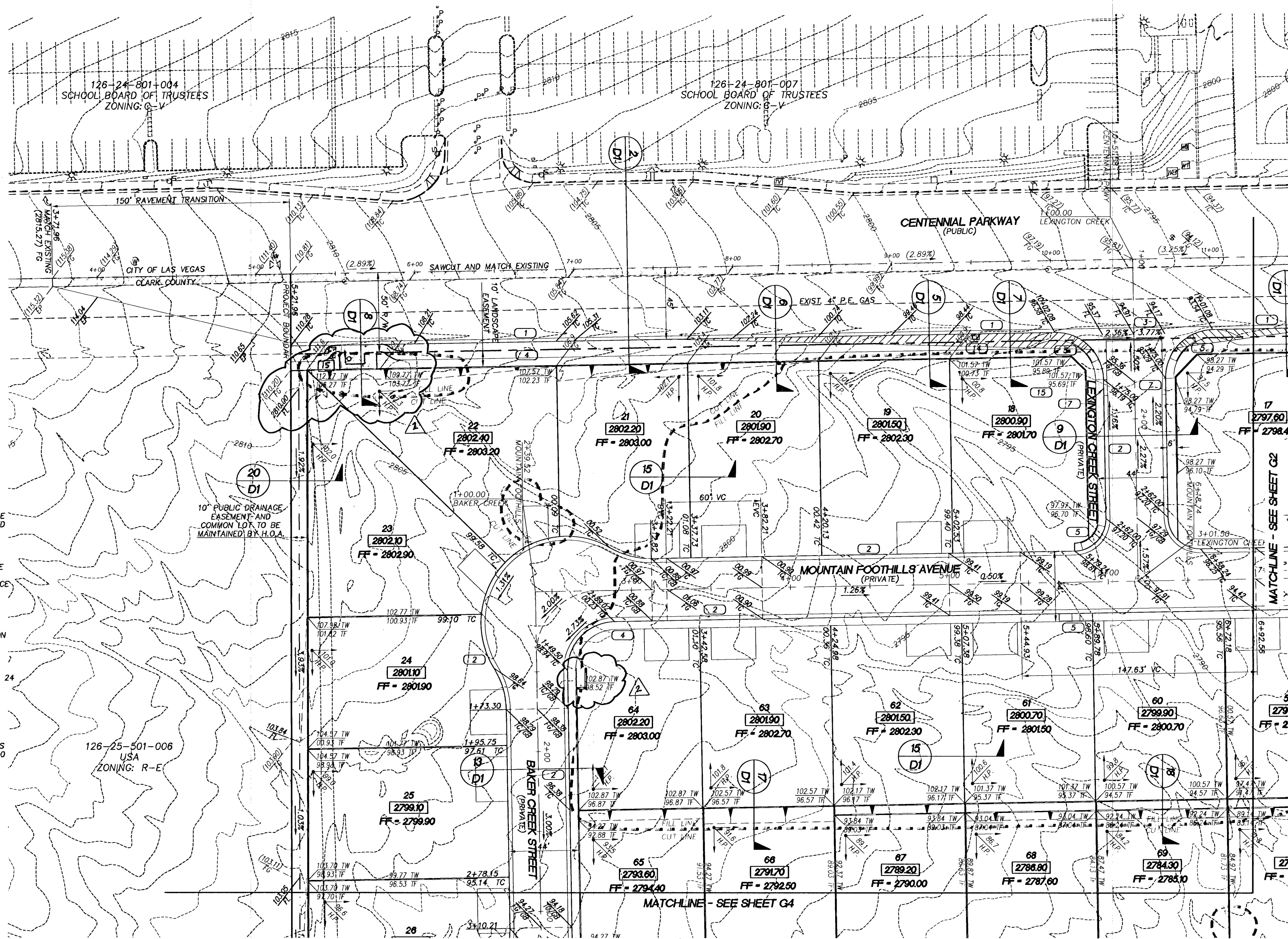




STORMWATER MANAGEMENT NOTES

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM DRAIN SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE TITLE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICAL AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS APPLY: REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE AND MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

THE FOLLOWING LOTS REQUIRE RETAINING WALLS GREATER THAN 4' IN HEIGHT:
1, 4-7, 9, 11-18, 22-27, 29-64

FLOOD ZONE

A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL NUMBERS 32003C1750 E, EFFECTIVE DATE SEPTEMBER 27, 2002, INDICATES THE SITE IS LOCATED IN ZONE "X" DESCRIBED BY FEMA AS AN AREA OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN

BASIS OF BEARING

SOUTH 89°47'00" EAST BEING THE CENTERLINE OF CENTENNIAL PARKWAY AND BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN IN BOOK 107, PAGE 31 OF SURVEYS IN THE RECORDER'S OFFICE OF CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV99 24S5
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND HUALAPAI WAY.

