Avoid cutting underground utility lines. It's costly.

Call before you Dig

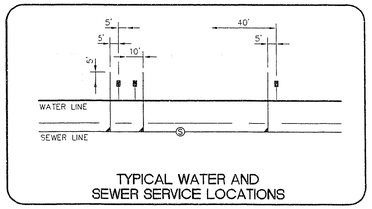
1-800-227-2600

LEGEND

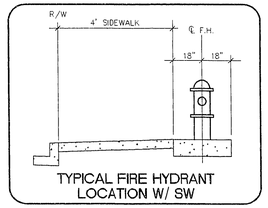
WATERLINE	SEWER MANHOLE
SEWERLINE	FIRE HYDRANT ASSEMBLY (INCLUDES 12"x6" OR 8"x6" TEE & 6" GATE VALVE)
PROPERTY LINE	BLOW-OFF ASSEMBLY
100W STREETLIGHT	STREET NAME SIGN (D3)
WATER SERVICE LATERAL W/METER	STOP SIGN (R1-1)
SEWER LATERAL	1 1/4" PVC ELEC CONDUIT

A PORTION OF 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 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 LVVWD FACILITIES.

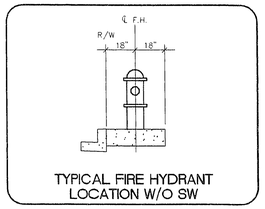
NOTE: ALL VALVES MUST BE IN THE CLOSED POSITION PRIOR TO REMOVING CAPS.



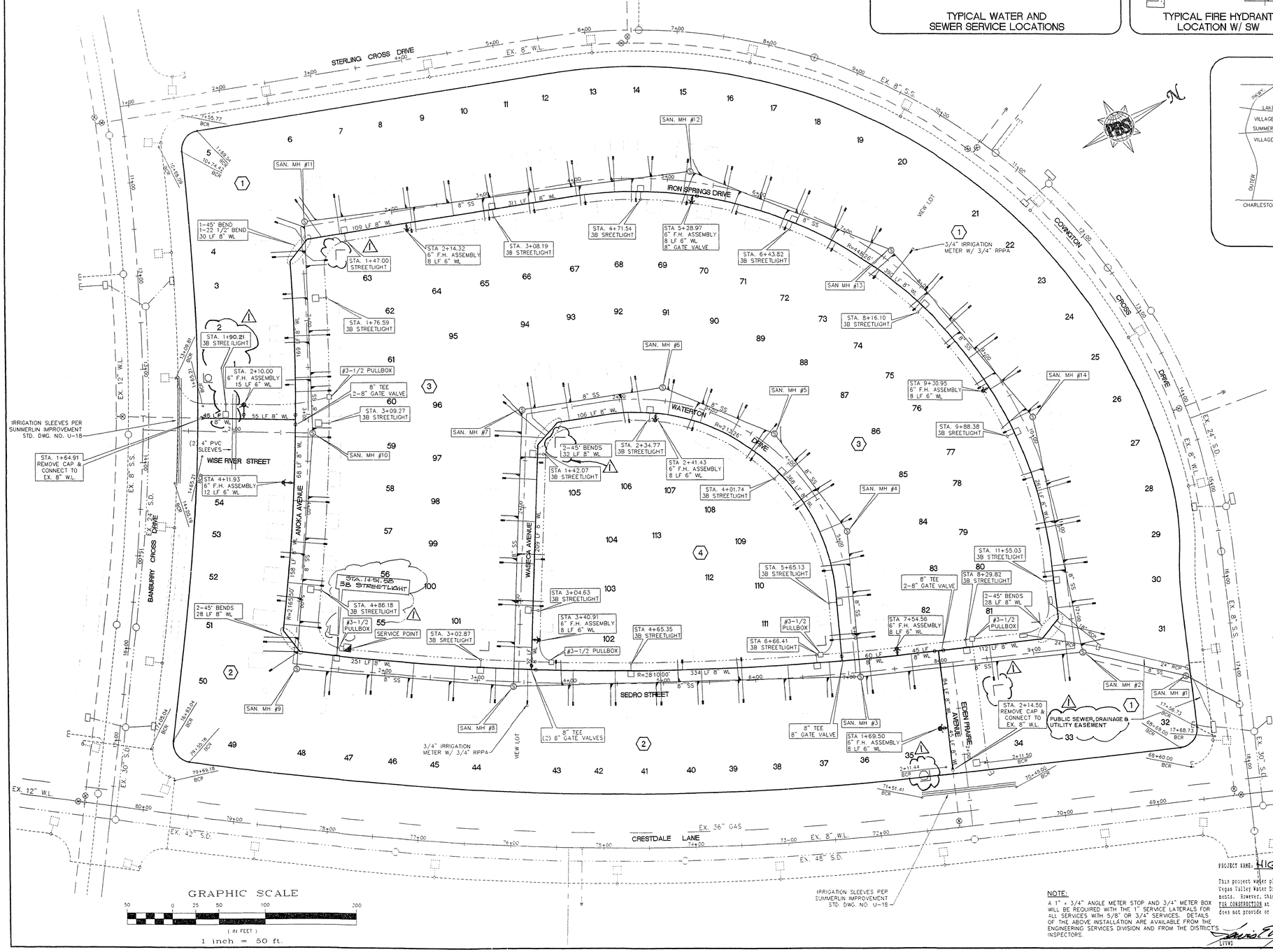
TYPICAL WATER AND SEWER SERVICE LOCATIONS

