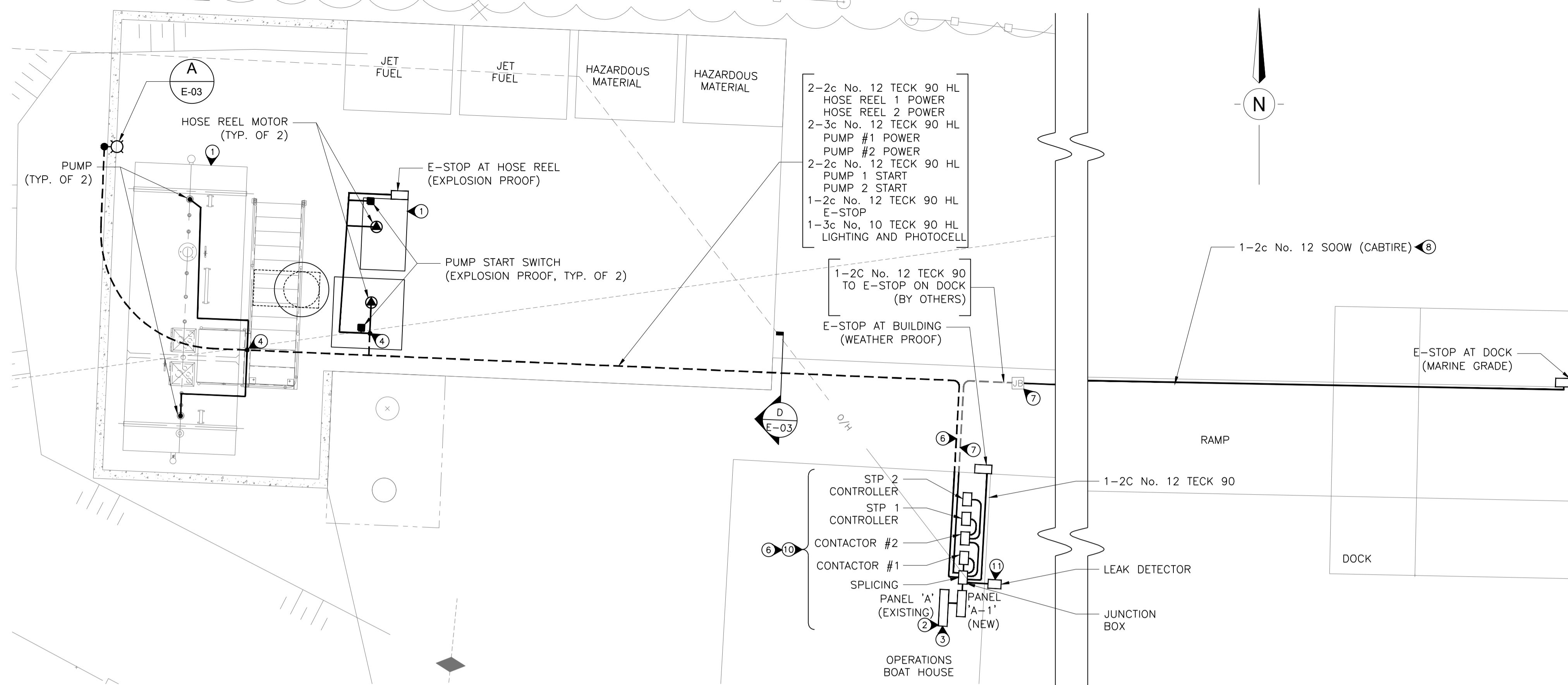
