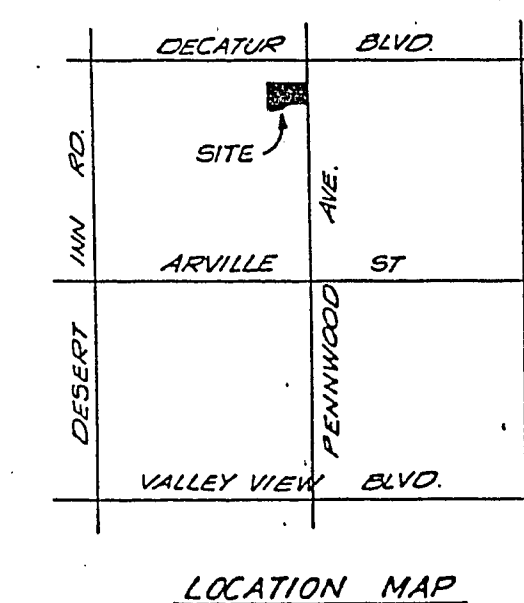




KRAEMER ENGINEERING CO., INC.
3355 SO. HIGHLAND DRIVE, SUITE NO 102
LAS VEGAS, NEVADA 89109
TELEPHONE NO. (702) 732-0517

PENNWOOD APARTMENTS

Date	10/31/86
Scale	1" = 30'
Drawn	JB - RK
Job	KE 1031
Sheet	3
Of	4
Sheets	

- NOTES**
1. AUTHORIZED FIRE HYDRANTS FOR THIS PROJECT ARE:
A. KENNEDY GUARDIAN
B. MUELLER A-423 CENTURION
 2. CALL 386-(625) FOR UNDERGROUND INSPECTION. PRESSURE AND FLUSH VERIFICATION OF ALL ON-SITE FIRE LINES REQUIRED BEFORE COVERING.
 3. ALL BUILDINGS TO BE RATED TYPE "I" - ONE HOUR. LARGEST BLDG, BOTH FLOORS = 13,158 SQ. FT. ALL UNITS TO BE SEPARATED BY A ONE HOUR FIRE WALL. (NO SPRINKLERS NEEDED).
 4. FIRE HYDRANTS TO BE INSTALLED PRIOR TO CONSTRUCTION PER LAS VEGAS FIRE DEPARTMENT.
 5. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
 6. ALL VALVES & FITTINGS TO BE AWWA APPROVED.

①	OFFSITE	
②	OFFSITE	
③	8" 90° ELL	7.5.
④	8" GATE VALVE	7.5.
⑤	8" TEE	7.5.
⑥	8" X 6" REDUCER	7.5.
⑦	8" GATE VALVE	7.5.
⑧	8" X 6" TEE	7.5.
⑨	FIRE HYDRANT ASSEMBLY	9 EA.
⑩	8" X 6" TEE	7.5.
⑪	8" 90° ELL	7.5.
⑫	8" - 45° ELL	7.5.
	8" PVC	2570 L.F.
	6" PVC	99 L.F.
	1" SERVICE	1 EA. (MAINT. BLDG)
	2" SERVICE	17 EA. (ALL OTHERS)

①.....8" TAPPING TEE/VALVE.....2 EA.
②.....6" X 3" FNCT METER/VAULT. 2 EA.
8" ACP.....100 L.F

Ralph L. Kraemer 10-31-86
RALPH L. KRAEMER DATE

LAS VEGAS VALLEY WATER DISTRICT DATE

SB 6-22-87

C.L.V. FIRE MARSHAL DATE

Name of Plan Pennwood Apartments

Water plan as shown will be acceptable.
It is NOT approved for construction.

Don A Donnelly Date

LVVWD