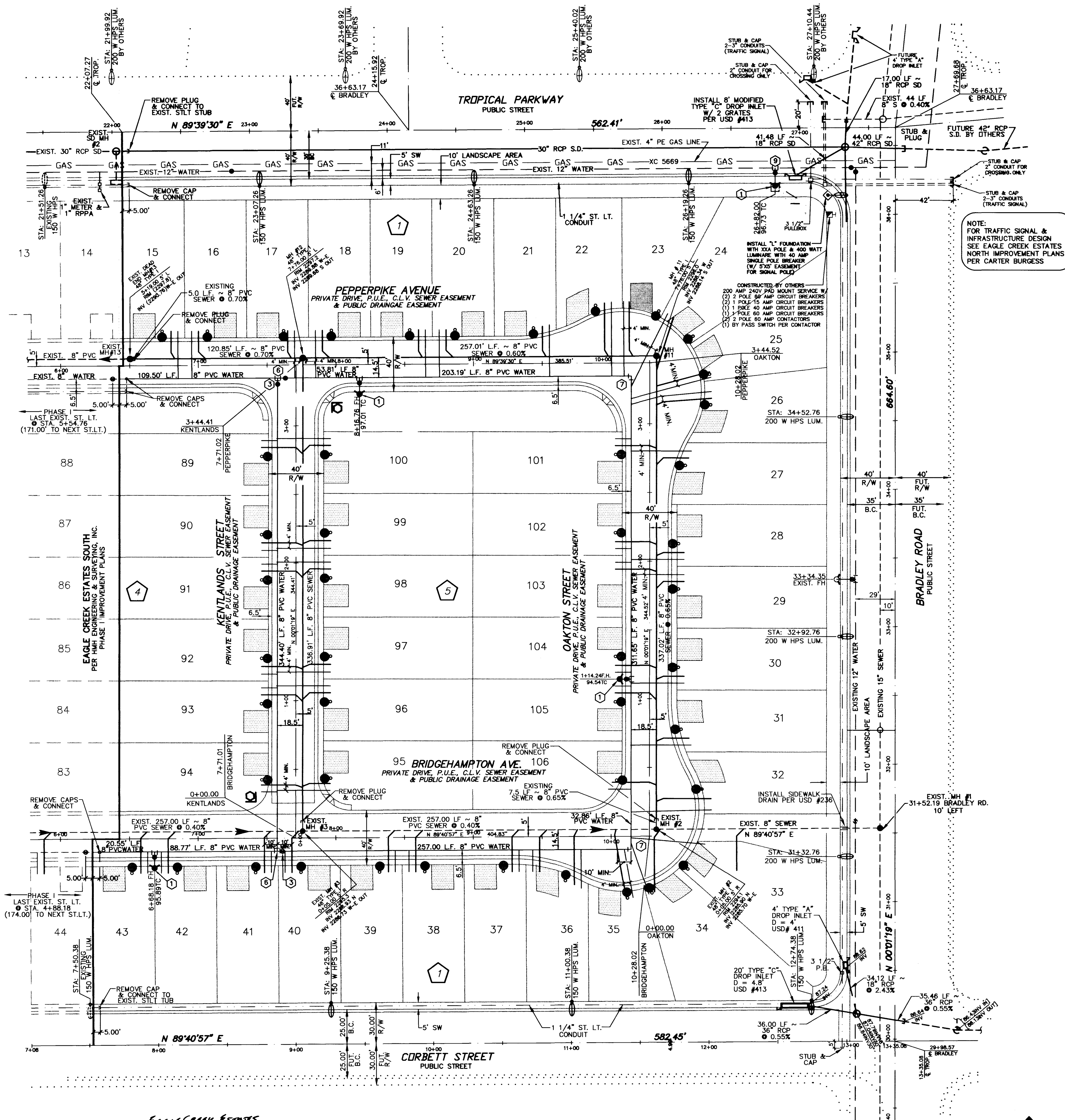
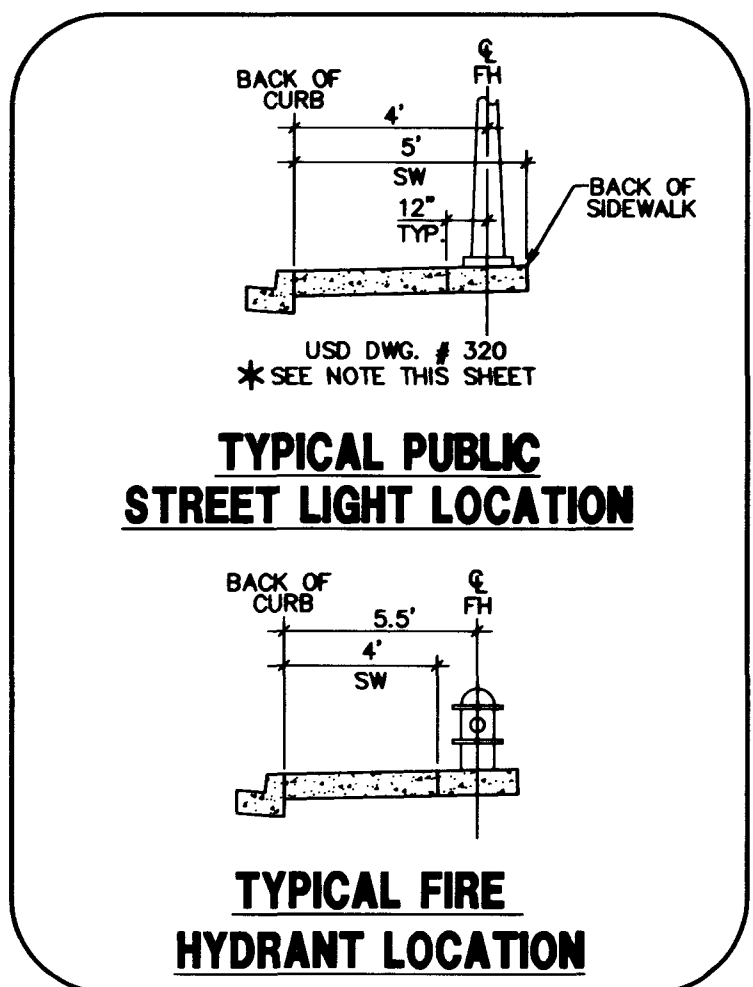
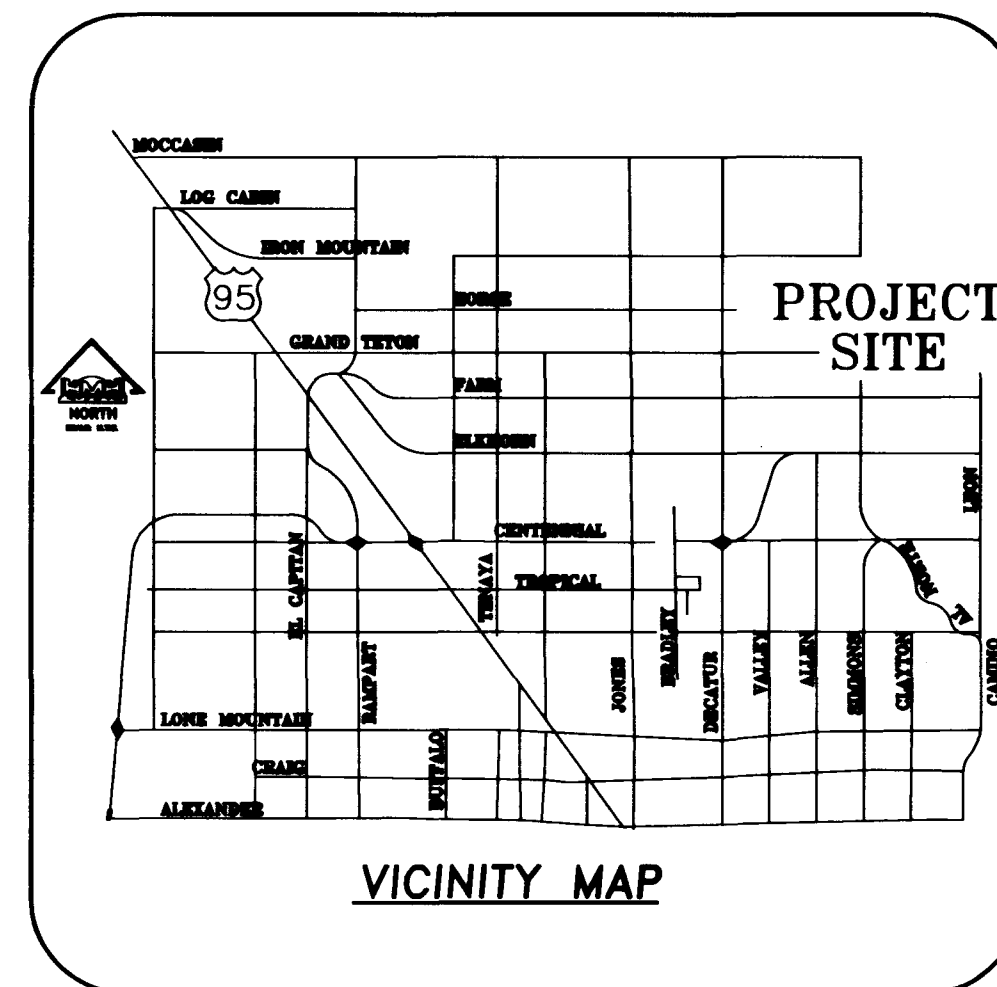
