



EXHIBIT 1



Civil Engineers
Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
Scientists

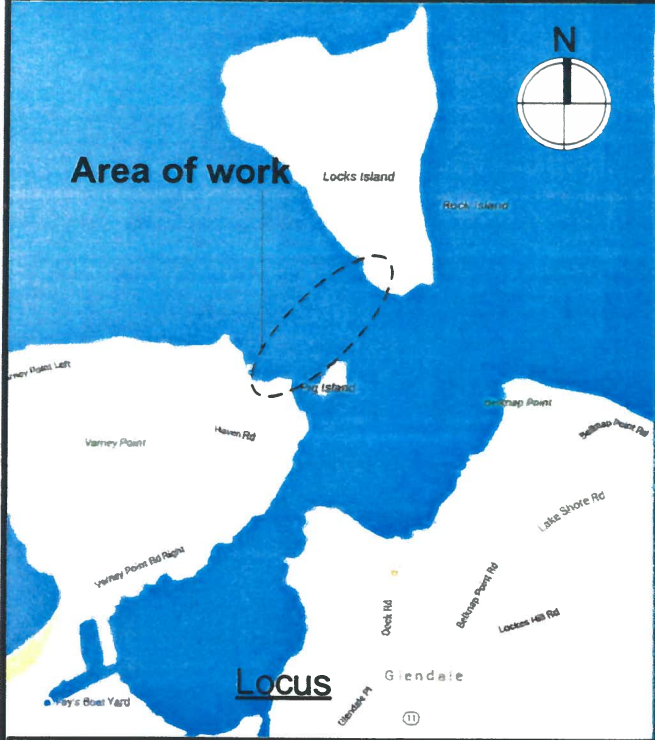
48 Constitution Drive
Bedford, NH 03110
Phone (603) 472-4488
Fax (603) 472-9747
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LAKE WINNIPESAUKEE CROSSING

USGS LOCUS MAP FEEDER 11W1 LINE

*PREPARED FOR
EVERSOURCE ENERGY*

F M I	95813-00	SCALE: 1"=2,000'				10/23/17	
		DR	JB	CK	NG	CADFILE	95813-00 PUC.DWG



Lockes Island Cable Replacement
Gilford, NH
Feeder 11W1
4.16kV

Replacement submarine cable from Varney Point Rd to Lockes Island riser:

- Install (2) sets of approximately 1,150' of 15kV 1/0 AL Submarine conductor from Varney Point riser pole to Lockes Island riser pole.
- Directional core boring required from riser P951/47 on Varney Point into the lake.
- Directional core boring required from riser P953/1 on Lockes Island out into the lake.

Legend

Existing	Joint owned pole	Location Number
Replace	Eversource Pole	
Install	Fused Cutout	Riser
Remove	Solid Blade Cutout	
Overhead primary conductor		
Overhead secondary conductor		
Underground primary conductor		
Existing Eversource Anchor		
Replaced or installed Eversource Anchor		
Single Phase Transformer		
Existing conductor sizes are pulled from GIS		

