

1. ALL SEWER/STORM DRAINS CROSSINGS WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

2. EXISTING WATER LATERALS CROSSING AND/OR PARALLEL TO PROPOSED SEWER AND/OR SEWER MANHOLES, RELOCATED OR DAMAGED WITH THIS PROJECT SHALL BE INSTALLED PER UDACS PLATE # 4 AND UDACS SECTIONS 2.17 AND 2.22.03 AND SERVICE RECONNECTION NOTE.

1. CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
3. ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
4. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.

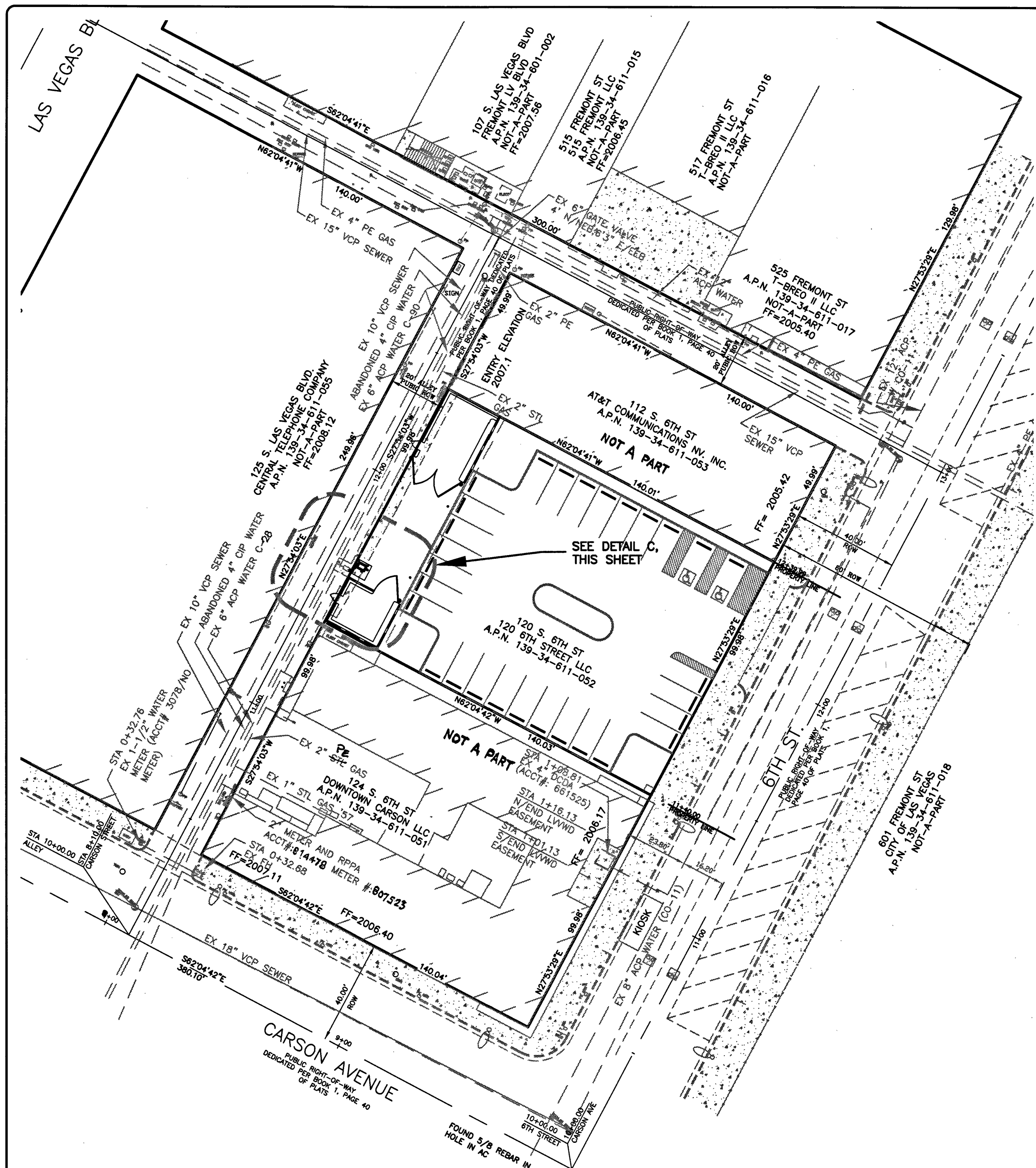
- * FIRE FLOW IS BASED ON THE TABLE B 105.1 (IFC APPENDIX B)
- * BUILDING HEIGHT, NUMBER OF STORES, AND TYPE OF CONSTRUCTION ARE ALL DETERMINED BASED ON THE GUIDELINES AND DEFINITION OUTLINED IN IFC APPENDIX B
- * ANY PERMITTED REDUCTIONS IN THE REQUIRED FIRE FLOW ARE OBTAINED IN SNFC B105.2
- * IN DETERMINING THE MINIMUM NUMBER OF HYDRANTS REQUIRED, THE MAXIMUM FLOW FROM EACH HYDRANT SHALL BE 1500GPM. HYDRANT SPACING SHALL BE PER IFC APPENDIX C / SNFC SECTION C105.1
- * DEVELOPMENTS WITH MULTIPLE BUILDINGS: THIS CHART SHALL BE PROVIDED FOR THE LARGEST BUILDING FOR EACH CONSTRUCTION TYPE, AND FOR EACH SPRINKLERED/NONSPRINKLERED BUILDING TYPE IF APPLICABLE.

