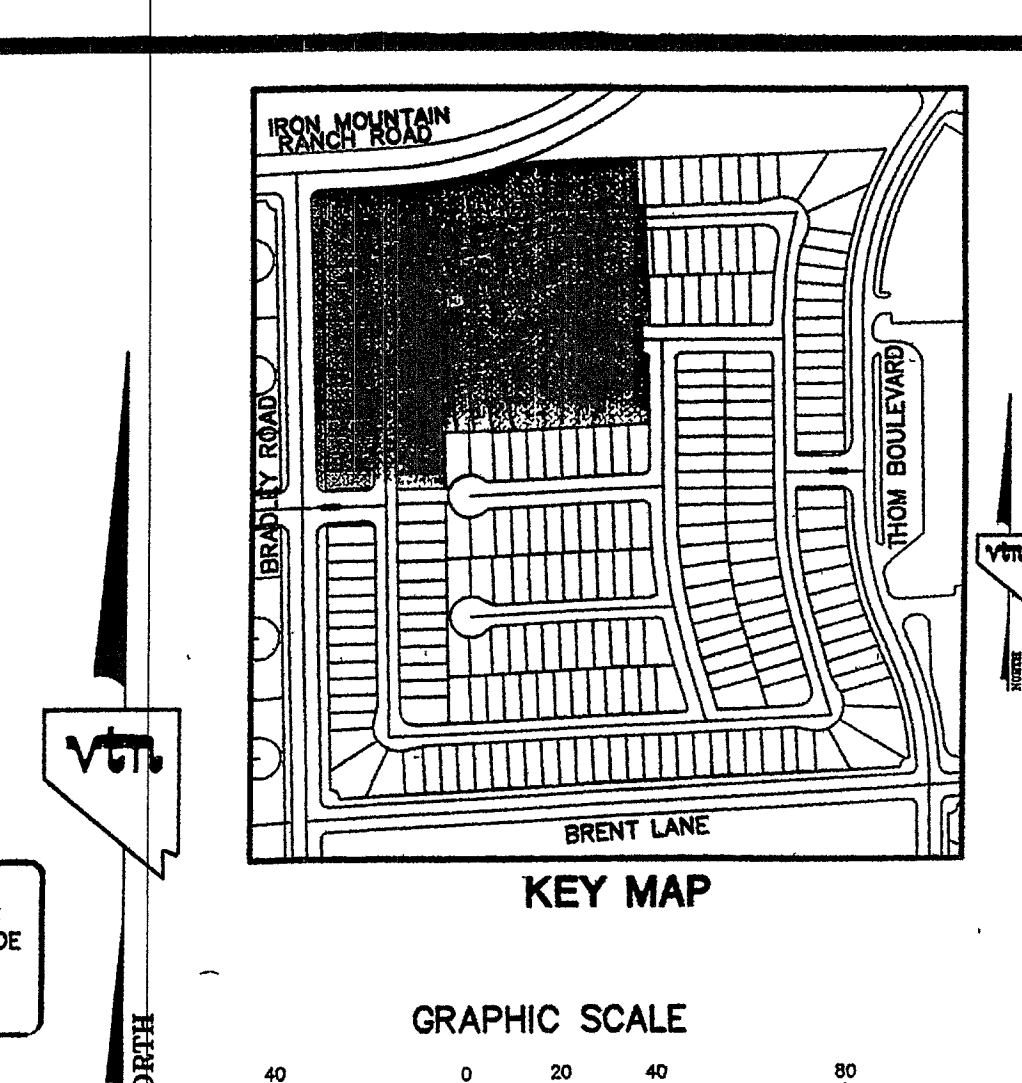




10'

1" = 40'

LEGEND

WATER

①	● FIRE HYDRANT ASSEMBLY.....	6 EA.
	(PER UDACS PLATE No. 7)	
②	● 8" GATE VALVE.....	4 EA.
③	● 18" TEE.....	3 EA.
④	● 4" 85° ELBOW.....	4 EA.
⑤	● 4" 22.5° ELBOW.....	6 EA.
⑥	● 4" 11.25° ELBOW.....	6 EA.
⑦	● CAP W/ 2" B.O. ASSEMBLY.....	0 EA.
	(PER UDACS PLATE No. 4A)	
⑧	● 8" S' ELBOW.....	5 EA.
	(SPECIFIED FITTING OR IFES)	
	RESTRAINED ON BOTH ENDS	
—	5/8" METER.....	79 EA.
	(PER UDACS PLATE 1B) TYPICAL	
—	* 3/4" METER.....	1 EA.
	(PER UDACS PLATE 1D) LOT# 1287	
—	5" WATER MAIN.....	2,269 LF

