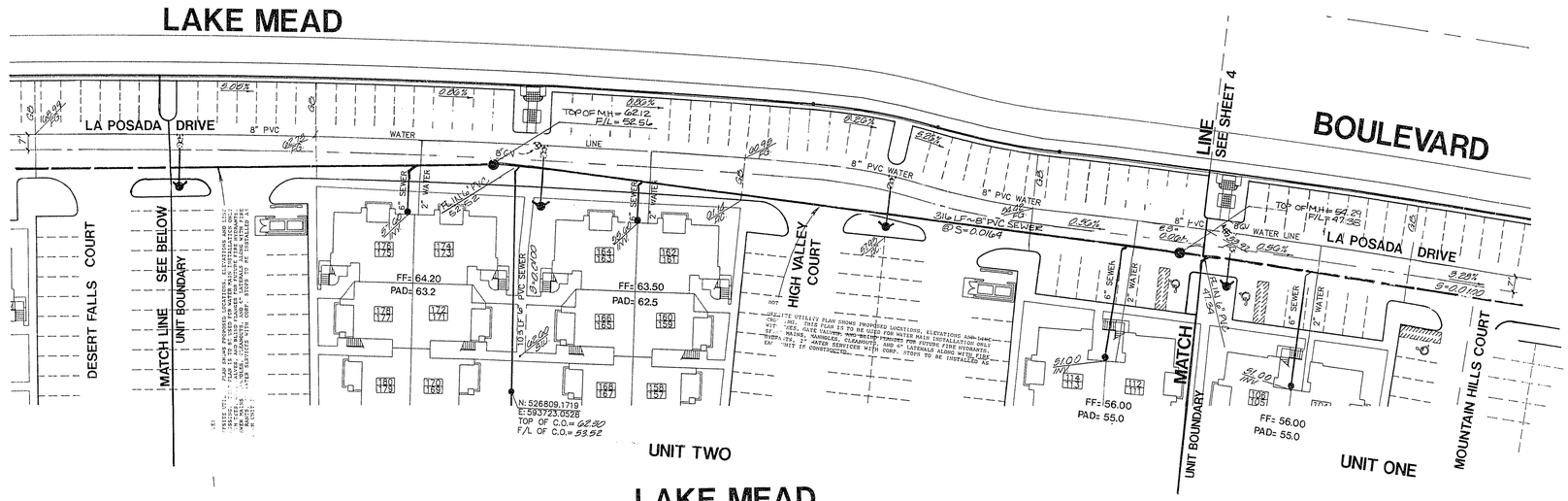
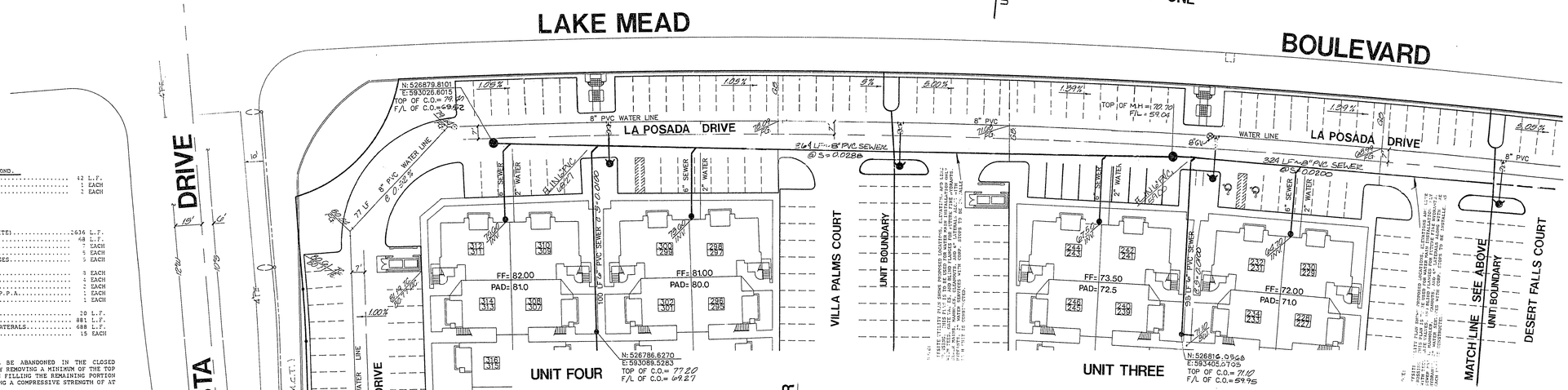
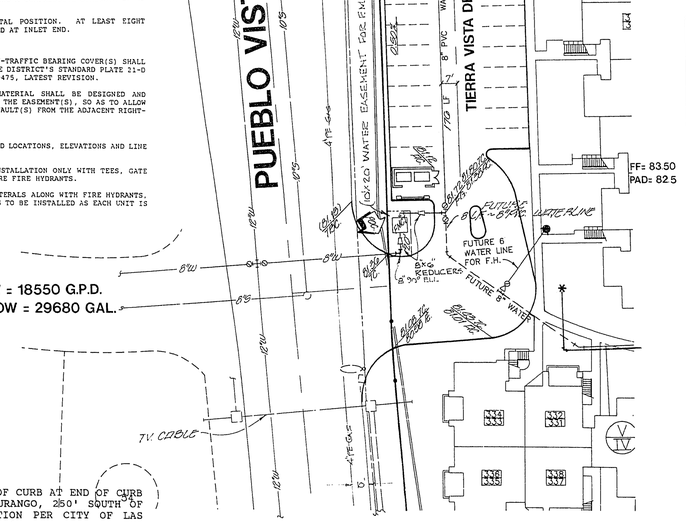
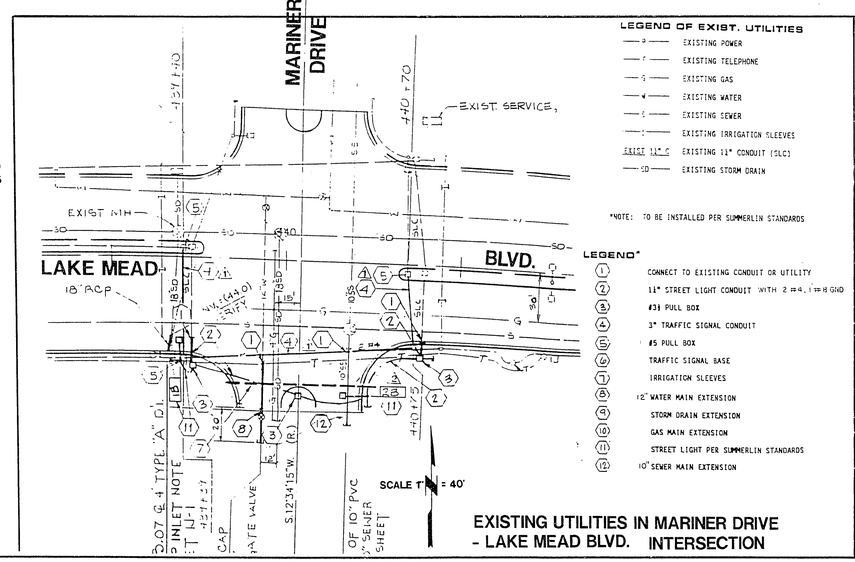
154307









