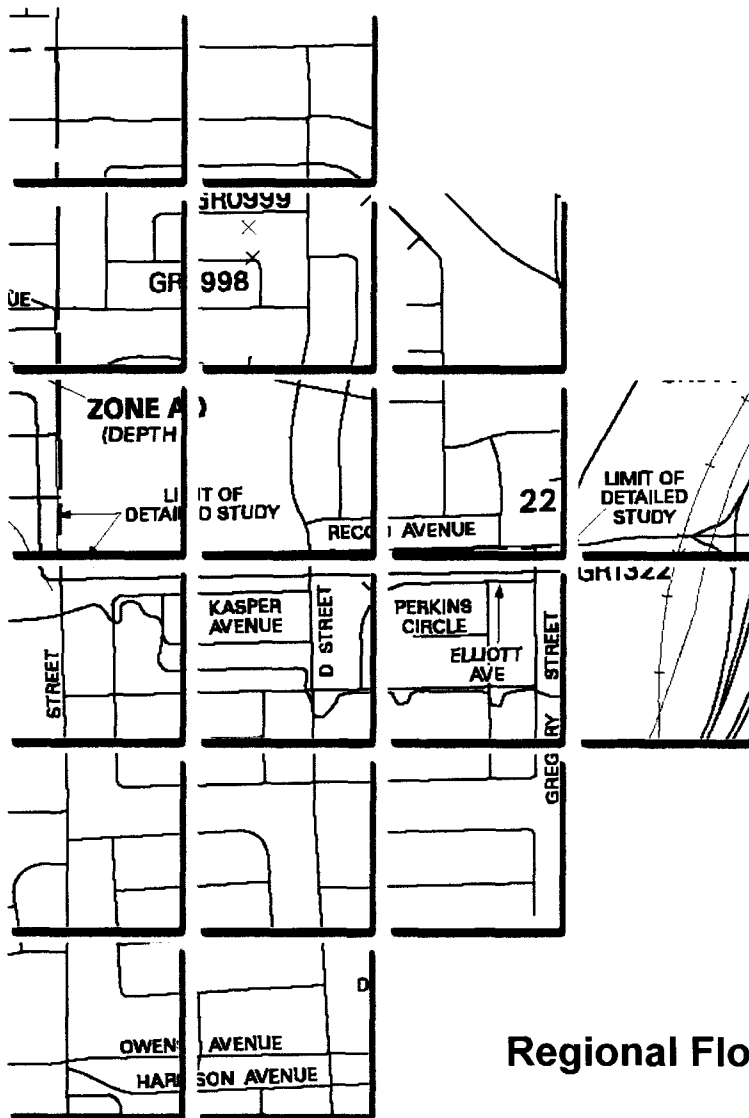


Request for Letter of Map Revision Based on Fill for Lots on the South Side of Lake Mead Boulevard

**(From 'H' Street to Gregory Street)
Clark County, Nevada**



Submitted to:

Clark County REGIONAL FLOOD CONTROL DISTRICT
Regional Flood Control District



Submitted by:

The Louis Berger Group, Inc.
Las Vegas, Nevada



07-09-0252A

October 2006



THE Louis Berger Group INC

500 Amigo Court, Suite 100, Las Vegas, NV 89119
Tel 702.736.6632 • Fax 702.736.0704

December 7, 2006

FEMA Map Coordination Contractor
3601 Eisenhower Avenue, Suite 600
Alexandria, VA 22304-6425

**RE: LOMR for 34 Lots on the South Side of Lake Mead Boulevard,
From H Street to Gregory Street
Case No. 07-09-0252A**

To Whom It May Concern:

This letter is in response to your request, in a letter dated November 14, 2006, for supporting data for the above-referenced LOMR request. The letter requests the following supporting data:

"FEMA understands what you are doing in regards to adding 1.44 feet to the bottom of the curb in order to come up with the BFE, but FEMA likes to keep things uniform, therefore, we ask that you submit a grading plan showing the Highest Top of Curb (HTOC) for each lot."

Attached please find a copy of the data calculation table, which has been revised to include Highest Top of Curb (HTOC) elevation information as well as all the information previously provided.

If you have any questions or require additional information, please contact me.

Sincerely,

THE LOUIS BERGER GROUP, INC.

Barbara M. Brown, P.E.
Senior Project Engineer

Cc: Kevin Eubanks, CCRFCD

CALCULATION SUMMARY

LOMR-F FOR 32 LOTS ON S SIDE OF LAKE MEAD BLVD.
FROM H STREET TO GREGORY STREET

APN NUMBER	ADDRESS	LOT ELEV., FEET	PLANS STATION	FLOWLINE ELEV., FEET	HIGHEST TOP OF CURB ELEV., FEET	BFE, FEET	CONVERTED ELEVATIONS, FEET			
							LOT	FLOWLINE	TOP OF CURB	BFE
139-22-310-001	1972 H ST	2033.2	156+76	2030.6	2031.1	2032.0	2035.23	2032.63	2033.1	2034.03
139-22-310-002	1968 H ST	2033.2	156+76	2030.6	2031.1	2032.0	2035.23	2032.63	2033.1	2034.03
139-22-310-019	720 KASPER AVE	2032.6	157+53	2029.7	2030.2	2031.1	2034.63	2031.73	2032.2	2033.13
139-22-310-020	716 KASPER AVE	2030.9	158+37	2028.6	2029.1	2030.1	2032.93	2030.63	2031.1	2032.08
139-22-310-021	712 KASPER AVE	2030.9	159+25	2027.5	2028.0	2029.0	2032.93	2029.56	2030.1	2031.00
139-22-310-022	708 KASPER AVE	2030.8	159+85	2026.8	2027.3	2028.3	2032.83	2028.84	2029.3	2030.28
139-22-310-023	704 KASPER AVE	2029.9	160+44	2026.1	2026.6	2027.5	2031.93	2028.12	2028.6	2029.56
139-22-310-024	700 KASPER AVE	2029.2	161+00	2025.4	2025.9	2026.9	2031.23	2027.44	2027.9	2028.88
139-22-310-025	612 KASPER AVE	2027.6	161+60	2024.7	2025.2	2026.1	2029.63	2026.71	2027.2	2028.15
139-22-310-026	608 KASPER AVE	2027.6	162+20	2024.0	2024.5	2025.4	2029.63	2025.98	2026.5	2027.42
139-22-310-027	604 KASPER AVE	2026.7	162+81	2023.2	2023.7	2024.7	2028.73	2025.24	2025.7	2026.68
139-22-310-028	600 KASPER AVE	2026.7	163+41	2022.5	2023.0	2023.9	2028.73	2024.51	2025.0	2025.95
139-22-310-029	512 KASPER AVE	2026.6	164+00	2021.8	2022.3	2023.2	2028.63	2023.78	2024.3	2025.22
139-22-310-030	508 KASPER AVE	2025.5	164+63	2020.5	2021.0	2022.0	2027.53	2022.55	2023.1	2023.99
139-22-310-031	504 KASPER AVE	2024.4	165+23	2020.3	2020.8	2021.7	2026.43	2022.29	2022.8	2023.73
139-22-310-032	500 KASPER AVE	2023.8	165+84	2019.5	2020.0	2021.0	2025.83	2021.55	2022.1	2022.99
139-22-310-033	412 KASPER AVE	2023.6	166+42	2018.8	2019.3	2020.2	2025.63	2020.80	2021.3	2022.24
139-22-310-034	408 KASPER AVE	2022.7	167+02	2018.0	2018.5	2019.5	2024.73	2020.07	2020.6	2021.51
139-22-310-035	404 KASPER AVE	2020.0	167+62	2017.3	2017.8	2018.8	2022.03	2019.34	2019.8	2020.78
139-22-310-036	400 KASPER AVE	2020.0	168+22	2016.6	2017.1	2018.0	2022.03	2018.62	2019.1	2020.06
139-22-311-001	1972 D ST	2017.4	159+83	2014.5	2015.0	2016.0	2019.43	2016.54	2017.0	2017.98
139-22-311-002	1968 D ST	2017.4	159+83	2014.5	2015.0	2016.0	2019.43	2016.54	2017.0	2017.98
139-22-312-013	200 ELLIOTT AVE	1989.0	178+41	1980.7	1981.2	1982.1	1991.03	1982.70	1983.2	1984.14
139-22-312-014	204 ELLIOTT AVE	1990.0	177+81	1983.1	1983.6	1984.5	1992.03	1985.13	1985.6	1986.57
139-22-312-015	208 ELLIOTT AVE	1990.0	177+20	1985.5	1986.0	1987.0	1992.03	1987.55	1988.1	1988.99
139-22-312-016	212 ELLIOTT AVE	1992.1	176+43	1988.7	1989.2	1990.1	1994.13	1990.69	1991.2	1992.13
139-22-312-017	216 ELLIOTT AVE	1993.3	175+52	1991.1	1991.6	1992.5	1995.33	1993.13	1993.6	1994.57
139-22-312-018	220 ELLIOTT AVE	1996.5	175+20	1993.6	1994.1	1995.1	1998.53	1995.65	1996.2	1997.09
139-22-312-019	300 ELLIOTT AVE	1998.9	174+60	1996.2	1996.7	1997.6	2000.93	1998.22	1998.7	1999.66
139-22-312-020	304 ELLIOTT AVE	2001.4	173+78	1999.5	2000.0	2000.9	2003.43	2001.49	2002.0	2002.93
139-22-312-021	308 ELLIOTT AVE	2004.5	172+90	2002.9	2003.4	2004.3	2006.53	2004.92	2005.4	2006.33
139-22-312-022	312 MIKE CIR	2004.5	172+90	2002.9	2003.4	2004.3	2006.53	2004.92	2005.4	2006.36

