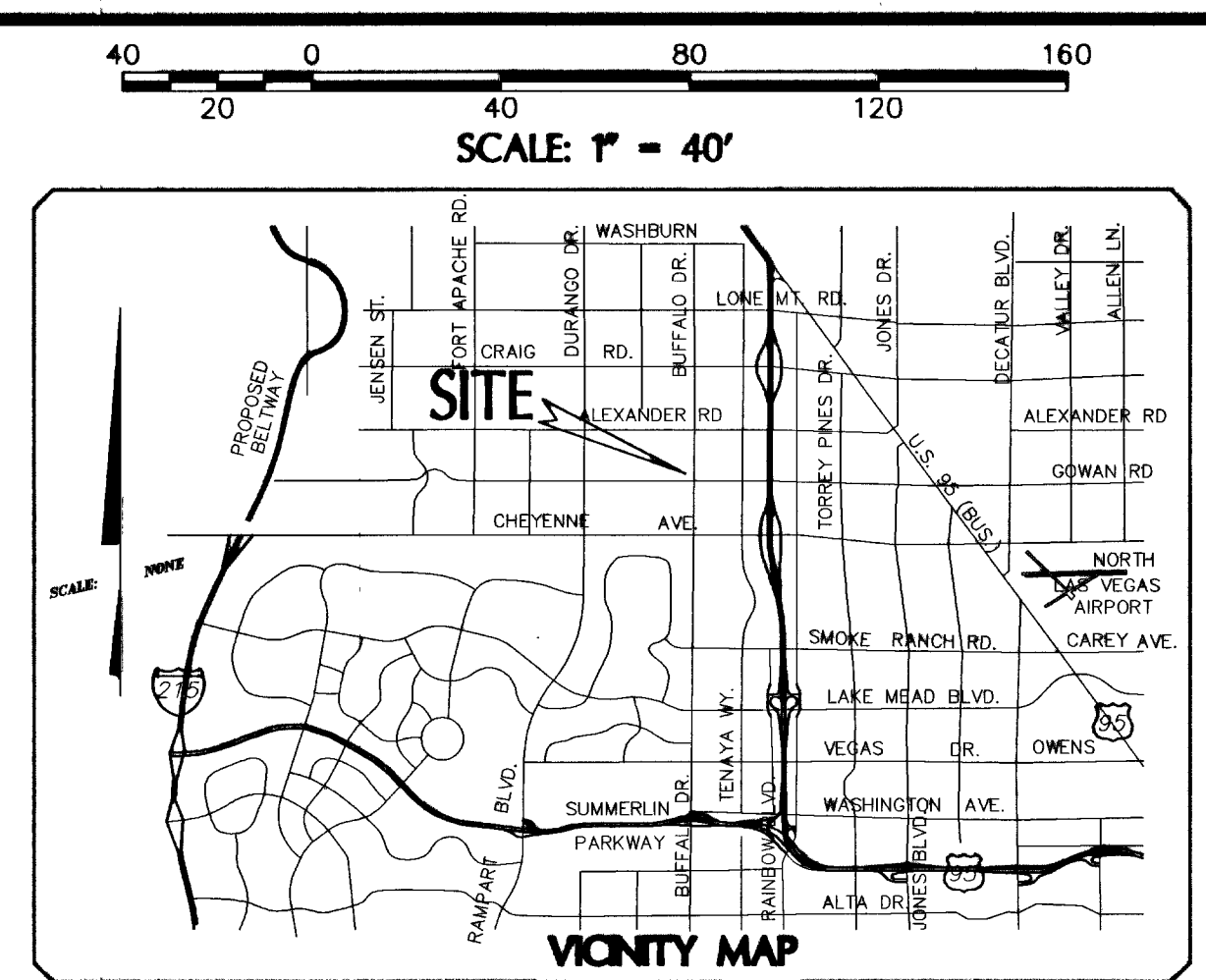
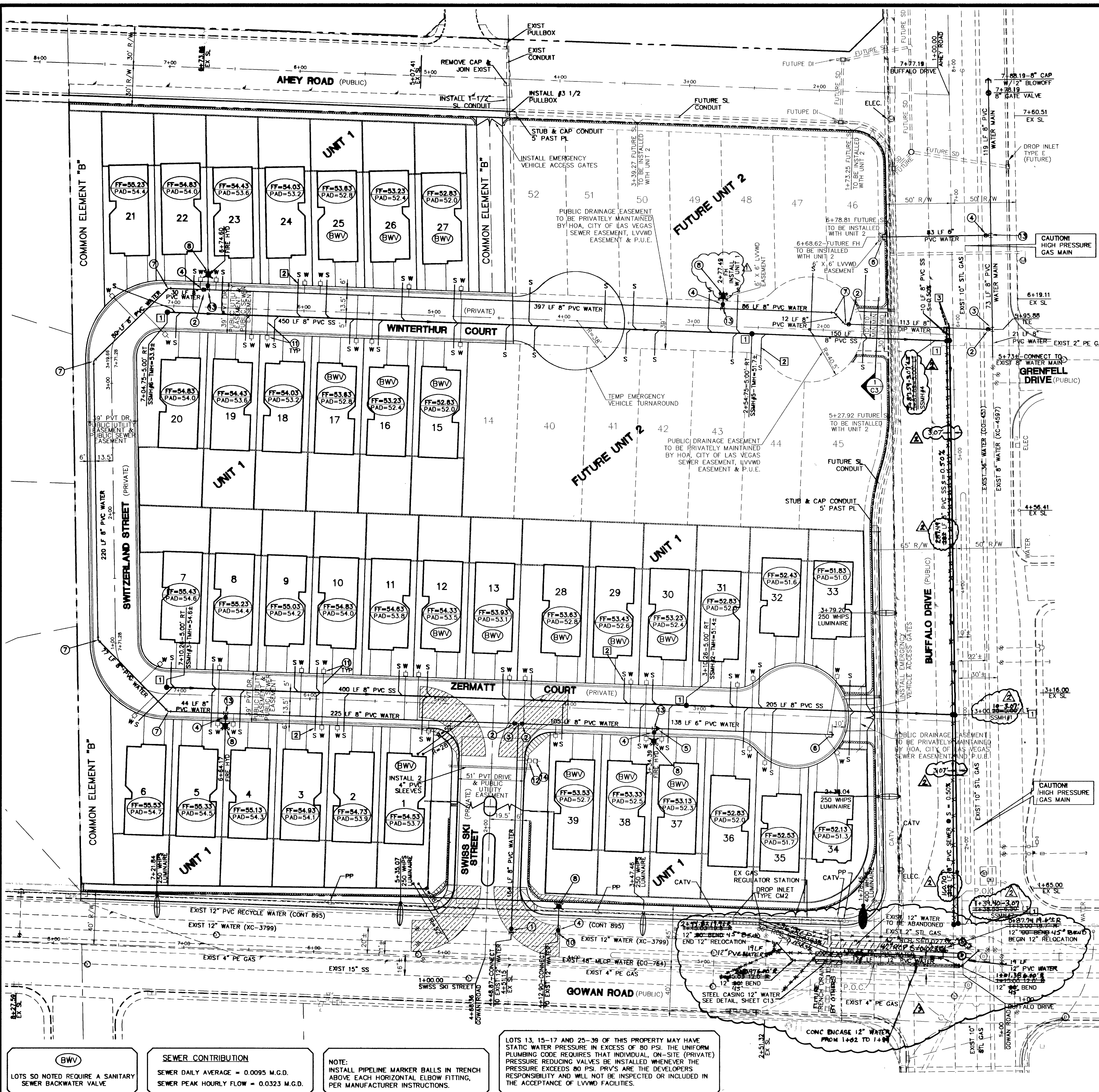




