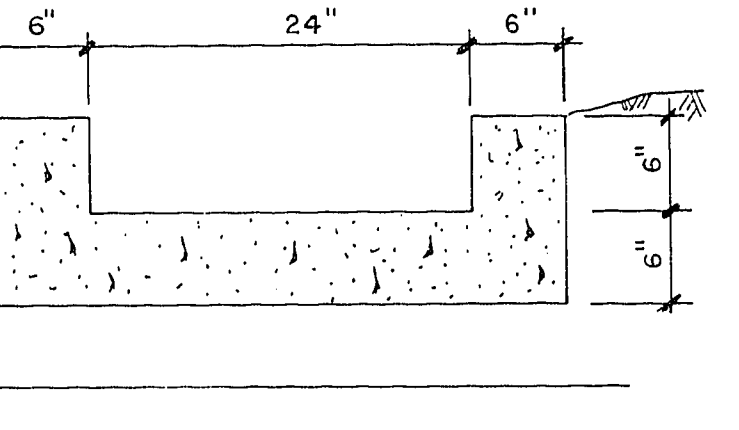
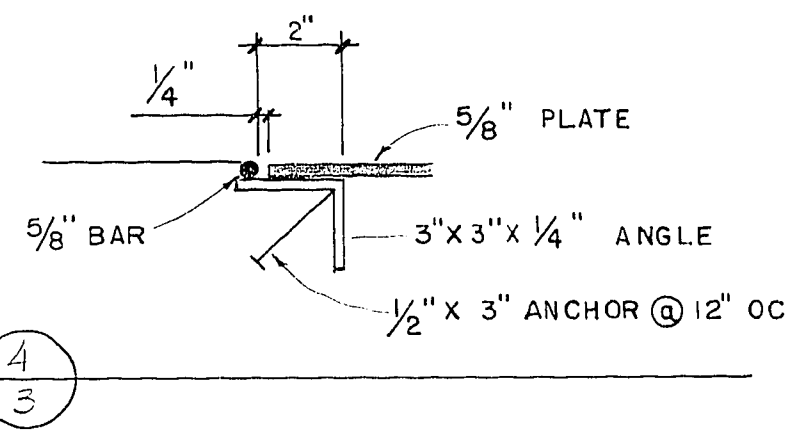
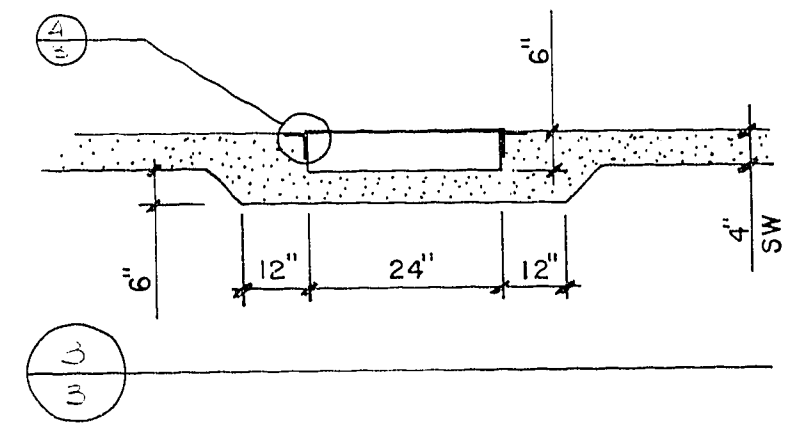
