

<b>CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM</b>		<b>DATE:</b> February 21, 2024
<b>TO:</b> Land Development Services Department of Building & Safety		<b>FROM:</b> Oh-Sang Kwon, P.E. Flood Control Project Engineer Department of Public Works
<b>SUBJECT:</b>	Drainage Study for:	<b>COPIES TO:</b>
<b>Montalado North – Update #2</b>		Impulse Civil Engineering
<b>Cross Streets:</b>	Shaumber Road and Ann Road	International LLC c/o WLB Group
<b>File Number:</b>	F:\Depot\DSMemos\DS5458F.doc	Bart Anderson, P.E., DevCo
<b>Parcel Number:</b>	126-25-401-007, 126-25-401-008, 126-36-101-001, & 126-36-101-002	CCPW
<b>Zoning Action:</b>	21-0064-TMP1; 21-0064-VAC1	
<b>FEMA Flood Zone</b>	YES NO <b>X</b>	
<b>Proposed Storm Drain</b>	YES <b>X</b> NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 <sup>st</sup> Submittal	5/27/2021	6/14/2021	Not Approved	\$400.00	4308989: \$400
2 <sup>nd</sup> Submittal	7/12/2021 & 7/29/2021	7/22/2021 & 8/10/2021	Not Approved	\$400.00	4367684: \$400
3 <sup>rd</sup> Submittal	8/12/2021	8/12/2021	Approved	\$0.00	N/C
4 <sup>th</sup> Submittal & Supplement	1/18/2022 & 1/31/22	2/1/2022	Approved	\$100.00	4608945: \$100
5 <sup>th</sup> Submittal	8/9/2023	8/22/2023	Not Approved	\$100.00	5395009: \$100
6 <sup>th</sup> Submittal	2/13/2024	2/21/2024	See Comments Below	\$400.00	5427964: \$400
<b>TOTAL FEES (LDDRS):</b>				<b>\$1,400.00</b>	----

**REMARKS:**

**5<sup>th</sup> & 6<sup>th</sup> Submittal: Update #2 for revision to the walls around the northeast and northwest corners of the site**

**4<sup>th</sup> Submittal: Update #1: Construction of onsite Public Drainage Easement if BLM patent easement is not approved. Also, addressed interim drainage protection along the western boundary.**

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

	is approved subject to conformance to all City standards and the following conditions:
<b>X</b>	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. **Sheet GR-03:** Cross Section U shown on the eastern boundary of the project site is not located on Sheet DT-04 as the cross section states. Provide the section on Sheet DT-04.

2. An 8ft x 4ft RCB is proposed on the western boundary of the project site on sheet GR-03 and Standard Form 6, but the channel is show as a 96-in RCP on DT-05. Revise accordingly.
3. The graded sump located at the western boundary of the project site and entrance of the transition structure, is adjacent to undeveloped area. Provide riprap protection from the edge of the graded sump location to the Right-of-Way limit to mitigate sediment and debris to prevent clogging to the proposed transition structure and RCB.
4. The headwater depth versus the rise of the proposed transition box structure does not meet the 1.5 ratio as stated in Section 1002.4 of CCRFCD HCDDM. Revise design and calculation accordingly.
5. Standard Form 6 shows the transition structure with a 20ft x 5ft opening at the entrance, but the structure section B-B on Sheet S0.2 shows a 20ft x 4ft. Revise accordingly.

**\*\*\* 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:**

**1<sup>st</sup> Submittal DS and Plans (for first and original submittal);**

**2<sup>nd</sup> Submittal DS and Plans (for second submittal (addendum #1)) etc.**

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

**1<sup>st</sup> Submittal DS (for the report of the drainage study)**

**1<sup>st</sup> Submittal Plan 1 (could be the drainage condition maps)**

**1<sup>st</sup> 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**  
HDR/CLV

T/R/S: T19S/R59E/25  
AREA F-25