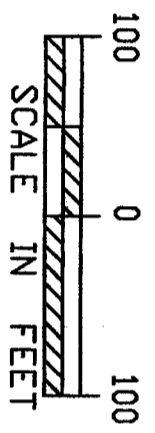
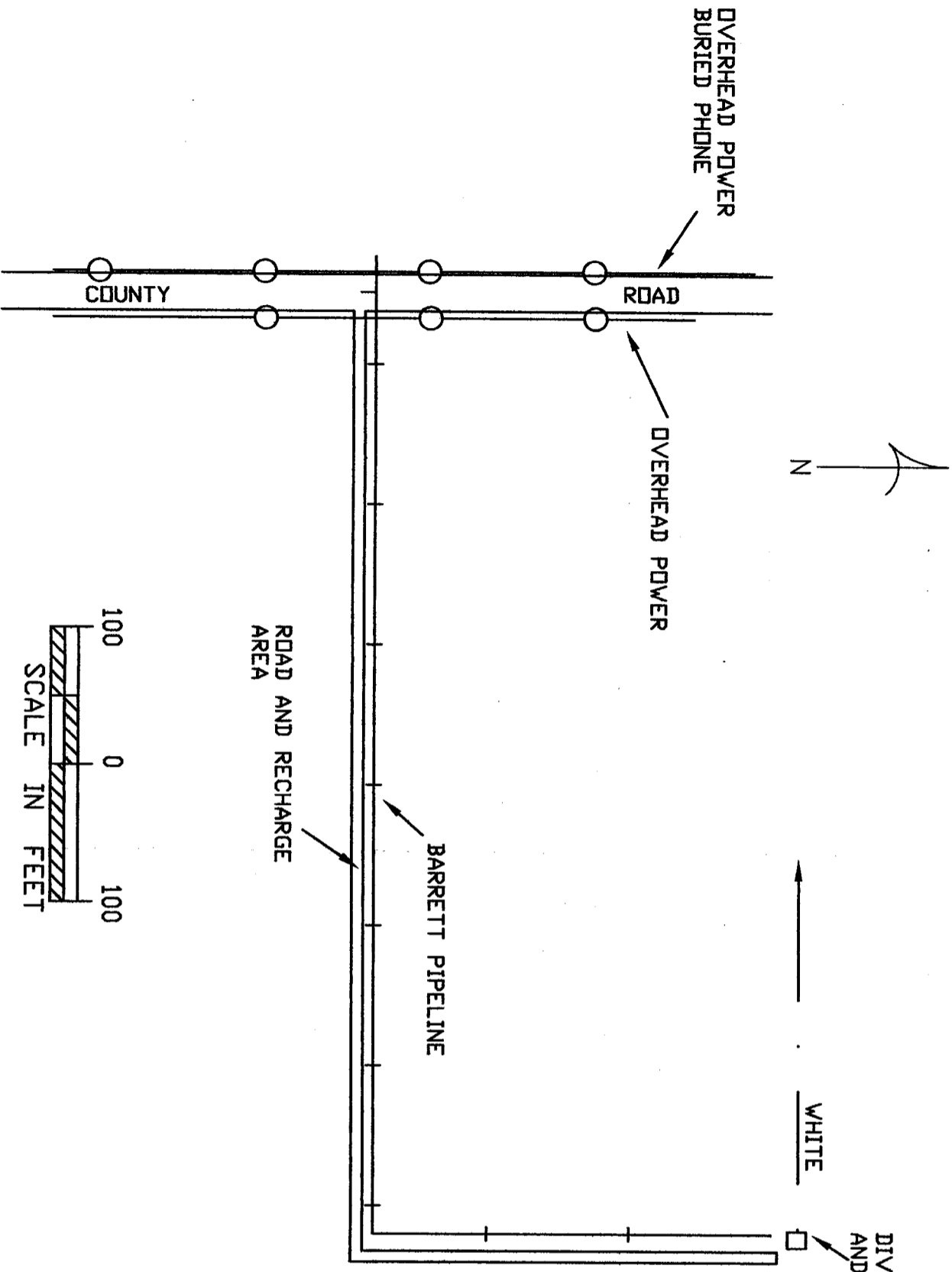