ELEVATION=844.924 METERS (NAVD'88)
ELEVATION=2772.06 US SURVEY FEET (NAVD'88)

Call before you Dig
Avoid cutting underground utility lines. It's costly.

Call before you Overhead
Avoid overhead power line contact.

Call before you UnderGround
Avoid underground utility lines. It's costly.

Call before you UnderGround
Avoid underground utility lines. It's costly.

Call before you UnderGround
Avoid underground utility lines. It's costly.

Call before you UnderGround
Avoid underground utility lines. It's costly.

SOILS INFORMATION

AMERICAN SOILS ENGINEERING, LLC,
6000 S. EASTERN AVENUE, SUITE 6B
LAS VEGAS, NEVADA 89119
PHONE: (702) 899-9617
PROJECT NO.: 1690-GE0
DATED: DECEMBER 30, 2013

PUBLIC DRAINAGE QUANTITIES

12" CLASS III STORM DRAIN	238 LF
18" CLASS III RCP STORM DRAIN	171 LF
24" CLASS III RCP STORM DRAIN	865 LF
30" CLASS III RCP STORM DRAIN	165 LF
TYPE "C" DROP INLET	3 EA
48" TYPE I MANHOLE	2 EA
48" TYPE II MANHOLE	1 EA
60" TYPE I MANHOLE	2 EA
RIP-RAP	12 CY
CONCRETE	6,780 SF
TYPE II AGG. BASE	147 CY
CROSS GUTTER	1,600 SF

CONSTRUCTION NOTES

1. CONSTRUCT "L" TYPE CURB AND GUTTER PER CCAUSD 216
2. CONSTRUCT 30" ROLL CURB PER CCAUSD 217.51
3. CONSTRUCT CROSS GUTTER PER CCAUSD 228
4. CONSTRUCT 5' SIDEWALK PER CCAUSD 234
5. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOWNS OR EQUIVALENT PER CCAUSD 235, CASE 1
6. CONSTRUCT DEPRESSED CURB PER DETAIL SHEET D2
7. CONSTRUCT 10' CURB TRANSITION PER DETAIL SHEET D2
8. CONSTRUCT "A" TYPE CURB PER CCAUSD 219
9. CONSTRUCT BUS TURN-OUT PER CCAUSD 234.4
10. CONSTRUCT BLOCK WALL OPENING PER DETAIL SHEET D2
11. CONSTRUCT 8" VALLEY GUTTER PER DETAIL SHEET D2 WITH SPANDREL PER CCAUSD 228
12. NOT USED
13. CONSTRUCT REMOVABLE BOLLARD PER DETAIL SHEET D2
14. EXISTING UTILITY TO BE REMOVED AND RELOCATED
15. EXISTING SIGN, POLE, BOLLARD, UTILITY TO BE REMOVED
16. PRECAST CAP AND PLUG AT END OF STORM DRAIN LATERAL SIZE SPECIFIED ON PLANS

