

DS #:

DS 3985

APN: 139-34-111-039 & 139-34-111-040

PROJECT: GOLDEN NUGGET TOWER EXPANSION

SUBMITTAL: 8<sup>TH</sup> SUBMITTAL-UPDATE #5

SCANNED BY/DATE:

CHECKED BY/DATE:



|                                                                       |                                            |                                                                                           |
|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>CITY OF LAS VEGAS<br/>INTER-OFFICE MEMORANDUM</b>                  |                                            | <b>DATE:</b><br>September 8, 2009                                                         |
| <b>TO:</b><br>Land Development Services<br>Department of Public Works |                                            | <b>FROM:</b><br>Oh Sang Kwon, P.E.<br>Flood Control Section<br>Department of Public Works |
| <b>SUBJECT:</b>                                                       | Drainage Study for:                        |                                                                                           |
| Golden Nugget Tower Expansion – Update #5                             |                                            | <b>COPIES TO:</b><br>Martin & Martin Civil Engineers                                      |
| <b>Cross Streets:</b>                                                 | NWC of First Street & Bridger Avenue       |                                                                                           |
| <b>File Number:</b>                                                   | F:\Depot\DSMemos\DS3985H.doc               |                                                                                           |
| <b>Parcel Number:</b>                                                 | 139-34-111-039 & 139-34-111-040            |                                                                                           |
| <b>Zoning Action:</b>                                                 | VAC-8589; SDR-11705; SUP-11711 & SUP-11713 |                                                                                           |
| <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 Transaction # |
|------------------------------------------|-----------------------|---------------|------------------------|-------------------|-------------------------|
| 1 <sup>st</sup> Submittal                | 4/5/2006              | 4/19/2006     | Not Approved           | \$400.00          | 42914: \$400            |
| 2 <sup>nd</sup> Submittal & Supplemental | 6/8/2006 & 6/28/2006  | 6/30/2006     | Approved               | \$400.00          | 47317: \$400            |
| 3 <sup>rd</sup> Submittal                | 12/14/2006            | 12/27/2006    | Approved               | \$100.00          | 59515: \$100            |
| 4 <sup>th</sup> Submittal                | 8/13/2007             | 8/27/2007     | Not Approved           | \$100.00          | 75565: \$100            |
| 5 <sup>th</sup> Submittal                | 9/7/2007 & 11/13/2007 | 11/13/07      | Conditionally Approved | \$100.00          | 77309: \$100            |
| 6 <sup>th</sup> Submittal                | 3/23/2009             | 4/2/2009      | Approved               | \$100.00          | 117746: \$100           |
| 7 <sup>th</sup> Submittal                | 6/24/2009             | 6/26/2009     | Approved               | \$100.00          | 124164: \$100           |
| 8 <sup>th</sup> Submittal                | 8/25/2009             | 9/8/2009      | See Comments Below     | \$100.00          | 128192: \$100           |
| <b>TOTAL FEES (LDDRS):</b>               |                       |               |                        | <b>\$1,400.00</b> | -----                   |

## REMARKS:

**8<sup>th</sup> Submittal: Update #5 to Re-Validate Update #2 which was approved more than a year ago**

7<sup>th</sup> Submittal: Update #4 for connecting roof drain with sump pump to back of an existing drop inlet on Carson Avenue.

6<sup>th</sup> Submittal: Update #3 for minor grading change at the porte cochere entrance at the northwest corner of Carson Avenue and First Street

4<sup>th</sup> & 5<sup>th</sup> Submittals: Update #2 to (i) Relocate an existing onsite storm drain system and (ii) To construct a new tower at the northwest corner of First Street and Carson Avenue.

