

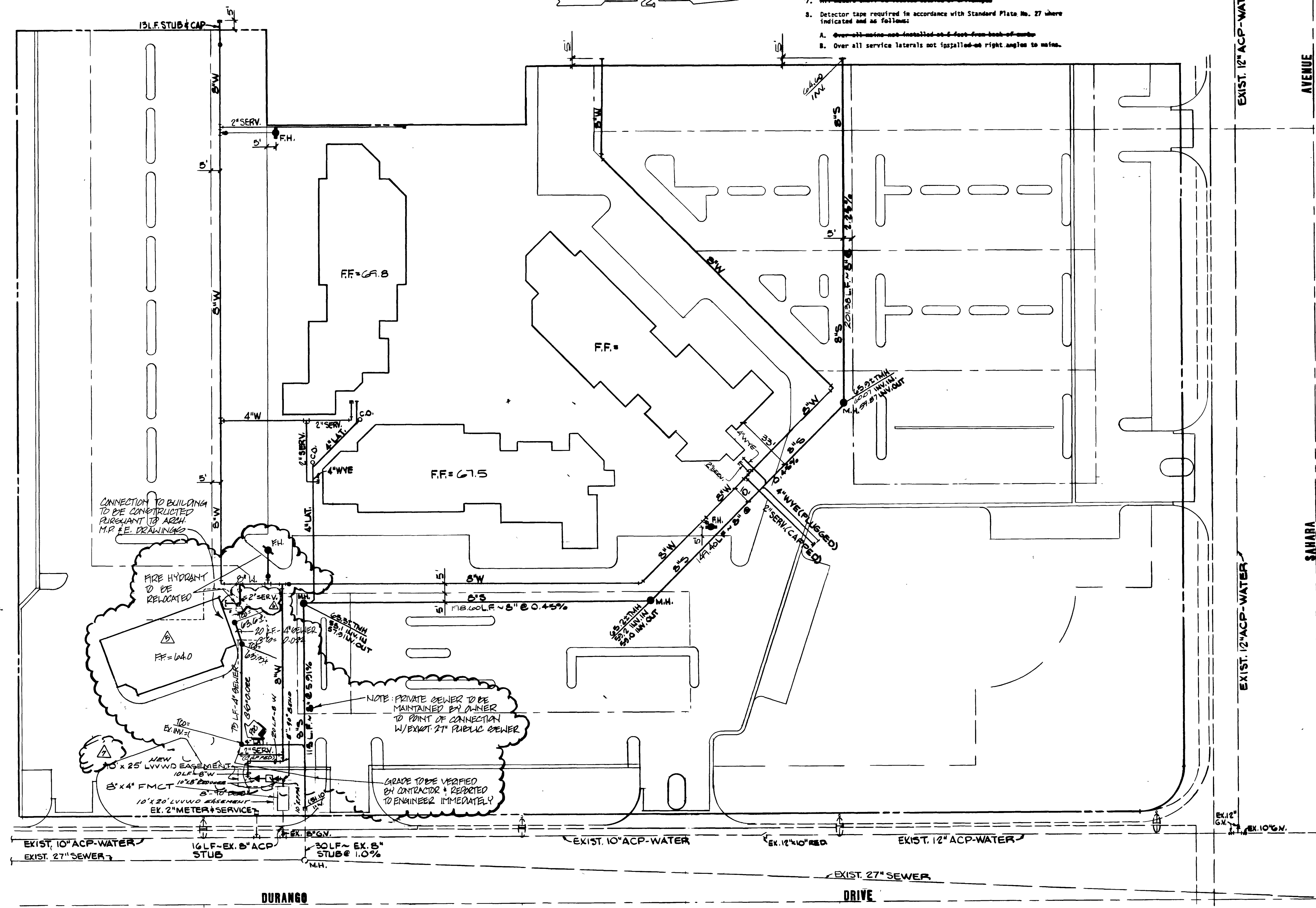
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

