

**KEY MAP**

APND CUTTING UNDERGROUND UTILITY LINES. ITS COSTLY. Call before you Dig- 1-800-227-2600 (UNDERGROUND SERVICE ALERT 811)

APND OVERHEAD POWER LINE CONTACT. Call before you OVERHEAD 1-702-227-2923 (NEVER POWER EQUIPMENT AND SAFETY SERVICE OTHERWISE)

**GRADING LEGEND**

|                            |           |                         |          |
|----------------------------|-----------|-------------------------|----------|
| BOUNDARY                   | 10+00     | DESIGN GRADE            | DG       |
| CENTER LINE & STATION      | ---       | FINISHED GRADE          | FG       |
| RIGHT-OF-WAY               | ---       | FLOW LINE               | FL       |
| LOT LINE                   | ---       | HIGH POINT              | HP       |
| BACK OF CURB               | ---       | TOP OF CURB             | TC       |
| FACE OF CURB               | ---       | TOP OF ROLL CURB        | TRC      |
| LIP OF GUTTER              | ---       | GRADE BREAK             | ---      |
| EDGE OF PAVEMENT           | ---       | LOT NUMBER              | 105      |
| SIDEWALK                   | ---       | PROPOSED FINISHED FLOOR | FF=09.6  |
| EXISTING CURB              | ---       | PROPOSED PAD ELEVATION  | 08.6     |
| EDGE OF EXISTING PAVEMENT  | ---       | BASE FLOOD ELEVATION    | BFE=08.8 |
| EXISTING WATER MAIN        | EX 8" W   | SCREEN BLOCK WALL       | ---      |
| EXISTING GAS MAIN          | EX GAS    | RETAINING WALL          | ---      |
| EXISTING SEWER MAIN        | EX 8" SS  | DECORATIVE WALL         | ---      |
| STORM DRAIN MAIN           | 36" RCP   | FENCE                   | ---      |
| STORM DRAIN LATERAL        | EX 36" SD | SAWTOOTH LINE           | ---      |
| EXISTING STORM DRAIN       | ---       |                         |          |
| DRAINAGE SWALE & DIRECTION | ---       |                         |          |
| SCARP W/DIRECTION          | ---       |                         |          |
| 1' CONTOURS & ELEVATION    | ---       |                         |          |
| 5' CONTOURS & ELEVATION    | ---       |                         |          |
| SIGHT VISIBILITY ZONE      | ---       |                         |          |
| NO OBJECT ABOVE 24" IN SVZ | ---       |                         |          |

**BENCHMARK**

CLV BM 09LV90 3554  
BEING A RIVET & PLATE IN TOP OF CURB 60 FT NORTH OF LONE MOUNTAIN ON EAST CURB OF TORREY PINES.  
ELEVATION: 2301.17 FEET/701.3985 METERS (NAVD '88 DATUM)

**BASIS OF BEARINGS**

THE EAST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN FILE 40 OF SURVEYS, PAGE 74 IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.  
SAID LINE BEARS SOUTH 00°08'24" EAST.

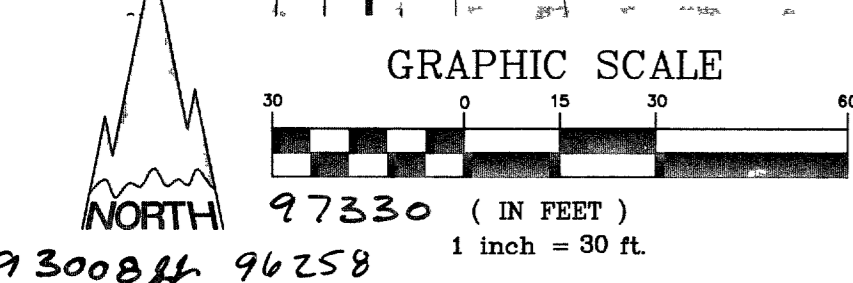
- GRADING CONSTRUCTION NOTES**
- CONSTRUCT 30" ROLL CURB PER COUSD NO. 217A.
  - CONSTRUCT "L" TYPE CURB & GUTTER PER COUSD NO. 216
  - CONSTRUCT 5" WIDE SIDEWALK PER COUSD NO. 234.
  - CONSTRUCT "A" TYPE ISLAND CURB PER COUSD NO. 219.
  - CONSTRUCT CROSS GUTTER PER COUSD NO. 228.
  - CONSTRUCT 10' TRANSITION "L" CURB TO ROLL CURB PER DETAIL, SHT. 26.
  - EXISTING FENCE TO BE REMOVED.
  - CONSTRUCT 3" VALLEY GUTTER PER DETAIL, SHT. 26.
  - SAWTOOTH EXIST. AC AND JOIN.
  - CONST. SW RAMP PER COUSD #235, CASE I, A&B=8" TYP.
  - INSTALL CONCRETE PAVERS, SEE LANDSCAPE PLAN FOR PAVEMENT DETAILS AND DETAIL F, SHT. 27, FOR SUBGRADE PAVING.

**NOTE TO CONTRACTOR**

- EVIDENCE OF UNDERGROUND DRAINAGE AND/OR IRRIGATION FOUND THROUGHOUT SUBJECT PROPERTY. CONTRACTOR SHALL REMOVE OR ABANDON AS NECESSARY PRIOR TO CONSTRUCTION.
- FOR STREET SECTIONS SEE SHEET 26.
- FOR CURVE DATA SEE SHEET 5-7.
- FOR DRAINAGE IMPROVEMENT QUANTITIES SEE SHEET 5-7.
- ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.

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 (DS3880)

*Red B* 6/14/06



DR. HORTON  
6845 ESCONDIDO STREET BLDG #6, SUITE 105  
LAS VEGAS, NV 89119  
PHONE (702) 745-4668 FAX (702) 618-4700

**LONE MOUNTAIN ENGINEERING**  
635 S. CASPER BLVD. SUITE 200  
LAS VEGAS, NEVADA 89102  
PHONE (702) 312-9330 FAX (702) 320-1769

**GRADING PLAN SHEET 02**

**BAVARIA ESTATES**

| DATE | SHEET | DATE | TITLE |
|------|-------|------|-------|
|      |       |      |       |

DRAWN BY: \_\_\_\_\_  
DESIGNED BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
PROJECT NO: LM0500301

DATE: 6/14/06

SHEET NO: **4** OF 28  
1074934