

MATCHLINE SEE SHEET C5.05

architecture
interiors
planning
engineering

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PBSJ

ENGINEERING PLANNING SURVEYING
CONSTRUCTION SERVICES

2270 Corporate Circle
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MATCHLINE SEE SHEET C5.01

CITY OF LAS VEGAS
FREEDOM PARK RENOVATION
850 NORTH MOJAVE, LAS VEGAS, NEVADA 89101
GRADING PLAN 4

REGISTERED PROFESSIONAL ENGINEER

Corey A. Leber

CIVIL ENGINEER

NO. 015875

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89011
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

FILE: 3008-C5.04g
DATE: DECEMBER 1, 2008
SCALE: 1" = 30'
BID NO: 070354
CLV DWG NO: H30306 650.22-18
SHEET NO: SHEET 38 OF 78

C5.04

MATCHLINE SEE SHEET C5.07

NOTE: THIS SITE IS LOCATED WITHIN SHADED FLOOD ZONE X PER FIRM
PANEL No. 32003c2186 E DATED: SEPT. 27, 2002.

CONSTRUCTION NOTES

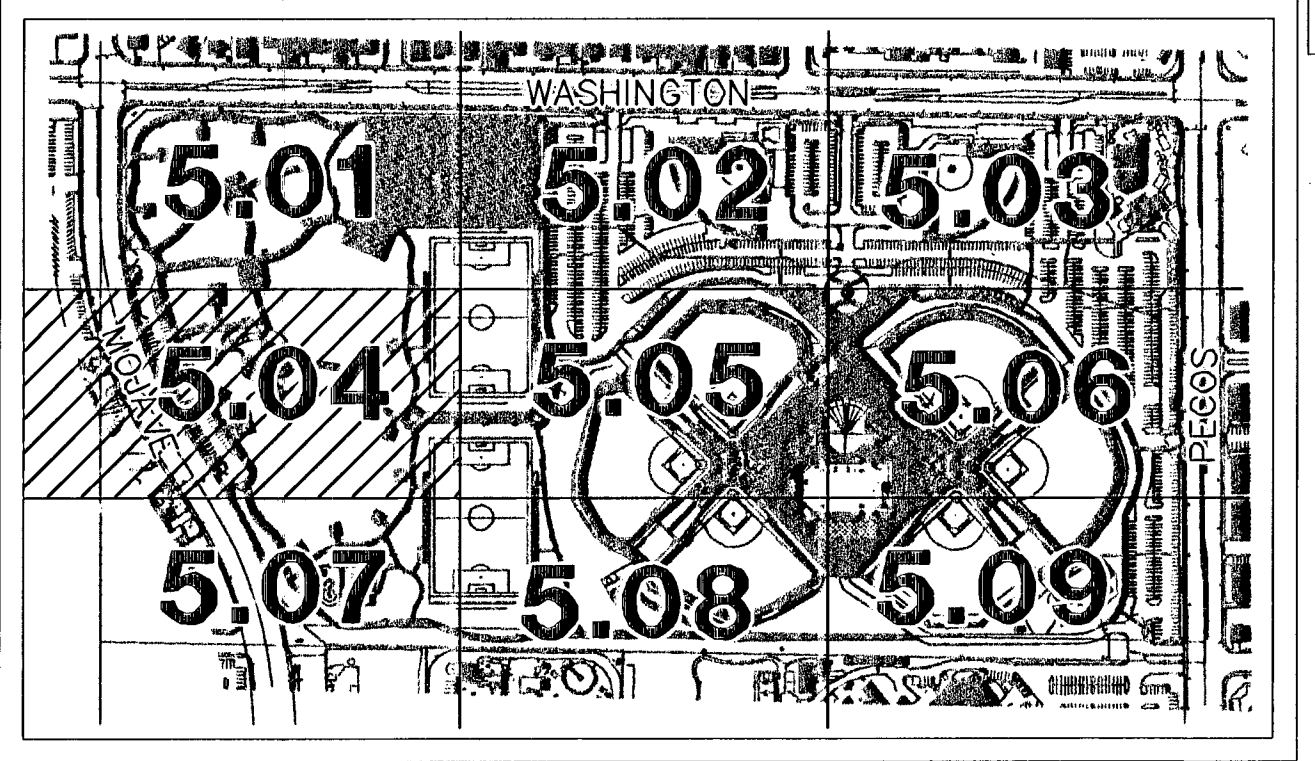
- 1 CONSTRUCT TYPE "A" CURB PER DETAIL 8 ON SHEET C2.02.
- 2 CONSTRUCT "L" TYPE CURB AND GUTTER PER DETAIL 12 ON SHEET C2.02.
- 3 CONSTRUCT SIDEWALK DRAIN PER DETAIL 3 ON SHEET C2.01.
- 4 CONSTRUCT "O" FACE CURB PER DETAIL 13 ON SHEET C2.02.
- 5 CONSTRUCT 3" VALLEY GUTTER PER DETAIL 5 ON SHEET C2.01.
- 6 CONSTRUCT 8" CROSS GUTTER PER DETAIL 1 ON SHEET C2.01.
- 7 TRASH ENCLOSURE. REFER TO DETAIL G ON SHEET LC-1h.
- 8 CONSTRUCT SIDEWALK PER DETAIL 9 ON SHEET C2.02.
- 9 CONSTRUCT SIDEWALK RAMP CASE 1 PER DETAIL 2 ON SHEET C2.01.
- 10 CONSTRUCT 3" CONCRETE FLUME PER DETAIL 14 ON SHEET C2.02.
- 11 PEDESTRIAN ENTRY GATE. REFER TO DETAIL F ON SHEET LC-3d.
- 12 CONSTRUCT ASPHALTIC CONCRETE PAVEMENT PER DETAIL 6 ON SHEET C2.01.
- 13 INSTALL PRECAST BUMPER BLOCK PER DETAIL 10 ON SHEET C2.02.
- 14 INSTALL DECORATIVE FENCE PER DETAIL G ON SHEET LC-3d.
- 15 CONSTRUCT 12" MOW CURB PER DETAIL P ON SHEET LC-3b.
- 16 DRINKING FOUNTAIN PER DETAIL C ON SHEET LC-3f.
