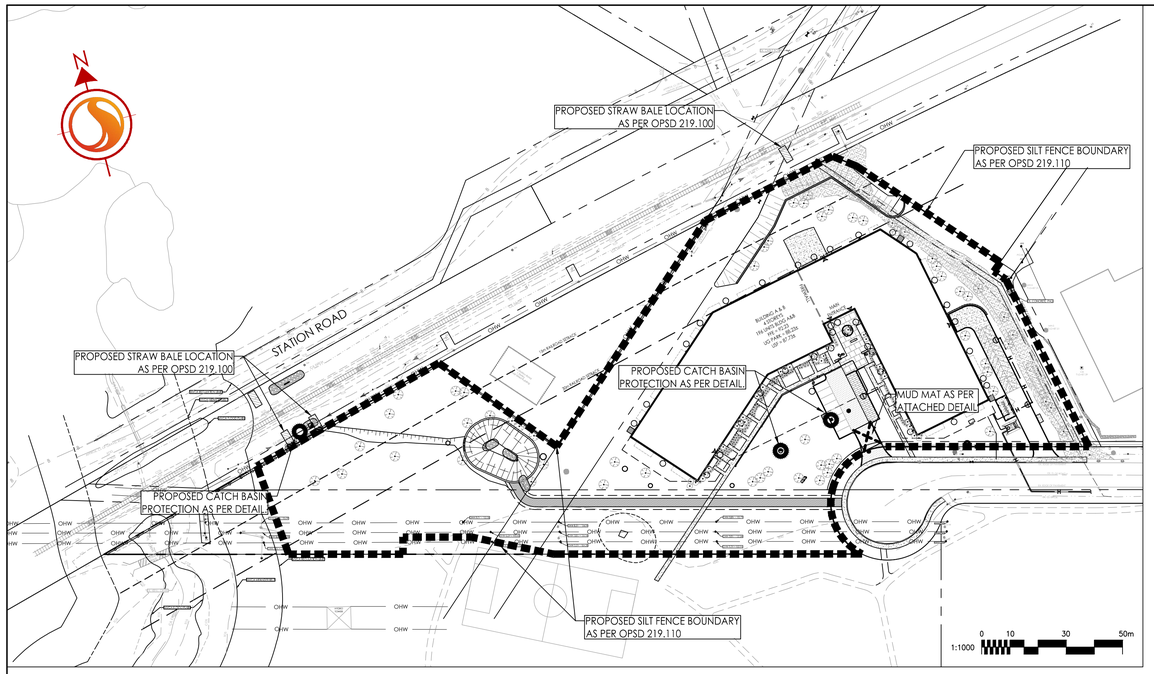
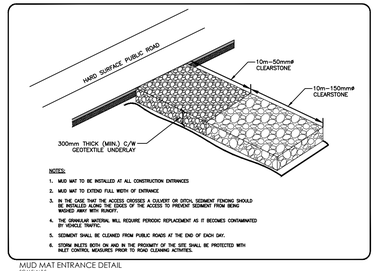
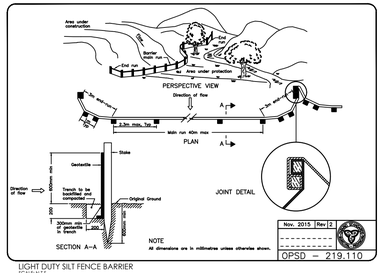
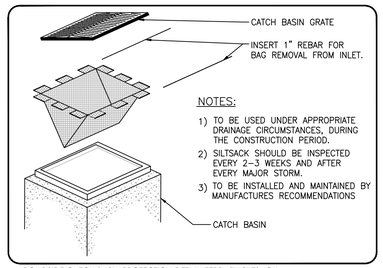




MUD MAT ENTRANCE DETAIL
SCALE: N.T.S.



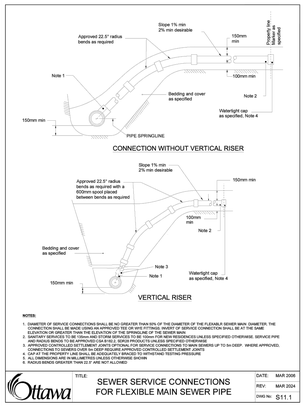
LIGHT DUTY SILT FENCE BARRIER
SCALE: N.T.S.



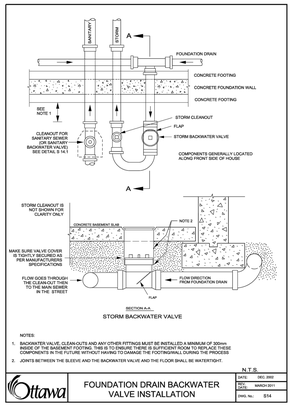
ROADSIDE CATCH BASIN PROTECTION DETAIL: TERRAFIX SILTSACK
SCALE: N.T.S.

