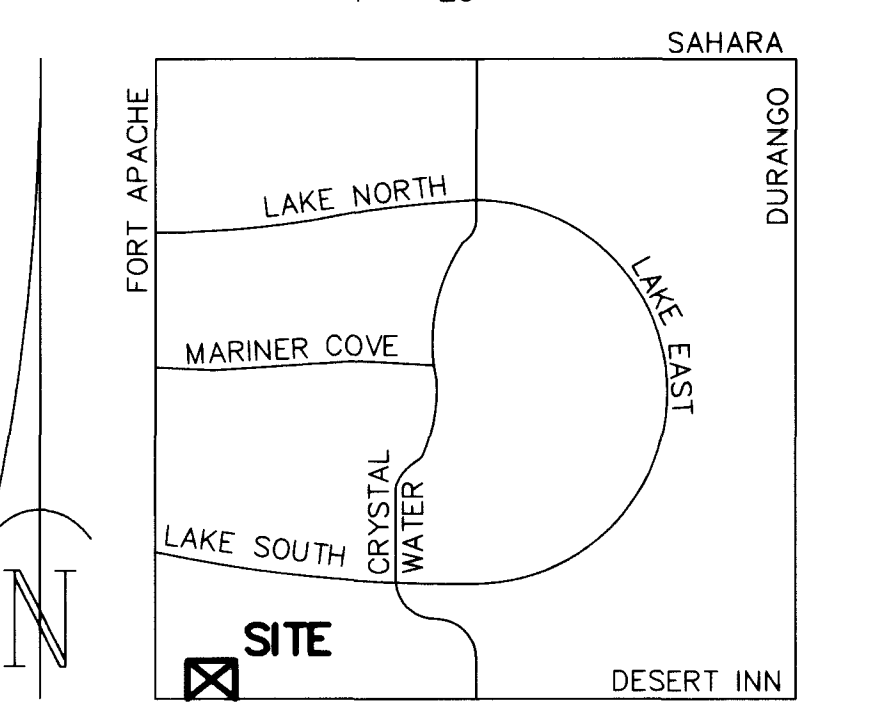
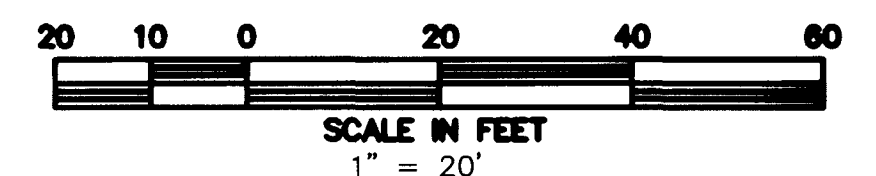


Avoid cutting underground utility lines. If a costly. Call before you dig. 1-800-227-2600

BASIS OF BEARINGS
 S 88°51'13" E, BEING THE SOUTH LINE OF THE SW 1/4 SECTION 8, T.21S., R.60E., M.D.M., AS SHOWN IN BOOK 73, PAGE 90, OF PLATS.

BENCHMARK
 CITY OF LAS VEGAS BENCH MARK # 1LV10 7SES BEING A RIVET AND PLATE IN THE TOP OF CURB NW RETURN OF DESERT INN ROAD AND FORT APACHE ROAD. ELEV=832.1847 METERS (2730.26 FEET) NAVD 88



LOCATION

CURVE	DELTA	RADIUS	ARC LENGTH	CHORD	TANGENT	CHORD BRG
1	101°38'32"	30.00	35.48	31.01	24.54	
2	122°29'20"	15.00	32.07	26.30	27.34 N 29°54'07"E	
3	117°30'40"	5.00	10.25	8.55	8.24 S 89°54'07"W	
4	22°08'42"	61.48	23.76	23.61	12.03 N 77°46'52"W	
5	112°08'42"	10.00	19.57	16.59	14.87 N 57°13'08"E	
6	54°47'13"	37.00	35.38	34.05	19.17	
7	56°04'36"	65.00	63.62	61.11	34.82 S 29°11'05"W	
8	84°45'20"	5.00	7.40	6.74	4.56 S 75°09'17"E	
9	180°00'00"	2.68	8.41	5.35	N 58°51'13"W	
10	120°00'00"	15.00	31.42	25.98	25.98 S 28°51'13"E	
11	90°00'00"	15.00	23.56	21.21	15.00 N 46°08'47"E	

