

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: February 13, 2023
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:
Stonebridge Stake Center		Civil Solutions Group, Inc.
Cross Streets:	NWQ of Sky Vista Drive & Crossbridge Drive	Church of Jesus Christ of Latter Day Saints c/o Trio Design
File Number:	F:\Depot\DSMemos\DS5633B.doc	Bart Anderson, P.E., DevCo
Parcel Number:	164-03-115-001	
Zoning Action:	22-0612-CRG1	
FEMA Flood Zone	YES NO X	
Proposed Storm Drain	YES X NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	12/5/2022 <small>(Paid on 12/14/2022)</small>	12/28/2022	Not Approved	\$400.00	5073984: \$400
2 nd Submittal	1/30/2023	2/13/2023	See Comments Below	\$400.00	5122284: \$400
			TOTAL FEES (LDDRS):	\$800.00	----

REMARKS:

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

	is approved subject to conformance to all City standards and the following conditions:
X	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.

- Second Request: Exhibits D & E:** The texts are too small and illegible. The engineer should use full size sheets (24"x36") in the next submittal.

The full size plans had not been provided in the last submittal.

- Second Request: Sheet CG-01:** Storm drain connecting DI#2 to SDMH#2 has 20.42ft length however the StormCAD profile shows 24.12ft. Revise accordingly.

The revised plan shows the length to 21.34', however, the StormCAD profile now shows 25.20'. The comment still has not been resolved satisfactorily.

- Second Request: Sheet CG-02:** Storm drain connecting DI#3 to DI#4 has 10.08ft length and 20.3% slope however the StormCAD profile shows 13.44 ft and 19.90%. Revise accordingly.

The revised plan shows the length of 10.58', however, the StormCAD profile now shows 13.62'. The comment still has not been resolved satisfactorily.

- Second Request:** On the grading plans, show and identify an existing storm drain system in Crossbridge Drive and label with pipe size and City of Las Vegas recorded plan number. Identify all pertinent existing drop inlets and with size information.

5. **Second Request:** *Provide BMP design calculations and BMP facilities such as landscape swales or sand/oil interceptors for the proposed site parking lot and LIDs per Section 1500 from the Clark County Regional Flood Control District's Hydrologic Criteria and Drainage Design Manual.*

It is not clear how the BMP has been provided. Provide calculations and a sub-chapter to clearly address the provision of BMP in the next submittal.

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: T21S/R59E/03
AREA P-03