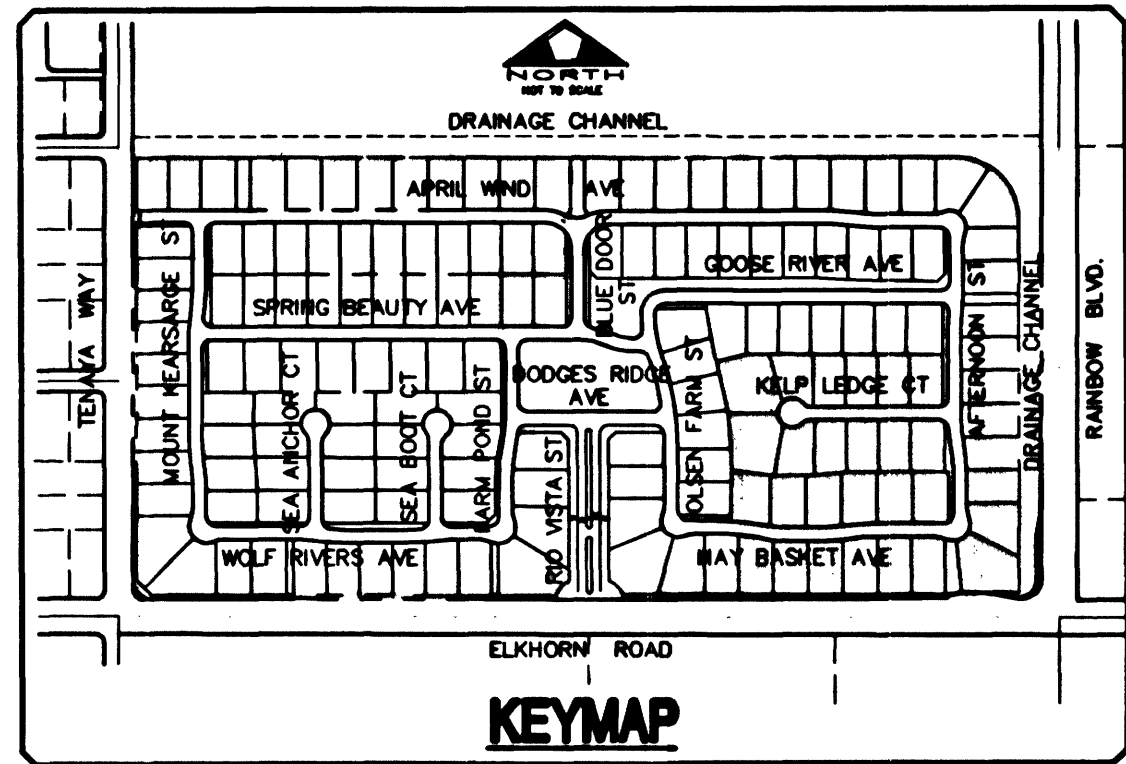
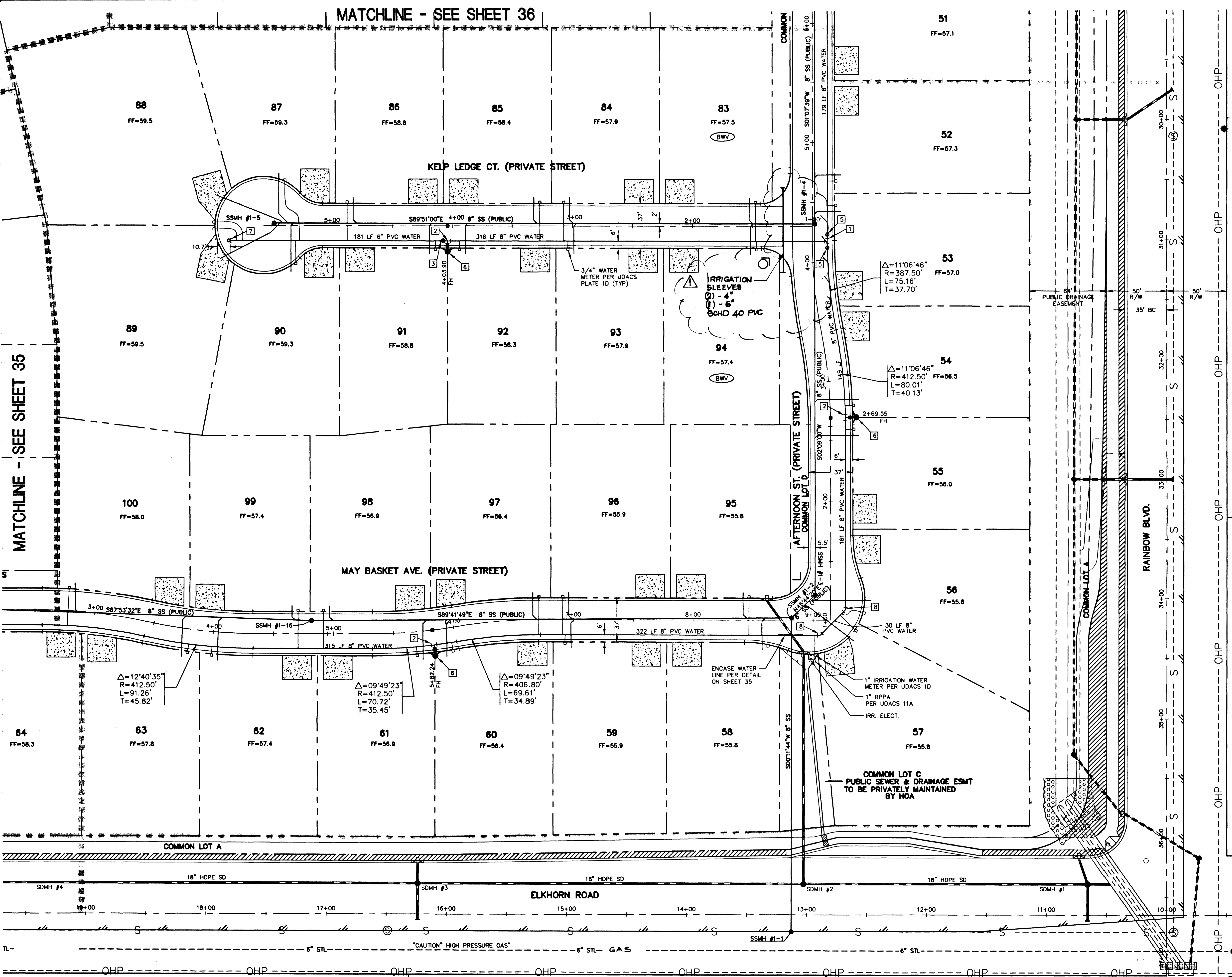




