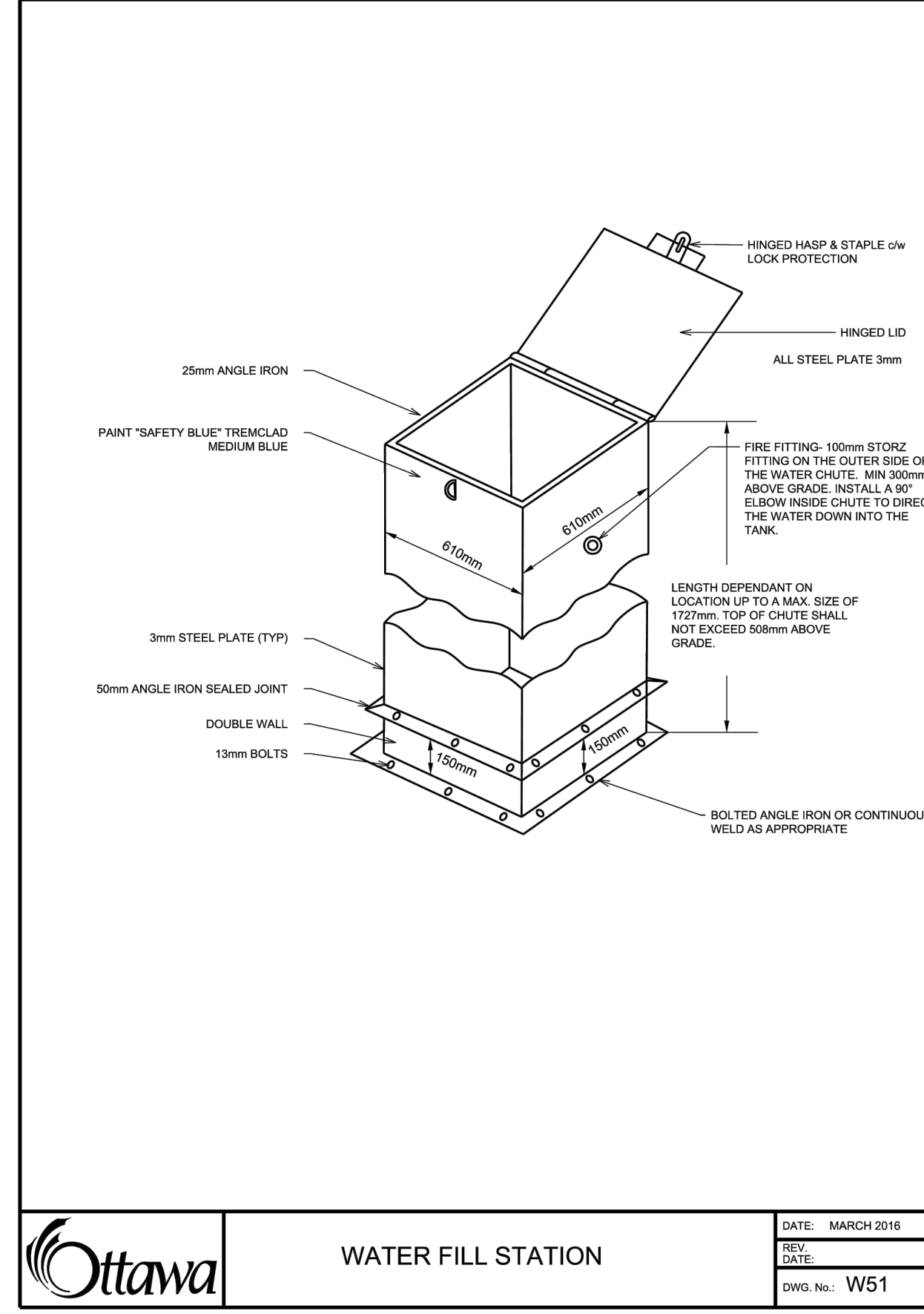


Sean Harrigan
SEAN HARRIGAN
 PLANNER
 PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
 DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Sean Harrigan at 9:24 am, Mar 26, 2024



