

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

FOUNDATION DRAIN BACKWATER

VALVE INSTALLATION

SECTION A-A

STANDARD CIRCULAR FRAME

FOR MAINTENANCE HOLES

DATE: MAY 2001
REV. MARCH 2019

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PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110 PROPOSED CATCH BASIN PROTECTION AS PER FLEX

STORM INLET FILTERS DETAIL.

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 MUD MAT LOCATION

PROPOSED STORM SEWER MANHOLE

PROPOSED CATCHBASIN

**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:

- 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) 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, 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 MFASURES. INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES. SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.
- CONTRACTOR SHALL INSTALL MUD MATS AT ALL CONSTRUCTION ENTRANCES TO THE SITE.

CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS CLEAN FROM MUD AND DEBRIS.

STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.

PM 25.11.03 ISSUED FOR CITY REVIEW JP PM 25.07.04 PM 25.04.04 ISSUED FOR CITY REVIEW By Appd. YY.MM.DD Revision

File Name: 160402127-DB

Permit-Seal

2. JOINTS BETWEEN CLEANOUT AND THE BACKWATER VALVE AND THE FLOOR SLAB SHALL BE SEALED.

SANITARY BACKWATER

VALVE INSTALLATION TYPE 2

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



 JP
 PM
 JP
 25.03.24

 Dwn.
 Chkd.
 Dsgn.
 YY.MM.DD

Client/Project MATTAMY HOMES

> WATERIDGE VILLAGE BLOCK 105

OTTAWA, ON, CANADA

**EROSION CONTROL PLAN** AND DETAIL SHEET

Project No. 160402127 Revision Drawing No.

1. PIN TO BE SS.

FOR FRAME DETAIL SEE DWG No. S25.

BOTTOM VIEW

STANDARD CIRCULAR

SANITARY & COMBINED

MAINTENANCE HOLE COVER

1. PIN TO BE SS.

N.T.S.

. FOR FRAME DETAIL SEE DWG No. S25.

BOTTOM VIEW

STANDARD CIRCULAR

STORM MAINTENANCE

HOLE COVER

N.T.S.