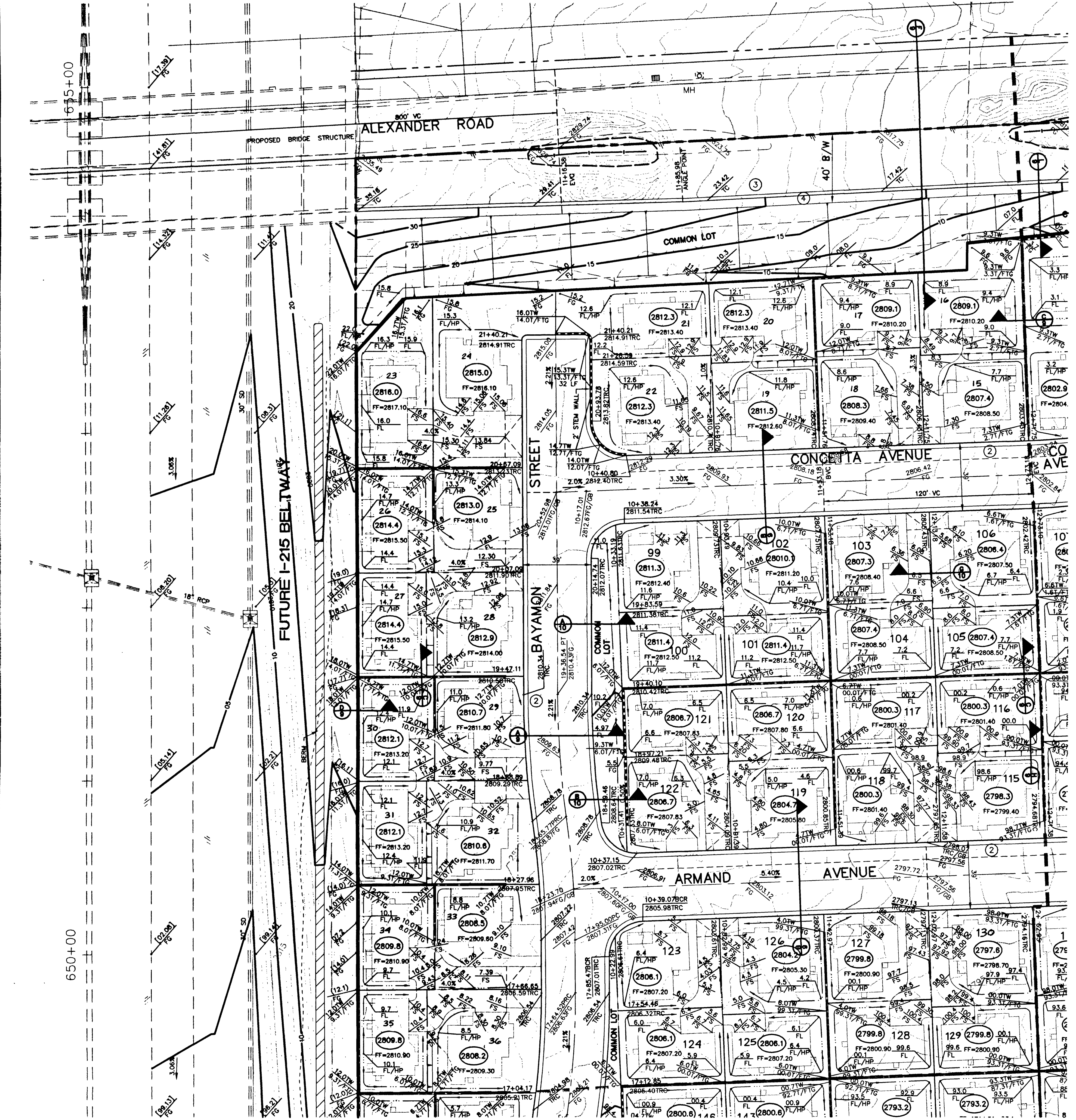


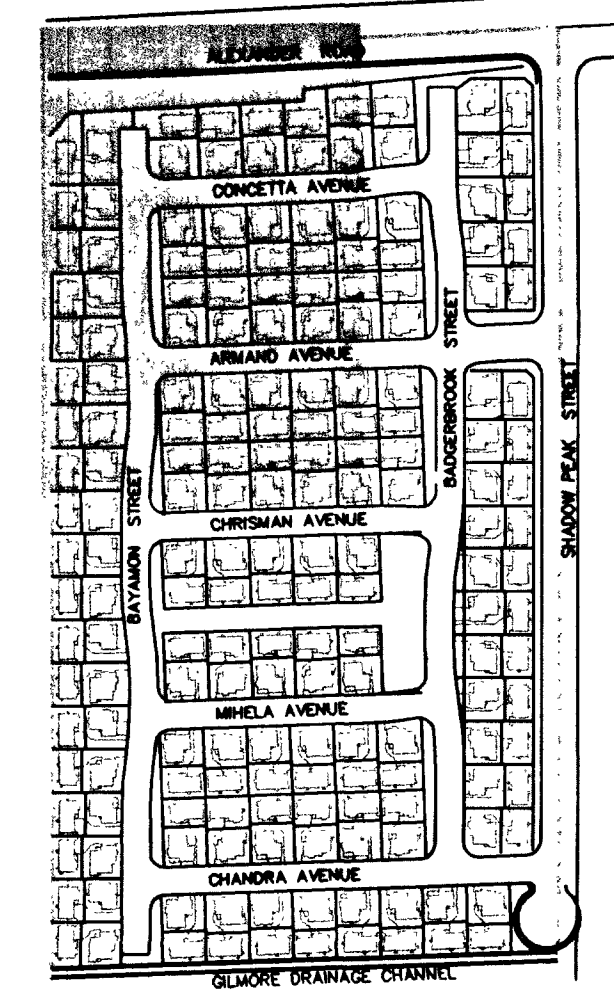
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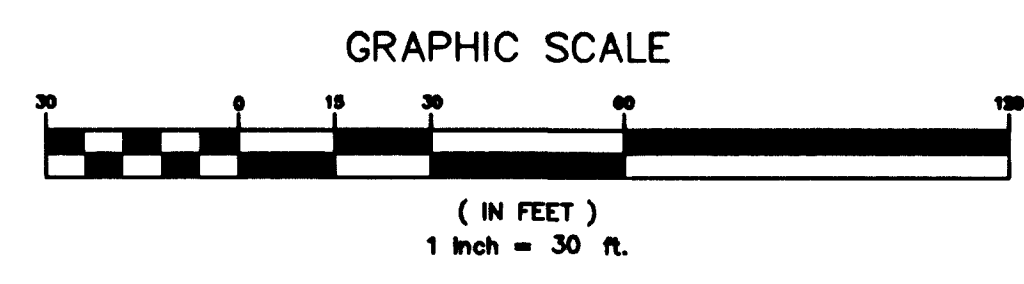
47134 48863

| LEGEND |                        |
|--------|------------------------|
|        | BOUNDARY LINE          |
|        | LOT LINE               |
|        | RIGHT-OF-WAY LINE      |
|        | STREET CENTERLINE      |
|        | EXISTING IMPROVEMENTS  |
|        | RETAINING WALL         |
|        | SWALE                  |
|        | HINGE LINE/GRADE BREAK |
|        | MATCHLINE              |
|        | CONT- INDEX            |
|        | CONT- INTER            |
|        | FINISH CONTOUR         |
|        | SCARP 2:1 (TYPICAL)    |
|        | SIGHT VISIBILITY ZONE  |
|        | DRIVEWAY               |

|          |                             |       |                          |
|----------|-----------------------------|-------|--------------------------|
| FF=98.63 | PROPOSED FINISH FLOOR ELEV. | 75.0  | PROPOSED BLDG. PAD ELEV. |
| TW       | TOP OF RETAINING WALL       | 00.00 | TOP OF CURB              |
| TFC      | TOP OF FOOTING              | 00.00 | TOP OF ROLL CURB         |
| Δ#       | NUMBER OF COURSES RETAINING | 59.21 | EXISTING TOP OF CURB     |
| GB       | GRADE BREAK                 | 00.00 | FINISHED GRADE           |
|          |                             | 59.21 | EXISTING FINISHED GRADE  |
|          |                             | 00.00 | FLOW LINE                |
|          |                             | 00.00 | FINISH GRADE BY OTHERS   |



