



SUPPLEMENT TO THE TECHNICAL DRAINAGE STUDY UPDATE

BLM 270 Parcel C-1

PREPARED FOR:
190 Octane FT Partners, LLC
Las Vegas, Nevada

PREPARED BY:

Westwood

BLM 270 Parcel C-1

Technical Drainage Study Update Supplement

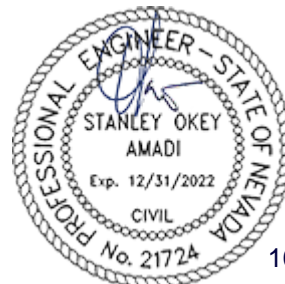
City of Las Vegas, Nevada

Prepared For:

190 Octane FT Partners, LLC
c/o Mr. Marc Bolduc
11411 Southern Highlands Pkwy, Suite 300
Las Vegas, NV 89141
Phone: 702-220-6565 ▪ Fax: 702-220-6566

Prepared By:

Westwood Professional Services
5725 W. Badura Avenue, Suite 100
Las Vegas, NV 89118
Phone: (702) 284-5300
Fax: (702) 284-5339



10/25/21

Project Number: OLY2005.001

Date: October 2021

Stanley Okey Amadi, P.E., CFM
NV Professional Engineer No. 21724
Assisted by: Caitlyn Alcantara, E.I.

HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL
DRAINAGE STUDY INFORMATION FORM

Name of Development: BLM 270 - Parcel C-1 (Update Supplement) Date: October 2021
 Location of Development: a) Descriptive (Cross Streets): North/South: Puli Drive
East/West: Dorrell Lane
 b) Section: 23 Township: 19 South Range: 59 East
 c) APN: 126-23-610-001

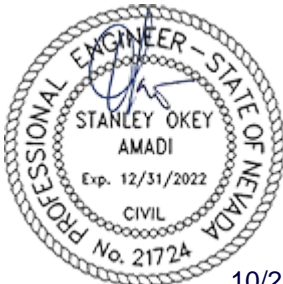
Name of Owner: 190 Octane FT Partners, LLC
 Telephone No.: 702-220-6565 Fax No.: 702-220-6566 E-mail Address: mbolduc@olympiacompanies.com
 Address: 11411 Southern Highlands Parkway, Suite 300 Las Vegas NV 89141

Contact Person – Name: Stanley Okey Amadi, P.E., CFM Telephone No.: (702) 284-5300
 *E-mail Address: stanley.amadi@westwoodps.com Fax No.: (702) 284-5399
 Firm: Westwood Professional Services
 Address: 5740 S. Arville #216 Las Vegas NV 89118

Type of Land Development/Land Disturbance Process:

<input type="checkbox"/>	Rezoning	<input type="checkbox"/>	Subdivison Map	<input type="checkbox"/>	Clearing and grading Only
<input type="checkbox"/>	Parcel Map	<input checked="" type="checkbox"/>	Planned Unit Development	<input type="checkbox"/>	Other (Please specify below)
<input type="checkbox"/>	Large Parcel Map	<input type="checkbox"/>	Building Permit	<input type="checkbox"/>	

- Total Owned Land Area: At Site: 265 +/- acres Being Developed/Disturbed: 15 +/- acres
- Is a portion or all of the subject property located in a FEMA Flood Hazard Area? Yes** No
- Is the property bordered or crossed by an existing or proposed Clark County Regional Flood Control District Master Planned Facility? Yes** No
- Proposed type of development (Residential, Commercial, Etc.): Residential
- Approximate upstream land area which drains to the subject site: 166 +/- acres
- Has the site drainage been evaluated in the past? Yes** No If yes, please identify documentation: Technical Drainage Study - BLM 270 Parcel C-1(DS 5420)
- If known, please briefly identify the proposed discharge point(s) of runoff from the site: Flows will be routed southerly into Parcel C2 & C3 and into Puli Road storm drains a small portion discharging into Dorrell Lane..
- Briefly describe your proposed schedule for the subject project: ASAP



10/25/21

Engineer's Seal

Submit this form as part of the required drainage study to the local entity which has jurisdiction over The subject property. This form may provide sufficient information to serve as the Conceptual Drainage Study.

