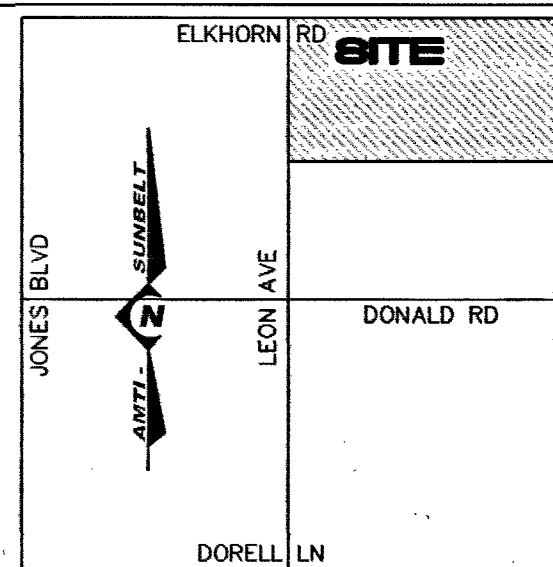


NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH
HORIZONTAL ELBOW FITTING, PER U.D.A.C.S. PLAT NO. 27

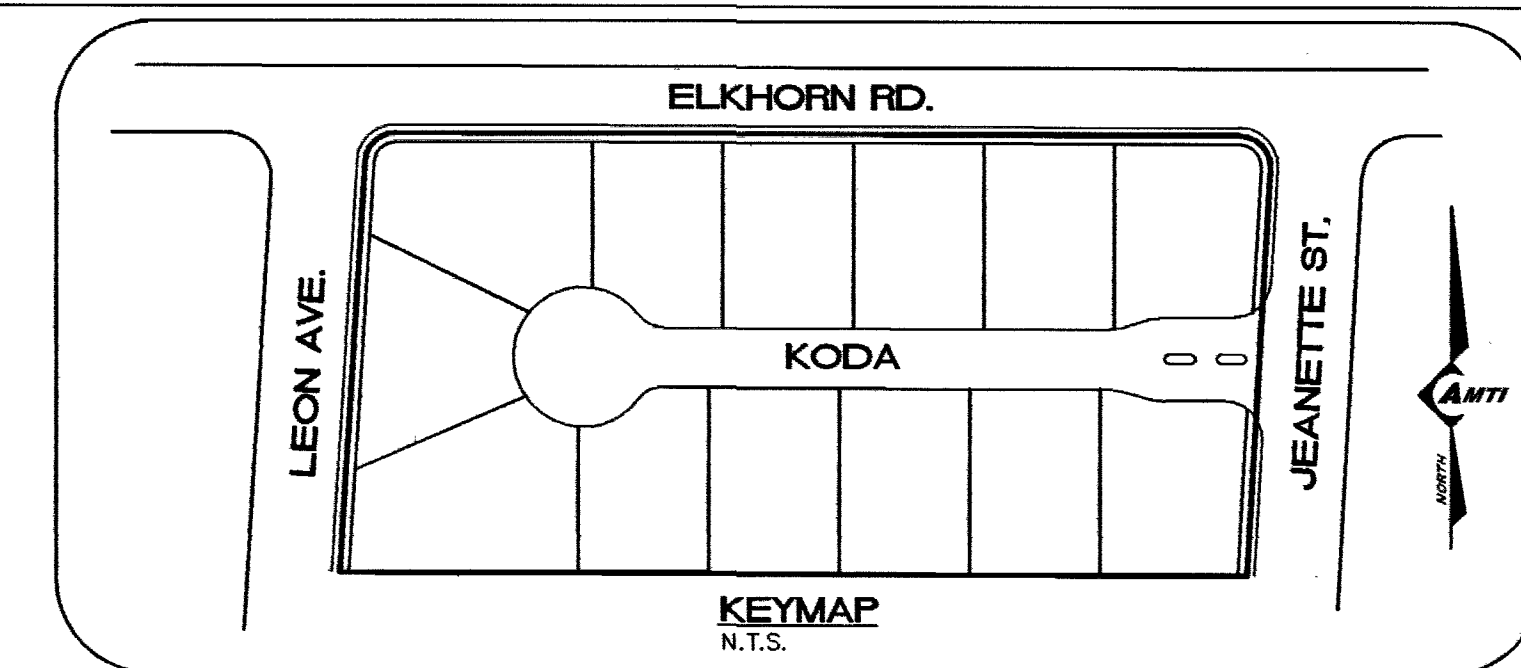
NOTE:
ALL SEWER/STORM DRAIN CROSSING WATER LINES MUST CONFORM
TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION
STANDARDS FOR POTABLE WATER SYSTEM (UDACS) FOR WATER AND
STORM MAIN CROSSINGS AND CLEARANCES

NOTE:
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE
UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE),
PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS
80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE
INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

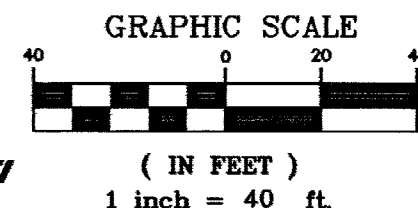
WATER MAIN JOINT DEFLECTION (PVC, 4" - 24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE
DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS
OF CURVATURE OF 1,150 FEET, PER UDACS 2.06.01 AND 2.06.02. FOR CHANGES
IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS
SHALL BE USED.



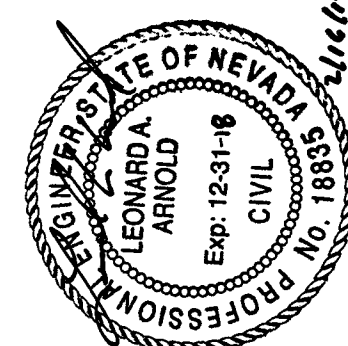
VICINITY MAP
N.T.S.



KEYMAP
N.T.S.



APN: 125-24-102-001



LEGEND

- CENTERLINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- LOT LINE
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- EXISTING WALL
- EXISTING GATE VALVE
- EXISTING MANHOLE, SEWER
- EXISTING MANHOLE, WATER
- EXISTING MANHOLE, ELECTRICAL
- EXISTING MANHOLE, STORM DRAIN
- EXISTING POWER POLE
- EXISTING LIGHT, STREET
- EXISTING SIGN
- EXISTING POST
- PROPOSED FIRE HYDRANT
- PROPOSED SEWER MANHOLE
- PROPOSED STREET LIGHT
- PROPOSED GATE VALVE
- PROPOSED WATER METER
- PRESSURE REDUCING VALVE

CONSTRUCTION NOTES

1. INSTALL FIRE HYDRANT WITH ASSEMBLY PER U.D.A.C.S. PLATE # 7
2. INSTALL 5" RESTRAINT ON EACH END
3. INSTALL 8" GATE VALVE
4. INSTALL 2" BLOWOFF ASSEMBLY PER U.D.A.C.S. PLATE # 4A
5. INSTALL 1" COPPER WATER LATERAL WITH 1" METER PER U.D.A.C.S. PLATE # 10
6. INSTALL 4" PVC SEWER LATERAL
7. INSTALL 8" x 8" MJ TAPPING SLEEVE AND 8" TAPPING VALVE PER U.D.A.C.S. PLATE # 22, 3 AND 8
8. INSTALL 8" x 6" REDUCER
9. INSTALL 1" SERVICE WITH 1" IRRIGATION METER PER U.D.A.C.S. PLATE # 10
10. WITH 1" RPPA PER U.D.A.C.S. PLATE # 11A
11. INSTALL 2 EACH 4" PVC IRRIGATION SLEEVES
12. SAWCUT AND PATCH PER C.C.A.U.S.D. No. 503
13. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR RELOCATION AND OR REMOVAL OF EXISTING POWER POLES WHERE CONFLICT OCCURS.

CONSTRUCTION NOTES ARE SHEET SPECIFIC

PRESSURE ZONE

PZ = 2538

ESTIMATED SEWER CONTRIBUTION

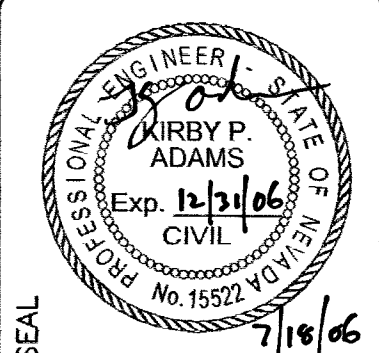
13 LOTS X 250 GPD = 3,250 GPD (0.0325MGD)
PEAK (3.5 X) = 0.0011 MGD

SEWER MANHOLE TABLE									
SMH#	4"	8"	12"	18"	24"	30"	36"	42"	48"
STA.	14+99.96	14+99.96	14+99.96	14+99.96	14+99.96	14+99.96	14+99.96	14+99.96	14+99.96
RIM	2330.20	2330.20	2330.20	2330.20	2330.20	2330.20	2330.20	2330.20	2330.20
INVERT	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20
INVERT	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20	2322.20
NORTHING	4820.9791	4820.9791	4820.9791	4820.9791	4820.9791	4820.9791	4820.9791	4820.9791	4820.9791
EASTING	5150.0314	5150.0314	5150.0314	5150.0314	5150.0314	5150.0314	5150.0314	5150.0314	5150.0314

APPROVAL First approval 10-18-06

LAS VEGAS VALLEY WATER DISTRICT PROJECT # 112363
DATE: 3/7/17

CITY OF LAS VEGAS FIRE DEPARTMENT
DATE: 7/24/06

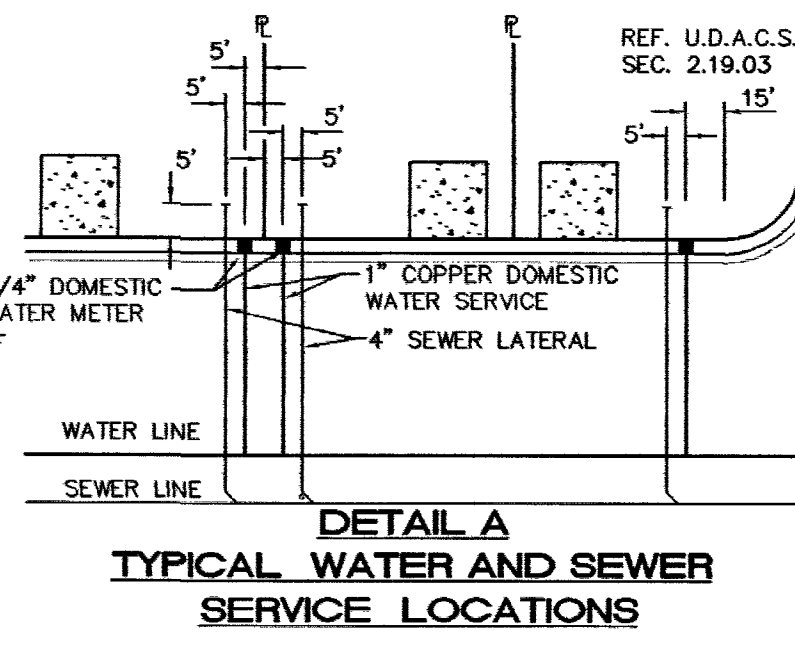
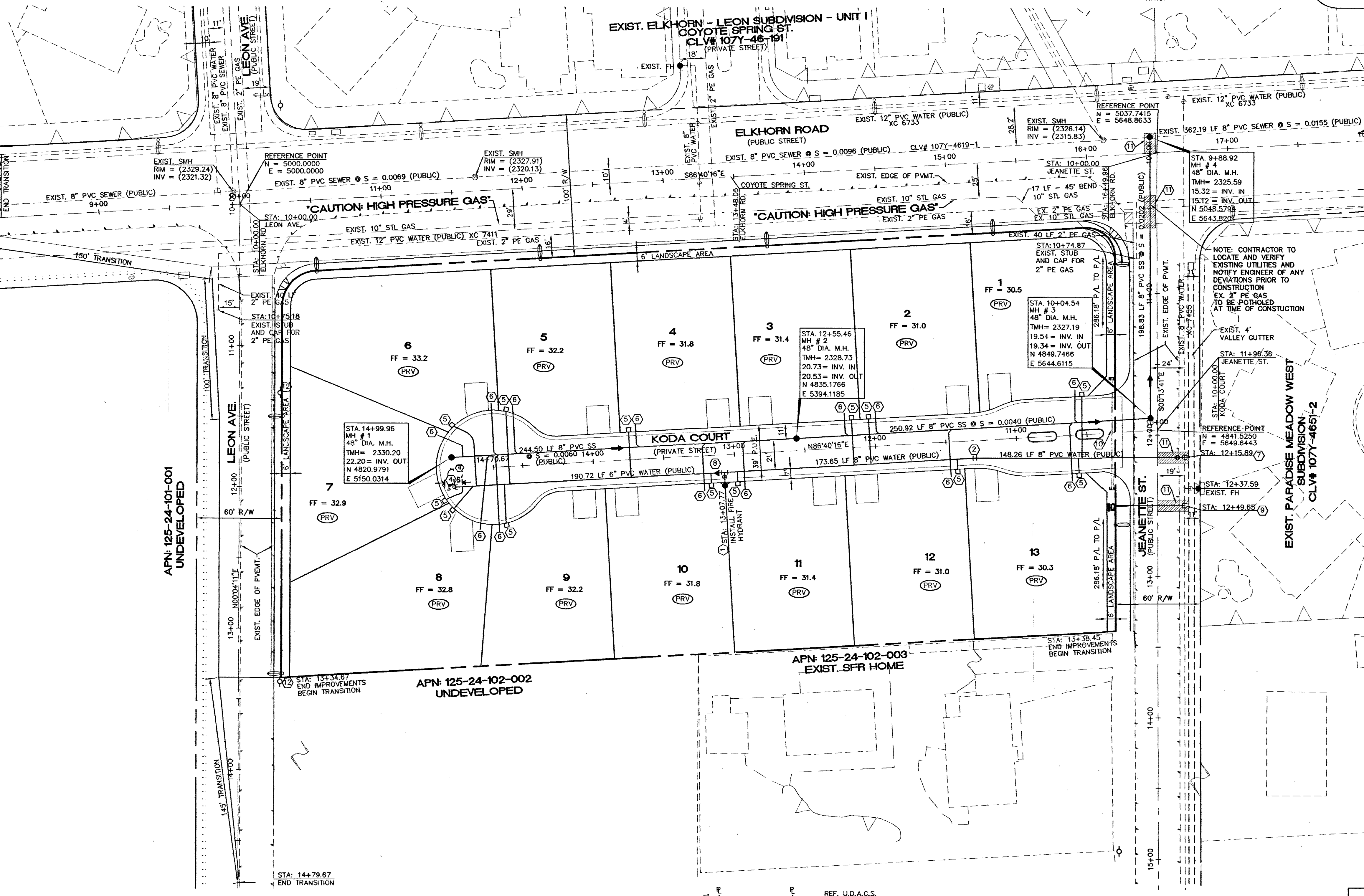


