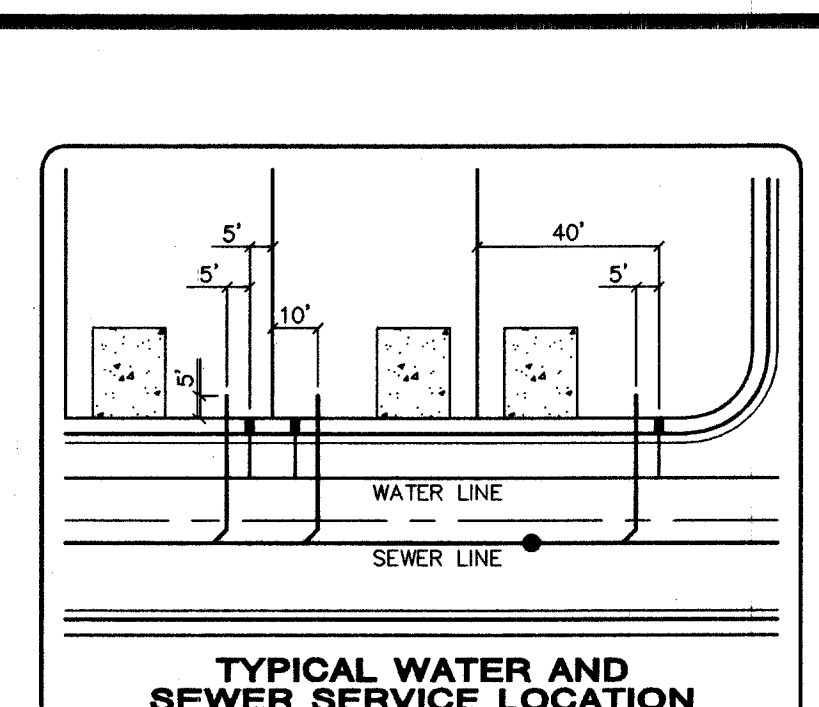
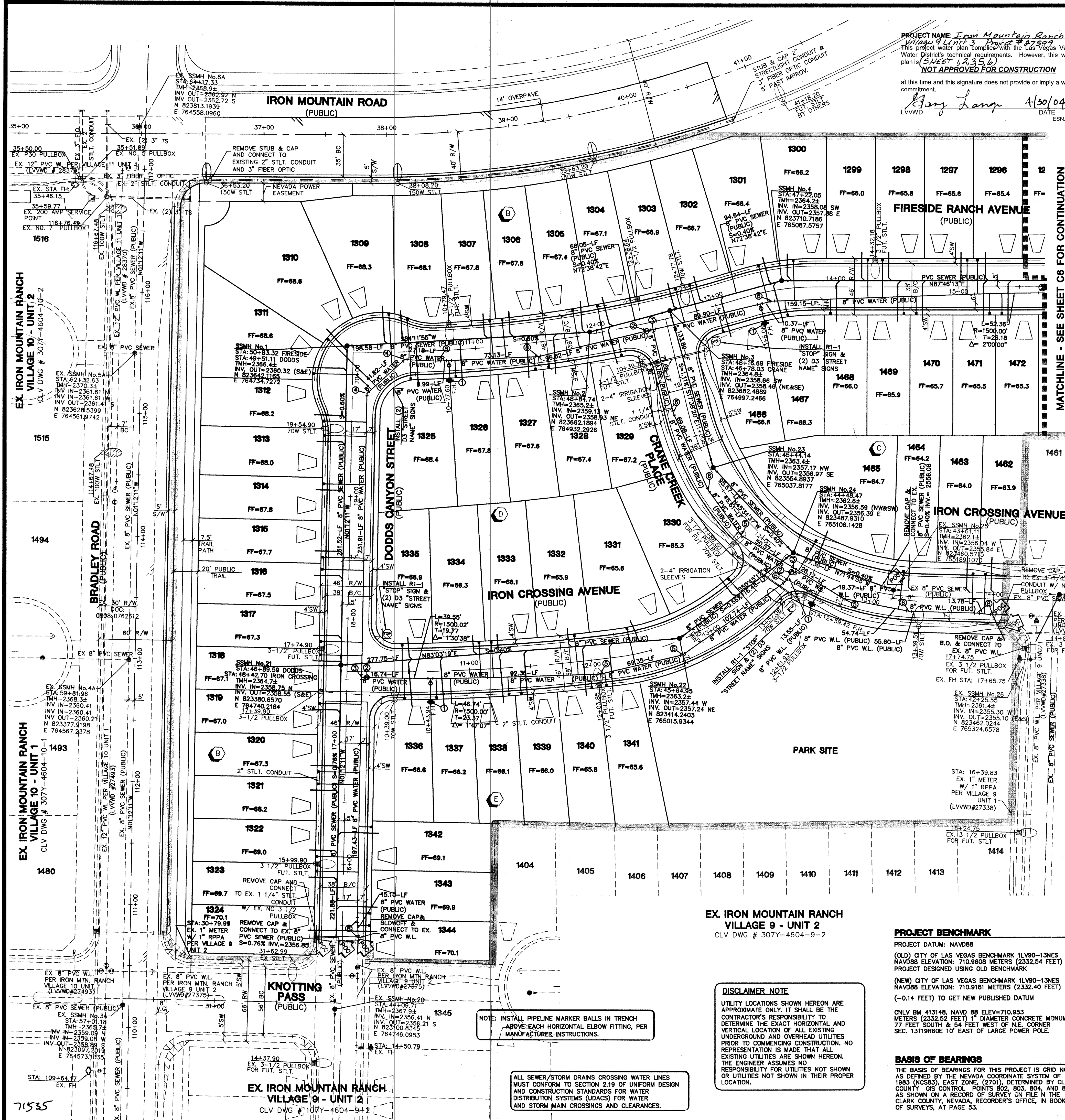
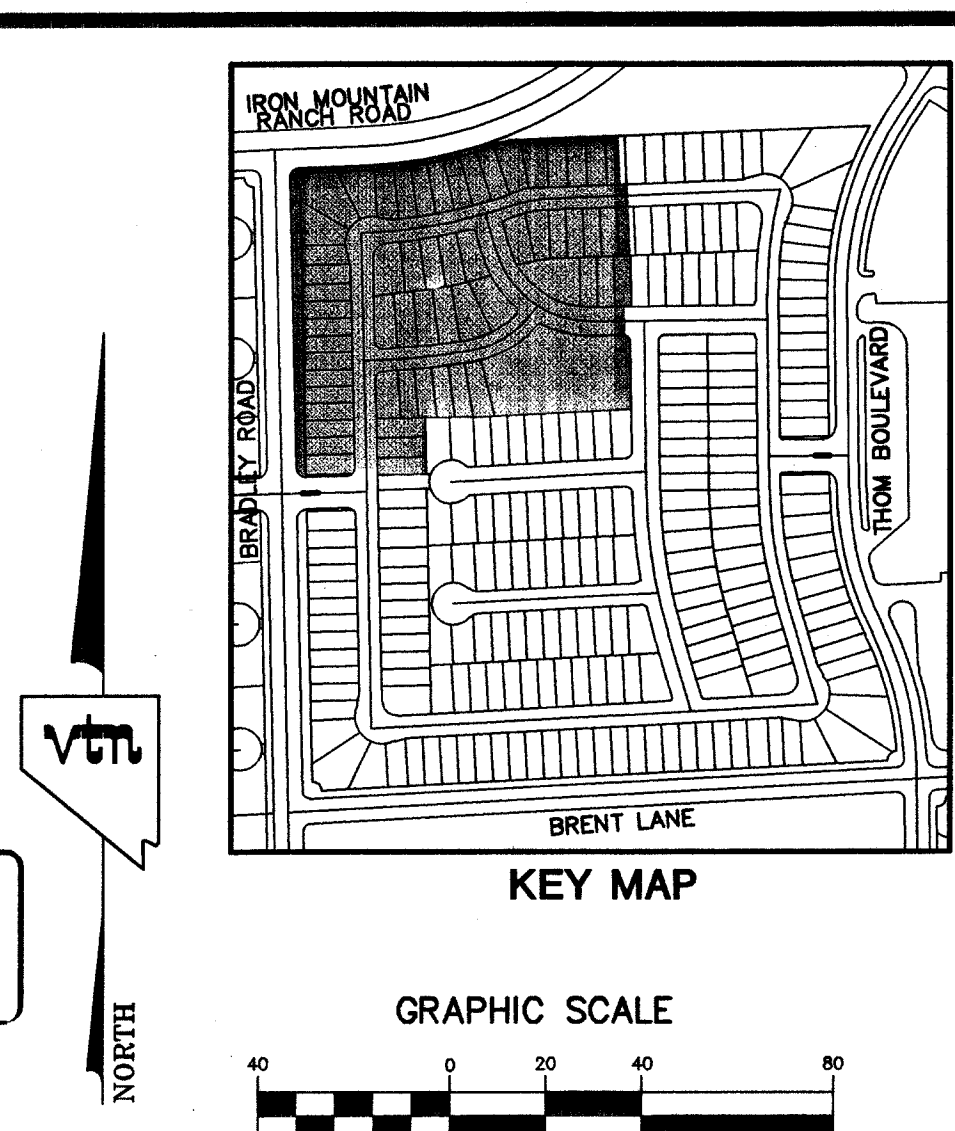