3<sup>rd</sup> Submittal: Update #1 to revise proposed storm drain system in First Street

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

|          |                                                                                                |
|----------|------------------------------------------------------------------------------------------------|
| <b>X</b> | is approved subject to conformance to all City standards and the following conditions:         |
|          | must be resubmitted or supplemented including the following:                                   |
|          | is conditionally approved subject to Clark County Regional Flood Control District concurrence. |

**The following conditional comments must be satisfied prior to the final approval of improvement plans:**

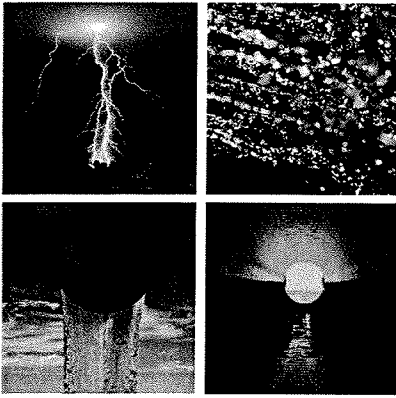
1. Provide a copy of an agreement, signed by *Golden Nugget* and *Pioneer Club*, for the location of the proposed 18-inch storm drain and 10-foot public drainage easement to be privately maintained. This agreement should indicate the maintenance responsibilities of both parties. The agreement must be provided to *Flood Control* prior to final approval of the improvement plans.
2. Provide a standard storm drain manhole at the angle point of the 18" storm drain. (located at approximately 8' north of the north end of the public drainage easement)

**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 Amendment 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**  
Ays/PBJ/OSK

T/R/S: T20S/R61E/34  
AREA M-34



Taming The Power of Water

# TECHNICAL DRAINAGE STUDY UPDATE

## The Golden Nugget Tower Expansion

Reid: 8/25/09  
DS 3985-5  
M-37  
\$100

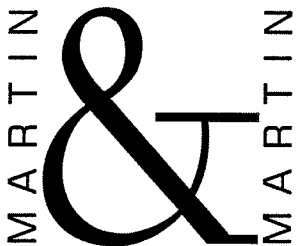
Update # 5  
to the  
Technical Drainage Study  
For  
The Golden Nugget Tower Expansion  
(CLV DS # 3985)

August 2009

MARTIN & MARTIN PROJECT NO. 2514

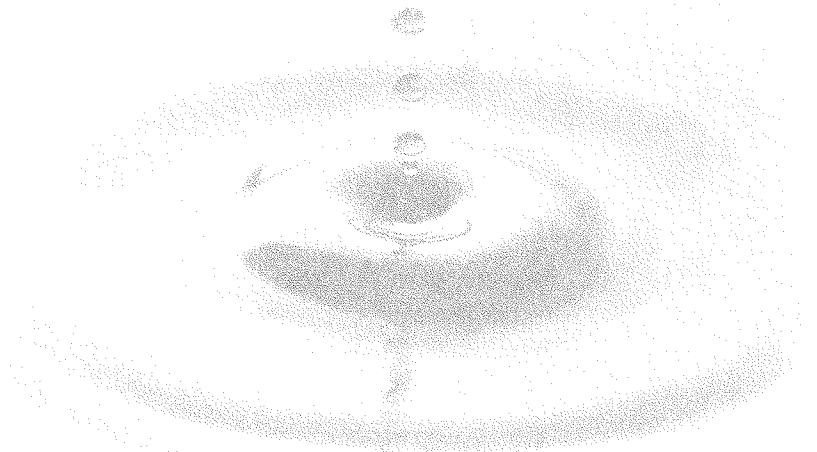
Prepared for:

GNLV  
P.O. Box 610  
Las Vegas, NV 89125



Civil Engineers

1909 South Jones Boulevard  
Las Vegas, Nevada 89146  
Phone (702) 248-8000  
Fax (702) 248-8070  
[www.martinmartinlv.com](http://www.martinmartinlv.com)



# HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL

## DRAINAGE STUDY INFORMATION FORM

Name of Development: **Update #5 to The Golden Nugget Tower Expansion** Date: **8/25/2009**

