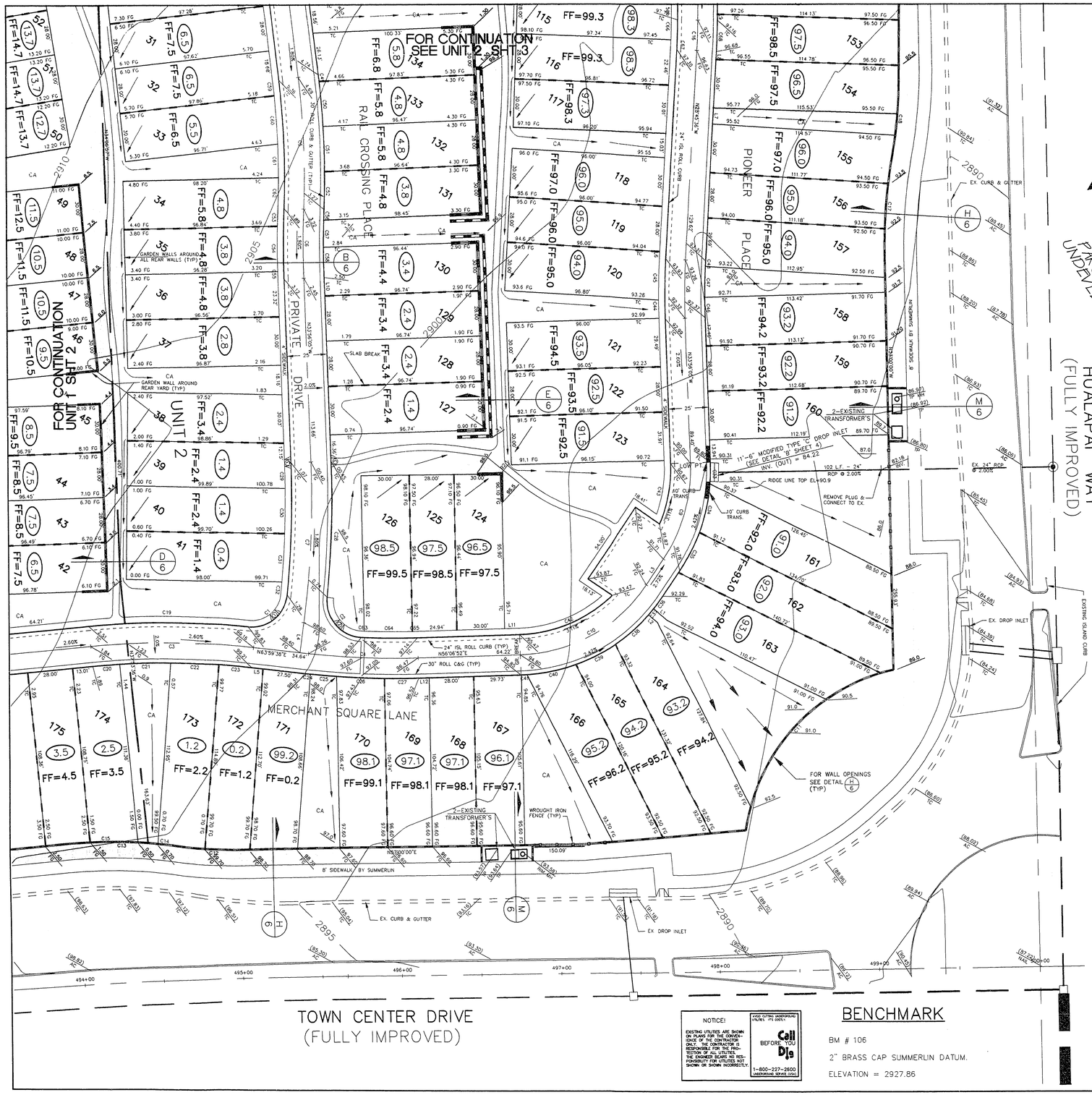

GRADING NOTES

1. ALL GRADES SHOWN ARE 3 FEET BELOW FINISH GRADE TO ALLOW FOR LANDSCAPING; EXCEPT TC, FL, AND FG, WHICH ARE TO FINISH GRADE.
2. FINAL GRADES ADJACENT TO STRUCTURE AFTER LANDSCAPING SHALL BE 0.7 FEET BELOW FINISH FLOOR.
3. THE QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DESCREPANCIES TO THE ENGINEER BEFORE BEGINNING WORK.
5. FINISH FLOOR ELEVATION IS TO BE 1.0 FOOT ABOVE PAD GRADE.
6. ALL LOTS ARE TO BE F.H.A. TYPE "A" DRAINAGE.
7. ALL IMPROVEMENTS TO BE BE PROTECTED FROM EROSION.
8. ALL SLOPES ARE TO BE TWO FEET HORIZONTAL TO ONE FOOT VERTICAL UNLESS OTHERWISE NOTED.
9. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
10. SEE DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.

LEGEND

- 10' CURB TRANSITION
- EXISTING IMPROVEMENTS
- PROPOSED BLOCK RETAINING WALL
- PROPOSED BLOCK WALL
- SLAB BREAK
