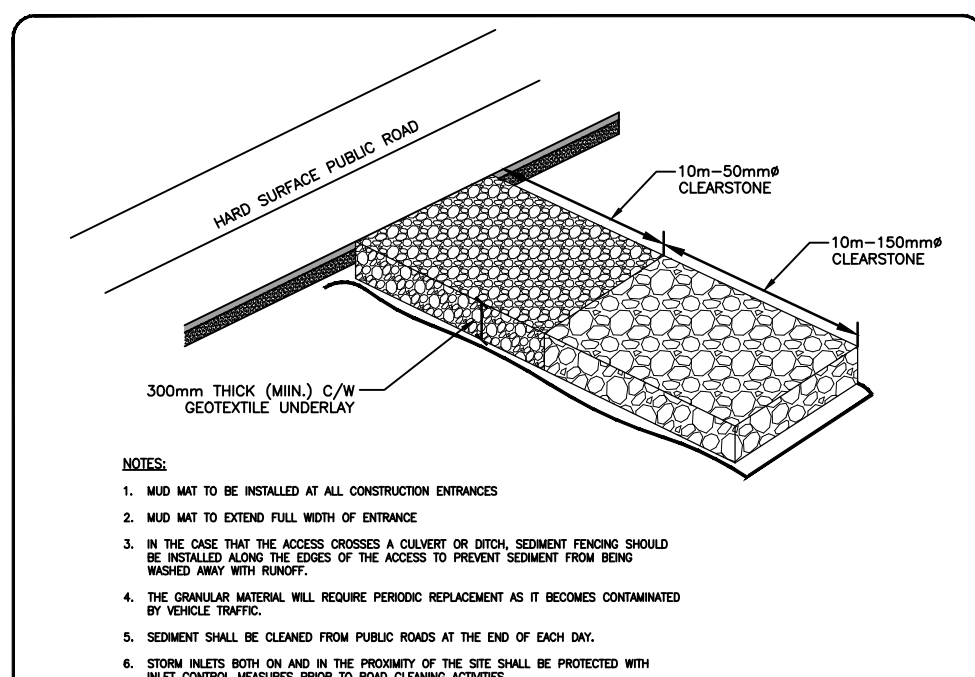


ROADSIDE CATCH BASIN PROTECTION DETAIL: TERRAFIX SILT SACK  
SCALE: N.T.S.



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

APPROVED

By Jeff McEwen at 12:19 pm, Oct 26, 2018

Jeff McEwen

JEFF MCEWEN P.ENG.  
MANAGER, DEVELOPMENT REVIEW EAST BRANCH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



Stantec Consulting Ltd.  
400 - 1331 Clyde Avenue  
Ottawa ON  
Tel. 613.722.4420  
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.  
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend

- PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110
- PROPOSED CONSTRUCTION FENCING
- PROPOSED MUD MAT LOCATION
- PROPOSED CATCH BASIN PROTECTION AS PER DETAIL