Location of Development: a) Descriptive (Cross Streets) **On First St. between Carson Ave. and Fremont St.**

b) Section **34** Township **20 South** Range **61 East**

Name of Owner: **GNLV** Assessors Parcel Number: **139-34-111-039, 040**

Telephone Number: **(702) 386-8127** Fax Number: **(702) 248-8070**

Address: **P.O Box 610**

**Las Vegas, NV 89125**

Contact Person Name: **Kenneth J. McFarlane, P.E.** Email: **kmcfarlane@mmcivil.com**

Firm: **Martin & Martin Civil Engineers**

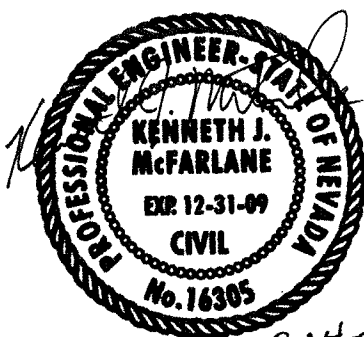
Address: **1909 South Jones Boulevard**

**Las Vegas, NV 89146** Telephone Number: **(702) 248-8000**

Type of Land Development/Land Disturbance Process:

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

- Total Owned Land Area: At Site: **± 5.14 Ac** Being Developed: **± 0.75 Ac**
- Is a portion or all of the subject property located in a designated 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.)? **Commercial**
- Approximate upstream land area which drains to the subject site? **2.17 Acres**
- Has the site drainage been evaluated in the past? **YES** NO  
If yes, please identify documentation:  
**CLV # 3985F**
- If known, please briefly identify the proposed discharge point(s) of runoff from the site:  
**To the existing storm drain system in Fremont Street**
- Briefly describe your proposed schedule for the subject project: **ASAP**



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.

\* Review and concurrence of the Clark County Regional Flood Control District is Required.

Local Entity File No. \_\_\_\_\_

| Revision | Date |
|----------|------|
|          |      |
|          |      |
|          |      |

REFERENCE: M&M Project 2514

STANDARD FORM 1

August 25, 2009

Mr. Albert Sung, P.E.  
Flood Control Project Engineer  
Department of Public Works  
731 S. Fourth Street  
Las Vegas, Nevada 89101

**Re: TDS Update #5 to the Golden Nugget Tower Expansion (aka Tower II)  
CLV DS #3985  
Martin & Martin Project No. 2514**

Dear Mr. Sung,

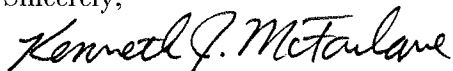
This letter is to serve as a hydrology study update to the approved *Technical Drainage Study for Golden Nugget Tower Expansion* (CLV DS # 3985). The purpose of this Update is to gain re-approval of Update #2 for the Golden Nugget Tower Expansion.

Update #2 for the Golden Nugget Tower Expansion was conditionally approved on November 13, 2007. The changes noted on the plans for Update #2 were referred to as Delta 6 for the Golden Nugget Tower Addition. Martin & Martin is proceeding with the submittal and approval of the Delta 6 plans with the Land Development Department at the City of Las Vegas. However, it is the City's policy to have a Drainage Study Approval within 1-year of approved Civil Plans. Therefore, we are submitting this Update #5 to request the re-approval of Update #2 to the Golden Nugget Tower Expansion. The grading and utility plans originally approved for the project have not been significantly altered from their approved state. The plans have been updated to reflect the as-built conditions of the storm drain.

There has also been concern regarding a minor sump condition in the alley between the Golden Nugget and the Pioneer Club. This sump is due to the construction of Tower III. We are requesting approval of the Golden Nugget Tower Addition Delta 6 plans to expedite completion and close-out of this project. Martin & Martin and the contractor for the Golden Nugget Tower III understand the alley must be finished and graded to drain to the area drains between the Golden Nugget and Pioneer Club prior to the bond being released for the Tower III project.