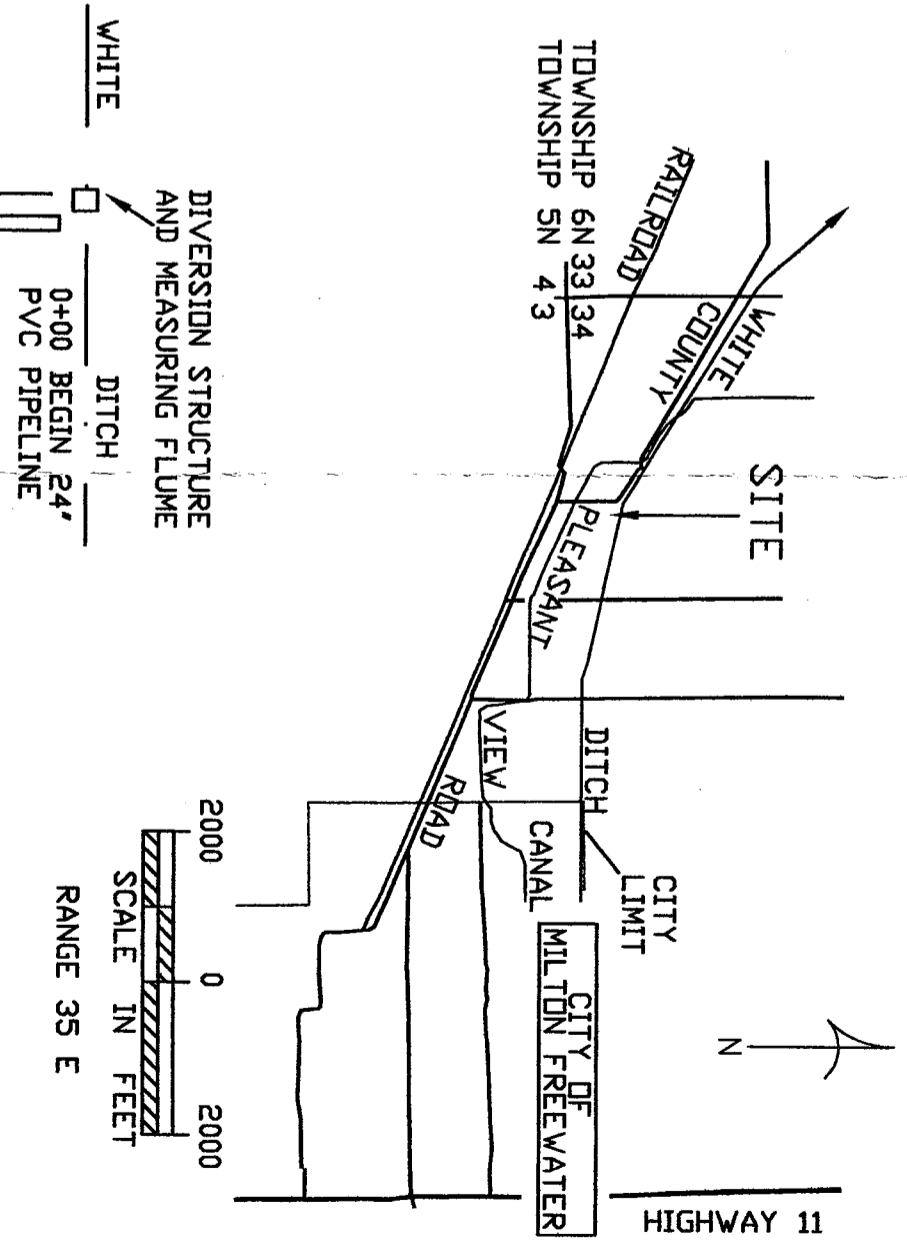


