

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: 5/25/2023		
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:	
Sheep Mountain Parkway Access Road from Farm Road to Grand Teton Drive				Westwood Professional Services	
Cross Streets:		Sheep Mountain Pkwy & Grand Teton Dr		Olympia Companies	
File Number:		F:\Depot\DSMemos\DS05672.doc		Bart Anderson, P.E., DevCo	
Parcel Number:		126-14-501-001		CCRFCD	
Zoning Action:					
FEMA Flood Zone		YES	NO	X	
Proposed Storm Drain		YES	NO	X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	4/27/2023	5/25/2023	See Comments Below	\$400	5250717: \$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.

The following are comments pertaining to the subject site specific drainage study and grading plans:

1. Provide a copy of the zoning/planning conditions associated with this site with the next submittal to verify compliance with conditions. *Flood Control* will not issue conditional approval of the drainage study without the associated zoning/planning conditions (issued by the *City Council*). Any associated conditions of approval that revise the site drainage parameters will require that the drainage study be revised and resubmitted.
2. 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.

When it's applicable, structural calculations of facilities must be approved by the City prior to submittal to the Clark County Regional Flood Control District for their review and concurrence.

*** The Conditional Approval of this Drainage Study is to allow the engineer/developer to submit the Improvement Plans to City Land Development Only

*** Do not submit the Drainage Study to Clark County Regional Flood Control District (CCRFCD) prior to the Structural Design and Calculations being approved by the City Building & Safety Department

3. Re-align the concrete pad and riprap to be parallel to the flow direction.
4. Check low points along the center line of proposed access road. Verify the grading between Stations 713+00 to 714+00.
5. Show limit of BLM Right-of-Way Grant on all grading plan.
6. Provide control of access to the maintenance access road to the culverts.
7. Callout Type II and filter fabric under proposed riprap.
8. Extend proposed riprap around the existing embankment to the west for the proposed offsite berm.
9. **Exhibit F:** CP4 is shown on *Proposed Condition Flow Rate Summary* but not shown on basin map. Revise accordingly.
10. **Sheet D-1:** Provide the grading plans corresponding to Cross Sections A through C.
11. **Sheet SD-1:** the culvert size on profile view for SD LINE A and SD LINE B do not match the calculations. For example, the plan view shows 18-inches and calculations 24-inches.
12. **Sheet SD-2:** the culvert size on profile view for SD LINE C do not match the calculations. For example, the plan view shows 18-inches and calculations 24-inches.
13. **PP Sheets:** call out all existing/proposed manholes on the plan and profiles.
14. **PP Sheets:** Construction Note 12 is not on the plans.
15. **PP Sheets:** Construction Note 4 do not match plans. For example, note 4 indicates to install 18" RCP and the proposed facility is a 24" RCP. Revise accordingly.
16. **This drainage study is acceptable in concept;** however, *City of Las Vegas* will not formally accept the study until the *Clark County Regional Flood Control District (CCRFCD)* has issued a letter of concurrence. The engineer should contact the CCRFCD to confirm that they have begun their review.

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

T/R/S: T19S/R59E/S14
AREA F-14