

**LINE TABLE**  
DOES NOT INCLUDE FLOWLINE, SEE PLAN

LINE	LENGTH	BEARING
L1	93.79	N57°39'56"W
L2	49.20	N02°17'13"W
L3	122.45	N01°49'19"W
L4	73.61	N16°09'16"W
L5	111.93	N21°08'30"W
L6	106.82	S09°00'06"W
L7	123.42	S04°00'36"E
L8	49.20	S02°17'13"E
L9	6.52	S87°38'49"E
L10	40.08	S85°49'09"E
L11	90.08	N25°30'10"W
L12	30.42	S05°46'56"E
L13	NOT USED	NOT USED
L14	107.06	N09°00'06"E
L15	47.02	N87°38'55"W
L16	48.84	N02°17'13"W
L17	115.98	N03°52'03"W
L18	NOT USED	NOT USED
L19	23.96	N29°39'20"W
L20	94.82	N25°30'10"W
L21	121.81	S21°20'50"E
L22	44.78	S10°09'34"E
L23	111.33	S05°43'52"E
L24	147.16	S09°11'30"W
L25	93.82	S09°11'21"W
L26	1.88	N05°43'52"W
L27	103.83	N16°17'04"W
L28	20.26	N13°43'25"W
L29	94.79	N13°58'56"W
L30	13.00	N64°29'50"E
L31	9.27	N37°58'02"W
L32	85.39	N09°08'16"W
L33	58.87	N70°01'07"E
L34	32.67	S45°45'55"W
L35	32.67	N45°45'55"E

**CURVE TABLE**

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	90.66	200.00	46.12	25°58'20"
C2	104.18	218.26	53.10	27°20'57"
C3	22.19	225.00	11.10	5°39'01"
C4	16.74	28.00	8.63	34°15'08"
C5	260.84	232.00	146.15	64°25'10"
C6	18.27	50.00	9.24	20°56'26"
C7	24.20	40.00	12.48	34°39'45"
C8	22.66	62.00	11.46	20°56'26"
C9	274.34	244.00	153.71	64°25'10"
C10	5.46	25.74	2.74	12°09'28"
C11	40.73	200.00	20.44	11°40'10"
C12	119.31	5160.51	59.66	1°19'29"
C13	109.63	476.00	55.06	13°11'47"
C14	96.47	224.00	48.99	24°40'30"
C15	59.68	324.00	29.92	10°33'12"
C16	89.76	324.08	45.17	15°52'11"
C17	196.28	1224.56	98.35	9°11'01"
C18	93.46	2215.58	46.74	2°25'01"
C19	104.15	1631.94	52.09	3°39'24"
C20	203.47	2548.00	101.79	4°34'32"
C21	167.12	311.34	85.63	30°45'21"
C22	28.21	311.34	14.11	5°11'27"
C23	42.24	193.41	21.20	12°30'46"
C24	110.14	525.12	55.27	12°01'03"
C25	226.54	526.78	115.05	24°38'25"

**NORTHING/EASTING TABLE (AT FLOWLINE)**

MARK	NORTHING	EASTING
1	N 20748.9443	E 18539.2356
2	N 20697.3501	E 18566.9040
3	N 20650.7761	E 18585.0938
4	N 20603.4883	E 18601.1675
5	N 20554.3107	E 18610.1842
6	N 20504.3877	E 18613.8857
7	N 20454.5889	E 18617.2522
8	N 20404.6602	E 18620.0306
9	N 20354.8073	E 18623.4706
10	N 20305.9114	E 18633.6814
11	N 20258.7804	E 18650.2130
12	N 20214.3871	E 18673.0095
13	N 20136.8624	E 18735.7545
14	N 20095.7398	E 18707.3109
15	N 20054.1318	E 18679.6115
16	N 20009.8553	E 18656.4347
17	N 19963.0208	E 18639.3378
18	N 19913.6631	E 18631.3493
19	N 19870.8563	E 18624.4211

**BLM (TO REMAIN UNDISTURBED)**  
**ABSOLUTELY NO CONSTRUCTION ACTIVITY ALLOWED**

**LEGEND**

DESCRIPTION	PROPOSED	EXISTING	FUTURE
EASEMENT LINE	---	---	N/A
BOUNDARY LINE	---	---	N/A
ROW LINE	---	---	N/A
CENTERLINE	---	---	N/A
CONCRETE CURB	---	---	N/A
FINISH FLOOR ELEV.	FF- 221	(FF= 221)	[FF= 221]
FENCE	---	---	N/A
EDGE OF PAVEMENT	---	---	N/A
A.C. SAWCUT	---	N/A	N/A
STEPPED GABION LINING	---	N/A	N/A
CONCRETE	---	N/A	N/A
SOIL CEMENT	---	N/A	N/A
C100/L100	---	---	---

