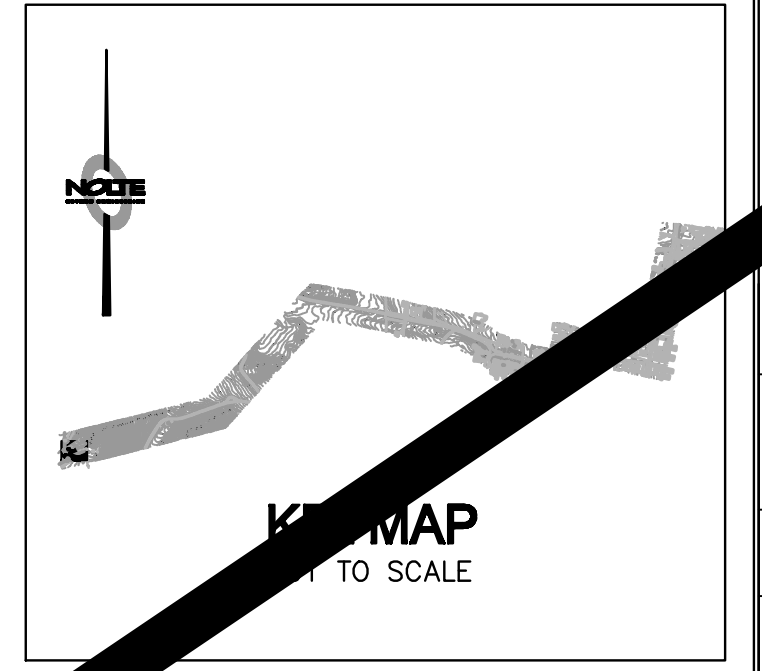


**LEGEND**

—	PROPOSED 6" WATER MAIN
—	PROPOSED 2" WATER SERVICE
⊘	PROPOSED VALVES
⊘	PROPOSED REDUCER
⊘	PROPOSED WATER MANHOLE
⊘	PROPOSED WATER FITTINGS
—	EXISTING WATER
—	EXISTING OVER HEAD ELECTRIC
—	EXISTING STORM DRAIN
—	EXISTING CULVERT
—	EXISTING SANITARY SEWER
⊘	EXISTING WATER VALVES
⊘	EXISTING TREE
⊘	EXISTING GAS METER
⊘	EXISTING GAS MAHMHOLE



NO.	BY	DATE	REVISION
1	JAK	6/27/08	RAW WATER TO THE LEATHER CHECK

**WATER SYSTEM IMPROVEMENTS  
 RAW WATER AUTOMATION  
 SITE PLAN**

DATE SUBMITTED: JUNE 2008

PREPARED FOR: THE VILLAGE OF CIMARRON

**NOTICE**

BEYOND ENGINEERING

COLORADO SPRINGS, CO 80920  
 WWW.NOI.ITE.COM

1975 RESEARCH PKWAY, SUITE 105  
 719.268.8500 TEL. 719.268.9200 FAX

**BID DOCUMENT**

SHEET NUMBER  
**WT11**  
 11 OF 15 SHEETS

SCALE  
 VERTICAL: NA  
 HORIZONTAL: 1"=10'

JOB NUMBER  
**CSB070000**

**WORK COMPLETE**

- 6" 90° BEND W/ T.B.  
16 LF 6" C900 PVC
- 6"x6"x6" TEE W/TB AND ADJACENT 6" VALVE: VALVE 3.1  
N=2,002,423.77  
E=362,574.04
- VALVE 1.1  
3 LF 6" C900 PVC
- 6" 90° BEND W/ T.B.  
22.4 LF  
12 LF 6" C900 PVC
- 5 LF 6" C900 PVC VALVE 2.1
- GUARD POSTS AROUND 6" DIP VENT  
DETAIL D SHEET WT13
- 6" 90° BEND W/ T.B.  
3 LF 6" C900 PVC
- 12 LF 6" C900 PVC
- 6" 90° BEND W/ T.B.  
ABANDON 17 LF OF EX. RAW WATER PIPE  
SEE SHEET WT12 FOR VAULT DETAILS
- 6" 90° BEND W/ T.B.  
9 LF 6" DIP
- EX. VALVE 3  
N=2,002,402.89  
E=362,582.25
- EX. VALVE 1

- NOTES:**
- ALL PIPING SHALL BE 6" DIP UNLESS OTHERWISE NOTED.
  - ALL MAJOR VAULT PIPING IS TO BE FLANGED DUCTILE IRON MANUFACTURED ACCORDING TO ANSI/AWWA C110/A21.10 AND SHALL HAVE A MINIMUM WATER WORKING PRESSURE OF 250PSI. ALL FLANGES ARE TO BE DUCTILE IRON, AND MANUFACTURED ACCORDING TO ANSI/AWWA C115/A21.15. MINIMUM WATER WORKING PRESSURE OF ALL FLANGED CONNECTIONS SHALL BE 250 PSI. FLANGED COUPLING ADAPTERS ARE TO BE FORD METER BOX COMPANY STYLE FFCA, AND FULLY RESTRAINED BETWEEN FLANGES WITH TIE RODS. SEE DETAIL SHEET FOR TIE ROD DETAILS.
  - CONTRACTOR SHALL NOTIFY VILLAGE 48 HOURS PRIOR TO CONSTRUCTION TO ENTER THE FACILITY. DAILY COORDINATION SHALL BE CONDUCTED WITH VILLAGE FOR SITE SECURITY.
  - RE: SHEET WT-12 FOR VAULT DETAILS
  - ALL DIMENSIONS OF PIPING SHOWN IN VAULT ARE APPROXIMATE. DRAWING IS INTENDED TO SHOW THE PROPER PLACEMENT OF EQUIPMENT AND SPOOL PIECES. BECAUSE OF VARIATIONS IN LAYING LENGTHS OF VALVES AND OTHER APPURTENANCES, CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND PROPER PLACEMENT OF ALL EQUIPMENT
  - 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.
  - CONCRETE VAULT SHALL BE MADE OF TYPE II OR TYPE I-II CEMENT WITH A POZZOLON ADDITIVE CONSISTING OF CLASS F FLY ASH. RE: SOILS REPORT.

SCALE: 1" = 10'

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