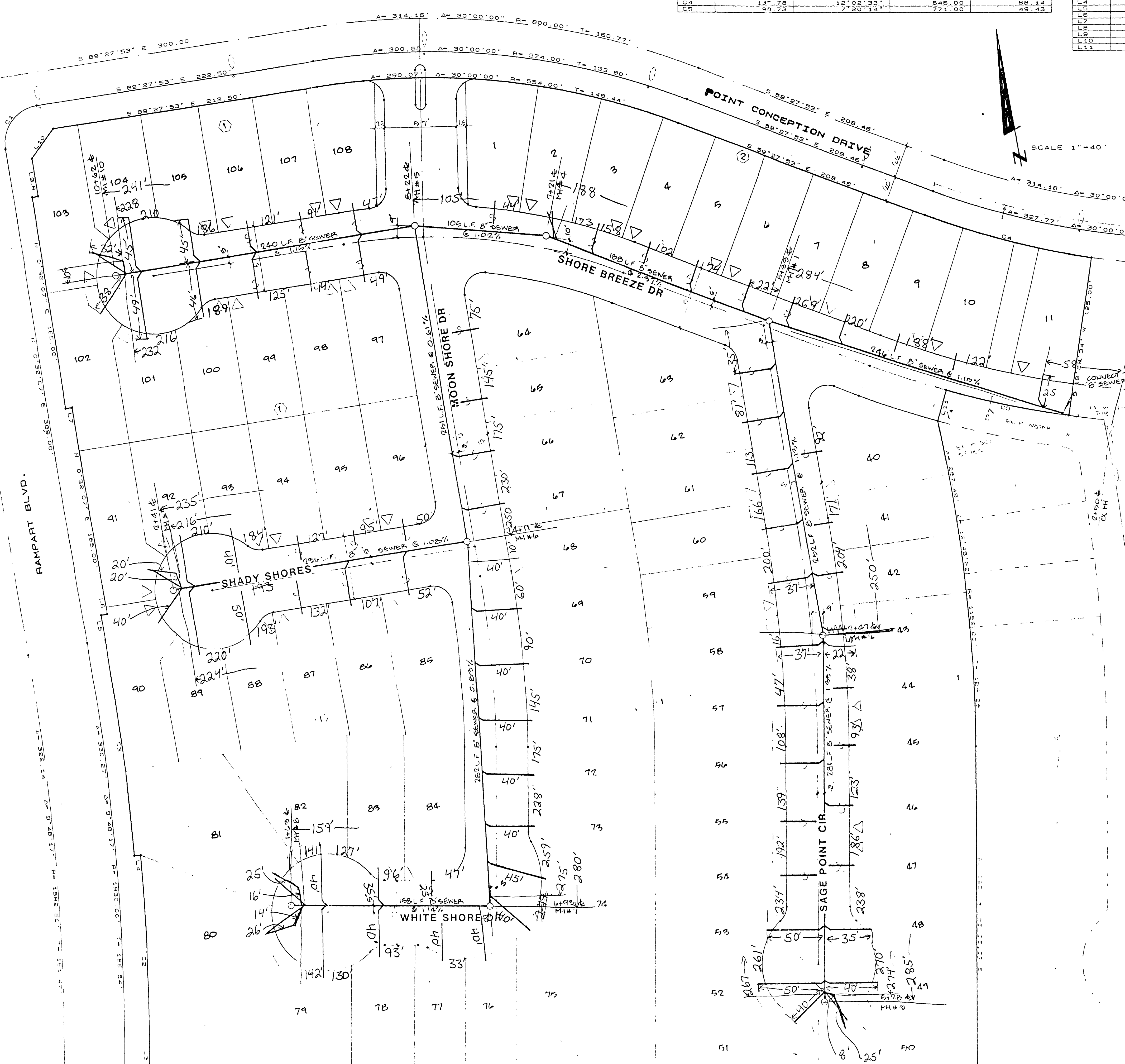
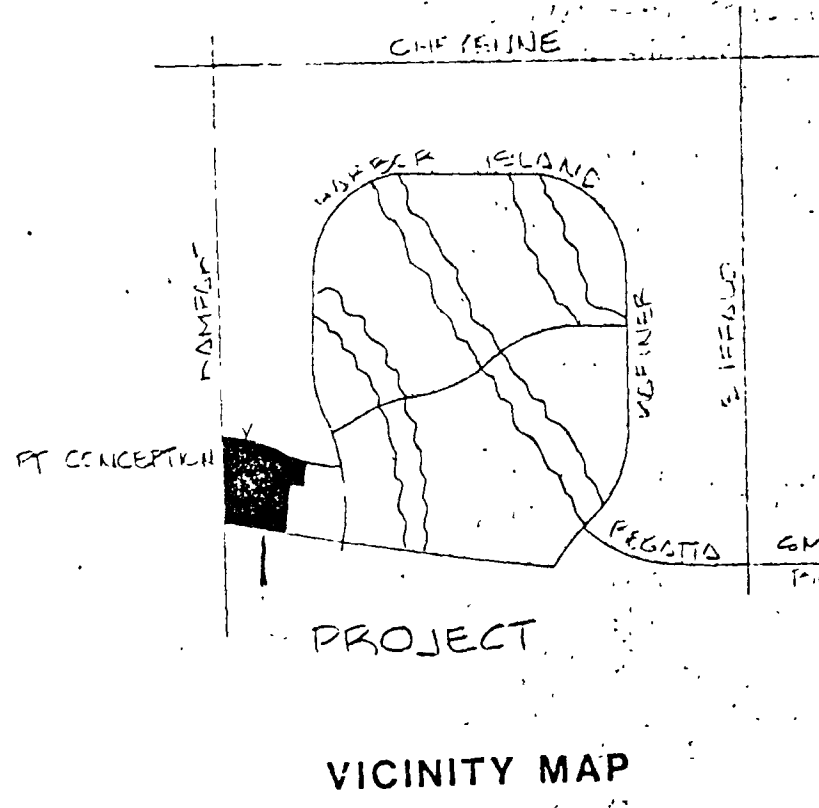