WATER FITTINGS LEGEND:

1 8" TEE	8 8" 45° BEND
2 8"x6" TEE	9 8" 22.5° BEND
3 8"x8" REDUCER	10 8" x 8" CROSS
4 8" 90° BEND	11 12" x 8" TEE
5 8" GATE VALVE	
6 FIRE HYDRANT ASSY. PER UDACS PLATE 7 INCLUDING 6" G.V.	
7 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE 4	

ESTIMATE OF WATER QUANTITIES

1 1/2" WATER METER (UDACS PLATE 10)	3 EA.
6" PVC WATER MAIN	139 L.F.
8" PVC WATER MAIN	7,672 L.F.
12" PVC WATER MAIN	491 L.F.
8" DIP WATER	281 L.F.
3/4" WATER METER (FROM LVWD)	79 EA.
W/ 1" COPPER SERVICE (UDACS PLATE 10)	
1" WATER METER (IRRIGATION)	5 EA.
W/ 1" COPPER SERVICE (UDACS PLATE 10)	
1" R.P.P.A. (IRRIGATION) (UDACS PLATE 11A)	6 EA.
2" BLOW-OFF ASSEMBLY W/CAP	7 EA.
10" x 8" TEE	1 EA.
12" x 8" TEE	1 EA.
8" TEE	9 EA.
8" x 6" REDUCER	1 EA.
STD. FIRE HYDRANT ASSEMBLY W/ 6" LATERAL, 6" GATE VALVE	13 EA.
8" GATE VALVE	16 EA.
45° BEND, 8"	6 EA.
22.5° BEND, 8"	5 EA.
12" TEE	1 EA.
12" GATE VALVE	2 EA.
12" x 8" REDUCER	1 EA.
NOTE: QUANTITIES ARE APPROXIMATE ONLY - CONTRACTOR TO VERIFY.	
1 1/2" RPPA (UDACS PLATE 11A)	3 EA.