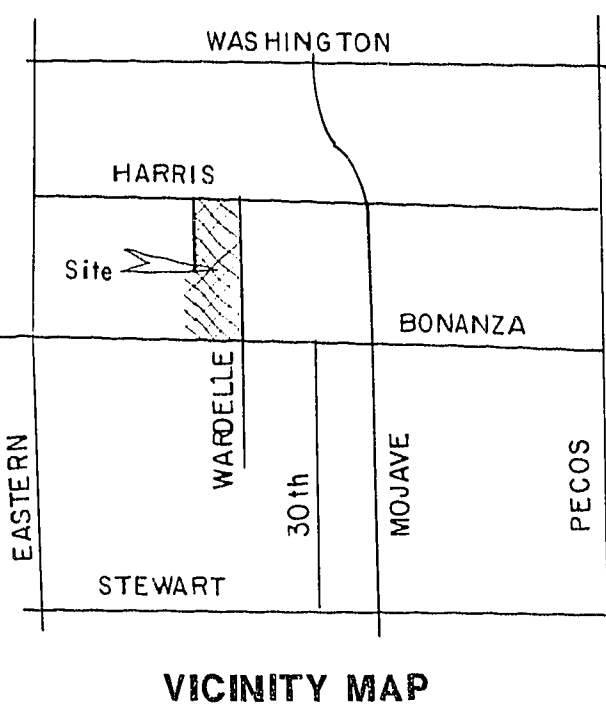
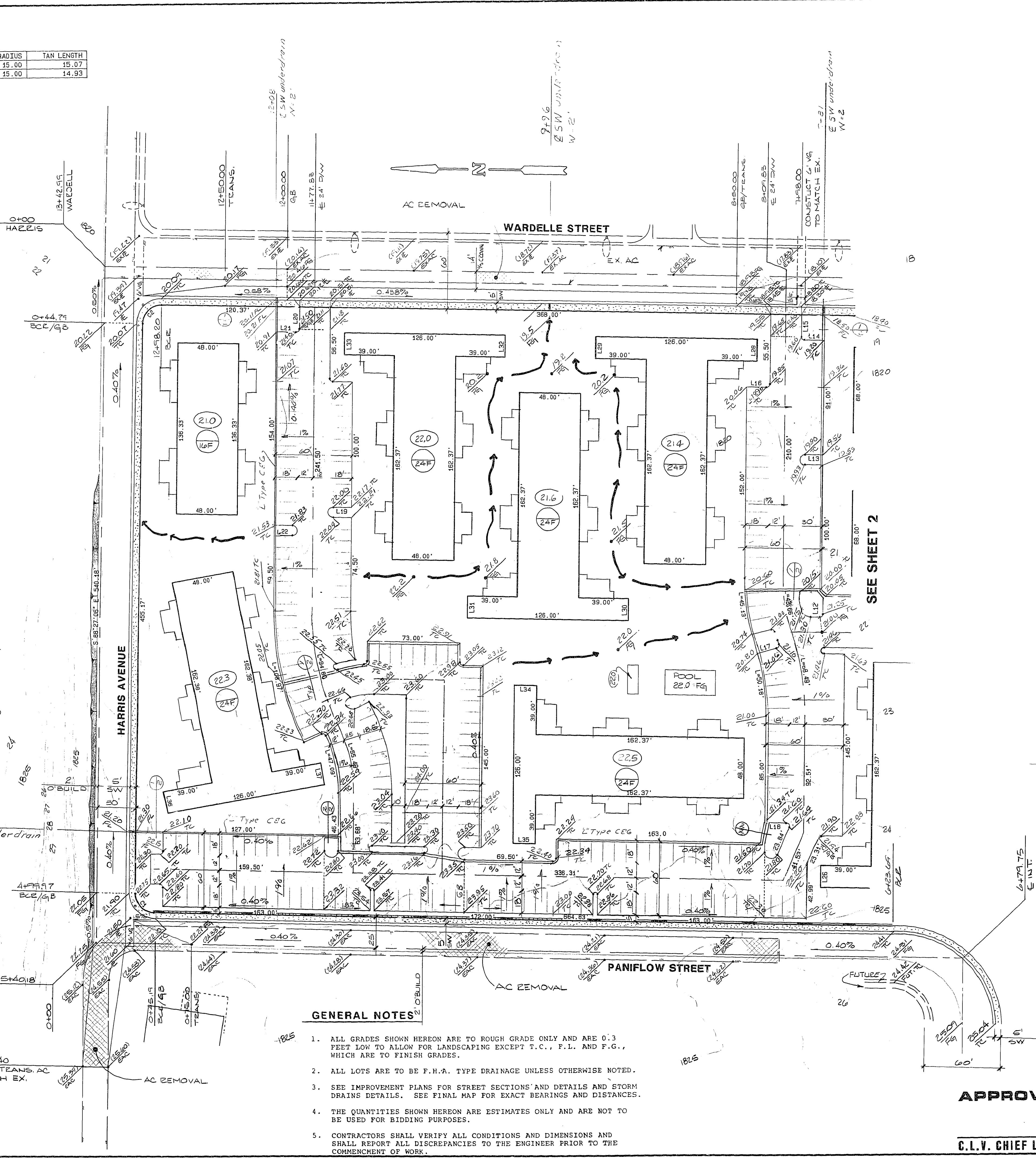


