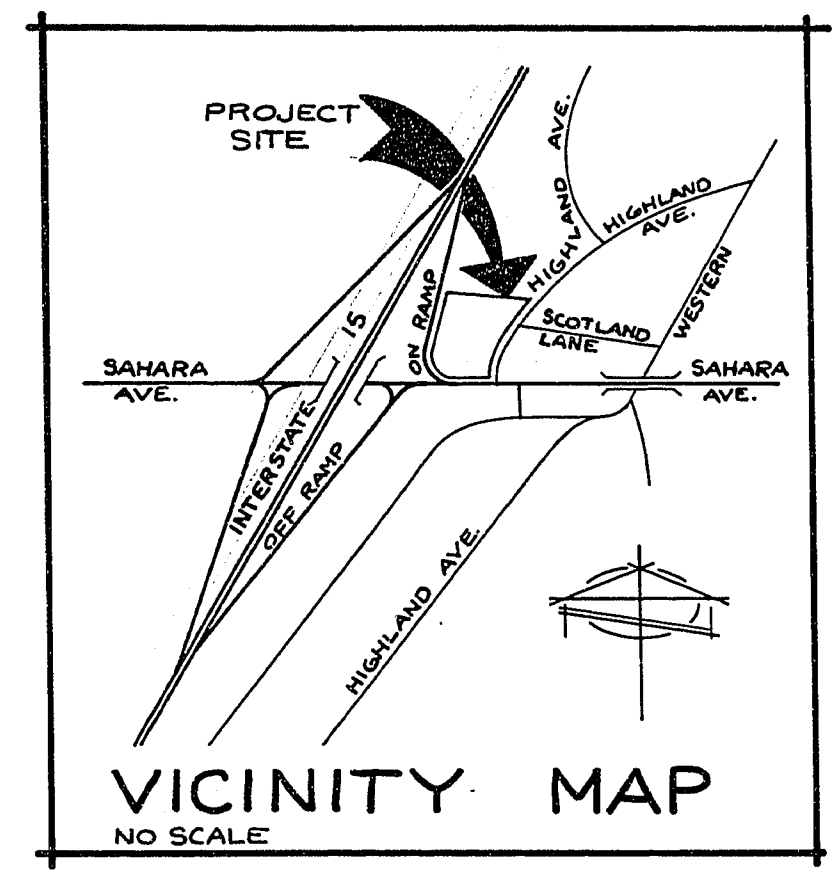
