

COMPONENTS GENERALLY LOCATED ALONG FRONT SIDE OF HOUSE

CONCRETE FOUNDATION WALL

NORMALLY OPEN FLAP

SANITARY BACKWATER VALVE

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

2. JOINTS BETWEEN THE ACCESS BOX SECTIONS AND THE ACCESS BOX AND THE BACKWATER VALVE AND THE FLOOR SLAB SHALL BE SEALED.

SANITARY BACKWATER

VALVE INSTALLATION TYPE 1

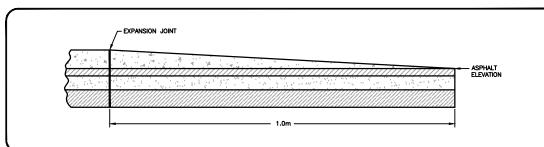


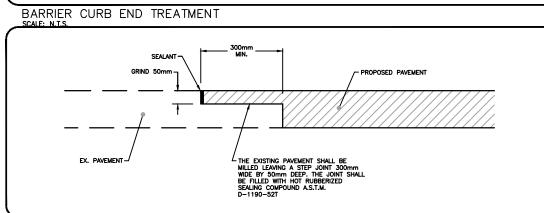
ANDREW MCCREIGHT

MANAGER (A), DEVELOPMENT REVIEW CENTRAL PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT **DEPARTMENT, CITY OF OTTAWA**

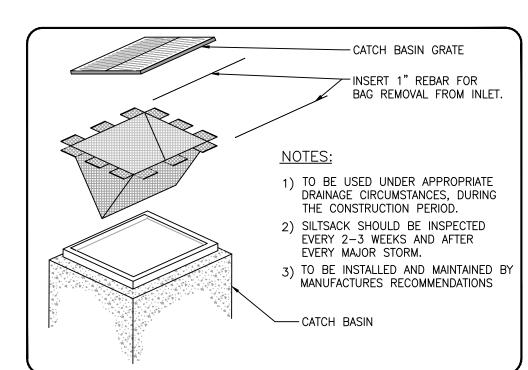
APPROVED

By Andrew McCreight at 12:49 pm, Aug 09, 2022

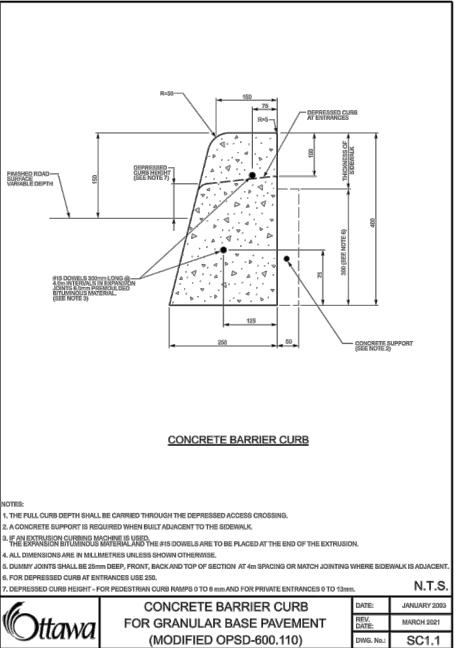




MEDIAN/STEP JOINT DETAIL



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



Note 2

150mm min

CONNECTION WITHOUT VERTICAL RISER

VERTICAL RISER

(MODIFIED OPSD-1006.020)

