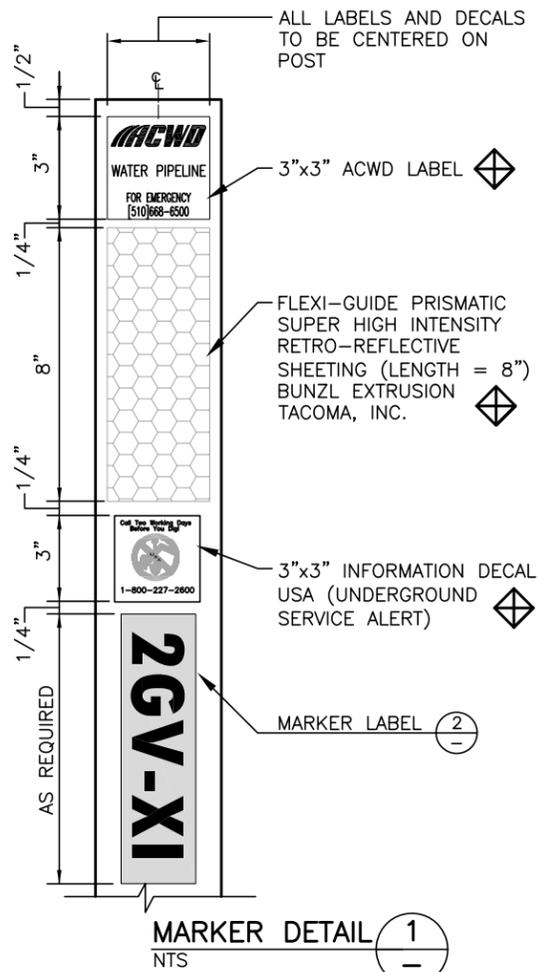
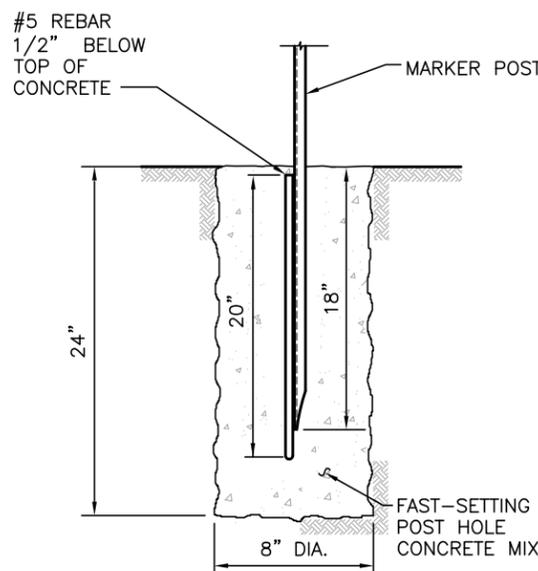


STANDARD MARKER POST
NTS

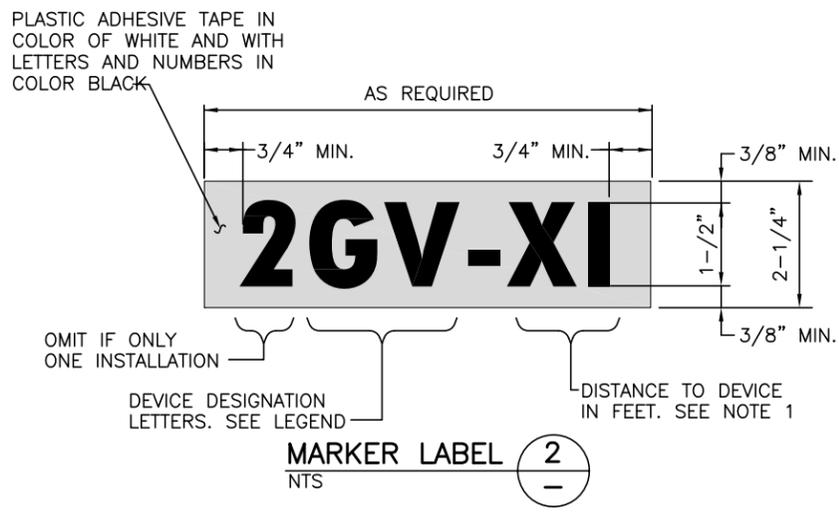
APPROVED *Albert Chavez* 12/15/2008
ENGINEERING MANAGER DATE



