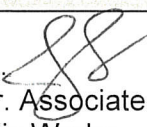


CITY OF LAS VEGAS		DATE:
INTER-OFFICE MEMORANDUM		September 16, 2019
TO: Land Development Services Department of Building & Safety		FROM: Jennifer Shinn, P.E.  Flood Control, Engr. Associate Department of Public Works
SUBJECT: Drainage Study for: Savannah Summerlin Village 21 – Parcel E & F		COPIES TO: Actus
Cross Streets:	Desert Foothills & Far Hills	William Lyon Homes, LLC
File Number:	F:\Depot\DSMemos\DS5152C.doc	Bart Anderson, P.E., DevCo
Parcel Number:	137-27-614-001, 137-27-615-001	CCRFCD
Zoning Action:	TMP-76874	
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	7/8/2019	7/25/2019	See Comments Below	\$400.00	3480927: \$400
2 nd Submittal	8/26/2019	9/12/2019		\$400.00	3542359: \$400
Structural	9/16/2019	9/16/2019	See Comments Below	N/C	N/C
Approval Recv'd					
TOTAL FEES (LDDRS):				\$800.00	----

REMARKS:

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

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

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

	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
X	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
	is conditionally approved subject to Clark County Public Works Department concurrence.

- 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 they have begun their review.

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

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

2. The rough graded onsite without any permanent cover such as paving, building construction or planting, is considered an ongoing project under construction whereas a *Stormwater Pollution Prevention Plan* must be kept active under the NDEP Permit. In order to close out the permit, the developer must install permanent cover to the site to stabilize and control stormwater pollution to the satisfaction of NDEP.
3. Provide a low point grade at the proposed block wall opening at the northern drainage easement to direct flows and allow the area to drain.
4. Label proposed drainage easements as "**Public** Drainage Easement to be Privately Maintained by HOA" on Grading Plans and Detail Sheets.
5. Provide section detail for 32/C14 of the Unit 1 plans. Call out rip rap at the sump for water quality purposes.

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, conditional acceptance 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.

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

jks

T/R/S: T20S/R59E/26
AREA K26