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SCARP
- SWALE
- SETBACK LINE
- 9 — LOT NUMBER
- 1 — BLOCK NUMBER
- FG — FINISH GRADE
- FL — FLOW LINE
- TC — TOP OF CURB
- 99.9 — PAD GRADE

" I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS."

EDWARD F. TANEY P.E. #9903 DATE

UNIT TWO PAVING QUANTITIES(PRIVATE)

2" ASPHALTIC CONCRETE PAVING	5,853 S.Y.
30" ROLL' TYPE CURB & GUTTER	1,901 L.F.
24" ISL CURB	2,382 S.F.
SIDEWALK	26,754 S.F.
24" VALLEY GUTTER	208 S.F.
8' VALLEY GUTTER	1,840 S.F.

DEVIATION FROM STANDARDS

CURVES #9 & #10 HAVE A RADIUS LESS THAN 300'
THIS IS A DEVIATION FROM STANDARDS

LINE DATA TABLE

No.	BEARING	DISTANCE
L1	S85°37'55"E	11.24
L2	N81°37'25"W	7.42
L3	N02°11'46"E	19.41
L4	S24°23'25"E	18.83
L5	S85°59'38"W	7.14
L6	N28°45'36"W	4.12
L7	N30°19'56"W	10.00
L8	N25°34'06"W	4.93
L9	S38°00'07"E	3.79
L10	S33°56'09"E	11.30
L11	S56°06'52"W	8.27
L12	N56°06'52"E	6.49

