

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: November 1, 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: Church of God (Seventh Day) English		COPIES TO: GIS Engineering
Cross Streets:	SWQ of Gowan Road & Jones Boulevard		Church of God (Seventh Day) English
File Number:	F:\Depot\DSMemos\DS5683B.doc		Bart Anderson, P.E., DevCo
Parcel Number:	138-11-704-009		CCPW
Zoning Action:	22-0226-SDR1 & 22-0226-VAR1		
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	6/21/2023	7/13/2023	Not Approved	\$400.00	5323791: \$400
2 nd Submittal	10/30/2023	11/1/2023	See Comments Below	\$400.00	
TOTAL FEES (LDDRS):				\$800.00	----

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. The site is adjacent to the jurisdiction of Clark County to the north, south and west. The engineer must coordinate with *Clark County Public Works Department (CCPW)* and incorporate any concerns for boundary conditions along the boundaries. CCPW concurrence is required prior to final approval of the study.
2. The “*North Arrow and Bar Scale*” states that the grading plan is based on 1”=30’ scale. However, the stationing in *Jones Boulevard* is not per scale. Re-size the whole plan per the stated scale in the next submittal.
3. *Detail Section B* shows that the route from the handicap parking stalls to the proposed building is not ADA (Americans with Disabilities Act) compliant.
4. *Detail Section A* shows that the BMP swale contains 6”-thickness of seed and mulch materials which are not acceptable. Per **Section 1500** of the CCRFCD Drainage Design Manual, minimum length of a BMP landscape swale is 40’-long, 6’-wide at top average, 4’-wide at top minimum, 9”-deep maximum with a minimum of riprap size of $D_{50} = 3”$. Review and revise accordingly.

5. Add the note below as *Standard Note No. 6* in the column of "Stormwater Management Notes":

Post-Construction BMPs (PCBMPs) / Control Measures noted on the Grading Plans are mandatory permanent regulatory stormwater pollution controls. These PCBMPs must be installed per the approved plans and must be permanently maintained.

*** 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
AYS

T/R/S: T20S/R60E/11
AREA L-11