SEWER SERVICE CONNECTIONS
FOR FLEXIBLE MAIN SEWER PIPE

DATE: MARCH 2006

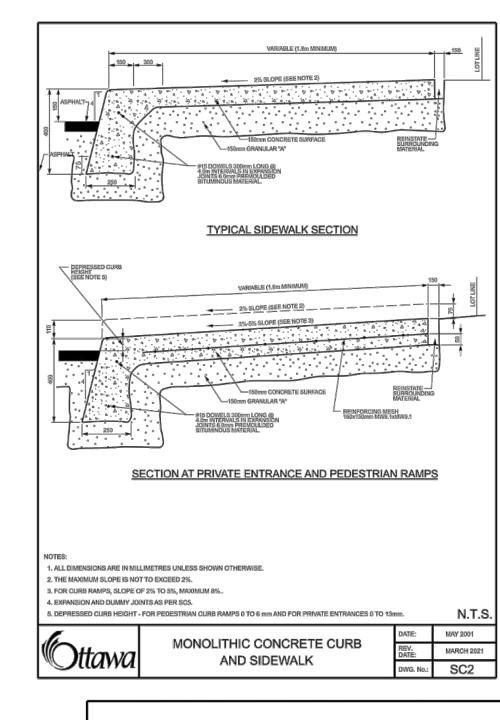
REV. DATE: MARCH 2013

DATE: MARCH 2013

SANITARY SERVICES TO BE 135mm AND STORM SERVICES TO BE 100mm FOR NEW RESIDENCES UNLESS SPECIFIED OTHERWISE.
 SERVICE PIPE AND RADIUS BENDS TO BE APPROVED CSA B182.2, SDR28 PRODUCTS UNLESS SPECIFIED OTHERWISE.

3. APPROVED CONTROLLED SETTLEMENT JOINTS OPTIONAL FOR SERVICE CONNECTIONS TO MAIN SEWERS UP TO 5m DEEP. WHERE APPROVED, CONNECTIONS TO SEWERS OVER 5m DEEP REQUIRE APPROVED CONTROLLED SETTLEMENT JOINTS.

4. CAP OR PLUG AT THE PROPERTY LINE SHALL BE ADEQUATELY BRACED TO WITHSTAND TESTING PRESSURE.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.



SECTION A - A

WATERMAIN CROSSING

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

BARREL TO INVERT SEPARATION (D) SHALL BE 500mm MINIMUM.

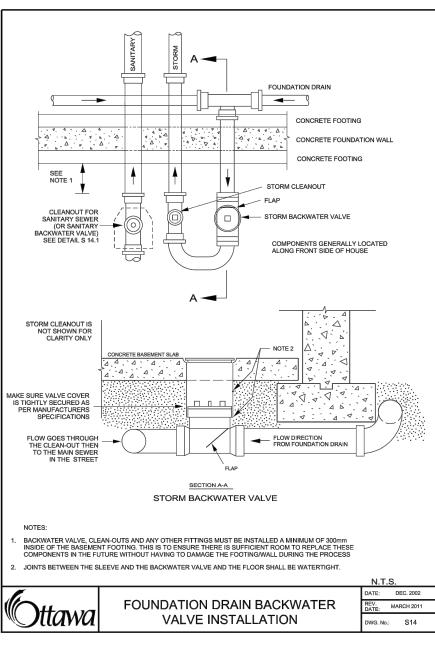
Ottawa

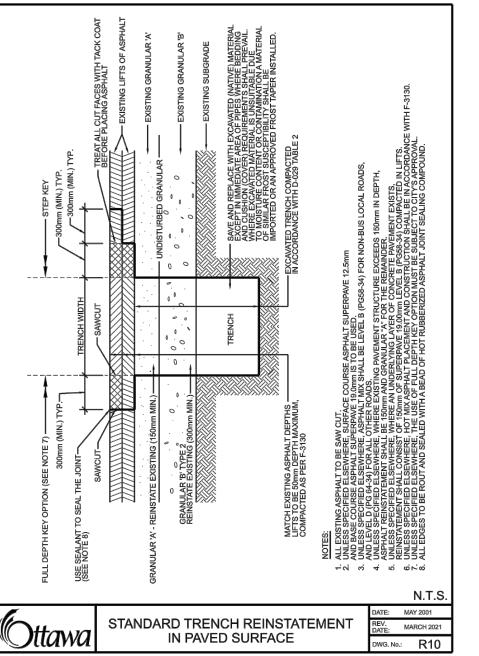
2. THRUST BLOCKIS FOR MAINS LANGER THAN 4000 MININLIS SHALL BE PER SPECIAL DESIGN.