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE @ 20 psi
RESIDUAL PRESSURE.

BASED ON:	N/A
SQUARE FOOTAGE:	N/A SF
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A SF
BUILDING HEIGHT:	N/A FT
NUMBER OF STORIES:	N/A FLOORS
TYPE OF CONSTRUCTION:	N/A
OCCUPANCY:	N/A
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	N/A

THE REDUCED PRESSURE PRINCIPLE ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLAN NO. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY LVVMD. 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.

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.



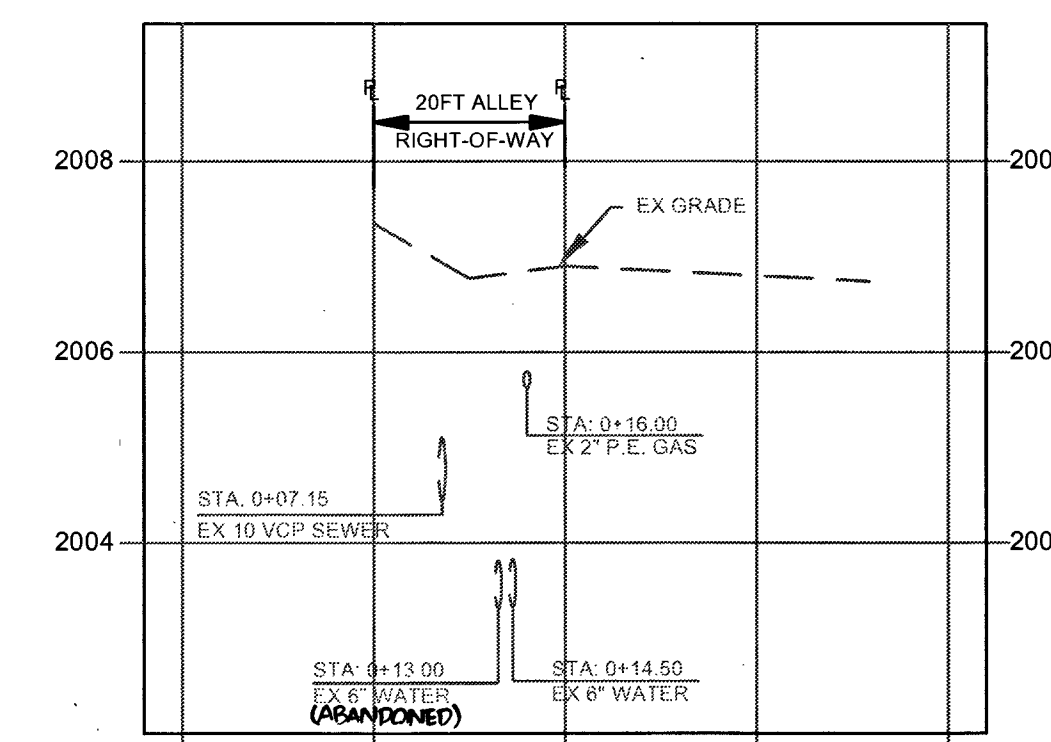
SCALE: 1" = 30'