EXISTING UTILITIES IN MARINER DRIVE - LAKE MEAD BLVD. INTERSECTION

QUANTITY ESTIMATE

WATER (IN PUBLIC RIGHT-OF-WAY) FOR BOND.	
8" P.V.C. WATER MAIN	42 L.F.
12" X 8" REDUCER	1 EACH
8" 90° ELL	1 EACH
NO PUBLIC SEWER FOR BOND PURPOSE.	
WATER (PRIVATE SYSTEM)	
8" P.V.C. WATER MAIN (ONSITE & OFFSITE)	2636 L.F.
2" WATER MAIN	68 L.F.
8" GATE VALVE	7 EACH
6" FIRE HYDRANT ASSEMBLY	5 EACH
TEES, 6" GATE VALVES AND BLIND FLANGES (FOR FUTURE FIRE HYDRANTS)	5 EACH
2" WATER SERVICE WITH CORP. STOPS	8 EACH
8" X 6" REDUCER	1 EACH
6" X 3" METERS WITH CONCRETE VAULT	1 EACH
RESET 1" IRRIGATION METER AND 2" R.P.P.A.	1 EACH
ABANDON EXISTING 12" GATE VALVE	1 EACH
SEWER (PRIVATE SYSTEM)	
10" P.V.C. SEWER MAIN	20 L.F.
8" P.V.C. SEWER MAIN	881 L.F.
6" P.V.C. SEWER MAIN AND 6" SEWER LATERALS	688 L.F.
SEWER CLEANOUTS	15 EACH

ABANDONED VALVES

ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

METERS MUST BE SET IN A HORIZONTAL POSITION. AT LEAST EIGHT DIAMETERS OF STRAIGHT PIPE REQUIRED AT INLET END.

