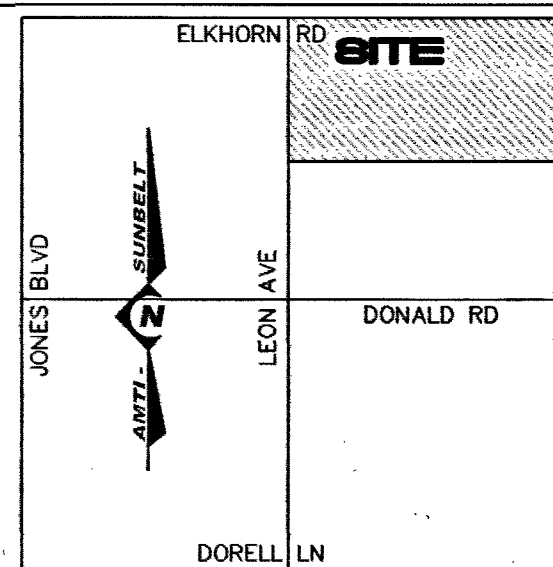


NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER U.D.A.C.S. PLAT NO. 27

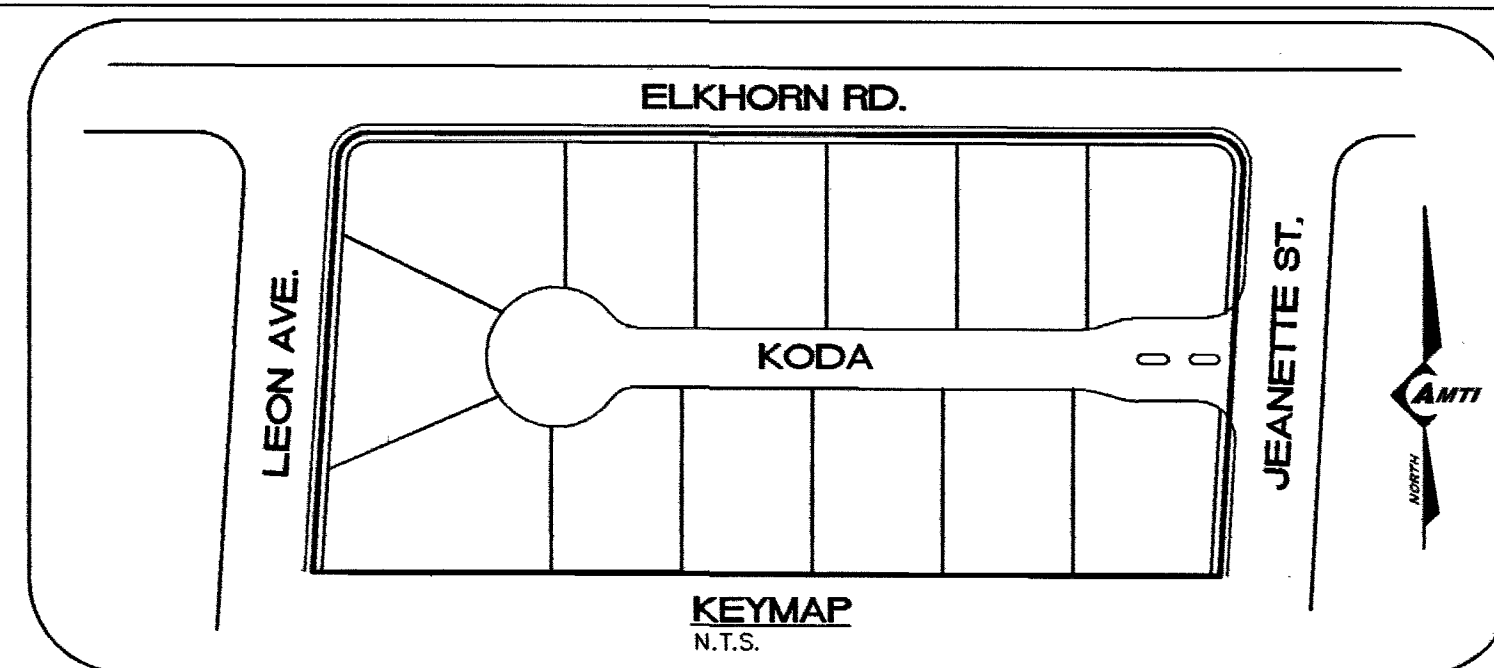
NOTE:
ALL SEWER/STORM DRAIN CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEM (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES

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.

