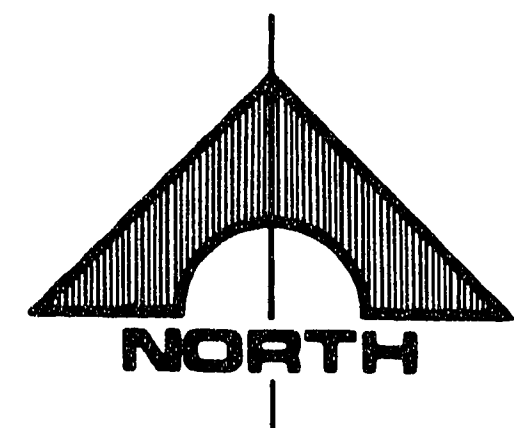
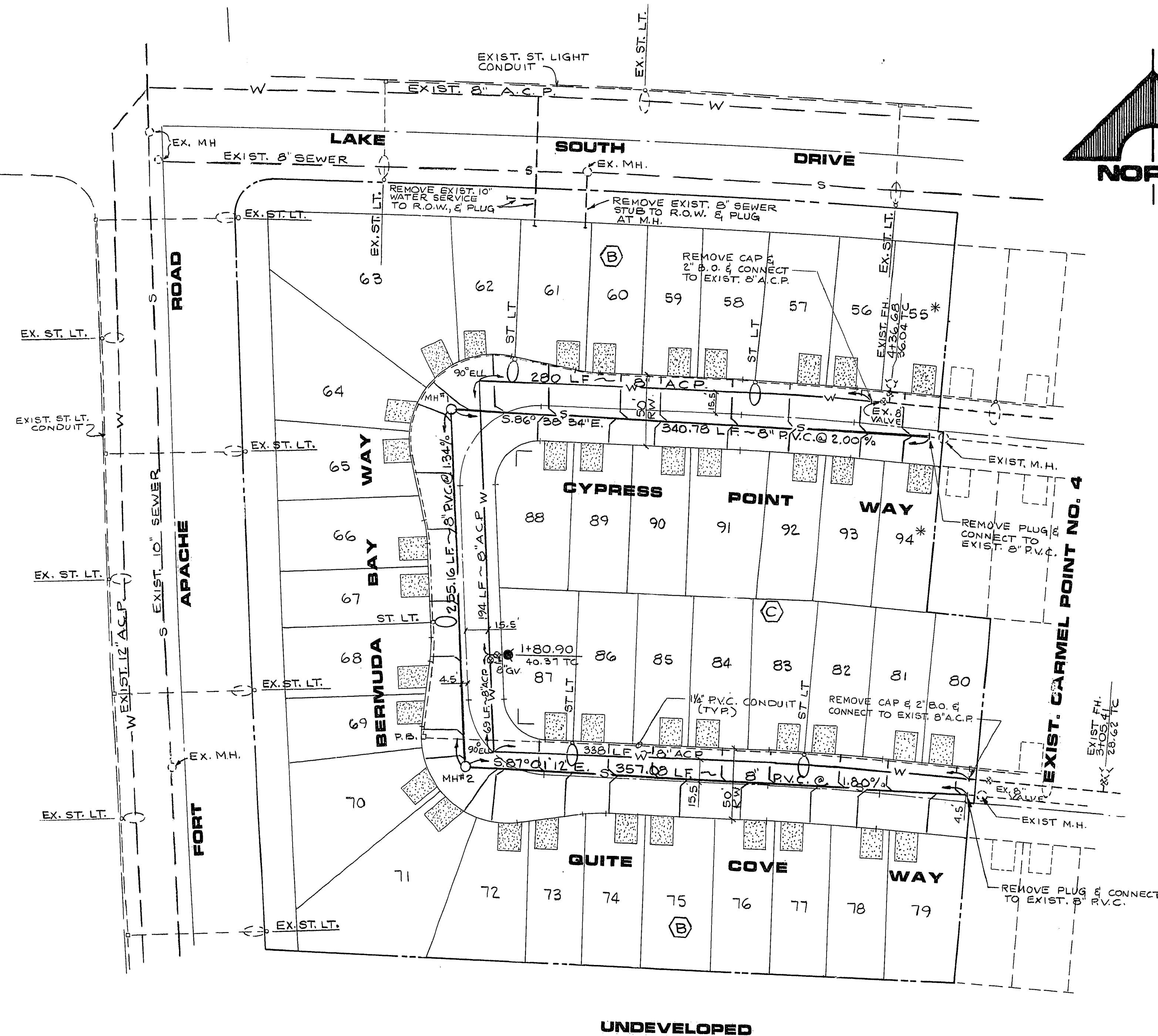