SEAN MOORE MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - WEST
PLANNING, INFRASTRUCTURE & ECONOMIC DEVEVELOPMENT DEPARTMENT, CITY OF OTTAWA

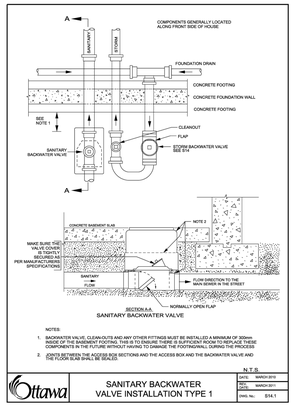
APPROVED
By Sean Moore at 9:13 pm, Aug 06, 2026



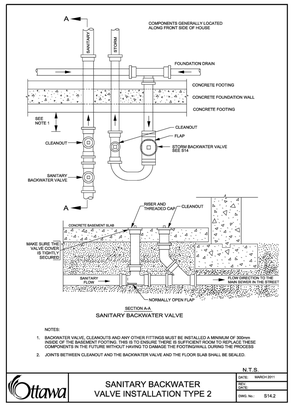
TITLE: SEWER SERVICE CONNECTIONS FOR FLEXIBLE MAIN SEWER PIPE
DATE: MAR 2006 REV: MAR 2024 DWG No: S11.1



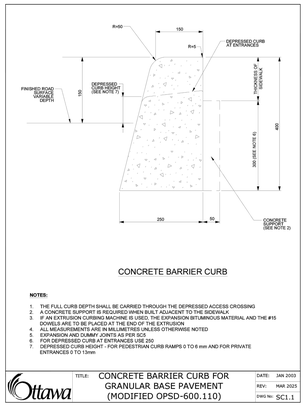
TITLE: FOUNDATION DRAIN BACKWATER VALVE INSTALLATION
N.T.S. DATE: MAR 2011 REV: MARCH 2011 DWG No: S14



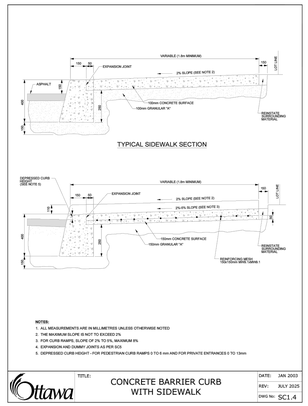
TITLE: SANITARY BACKWATER VALVE INSTALLATION TYPE 1
N.T.S. DATE: MARCH 2011 REV: MARCH 2011 DWG No: S14.1



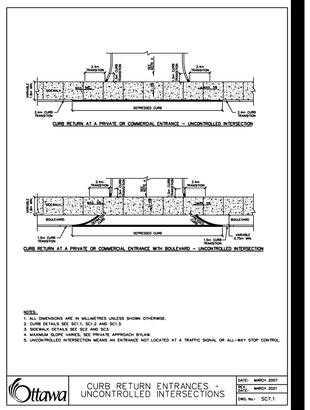
TITLE: SANITARY BACKWATER VALVE INSTALLATION TYPE 2
N.T.S. DATE: MARCH 2011 REV: MARCH 2011 DWG No: S14.2



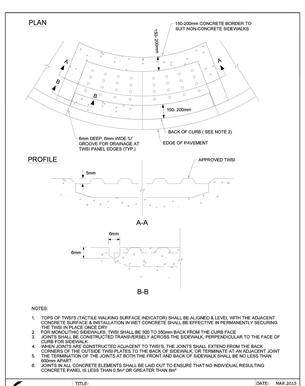
TITLE: CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)
DATE: JAN 2003 REV: MAR 2025 DWG No: SC1.1



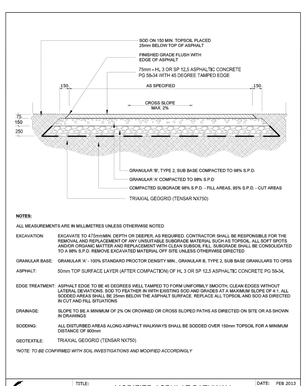
TITLE: CONCRETE BARRIER CURB WITH SIDEWALK
DATE: JAN 2003 REV: JULY 2025 DWG No: SC1.4