SIDEWALK RAMP DATA CASE 1 RAMP

RAMP #	A	B	SLOPE
1	4.5'	15.0'	-4.13%
2	21.5'	4.5'	6.00%
3	8.0'	8.0'	1.80%

BCR & CURVE DATA AT BACK OF CURB

No.	RADIUS	DELTA	LENGTH	TANGENT
C1	22.50'	89°24'40"	35.11	22.27
C2	22.50'	93°44'52"	36.81	24.02
C3	500.00'	11°47'17"	102.87	51.62
C4	500.00'	07°52'46"	68.76	34.43
C5	500.00'	09°21'09"	81.62	40.90
C6	600.00'	04°05'15"	42.80	21.41
C7	600.00'	09°32'40"	99.95	50.09
C8	400.00'	05°10'29"	36.13	18.08
C9	100.00'	36°07'51"	63.06	32.62
C10	100.00'	53°55'06"	94.11	50.86
C11	120.00'	69°09'56"	144.85	82.73
C12	272.00'	08°57'28"	42.53	21.31
C13	328.00'	12°98'13"	74.25	37.28
C14	328.00'	03°22'28"	19.99	10.00
C15	328.00'	09°28'44"	54.26	27.19
C16	400.00'	02°41'08"	18.75	9.38
C17	324.00'	11°01'19"	62.33	31.26
C18	276.00'	09°43'12"	46.82	23.47
C19	512.50'	11°16'37"	100.87	50.60
C20	487.50'	01°59'52"	17.00	8.50
C21	487.50'	03°46'31"	32.40	16.21
C22	487.50'	03°31'48"	30.03	15.02
C23	487.50'	02°27'08"	20.85	10.43
C24	512.50'	00°16'51"	2.51	1.26
C25	512.50'	01°50'01"	16.40	8.20
C26	512.50'	03°31'35"	30.00	15.03
C27	512.50'	02°24'19"	21.52	10.76
C28	512.50'	07°54'18"	84.51	42.32
C29	587.50'	01°33'30"	15.98	7.99
C30	587.50'	02°44'59"	28.20	14.10
C31	587.50'	02°57'03"	30.76	15.13
C32	587.50'	00°44'51"	7.57	3.83
C33	112.50'	06°49'36"	13.40	6.71
C34	112.50'	15°45'15"	30.93	15.56
C35	112.50'	13°32'59"	26.61	13.36
C36	112.50'	04°54'26"	9.64	4.82
C37	112.50'	02°32'46"	5.00'	2.50
C38	112.50'	14°17'37"	28.07	14.11
C39	112.50'	14°17'51"	28.07	14.11
C40	112.50'	15°53'22"	31.20	15.70
C41	112.50'	01°59'05"	3.90	1.95
C42	87.50'	42°02'50"	64.21	33.63
C43	87.50'	25°12'11"	38.49	19.56
C44	412.50'	01°36'45"	11.61	5.80
C45	412.50'	03°33'44"	25.65	12.83
C46	387.50'	01°51'16"	12.54	6.27
C47	387.50'	02°49'53"	19.15	9.58
C48	387.50'	00°29'20"	3.31	1.65
C49	512.50'	00°26'38"	3.97	1.99
C50	512.50'	03°08'04"	28.04	14.02
C51	512.50'	03°07'51"	28.00	14.01
C52	512.50'	02°38'36"	23.64	11.82
C53	612.50'	01°02'57"	11.22	5.61
C54	612.50'	02°36'11"	27.83	13.92
C55	612.50'	00°26'03"	4.65	2.33
C56	587.50'	00°37'32"	6.41	3.21
C57	587.50'	01°38'19"	16.80	8.40
C58	587.50'	01°49'25"	18.70	9.35
C59	487.50'	01°06'15"	9.39	4.70
C60	487.50'	03°33'30"	30.28	15.14
C61	487.50'	02°28'08"	21.01	10.51
C62	487.50'	02°13'16"	18.90	9.45
C63	483.50'	00°11'22"	1.60	0.80
C64	483.50'	03°33'23"	30.01	15.01
C65	483.50'	00°21'45"	3.06	1.53
C66	387.50'	01°51'26"	12.56	6.28
C67	387.50'	00°49'42"	5.60	2.80
C68	412.50'	02°41'08"	19.33	9.67

NOTICE!

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE convenience OF THE CONTRACTOR. THE ENGINEER IS NOT RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S QUICKLY.

Call BEFORE YOU Dig

1-800-227-2600 UNDERGROUND SERVICE (USA)

BENCHMARK

BM # 106

2" BRASS CAP SUMMERLIN DATUM.

ELEVATION = 2927.86

REVISION	DATE	BY	APPROVED

SUBMITTED BY: 1/18/96

ALPHA & ENGINEERING COMPANY
50 St. James #200, Las Vegas, NV. 89107
Telephone (702) 877-1300

TITLE: ROUGH GRADING PLAN

PROJECT: SUNSET MESA – UNIT 2

JOB #	N5-76-20
NAME	VERTREES/LDB/MAD
DATE	1/18/96
SCALE	1" = 30'

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11-23-52

107Y-4449-2

C:\DWG\7620\7620G-3 Thu Jan 18 11:01:21 1996 HUEY