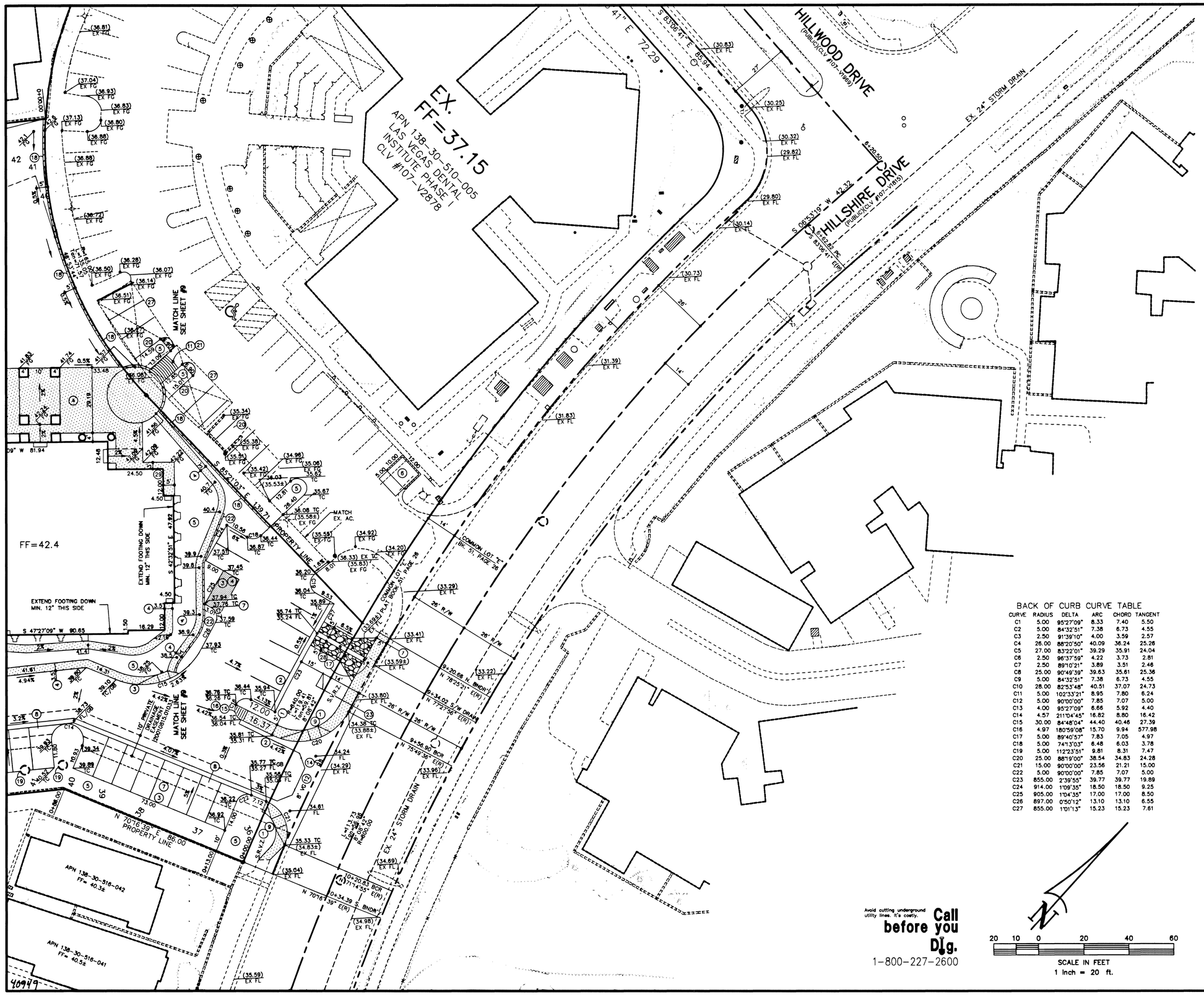

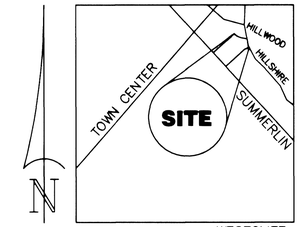

VICINITY MAP

BASIS OF BEARINGS

N 83 06'41" W BEING THE CENTER LINE OF HILLWOOD DR. PER PLAT BK. 51, PG. 26.

BENCHMARK

CITY OF LAS VEGAS B.M. #OLV00 19S4, RIVET & ALUM. PLATE IN TC ● NE COR. OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND
NAVD '88 ELEV. = 831.8074 M = 2728.37'
TOPOGRAPHIC INFORMATION PROVIDED BY WESCO SURVEYS, INC., DATED 3/1/01

LEGEND

CL	CENTERLINE
R/W	RIGHT-OF-WAY
FG	FINISH GRADE
FL	FLOW LINE
EX	EXISTING
TC	TOP OF CURB
BCR	BEGIN CURVE RETURN
SVRZ	SIGHT VISIBILITY RESTRICTION ZONE
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
	NATURAL GROUND CONTOUR
FF	FINISH FLOOR

REFERENCE
APN 138-30-510-013

LEGAL DESCRIPTION
POR. NW1/4 NE1/4 SEC. 30, T.20S., R.60E., M.D.M., CITY OF LAS VEGAS, CLARK CO., NV, SURVEY AREA 5, R.O.S., FILE 113, PAGE 55; R.O.S., FILE 115, PAGE 52 LOT 3, PLAT BOOK 51, PAGE 26 COMMON AREA "S", PLAT BOOK 51, PAGE 26