CURVE	ARC	DELTA	RADIUS	TAN LENGTH
C1	47.18	40.00.00"	30.00	30.00
C2	11.21	4.21.20"	1949.50	82.66
C3	11.29	4.21.20"	1944.50	82.44
C4	11.78	1.22.23"	648.00	58.14
C5	46.73	7.20.14"	771.00	49.43

LINE	BEARING	DISTANCE
L1	N 75.34.36" E	14.20
L2	N 10.17.37" E	3.18
L3	S 73.45.17" E	4.00
L4	N 84.38.33" E	4.00
L5	N 6.32.07" E	14.00
L6	S 89.27.53" E	4.00
L7	N 89.27.53" E	4.00
L8	S 89.27.53" E	30.00
L9	N 2.32.07" E	4.00
L10	N 46.32.07" E	28.00
L11	S 25.14.48" E	25.00



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

SEWER ESTIMATE
 4" Ø STANDARD MANHOLE 10 EA.
 8" PVC SEWER MAIN 2289 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.

All Sewer Laterals are 15'± off Property line Opposite Drive way MTC
All 4" Laterals are 25' on Short Side 35' on Long Side off Main unless otherwise marked
15' off Property line opposite driveway

(PK)

SOUTHWEST ENGINEERING LAND SURVEYING • MAPPING • ENGINEERING	
TITLE MASTER SEWER PLAN	PROJECT SAGE SHORES PHASE II
W.O. No. 880513	BY M. JONES
DATE OCTOBER 88	SCALE 1"=40'
SHEET 9	OF 10 SHEETS

Call before you Dig.

1-800-227-2603

NOTING UTILITIES ARE LOCATED ON PLANS FROM KNOWLEDGE OF THE CONTRACTOR ONLY. THE CONTRACTOR BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES OR FOR DAMAGE TO THEM OR TO THE PROPERTY OF ANY OTHER PARTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF UTILITIES AND FOR THE LOCATION OF THE PROPERTY OF ANY OTHER PARTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE PROPERTY OF ANY OTHER PARTY.

