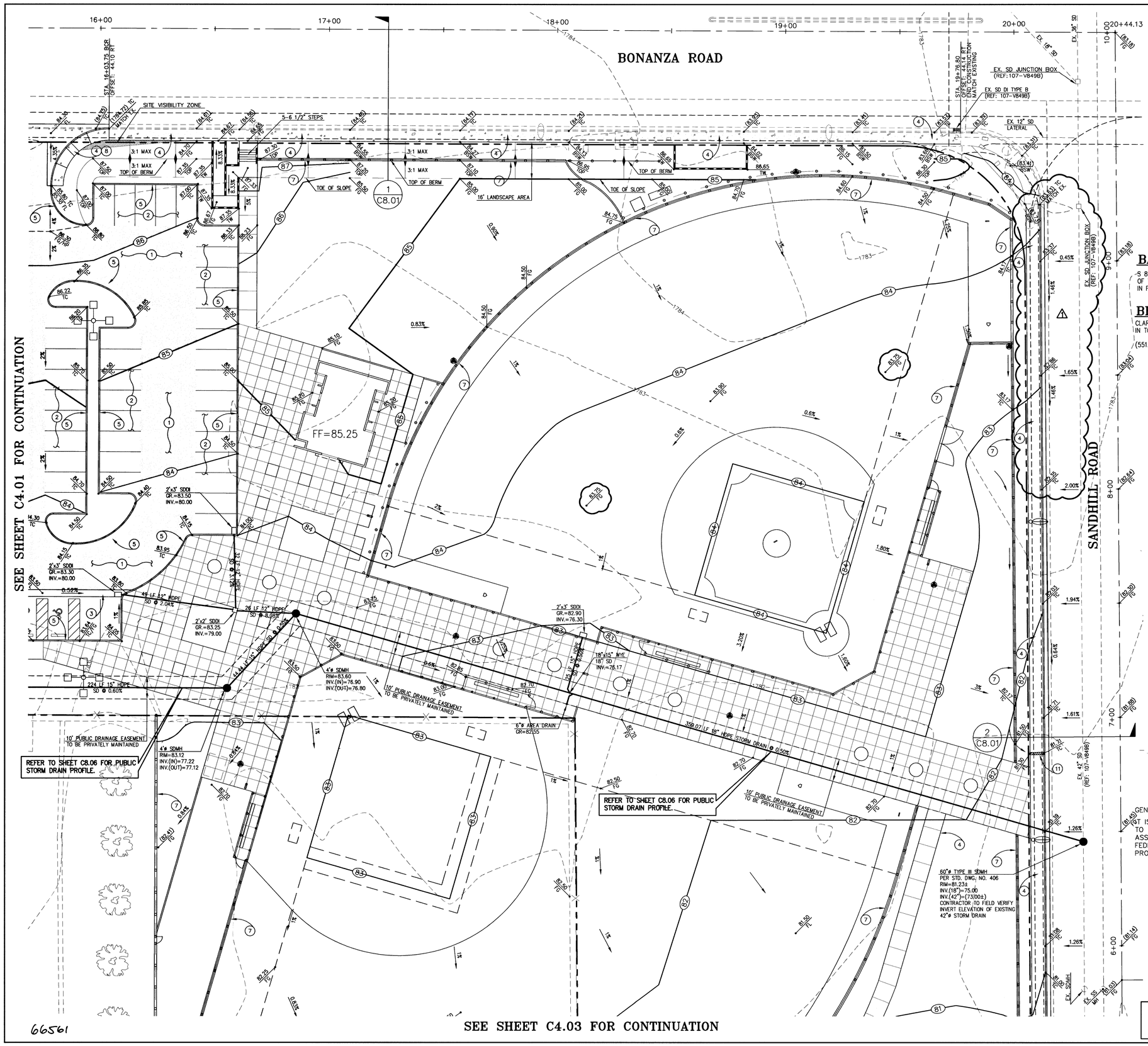

GEOTECHNICAL EVALUATION
PROPOSED BALL FIELDS AT
BONANZA RD. AND SANDHILL RD.
PROJECT NO. 300966001
JUNE 2002.
PREPARED BY NINYO & MOORE

NORTH

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

BASIS OF BEARING

S 89°46'25"E, BEING THE NORTH LINE OF THE NE 1/4 OF THE, NW 1/4, SECTION 31, T20S, R62E OF THE M.D.M., CLARK COUNTY, NEVADA, AS DELINEATED ON THAT CERTAIN PARCEL MAP RECORDED IN FILE 84, PAGE 28 ON DECEMBER 28, 1995 AS INSTRUMENT NO. 01450.

BENCHMARK

CLARK COUNTY BM 0C02195SW6 RIVET AND SQUARE ALUMINUM PLATE IN TOP OF CURB, NE OF OWENS AND VIRGIL.

