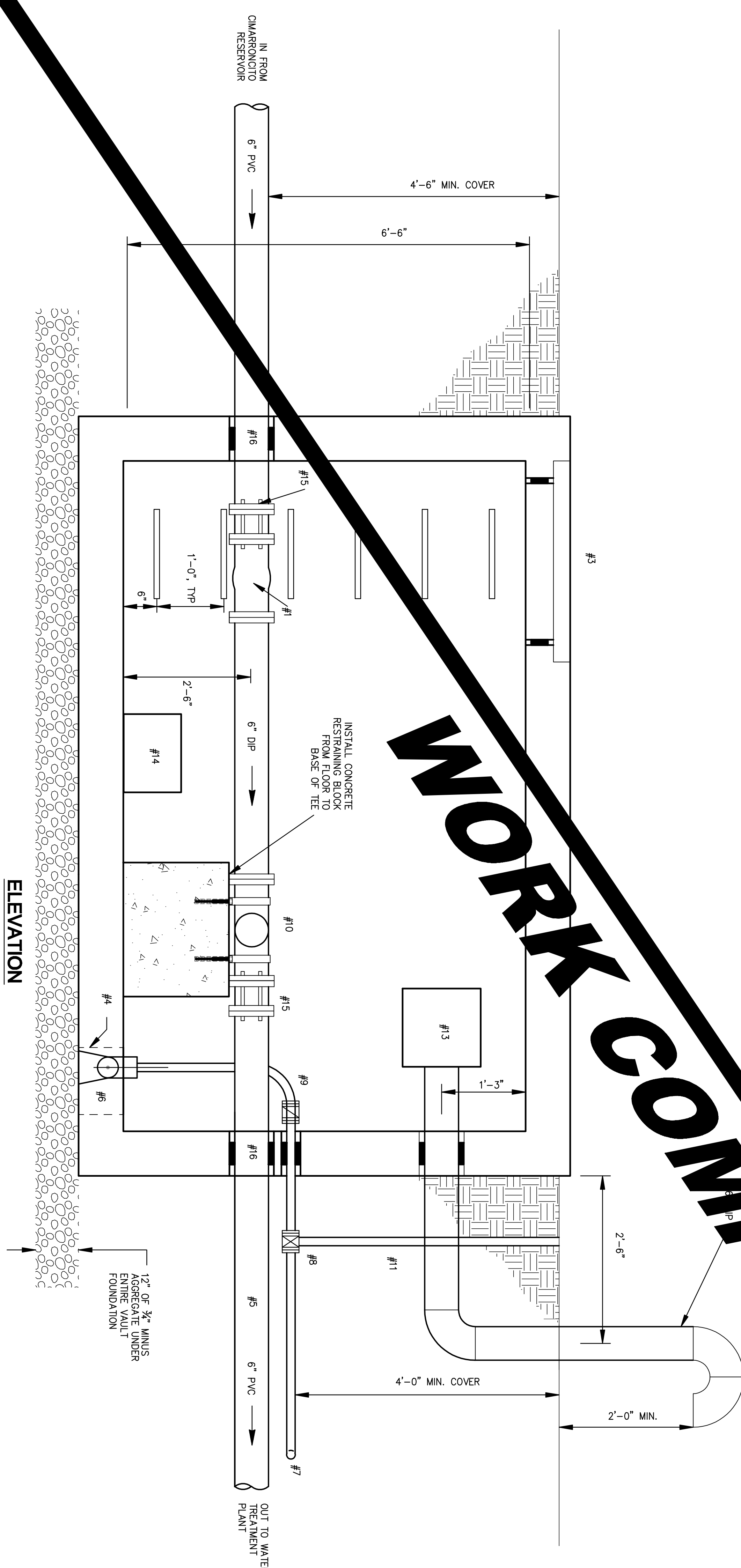


PLAN VIEW
SCALE: 1" = 1'



ELEVATION
SCALE: 1" = 1'

