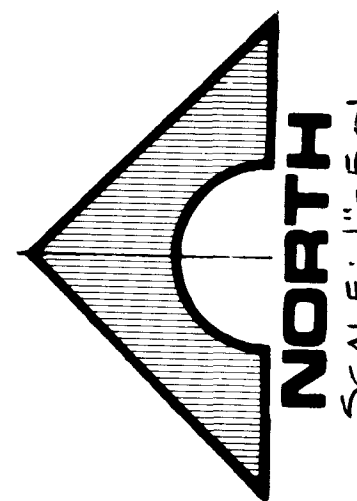
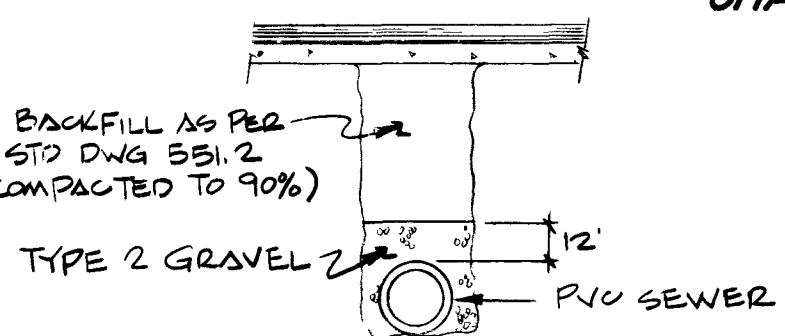
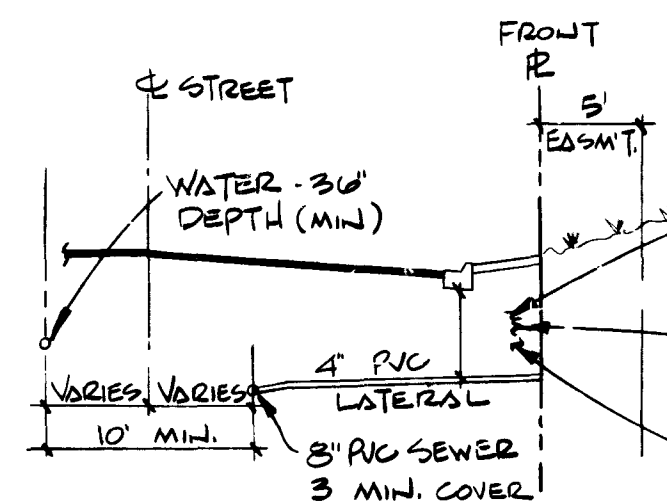




EXISTING CHARLESTON-RAINBOW UNIT 6D



TYPICAL TRENCH SECTION



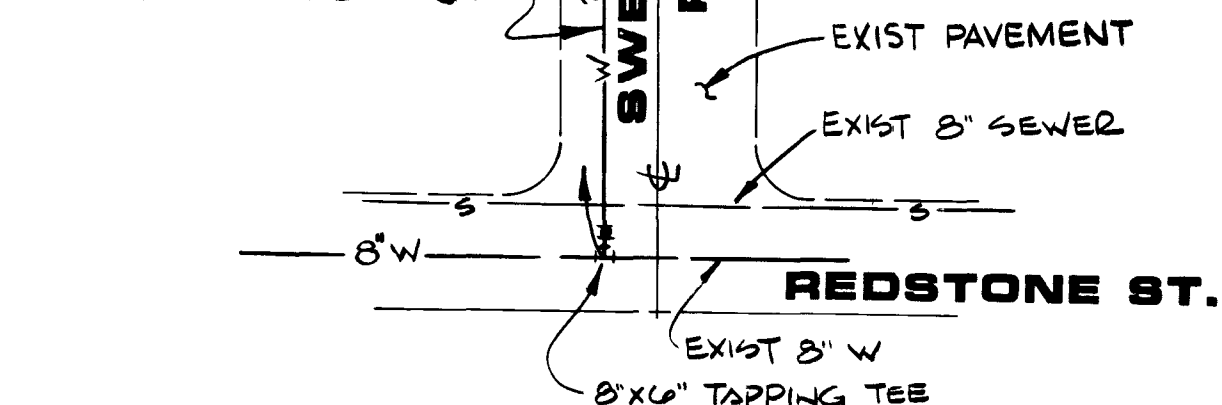
TYPICAL STREET SECTION

EXISTING CHARLESTON-RAINBOW UNIT 6A WATER NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PRACTICES.
- 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 OFFSHORE 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.
- 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 TAPES REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED AND AS FOLLOWS:
 - OVER ALL MAINS NOT INSTALLED AT 4 FEET FROM BACK OF CURB.
 - OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS

FIRE DEPARTMENT NOTES

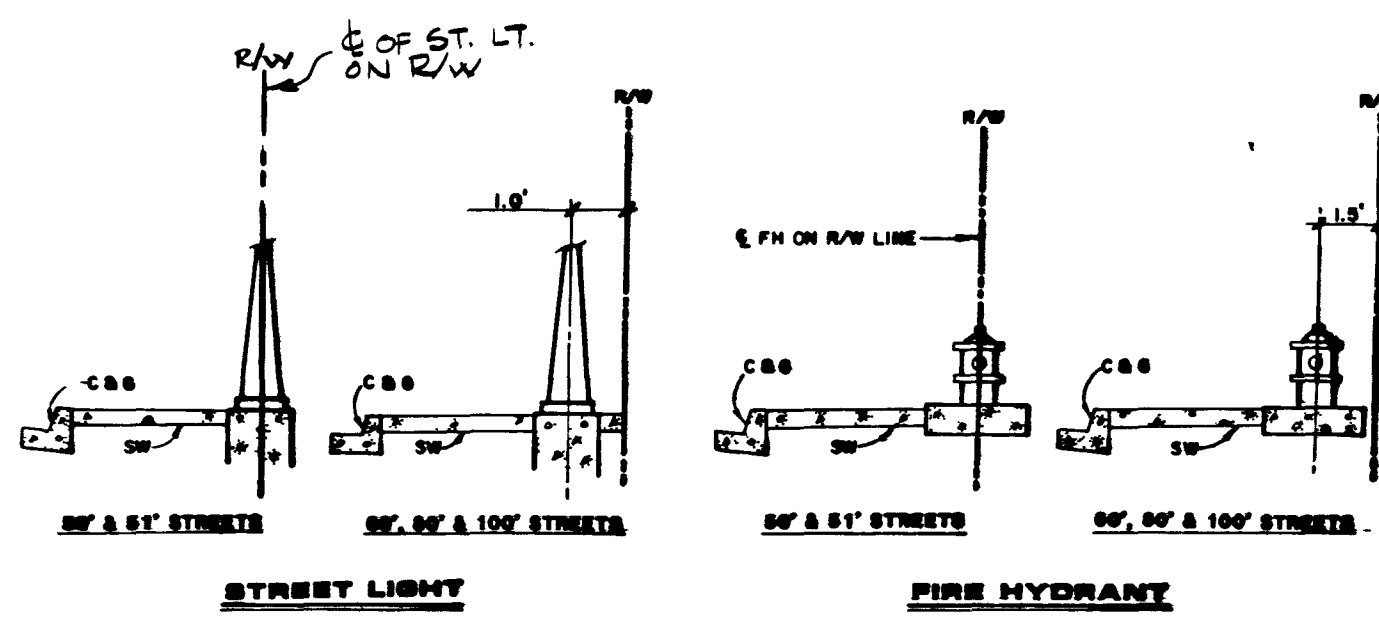
- FIRE HYDRANTS IN PRIOR TO CONSTRUCTION WITHIN THREE HUNDRED (300) FEET OF ALL CONSTRUCTION PER LAS VEGAS FIRE DEPARTMENT.
- LAS VEGAS VALLEY WATER DISTRICT TO DETERMINE THAT HYDRANTS ARE CONNECTED TO A WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW.
- AUTHORIZED FIRE HYDRANTS FOR THIS PROJECT ARE: KENNEDY GUARDIAN OR MUELLER A-423 CENTURION.

WATER TO BE
CONVERT. UNDER
EXIST. AC PAVEMENT

STREET LIGHT NOTE

"Street lights on Alta Drive not to be installed until NPC adjusts the 12KV overhead line to meet NESC clearance."

STREET LIGHTS ON RAINBOW BLVD. TO BE 250 WATT H.P.S. WITH 12' ARM AND BREAKAWAY BASE.



