

CITY OF LAS VEGAS		DATE:	
INTER-OFFICE MEMORANDUM		November 14, 2022	
TO: Land Development Services Department of Building & Safety		FROM: Peter Jackson, CFM Flood Control Senior Engineering Assoc. Department of Public Works	
SUBJECT: Drainage Study for:		COPIES TO:	
Iron Mountain Road West Shaumber Road to west of Sheep Mountain Parkway		Westwood Professional Services	
Cross Streets:	Sheep Mountain Pkwy and Iron Mountain Rd	Century Communities	
File Number:	F:\Depot\DSMemos\DS5622A.doc	CCRFCD	
Parcel Number:	126-12-101-004; 126-12-110-001; 126-01-401-003, -011, -012, -013	Eric Meyer – CLV Transportation Lucien Paet – CLV Devco.	
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	11/01/2022	11/14/2022	See Comments Below	\$400	\$400
TOTAL FEES (LDDRS):				\$400	----

REMARKS: Drainage Study for Iron Mountain Road Infrastructure Improvements required as part of the Skye Canyon Master Plan.

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. The outfall from Detention Basin #2 (DB #2) has a flow rate of 85 cfs. The provided HEC-1 analysis needs to include the DB #2 base flow and then add the concept flows from 5.06a and 5.06b. The combined flows shall not exceed the Concentration Point WC38 flow of 139 cfs. Flows above the approved 139 cfs will require an Update to the Skye Canyon Master Drainage Study to address any downstream impacts. It is noted that the Parcel 5.06 Drainage Study has yet to be submitted and the conceptual flows in this study may require an Update to this Study based upon the 5.06 Drainage Study review.
2. Provide a copy of the zoning/planning conditions associated with the 5.06 Parcel with the next submittal to verify conditions and alignment of Iron Mountain Road and the street intersection / driveway connection near Station 125+01 to 126+09. Flood Control will not issue conditional approval of the drainage study without verifying the roadway and intersection location. Any changes will require that the drainage study be revised and resubmitted.

3. The Iron Mountain alignment west of Sheep Mountain Parkway includes a roadway shift to accommodate the future extension of Iron Mountain Road to the west of Skye Canyon. Include the roadway shift as part of these plans.
4. The proposed Right-of-Way limits and the Pedestrian & Maintenance Easements for Iron Mountain, west of Sheep Mountain Parkway needs to be shown. Provide a Right-of-Way and Easement Exhibit for Public Works approval prior to final approval of the Drainage Study. The dedication is required prior to final approval of the Improvement Plans.
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>

Please note that effective April 6, 2020, only electronic submittals to the CCRFCD will be accepted for regional concurrence. Contact cwang@regionalflood.org for direction.

6. All information shown on the PDF is certified as correct, however not all pages of the PDF Report are shown correctly. Please QC and update PDF to match the printed report.
7. Revise the proposed storm drain manhole SDMH #1 on Sheet SD-1 and PP-2 to a 60" manhole. Refer to Std. Dwg. 405.2, Sheet 2 with a 30" Frame & Cover. Revise the call-out and quantity sheet accordingly.
8. Inlets in series are required to have a clear separation of 20' between the outside dimensions of the drop inlets. The proposed 12.5' separation between the inlets is not adequate as shown on Sheets PP-1 and SD-1. Revise the plans and supporting calculations accordingly.
9. Coordinate the proposed improvements at the Iron Mountain Road and Sheep Mountain Parkway intersection with the Sheep Mountain Parkway project. Contact the Project Manager, Eric Meyer at 702-229-6033 to verify the required intersection improvements.
10. Coordinate the proposed improvements at the Iron Mountain Road and Shaumber Road intersection. The Plans for Shaumber (L21-01547) stop at the southwest return. The Iron Mountain plans need to include the complete return with the associated sidewalk & ramps at the southwest quadrant of the intersection. Revise the plans accordingly.
11. Clearly show the Iron Mountain Road Right-of-Way limits and the Pedestrian & Maintenance Easements as shown on the Skye Canyon Phase 4 Final Map (Bk. 160 / Pg. 72 of Plats).
12. Show the existing Public Drainage Easement for the existing storm drain outside of the Iron Mountain Right-of-Way on Sheets PP-1 & PP-2. Include the document number on the plans.
13. The sidewalk returns shown at the driveway on the West end (near Station 125+01 to 126+09) of the project will also be required to be 8' wide. The 8-foot sidewalk widths must be consistent.
14. Callout the size of the existing 60" storm drain manholes on the plan profiles sheets.

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/PBJ

T/R/S: T19S/R59E/S12
AREA F-12