BENCHMARK

C.L.V. BM 1LV10-3NEE6

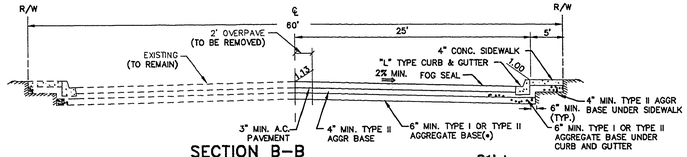
RIVET AND PLATE IN TOP OF CURB ON BUFFALO DRIVE 700' SOUTH OF CHARLESTON BOULEVARD, EAST CURB LINE.

ELEVATION = 770.4119 METERS

2527.5930 FEET ⟸ DATUM USED (NAVD 88)

BASIS OF BEARING

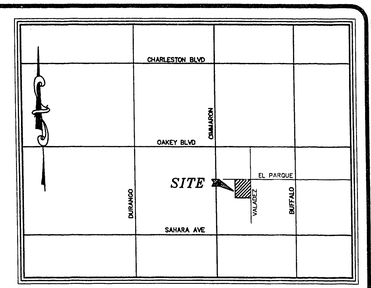
S 89°07'38" E
AS SHOWN IN BOOK 49, PAGE 34, OF PLATS IN THE COUNTY RECORDERS OFFICE CLARK COUNTY, NEVADA.



SECTION B-B

C.L.V. STD. DWG. #205 N.T.S.

NOTE:(*)
NATIVE MATERIAL MAY BE USED IN LEIU OF STANDARD TYPE I GRAVEL WITH PRIOR APPROVAL OF THE CITY ENGINEER. CONTACT C.L.V. QUALITY CONTROL FOR COORDINATION (386-6337)



VICINITY MAP

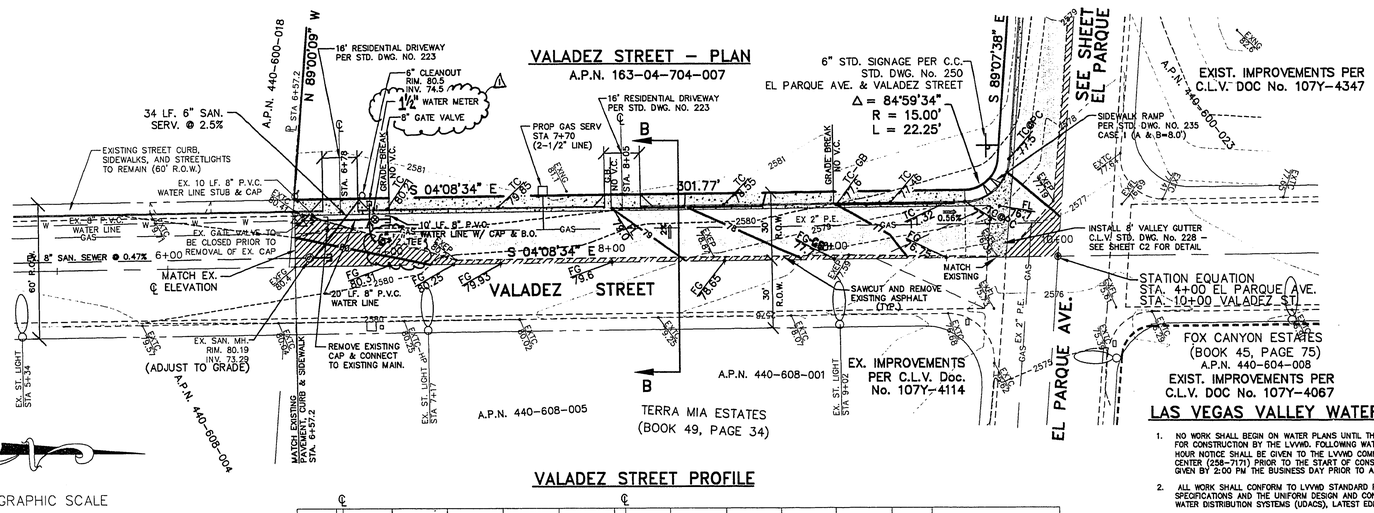
N. T. S.