CALCULATION NOTES:

1. Lot elevation is taken from spot elevations shown on the design drawings for Lake Mead Boulevard, Tonopah to I-15, by VTN Nevada, 1990.
2. Flow line and Highest Top of Curb (HTOC) elevations and stationing are taken from the design drawings for Lake Mead Boulevard, Tonopah to I-15, by VTN Nevada, 1990.
3. Base Flood Elevation is calculated at the high side of each lot, and is equal to the effective flood depth in the street (1.44') plus the flow line elevation at the high side of the lot.
4. All elevations were converted to the current datum, NAVD 1988, since the Lake Mead Boulevard plans were based on the obsolete datum (NGVD 1929).
5. The residential lot described as 1968 H Street (APN 139-22-310-002) does not currently lie within the Special Flood Hazard Zone AO. However, because of its very close proximity to the boundary of the Zone AO, it is included in this request in order to omit the possibility of it being inadvertently added to the Zone AO by any type of possible graphical error in mapping.



Federal Emergency Management Agency

Washington, D.C. 20472

November 14, 2006

Ms. Barbara Brown
P.E.
500 E Amigo Court #100
Las Vegas, NV 89119

IN REPLY REFER TO:
CASE NO: 07-09-0252A
COMMUNITY: CITY OF LAS VEGAS, CLARK COUNTY,
NEVADA
COMMUNITY NO: 325276
216-AD-F

RE: SOUTH SIDE OF LAKE MEAD BOULEVARD

Dear Ms. Brown:

This is in response to your request for a Letter of Map Revision based on Fill for the property referenced above.

The Federal Emergency Management Agency (FEMA) uses detailed application/certification forms for revision requests or amendments to the National Flood Insurance Program (NFIP) maps. The forms provide step-by-step instructions for requestors to follow, and are comprehensive, ensuring that the requestors' submissions are complete and more logically structured. Therefore, we can complete our review more quickly and at lower cost to the NFIP. While completing the forms may seem burdensome, the advantages to requestors outweigh any inconvenience.

The NFIP is primarily funded by policyholders, not taxes. To minimize the financial burden on our policyholders, FEMA has established a flat processing fee for review of proposed projects and requests for revisions to published flood information and maps. For a request of this type, the fee is \$800.00.

We must receive the processing fee before we will begin our review. Payment must be in the form of a check or money order made payable to the National Flood Insurance Program. For identification purposes, the case number referenced above must be included on the check or money order. Please forward a payment of \$800.00 to the following address:

Federal Emergency Management Agency
Fee Charge System
P.O. Box 22787
Alexandria, VA 22304

Should you wish to use an overnight service to transmit your payment, please forward it to the following address in lieu of the address noted above:

Fee Charge System Administrator
c/o Michael Baker Jr., Inc.
Suite 130
3601 Eisenhower Avenue
Alexandria, VA 22304
(703) 960-8800

The following forms or supporting data, which were omitted from your previous submittal, must be provided:

- FEMA understands what you are doing in regards to adding 1.44 feet to the bottom of the curb in order to come up with the BFE, but FEMA likes to keep things uniform, therefore, we ask that you submit a grading plan showing the Highest Top of Curb (HTOC) for each lot.

Please note that if all of the required items are not submitted within 90 days of the date of this letter, any subsequent request will be treated as an original submittal and will be subject to all submittal procedures, including the processing fee.

If you are unable to meet the 90-day deadline for submittal of required items and would like FEMA to continue processing your request, you must request an extension of the deadline. This request must be submitted in writing to the address below and must provide (1) the reason why the data cannot be submitted within the requested time frame, and (2) a new date for the submittal of the data. We receive a very large volume of requests and cannot maintain inactive requests for an indefinite period of time. Therefore, the fees will be forfeited for any request for which neither the requested data nor a written extension request is received within 90 days.

When you write to us concerning your request, please include the case number referenced above in your letter. All required items and questions concerning your request are to be directed to LOMA Manager, FEMA LOMA Depot, 3601 Eisenhower Avenue, Suite 130, Alexandria, VA 22304-6439.

If you have any questions concerning FEMA policy, or the NFIP in general, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, 3601 Eisenhower Avenue, Suite 600, Alexandria, VA 22304-6439.

Sincerely,



William R. Blanton Jr., CFM, Chief
Engineering Management Section
Mitigation Division

cc: Fee-Charge System Administrator



THE Louis Berger Group INC

500 Amigo Court, Suite 100, Las Vegas, NV 89119
Tel 702.736.6632 • Fax 702.736.0704

October 17, 2006

FEMA Map Coordination Contractor
3601 Eisenhower Avenue, Suite 600
Alexandria, VA 22304-6425

**RE: LOMR-F for 32 Lots on the South Side of Lake Mead Boulevard,
From H Street to Gregory Street**

To Whom It May Concern:

In the fall of 2005, the Louis Berger Group, Inc. was selected to provide engineering services for the Clark County Regional Flood Control District (CCRFCD). The work includes preparation of this Letter of Map Revision package for the above-referenced project, located in the north-central portion of the Las Vegas Valley, Nevada. The project is located within the incorporated City of Las Vegas.

The project site consists of a grouping of 32 residential lots, designated as a Special Flood Hazard Zone AO, which currently lie at an elevation above the Base Flood Elevations calculated in the Effective FIS. The structures on these residential lots were constructed circa 1960, for which grading plans and/or elevation certificates are not available.

The subject lots, which are shown to be each located partially within a Special Flood Hazard Zone (SFHZ) A, are situated generally with their rear lots along Lake Mead Boulevard. In the vicinity of the subject lots, Lake Mead Boulevard acts as a conveyance facility for runoff flow. When the Effective FIS was prepared (Northwest Las Vegas FIS Restudy, by CVL, 1994), the Base Flood Elevation (BFE) along Lake Mead Boulevard was calculated as the depth of flow in the street as 1.44 feet above curb flow line elevation, at a 100-year peak flow rate of 520 cfs. Although the map was revised showing the lots partially within the SFHZ A, it is evident that the lots actually lie above the calculated BFE's along Lake Mead Boulevard.

Currently, there is ample evidence that the subject lots are located above the calculated BFE's along Lake Mead Boulevard. Site investigation indicates that all of the lots are elevated on fill above the curb line elevation of Lake Mead Boulevard, the majority of which have an existing retaining wall located at the back of the sidewalk. Photographs of the back of the subject lots and the associated retaining wall are included in this submittal. The existing retaining wall varies in height from about 6 inches to 3 feet. Apparently about 500 feet of the retaining wall improvements were constructed along with a roadway project which was constructed along Lake Mead Boulevard at the subject lots in 1991.

The roadway project drawings, "Lake Mead Boulevard, Tonopah to Interstate 15" (VTN Nevada, 1990) are the best evidence available to indicate the elevation of the lots relative to the flow line elevations on Lake Mead Boulevard. The roadway project drawings show top of curb elevations and spot elevations in the areas of the back of the subject lots. These data are used for the basis of this request package, and with this letter, I certify that the information shown on these plans represents field conditions as they exist today.

The BFE for each residential lot in this request package was calculated by selecting a curb flow line elevation at the high side of each lot along Lake Mead Boulevard from the record drawings for the roadway. The calculated 1.44 feet from the Effective FIS was added to the flow line elevations, resulting in the BFE at each lot. The elevation of each lot was then also taken from the record drawings for the roadway as spot elevations shown on the aerial topography. For lots that did not show a spot elevation on the drawings, the elevation of the lower adjacent lot was assumed, as a worst-case situation. BFE calculations are summarized in a table in this request submittal.

