



ENGINEER'S OPINION OF CUT AND FILL QUANTITIES

TOTAL CUT 0 CUBIC YARDS
 TOTAL FILL 1,528 CUBIC YARDS
 NET FILL 1,528 CUBIC YARDS

NOTE: THIS OPINION OF CUT & FILL QUANTITIES IS PROVIDED AS REQUIRED BY THE CLARK COUNTY BUILDING CODE AND SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. (DATE)

- CONSTRUCTION NOTES**
- CONSTRUCT 5' WIDE CONCRETE SIDEWALK PER U.S.D. DWG. #234
 - CONSTRUCT SIDEWALK UNDER DRAIN PER DETAIL 1, SHEET DT1
 - CONSTRUCT 4.5' WIDE CONCRETE SIDEWALK PER U.S.D. DWG. #234
 - CONSTRUCT DRAINAGE SWALE
 - MIN. 5' LANDINGS SHALL BE INSTALLED AT ALL DOORS PER ANSI 404.2.5 (1/4-INCH MAX BELOW THRESHOLD) 2.0% MAX. SLOPE
 - RAMP @ 1:20 MAX. (TYP.)
 - CONSTRUCT "A" TYPE CURB PER DETAIL 5, SHEET DT1
 - CONSTRUCT 3" VALLEY GUTTER PER DETAIL 3, SHEET DT1
 - CONSTRUCT ASPHALT PER PAVEMENT DETAIL 2, SHEET DT1
 - INSTALL CONCRETE BUMPERS PER U.S.D. DWG. #238
 - CONSTRUCT "L" TYPE CURB & GUTTER PER U.S.D. DWG. #218. WHERE LONGITUDINAL SLOPE IS LESS THAN 0.4%, THE FLOW LINE SHALL BE WATER TESTED.
 - CONSTRUCT STEPS AS NEEDED
 - SAW-CUT AND MATCH EXISTING PAVEMENT

LEGEND AND ABBREVIATIONS

AC=ASPHALT CONCRETE	GB=GRADE BREAK	CB=BACK OF CURB
TC=TOP OF CURB	FF=FINISH FLOOR	DW=DRIVEWAY
FG=FINISH GRADE	SW=SIDEWALK	VG=VALLEY GUTTER
BSW=BACK OF SIDEWALK	EP=EDGE OF PAVEMENT	
FL=FLOWLINE	PL=PROPERTY LINE	

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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.

NEVADA H.A.N.D.
 235 EAST WARM SPRINGS ROAD SUITE 101
 LAS VEGAS, NEVADA 89119-4212
 TEL: (702) 738-3345 CONTACT: ROBERT FEIBLEMAN

L.R. NELSON CONSULTING ENGINEERS, INC.
 6705 West Pecos Road Suite 200
 Las Vegas, Nevada 89118
 (702) 799-7978
 (702) 481-2286 FAX

GRADING PLAN 1

DECATUR PINES - REC. BLDG.
 DEER SPRINGS WAY AND DECATUR BLVD.
 CITY OF LAS VEGAS

DRAWN BY: []
 DESIGNED BY: []
 CHECKED BY: []

PROJECT NO: 1527-001-071
 SCALE: 1" = 20'

DATE: 1/14/10

SEAL: JAMES A. YANCEY, P.E., No. 16109

SHEET: GR1
 4 OF 14 SHEETS
 CLV DRAWING NO. 107V4842-REC

SOILS REPORT
 GEOTEK, INC. - NEVADA
 DATED DECEMBER 8, 2008
 GEOTEK PROJECT #7624-LVB

OWNER/DEVELOPER
 NEVADA H.A.N.D.
 235 WARM SPRINGS ROAD SUITE 101
 LAS VEGAS, NEVADA 89119-4212
 TEL: (430-9025) CONTACT: ROBERT FEIBLEMAN

BENCHMARK
 FOUND CITY OF LAS VEGAS BM RIVET AND PLATE IN CONCRETE CYLINDER AT THE SW CORNER OF BRADLEY AND ROME.

BASIS OF BEARING
 NORTH 86°55'18" EAST, BEING THE BEARING OF THE CENTERLINE OF ROME BOULEVARD AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 106, PAGE 81 OF SURVEYS.

CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT (101424-4).

JAMES A. YANCEY, P.E. NO. 16109 DATE: 1/14/10

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 hitting underground traffic signal systems and street light systems. It's costly.

1-800-977-2600
 AND
 CLARK COUNTY TRAFFIC OPERATIONS
 1-702-455-7544

1-702-227-2929
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

1-702-455-7511
 CLARK COUNTY TRAFFIC OPERATIONS
 1-702-452-5300
 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM