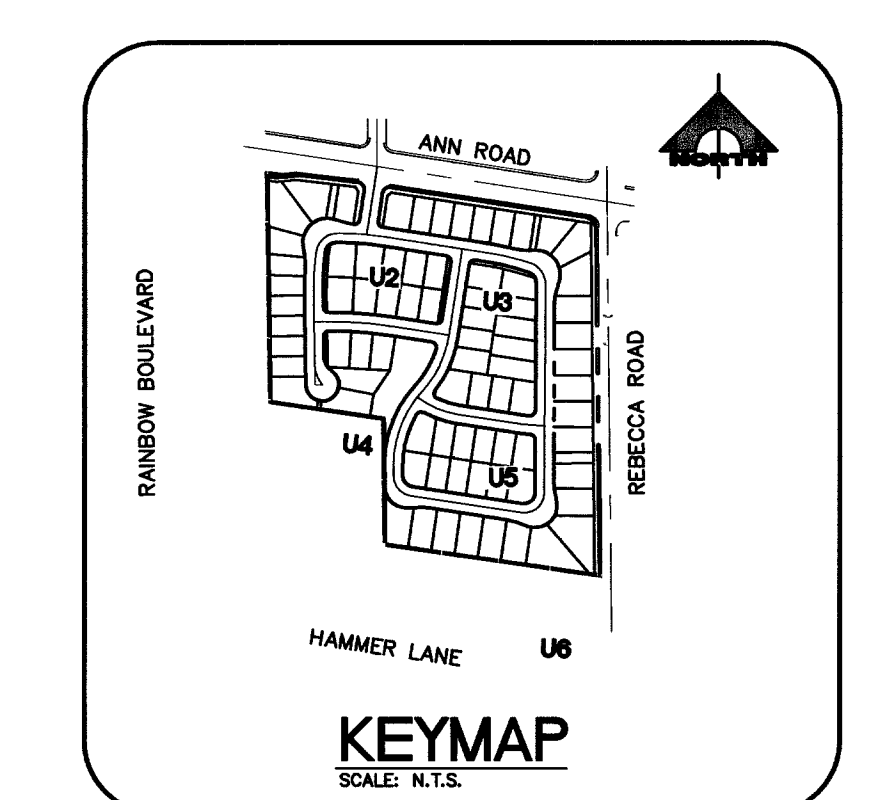
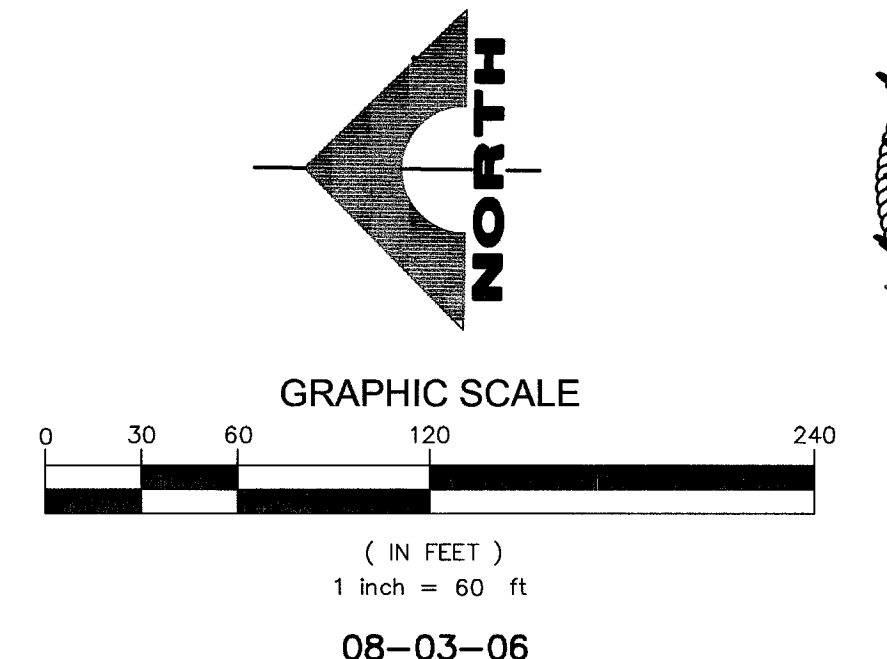
