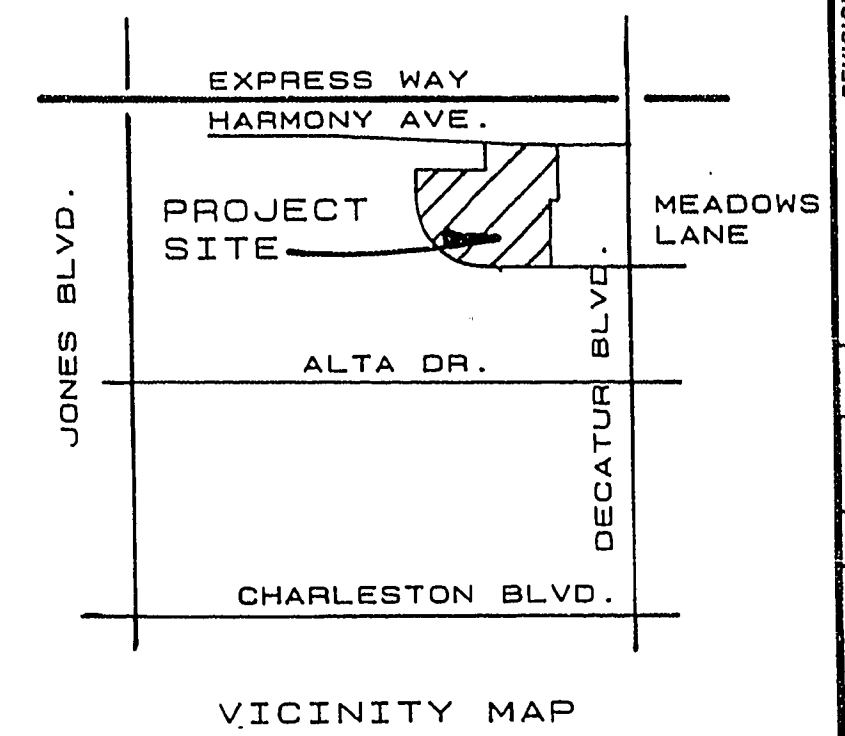




LAS VEGAS FIRE DEPARTMENT
 FIRE FLOW REQUIREMENT IS 300 GALLONS PER MINUTE AT 20 FEET PER SQUARE FOOT RESIDUAL, BASED ON:
 AREA SEPARATION FIRE WALLS MUST BE IDENTIFIED.
 SQUARE FOOTAGE: 1,120,000 SQ. FT. (APPROX)
 LARGEST AREA BETWEEN AREA SEPARATION WALLS: 500' X 100'
 HEIGHT: 20' MAX.
 TYPE OF CONSTRUCTION: 1-1/2"
 EXPOSURES: 1-2"
 SPRINKLER SYSTEM: YES
 OCCUPANCY:
 ROOF CONSTRUCTION:
 REVISIONS BY:
 DATE:
 100' OPEN ACQUIRED WITHIN 500 FT. OF ALL BUILDING AREAS.
 COVERED PARKING AREA
 TRASH ENCLOSURE AREA



PACIFIC RIDGE
 SEE SHEET 14

Minimum Specifications of the Fire Lane Sign
 Size: 1' wide x 2' long or 2' wide x 2' long (if possible)
 Color: Red and black on white background (see code)
 Material: 1/8" thick aluminum plate
 Mounting: 1/2" diameter bolts
 Spacing: To be installed at 100' intervals (10' or more than 10' feet (10') from ground level)

*NOTE: ALL CURB NOT ADJACENT TO ANY PARKING SHALL BE PAINTED RED AND DESIGNATED AS FIRE LANES. INSTALL APPROVED SIGNS AT 10' INTERVALS ALONG ALL FIRE LANES.

