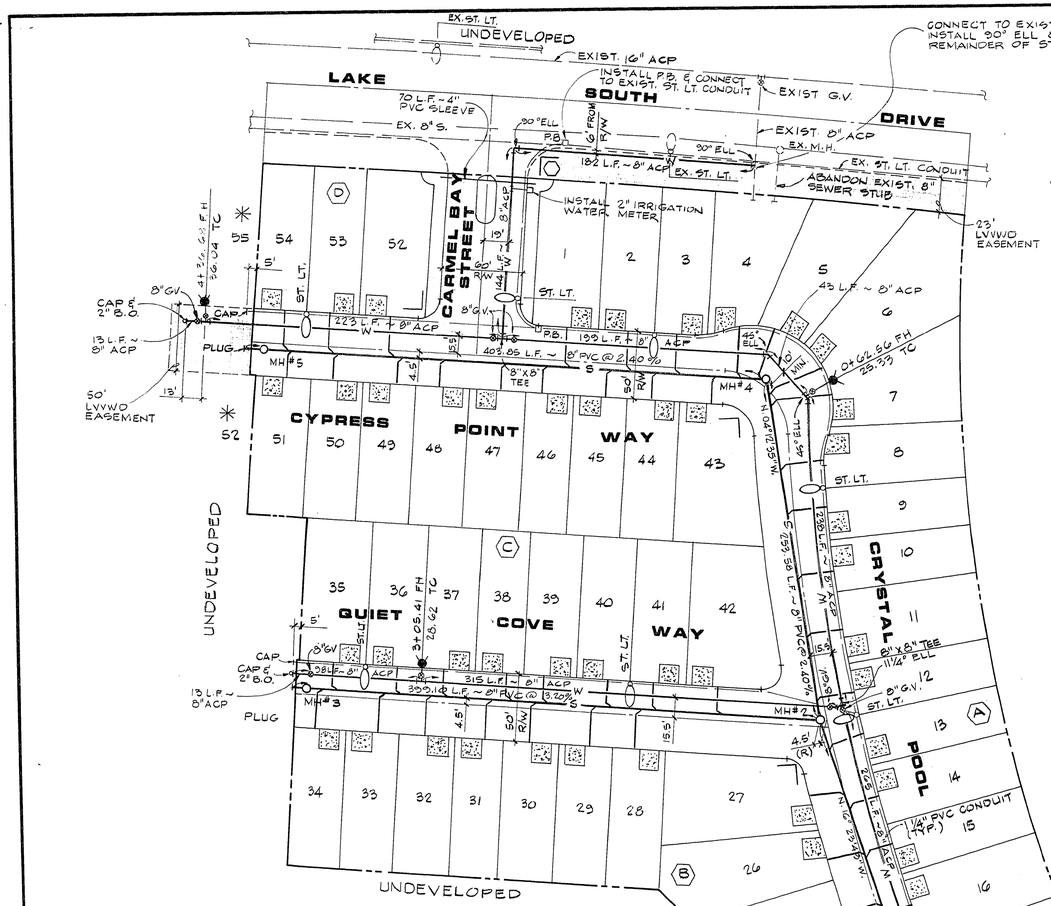
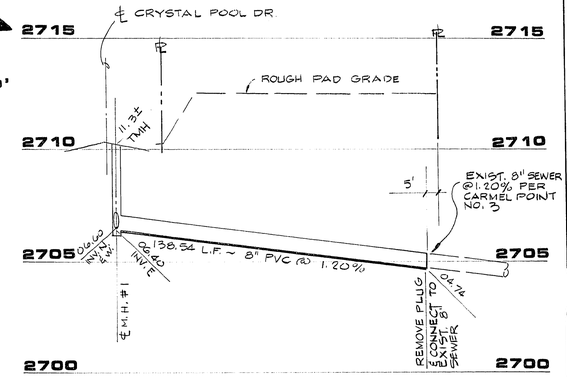
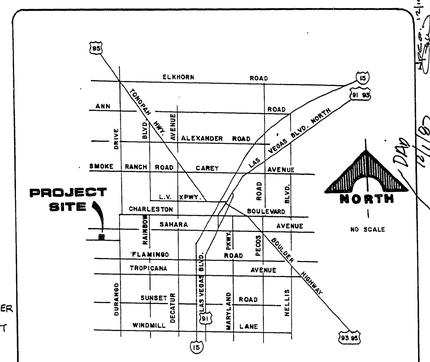