The original approved Update #2 grading plans have been included in the appendix with the current Delta 6 Grading Plans and associated Detail Sheets. If you have any questions or concerns, please feel free to contact us at any time.

Sincerely,



Kenneth J. McFarlane, P.E.  
Director of Operations  
Martin & Martin Civil Engineers

H:\Cad\Land\2501\Admin\Drainage\Update #5\Update Letter.doc

# TABLE OF CONTENTS

STANDARD FORM 1

UPDATE LETTER

APPENDIX

## TABLE OF APPENDICES

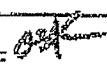
CLV DS# 3958E

- Approval Letter
- Update Letter
- Approved Improvement Plans (attached)

CURRENT IMPROVEMENT PLANS (ATTACHED)



2501

|                                                                       |                                            |                                                                                                                                                                       |
|-----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CITY OF LAS VEGAS<br/>INTER-OFFICE MEMORANDUM</b>                  |                                            | <b>DATE:</b><br>November 13, 2007                                                                                                                                     |
| <b>TO:</b><br>Land Development Services<br>Department of Public Works |                                            | <b>FROM:</b><br>Oh Sang Kwon, P.E. <br>Flood Control<br>Department of Public Works |
| <b>SUBJECT:</b>                                                       | <b>COPIES TO:</b>                          |                                                                                                                                                                       |
| Drainage Study for:                                                   | Martin & Martin Civil Engineers            |                                                                                                                                                                       |
| <b>Golden Nugget Tower Expansion - Update #2</b>                      | GNLV                                       |                                                                                                                                                                       |
| <b>Cross Streets:</b>                                                 | NWC of First Street & Bridger Avenue       | Bart Anderson, P.E., DevCo                                                                                                                                            |
| <b>File Number:</b>                                                   | F:\Depot\DS\Memos\DS3985E.doc              |                                                                                                                                                                       |
| <b>Parcel Number:</b>                                                 | 139-34-111-039 & 139-34-111-040            |                                                                                                                                                                       |
| <b>Zoning Action:</b>                                                 | VAC-8589; SDR-11705; SUP-11711 & SUP-11713 |                                                                                                                                                                       |
| <b>FEMA Flood Zone</b>                                                | YES                                        | NO <input checked="" type="checkbox"/>                                                                                                                                |
| <b>Proposed Storm Drain</b>                                           | YES <input checked="" type="checkbox"/>    | NO                                                                                                                                                                    |

| HISTORY                                  | DATE RECEIVED         | DATE REVIEWED | COMMENTS               | REVIEW FEES       | FEES PAID Transaction # |
|------------------------------------------|-----------------------|---------------|------------------------|-------------------|-------------------------|
| 1 <sup>st</sup> Submittal                | 4/5/2006              | 4/19/2006     | Not Approved           | \$400.00          | 42914: \$400            |
| 2 <sup>nd</sup> Submittal & Supplemental | 6/8/2006 & 8/29/2006  | 6/30/2006     | Approved               | \$400.00          | 47317: \$400            |
| 3 <sup>rd</sup> Submittal (Update #1)    | 12/14/2006            | 12/27/2006    | Approved               | \$100.00          | 59515: \$100            |
| 4 <sup>th</sup> Submittal (Update #2)    | 8/13/2007             | 8/27/2007     | Not Approved           | \$100.00          | 75565: \$100            |
| 5 <sup>th</sup> Submittal (Update #2)    | 9/7/2007 & 11/13/2007 | 11/13/07      | Conditionally Approved | \$100.00          | 77309: \$100            |
| <b>TOTAL FEES (LDDRS):</b>               |                       |               |                        | <b>\$1,100.00</b> | <b>----</b>             |

**REMARKS:**

4<sup>th</sup> & 5<sup>th</sup> Submittals: Update #2 to (i) Relocate an existing onsite storm drain system and (ii) To construct a new tower at the northwest corner of First Street and Carson Avenue.