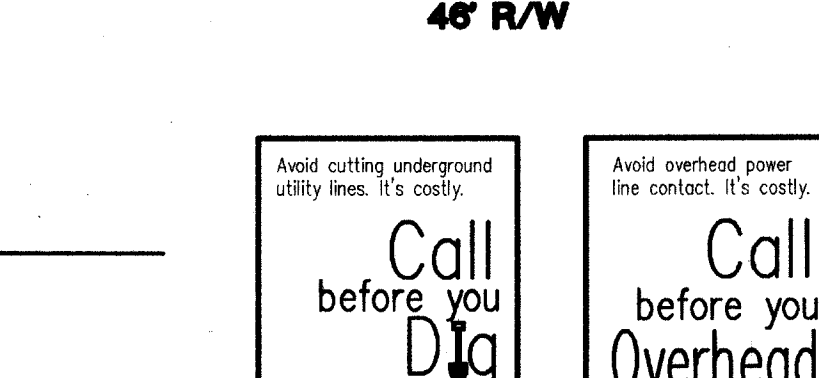
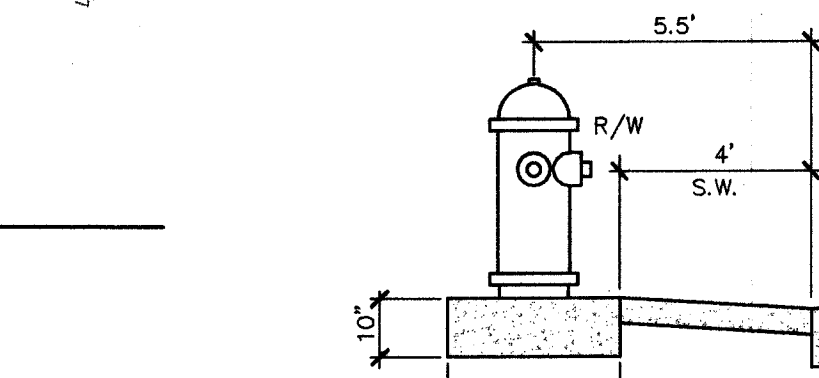
