

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATIONS SUPPORT CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 PM THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION.
2. ALL WORK SHALL CONFORM TO LVVWD'S STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:

A MINIMUM EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY OR STORM SEWER LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS:

 - A. POTABLE WATER SUPPLY QUALITY MATERIAL.
 - B. ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM)
 - C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.

EACH PROVISION MUST EXTEND ALONG THE SANITARY OR STORM SEWER, ON EITHER SIDE OF THE MAIN, A MINIMUM 10 FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.
9. WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
10. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.
12. CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 PM AND 6 AM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT = 2000 GPM
AT 20 PSI RESIDUAL PRESSURE.

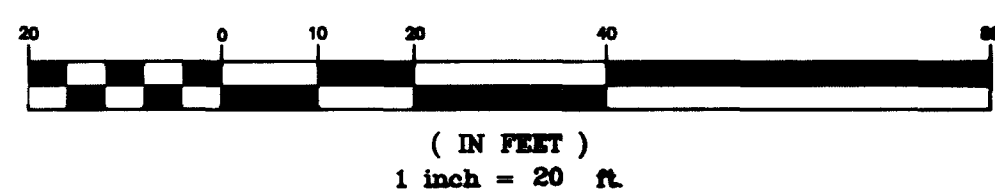
BASED ON:

SQUARE FOOTAGE: = 4976 SQ.FT.
BUILDING HEIGHT = 15 FT.
NUMBER OF STORIES = 1 FLOOR
TYPE OF CONSTRUCTION = V-N
OCCUPANCY = B
FULL AUTOMATIC FIRE SPRINKLER SYSTEM NOT SPRINKLED
FIRE HYDRANTS REQUIRED = 2
EXISTING FIRE HYDRANTS = 1
NEW FIRE HYDRANTS = 1

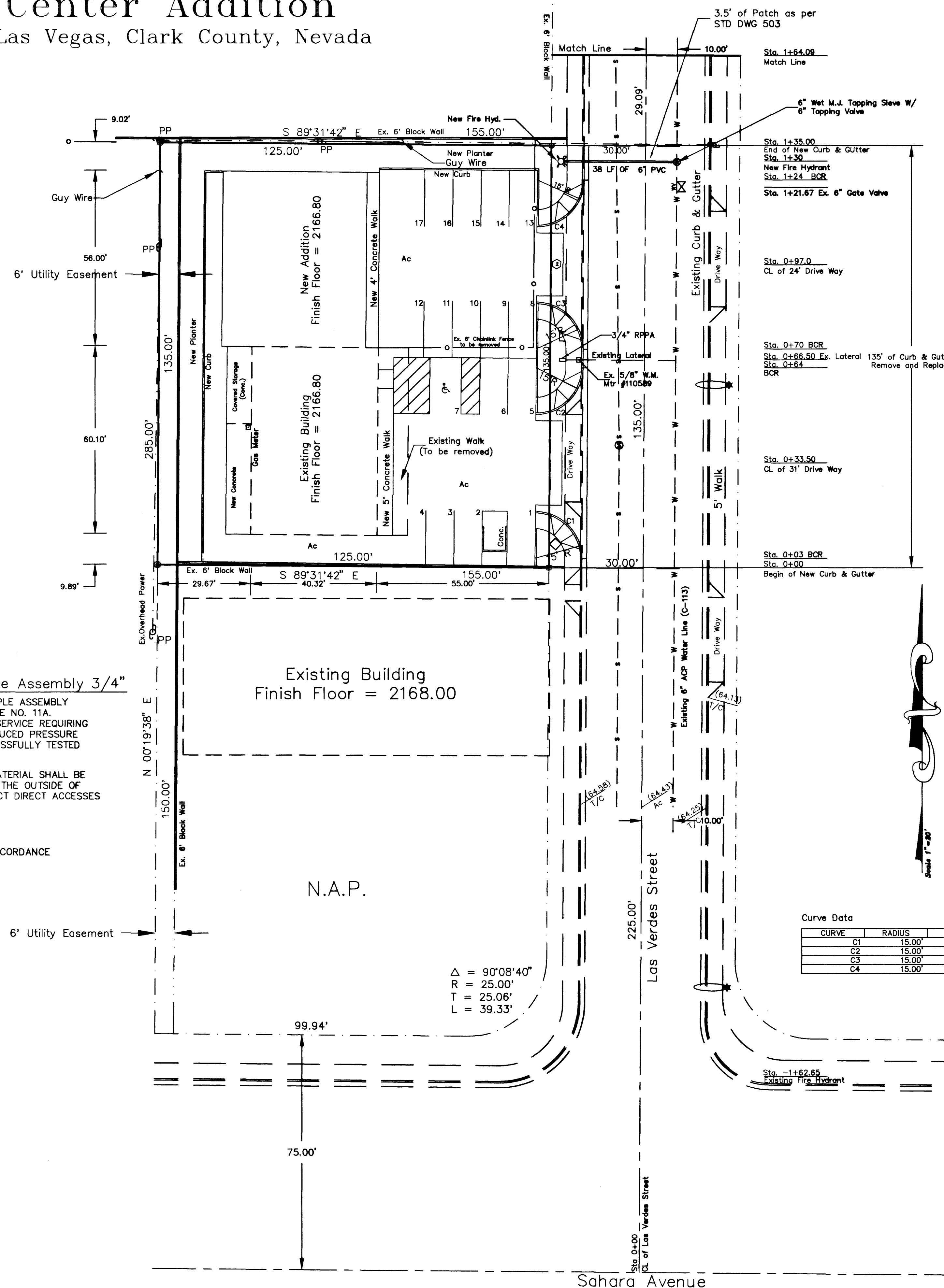
REVIEWED BY: *[Signature]* DATE: 11/20/98

