



CSB070000  
 JOB NUMBER  
 SCALE  
 HORIZONTAL: 1"=50'  
 VERTICAL: 1"=5'  
 10 OF 15 SHEETS  
**WT10**  
 SHEET NUMBER  
**BID DOCUMENT**  
 BEYOND ENGINEERING  
 1975 RESEARCH PARKWAY, SUITE 165  
 COLORADO SPRINGS, CO 80920  
 719.268.8300 TEL. 719.268.9200 FAX  
 WWW.NOIETE.COM

**NOTE**  
 WATER SYSTEM IMPROVEMENTS  
 TRANSMISSION LINE REPLACEMENT  
 PLAN & PROFILE STA: 108+00 TO 116+60  
 PREPARED FOR: THE VILLAGE OF CIMARRON  
 DATE SUBMITTED: JUNE 2008  
 CAUTION: The engineer preparing these plans will not be responsible for the construction of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

CALL UTILITY NOTIFICATION  
 CENTER AT  
 1-800-321-ALERT  
 (25378)  
 CALL 2-BUSINESS DAYS IN ADVANCE  
 BEFORE YOU DIG, GRADE, OR EXCAVATE

NOTICE OF EXTENDED PAYMENT PROVISION - THIS CONTRACT  
 ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS  
 AFTER ACCEPTANCE BY THE VILLAGE OF CIMARRON OF AN  
 UNDISPUTED REQUEST FOR PAYMENT.  
 SCALE: 1" = 50'  
 100 50 0 25 50

LEGEND  
 PROPOSED 6" WATER MAIN  
 PROPOSED 2" WATER SERVICE  
 PROPOSED VALVES  
 PROPOSED REDUCER  
 PROPOSED WATER MANHOLE  
 PROPOSED WATER BLOW OFF VALVE  
 RELEASE VALVE  
 EXISTING WATER  
 EXISTING OVER HEAD ELECTRIC  
 EXISTING STORM DRAIN  
 EXISTING CULVERT  
 EXISTING SANITARY SEWER  
 EXISTING WATER VALVES  
 EXISTING REE. VALVES  
 EXISTING GAS METER  
 EXISTING GAS MAHMHOLE

KEYMAP  
 NOT TO SCALE

**WORK COMPLETE**

MATCHLINE STA 108+00  
 SEE SHEET WT09

MATCHLINE STA 108+00  
 SEE SHEET WT09

NOTES:  
 1. FOR PIPE DEFLECTION ANGLES GREATER THAN THE MANUFACTURER TOLERANCE, CONTRACTOR SHALL USE HIGH DEFLECTION COUPLINGS OR APPROVED EQUAL.  
 2. WHEN PROCEEDING WITH NOTE 1 ABOVE, CONTRACTOR SHALL MAINTAIN A MINIMUM DEFLECTION RADIUS OF 300 FT.

INSTALL 10"x6" CROSS W/ 10" GATE VALVE AND TWO (2) 6" GATE VALVE. BLIND FLANGE ON EAST SIDE OF VALVE.  
 STA 111+96  
 396 LF OF 10" C900 PVC TO MATCHLINE (569 LF TOTAL SPAN)  
 5'-0" MIN. COVER (TYP.)  
 12% (TYP) SEE DETAIL "F" ON SHEET WT13  
 INSTALL CONCRETE REVERSE ANCHOR EVERY 50 LF ON SLOPES GREATER THAN 5%  
 STA 111+95  
 ENSURE SANITARY SEWER IS NOT DISTURBED. CONTRACTOR TO FIELD VERIFY.  
 STA 115+56  
 ENSURE SANITARY SEWER IS NOT DISTURBED. CONTRACTOR TO FIELD VERIFY.

STA 115+41  
 INSTALL 10" TEE CONNECT TO EXIST. FIRE HYDRANT  
 STA 115+23  
 EXIST. CULVERT  
 STA 116+00  
 INSTALL BLOW-OFF VALVE  
 STA 116+35  
 INSTALL 11"25" BEND W/TB  
 STA 116+51  
 INSTALL 11"25" BEND W/TB  
 STA 116+60  
 CONNECT TO EXIST. 10" WATERLINE AND INSTALL 10" GATE VALVE  
 18 LF OF 10" C900 PVC  
 327 LF OF 10" C900 PVC  
 9 LF OF 10" C900 PVC  
 16 LF OF 10" C900 PVC  
 35 LF OF 10" C900 PVC  
 9 LF OF 10" C900 PVC  
 EXIST. 10"