

FIRE HYDRANT NOTES

- All work shall be done in strict accordance with the City of Las Vegas Fire Department "Hydrant Specifications" and "Hydrant Installation Specifications".
- Authorized hydrant for this project are:
A - Kennedy Guardian
B - Mueller A-423 Guardian
- On any new home or building construction, accessible fire hydrant shall be installed before combustible construction commences and said fire hydrant shall be in good working order with an adequate water supply.
- Contractor shall place a green reflective marker at center-line of street adjacent to fire hydrant.
- Call the Las Vegas Fire Department at 383-2888 for underground inspection, presence and flush verification of all fire hydrant and fire lines before covering.
- Painting of the curb and hydrant and any work necessary for protection of hydrant from physical damage per the "Hydrant Installation Specifications" shall be completed before approval by the City of Las Vegas Fire Department.
- _____
- A permit is required from the Fire Department for water line installation on the private side of the meter.
- A flow test must be witnessed by the Fire Department for verification of on-site water supply.
- All service fire water materials must be U.L. listed and P.M. approved.

FIRE DEPT. DATA

BLDG. HEIGHT ONE STORY
TYPE CONSTRUCTION TYPE II
GROUND FLOOR AREA 5400 SQ. FT.
SPRINKLER SYSTEM NO
DISTANCE TO NEAREST BLDG.
NORTH 100' EAST -
SOUTH - WEST 50'
REQ'D FIRE FLOW 2,000 GPM

UTILITY NOTE

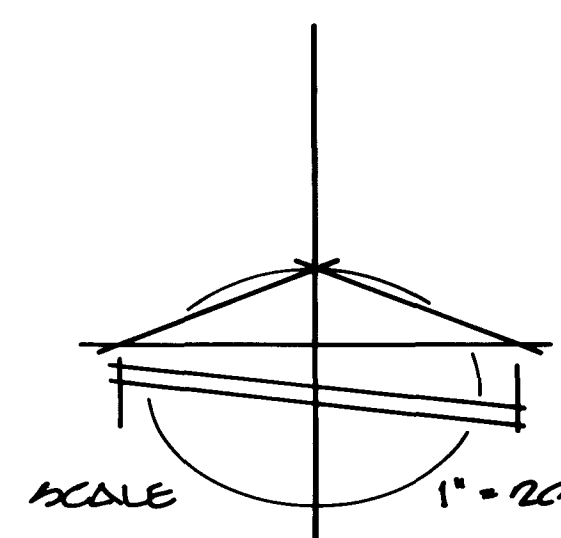
The location of underground utilities shown herein has been determined from surface evidence of their existence or from information obtained from the utility companies. The Engineer accepts no liability for the existence or non-existence of utility lines. Contractors and others using this map must confirm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

ESTIMATED QUANTITIES (WATER)

①	6" ACP WATER LINE	25 LF
②	WET TAP	1 EA.
③	12" x 12" x 6" TAPPING TEE	1 EA.
④	6" TAPPING VALVE W/ VALVE BOX & COVER	1 EA.
⑤	FIRE HYDRANT	1 EA.
⑥	2" SERVICE COLLECTION (BY CONTRACTOR)	1 EA.
⑦	2" WATER METER W/ BOX & COVER	1 EA.
⑧	2" SERVICE LINE (PE) (BY CONTRACTOR)	60 LF
⑨	1 1/2" GATE VALVE W/ VALVE BOX & COVER	1 EA.
⑩	1 1/2" SERVICE LINE (PE)	145 LF
⑪	PRESSURE REDUCING VALVE (REDUCE TO 70 PSI MAX.)	1 EA.

Call
before you
Dig.

1-800-227-2600
TOLL FREE SERVICE (USA)



BENCH MARK

BM #2 0233 D1 - BRASS NAIL & TAG IN TOP OF CURB AT THE SOUTHEAST CORNER OF BONANZA RD & LILLIAN BLVD. CLARK COUNTY ENGR. DEPT. DATUM. ELEVATION 1759.51

LEGEND

---	PROPERTY LINE
---	STREET CENTERLINE
---	BUILDING LINE
---	EXISTING CONTOUR LINE
---	PAVING SLOPE
---	BANK CUT LINE
---	EXIST. POWER LINE (OVERHEAD)
---	EXIST. TELEPHONE LINE (OVERHEAD)
---	CONC. BLOCK WALL
---	EXIST. ELEVATION
---	DESIGN ELEVATION
TC	TOP OF CURB
AC	TOP OF AC PAV'T.
TW	TOP OF SIDEWALK
FL	FLOW LINE

VICINITY MAP

NTS.