EXISTING CARMEL POINT NO 3 BY LEWIS HOMES



SEWER PROFILE



VICINITY MAP

LEGEND

- FIRE HYDRANT W/6" G.V.
- WATER LINE
- SEWER LINE
- SEWER LATERAL
- GATE VALVE
- REDUCER
- SEWER MANHOLE
- 1 1/4" PVC CONDUIT (ST. LT.)
- 250W HPS MISSION BELL LUM. W/CONCRETE POLE
- 100W HPS MISSION BELL LUM. W/CONCRETE POLE
- NO. 3 1/2 CONCRETE PULL BOX W/METAL COVER
- CONCRETE DRIVEWAY
- STOP SIGN
- 6" STREET SIGN

ESTIMATE OF QUANTITIES

STD. F.H. W/ 6" G.V. & 6" ACP LAT.	4 EA.
8" ACP	1,918 LF.
8" GATE VALVE W/ VALVE BOX & COVER	7 EA.
3/4" WATER SERVICE	55 EA
5/8" METER (INSTALLATION BY L.V.V.W.D.)	55 EA.
METER BOX	55 EA.
2" WATER SERVICE	1 EA
2" METER	1 EA.

WATER NOTES

1. ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
2. 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 OF OFF-SITE IMPROVEMENTS", CLARK COUNTY AREA.
3. NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
4. 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.
5. ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
6. 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 INCHES AND 16 INCHES.
7. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
8. 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.

FIRE DEPARTMENT NOTES

1. FIRE HYDRANTS IN PRIOR TO CONSTRUCTION WITHIN THREE HUNDRED (300) FEET.
2. AUTHORIZED FIRE HYDRANTS FOR THIS PROJECT ARE: KENNEDY GUARDIAN OR MUELLER A-423 CENTURION.
3. CALL THE LAS VEGAS FIRE DEPARTMENT 383-2888 FOR UNDERGROUND INSPECTION, PRESSURE & FLUSH VERIFICATION OF ALL FIRE HYDRANTS & FIRE LINES BEFORE COVERING.

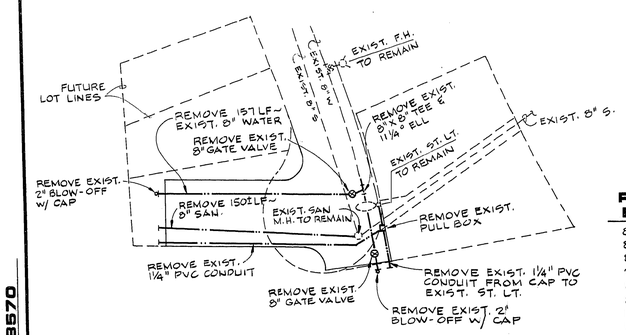
* ALTERNATE 2

CONTRACTOR MAY ELECT TO ABANDON EXISTING UTILITIES, AS SHOWN IN DEMOLITION PLAN, IN LIEU OF REMOVAL OF EXISTING UTILITIES.

IF CONTRACTOR ELECTS ABANDONMENT OF EXISTING UTILITIES IN LIEU OF REMOVAL OF EXISTING UTILITIES, CONTRACTOR SHALL CONFORM TO CITY OF LAS VEGAS STANDARDS REGARDING ABANDONMENT PROCEDURES.

DEMOLITION NOTES

1. CONTRACTOR SHALL PLUG 8" SANITARY @ MANHOLE PRIOR TO REMOVAL OF SANITARY SEWER AS SHOWN.
2. CONTRACTOR SHALL PROVIDE TEMPORARY PLUG ON EXISTING 8" WATER LINE AFTER REMOVAL OF 8" X 8" TEE, IN ORDER TO PROVIDE WATER TO EXISTING SERVICES.
3. CONTRACTOR TO USE EXTREME CARE IN REMOVAL OF EXISTING WATER & EXISTING 11" PVC AS SHOWN TO AVOID ANY DAMAGE TO EXISTING SAN WYES.



