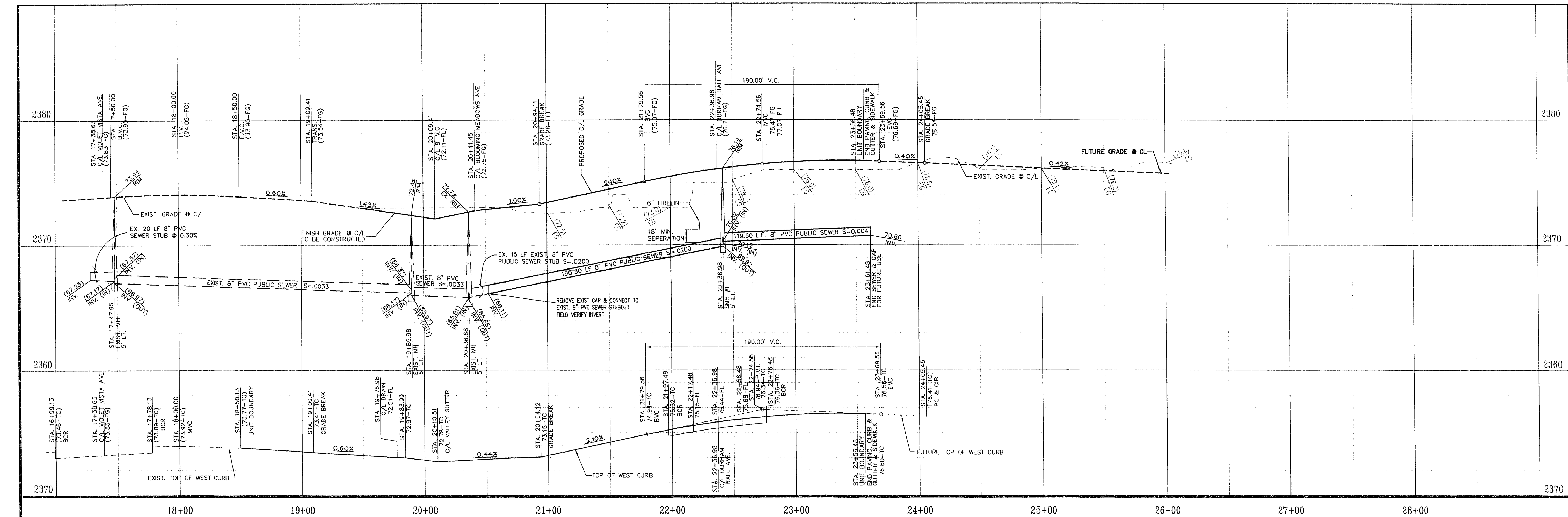
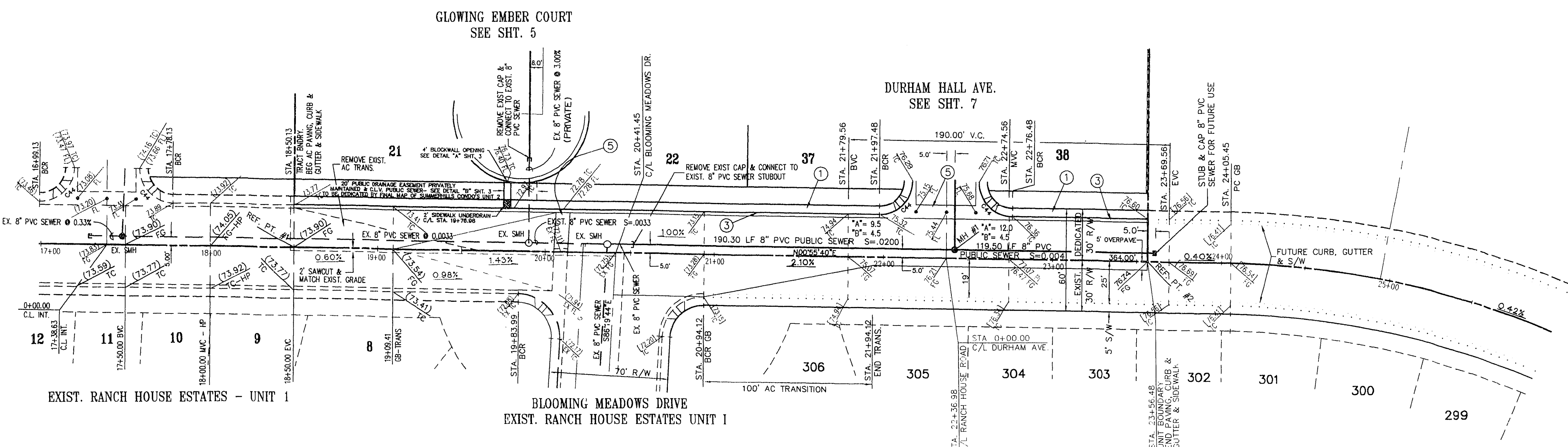




SCALE: 1" = 40' HORIZ.
1" = 4' VERT.



