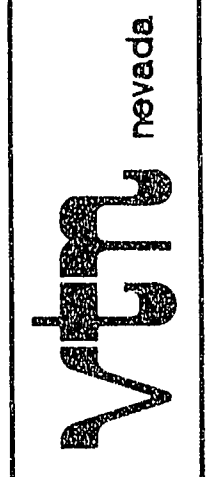


REV	DATE	BY	REVISION
1	1/10/94	DAE	REMOVE S. PORTION OF 8" WATER IN EL CAPITAN WAY. ADD OFF-SITE WATER PLANS.
2	1/10/94	DAE	ADD OFF-SITE WATER PLANS.

AMERICAN WEST HOMES, INC.  
CITY OF LAS VEGAS, NEVADA

CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS  
2727 SOUTH RAINBOW BOULEVARD  
LAS VEGAS, NEVADA 89102-5148 PHONE (702) 873-7550 FAX (702) 362-2597



OFFSITE WATER PLAN  
EL CAPITAN WAY

SADDLEBACK EAST  
UNIT 3

APPROVAL:  
Dennis Anderson  
CLV CITY ENGINEER  
Date: 5-4-94

PROJECT NAME: SADDLEBACK EAST UNIT 1  
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

DATE: 4/29/94  
DATE: 5/25/94

NO. 1190-  
BY: WJR  
DATE: 1/94  
SCALE: 1"=40'  
SHEET: 8 OF 8 SHEETS

**LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES**

- NO WORK SHALL BEGIN ON THE WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE OWNER. FOLLOWING APPROVAL OF THE PLANS, NOTICE SHALL BE GIVEN TO THE LVWD CUSTOMER SERVICE DEPARTMENT (570-1341) 48 HOURS PRIOR TO ACTUAL CONSTRUCTION, AND 24 HOURS PRIOR TO AN INSPECTION.
- CALL BEFORE YOU DIG 1-800-227-2600.
- ALL WORK SHALL CONFORM TO LVWD LATEST STANDARD PLATES, DIMENSIONS AND SPECIFICATIONS.
- ALL WORK, EXCEPT AS NOTIFIED HEREON OR BY NOTE 3, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR ADDITION OF DRAFT IN ACCORDANCE WITH THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLACK COUNTY AREA.
- DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS SHALL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY SHALL BE PERMITTED ON 1-1/2" AND 2" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
- COPPER SERVICE LATERALS: ALL 3/4" TO 2" SERVICE LATERALS SHALL BE OF COPPER TUBING IN ACCORDANCE WITH THE DISTRICT'S SPECIFICATIONS AND STANDARD PLATES.
- THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR ACP AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:

PIPE SIZE	ACP	DUCTILE IRON	DUCTILE IRON
		SHIELDED JOINT	UNSHIELDED JOINT
6 INCH	2.5 DEGREES	2.5 DEGREES	3.5 DEGREES
8 - 12 INCH	2.5 "	2.5 "	2.5 "
14 - 16 INCH	2.0 "	1.5 "	1.5 "
18 - 24 INCH	N/A	1.5 "	1.5 "

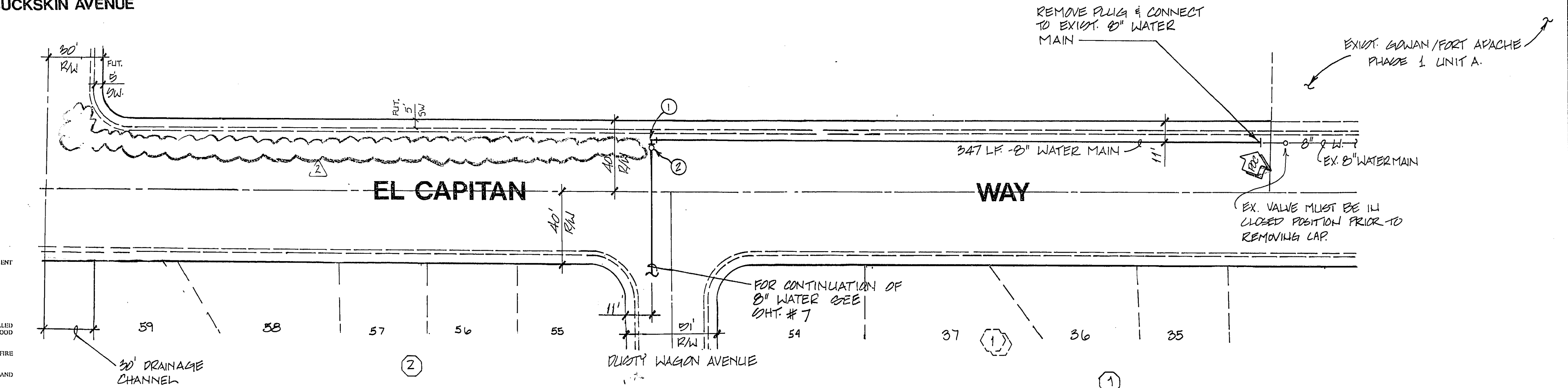
ON PVC PIPE, THE MAXIMUM OFFSET FOR A 20' LENGTH OF FACTORY BELTED PIPE SHALL BE 16 INCHES FOR 6" PIPE, 12 INCHES FOR 8" PIPE, AND 9 INCHES FOR 10" AND 12" PIPE.

IF THESE OFFSETS CONFLICT WITH THE PIPE MANUFACTURERS RECOMMENDATION, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS AND VALLEY CUTTERS.
- DETECTOR TAPES SHALL BE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED, AND AS FOLLOWS:  
A) OVER ALL MAINS NOT INSTALLED 6 FEET FROM BACK OF CURB.  
B) OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
- ALL WATER MAINS SHALL BE PRESSURE TESTED AT 200 PSI FOR A CONTINUOUS TWO HOUR PERIOD, IN ACCORDANCE WITH DISTRICT STANDARDS.
- ALL WATER MAINS SHALL BE DISINFECTED, FLUSHED, AND AN ACCEPTABLE HEALTH SAMPLE OBTAINED, PRIOR TO THE CONNECTION OF WATER MAINS AND/OR LATERALS TO THE DISTRICT'S SYSTEM.
- CONTRACTOR TO OBTAIN ALL METERS 2" AND SMALLER FROM LVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.

**BENCHMARK**  
BM # 0LV007125  
2 X 2 PLATE, SW CORNER CHEYENNE AND FAUNTAINT  
ELEVATION = 2448.33

DATE: 12/91 DATE REVISED: 1/91



**PROPOSED SADDLEBACK EAST**

THIS UNIT WILL ONLY BE VALID IF THE WATER FACILITIES TO UNITS 3-6 ARE CONSTRUCTED SIMULTANEOUSLY.

**ESTIMATE OF WATER QUANTITIES**

① 8" - 90° ELBOW	1 EA.
② 8" GATE VALVE	1 EA.
8" WATER MAIN	347 LF

NOTE:  
CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

Call before you Dig.  
1-800-227-2600

11-11-125 5671-4325-565-234