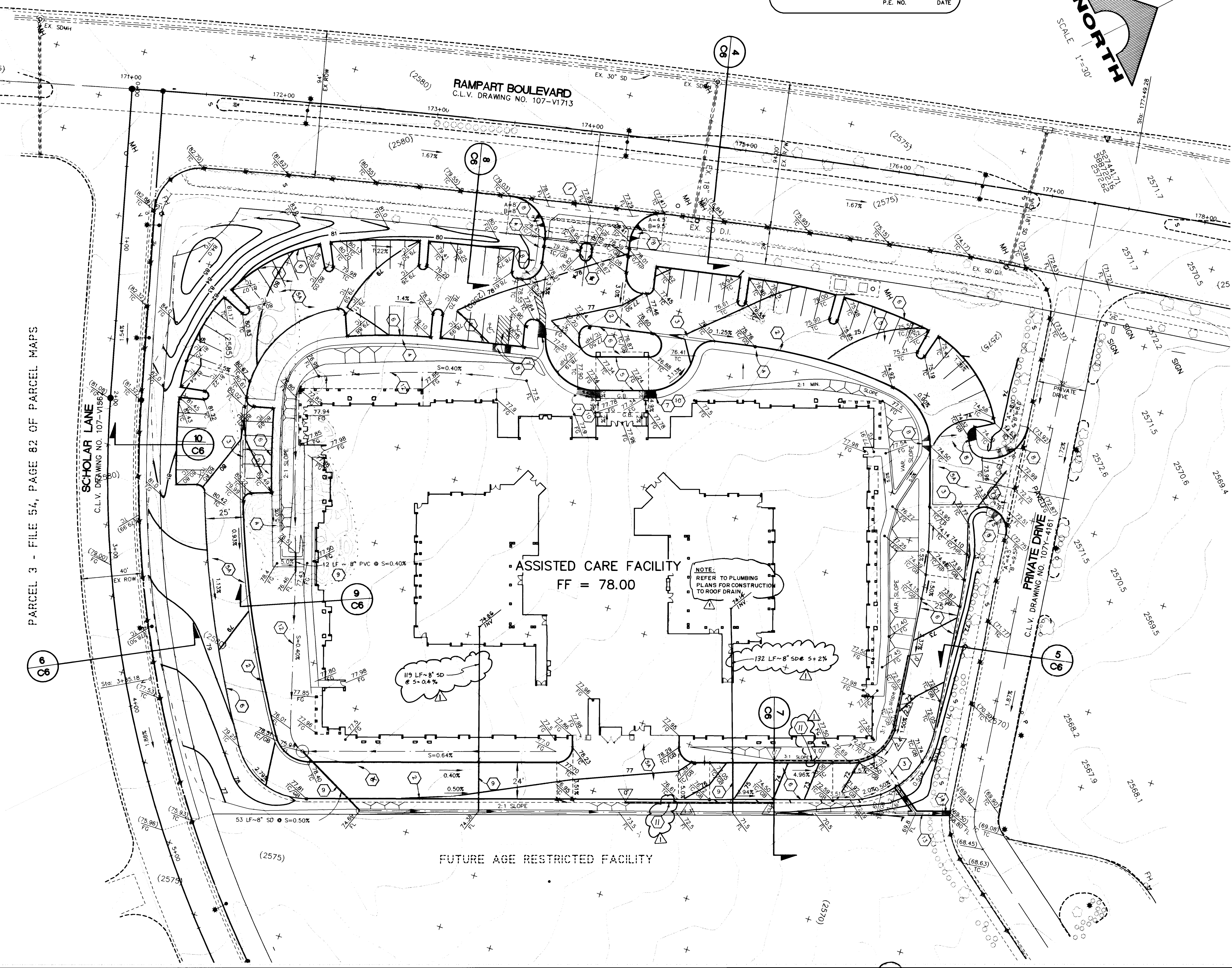
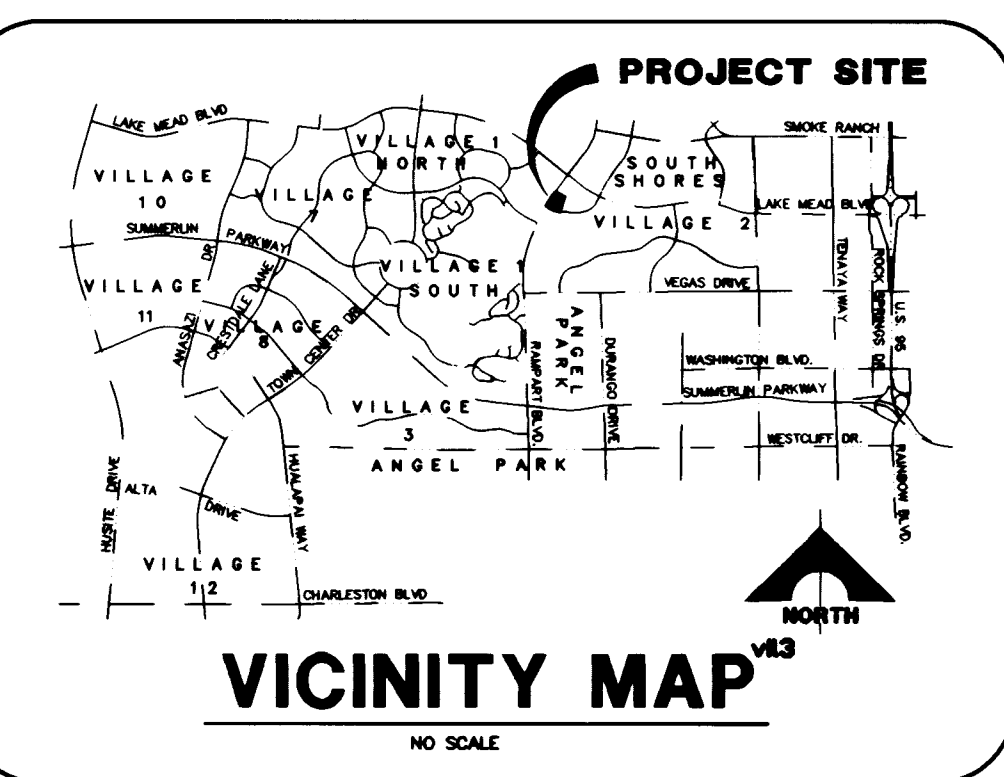