Because the record drawings for Lake Mead Boulevard were prepared based on the old benchmark (NAVG 1929) the elevations were converted to the current benchmark (NAVD 1988). Conversion was performed by entering the latitude and longitude of the upstream end of the subject site into the conversion website, to obtain the adjustment. The vertical adjustment was added to the elevations in the Calculation Summary Table in this request submittal package.

It is noted that there are two lots in the vicinity of the subject lots that do not show clear evidence of being above the BFE in Lake Mead Boulevard calculated by the Effective FIS. These two lots are:

- 316 Mike Circle, Assessor's Parcel No. 139-22-312-023
- 320 Mike Circle, Assessor's Parcel No. 139-22-312-024

Because there is no clear evidence that these two lots are above the BFE, these two lots are not included in this request submittal. All of the lots that are included in this request submittal are listed on the Calculation Summary table.

It is noted that this request was submitted previously as a LOMR, and it was suggested by Michael Baker Jr. that this package be prepared and re-submitted as a LOMR-F.

Attached please find the following information included for support of this request for Letter of Map Revision based on fill (LOMR-F).

APPENDIX A

1. FEMA Standard Form MT-1 Form 1
2. FEMA Standard Form MT-1 Form 2
3. FEMA Standard Form MT-1 Form 3

4. Calculation Summary table

APPENDIX B

1. Figure 1 – FEMA Flood Zone Map

APPENDIX C

1. Pertinent portions of the effective FIS
2. Letter from Baker concerning previous submittal

APPENDIX D

1. Assessor's Parcel Map
2. Pertinent sheets from Lake Mead Boulevard design drawings
3. Plat maps for the subject residential lots
4. Benchmark conversion calculations

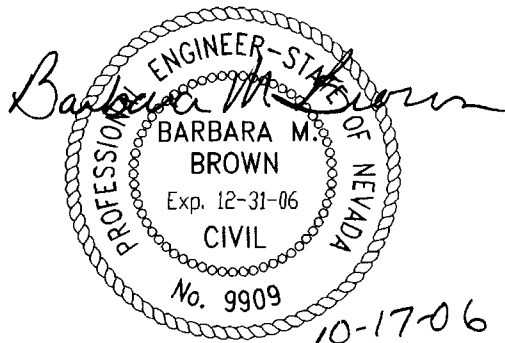
APPENDIX E

1. Data disk containing electronic files of the following:
 - a. Effective FEMA FIRM Panel No. 32003C 2160 E in *.pdf format.
 - b. Photographs of existing conditions

If you have any questions or require additional information, please contact me.

Sincerely,

THE LOUIS BERGER GROUP, INC.



Barbara M. Brown, P.E.
Senior Project Engineer

U.S. DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
COMMUNITY ACKNOWLEDGMENT FORM

O.M.B. NO. 1660-0015
Expires August 31, 2007

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.38 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington DC 20472, Paperwork Reduction Project (1660-0015). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

This form must be completed for requests involving the existing or proposed placement of fill (complete Section A) OR to provide acknowledgment of this request to remove a property from the SFHA which was previously located within the regulatory floodway (complete Section B).

This form must be completed and signed by the official responsible for floodplain management in the community. The community number and the subject property address must appear in the spaces provided below.

Community Number: 325276

Property Name or Address: see attached "Summary of Calculations" and plat maps.

A. REQUESTS INVOLVING THE PLACEMENT OF FILL

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this Letter of Map Revision Based on Fill (LOMR-F) or Conditional LOMR-F request. Based upon the community's review, we find the completed or proposed project meets or is designed to meet all of the community floodplain management requirements, including the requirement that no fill be placed in the regulatory floodway, and that all necessary Federal, State, and local permits have been, or in the case of a Conditional LOMR-F, will be obtained. In addition, we have determined that the land and any existing or proposed structures to be removed from the SFHA are or will be reasonably safe from flooding as defined in 44CFR 65.2(c), and that we have available upon request by DHS-FEMA, all analyses and documentation used to make this determination. For LOMR-F requests, we understand that this request is being forwarded to DHS-FEMA for a possible map revision. For LOMR-F or Conditional LOMR-F requests that have the potential to impact an endangered species, documentation will be submitted to show that we have complied with Sections 9 and 10 of the Endangered Species Act (ESA). Section 9 of the ESA prohibits anyone from "taking" or harming an endangered species. If an action might harm an endangered species, a permit is required from U.S. Fish and Wildlife Service or National Marine Fisheries Service under Section 10 of the ESA. For actions authorized, funded, or being carried out by Federal or State agencies, documentation from the agency showing its compliance with Section 7(a)(2) of the ESA will be submitted.

Community Comments:

Community Official's Name and Title: (Please Print or Type)

Randy Fultz, Assistant City Engineer

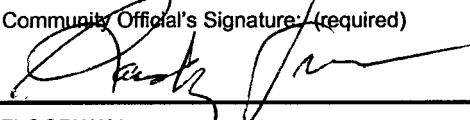
Telephone No.:

702-229-6276

Community Name:

City of Las Vegas, Nevada

Community Official's Signature: (required)



Date:

October 17, 2006

B. PROPERTY LOCATED WITHIN THE REGULATORY FLOODWAY

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this request for a LOMA. We understand that this request is being forwarded to DHS-FEMA to determine if this property has been inadvertently included in the regulatory floodway. We acknowledge that no fill on this property has been or will be placed within the designated regulatory floodway. We find that the completed or proposed project meets or is designed to meet all of the community floodplain management requirements.

Community Comments:

Community Official's Name and Title: (Please Print or Type)

Telephone No.:

Community Name:

Community Official's Signature (required):

Date:

THE Louis Berger Group, INC.

APPENDIX A

FEMA Standard Form MT-1 Form 1
FEMA Standard Form MT-1 Form 2
FEMA Standard Form MT-1 Form 3
Calculation Summary table

U.S. DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
PROPERTY INFORMATION FORM

O.M.B. NO. 1660-0015
Expires August 31, 2007

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.63 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington DC 20472, Paperwork Reduction Project (1660-0015). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

This form may be completed by the property owner, property owner's agent, licensed land surveyor, or registered professional engineer to support a request for a Letter of Map Amendment (LOMA), Conditional Letter of Map Amendment (CLOMA), Letter of Map Revision Based on Fill (LOMR-F), or Conditional Letter of Map Revision Based on Fill (CLOMR-F) for existing or proposed, single or multiple lots/structures. Please check the item below that describes your request:

<input type="checkbox"/> LOMA	A letter from DHS-FEMA stating that an existing structure or parcel of land that has not been elevated by fill (natural grade) would not be inundated by the base flood.
<input type="checkbox"/> CLOMA	A letter from DHS-FEMA stating that a proposed structure that is not to be elevated by fill (natural grade) would not be inundated by the base flood if built as proposed.
<input checked="" type="checkbox"/> LOMR-F	A letter from DHS-FEMA stating that an existing structure or parcel of land that has been elevated by fill would not be inundated by the base flood.
<input type="checkbox"/> CLOMR-F	A letter from DHS-FEMA stating that a parcel of land or proposed structure that will be elevated by fill would not be inundated by the base flood if fill is placed on the parcel as proposed or the structure is built as proposed.

Fill is defined as material from any source placed to raise the ground to or above the Base Flood Elevation (BFE). The common construction practice of removing unsuitable existing material (topsoil) and backfilling with select structural material is not considered the placement of fill if the practice does not alter the existing (natural grade) elevation, which is at or above the BFE. **Fill that is placed before the date of the first National Flood Insurance Program (NFIP) map showing the area in a Special Flood Hazard Area (SFHA) is considered natural grade.**

Has fill been placed on your property?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, when was fill placed?	017/1961 month/year
Will fill be placed on your property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, when will fill be placed?	/ month/year

- Street Address of the Property (if request is for multiple structures, please attach additional sheet):
See attached "Summary of Calculations" and plat maps associated with the subject lots.
- Legal description of Property (Lot, Block, Subdivision) (if a street address cannot be provided):
See attached "Summary of Calculations" and plat maps associated with the subject lots.
- Are you requesting that the SFHA designation be removed from (check one):
 - ☒ the entire legally recorded property?
 - ☐ a portion of land within the bounds of the property (a certified metes and bounds description and map of the area to be removed, certified by a licensed land surveyor or registered professional engineer, are required)?
 - ☐ structures on the property? What are the dates of construction?
- Is this request for a (check one):
 - ☐ single structure
 - ☐ single lot
 - ☐ multiple structures (How many structures are involved in your request? List the number:)
 - ☒ multiple lots (How many lots are involved in your request? List the number: **32**)

In addition to this form (MT-1 Form 1), ALL requests must include the following:

- Copy of the Plat Map for the property (with recordation data and stamp of the Recorder's Office)
OR
- Copy of the property Deed (with recordation data and stamp of the Recorder's Office), accompanied by a tax assessor's map or other certified map showing the surveyed location of the property relative to local streets and watercourses
- Copy of the effective FIRM panel and/or Flood Boundary and Floodway Map (FBFM) (if applicable) on which the property location has been accurately plotted (property inadvertently located in the NFIP regulatory floodway will require Section B of MT-1 Form 3)
- Form 2 – Elevation Form. If an Elevation Certificate has already been completed for this property, it may be submitted in addition to Form 2.