- 17 INSTALL REMOVABLE BOLLARD PER DETAIL J ON SHEET LC-3e. (OMIT CHAIN LOCK LOOP)
- 18 DETECTABLE WARNING TILES PER DETAIL 6A ON SHEET C2.01
- 19 DECOMPOSED GRANITE PER DETAIL A ON SHEET LC-3c.
- 20 NEW 8" THICK CONC. PER DETAIL 21 ON SHEET C2.03.
- 21 NEW 40' x 40' TYPE 'A' SHADE STRUCTURE. REFER TO DETAIL ON SHEET LC-1h.
- 22 SIGNAGE: DROWNING RISK. SEE DETAIL 1 ON SHEET C5.07
- 23 6" HIGH CHAINLINK FENCE. REFER TO DETAIL F ON SHEET LC-3e.
- 24 CONCRETE BENCH ON 4"x11" CONC PAD. SEE DETAIL 'I' ON SHEET LC-3f. REFER TO SPECIFICATIONS FOR CITY STANDARD.
- 25 SIGNAGE: WINTER IRRIGATION. SEE DETAIL C ON SHEET LC-3h FOR MORE INFO. REFER TO CITY STD S20282-24.
- 26 TRASH RECEPTACLE. REFER TO DETAIL I ON SHEET LC-3f.
- 27 SIGNAGE: PARK RULES. SEE DETAIL C ON SHEET LC-3h FOR MORE INFO. REFER TO CITY STD 02882-20.
- 28 DOG WASTE RECEPTACLE. REFER TO DETAIL K ON SHEET LC-3f.
- 29 PICNIC AREA. REFER TO DETAIL C ON SHEET LC-1h FOR MORE INFO.
- 30 BASKETBALL STANDARD PER DETAIL N ON SHEET LC-3b.
- 31 12' x 6' H CHAINLINK VEHICULAR GATE PER DETAIL H ON SHEET LC-3e.
- 32 BLEACHERS. INSTALL PER MANUFACTURER SPECIFICATIONS.
- 33 CONSTRUCT SOCCER FIELD 6" MOW CURB PER DETAIL C ON SHEET LC-3b.
- 34 4' x 6' H CHAINLINK PEDESTRIAN GATE PER DETAIL C ON SHEET LC-3h.
- 35 SMALL GROUP PICNIC AREA PER DETAIL B ON SHEET LC-1h.
- 36 VEHICULAR ENTRY GATE PER DETAIL ON SHEET LC-1h.
- 37 ENTRY PLAZA AREA. REFER TO DETAIL D ON SHEET LC-1g FOR MORE INFO.
- 38 INSTALL 20' HIGH SAFETY NETTING. SEE LANDSCAPE PLANS.
- 39 INSTALL 35' HIGH SAFETY NETTING. SEE LANDSCAPE PLANS.
- 40 INSTALL 70' HIGH SAFETY NETTING. SEE LANDSCAPE PLANS.
- 41 SIGNAGE: REPORT VANDALISM. SEE DETAIL C ON SHEET LC-3h
- 42 TEAM BENCH. INSTALL PER MANUFACTURER'S SPECS.
- 43 PEDESTRIAN SAFETY NETTING. NET SERVICES TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION

