

DS #: 05349

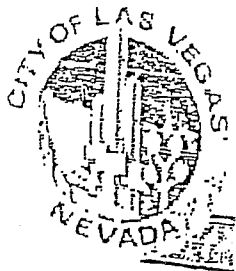
APN: 137-23-210-001

PROJECT: Summerlin West Village 22 Kettle Ridge Drive (Street J)
(from Sunset Run Drive to Kettle Rise Way)

SUBMITTAL: CCRFD

SCANNED BY/DATE:

CHECKED BY/DATE:



CITY OF LAS VEGAS		DATE:
INTER-OFFICE MEMORANDUM		July 12, 2021
TO: Land Development Services Department of Building & Safety		FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:	Drainage Study for:	
	Summerlin West Village 22 - Kettle Ridge Drive (Street J) (from Sunset Run Drive to Kindle Rise Way)	
Cross Streets:	Kettle Ridge Drive and Sunset Run Drive	COPIES TO:
File Number:	F:\Depot\DSMemos\DS5349D.doc	Atkins Global
Parcel Number:	137-23-210-001	Howard Hughes Company, LLC.
Zoning Action:	N/A	Bart Anderson, P.E., DevCo
FEMA Flood Zone	YES	NO X
Proposed Storm Drain	YES X	NO
		CCRFC

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	8/27/2020	9/14/2020	Not Approved	\$400.00	3990502: \$400
2 nd Submittal	11/4/2020	11/17/2020	Not Approved	\$400.00	4061002: \$400
3 rd Submittal	1/12/2021	1/21/2021	Conditional Approval	\$400.00	4127576: \$400
CCRFC	7/6/2021	7/12/2021	Concurrence Recv'd	N/C	N/C
TOTAL FEES (LDDRS):				\$1,200.00	----

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 or supplemented 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.

1. The subject street improvement of *Kettle Ridge Drive (Street J)* is premised on the existence of *Sunset Run Drive*, *Kindle Rise Way* and the associated storm drain facilities are in place for downstream flood perpetuation. The subject drainage study will not be approved prior to the posting of the construction bonds of the above stated street improvements projects.
2. The project proposes to build temporary drainage facilities, ie, berms/swales along the sides of *Kettle Ridge Drive (Street J)* for interim flood protection. Prior to final plan approval the developer must complete a maintenance and liability agreement for the interim drainage improvements (berms or channels) and post a minimum maintenance bond of \$50,000 or 50-percent of the construction cost for the improvements, whichever is greater. The engineer must submit an estimate of the quantities for constructing the facility and an exhibit that adequately shows the location and limits of the drainage facility to *City of Las Vegas Flood Control* for approval. Once the drainage study is conditionally approved, the engineer should contact the *City's Land Development Section* (229-6371) to begin the agreement process.

In order for the maintenance bond to be released in the future, a drainage update / letter will be required to justify that the offsite berms / channels are no longer necessary and can be removed.

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.

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.

END OF REMARKS
HDR/AYS

T/R/S: T20S/R59E/23
AREA K-23

Rec'd: 7/6/21

DS 05349

K-23

N/C

REGIONAL FLOOD
CONTROL DISTRICT



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

BOARD OF DIRECTORS

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Clark County

June 29, 2021

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

**DISTRICT CONCURRENCE: SUMMERLIN WEST V22 KETTLE RIDGE DRIVE:
SUNSET RUN DRIVE TO KINDLE RISE WAY
(DS5349C) (RFCD No. 21-13795)**

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated August 27, 2020, Addendum No. 1 dated November 4, 2020, and Supplement No. 1 dated January 12, 2021, for above-mentioned project as submitted by ATKINS. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas Department of Public Works dated January 21, 2021.

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 ATKINS 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 Wang (Jun 30, 2021 16:56 PDT)

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

CCW:jr

c: MOLLY M. ANDERSON, P.E., ATKINS

P:\Letters and Memos\Local Drainage\Land Development & Drainage\2021\L-21-13795.doc

From: [Luis Morales](#)
Sent: Tuesday, May 11, 2021 10:00 AM
To: [Milstead, Caron](#)
Cc: [David Guerra](#); [Barcos, Nicolas](#); [Klein, Janelle](#)
Subject: Summerlin V22 Kettle Ridge Dr Sunset to Kindle L21-00441

Hi Caron,

Thanks for providing the digitally signed structural calcs. I have manually uploaded it to your project and have approved the structural review. You may provide this email to CCRFCD as proof of approval.

Please note I still have very minor labeling comments on sheets 20 and 21 of the civil improvement plans that will still need to be addressed when you resubmit.

Let me know if you have any questions.

Thanks,

Luis Morales, P.E.

Engineering Project Manager
Building and Safety Department | Land Development Division
702-229-2097 phone | 702-631-3000 fax | 702-752-3414 Cell
495 S. Main Street | Las Vegas, NV 89101



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Utilize the following links to:

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- ☐ Pay fees: <http://www.lasvegasnevada.gov/paypermit>
- ☐ Schedule an inspection: <http://www.lasvegasnevada.gov/scheduleinspection>
- ☐ Submit a Records Request: <http://www.lasvegasnevada.gov/recordsrequest>

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

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