



BASIS OF BEARINGS
 THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'36" EAST - THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION "B" 1077+00.00 POT TO STATION "P" 1154+93.64 POT (AND FRONTM AVENUE) BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F005-(3), AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 87 OF SURVEYS, AT PAGE 79.

PROJECT BENCHMARK
 PROJECT DATUM: CITY OF LAS VEGAS BENCH MARK NO. CLVBM FREMONT 5 - RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST RETURN OF FREMONT AND LAS VEGAS BOULEVARD.
 NAVD83 ELEVATION: 2007.32 METERS (6586.70 FEET)

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENTS IS 2,250 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE:	37,803 SQUARE FEET
OCCUPYING SQUARE FOOTAGE:	29,256 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A
MAX BUILDING HEIGHT:	38'-4" FLOORS
NUMBER OF STORIES:	3
TYPE OF CONSTRUCTION:	V-B COMMERCIAL
OCCUPANCY:	COMMERCIAL
FULL AUTOMATIC FIRE SYSTEM:	YES

REVIEWED BY: *[Signature]* DATE: 1/7/2017
 LAS VEGAS FIRE DEPARTMENT

NOTE:
 PER LAS VEGAS PROJECT STANDARDS MANUAL, DIVISION 2, UNDERGROUND UTILITY TRACING REQUIRES TRACE WIRE ON ALL NON-CONDUCTIVE PIPE.

NOTE:
 "IF THERE IS A CONFLICT BETWEEN CONTRACT DRAWINGS AND/OR SPECIFICATIONS, THE LAS VEGAS PROJECT STANDARDS SHALL PREVAIL."

QUANTITY ESTIMATES (ON-SITE)

WATER		
1	8" 90° BEND	7 EA
2	8"x8" MJ TAPPING SLEEVE (PER UDACS PLATE 22)	1 EA
3	8" TAPPING VALVE (PER UDACS PLATE 22)	1 EA
4	8" CAP AND BLOW OFF (PER UDACS PLATE 4A)	1 EA
5	INSTALL PIV (W/ TAMPER SWITCH)	1 EA
8" PVC WATER (PRIVATE FIRE LINE)(RATED FOR 200PSI)		302.90 LF

APPROVED FOR CONSTRUCTION
[Signature] DATE: 2/22/2017
 Las Vegas Valley Water District

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.

EASEMENT SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

FSN 076

Call before you Overhead 1-702-227-2929

Call before you Dig 1-800-227-2600

Underground 1-702-455-7311

Call before you Dig 1-702-227-2600

EXPIRES 06-30-07

DANIEL J. HOOD
 CIVIL ENGINEER
 LICENSE NO. 12811 NV

SHEET **UT1**
 7 OF 11 SHEETS
 DRAWING NO. CLV# 107V2288

CITY OF LAS VEGAS
 400 EAST STEWART AVENUE
 LAS VEGAS, NEVADA 89101
 (702) 228-6555

UTILITY PLAN
 FIFTH STREET SCHOOL

CLV FIFTH STREET SCHOOL REHABILITATION
 BUILDING DEPARTMENT SUBMITTAL

SCALE: 1"=20'
 1"=20' HORIZ.
 1"=20' VERT.

DATE: _____
 REV: _____

BY: _____
 CHECKED BY: _____
 DESIGNED BY: _____
 DRAWN BY: SPAPPA

PLANNERS • LAND SURVEYORS
nevada

2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
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