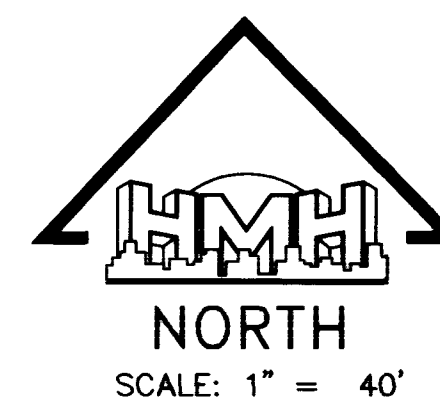
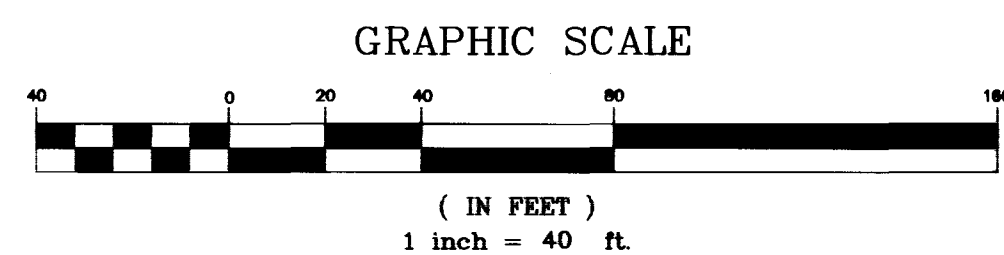




