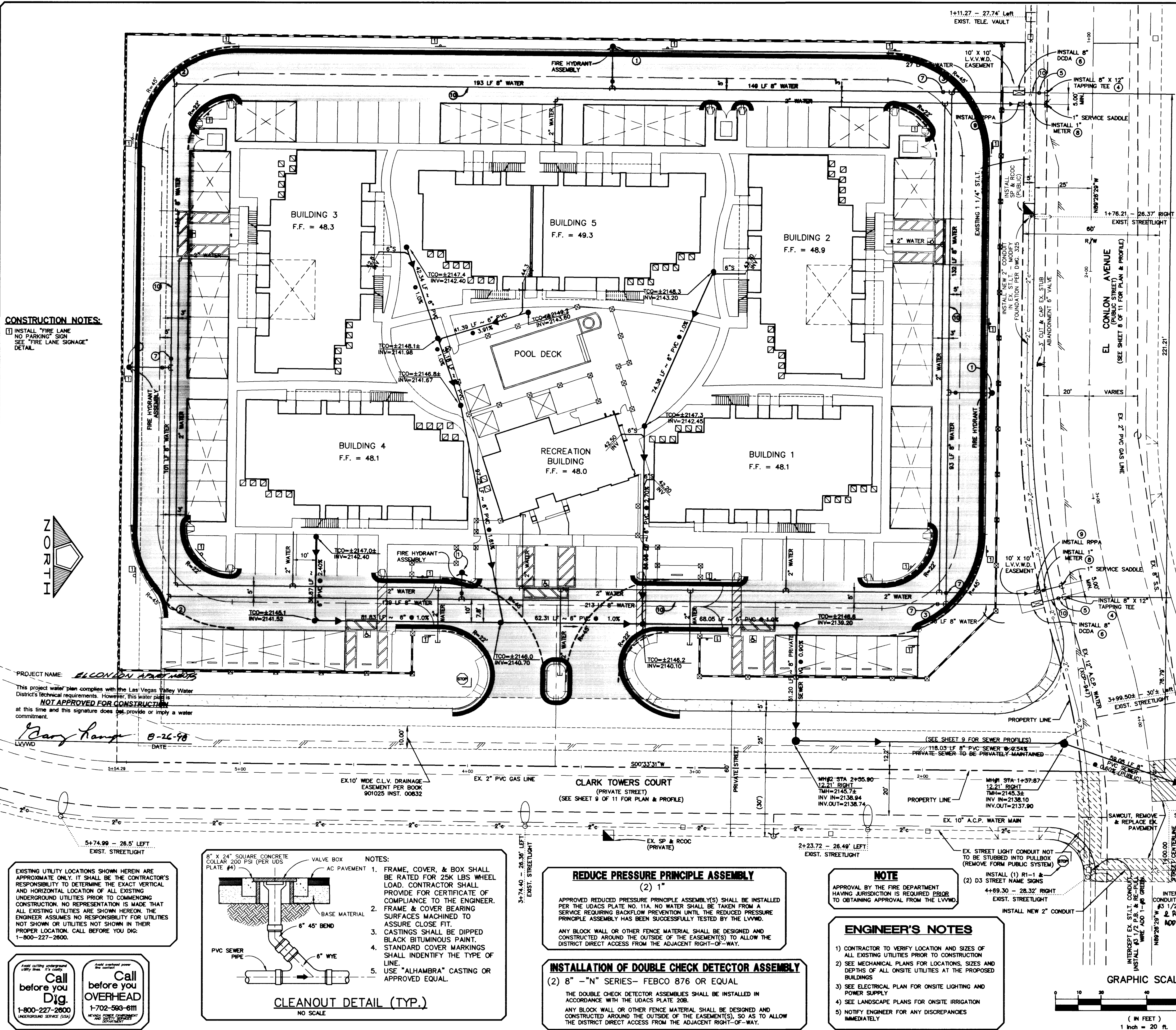




ARCHITECT:
arketset

2162 Winifred Street
Simi Valley, Ca. 93063
(805) 522 3161
FAX (805) 522 3162

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 7C115SWS
RIVET & PLATE IN TOP OF CURB, NE RETURN
VALLEY VIEW BLVD AND SAHARA AVE.

