

A & B TRANSITION TABLE

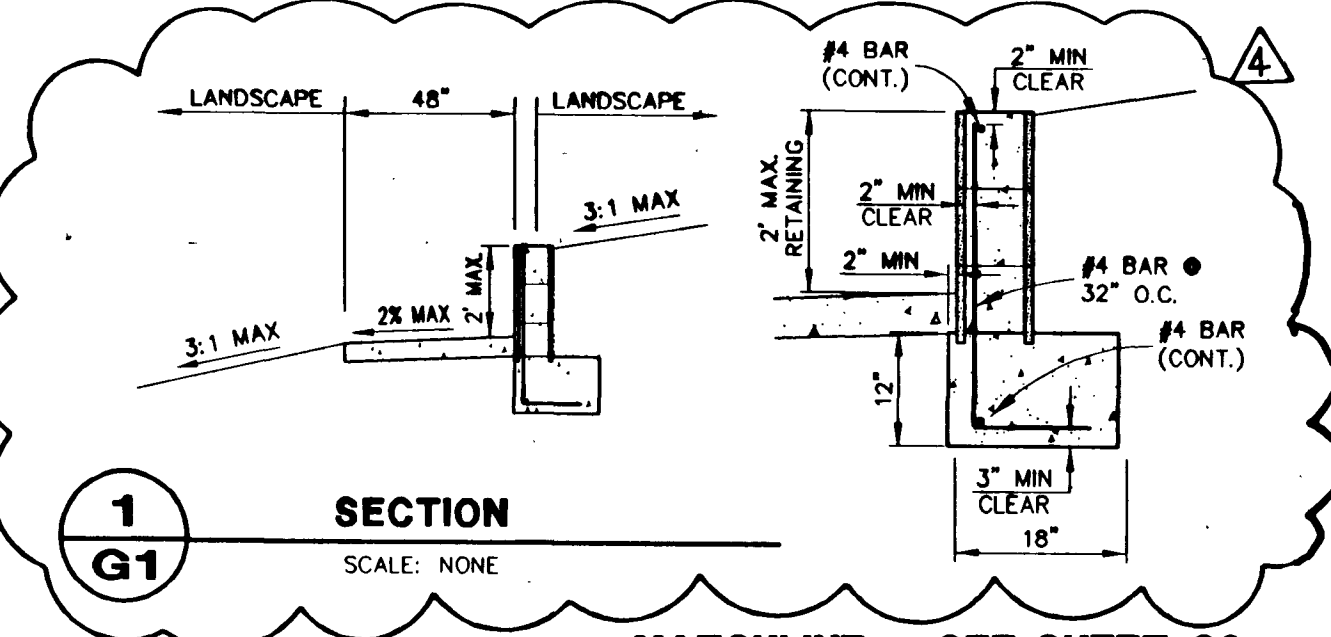
R1	A=8.0	B=8.0
R2	A=4.5	B=15.0
R3	A=12.0	B=4.5

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 06-22-03

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



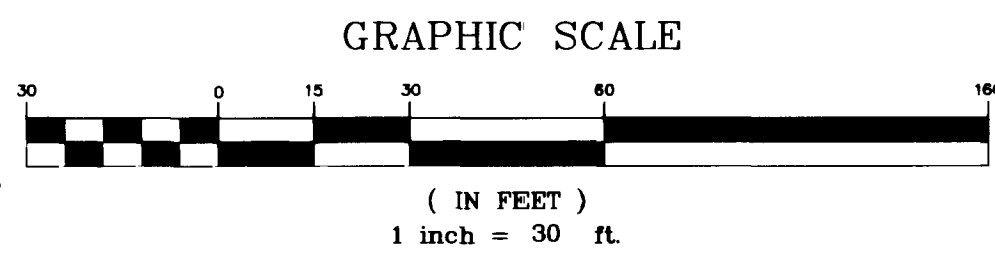
SOILS REPORT

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

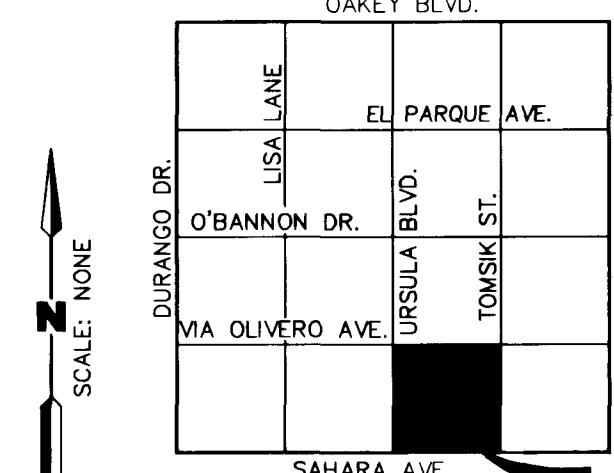
EARTHWORK QUANTITIES

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

CUT: 57,862 CUBIC YARD
FILL: 26,756 CUBIC YARD
NET: 11,106 CUBIC YARD (EXPORT)



SCALE: 1"=30'



LEGAL DESCRIPTION

BEING A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST 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. 11V10 4SSW6 RIVET & PLATE IN THE TOP OF CURB 8260 W. SAHARA AVE. IN THE NORTH CURB LINE. (NE CORNER OF SAHARA & TOMSK)

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 (1/0.3048) = U.S. SURVEY FEET

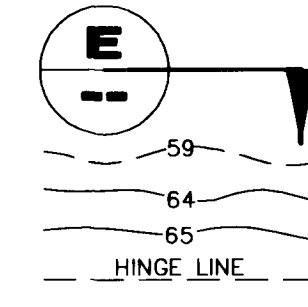
1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

BASIS OF BEARINGS

SOUTH 88°20'28" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 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



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 ENGINE DESIGN
- INSTALL 2x6 REDWOOD HEADER @ LIMITS OF PROPOSED A.C. PAVEMENT
- CONSTRUCT 2 1/2" A.C. PAVEMENT OVER 9" 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
- DEEPEENED 'A' CURB (6" TO 20") WITH 42" HANDRAIL
- CONSTRUCT HANDICAP ACCESS ROUTE IN CONCRETE

Call before you Dig.
1-800-227-2600

Call before you OVERHEAD
1-702-593-6111

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 8687 WEST SAHARA AVE #201 LAS VEGAS, NEVADA 89117 (702)253-5751 FAX (702)360-5594		WRIGHT CIVIL ENGINEERS, INC. 7310 SMOKE RANCH ROAD, SUITE P LAS VEGAS, NEVADA 89128 TEL (702) 233-6400 FAX (702) 233-1164	
DRAWN BY: CUB		DESIGNED BY: SFC	
CHECKED BY: SFC		PROJECT NO: CN2210301	
SHEET 02-21-03		SCALE: 1"=30'	
TITLE: GRADING PLAN 1 (SOUTH)		GREAT AMERICAN PLAZA	
DATE: 06-22-03		SHEET 7 OF 15 SHEETS	
DRAWING NO. 07Y4745		2ND RELOT	