PROJECT NAME: Eagle Creek Estates South Unit 2
 SHEET: 3
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water commitment.
David P. Huckle 10-19-98
 DATE



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

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

Call before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

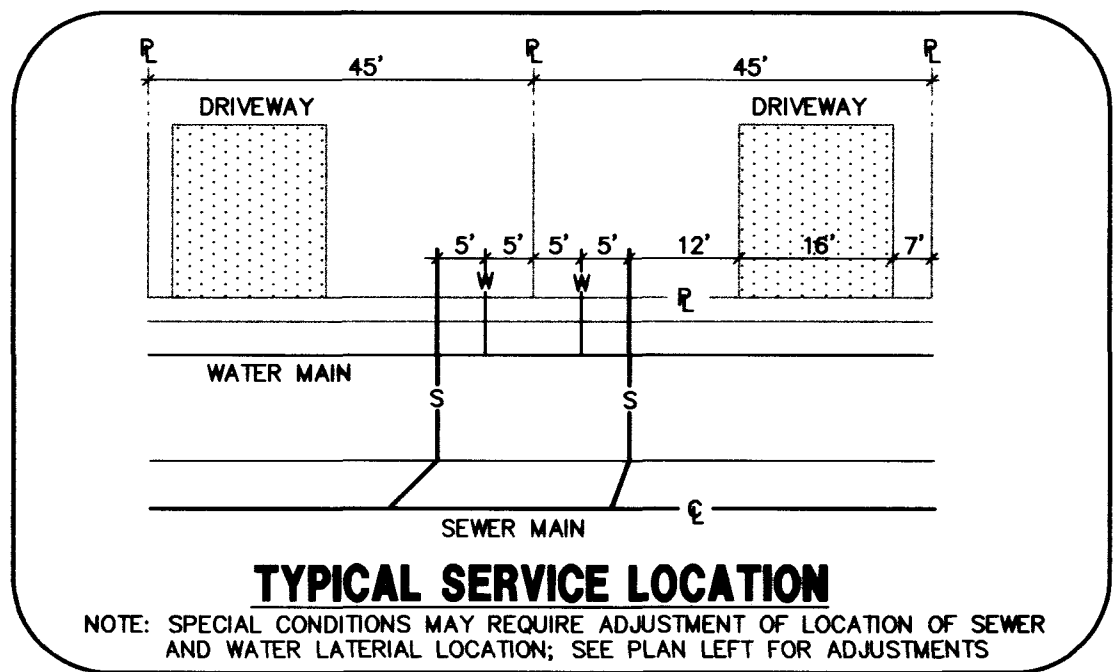
FIRE HYDRANT INSTALLATION
 FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7

