



NOTES

1. JUMPER PIPING AND MATERIALS TO BE THOROUGHLY CLEANED AND DISINFECTED WITH 5% HYPOCHLORITE SOLUTION PRIOR TO INSTALLATION.
 2. JUMPER CONSTRUCTION OTHER THAN SHOWN AND SPECIFIED WILL NOT BE ALLOWED WITHOUT PERMISSION OF DISTRICT.
 3.

| MAIN SIZE | MINIMUM JUMPER PIPE SIZE |
|---------------|--------------------------|
| 6" AND 8" | 2" |
| 10" AND 12" | 4" |
| 14" AND 16" | 6" |
| 18" OR LARGER | 8" |
- JUMPER PIPE SIZE MUST CORRESPOND WITH LARGEST DIAMETER SIZED PIPE ON PROJECT.
4. JUMPER PIPING MAY BE INSTALLED EITHER ABOVE GROUND OR IN A DIRECT ALIGNMENT, AS INDICATED ABOVE ON PROFILE.
 5. JUMPER PIPING MATERIAL SHALL BE STEEL (OR IRON) UNLESS OTHERWISE NOTED.
 6. FOR VALVE BOX INSTALLATION, SEE STANDARD DRAWING VB-1-08.
 7. JUMPER PIPING SHOWN WITH THREADED CONNECTIONS, HOWEVER, FLANGED CONNECTIONS ARE ALSO ACCEPTABLE.

| ITEM | MATERIAL DESCRIPTION. SEE NOTES |
|------|---|
| 1 | CHECK VALVE |
| 2 | GATE VALVE |
| 3 | TEE |
| 4 | 90° ELL |
| 5 | PIPE |
| 6 | UNION OR FLEX COUPLING |
| 7 | TAPPED PLUG OR CAP |
| 8 | 1" COPPER TUBING WITH 1" BRASS ANGLE METER STOP |
| 9 | 1" BRASS CORP STOP |

APPROVED Albert Chavez 12/15/2008
ENGINEERING MANAGER DATE

| | | | | | | | |
|-----|-------|---------------|------|-----|------|-----------|-----|
| | | DESIGNED | ACWD | | | | |
| | | DRAWN | RMF | | | | |
| 0 | 12-08 | NEW STD. DWG. | | RMF | LJA | CHECKED | LJA |
| NO. | DATE | REVISION | | BY | APP. | DIV. MGR. | EHS |

ACWD
ALAMEDA COUNTY WATER DISTRICT
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FREMONT, CA 94537-5110
(510) 668-4200

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|------------------------|---------------------------------------|
| STANDARD DRAWING | DATE: DEC. 2008 |
| NEW MAIN JUMPER PIPING | SCALE: NONE |
| | DWG. NO. JP-1-08 REV. 0 |