LEGEND

- 2:1 SCARP
- CL CENTERLINE
- R/W RIGHT-OF-WAY
- FG FINISH GRADE
- FL FLOW LINE
- EX EXISTING CURVE RETURN
- BCR BEGIN CURVE RETURN
- TC TOP OF CURB
- FTG TOP OF FOOTING
- TRW TOP OF RETAINING WALL
- NGC NATURAL GROUND CONTOUR
- RETW RETAINING WALL
- BW BLOCK WALL
- EA EDGE OF EX. ASPHALT
- FF FINISH FLOOR

REFERENCE
 APN 163-08-421-005
 ZONING = C-1 (Z-122-97)
 U-10-98

SOILS REPORT:
 TERRACON #64985043
 4343 SOUTH POLARIS, L.V., NV 89103
 (702) 597-9393

LEGAL DESCRIPTION
 POR. SW 1/4 SEC. 8,
 T.21S., R.60E., M.D.M.,
 CLARK COUNTY, NEVADA.
 POR. PLAT BOOK 73, PAGE 90,
 DEED BOOK 980213, INST. 01813

FLOOD ZONE DESIGNATION
 FLOOD ZONE "X" DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOOD PLAIN COMMUNITY MAP NUMBER 32003 C 2145 D AUGUST 16, 1995

- CONSTRUCTION NOTES**
- 1) 5' SIDEWALK PER STD DWG #234
 - 2) 8' VALLEY GUTTER PER STD DWG #228
 - 3) "L" TYPE CURB & GUTTER PER STD DWG #216
 - 4) "A" TYPE CURB PER STD DWG #219
 - 5) "DRAIN THRU" PER DETAIL SHT #12
 - 6) PLANTER AREA
 - 7) AC PAVING PER SOILS REPORT
 AUTO PARKING 2" AC/4" TYPE II
 MAIN CORRIDORS 3" AC/4" TYPE II BASE
 - 8) CONCRETE SIDE WALK PER SOILS REPORT
 - 9) SIDE WALK RAMP PER STD DWG #235 CASE I
 CURVE SLOPE "A" "B"
 C1 +4.83% 15.0' 4.5'
 C2 -3.90% 4.5' 12.0'
 - 10) SIDE WALK RAMP PER STD DWG #235 CASE III
 CURVE SLOPE "A" "B"
 C10 +3.79% 12.0' 4.5'
 C11 +0.59 8.0' 8.0'
 - 11) 6" RISE/RAMP W/ DETECTABLE WARNINGS
 - 12) SIDE WALK DRAIN PER STD DWG #236
 - 13) DEPRESS CURB 6" FOR ACCESS
 - 14) 3.0" WIDE WROUGHT IRON GATE
 - 15) REMOVE EX. SIDEWALK AND REPLACE PER STD DWG #224 W/O DEPRESS CURB
 - 16)
 - 17) ACCESS EASEMENT PER STD DWG #225

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 DUNNAM, P.E. DATE

REVISION	BY	DATE
2	2/3/99	acd
1	1/7/99	PAG
		REV
		DATE
		BY

GALLAHER CONSTRUCTION, INC.
 9066 BROOKS ROAD SOUTH
 WINDSOR, CA 95492
 (707) 836-0473

DUNNAM CIVIL ENGINEERS
 3305 SPRING MOUNTAIN ROAD SUITE 82
 LAS VEGAS, NV 89102
 (702) 367-0588
 (702) 367-8145 FAX

GRADING PLAN

OAKMONT RETIREMENT COMMUNITY #4

SHEET: G1
 6 OF 13 SHEETS

DRAWING NO. 101-V2893

SCALE: 1" = 20'

Re-plot

