

APN NUMBER
139-34-612-019
750 FREEMONT L L C

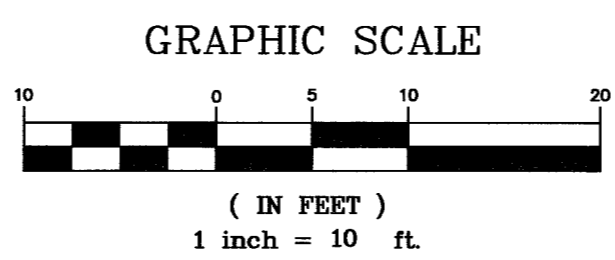
NOTE:
USE BRASS LINE PIPING
AND FITTINGS FROM
METER TO RPPA.

APN NUMBER
139-34-612-029
750 FREEMONT L L C
COLFAX MOTORS

APN NUMBER
139-34-612-022
CITY CENTER
ENTERPRISES L L C

APN NUMBER
139-34-612-028
801 FREEMONT L L C

ITEM NO.	DESCRIPTION	QTY	UNIT OF MEASURE
	8"x2" SADDLE	1	EA
	2" WATER METER	1	EA
	BRASS SERVICE LINE	10	LF
	2" BRASS 90° ELBOW	2	EA
	2" RPPA	1	EA
	2" PVC WATER LINE	30	LF
	2" PVC 45° ELBOW	1	EA
	12" 45° BENDS	4	EA
	12" DIP WATER	35	LF
	12" IN LINE GATE VALVE	1	EA



APPROVED FOR CONSTRUCTION
[Signature] 10-12-06
DATE
LAS VEGAS VALLEY WATER DISTRICT # 112802
APNS# 139-34-609-003-005(PORION 03)
PROTECT WATERLINES IN PLACE. WHEREVER A WATERLINE IS WITHIN 18" ABOVE A STORM DRAIN LINE, OR WHERE COMPACTION UNDER A WATERLINE CAN NOT BE MET, BACKFILL TRENCH WITH CEMENT SLURRY OR FLOWABLE FILL TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.19.

BENCHMARK

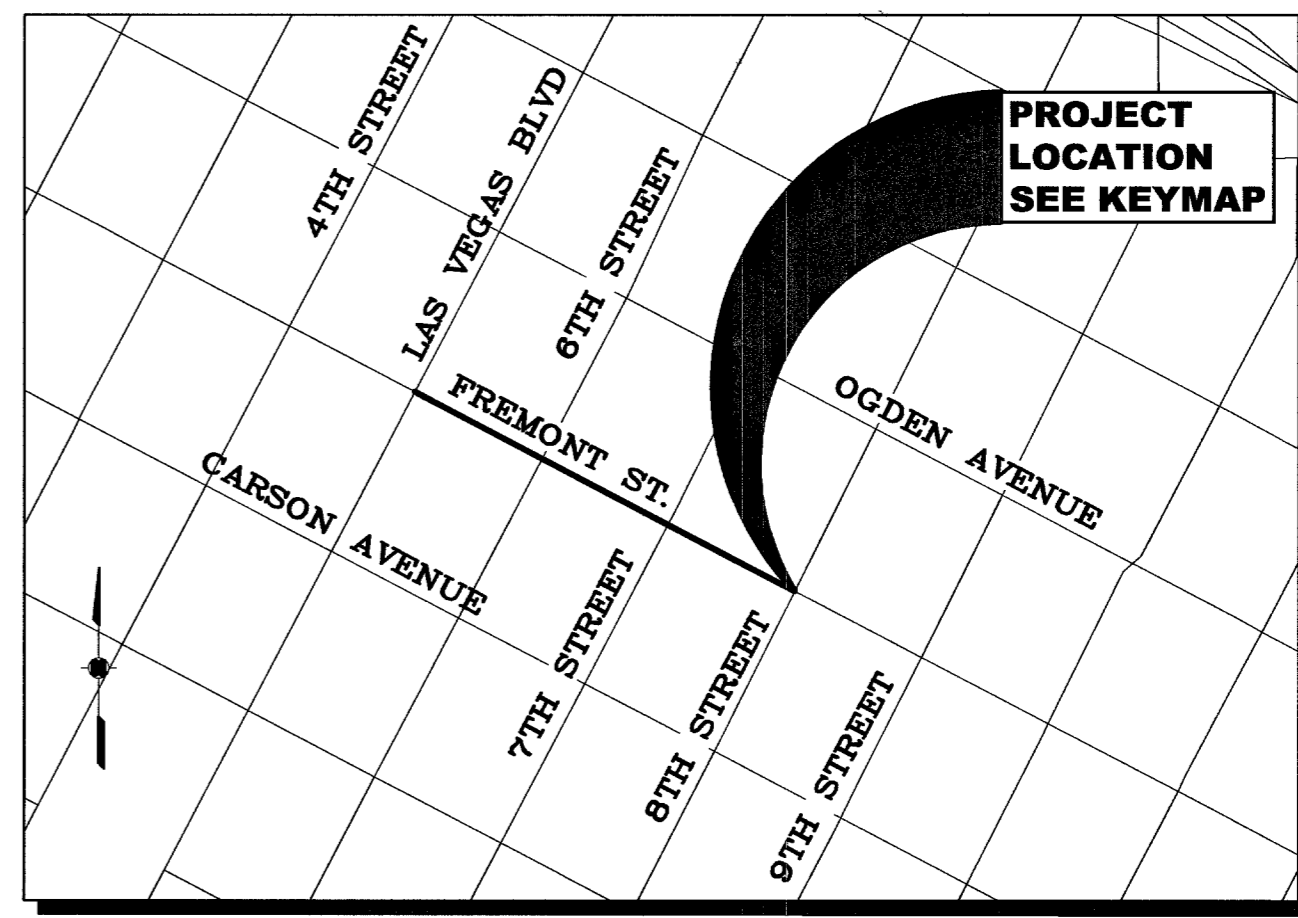
CITY OF LAS VEGAS VERTICAL CONTROL POINT "2LV01 2756", BEING AN NDOT MONUMENT IN THE TOP OF CURB @ NE CORNER BONANZA AND MAIN.