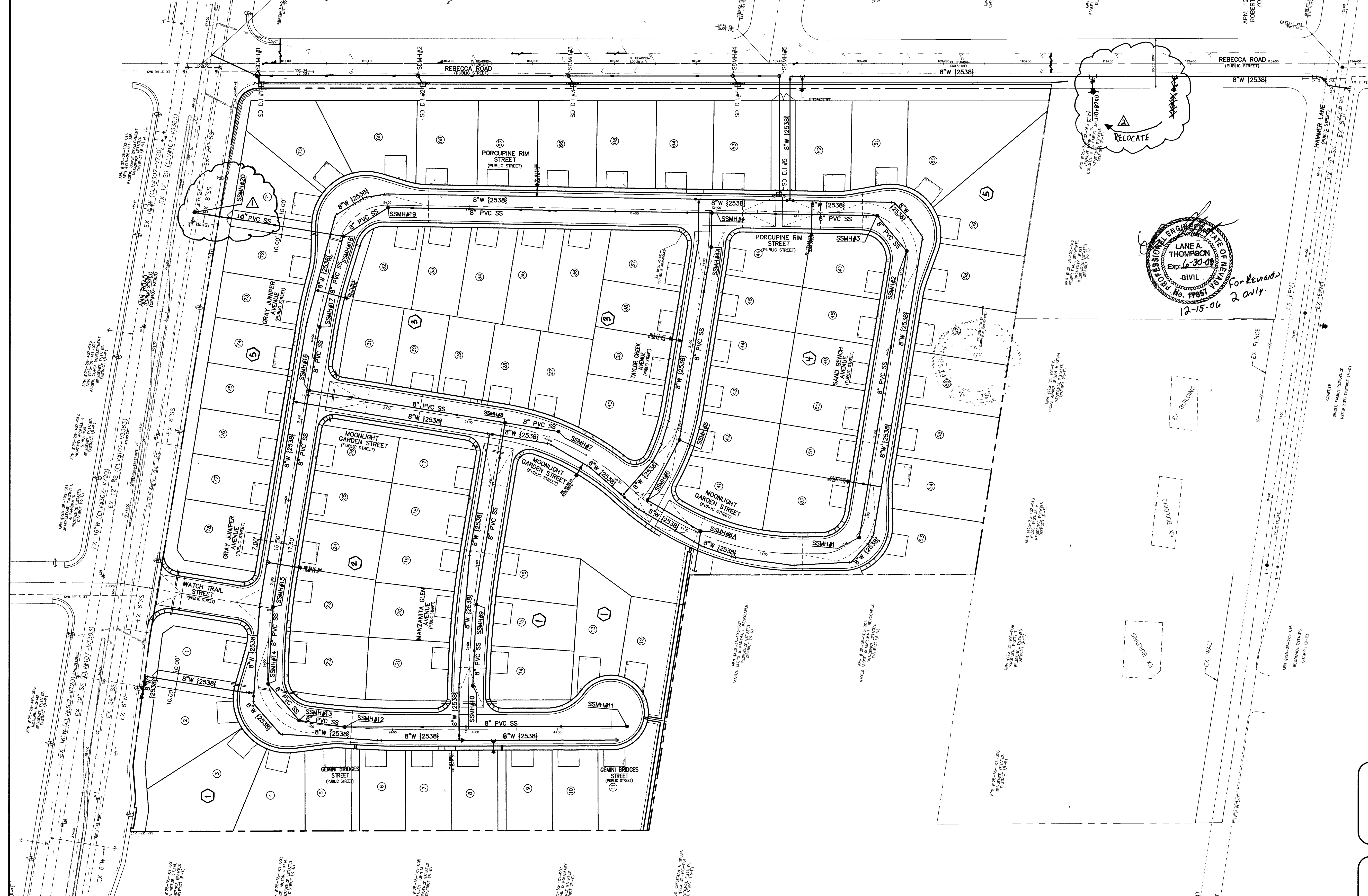