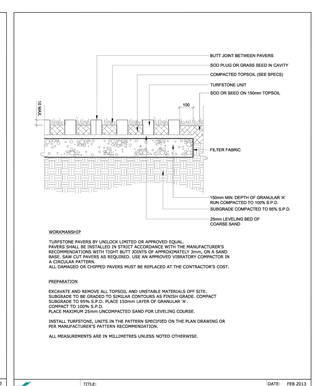
TITLE: CURB RETURN ENTRANCES - UNCONTROLLED INTERSECTIONS
DATE: MARCH 2007 REV: MARCH 2021 DWG No: SC7.1



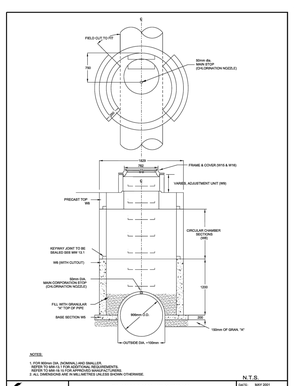
TITLE: TWSI DETAIL
DATE: MAR 2015 REV: FEB 2025 DWG No: SC7.3



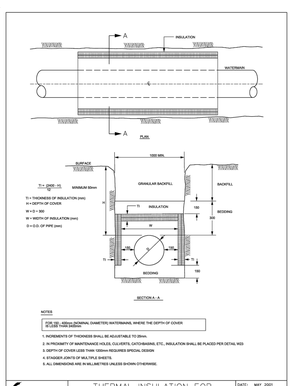
TITLE: MODIFIED ASPHALT PATHWAY / SERVICE ACCESS
DATE: FEB 2013 REV: FEB 2025 DWG No: SC21



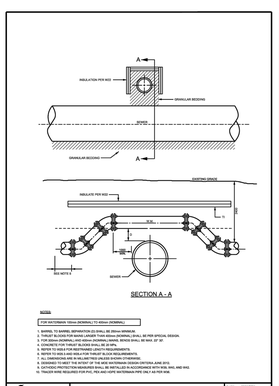
TITLE: TURF STONE UNIT PAVING
DATE: FEB 2013 REV: FEB 2014 DWG No: SC26



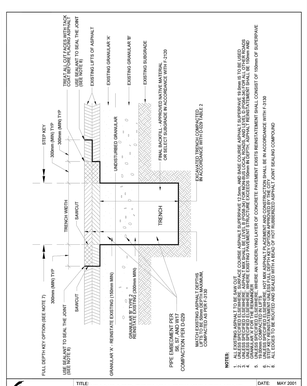
TITLE: FLOW MONITORING CHAMBER
N.T.S. DATE: MAY 2001 REV: MARCH 2011 DWG No: W5.1



TITLE: THERMAL INSULATION FOR WATERMAINS IN SHALLOW TRENCHES
DATE: MAY 2001 REV: MARCH 2010 DWG No: W22



TITLE: WATERMAIN CROSSING OVER SEWER
DATE: MAY 2001 REV: MARCH 2020 DWG No: W23.2



TITLE: STANDARD TRENCH REINSTATEMENT IN PAVED SURFACE
DATE: MAY 2001 REV: MAR 2023 DWG No: R10

Stantec

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

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Legend

- PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110
- PROPOSED STRAW BALE LOCATION AS PER OPSD 219.100
- PROPOSED CATCH BASIN PROTECTION AS PER DETAIL.
- PROPOSED MUD MAT LOCATION
- PROPOSED VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE AND DMA CHAMBER AS PER CITY STD W3
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CATCHBASIN

Notes

Best Management Practices

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

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. CONTRACTOR SHALL INSTALL MUD MATS AT ALL CONSTRUCTION ENTRANCES TO THE SITE.
14. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.

Revision		By	Appd.	YY.MM.DD
9	REVISED PER CITY COMMENTS	MJS	DT	26.06.17
8	REVISED PER CITY COMMENTS	MJS	DT	26.03.24
7	REVISED PER CITY COMMENTS	MJS	DT	25.11.28
6	REVISED PER NEW SITE PLAN	MJS	DT	25.07.11
5	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.12.02
4	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.04.08
3	REVISED WATERMAIN SIZE	MJS	DT	22.04.08
2	REVISED AS PER CITY COMMENTS	MJS	TR	21.05.07
1	ISSUED FOR REVIEW	MJS	TR	20.11.23

File Name: 160401570 DB	MJS	AMP	MJS	20.08.17
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2026-06-18
PROVINCE OF ONTARIO

Client/Project
BRIGIL

100 STEACIE DRIVE

OTTAWA, ON

Title
EROSION CONTROL PLAN AND DETAIL SHEET

Project No. 160401570
Scale N.T.S
Drawing No. EC/DS-1
Sheet 7 of 12
Revision 9
PLAN# 18327

D07-12-24-0086

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2026/06/17 2:42 PM By: Shrigi, Mike

ORIGINAL SHEET - ARCH D