LAS VEGAS FIRE DEPARTMENT

Fire Flow Requirement 1,500 gallons per minute at 20 pounds per square inch residual.

Based on:

Square footage 1,839

Largest area between area separation walls

Height

Type of Constr. V-N

Exposures

Sprinkler System N/A

Occupancy SINGLE FAMILY

Roof Constr. TILE

Reviewed By:

Date:

FIRE DEPT.

1 All work shall be done in strict accordance with the City of Las Vegas Fire Department "Hydrant Specifications", "Hydrant Installation Specifications" and Ordinance #3318

2 Authorized hydrants for this project are:
A Kennedy Guardian
B Mueller A 423 Centurian
C - Clow Model 2546 Medallion

3 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

4 Contractor shall place a green reflective marker at center-line of street adjacent to fire hydrants.

5 Call the Las Vegas Fire Department at 383-2888 for underground inspection, pressure and flush verification of all Private fire hydrants and fire lines before covering

6 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

7 A permit is required from the Fire Department for water line and fire hydrant installations on the private side of the meter

8 A flow test must be witnessed by the Fire Department for verification of on site water supply

9 All on-site fire main materials must be U.L listed and F.M. approved

10 Fire hydrant spacing
Residential 500 ft Maximum
Commercial, including multi-family - 500 ft Maximum

Fire hydrants shall be located within 500 ft of any construction or combustible open storage

11 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.

12 No fire hydrant shall be located within 6 ft of any curb return, driveway, power pole, street light or any other obstruction.

13 Ensure that fire hydrants are connected to a dependable water supply capable of supplying the required fire flow.

L.V.V.W.D.

1 ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT LATEST STANDARD PLATES AND SPECIFICATIONS.

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 OFFSITE 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" AND 16".

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.

9 CALL BEFORE YOU DIG - 1-800-227-2600.

10 SERVICE LATERALS FOR LOTS WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT

SEWER

1 ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED

2 CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB

3 POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL

4 ALL MANHOLES IN PAVED STREETS 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS

5 TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA SIZE CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES

△ 1. SEWER MAIN CROSSING OVER A WATER MAIN ON GRADE THAN 18" WHERE A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED FOR A DISTANCE NOT LESS THAN 18 TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN

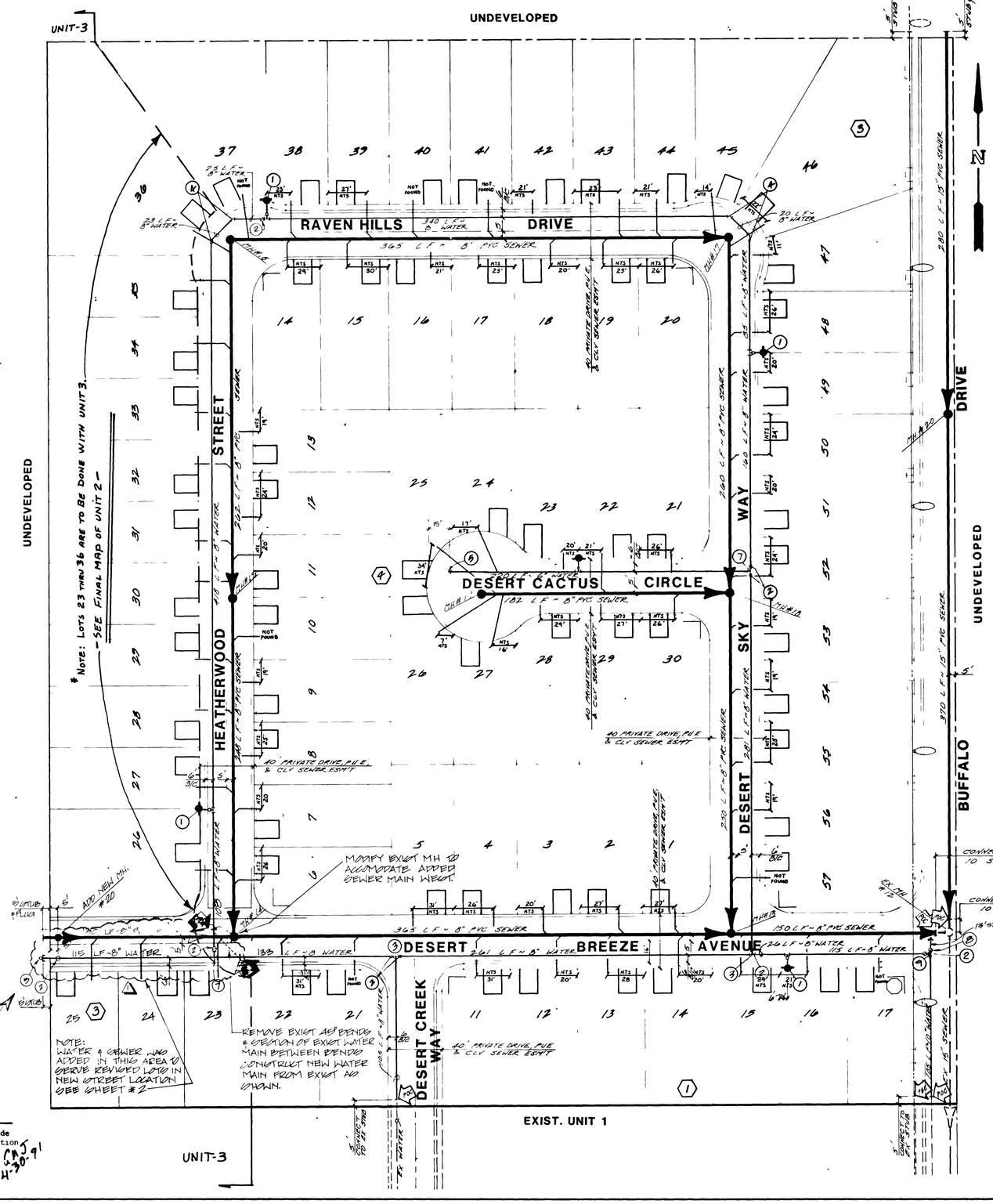
STREETLIGHTS

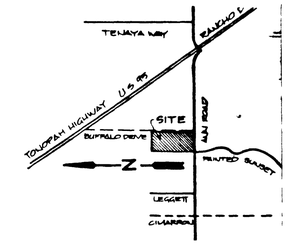
1 ALL STREET LIGHT INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.

A water commitment will not be made through the approval and installation of the valved outlets and stubs.

CMJ 10-30-91
4-7-90

SEWER LATERALS AS-BUILTS





VICINITY MAP

* QUANTITIES REVISED

QUANTITY ESTIMATE

WATER

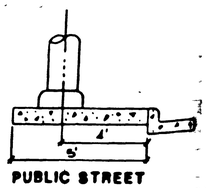
1	FIRE HYDRANT & ASSY	5 EA
2	8" GATE VALVE	9 EA. *
B	10" GATE VALVE	1 EA
3	8" TEE	2 EA
a	10"x8" TEE	1 EA.
4	8" 45° BEND	4 EA *
5	2" BO	3 EA *
6	8" 90° BEND	1 EA.
7	8"x6" TEE	2 EA. *
	6" WATER MAIN	320 LF
	10" WATER MAIN	118 LF
	8" WATER MAIN	2,231 LF *
	3/4" SERVICE W/ 5/8" METER	74 EA

SEWER

●	STANDARD MANHOLE	9 EA *
	SERVICE W/TEE	74 EA
	8" PVC SEWER	2,227 LF *
	4" SERVICE LATERAL	2,017 LF

STREETLIGHT & MISC.

	100 WATT LUMINAIRE	4 EA
	1½" PVC CONDUIT	780 LF
	STREET NAME SIGN	7 EA
	STOP SIGN	1 EA
	TYPICAL DRIVEWAY LOCATION	
POC	POINT OF CONNECTION	



PUBLIC STREET STREETLIGHT LOCATION DETAIL

APPROVAL

LAS VEGAS VALLEY WATER DISTRICT	DATE 11-9-87
NEVADA POWER (Greg Fry)	DATE 9-25-89
CLV FIRE MARSHALL	DATE 11/8/89

THIS NEVADA POWER COMPANY APPROVAL IS STREET LIGHT CLEARANCES ONLY.

