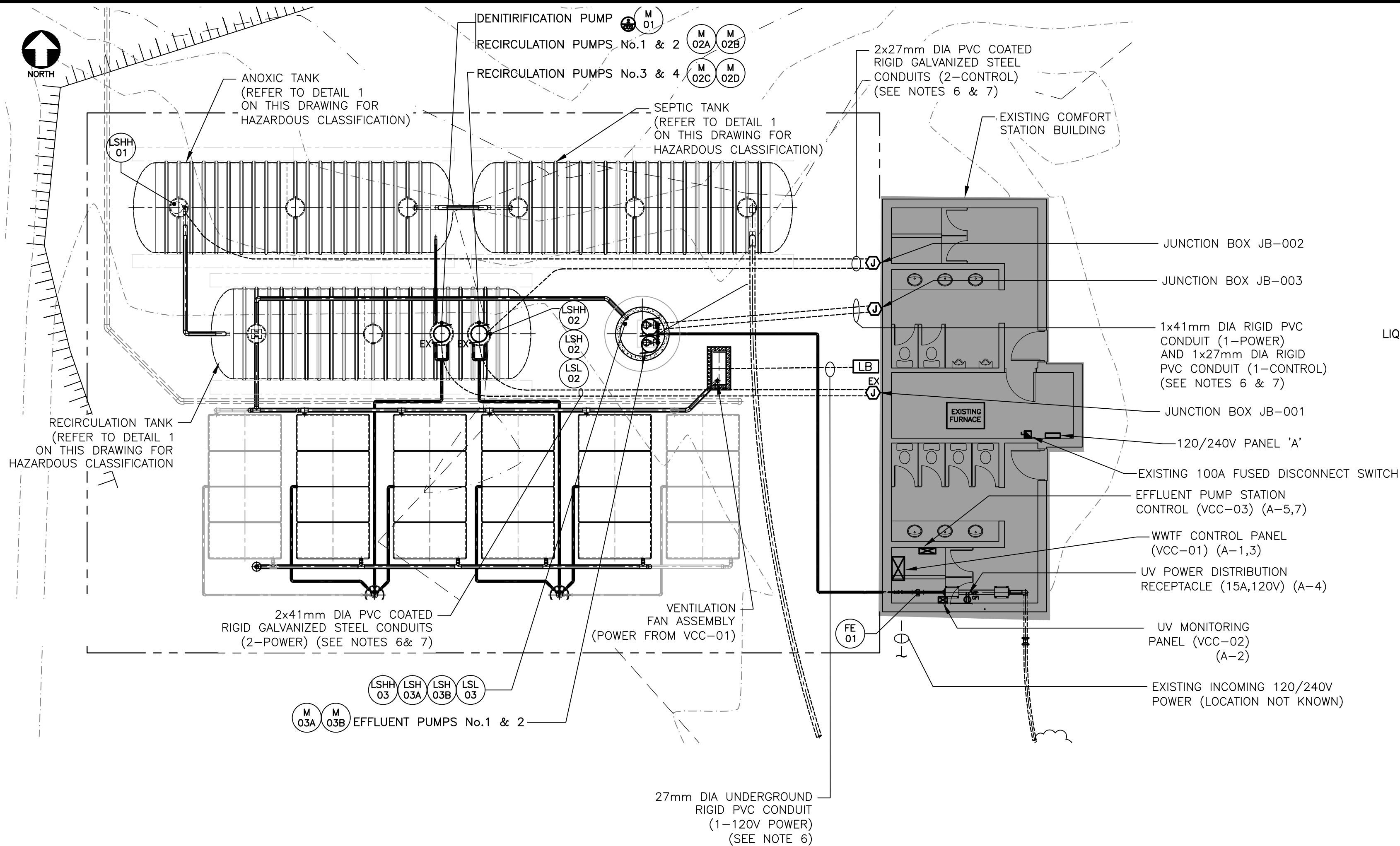