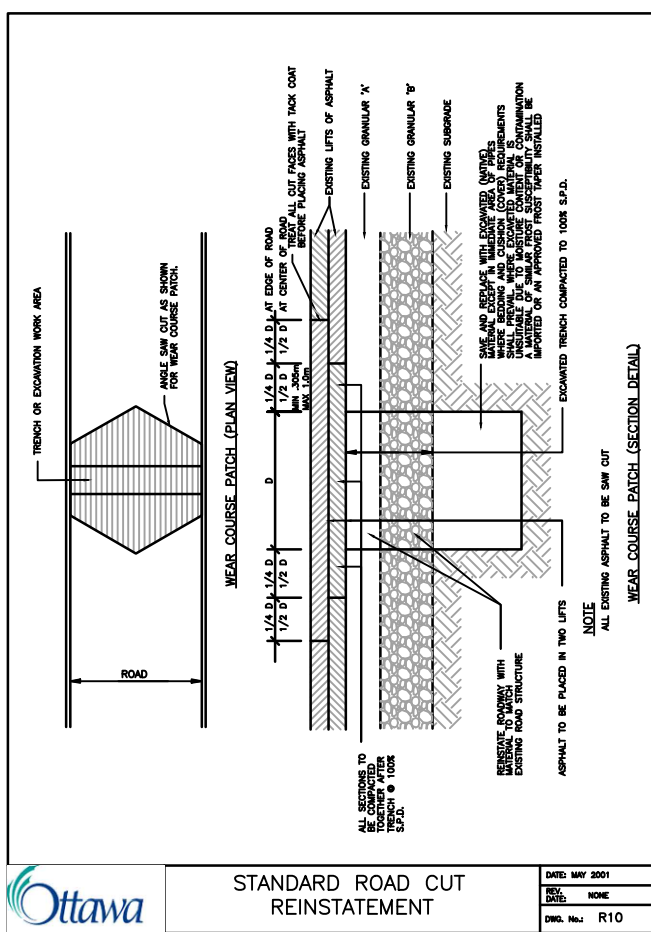
Notes

Best Management Practices

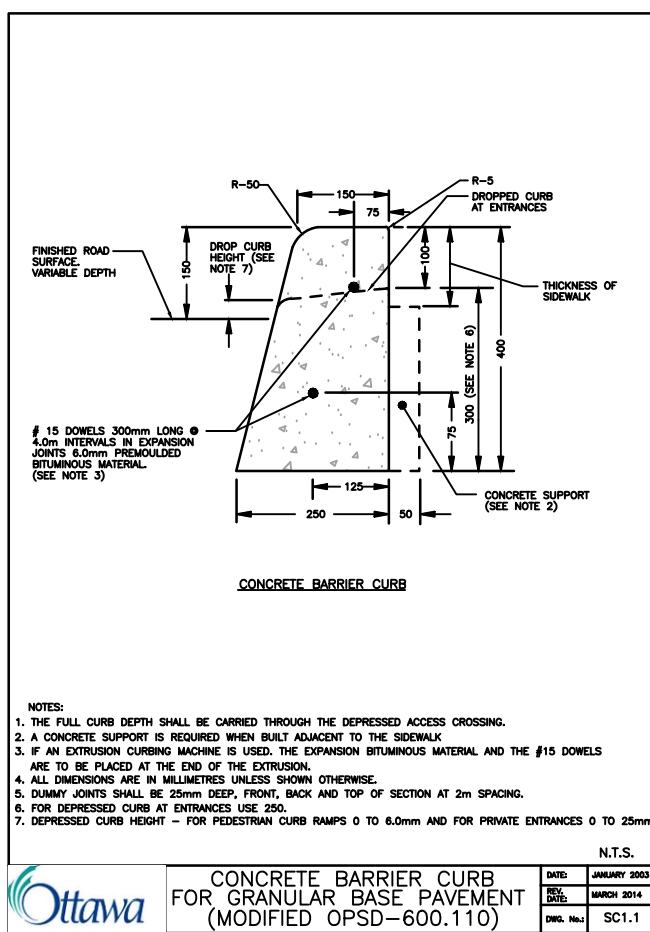
CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

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:

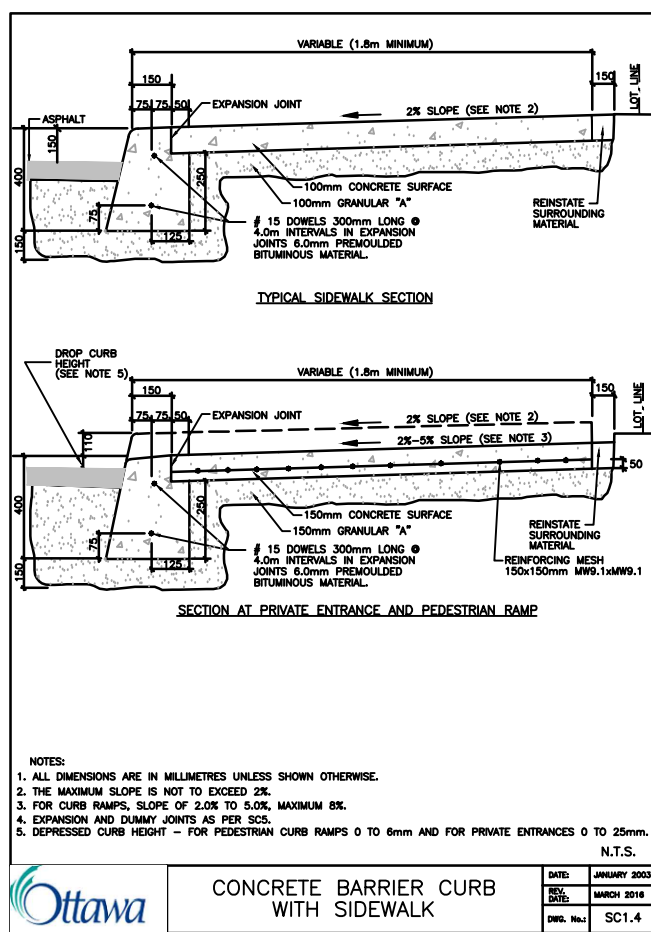
1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL CATCH BASIN INSERTS OR EQUIVALENT IN ALL PROPOSED CATCH BASINS AND CATCH 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 REINSTITUTED 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 PERMANENTLY 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. CONTRACTOR SHALL INSTALL MUD MATS AT ALL ENTRANCES TO THE SITE.