Please include a map scale and North arrow on all maps submitted.

For LOMR-Fs and CLOMR-Fs, the following must be submitted in addition to the items listed above:

- Form 3 – Community Acknowledgment Form

Processing Fee (see instructions for appropriate mailing address; or, visit http://www.fema.gov/fhm/fm_fees.shtml for the most current fee schedule)

Revised fee schedules are published periodically, but no more than once annually, as noted in the Federal Register. Please note: single/multiple lot(s)/structure(s) LOMAs are fee exempt. The current review and processing fees are listed below:

Check the fee that applies to your request:

- ☐ \$325 (single lot/structure LOMR-F following a CLOMR-F)
- ☐ \$425 (single lot/structure LOMR-F)
- ☐ \$500 (single lot/structure CLOMA or CLOMR-F)
- ☐ \$700 (multiple lot/structure LOMR-F following a CLOMR-F, or multiple lot/structure CLOMA)
- ☒ \$800 (multiple lot/structure LOMR-F or CLOMR-F)

Please submit the Payment Information Form for remittance of applicable fees. Please make your check or money order payable to: National Flood Insurance Program.

All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Applicant's Name: Barbara M. Brown, P.E.
Please Print or Type

Company: The Louis Berger Group, Inc.

Mailing Address: 500 E. Amigo Court #100
Las Vegas, NV 89119

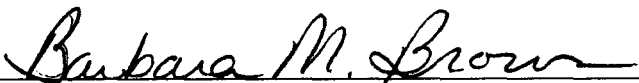
Daytime Telephone No.: 702-736-6632

E-Mail Address: bbrown@louisberger.com
(optional)

Fax No.: 702-736-0704

Date

10-5-06


Signature of Applicant (required)

If you have any questions concerning DHS-FEMA policy, or the NFIP in general, please contact the FEMA Map Assistance Center toll free at 1-877-FEMA MAP (1-877-336-2627), or visit the Flood Hazard Mapping website at <http://www.fema.gov/fhm/>.

**U.S. DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
ELEVATION FORM**

*O.M.B. NO. 1660-0015
Expires August 31, 2007*

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.25 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington DC 20472, Paperwork Reduction Project (1660-0015). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

This form must be completed for requests and must be completed and signed by a registered professional engineer or licensed land surveyor. **A DHS - FEMA National Flood Insurance Program (NFIP) Elevation Certificate may be submitted in addition to this form for single structure requests.**

For requests to remove a structure on natural grade OR on engineered fill from the Special Flood Hazard Area (SFHA), submit the lowest adjacent grade (the lowest ground touching the structure), including an attached deck or garage. For requests to remove an entire parcel of land from the SFHA, provide the lowest lot elevation; or, if the request involves an area described by metes and bounds, provide the lowest elevation within the metes and bounds description.

- NFIP Community Number: 32003C2160E Property Name or Address: See attached "Summary of Calculations" and plat maps.
- Are the elevations listed below based on ☒ existing or ☐ proposed conditions? (Check one)
- What is the elevation datum? NAVD 88 If any of the elevations listed below were computed using a datum different than the datum used for the effective Flood Insurance Rate Map (FIRM) (e.g., NGVD 29 or NAVD 88), what was the conversion factor? **NAVD88 MINUS NVGD29=2.031 FT**
Local Elevation +/- ft. = FIRM Datum
- Please provide the Latitude and Longitude of the most upstream edge of the structure (in decimal degrees):
Indicate Datum: ☐ NAD83 ☐ NAD27 . Lat. . Long.
Please provide the Latitude and Longitude of the most upstream edge of the property (in decimal degrees):
Indicate Datum: ☐ NAD83 ☐ NAD27 . Lat. . Long.
For the existing or proposed structures listed below, what are the types of construction? (check all that apply)
☐ crawl space ☒ slab on grade ☐ basement/enclosure ☐ other (explain)
- Has DHS - FEMA identified this area as subject to land subsidence or uplift? (see instructions) ☐ Yes ☒ No
If yes, what is the date of the current releveing? / (month/year)

Lot Number	Block Number	Lowest Lot Elevation	Lowest Adjacent Grade To Structure	Base Flood Elevation	BFE Source	For DHS - FEMA Use Only
			SEE	ATTACHED	SHEET	

This certification is to be signed and sealed by a licensed land surveyor, registered professional engineer, or architect authorized by law to certify elevation information. All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Certifier's Name: Barbara M. Brown	License No.: NV CE 9909	Expiration Date: 12/31/06
Company Name: The Louis Berger Group, Inc.	Telephone No.: 702-736-6632	Fax No.: 702-736-0704
Signature: <i>Barbara M. Brown</i>	Date: 10-5-06	

Seal (optional)

[illegible]

Certifier's Name: Barbara M. Brown	License No.: Nevada CE 9909	Expiration Date: 12/31/06
Company Name: The Louis Berger Group, Inc.	Telephone No.: 702-376-8801	Fax No.: 702-736-0704
Signature: <i>Barbara M. Brown</i>	Date: <i>10-5-06</i>	
		<div style="border: 1px solid black; width: 150px; height: 150px; margin: 0 auto; text-align: center; padding-top: 80px;">Seal (optional)</div>

U.S. DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
COMMUNITY ACKNOWLEDGMENT FORM

O.M.B. NO. 1660-0015
Expires August 31, 2007

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.38 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington DC 20472, Paperwork Reduction Project (1660-0015). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

This form must be completed for requests involving the existing or proposed placement of fill (complete Section A) OR to provide acknowledgment of this request to remove a property from the SFHA which was previously located within the regulatory floodway (complete Section B).

This form must be completed and signed by the official responsible for floodplain management in the community. The community number and the subject property address must appear in the spaces provided below.

Community Number: 325276

Property Name or Address: see attached "Summary of Calculations" and plat maps.

A. REQUESTS INVOLVING THE PLACEMENT OF FILL

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this Letter of Map Revision Based on Fill (LOMR-F) or Conditional LOMR-F request. Based upon the community's review, we find the completed or proposed project meets or is designed to meet all of the community floodplain management requirements, including the requirement that no fill be placed in the regulatory floodway, and that all necessary Federal, State, and local permits have been, or in the case of a Conditional LOMR-F, will be obtained. In addition, we have determined that the land and any existing or proposed structures to be removed from the SFHA are or will be reasonably safe from flooding as defined in 44CFR 65.2(c), and that we have available upon request by DHS-FEMA, all analyses and documentation used to make this determination. For LOMR-F requests, we understand that this request is being forwarded to DHS-FEMA for a possible map revision. For LOMR-F or Conditional LOMR-F requests that have the potential to impact an endangered species, documentation will be submitted to show that we have complied with Sections 9 and 10 of the Endangered Species Act (ESA). Section 9 of the ESA prohibits anyone from "taking" or harming an endangered species. If an action might harm an endangered species, a permit is required from U.S. Fish and Wildlife Service or National Marine Fisheries Service under Section 10 of the ESA. For actions authorized, funded, or being carried out by Federal or State agencies, documentation from the agency showing its compliance with Section 7(a)(2) of the ESA will be submitted.

Community Comments:

Community Official's Name and Title: (Please Print or Type)

Randy Fultz, Assistant City Engineer

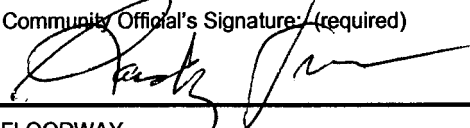
Telephone No.:

702-229-6276

Community Name:

City of Las Vegas, Nevada

Community Official's Signature: (required)



Date:

October 17, 2006

B. PROPERTY LOCATED WITHIN THE REGULATORY FLOODWAY

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this request for a LOMA. We understand that this request is being forwarded to DHS-FEMA to determine if this property has been inadvertently included in the regulatory floodway. We acknowledge that no fill on this property has been or will be placed within the designated regulatory floodway. We find that the completed or proposed project meets or is designed to meet all of the community floodplain management requirements.