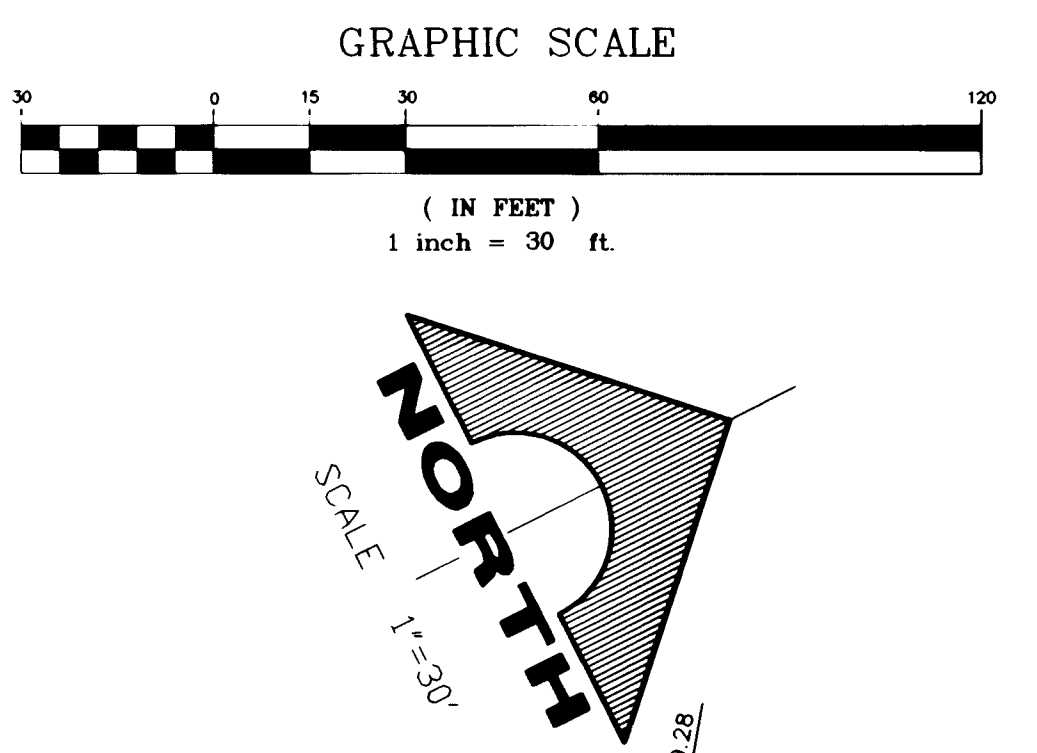


