION IF THEY ARE REQUIRED FOR STORMWATER MANAGEMENT DURING CONSTRUCTION. HOWEVER, THEY SHOULD NOT BE EXCAVATED TO THE DEPTH OF THE INFILTRATION AREAS UNTIL ALL OTHER SITE WORKS ARE COMPLETE. ALL ACCUMULATED SEDIMENT WILL NEED TO BE EXCAVATED FROM THE POND AND SOUTH INLET DITCH AND INFILTRATION TESTING SHALL BE COMPLETED BEFORE PLACING CLEARSTONE AND GEOTEXTILES ETC.

Revision	By	Appd.	YY.MM.DD
2 REVISED AS PER CITY COMMENTS	WAJ	KJK	17.01.09
1 REVISED AS PER CITY COMMENTS	WAJ	KJK	16.11.24
0 ISSUED TO CITY FOR REVIEW	WAJ	KJK	16.08.19

File Name:

Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
A.M.LYNCH
100186565
9 Jan. 2017
PROVINCE OF ONTARIO

Client/Project

NAUTICAL LANDS GROUP

2978 CARP ROAD

Carp, ON, Canada

Title

EROSION CONTROL PLAN AND DETAIL SHEET

Project No. 160401271

Scale 1:250 (0 2.5 7.5 12.5m)

Drawing No. EC/DS-1

Sheet 2of 3

Revision 1

ORIGINAL SHEET - ARCH D

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2017/01/09 3:29 PM By:Sanjuan, Richard