

STANDARD TRENCH REINSTATMENT

IN PAVED SURFACE

REV. MARCH 2017

DWG. No.: R10

Trench shall b

SECTION A-A

SILT FENCE BARRIER

25mm ± 10mm DROP CURB

<u>PROFILE</u>

50mm . 50mm . 5 Min.

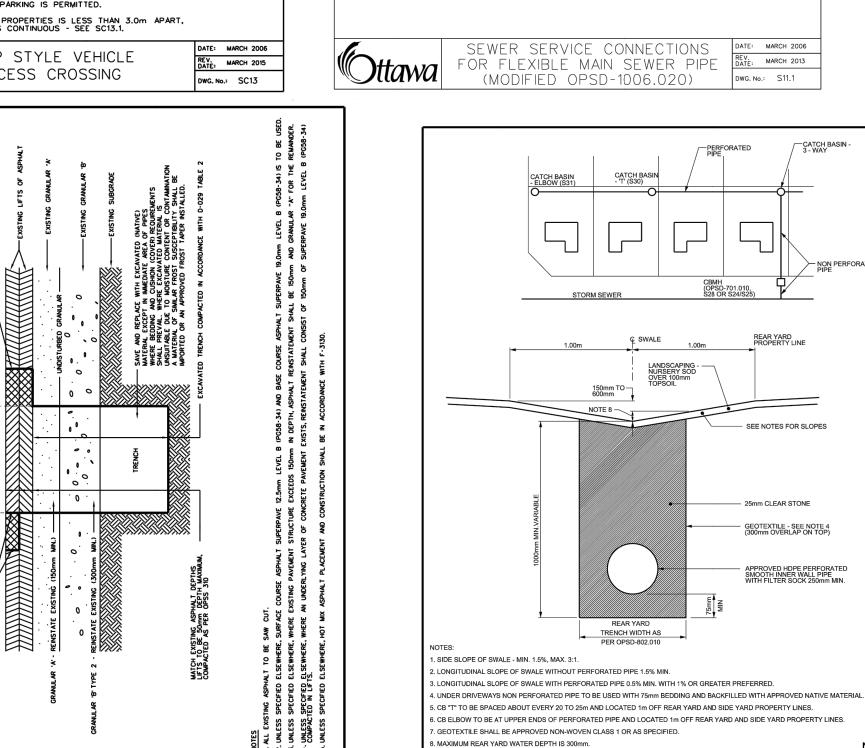
1.05m MIN. PEDESTRIAN PLATFORM

MONLITHIC CONCRETE SIDEWALK—

JOINT DETAIL

OPSD 219.110

EDGE OF ASPHALT



Bedding and cover

CONNECTION WITHOUT VERTICAL RISER

___ Note 3

PERFORATED PIPE INSTALLATION

FOR REAR YARD AND

LANDSCAPING APPLICATIONS

S29

VERTICAL RISER

Note 2

Watertight cap or plug — as specified, Note 4



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PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110

PROPOSED CATCHBASIN PROTECTION

Best Management Practices

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.

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.
- 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.
- STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES

A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY

- 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. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.
- 14. THE CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS FREE AND CLEAN FROM

		<u> </u>		
2 REVISI	ED AS PER CITY COMMENTS	WJ	KK	20.02.12
1 ISSUED) FOR SITE PLAN APPROVAL	M1	KK	18.05.07
Revision		Ву	Appd.	YY.MM.DD

File Name: 160401351-DB

MUD OR DEBRIS.

Permit-Seal



WJ 18.03.06

Dwn. Chkd. Dsgn. YY.MM.DD

Client/Project

TC UNITED GROUP 800 INDUSTRIAL AVENUE

APARTMENT BUILDING 105-109 HENDERSON AVENUE OTTAWA, ONTARIO

EROSION CONTROL PLAN AND DETAIL SHEET

Scale Project No. AS NOTED 160401351 Drawing No. Revision

ORIGINAL SHEET - ARCH D

APPROVED 22.5° RADIUS BENDS AS REQUIRED

BEDDING AND COVER AS SPECIFIED

I. VERTICAL RISER SHALL BE SAME AS SERVICE PIPE UNLESS OTHERWISE SPECIFIED.

7. APPROVED CUT-IN TOOL MUST BE USED FOR FIELD MADE CONNECTIONS.

5. CAP OR PLUG AT THE PROPERTY LINE SHALL BE ADEQUATELY BRACED TO WITHSTAND TESTING PRESSURE

S. FOR NEW CONSTRUCTION, INSERTS MUST BE INSTALLED ON THE MAIN PIPE BEFORE THAT PIPE IS LAID. FOR SERVICES/BRANCHES 375mm DIA. OR LESS, APPROVED "CORED TEES" MAY BE USED.

VERTICAL RISER

ALL DIAMETERES OF SERVICE CONNECTIONS THAT HAVE NOMINAL DIAMETERS NO GREATER THAN 50% OF THE NOMINAL DIAMETER
OF THE RIGID SWERP PIPE SHALL BE MADE USING A BELL END INSERT AS PER \$11.2 OR AN APPROVED RUBBER GASKETED INSERT,
INSTALLED ABOVE THE SPRING LINE.

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.

SEWER SERVICE CONNECTIONS

FOR RIGID MAIN SEWER PIPE

(MODIFIED OPSD-1006.010)

MARCH 2006

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.

#18037