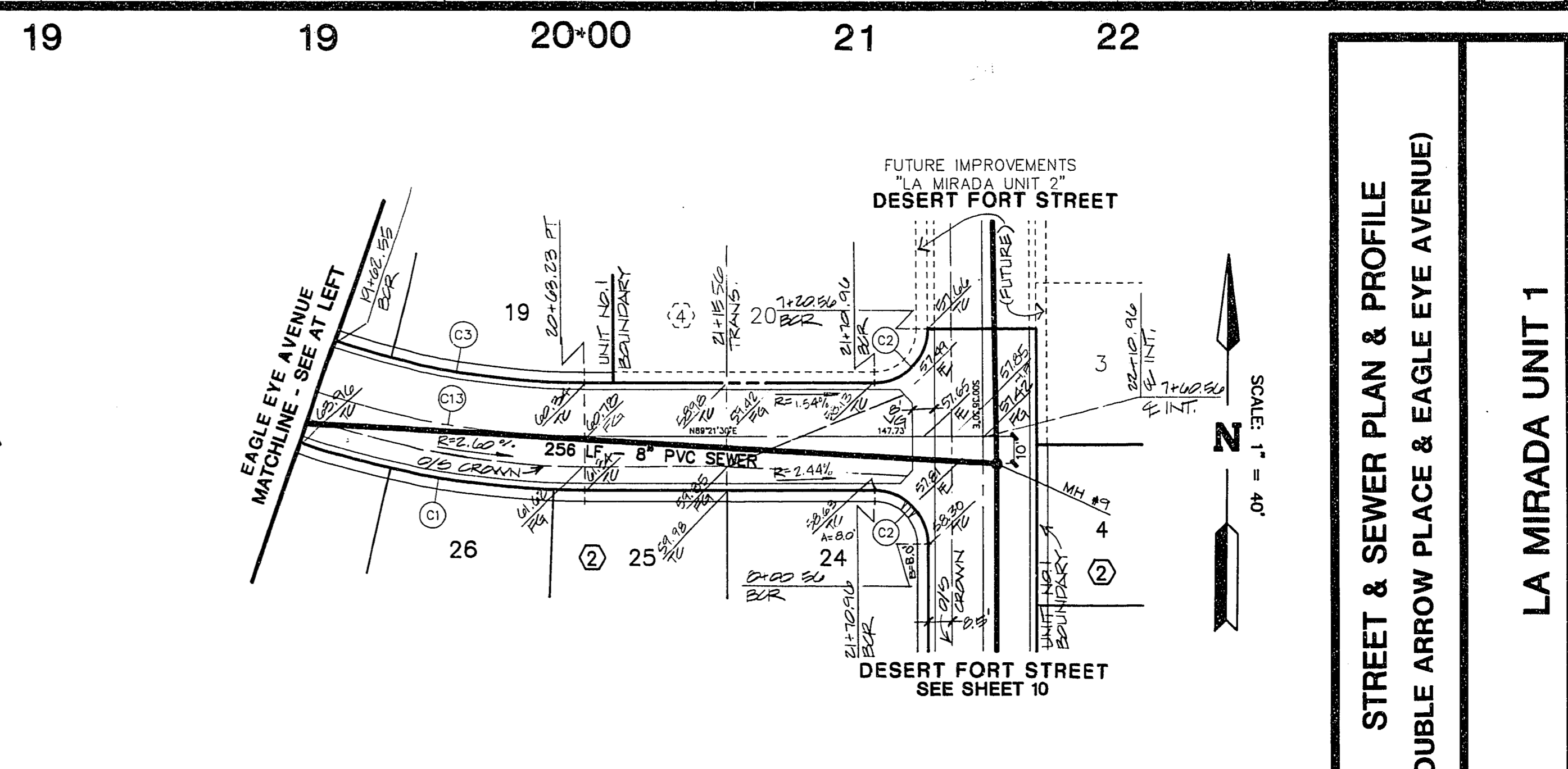
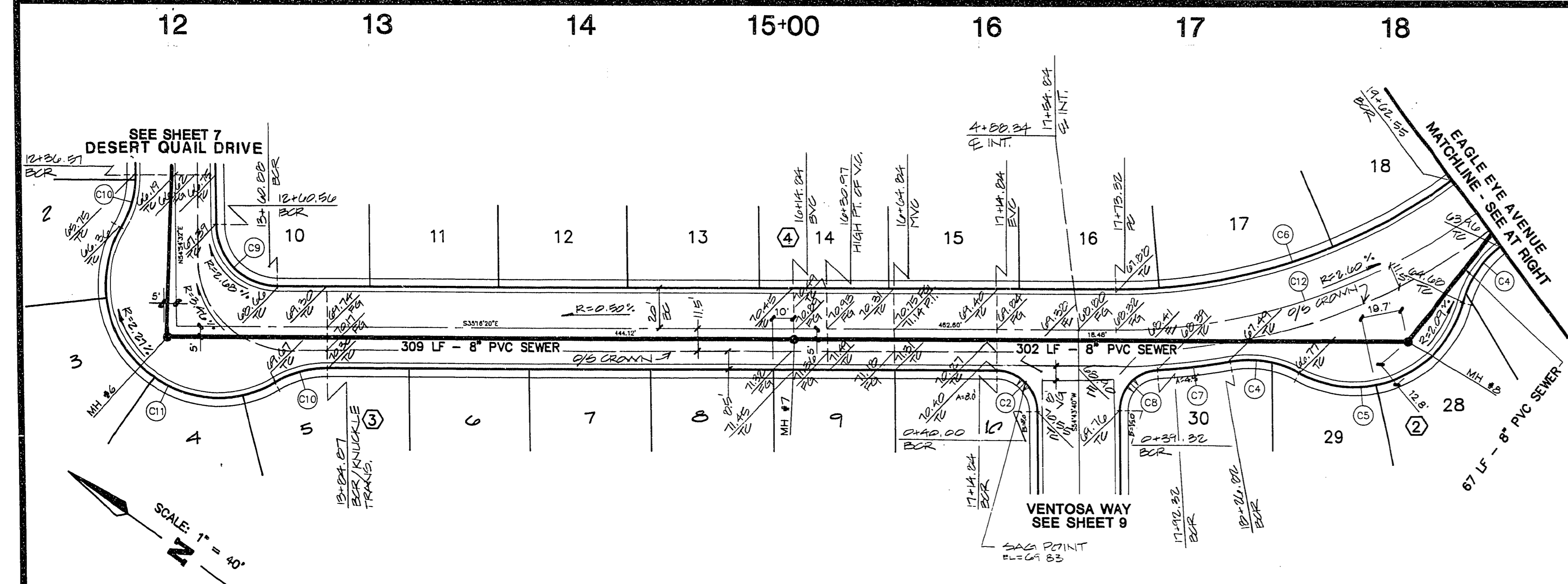