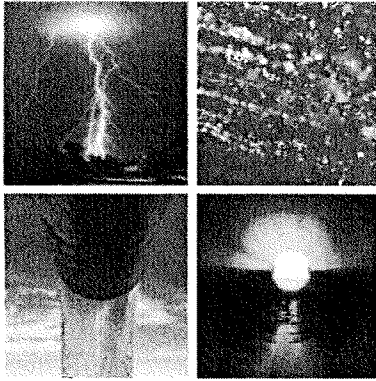
3<sup>rd</sup> Submittal: Update #1 to revise proposed storm drain system in First Street

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

|          |                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------|
| <b>X</b> | is conditionally approved subject to conformance to all City standards and the following conditions: |
|          | must be resubmitted or supplemented including the following:                                         |
|          | is conditionally approved subject to Clark County Regional Flood Control District concurrence.       |

1. Provide a copy of an agreement, signed by Golden Nugget and Pioneer Club, for the location of the proposed 18-inch storm drain and 10-foot public drainage easement to be privately maintained. This agreement should indicate the maintenance responsibilities of both parties. The agreement must be provided to Flood Control prior to final approval of the improvement plans.
2. Please note that Public Drainage Easement to be Privately Maintained must be recorded by separate document prior to the final acceptance of the improvement plans unless they are to be recorded by parcel or final map.
3. Provide a connection detail for connecting existing 6-inch SD to proposed 18-inch RCP.





# TECHNICAL DRAINAGE STUDY

## The Golden Nugget Tower Expansion

Taming The Power of Water

Update #2  
August 2007

(CLV DS # 3958B & 3958C)  
MARTIN & MARTIN PROJECT NO. 2501.03 & 2514.01

Prepared for:

GNLV  
P.O. BOX 610  
Las Vegas, NV 89125

M  
A  
R  
T  
I  
N  
&  
M  
A  
R  
T  
I  
N  
Civil Engineers  
& Surveyors

2101 S. Jones Blvd., Suite 120  
Las Vegas, Nevada 89149  
Phone (702) 248-8000  
FAX (702) 248-8070  
[www.martinmartinlv.com](http://www.martinmartinlv.com)

# HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL

## DRAINAGE STUDY INFORMATION FORM

Name of Development: **Update #2 to The Golden Nugget Tower Expansion** Date: **8/9/2007**

Location of Development: a) Descriptive (Cross Streets) **On First St. between Carson Ave. and Fremont St.**

b) Section **34** Township **20 South** Range **61 East**

Name of Owner: **GNLV** Assessors Parcel Number: **139-34-111-039, 040**

Telephone Number: **(702) 386-8127** Fax Number: **(702) 248-8070**

Address: **P.O Box 610**

**Las Vegas, NV 89125**

Contact Person Name: **Richard R. Striegel, P.E.** Email: **rstriegel@mmcivil.com**

Firm: **Martin & Martin Civil Engineers and Surveyors**

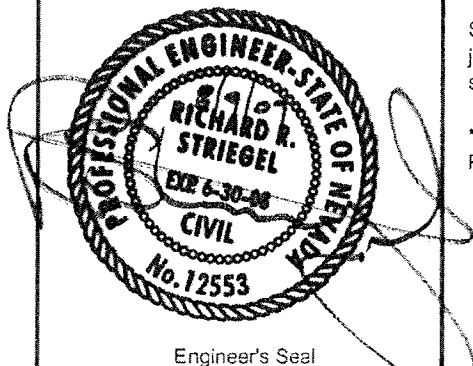
Address: **2101 South Jones Boulevard, Suite 120**

**Las Vegas, NV 89146** Telephone Number: **(702) 248-8000**

Type of Land Development/Land Disturbance Process:

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

- Total Owned Land Area: **At Site:  $\pm 5.14$  Ac** Being Developed:  **$\pm 0.75$  Ac**
- Is a portion or all of the subject property located in a designated 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.)? Commercial
- Approximate upstream land area which drains to the subject site? 2.17 Acres
- Has the site drainage been evaluated in the past? YES NO  
If yes, please identify documentation:  
**CLV DS# 3958A and CLV # 3985C**
- If known, please briefly identify the proposed discharge point(s) of runoff from the site:  
**To the existing storm drain system, and to First Street**
- Briefly describe your proposed schedule for the subject project: **ASAP**



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.

