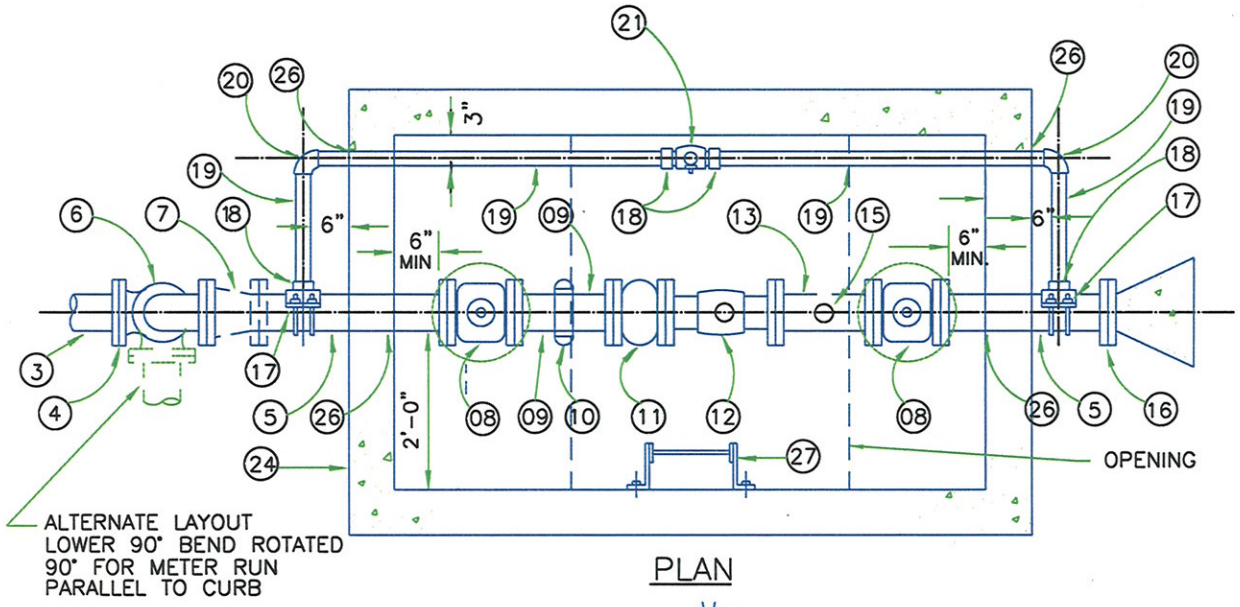
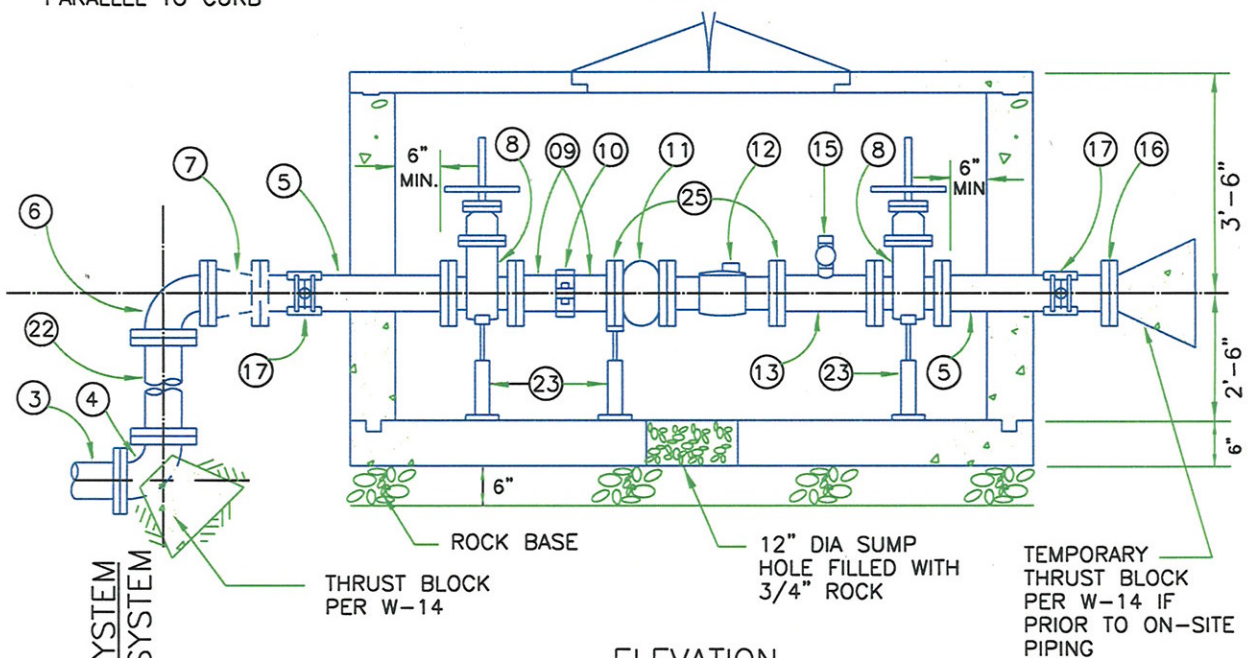