Community Comments:

Community Official's Name and Title: (Please Print or Type)

Telephone No.:

Community Name:

Community Official's Signature (required):

Date:

CALCULATION SUMMARY

LOMR-F FOR 32 LOTS ON S SIDE OF LAKE MEAD BLVD.
FROM H STREET TO GREGORY STREET

APN NUMBER	ADDRESS	LOT ELEV., FEET	PLANS STATION	FLOWLINE ELEV., FEET	BFE, FEET	CONVERTED ELEVATIONS, FEET		
						LOT	FLOWLINE	BFE
139-22-310-001	1972 H ST	2033.2	156+76	2030.6	2032.0	2035.23	2032.63	2034.03
139-22-310-002	1968 H ST	2033.2	156+76	2030.6	2032.0	2035.23	2032.63	2034.03
139-22-310-019	720 KASPER AVE	2032.6	157+53	2029.7	2031.1	2034.63	2031.73	2033.13
139-22-310-020	716 KASPER AVE	2030.9	158+37	2028.6	2030.1	2032.93	2030.63	2032.08
139-22-310-021	712 KASPER AVE	2030.9	159+25	2027.5	2029.0	2032.93	2029.56	2031.00
139-22-310-022	708 KASPER AVE	2030.8	159+85	2026.8	2028.3	2032.83	2028.84	2030.28
139-22-310-023	704 KASPER AVE	2029.9	160+44	2026.1	2027.5	2031.93	2028.12	2029.56
139-22-310-024	700 KASPER AVE	2029.2	161+00	2025.4	2026.9	2031.23	2027.44	2028.88
139-22-310-025	612 KASPER AVE	2027.6	161+60	2024.7	2026.1	2029.63	2026.71	2028.15
139-22-310-026	608 KASPER AVE	2027.6	162+20	2024.0	2025.4	2029.63	2025.98	2027.42
139-22-310-027	604 KASPER AVE	2026.7	162+81	2023.2	2024.7	2028.73	2025.24	2026.68
139-22-310-028	600 KASPER AVE	2026.7	163+41	2022.5	2023.9	2028.73	2024.51	2025.95
139-22-310-029	512 KASPER AVE	2026.6	164+00	2021.8	2023.2	2028.63	2023.78	2025.22
139-22-310-030	508 KASPER AVE	2025.5	164+63	2020.5	2022.0	2027.53	2022.55	2023.99
139-22-310-031	504 KASPER AVE	2024.4	165+23	2020.3	2021.7	2026.43	2022.29	2023.73
139-22-310-032	500 KASPER AVE	2023.8	165+84	2019.5	2021.0	2025.83	2021.55	2022.99
139-22-310-033	412 KASPER AVE	2023.6	166+42	2018.8	2020.2	2025.63	2020.80	2022.24
139-22-310-034	408 KASPER AVE	2022.7	167+02	2018.0	2019.5	2024.73	2020.07	2021.51
139-22-310-035	404 KASPER AVE	2020.0	167+62	2017.3	2018.8	2022.03	2019.34	2020.78
139-22-310-036	400 KASPER AVE	2020.0	168+22	2016.6	2018.0	2022.03	2018.62	2020.06
139-22-311-001	1972 D ST	2017.4	159+83	2014.5	2016.0	2019.43	2016.54	2017.98
139-22-311-002	1968 D ST	2017.4	159+83	2014.5	2016.0	2019.43	2016.54	2017.98
139-22-312-013	200 ELLIOTT AVE	1989.0	178+41	1980.7	1982.1	1991.03	1982.70	1984.14
139-22-312-014	204 ELLIOTT AVE	1990.0	177+81	1983.1	1984.5	1992.03	1985.13	1986.57
139-22-312-015	208 ELLIOTT AVE	1990.0	177+20	1985.5	1987.0	1992.03	1987.55	1988.99
139-22-312-016	212 ELLIOTT AVE	1992.1	176+43	1988.7	1990.1	1994.13	1990.69	1992.13
139-22-312-017	216 ELLIOTT AVE	1993.3	175+52	1991.1	1992.5	1995.33	1993.13	1994.57
139-22-312-018	220 ELLIOTT AVE	1996.5	175+20	1993.6	1995.1	1998.53	1995.65	1997.09
139-22-312-019	300 ELLIOTT AVE	1998.9	174+60	1996.2	1997.6	2000.93	1998.22	1999.66
139-22-312-020	304 ELLIOTT AVE	2001.4	173+78	1999.5	2000.9	2003.43	2001.49	2002.93
139-22-312-021	308 ELLIOTT AVE	2004.5	172+90	2002.9	2004.3	2006.53	2004.92	2006.33
139-22-312-022	312 MIKE CIR	2004.5	172+90	2002.9	2004.3	2006.53	2004.92	2006.36

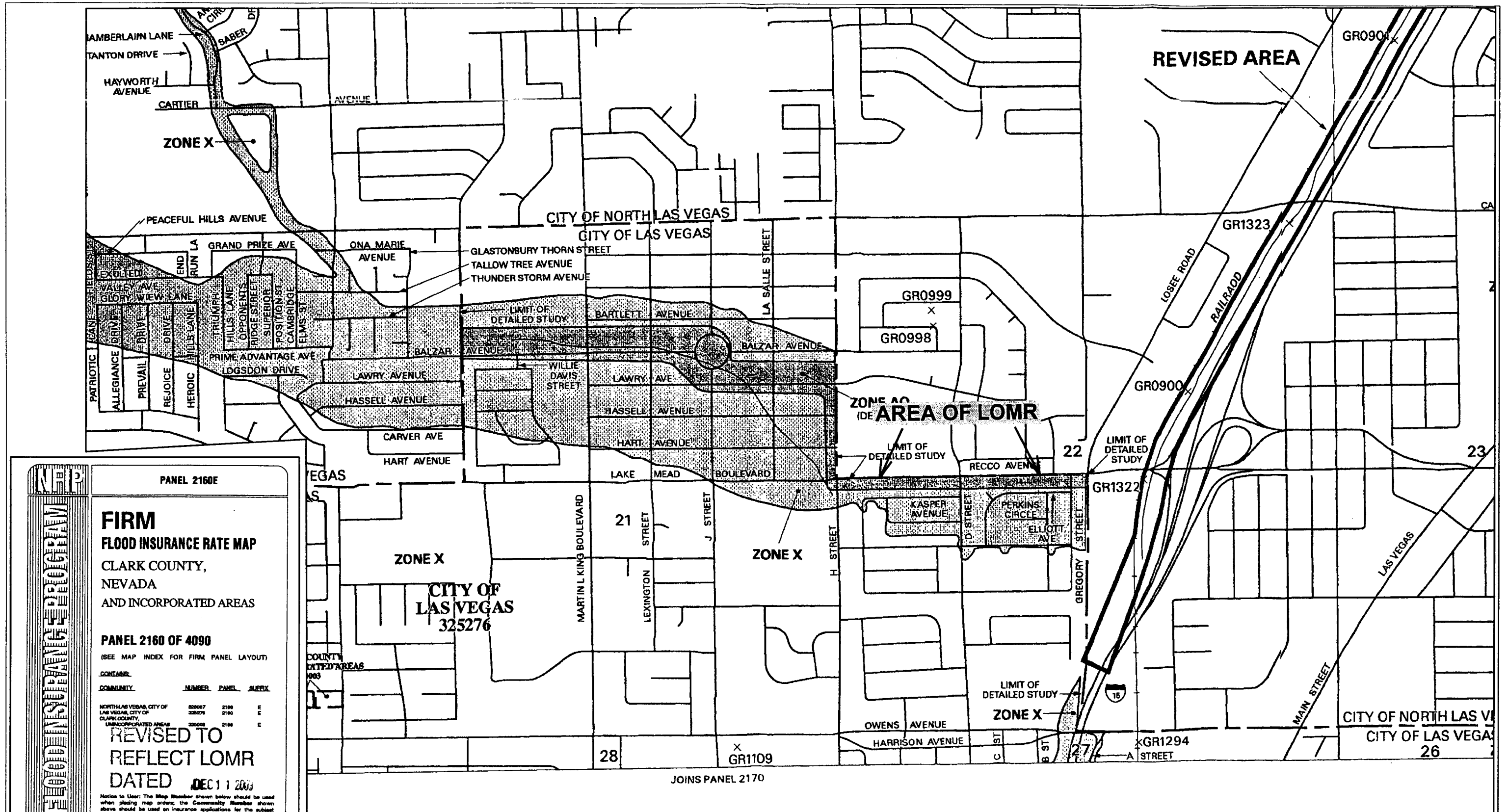
CALCULATION NOTES:

1. Lot elevation is taken from spot elevations shown on the design drawings for Lake Mead Boulevard, Tonopah to I-15, by VTN Nevada, 1990.
2. Flow line elevations and stationing are taken from the design drawings for Lake Mead Boulevard, Tonopah to I-15, by VTN Nevada, 1990.
3. Base Flood Elevation is calculated at the high side of each lot, and is equal to the effective flood depth in the street (1.44') plus the flow line elevation at the high side of the lot.
4. All elevations were converted to the current datum, NAVD 1988, since the Lake Mead Boulevard plans were based on the obsolete datum (NGVD 1929).
5. The residential lot described as 1968 H Street (APN 139-22-310-002) does not currently lie within the Special Flood Hazard Zone AO. However, because of its very close proximity to the boundary of the Zone AO, it is included in this request in order to omit the possibility of it being inadvertently added to the Zone AO by any type of possible graphical error in mapping.

