

A & B TRANSITION TABLE

R1	A=8.0	B=8.0
R2	A=4.5	B=15.0
R3	A=12.0	B=4.5

ENGINEER'S CERTIFICATION

I, STEPHEN CREVOISERAT, HEREBY CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS.

STEPHEN CREVOISERAT, P.E. DATE 03-04-04

NOTE: ALL HANDICAP ACCESS ROUTES ARE AT A MAXIMUM OF 5% DOWNSLOPE AND 2% CROSS SLOPE & 2% IN DIRECTION CHANGE.

SOILS REPORT

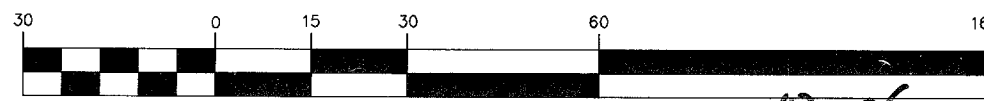
GEOTECHNICAL EVALUATION PREPARED BY GEOTEK, INC. - NEVADA DATED MARCH 11, 2002 GTI NEVADA WORK ORDER NO. 3812-LV6

EARTHWORK QUANTITIES

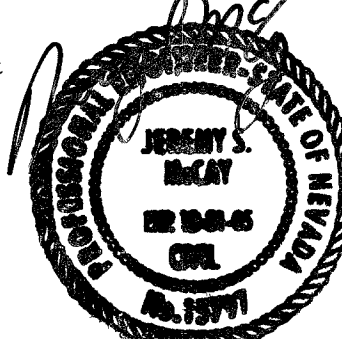
NOTE: THESE QUANTITIES ARE APPROXIMATE AND AREA RAW VOLUMES ONLY. OVER EXCAVATION, SUBSIDENCE, SHRINKAGE, SHRINKAGE AND BULKING FACTORS, ARE NOT INCLUDED AS PART OF THESE EARTHWORK QUANTITIES.

CUT: 37,862 CUBIC YARD
FILL: 26,756 CUBIC YARD
NET: 11,106 CUBIC YARD (EXPORT)

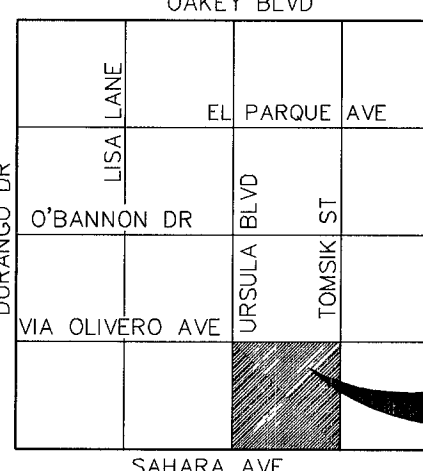
GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft



VICINITY MAP



PROJECT SITE LEGAL DESCRIPTION

BEING A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 04, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, COUNTY OF CLARK.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 1LV10 45SW6 RIVET & PLATE IN THE TOP OF CURB 8260 W. SAHARA AVE. IN THE NORTH CURB LINE (NE CORNER OF SAHARA & TOMSIK).
OLD BENCHMARK ELEVATION: 795.8136 METERS (2610.93 U.S. SURVEY FEET) NAVD88 DATUM
NEW BENCHMARK ELEVATION: 795.8314 METERS (2610.99 U.S. SURVEY FEET) NAVD88 DATUM

METERS X (3937 / 1200) = U.S. SURVEY FEET
1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET
BASIS OF BEARINGS
SOUTH 88°20'28" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 04, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN BOOK 82 OF PLATS, PAGE 32, IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER.

LEGEND

- RIGHT OF WAY
- PROPERTY LINE
- STREET CENTER LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING EDGE OF A/C PAVEMENT
- CMU WALL
- SECTION / DETAIL SYMBOL
- EXISTING CONTOUR LINE
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- HINGE LINE
- CONSTRUCTION NOTE
- SLOPE & DIRECTION OF SLOPE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- FUTURE ELEVATION
- HANDICAP ACCESS ROUTE
- SAWCUT LINE
- AC REMOVE AND REPAVE AREA
- PAVEMENT WARP SECTION

CONSTRUCTION NOTES

- CONSTRUCT 24" "L" TYPE CURB & GUTTER PER U.S.D. DWG. NO. 216
- CONSTRUCT "A" TYPE CURB
- CONSTRUCT 2' WIDE CONC. VALLEY GUTTER FLUME
- CONSTRUCT 3' CONC. FLUME (2' OPENING) THRU SCREEN WALL
- CONSTRUCT 8' WIDE CONC. VALLEY GUTTER PER U.S.D. DWG. NO. 228
- CONSTRUCT INTEGRAL SIDEWALK/CURB
- CONSTRUCT UNDERSIDEWALK DRAIN PER U.S.D. DWG. NO. 236
- CONSTRUCT RETAINING WALL (0'-8.0' HIGH) PER STRUCTURAL ENGINEER DESIGN
- INSTALL 2x6 REDWOOD HEADER @ LIMITS OF PROPOSED A.C. PAVEMENT
- CONSTRUCT 2 1/2" A.C. PAVEMENT OVER 8" AGGREGATE BASE
- CONSTRUCT 5' WIDE CONC. SIDEWALK PER U.S.D. DWG. NO. 234
- CONSTRUCT SIDEWALK RAMP (CASE 1) PER U.S.D. DWG. NO. 235
- BUMPER BLOCKS
- WARP SECTION (FROM +1% TO -0.5% CROSSFALL)
- MATCH INTO EXISTING GRADES
- DEEPEEN "A" CURB (6" TO 20") WITH 42" HANDRAIL
- CONSTRUCT WARRIOR PROCESS SQUARE IN CONCRETE
- INSTALL 72" U-BOB TO 4.5' RETAINING WALL
- CONSTRUCT TACK-ON ISLAND CURB
- SAWCUT FOR NEW AC PAVEMENT
- CLARK COUNTY STANDARD RETAINING WALL PER DWG. B-101
- INSTALL ADA SIDEWALK RAMP HANDRAILS ALONG RAMP PER ADA STANDARD 207

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

Call before you OVERHEAD
1-702-593-6111
NEVADA POWER CORPORATION AND SOUTHERN SERVICES (NAPS)

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. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER. CALL BEFORE YOU DIG. 1-800-227-2600

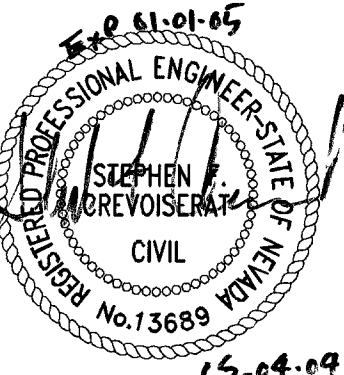
GREAT AMERICAN CAPITAL
8637 WEST SAHARA AVE. #201
LAS VEGAS, NEVADA 89117
(702)233-5731 FAX (702)560-5594

WRIGHT CIVIL ENGINEERS, INC.
7310 SMOKE RANCH ROAD, SUITE P
LAS VEGAS, NEVADA 89128
TEL (702) 233-6400 FAX (702) 233-1164

GRADING PLAN 1 (SOUTH)

GREAT AMERICAN PLAZA

DRAWN BY	01-27-04
DESIGNED BY	02-21-03
CHECKED BY	
PROJECT NO.	CN2210301
SCALE	1"=30'



SHEET
G1
7 OF 15 SHEETS
DRAWING NO.
#07Y4745