DEVELOPER:
BRAMBLE HOMES, INC.
1290 S. JONES BLVD.
SUITE 250
LAS VEGAS, NV 89146
PHONE: (702) 242-8608
FAX: (702) 242-8612

DESIGNED: CUL 07-17-06 PROJ. NO. 05071
CHECKED: KPA
DATE: 3-10-17
BY: SB
DESCRIPTION: 2-10-17 REV. FIRE FLOW & MAY SQ. FT. ALLOWED.

UTILITY PLAN
SADIE ESTATES
BRAMBLE HOMES, INC.
LAS VEGAS CLARK COUNTY NEVADA

AMTI • SUNBELT LLP
ENGINEERING • PLANNING • SURVEYING
700 SUSANNA WAY
HENDERSON, NV 89015
PHONE: (702) 242-8908
FAX: (702) 242-8915



FIRE FLOW CALCULATION

FIRE FLOW REQUIREMENT IS 2,000 GALLONS PER MINUTE
AT 20 PSI RESIDUAL PRESSURE

BASED ON:
SQUARE FOOTAGE:
LARGEST AREA BETWEEN 4-HOUR
AREA SEPARATION WALLS:
BUILDING HEIGHT:
NUMBER STORIES:
TYPE OF CONSTRUCTION:
OCCUPANCY:
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES X NO

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

Call before you Overhead
1-702-227-2929
NEVADA POWER ENVIRONMENTAL AND SAFETY SERVICES DIVISION

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUCTORS

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

BASIS OF BEARINGS

S86°40'18"W BEING THE CENTER LINE OF ELKHORN ROAD
AND THE NORTH LINE OF THE NE 1/4 OF THE NW 1/4
OF SECT 24, T19S, R60E AS SHOWN IN FILE 52, PAGE
70 OF SURVEYS, OFFICIAL RECORDS

BENCHMARK

CITY OF LAS VEGAS BENCHMARK ID# QLV90 13SSW6 2 INCH ALCPAL @ NORTHEAST (NE) CORNER OF
ELKHORN ROAD AND LEON AVENUE ± 17 FEET NORTH OF PT (CLV) RM PL#11175 NO. DIST.)
ELEVATION = 709.8372 METERS (NAVD 88)
= 2328.86 FEET (NAVD 88)

NOTE:

ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE
EASEMENTS TO BE PRIVATELY MAINTAINED BY H.O.A.