THE Louis Berger Group, INC.

APPENDIX B

Figure 1 – FEMA Flood Zone Map



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2160E

FIRM
FLOOD INSURANCE RATE MAP
 CLARK COUNTY,
 NEVADA
 AND INCORPORATED AREAS

PANEL 2160 OF 4090
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NORTH LAS VEGAS, CITY OF	50007	2100	E
LAS VEGAS, CITY OF	225276	2100	E
CLARK COUNTY, UNINCORPORATED AREAS	320008	2100	E

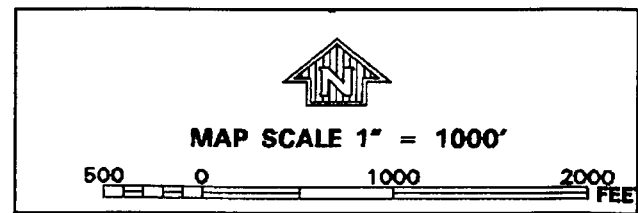
REVISED TO REFLECT LOMR DATED DEC 11 2003

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 32003C2160E

MAP REVISED: SEPTEMBER 27, 2002

Federal Emergency Management Agency



FEMA FLOOD ZONE MAP
 LOMR-F FOR 32 LOTS ALONG THE SOUTH
 SIDE OF LAKE MEAD BOULEVARD
 BETWEEN H STREET AND GREGORY STREET
FIGURE 1

THE LOUIS BERGER GROUP, INC.
 LAS VEGAS, NEVADA

THE Louis Berger Group, INC.

APPENDIX C

Pertinent portions of the effective FIS
Letter from Baker concerning previous submittal

Northwest Las Vegas Flood Insurance Study Restudy Clark County, Nevada

Technical Data Notebook

Appendix V - Supporting Technical Data for Approximate Study Area

Prepared for:

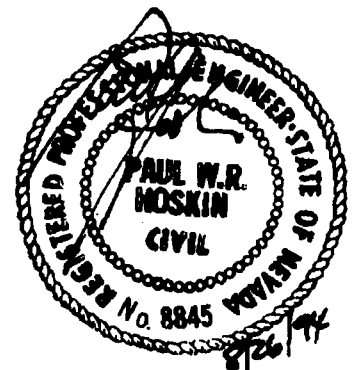
**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

C L A R K C O U N T Y
REGIONAL FLOOD CONTROL DISTRICT



**301 East Clark Avenue, Suite 300
Las Vegas, Nevada 89101**

August 26, 1994



CVL CONSULTANTS, INC., 6655 W. SAHARA, SUITE A-200, LAS VEGAS, NV 89103 (702) 368-3008
PENTACORE ENGINEERING, INC., 6763 W. CHARLESTON BLVD., LAS VEGAS NV 89102 (702) 258-0115

