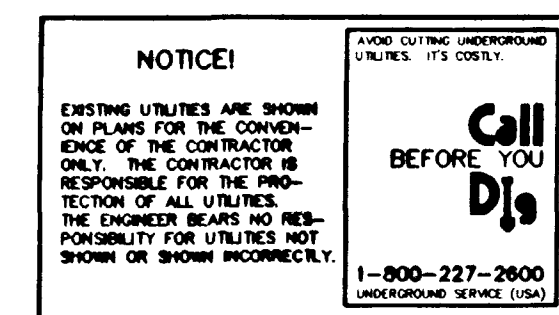


I CERTIFY THAT THIS GRADING PLAN
CONFORMS TO THE APPROVED DRAINAGE
STUDY ON FILE AT THE CITY OF LAS VEGAS.

EDWARD F. TANEY P.E. #9903 DATE 10-4-99



PRIVATE PAVING AND GRADING QUANTITIES

2" AC PAVEMENT	8415 SY
TYPE II BASE	1600 CY
24" VALLEY GUTTER	20 LF
30" ROLL TYPE CURB AND GUTTER	4070 LF
"A" TYPE ISLAND CURB	112 LF
CROSS GUTTER	1216 SF

BENCHMARK

CITY OF LAS VEGAS BENCHMARK #1LV9033E6,
RIVET & PLATE IN NORTH TOP OF CURB AT
WASHBURN ROAD AND CONOUGH LANE.
723.9992M (2375.32FT) NAVD 1988 DATUM

BACK OF CURB CURVE DATA TABLE

No.	RADIUS	DELTA	LENGTH	TANGENT
C1	1020.5'	04°38'13"	82.59'	41.32'
C2	979.5'	06°25'47"	109.92'	55.02'
C3	959'	01°18'23"	21.87'	10.93'
C4	959'	05°07'23"	85.75'	42.9'
C5	1000'	06°01'41"	105.21'	52.65'
C6	1000'	00°24'06"	7.01'	3.5'
C7	1041'	04°38'13"	84.25'	42.15'
C8	1000'	04°38'13"	80.93'	40.49'
C9	15'	88°12'26"	23.09'	14.54'
C10	56'	88°12'26"	86.21'	54.27'
C11	56'	89°46'01"	87.74'	55.77'
C12	20'	90°13'59"	31.5'	20.08'
C13	20'	89°46'01"	31.33'	19.92'
C14	15'	89°46'01"	23.5'	14.94'
C15	20'	89°41'22"	31.31'	19.89'
C16	20'	90°18'38"	31.52'	20.11'
C17	15'	90°13'59"	23.62'	15.06'
C18	15'	87°36'39"	22.94'	14.39'
C19	20'	91°42'12"	32.01'	20.60'
C20	30'	87°50'51"	46.00'	28.89'

EARTHWORK QUANTITIES

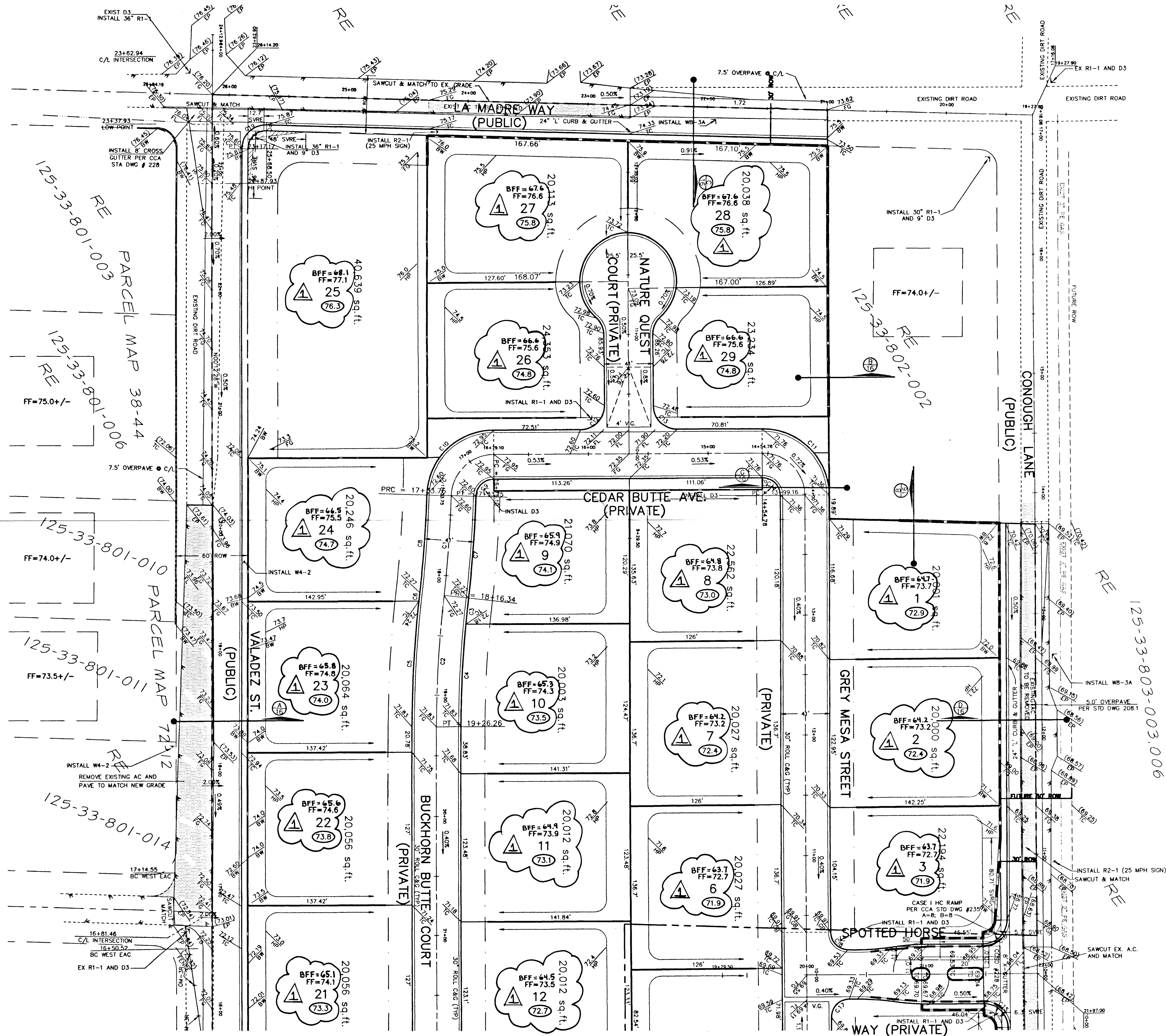
35,000 CY FILL

GEOTECHNICAL INVESTIGATION

GEOTECHNICAL
SOILS REPORT
NO. 715-LV
DECEMBER 2, 1996

LEGEND

- EX. IMPROVEMENTS
- BLOCK RETAINING WALL (MAX 3')
- BLOCK WALL
- EX. BLOCK WALL
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SCARP (2:1 MAX)
- A.C. SWALE
- SETBACK LINE
- FF FINISH FLOOR
- BW BOTTOM WALL
- FG FINISH GRADE
- FL FLOW LINE
- TC TOP OF CURB
- 99.9 PAD GRADE



FOR CONTINUATION SEE SHEET G1

SHEET 7 OF 18 SHEETS DRAWING NO. 1074-4620		TITLE ROUGH GRADING PLAN NORTH		ENGINEERING COMPANY ALPHA & EAGLE DANCER		Southwest Homes 3140 S. RAINBOW BLVD #401 LAS VEGAS, NEVADA 89146 (702) 597-3233 Telephone: (702) 877-1300		ADD BASEMENT FF TO ALL LOTS REVISION DATE BY	
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