DETAIL NOTES

1. 6" PNEUMATIC ACTUATED BUTTERFLY VALVE 1.1
2. 6" PNEUMATIC ACTUATED BUTTERFLY VALVE 2.1
3. 3" X 3" HATCH
4. SUMP PIT
5. 6" DIP TO WATER TREATMENT PLANT
6. 4 HP SUMP PUMP WITH 12" AIR COMPRESSOR
7. 2" COUPLER WITH PUMP
8. 2" COUPLER WITH STOP VALVE
9. 2" CHECK VALVE
10. 6" X 6" X 6" TEE WITH CONCRETE RESTRAINING BLOCK, FASTEN STRAPS AROUND TEE.
11. VALVE RISER SET TO GRADE
12. 6" CHECK VALVE
13. AIR COMPRESSOR
14. 12" AIR COMPRESSOR
15. 6" DIAM. BRASS COUPLER
16. DIP TO WATER TREATMENT PLANT

NOTES:

1. ALL ACTUATORS SHALL BE DEZURIK OS-6-S06 PNEUMATIC CONTROLS WITH SPRING LOADED RETURN TO EQUAL.
 2. HATCH SHALL BE BILCO TYPE J4-AL-120 OR EQUAL.
 3. ALL ELECTRICAL/MECHANICAL CONSTRUCTION DRAWINGS AND CONTROLS.
 4. CONTRACTOR SHALL SUBMIT SHOP DRAWING DESIGNS OF PRE-CAST STRUCTURE FROM A CERTIFIED PRE-CAST CONCRETE STRUCTURE MANUFACTURER APPROVED BY NEW MEXICO PUBLIC WORKS STANDARDS W/ DIMENSIONS AND PENETRATIONS AS SHOWN.
 5. ALL DIMENSIONS OF PIPING SHOWN 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.
 6. CONTRACTOR TO INSTALL AMERITROL FLOW SWITCHES OR APPROVED EQUAL AT CHLORINE GAS AND LIMB/ALUM SOURCES OF FEED COMPANIE WITH ELECTRICAL/MECHANICAL REQUIREMENTS.
 7. 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.
 8. MANHOLE STEPS SHALL BE M.A. INDUSTRIES, INC. MODEL 12" DELTA PIPE PRODUCT. MANHOLE STEPS SHALL BE INSTALLED AT 12" SPACING ON CENTER. STEPS SHALL BE EMBEDDED IN THE WALL A MINIMUM OF 3" AND PROTRUDE A MINIMUM OF 4-3/4" FROM THE INTERIOR SURFACE OF THE WALL. ACCEPTABLE STEP INSTALLATIONS MUST BE CAPABLE OF WITHSTANDING A 400 POUND HORIZONTAL PULL OUT LOAD APPLIED IN ACCORDANCE WITH ASTM C-497.
- VALVE AUTOMATION OPERATION PARAMETERS:**
1. VALVE 1.1 AND 2.1 SHALL DEFAULT TO CLOSE UNLESS SPECIFICALLY OPENED AS DESCRIBED BELOW
 2. CALL CIMARRONCITO RESERVOIR:
 - A. FILL LAMBERT TANK: OPEN VALVE 1.1
 - B. LAMBERT TANK FULL: CLOSE VALVE 1.1
 3. CALL RIVER PUMPS:
 - A. FILL LAMBERT TANK: OPEN VALVE 2.1
 - B. LAMBERT TANK FULL: CLOSE VALVE 2.1
 4. WHEN BOTH VALVES DEFAULT CLOSED, AUTO-DIALER SHALL NOTIFY OPERATOR TO MANUALLY SHUT DOWN CHEMICAL FEED SYSTEM.

WORK COMPLETE

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

**WATER SYSTEM IMPROVEMENTS
 RAW WATER AUTOMATION
 VAULT DETAIL**

NOLTE
 BEYOND ENGINEERING
 1975 RESEARCH PKWAY, SUITE 165 COLORADO SPRINGS, CO 80920
 719.268.8500 TEL. 719.268.9200 FAX WWW.NOLTE.COM

BID DOCUMENT

SHEET NUMBER: **WT12**
 12 OF 15 SHEETS
 SCALE: VERTICAL: 1"=5' HORIZONTAL: 1"=50'

JOB NUMBER: **CSB070000**

NO.	BY	DATE	REVISION
1	JKH	6/21/06	RAW WATER TO LEATHER CHAPS DR.

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.