***Newly Required Field**

****Review and concurrence of the Clark County Regional Flood Control District is required**

Revision	Date

Local Entity File No.

REFERENCE:

STANDARD FORM 1

Updated 05/01/2008

OLY2005.001

October 25, 2021

City of Las Vegas
495 S. Main Street
1st Floor
Las Vegas, Nevada 89101

Subject: BLM 270 Parcel C-1 – Technical Drainage Study Update Supplement (DS5420)

This letter is submitted in response to the supplemental comments contained in the October 20, 2021, review memorandum, regarding the above referenced project. A copy of the City of Las Vegas Public Works Department comment letter has been provided in Appendix A. The comments in the review memorandum have been individually addressed as follows:

1. **Comment:** *Provide a sidewalk drain to allow the low point at Building 1 to drain out to Cape Charles Lane.*

Response: A sidewalk drain has been added as noted. See the revised grading plan (Sheet G-2) provided with this supplement.

2. **Comment:** *Remove the 18" RCP shown on Section Detail 35/D-2.*

Response: The 18" RCP has been removed as noted. Please see the revised detail 35/D-2.

3. **Comment:** *It is unclear how the emergency overflow will drain with the 3' CMU wall at the backside of the proposed inlet.*

Response: The backside of the drop inlet comprises of a wrought iron fence which will allow the emergency overflow to continue draining south into the receiving u-gutter as designed. Detail 35/D-2 as well as Construction Note 26 on G-6 depicts the wrought iron fence.

We believe the above responses and revisions provided on the amended improvement plans have adequately satisfied the concerns in the subject review memorandum. The revised improvement plan sheets adopting the revisions addressed in this letter have been included in the last appendix of this addendum. If you have any questions or require additional information, please do not hesitate to contact our office at (702) 284-5300.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



Stanley Okey Amadi, P.E., CFM
Project Manager – Water Resources Department

CC: Todd Steadham, P.E., Lead AP
Mark Failla, P.E., CFM

List of Appendices

Appendix A **CLV Comment Letter**

Appendix B **CD of Electronic Files & Revised Improvement Plan Sheets**

APPENDIX A

CLV Supplement Comment Letter

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM		DATE: October 20, 2021
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:	COPIES TO:
BLM 270 – Parcel C-1		Westwood Professional Services
Cross Streets:	Puli Drive & Dorrell Lane	190 Octane FT Partners, LLC
File Number:	F:\Depot\DSMemos\DS5420C.doc	Bart Anderson, P.E., DevCo
Parcel Number:	126-23-610-001	
Zoning Action:	20-0199-TMP1, 20-0199-MOD1	
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	2/2/2021	2/24/2021	See Comments Below	\$400.00	4155264: \$400
2 nd Submittal	3/31/2021	4/27/2021	Approved	\$400.00	4233146: \$400
3 rd Submittal	10/4/2021	10/19/2021	See Comments Below	\$100.00	4482836: \$100
TOTAL FEES (LDDRS):				\$900.00	----

REMARKS:

3rd Submittal: Remove trench drain and 18” lateral in Stafford Hill Street; upsize drop inlet to 20’; revise Rollingford Avenue to cross-fall street.

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. Provide a sidewalk drain to allow the low point at Building 1 to drain out to Cape Charles Lane.
2. Remove the 18” RCP shown on Section Detail 35/D-2.
3. It is unclear how the emergency overflow will drain with the 3’ CMU wall at the backside of the proposed drop inlet.

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

T/R/S: T19S/R59E/S23
AREA F-23

APPENDIX B

CD of Electronic Files & Revised Improvement Plan Sheets