- LEGEND**
- FIRE HYDRANT W/6" G.V. & F.H. LOCATOR BUTTON
 - WATER LINE
 - 1" WATER LATERAL & 3/4" METER PER UDACS PLATE 1B
 - SEWER LINE
 - SEWER LATERAL
 - GATE VALVE
 - REDUCER
 - SEWER MANHOLE
 - STORM DRAIN LINE W/MANHOLE
 - 3/4" IRRIGATION METER W/R.P.P.A PER UDACS PLATE 1D & 11A
 - RIGHT OF WAY LINE TYPE
 - PROPERTY LINE TYPE
 - * INDICATES LATERALS NOT TYPICAL
 - (BW) BACKWATER VALVE
 - (PRV) PRESSURE REGULATION VALVE
 - 2" BLOW OFF ASSEMBLY
 - CONCRETE DRIVEWAY
 - LMA LANDSCAPE MAINTENANCE ASSOCIATION

BENCHMARK

CLV BENCHMARK: BLV90 34NE6
NAVD 88 ELEVATION: 707.8072 METERS 2322.20 FEET

RIVET AND PLATE IN TOP OF CURB AT THE SOUTHWEST (SW) CORNER OF RAINBOW BOULEVARD AND HAMMER LANE.

BASIS OF BEARINGS

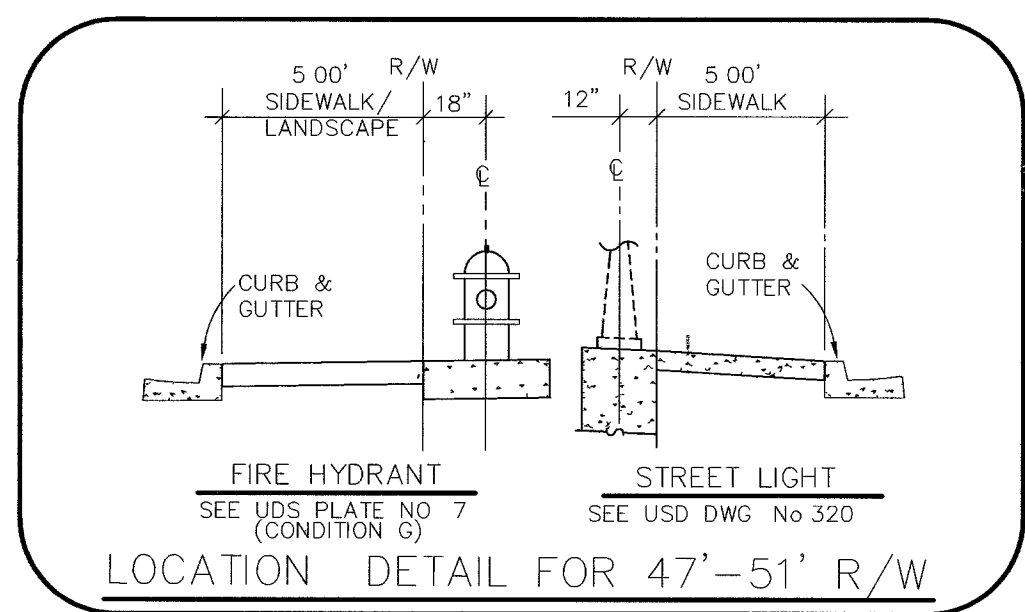
SOUTH 81°58'12" EAST BEING THE BEARING OF THE SOUTH LINE OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 35, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN BY MAP THEREOF ON FILE IN BOOK 108, PAGE 43 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

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

NOTES

- ALL WATER PIPE TO BE C900 PVC UNLESS OTHERWISE NOTED ON PLANS.
- GATE VALVES SHALL NOT BE LOCATED IN STREET GUTTERS, VALLEY GUTTERS, OR IN DRIVEWAYS PER UNIFORM DESIGN & CONSTRUCTION STANDARD FOR WATER DISTRIBUTION, 1995 ITEM #2.09.01.
- CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES & NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
- LATERALS NOT PERPENDICULAR TO MAINS TO HAVE PIPE LOCATOR RIBBON INSTALLED ABOVE LATERALS. 9/6/95 44 98200