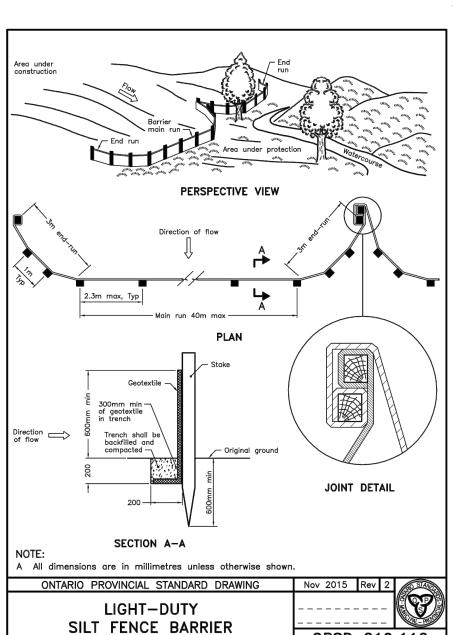
3. FOR 300mm (NOMINAL) AND 400mm (NOMINAL) MAINS, BENDS SHALL BE MAX. 22° 30'.

4. CONCRETE FOR THRUST BLOCKS SHALL BE 20 MINE, BENDS SHALL BE MAX. 22° 30'.

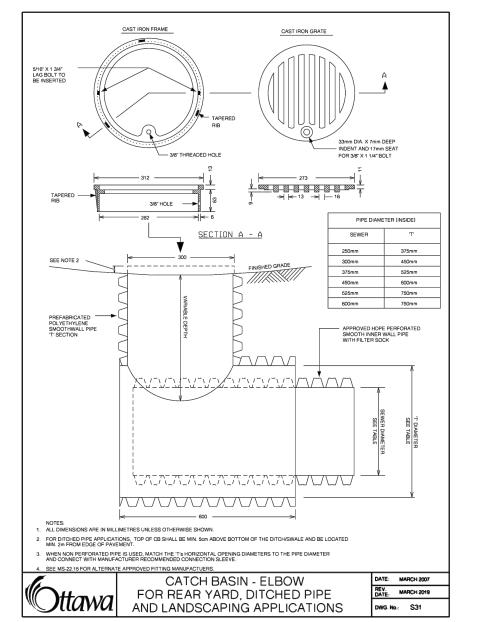
5. REFER TO W256 FOR RESTRAINED LENGTH REGUIREMENTS.







OPSD 219.110





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PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110

authorized by Stantec is forbidden.

PROPOSED CATCH BASIN PROTECTION AS PER TERRAFIX SILTSACK DETAIL

PROPERTY LINE

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.
- MINIMIZE AREA TO BE CLEARED AND GRUBBED.

OR DOWNSTREAM WATERCOURSES.

ADMINISTRATOR.

- 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,
- 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 WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT
- THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS
- 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.
- THE CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS FREE AND CLEAN FROM MUD

2 REVISED AS PER CITY COMMENTS	WAJ	KJK	22.04.12
1 ISSUED FOR REVIEW	DW	KJK	21.12.22
Revision	Ву	Appd.	YY.MM.DD

KJK DW 21.12.09 Dwn. Chkd. Dsgn. YY.MM.DD Permit-Seal

Client/Project

VIKA LAND DEVELOPMENT GROUP INC. 2727 GRAND VISTA CR. OTTAWA, ON, K2J 0W5

NEW APARTMENT BUILDING 138 FORWARD AVENUE OTTAWA, ONTARIO

EROSION CONTROL PLAN

AND DETAIL SHEET

Project No. 160401680 Drawing No. Revision

Approved 22.5° radius — bends as required

PLAN # 18652