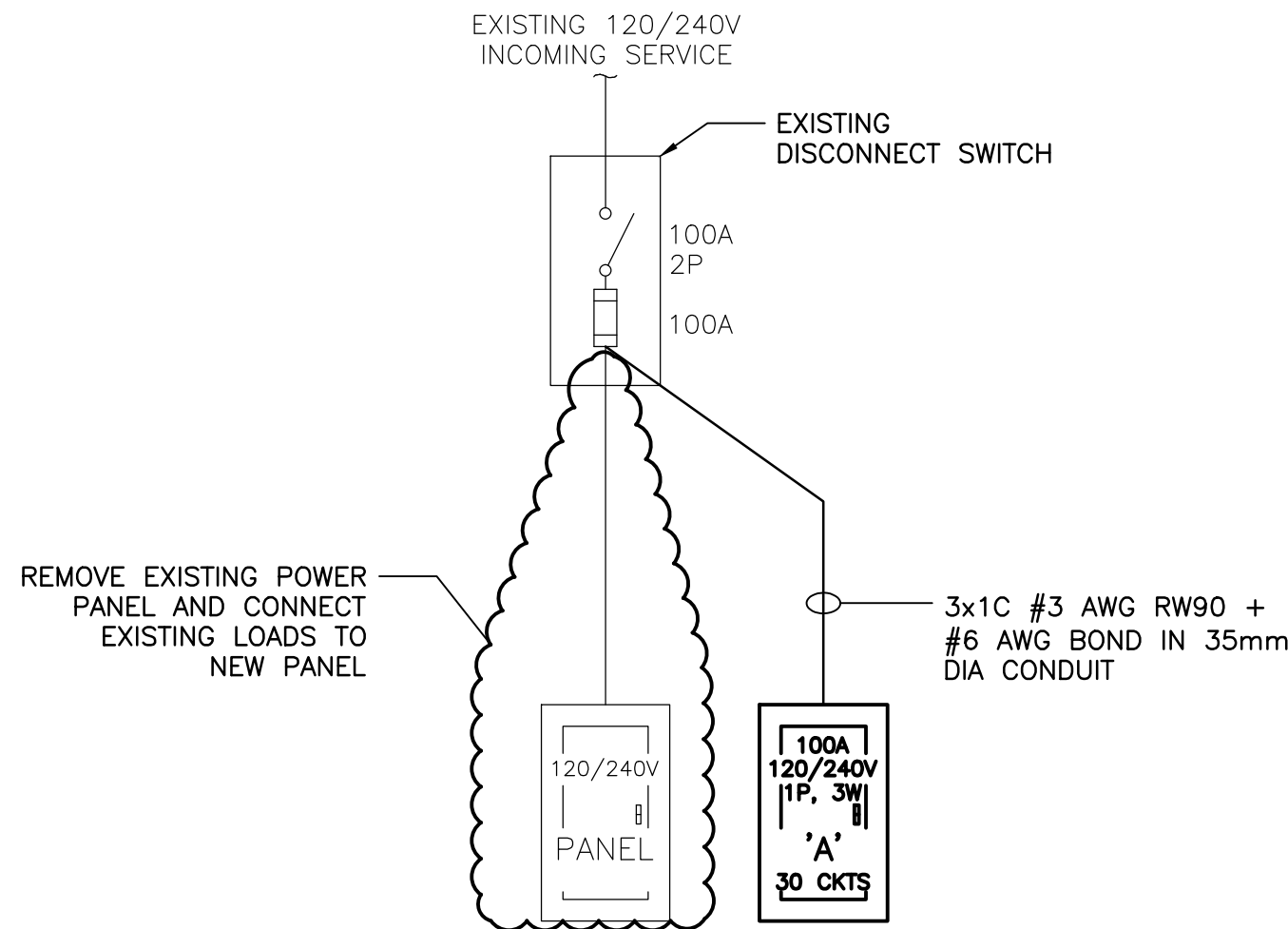


