

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: August 18, 2025
TO: Land Development Services Department of Community Development – Building & Safety Division		FROM: Stanley Fong, P.E. Flood Control Sr. Eng. Associate Department of Public Works
SUBJECT: Drainage Study for: SPWD Desert Regional Center Building Replacement		COPIES TO: Lochsa Engineering
Cross Streets:	Jones Blvd and Oakey Blvd	Nevada State Public Works Division
File Number:	F:\Depot\DSMemos\DS5810A.doc	Lucien Paet, P.E., DevCo
Parcel Number:	163-02-601-007	
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 #
1 st Submittal	8-11-2025	8-18-2025	See Comments Below	\$400	6354200: \$400
TOTAL FEES (LDDRS):				\$400	----

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.

1. Is this property being subdivided by a new parcel map? Dedicate required public drainage easements with the parcel map. Show the new property lines and drainage easements on the grading plans and exhibits.
2. Provide additional spot elevations and/ or contour elevations to verify basin delineation on Figures DR1, DR2 and OF1.
3. Verify combination point CPX4 and CPD4 on Figures DR1 and DR2 respectively? Basin NX3 and ND3 are shown draining to the north.
4. Provide hydraulic cross sections for the valley gutter north of building 'C' and the L-type curb north of building 'A'.
5. Standard form 6 shows 29-cfs in the 36" pipe. Provide explanation for this flow?

Grading Plans:

6. Verify the 18" storm drain pipe form SDDI-1 to SDMH-3? Provide capacity calculations if 18" pipe is used.
7. Verify the grading and proposed improvements north of building 'A'? It seems like not all the offsite and onsite flows will be captured by the grate inlet.

8. Provide additional cross sections to show improvements north of building 'A', north of building 'C' and west of building 'C'
9. Verify BMP swale lengths. It needs to be 30-ft minimum per Section 1500 of CCRFCD drainage manual.
10. Use a manhole instead of a tee at the 24" pipe and 36" pipe connection.
11. Use a 30" ring and cover for all storm drain manholes.

***** The City of Las Vegas Flood Control is standardizing the file naming of drainage studies and plans during the digitizing process. When saving the project files in the CD or thumb drive, please follow the system below:**

If drainage study only contains one combined file, use the following naming convention in Document Title:

1st Submittal DS and Plans (for first and original submittal);

2nd Submittal DS and Plans (for second submittal (addendum #1)) etc.

If drainage study contains multiple files, use the following naming convention in Document Title:

1st Submittal DS (for the report of the drainage study)

1st Submittal Plan 1 (could be the drainage condition maps)

1st Submittal Plan 2 (could be the improvement plans) etc.

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, final approval 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
SF

T/R/S: T21S/R60E/S02
AREA Q02