

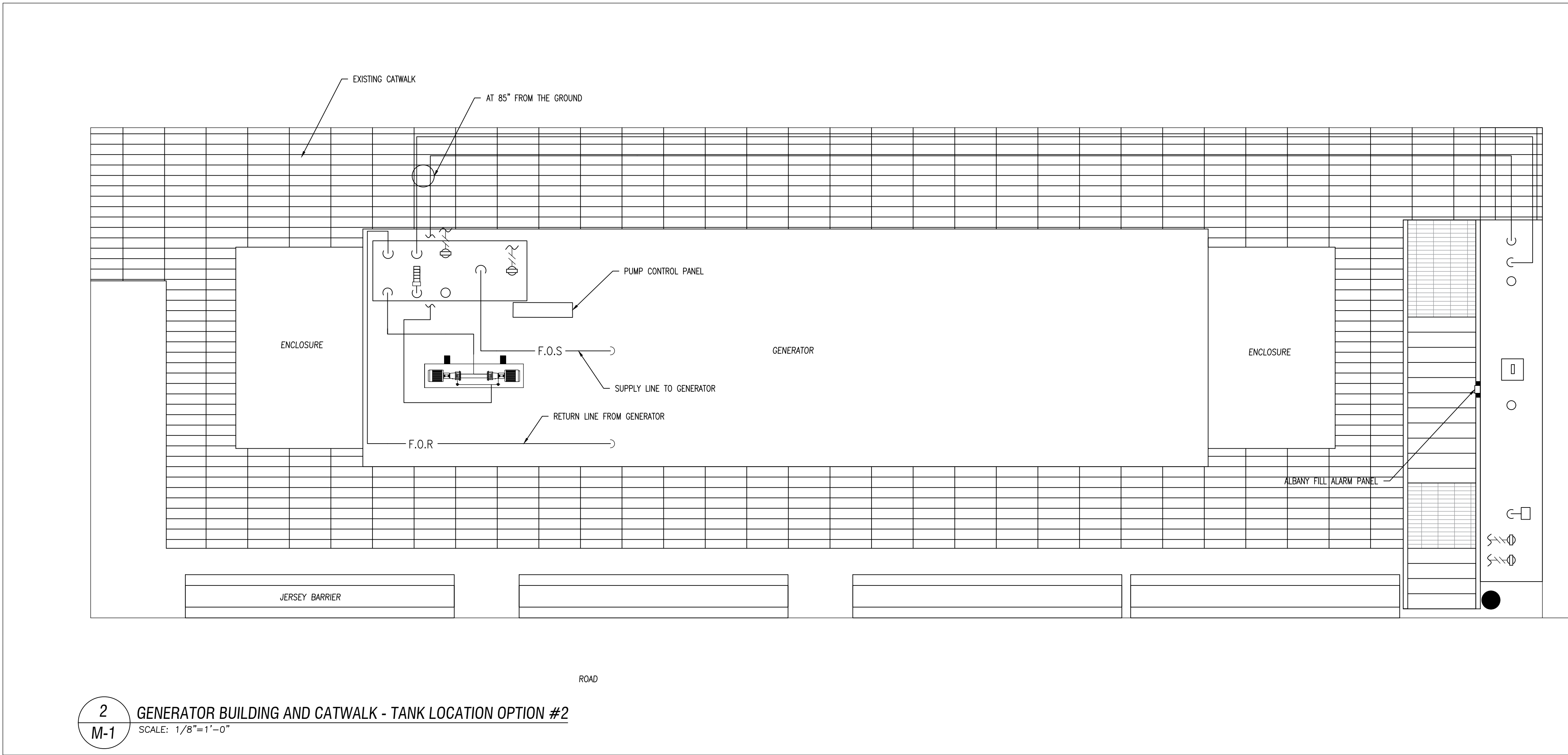
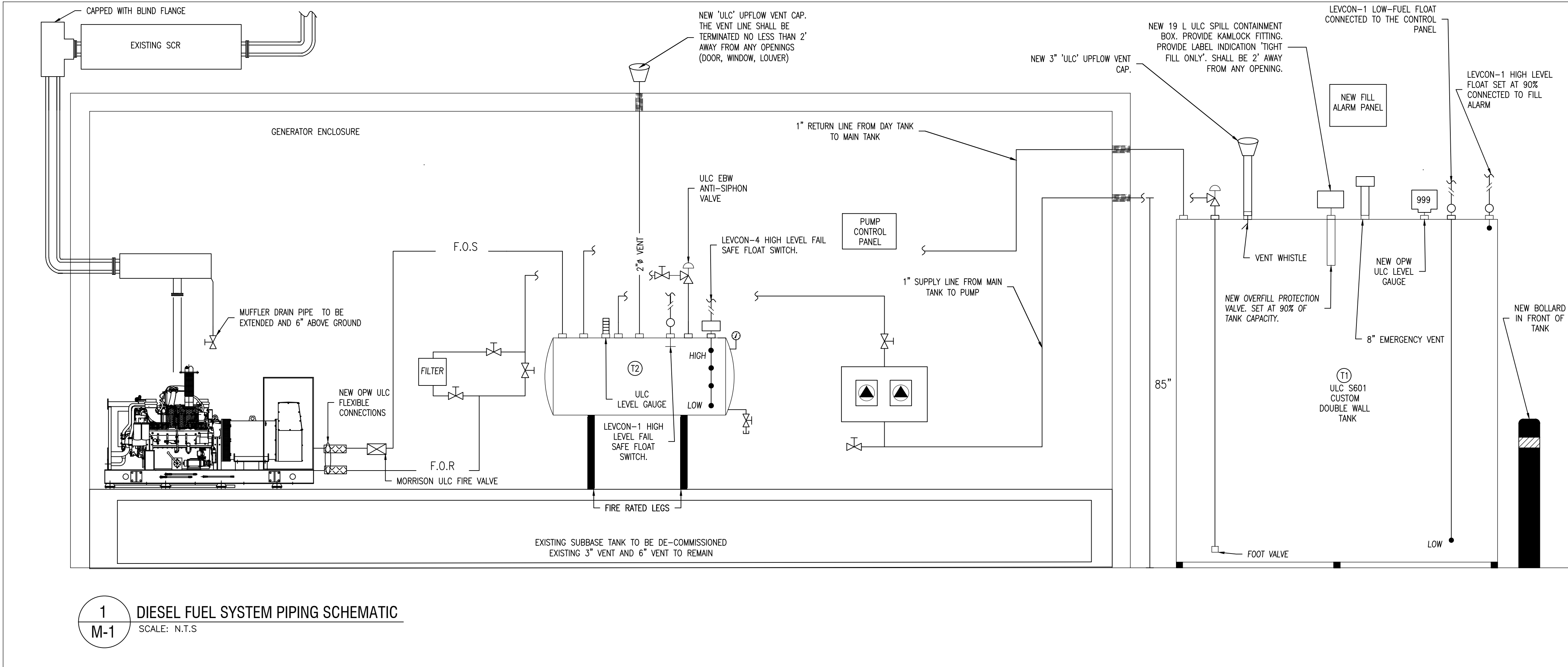
GENERAL DIESEL NOTES