CONSTRUCTION NOTES

- CONSTRUCT 51 LF ± CONC. BLOCK WALL 6" HIGH. BANK CUT AS REQ'D. CONTRACTOR TO COORDINATE WITH ADJACENT PROPERTY OWNER PRIOR TO CONSTRUCTION. SEE DETAIL 1 SHEET 2.
- BANK CUT & MATCH PER CLV STD. DNG. 50A.
- BANK CUT & MATCH PER CLV STD. DNG. 23A. CAUTION: UNDERGROUND POWER & STREET LIGHT CABLES (SIDEWALK REPLACEMENT: 1'-3" PANEL MILL).
- BANK CUT & MATCH PER CLV STD. DNG. 21G. CAUTION: UNDERGROUND POWER & STREET LIGHT CABLES
- BANK CUT EXIST. CURB CUTTER & SIDEWALK. REMOVE & CONSTRUCT 24" WIDE DRIVEWAY PER CLV STD. DNG. 22A TO MATCH EXISTING.
- CONSTRUCT 'L' TYPE CONC. CURB & CUTTER PER CLV STD. DNG. 21G.
- CONSTRUCT 'A' TYPE CONC. CURBING. SEE DETAIL 3 SHEET 2.
- TRASH ENCLOSURE. SEE ARCH. PLAN
- INSTALL DRAIN PIPE THRU CONC. SIDEWALK PER DRAINAGE. SEE DETAIL 4 SHEET 2.
- CONSTRUCT RETAINING WALL W/ 6" HIGH CONC. BLOCK WALL. SEE DETAIL 2 SHEET 2.

NOTE:

REFERENCE SOIL REPORT BY SOUTH WEST GEOTECHNICAL CONSULTANTS JOB NO. SW-6088 DATED APRIL 27, 1988.

ESTIMATED QUANTITIES (OFF-SITE)

5' WIDE CONC. SIDEWALK	25 SQ. FT. ±
'L' TYPE CONC. CURB & CUTTER	5 LF ±
24" WIDE DRIVEWAY	224 SQ. FT. ±

APPROVALS

LAS VEGAS VALLEY WATER DIST. 7-25-89
DATE
N/A SW
CLV LAND DEVELOP. DATE

Name of Plan: HALL MARK PRE-SCHOOL

Water plan as shown will be acceptable.
It is NOT approved for construction.

Signature of Miller 6/2/88
LVMHD Date

N/A
CLV ELECTRICAL COORDINATOR DATE
CLV FIRE MARSHALL 6/2/88 DATE
CLV ENGINEER 8-29-88 DATE

GENERAL NOTES

- All construction and materials shall be in accordance with the "Uniform Standard Specifications for Public Works Construction" (Edition: Improvement, Clark County Nevada, latest issue) the "Uniform Standard Drawings for Public Works Construction, City of Las Vegas", and other applicable approved standards (issued by the controlling agency, the Uniform Building Code, and all local City codes and ordinances applicable).
- 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 measures 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 are not 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 X cement shall be used in all off-site concrete work. Concrete to be designed for a 3,500 psi mix with a maximum water/cement ratio of 0.45 (or as designed by the State 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 and/or telephone facilities as he is 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 compaction.
- 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 22A. Exact location of ramps may be adjusted to 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. Exact of transitions to be determined by the City Engineer and as shown on plans.
- All grading work shall conform to the soils report as prepared by the State Engineer or per these plans.
- Exact location of all easement lines may be determined in the field by a City of Las Vegas Inspector. If location on plans is not clearly shown, or existing permanent condition requires relocation.
- The contractor shall take all precautions necessary to protect existing permanent survey monuments. Any monument disturbed shall be replaced and adjusted per available records in accord with N.B.S. Standard No. 43-536.

APP'D	
REVISIONS	
DATE NO	
DATE	JULIE 15, 1989
DESIGN	ANM
DRAWN	JNL
CHECK	
SCALE	1" = 20'
PREPARED FOR:	HALL MARK SCHOOLS
BAUGHMAN & TURNER	
CIVIL ENGINEERS	
MINING ENGINEERS	
LAND SURVEYORS	
2335 WEST CHARLESTON BOULEVARD	
LAS VEGAS, NEVADA	
8902	
702-820-8771	
PLOT-CRADING & UTILITY PLAN	
SECTION 01, TOWNSHIP 20 SOUTH, RANGE 22 EAST, N.D.B. 11 N.	
CITY OF LAS VEGAS	
NEVADA	
HALL MARK PRE-SCHOOL	
SHEET	
PROJ. NO	
PS 1538 PAC	

13-3-35 107-V1664

