

CITY OF LAS VEGAS		DATE:	
INTER-OFFICE MEMORANDUM		March 10, 2025	
TO: Land Development Services Department of Building & Safety		FROM: Neil Wacaser, P.E. <i>NW</i> Sr. Engineering Associate Department of Public Works	
SUBJECT:	Drainage Study for:	COPIES TO:	
Challenger at Lone Mountain		Horrocks Engineers	
Cross Streets:	Hualapai Way & Gowan Road	Challenger School	
File Number:	F:\Depot\DSMemos\DS05837A.doc		
Parcel Number:	138-07-301-036		
Zoning Action:			
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	01/27/2025	02/26/2025	See Comments Below	\$400	\$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. Show the existing improvements on the existing condition drainage map.
2. Insure that all surface types are represented by a unique hatch pattern. For example, at the west side of sheet CG101, construction note 13 indicates "playground access section 2/CP502". The playground access section appears to consist of two separate surface types. Provide a corresponding hatch for each individual surface type. Also, insure that all hatch patterns used are shown in the hatch pattern legend on sheet G003 (3 of 17) and are the same scale and line weight as the corresponding hatch patterns used in the rest of the plans.
3. Note #2 on sheet CU101 for the storm drain pipe & trench directs to detail 2 on sheet CP503. Said detail 2 then shows a 3" bituminous surface on one side of the trench and backfilled & compacted excavated material on the other side of the trench. The plan view of the same area on sheet CU101 and sheet GC101 do not show the difference in the two surfaces. Provide clarification on the plans regarding the finished surface of the trench.
4. Label FFE of adjacent existing buildings.
5. The site is adjacent to or crosses an existing or proposed Clark County Regional Flood Control District (CCRFCD) master planned facility. Therefore, CCRFCD concurrence is required prior to final approval of the drainage study.

Please note that effective March 15, 2019, the CCRFCD adopted new requirements for drainage study concurrence submittal. Follow the link below for specific guidance.

<http://gustfront.ccrfcd.org/LandDev/LandDev.aspx>

6. The City of Las Vegas does not allow HDPE pipe in public right-of-ways or public drainage easements. Note that City of Las Vegas only allows the use of HDPE storm drain pipes for privately owned and privately maintained storm drain systems which serve and are located exclusively on private properties. Any proposed HDPE storm drain pipes must also meet all design criteria established by the Clark County Regional Flood Control District and must be installed per Clark County Regional Transportation Commission Uniform Standard Drawings and Specifications.
7. Provide the latest stormwater management notes on the next submittal. Contact CLV Flood Control for a copy of the correct notes if necessary.

***** 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.

END OF REMARKS

HDR/nw

T/R/S: T20S/R60E/S07
AREA L-07