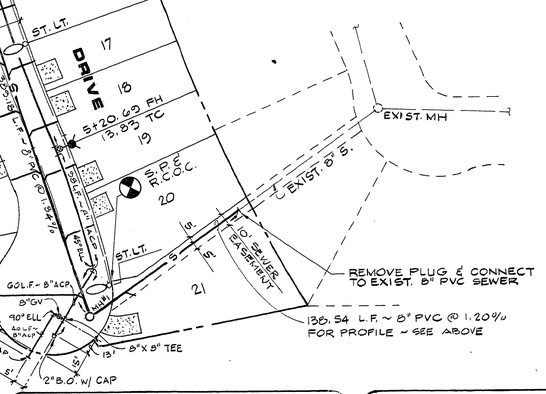
REMOVAL OF EXISTING QUANTITIES

8" SAN. SEWER	150 L.F
8" WATER	157 L.F.
8" GATE VALVE	2 EA.
2" BLOW-OFF W/ CAP	2 EA.
8" x 8" TEE	1 EA
8" x 1 1/4" TEE	1 EA.
1 1/4" PVC CONDUIT	220 L.F.
PULL BOX	1 EA.

ALTERNATE 1

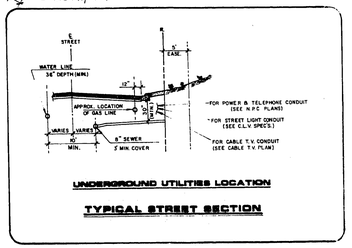
* DEMOLITION PLAN

SCALE 1" = 50'



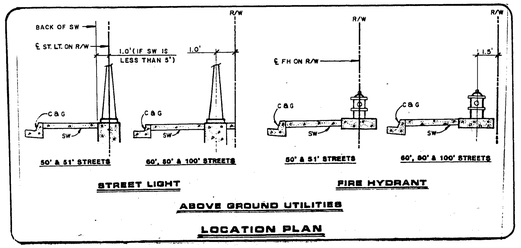
* NOTE:

FOR INSTALLATION OF SERVICE LATERAL ONLY, FOR FUTURE LOTS: LOT 55, BLK. D & LOT 52, BLK. C SERVICE LATERAL SHALL INCLUDE:
- DOUBLE STRAP BRONZE SERVICE SADDLE OR ASBESTOS CEMENT FACTORY-TAPPED COLLAR
- A CORPORATION STOP
- POLYETHYLENE SERVICE LATERAL
- ANGLE METER STOP (A BALL ANGLE METER STOP FOR 3/4" SERVICES)



UNDERGROUND UTILITIES LOCATION

TYPICAL STREET SECTION

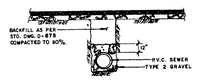


STREET LIGHT

FIRE HYDRANT

ABOVE GROUND UTILITIES

LOCATION PLAN



TYPICAL TRENCH SECTION

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600
UNDERGROUND SERVICE (USA)

APPROVALS

NEVADA POWER COMPANY approves the point of service to the street light system. This shall not be deemed to consent to the placement of the light poles which may be in conflict with Nevada Power Company's prior rights and/or facilities.

(Date) 8/20/87
by: Rich Gabat
NEVADA POWER COMPANY

M Braybrooke 7-21-87
LAS VEGAS VALLEY WATER DISTRICT — DATE

REV.	DATE	DESCRIPTION
1	11/25/87	REV. LAYOUT AT SOUTHEND OF CRYSTAL POOL DRIVE.

R.E. NO. 1815 — 8/8/87 — DATE

G.C. WALLACE, INC.
Engineering/Architecture
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89102

LEWIS HOMES OF NEVADA
CARMEL POINT No. 4 - By LEWIS HOMES

UTILITY PLAN

SHEET 6 OF 11 SHEETS

JOB NO. 5543.8570

9/78 DIETERICH-POST 6532B

22-6-14

307.Y-1029-4