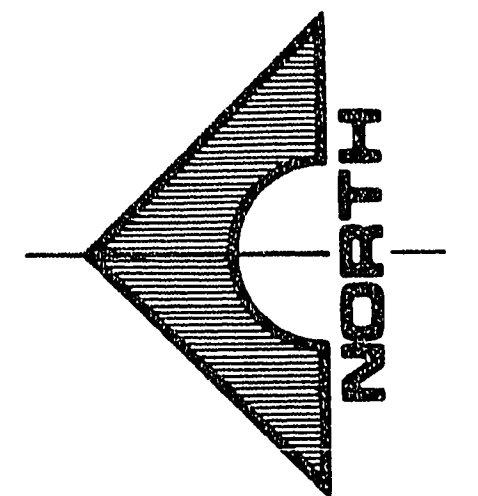
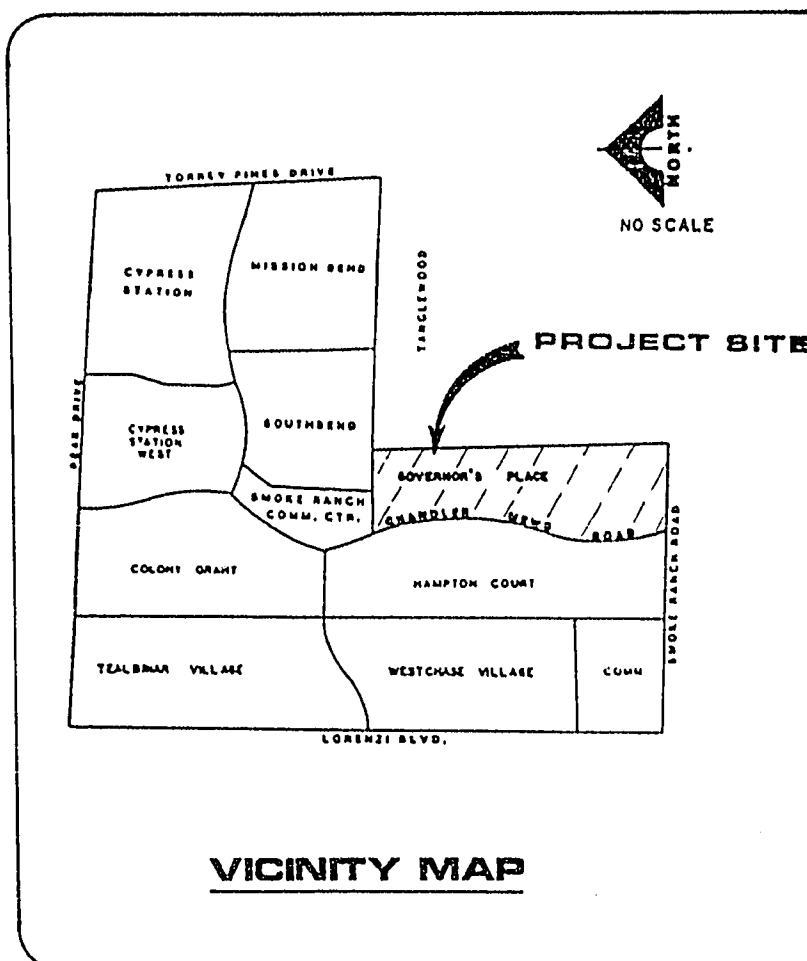