1. CONTRACTOR SHALL PUMP OUT THE DIESEL FUEL STORED INSIDE THE STORAGE TANKS. CONTRACTOR SHALL STORE, HANDLE AND TRANSPORT THE DIESEL FUEL AS PER CSA-B139 LATEST EDITION. COORDINATE WITH PROPERTY MANAGEMENT TO DETERMINE WHETHER THE PUMPED FUEL CAN BE RE-USED FOR THE TEMPORARY TANK OR AT ANY OTHER FACILITY. ELSE THE CONTRACTOR SHALL DISPOSE OF THE PUMPED DIESEL AS PER CSA-B139.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH TSSA REGARDING VARIANCE. CONTRACTOR SHALL ENSURE THAT ALL ULC LABELS ON ALL DIESEL ACCESSORIES AND FITTINGS (PIPING, VALVES, TANK ETC.) ARE CLEARLY VISIBLE FOR TSSA INSPECTIONS.
3. CONTRACTOR SHALL TEST & COMMISSION THE DIESEL GENERATOR AND FUEL SYSTEM AT END OF CONSTRUCTION. FILL OUT AND COMPLETE COMMISSIONING REPORT AS PER TENDER SPECIFICATIONS.
4. CONTRACTOR SHALL REMOVE UNUSED TANKS, PIPES, FITTINGS AND OTHER RELATED ITEMS FROM THE SITE AT THE END OF CONSTRUCTION.
5. CONTRACTOR SHALL SIGN AND COMPLETE ALL TSSA COMPREHENSIVE CHECKLISTS AT THE END OF CONSTRUCTION.