UTILITY LEGEND

EX 8" W	EXISTING WATER LINE W/SIZE
8" W	PROPOSED WATER LINE W/SIZE
8" W	PROPOSED WATER LATERAL
8" S	EXISTING SEWER LINE W/SIZE
8" S	PROPOSED SEWER LINE W/SIZE
8" S	PROPOSED SEWER LATERAL
8" S	EXISTING SEWER MANHOLE
8" S	PROPOSED SEWER MANHOLE
8" S	0" LIP DRIVEWAY
8" S	GATE VALVE
8" S	CONCRETE DRIVEWAY
12" W	WATER REDUCER
8" W	REQUIRES BACKWATER VALVE
8" W	REQUIRES PRESSURE REDUCER VALVE

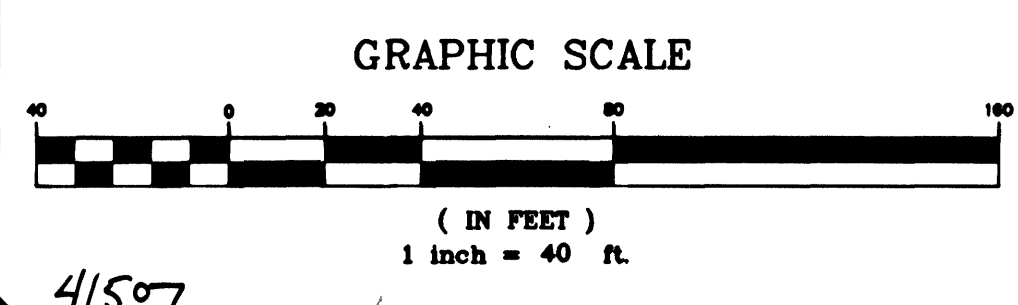
TRAFFIC LEGEND

L	9" D3 STREET NAME SIGN (PER STD DWG 250)
O	30" STOP SIGN (R1-1) LOCATE AT BOP
■	BLUE REFLECTIVE MARKER
—	STREET SIGN AS NOTED PER PLAN

APPROVALS

CITY FIRE MARSHAL: [Signature] DATE: 5/17/02

LAS VEGAS VALLEY WATER DISTRICT: [Signature] DATE: 5/17/02



BASIS OF BEARING

THE BASIS OF BEARING FOR THIS SURVEY IS THE WEST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 15, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN FILE 115, PAGE 13 OF OFFICIAL RECORDS, CLARK COUNTY, NEVADA, I.E. NORTH 00°11'55" EAST

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 1LV90 115WS. RIVET AND PLATE IN TOP OF CURB, SOUTH SIDE OF RAINBOW BLVD. AND PLANAGAN DRIVE, 200' NORTH OF GRAND TETON DRIVE. ELEVATION: = 724.3622 METERS (N.A.V.D. 88) ELEVATION: = 2376.512 U.S. FEET (CALCULATED N.A.V.D. 88)

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

PULTE HOMES
1635 VILLAGE CENTER CIRCLE, SUITE 250
LAS VEGAS, NEVADA 89134
(702) 256-7900

PENTACORE
CIVIL ENGINEERING, LAND SURVEYING, PLANNING
CONSULTING, ARCHITECTURAL, INTERIOR DESIGN
1635 VILLAGE CENTER CIRCLE, SUITE 250
LAS VEGAS, NEVADA 89134
(702) 256-0115

UTILITY AND TRAFFIC PLAN IV
WYETH RANCH
UNIT 1

DATE: 11/26/01
DRAWN BY: SLY
DESIGNED BY:
CHECKED BY:
JOB NO.: 0147/0230
SCALE: 1" = 40'

PROFESSIONAL ENGINEER STATE OF NEVADA
RICHARD P. SENECA
11752

SHEET **37** OF 41
C.L.V. DWG.# 307Y-4699