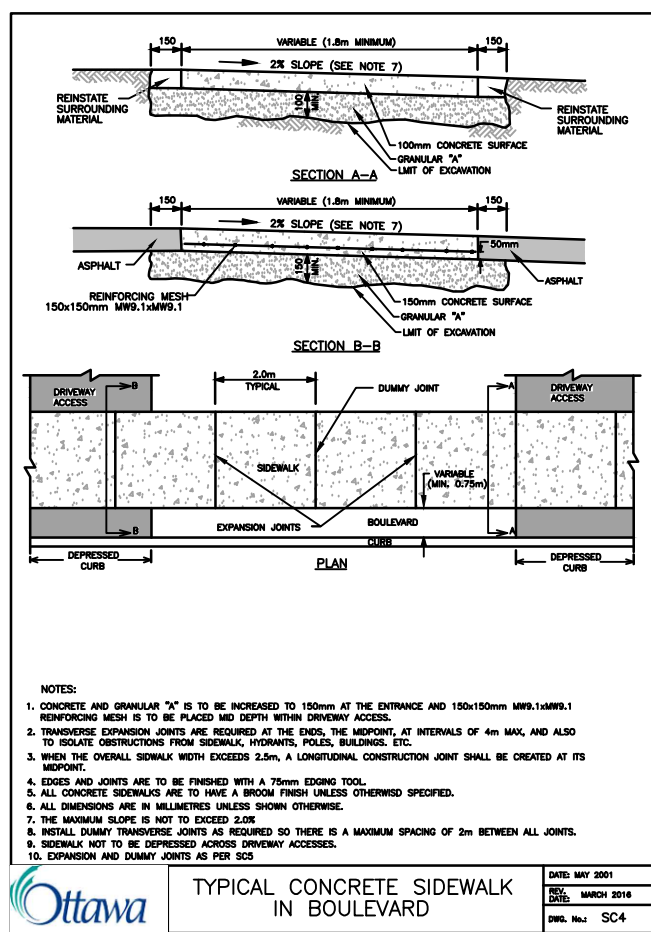
STANDARD ROAD CUT REINSTATEMENT



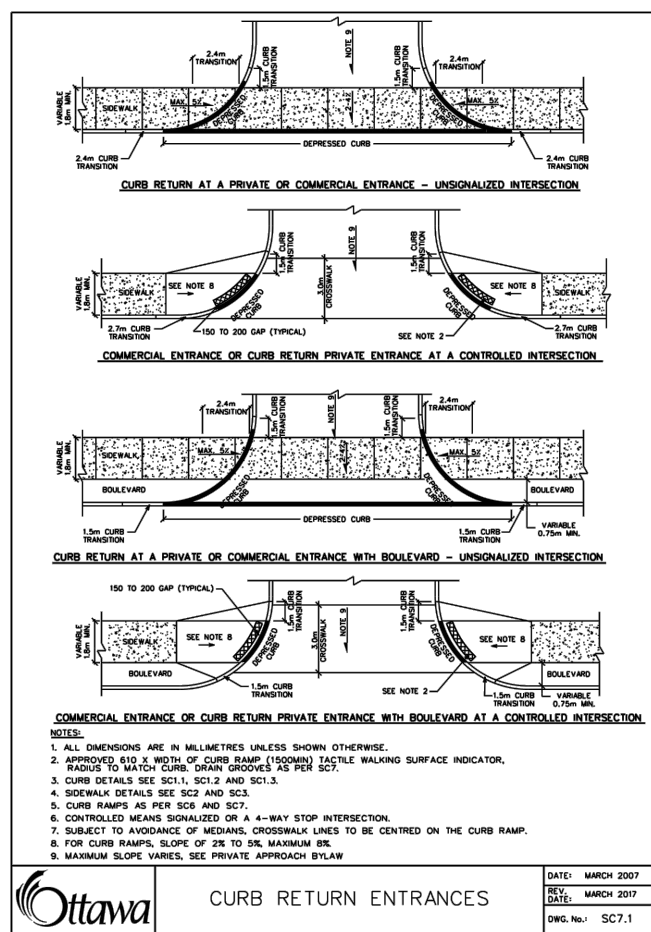
CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)