STORM DRAIN CONSTRUCTION NOTES

- 1 CONSTRUCT 48" TYPE I MANHOLE PER DETAIL ON SHEET C2.08
 - 2 CONSTRUCT 60" TYPE I MANHOLE PER DETAIL ON SHEET C2.08
 - 3 CONSTRUCT 60" TYPE III MANHOLE PER DETAIL ON SHEET C2.08. INSTALL CONCRETE COLLAR ON GRATED MANHOLES PER DETAIL 16 ON SHEET C2.03.
 - 4 INSTALL 24" W x 24" W AREA INLET DRAIN W/CONCRETE APRON PER DETAIL 17 & 18 ON SHEET C2.03
 - 5 INSTALL 36" W x 36" W AREA INLET DRAIN W/CONCRETE APRON PER DETAIL 17 & 19 ON SHEET C2.03
 - 6 INSTALL 24"x36" DROP INLET PER DETAIL 20 ON SHEET C2.03
 - 7 INSTALL TRENCH DRAIN PER DETAIL 1 ON SHEET C2.08
- NOTE:
USE CLASS III RCP PIPE UNLESS OTHERWISE NOTED.

CURVE	RADIUS	LENGTH	A=	B=
C1	15,000'	23,5619'	8'	8'
C2	25,000'	38,5612'	8'	8'

KEY MAP



SOILS REPORT COMPLETED BY:
NINYO & MOORE
6700 PARADISE ROAD, SUITE E
LAS VEGAS, NEVADA 89119
PHONE: (702) 433-0330

FILE NO. 302116001
DATED: SEPTEMBER 19, 2006
UPDATED: SEPTEMBER 9, 2008

NOTE: ADD 1700 TO ALL PLAN GRADE ELEVATIONS.

Call before you Undergo
1-702-455-7511
1-702-455-7500
1-702-455-7500

Call before you Overhead
1-800-227-2800
1-702-227-2829
1-702-455-7544

BENCHMARK
CITY OF LAS VEGAS RIVET AND ROUND PLATE IN TOP OF CURB, SOUTHWEST CORNER OF WASHINGTON AND MOJAVE.
T205, R60E. ELEVATION FEET=1819.41
BM 2L01V 25C4 ELEVATION METERS=554.56 NAVD88

BASIS OF BEARING
THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY GIS CONTROL POINTS, "CC-GIS 806" AND "CC-GIS 808" AS SHOWN ON THE MAP THEREOF IN FILE 08 OF SURVEYS, PAGE 53. OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

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 054326

Corey A. Leber 12-1-08
COREY A. LEBER, P.E. No. 015875 DATE

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.