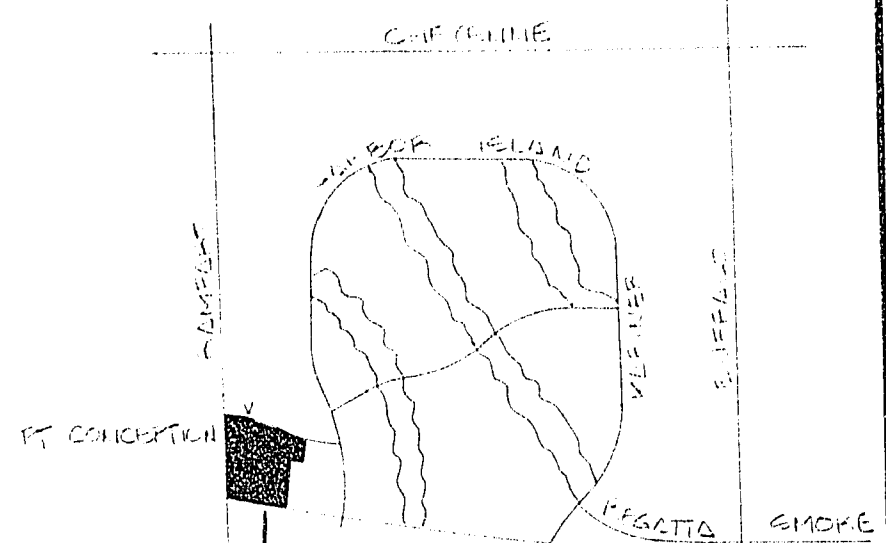


CURVE	ARC	DELTA	RADIUS	TAN LENGTH
C1	47.32	90°00'00"	30.00	30.00
C2	185.81	4°51'20"	1849.50	88.85
C3	184.79	4°51'20"	1844.50	88.44
C4	138.78	12°08'33"	646.00	68.14
C5	98.73	7°20'14"	771.00	49.43

LINE	BEARING	DISTANCE
L1	N 75°39'35" W	14.50
L2	N 10°17'55" E	3.18
L3	S 79°48'13" E	5.00
L4	N 84°38'58" W	9.00
L5	N 0°32'07" E	15.00
L6	S 89°27'53" E	5.00
L7	N 89°27'53" W	5.00
L8	S 89°27'53" E	5.00
L9	N 0°32'07" E	30.00
L10	N 45°32'07" E	28.33
L11	S 25°49'48" W	25.00



PROJECT
VICINITY MAP

LEGEND

- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- EXISTING LOCATION
- BLOCK NUMBER
- LOT NUMBER
- EXISTING STREET LIGHT

SEWER ESTIMATE

4" STANDARD MANHOLE	10 EA.
8" PVC SEWER MAIN	2239 L.F.
4" PVC SEWER LATERAL	2540 L.F.

C L 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 UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
- CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (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 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
- 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.
- A SEWER MAIN CROSSING OVER A MAIN OR LESS THAN 18" UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.

SOUTHWEST ENGINEERING
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(702) 735-1000

MASTER SEWER PLAN SAGE SHORES PHASE II

Call before you Dig.

1-800-227-2800
UNDERGROUND SERVICE (USPS)

W.O. No. 880513
BY M. JONES
DATE OCTOBER 88
SCALE 1" = 40'

SHEET
9
OF 10 SHEETS

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 THIS PLAN. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES WITH THE UTILITY COMPANIES.

307Y-4021-II