SEWER LATERAL "AS-BUILT" EXCEPT LOCATION

BYRON E. JOHNSON, P.L.S.
NEVADA CERT. NO.: 9390

10/8/91

9/12/89

REV	DATE	BY	REVISION
△	10/27/90	WJR	REV UTILITIES ON DESERT BREEZE AVE. & QUANTITIES
	4-30-91		

HONVEST CORP.
LAS VEGAS, NEVADA

CONSULTING ENGINEERS - PLANNERS
2300 PASEO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550

vtn nevada

TITLE: MASTER UTILITY PLAN

PROJECT: DESERT CREEK - UNIT 2

NO.	3803-2
BY	RLM
DATE	SEPT. 89
SCALE	1":40'

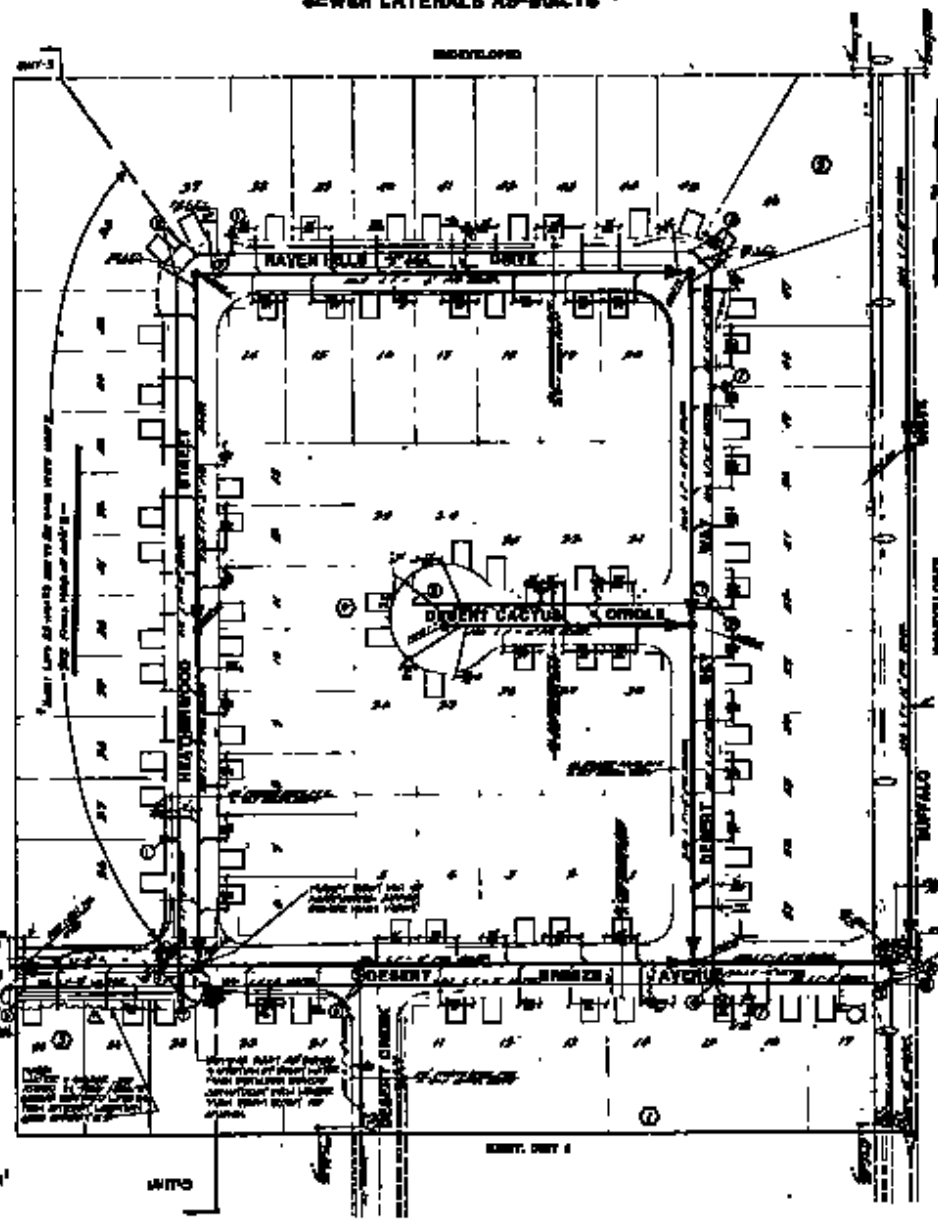
SHEET 4 OF 8 SHEETS

104660

As Built

3074-4074-2

SEWER LATERALS AS-BUILTS



VICINITY MAP

QUANTITY ESTIMATE

WATER

SEWER

STREETLIGHT & MISC.

PUBLIC STREET STREETLIGHT LOCATION DETAIL

APPROVAL

MASTER UTILITY PLAN

DESERT CREEK - UNIT 2

CONSULTING ENGINEERS PLANNERS
8000 PARKS DEL PRADO BUILDING A SUITE 200
LAS VEGAS, NEVADA 89145 PHONE (702) 579-7900

HOMEWORT CORP.
LAS VEGAS, NEVADA

SEPT. 93

4 of 15