

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

FOUNDATION DRAIN BACKWATER

VALVE INSTALLATION

DATE: MAY 2001
REV. MARCH 2019

STANDARD CIRCULAR FRAME

FOR MAINTENANCE HOLES

( MODIFIED OPSD-401.020 )

CIRCULAR CHAMBER

GATE VALVES

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

A All dimensions are in millimetres unless otherwise shown.

LIGHT-DUTY

STRAW BALE BARRIER

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to The Copyrights to all designs and drawings are the property of

> PROPOSED CATCH BASIN MH PROTECTION AS PER FLEX STORM INLET FILTERS DETAIL.

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 WATTS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM

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

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:

- PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
- 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
- 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
- NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
- CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLEY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE
- 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
- MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.
- 13. CONTRACTOR SHALL INSTALL MUD MATS AT ENTRANCE TO THE SITE.
- 14. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.

PM 25.05.30 PM 25.04.14 PM 25.02.12 JP PM 24.11.28 PM 24.03.28

By Appd. YY.MM.DD

 JP
 DT
 JP
 24.02.28

 Dwn.
 Chkd.
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 YY.MM.DD

WINDMILL DEVELOPMENT GROUP LTD.

EROSION CONTROL AND

Project No. 160401689	Scale AS SHOWN		<b> </b>  -0161
Drawing No.	Sheet	Revision	  2-24
ECDS-1	8 of 12	5	D07-1

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

INSULATION FOR SHALLOW SEWERS