



- GENERAL NOTES:**
1. THE ARRANGEMENT OF EQUIPMENT SHOWN IS NOT INTENDED TO SHOW EXACT DIMENSIONS PARTICULAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE IN PART UNDIMENSIONED, AND SOME FEATURES OF EQUIPMENT SHOWN MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT REQUIREMENTS. THE CONTRACTOR SHALL CONFIRM ALL CRITICAL DIMENSIONS FOR ACTUAL EQUIPMENT THAT MAY IMPACT CONSTRUCTION, ACCESS, OR REMOVAL AND MAINTENANCE OF EQUIPMENT.
  2. ALL PIPING CONNECTING TO EQUIPMENT SHALL BE PROVIDED WITH UNIONS OR COMPANION FLANGES LOCATED SO THAT PIPING MAY BE READILY DISMANTLED FROM EQUIPMENT.
  3. PROVIDE WPT BURNINGS OR CARVED WELDOLETS ON SUCTION AND DISCHARGE PIPING AT PUMPS FOR REMOVABLE PRESSURE INDICATOR.
  4. ALL NEW OR RELOCATED EQUIPMENT SHALL BE PROVIDED WITH A CONCRETE EQUIPMENT PAD UNLESS NOTED OTHERWISE. EQUIPMENT PAD SHALL EXTEND 4\"/>

- KEY NOTES:**
1. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 2/A-5.
  2. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 10/A-5.
  3. SLEEVE COUPLING, SEE DETAIL 1/A-9 AND SPECIFICATION SECTION 33 14 13.
  4. DISMANTLING JOINT, SEE SPECIFICATION SECTION 33 14 13.
  5. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 11/A-5.
  6. RESTRAINED MECHANICAL JOINT SOLID SLEEVE.
  7. PLASTIC COATED WINDMILL STEPS, SEE DETAIL 5/D-1.
  8. ACCESS LADDER WITH FALL PROTECTION EQUIPMENT, SEE STRUCTURAL DRAWINGS.
  9. CONCRETE SLAB EXTENSION BY PRECAST CONCRETE VAULT VENDOR. THE SLAB EXTENSION SHALL BE DESIGNED BY THE PRECAST CONCRETE VAULT VENDOR IN ACCORDANCE WITH THE SITE SOILS REPORT TO RESIST BUOYANCY. ADDITIONAL DESIGN CRITERIA SHALL BE A SAFETY FACTOR 1.5 FOR BUOYANCY AND THE GROUND WATER LINE SHALL BE CONSIDERED TO BE THE FINISHED GRADE ELEVATION. THE SLAB EXTENSION IS SHOWN FOR BRIDGE PURPOSES ONLY. COORDINATE FINAL CONFIGURATION WITH PRECAST CONCRETE VAULT VENDOR DURING THE SUBMITTAL PHASE OF THE PROJECT.
  10. PRESSURE TRANSDUCER WITH STILLING WELL, SEE ELECTRICAL DRAWINGS.
  11. LEVEL FLOATS, SEE ELECTRICAL DRAWINGS.
  12. PIPE PENETRATION THROUGH CONCRETE WALL, SEE DETAIL 4/A-5.
  13. SLOPE 1-1/2\"/>

**PLAN LOWER LEVEL**  
SCALE: 3/8\"/>

<b>Dewberry</b> Dewberry Engineers Inc. 990 S. BROADWAY, SUITE 400 Denver, Colorado 80209 (303) 525-1902	DRAWING: <b>MP144569-1000</b> DRAWN: <b>JSA</b> DESIGNED: <b>JVM</b> CHECKED: <b>CTW</b>		ASSIGNED: _____ PRINCIPAL: _____ DATE: _____	REVISIONS <table border="1"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> <th>APP.</th> </tr> <tr> <td>A.</td> <td>BOX DESIGN REVIEW RE-SUBMITTAL</td> <td>JJA</td> <td>03/15/24</td> <td>CTW</td> </tr> <tr> <td>B.</td> <td>BOX DESIGN REVIEW RE-SUBMITTAL REVISION 1</td> <td>JJA</td> <td>03/22/24</td> <td>CTW</td> </tr> <tr> <td>C.</td> <td>BOX DESIGN REVIEW SUBMITTAL</td> <td>JJA</td> <td>04/14/24</td> <td>CTW</td> </tr> <tr> <td>D.</td> <td>100% DESIGN SUBMITTAL</td> <td>JJA</td> <td>05/06/24</td> <td>CTW</td> </tr> </table>	REV.	DESCRIPTION	BY	DATE	APP.	A.	BOX DESIGN REVIEW RE-SUBMITTAL	JJA	03/15/24	CTW	B.	BOX DESIGN REVIEW RE-SUBMITTAL REVISION 1	JJA	03/22/24	CTW	C.	BOX DESIGN REVIEW SUBMITTAL	JJA	04/14/24	CTW	D.	100% DESIGN SUBMITTAL	JJA	05/06/24	CTW	<b>TOWN OF GYPSUM</b> <b>GYPSUM, COLORADO</b>  <b>WASTEWATER TREATMENT PLANT</b> <b>EXPANSION AND IMPROVEMENTS</b>	<b>MECHANICAL</b>  <b>INFLUENT LIFT STATION</b> <b>LOWER LEVEL PLAN</b>	DATE: 02/06/24 PROJECT: 50144069 REVISION NO.: 0 DRAWING NUMBER: <b>M-1000</b>
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