CURVE	ARC	DELTA	RADIUS	TAN LENGTH
C1	23.63	90° 15' 54"	15.00	15.07
C2	23.49	89° 44' 06"	15.00	14.93

LINE	BEARING	DISTANCE
L1	N 88° 43' 00" W	15.50
L2	N 1° 17' 00" E	10.50
L3	S 88° 43' 00" E	11.00
L4	S 1° 17' 00" W	15.50
L5	S 1° 17' 00" W	14.00
L6	N 1° 17' 00" E	15.50
L7	S 88° 43' 00" E	17.50
L8	N 88° 43' 00" W	17.50
L9	N 1° 17' 00" E	15.50
L10	N 88° 43' 00" W	11.00
L11	N 1° 17' 00" E	9.25
L12	N 1° 17' 00" E	7.13
L13	S 1° 17' 00" W	14.00
L14	S 1° 17' 00" E	15.50
L15	S 88° 43' 00" E	17.50
L16	N 1° 17' 00" E	15.50
L17	N 15° 37' 47" W	15.48
L18	S 1° 17' 00" W	16.38
L19	S 1° 17' 00" W	14.00
L20	N 88° 43' 00" W	17.50
L21	N 1° 17' 00" E	15.50
L22	N 1° 17' 00" E	14.00
L23	N 88° 43' 00" E	15.50
L24	S 88° 43' 00" E	15.50
L25	N 88° 43' 00" W	15.50
L26	S 88° 43' 00" E	17.46
L27	N 88° 43' 00" W	17.46
L28	N 88° 43' 00" W	17.46
L29	S 88° 43' 00" E	17.46
L30	N 88° 43' 00" W	17.46
L31	S 88° 43' 00" E	17.46
L32	N 88° 43' 00" W	17.46
L33	S 88° 43' 00" E	17.46
L34	S 1° 17' 00" W	17.46
L35	N 1° 17' 00" E	17.46
L36	N 79° 43' 06" E	17.46
L37	S 79° 43' 06" W	17.46

- LEGEND**
- FG FINISH GRADE
 - TC TOP OF CURB
 - FL FLOW LINE
 - GB GRADE BREAK
 - SW SIDE WALK
 - EAC EDGE OF ASPHALTIC CONCRETE
 - 1.5% RATE OF GRADE
 - SWALE
 - BLOCK WALL
 - RETAINING WALL
 - DETAIL NUMBER
 - PAGE NUMBER
 - EX. CONTOUR ELEVATION
 - BUILDING NUMBER
 - F FAMILY
 - A ADULT
 - UNITS PER BLDG.
 - "A" TYPE CURB
 - "L" TYPE CURB
 - PAO GRADE



EARTH QUANTITY ESTIMATE

EXCAVATION	11,110 C.Y.
VOID	12,280 C.Y.
SHRINKAGE (35%)	3,890 C.Y.
SUBSIDENCE (0.15')	5,175 C.Y.
10,235 C.Y. required import	

QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND SHOULD NOT BE USED FOR BIDDING PURPOSES.

ON-SITE QUANTITY ESTIMATE

2" AC	19,645 SY
24" CONC. SWALE	335 LF
"L" TYP. CURB & GUTTER	2,840 LF
TACK-ON CURB	5,740 LF

- GENERAL NOTES**
- ALL GRADES SHOWN HEREON ARE TO ROUGH GRADE ONLY AND ARE 0.3 FEET LOW TO ALLOW FOR LANDSCAPING EXCEPT T.C., F.L. AND F.G., WHICH ARE TO FINISH GRADES.
 - ALL LOTS ARE TO BE F.H.A. TYPE DRAINAGE UNLESS OTHERWISE NOTED.
 - SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS AND STORM DRAIN DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
 - THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
 - CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

APPROVAL
C.L.V. CHIEF LAND DEVELOPMENT DATE

STEVEN S. MILLER CONST.
CITY OF LAS VEGAS

CONSULTING ENGINEERS - PLANNERS
2300 PASEO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550

ROUGH GRADING PLAN

SPRING CREEKS APARTMENTS

NO. NO.	3453
BY	SCD CRJ
DATE	NOV. 87
SCALE	1" = 40'

SHEET
3
OF 11 SHEETS
107Y-2775