

DS #: 4916

APN: 138-03-611-014

PROJECT: Sharkey's @ Craig Road and US 95

SUBMITTAL: CCRFCD

SCANNED BY/DATE: _____

CHECKED BY/DATE: _____



CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: November 8, 2017
TO: Land Development Services Department of Building & Safety		FROM: Peter Jackson, CFM Flood Control Sr. Engineering Associate Department of Public Works
SUBJECT: Drainage Study for: Sharkey's @ Craig Road and US-95 Update to DS4722		COPIES TO: Lochsa Engineering
Cross Streets:	Craig & US-95	Dapper Development
File Number:	F:\Depot\DSMemos\DS4916B.ZNAE.doc	Bart Anderson, P.E., DevCo
Parcel Number:	138-03-611-014	CCRFCFCD
Zoning Action:	SDR-59306	
FEMA Flood Zone	YES X NO	
Proposed Storm Drain	YES NO X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	9/14/2017	9/28/2017	Conditional Approval	\$400.00	490114: \$400
CCRFCFCD	11/8/2017	11/20/2017	Concurrence Recv'd	N/C	N/C
TOTAL FEES (LDDRS):				\$400.00	----

REMARKS: A portion of the site is within a FEMA Special Flood Hazard Area, Zone AE. A new LOMR shall be required for Lot C "Sharkey's" to remove the structure from the Flood Zone.

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 State of Nevada, Department of Transportation (NDOT) Hydraulics Section concurrence.

1. A Letter of Map Revision (LOMR-F) must be obtained from FEMA after the completion of any project within a FEMA Special Flood Hazard Area, Flood Zone "AE". The bonded improvements shall include a line item of **\$50,000.00** for the LOMR-F. The bonded improvements will not be released until the LOMR-F is obtained from FEMA and filed with the City of Las Vegas.
2. Revise the BFE on the Grading Plan and Detail Sheet to reflect the 1% Annual Chance Flood Elevation of 2324.7 feet per FEMA LOMR Case No.: 16-09-3077A for Lot C.

The Engineer is to provide addresses for each building in a FEMA Flood Hazard Zone prior to obtaining a grading permit. This information is necessary to insure that the FEMA elevation certificates are provided for each address prior to the issuance of the building permits. Updated FEMA elevation certificates are required after the finish floors are complete prior to scheduling a framing inspection. The as-built FEMA elevation certificates are required at the completion of construction prior to requesting the certificate of occupancy.

- NOTE:** This site is located in a **FEMA Zone AE**. Clark County Regional Flood Control District (CCRFCD) review and approval is required prior to recordation of final map or issuance of building/grading permits. The Engineer must send a copy of the report to the CCRFCD for review. **The developer/engineer must also obtain a Letter of Map Revision (LOMR) using the approved drainage study as technical support to inform FEMA of the modifications within the flood zone. The approved LOMR must be submitted to the City of Las Vegas prior to the release of the bond.** FEMA Elevation Certificates, showing as-built finish floor elevations, must be completed for each building in the FEMA AE Zone. The certificate must be submitted to the *City of Las Vegas Flood Control Section* prior to scheduling a framing inspection.
- 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
pbj

T/R/S: T20S/R60E/03
AREA L-03

REGIONAL FLOOD CONTROL DISTRICT



Rec'd: 11/8/17

DS 4916

L-03

N/C

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

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City of Las Vegas

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City of Boulder City

November 8, 2017

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

**DISTRICT CONCURRENCE: SHARKEY'S @ CRAIG ROAD AND US-95
(DS4916A) (RFCD No. 17-9934)**

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated September 14, 2017 for above-mentioned project as submitted by LOCHSA ENGINEERING. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas Department of Public Works dated September 28, 2017.

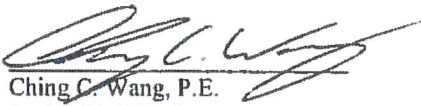
District concurs with acceptance of this Technical Drainage Study by City of Las Vegas Department of Public Works.


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*. As noted in study, site resides in a Special Flood Hazard Area (SFHA) designated as "Zone AE" per the effective Flood Insurance Rate Map (FIRM). Therefore, consultant should be advised that this acceptance does not serve to amend the FIRM or remove the SFHA.

Please be aware that as additional information becomes available and/or restudies of Flood Insurance Studies are performed, information submitted by LOCHSA 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


Todd Myers, P.E.
Engineering Director

CCW:dd

c: Douglas B. Blatchford, P.E., Lochsa Engineering

P:\Letters and Memos\Local Drainage\Land Development & Drainage\2017\17-9934 doc

 *** FAX TX REPORT ***

TRANSMISSION OK

JOB NO. 0948
 DESTINATION ADDRESS 7023659317
 PSWD/SUBADDRESS
 DESTINATION ID
 ST. TIME 11/20 09:54
 USAGE T 00' 43
 PGS. 2
 RESULT OK

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