

PROFESSIONAL
J. GAVIN
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ISSUE FOR TENDER JAN 23 2019
PREVIOUSLY ISSUED FOR TENDER

revisions	date
A	A detail no. no. du detail
B	B location drawing no. sur dessin no.
C	C drawing no. dessin no.

project
**FISHERIES AND OCEANS CANADA
REAL PROPERTY,
SAFETY AND SECURITY
DUAL CONCRETE FLOAT
MODULE 52.44 m x 8.537m**

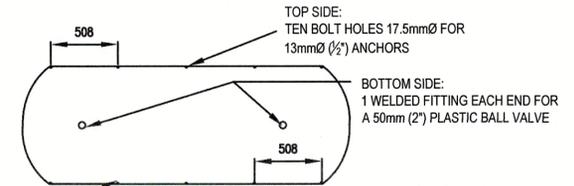
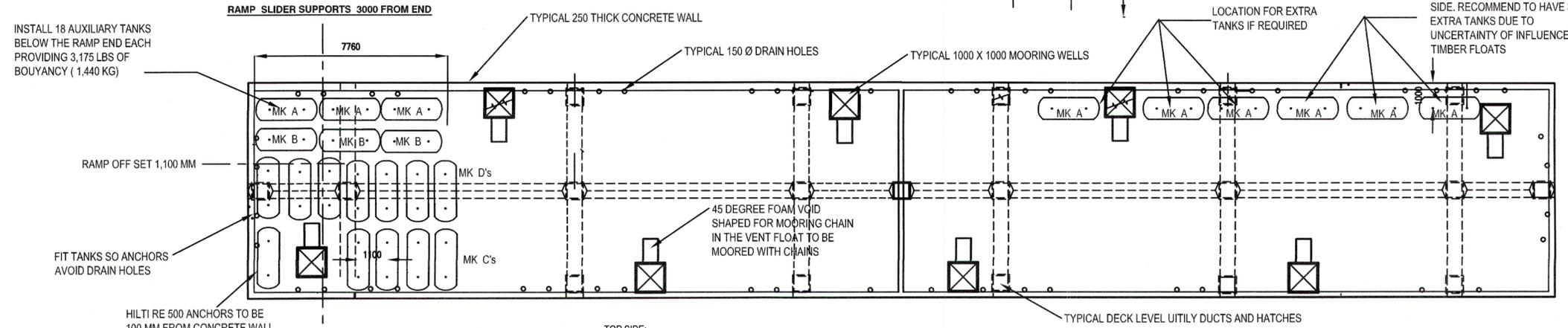
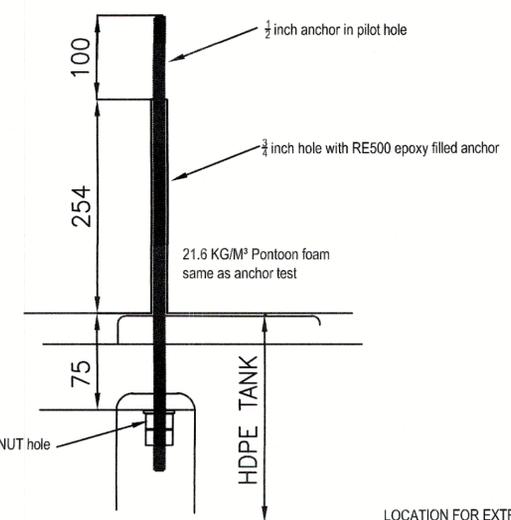
drawing
**KEEL VIEW OF KEEL
BUOYANCY TANKS LAYOUT**

Dual Float TYPE I

designed	GJG	concu
date	2015-12-05	
drawn	EB	dessine
date	2018-12-05	
approved		approuve
date		
Tender		Soumission
PWGC Project Manager	Administrateur de projets TPSCG	
project number	no. du projet	
	TRNVHWY03002-12	
drawing no.	no. du dessin	
	56134 - 0801 - PBS CONCRETE FLOAT - SHEET 1	

NOTES:

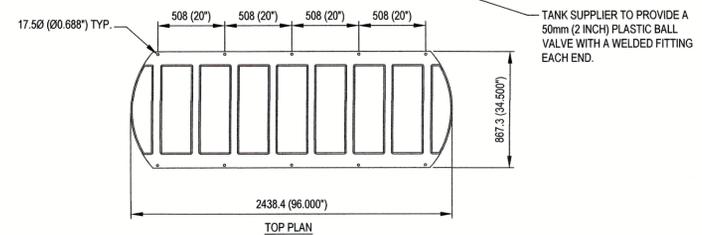
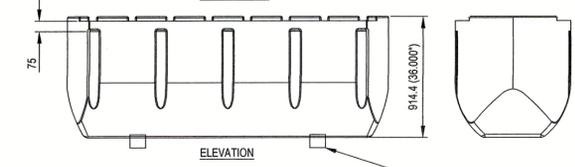
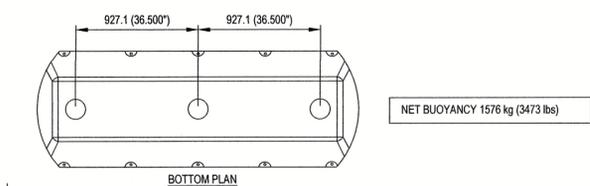
- FLOOD ONE TANK AND USE AS A TEMPLATE TO MARK ALL ANCHOR LOCATIONS.
- DRILL 19mm Ø (3/4") x 254mm (10 INCHES) LONG AFTER DRILLING A PILOT HOLE WITH A DIAMETER SMALLER THAN THE ANCHOR AT LEAST 100mm LONG THAT WILL HOLD THE 12.7mm (1/2") GALVANIZED THREADED ANCHOR.
- USE RE 500 UNDERWATER EPOXY PROVIDED BY HILTI AND AN OVERHEAD HAND PUMP PROVIDED BY HILTI TO PUMP THE EPOXY INTO THE HOLE AFTER THE ANCHOR HAS BEEN DRIVEN INTO THE FOAM PILOT HOLE. PLACE A WASHER OR OTHER PIECE TO PREVENT EPOXY FROM SEEPING OUT. ALLOW 24 HOURS TO CURE THE EPOXY.
- SET ALL TANKS OVER THE ANCHORS AND DE-BALLAST SLIGHTLY TO HOLD TANKS IN PLACE AGAINST TIDAL CURRENTS OR WAVE ACTION.
- DE-BALLAST TANKS MARKED 'A' EACH 50% THEN REPEAT DE-BALLAST TO CORRECT TRANSVERSE TRIM (SLOPE).
- IN THE EVENT THE EXTRA MARKED 'A' TANKS ARE REQUIRED TO CORRECT THE TRANSVERSE TRIM THEY ARE TO BE INSTALLED IN LOCATION SHOWN ON THE PLAN VIEW.
- DE-BALLAST TANKS MARKED 'B' 50% EACH.
- DE-BALLAST TANKS MARKED 'C' 50% EACH, THEN REPEAT DE-BALLAST TANKS MARKED 'B' AND 'C' TO 100%.
- DE-BALLAST TANKS MARKED 'D' LAST - STARTING AT 50% EACH THEN REPEAT TO ACHIEVE 100% TO LEVEL THE PONTOON LONGITUDINALLY.



SECURE AUXILIARY TANKS TO THE MARINE FOAM WITH HILTI UNDERWATER GALVANIZED RE 500 ADHESIVE ANCHORS 1/2 INCH Ø BY 14 INCHES OF PENETRATION C/W 10 INCHES OF EPOXY IN 1/2 Ø HOLE & 4 INCHES OF PILOT HOLE FOR THREADS TO HOLD ANCHOUR FOR EPOXY CURE IN ALL TEN HOLES IN THE HDPE TANK HOLES THAT ARE 17.5 MM Ø (0.688 IN).

LOW DENSITY POLYETHYLENE AUXILIARY BUOYANCY TANK 36 INCHES H x 96 INCHES L x 34.5 INCHES WIDE
(915mm H x 2439mm L x 877mm WIDE)

PBS - KEEL PLAN DUAL TYPE I 52.44m x 8.5m
SCALE: 1:100



SINGLE HOLLOW PIECE AUXILIARY BUOYANCY TANK
36 INCHES H x 96 INCHES L x 34.5 INCHES WIDE
(915mm H x 2439mm L x 877 mm WIDE)