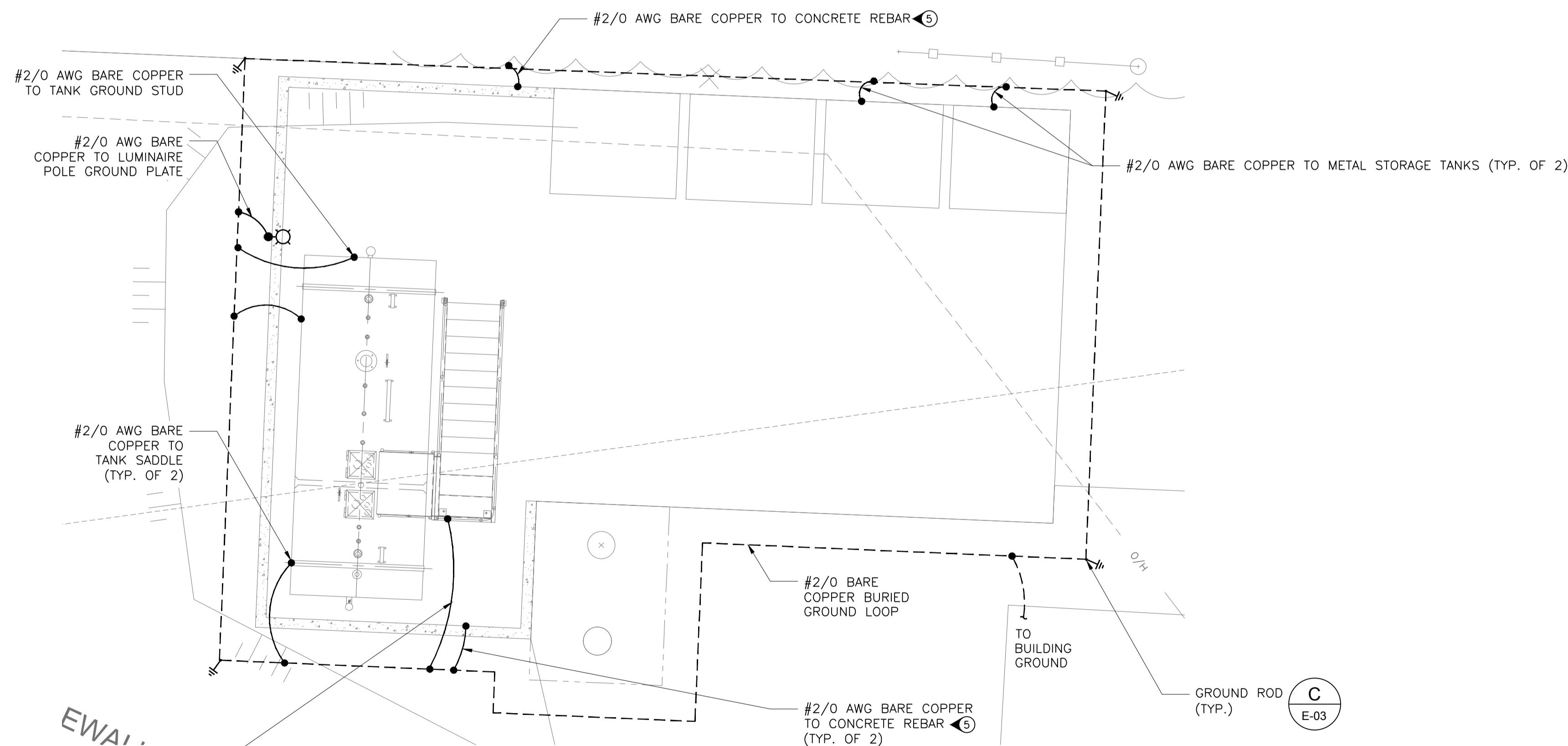