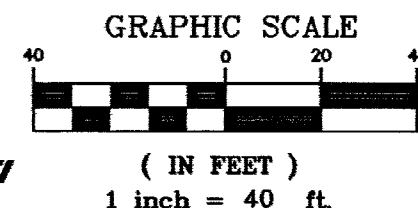
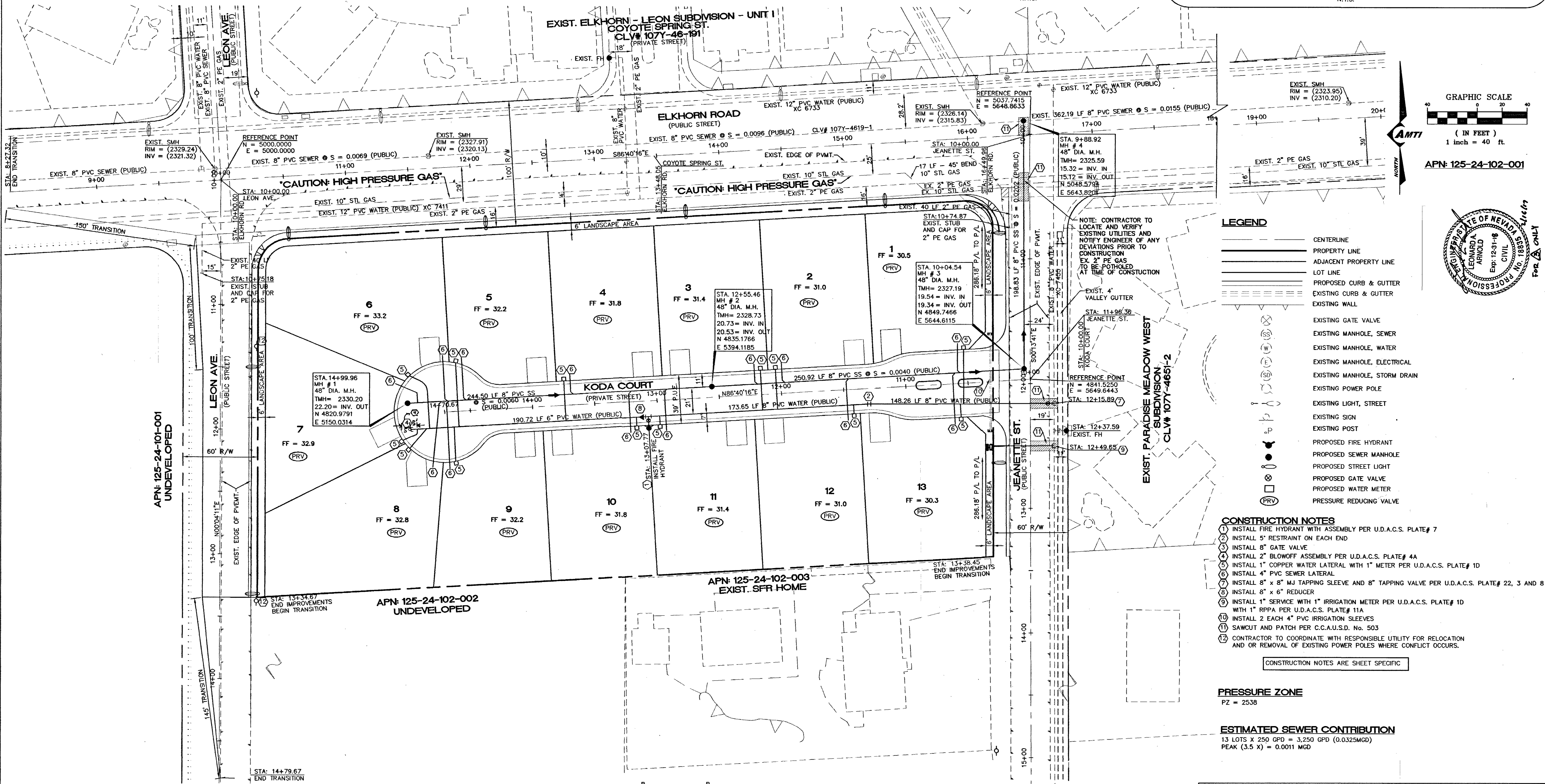
WATER MAIN JOINT DEFLECTION (PVC, 4" - 24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.06.01 AND 2.06.02. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT 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 WITH 1" RPPA PER U.D.A.C.S. PLATE # 11A
10. INSTALL 2 EACH 4" PVC IRRIGATION SLEEVES
11. SAWCUT AND PATCH PER C.C.A.U.S.D. No. 503
12. 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

MANHOLE	STA.	RIM	INVERT	INVERT	NORTHING	EASTING
SMH# 1 - 48" MH - STD. DWG. SD-1	STA:14+99.96	2330.20	2322.20	4820.9791	5150.0314	
SMH# 2 - 48" MH - STD. DWG. SD-1	STA:12+55.46	2328.73	2320.73	4835.1766	5394.1185	
SMH# 3 - 48" MH - STD. DWG. SD-1	STA:10+04.54	2327.19	2319.54	4849.7466	5644.6115	
SMH# 4 - 48" MH - STD. DWG. SD-1	STA:9+88.92	2325.59	2315.12	5048.5794	5643.8201	

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

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

Call before you Overhead
1-702-227-2929
NEVADA POWER ENVIRONMENT 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.