ELEVATION: 2011.35 (FEET)
613.0600 (METERS)

CITY OF LAS VEGAS VERTICAL CONTROL DATED 06/2002 BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE NORTH AMERICAN DATUM OF 1983 (NAD 83), NEVADA STATE PLANE EAST (2701) ZONE, SAID BEARINGS WERE DETERMINED BY STATIC GLOBAL POSITIONING SYSTEM (GPS) MEASUREMENTS PROCESSED BY THE NATIONAL GEODETIC SURVEY DIVISION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION USING THE ON-LINE POSITIONING USER SERVICE (OPUS). THE REFERENCE FRAME USED WAS NAD83 (CONR86) WITH AN EPOCH OF 2002.0000. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES.



VICINITY MAP
NTS

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES
SEE SHEET GN-3.

IRRIGATION NOTES

- 1 INSTALL 8"x2" SERVICE SADDLE PER UDACS PLATE 1D.
- 2 INSTALL 2" WATER METER PER UDACS PLATE 1D.
- 3 INSTALL 2" BRASS SERVICE LINE.
- 4 INSTALL 2" BRASS 90° ELBOW.
- 5 INSTALL 2" RPPA PER UDACS PLATE 11A.
- 6 INSTALL 2" PVC WATER LINE.
- 7 INSTALL RAINBIRD IRRIGATION CONTROLLER & PEDESTAL (MODEL ESP-12-SAT-TW-SS, 12 STATIONS TO BE LOCATED AND STAKED IN FIELD). SEE DETAIL ON SHEET IR-6.
- 8 INSTALL 6" GATE VALVE.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (3) 2"

APPROVED REDUCED PRESSURE PRINCIPLE 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 PRINCIPLE 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. ESN. 026, REV.06/01/04.

NOTES:

1. ALL EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
2. CONTRACTOR TO FIELD VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. ON-SITE UTILITIES ARE TO BE INSTALLED PER THE CURRENTLY ADOPTED DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER AND POTABLE WATER SYSTEMS.

Avoid cutting underground utility lines. It's costly.

Call before you Dig
1-800-227-2600

SAFETY ALERT
Call Before You Overhead
1-702-227-2929

Call before you Underground
1-702-455-7511
1-702-229-6611
CLARK COUNTY TRAFFIC OPERATIONS AND LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

DATE	REVISIONS

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants
1050 E. Flamingo Road, Suite S210, Las Vegas, NV, 89119
Ph. (702) 734-5666 Fax. (702) 734-5666



DEPARTMENT OF PUBLIC WORKS
PROJECT: FREEMONT STREET PEDESTRIAN IMPROVEMENTS LAS VEGAS BLVD. - 8TH ST.

WATER LINE CONNECTION

Professional Engineer Seal for Khalil A. Amrikani, License No. 14366, State of Nevada, Civil. SHEET NO. UT-2, SHEET 28 OF 38, DRAWING NO. 107V45681

Oct 11, 2006 - 3:08pm - USER: maria.garcia - K:\work\1092258.010 - Fremont - 2005\Design\256101\UT_2.dwg

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FREMONT STREET FINAL DESIGN