

ITEM NO.	SIZE & DESCRIPTION	MANUFACTURER	SPEC. NO.
①	DOUBLE STRAP BRONZE SERVICE SADDLE, 1" I.P. OUTLET WITH A 1"X3/4" NYLON INSULATING BUSHING USE DETAIL W-29 FOR CONNECTION TO STEEL PIPE	PER W-1	PER W-1
②	3/4" PITORIFICE CORPORATION STOP I.P. THREAD X COMPRESSION	MULLER JONES	FB1100
③	BRONZE ANGLE METER STOP W/ LOCKWING (COMPRESSION TYPE)	PER W-1	PER W-1
④	18" X 18" X 6" CONCRETE SLAB WITH A 2" PVC SLEEVE IN THE CENTER, AND A SMOOTH FINISH.		

## WATER SAMPLING STATION

REVISIONS		
NO.	DATE	APPROVED



**CITY OF SAN JUAN CAPISTRANO**

APPROVED *[Signature]*

WATER SERVICES MANAGER

DATE 1.15.8

STD. NO.

W-24

SHEET 1 OF 4

⑤	3/4" COPPER TUBING	REDDING MUELLER	COPPER TYPE "K" SOFT
⑥	CONCRETE METER BOX W/ READING LID (SEE NOTES 3, 6, & 10	PER W-1	
⑦	6" BASE OF 3/4" ROCK	SEE SPECS.	
⑧	REDUCER BUSHING 3/4" MIP X 1/2" FIP	CENTRAL SMITH-BLAIR PIPE SEAL INSULATOR CO.	
⑨	REDUCER BUSHING 1/2" MIP X 3/8" COMPRESSION		
⑩	3/8" COPPER TUBING	REDDING MUELLER	
⑪	3/8" COMPRESSION X 1/4" MIP FITTING		
⑫	1/4" BALL VALVE	JONES FORD	
⑬	1/4" MIP COMPRESSION FITTING 1/4" COPPER TUBING GOOSE NECK RADIUS TO BE 2"	REDDING MUELLER	
⑭	WATER TEST STATION COVER MARK COVER PER SECTION 15151	PIPELINE PRODUCTS	WTS858
⑮	SET STAINLESS STEEL TYPE J16 BOLT IN CONCRETE.		
⑯	STENCIL WITH 1" LETTERS WHICH SAY CVWD SP#____ (714) 493-1515		

## WATER SAMPLING STATION

REVISIONS				CITY OF SAN JUAN CASTRANO		STD. NO.
NO.	DATE	APPROVED		APPROVED	DATE	W-24
				1.15.09	DATE	SHEET 2 OF 4
			WATER SERVICES MANAGER			