PLAN




ELEVATION

# 3" & 4" METER INSTALLATION

| REVISIONS | | |
|---|---|---|
| NO. | DATE | APPROVED |
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CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.15.08

STD. NO. W-20

SHEET 1 OF 2

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## LIST OF MATERIALS

| ITEM | QUANTITY | DESCRIPTION |
|---|---|---|
| 3 | As Req'd | 4" PIPE |
| 4 | 1 ea | 4" DIP 90 BEND FLANGED |
| 5 | 2 ea | FLG X FLG SPOOL–METER SIZE X 2'–0" |
| 6 | 1 ea | 4" DIP 90 BEND FLG X FLG |
| 7 | 1 ea | 4" X 3" DIP REDUCER FLG X FLG (FOR 3" SERVICE ONLY) |
| 8 | 2 ea | RW GATE VALVE FLG X FLG , OS & Y. |
| 9 | 2 ea | FLG X GROOVED END SPOOL–SIZE X 6" LONG |
| 10 | 1 ea | VICTAULIC COUPLING |
| 11 | 1 ea | STRAINER |
| 12 | 1 ea | TURBINE OR COMPOUND METER |
| 13 | 1 ea | FLANGED SPOOL WITH 2" FIP OUTLET–SIZE X 12" LONG. |
| 14 | 0 ea | NOT USED |
| 15 | 1 ea | 2" CORPORATION STOP – MIP x MIP |
| 16 | 1 ea | BLIND FLANGE |
| 17 | 2 ea | SERVICE SADDLE – SIZE X 2" I.P. THREAD |
| 18 | 2 ea | ADAPTER – 2" M.I.P. BY S.J. |
| 19 | As Req'd | 2" COPPER TUBING – TYPE "L" |
| 20 | 2 ea | 2" 90° ELBOW – S.J. X S.J. |
| 21 | 1 ea | 2" BALL VALVE WITH LOCKING WING – F.I.P. X F.I.P. |
| 22 | 1 ea | 4" D.I. SPOOL – FLG X FLG (IF REQUIRED) |
| 23 | 3 ea | ADJUSTABLE GALV. PIPE SUPPORT |
| 24 | 1 ea | PRECAST CONCRETE VAULT – SEE SCHEDULE BELOW – WITH 4'–0" X 4'–0" BILCO AL. COVER MODEL JD–2AL WITH A 6" X 12" READING LID INSTALLED OVER METER |
| 25 | 2 ea | BOLT AND FLANGE INSULATING KIT |
| 26 | 1 ea | SEAL SPACE AROUND PIPE WITH SILICONE SEAL. |
| 27 | 1 ea | LADDER–ALHAMBRA FOUNDRY A 3400 |

| METER SIZE | PRECAST VAULT INSIDE DIMENSIONS |
|---|---|
| 3" | 4'–0"W X 6'–6"L X 6'–0"H |
| 4" | 4'–0"W X 7'–0"L X 6'–0"H |

## SPECIAL NOTES

1. VAULT SHOWN IS FOR PARKWAY USE ONLY. FOR TRAFFIC LOADING AND OTHER REQUIREMENTS, CONTACT DISTRICT ENGINEER.
2. VAULT COVER TO BE SET TO CONFORM TO PARKWAY GRADE.
3. 4" PIPE & FITTINGS TO BE DIP, 3" PIPE AND FITTINGS TO BE CONCRETE MORTAR LINED STEEL.

# 3" & 4" METER INSTALLATION

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CITY OF SAN JUAN CAPISTRANO

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WATER SERVICES MANAGER — DATE 1.15.08

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