(551.1961 m) 1808.38 ft

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

JOHN ENTSMINGER, P.E., PROJECT MANAGER DATE

PERMIT # XXXXXXXXX

CONSTRUCTION NOTES

1. CONSTRUCT 3" A.C. PAVEMENT OVER 15" TYPE II AGGREGATE BASE OVER 8" STRUCTURAL FILL OVER A GEOGRID LAYER.
2. CONSTRUCT 2 1/2" A.C. PAVEMENT OVER 8" TYPE II AGGREGATE BASE OVER 8" STRUCTURAL FILL OVER A GEOGRID LAYER.
3. CONSTRUCT 3' WIDE CONCRETE VALLEY GUTTER PER DETAIL 9/C8.01, SHEET 16 OF 21.
4. CONSTRUCT CONCRETE SIDEWALK (WIDTH PER PLANS) PER STD. DWG. NO. 234, DETAIL 17/C8.02.
5. CONSTRUCT "A" TYPE CURB AND GUTTER PER STD. DWG. NO. 219, DETAIL 14/C8.02.
6. CONSTRUCT "L" TYPE CURB AND GUTTER PER STD. DWG. NO. 216, DETAIL 15/C8.02.
7. CONCRETE MOW CURB, REFER TO LANDSCAPE PLANS FOR DETAILS.
8. CONSTRUCT SIDEWALK RAMP PER STD. DWG. NO. 235 CASE III, DETAIL 18/C8.02 (A=B=8' UNLESS NOTED OTHERWISE).
9. CONSTRUCT 8' CONCRETE VALLEY GUTTER PER STD. DWG. NO. 228, DETAIL 22/C8.02.
10. CONSTRUCT COMMERCIAL DRIVEWAY PER STD. DWG. NO. 222A, DETAIL 31/C8.04.
11. CONSTRUCT 12" WIDE SIDEWALK UNDERDRAIN PER STD. DWG. NO. 236, DETAIL 16/C8.02.

LEGEND

EXISTING	PROPOSED	
		RIGHT-OF-WAY
		CENTERLINE
—W—	—W—	WATER LINE
—S—	—S—	SANITARY SEWER LINE
—G—	—G—	GAS LINE
—SD—	—SD—	STORM DRAIN
—E—ø—	—E—ø—	POWER LINE / POWER POLE
—T—	—T—	TELEPHONE LINE
		FIRE HYDRANT
		WATER VALVE
		METERS / PULL BOXES
		REDUCER
		MANHOLE
		CLEANOUT
—00—	—00—	CONTOUR

STREET LIGHTS

100 W H.P.S.
150 W H.P.S.
200 W H.P.S.
250 W H.P.S.

EXISTING	PROPOSED	
		SCREEN / RETAINING WALL
	T	TRASH ENCLOSURE
		FENCE
	FF=0.00	FINISH FLOOR
(0.00)	0.00	CLEANOUT INVERT ELEVATION
(0.00) C.O. INV.		
(0.00)	0.00	FLOW LINE
1863.99 OR (0.00)	0.00	FINISH GRADE
	F.G.	
(0.00)	0.00	BACK OF SIDEWALK
B.S.W.	B.S.W.	
(0.00)	0.00	TOP OF CURB
T.C.	T.C.	
(0.00)	0.00	TOP OF WALL
T.O.W.	T.O.W.	
		A.C. PAVING
		TYPE "L" CURB & GUTTER
		TYPE "A" CURB
		CONCRETE

GENERAL NOTE:

IT IS THE CONTRACTORS RESPONSIBILITY TO FILE A NOTICE OF INTENT/REQUEST TO BE INCLUDED IN THE STORM WATER GENERAL PERMIT, AND SUBMIT THE ASSOCIATED STORMWATER POLLUTION PREVENTION PLAN (SPPP) AS REQUIRED BY FEDERAL LAW, AND MONITORED BY THE NEVADA DIVISION OF ENVIRONMENTAL; PROTECTION.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig—
1-800-227-2600
UNDERGROUND SERVICE ALERT (U.S.A.)

AVOID OVERHEAD POWER LINE CONTACT
Call before you OVERHEAD
1-702-593-6111
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

MARTIN & MARTIN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

AS BUILTS

CITY OF LAS VEGAS NEVADA

REVISIONS
1 REV. STREET GRADES 12-18-02

CONSULTANT

MARTIN & MARTIN
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Civil Engineers
2101 South Jones Blvd.
Suite 120
Las Vegas, Nevada 89146
Phone(702)248-8000
Fax (702)248-8070
E-MAIL MARTMARTIN@LVCM.COM

DEPARTMENT OF PUBLIC WORKS

BONANZA-SANDHILL PARK

GRADING PLAN

STAMP

PROFESSIONAL ENGINEER STATE OF NEVADA
JOHN A. ENTSMINGER
Exp. 12-31-04
CIVIL
No. 8365
06/30/03

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

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 382-8232
TDD: (702) 386-9108

DRAWN	V.J.W. / J.B.J.
FILE	1925GRADING.DWG
DATE	8-23-02
SCALE	1"=20'
BID NO	02.15341.07
CLV DWG NO	650.69
SHT NO	9

C4.02
SHEET 8 OF 21

DRAWINGS AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF THE OFFICER, PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR DOCUMENTING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. N. A. C. 623.390

H:\cad\land\1925\dwg\ASBUILTS\Sheets\1925GRADING.dwg, 06/30/03 02:18:50 PM, J. JUNSAY