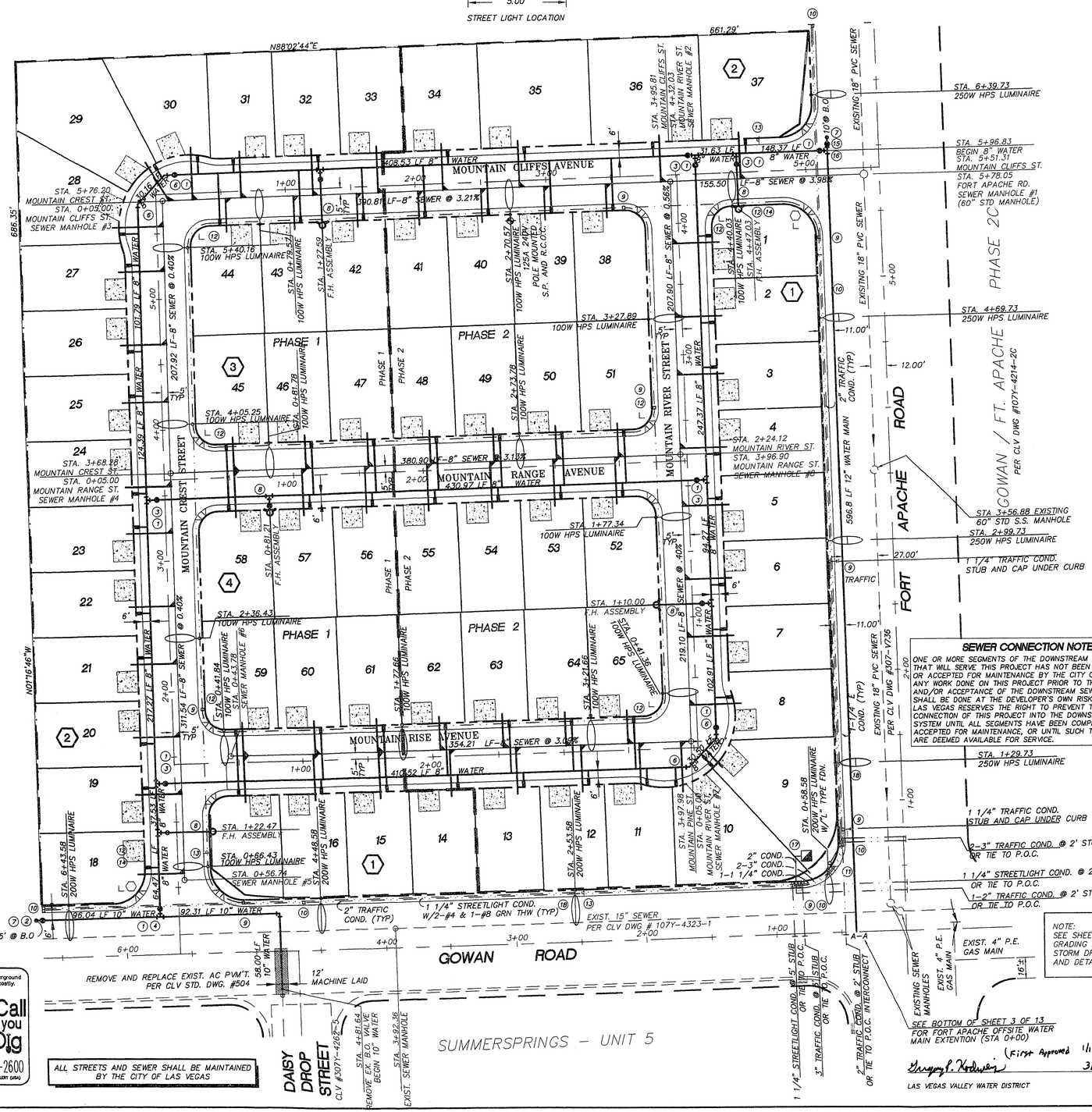
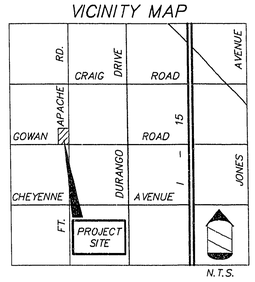


STREET LIGHT NOTE:
ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

STREET LIGHT LOCATION

VICINITY MAP



SCALE: 1" = 40'