LEGEND

- CENTERLINE
- PROPERTY LINE
- EXISTING STRUCTURES
- PROPOSED BACK OF CURB
- 2089 EXISTING CONTOUR
- 17 PROPOSED CONTOUR
- WV EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STREET LIGHT
- 89.60 EX TC — EXISTING TOP OF CURB GRADE
- 89.60 EX AC — EXISTING ASPHALT GRADE
- 95.21 EX EP — EXISTING EDGE OF PAVEMENT
- 95.21 EX NG — EXISTING NATURAL GRADE
- FG 18.00 — PROPOSED FINISHED GRADE
- FL 17.00 — PROPOSED FLOW LINE
- AC 17.50 — PROPOSED A.C. ELEVATION
- DIRECTION OF DRAINAGE FLOW
- PROPOSED ST. LIGHT (150 WHPS)
- PROPOSED ASPHALT PAVEMENT
- SAWCUT AND REMOVE EXISTING ASPHALT

VALADEZ STREET – PLAN

A.P.N. 163-04-704-007

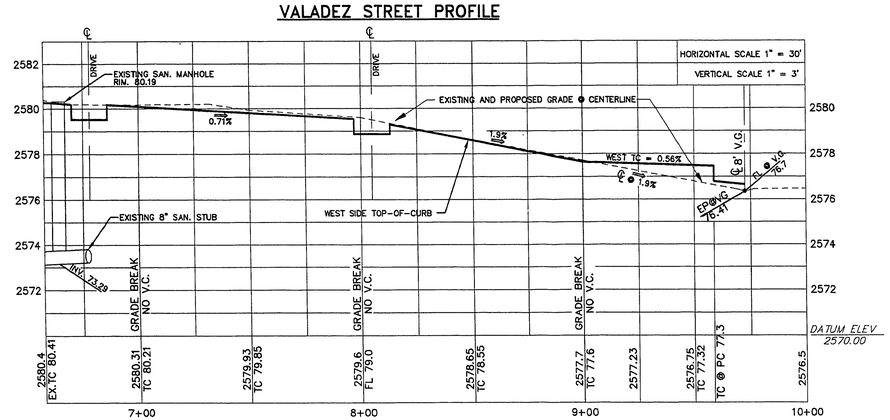


1" = 30'

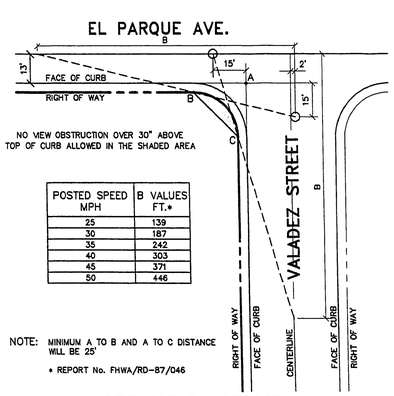
GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

VALADEZ STREET PROFILE



EL PARQUE AVE.



NO VIEW OBSTRUCTION OVER 30" ABOVE TOP OF CURB ALLOWED IN THE SHADED AREA

POSTED SPEED MPH	B VALUES FT.*
25	139
30	187
35	242
40	303
45	371
50	446

NOTE: MINIMUM A TO B AND A TO C DISTANCE WILL BE 25'

* REPORT No. FHWA/RD-87/046

SITE CLEARANCE DETAIL

STD. # 404, 1600 N.T.S.

NOTES:
ALL UTILITIES SHOWN ARE BELIEVED TO BE ACCURATELY LOCATED, BUT THE ACCURACY AND COMPLETENESS OF UTILITY INFORMATION IS NOT GUARANTEED. FOR EXACT LOCATION OF ANY UTILITY SEE THE APPROPRIATE UTILITY OR GOVERNMENTAL AGENCY.

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before you
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1-800-227-2600
CAN U DIG IT?