SCOPE OF WORK

1. SUPPLY AND INSTALL NEW MAIN TANK AND PUMP SET AS PER SCHEDULE. PROVIDE NEW AND/OR EXTEND EXISTING PIPES TO FACILITATE THE NEW INSTALLATION.
2. SUPPLY AND INSTALL ALL DIESEL ACCESSORIES AS INDICATED ON THE DRAWINGS.
3. NEW REDUNDANT SYSTEM AS PER DRAWING.
4. ALL DIESEL PIPES (NEW AND EXISTING) SHALL BE PAINTED DARK BROWN AND LABELED C/W DIRECTION OF FLOW (INCLUDING D. RISERS).
5. CONTRACTOR SHALL USE EXISTING MAIN TANK AS TEMPORARY DIESEL TANK INSIDE GENERATOR ROOM DURING THE CONSTRUCTION PERIOD TO ENSURE GENERATOR OPERATION.
6. PUMP HALF OF THE FUEL IN THE EXISTING MAIN TANK TO NEW MAIN TANK TO FACILITATE COMMISSIONING.
7. DAY TANK WILL BE CONNECTED TO GENERATOR AT ALL TIMES.
8. DECOMMISSION EXISTING MAIN TANK AS PER CSA B-139. TANK TO REMAIN IN PLACE. EXISTING 3" AND 6" VENT TO OUTSIDE TO REMAIN

FUEL OIL TANK SCHEDULE				
TAG	MAKE	MODEL	CAPACITY	LOCATION
(T1)	STEMCAN	ULC S602	15750 LITRES	GROUND
(T2)	STEMCAN	ULC S602	454 LITRES	GEN ROOM
REMARKS				
DOUBLE WALL, VACUUM MONITORED STORAGE TANK CONSTRUCTED TO ULC-S602. GAUGING OF TANK MUST CONFORM TO CSA B139. TANKS SHALL BE INSTALLED & SUPPORTED AS PER DRAWINGS & MANUFACTURERS RECOMMENDATIONS. APPROVED MANUFACTURES, DTE, AND CLEMMER. TANK SHALL BE EQUIPPED WITH VACUUM GAUGE, VACUUM SWITCH, AND BOTTOM CONNECTION FOR DRAINAGE. VACUUM SWITCH TO BE INTERFACED W/ BMS.				



MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING EQUIPMENT/DUCTWORK / PIPING
---	NEW EQUIPMENT / DUCTWORK / PIPING
	EXISTING DUCTWORK/PIPING/EQUIPMENT TO BE REMOVED
---	PIPE CONTINUATION
C.T.E	CONNECT TO EXISTING
RL	EXISTING EQUIPMENT TO BE RELOCATED
RE	RELOCATED EQUIPMENT AT NEW LOCATION
---	END CAP
---F.O.R.---	FUEL OIL RETURN
---F.O.S.---	FUEL OIL SUPPLY
---F---	FILL LINE
---V---	VENT LINE
⊕	GAUGE
---	ANTI SIPHON VALVE
---	PRESSURE RELIEF VALVE
---	CONTROL WIRING
---	FIRE VALVE
---	ISOLATION VALVE
---	CHECK VALVE
---	FLEXIBLE CONNECTION
---	STEEL PIPE SLEEVE WITH FIRE RATED AND/OR WEATHERPROOF MATERIAL

1.	AS BUILT DRAWING	JULY 2023
No.	Description	Date
ISSUES/REVISIONS		



PROJECT		
DIESEL FUEL SYSTEM UPGRADE		
DATE	JULY 2023	PROJECT NO.
SCALE	N.T.S.	23001
DRAWN	H.W.	MECHANICAL
DESIGNED	A.S.	DRAWING NO.
CHECKED	A.S.	M-1