INSTALLATION OF METER AND VAULT

THE METER(S) AND VAULT(S) WITH NON-TRAFFIC BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE DISTRICT'S STANDARD PLATE 21-D AND WITH STANDARD VAULT DRAWING G-475, LATEST REVISION.

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

NOTE:

OFFSITE UTILITY PLAN SHOWS PROPOSED LOCATIONS, ELEVATIONS AND LINE CROSSING.

PLAN TO BE USED FOR WATER MAIN INSTALLATION ONLY WITH TEES, GATE VALVES AND BLIND FLANGES FOR FUTURE FIRE HYDRANTS.

SEWER MAINS, CLEANOUTS, AND 6" LATERALS ALONG WITH FIRE HYDRANTS. 2" WATER SERVICES WITH CORP. STOPS TO BE INSTALLED AS EACH UNIT IS CONSTRUCTED.

AVERAGE DAILY FLOW = 18550 G.P.D.
PROJECTED PEAK FLOW = 29680 GAL.

CITY BENCHMARK
CHISELED + IN TOP OF CURB AT END OF CURB ON WEST SIDE OF DURANGO, 250' SOUTH OF WESTCLIFF. ELEVATION PER CITY OF LAS VEGAS DATUM = 2610.16

2 working days before you Dig
1-800-227-2600

NOTE:

4" FIRE STAND PIPE SYSTEM TO PARALLEL 8" WATER SERVICE MAIN IN THE SAME TRENCH.

NO FIRE HYDRANTS ARE TO BE CONNECTED TO THE FIRE STAND PIPE SYSTEM LINE.

THRUST BLOCKS ARE TO BE INSTALLED ON BOTH WATER LINES AS REQUIRED.

LEGEND:

4" STANDARD FIRE HYDRANT ASSEMBLY WITH A 6" X 6" REDUCER.

4" STEEL STAND PIPE WITH EXPOSED FIRE DEPARTMENT INLET CONNECTION, EQUIPPED WITH 6" X 2 1/2" X 2 1/2" INLET CONNECTION POTTER - ROEMER INC. #5875 SERIES OR APPROVED EQUAL.

4" STEEL STAND PIPE WITH EXPOSED FIRE DEPARTMENT OUTLET CONNECTIONS EQUIPPED WITH POTTER ROEMER INC. #5900 SERIES 6" X 2 1/2 2-WAY OR APPROVED EQUAL.

LEGEND OF EXIST. UTILITIES

- EXISTING POWER
- EXISTING TELEPHONE
- EXISTING GAS
- EXISTING WATER
- EXISTING SEWER
- EXISTING IRRIGATION SLEEVES
- EXIST 11" C — EXISTING 11" CONDUIT (SLC)
- EXISTING STORM DRAIN

*NOTE: TO BE INSTALLED PER SUMMERLIN STANDARDS

LEGEND*

1. CONNECT TO EXISTING CONDUIT OR UTILITY
2. 11" STREET LIGHT CONDUIT WITH 2 #4, 1 #8 GND
3. #31 PULL BOX
4. 3" TRAFFIC SIGNAL CONDUIT
5. #5 PULL BOX
6. TRAFFIC SIGNAL BASE
7. IRRIGATION SLEEVES
8. 12" WATER MAIN EXTENSION
9. STORM DRAIN EXTENSION
10. GAS MAIN EXTENSION
11. STREET LIGHT PER SUMMERLIN STANDARDS
12. 10" SEWER MAIN EXTENSION

APPROVALS:

David Sorenson 3/16/93
CITY OF LAS VEGAS FIRE MARSHALL — DATE

Laura B. Jackson 3/18/93
LAS VEGAS VALLEY WATER DISTRICT — DATE

Nita M. Dollins 2/22/93
NEVADA POWER COMPANY — DATE

NEVADA POWER COMPANY APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION.

REV	DATE	BY	REVISION
1	5-18-93	E.E.B.	REVISED STREET NAMES KW 6-21-93
2	3-16-93	JEEP	ADDED 8" PVC DRY WATER LINE AND STAMPED TYPES

CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89102-5148 PHONE (702) 873-7550 FAX (702) 362-2597

PLASTER DEVELOPMENT
CITY OF LAS VEGAS
vtn nevada

TITLE: OFFSITE UTILITY PLAN
PROJECT: LA POSADA AT SUMMERLIN UNIT 1

SEAL: REGISTERED PROFESSIONAL ENGINEER — NEVADA — No. 6013 — 1-13-93

WO NO.	4349-1
BY	EEB/KFN
DATE	NOV.,'92
SCALE	1"= 30'
SHEET	5 OF 6 SHEETS

10-27-21

3074-4251-1