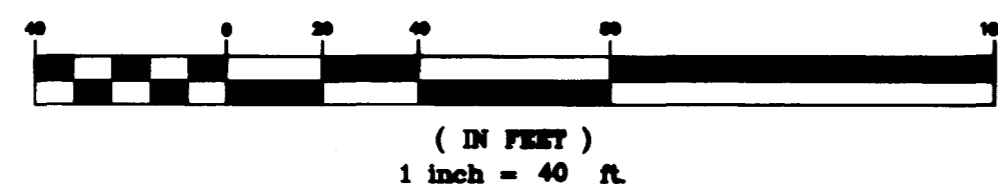


**PAVING NOTE**

ON-SITE PAVING SECTION TO BE AS FOLLOWS:  
2" ASPHALT CONCRETE ON 6" TYPE 1 AGRGREGATE  
BASE ON 6" RECOMPACTED NATIVE. SEE SOILS REPORT

**GRAPHIC SCALE**



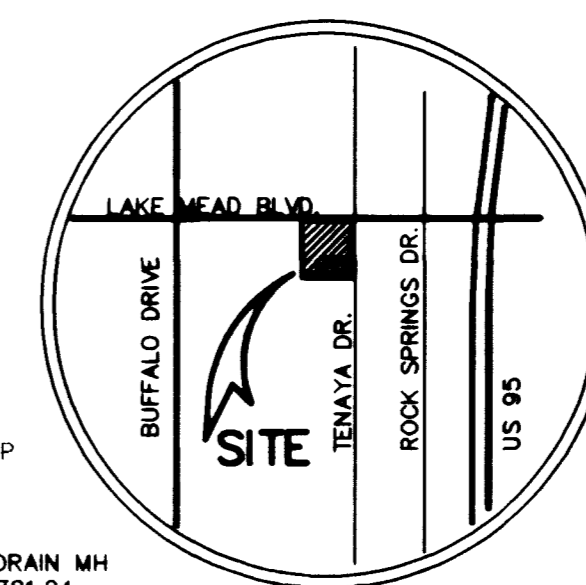
**BASIS OF BEARINGS**

THE NORTH LINE OF THE NE 1/4 OF THE SW 1/4 OF SECTION 22,  
T20S, R60E, M.D.M., AS SHOWN ON THE AMENDED PARCEL MAP  
RECORDED IN FILE 78, PAGE 12 OF PARCEL MAPS ON FILE  
IN THE CLARK COUNTY RECORDERS OFFICE, SAID BEARING BEING S89°19'53"E

**ENGINEER'S CERTIFICATE**

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, EDWARD F. TANEY, P.E. DATE 3/23/98

**VICINITY MAP**



**LEGEND**

- RETAINING/SCREEN WALL
- EXIST. BLOCK WALL
- EXISTING IMPROVEMENTS
- INTERMEDIATE CONTOUR
- PROPOSED CONTOUR
- SCARP
- SWALE
- SETBACK LINE
- EDGE OF PAVEMENT
- FINISHED FLOOR
- FINISHED GRADE
- FLOW LINE
- TOP OF CURB
- TOP OF GRATE
- TOP RETAINING WALL
- NOT INCORPORATED
- BEGIN CURB RETURN
- HC ACCESS ROUTE
- SLOPES NOT TO EXCEED 2% CROSS/5% LONGITUDE

NOTE: ALL CURB RETURN DIMENSIONS ARE TO BACK OF CURB

CURVE	RADIUS	LENGTH	DELTA
C1	19.50	29.41	86°24'07"
C2	14.50	23.20	91°30'28"
C3	14.50	13.21	52°12'19"
C4	24.50	39.17	91°35'40"
C5	19.50	30.09	88°24'20"
C6	19.50	31.17	91°35'44"
C7	14.50	14.66	57°58'43"
C8	24.50	37.84	88°30'12"
C9	14.50	22.65	89°30'58"
C10	19.50	30.64	90°01'50"
C11	19.50	30.82	89°58'10"
C12	14.50	22.78	90°01'50"
C13	19.50	30.63	90°00'00"
C14	14.50	22.78	90°00'00"
C15	19.50	30.69	90°01'50"
C16	25.00	39.28	90°00'43"

**LEGAL DESCRIPTION**

BEING A PORTION OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4  
OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 20 S, RANGE 60  
EAST, MDM, CLARK COUNTY NEVADA

