



Supplement to the
Technical Drainage Study for

Downtown Civic Center Building and Plaza
Phase 2

398-B197

March 2023

Prepared for:
City of Las Vegas (CLV)
495 S. Main St.
Las Vegas, NV 89101

Prepared by GCW, Inc.

1555 South Rainbow Blvd
Las Vegas, NV 89146

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HYDROLOGIC CRITERIA AND DRAINAGE MANUAL

DRAINAGE STUDY INFORMATION FORM

Name of Development: Downtown Civic Center Building and Plaza Phase 2 Date: March 2023

Location of Development: a) Descriptive (Cross Streets) North/South: Bonneville Ave.
East/West: Main St.

b) Section: 34 Township: 20 Range: 61 East

c) APN : See attached page

Name of Owner: City of Las Vegas

Telephone No.: 702-229-6011 Fax No.: _____ E-Mail Address: _____

Address: 495 S. Main St., Las Vegas, NV 89101

Contact Person-Name: Nelson Baggs Telephone No.: (702) 804-2000

* E-Mail Address: NBaggs@gcwengineering.com Fax No.: (702) 804-2299

Firm: GCW Inc.

Address: 1555 South Rainbow Boulevard, Las Vegas, NV 89146

Type of Land Development/Land Disturbance Process:

Rezoning		Subdivision Map		Clearing and Grading Only
Parcel Map		Planned Unit Development		Other (Please specify below)
Large Parcel Map	x	Building Permit		

1. Total Owned Land Area: At Site: +/- 3.2 acres Being Developed/Disturbed: +/- 3.2 acres

2. Is a portion or all of the subject property located in a designated FEMA Flood Hazard Area? Yes** No

3. Is the property bordered or crossed by an existing or proposed Clark County Regional Flood Control District Master Planned Facility? Yes** No

4. Proposed type of development (Residential, Commercial, Etc.): civic plaza and office buildings

5. Approximate upstream land area which drains to the subject site: +/- 2.4 acres

6. Has the site drainage been evaluated in the past? YES NO If yes, please identify documentation: _____

7. If known, please briefly identify the proposed discharge point(s) of runoff from the site: The majority of the flow discharges at the intersection of 1st Street and Clark Avenue and away from the project site. A small portion of the flow discharges at the northwest corner of the project site and is conveyed north.

8. Briefly describe your proposed schedule for the subject project: ASAP



Engineer's Seal

Submit this form as part of the required drainage study to the local entity which has jurisdiction over the subject property. This form may provide sufficient information to serve as the Conceptual Drainage Study.

***New Required Field**

****Review and concurrence of the Clark County Regional Flood Control District is required.**

Revision	Date

_____ Local Entity File No.

REFERENCE:

STANDARD FORM 1

PROJECT SITE APNS

- 13934311006
- 13934399075
- 13934311003
- 13934311005
- 13934311002
- 13934399074
- 13934311018
- 13934311019
- 13934311022
- 13934210015
- 13934210017
- 13934311020
- 13934311004
- 13934311021
- 13934210018
- 13934299002
- 13934210014
- 13934311007
- 13934311017
- 13934210016
- 13934299015
- 13934299032
- 13934299033
- 13934399079
- 13934399080
- 13934311001
- 13934399081
- 13934399002

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March 27, 2023

Albert Y. Sung, P.E.
City of Las Vegas Public Works
495 S. Main Street
Las Vegas, Nevada 89101

Re: Supplement to the Technical Drainage Study for Downtown Civic Center Building and Plaza Phase 2

Dear Mr. Sung,

This letter is to certify that all documents provided on electronic submittal (CD) match the hardcopy version of the study.

Respectfully submitted,

Nelson Baggs, P.E.

GCW, Inc.



398-B197

March 27, 2023

Albert Sung, P.E.
City of Las Vegas Public Works
495 S. Main Street
Las Vegas, NV 89101

Subject: Supplement to the Technical Drainage Study for Downtown Civic Center Building and Plaza Phase 2 (DS5631B)

Per coordination with the City of Las Vegas (CLV), the trench drain has been revised to tie into the sewer system. In addition, the entry high point to the loading dock area has been raised by 0.12-ft on the west side of the entry and 0.1-ft on the east side to provide additional protection from offsite flows and allow water to weir into Bonneville without impacting the adjacent finished floors.

If you have any questions or require additional information, please do not hesitate to contact GCW at (702) 804-2000.

Respectfully,

GCW, INC.



Nelson Baggs, P.E.
Flood Control Division



APPENDIX

COMMENTS ADDRESSED IN SUPPLEMENT

Nelson Baggs

From: Albert Sung <YSung@LasVegasNevada.GOV>
Sent: Thursday, February 23, 2023 08:07 AM
To: Nelson Baggs
Subject: FW: Downtown Civic

Nelson,

I tried to call you but to no avail.

Yesterday I sent a conditional approval letter to you, however, I overlooked on a couple things:

- 1) The discharge from loading dock area cannot be connected to storm drain system. Revise it to connect to the sanitary sewer system;
- 2) Revise to provide 6"-hump in the driveway of the loading dock.

Please disregard the last review letter I sent you. Revise the plans accordingly and send me a copy for my filing as a supplemental submittal, no charge. The improvement plans to City Land Development will not be approved without the above stated revisions.

Sorry and thanks!

Albert Y. Sung, P.E.

Project Engineer
Public Works Dept. / Flood Control
(702) 229-6541
495 S. Main Street
Las Vegas, NV 89101



lasvegasnevada.gov



Your opinion is important! Click [here](#) to take a short survey.

From: Albert Sung
Sent: Wednesday, February 22, 2023 3:39 PM
To: Nelson Baggs <NBaggs@gcwengineering.com>
Subject: Downtown Civic

Here you go!

Albert Y. Sung, P.E.

Project Engineer
Public Works Dept. / Flood Control