PIPELINE PLAN VIEW



LOCATION MAP



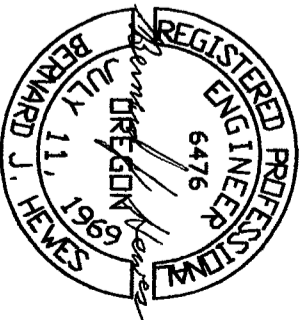
AS BUILT  
COMPLETED CONTRACTOR

Bernard Hewes, BRES/29/2012 145 P:\barrechgsite.dwg

WWBWC/HBDIC BARRETT RECHARGE  
LOCATION MAP & SITE PLAN  
UMATILLA COUNTY, OREGON

DESIGNED	B. HEWES	DATE	10/11
CHECKED			
APPROVED			

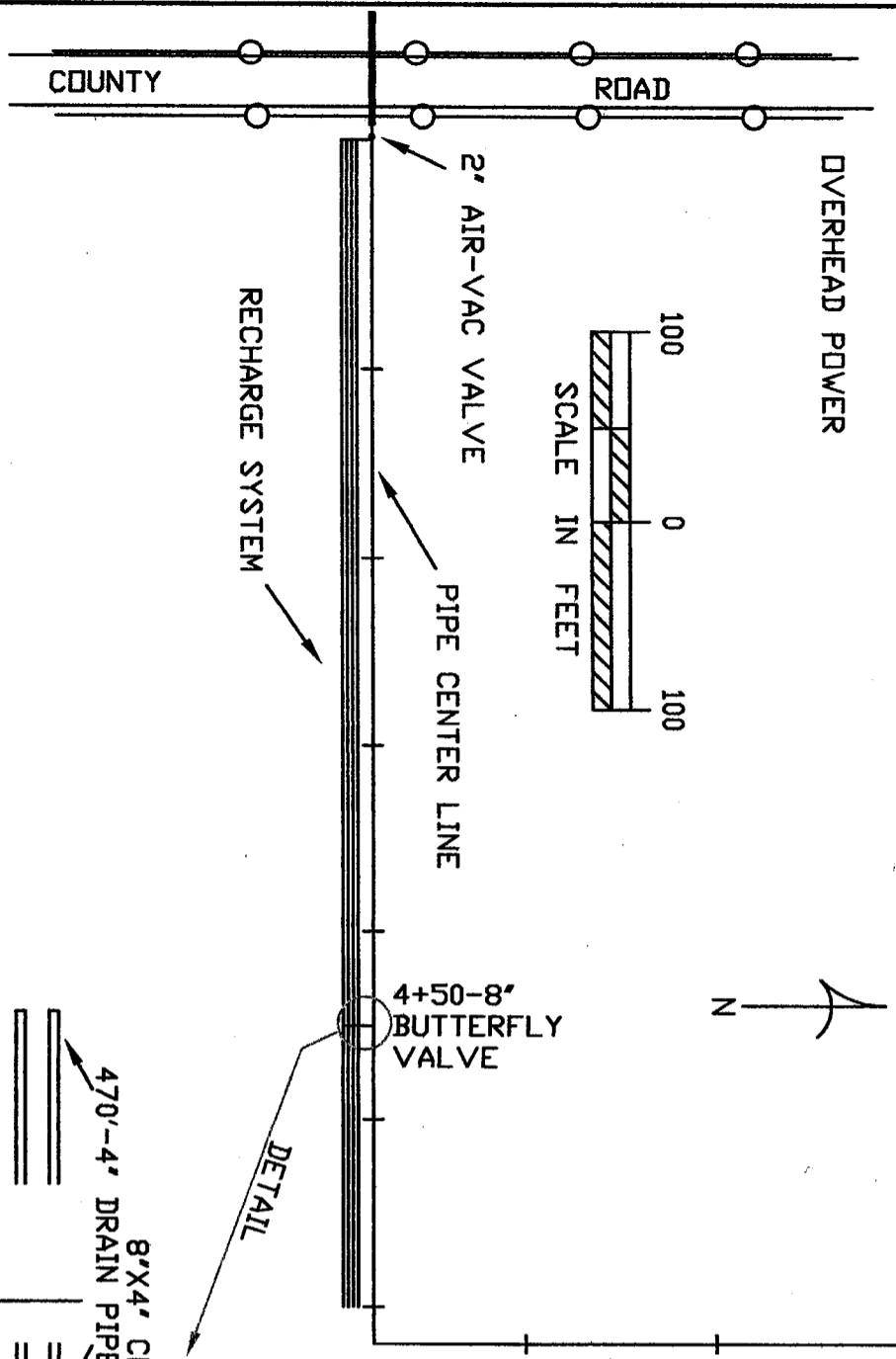
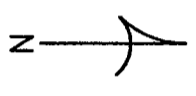
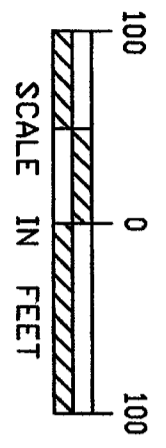
R H ENGINEERING