SOILS REPORT
TERRACON 4343 S. POLARIS AVENUE L.V., NV 89103 (702) 597-9393 #64975182, DATED JUNE 4, 1997

FLOOD ZONE DESIGNATION
UN-SHADED FLOOD ZONE "X" COMMUNITY MAP NUMBER 32576 C 2145 D AUGUST 16, 1995

CONSTRUCTION NOTES

1. 5' SIDE WALK PER S.I.S. DWG # S-72
2. "L" TYPE CURB & GUTTER PER S.I.S. DWG #S-47
3. "A" TYPE CURB PER S.I.S. DWG #S-50
4. CONCRETE SIDE WALK PER S.I.S. DWG #S-54 (PATTERN TO MATCH EX. PHASE I)
5. PLANTER AREA
6. TRASH ENCLOSURE PER ARCHITECTURAL PLANS (MATCH EX. GRADES)
7. AC PAVING PER SOILS REPORT
   AUTO PARKING 2" AC/3" TYPE II
   MAIN CORRIDOR 3" AC/3" TYPE II
8. 24" VALLEY GUTTER PER DETAIL SHT #13
9. SIDE WALK RAMP PER STD DWG # 235 CASE I

CURVE	SLOPE	"A"	"B"
C21	-0.98%	8.0'	8.0
C20	+3.71%	12.0'	4.5'
C15	+2.63%	9.5'	4.5'

10. 9 RISERS @ 5-1/2" EACH
11. 11 RISERS @ 6" EACH
12. 8' CROSS GUTTER PER S.I.S DWG #S-64
13. 2 RISERS @ 4" EACH
14. EX. IRRIGATION BOX & VALVES TO BE RELOCATED
15. 6" RISE/RAMP w/ DETECTABLE WARNINGS
16. DEPRESS CURB FOR ACCESSIBLE ROUTE
17. LANDSCAPE/WALKWAY UNDER DRAIN PER S.I.S DWG #D-31 (WIDTH = 24")
18. "ANCHOR DIAMOND" RETAINING WALL PER SECTION SHT #13
19. OMIT "A" CURB @ EX. MAN HOLE COVER
20. REMOVE EX. TRASH ENCLOSURE & INSTALL AC PAVING TO MATCH EX. SECTION (MATCH EX. GRADES)
21. REMOVE EX. AC PAVING & COVERED PARKING TO ALLOW INSTALLATION OF NEW STEPS, "A" CURB, & PLANTER AREA
22. "ANCHOR DIAMOND" RETAINING WALL AS NECESSARY TO A MAXIMUM HEIGHT OF 36"
23. SEE SECTION SHT #13
24. 25. 26. SEE SECTION SHT #14
27. REMOVE EX. & RELOCATE COVER PARKING STRUCTURE (SEE ARCHITECTURAL PLANS)
28. D50-6" ROCK (12" THICK) ROCK COLOR TO MATCH SURROUNDING AREA (SEE SECTION SHT # 13)
29. SEE SECTION SHEET #13
30. DRAIN PER DETAIL SHT #13

BACK OF CURB CURVE TABLE

CURVE	RADIUS	DELTA	ARC	CHORD	TANGENT
C1	5.00	95°27'09"	8.33	7.40	5.50
C2	5.00	84°32'51"	7.38	6.73	4.55
C3	2.50	91°39'10"	4.00	3.59	2.57
C4	26.00	88°20'50"	40.09	36.24	25.26
C5	27.00	83°22'01"	39.29	35.91	24.04
C6	2.50	96°37'59"	4.22	3.73	2.81
C7	2.50	89°10'21"	3.89	3.51	2.46
C8	25.00	90°49'39"	39.63	35.61	25.36
C9	5.00	84°32'51"	7.38	6.73	4.55
C10	28.00	82°53'48"	40.51	37.07	24.73
C11	5.00	102°33'21"	8.95	7.80	6.24
C12	5.00	90°00'00"	7.85	7.07	5.00
C13	4.00	95°27'09"	6.66	5.92	4.40
C14	4.57	211°04'45"	16.82	8.80	16.42
C15	30.00	84°48'04"	44.40	40.46	27.39
C16	4.97	180°59'08"	15.70	9.94	577.98
C17	5.00	89°40'57"	7.83	7.05	4.97
C18	5.00	74°13'03"	6.48	6.03	3.78
C19	5.00	112°23'51"	9.81	8.31	7.47
C20	25.00	88°19'00"	38.54	34.83	24.28
C21	15.00	90°00'00"	23.56	21.21	15.00
C22	5.00	90°00'00"	7.85	7.07	5.00
C23	855.00	2°39'55"	39.77	39.77	19.89
C24	914.00	1°09'35"	18.50	18.50	9.25
C25	905.00	1°04'35"	17.00	17.00	8.50
C26	897.00	0°50'12"	13.10	13.10	6.55
C27	855.00	1°01'13"	15.23	15.23	7.61

Avoid cutting underground utility lines. It's costly. **Call before you Dig.** 1-800-227-2600

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

SAM C. DUNNAM, P.E. DATE

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA SAM C. DUNNAM CIVIL No. 7886

SCALE: 1" = 20'

NO.	DATE	REVISION

DUNNAM CIVIL ENGINEERS
3471 WEST CHEYENNE ROAD SUITE 101 LAS VEGAS, NV 89118
(702) 739-1238 (702) 307-6945 FAX

LAS VEGAS DENTAL INSTITUTE PHASE II

GRADING PLAN

SHEET 10 OF FOURTEEN

CLV DRAWING # 107-V2878-3