BENCHMARK

CLARK COUNTY
B.M. No. = C9027A1
NW CORNER OF TROPICAL PKWY
AND RIO VISTA DRIVE

C.L.V.
BM # OC90-27SW6
RIVET & SQUARE ALUMINUM PLATE IN TOP CENTER HEADWALL,
EAST SIDE OF HIGHWAY 95, NEAR MILE MARKER 86.90.
ELEV. = 2369.768
2367.366 (NGVD 29) + 2.403' = 2369.768 (NAVD 88)

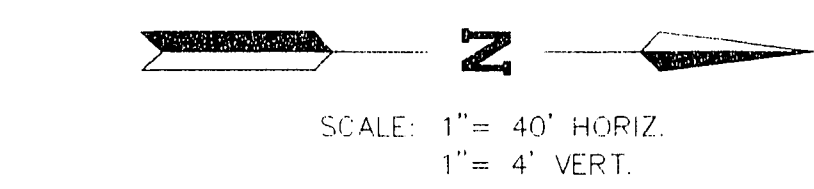
CONSTRUCTION NOTES

1. CONSTRUCT 5' SIDEWALK PER C.C. AREA STD. DWG. No. 234
2. CONSTRUCT 30" ROLL CURB AND GUTTER PER C.C. AREA STD. DWG. No. 217A
3. CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER C.C. AREA STD. DWG. No. 216
4. CONSTRUCT "A" TYPE CURB PER C.C. AREA STD. DWG. No. 219
5. CONSTRUCT 8" VALLEY GUTTER PER C.C. AREA STD. DWG. No. 228

QUANTITY ESTIMATE

3" ASPHALTIC CONCRETE _____ 1596 SY
24" "L" TYPE CURB & GUTTER _____ 490 LF
CONCRETE SIDEWALK _____ 2452 SF
8" CROSS GUTTER _____ 620 SF
SIDEWALK RAMPS _____ 2 EA

THESE QUANTITIES ARE ONLY ESTIMATES, CONTRACTOR
TO VERIFY.



BACK OF CURB CURVE DATA TABLE

No.	RADIUS	DELTA	LENGTH	TANGENT
C44	20.00'	90°00'00"	31.42'	20.00'
C63	321.02'	36°44'40"	205.87'	106.62'
C63	361.02'	38°40'07"	243.65'	126.67'
C64	336.02'	37°31'19"	220.05'	114.14'

DETERMINE MINIMUM VELOCITIES

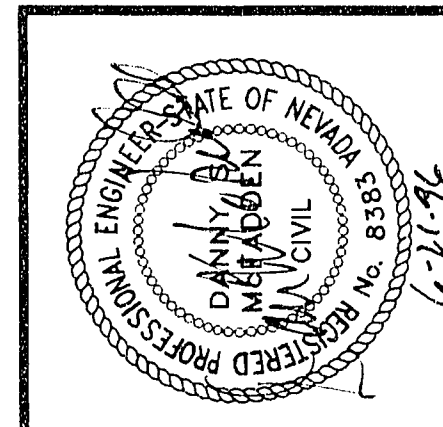
USE 8" DIA. PVC SEWER
USE SLOPE = 0.0033' / FT.
 $V = 1.49 \sqrt[3]{\frac{2}{N} S^2}$
 $V = 1.49 \sqrt[3]{\frac{2}{0.013} \times 0.0033^2}$
 $V = 114.63 (0.30) (.06)$
 $V = 2.0 \text{ fps}$

Call
before you
Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

REVISION	DATE	BY	REVISION
1	11/20/95	ROCKY	REVISION PER C.C.

TITLE
STREET & SEWER PLAN & PROFILE
RANCH HOUSE ROAD

PROJECT
SUMMERHILLS CONDOMINIUMS - UNIT 2



ESI ENGINEERS AND SURVEYORS INC.
PLANNERS • DESIGNERS • ENGINEERS • SURVEYORS

W.O. # : 924-B647B
BY : ROCKY
DATE : 11/30/95
SCALE : 1" = 40'

SHEET **4** OF **10**

19-60-27

11-27-11

107Y-4440-2

ROCKY
B647B-P1.DWG
6/20/96