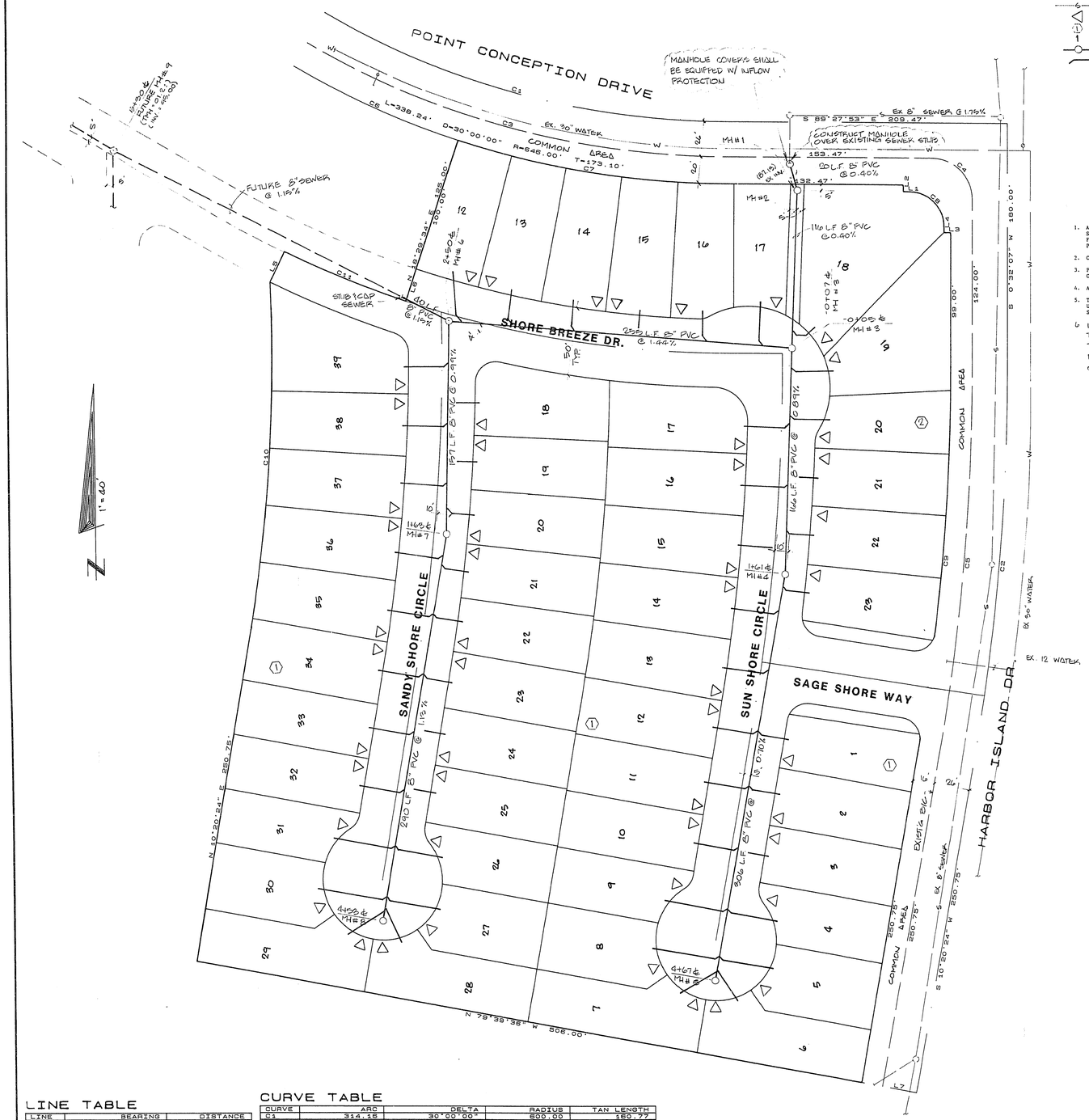


LEGEND

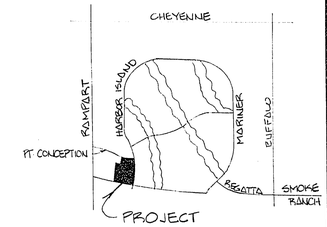
- EXISTING WATER MAIN
- EXISTING SEWER MAIN
- DRIVEWAY LOCATION
- BLOCK NUMBER
- LOT NUMBER
- SEWER LINE & MANHOLE
- 4" SEWER LATERAL

SEWER ESTIMATE

4' ϕ STANDARD MANHOLE	8 EA.
8" PVC SEWER MAIN	1350 L.F.
4" PVC SEWER LATERAL	1600 L.F.

C L V SEWER NOTES

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 "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURBS.
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" B/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.
6. 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 WATERMAIN.



VICINITY MAP

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 0°32'07" W	5.00
L2	S 89°27'53" E	5.00
L3	S 0°32'07" W	5.00
L4	S 89°27'53" E	5.00
L5	N 25°49'48" E	25.00
L6	N 15°29'34" E	25.00
L7	N 79°39'36" W	26.00

CURVE TABLE

CURVE	ARC	DELTA	RADIUS	TAN LENGTH
C1	314.16	30°00'00"	600.00	160.77
C2	280.91	9°48'17"	1700.00	140.81
C3	327.77	30°00'00"	626.00	167.74
C4	47.12	90°00'00"	30.00	30.00
C5	286.46	9°48'17"	1674.00	143.58
C6	135.78	12°02'33"	646.00	68.14
C7	202.47	17°57'27"	646.00	102.07
C8	39.27	90°00'00"	25.00	25.00
C9	283.72	9°48'17"	1658.00	142.21
C10	257.48	12°46'22"	1152.00	129.28
C11	98.73	7°20'14"	771.00	49.43

No.	DATE	BY	REVISION

Mark & Jane

8/9/88

SOUTHWEST ENGINEERING
LAND PLANNING • MAPPING • DEVELOPMENT
1725 S. RAINBOW BLVD.-STE. 234-LAS VEGAS, NEVADA 89102
(702) 363-9700

TITLE: MASTER SEWER PLAN

PROJECT: SAGE SHORES

W.O. No.	880606
BY	M. JONES
DATE	8/88
SCALE	1" = 40'

SHEET 7 OF 8 SHEETS

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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 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.

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