DS #: 5226

APN: 137-22-301-001

PROJECT: Summerlin West Grand Parke Detention Basin - Inlet Pipe

SUBMITTAL: CCRFCD

SCANNED BY/DATE:

CHECKED BY/DATE:

CITY OF LAS VEGAS
NEVADA

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM				DATE: July 1, 2020
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:			**COPIES TO:**
Summerlin West Grand Park Detention Basin - Inlet Pipe				VTN Nevada
Cross Streets:	I-215 and Summerlin Parkway			The Howard Hughes Corporation
File Number:	F:\Depot\DSMemos\DS5226D.doc			Bart Anderson, P.E., DevCo
Parcel Number:	137-22-301-001			CCRFCD
Zoning Action:	N/A			
FEMA Flood Zone	YES	NO **X**		
Proposed Storm Drain	YES **X**	NO		

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	11/27/2019	12/20/2019 & 12/30/2019	Not Approved	$400.00	3658677: $400
2nd Submittal	2/18/2020	3/26/2020	Not Approved	$400.00	3747241: $400
3rd Submittal	4/20/2020	5/11/2020	Conditional Approval	$400.00	3820204: $400
CCRFCD	6/23/2020	7/1/2020	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 project proposed to construct temporary drainage facilities including drainage berms/ditches along the west side of various perimeter streets. Prior to the final plans approval, the developer must complete a ***Maintenance & Liability Agreement*** for the interim drainage improvements 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 facilities and an exhibit that adequately shows the location and limits of the drainage facilities to *City Flood Control* for approval. Once the drainage study is conditionally approved, the engineer/developer should contact the *City's Land Development Section* (702-229-6371) 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 berm/swale are no longer necessary and can be removed.

2. Previous comment for Sheet PP4 to Sheet PP6 to extend the 30"-RCP stub from *Sunset Run Drive* to Station 25+00 in *Calico Bend Drive* for future inlets connection will be required upon future *Calico Bend Drive Street Improvement Project*.

3. Previous comment for Sheet PP7 to Sheet PP10 to provide extension of storm drain and inlets in *Park Drift Trail* from Station 236+00 to the intersection with *Lake Mead Boulevard* will be required upon future *Park Drift Trail Street Improvement Project*.
4. Previous comment for Sheet PP11 to Sheet PP13 to provide extension of storm drain and inlets in *Park Drift Trail* between *Lake Mead Boulevard* and *Sunset Run Drive* will be required upon future *Park Drift Trail Street Improvement Project*.
5. Previous comment for Sheet PP17 to Sheet PP19 to extend the 54"-RCP stub in *Sunset Run Drive* to provide future drop inlets will be required upon future *Sunset Run Drive Street Improvement Project*.
6. All offsite interim flood control facilities such as but not limited to berms/ditches, temporary sump and temporary sediment basins are privately owned and to be privately maintained by the *Howard Hughes Company*. Provide a note as such on the grading plans.

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
HDR/AYS

T/R/S: T20S/R59E/22
AREA K-22

REGIONAL FLOOD CONTROL DISTRICT

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

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June 22, 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: **SUMMERLIN WEST GRAND PARK DB INLET PIPE**
(DS5226C) (RFCD No. 20-13535)

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated November 27, 2019, Addendum No. 1 dated February 18, 2020, Addendum No. 2 dated April 20, 2020 for above-mentioned project as submitted by VTN NEVADA. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas Department of Public Works dated May 11, 2020.

District concurs with acceptance of this Technical Drainage Study by City of Las Vegas Department of Public Works with the following condition(s):

> Note that per District's Policies and Procedures Manual, Section VIII.D.13 Uniform Regulations for the Control of Drainage, the Lead Entity 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 a regional flood control significance.

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 VTN NEVADA 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.

REGIONAL FLOOD CONTROL DISTRICT

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

BY: _____
Ching C. Wang, P.E.
Senior Civil Engineer

CCW:sa

c: Paul Morton, VTN Nevada

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