

CONCRETE BARRIER CURB

1. THE FULL CURB DEPTH SHALL BE CARRIED THROUGH THE DEPRESSED ACCESS CROSSING

3. IF AN EXTRUSION CURBING MACHINE IS USED, THE EXPANSION BITUMINOUS MATERIAL AND THE #15 DOWELS ARE TO BE PLACED AT THE END OF THE EXTRUSION.

DUMMY JOINTS SHALL BE 25mm DEEP, FRONT, BACK AND TOP OF SECTION AT 4m SPACING OR MATCH JOINTING WHERE SIDEWALK IS ADJA

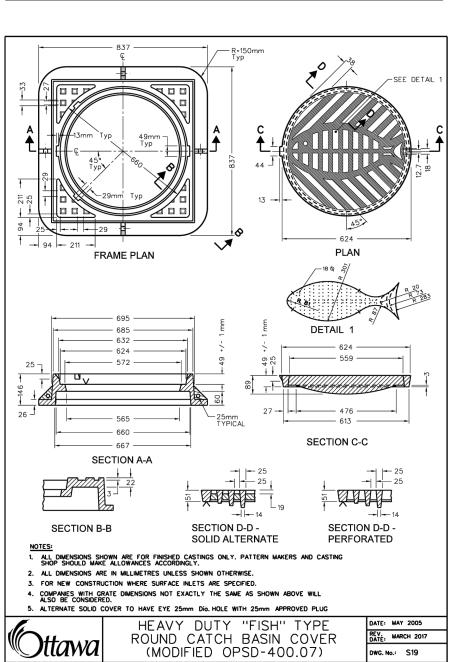
CONCRETE BARRIER CURB

NCRETE SUPPORT IS REQUIRED WHEN BUILT ADJACENT TO THE SIDEWALK.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

FOR DEPRESSED CURB AT ENTRANCES USE 250.

- CONCRETE SUPPORT (SEE NOTE 2)



TYPICAL SIDEWALK SECTION

2% SLOPE (SEE NOTE 2) ______

#15 DOWELS 300mm LONG @4.0m INTERVALS IN EXPANSION JOINTS 6.0mm PREMOULDED BITLIMINOLIS MATERIAL

SECTION AT PRIVATE ENTRANCE AND PEDESTRIAN RAMPS

DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 13mm.

CONCRETE BARRIER CURB

WITH SIDEWALK

125

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

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

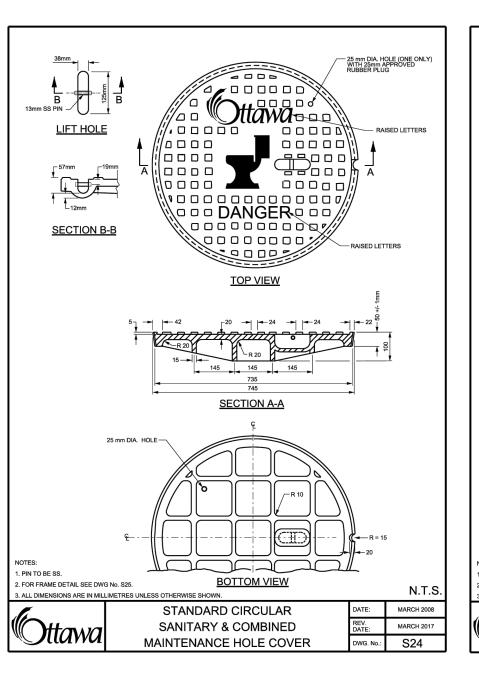
EXPANSION AND DUMMY JOINTS AS PER SC5.

2%-5% SLOPE (SEE NOTE 3)

REINFORCING MESH 150x150mm MW9.1xMW9.1

DWG. No.: SC1.4

150mm CONCRETE SURFACE



SECTION A-A-LIMIT OF EXCAVATION

SECTION B-B

EXPANSION JOINTS

1. CONCRETE AND GRANULAR "A" IS TO BE INCREASED TO 150mm AT THE ENTRANCE AND 150x150mm MW9.1 x MW9.1 REINFORCING MESH IS TO BE PLACED MID DEPTH WITHIN DRIVEWAY ACCESS.

7. THE MAXIMUM SLOPE IS NOT TO EXCEED 2%.

8. INSTALL DUMMY TRANSVERSE JOINTS AS REQUIRED SO THERE IS A MAXIMUM SPACING OF 2m BETWEEN ALL JOINTS.

9. SIDEWALK NOT TO BE OPPRESSED ACROSS DRIVEWAY ACCESSES.

10. EXPANSION AND DUMMY JOINTS AS PER SC5

TYPICAL CONCRETE SIDEWALK

IN BOULEVARD

REV. MARCH 2016

4. EDGES AND JOINTS ARE TO BE FINISHED WITH A 75mm EDGING TOOL.

5. ALL CONCRETE SIDEWALKS ARE TO HAVE A BROOM FINISH UNLESS OTHERWISE SPECIFIED.

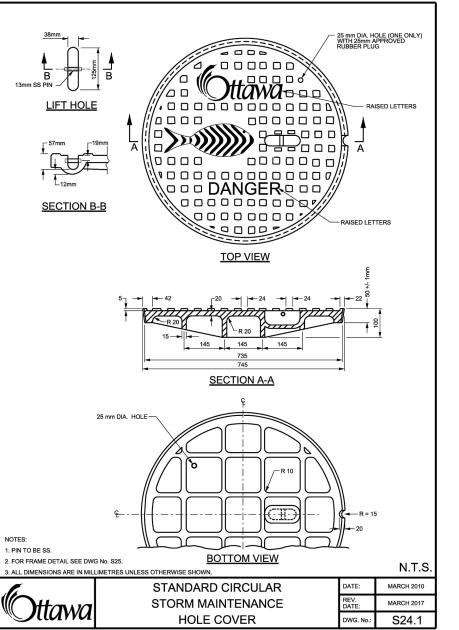
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