GENERAL NOTES

- CONTRACTOR TO COORDINATE PRE-CAST WATER HOLDING TANK 50,000L MODEL OR EQUIVALENT SHOP DRAWINGS WITH THE MANUFACTURE.
- ELECTRICAL CONTRACTOR TO CARRY OUT FINAL COORDINATION FOR TIE IN POINTS FOR THE FLOATS PER THE SHOP DRAWINGS PROVIDED BY TANK MANUFACTURER.
- ENSURE CLEAR, MONOMERIC SILANE SEALER (SIKAGARD® SN-100) COATING, TO PROTECT THE TANKS FROM SOIL CORROSION. TO BE APPLICATED TO THE TANKS BY THE MANUFACTURE BEFORE DELIVERY TO SITE. ANY TOUCH-UP TO BE PROVIDED BY THE MANUFACTURE.
- CONTRACTOR TO ENSURE PIPE CONNECTION BETWEEN TANKS TO BE MINIMUM 600mm DISTANCE BETWEEN OUTER WALL OF TANKS AND PIPE TO BE MINIMUM 200mm SDR 35 PVC PIPE.
- PROPOSED PIPE FITTINGS TO BE DIXON NORTH LINE STORZ OR EQUIVALENT.
- UNITS ARE SEALED WITH BUTYL TAPE AT THE JOINTS.
- CONTRACTOR TO ENSURE CRANE IS ON-SITE TO OFFLOAD AND SET TANK.
- EXCAVATION MUST BE READY FOR INSTALL.
- ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT.
- TANK DESIGNED FOR A MAXIMUM FILL COVER DEPTH OF 1000mm, MINIMUM ENGINEERING FILL DEPTH OF 350mm.
- TUF-TITE SAFETY LIDS WITH LOCKING CLIP INSTALLED IN ALL OPENINGS AS PER CSA-B66-21.

ELECTRICAL NOTES

DSC SECURITY PANEL

- PROVIDE A DSC SERIES SECURITY PANEL INSTALLED IN IT ROOM. CONTRACTOR TO REVIEW AND COORDINATE WITH OWNER REQUIREMENTS. PROVIDE 120VAC POWER TO THE NEW DSC SERIES SECURITY PANEL FROM IT ROOM PANEL BOARD. PROVIDE COMMUNICATIONS CONNECTION TO THE DSC PANEL.
- PROVIDE ALARM TIE FROM DSC MONITORING PANEL INTO THE BUILDING AUTOMATION SYSTEM AND SECURITY SYSTEM RACKS LOCATED IN THE IT ROOM, COMPLETE WITH CAT5E CABLING IN CONDUIT.
- CONTRACTOR TO COORDINATE ALL WORKS WITH HONI AND TO REVIEW THE SITE TO UNDERSTAND THE HONI'S REQUIREMENTS.

