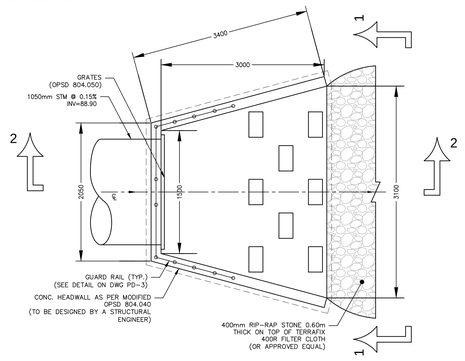
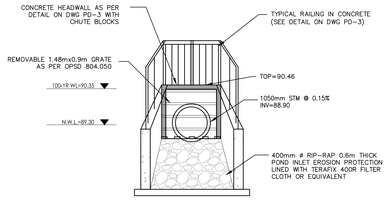
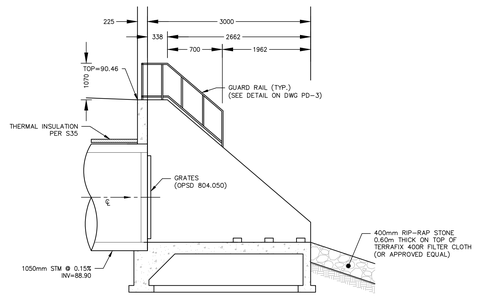
INLET DETAILS



INLET HWL1
PLAN VIEW
SCALE: N.T.S.

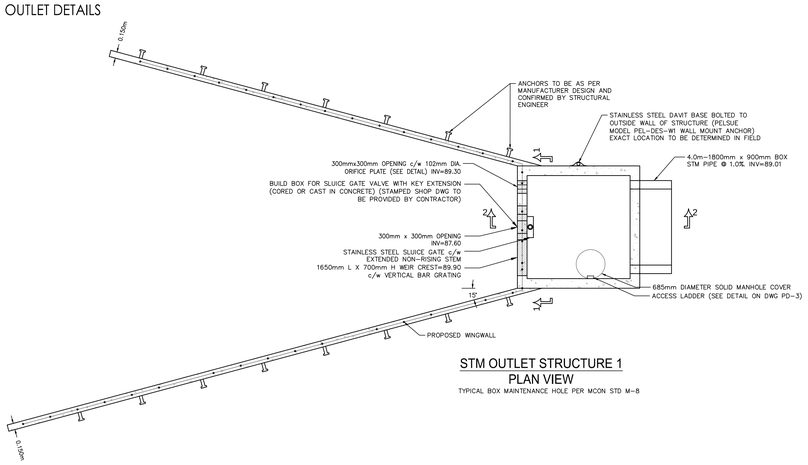


INLET HWL1
SECTION 1 - FRONT VIEW
(SEE STRUCTURAL DRAWINGS FOR DETAILS)
SCALE: N.T.S.

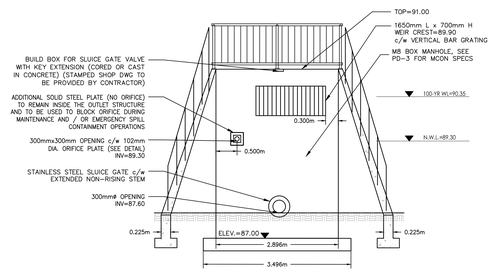


INLET HWL1
SECTION 2 - SIDE VIEW
(SEE STRUCTURAL DRAWINGS FOR DETAILS)
SCALE: N.T.S.