944734

BASIS OF BEARINGS

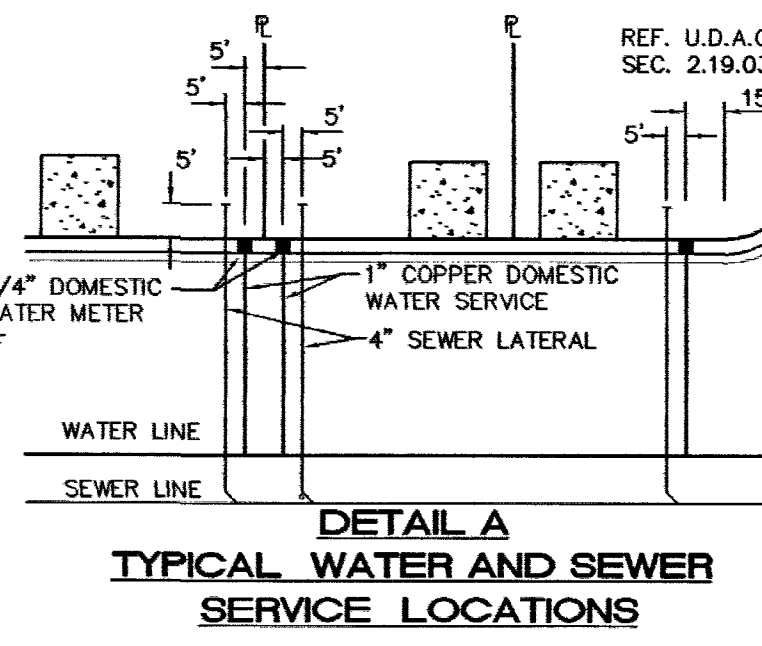
S86°40'18"W BEING THE CENTER LINE OF ELKHORN ROAD AND THE NORTH LINE OF THE NE 1/4 OF THE NW 1/4 OF SECT 24, T19S, R60E AS SHOWN IN FILE 52, PAGE 70 OF SURVEYS, OFFICIAL RECORDS

BENCHMARK

CITY OF LAS VEGAS BENCHMARK ID# QLV90 13SSW6: 2 INCH ALCAP @ 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.



FIRE FLOW CALCULATION

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

BASED ON:

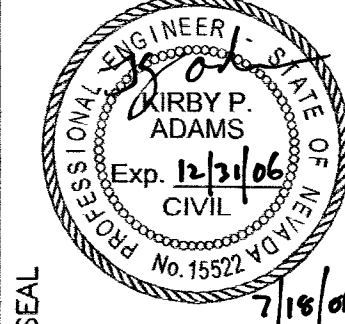
- SQUARE FOOTAGE: N/A SF
- LARGEST AREA BETWEEN 4-HOUR BUILDING HEIGHT: 35 MAX. FT
- NUMBER STORIES: 2 FLOORS
- TYPICAL CONSTRUCTION: V-B
- OCCUPANCY: RESIDENTIAL
- FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES X NO

NOTE:

FIRE SERVICE AND DOMESTIC WATER, AS APPROVED ON THIS PLAN, ARE INTENDED SPECIFICALLY FOR THE LOT AND USE SHOWN, AND ARE NOT INTENDED TO SERVE ADDITIONAL PARCELS AND / OR LOTS. IF THE PARCEL AND / OR LOTS SHOWN ON THIS PLAN ARE FURTHER DIVIDED TO CREATE ADDITIONAL PARCELS OR LOTS, THE OWNER IS REQUIRED TO PROVIDE SEPARATE FIRE AND DOMESTIC SERVICES TO EACH.

NOTE:

WATER AND SEWER SERVICE LATERALS SHALL BE INSTALLED A MINIMUM OF FORTY-EIGHT (48) INCHES APART IN SEPARATE TRENCHES. WATER LATERALS SHALL BE A MINIMUM OF TWELVE (12) INCHES ABOVE THE SEWER LATERAL (REF. UNIFORM PLUMBING CODE).



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: 3-16-17
BY: KPA
DESCRIPTION: 2-16-17 REV. FIRE FLOW & MAX SQ. FT. ALLOWED.

UTILITY PLAN
SADIE ESTATES
BRAMBLE HOMES, INC.

AMTI • SUNBELT LLP
ENGINEERING • PLANNING • SURVEYING
700 SUSANNA WAY
HENDERSON, NV 89015
PHONE: (702) 242-8808
FAX: (702) 242-8915

4# 10433 SHEET
C5
5 OF 10 SHEETS
CLV# 107Y4936