Size: UserDefinedMetric (914.00 x 1500.00MM) Path:\Users\j\Projects\2012\121-24918-01 FCC Operations Building Bamfield - Construction Admin Services\DWG\Elect\Production\121-24918-01-ELEC.dwg Plotted: 9/17/2013 3:33 PM Plotted by: Gagnon, Stephane



SITE PLAN
SCALE: 1:50



GROUNDING GRID DETAIL
SCALE: 1:50

KEYNOTES:

- 1 REFER TO CIVIL PLANS FOR TANK, PUMP AND HOSE REEL EQUIPMENT LOCATION.
- 2 EXISTING PANEL TO BE USED TO FEED PANEL A-1. PROVIDE NEW BREAKER AND WIRING TO PANEL A-1
- 3 REFER TO EXISTING DRAWINGS FOR PANEL LOCATION AND SCHEDULE.
- 4 PROVIDE MECHANICAL PROTECTION AND STRAIN RELIEF FOR CABLES BETWEEN STUB-UPS AND DEVICES. (TYP.) ENSURE STUB-UPS ARE ADEQUATE HEIGHT TO PREVENT VOID IN CONCRETE CONTAINMENT.
- 5 REBAR TO BE ELECTRICALLY CONTINUOUS.
- 6 FOR CLARITY NOT ALL CABLES SHOWN.
- 7 INSTALLATION OF TECK (FOR E-STOP AT DOCK) FROM MECHANICAL ROOM TO PVC JUNCTION BOX AT RETAINING WALL, BY OTHERS. ALL REMAINING WORK INCLUDED IN THIS CONTRACT.
- 8 NEW SOOW (CABTIRE) FROM EXISTING JUNCTION BOX AT RETAINING WALL TO BE ROUTED WITH EXISTING POWER CABLES ON RAMP TO E-STOP. REFER TO OPERATIONS BOAT HOUSE DRAWINGS. PROVIDE CABLE STRAIN RELIEF WHERE REQUIRED.
- 9 E-STOP TO BE MOUNTED ON RAMP.
- 10 ELECTRICAL EQUIPMENT SHOWN TO BE MOUNTED IN MECHANICAL ROOM. COORDINATE WITH EXISTING EQUIPMENT.
- 11 LOCATION OF LEAK DETECTOR TO BE CONFIRMED.

LEGEND (NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊙	CEILING MOUNTED STANDARD JUNCTION BOX	⊙-	N.O. CONTACT - OPEN WHEN RELAY DE-ENERGIZED
⊙	WALL MOUNTED STANDARD JUNCTION BOX	⊙-	N.C. CONTACT - CLOSED WHEN RELAY DE-ENERGIZED
□	PULL BOX	⊙	KEY NOTE - SEE KEY NOTE No.3 ON DRAWINGS
⊕	DUPLEX RECEPTACLE	⊙	CONDUIT CALL OUT TAG - SEE CONDUIT CALL OUT No.1
⊕	SIREN/STROBE COMBINATION	+	INDICATED MOUNTING HEIGHT ABOVE FINISHED FLOOR (A.F.F.)
⊕	DISCONNECT SWITCH	HL	HAZARDOUS LOCATION RATED
⊕	COMBINATION MAGNETIC STARTER AND DISCONNECT SWITCH	TYP.	INDICATES 'TYPICAL'
⊕	EQUIPMENT CONNECTION	W.P.	INDICATES 'WEATHER-PROOF'
⊕	SINGLE PHASE MOTOR	RGS	RIGID GALVANIZED STEEL CONDUIT
⊕	RED EMERGENCY HEAD PUSHBUTTON	→	EYS SEAL
⊕	LV CIRCUIT BREAKER	⊕	STUB-OUT FOR CONDUIT; OR INSULATED END FOR SPARE CABLE OR CONTROL WIRING
⊕	CAPACITOR	---	CONTROL INTERLOCKS
⊕	EMERGENCY STOP	—	ELECTRICAL CABLE ABOVE GRADE
⊕	FORM-C CONTROL CONTACT	---	UNDERGROUND ELECTRICAL CABLE
⊕	GROUND	---	ROOM/EQUIPMENT OUTLINES
⊕	GROUND BUS		
⊕	GROUND ROD		
⊕	CONNECTION POINT		
⊕	ELECTRICAL AND/OR MECHANICAL INTERLOCK		
⊕	SOLENOID VALVE		



F5211-130409



FISHERIES AND OCEANS CANADA
REAL PROPERTY AND SAFETY AND SECURITY

BAMFIELD LIFEBOAT STATION

**SITE PLAN,
GROUNDING GRID
AND LEGEND**

SCALE AS NOTED
START DATE 7/31/2013
DRAWING NUMBER E-01



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NO.	DATE	REVISIONS
3	2014/02/07	RE-ISSUED FOR CONSTRUCTION
2	2013/10/08	ISSUED FOR CONSTRUCTION
1	2013/09/17	ISSUED FOR CLIENT REVIEW

DESIGNED JM
DRAWN SG/PP
CHECKED
RECOMMENDED
APPROVED

DWG. NO.	DRAWING REFERENCES	NOTES