* NOTE:
WATER SERVICE LATERALS FOR LOT 55
BLK. B & LOT 94, BLK. C WERE INSTALLED
W/ L.H. CARMEL POINT NO. 4.

FIRE DEPARTMENT NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS" AND "HYDRANT INSTALLATION SPECIFICATIONS".
- AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
A - KENNEDY GUARDIAN
B - MUELLER A-423 CENTURIAN
- ON ANY NEW HOME OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
- CONTRACTOR SHALL PLACE A GREEN REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANTS.
- CALL THE LAS VEGAS FIRE DEPARTMENT AT 383-2888 FOR UNDERGROUND INSPECTION, PRESSURE AND FLUSH VERIFICATION AT ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
- PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER THE "HYDRANT INSTALLATION SPECIFICATIONS" SHALL BE COMPLETED BEFORE APPROVAL OF THE HYDRANTS BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- LAS VEGAS VALLEY WATER DISTRICT TO DETERMINE THAT HYDRANTS ARE CONNECTED TO A WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW.

LAS VEGAS FIRE DEPARTMENT

Fire Flow Requirements is 1500 gallons per minute at 20 pounds per square inch residual.

Based on:
Square Footage 1990
Largest area between area separation walls
Height TWO STORY
Type of Construction TYPE 5
Exposures 10' MIN.
Sprinkler System NONE
Occupancy SINGLE FAMILY
Roof Construction CONCRETE TILE

