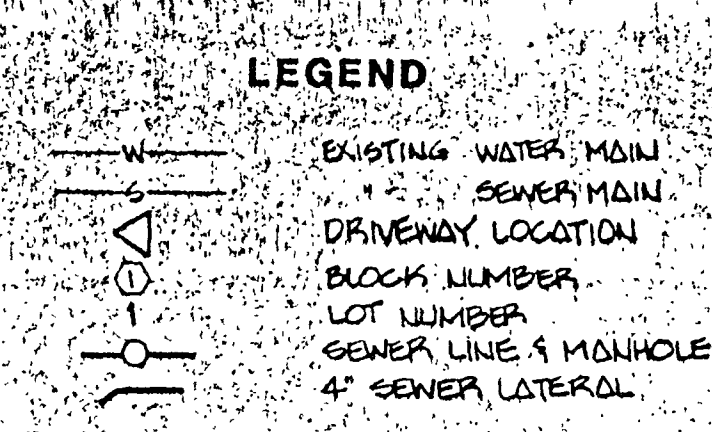
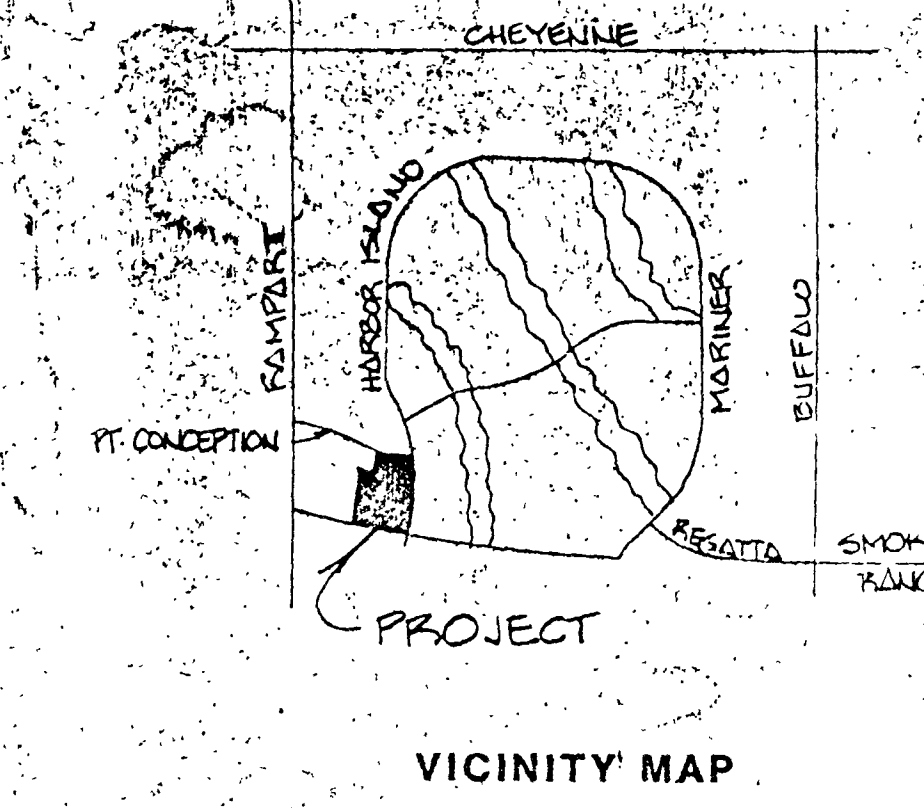


LINE	BEARING	DISTANCE
LS	S 0° 32' 07" W	5.00
LS	S 89° 27' 03" E	5.00
LS	S 0° 32' 07" W	5.00
LS	S 89° 27' 03" E	5.00
LS	N 25° 48' 48" E	25.00
LS	N 0° 32' 07" W	5.00
LS	N 75° 38' 38" E	25.00

CURVE	ARC	DELTA	RADIUS	TAN LENGTH
C01	314.48	30° 00' 00"	500.00	150.77
C02	290.81	31° 18' 15"	1700.00	146.81
C03	327.77	30° 00' 00"	625.00	167.74
C04	27.12	30° 00' 00"	30.00	30.00
C05	198.46	30° 00' 00"	1674.00	143.18
C06	135.76	19° 02' 33"	645.00	68.14
C07	202.47	30° 00' 00"	845.00	102.07
C08	35.27	30° 00' 00"	25.00	25.00
C09	283.72	28° 48' 17"	1855.00	142.23
C10	257.44	14° 32' 12"	1550.00	120.58
C11	88.75	30° 15'	721.00	49.43



- C.I.V. SEWER NOTES
- ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE CITY OF LAS VEGAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
 - CHISEL "8" OR "10" IN ODDS WEDGE SEWER OR GAS LATERALS PASS UNDER THE CURB.
 - POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL.
 - ALL MANHOLES IN PAVED STREETS 8'0" R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
 - THE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE. CONNECTIONS TO 12" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
 - IF SEWER CROSSES OVER WATER OR HAS LESS THAN 18" SEPARATION UNDER THE WATER MAIN, THE WATER MAIN MUST BE REINFORCED CONCRETE ENCASED FOR 10' PAST EACH SIDE OF CENTERLINE OF WATER MAIN.



REVISION

DATE

BY

NO.

1/19/88

SOUTHWEST ENGINEERING

LAND PLANNING • MAPING • DEVELOPMENT

1725 S. RAINBOW BLVD. STE. 204 LAS VEGAS, NEVADA 89102

TEL. (702) 735-1000

MASTER SEWER PLAN

SAGE SHORES

PRELIMINARY

AUG 31, 1988

PROJECT

W.O. No. 880508

BY M. JONES

DATE 8/88

SCALE 1" = 40'

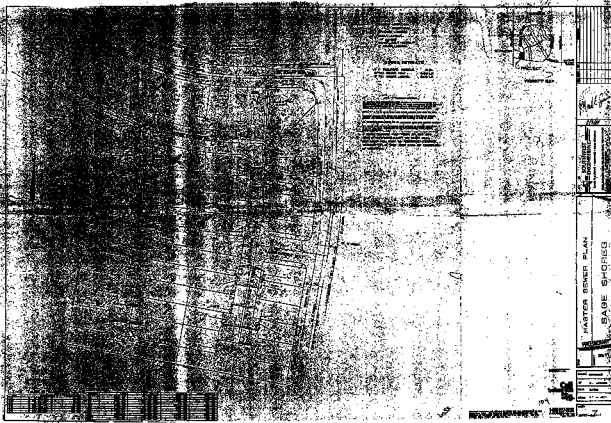
SHEET

3074-4041-1

EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BEFORE CONSTRUCTION.

1-800-227-2000

As Built



MASTER SEWER PLAN
SAGE SHORES

ENGINEERING
FIRM

DATE

PROJECT

1