\* Review and concurrence of the Clark County Regional Flood Control District is Required.

Local Entity File No.

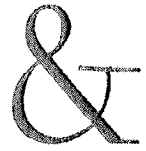
| Revision | Date |
|----------|------|
|          |      |
|          |      |
|          |      |

REFERENCE: M&M Project 2501 & 2514

STANDARD FORM 1

August 09, 2007

Albert Sung, P.E.  
City of Las Vegas Land Development Services  
Department of Public Works  
731 South Fourth Street  
Las Vegas, NV 89101



Civil Engineers  
& Surveyors

John A. Martin, Jr., S.E.  
Allen E. Pavelka, P.E.

**Re: Update #2 to the Technical Drainage Study for The Golden Nugget Tower Expansion  
(CLV DS # 3985B and CLV DS # 3985C)  
Martin & Martin Project No. 2501.03 & 2514.01**

Dear Mr. Sung,

This letter is a hydrology study update to the approved *Technical Drainage Study for The Golden Nugget Tower Expansion* (CLV DS # 3985B) and *Update #1 to the Technical Drainage Study for The Golden Nugget Tower Expansion* (CLV DS # 3985C). The purpose of this letter is to address the hydraulic impacts due to:

- Relocation of onsite storm drain network along Fremont Street
- Proposed new tower at northwest corner of First Street and Carson Avenue

These two items are discussed in detail as Item 1 and Item 2 respectively. The approved onsite hydrology has not been changed. A copy of the approval letter for CLV DS # 3958B and CLV DS # 3958C has been included along with appropriate exhibits.

**Item 1: Relocation of onsite alley storm drain network connect to Fremont Street**

Per CLV DS # 3958B, there are two proposed 2-feet by 2-feet area drains at the northeast corner of the project site. These drop inlets intercepts flows from basins OFD3, OFD4 and OFD5, which then will be conveyed to the 18-inch RCP in Fremont Street through onsite storm drain. The total flow discharged to existing storm drain in Fremont Street is 5/9 cfs ( $Q_{10}/Q_{100}$ ) referred as concentration point CPD1.

As part of this update, the storm drain network along northeast corner is proposed to be moved approximately 30-feet east. The total flow design flow in the storm drain system draining to Fremont Street system shall remain 5/9 cfs. Two- 2-foot by 3-foot Jensen area drains have been proposed to intercept 100-year flow of 9 cfs. The attached drop inlet calculations show that proposed area drain shall capture 100-year flows of 10.60 cfs, with 50% clogging. The hydraulic analysis for revised storm drain system is included in the appendix.

In case, the proposed double 2-foot by 3-foot area drains are 100% clogged, the emergency overflow path would be directed towards Fremont Street. An additional 2-foot by 2-foot area drain has been proposed which capture the flow of 6 cfs and remaining 3 cfs ( $9-6 = 3$  cfs) shall sheet flow to Fremont Street, in order to maintain water surface elevation (WSE) near tower entrance along Fremont Street. The emergency overflow path calculations are included in the appendix (FlowMaster section FM4 and 2-foot by 2-foot drop inlet calculation)

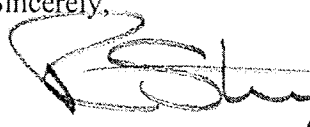
Also, the existing 10-foot drainage easement along old storm drain alignment is proposed to be vacated. A new 10-foot drainage easement has been proposed along new alignment and is called out on plans as "10-foot public drainage easement to be privately maintained". Revised plan and profile sheets are included with this submittal.

