

- 150-200mm CONCRETE BORDER TO SUIT NON-CONCRETE SIDEWALKS

- BACK OF CURB (SEE NOTE 2)

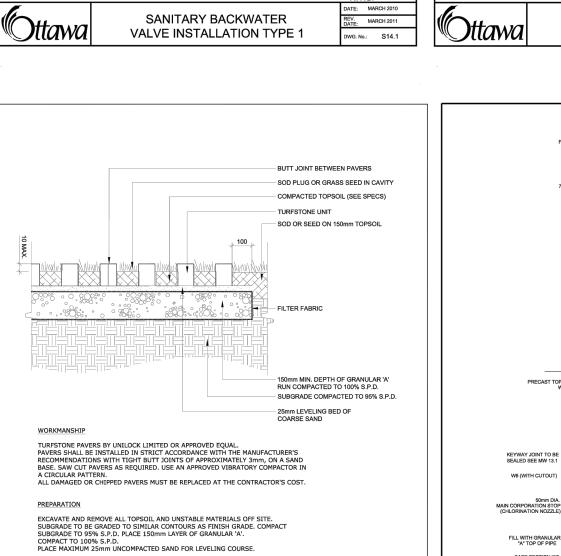
6mm DEEP, 6mm WIDE 'U'

1. TOPS OF TWSI'S (TACTILE WALKING SURFACE INDICATOR) SHALL BE ALIGNED & LEVEL WITH THE ADJACENT CONCRETE SURFACE & INSTALLATION IN WET CONCRETE SHALL BE EFFECTIVE IN PERMANENTLY SECURING THE TWSI IN PLACE ONCE DRY.
2. FOR MONOLITHIC SIDEWALKS, TWSI SHALL BE 300 TO 350mm BACK FROM THE CURB FACE.

TWSI DETAIL

PROFILE

REV. MARCH 2017



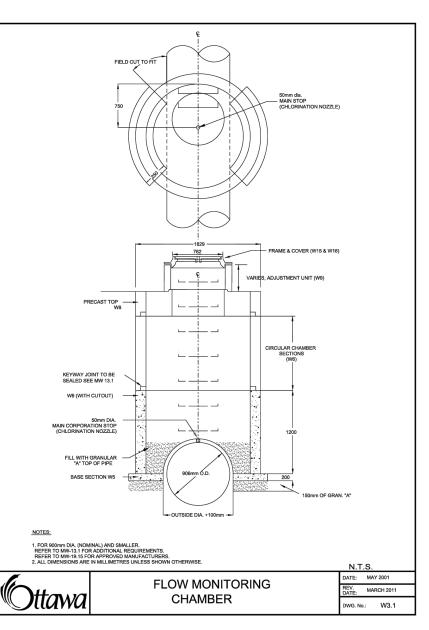
NSTALL TURFSTONE, UNITS IN THE PATTERN SPECIFIED ON THE PLAN DRAWING OR ER MANUFACTURER'S PATTERN RECOMMENDATION.

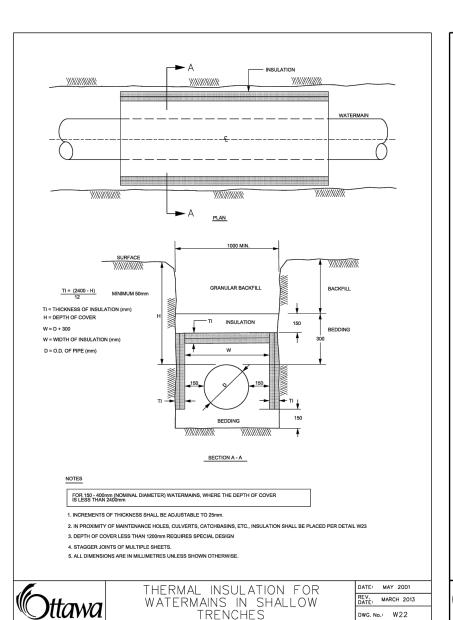
TURF STONE UNIT PAVING

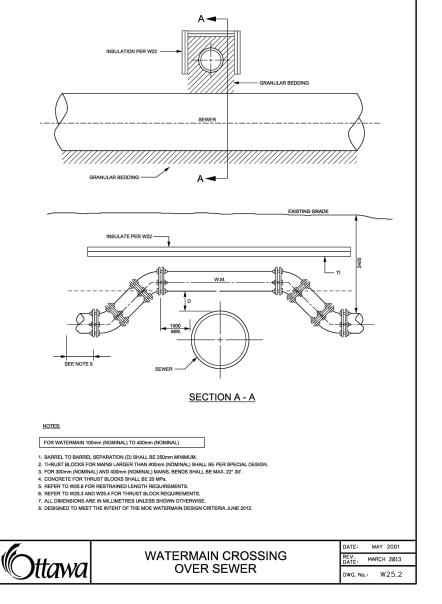
REV: FEB 2014

DWG No: SC26

ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.







FULL DEPTH KEY

EXCAVATED TRENCH COMPACTED IN ACCORDANCE WITH D-029 TABLE 2

TYPICAL SIDEWALK SECTION

2% SLOPE (SEE NOTE 2) ______

SECTION AT PRIVATE ENTRANCE AND PEDESTRIAN RAMPS

EXPANSION JOINT

DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 25mm.

CONCRETE BARRIER CURB

WITH SIDEWALK

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWIS

3. FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8%... EXPANSION AND DUMMY JOINTS AS PER SC5.

GRANULAR A - REINSTATE EXISTING (150mm MIN.)

MATCH EXISTING ASPHALT DEPTHS LIFTS TO BE 50mm DEPTH MAXIMUM, COMPACTED AS PER OPSS 310

CONCRETE SUPPORT (SEE NOTE 2)



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.

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:

- LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
- REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
- MINIMIZE AREA TO BE CLEARED AND GRUBBED.

WATERWAY.

- PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
- 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
- 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) 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. 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. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING
- 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.
- THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
- 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.

614.	REVISEM WATER SWITE PLANBE COVERED WITH HYDROS	SEED/AND M	nrc⊬D⊥	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	SLM	TR	21.05.07
1	ISSUED FOR REVIEW	SLM	TR	20.11.23
Revision		Ву	Appd.	YY.MM.DD

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

Permit-Seal

Client/Project BRIGIL

100 STEACIE DRIVE

OTTAWA, ON

EROSION CONTROL PLAN AND **DETAIL SHEET**

Project No. Scale 160401570 Revision Drawing No.

ORIGINAL SHEET - ARCH D

CURB RETURN AT A PRIVATE OR COM

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWIS

APPROVED 610 X WIDTH OF CURB RAMP (1500MIN) TACTILE WALKING SURFACE INDICATOR, RADIUS TO MATCH CURB. DRAIN GROOVES AS PER SC7.

A SUDB DETAILS SEE SC1, SC1, SC1, AND SC1,3.

3. CURB DETAILS SEE SC2 AND SC3.

5. CURB RAMPS AS PER SC6 AND SC7.

6. CONTROLLED MEANS SIGNALIZED OR A 4-WAY STOP INTERSECTION.

7. SUBJECT TO AVOIDANCE OF MEDIANS, CROSSWALK LINES TO BE CENTRED ON THE CURB RAMP.

8. FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8%, 9

MAXIMILM SLOPE VABINES SEE PRIVATE APPROACH BY AW

CURB RETURN ENTRANCES

SEE NOTE 2

PLAN# 18327