FOR WATER MAIN CONTINUATION SEE SINGLE FAMILY AREA SHEET 14 OF 18

- FIRE DEPARTMENT NOTES**
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS" AND ORDINANCE #318.
 - AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 A - KENNEDY CHAMBER
 B - MULLER A-43 COLUMBIAN
 C - CLOW MODEL 2540 MEDALLION
 - ON ANY NEW HOME OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMPLETION OF CONSTRUCTION AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
 - CONTRACTOR SHALL PLACE A GREEK REFLECTIVE MARKER AT CENTER-LINE OF STREET ADJACENT TO FIRE HYDRANTS.
 - CALL THE LAS VEGAS FIRE DEPARTMENT AT 383-2888 FOR UNDERGROUND INSPECTION, PRESSURE AND FLOW VERIFICATION OF ALL "FIRE HYDRANTS AND FIRE LINES BEFORE COVERING
 - PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE #318 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
 - A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR WATER LINE AND FIRE HYDRANT INSTALLATIONS 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 ON-SITE FIRE MAIN MATERIALS MUST BE U.L. LISTED AND F.A. APPROVED.
 - FIRE HYDRANT SIZING:
 RESIDENTIAL - 400 FT. MAXIMUM
 COMMERCIAL, INCLUDING MULTI-FAMILY - 500 FT. MAXIMUM
 FIRE HYDRANTS SHALL BE LOCATED WITHIN 500 FT. OF ANY CONSTRUCTION OR COMBUSTIBLE OPEN STORAGE.
 - NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CURB-SE-TOC OR WITHIN 30 FT. OF THE PER-METER OF THE RADIUS OF THE CURB-SE-TOC.
 - NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6 FT. OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
 - ENSURE THAT FIRE HYDRANTS ARE CONNECTED TO A DEPENDABLE WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW

LAS VEGAS VALLEY WATER DISTRICT NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT LATEST STANDARD PLATES AND SPECIFICATIONS.
- ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE NO. 1, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA.
- NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- SERVICE SADDLES OR TAPPED 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 TAPPED COLLARS ARE NOT PERMITTED.
- ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
- DEFLECTION ANGLE SHALL NOT EXCEED 2 1/2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14 INCHES, AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14" AND 16".
- ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
- DEFLECTION TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED AND AS FOLLOWS:
 A. OVER ALL MAINS NOT INSTALLED AT 6 FEET FROM BACK OF CURB.
 B. OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS
- CALL BEFORE YOU DIG - 1-800-227-2600.
- SERVICE LATERALS FOR LOTS WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT.

APPROVAL

LAS VEGAS VALLEY WATER DISTRICT DATE _____
Edwin J. Smith 11/29/88
 CLV FIRE MARSHALL DATE

QUANTITY ESTIMATE (PRIVATE WATER SYSTEM)

1	STD. FIRE HYD. W/ASSEMBLY	5 EA
2	6" x 3" FMCT	1 EA
3	6" x 8" INCREASER/REDUCER	1 EA
4	8" 45° ELBOW	10 EA
5	8" 90° ELBOW	3 EA
6	8" TEE	2 EA
7	8" GATE VALVE	4 EA
8	8" 1 1/4" ELBOW	4 EA
9	8" x 4" FMCT	1 EA
	3" WATER MAIN	2355 LF±
	2" WATER MAIN	238 LF±
	1 1/2" WATER MAIN	1011 LF±

EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES WITH THE UTILITY COMPANIES.

Name of Plan: Mission Ridge
 Water plan as shown will be acceptable. It is NOT approved for construction.
Richard 12/19/88
 LWVD Date

Call before you Dig

1-800-227-2600
 UNDERGROUND SERVICE UTILITIES, INC.

TITLE	PROJECT
PRIVATE SYSTEM MASTER WATER PLAN CONDOMINIUM AREA	MISSION RIDGE
W.O. No. 880527	BY RICHARD
DATE 8-88	SCALE 1" = 50'
SHEET 16	OF 18 SHEETS

10-6-88
 SOUTHWEST ENGINEERING
 LAND PLANNING • MAPPING • DEVELOPMENT
 1725 S. RAINBOW BLVD., STE. 210 LAS VEGAS, NEVADA 89102
 (702) 735-1000

REVISION
 NO. DATE BY

Donald W. Meyer

PACIFIC RIDGE
 SEE SHEET 14

MISSION RIDGE DR
 PRIVATE

FOR WATER MAIN CONTINUATION SEE SINGLE FAMILY AREA SHEET 14 OF 18

THE METERS & VAULTS W/ NON-TRAFFIC BEARING COVERS, MUST BE INSTALLED IN ACCORDANCE W/ THE DISTRICTS STD. PLATE 210 & W/ STD. VAULT DWG. C-475
 ANY FUTURE BLOCK WALL OR FENCE MUST BE DESIGNED AROUND THE EASEMENTS, SO AS TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULTS FROM THE ADJACENT R/W.

PACIFIC RIDGE
 SEE SHEET 14

EXIST. 10" ACP

EX PROMENADE AT THE MEADOWS

MEADOWS LANE

EX TARGET DEPT STORE