0 20 40 80

DESCRIPTION / LEGEND

	DESCRIPTION	LEGEND
1	8" GATE VALVE	RIGHT-OF-WAY
2	10" GATE VALVE	CENTERLINE
3	8" x 8" TEE	EXISTING UTILITY
4	10" x 8" TEE	PROPERTY LINE
5	10" x 10" TEE	EDGE OF PAVEMENT
6	8" 45° ELBOW	CONCRETE WALL
7	2" BLOW-OFF ASSEMBLY	CHAIN LINK FENCE
8	STD. FIRE HYDRANT ASSEMBLY (1-#8 x 8" TEE, 6" GATE VALVE & LATERAL)	SEWER LINE
9	NO. 3-1/2" PULL BOX	WATER LINE
10	NO. #5 PULL BOX	ELECTRICAL LINE
11	NO. #7 PULL BOX	GAS LINE
12	STREET NAME SIGN	MANHOLE
13	R2-1 25 MPH	VALVE
14	STOP SIGN	FIRE HYDRANT
15	12" GATE VALVE	LUMINAIRE
16	12" x 8" TEE	BLOW-OFF VALVE
17	125A, 120/240V 1ø, 3W SERVICE PEDASTAL 2-2P 60 AMP BREAKER 2-2P 60 AMP CONTACTOR 1-1P 15 AMP BREAKER ONE BI-PASS SWITCH PER CONTRACTOR PHOTO EYE	WATER LATERAL W/METER SEWER LATERAL REDUCER
18		SIGN

BASIS OF BEARING

S 89°30'00" E – BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 20, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN THE RECORDERS OFFICE, CLARK COUNTY, NEVADA AS FILE 54, PAGE 82 OF PARCEL MAPS.

BENCHMARK

BM – CLV 20 17NES. "NGVD 29" FOUND RIVET AND PLATE IN TOP OF CURB AT SOUTHWEST RETURN OF CHEYENNE AVENUE AND RAMPART BOULEVARD. ELEVATION = 2448.33

NOTES

1. 1" x 3/4" ANGLE METER STOP AND 3/4" METER BOX WILL BE REQ'D WITH THE 1" SERVICE LATERAL FOR ALL SERVICES WITH 5/8" OR 3/4" SERVICES. DETAILS OF THE ABOVE INSTALLATION ARE AVAILABLE FROM THE ENGINEERING SERVICES DIVISION AND FROM THE DISTRICT INSPECTORS.
2. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 psi. THE UNIFORM PLUMBING CODE REQUIRE THAT INDIVIDUAL, ONSITE (PRIVATE) PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 psi. PRV'S ARE THE DEVELOPERS RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.
3. REFERENCE SHEET NO.2 FOR UTILITY NOTES AND QUANTITIES.
4. BEFORE RELEASING OFFSITE IMPROVEMENT BONDS, ENGINEER MUST PROVIDE LEGIBLE, REPRODUCIBLE SEWER AS-BUILT MAP SHOWING DISTANCES FROM PROPERTY LINE TO LATERALS.

SEWER CONNECTION NOTE:

ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.

Gregory J. Kaminski (First Approved 11/17/96) 3/28/96
LAS VEGAS VALLEY WATER DISTRICT DATE

FIRE FLOW REQUIREMENTS

FIRE FLOW INFORMATION – CLV FIRE DEPARTMENT

THE FIRE FLOW REQUIREMENT IS 1500 GPM @ 20PSI RESIDUAL PRESSURE.

OCCUPANCY:	2200
EST. SQUARE FOOTAGE:	SINGLE STORY
TYPE OF CONSTRUCTION:	V-NR
SPRINKLERED (YES/NO):	NO
ESTIMATED FIRE FLOW:	1500 GPM

7-28-96
CITY OF LAS VEGAS FIRE DEPT. DATE

SEWAGE FLOW CALCULATIONS

AVERAGE DAILY WATER FLOW

65 D/U = 65 E.R.U.'S
65 E.R.U.'S x 250 gpd/ERU = 16,250 gpd

PEAK FLOW

16,250 gpd / 1,000,000 gpd = 0.016 mgd
FROM TABLE C PG. T-3 CLARK COUNTY SANITATION DISTRICT
PEAKING FACTOR = 3.45
PEAK FLOW =
3.45 PF x 16,250 gpd = 56,060 gpd OR 0.0561 mgd

Date	Revisions	Number

UTILITY PLAN
MOUNTAIN VIEW ESTATES

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
PAUL J. KRENNER
No. 08669
CIVIL
3-27-96

Drawn by:	JDL
Checked by:	PJK
Scale:	1" = 40'
Date:	MARCH 4, 1996
Drawing No. 94-0010	5/13

11-26-96

307Y-4437-1,2

C:\MCAD\DWGS\TEMP\MV-UTIL Wed Mar 27 23:43:59 1996 POST, BUCKLEY, SCHUH, & JERNIGAN, INC. - SCOTT