

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

PERESSED CURR HEIGHT - FOR PEDESTRIAN CURR RAMPS 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 25mm

CONCRETE BARRIER CURB

WITH SIDEWALK

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

DATE: JANUARY 2003

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

(PANSION AND DUMMY JOINTS AS PER SC5.

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

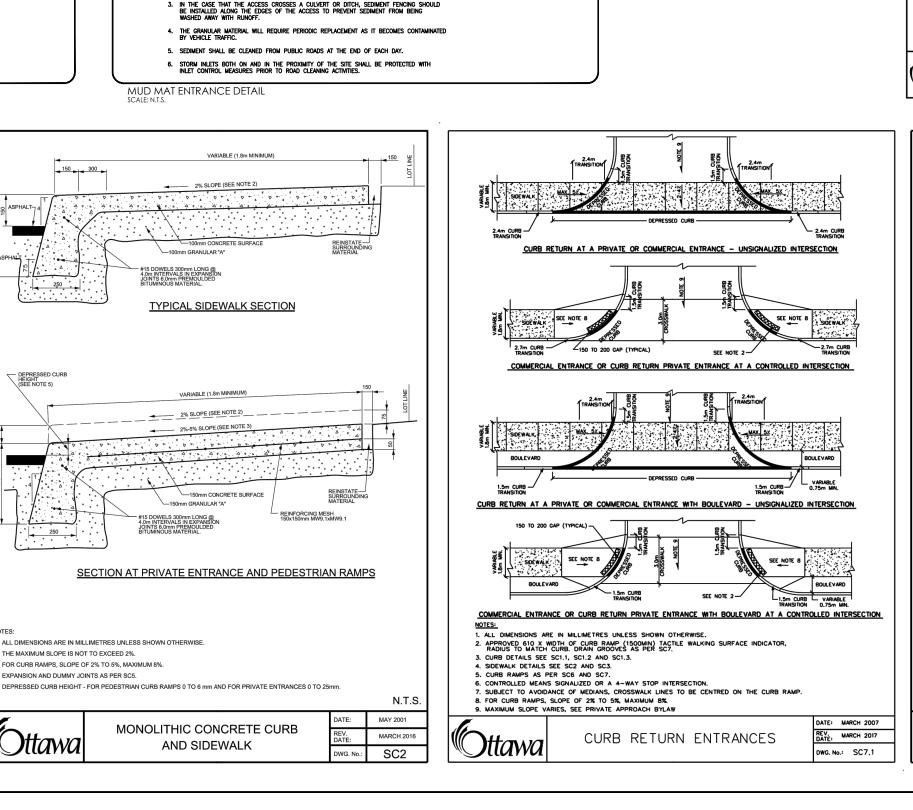
AND SIDEWALK

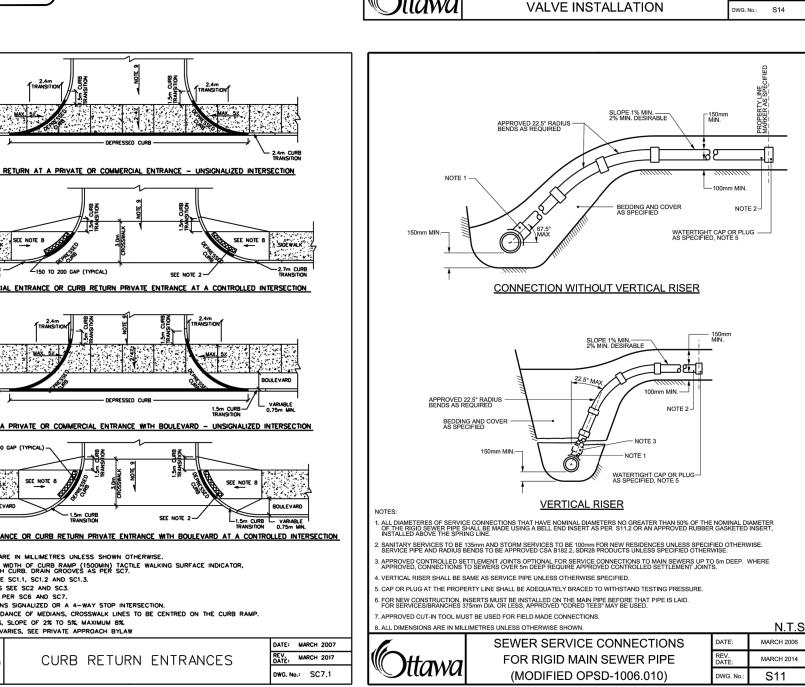
2. THE MAXIMUM SLOPE IS NOT TO EXCEED 2%.