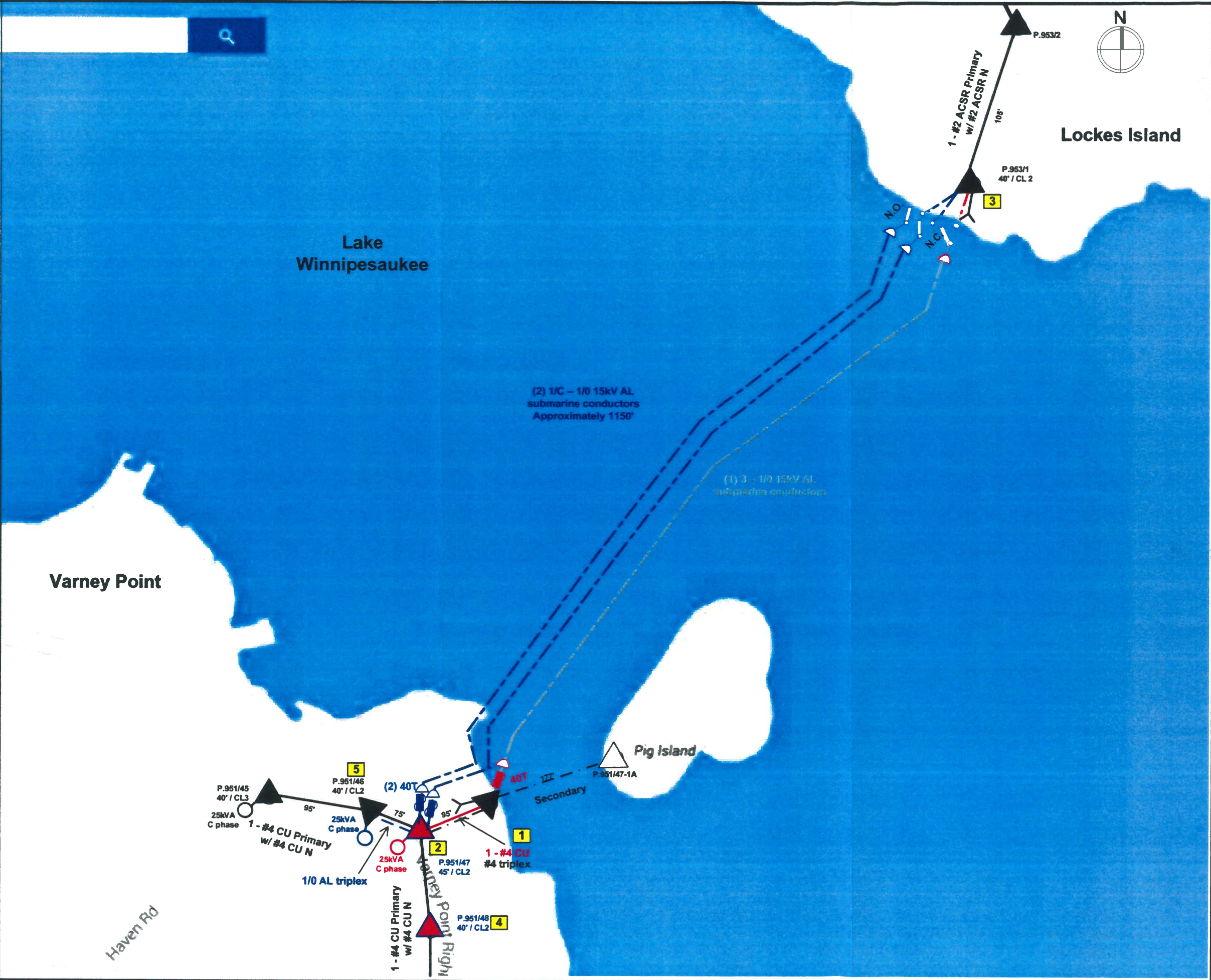
Work Request #2637064

EVERSOURCE

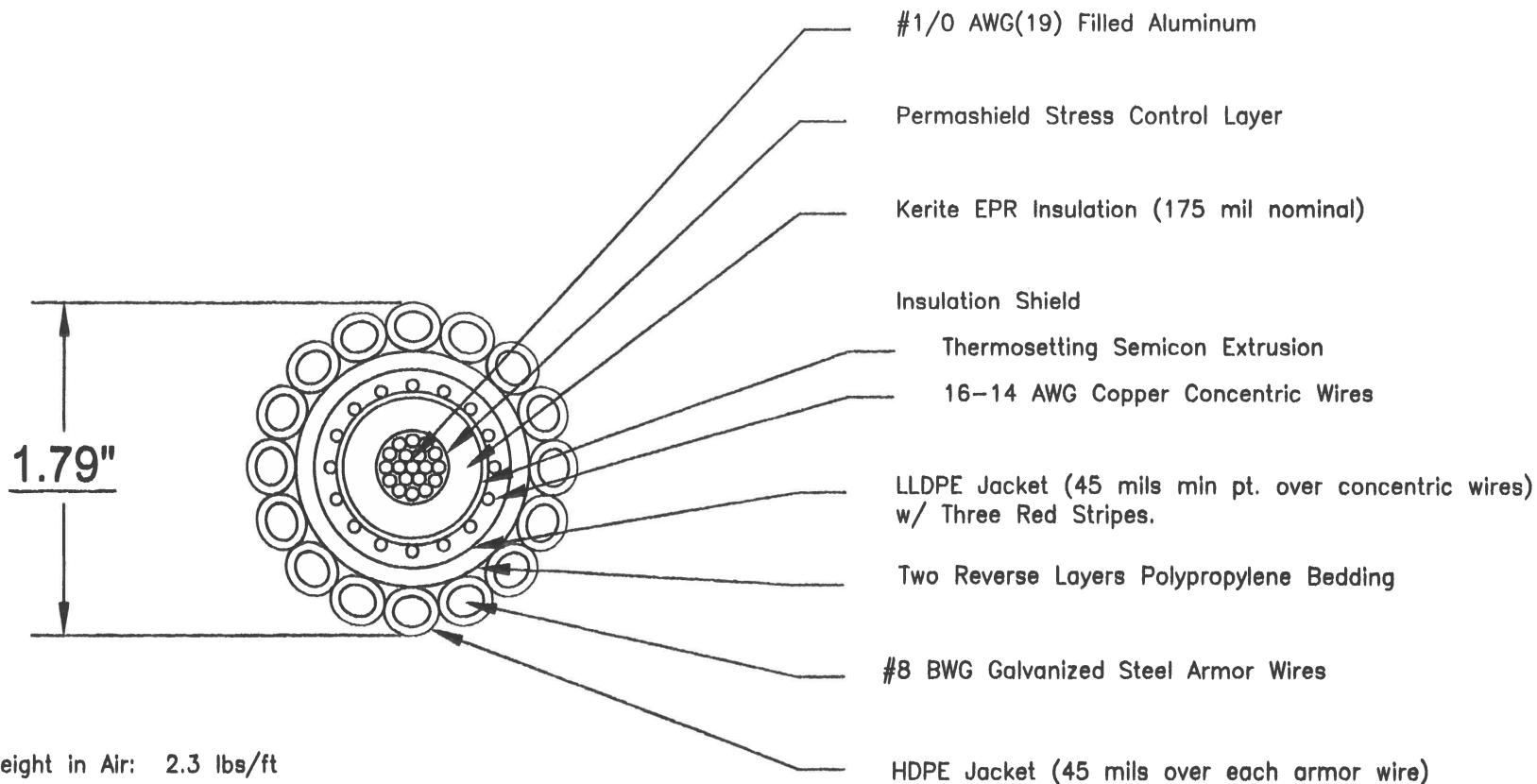
Dan Combes
508-935-1667

leidos

6/28/18



KERITE CATALOG NO. 111F15 - J1208



Approx. Weight in Air: 2.3 lbs/ft

Approx. Weight in Fresh Water: 1.2 lbs/ft

Note: All dimensional data subject to manufacturing tolerances.

Kerite

#1/0 AWG(19) FILLED AL 15KV SPS 100%, 175 MILS KERITE(EP), THERMOSET EXTRUDED SEMICON, 16-#14 AWG CU CONC WIRES, 50 MIL BLACK LLDPE JKT, W/ THREE RED STRIPES, FULL LAYER #8 BWG GALVANIZED STEEL ARMOR WIRES, EACH INDIVIDUALLY JACKETED WITH 45 MILS BLACK HDPE.