SEWER

●	STANDARD MANHOLE (PUBLIC).....	10 EA.
●	4" SEWER LATERALS (PRIVATE).....	2,045 LF

4" SEWER WYES (PRIVATE).....0.80 EA.
(BWB) BACKWATER VALVES (PRIVATE).....0 EA.
8" SEWER MAIN (PUBLIC).....2.072 LF

SEWER CONTRIBUTION (BASED ON 80 LOTS)
AVERAGE DAILY FLOW = 0.02 MGD.
PEAK FLOW (PF=3.5)= 0.07 MGD.

STREET LIGHT & SIGNAGE

150 WATT H.P.S. (PUBLIC)
SUMMERLIN TYPE 2B POLES.....3 EA.
WITH 8.0' ARMS

100 WATT H.P.S. (PUBLIC)
SUMMERLIN TYPE 2C POLES.....4 EA.
WITH 8.0' ARMS

70 WATT H.P.S. (PUBLIC)
SUMMERLIN TYPE 5C POLES.....6 EA.
WITH 8.0' ARMS

No. 3-1/2 PULLBOX FOR
FUTURE 70W STL.....9 EA.
2" ST. LT. CONDUIT.....4,015 LF

200/125 AMP SERVICE.....0 EA.
3 1/2" PULLBOX (PUBLIC).....5 EA.

R1-1 "STOP" SIGN &
(2) D3 "STREET NAME" SIGNS.....3 EA.

(2) D3 "STREET NAME" SIGNS.....2 EA.

DRIVEWAY LOCATION (SCHEMATIC)....80 EA.

POINT OF CONNECTION

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1,500 GALLONS/MIN.
AT 20 LBS /SQ.IN. RESIDUAL.

BASED ON:

SQUARE FOOTAGE: 2800
LARGEST AREA BETWEEN SEPERATION WALLS:
HEIGHT: 2 STORY
TYPE OF CONSTRUCTION:
EXPOSURE: 10' MIN.
SPRINKLER SYSTEM: NONE
OCCUPANCY: SINGLE FAMILY RESIDENCE
ROOF CONSTRUCTION: CONCRETE TILE

REVIEWED BY: *[Signature]*

DATE: 1-30-02
PROVIDE FIRE LANE IDENTIFICATION
PER CITY ORD. 3677

APPROVAL:

LAS VEGAS VALLEY WATER DISTRICT _____ DATE _____
 CITY OF LAS VEGAS FIRE MARSHAL _____ DATE _____
 SEE COVER SHEET
 NEVADA POWER COMPANY _____ DATE _____
 NEVADA POWER COMPANY APPROVAL IS ONLY FOR THE
 PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL
 LIGHT INSTALLATION AND CLEARANCE OF STREET LIGHT
 AND SIGNAL LIGHT INSTALLATION.

 PROFESSIONAL ENGINEER TENNESSEE NO. 10539 CIVIL EXPIRES 12-31-05	DRAWN BY: R.M.S.		MAY '02		7		
	DESIGNED BY: R.M.S.		MAY '02		6		
	CHECKED BY: KRN		MAY '02		5		
	PROJECT NO.: 220-3		SCALE: 1"=40' HORIZ. N/A VERT.		4		
	MASTER UTILITY PLAN & STREETLIGHT PLAN IRON MOUNTAIN RANCH VILLAGE 9 UNIT 3				3		
					2		
					1		
KB HOME 730 PILOT ROAD, SUITE F WESTPORT, MISSISSIPPI 39381 (702) 814-2300				CITY OF LAS VEGAS 2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH. (702) 873-7550 FAX (702) 362-2357  nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS		REV. DATE BY 1 2 3 4 5 6 7	
SHEET C5 6 OF 21 SHEETS DRAWING NO.							