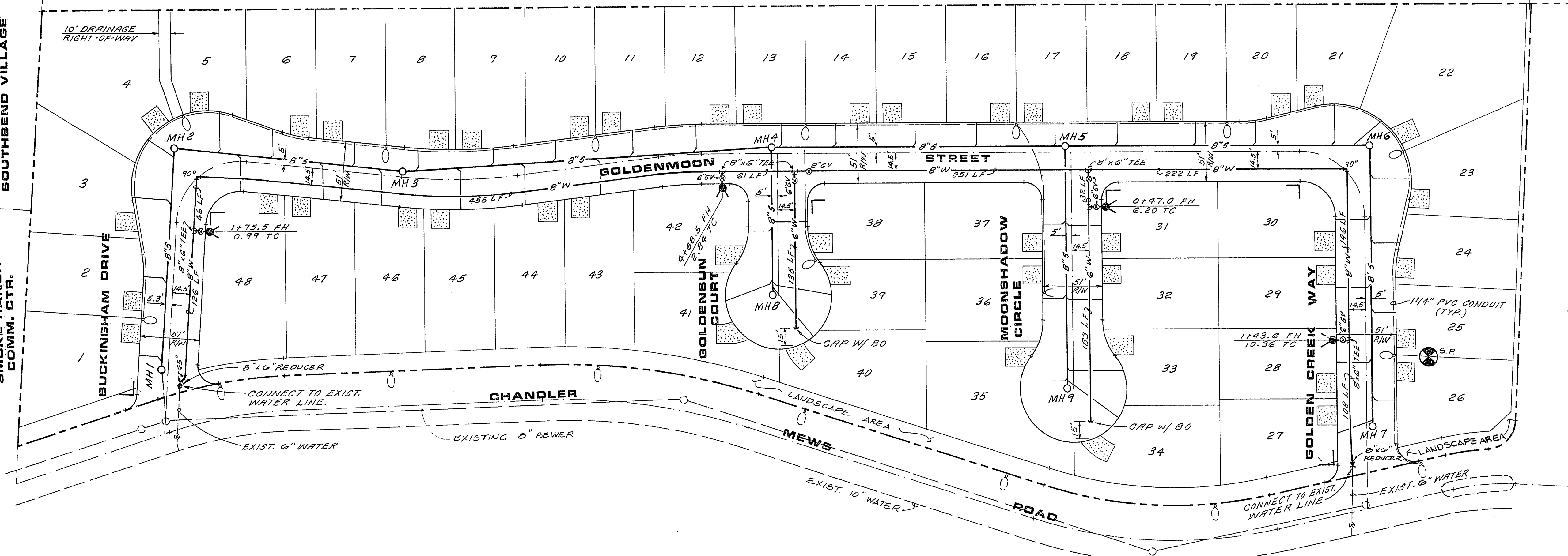
TANGLEWOOD



SCALE: 1" = 50'



VICINITY MAP



MANHOLE COORDINATES

NO.	NORTH	EAST
1	6194.5507	6028.9393
2	6187.7784	6212.1455
3	5990.6395	6198.3602
4	5875.2028	6227.2774
5	5424.3458	6235.7497
6	5163.4945	6244.5596
7	5155.3931	6004.6964
8	5670.9565	6101.5569
9	5417.3890	6029.7759

ESTIMATE OF WATER QUANTITIES

6" WATER LINE	350 L.F.
8" WATER LINE	1,423 L.F.
6" GATE VALVE	2 EA.
8" GATE VALVE	1 EA.
STD. F.H. W/ 6" GV & 6" LATERAL	4 EA.
3/4" WATER SERVICE	48 EA.
5/8" WATER METER (INSTALLATION BY LVVWD)	48 EA.
METER BOX	48 EA.
2" BLOW-OFF ASSEMBLY	2 EA.

WATER NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
- 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.
- 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 WILL ONLY BE PERMITTED ON 1" AND 2" SERVICE LATERALS, DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
- ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
- DEFLECTION ANGLE SHALL NOT EXCEED 21 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 PLATE NO. 27 WERE 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.

LAS VEGAS FIRE DEPARTMENT

Fire Flow Requirements is 1,900 gallons per minute at 20 pounds per square inch residual.