LOW LEVEL FLOATS

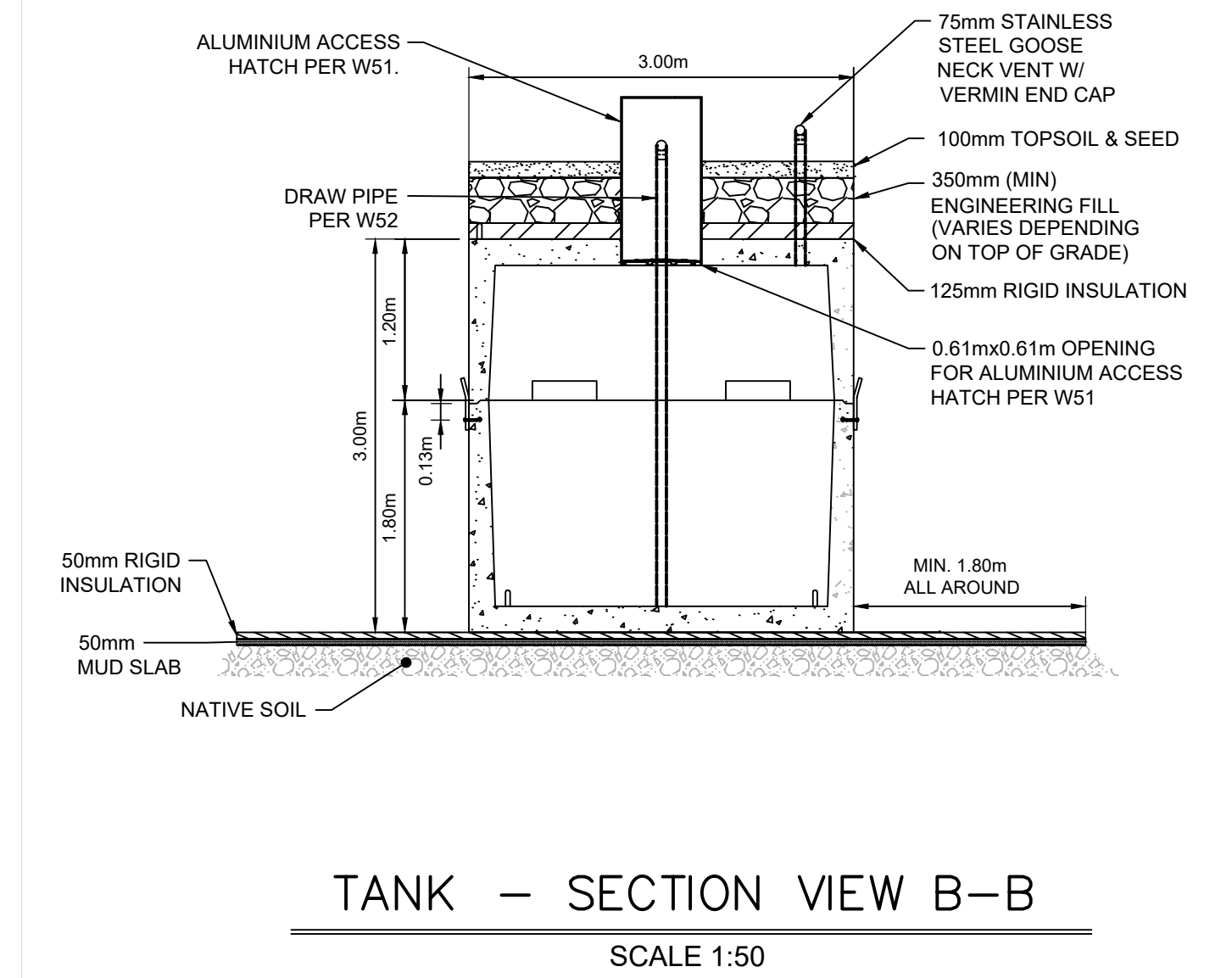
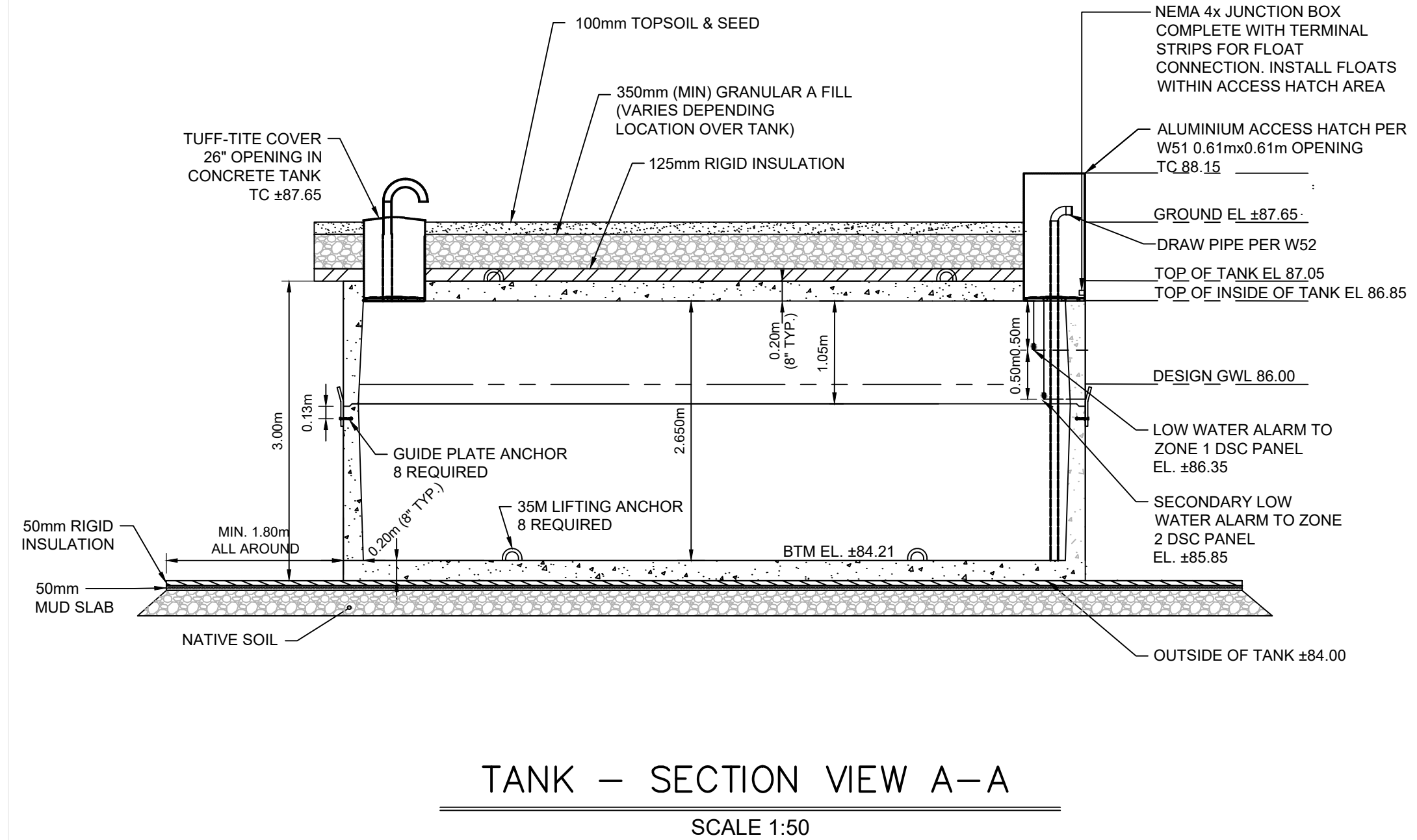
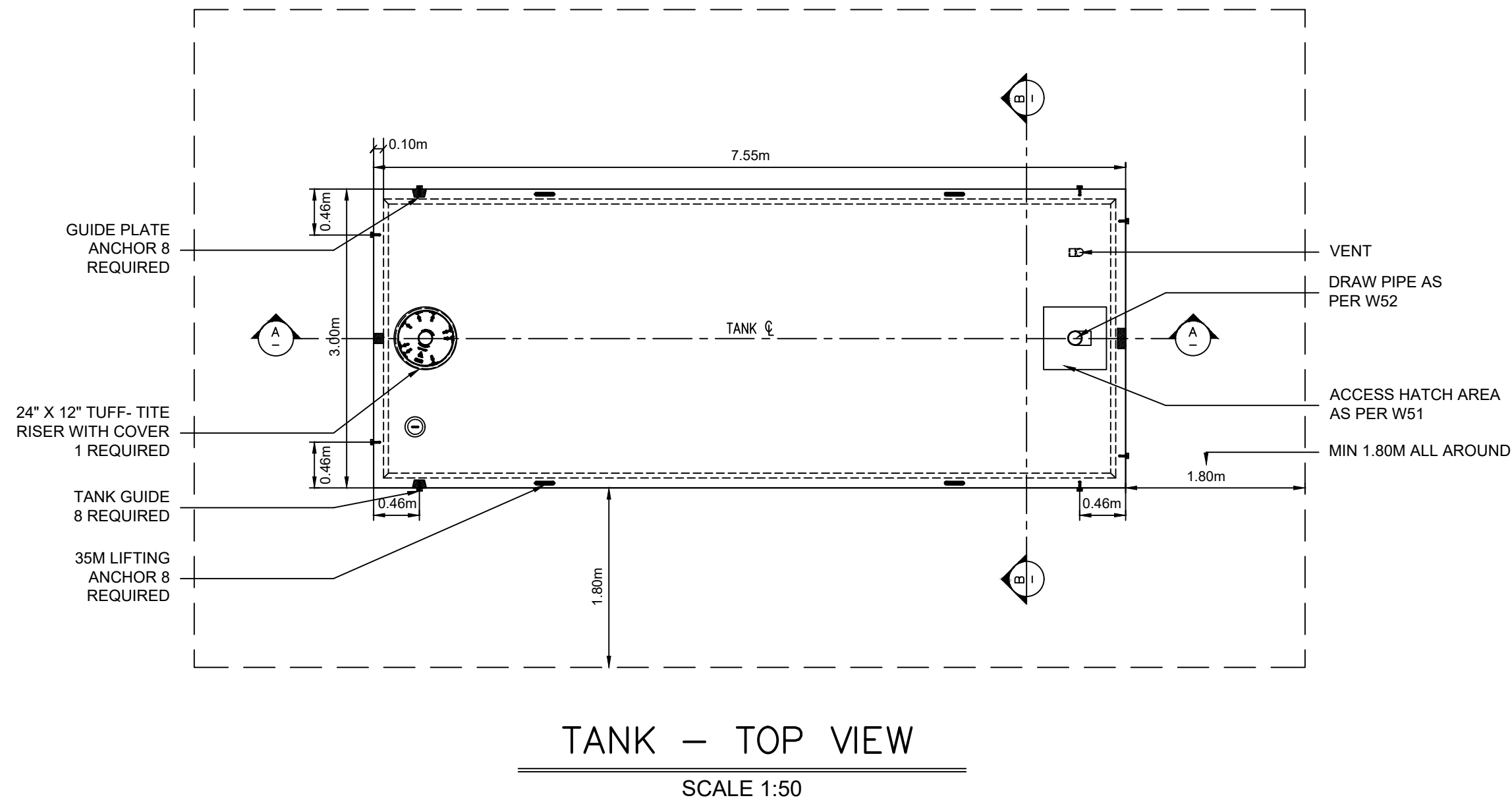
- PROVIDE TWO (2) ITT FLYGT - ENM - 10 FLOATS FOR TANK RESERVOIR. FLOATS TO BE COMPLETE WITH STAINLESS STEEL SWAY RINGS AND STAINLESS-STEEL HOOKS FOR CABLE SLACK. PROVIDE 1.0m OF FLOAT CABLE SLACK. WRAP SLACK CABLE AROUND STAINLESS STEEL HOOKS NEAR JUNCTION BOX. FLOATS AND SLACK CABLE TO BE ACCESSIBLE FROM THE LADDER. REFER TO TANK DETAILS FOR FLOAT ELEVATIONS.