- 1 6FT X 6FT ~~WOOD~~ EXCLUSIVE UTILITY EASEMENT
- 2 INSTALL 1-1/2" BRASS WATER LINE
- 3 INSTALL 1-1/2" RPPA PER UDACS PLATE No. B AND NOTE ON THIS SHEET
- 4 INSTALL BOLLARDS PER UDACS No. 75
- 5 TRENCH AND BACKFILL AND AC PAVEMENT RESTORATION PER CCAUSD No. 500.3, 500.5 & 503
- 6 SAWCUT LINE
- 7 EXISTING 1-1/2" WATER METER TO REMAIN
(METER SERIAL #: 37255 / ACCT #: 3020)

ESTIMATE OF PUBLIC QUANTITIES FOR PERMITTING PURPOSES ONLY

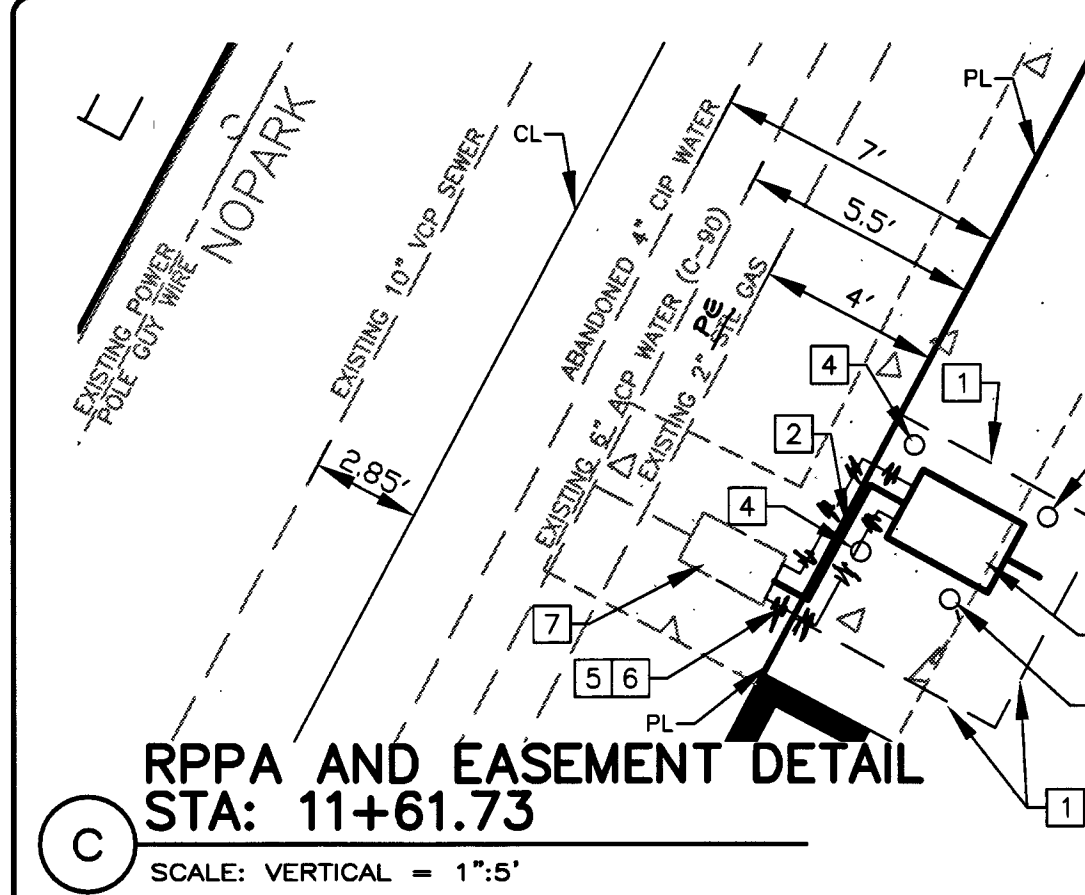
SEWER	PRIVATE	PUBLIC	TOTAL
WATER	PRIVATE	PUBLIC	TOTAL
1-1/2" BRASS WATER LINE	0 LF	6 LF	6 LF
1-1/2" RPPA	0 EA	1 EA	1 EA
BOLLARDS	0 EA	4 EA	4 EA

QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING HIS OWN QUANTITY TAKE OFF, AND BID ACCORDINGLY.

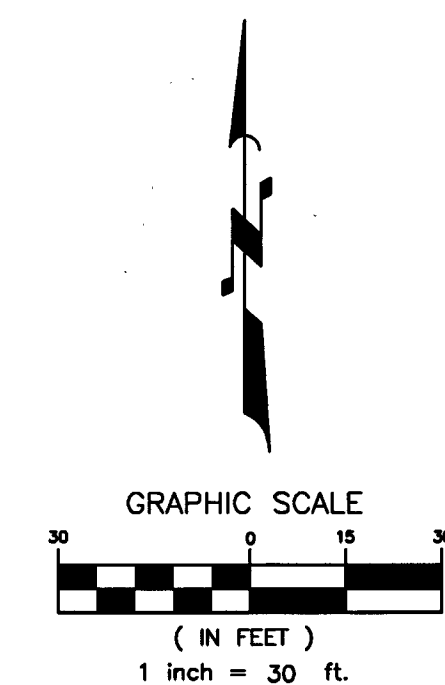


STA: 11+61.73

SCALE: VERTICAL = 1":2'
HORIZONTAL = 1":20'



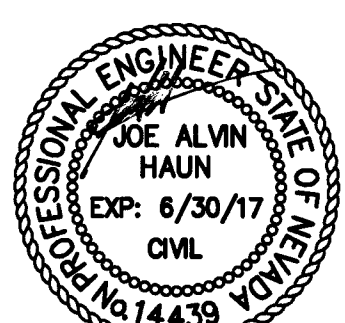
Map of the project area in Las Vegas, NV. The project site is located at the intersection of Stewart Ave and Las Vegas Blvd. The map shows a grid of streets including Main St, 1st St, Casino Center Blvd, Fremont St, Carson Ave, Bridger Ave, Lewis Ave, 3rd St, 4th St, 5th St, 6th St, 7th St, 8th St, 9th St, 10th St, Bonanza, and US 95. A north arrow is located in the top right corner.



_____	ADJACENT PARCEL/PROPERTY LINE
_____	STREET CENTERLINE
_____	RIGHT-OF-WAY LINE
	EXISTING FIRE HYDRANT
A.P.N.	ASSESSOR PARCEL NUMBER
E	EAST
EA	EACH
EX	EXISTING
FT	FEET
INV	INVERT ELEVATION
G	GAS LINE
LF	LINEAR FEET
N	NORTH
PP	POWER POLE
RM	RM ELEVATION
RCB	REINFORCED CONCRETE BOX CULVERT
S	SOUTH
SS	SANITARY SEWER LINE
SSMH	SANITARY SEWER MANHOLE
STA	STATION
W	WATER LINE OR WEST

CITY OF LAS VEGAS BENCHMARK NO. 8LV0134N6
RIVET AND PLATE IN TOP OF CURB SW CORNER OF LAS VEGAS
BOULEVARD AND FREMONT ST.
ELEVATION = 611.829 METERS (NAVD'88 PUBLISHED)
2007.31 SURVEY FEET (NAVD'88 CALCULATED)

SOUTH 27°53'29" WEST BEING THE BEARING OF THE CENTERLINE OF SIXTH STREET BETWEEN CARSON AVENUE AND FREMONT STREET, AS SHOWN ON RECORD OF SURVEY FOR CITY OF LAS VEGAS, IN FILE 67, PAGE 79 OF SURVEYS ON FILE IN THE OFFICE OF THE CLARK COUNTY RECORDER, CLARK COUNTY, NEVADA.



APPROVED FOR CONSTRUCTION

1. DISHARI, R. R. J. M.

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 124295 DATE 6/22/16

10/10/16 APPROVED: FIBER DW11500 GPM AT 30 PSI RESIDUAL

107V6629
HANSEN NO.
62838

JOB NO.
15-0072

SHEET NO.
C2
4 OF 4

PLOT DATE: 6/6/16