KEY MAP



**DISCLAIMER NOTE**  
EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.  
CALL BEFORE YOU DIG: 1-800-227-2600.

**NOTES**  
ALL CLUSTER DRIVEWAYS ARE PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.  
ALL PRIVATE STREETS ARE P.U.E.; CLV SEWER EASEMENT, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.

**NOTES**  
1) CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.  
2) SEE LANDSCAPE PLANS FOR LANDSCAPING AND ON-SITE IRRIGATION.  
3) SEE DETAIL SHEET FOR ON-SITE PAVEMENT SECTIONS. CONTRACTOR TO VERIFY WITH SOILS REPORT.  
4) SEE FINAL MAP FOR EXACT PROPERTY LINE DIMENSIONS. CONTRACTOR TO VERIFY WITH SOILS REPORT.  
5) ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.  
6) THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.  
7) ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.

**BASIS OF BEARINGS**  
NORTH 01°09'30" WEST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 50 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 88, PAGE 08 OF SURVEYS

**BENCHMARK**  
CITY OF LAS VEGAS BENCHMARK BLV09 1NEE6  
RIVET AND 2-INCH DIAMETER ALUMINUM PLATE IN 6-INCH DIAMETER CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI AND RED COACH.  
ELEVATION = 822.0732 METERS, 2697.09 FEET (NAVD'88)

- CONSTRUCTION NOTES**
1. CONSTRUCT 8" VALLEY GUTTER PER STD. #228
  2. CONSTRUCT ROLL TYPE CURB PER STD. #217A
  3. CONSTRUCT "L" TYPE CURB PER STD. #216
  4. CONSTRUCT 5" SIDEWALK PER STD. #234
  5. CONSTRUCT UNDERSIDEWALK DRAIN PER STD. #236

**PRIVATE STREET NOTE**  
NOTE: ALL PRIVATE STREETS ARE PUBLIC DRAINAGE EASEMENTS, CLV SEWER AND PUE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOME OWNERS ASSOCIATION.

**ENGINEER'S CERTIFICATE**  
I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY FOR THIS PROJECT ON FILE AT THE CITY OF LAS VEGAS.  
*James W. Leland* 11/25/02  
JAMES W. LELEND, PE NO. 4832 DATE

Call before you Dig.  
1-800-227-2600  
UNDERGROUND SERVICE ALERT (USA)

Call before you do Overhead  
1-702-593-6111

DATE: 11/22/2002  
S.A.  
DRAWN BY:  
DESIGNED BY:  
CHECKED BY:  
ADJ. CHECKED:  
JOB NO.: 88170002  
NO. DESCRIPTION  
SCALE: 1"=30'

Stantec Consulting Inc.  
7251 W. Charleston Blvd.  
Las Vegas, NV 89117  
Tel: 702.258.0115  
Fax: 702.258.4936  
www.stantec.com

**Stantec**

**RICHMOND AMERICAN HOMES**  
Richmond American Homes  
of Nevada, Inc.  
7230 West Peak Drive, Suite 212  
Las Vegas, NV 89128  
(702) 240-5600

**RICHMOND AMERICAN HOMES OF NEVADA, INC.**  
LONE MOUNTAIN TERRACES  
GRADING PLAN 1

PROFESSIONAL ENGINEER  
JAMES W. LELEND  
No. 4832  
STATE OF NEVADA  
11/25/02

SHEET  
CLV, DWG. 3  
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