STREET LIGHT
ABOVE GROUND UTILITIES
LOCATION PLAN

LEGEND

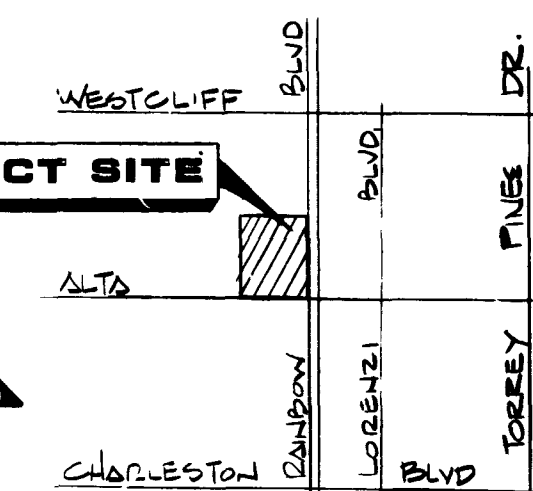
- W — WATER LINE
- S — SEWER LINE
- MH — SEWER MANHOLE
- G — GATE VALVE
- R — REDUCER
- F — FIRE HYDRANT W/6" GATE VALVE
- L — SEWER LATERAL
- 100 W. HPS LUMINAIRE W/11 GA. POLE
- 250 W. HPS LUMINAIRE W/11 GA. POLE
- 250 W. HPS LUMINAIRE W/12 GA. POLE W/12' ARM AND BREAKAWAY BASE
- 1-1/4" PVC
- NO. 3-1/2 CONCRETE PULL BOX W/METAL COVER
- DRIVEWAY
- STREET NAME SIGN
- STOP SIGN
- SERVICE POINT

ESTIMATE OF QUANTITIES

STD. F.H. W/6" G.V. & 6" A.C.P. LAT.	6 EA.
10" A.C.P.	155 L.F.
8" A.C.P.	13 L.F.
6" A.C.P.	2646 L.F.
4" A.C.P.	391 L.F.
8" GATE VALVE W/VALVE BOX & COVER	1 EA.
6" GATE VALVE W/VALVE BOX & COVER	5 EA.
3/4" WATER SERVICES	117 EA.
METER BOX	117 EA.
5/8" METER (BY LVWD)	117 EA.
8" x 6" TAPPING TEE W/6" GATE VALVE	1 EA.



PROJECT SITE



VICINITY MAP

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.

4/10/84
(Date)
by: *Steve Bolander*
NEVADA POWER COMPANY

APPROVALS:

Steve Bolander
LAS VEGAS VALLEY WATER DISTRICT
CLV CHIEF, LAND DEVELOPMENT AND FLOOD CONTROL

5-9-84

DATE

4/17/84

DATE

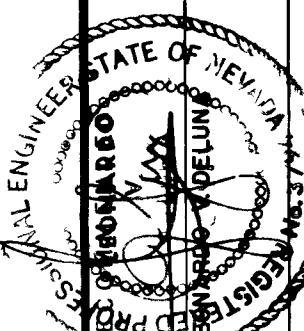
SHEET

5

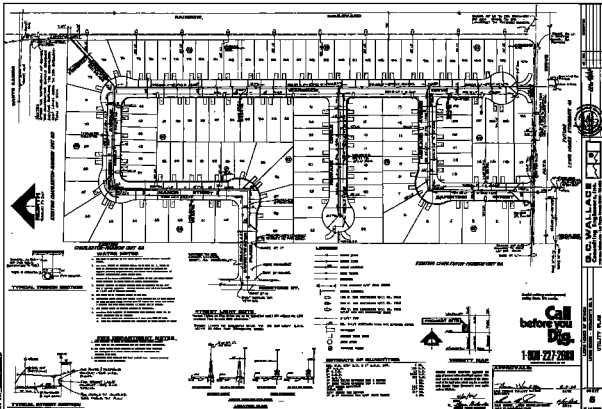
OF 10 SHEETS

LEWIS HOMES OF NEVADA
LEWIS HOMES - STONEGATE NO. 3
UTILITY PLAN

G.C. WALLACE
Consulting Engineers, Inc.
1100 East Sahara Ave. • Las Vegas, Nevada 89104 • 732-3300



FUTURE
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