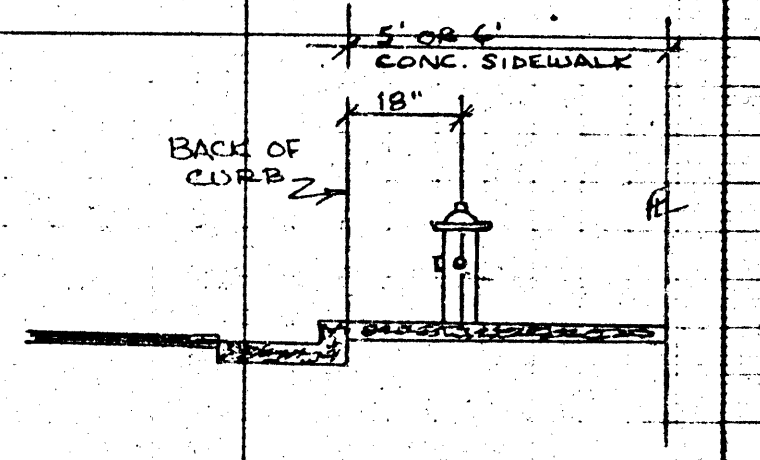


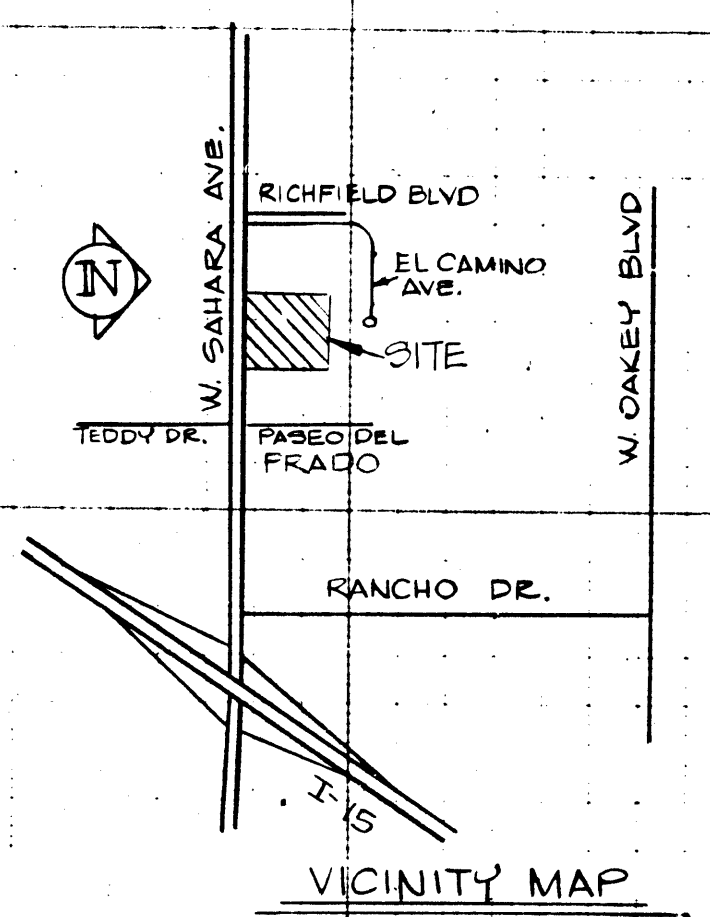
67-4-91



FIRE HYDRANT LOCATION DETAIL
per std. Draw 44-1
NO FIRE HYDRANT SHALL BE LOCATED
WITHIN 6' OF ANY CURB RETURN,
DEWEYWAY, POWER POLE, STREET LIGHT,
OR ANY OTHER OBSTRUCTION.

LAS VEGAS VALLEY WATER DISTRICT

1. ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
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 SERVICES; DOUBLE TAP COLLARS ARE NOT PERMITTED.
5. ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
6. ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
7. DEFLECTION ANGLE SHALL NOT EXCEED 2 1/2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14", AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14" AND 16".
8. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
9. SERVICE LATERALS FOR LOTS WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT.
10. DETECTOR TAPS 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.