REVISION	BY	DATE	DESCRIPTION
1	CEA	12/14/98	REV'D GRADES PER REV'D GRADING PLANS
2	CEA	11/25/94	REV'D TRANSITION TABLE
3	CEA	11/05/94	REV'D STREET NAME

SUBMITTED BY: **ESI ENGINEERS AND SURVEYORS INC.**
 709 N. CARLETON BLVD. - 1ST FLOOR - CARLETON, CA 94515
 (925) 438-8891
 REGISTERED PROFESSIONAL ENGINEERS & SURVEYORS
 STATE OF CALIFORNIA
 KATHY R. WISWILL
 LICENSE NO. 45171



CURVE DATA

No.	RADIUS	DELTA	LENGTH	TANGENT
C1	320.00'	19°13'44"	107.39'	54.21'
C2	20.00'	90°00'00"	31.42'	20.00'
C3	280.00'	19°13'44"	93.97'	47.43'
C4	50.00'	39°15'36"	34.26'	17.83'
C5	55.00'	104°28'36"	100.26'	70.96'
C6	280.00'	36°08'26"	176.52'	91.36'
C7	320.00'	06°35'16"	36.79'	18.42'
C8	20.00'	86°22'15"	30.15'	18.77'
C9	30.00'	90°10'52"	47.22'	30.09'
C10	50.00'	31°00'10"	27.05'	13.87'
C11	55.00'	152°11'12"	146.09'	222.13'
C12	300.00'	36°08'26"	189.23'	97.88'
C13	300.00'	19°13'44"	100.68'	50.82'

DOUBLE ARROW PLACE

SIDEWALK RAMPS TRANSITION TABLE

GRADE (%)	RAMP SLOPE (%)	MIN. LENGTH (FT)
+1.0 to +2.0	4.0	21
+2.0 to +4.0	4.0	21
+4.0 to +6.0	4.0	21
+6.0 to +8.0	4.0	21
+8.0 to +10.0	4.0	21
+10.0 to +12.0	4.0	21
+12.0 to +14.0	4.0	21
+14.0 to +16.0	4.0	21
+16.0 to +18.0	4.0	21
+18.0 to +20.0	4.0	21
+20.0 to +22.0	4.0	21
+22.0 to +24.0	4.0	21
+24.0 to +26.0	4.0	21
+26.0 to +28.0	4.0	21
+28.0 to +30.0	4.0	21
+30.0 to +32.0	4.0	21
+32.0 to +34.0	4.0	21
+34.0 to +36.0	4.0	21
+36.0 to +38.0	4.0	21
+38.0 to +40.0	4.0	21
+40.0 to +42.0	4.0	21
+42.0 to +44.0	4.0	21
+44.0 to +46.0	4.0	21
+46.0 to +48.0	4.0	21
+48.0 to +50.0	4.0	21

BENCHMARK
 C.L.V.B.M. #0LV0021E4
 RIVET & PLATE IN TOP OF CURB/NW RETURN OF BUFFALO DRIVE & LAKE MEAD BLVD.
 ELEVATION = 2425.487'

QUANTITY ESTIMATE

2" ASPHALTIC CONCRETE	3,378 SY
30" ROLL-TYPE CURB & GUTTER	1,517 LF
CONCRETE VALLEY GUTTER	689 SF
6" CONCRETE SIDEWALK	5,794 SF

THESE QUANTITIES ARE ONLY ESTIMATES, CONTRACTOR TO VERIFY.

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

STREET & SEWER PLAN & PROFILE
(DOUBLE ARROW PLACE & EAGLE EYE AVENUE)
 PROJECT: **LA MIRADA UNIT 1**

W.O. #: 721 - B041
 BY: CFA / DTB
 DATE: JULY 1993
 SCALE: HORIZ. 1"=40'
 VERT. 1"=4'
 SHEET: **8**
 OF 13 SHEETS

11-9-63

107Y-4301-1