

BENCHMARKS
 PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 CLARK COUNTY BENCHMARK: BLY90-14NNE
 NAVD88 ELEVATION: 720.144 METERS (2362.67 FEET)
 CITY OF LAS VEGAS RIVET AND ROUND PLATE IN CONCRETE PAD, 4120' EAST OF MAVERICK ST. NEAR 6181 GRAND TETON DR.

BASIS OF BEARINGS
 THE BASIS OF BEARINGS FOR THIS PROJECT IS SOUTH 88°09'45" EAST, BEING THE NORTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 11, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN FILE 73 AT PAGE 14.

SETBACKS
 PROPOSED MINIMUM STANDARDS FOR THE RE PORTION OF THE DEVELOPMENT:
 FRONT = 30' BC & 20' ON CUL-DE-SAC
 SIDE = 10'
 CORNER = 15'
 REAR = 35'
 HEIGHT = 35'

Call before you dig
 1-702-455-7511
 CLARK COUNTY TRAFFIC OPERATIONS
 AND
 1-702-223-6611
 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Overhead
 1-702-593-6111

HC RAMP DATA

NO.	A'	B'	CASE
1			

OUT = 40,815 C.Y.
 FILL = 29,221 C.Y.
 (ADJUSTED)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT CITY OF LAS VEGAS, NEVADA FOR THIS PROJECT.
 Christopher R. Grubbs
 P.E. NO. 13956

CONTRACTOR NOTE
 CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

- CONSTRUCTION NOTES**
- (A) CONSTRUCT 30" "ROLL" TYPE CURB & GUTTER PER STD. DWG. NO. 217A
 - (B) CONSTRUCT CONCRETE CROSS GUTTER PER STD. DWG. NO. 228
 - (C) CONSTRUCT 5' CONCRETE SIDEWALK PER STD. DWG. NO. 234
 - (E) CONSTRUCT DEPRESSED CURB SECTION PER DETAIL ON SHEET DT1
 - (F) CONSTRUCT WHEEL CHAIR RAMP PER STD. DWG. NO. 235 CASE 1
 - (G) CONSTRUCT TYPE "A" CURB PER STD. DWG. NO. 219
 - (H) CONSTRUCT ROLL CURB TO "L" CURB TRANSITION.

NOTE
 ALL DRAINAGE EASEMENTS MUST BE COMMON LOTS & PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY H.O.A.

NOTE
 ALL PRIVATE STREETS ARE P.U.E. PUBLIC SEWER EASEMENT & PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY H.O.A.

FLOOD CONTROL QUANTITIES

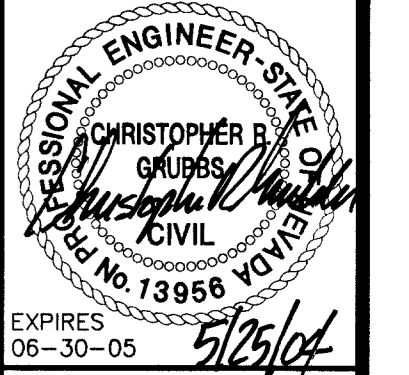
2 COURSE SOLID GROUTED FLOOD WALL	1,230 L.F.
DRAINAGE EASEMENT	3,200 SQ. FT.
3 COURSE SOLID GROUTED FLOOD WALL	650 L.F.

NOTE
 FOR GRADING NOTES, LEGEND, SECTIONS, AND TYPICAL LOT DETAIL SEE SHEET DT1.

STERLING S. DEVELOPMENT
 CITY OF LAS VEGAS, NEVADA

MASTER GRADING PLAN
 QUARTERHORSE ESTATES UNIT 1

DRAWN BY: 12/9/03
 DESIGNED BY: 12/9/03
 CHECKED BY: 12/9/03
 PROJECT NO: 525/04
 SCALE: 1"=40' HORIZ. VERT.
 SHEET 5 OF 17 SHEETS
 DRAWING NO. 1074821



EXPIRES 06-30-05
 5/25/04