PROJECT NAME: MIRCHOU PROP. @
VALADEZ sh C3 of 3
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

LVVWD Date 2/27/96

CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLAN. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II GRAVEL.
5. ALL MANHOLES IN PAVED STREETS 80 FT. R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12 IN. DIA. SIZE. CONNECTIONS TO 15 IN. OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
7. A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18 IN. UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED PIPE A DISTANCE OF NOT LESS THAN TEN FEET (10') ON EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY.

LAS VEGAS VALLEY WATER DISTRICT NOTES

1. NO WORK SHALL BEGIN ON WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION 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 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 OFF-SITE 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 OF 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 DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TEL. 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICK-UP.
12. CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10PM AND 6AM, 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 LISTED ON THE LVVWD APPROVED MATERIALS AND MANUFACTURES LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

REVISED: APRIL 25, 1995

A 1" x 3/4" ANGLE METER STOP AND 3/4" METER BOX WILL BE REQUIRED WITH THE 1" SERVICE LATERALS FOR ALL SERVICES WITH 5/8" OR 3/4" SERVICES. DETAILS OF THE ABOVE INSTALLATION ARE AVAILABLE FROM THE ENGINEERING SERVICES DIVISION AND FROM THE DISTRICT'S INSPECTORS. ESN.046

APPROVALS

LAS VEGAS VALLEY WATER DISTRICT — DATE 3/12/96

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 2-16-96

(SEE TITLE SHEET FOR SIGNATURE)
NEVADA POWER COMPANY — DATE

WATER QUANTITIES

1½" METER — 1 EACH
1½" COPPER WATER — 12 L.F.

SEE C2 OF 3 FOR CITY OF LAS VEGAS STREET AND TRAFFIC NOTES

GRADING NOTES

1. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AN VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXI ING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND INGI AND EGRESS TO SAID CONSTRUCTION. EXTENT OF TRANSITIO TO BE DETERMINED BY THE CITY ENGINEER.
2. EXISTING UTILITIES ARE LOCATED ON THE PLANS PER THE CI OF LAS VEGAS REQUIREMENTS. THE CONTRACTOR SHALL BE FULL RESPONSIBILITY FOR THE UTILITIES NOT SHOWN ON TH PLANS, AND SHALL CONTACT THE APPROPRIATE UTILITY OR GOVERNMENT FOR THE EXACT LOCATION OF ALL UTILITIES.
3. CONSTRUCTION TO BE PER UNIFORM STANDARD SPECIFICATIONS AND DRAWINGS, CLARK COUNTY AREA, NEVADA.
4. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
5. ALL GRADING AND PAVING SHALL CONFORM TO THE SOILS REPORT AND ANY ADDENDA THERETO.
6. POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CITY OF LAS VEGAS.
7. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.

PLANS LIBRARY
LOGGED OUT TO:
FIRM: SHA
PERSON: Travis
9-17-96

SHA ENGINEERS
STAN HANSEN & ASSOCIATES
LAND SURVEYING
CIVIL ENGINEERING
STRUCTURAL ENGINEERING
FORENSIC ENGINEERING
9000 S VALLEY VIEW BLVD.
LAS VEGAS, NEVADA 89123
(702) 247-6003
FAX (702) 247-6110

MIRCHOU PROPERTY

SITUATED IN THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

PROJECT TITLE:

REVISION	APPRL.	
Rev. TO WATER SERV. STUBS TO 1½" METER	GAJ 5/29/96	DJB 5/29/96

VALADEZ STREET PLAN AND PROFILE

CLV Public Works Plans Library
Original Plans Check-Out
Drawing Number: 107V2482
Project Name: EL PARQUE/ VALADEZ
Engineering Firm: SHA
Sheet Numbers: 3 of
Approved by:

DATE:	16 FEB 1996
JOB NO:	95429
SCALE:	1" = 30'
DRAWN:	L.R.W.
DESIGNED:	N/A
CHKD BY:	B.P.T.
DWGNME:	5429_C3
sheet:	C3 OF 3

107-V2482
29-2-91