

ESTIMATE OF UNIT 2 QUANTITIES

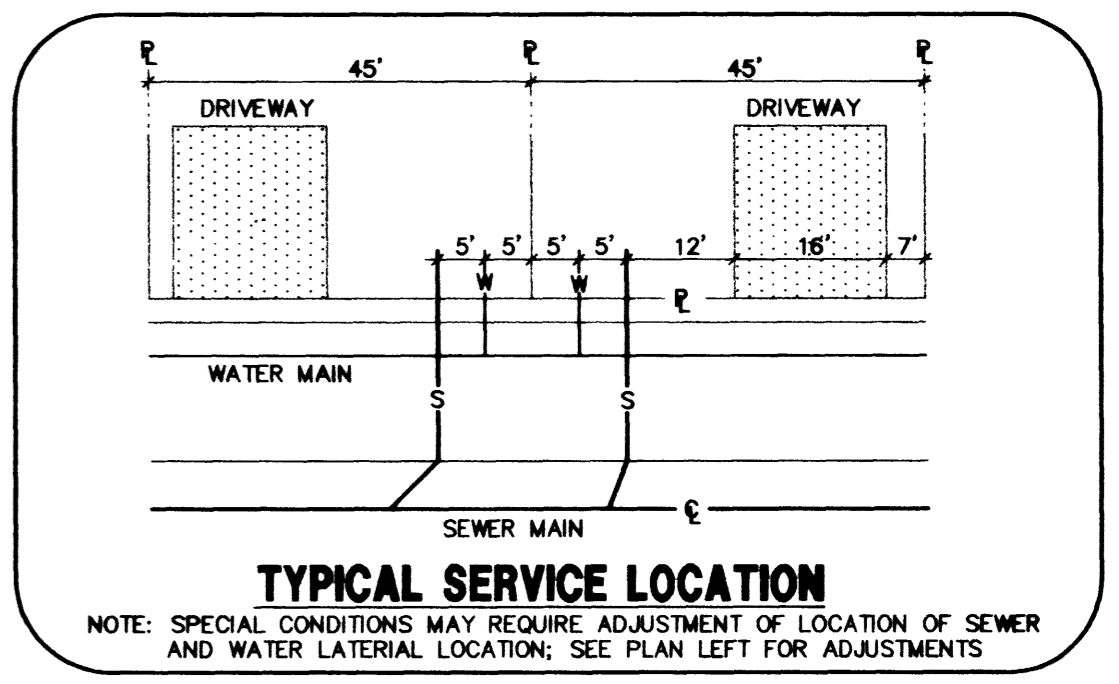
WATER		SEWER	
1 FIRE HYDRANT W/ ASSEMBLY	4 EA.	48" DIAMETER STANDARD MANHOLE (PUBLIC)	2 EA.
2 8" GATE VALVE	3 EA.	8" PVC SEWER MAIN (50E 25)	1,052 LF
3 8" X 8" X 8" TEE	2 EA.	4" PVC SERVICE LATERAL	1,290 LF
4 8" 90° ELBOW	2 EA.	SEWER WYE	47 EA.
5 12" X 12" X 6" TAPPING TEE & TAPPING VALVE	1 EA.	STREET LIGHTS	
6 8" WATER MAIN (C900)	1,422 LF	150W HPS LUMINAIRE (PUBLIC)	6 EA.
WATER SERVICE		200W HPS LUMINAIRE (PUBLIC)	3 EA.
3/4" METER FROM L.V.V.W.D.	47 EA.	400W HPS LUM. W/ 40 AMP (PUBLIC) SINGLE POLE BREAKER	1 EA.
1" COPPER SERVICE	47 EA.	GL 300 - 2 MANTLE GAS (PRIVATE)	47 EA.

NOTE: THIS PROJECT IS IN THE 2420 PRESSURE ZONE. WATER PRESSURE WILL BE APPROXIMATELY 50 PSI.

Avoid cutting underground utility lines. It's costly.