**GRADING NOTES**

1. ALL GRADES SHOWN ARE 3 FEET BELOW ROUGH GRADE TO ALLOW FOR LANDSCAPING EXCEPT TC, FL, AND FG, WHICH ARE TO FINISH GRADE.
2. FINAL GRADES ADJACENT TO STRUCTURE AFTER LANDSCAPING SHALL BE 0.7 FEET BELOW FINISH FLOOR GRADE.
3. THE QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND DISCREPANCIES TO THE ENGINEER BEFORE BEGINNING WORK.
5. PAD ELEVATION IS TO BE 0.80 FEET BELOW FINISH FLOOR.
6. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION.
7. ALL SLOPES ARE TO BE TWO FEET HORIZONTAL TO ONE FOOT VERTICAL UNLESS OTHERWISE NOTED.
8. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
9. SEE PLAN AND PROFILE AND DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.
10. ALL WORK PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
11. ALL WORK PERFORMED WITHIN PUBLIC RIGHT OF WAY AND OUTSIDE OF THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.

**CONSTRUCTION NOTES**

1. CONSTRUCT 8" CROSS GUTTER PER CLV STD DWG # 228 AND COMM DRIVEWAY PER DWG # 225. SAWCUT & REMOVE EX CURB, GUTTER AND SIDEWALK ON LAKE MEAD.
2. CONSTRUCT 5" SIDEWALK PER CLV STD DWG # 234
3. INSTALL TYPE "A" CURB PER CLV STD DWG # 219
4. INSTALL TYPE "L" CURB PER CLV STD DWG # 216
5. CONSTRUCT 24" CONCRETE VALLEY GUTTER
6. CONSTRUCT HANDICAP RAMP PER CLV STD DWG # 235  
i) A=8', 8.0' ii) A=4.5', B=9.5'  
iii) A=4.5', B=12.0' iv) A=4.5, B=12.0'
7. CONSTRUCT DIAMOND SHAPE PLANTER ISLAND WITH TACK ON ISLAND CURB CLV DWG # 220 (TYP). NO PAVING INSIDE PLANTER.
8. CONSTRUCT A 12" HIGH SCREEN WALL AGAINST EXISTING WALL AT SOUTH PROPERTY LINE
9. CONSTRUCT TACK ON ISLAND CURB PER CLV STD DWG # 220
10. RELOCATE EXISTING POWER POLE, CABLE TV BOX AND TELEPHONE MANHOLE OUTSIDE OF PROPOSED DWYS ON LAKE MEAD AND TENAYA
11. INSTALL 3" WIDE HC ACCESS PATH AROUND EXISTING POWER POLE CROSS SLOPES NOT TO EXCEED 2%
12. INSTALL SIDEWALK UNDERDRAIN PER CLV DWG # 236
13. INSTALL EXTENDED DEPTH CURBING (APPROX 2.5')
14. INSTALL 12" WIDE TRENCH DRAIN WITH TRAFFIC BEARING GRATES
15. PEB BOYS CONTRACTOR TO INSTALL SLUMP PUMP FOR TRENCH DRAIN AND DAYLIGHT FLOW INTO PLANTER WEST OF PEB BOYS
16. CONSTRUCT MONUMENT WALL PER CLV STD BLOCK WALL DETAIL HEIGHT & CONFIGURATION VARIES. SEE LANDSCAPE PLAN WALLS TO BE OUTSIDE SWRE AS SHOWN ON SHEET 5
17. INSTALL HANDICAP PARKING SIGN PER DETAIL SHEET 4

**BENCHMARK**

CITY OF LAS VEGAS VERTICE CONTROL BENCHMARK  
NO. CLV002266 RIVET & PLATE IN TOP OF CURB ON LAKE  
MEAD BLVD. 400' WEST OF ROCK SPRINGS DRIVE, NORTH  
CURB LINE, ELEVATION 2368.48 (NORTH AMERICAN  
VERTICAL DATUM)

**NOTICE!**

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONSIDERATION OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. THE CONTRACTOR BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

BEFORE YOU  
CALL  
1-800-227-2600  
EXTENSION 3000

DATE: 3-17-98  
BY: SFC  
REVISION: 1  
DATE: 3-20-98  
BY: SFC  
REVISION: 2  
DATE: 4-11-98  
BY: SFC  
REVISION: 3

PROJECT: 107-V2789

JOB # 710506  
NAME: S. CREVOISERAT  
DATE: 23 JANUARY 1998  
SCALE: 1" = 40'  
PAGE: 2  
107-V2789

ALPHA & ENGINEERING COMPANY

**GRADING PLAN**

**LAKE MEAD PAVILION**

FILE: 107-V2789

PROJECT: 107-V2789

DATE: 23 JANUARY 1998

SCALE: 1" = 40'

PAGE: 2

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