



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
 (702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov



Drainage Study Approval Letter

Date: April 27, 2021
Firm: Taney Engineering
Engineer: Lee Gong, Ph.D., P.E, CFM
Address: 6030 South Jones Boulevard, Suite 100, Las Vegas NV 89118
Phone: (702) 362-8844
Fax: (702) 362-5233
E-mail: LeeG@taneycorp.com

Subject: Technical Drainage Study for Buffalo & Craig
Location: SEC of Craig Road and Buffalo Drive
APN: 138-03-301-001, -004
Sec, Township, Range: S03, T20S, R60E
Flood Zone & Panel: Zone X, 2135F, dated November 16, 2011
Application Number: PW21-11492

Submittals	Date Received	Date Returned	Reviewer	Miscellaneous
Technical	02/24/2021	03/15/2021	CR	
Addendum 1	02/24/2021	03/15/2021	CR	
Addendum 2	04/01/2021	04/20/2021	CR	
Supplement	04/21/2021	04/27/2021	CR	

Concurrence Required: (Must be obtained prior to permit issuance)	Reason Concurrence is Required
Boulder City	Adjacent to or Impacts Jurisdiction
City of Mesquite	Adjacent to or Impacts Jurisdiction
City of Henderson	Adjacent to or Impacts Jurisdiction
City of Las Vegas	Adjacent to or Impacts Jurisdiction
City of North Las Vegas	Adjacent to or Impacts Jurisdiction
Nevada Department of Transportation	Adjacent to or Impacts NDOT Facility
Union Pacific Rail Road	Adjacent to or Impacts a UPRR Facility
US Army Corps of Engineers	Impacts a USACE Facility
Clark County Regional Flood Control District	Regional Significance, Adjacent to or Impacts CCRFCD MPU Facility or in a SFHA

The referenced **Technical Drainage Study** has been reviewed and is accepted as complying with minimum improvement standards. As set forth in the subject drainage study, the following measures will be taken to mitigate flood hazards.

The site shall be graded with respect to drainage as shown on "**Altair @ Buffalo & Craig**", grading plan sheets CVR, NTS, G1, G2, GD1 and PP1 thru PP5, signed and sealed by Robert D. Cummingham, P.E., on March 29, 2021.

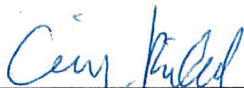
Check appropriate conditions

	Retaining/screen wall combination may be in excess of current Clark County Unified Development Code, Chapter 30.64.050.
	A FEMA Elevation Certificate, completed by a licensed surveyor, must be submitted to and approved by CCPW Development Review Plan Check prior to the issuance of Certificates of Occupancy for those structures.
X	Mylars of the grading plan must be submitted to the CCPW Development Review Plan Check for approval signatures prior to map recordation (residential) or permit issuance (commercial).
	An administrative variance to allow the finished floor elevation(s) to be set below the current Clark County criteria must be approved. The finished floor variance must be submitted to CCPW Development Review front counter after drainage study approval and prior to offsite final review.
X	The grading plan will be reviewed by the Building Office Operations Division to ensure compliance with the ADA access requirements. Revisions to the grading plan may be required if the site accessibility design does not comply with the requirements set forth in the Accessibility Chapter of the Clark County Building Code.
	The plans show work is proposed outside of the project boundary. Notarized written permission must be obtained prior to grading plan approval.
X	Right-of-way dedication must be verified.
	Any previously approved drainage easements that are not being used must be vacated.
	<i>Per Regional Flood Control District policies and Procedures manual, Section VIII. D. 13. Uniform Regulations for the Control of Drainage,</i> the Engineer of Record shall provide As-Built plans or record drawings to the District after completion and final inspection of such privately installed flood control facilities that have regional flood control significance.
	Structural calculations are required. The structural calculations, plans, and details must be approved prior to "Offsite" submittal and prior to CCRFCD submittal, if applicable.
X	Plan revisions can be found on the red-lined plans and must be addressed.
	Prepare drainage easement documents as shown on the grading plans.

Additional Conditions:

1. The above-referenced project is located within the **City of Las Vegas** adjacent to Clark County unincorporated areas. The drainage study was submitted to the County for concurrence on February 24, 2021. In addition, the County has received the City of Las Vegas acceptance letter dated February 18, 2021 for the Technical Drainage Study (File# DS05384B).
2. The County concurs with the acceptance of this Drainage Study by the City of Las Vegas. Please note that the County's review of this development is limited to drainage issues significant to Clark County unincorporated areas.
3. There is a sewer line that is being constructed within Clark County ROW. Therefore, the engineer must submit to CCPW for offsite plan review and permits.
4. Provide Clark County signature blocks and notes on plans.

The County's review is solely based on the information submitted by the Engineer of Record. The County's review is strictly limited to compliance with minimum County Codes and Standards. The Engineer of Record is responsible for researching and addressing situations that may require designs above and beyond the minimum codes for issues of public safety and impacts to upstream, downstream and adjacent properties. The County assumes no liability for information, data, designs or conclusions of the Engineer of Record.



Crissy Riland, P.E.
Senior Civil Engineer
Development Review
crissy@ClarkCountyNV.gov



W. Layne Weber, P.E., CFM
Principal Engineer
Development Review
wlweber@ClarkCountyNV.gov

