

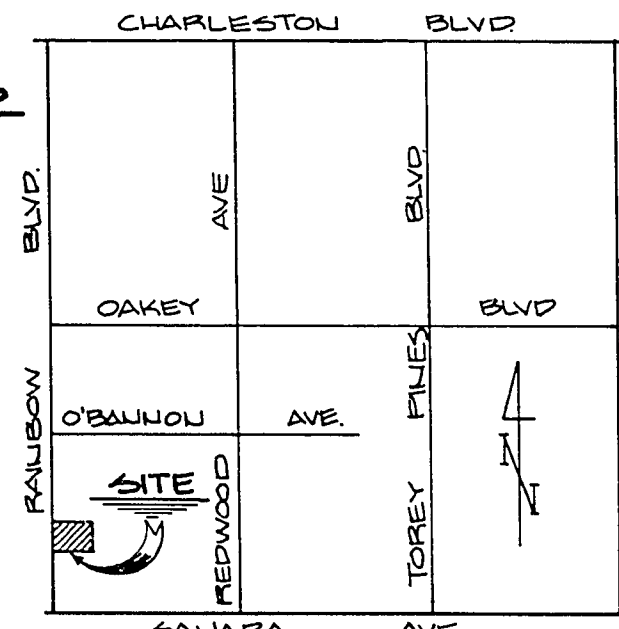
REMOVAL OF EXISTING SERVICE NOTE

EXISTING SERVICE LATERALS THAT ARE TO BE DISCONNECTED FROM EXISTING PIPELINES, SHALL HAVE THE CORPORATION STOP TURNED OFF AT THE PIPELINE. THE EXISTING SERVICE LATERAL THAT IS TO BE DISCONNECTED SHALL BE CUT 4" DOWNSTREAM FROM THE CORPORATION STOP AND AGAIN CUT 6" DOWNSTREAM SO THAT A 6" PIECE OF THE EXISTING SERVICE LATERAL IS REMOVED. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING PIPELINE, THE PIPELINE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. IN A HANDED APPROVED BY THE LAS VEGAS VALLEY WATER DISTRICT. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY THE LAS VEGAS VALLEY WATER DISTRICT.

THE CONTRACTOR SHALL REMOVE THE EXISTING SERVICE METER BOX AND APPURTENANCES. FILL AND GRADE ANY AND ALL RESULTING HOLES AND REPLACE OR RESTORE TO ORIGINAL CONDITIONS OR BETTER. ALL LANDSCAPING, IRRIGATION SYSTEMS, CONCRETE SIDEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVED DURING THE REMOVAL OF THE EXISTING SERVICE METER BOX.

ESTIMATED WATER QUANTITIES

- 1 1/2" SERVICE COLLECTION 1 EA.
- 1 1/2" WATER METER FROM LVVWD 1 EA.
- 3" COPPER SERVICE LATERAL 1 EA.
- 1 1/2" PVC WATER LINE 29 LF.



GENERAL NOTES

- All construction and materials shall be in accordance with the Uniform Standard Specifications for Public Works Construction, Clark County Area Nevada, latest issue; the Uniform Standard Drawings for Public Works Construction, Clark County Area Nevada, latest issue; any other applicable approved standards issued by the controlling agency, the Uniform Building Code; and all local city codes and ordinances applicable. Except as noted on these sheets.
- The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. The contractor is required to take precautionary measure to protect the utility lines shown and any other lines not of record or not shown on these drawings. Existing utilities are located on plans only for the convenience of the contractor. Existing utility service laterals may not be shown on the plans.
- The contractor shall take all precautionary measures necessary to protect existing improvements which are to remain in place, from damage, and all such improvements or structures damaged by the contractor's operations shall be repaired or reconstructed satisfactory to the owner at the expense of the contractor.
- The contractor shall not backfill any trenches in which waterlines have been uncovered until the waterlines have been inspected by the Las Vegas Valley Water District. The Water District shall be notified 48 hours in advance of construction in the vicinity of water lines.
- All construction shall be as shown on these plans, any alterations shall have the prior written approval of the City Engineer.
- Type V cement shall be used in all off-site concrete work. Concrete to be designed for a 5.5 sack mix with a maximum water/cement ratio of 0.45 (or as designed by the Soils Engineer). Mix design to be approved by the quality control division prior to use on the project.
- The contractor shall, at his own expense, locate all overhead interferences which may affect his operation during construction and shall take all necessary precautions to avoid damage to same. The contractor shall use extreme caution when working near overhead or underground power, gas and/or other utilities so as to safely protect all personnel and equipment, and shall be responsible for all costs and liability in connection therewith.
- Permits are required for any work in the public right of way. The contractor shall secure all permits and inspections required for this construction.
- Expansion joints required, maximum every 300' in extruded type curb.
- AC pavement to be 1 1/2" above lip of all gutters and valley gutter after construction.
- Apply fog seal only after all corrections and adjustments have been made.
- Curb and gutter with a grade of less than four tenths of one percent shall be constructed by forming. Each joint shall be checked for grade prior to construction and water tested as soon as possible after construction.
- Wheelchair ramps shall be constructed in each quadrant of an intersection per standard drawing 235. Exact location of ramps may be adjusted in the field by a city inspector.
- Contractor shall provide all necessary horizontal and vertical transitions between new construction and existing surfaces to provide for proper drainage and for ingress and egress to said construction. Extent of transitions to be as shown on plans, or as designated in the field by a city inspector.
- All grading work shall conform to the soils report as prepared by the Soils Engineer and approved by the City Engineer.
- Exact location of all sawcut lines may be determined in the field by a City of Las Vegas Inspector. If location on plans is not clearly shown, or existing pavement condition requires relocation.
- The contractor shall take all precautions necessary to protect existing permanent survey monuments. Any monuments disturbed shall be replaced and adjusted per available records in accord with N.R.S. Statute No. 625.550.
- Utility company meter boxes, manhole lids, valve covers, etc., shall be located out of driveway, driveway aprons, fire lanes, and valley gutters unless written approval is granted by the utility company.