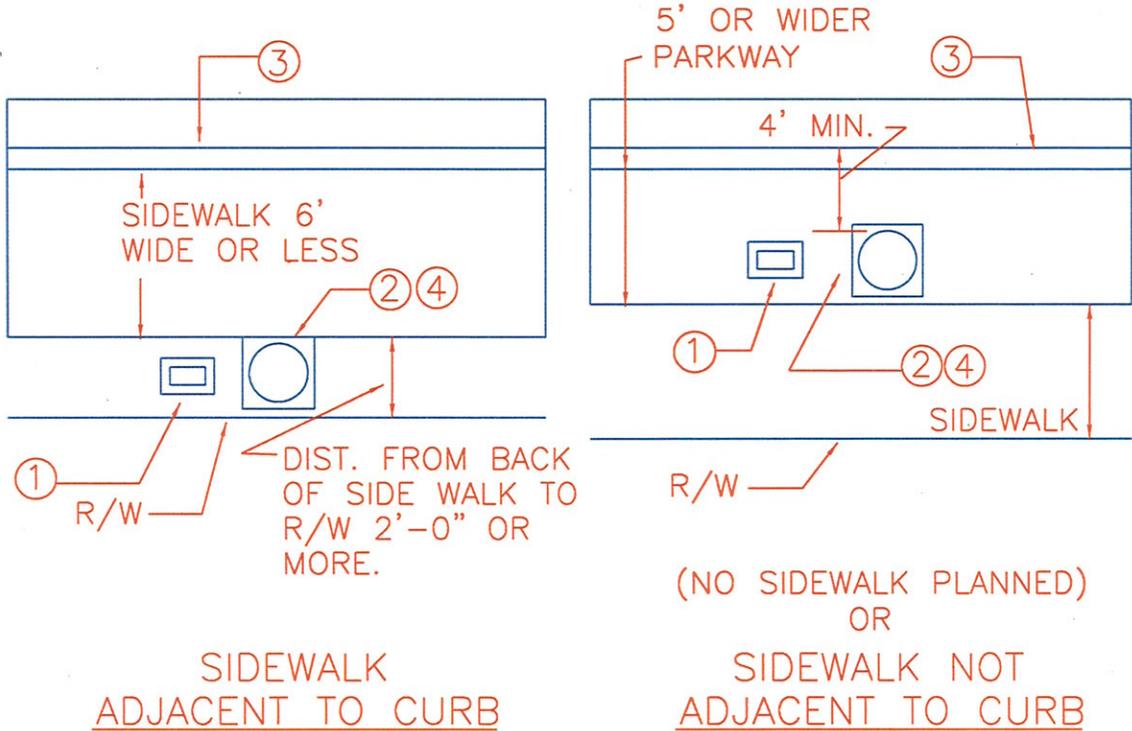
### CONSTRUCTION NOTES

1. DOUBLE STRAP SERVICE SADDLE REQUIRED FOR ALL SERVICE CONNECTIONS TO ANY SIZE MAIN. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 18" OF VALVE, COUPLING, JOINT OR FITTING. TAPPED COUPLINGS ARE NOT PERMITTED.
2. INSTALL CORPORATION STOP WITH KEY SIDEWAYS IN OPEN POSITION.
3. SET TOP OF METER BOX FLUSH WITH SIDEWALK OR CURB AS SHOWN.
4. THE CORPORATION STOP TAP SHALL BE MADE AS SPECIFIED BY THE PIPE MANUFACTURER'S INSTALLATION GUIDE. ALL TAPS SHALL BE MADE WITH MACHINE GUIDE OR PILOT TAP.
5. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
6. METER BOX SHALL BE SET IN SIDEWALK WHERE SIDEWALK IS ADJACENT TO CURB, OR IN PARKWAY BETWEEN CURB AND SIDEWALK.
7. ALL SPLICES OF COPPER TUBING SHALL BE 95/5 SILVER SOLDER CONNECTIONS.
8. ALL JOINTS TO CORP STOPS AND ANGLE METER STOPS SHALL BE COMPRESSION (NO FLARED FITTINGS).
9. METER BOXES SHALL NOT BE PLACED IN DRIVEWAYS.
10. WATER LINE MUST BE SHUT DOWN FOR TAPPING OPERATION DUE TO USE OF PITOT ORIFICE TUBE

## WATER SAMPLING STATION

REVISIONS				CITY OF SAN JUAN CAPISTRANO		STD. NO.
NO.	DATE	APPROVED		APPROVED	DATE	SHEET 3 OF 4
				1.15.08	<span style="font-size: 2em; color: #00AEEF;">W-24</span>	
			WATER SERVICES MANAGER			

TYPICAL SAMPLE POINT STATION AND METER BOX LOCATION



①	METER BOX LOCATION
②	SAMPLE POINT STATION LOCATION
③	FACE OF CURB
④	2' X 2' CONCRETE PAD

SAMPLE STATION LOCATION

REVISIONS			CITY OF SAN JUAN CAPISTRANO	APPROVED	DATE	STD. NO. W-24
NO.	DATE	APPROVED				
					1.15.08	SHEET 4 OF 4