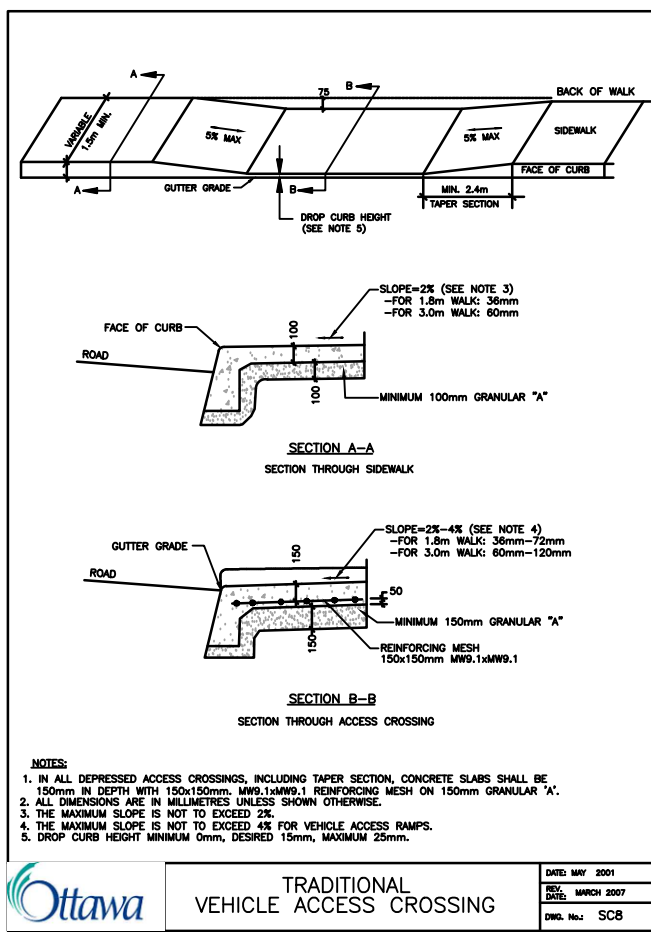
CONCRETE BARRIER CURB WITH SIDEWALK



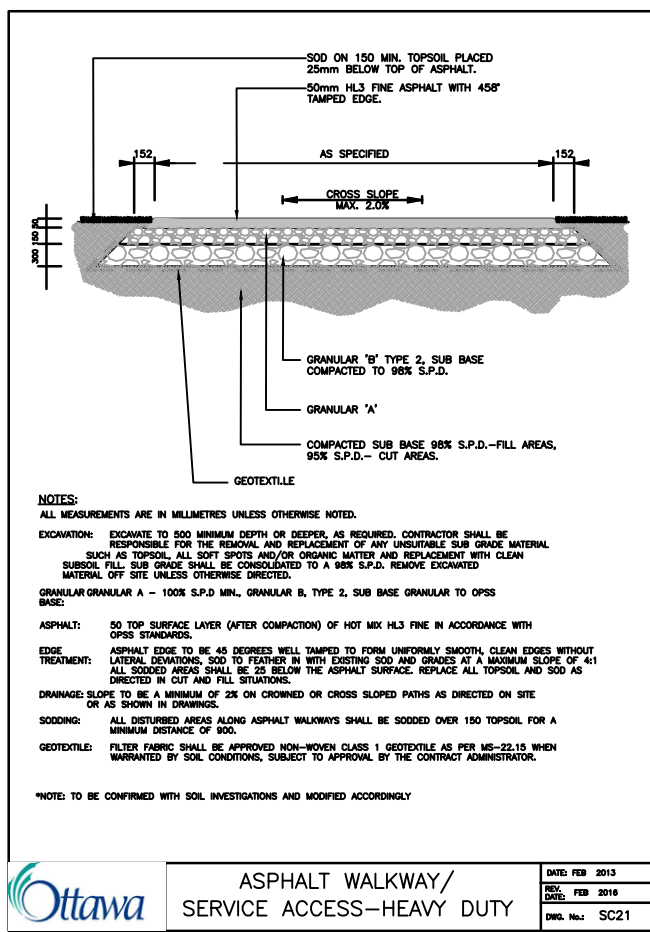
TYPICAL CONCRETE SIDEWALK IN BOULEVARD



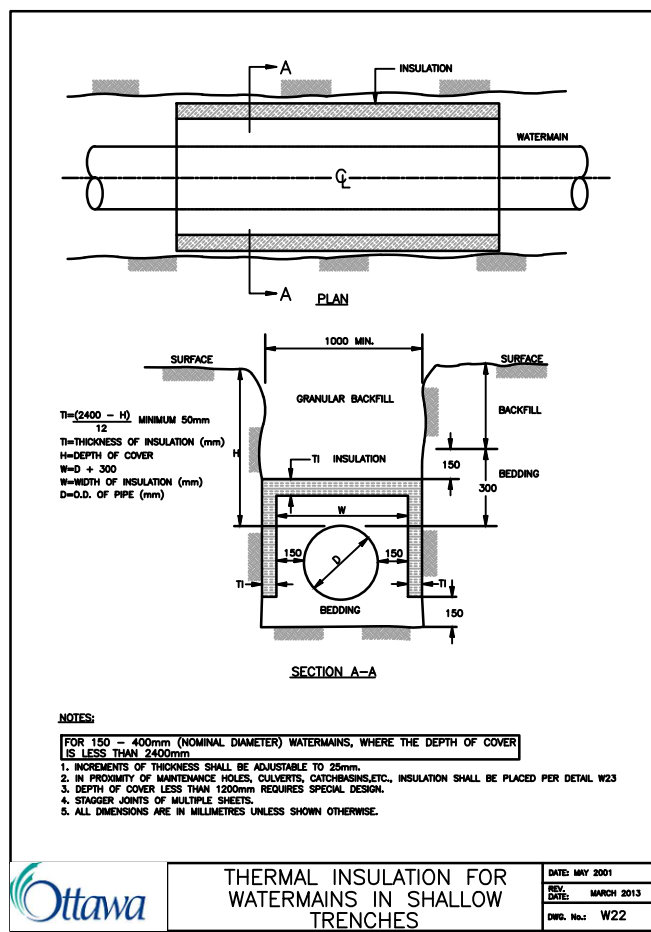
CURB RETURN ENTRANCES



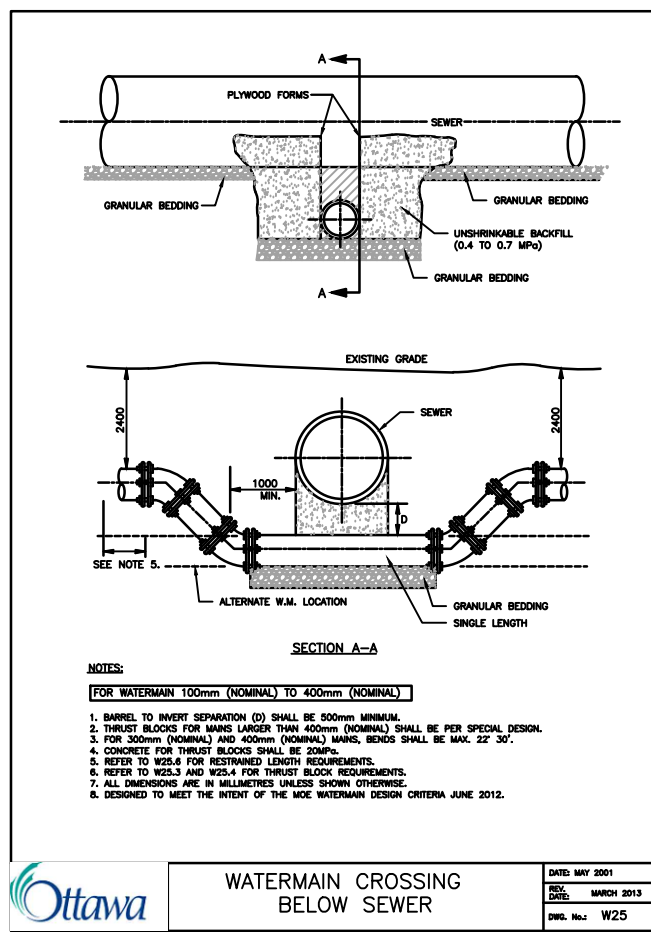
TRADITIONAL VEHICLE ACCESS CROSSING



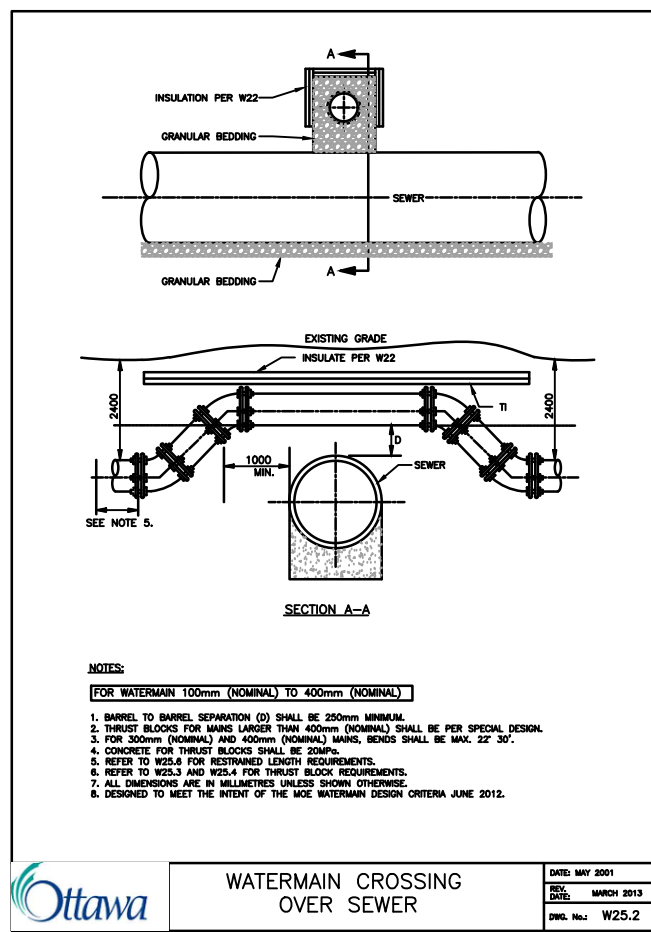
ASPHALT WALKWAY/SERVICE-HEAVY DUTY



THERMAL INSULATION FOR WATERMAINS IN SHALLOW TRENCHES