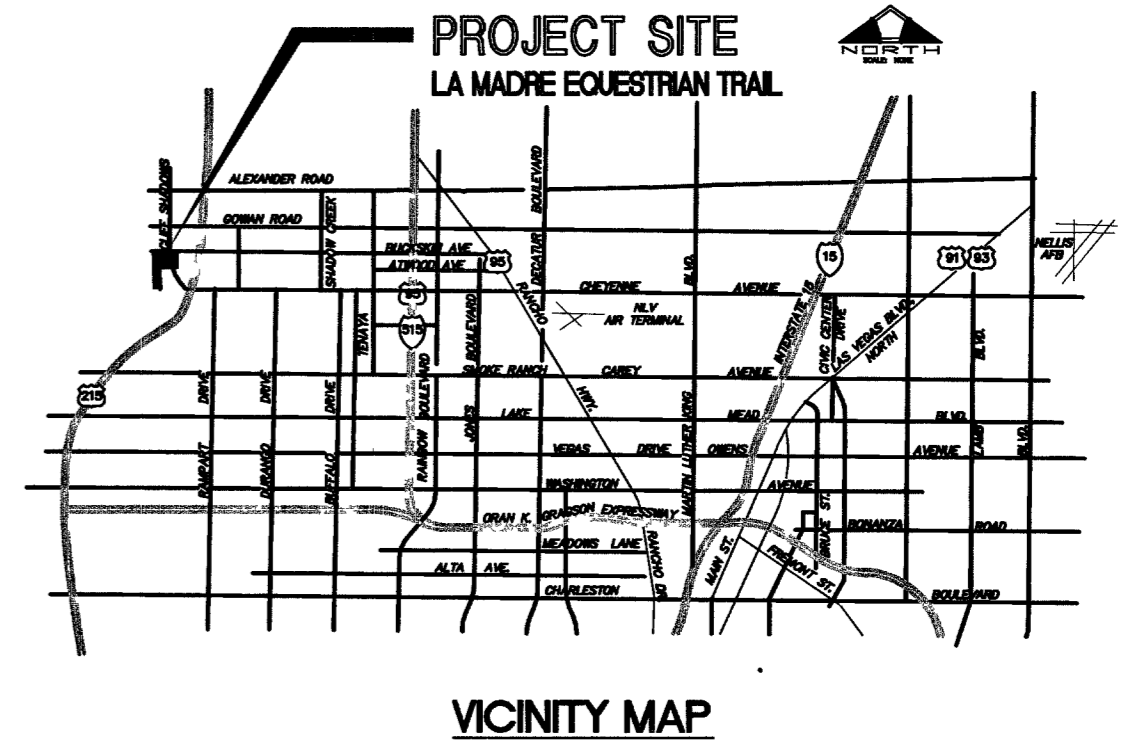
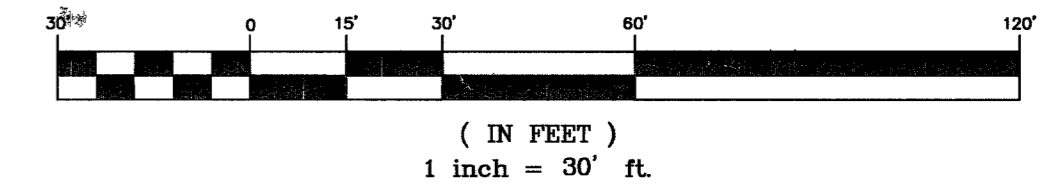
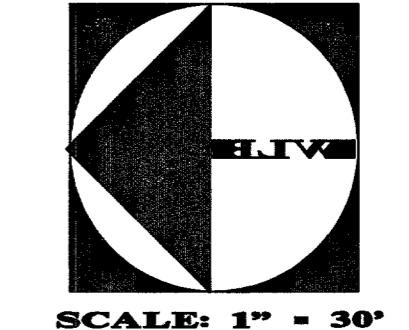
SEE SHEET RC4 OF 18 FOR HORIZONTAL CONTROL DATA SHEET

**ABBREVIATIONS:**

- BB BOTTOM OF EMBANKMENT (TOE)
- FG FINISH GRADE
- FL FLOW LINE
- TB TOP OF EMBANKMENT
- TW TOP OF WALL

**BASIS OF BEARING:**  
SOUTH LINE OF SECTION 12 T205, R59E AS SHOWN PER RECORD OF SURVEY IN FILE 102 PAGE 65 CLARK COUNTY RECORDS (S89°39'10"E)

**BENCHMARK:**  
1 LV09 12SSW6 RIVET AND PLATE IN TOP OF CURB ON THE WEST END OF CENTER ISLAND ON CHEYENNE @ THE WEST SIDE OF BELTWAY ELEVATION 2899.35 FEET, 883.7238 METERS.



**SAFETY ALERT**  
Call before you Overhead 593-6111 OVERHEAD SERVICE ALERT

**SAFETY ALERT**  
Call before you Dig. 1-800-227-2600 UNDERGROUND SERVICE ALERT

REV	DATE	BY	REVISION
<b>CITY OF LAS VEGAS</b> 400 STEWART AVENUE LAS VEGAS, NEVADA			
<b>WLB Group</b> Engineering • Landscape Architecture Planning • Urban Design • Surveying 2551 N. Green Valley Pkwy, Suite A425 HENDERSON, NV 89014(702) 458-2551			
<b>HORIZONTAL CONTROL SHEET</b>			
<b>GOWAN LONE MOUNTAIN SYSTEM BRANCH 4</b>			
SHEET TITLE:			
PROJECT:			
Drawn by: AP	04/20/2007	Designed by: BS	04/20/2007
Checked by: SAP	04/20/2007	Project No.: 404085-A001	Scale: NONE
SHEET <b>RC 4</b>			
DRAWING NO. <b>650-94</b>			