UTILITY NOTE

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 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.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid hitting overhead power lines. It's costly.
CALL BEFORE YOU DIG
CALL 1-702-227-2928

REDUCED PRESSURE PRINCIPAL ASSEMBLY (RPPA)

APPROVED PRESSURE PRINCIPAL 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 PRINCIPAL ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

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.

NOTE:

ALL PRIVATE STREETS ARE PUBLIC DRAINAGE EASEMENTS, PUBLIC UTILITY EASEMENTS AND CITY OF LAS VEGAS SEWER EASEMENTS TO BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION.

ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENTS IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.

BASED ON:

SQUARE FOOTAGE:	2,309 S.F.
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A
BUILDING HEIGHT:	28 FEET
NUMBER OF STORIES:	2 STORIES
TYPE OF CONSTRUCTION:	V - NON-RATED
OCCUPANCY:	RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	NO

REVIEWED BY: *[Signature]* DATE: 4/15/03
LAS VEGAS FIRE DEPT.

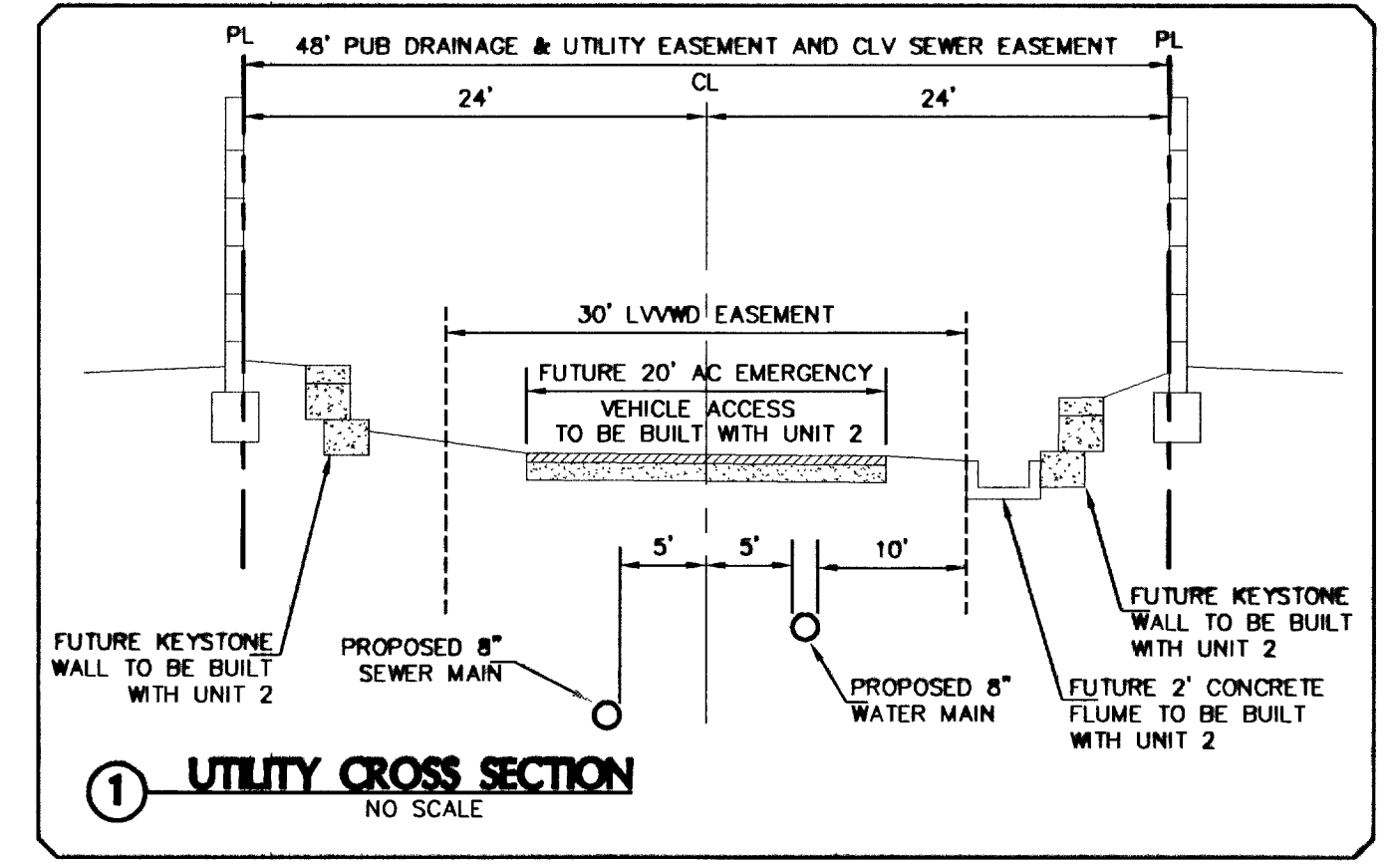
LAS VEGAS FIRE DEPARTMENT
FIRE PREVENTION BUREAU 229-0399
FIRE PROTECTION ENGINEERING 229-6761

WATER LEGEND

DESCRIPTION	QUANTITY
1. INSTALL 12" X 8" TAPPING TEE AND 8" TAPPING VALVE	1 EA
2. INSTALL 8" GATE VALVE	6 EA
3. INSTALL 8" TEE	1 EA
4. INSTALL 6" GATE VALVE	5 EA
5. INSTALL 8" X 6" REDUCER	1 EA
6. INSTALL 6" CAP W/ 2" BLOWOFF PER UDACS PLATE 4	1 EA
7. INSTALL 8" 45° ELL	6 EA
8. INSTALL 6" FIRE HYDRANT ASSEMBLY PER UDACS PLATE 7	5 EA
9. NOT USED	
10. INSTALL 12" X 6" TAPPING TEE AND 6" TAPPING VALVE	1 EA
11. INSTALL 1" COPPER WATER LATERAL AND 5/8" PUBLIC WATER METER PER UDACS PLATE 1-B (TYPICAL)	38 EA
12. INSTALL 1" COPPER IRRIGATION WATER LATERAL AND 3/4" PUBLIC WATER METER PER UDACS PLATE 1-D	1 EA
13. INSTALL 8" X 6" TEE	4 EA
14. INSTALL 1" RPPA PER UDACS PLATE 11A	1 EA

SEWER LEGEND

1. INSTALL 48" SANITARY SEWER MANHOLE PER UDACS SD-1	7 EA
2. INSTALL 4" SEWER LATERAL (TYPICAL) PER UDACS SD-17	38 EA
3. INSTALL 8" CAP	1 EA



SEWER CONTRIBUTION

SEWER DAILY AVERAGE = 0.0095 M.G.D.
SEWER PEAK HOURLY FLOW = 0.0323 M.G.D.

NOTE:

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

LOTS 13, 15-17 AND 25-38 OF 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 LVVWD FACILITIES.

LEGAL DESCRIPTION

APN 139-09-601-018 AND A PORTION OF APN 139-09-601-013
S 1/2 OF THE SE 1/4 OF THE SE 1/4 OF THE NE 1/4 AND A PORTION OF THE NW 1/4 OF THE SE 1/4 OF THE SE 1/4 OF THE NE 1/4 OF SECTION 9, T. 20 S., R. 60 E., M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK

#BLV00 10W4 - CLARK COUNTY, NEVADA - RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF BUFFALO DRIVE AND GOWAN ROAD
ELEVATION = 715.6646 METERS
2348.63 FEET (NAVD '88)

APPROVAL

[Signature] 4/18/03
LAS VEGAS VALLEY WATER DISTRICT

BASE OF BEARINGS

BEING THE NORTH LINE OF THE NW 1/4 OF THE NE 1/4 OF THE SE 1/4 OF SECTION 9, T. 20 S., R. 60 E., M.D.M. AS SHOWN ON PLAT OF HOBBLE CREEK ESTATES IN BOOK 49 OF PLATS, PAGE 51 ON FILE AT THE OFFICE OF THE CLARK COUNTY RECORDER.

SUMMIT ENGINEERING CORPORATION
1421 E. SAGE ROAD, SUITE 7, LAS VEGAS, NEVADA 89119
PHONE: (702) 252-3236 FAX: (702) 252-3247

DEVELOPER
NEVADA HOMES GROUP INC.
6985 W. SAHARA, SUITE 201
LAS VEGAS, NV. 89117
PHONE: (702) 220-6200
FAX: (702) 257-7715

DAY DAWN ESTATES-1
MASTER UTILITY PLAN
NEVADA HOMES GROUP INC.
LAS VEGAS CLARK COUNTY NEVADA

REV.	DATE	DESCRIPTION	BY	APPD
1	3/25/03	VARIOUS PER CLV FIRE DEPARTMENT	AK	AK
2	4/22/03	REV SEWER DRAIN	AK	AK

PROFESSIONAL ENGINEER
ANDREW J. HUSTAD
Exp. 6-30-08
CIVIL
No. 12503
STATE OF NEVADA

SHEET
C3
3 OF 13 SHEETS
DRAWING NO.
077778-1