

**PROJECT BENCHMARK**  
 DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
 CITY OF LAS VEGAS BENCHMARK: BLV99:13SEES  
 NAVD88 ELEVATION: 869.606 METERS (2853.03 FEET)  
 RMET AND PLATE IN CONCRETE CYLINDER NW CORNER OF HUALAPAI AND ELKHORN

NOTE: WHEN THE SURVEYING FOR THIS PROJECT BEGAN, THE ABOVE REFERENCED BENCHMARK BLV99:13SEES WAS NOT PUBLISHED. THE BASIS FOR THE DATUM FOR THIS PROJECT IS SHOWN ON RECORD OF SURVEY FILE 124 PAGE 94, CLARK COUNTY BENCHMARK 1200-016, WHICH WAS THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4) OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 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 123 AT PAGE 32.

**BASIS OF BEARINGS**  
 THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°01'16" EAST BEING THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4) OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 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 123 AT PAGE 32.

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

**NOTES:**  
 1. ALL PRIVATE STREETS AND PRIVATE DRIVES ARE P.U.E., PUBLIC SEWER EASEMENT, & PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY H.O.A.  
 2. SEE SHEET DT1 FOR SECTIONS AND DETAILS.

**CONSTRUCTION NOTES**

- CONSTRUCT 24" "L" TYPE CURB & GUTTER PER STD. DWG. NO. 216
- CONSTRUCT 30" "ROLL" TYPE CURB & GUTTER PER STD. DWG. NO. 217A
- CONSTRUCT "A" TYPE ISLAND CURB PER STD. DWG. NO. 219
- CONSTRUCT CONCRETE CROSS GUTTER PER STD. DWG. NO. 228
- CONSTRUCT 4" CONCRETE SIDEWALK PER STD. DWG. NO. 234
- CONSTRUCT WHEEL CHAIR RAMP PER STD. DWG. NO. 235 CASE 1
- CONSTRUCT 2" WIDE UNDER SIDEWALK DRAIN PER STD. DWG. NO. 236
- CONSTRUCT DEPRESSED CURB SECTION PER DETAIL ON SHEET DT1
- CONSTRUCT 10" "L" TO "ROLL" CURB TRANSITION PER DETAIL ON SHEET DT1.

**HC RAMP DATA**

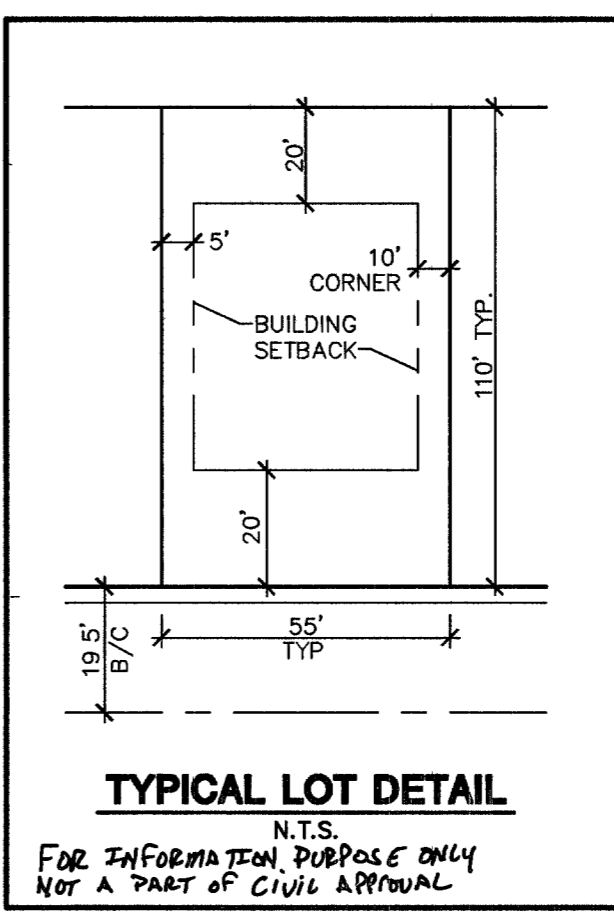
NO.	"A"	"B"	CASE
1	15.0'	4.5'	I
2	15.0'	4.5'	I

CUT = 80.243 C.Y.  
 FILL = 84.914 C.Y.  
 (UNADJUSTED)

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. DS3673

*Christopher R. Grubbs* 11/18/05  
 CHRISTOPHER R. GRUBBS DATE  
 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.



Avoid overhead power lines contact it's costly  
**Call before you Overhead**  
 1-702-227-2929

Avoid cutting underground utility lines it's costly  
**Call before you Dig**  
 1-800-227-2600

Avoid HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS  
 IT'S COSTLY CALL BEFORE YOU DO UNDERGROUND  
**Call before you Underground**  
 1-702-455-7511  
 CLARK COUNTY TRAFFIC OPERATIONS AND  
 1-702-229-6611  
 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

**KIMBALL HILL**  
 8 SUNSET WAY, SUITE 100  
 LAS VEGAS, NEVADA 89044  
 (702) 438-4482

**BRIGHTON & KENSINGTON @ PROVIDENCE / CLIFFS EDGE UNIT 2**

**GRADING PLAN 3**

DRAWN BY: BLW/TP 2/25/05  
 DESIGNED BY: BLW 2/25/05  
 CHECKED BY: CRC 2/25/05  
 PROJECT NO.: 6399-2  
 SCALE: 1"=30' HORIZ. VERT.

**PROFESSIONAL ENGINEER - STATE OF NEVADA**  
 CHRISTOPHER R. GRUBBS  
 No. 13956  
 EXPIRES 06-30-07

**SHEET GR3**  
 13 OF 52 SHEETS  
 DRAWING NO. 10744893-2

CITY OF LAS VEGAS  
 2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148  
 PH: (702) 673-7500 FAX: (702) 362-2297  
 nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS