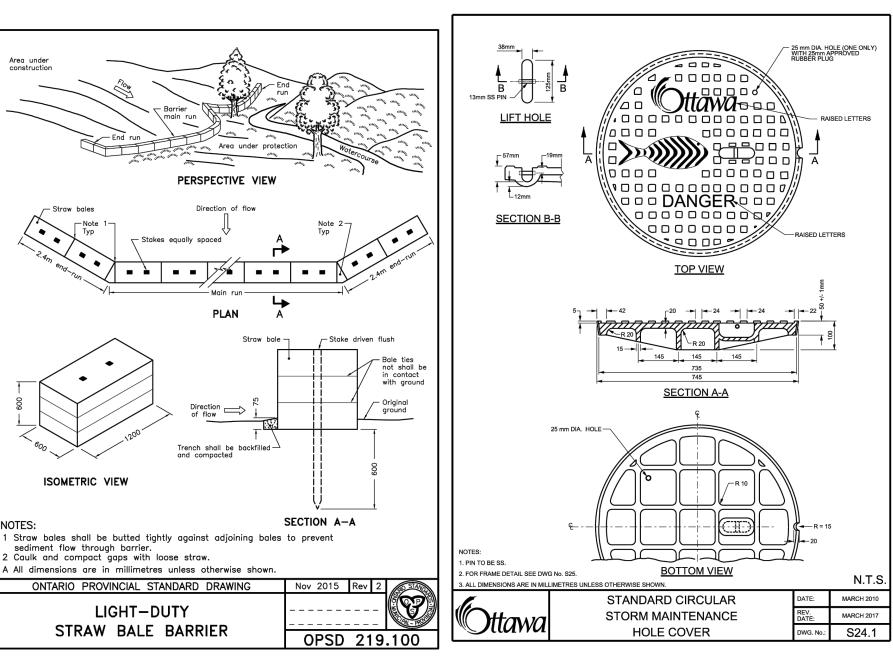


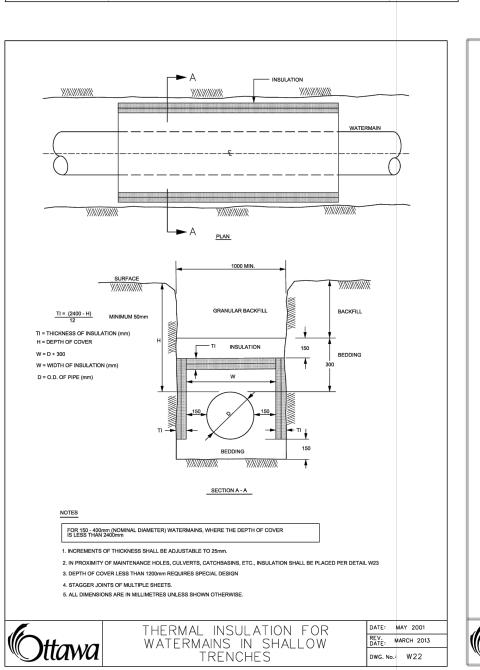
ISOMETRIC VIEW

DATE: MAR 2015

REV: FEB 2025

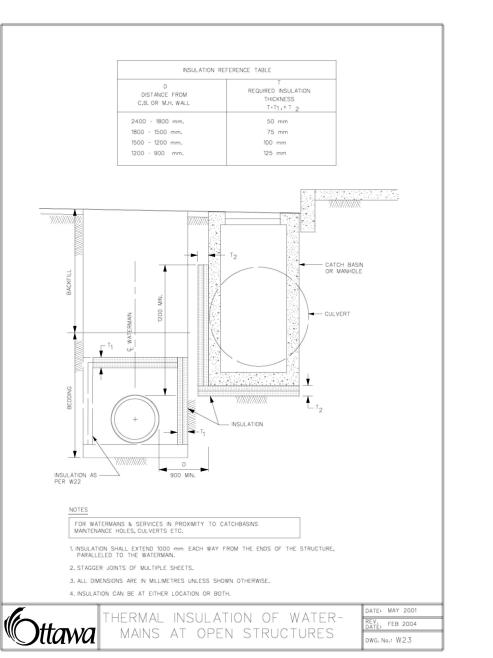
DWG No: SC7.3

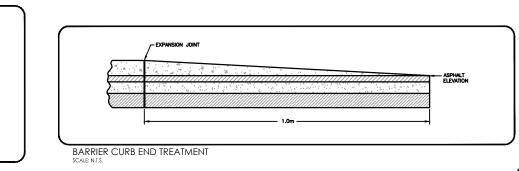




TITLE: CONCRETE BARRIER CURB FOR

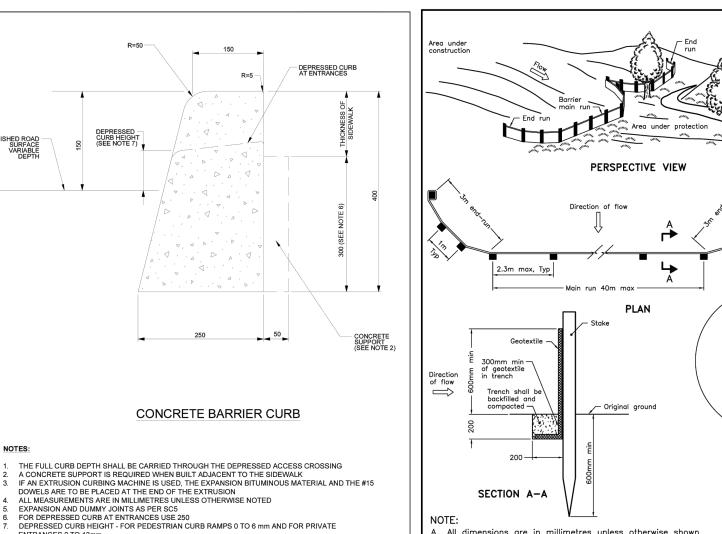
GRANULAR BASE PAVEMENT



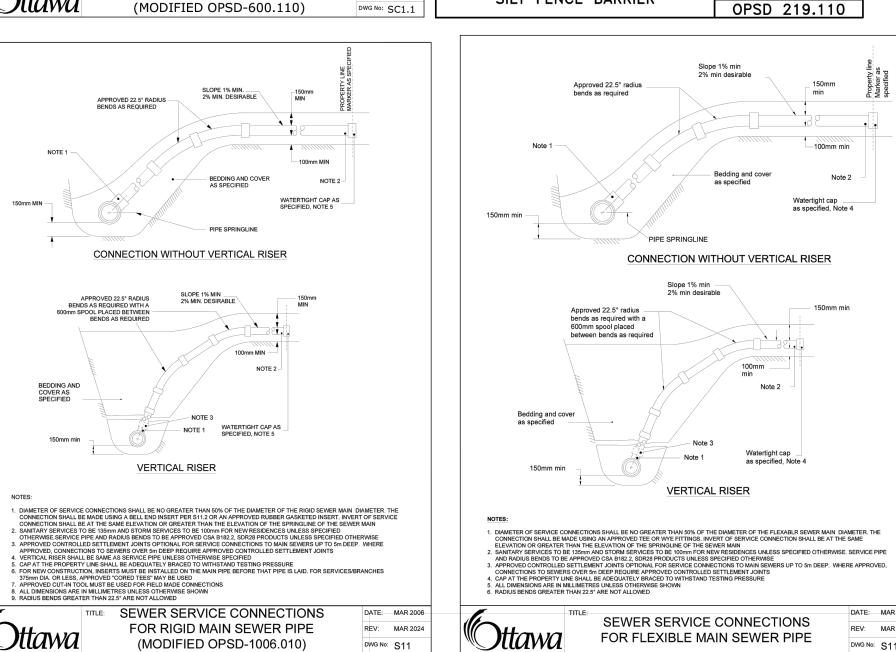


JOINT DETAIL

REV: MAR 2024



REV: MAR 2025

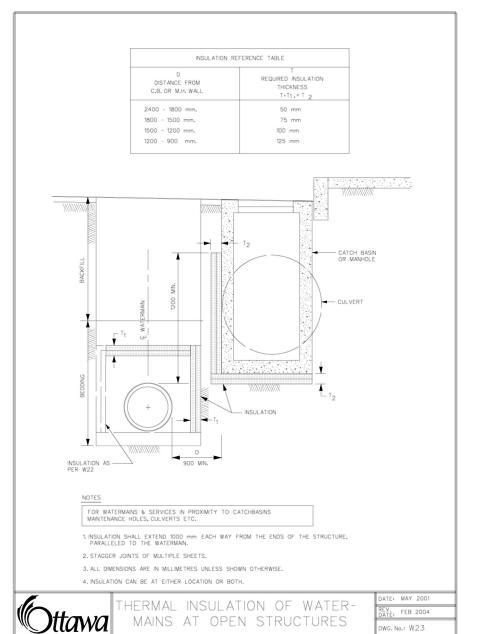


A All dimensions are in millimetres unless otherwise shown

LIGHT-DUTY

SILT FENCE BARRIER

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2021 Rev 3





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TYPICAL SECTION - TRANSITION BETWEEN DIFFERING PAVEMENT STRUCTURES

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 CATCH BASIN PROTECTION AS PER TERRAFIX SILTSACK DETAIL PROPOSED MUD MAT LOCATION

> > PROPOSED VALVE BOX PROPOSED VALVE CHAMBER PROPOSED FIRE HYDRANT PROPOSED SANITARY SEWER MANHOLE PROPOSED STORM SEWER MANHOLE

PROPOSED CATCHBASIN PROPOSED STRAW BALE. OPSD 219.100

Best Management Practices CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING

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.

CONSTRUCTION OF THIS PROJECT.

26.4 6 97.8

DWG No: R10

STANDARD TRENCH REINSTATEMENT

IN PAVED SURFACE

SECTION A - A

WATERMAIN CROSSING

OVER SEWER

PLAN

Note 1

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2019 Rev 4

ø1200 --

SECTION B-B

LEGEND:

L = Standard length of pipe (2440mm minimum)

Balance of maintenance hole according to OPSD 701.010

FOR WATERMAIN 100mm (NOMINAL) TO 400mm (NOMINAL)

Ottawa

Steps according to OPSD 405.010 or 405.020

SECTION A-A

Sewer pipe shall be according to CAN/CSA A257.2,

class to match that of the higher class adjacent pipe.

All dimensions are in millimetres unless otherwise shown.

PRECAST CONCRETE MAINTENANCE

HOLE MANUFACTURED TEE

Bedding for MH tee to match pipe bedding either side of tee.

Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole tee.

Minimum steel in connection shall equal area of steel in pipe.

Structures exceeding 5.0m in depth shall include safety platform according to OPSD 404.020.

All dimensions are nominal.

BARREL TO BARREL SEPARATION (D) SHALL BE 250mm MINIMUM.
 THRUST BLOCKS FOR MAINS LARGER THAN 400mm (NOMINAL) SHALL BE PER SPECIAL DESIGN.
 TORS 30mm (NOMINAL) AND 40mm (NOMINAL) MANDS, BENDS SHALL BE MAX. 22° 30°.
 4. CONCRETE FOR THRUST BLOCKS SHALL BE 200 MP.
 REPER TO WAS FOR RESTRANDE LENGTH REQUIREMENTS.
 8. REPER TO WAS A FOR NESTRANDE LENGTH RECOUREMENTS.
 7. ALL DIMENSIONS ARE NI MILLIARTERS BLALESS SHOWN OTHERWISE.

GRANULAR BEDDING

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 SITE.

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 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 CONTRACT ADMINISTRATOR.

THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR,

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.

3. CONTRACTOR SHALL INSTALL MUD MATS AT BOTH ENTRANCES TO THE SITE.

14. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH. 15. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ROADS FREE OF MUD AND DEBRIS AT ALL TIMES

REVISED PER CITY COMPLETENESS REVIEW COMMENTS WAJ SGG 25.09.16 JP AMP 25.07.29 By Appd. YY.MM.DD
 JP
 AMP
 JP
 25.06.13

 Dwn.
 Chkd.
 Dsgn.
 YY.MM.DD
 File Name: 160402165-DB.dwa

Permit-Seal

DATE: MAY 2001

REV. MARCH 2021

Client/Project RICHCRAFT HOMES

> KANATA WEST - BLOCK 1 815 ROGER GRIFFITHS AVENUE OTTAWA, ON

EROSION CONTROL PLAN AND DETAIL SHEET

Project No. **AS NOTED** 160402165 Revision Drawing No.

5 of 7

Ittawa ORIGINAL SHEET - ARCH D

A-A

B-B

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

3. JOINTS SHALL BE CONSTRUCTED TRANSVERSELY ACROSS THE SIDEWALK, PERPENDICULAR TO THE FACE OF CURB FOR SIDEWALK

4. WHEN JOINTS ARE CONSTRUCTED ADJACENT TO TWSI'S, THE JOINTS SHALL EXTEND FROM THE BACK CORNERS OF THE OUTSIDE TWSI PLATES TO THE BACK OF SIDEWALK, OR TERMINATE AT AN ADJACENT JOINT 5. THE TERMINATION OF THE JOINTS AT BOTH THE FRONT AND BACK OF SIDEWALK SHALL BE NO LESS THAN 600mm APART

4. JOINTS IN ALL CONCRETE ELEMENTS SHALL BE AUD OUT TO ENDURE THAT NO BIDWINDIAL BESULTING.

600mm APART JOINTS IN ALL CONCRETE ELEMENTS SHALL BE LAID OUT TO ENSURE THAT NO INDIVIDUAL RESULTING CONCRETE PANEL IS LESS THAN 0.5m² OR GREATER THAN 6m²

TWSI DETAIL

6mm **⊸**