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.

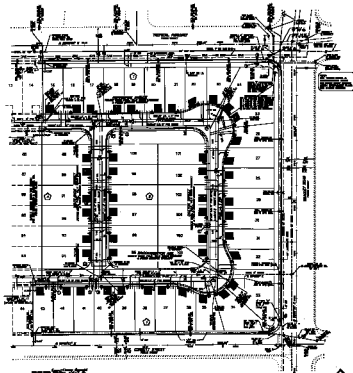


FIRE FLOW DATA	
FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL	
BASED ON SQUARE FOOTAGE AREA	1775
LARGEST AREA BETWEEN AREA SEPARATION	N/A
HEIGHT	ONE STORY
TYPE OF CONSTRUCTION	5N
EXPOSURES	10' MIN
SPRINKLER SYSTEM	NONE
OCCUPANCY	SINGLE-FAMILY
ROOF CONSTRUCTION	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.
 CLW FIRE DEPARTMENT 10/22/98 DATE
 LAS VEGAS VALLEY WATER DISTRICT DATE



Prepared by
 Checked by
 Drawn by
 Date

GRAPHIC SCALE
 0 25 50 75 100 125
 FEET

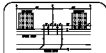


ESTIMATE OF UNIT 2 QUANTITIES

ITEM	QUANTITY	UNIT	PRICE
1. 12" WATER MAIN	1.00	LINEAL FEET	1.00
2. 12" SEWER MAIN	1.00	LINEAL FEET	1.00
3. 12" GAS MAIN	1.00	LINEAL FEET	1.00
4. 12" ELECTRIC MAIN	1.00	LINEAL FEET	1.00
5. 12" WATER MAIN	1.00	LINEAL FEET	1.00
6. 12" SEWER MAIN	1.00	LINEAL FEET	1.00
7. 12" GAS MAIN	1.00	LINEAL FEET	1.00
8. 12" ELECTRIC MAIN	1.00	LINEAL FEET	1.00
9. 12" WATER MAIN	1.00	LINEAL FEET	1.00
10. 12" SEWER MAIN	1.00	LINEAL FEET	1.00
11. 12" GAS MAIN	1.00	LINEAL FEET	1.00
12. 12" ELECTRIC MAIN	1.00	LINEAL FEET	1.00
13. 12" WATER MAIN	1.00	LINEAL FEET	1.00
14. 12" SEWER MAIN	1.00	LINEAL FEET	1.00
15. 12" GAS MAIN	1.00	LINEAL FEET	1.00
16. 12" ELECTRIC MAIN	1.00	LINEAL FEET	1.00
17. 12" WATER MAIN	1.00	LINEAL FEET	1.00
18. 12" SEWER MAIN	1.00	LINEAL FEET	1.00
19. 12" GAS MAIN	1.00	LINEAL FEET	1.00
20. 12" ELECTRIC MAIN	1.00	LINEAL FEET	1.00

SEE SHEET 1.1 FOR TOTALS AND SEE SHEET 1.2 FOR DETAILS.

Call
 before you
 Dig
 1-800-222-2000



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