TRANSVERSE EXPANSION JOINTS ARE REQUIRED AT THE ENDS, THE MIDPOINT, AT INTERVALS OF 4m MAXIMUM, AND ALSO TO ISOLATE OBSTRUCTIONS FROM SIDEWALK, HYDRANTS, POLES, BUILDINGS, ETC.

WHEN THE OVERALL SIDEWALK WIDTH EXCEEDS 2.5m, A LONGITUDINAL CONSTRUCTION JOINT SHALL BE CREATED AT ITS

150mm CONCRETE SURFACE

- LIMIT OF EXCAVATION



CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE - UNCONTROLLED INTERSECTION

CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE WITH BOULEVARD - UNCONTROLLED INTERSECTION

TROLLED INTERSECTION MEANS AN ENTRANCE NOT LOCATED AT A TRAFFIC SIGNAL OR ALL-WAY STOP CONTROL.

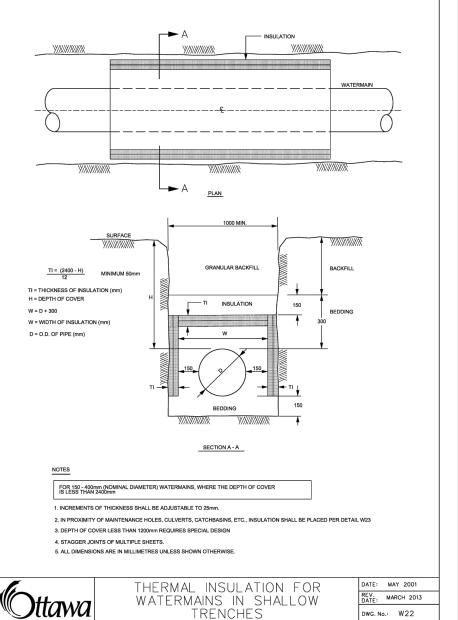
REV. MARCH 2021

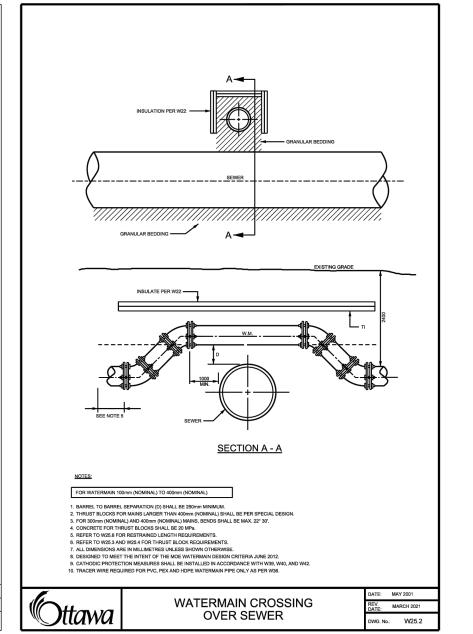
I. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

MAXIMUM SLOPE VARIES, SEE PRIVATE APPROACH BYLAW.

2. CURB DETAILS SEE SC1.1, SC1.2 AND SC1.3.

3. SIDEWALK DETAILS SEE SC2 AND SC3.







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 CATCH BASIN PROTECTION AS PER FLEX

ITEM CODE P-RD-240-223-FX

PROPOSED CATCH BASIN MH PROTECTION AS PER FLEX STORM INLET FILTERS DETAIL. ITEM CODE P-RD-290-270-FX

PROPOSED CATCH BASIN PROTECTION AS PER TERRAFIX SILTSACK DETAIL

STORM INLET FILTERS DETAIL.

PROPOSED MUD MAT LOCATION

PROPOSED VALVE BOX PROPOSED VALVE CHAMBER PROPOSED FIRE HYDRANT 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.

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.

OR DOWNSTREAM WATERCOURSES.

THE CONTRACT ADMINISTRATOR

CONTRACTOR WITHOUT DELAY.

MINIMIZE AREA TO BE CLEARED AND GRUBBED. 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 FROM THE

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 DEVICE HAS BEEN INSTALLED TO PROTECT EXISTING STORM AND SANITARY SEWER SYSTEMS,

NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.

. 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 CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ${\tt ADMINISTRATOR, CLEAN OUT\ ACCUMULATED\ SEDIMENTS\ AS\ REQUIRED.}$

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

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

REVISED AS PER CITY COMMENTS MJS DT 24.03.13 MJS MF 23.05.15 ISSUED FOR SPA By Appd. YY.MM.DD Revision MJS DT MJS 23.02.06
Dwn. Chkd. Dsgn. YY.MM.DD File Name: 160401663 DB - 1.dwg

Permit-Seal

Client/Project BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title EROSION CONTROL PLAN AND DETAIL SHEET

Project No. Scale 160401663 Revision Drawing No.

5 of 7

ORIGINAL SHEET - ARCH D