CLV DEPARTMENT *[Signature]* DATE: 11/20/98
Las Vegas Valley Water District *[Signature]* DATE: 11/20/98

GRAPHIC SCALE



Pin Center Addition City of Las Vegas, Clark County, Nevada



Water Quantities

- Public
- 1 • 6" Tapping Sleeve
 - 1 • 6" Tapping Gate Valve
 - 1 • Fire Hydrant
 - 1 • 3/4" RPPA
 - 38 LF 6" PVC
- Private
- Existing

BENCH MARK

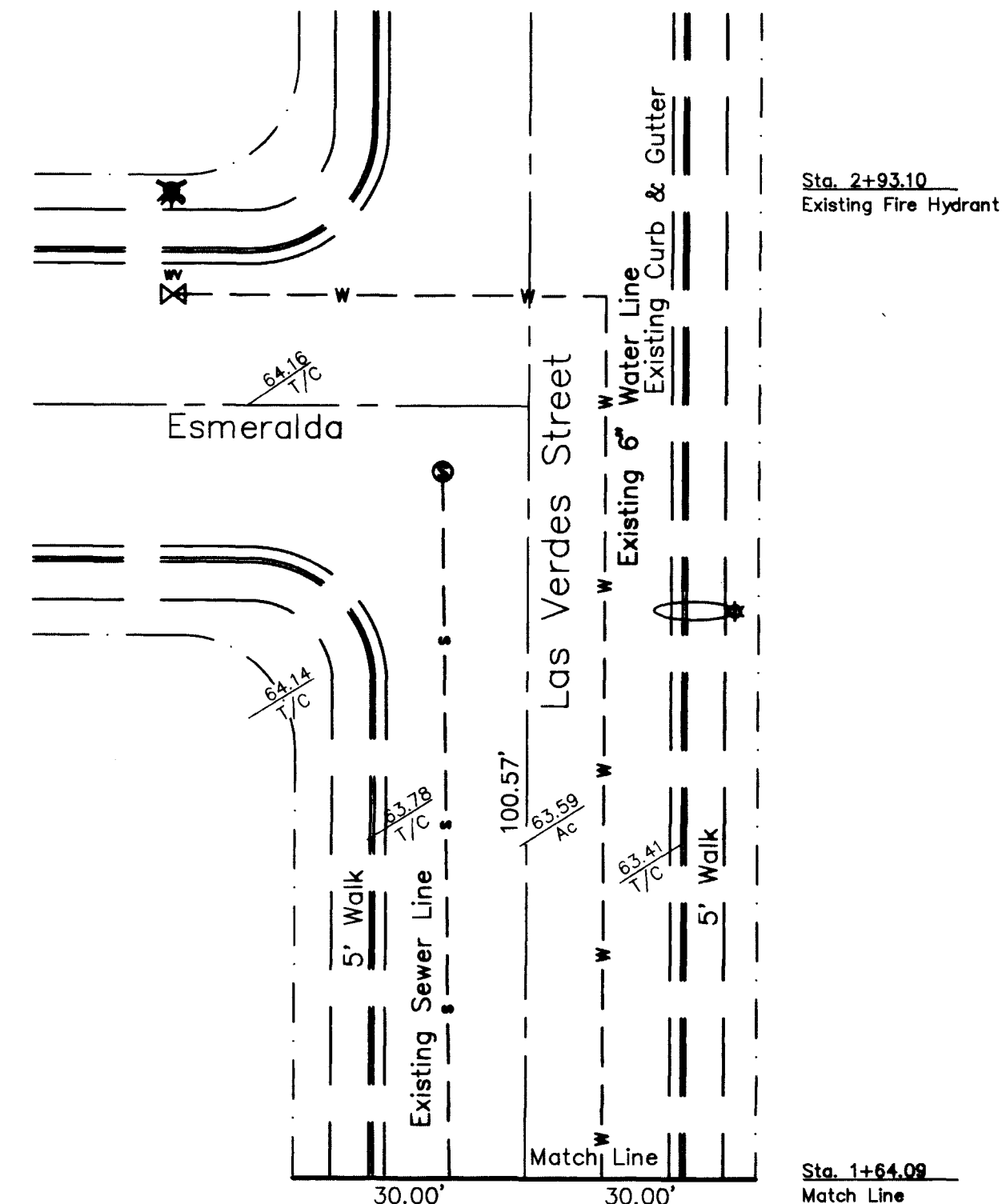
BM # 7C116SSE6
ELEV. = 2167.42 (660.6394M)
ALUM. PLATE IN T/C
NE RETURN • SAHARA AVE.
AND ARENAS STREET
AS PER NORTH
AMERICAN VERTICAL
DATUM OF 1988.