SSMH #	STATION	CL. OFFSET	TMH ELEV.	INV. IN	INV. IN	INV. OUT
1	0+73.17	3.79 R	2320.03			2312.54
2	4+25.81	0.00	2318.52	2311.14		2310.94
3	4+84.49	0.00	2317.82	2310.71		2310.51
4	4+81.21	2.45 R	2317.01	2309.72	2309.74	2309.52
4A	4+20.07	3.57 R	2316.79	2310.12		2309.92
5	1+83.43	6.22 R	2318.30	2311.51		2311.31
6	1+02.13	5.98 R	2318.44	2312.12		2312.40
6A	6+18.85	2.81 LT	2319.03	2312.80		2312.60
7	4+07.95	10.70 L	2320.08			2310.46
8	3+43.84	3.01 L	2320.93	2310.06	2310.06	2309.86
9	2+52.13	3.00 R	2322.02	2311.38		2311.18
10	1+53.04	5.04 R	2321.09			2311.97
11	4+76.22	25.13 R	2320.03			2313.42
12	1+44.78	0.00	2321.74	2311.36		2311.16
13	1+14.26	0.00	2322.05	2310.93		2310.73
14	1+75.18	0.00	2322.38	2310.49		2310.29
15	2+69.02	1.99 R	2322.72	2309.92		2309.72
16	5+36.19	3.00 R	2320.99	2308.66	2308.66	2308.46
17	6+14.50	3.00 R	2320.42	2308.15		2307.95
18	7+29.16	2.42 R	2319.59	2307.49	2307.49	2307.29
19	8+00.78	3.00 R	2319.05	2307.95		2307.75
20	4+45.00	65.00 R	2319.90	2306.74		2306.54
21	4+57.73	55.00 R	2319.20	2306.43		2304.86



- NOTES**
- DIMENSIONS SHOWN ON THIS PLAN ARE FOR INFORMATION ONLY AND SHALL NOT BE USED AS A SALES TOOL BY SALES PERSONNEL OR PROSPECTIVE PURCHASERS.
 - REFER TO FINAL RECORDED MAP FOR ALL LOT DIMENSIONS
 - ALL PUBLIC DRAINAGE EASEMENT SURFACE AREAS ARE TO BE PRIVATELY MAINTAINED BY HOMEOWNERS' ASSOC.
- ALL SEWER/STORM DRAINS CROSSING WATER LINE MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES
- NOTE:**
ALL PUBLIC SEWERS SHOWN ON THIS PLAN WILL BE IN A PUBLIC SEWER EASEMENT AS SHOWN ON THE FINAL MAP
- NOTE TO CONTRACTOR**
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 27.

NOTE:
ALL CURVED WATER MAINS SHALL BE OBTAINED BY DEFLECTION ONLY AT JOINTS OF 1" OR LESS PER UDACS 2.06.01 OR 2.06.02

NOTE:
ALL EXISTING UTILITIES SHOWN FOR GRAPHICAL PURPOSES ONLY. CONTRACTOR RESPONSIBLE FOR UTILITY LOCATE AND VERIFICATION. ENGINEER MUST BE NOTIFIED OF ANY DESPEENCY.

WATER METER TABLE			
SIZE	TYPE	USE	QUANTITY
3/4"	POSITIVE DISPLACEMENT	DOMESTIC	75
1"	POSITIVE DISPLACEMENT	DOMESTIC	3

IRRIGATION METER TABLE			
SIZE	TYPE	USE	QUANTITY
3/4"	POSITIVE DISPLACEMENT	IRRIGATION	3

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS 1750 gallons per minute at 20 psi residual pressure

Based on:

SQUARE FOOTAGE: 3800 SF

BUILDING HEIGHT: 35 FEET

NUMBER OF STORIES: 2

TYPE OF CONSTRUCTION: TYPE V-B

FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO

APPROVED FOR CONSTRUCTION

CLV FIRE DEPARTMENT 8/3/06 DATE

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT 9/6/06 DATE
PROJECT# H-14158

CLV DWG#
1074937

STATE OF NEVADA
RICK J. WALLACE
PROFESSIONAL ENGINEER
No. 15289-00
DATE 8/3/06

DESIGN: _____
DRAWN: _____
CHECK: _____
ISSUE DATE: _____
PLOT DATE: 08-03-06
PLOT TIME: 09:05:34

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 864-2500 • FAX: (702) 864-2359
H-0501764-100-100 LWS/LWS/VMP/CA 12-2-01 DWG

PULTE HOMES, INC.
ANN 17
MASTER UTILITY PLAN

DRAWING
U1
22 OF 31 SHTS