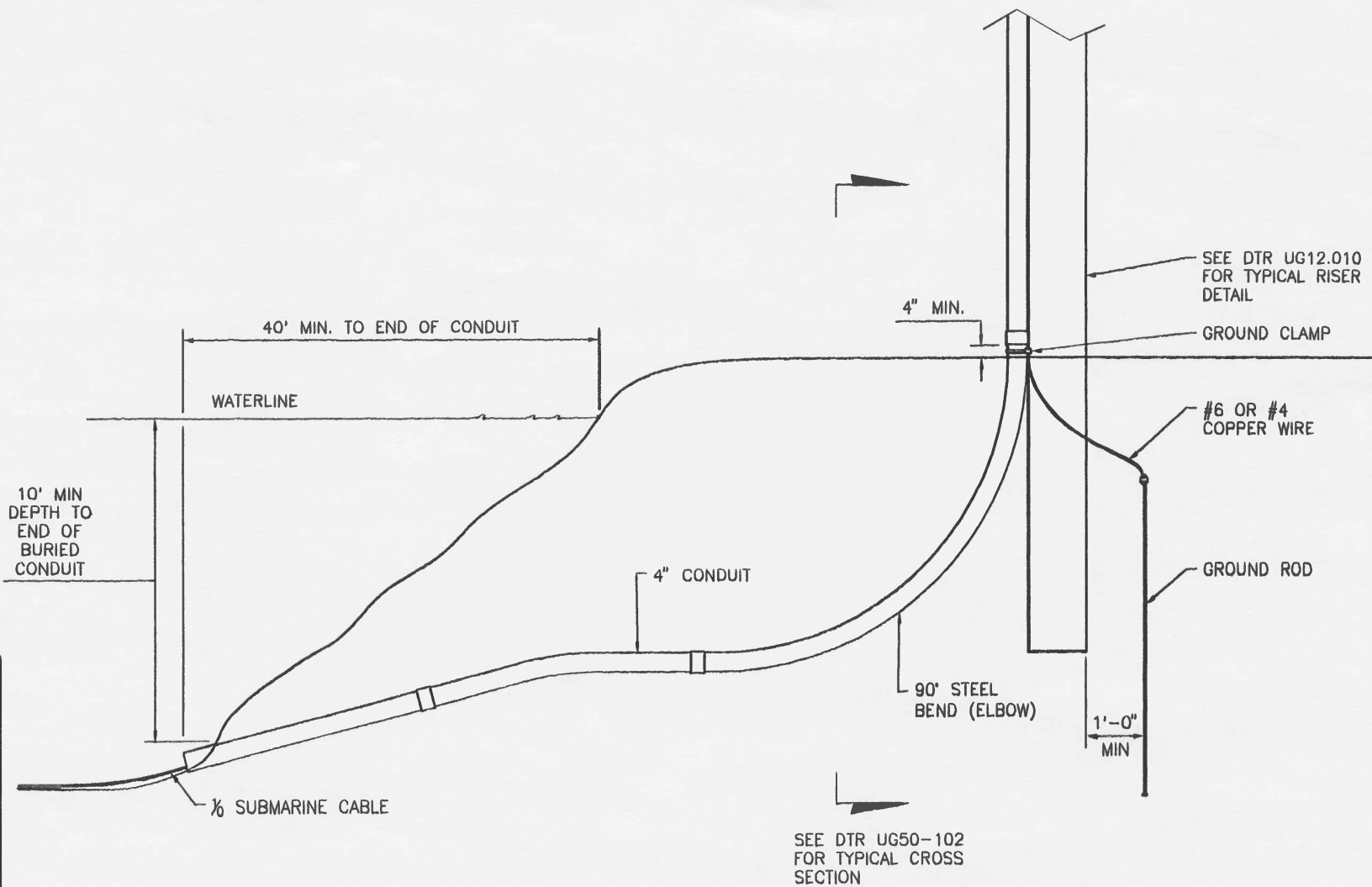
Drawing: 111F15-J1208

Drawn By: *MBD*

Scale: NONE

Appr:

Date: 2/18/16



LAST REVISION DETAIL

TYP. OVERHEAD TO SUBMARINE CABLE TRANS. FOR STRS. 951/47-1 & 953/1			
DRN.	CHKD.	APPR.	
LJC			
		2/14/18	-