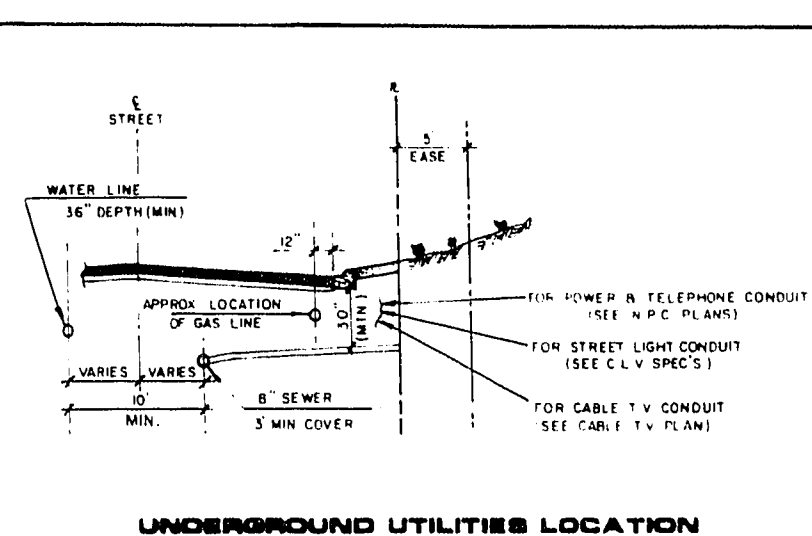
ESTIMATE OF QUANTITIES

WATER QUANTITIES

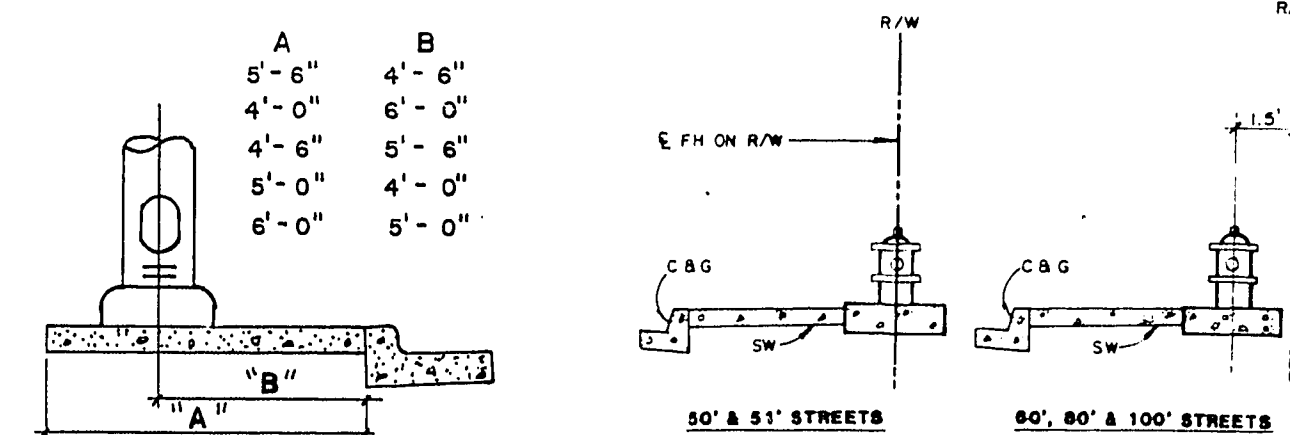
STD. FH. W/6" G.V. & 6" A.C.P. LAT.	1 EA.
8" A.C.P.	88 LF.
8" GATE VALVE W/VALVE BOX & COVER	1 EA.
3/4" WATER SERVICE	40 EA.
5/8" METER (INSTALLATION BY L.V.V.W.D.)	40 EA.
METER BOX	40 EA.
CONNECT TO EXIST. 8" WATER	2 EA.
REMOVE EXIST. 10" WATER	50 LF.

TRAFFIC SIGN QUANTITIES

6" D-3 STREET NAME SIGN	2 EA.
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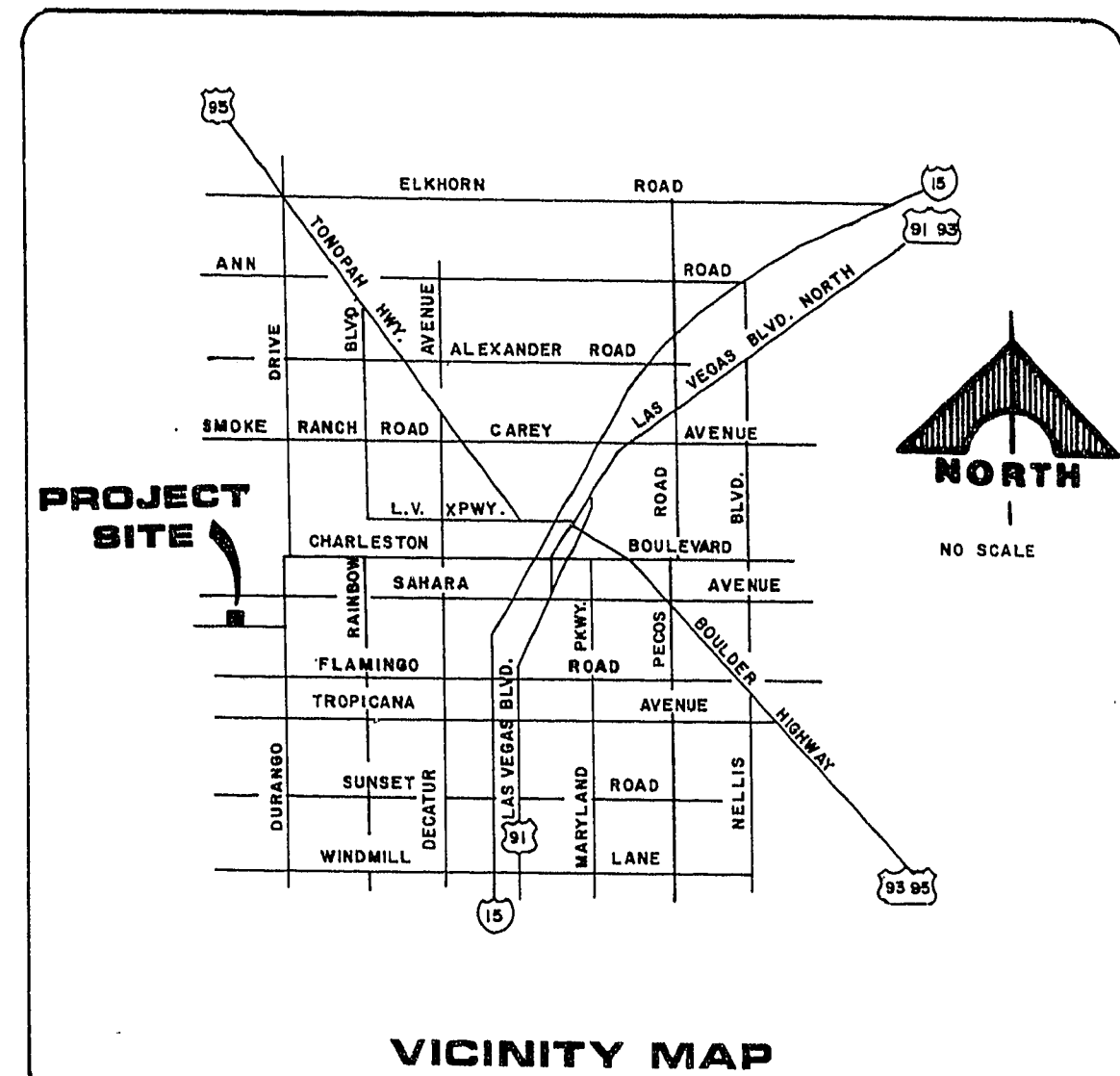