DRAWING NAME: K:\PROJECTS\142507.00_BROAD COVE CAMPGROUND WASTEWATER SYSTEM\3D CAD\3D ELEC\142507.00.01.DWG LAYOUT NAME: E01 DATE: 02-15-15 1:56:50 PM CAD OPERATOR: MALJISON

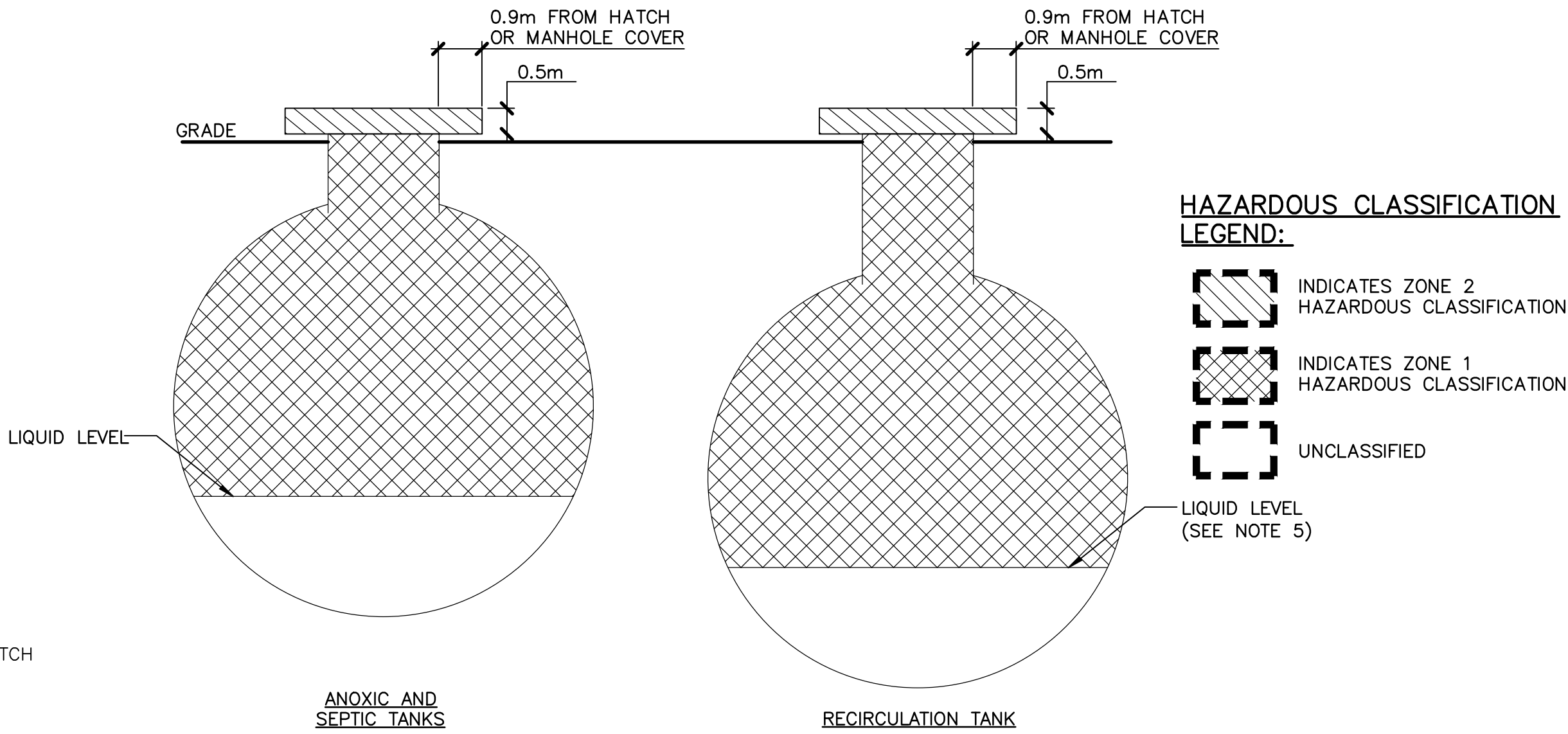


PARTIAL SITE PLAN
1:100 (SEE NOTES 1,2,3,4 & 8)



SINGLE LINE DIAGRAM
N.T.S.

REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 30				PANEL: A LOCATION: COMFORT STATION FED FROM: 100A D/S				SYM. I.C.: 10,000 AMPS MAINS: 100A AMPS ENTER AT: BOTTOM. MTG. 60"				REMARKS
	DESIGNATION		LOAD PH A PH B		CIR. No.	 A B BKR	CIR. No.	LOAD PH A PH B		DESIGNATION			
①	WWTF CONTROL PANEL (VCC-01)				1	60A 2P	15A 2		UV MONITORING PANEL (VCC-02)				①
					3	2P	15A 4		REC-UV PDR				①
①	EFFLUENT PUMP STATION CONTROL PANEL (VCC-03)				5	30A 7P	15A 6		SPARE				
	SPARE				9	15A	15A 8		SPARE				
	SPARE				11	15A	15A 10		SPARE				
	SPARE				13	15A	15A 12		SPARE				
	SPARE				15	15A	15A 14		SPARE				
	SPARE				17	20A	15A 16		SPARE				
	SPACE				19		20A 18		SPARE				
	SPACE				21		20 20		SPACE				
	SPACE				23		22 24		SPACE				
	SPACE				25		26 26		SPACE				
	SPACE				27		28 28		SPACE				
	SPACE				29		30 30		SPACE				
PHASE A - TOTAL						SOURCE: _____							
PHASE B - TOTAL						FEEDER: _____							
TOTAL LOAD: _____ KW. _____ AMP.						_____							
REMARKS: ① VERIFY BREAKER RATING WITH EQUIPMENT MANUFACTURER'S SHOP DRAWINGS. ② RECONNECT EXISTING LOADS TO SPARE BREAKERS.													



1
N.T.S. **DETAIL—TANK HAZARDOUS AREA CLASSIFICATION**

LEGEND:

- MISCELLANEOUS EQUIPMENT (IDENTIFIED BY ANNOTATION)
- CONTROLLER OR CONTROL PANEL
- SINGLE PHASE MOTOR
- 15A, 125V DUPLEX RECEPTACLE
- WEATHER PROOF
- GROUND FAULT CIRCUIT INTERRUPTER
- FUSED DISCONNECT SWITCH
- JUNCTION BOX
- 'LB' TYPE CONDUIT FITTING
- FIELD INSTRUMENT

NOTES:

- LOCATIONS OF BURIED SERVICES ARE APPROXIMATE. VERIFY LOCATIONS OF BURIED SERVICES PRIOR TO INSTALLATION OF THE NEW UNDERGROUND ELECTRICAL SERVICES.
- DURING EXCAVATION, ADEQUATELY SUPPORT ANY EXISTING UNDERGROUND SERVICES.
- IF SITE CONDITIONS PROHIBIT TRENCH DEPTH AS PER THE INSTALLATION DETAILS, ADVISE THE OWNER AND ENGINEER PRIOR TO PROCEEDING.
- UNLESS NOTED OTHERWISE, ELECTRICAL, CONTROLS, AND INSTRUMENTATION EQUIPMENT IS NEW.
- IN THE RECIRCULATION TANK, THE INSTALLED PUMPS WILL ALWAYS BE BELOW THE LIQUID LEVEL DUE TO THE TANK/PIPING DESIGN.
- REFER TO DETAIL 1 ON DRAWING E02 FOR UNDERGROUND ELECTRICAL DUCTBANK DETAIL.
- PRIOR TO INSTALLATION, VERIFY UNDERGROUND CONDUIT SIZE WITH EQUIPMENT CABLING SHOP DRAWINGS.
- ROUTE CONDUITS IN THE COMFORT STATION BUILDING AS HIGH AS POSSIBLE IN THE CEILING SPACE. DROP CONDUITS VERTICALLY DOWN WALL TO WALL MOUNTED EQUIPMENT.
- VERIFY FINAL MOUNTING LOCATION OF NEW PANEL 'A' WITH THE DEPARTMENTAL REPRESENTATIVE.
- SEAL AROUND ALL EXTERIOR ELECTRICAL PENETRATIONS AND MAKE WEATHER AND WATER TIGHT.
- ENSURE UNDERGROUND CONDUITS ENTER U/G TANK AND PUMP STATION ABOVE THE MAXIMUM LIQUID LEVEL.

0	ISSUED FOR TENDER	SEP 02/15	338
A	ISSUED FOR REVIEW	AUG 17/15	JAB
No.	Description	Date	By

Revision or Issue

**BROAD COVE CAMPGROUND
WASTEWATER SYSTEM**

**ELECTRICAL
WASTEWATER TREATMENT
FACILITY**

SITE PLAN & BUILDING LAYOUT



CBCL No 142507	Contract No 142507.00	Date AUG 05/15	Scale AS NOTED
Designed LH		Drawn RJD	
Checked MJ		Approved JAB	
Sheet No 1 of 2		Drawing No E01	