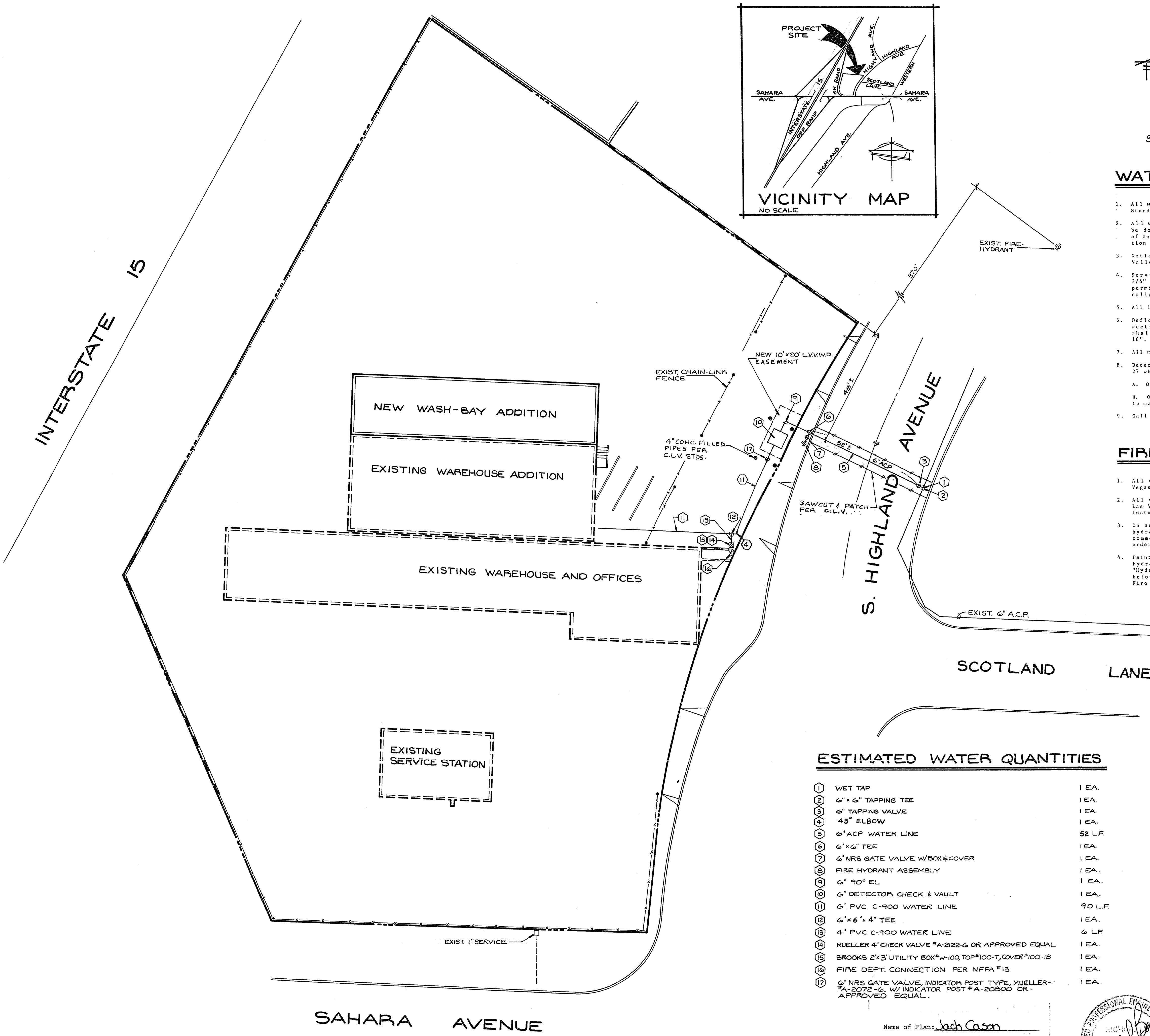




Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

SCALE: 1" = 20'

Avoid cutting underground utility lines. It's costly.

WATER NOTES

1. All work to conform to Las Vegas Valley Water District latest Standard Plates and Specifications.
2. All work, except as modified hereon or by Note No. 1, shall be done in accordance with the most current draft or edition of Uniform Standard Specifications for Public Works Construction Offsite Improvements Clark County Area.
3. Notice to be given Engineering Department of the Las Vegas Valley Water District 48 hours prior to actual construction.
4. Service saddles or tapped collars will be required on all 3/4" and 1" service laterals. Service saddles only will be permitted on 1 1/2" and 2" service laterals. Double tapped collars are not permitted.
5. All lines to be pressure tested to 200 psi.
6. Deflection angle shall not exceed 2 1/2 degrees per 13 foot section of pipe for pipe sizes smaller than 14 inches, and shall not exceed 2 degrees for pipe sizes between 14" and 16".
7. All meters shall be located outside of driveways.
8. Detector tape required in accordance with Standard Plate No. 27 where indicated and as follows:
 - A. Over all mains not installed at 6 feet from back of curb.
 - B. Over all service laterals not installed at right angles to mains.
9. Call Before You Dig - 1-800-227-2600.

FIRE HYDRANT NOTES

1. All work shall be done in strict accordance with City of Las Vegas Standard Specifications.
2. All work shall be done in strict accordance with the City of Las Vegas Department "Hydrant Specifications and Hydrant Installation Specifications".
3. On any new home or building construction, accessible fire hydrants shall be installed before actual construction commences and said fire hydrants shall be in good working order with an adequate water supply.
4. Painting of curbs and/or stripping of asphalt protection of hydrants from physical injury per City Fire Department "Hydrant Installation Specifications" shall be completed before approval of the hydrants by the City of Las Vegas Fire Department can be obtained.

NOTE

REFERENCE HYDRAULIC CALCULATIONS AND FLOW TEST RESULTS BY SIERRA FIRE PROTECTION.

ESTIMATED WATER QUANTITIES

1	WET TAP	1 EA.
2	6" x 6" TAPPING TEE	1 EA.
3	6" TAPPING VALVE	1 EA.
4	45° ELBOW	1 EA.
5	6" ACP WATER LINE	52 L.F.
6	6" x 6" TEE	1 EA.
7	6" NRS GATE VALVE W/BOX & COVER	1 EA.
8	FIRE HYDRANT ASSEMBLY	1 EA.
9	6" 90° EL	1 EA.
10	6" DETECTOR CHECK & VAULT	1 EA.
11	6" PVC C-900 WATER LINE	90 L.F.
12	6" x 6" 4" TEE	1 EA.
13	4" PVC C-900 WATER LINE	6 L.F.
14	MUELLER 4" CHECK VALVE *A-2122-G OR APPROVED EQUAL	1 EA.
15	BROOKS 2' x 3' UTILITY BOX *W-100, TOP *100-T, COVER *100-B	1 EA.
16	FIRE DEPT. CONNECTION PER NFPA #13	1 EA.
17	6" NRS GATE VALVE, INDICATOR POST TYPE, MUELLER *A-2072-G, W/INDICATOR POST *A-20000 OR APPROVED EQUAL.	1 EA.

APPROVALS

[Signature] 4/18/88
C.L.V. FIRE MARSHALL DATE

[Signature]
C.L.V. QUALITY CONTROL ENGINEER DATE

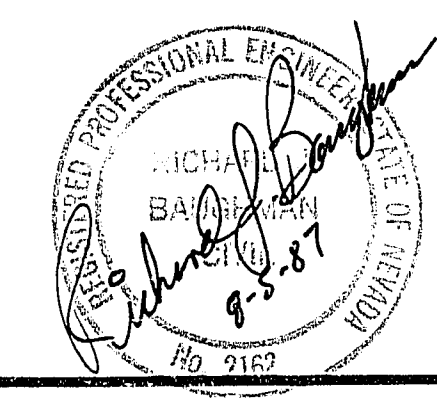
[Signature] 4/18/88
C.L.V. LAND DEVELOPMENT ENGINEER DATE

LAS VEGAS VALLEY WATER DISTRICT DATE

UTILITY NOTE

The location of underground utilities shown hereon has been determined from surface evidence of their existence or from information obtained from the utility companies. The Engineer accepts no liability for the existence or non-existence of utility lines. Contractors and others using this map must confirm the location of underground lines or structures with the utility companies prior to commencing any excavation.

Name of Plan: Jack Cason
Water plan as shown will be acceptable.
It is NOT approved for construction.
[Signature] 8-5-87
LVWD Date



APP'D	
REVISIONS	
DATE NO	
PREPARED FOR:	JACK CASON
DATE JUNE 1987	DESIGN J.W.L.
	DRAWN R.A.J.
	CHECK J.W.L.
	SCALE 1" = 20'
BAUGHMAN & TURNER	MINING ENGINEERS
CIVIL ENGINEERS	LAND SURVEYORS
2325 WEST CHARLESTON BOULEVARD	LAS VEGAS, NEVADA 89102
702-870-8771	
WATER LINE DESIGN	FIRE PROTECTION SYSTEM
SECTION 4, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.B. 6M, CLARK COUNTY, CITY OF LAS VEGAS	
SHEET	PROJ. NO.