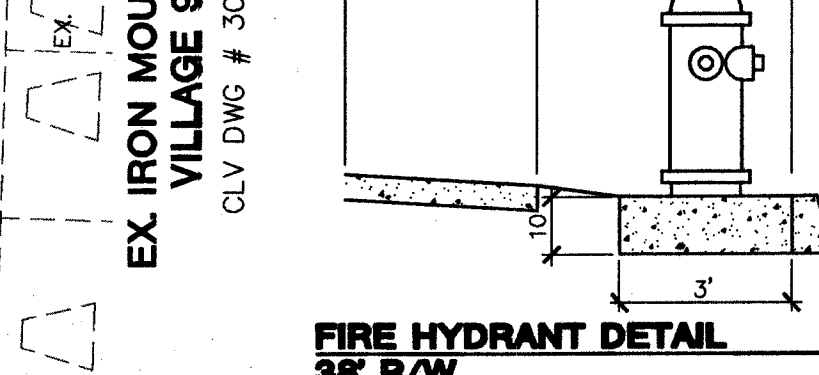
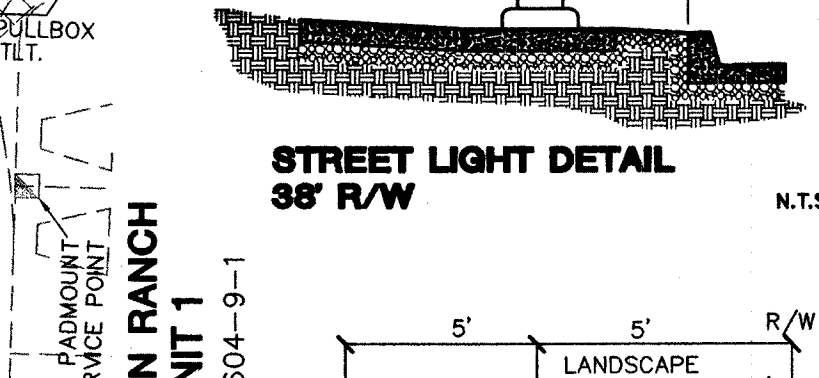
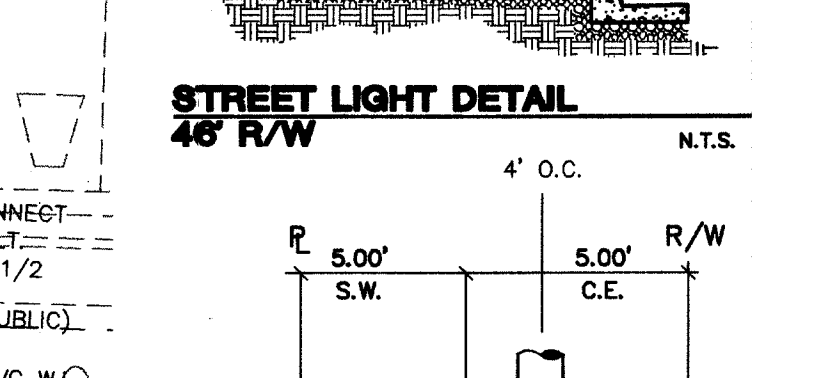
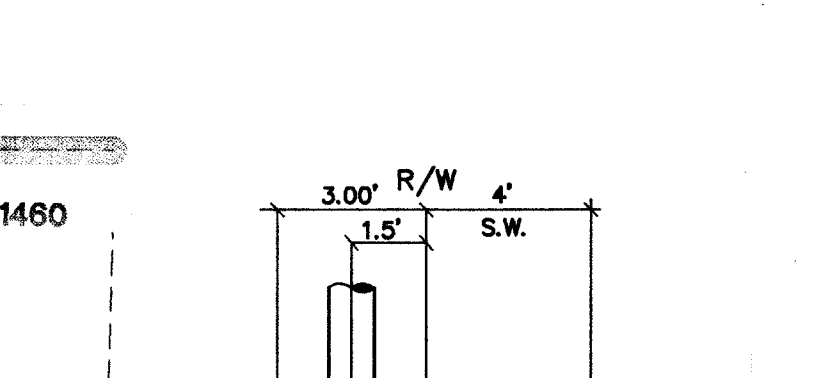
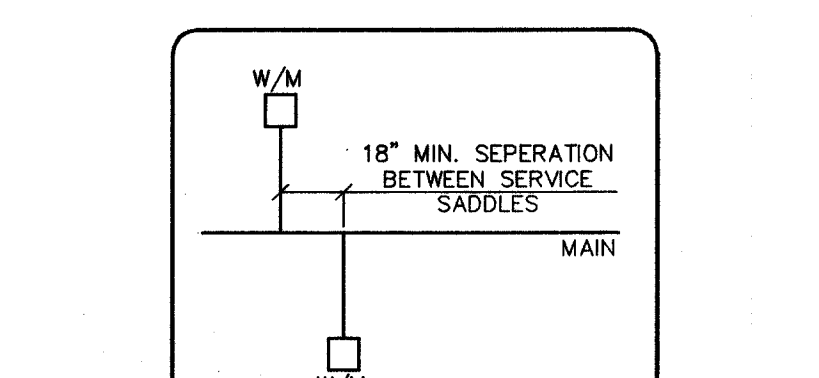




