**GRISHAM CONSULTING SERVICES, INC.**

3514 EAST TROPICANA, SUITE 3

LAS VEGAS, NV 89121

(702) 450-6523 TEL

(702) 450-6591 FAX

PERMIT SET

December 4, 2006

Rick Washburn
c/o TRRAC, LLC
6550 South Pecos Road
Las Vegas, Nevada 89120

06-55198

Reference: Geotechnical Soils Report Update CS-06355
Proposed Commercial Development
Mojave Road
APN #162-13-607-002
Clark County, Nevada

Clark County Dev. Services
Building Services Division

APR 20 2007

Reviewed and Accepted
Ayalew Birhane

The purpose of this letter is to issue an opinion on the validity of the original Grisham Consulting Services, Inc. (GCS), geotechnical foundation report for the referenced development. As requested, GCS visited the referenced site for the purpose of evaluating whether the existing site conditions are the same as those documented during the original geotechnical investigation.

On December 1, 2006, a site visit was made to the subject parcel. The area of the proposed commercial development had not changed significantly from the originally reported site description. The site has been fully grubbed, graded, and filled. The site slopes down to the east at a shallow gradient. Total relief across the site is about 10 feet. Minor surface trash and debris were noted in most areas. A few debris piles and an asphaltic pile were noted along an access road. Site vegetation consisted primarily of very scattered desert grass and weeds. A majority of the surface soil materials consisted of silty sand and gravel fill.

This office believes that the soil conditions in this area and the requirements for construction have not changed since the preparation of the original GCS report. However, it should be noted that a final grading report or a grading report up-date will be required as part of the development process.

GCS does not believe there will be adverse affects to this construction provided the terms of the original foundation report are adhered to. It is the opinion of GCS that the original "Geotechnical Foundation Report, Commercial Development with Basement, Mojave Road, APN #162-13-607-002, Clark County, Nevada," project number CS-01565 of January 3, 2002, remains applicable to this parcel.

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In accordance with the terms and conditions of the Southern Nevada Amendments to the 2000 International Building Code, the Concrete, Drainage, and Seismic Considerations sections of the referenced geotechnical foundation report are amended with the following:

CONCRETE

Based upon our prior experience in the area and laboratory test results, the on-site soils should be considered corrosive to concrete. Accordingly, all concrete to be used in the foundations, or where otherwise in contact with the soil, should comply with the following:

Type of Cement	Maximum Water/ Cement Ratio	Compressive Strength
Type V	0.45	4,500
Type V*	0.45	4,500

* Use pozzolan in very severe sulfate exposure conditions. Pozzolan has been determined, by test and service record, to improve sulfate resistance when used in concrete containing Type V cement.

The compressive strength requirement noted above is for corrosion-resistance purposes only and is intended to be in conformance with Table 1904.3 of the 2000 IBC. Should you wish to confirm or deviate from the recommendations contained in the code, a corrosion expert should be consulted, as GCS does not provide corrosion expertise services.

The required compressive strength for the structural elements should be calculated by the structural engineer and documented on the design drawings. It is recommended that all concrete placement and curing operations be performed in accordance with American Concrete Institute (ACI) guidelines.

DRAINAGE

Site grading should be planned to provide flow of all surface water away from the structural bearing elements and slabs. Surface water should not be allowed to pond by footings, slabs, exterior decks, or drives. Local gradient away from the structure should be a minimum of 2 percent for 10 feet where sidewalks or pavements do not abut the foundation. All planters within 5 feet of the foundation should have closed bottoms to inhibit water from affecting the footing system. Landscape trees and plants with high water needs should be planted at least 10 feet away from footings. Desert landscaping is highly recommended.

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All utility trenches leading to the structure should be backfilled with on-site or similar type soils placed and compacted as recommended above for sub-base fills.

The civil design engineer shall provide erosion control measures based upon the proposed grades during construction and the proposed final grades. The use of hay bales and geotextile fencing is acceptable.

SEISMIC CONSIDERATIONS

The National Seismic Risk Map classifies Southern Nevada as a Zone 2B for seismic risk, although Clark County has not historically recorded any destructive seismic events. The following conclusions are offered with regard to the site of the proposed construction:

1. Active geologic or subsidence faults were not noted or mapped on the site. However, it should be noted that an inferred fault is shown on the Clark County Soil Guidelines Map approximately 1 mile to the east of the site.
2. The bearing soils mapped are not considered susceptible to liquefaction.
3. The Site Classification for this site, as defined by the 2000 IBC, should be classified as a Site Class D in conformance with Table 1615.1.1 - Site Class Definitions (page 350).
4. Soil materials with a clay swell potential were not noted or mapped within the near-surface soils on the project site during the advancement of the subsurface explorations. Sand and gravel fill materials were noted to depths of about 4.5 to 6 feet below the existing grade. However, it should be noted that the Clark County Expansive Soil Guidelines Map refers to this area as a yellow zone with a high expansion potential.

If clayey soils are encountered during the advancement of any foundation excavations, additional clay swell testing will be required.

All other terms and conditions of the referenced original geotechnical report remain applicable.

Grisham Consulting Service's maximum liability with regard to this project is limited to our fees.

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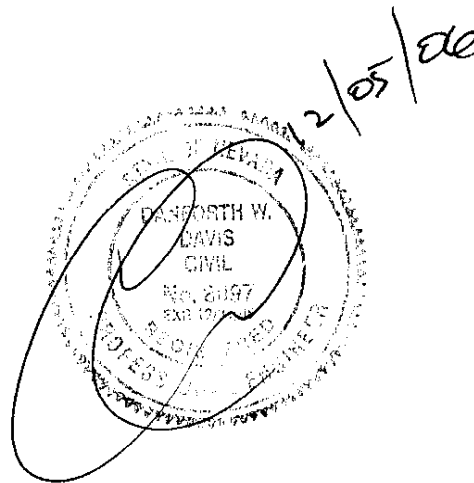
CS-06355

Should you have any questions regarding this matter, please feel free to contact this office at your convenience.

Respectfully submitted,

GRISHAM CONSULTING SERVICES, INC.

Danforth W. Davis, PE



ASSESSOR'S PARCELS - CLARK CO., NV.
M. W. Schofield, Assessor

162-13-6

MAP LEGEND

AVERAGE GRADE 35

--- PARCEL BOUNDARY

--- SUBD BOUNDARY

--- ROAD EASEMENT

--- PM/LD BOUNDARY

--- NON-PARCEL LOT LINE

--- MATCH LINE / LEADER LINE

NOTES

This map is for assessment use only and does NOT represent a survey. No liability is assumed for the accuracy of the data delineated herein. Information on roads and other non-assessed parcels may be obtained from the Road Document Listing in the Assessor's Office.

This map is compiled from official records, including surveys and deeds, but only contains the information required for assessment. See the recorded documents for more detailed legal information.

USE THIS SCALE(SEE) WHEN MAP REDUCED FROM THIS ORIGINAL

PARCEL NUMBER	ACREAGE	ROAD	661E	662E
001	1.00	138	139	140
002	0.76	163	162	161
003	1.27	116	117	118
004	0.93	152	151	150

Scale: 1" = 200' Rev: 02/10/04