I. EXPANSION AND DUMMY JOINTS AS PER SC5.

N.T.S

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





TI = (2400 - H) MINIMUM 50mm

TI INSULATION

SECTION A - A

2. IN PROXIMITY OF MAINTENANCE HOLES, CULVERTS, CATCHBASINS, ETC., INSULATION SHALL BE PLACED PER DETAIL W23

THERMAL INSULATION FOR

WATERMAINS IN SHALLOW

TRENCHES

EV. MARCH 2013

CONCRETE FOOTING

COMPONENTS GENERALLY LOCATED ALONG FRONT SIDE OF HOUSE

___ FLAP

STORM BACKWATER VALVE

FOUNDATION DRAIN BACKWATER

BACKWATER VALVE, CLEAN-OUTS AND ANY OTHER FITTINGS MUST BE INSTALLED A MINIMUM OF 300mm INSIDE OF THE BASEMENT FOOTING. THIS IS TO ENSURE THERE IS SUFFICIENT ROOM TO REPLACE THESE COMPONENTS IN THE FUTURE WITHOUT HAVING TO DAMAGE THE FOOTING/WALL DURING THE PROCESS

JOINTS BETWEEN THE SLEEVE AND THE BACKWATER VALVE AND THE FLOOR SHALL BE WATERTIGHT.

STORM BACKWATER VALVE

FOR 150 - 400mm (NOMINAL DIAMETER) WATERMAINS, WHERE THE DEPTH OF COVER IS LESS THAN 2400mm

1. INCREMENTS OF THICKNESS SHALL BE ADJUSTABLE TO 25mm.

3. DEPTH OF COVER LESS THAN 1200mm REQUIRES SPECIAL DESIGN

5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

TI = THICKNESS OF INSULATION (mm)

W = WIDTH OF INSULATION (mm)

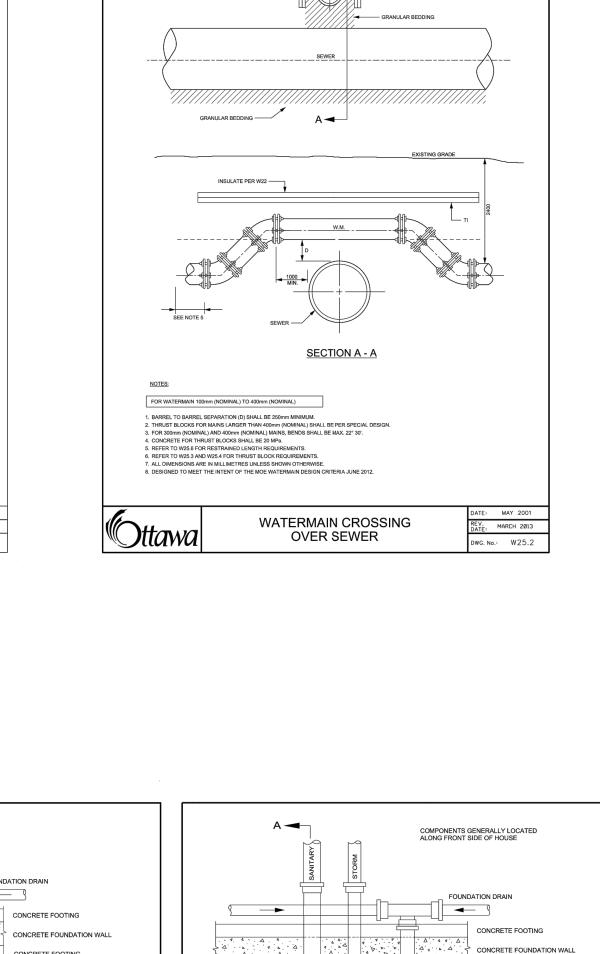
H = DEPTH OF COVER

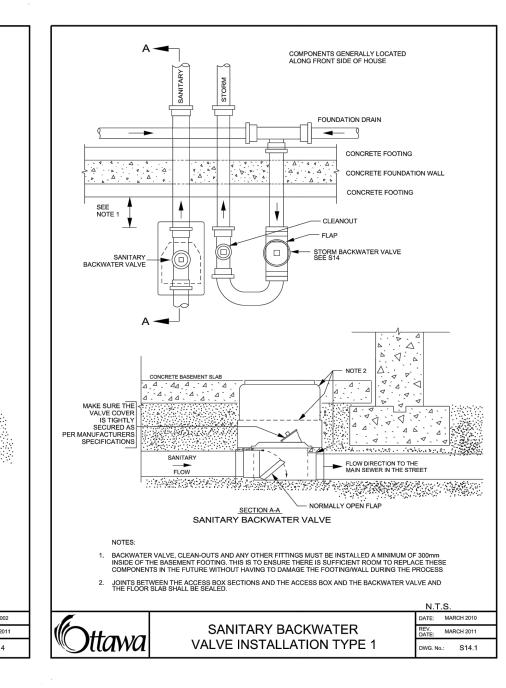
D = O.D. OF PIPE (mm)