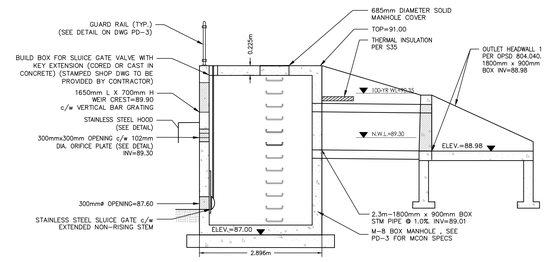
OUTLET DETAILS



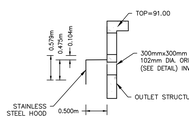
STM OUTLET STRUCTURE 1
PLAN VIEW
TYPICAL BOX MAINTENANCE HOLE PER MCON STD M-8

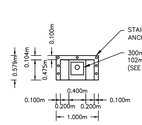


STM OUTLET STRUCTURE 1
SECTION 1 - FRONT VIEW

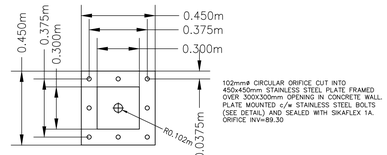


STM OUTLET STRUCTURE 1
SECTION 2 - SIDE VIEW



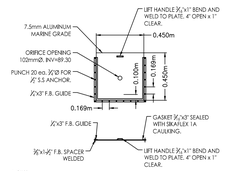


STAINLESS STEEL DEBRIS HOOD
REFER TO STRUCTURAL DWGS FOR DETAILS



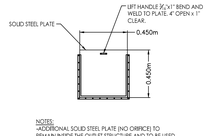
102mmø CIRCULAR ORIFICE CUT INTO
450x450mm STAINLESS STEEL PLATE FRAMED
OVER 300X300mm OPENING IN CONCRETE WALL.
PLATE MOUNTED c/w STAINLESS STEEL BOLTS
(SEE DETAIL) AND SEALED WITH SIKAFLEX 1A.
ORIFICE INV=89.30

PLATE MOUNT 102mmØ ORIFICE DETAIL
N.T.S.



NOTES:
-ALUMINUM 606116
-WELDING ACCORDING TO CSA W59-M1989
-GASKET BACKING 1/2"x3" NEOPRENE GASKET

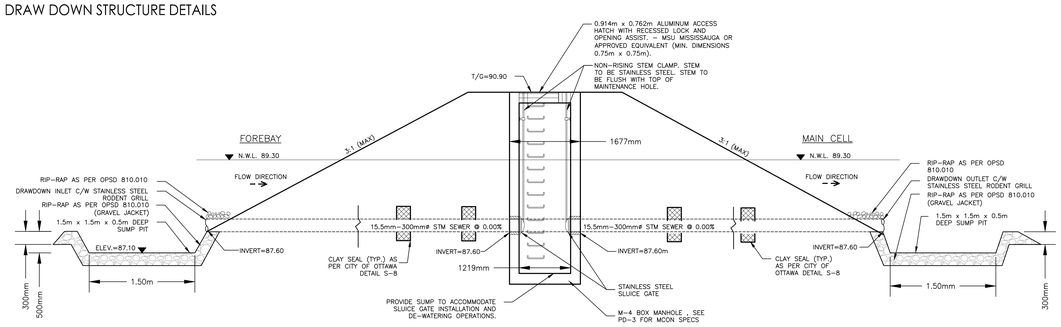
PLATE MOUNT 102mmØ
ORIFICE BOLT DETAIL
N.T.S.



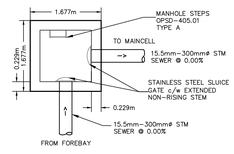
NOTES:
-ADDITIONAL SOLID STEEL PLATE (NO ORIFICE) TO
REMAIN INSIDE THE OUTLET STRUCTURE AND TO BE USED
TO BLOCK ORIFICE DURING MAINTENANCE AND / OR
EMERGENCY SPILL CONTAINMENT OPERATIONS
-GASKET BACKING 1/2"x3" NEOPRENE GASKET

STEEL PLATE COVER
N.T.S.

DRAW DOWN STRUCTURE DETAILS

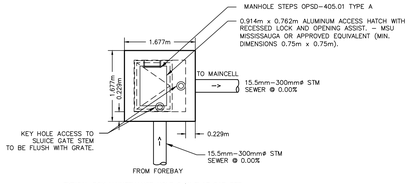


STORM POND DRAW DOWN STRUCTURE
DETAIL SECTION



TYPICAL BOX MAINTENANCE HOLE C/W FLAT CAP
PER MCON STD M-4.

STORM POND DRAW DOWN STRUCTURE
PLAN VIEW INTERNAL



TYPICAL BOX MAINTENANCE HOLE C/W FLAT CAP PER
MCON STD M-4.

STORM POND DRAW DOWN STRUCTURE
PLAN VIEW EXTERNAL

Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec before proceeding.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend

Notes

0	ISSUED FOR REVIEW	MJS	PM 25.08.22
Revision		By	Appd. YY.MM.DD
File Name: 160402138 DB.dwg		MJS	DF 25.07.03
		Dwn.	Chkd. Dsgn. YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
PAMROZ
90450552
2025-08-22
PROVINCE OF ONTARIO

Client/Project
W.O. Stinson & Son Ltd.
Albion Road Property

VEHICLE YARD SERVICE BUILDING
301 SOMME STREET
OTTAWA, ON, CANADA

Title
POND DETAILS

Project No.	Scale	
160402138	1:500	0 5 15 25m
Drawing No.	Sheet	Revision
PD-2	8 of 9	0

\\ST-OAK-cifs-fs1\160402138\design\drawings\160402138 DB.dwg
2025-08-22 7:49 AM By: Shady Abdo

ORIGINAL SHEET - ARCH E