WATER NOTES

- No work shall begin on the water plans until they have been released for construction by the LVVWD. Following approval of the plans, notice must be given to the LVVWD Customer Service Department (870-4194), 48 hours prior to actual construction and 24 hours prior to an inspection.
 - Call Before You Dig 1-800-227-2600.
 - All work shall conform to LVVWD latest standard plates, drawings and specifications.
 - All work, except as modified herein or by Note 3, shall be done in accordance with the most current draft of addition of the Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area.
 - District approved service saddles of tapered collars will be required on all 3/4" and 1" service laterals. Service saddles only will be permitted on 1 1/2" and 2" service laterals. Double tapered collars are not permitted.
 - COPPER SERVICE LATERALS: All 3/4" to 2" service laterals shall be of copper tubing, in accordance with THE DISTRICT'S SPECIFICATIONS AND STANDARD PLATES.
 - The maximum allowable joint deflection for ACP and Ductile Iron pipe shall be as follows:

Pipe Sizes	ACP	slip joint	mechanical joint
6 inch	2.5 degrees	3.5 degrees	3.5 degrees
8-12 inch	2.5 degrees	2.5 degrees	2.5 degrees
14-16 inch	2.0 degrees	1.5 degrees	1.5 degrees
18-24 inch	N/A	1.5 degrees	1.5 degrees
- On PVC pipe, the maximum offset for a 20' length of factory belled pipe shall be 17 inches for 6" pipe, 12 inches for 8" pipe, 11 inches for 10" pipe, and 9 inches for 12" pipe.
- All water meter boxes shall be located outside of driveway areas.
 - All valves shall be located outside of driveway areas and valley gutters.
 - Detector tape is required in accordance with Standard Plate No. 27 where indicated, and as follows:
 - over all mains not installed 6 feet from back of curb.
 - over all service laterals not installed at right angles to main
 - All water mains are to be pressure tested at 200 psi for a continuous two hour period.
 - All water mains and laterals shall be disinfected and flushed, and an acceptable water sample obtained, prior to acceptance by the District.
 - Contractor to obtain all meters 2" and smaller from LVVWD Central Stores. Telephone 258-3152 forty-eight (48) hours prior to pickup.

BENCH MARK

B.M. NO. 7010-25WS - DRIVE RIVET AND NAIL IN THE TOP OF CURB OF THE TURN INLET AT THE PLATE IN THE CORNER OF RAINBOW BOULEVARD AND SAHARA AVENUE (11' NORTH OF THE SOUTHWEST NOSE OF THE ISLAND)
ELEV. = 3299.06 C.G.C.D. DATUM

BASIS OF BEARINGS

N 32°28'57" OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 2, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.B. & M. AS SHOWN ON PARCEL MAP FILE 58, PAGE 67, CLARK COUNTY RECORDS, NEVADA.

OFF-SITE QUANTITIES

SIDEWALK - 420 L.F.

LEGEND

- EXISTING CONTOUR
- NEW CONTOUR
- PROPERTY LINE
- NEW CONC. BLOCK WALL
- EXISTING ELEVATION
- DESIGN ELEVATION
- TOP OF CURB
- TOP OF AC PAVT.
- TOP OF SIDEWALK (CONC.)
- FLOW LINE
- STREET CENTERLINE
- BUILDING LINE

UTILITY NOTE

The location of underground utilities shown hereon has been determined from surface evidence of their existence or from information obtained from the utility companies. The Engineer accepts no liability for the existence or non-existence of utility lines. Contractors and others using this map must confirm the location of underground lines or structures with the utility companies prior to commencing any excavation.

APPROVAL:

CLV CITY ENGINEER
GARY A. PRESSWOOD PE.

8-16-91
DATE

6-21-91
DATE

6-21-91
DATE

LAS VEGAS VALLEY WATER DISTRICT

FIRE DEPT. DATA

BLDG. AREA 3600 S.F.
BLDG. MATERIALS TYPE X-F
BLDG. HEIGHT 1 STORY
SPRINKLERS NO
CALCULATED FIRE FLOW 1500 G.P.M.

REFERENCE DRAWINGS

FOR REFERENCE SEE "MCCOTT SHOPPING CENTER" PLANS PREPARED BY VTL NEVADA, CLV FILE # 107-V1613

DEVIATIONS FROM STANDARDS

NOTE

- FINISH FLOOR ELEVATION TOTALS PAD ELEVATION PLUS 0.7'.
- "I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED GRADING STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT."

PLOT, GRADING, AND UTILITY PLAN
A PORTION OF THE SW 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SECTION 2, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.B. & M. CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

SHEET
2
PROJ. NO.

107-V1928