UNDERGROUND UTILITIES LOCATION



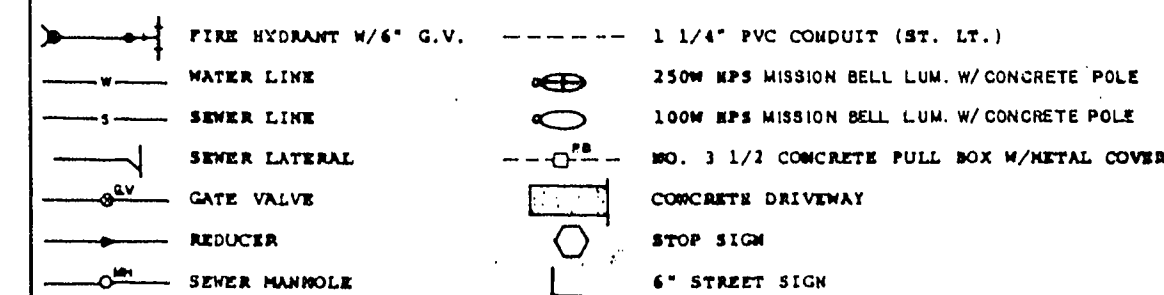
ABOVE GROUND UTILITIES

LOCATION PLAN



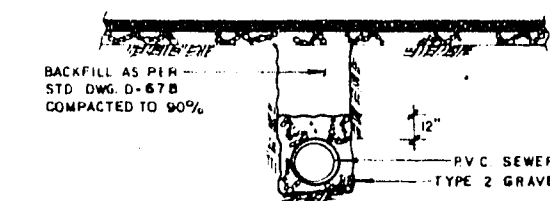
VICINITY MAP

LEGEND



WATER NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PRACTICES.
- ALL WORK, EXCEPT AS NOTIFIED HEREON OR BY NOTE NO. 1, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS", CLARK COUNTY AREA.
- NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- SERVICE SAMPLES ON TAPPED COLLARS WILL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SAMPLES ONLY WILL BE FORMITTED 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 2-1/2 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.
- ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
- DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PRACTICE 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.



TYPICAL TRENCH SECTION

Call before you Dig.

1-800-227-2600

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)
by NEVADA POWER COMPANY

Las Vegas Valley Water District
CLV FIRE DEPARTMENT

3/1/88
DATE
5/10/88
DATE

G.C. WALLACE, INC.
Engineering/Architecture

LEWIS HOMES OF NEVADA
CARMEL POINT No. 5 By LEWIS HOMES

UTILITY PLAN

SHEET

7

OF 11 SHEETS

22-605

3074-1029-5