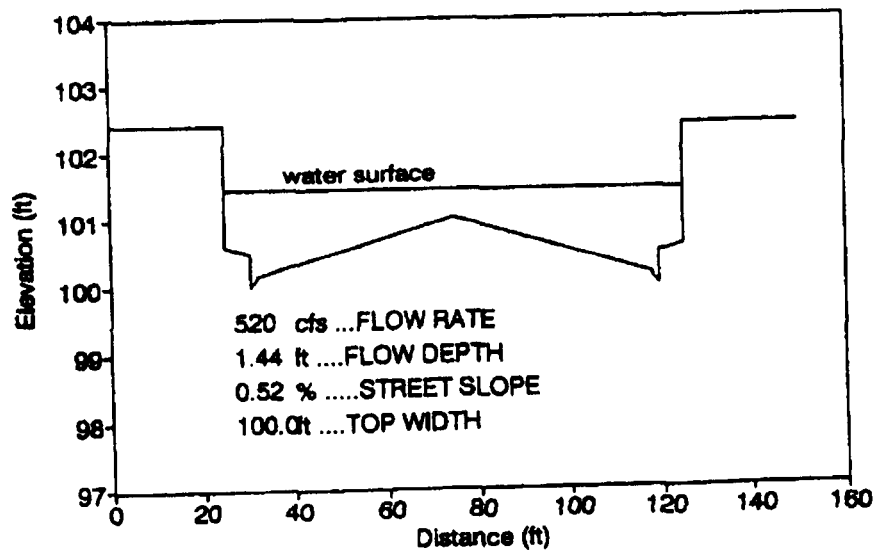
Section 1
Carey/Lake Mead Area

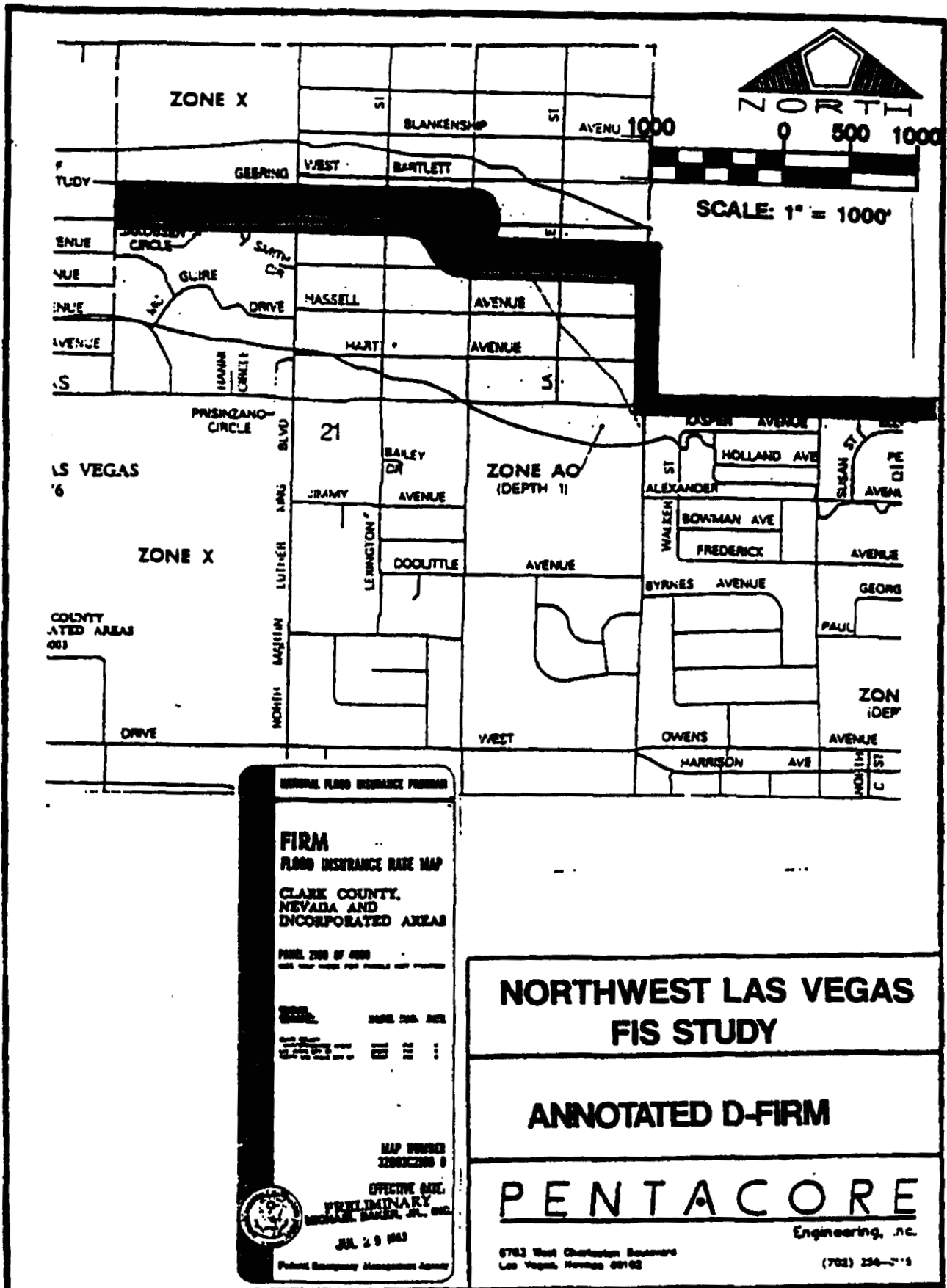
STREET FLOWS

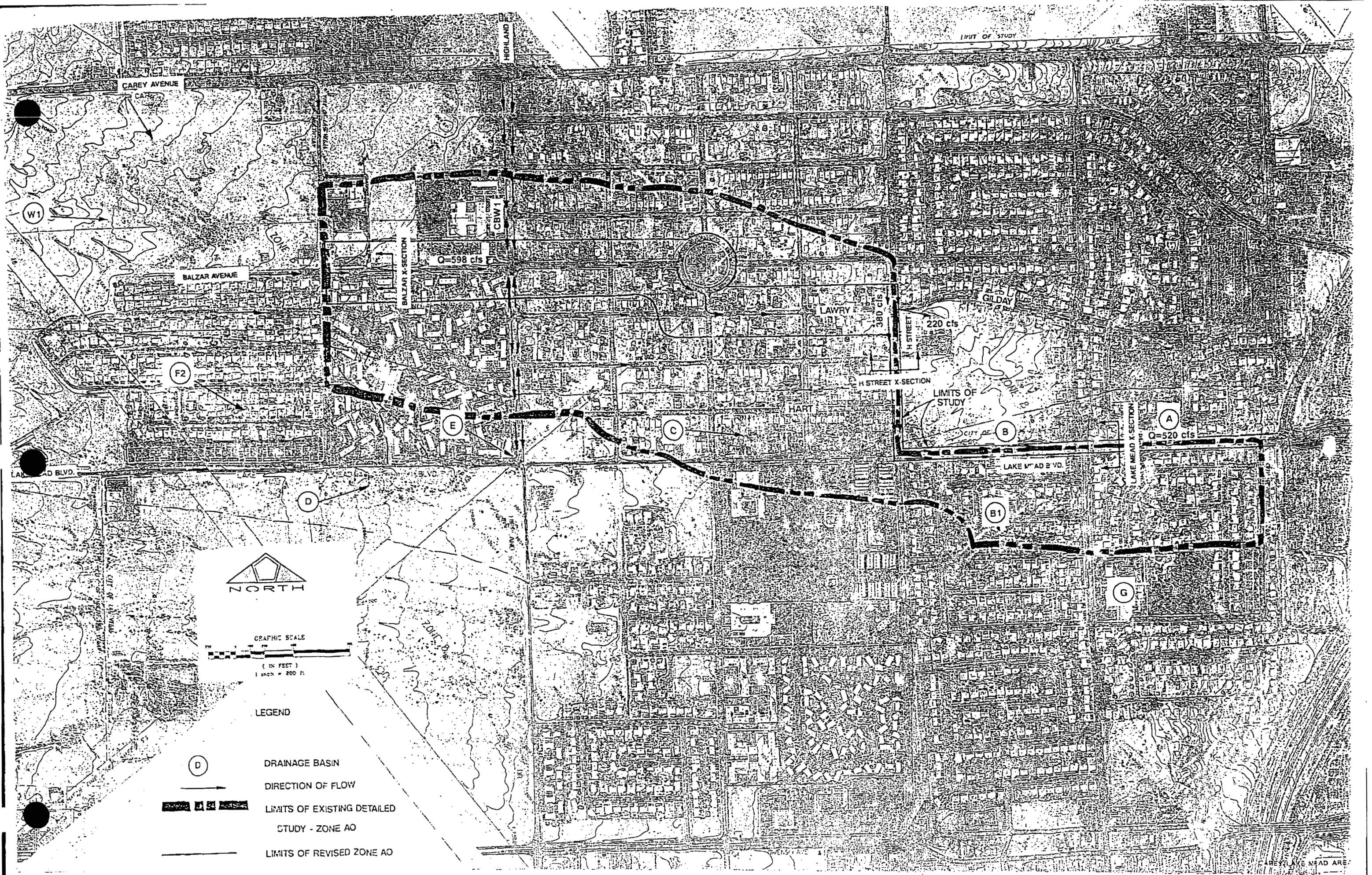
LAKE MEAD BOULEVARD-100 YEAR FLOW

Input variables:		Output variables:	
Flow depth, d	1.44 ft	Capacity at d	520.0 cfs
Road width	90.0 ft	Velocity	6.0 fps
Crown height	1.03 ft	Top width	100.0 ft
Street slope	0.52 %	SECTION:	
Sidewalk width	5.0 ft		
Curb height	6 in		
Median width	0.0 ft		
Rt back of walk	100.0 %		
Lt back of walk	100.0 %	Cross Slope	2.0 %
		Gutter Depression	2.0 in
		Depth - Velocity Product	8.67
		Manning's n	0.016

LAKE MEAD BOULEVARD-100 YEAR FLOW







- LEGEND**
- (D) DRAINAGE BASIN
 - DIRECTION OF FLOW
 - LIMITS OF EXISTING DETAILED STUDY - ZONE AO
 - - - LIMITS OF REVISED ZONE AO



NATIONAL FLOOD INSURANCE PROGRAM

FEMA NATIONAL SERVICE PROVIDER

August 28, 2006

Ms. Barbara M. Brown, P.E.
Senior Project Engineer
The Louis Berger Group, Inc.
500 Amigo Court, Suite 100
Las Vegas, NV 89119

IN REPLY REFER TO:

Case No.: 06-09-BD09P

Community: City of Las Vegas, NV

Community No.: 325276

02:14 PM 5-SEP-2006
R F C D

Dear Ms. Brown:

This responds to your request dated July 18, 2006, that the Department of Homeland Security's Federal Emergency Management Agency (FEMA) issue a revision to the Flood Insurance Rate Map (FIRM) for Clark County, Nevada and Incorporated Areas. Pertinent information about the request is listed below.

Identifier:

34 Lots on the South Side of Lake Mead
Boulevard

Flooding Source:

Unnamed Tributary to Las Vegas Wash

FIRM Panel(s) Affected:

32003C2160 E

Because this request involves the removal from the Special Flood Hazard Area of multiple lots that have been elevated by fill, without involving changes to the Base Flood Elevations, the request should be processed as a Letter of Map Revision Based on Fill (LOMR-F). As a result, we have determined that we cannot continue processing this request at this time, and we have closed the above-referenced case.

To assist you to prepare your request for a LOMR-F, we are enclosing a copy of the required application/certification forms. Instructions are provided that explain how to fill out the forms and where to submit them. Upon receipt of the appropriate technical data, completed forms, and fee, we will assign a new case number for processing your request.

FEMA uses detailed application/certification forms for requests for revisions or amendments to National Flood Insurance Program (NFIP) maps. The forms provide step-by-step instructions for requesters to follow and are comprehensive, to ensure that the requesters' submissions are complete and more logically structured. Therefore, we can complete our review more quickly and at lower cost to the NFIP. While completing the forms may seem burdensome, the advantages to the requesters outweigh any inconvenience.

The NFIP is primarily funded by policyholders. To minimize the financial burden on our policyholders, FEMA has implemented a procedure to recover costs associated with reviewing and processing requests for modifications to published flood information and maps. A copy of the notice summarizing the current fee schedule, which was published in the *Federal Register*, is enclosed for your information. In

accordance with this schedule, the fee for your request is \$800 and must be submitted before we can begin processing your request. Payment of this fee must be made in the form of a check or money order, made payable in U.S. funds to the National Flood Insurance Program (NFIP), or a credit card payment.

Payment must be forwarded to one of the addresses listed below.

Using U.S. Postal Service:

Federal Emergency Management Agency
Fee-Charge System Administrator
P.O. Box 22787
Alexandria, VA 22304

Using overnight service:

FEMA Fee-Charge System Administrator
c/o Michael Baker Jr., Inc.
3601 Eisenhower Avenue
Alexandria, VA 22304

If you have any questions concerning FEMA policy or the NFIP in general, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by mail addressed to the LOMA

~~Manager, FEMA LOMA Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304-6439.~~

Sincerely,



Sheila M. Norlin, CFM
National LOMC Manager
Michael Baker Jr., Inc.