WATERMAIN CROSSING BELOW SEWER



WATERMAIN CROSSING OVER SEWER

8	REVISED AS PER CITY COMMENTS	WAJ	AMP	18.09.19
7	REVISED AS PER NEW SITE PLAN	WAJ	AMP	18.09.05
6	REVISED AS PER NEW SITE PLAN	MJS	AMP	18.07.26
5	REVISED STORM SERVICING BLOCK 6	MJS	AMP	18.07.05
4	REVISED AS PER NEW SITE PLAN	MJS	AMP	18.06.15
3	REVISED AS PER CITY COMMENTS	MJS	AMP	18.03.22
2	REVISED AS PER CITY COMMENTS	MJS	AMP	18.01.23
1	ISSUED FOR SPA	MJS	AMP	17.06.13

Revision	By	Appd.	YY.MM.DD
----------	----	-------	----------

File Name:	160401331 DB.dwg	MJS	AMP	MJS	17.06.12
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

BRIGIL  
PETRIE'S LANDING II

BLOCK 6, 7, AND 8  
8466 JEANNE D'ARC BOULEVARD  
OTTAWA, ON, CANADA

Title

EROSION CONTROL PLAN  
AND DETAIL SHEET

Project No.

160401331

Drawing No.

Sheet

EC/DS-1

Scale

0 10 30 50m  
1:1000

Sheet

Revision

5 of 7

15546

D07-12-17-0093