Based on:
 Square footage 3,800 S.F.
 Largest area between area separation walls
 Height TWO STORY
 Type of Construction TYPE 5
 Exposures 10' MIN.
 Sprinkler System NO
 Occupancy SINGLE FAMILY
 Roof Construction CONCRETE TILE

FIRE DEPARTMENT NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS" AND ORDINANCE #3318.
- AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - A - KENNEDY GUARDIAN
 - B - MUELLER A-423 CENTURIAN
 - C - GLOW MODEL 2546 MEDALLION
- 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 OF ALL ON-SITE 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 ORDINANCE #3318 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR WATER LINE AND FIRE HYDRANT INSTALLATIONS ON THE PRIVATE SIDE OF THE METER.
- A FLOW TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT FOR VERIFICATION OF ON-SITE WATER SUPPLY.
- ALL ON-SITE FIRE MAIN MATERIAL MUST BE U.L. LISTED AND F.M. APPROVED.
- FIRE HYDRANT SPACING:
 - RESIDENTIAL - 600 FT. MAXIMUM
 - COMMERCIAL, INCLUDING MULTI-FAMILY - 500 FT. MAXIMUM
- FIRE HYDRANTS SHALL BE LOCATED WITHIN 500 FT. OF ANY CONSTRUCTION OR COMBUSTIBLE OPEN STORAGE.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20 FT. OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6 FT. OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
- ENSURE THAT FIRE HYDRANTS ARE CONNECTED TO A DEPENDABLE WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW.

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.

02-23-89
 (Date)
 by *John P. de Guzman*
 NEVADA POWER COMPANY

Shane L. Miller 2/23/89
 LAS VEGAS VALLEY WATER DISTRICT DATE

William J. Huddle 2/23/89
 C.L.V. FIRE DEPARTMENT DATE

METROPOLITAN DEVELOPMENT COMPANY
 GOVERNOR'S PLACE
 UTILITY PLAN

SHEET
 5

OF 12 SHEETS

307X 4032

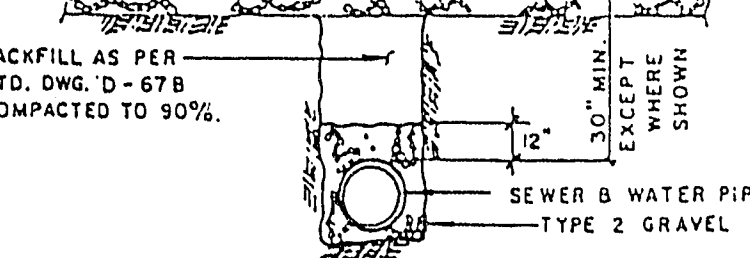
G.C. WALLACE, INC.
 Engineering/Architecture

1535 SOUTH RAINBOW ROAD, LAS VEGAS, NEVADA 89102

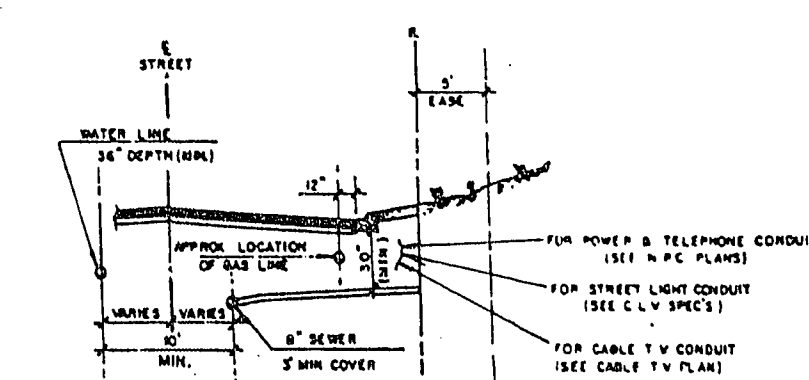
RECOMMENDED
David B. Huddle
 DAVID B. HUDDELE

DESCRIPTION
 REV. DATE
 6-8-89
 9-7-91
 2-11-89
 5256
 R.E. NO. DATE

NO SCALE
 PROJECT SITE



TYPICAL TRENCH SECTION



UNDERGROUND UTILITIES LOCATION
TYPICAL STREET SECTION