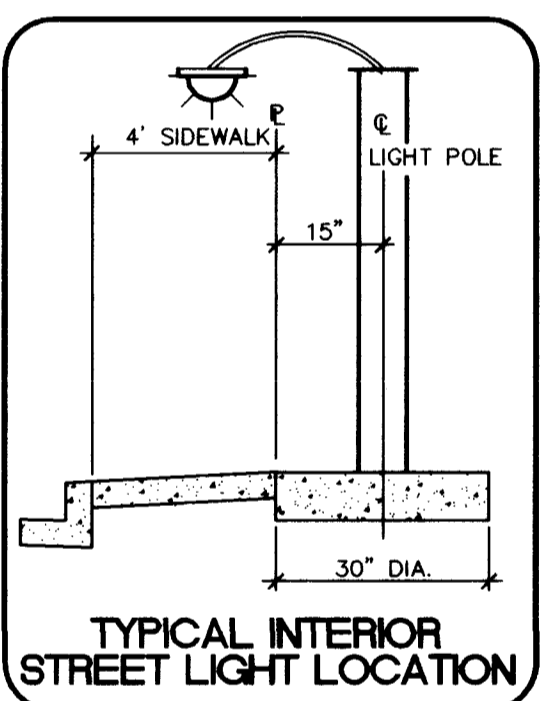


REDUCED PRESSURE PRINCIPLE ASSEMBLY
 Approved Reduced Pressure Principle Assembly(s) shall be installed per UDACS Plate No. 11A. No water shall be taken from a service requiring backflow prevention until the reduced pressure principle assembly has been successfully tested by the LVWMD.

Any block wall or other fence material shall be designed and constructed around the outside of the easement(s) to allow the District direct access from the adjacent right-of-way.

SEWER CONNECTION NOTE:
 ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER THAT WILL SERVE THIS PROJECT HAVE NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEMS SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.



NOTE: ALL ONSITE STREETS ARE PRIVATELY OWNED AND MAINTAINED.

NOTE: ALL ONSITE STREETS ARE CITY OF LAS VEGAS SEWER EASEMENTS.

SEWER CONTRIBUTION
 0.009 MGD AVERAGE DAILY
 0.03 MGD PEAK FLOW

* INSTALL SEWER LATERALS FOR FUTURE LOTS WITH UNIT ONE TOTAL: 6

** LOTS 17-21 BLK 1 and LOT 107 BLK 4 THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE) PRESSURE REDUCING VALVES SHALL BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWMD FACILITIES.

FIRE FLOW CALCULATIONS

THE FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:
 SQUARE FOOTAGE: 3300 SQUARE FEET
 LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: N/A SQUARE FEET
 BUILDING HEIGHT: 23 FEET
 NUMBER OF STORIES: 2 FLOORS
 TYPE OF CONSTRUCTION: V-N
 OCCUPANCY: RESIDENTIAL
 FULL AUTOMATIC FIRE SPRINKLER SYSTEM: N/A

FIRE FLOW INFORMATION - C.L.V. FIRE DEPARTMENT

THE FIRE FLOW REQUIREMENT IS 1500 GPM AT 20 PSI RESIDUAL PRESSURE. THIS REQUIREMENT IS BASED UPON SQUARE FOOTAGE FOR TYPE V NR CONSTRUCTION. THE FLOW INDICATED IS THE MINIMUM ALLOWED BY CLVD FOR SINGLE FAMILY RESIDENTIAL CONSTRUCTION.

ITEM	QUANTITY
8" W.L.	2250 LF
12" x 8" REDUCER	1 EA
8" TEE	3 EA
8" CROSSING	1 EA
45° BEND	6 EA
8" GATE VALVE	8 EA
6" F.H. ASSEMBLY (INCLUDES 8" x 6" TEE & 4" GATE VALVE)	5 EA
1" SERVICE LATERAL W/ 3/4" METER BOX	38 EA
1" SERVICE LATERAL W/ 3/4" METER BOX (IRRIGATION)	1 EA
2" B.O. ASSEMBLY	3 EA
3/4" RPPA	1 EA
15" x 8" TAPPING TEE	1 EA
8" TAPPING VALVE	1 EA

THESE QUANTITIES ARE AN ESTIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR QUANTITIES FOR BIDDING PURPOSES.

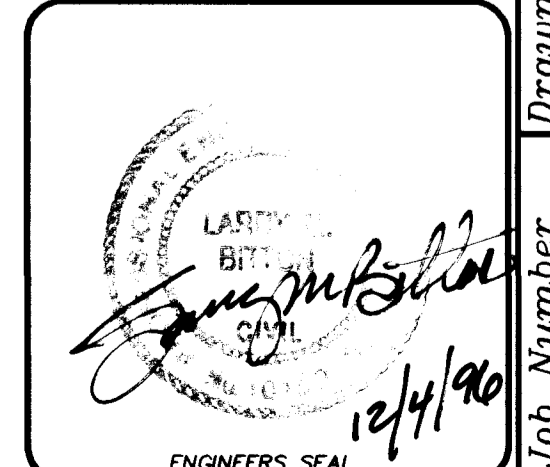
[Signature] 2-03-97
 LAS VEGAS VALLEY WATER DISTRICT DATE

SEE SHEET 2 FOR UTILITY NOTES

NOTE: ALL VALVES MUST BE IN THE CLOSED POSITION PRIOR TO REMOVING CAPS.

Call before you Dig
 1-800-227-2600

Call before you Overhead
 1-702-593-6111
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



Job Number	Scale	Drawn by	Checked by	Date	File No.	Sheet Number	Date	Appr.	Date
51878	1" = 40'	MDP	MDP	12/4/90	8781MP	4 OF 9			
REVISIONS No. Date Int. Date 1 10/11/91 2 11/14/91 3 12/4/90 4 12/4/90 5 12/4/90 6 12/4/90 7 12/4/90 8 12/4/90 9 12/4/90 10 12/4/90 11 12/4/90 12 12/4/90 13 12/4/90 14 12/4/90 15 12/4/90 16 12/4/90 17 12/4/90 18 12/4/90 19 12/4/90 20 12/4/90 21 12/4/90 22 12/4/90 23 12/4/90 24 12/4/90									

C:\DWGSD\1878\18781-04 Thu Dec 5 07:11:49 1996 P.B.S. & J. - RICK