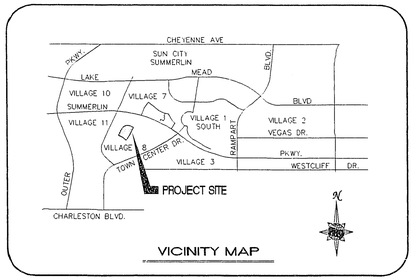


TYPICAL FIRE HYDRANT LOCATION W/ SW



TYPICAL FIRE HYDRANT LOCATION W/O SW





VICINITY MAP

WATER

ITEM	QUANTITY
8" W.L.	3201 LF
6" W.L.	57 LF
8" TEE	4 EA
45° BEND	8 EA
8" GATE VALVE	8 EA
6" F.H. ASSEMBLY (INCLUDES 8"x6" TEE & 6" GATE VALVE)	9 EA
1" SERVICE LATERAL W/ 3/4" METER BOX	115 EA
5/8" METER	113 EA
~~3/4"~~ IRRIGATION METER W/ 3/4" RPPA	2 EA
5/8"	

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

SEWAGE CONTRIBUTION = 0.0283 M.G.D.

BUILDING DATA -- CITY OF LAS VEGAS FIRE DEPARTMENT

TYPE OF CONSTRUCTION - VN MAX. SQ. FT. - 2050

NUMBER OF FLOORS - 1 TO 2

PLANNED USE - SINGLE FAMILY RESIDENTIAL

FIRE RESISTIVE RATING OF SEPARATION WALLS - N/A

AUTOMATIC FIRE SPRINKLER SYSTEM - N/A

FIRE FLOW 1500 GPM AT 20 P.S.I. RESIDUAL

C.L.V. FIRE DEPT. 4-21-95 DATE

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 CLVFD FOR SINGLE FAMILY RESIDENTIAL CONSTRUCTION.

CITY OF LAS VEGAS FIRE DEPARTMENT 4-21-95 DATE

LAS VEGAS VALLEY WATER DISTRICT 5/18/95 DATE

REDUCED PRESSURE PRINCIPLE ASSEMBLY

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE DISTRICT'S STANDARD PLATE No. 11/11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY.

SEE SHEET 2 FOR UTILITY NOTES

NOTE:
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.

PROJECT NAME: HIGHLAND HILLS

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 4/25/95

ENGINEER'S SEAL — DANIEL J. WONDERS CIVIL — No. 7836 — REGISTERED PROFESSIONAL ENGINEER — STATE OF NEVADA — 4/18/95

11-21-137

307Y-4394

No.	REVISIONS	Date	Inst.	Appr.
1	REVISED ST. LIGHT LOCATION AND ADDED ST. STOP SIGNS & EASEMENT	4/25/95	DJW	DTK

POST, BUCKLEY, SCHUH & JERNIGAN
6600 West Charleston Blvd. Suite 140 Las Vegas, Nevada 89102 Telephone: 702/878-6244 Fax: 702/878-7798
ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES

HIGHLAND HILLS

UTILITY PLAN

Job Number	Sheet Number	Drawn by	Checked by	Date	Scale	File No.
7198.700	4 OF 11	DTB	WDP	APRIL 04, 1995	1" = 50'	700IMP

DRAWING: 700-04 PLOT DATE: 04-04-95