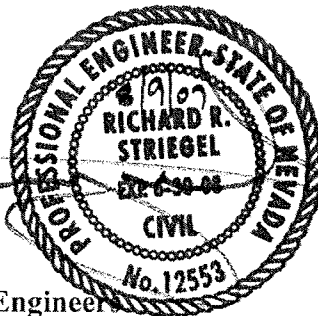
## **Item 2: Proposed new tower at northwest corner of First Street and Carson Avenue**

The purpose of this update is to also identify that the proposed finish floor (FF) for the proposed tower at First Street and Fremont Street meets minimum drainage criteria. Under existing conditions, the proposed site is impervious and is part of basin OFD2 (see figure 8). Per CLV DS# 3985C, 100-year storm runoff is facilitated via three drop inlets at intersection of First Street and Carson Avenue and sheet flow to Bridger Avenue. The emergency weir calculations assuming the drop inlets are 100% clogged, indicate a WSE of 2020.73 feet and the proposed FF elevation is 2022.50 feet which allow 1.77 feet of freeboard. The roof drains from the proposed tower shall connect to existing drop inlet at northeast corner of First Street and Carson Avenue. Additional improvements include proposed valley gutter in the alley along the proposed tower. The FlowMaster (FM2) calculations for the alley indicate that the proposed finish floor for the tower is adequately protected from the 100- year flows in the alley. Also the emergency overflow calculations from CLV DS# 3985C are included in the appendix.

The original approved grading plans have been included in the appendix with the proposed Grading Plans. All supporting calculations and figures used in the analyses above have been included as attachments. If you have any questions or concerns, please feel free to contact us at any time.

Sincerely,

  
Richard R. Striegel, P.E.  
Project Manager  
Martin & Martin Civil Engineers



MARTIN & MARTIN  
Civil Engineers  
& Surveyors  
Las Vegas, NV 89146  




MAP SCALE 1" = 1000'



PANEL 2170 E

## FIRM

FLOOD INSURANCE RATE MAP  
CLARK COUNTY,  
NEVADA AND  
INCORPORATED AREAS

PANEL 2170 OF 4090

SEE MAP INDEX FOR FIRM PANEL LAYOUT

CONTAINS:

SCHEMATIC

REMARKS: PANEL 2170 E

CLARK COUNTY  
INCORPORATED AREAS  
PARISH LAS VEGAS, CITY OF  
LAS VEGAS, CITY OF

320023 2170 E  
320027 2170 E  
320028 2170 E

Notice to User: This Map Number shows below should be used when placing map orders. The Emergency Number shows below should be used on insurance applications for the subject community.



MAP NUMBER  
3200302170 E

MAP REVISED:  
SEPTEMBER 27, 2002

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.nce.fema.gov](http://www.nce.fema.gov).

TRANSACTION REPORT

P. 01

SEP-08-2009 TUE 02:17 PM

FOR: CITY OF LAS VEGAS

7023828551

SEND

| DATE   | START    | RECEIVER | TX TIME | PAGES | TYPE   | NOTE | M#  | DP |
|--------|----------|----------|---------|-------|--------|------|-----|----|
| SEP-08 | 02:16 PM | 2488070  | 38"     | 2     | FAX TX | OK   | 805 |    |

TOTAL : 38S PAGES: 2

The following conditional comments must be satisfied prior to the final approval of improvement plans:

1. Provide a copy of an agreement, signed by *Golden Nugget* and *Pioneer Club*, for the location of the proposed 18-inch storm drain and 10-foot public drainage easement to be privately maintained. This agreement should indicate the maintenance responsibilities of both parties. The agreement must be provided to *Flood Control* prior to final approval of the improvement plans.
2. Provide a standard storm drain manhole at the angle point of the 18" storm drain. (located at approximately 8' north of the north end of the public drainage easement)

**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 Amendment 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: T20S/R61E/34