APPROVALS:

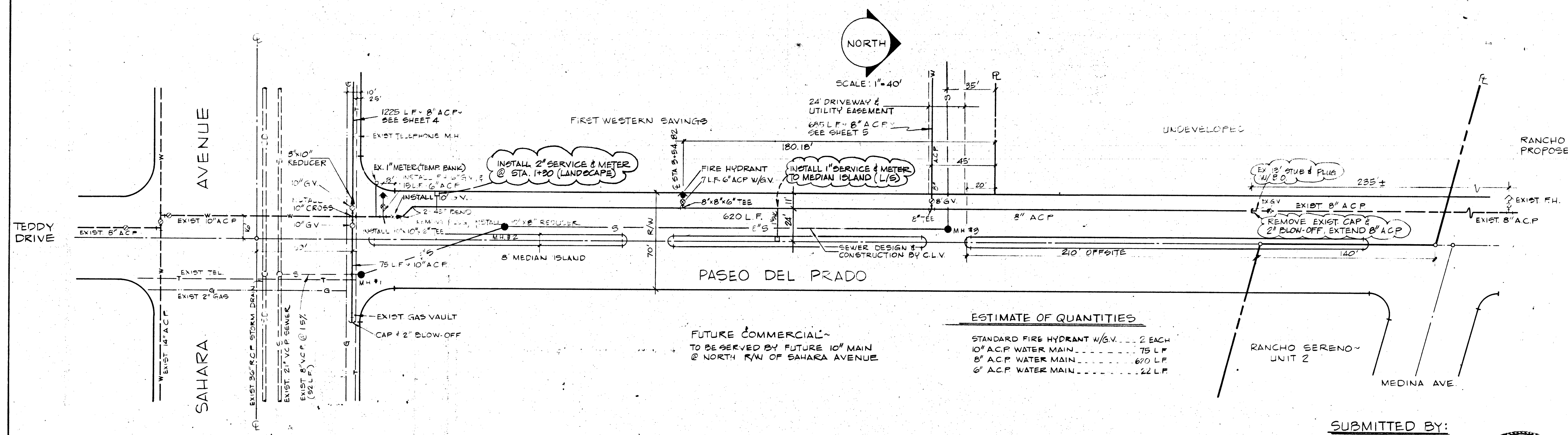
John Van M...
LAS VEGAS VALLEY
WATER DISTRICT
DATE

William R...
CLV. CITY ENGINEER
DATE

S. Hampton
CLV. FIRE/MARSHALL
DATE

E.H. Will
CLV. QUALITY CONTROL
ENGINEER
DATE

E.H. Will
REVISION 6/18/79 APPROVED
DATE

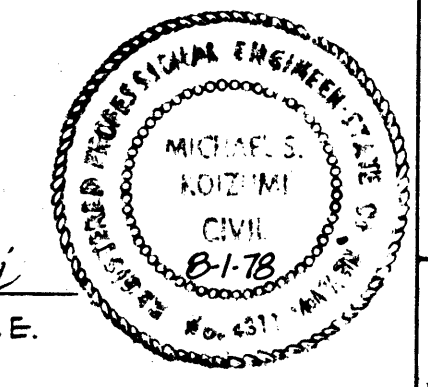


ESTIMATE OF QUANTITIES

STANDARD FIRE HYDRANT W/G.V.	2 EACH
10" ACP WATER MAIN	75 L.F.
8" ACP WATER MAIN	620 L.F.
6" ACP WATER MAIN	22 L.F.

SUBMITTED BY:

Michael S. Koizumi
MICHAEL S. KOIZUMI, P.E.
R.E. NO 4311



vtm CONSULTING ENGINEERS • PLANNERS			
THE PLAZA OFFSITE WATER MAIN PASEO DEL PRADO			
SCALE 1"=40'	WO NO 2514 DES MC CHK	DATE JULY 1978 REV 6/23/78 REV 6/18/79 REL'D FH 6/18/79 ADD 4.5 METERS 9/24/79	SHEET 3 OF 10

5th Comm
167-V1151