

REGIONAL FLOOD CONTROL DISTRICT



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Engineer

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Mr. Oh Sang Kwon, P.E.
City of Las Vegas Department of Public Works
495 S Main Street, 5th Floor
Las Vegas, NV 89101

**DISTRICT COMMENT(S): SUMMERLIN WEST VILLAGE 28 AND 32
(DS5834C) (RFCN No. 25-14791)**

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Conceptual Drainage Study dated January 16, 2025, Addendum No. 1 dated February 13, 2025, and Addendum No. 2 dated March 17, 2025, for above-mentioned project as submitted by GCW, INC. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas Department of Public Works dated March 27, 2025.

District has the following comment(s):

1. It is noted that the City of Las Vegas has required a Master Plan Amendment (MPA) to the currently adopted 2023 MPU to be submitted to address the proposed modifications after approval of this master conceptual study:
 - a. The District recommends the City of Las Vegas clarify timing of the required MPA and whether the City will process the MPA with this conceptual study or when the Technical Drainage Studies are submitted and prior to regional concurrence.
 - b. Provide discussion and provide exhibits on which proposed facilities are expected to be added to and/or removed from the Master Plan with the MPA with the next submittal.
 - c. Note the MPA must address comparisons of the revised MPU Facilities, alignments, to include cost analysis, updated flowrates and land use for the presentation to the Board.
 - d. It is noted in response to comment #5 of the supplement, the engineer will completely update and revise the DB5 stage-storage-discharge using HEC-HMS. Provide updated rating tables and curves for the detention basin with the technical analysis.
2. Address the following discrepancies with Figures and Calculations:
 - a. Figure 9 - facilities V28A A, V28A B, V28A F, etc. are shown, however; facility V28A C does not appear to be listed. Please label and show the facility on Figure 9.
 - b. Figure 9 - facility 19C calls out a 7X6 RCB with 1116 cfs, but hydraulic calculations and Table 2 calls out 8X6 RCB and 1229 cfs. Review and clarify the discrepancy.
 - c. Show hydraulic calculations for facilities 4b and 7a to verify the total flow.
 - d. Table 2 – Comparison of Flow Rates at Discharge Locations seems to show some discrepancies in the updated flows compared to the table on Figure 8 Ultimate Condition flows and Flow Master. Please review and revise accordingly.



Mr. Oh Sang Kwon, P.E.

May 7, 2025

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3. It is noted the drainage exhibits show no increases from existing design flowrates of downstream channel improvements at Concentration Points CP11 and CP13. Continue coordination to ensure the future Technical Drainage Studies shows no adverse impact to downstream development with changes to the collection system of the upstream tributary and watershed.

District's review of this project was limited to issues of Regional Flood Control Significance as defined in *Uniform Regulations for the Control of Drainage*.

The consultant must be advised to submit any revisions to the Technical Drainage Study and Improvement Plans to City of Las Vegas Department of Public Works for review/re-approval. District review of any such revisions will commence upon acceptance by the City of Las Vegas Department of Public Works.

Please be aware that as additional information becomes available and/or restudies of Flood Insurance Studies are performed, information submitted by GCW, INC., may be superseded. Compliance with regulatory elements and design standards specified in *Uniform Regulations for the Control of Drainage* does not imply a guarantee that properties will be free from flooding or flood damage.

The District, its officials, or employees assume no liability for information, data, or conclusions presented by consulting engineers. We, therefore, make no warranties, either expressed or implied, in conducting this review.

ANDREW R. TRELEASE, P.E., CFM
General Manager/Chief Engineer

By: *Brittney Duncan*
Brittney Duncan (May 7, 2025 14:38 PDT)
Brittney N. Duncan
Assistant Engineer

By: *Ching C. Wang*
Ching C. Wang (May 7, 2025 15:46 PDT)
Ching C. Wang, P.E.
Principal Civil Engineer

CCW:rm

c: MOHAMMAD MASIH EDALAT, GCW, INC.

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