



1. TOTAL DISSOLVED GAS DETECTOR TO BE MOUNTED TO CEILING AT THIS POINT. SEE DWG E1.
2. TOTAL DISSOLVED GAS DETECTOR TO BE MOUNTED AT A POINT ACCESSIBLE FROM THE WINDOW INTO THE TANK. TOTAL DISSOLVED GAS DETECTOR TO BE 20% ABOVE LEVEL ONE HALF CISTERN OF THE RESERVOIR. MOUNTING TO BE A 316 STAINLESS STEEL CYCLE WITH A 316 STAINLESS STEEL CHAIN HANGING IN THE RESERVOIR.
3. CONCRETE TO CONFORM TO CAS A231-09/CSA A232-09 WITH MINIMUM COMPRESSIVE STRENGTH f_{cm} = 35 MPa AT 28 DAYS, EXPOSURE CLASS C-1, MAXIMUM WATER CEMENT RATIO 0.4, 6% ± 1% ENTRAINED AIR.
4. 25mm FIBERGLASS GRATING TO BE INSTALLED. ENTIRE CURBED AREA TO BE GRATED. FIBERGLASS GRATING TO BE INSTALLED 9mm ABOVE FLOOR TO ENHANCE DRAINAGE.
5. 300mm DRAIN WITH 316 STAINLESS STEEL GRATE ON TOP.
6. LEVEL DETECTOR SWITCH TO BE INSTALLED ALONG CURB.
7. THIS DRAWING IS BASED ON THE AS-BUILT DRAWING SUPPLIED TO SU BY DFO AND PWOSC. ANY INCONSISTENCIES ARE TO BE REPORTED TO THE STAMPING ENGINEER IN WRITING.
8. REINFORCING STEEL TO BE NEW BILLET STEEL TO CSA G30.18-2009 GRADE 400. PROVIDE 50mm MINIMUM CONCRETE COVER TO ALL REINFORCING STEEL.
9. CONCRETE FORMWORK TO CONFORM TO CSA S269.3-M20.
10. ALL STAINLESS STEEL (WHERE SPECIFIED AND REQUIRED) SHALL BE GRADE 316.
11. PVC PIPE TO BE INSTALLED FROM DRAINS TO SEAWATER BYPASS DRAIN AREA. PIPE SHALL CONNECT BOTH DRAINS AND EXTEND TO BOTTOM OF SEAWATER BYPASS DRAIN AREA AS SHOWN. PIPE SHALL BE 300mm PVC. NEW DRAINS TO BE MADE FROM OLD DRAIN MOLDS BY ENLARGEMENT. EXISTING DRAIN PIPE TO BE DISMANTLED.
12. COATED CURBED AREA TO BE PAINTED TO MATCH AREA AROUND IT. COLOUR TO BE APPROVED BY OWNER.



project

SALTWATER SUPPLY
SYSTEM REPAIRS
NORTH ATLANTIC
FISHERIES CENTRE
ST. JOHN'S, NL

DEGASSER BUILDING
UPGRADE

designer	C.F.	
date	2013-08-09	
drawn	E.R.	designed
size	2013-08-28	
approved	N.L.	approved
date		
founder		signature
G.M.	<i>Handwritten signature</i>	<i>Handwritten signature</i>
PROJECT	Architectural design	Architectural design
project number		no. du projet
R.058758.001		
drawing no.	C3	no. du dessin