



- KEY NOTES:**
- 1. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 2/M-5.
 - 2. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 10/M-5.
 - 3. SLEEVE COUPLING, SEE DETAIL 1/M-9 AND SPECIFICATION SECTION 33 14 13.
 - 4. DRAINING JOINT, SEE SPECIFICATION SECTION 33 14 13.
 - 5. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 11/M-5.
 - 6. RESTRAINED MECHANICAL JOINT SOLID SLEEVE.
 - 7. PLASTIC COATED MANHOLE STEPS AT 12" ON CENTER, SEE DETAIL 5/D-1.
 - 8. ACCESS LADDER WITH FALL PROTECTION EQUIPMENT, SEE STRUCTURAL DRAWINGS.
 - 9. 36"x36" SINGLE LEAF ACCESS HATCH, SEE STRUCTURAL DRAWINGS.
 - 10. 24"x36" SINGLE LEAF ACCESS HATCH, SEE STRUCTURAL DRAWINGS.
 - 11. PEDISTAL MOUNTED HANDWHEEL SLIDE GATE OPERATOR.
 - 12. VALVE BOX WITH CONCRETE COLLAR, SEE DETAIL 1/M-1003 AND SPECIFICATION SECTION 33 14 19.
 - 13. 36" W CAST IRON MANHOLE COVER AND FRAME, MEDIAN FOUNDRY CATALOG NUMBER R-1738-02 OR ENGINEER APPROVED EQUAL.
 - 14. FOR VENT SEE DETAIL 2/D-3.
 - 15. SUBMERSIBLE PUMP GUIDE RAILS BY PUMP MANUFACTURER, SUPPORT IN ACCORDANCE WITH PUMP MANUFACTURER'S WRITTEN RECOMMENDATIONS.
 - 16. CONCRETE SLAB EXTENSION BY PRECAST CONCRETE VAULT JOINTS: THE SLAB EXTENSION SHALL BE DESIGNED BY THE PRECAST CONCRETE VAULT VENDOR IN ACCORDANCE WITH THE SITE SOILS REPORT TO NEAREST BUSINESS ADDRESS. DESIGN CRITERIA SHALL BE A SAFETY FACTOR 1.5 FOR BUOYANCY AND THE OVERLAP WATER LINE SHALL BE CONSIDERED TO BE THE FINISHED GRADE ELEVATION. THE SLAB EXTENSION IS SHOWN FOR RECORD PURPOSES ONLY. COORDINATE FINAL CONSTRUCTION WITH PRECAST CONCRETE VAULT VENDOR DURING THE SUBMITTAL PHASE OF THE PROJECT.
 - 17. FOR VENT SEE DETAIL 8/M-7.
 - 18. PIPE PENETRATION THROUGH CONCRETE SLAB, SEE DETAIL 2/M-5.
 - 19. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 4/M-5.
 - 20. DRAIN CHASE, SEE SPECIFICATION SECTION 41 22 13.
 - 21. 36"x36" SINGLE LEAF ACCESS HATCH, HALEY SERIES W1C, 300 PSF LOAD RATING OR ENGINEER APPROVED EQUAL.
 - 22. SLOPE 1-1/2" DRAIN LINE DOWN TO FILTRATION BED AT 1/4" PER FOOT MINIMUM. TERMINATE PIPE 6"-0" MINIMUM FROM OUTSIDE FACE OF WALL.
 - 23. DRAIN FILTRATION BED SHALL BE 1.0 CUBIC FEET OF 3/4" CLEAN CRUSHED ROCK FULLY WRAPPED IN MWAF PW SERIES GEOTEXTILE FABRIC.

SECTION
M-1000, M-1001, M-1002
SCALE: 3/8"=1'-0"

Dewberry Dewberry Engineers Inc. 990 S. BROADWAY, SUITE 400 Denver, Colorado 80209 (303) 825-1802	LINE IS 2 INCHES 24" FULL BOX (BY NOT 2" HOLES ACCORDING)		APPROVED: _____ PRINCIPAL: _____ DATE: _____	REVISIONS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>80% DESIGN REVIEW RE-SUBMITTAL</td> <td>JJA</td> <td>03/26/24 CTW</td> <td></td> </tr> <tr> <td>B</td> <td>80% DESIGN REVIEW RE-SUBMITTAL REVISION 1</td> <td>JJA</td> <td>03/22/24 CTW</td> <td></td> </tr> <tr> <td>C</td> <td>80% DESIGN REVIEW SUBMITTAL</td> <td>JJA</td> <td>06/14/24 CTW</td> <td></td> </tr> <tr> <td>D</td> <td>100% DESIGN SUBMITTAL</td> <td>JJA</td> <td>09/06/24 CTW</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	BY	DATE	APP.	A	80% DESIGN REVIEW RE-SUBMITTAL	JJA	03/26/24 CTW		B	80% DESIGN REVIEW RE-SUBMITTAL REVISION 1	JJA	03/22/24 CTW		C	80% DESIGN REVIEW SUBMITTAL	JJA	06/14/24 CTW		D	100% DESIGN SUBMITTAL	JJA	09/06/24 CTW		TOWN OF GYPSUM GYPSUM, COLORADO WASTEWATER TREATMENT PLANT EXPANSION AND IMPROVEMENTS	MECHANICAL INFLUENT LIFT STATION SECTION	DATE: 02/06/24 PROJECT: 00144568 DRAWING NO.: M-1002
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