

DS #:

5224

APN:

125.20.301.008.020

PROJECT:

Deer Springs - Durango Apartments

SUBMITTAL:

3rd

SCANNED BY/DATE:

CHECKED BY/DATE:



CITY OF LAS VEGAS		DATE:
INTER-OFFICE MEMORANDUM		March 25, 2020
TO: Land Development Services Department of Building & Safety		FROM: Jennifer Shinn, P.E. Flood Control, Engr. Associate Department of Public Works
SUBJECT:	Drainage Study for:	
	Deer Springs – Durango Apartments	
Cross Streets:	SWQ of Deer Springs Way and Durango Dr	COPIES TO: Impulse Civil Engineering
File Number:	F:\Depot\DSMemos\DS05224B.doc	Deer Springs Durango Apts, LLC
Parcel Number:	125-20-301-008, -020	Bart Anderson, P.E., DevCo
Zoning Action:	SDR-76995	CCRFCD
FEMA Flood Zone	YES	CCPW
Proposed Storm Drain	YES X	
	NO X	
	NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	11/26/2019	12/17/2019	See Comments Below	\$400.00	3657908: \$400
2 nd Submittal	1/16/2020	2/11/2020		\$400.00	3706956: \$400
3 rd Submittal	3/23/2020	3/25/2020	Approved	N/C	N/C
TOTAL FEES (LDDRS):				\$800.00	----

REMARKS:

The Drainage Study for the subject project has been reviewed and:

X	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
	is conditionally approved subject to Clark County Public Works Department concurrence.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section*. Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see <http://ndep.nv.gov/bwpc/storm01.htm> or call (775) 687-9429.

END OF REMARKS

JKS

T/R/S: T19S/R60E/S20

AREA G-20

REGIONAL FLOOD CONTROL DISTRICT



Steven C. Parrish, P.E.
General Manager/Chief
Engineer

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March 23, 2020

Mr. Oh Sang Kwon, P.E.
City of Las Vegas Department of Public Works
333 North Rancho Drive
Las Vegas, NV 89106

DISTRICT CONCURRENCE: DEER SPRINGS - DURANGO APARTMENTS (DS5224B) (RFCD No. 20-12458)

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated October 24, 2019, and Addendum No. 1 dated January 3, 2020 for above-mentioned project as submitted by IMPULSE CIVIL ENGINEERING. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas Department of Public Works dated February 18, 2020.

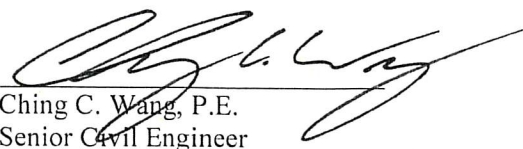
District concurs with acceptance of this Technical Drainage Study by City of Las Vegas Department of Public Works.

District's review of this project was limited to issues of Regional Flood Control Significance as defined in *Uniform Regulations for the Control of Drainage*.

Please be aware that as additional information becomes available and/or restudies of Flood Insurance Studies are performed, information submitted by IMPULSE CIVIL ENGINEERING may be superseded. Compliance with regulatory elements and design standards specified in *Uniform Regulations for the Control of Drainage* does not imply a guarantee that properties will be free from flooding or flood damage. The District, its officials, or employees assume no liability for information, data, or conclusions presented by consulting engineers. We, therefore, make no warranties, either expressed or implied, in conducting this review.

STEVEN C. PARRISH, P.E.
General Manager/Chief Engineer

BY:


Ching C. Wang, P.E.
Senior Civil Engineer

CCW:jb

c: Peter Laas, Impulse Civil Engineering

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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: March 4, 2020
Firm: Impulse Civil Engineering & Planning
Engineer: Peter J. Laas, P.E.
Address: 7485 West Azure Avenue, Suite 226, Las Vegas, NV 89130
Phone: (702) 815-0720
Fax: (702) 478-8535
E-mail: plaas@impulsecivil.net

Subject: Technical Drainage Study for Deer Springs-Durango Apartments
Location: SW of Deer Springs Way and Durango Drive
APN: 125-20-301-008,-20
Sec, Township, Range: S20, T19S, R60E
Flood Zone & Panel: Zone X, 1745E, dated September 27, 2002
Application Number: PW20-11678

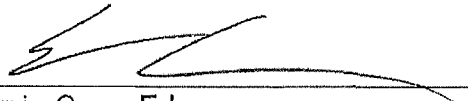
Submittals	Date Received	Date Returned	Reviewer	Miscellaneous
Technical	02/20/2020	03/04/2020	EC	
Addendum 1	02/20/2020	03/04/2020	EC	

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 20, 2020. In addition, the County has received the City of Las Vegas acceptance letter dated February 18, 2020 for the Technical Drainage Study (DS05244B).

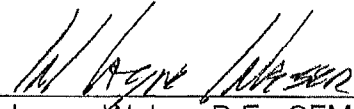
The County concurs with the acceptance of this Drainage Study by the City of Las Vegas. Please note that the County's review of this development is limited to drainage issues significant to Clark County unincorporated areas.

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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.



Ernie Corn, E.I.
Associate Civil Engineer
Development Review
ernie.corn@ClarkCountyNV.gov



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