LEGAL DESCRIPTION

A portion of the SE4 Section 6, Township 21 South, Range 61 East M.D.M. Being lot 2 of Parcel Map File 81 Page 52, Clark County, Nevada records.

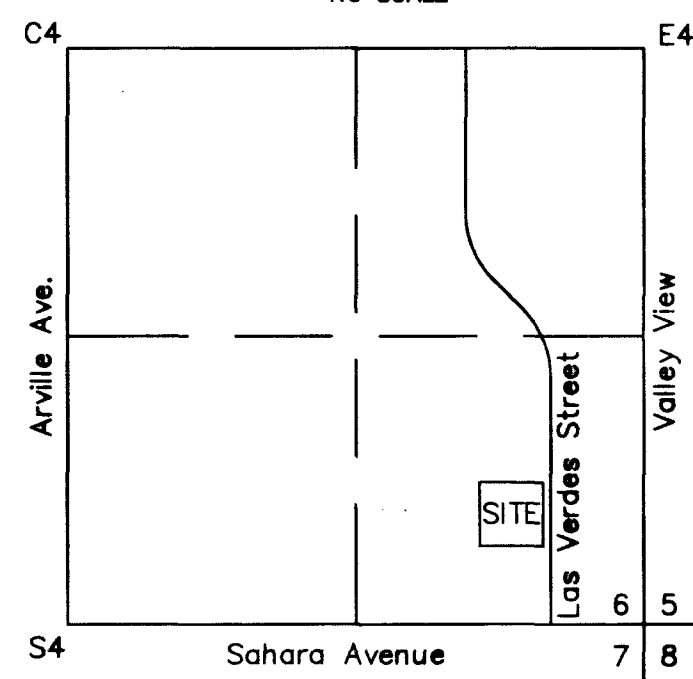
Basis of Bearing

S 00°19'38" W being the Centerline of Las Verdes Street in a portion of the SE4 Section 6, Township 21 South, Range 61 East M.D.M. as per Parcel Map File 81 Page 52, Clark county, Nevada records.



AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig- 1-800-227-2800
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

VICINITY MAP



OWNER/DEVELOPER MR. LYNN BECKER 2408 LAS VERDES STREET LAS VEGAS, NV 89102	UTILITY PLAN	TITLE PIN CENTER ADDITION SAHARA AVENUE AND VALLEY VIEW CITY OF LAS VEGAS, NEVADA
DATE: 9/8/98	DESIGNED BY: J.H. AFFLECK	CHECKED BY: J.H. AFFLECK
PROJECT NO.	SCALE: 1" = 20' HOR.	
SHEET C4 4 OF 5 SHEETS DRAWING NO. 107-V3025		