ELEVATION=657.6375 METERS (NAVD88) - DATUM
ELEVATION=2157.599 FEET (NAVD88) - DATUM US

BASIS OF BEARING

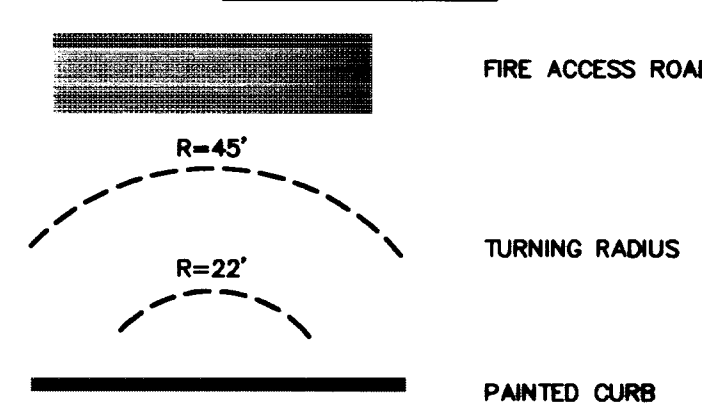
S 01'49'36" E, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 8, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS DESCRIBED IN A DEED ON FILE AT THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 745, INST. 704377, RECORDED MAY 31, 1977.

WATER CONSTRUCTION NOTES

		QUANTITIES:	
		PRIVATE	PUBLIC
①	INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER U.D.C. PLATE NO. 7. INSTALL BOLLARDS TO PROTECT ON-SITE HYDRANTS WHERE NEEDED. (MAINTAIN CLEARANCES PER FIRE DEPARTMENT STANDARDS.)	4 EA.	
②	INSTALL 8" 90° BEND	2 EA.	
③	INSTALL 8" TEE	2 EA.	
④	INSTALL 12"x8" TAPPING TEE		2 EA.
⑤	INSTALL 8" TAPPING VALVE		2 EA.
⑥	INSTALL 8" DOUBLE DOUBLE CHECK DETECTOR ASSEMBLY. (FEBCO MODEL 876 OR APPROVED EQUAL)	2 EA.	
⑦	INSTALL 8" GATE VALVE	4 EA.	
⑧	INSTALL 1" METER PER UDACS PLATE NO. 1D		2 EA.
⑨	INSTALL 1" R.P.P. PER UDACS PLATE NO. 11A.		2 EA.
⑩	8" PVC WATER MAIN	1197 L.F.	22 L.F.

NOTE TO CONTRACTOR:
 QUANTITIES SHOWN ARE APPROXIMATIONS ONLY AND ARE INTENDED TO
 ILLUSTRATE SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE
 FOR VERIFYING THE EXACT QUANTITIES INVOLVED.
 (SEE SHEET 2 OF 11 FOR ADDITIONAL SEWER QUANTITIES)
 (SEE SHEET 3 OF 11 FOR ALL UTILITY NOTES)

LEGEND



FIRE FLOW CALCULATIONS

THE FIRE FLOW REQUIREMENT IS: 1,750 GALLONS PER MINUTE
20 PSI RESIDUAL PRESSURE.

BASED ON:
SQUARE FOOTAGE: 4,795 SQUARE FEET
LARGEST AREA BETWEEN
4-HOUR AREA SEPARATION
WALLS: N/A SQUARE FEET
BUILDING HEIGHT: 30 FEET
NUMBER OF STORIES: 2 FLOORS
TYPE OF CONSTRUCTION: V-NON RATED
OCCUPANCY: MULTI-FAMILY
FULL AUTOMATIC FIRE
SPRINKLER SYSTEM: NONE

REVIEWED BY:
DATE:

ABANDON VALVE, CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING COMPRESSION STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3' BEYOND THE ABANDONED VALVE AND INSTALL A CAP. WHERE A JOINT OR JOINTING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

APPROVAL

LAS VEGAS VALLEY WATER DISTRICT DATE

EL CONLON ASSOC., LLC
4340 SOUTH VALLEY VIEW BLVD.
LAS VEGAS, NEVADA, 89103
(702)871-8280



PENTACORE
CIVIL ENGINEERING • LAND SURVEYING • PLANNING
CONSTRUCTION MANAGEMENT • ADA CONSULTING
6783 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)256-0115

MASTER UTILITY PLAN

EL CONLON APARTMENTS

DATE :	AUGUST, 1998
PM :	D.P.W.
DRAWN BY :	
DESIGNED BY :	
CHECKED BY :	
ADA CHECKED :	
JOB NO. :	0050.0226
SCALE :	1" = 20'

SHEET 4 OF 11