CITY OF LAS VEGAS SEWER TRENCH NOTES:

- BACKFILL SHALL BE ANY EXCAVATED IMPORTED OR TRANSPORTED MATERIAL WHICH IS FREE FROM LARGE LUMPS GREATER THAN 6" IN DIAMETER AND FREE OF ORGANIC MATERIAL. BACKFILL SHALL BE COMPACTED BY FLOODING OR TAMPING TO A DENSITY SPECIFIED BY THE SOILS ENGINEER.
- TRENCH NOTES FOR VCP SEWER PIPE ONLY. IF PVC ALTERNATE IS USED, THEN TRENCH BACKFILL TO COMPLY WITH CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM DATED JANUARY 25, 1980.
- BACKFILL TO 12" MINIMUM COVER OVER PIPE WITH SELECTED SAND OR GRAVEL, NO LARGER THAN 2" DIAMETER. BACKFILL TO BE PLACED BY HAND FOR PIPES 27" DIAMETER AND SMALLER.

LAS VEGAS VALLEY WATER DIST. 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 Office 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% 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".
- ***sewer shall be located outside of driveway***
- Detector 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.



SAHARA AVENUE

VICINITY MAP

ESTIMATE OF QUANTITIES:

SEWER:
STANDARD 4" MANHOLE 3 EA.
8" PVC OR VCP SEWER MAIN 604 L.F.
4" PVC OR VCP SEWER LATERAL 300 L.F.
4" CLEAN OUT 2 EA.
4" WYE FOR FUTURE DEVELOPMENT 1 EA.
WATER:
FMCT (8" x 4") 1 EA.
8" ACP WATER MAIN 1025 L.F.
2" ACP SERVICE LINE (6 LOCATIONS) 250 L.F.
8" GATE VALVE 2 EA.

LEGEND:

- FF=6.0 FINISH FLOOR ELEV.
- MH MANHOLE
- EXH. MH EXIST. MANHOLE
- GATE VALVE (SIZE AS SHOWN)
- EXH. GATE VALVE (SIZE AS SHOWN)
- REDUCER (SIZE AS SHOWN)
- EXH. REDUCER (SIZE AS SHOWN)
- 8"W WATER MAIN
- 8"S SEWER MAIN
- FH FIRE HYDRANT

Name of Plan: PLAZA DE LOS LAGOS
Water plan as shown will be acceptable.
It is NOT approved for construction.
David A. Donnelly 10/15/86
LVVWD Date

APPROVALS:

REV	DATE	BY	REVISION
1	5-23-86	DN	Add 10' x 25' LVVWD BASEMENT

[Signature] 11-18-86
C.L.V. CHIEF LAND DEVELOPMENT DATE

[Signature] 11/13/86
C.L.V. ELECTRICAL COORDINATOR DATE
[Signature] N/A
C.L.V. ELECTRICAL SUPERVISOR DATE

[Signature] N/A
C.L.V. SANITATION SUPERVISOR DATE
[Signature] 11/14/86
C.L.V. FIRE MARSHALL DATE

[Signature] 9-11-86
NEVADA POWER COMPANY DATE
[Signature] 11/4/86
LAS VEGAS VALLEY WATER DISTRICT DATE

REVISION
DATE BY
1 7/1/87 GLO HAS-BUILT BUILDINGS
2 2/2/87 MAP ADD 8" x 20" ISLAND TO 2 ENTRANCES
3 11-12-86 SCD SEWER NOTE SEE CITY
4 11-12-86 SCD SEWER NOTE SEE CITY

11/9/86

PROFESSIONAL ENGINEER-STATE OF NEVADA
CHARLEY R. JOHNSON
CIVIL
NO. 3005

UTILITY PLAN
LAKESIDE VILLAGE

PROJECT
CONSULTING ENGINEERS - PLANNERS
2300 PASEO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550