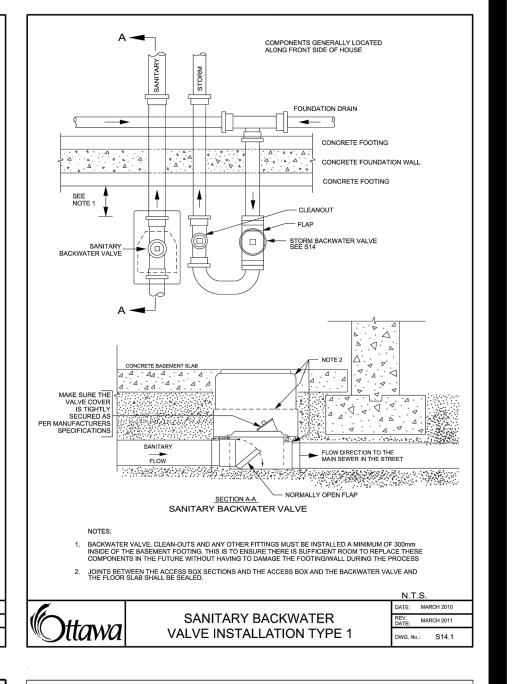
W = D + 300

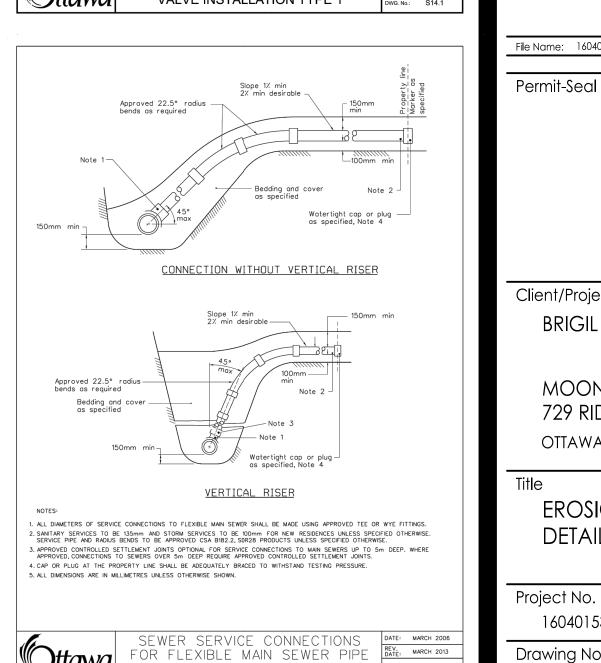
FULL DEPTH KEY

EXISTING GRANULAR 'A'









(MODIFIED OPSD-1006.020)



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PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110



PROPOSED CATCH BASIN PROTECTION AS PER 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. 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.
- REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
- 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 WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) LINI ESS 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
- THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.

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

ISSUED FOR SPA 21.06.09 M IS AMP Revision By Appd. YY.MM.DD

 MJS
 AMP
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 21.06.01

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 Chkd.
 Dsgn.
 YY.MM.DD
File Name: 160401536 DB.DWG

Permit-Seal

Client/Project **BRIGIL HOMES**

> MOONEY'S BAY 729 RIDGEWOOD AVENUE OTTAWA, ON, CANADA

EROSION CONTROL PLAN AND **DETAIL SHEET**

Scale 160401536 Revision Drawing No.

PLAN #

ORIGINAL SHEET - ARCH D

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

5. DUMMY JOINTS SHALL BE 25mm DEEP, FRONT, BACK AND TOP OF SECTION AT 2m SPACING.

), 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.

CONCRETE BARRIER CURB

FOR GRANULAR BASE PAVEMENT

(MODIFIED OPSD-600.110)

A CONCRETE SUPPORT IS REQUIRED WHEN BUILT ADJACENT TO THE SIDEWALK.

4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

DEPRESSED CURB HEIGHT - FOR PEDESTRIAN CURB RAN