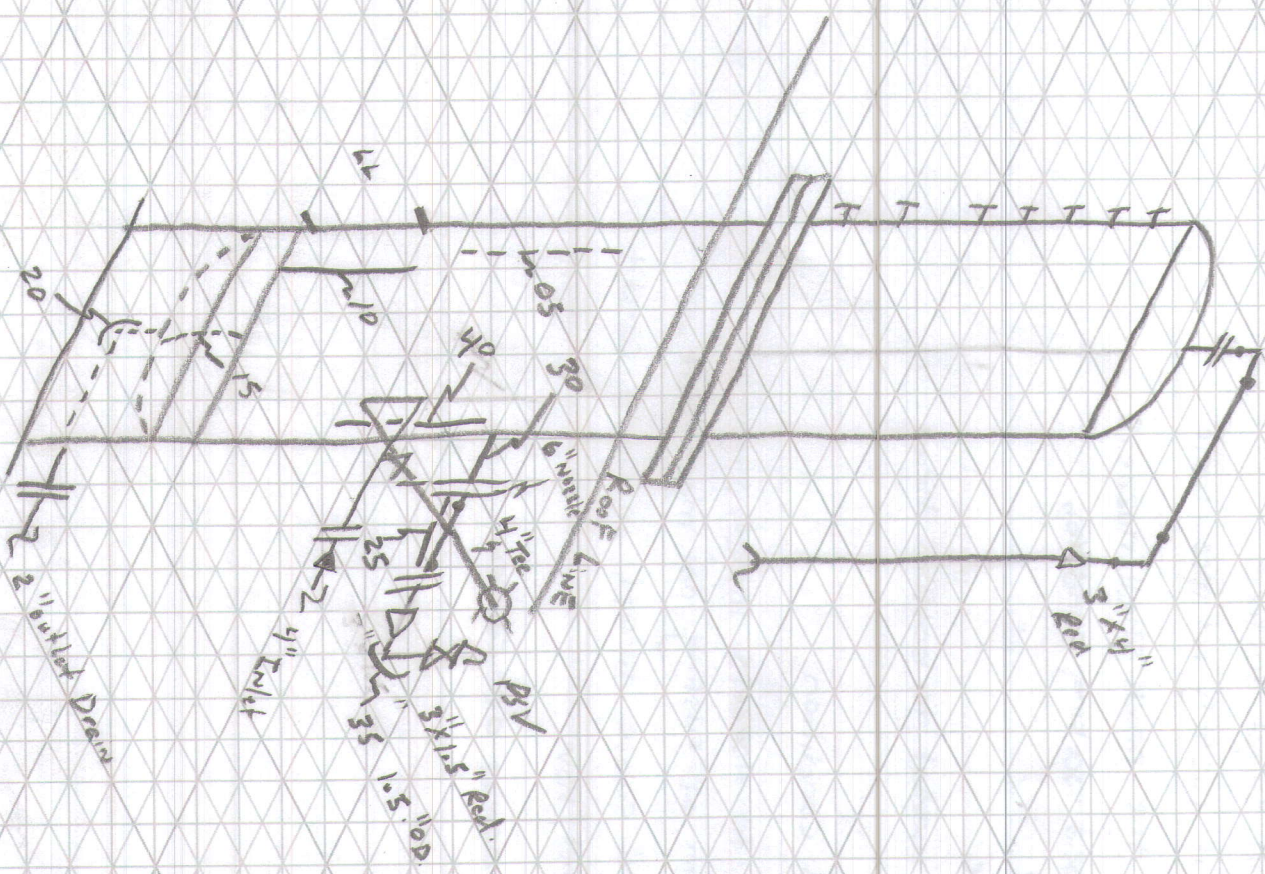
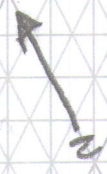




CORROSION INSPECTION SERVICES

Page _____ of _____

05 VON TREB
 10 NLS 7D8"
 15 NBSH T8EB
 20 VOZDE T8a"
 25 HOYTEE EMB
 30 VOBON N84"
 35 VOISOE BT8B
 40 VMSWS T85B



Denny Tower

CUSTOMER: CNRL **FACILITY:** Grand Forks **LSD:** 10-22-012-14W4M
P & ID: _____ **DRAWN BY:** B. Verge **DATE:** 11/06/30/12 **DRAWING NO.:** _____

VESSEL INFORMATION:
 Equip. No. V-480 Pro. Reg. No. (A) 0437520 C.R.N. L0916.213 Serial No. V-2810A2 Yr. Inst. _____
 Code/Div. _____ Size: 24" ID / OD X: 26'0" Manufacturer: OPSCO '92 Industries Ltd. Yr. Blt. 1998
 C. Stamp: yes Service: Sour. PWHT: HT J.E.: _____ Radiography: RT-1 Insulated: NO

HEAD: **SHELL:**
 Top Mat'l. SA-516-70N Top Nom.: 1,140" Top C.A. _____ Material: SA-516-70N Nominal: 1.125" C.A. -125"
 Btm Mat'l. _____ Btm Norm.: _____ Btm C.A. _____

BOOT: **CHANNEL:**
 Head Mat'l.: _____ Head Nom.: _____ Head C.A. _____ Top Mat'l.: _____ Top Nom.: _____ Top C.A. _____
 Shell Mat'l.: _____ Shell Nom.: _____ Shell C.A. _____ Btm Mat'l.: _____ Btm Norm.: _____ Btm C.A. _____
 MAWP Shell Side: 1440 PSI @ Temp. 120°F MAWP Tube Side: _____ @ Temp. _____

PIPING INFORMATION: MOMT - 20°F @ 1440 PSI
 Circuit. No. _____ Line No. (s) **(PLEASE PUT LINE NUMBERS ON APPLICABLE LINES ON THE DRAWING)**
 Piping Class: _____ Service: _____ Yr. Blt. _____
 MAWP: _____ @ Temp. _____ Size & Schedule of Piping **(PLEASE PUT APPROPRIATE SIZES AND SCHEDULES OF PIPING ON DRAWING)**