EARTHWORK QUANTITIES

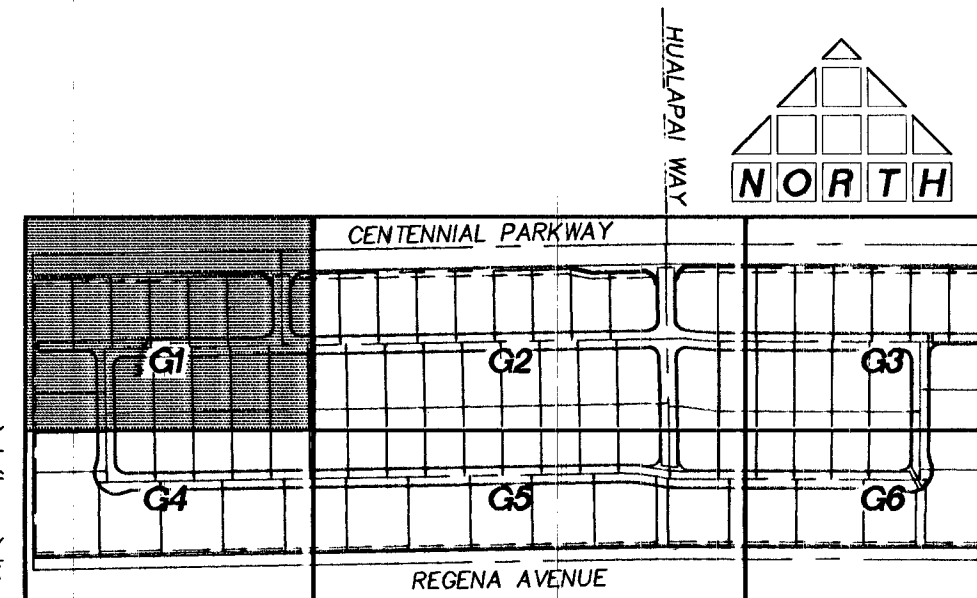
NOTE: RAW VOLUMES ONLY AND ARE INTENDED FOR PERMITTING PURPOSES ONLY.

CUT: 66,216 CY
FILL: 70,393 CY
TOTAL: 4,177 CY (IMPORT)

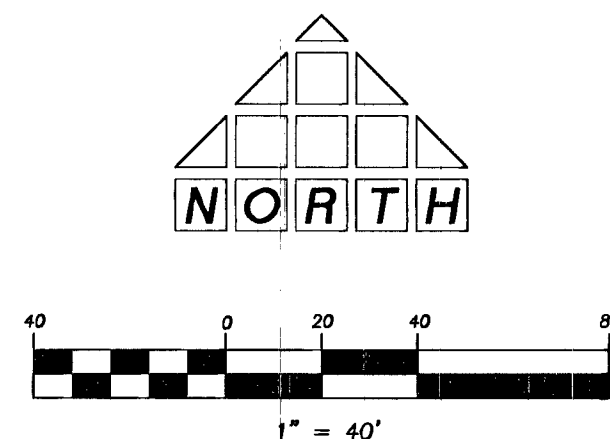
CERTIFICATION

I HEREBY CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT. (DS 4668)

JOHN B. MCAVOY, P.E. 22439



NOTE: ALL PRIVATE STREETS ARE P.U.E. PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOA



LEGEND

- PROPERTY LINE / RIGHT-OF-WAY
- "L" TYPE CURB AND GUTTER
- "A" TYPE CURB
- EXISTING CURB AND GUTTER
- EXISTING UTILITY (AS SHOWN)
- CROSS GUTTER
- WHEELCHAIR RAMP
- CUT OR FILL SLOPE
- PROPOSED ELEVATION (DESCRIPTION AS SHOWN)
- EXISTING ELEVATION (DESCRIPTION AS SHOWN)
- FUTURE DESIGN ELEVATION (DESCRIPTION AS SHOWN)
- SIGHT VISIBILITY RESTRICTION ZONES PER STD. DWG. 201.1 (NO STRUCTURE, VEGETATION, OR OBJECT OF ANY KIND IS PERMITTED OVER TWENTY FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONE.
- SCREEN WALL
- STEM WALL
- RETAINING WALL
- CUT / FILL LINES
- WROUGHT IRON FENCE
- EXISTING PAVEMENT TO BE REMOVED AND REPLACED

SCALE: 1"=40'

DATE: 9/23/2014

PROJECT NO. 116.13003

PROJECT NAME: REVISE VALLEY SIDEWALK

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

COMMENTS ADDRESSED BY: [Signature]

PROJECT NO. 116.13003

PROJECT NAME: REVISE VALLEY SIDEWALK

DATE: 9/23/2014

PROJECT NO. 116.13003

PROJECT NAME: REVISE VALLEY SIDEWALK

THOMASON CONSULTING ENGINEERS

7080 LA CIENEGA STREET, SUITE 200

LAS VEGAS, NEVADA 89119

702-932-6125

702-932-6129

LENNAR

2490 PASEO VERDE PARKWAY, SUITE 120 HENDERSON, NV 89074

PH: (702) 458-7700

FAX: (702) 458-7708

CENTENNIAL / HUALAPAI GRADING PLAN

4 OF 33

107X5007

H#55125

JOHN B. MCAVOY, P.E.

22439

9/23/14