DRAINAGE CERTIFICATION
 I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT.

David L. Wall 7-16-98
 P.E. NO. DATE



- GRADING NOTES**
- CONSTRUCT COMMERCIAL DRIVEWAY WITH 8-FOOT WIDE CROSS GUTTER PER SUMMERLIN STANDARD DRAWINGS S-84 & S-58 2/2" G.S. SAWCUT AND REMOVE INTERFERING PORTIONS OF CURB & GUTTER, SIDEWALK AND LANDSCAPING.
 - CONSTRUCT 3" WIDE VALLEY GUTTER PER DETAIL 2, SHT. C6
 - CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER 4" TYPE II AGGREGATE BASE OVER 12" COMPACTED SUB GRADE PER DETAIL 3A SHT C6
 - CONSTRUCT 2" AC PAVING OVER 4" TYPE II AGGREGATE BASE OVER 12" COMPACTED SUB GRADE PER DETAIL 3 SHT C6
 - CONSTRUCT MODIFIED TYPE "A" CURB PER DETAIL 11 SHEET C6 OF 6.
 - PROVIDE 6" TO 0" CURB TRANSITION
 - INSTALL HANDICAP SIGNAGE/RAMPS AND PARKING LOT STRIPING PER ARCHITECTURAL PLANS.
 - INSTALL DRAINAGE PIPE, ADS N-12, SIZE PER PLAN. USE ADS FABRICATED FITTINGS.
 - CONCRETE SIDEWALK FLUSH WITH PAVEMENT.
 - CONSTRUCT RETAINING WALL, HEIGHT VARIES, SEE DETAIL 12, SHEET C-G.
 - CONSTRUCT EARTH SWALE PER DETAIL 9 SHEET C6
 - CONSTRUCT 3" DRAINAGE CHANNEL PER DETAIL 1 SHEET C6
 - INSTALL SIDEWALK UNDER DRAIN PER SUMMERLIN STANDARD DRAWING D-28
 - HEAVY PAVING SECTION

LEGEND

	CONSTRUCTION NOTES
FF=78.00	FINISHED FLOOR ELEVATION
$\frac{73.04}{FG}$	FINISHED GRADE
(72.33)	EXISTING ELEVATION
$\frac{72.00}{TC}$	TOP OF CURB ELEVATION
$\frac{72}{TC OR FG}$	GRADE BREAK
	SLOPE
	DITCH OR SWALE
56	EXISTING CONTOUR
	RETAINING WALL
$\frac{3.0}{1}$	RETAINING WALL HEIGHT
$\frac{1}{C7}$	DETAIL NUMBER SHEET NUMBER

BENCHMARK
 CHISELED "+" IN THE TOP OF CURB AT END OF CURB ON WEST SIDE OF DURANGO, 250' SOUTH OF WESTCLIFF. ELEV. PER CITY OF LAS VEGAS DATUM = 2610.16

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD

 1-702-593-6111

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
 1-800-227-2600
 UNDERGROUND SERVICE ALERT (USA)

RECOMMENDED DATE: 7-16-98

DESIGNED BY: RPL
 CHECKED BY: DSM

PROFESSIONAL ENGINEER: David L. Wall, No. 6885

G. C. WALLACE, INC.
 Engineering/Architecture
 1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89102
 TEL. NO. (702) 351-1200, FAX NO. (702) 351-8879

CRESCENT DEVELOPMENT COMPANY
 ASSISTED CARE FACILITY

GRADING PLAN

SHEET C5
 SHT 5 OF 7

JOB NO. 753.000A.610

14584

9203

107-V2904