EXPIRES 6/30/2013

CAD FILE  
barrechgsite  
SHEET 1  
DF 2

OVERHEAD POWER



0+00 BEGIN 24\"/>  
PVC PIPE

BARRETT PIPELINE

4+50-8\"/>  
BUTTERFLY VALVE

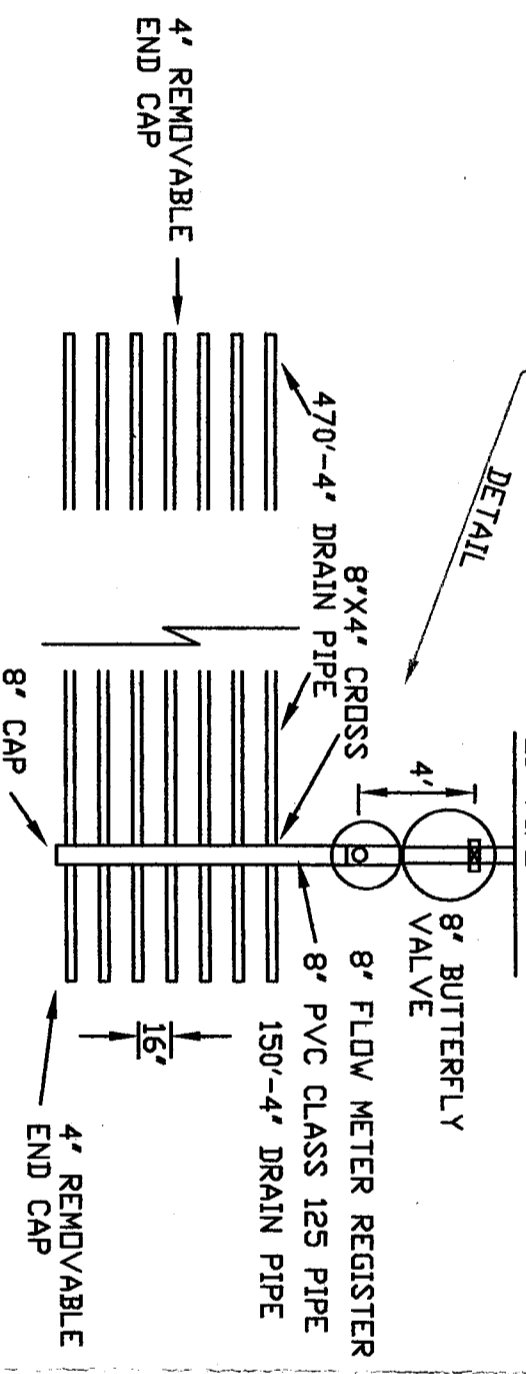
21\"/>  
PIPE

8\"/>  
BUTTERFLY VALVE

8\"/>  
FLOW METER REGISTER

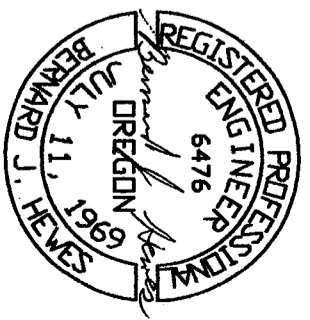
150\"/>  
-4\"  
DRAIN PIPE

4\"/>  
REMOVABLE  
END CAP

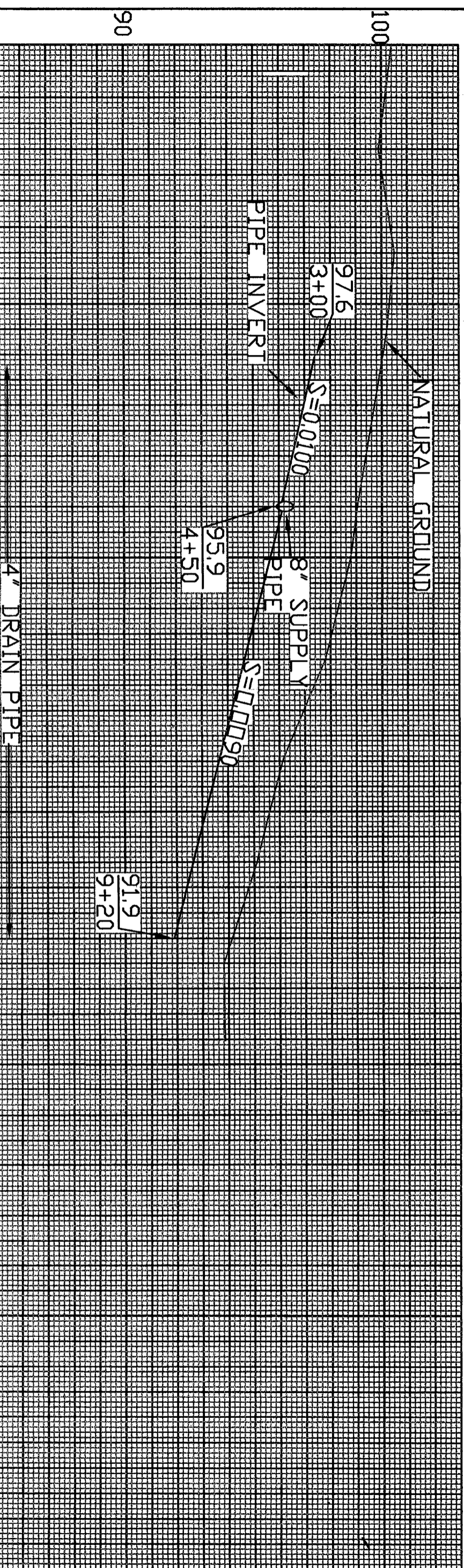


**NOTES**  
INSTALL AN 8\"/>  
FLOW METER A MINIMUM OF 4\"/>  
FROM THE BUTTERFLY VALVE, NEED 4-8\"/>  
VAN STONE STYLE PVC FLANGES.  
DRAIN PIPE TO BE PVC PERFORATED LEACH FIELD PIPE INSTALLED WITH THE SLOTS FACING DOWN.  
BACKFILL THE 4\"/>  
PIPE WITH WASHED GRAVEL 2\"/>  
OR LESS IN DIAMETER, ABOUT 300 CUBIC YARDS NEEDED.  
COVER THE GRAVEL BACKFILL WITH GEOTEXTILE FABRIC ADS BRAND 4000 NON-WOVEN DR EQUIVALENT. NEED ABOUT 8000 SQUARE FEET.  
FOR CLEANING SEDIMENT FROM THE 4\"/>  
PIPE INSTALL A 4\"/>  
WYE AT THE UPSTREAM END OF EACH OF THE PIPES AND AT 100\"/>  
SPACING DOWNSTREAM. CAP EACH WYE AND CUT THE FILTER FABRIC TO FIT AROUND THE WYE.  
TO CLEAN THE PIPE INSERT A HIGH PRESSURE HOSE INTO THE UPSTREAM WYE AND FLUSH THE SEDIMENT DOWNSTREAM. AT THE DOWNSTREAM END EXCAVATE A TRENCH TO COLLECT THE SEDIMENT.

EXPIRES 6/30/2013



Bernard Hewes, ME9/6/2012 222 Pbhrrchg.dwg



# WWBWC/HBDIC BARRETT RECHARGE PIPE PLAN & PROFILE

WAMATTA COUNTY OREGON

DESIGNED	B. HEVES	DATE	10/11
PLOTTED			
APPROVED			

CAD FILE  
barrechg  
SHEET 2  
OF 2