A. CONSTRUCTION AND EMERGENCY ACCESS NOTES: This page contains the emergency access notes typically shown on all water plans.

1. All new water mains shall be marked with a minimum cover of 0.5 ft. (15 cm) unless otherwise indicated on these plans.
2. All existing water mains shall be marked with a minimum cover of 0.5 ft. (15 cm) unless otherwise indicated on these plans.
3. Access for fire hydrant shall be the same as specified for the city of Tucson Fire Department (4 inch minimum access). Exception: access may be larger in size.

B. LOW-PRESSURE AND HIGH-PRESSURE NOTES: This project may require either higher or lower water pressure from the existing water pressure within the area.

1. For a single-family residential development, the water pressure should be at least 60 psi (4.0 bar).
2. For a multi-family commercial or industrial development, the water pressure should be at least 80 psi (5.5 bar).
3. This project may require higher than normal water pressure and may require individual pressure regulators or other devices to ensure adequate water pressure.

C. LARGE (3" OR LARGER) WATER METER: This project requires the use of a large water meter. A large water meter (10" diameter) is recommended to ensure adequate water pressure and flow capacity for the project.

D. PROTECTED MAIN AND/OR FACILITY NOTES: The new water main designated on this plan is protected for a period of 15 years. The protected water main is designated on Section 2.4 of the Tucson code for the proposed protected water main. The project owner will be responsible for maintaining the protected water main and ensuring its integrity.

E. FIRE SPRINKLER SYSTEM NOTES: The fire sprinkler system is designed to meet code requirements and will be installed as required.

F. BILLING AND SPECIAL CONNECTION FEE NOTES: This project does not have any special billing or connection fees associated with it.

G. FINAL ACCEPTANCE OF CONSTRUCTION NOTES: The final acceptance of the construction will be based on the completion of all required inspection and testing activities.

1. No final acceptance letter may be issued for this project until the final inspection has been completed and approved by the appropriate authorities.
2. No final acceptance letter may be issued for this project until the final inspection has been completed and approved by the appropriate authorities.
### WATER SYMBOLS

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>SYMBOL</th>
<th>EXISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LEGEND

- **NEW**
- **EXISTING**

### ABBREVIATIONS

<table>
<thead>
<tr>
<th>ABBREVIATION</th>
<th>MEANING</th>
</tr>
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</table>

### PHYSICAL CATEGORIES

- **NEW RECEPTACLE**
- **NEW OUTLET**
- **NEW CONDUCTOR**
- **NEW CIRCUIT**

### BOUNDARY AND MARKER SYMBOLS

- **EXIT PRECEDENT**
- **PARKING**
- **FREEWAY**

### SHEET NUMBER SYMBOLS

- **EXIT ONLY**
- **EXCEPT WHERE SHOWN**

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**Sheet Note:**
- **NOTE:**
- **MEMO:**
- **TABLE:**

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**Page Numbers for Water System Modifications (MODS) Only:**

**Engineer's Seal:**
THIS SHEET OPTIONAL
Project specific details are required, use space available on sheet W3 or this sheet.
INCLUDE SURVEY CONTROL LAYOUT INFORMATION NEEDED TO CONSTRUCT.
ANY EASEMENTS DEDICATED TO THE PROJECT WILL BE ADDED TO THIS SHEET.
ALL CURRENT PROJECTS SHALL BE IN STATE PLANE COORDINATE SYSTEM
COLOR CODE IS USE FOR:
EXIST CULTURE/SCALE/CODING/TWIN LINIERWORK

1. LINE TYPE SIMPLIFIED SIMPLE = NORMAL
2. COLOR 36 IS A COMBINATION OF COLORS RAY AND 
   RED THE COLOR SHOWN IN THE PROPOSED FULL SIZE 
   AS COLOR 1015/10
3. COLOR 245 IS A NON-STEP SOLID MATCH USED AS 
   BRIGHT AND DRAWN
4. LINE TYPE IS DRAWN IN OTH FILE
5. DO NOT USE TEXTOMATIC BAR/LOGO COLORS 25, 41, 66 
   THE 24, 25, 245, 245 AND 253

Example:

[Diagram showing line types and color codes with examples]