Call before you Dig

1-800-227-2600
UNDERGROUND SERVICE (USA)



FIRE HYDRANT INSTALLATION
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7

SEWAGE CONTRIBUTION
47 RESIDENTIAL UNITS X 250 G.P.D. = 11,750 G.P.D. PEAKING FACTOR = 3.1 (FROM TABLE C, PG. T-3) PEAK FLOW: 11,750 X 3.1 = 36,425 G.P.D.

***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.

ST. LT. LEGEND

- PROPOSED GL 300 - 2 MANTLE GAS ST. LT.
- PROPOSED 150 WATT ST. LT.
- PROPOSED 200 WATT ST. LT.
- PROPOSED 400 WATT ST. LT.
- EXISTING STREET LIGHT

NOTE:
IN EAGLE CREEK ESTATES SOUTH PHASE 2, ONE GL 300 - 2 MANTLE GAS STREET LIGHT WILL BE INSTALLED ON EACH LOT. SEE SOUTHWEST GAS PLAN FOR LOCATION AND DESIGN.

FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.

BASED ON SQUARE FOOTAGE AREA	1775
LARGEST AREA BETWEEN AREA SEPARATION	N/A
HEIGHT	ONE STORY
TYPE OF CONSTRUCTION	5N
EXPOSURES	10' MIN
SPRINKLER SYSTEM	NONE
OCCUPANCY	SINGLE-FAMILY
ROOF CONSTRUCTION	TILE

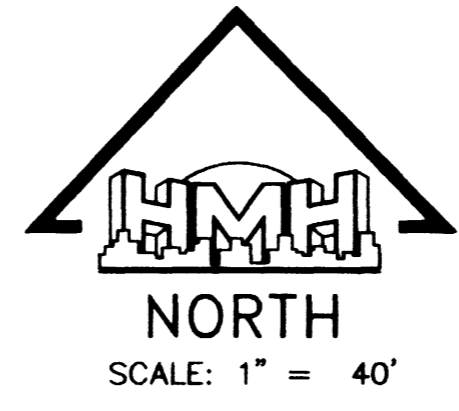
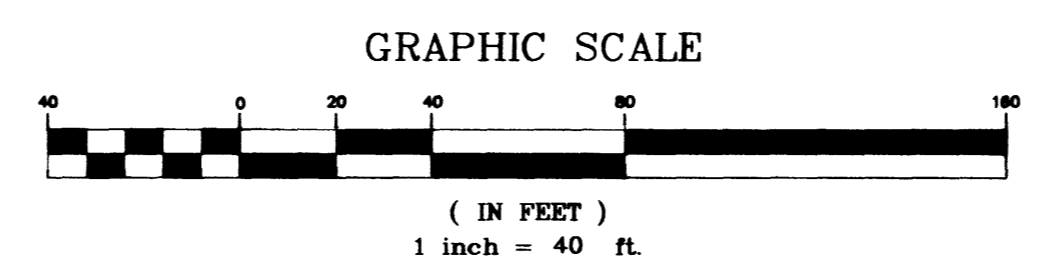
BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL #38-1LV90-36N4 RIVET AND PLATE IN SOUTH TOP OF CURB, ANN ROAD AT CURB ANGLE POINT, 1530' EAST OF CALVERTS STREET. NAVD88 DATUM ELEVATION: 696.2262 METERS (2284.20 FEET)

BASIS OF BEARINGS
NORTH 88°46'05" EAST BEING THE CENTERLINE OF AZURE DRIVE AS SHOWN BY A MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA IN FILE 52 OF RECORDS OF SURVEYS, PAGE 70.

APPROVALS

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. G.P.M.

CLW FIRE DEPARTMENT 10/22/98 DATE
 Ronnie Craft 11/10/98 DATE
 LAS VEGAS VALLEY WATER DISTRICT



DESCRIPTION
DATE
REV

8080 WEST SAHARA AVENUE-SUITE D
LAS VEGAS, NEVADA 89117
PHONE: (702) 256-7850
FAX: (702) 256-1710

LMMA
ENGINEERING & SURVEYING, INC.

PULTE HOMES
EAGLE CREEK ESTATES SOUTH UNIT 2
UTILITY PLAN 1

SHEET
3
OF 12 SHEETS

11101
11409
26548

4-3-BUJCT 307Y-4555-2