JUNCTION BOX

- PROVIDE A NEMA 4X PVC JUNCTION BOX EQUIPPED WITH BACK PANEL AND TERMINAL BLOCKS FOR THE FIELD AND FLOAT WIRE TERMINATION.
- MOUNT JUNCTION BOX JUST BELOW THE OPEN HATCH AREA BUT ABOVE THE MAXIMUM WATER LEVEL.

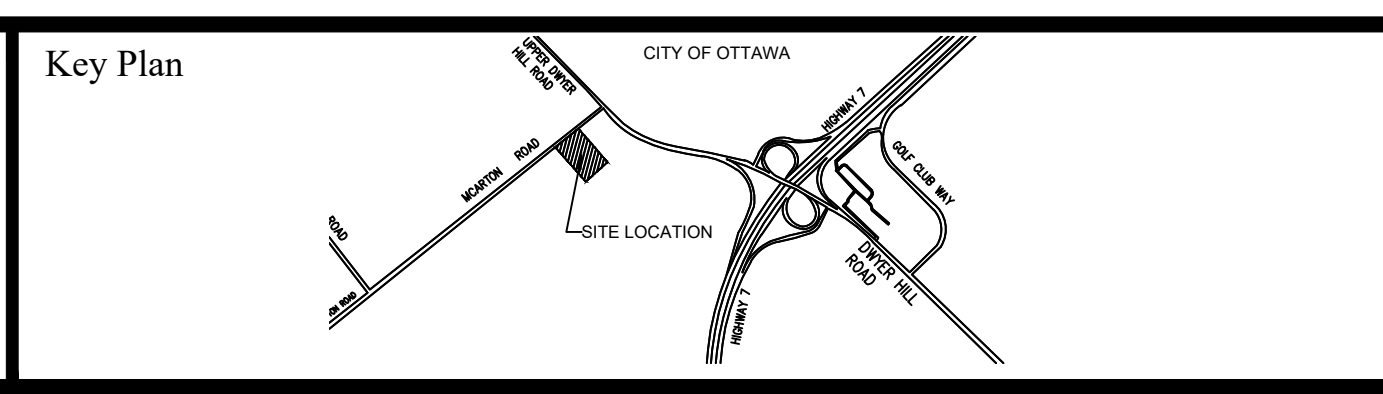
CONDUITS AND WIRING

- PROVIDE ONE (1) 53mm PVC CONDUIT COMPLETE WITH 2-PAIR 18AWG RWU 90 WIRING FROM THE IT ROOM TO EACH WATER RESERVOIR. PROVIDE SUFFICIENT NUMBER OF CONDUCTORS TO SUIT PLUS 25% SPARE.

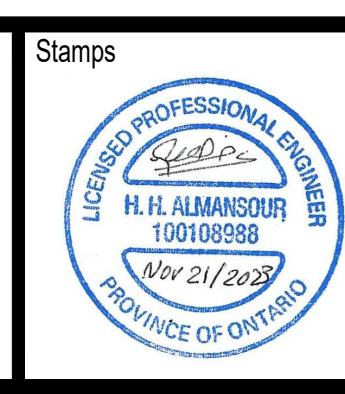


No	DATE	ISSUED FOR	App.	No	DATE	REVISION	App.
1	2023-11-21	SITE PLAN CONTROL - ADDITIONAL DETAILS	HA	1			
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 ONTARIO & CANADA LANDS SURVEYORS
 KEMPTVILLE PORTLAND
 REF: 2018-10-085



Project
OTTAWA VALLEY WILD BIRD CARE CENTRE
 8520 McArthur Road, Ottawa, ON.

Title: TANK DETAILS
 Date: 2023-11-21
 Revision:

Drawn by: RA
 Verif. by: HA
 Scale: AS INDICATED
 Drawing # DT-2