NOTE: CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL LVWD APPURTENANCES INCLUDING EXISTING AIR VALVES, VALVE BOXES AND BLOWOFFS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT THE CONTRACTOR'S EXPENSE.



LEGEND

WATER	
1" FIRE HYDRANT ASSEMBLY (PER UDCS PLATE NO. 7)	8 EA.
2" 8" GATE VALVE	4 EA.
3" 8" TEE	3 EA.
4" 45° ELBOW	4 EA.
4" 22.5° ELBOW	6 EA.
4" 11.25° ELBOW	6 EA.
4" CAP W/ 2" B.O. ASSEMBLY (PER UDCS PLATE NO. 4A)	0 EA.
4" 8" ELBOW (SPECIFIED FITTING OR IPEX RESTRAINED ON BOTH ENDS)	5 EA.
5/8" METER (PER UDCS PLATE 1B) TYPICAL	79 EA.
3/4" METER (PER UDCS PLATE 1D) LOT# 1287	1 EA.
8" WATER MAIN	2,269 LF
SEWER	
STANDARD MANHOLE (PUBLIC)	10 EA.
4" SEWER LATERALS (PRIVATE)	2,045 LF
4" SEWER WYES (PRIVATE)	80 EA.
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 WITH 8.0' ARMS	3 EA.
100 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 2C POLES WITH 8.0' ARMS	4 EA.
70 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 5C POLES WITH 8.0' ARMS	6 EA.
No. 3-1/2" PULLBOX FOR FUTURE 70W STLT.	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 SEPARATION WALLS:
HEIGHT: 2 STORY
TYPE OF CONSTRUCTION:
EXPOSURES: 10' MIN.
SPRINKLER SYSTEM: NONE
OCCUPANCY: SINGLE FAMILY RESIDENCE
ROOF CONSTRUCTION: CONCRETE TILE

REVIEWED BY: [Signature]
DATE: 6/22/04

APPROVAL:

LAS VEGAS VALLEY WATER DISTRICT
CITY OF LAS VEGAS FIRE MARSHAL
NEVADA POWER COMPANY

DATE: 6/22/04

SEE COVER SHEET

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.

CITY OF LAS VEGAS

KB HOME

MASTER UTILITY PLAN & STREETLIGHT PLAN

IRON MOUNTAIN RANCH VILLAGE 9 UNIT 3

CLV DWG # 307Y-4604-9-1

PROFESSIONAL ENGINEER
KENNETH J. JOHNSON
CIVIL
NO. 10539
EXPIRES 12-31-05

REVISION

NO.	DATE	BY
1		
2		
3		
4		
5		
6		
7		

5 OF 21 SHEETS

DRAWING NO. 1074604-9-3