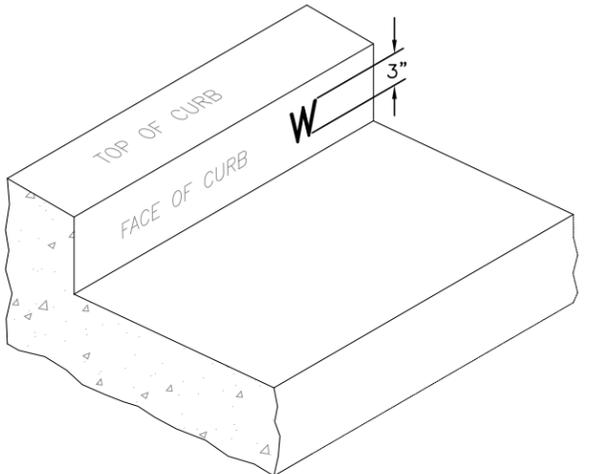
MARKER DETAIL 1
NTS



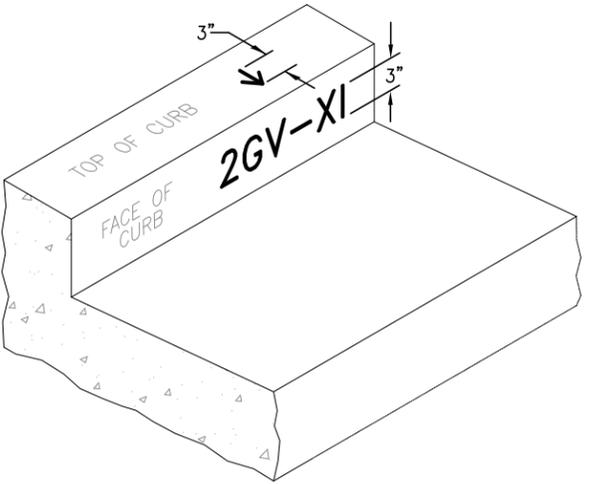
SECTION A
NTS



MARKER LABEL 2
NTS



STANDARD CURB MARKER FOR WATER SERVICE LINES 3
NTS



STANDARD CURB MARKER FOR APPURTENANCES 4
NTS

- NOTES:**
- ARABIC NUMERALS INDICATE NUMBER OF DEVICE INSTALLATIONS. ROMAN NUMERALS INDICATE PERPENDICULAR DISTANCE, TO NEAREST FOOT, FROM MARKER TO DEVICE.
 - MARKER POSTS ARE NOT REQUIRED WHERE REFERENCES CAN BE INCISED INTO PERMANENT FACE OF CURB. SEE DETAILS 3 AND 4. CURB MARKINGS (DIRECTIONAL ARROW, REFERENCE LETTERS AND NUMERALS) SHALL BE CHISELED OR GROUND INTO CONCRETE OR CAST INTO WET CONCRETE ON FACE AND TOP OF NEAREST VERTICAL CURB AS SHOWN ON DETAIL 4 AND SHALL BE PAINTED RED. MARKINGS SHALL BE TO A MINIMUM OF 1/8" DEPTH. WHERE THE PERMANENT CURB HAS NO VERTICAL CURB FACE, CONTACT DISTRICT'S ENGINEERING DEPARTMENT FOR SPECIFIC MARKING REQUIREMENTS.
 - CURB MARKINGS FOR HYDRANT GATE VALVES SHALL BE CHISELED OR GROUND INTO OR CAST INTO THE CURB DIRECTLY IN FRONT OF THE HYDRANT. DIRECTIONAL ARROWS SHALL POINT TO THE LOCATION OF THE HYDRANT GATE VALVE, REGARDLESS OF THE GATE VALVE LOCATION RELATIVE TO THE HYDRANT.
 - FOR CURBS PAINTED RED, CURB MARKINGS SHALL BE PAINTED WHITE.
 - DIRECTIONAL ARROWS ARE REQUIRED ON TOP OF CURB FOR ALL APPURTENANCES OTHER THAN WATER SERVICE LINES. ARROWS SHALL POINT IN THE DIRECTION OF THE DEVICE.
 - PLACEMENT OF MARKER POST:
 - SET POSTS VERTICALLY TRUE AND FACING THE INSTALLATION.
 - MARKER POSTS SHALL NOT BE SET IN TRAVELED WAY.
 - DO NOT SET POSTS ON PRIVATE PROPERTY WITHOUT EASEMENT.
 - CURB MARKINGS FOR REMOVED APPURTENANCES OR SERVICES SHALL BE FILLED WITH EPOXY OR GROUT AND THEN PAINTED OVER WITH GRAY PAINT TO MATCH CURB CONCRETE.
 - MARKER POSTS FOR MONITORING WELL INSTALLATIONS SHALL BE AS REQUIRED BY DISTRICT. CONTACT DISTRICT'S ENGINEERING DEPARTMENT/GROUNDWATER DIVISION FOR SPECIFIC MATERIALS AND INSTALLATION REQUIREMENTS.
 - ELECTROLYSIS TEST STATIONS IN UNDEVELOPED AREAS REQUIRE A REDWOOD MARKER POST. SEE STANDARD DRAWING ET-3-08.
 - WATER SERVICE LINE MARKINGS DO NOT REQUIRE DIRECTIONAL ARROWS OR DISTANCE NUMERALS AND SHALL BE LOCATED NO GREATER THAN 12" MEASURED HORIZONTALLY FROM THE SERVICE LINE CROSSING UNDER THE CURB.

- LEGEND**
- W - WATER SERVICE LINE. SEE NOTE 10
 - AV - AIR VALVE
 - BO - BLOWOFF OUTLET AND BLOWOFF GATE VALVE
 - BP - BY-PASS GATE VALVE
 - BV - BUTTERFLY VALVE
 - DC - DETECTOR CHECK
 - ET - ELECTROLYSIS TEST STATION. SEE NOTE 9
 - GV - GATE VALVE
 - TW - TRACER WIRE
 - CTS - CALIBRATED TEST SPAN LEAD
 - ⊠ - DISTRICT FURNISHED ITEM

ARABIC NUMERAL	ROMAN NUMERALS
1	I
4	IV
5	V
6	VI
9	IX
10	X
50	L
100	C

DESIGNED	ACWD
DRAWN	RMF
CHECKED	LJA
DIV. MGR.	EHS

ACWD
ALAMEDA COUNTY WATER DISTRICT
43885 SOUTH GRIMMER BOULEVARD
P.O. BOX 5110
FREMONT, CA 94537-5110
(510) 668-4200

STANDARD DRAWING		DATE: DEC. 2008
MARKER POST AND CURB MARKINGS		SCALE: NONE
DWG. NO.	REV.	
MP-1-08	0	