Enclosures

cc: Mr. Randy Fultz, P.E., CFM
Assistant City Engineer
City of Las Vegas

Mr. Kevin Bubanks, P.E., CFM
Assistant General Manager
Clark County Regional Flood Control District

THE Louis Berger Group, INC.

APPENDIX D

Assessor's Parcel Map
Pertinent sheets from Lake Mead Boulevard design drawings
Plat maps for the subject residential lots
Benchmark conversion calculations

NOTES

This map is for assessment use only and does NOT represent a survey. No liability is assumed for the accuracy of the data delineated herein. Information on roads and other non-assessed parcels may be obtained from the Road Document Listing in the Assessor's Office.

This map is compiled from official records, including surveys and deeds, but only contains the information required for assessment. See the recorded documents for more detailed legal information.

USE THIS SCALE(Feet) WHEN MAP REDUCED FROM 11X17 ORIGINAL

AVERAGE
QA VALUE
35

MAP LEGEND

PARCEL BOUNDARY
SUBD BOUNDARY
ROAD EASEMENT
PM/LD BOUNDARY
NON-PARCEL LOT LINE
MATCH LINE / LEADER LINE
ROAD ID NUMBER

001
1.00
202
20 25 45
5
5
GL5

PARCEL NUMBER
ACREAGE
PARCEL SUB/SEQ NUMBER
PLAT RECORDING NUMBER
BLOCK NUMBER
LOT NUMBER
GOV. LOT NUMBER

ASSESSOR'S PARCELS - CLARK CO., NV.
M. W. Schofield, Assessor

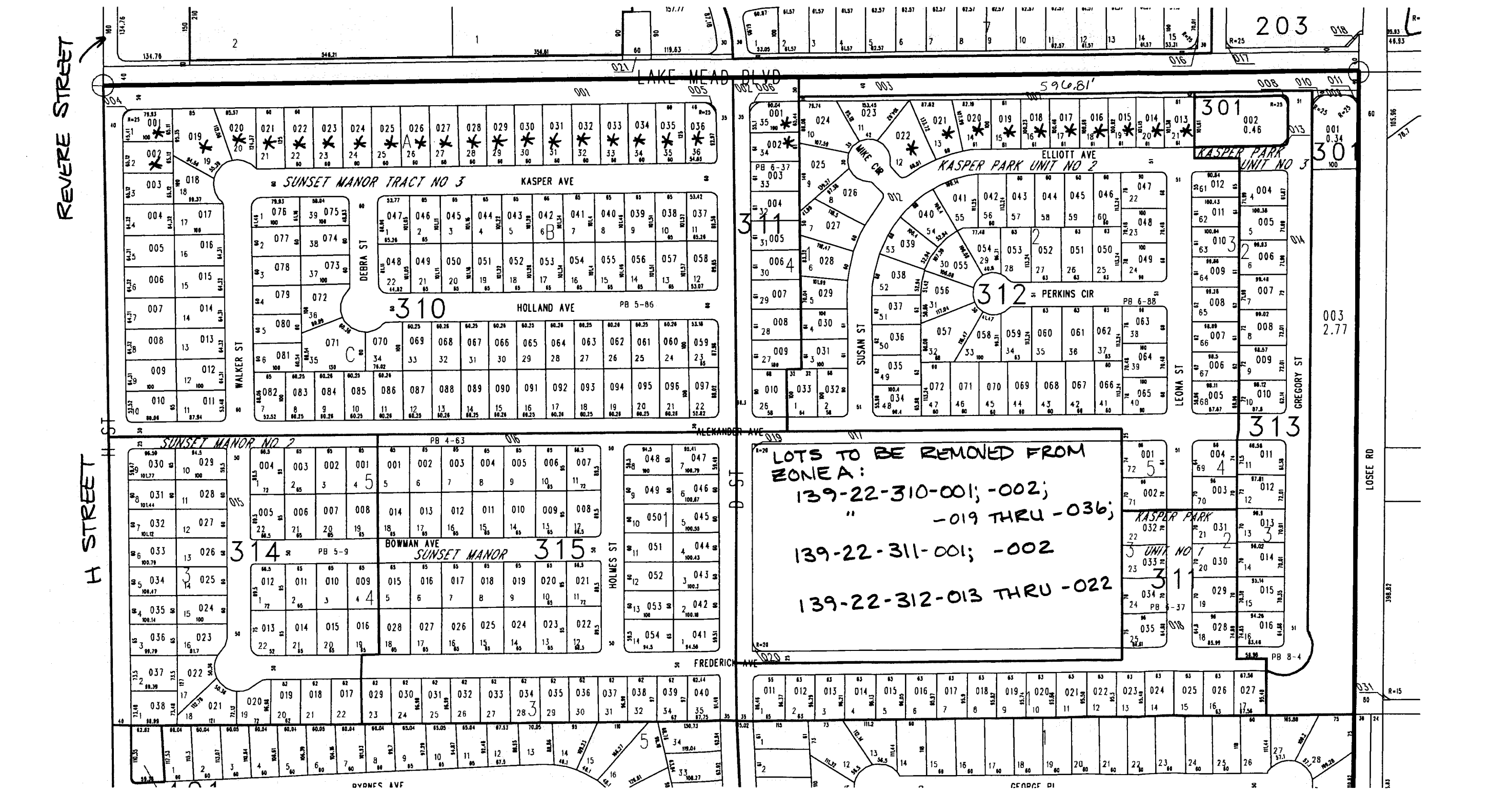
T20S R61E
R60E R61E R62E
T19S 125 124 123
T20S 138 139 140
125 163 162 161

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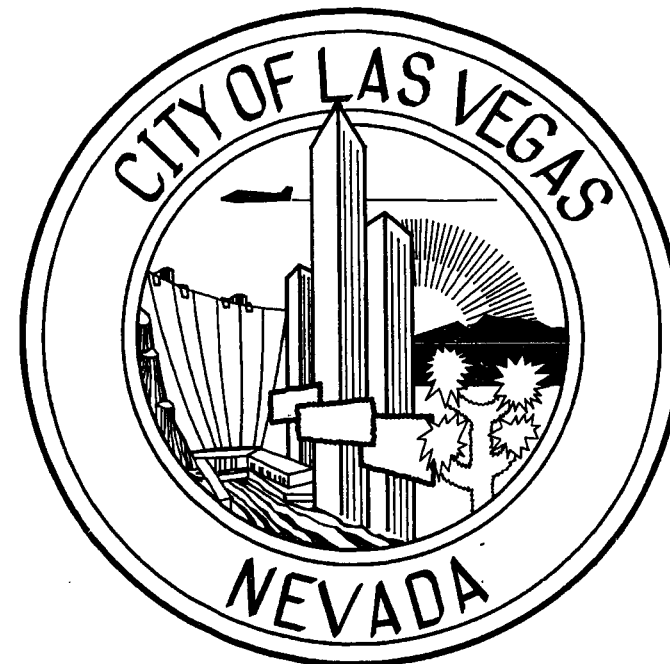
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139-22-3

Scale: 1"=200' Rev: 02/11/03



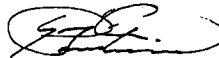
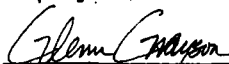
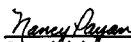
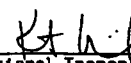




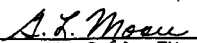
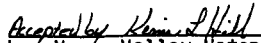
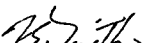

DEPARTMENT OF PUBLIC WORKS



LAKE MEAD BOULEVARD

FUNDED BY: 1987 CLARK COUNTY BOND ISSUE
CITY of LAS VEGAS S.I.D.# 492
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITY of LAS VEGAS

APPROVALS

	4-17-90
City Engineer	Date
	4-19-90
Traffic Engineer	Date
Chief of Quality Control	Date
	2/2/90
Special Improvement Districts	Date
	4/12/90
Regional Transportation Commission	Date
	10/8/90
Clark County Dept. of Public Works	Date
	1/2/90
City of North Las Vegas	Date
	1/12/90
C.C. Regional Flood Control District	Date
	11-2-89
Central Telephone Company	Date
	11-7-89
Community Cable TV, Inc.	Date
	11/30/89
Las Vegas Valley Water District	Date
	11/2/89
Nevada Power Company	Date
	1/17/90
Southwest Gas Company	Date

Mayor:
RON LURIE

Councilmen:
BOB NOLEN
STEVE MILLER
ARNIE ADAMSEN
SCOTT HIGGINSON

City Manager:
ASHLEY HALL

Director of Public Works:
RICHARD D. GOECKE

City Engineer:
GARY A. PRESSWOOD, P.E.

ENGINEERING DESIGN DIVISION
BID NO. 91.1715.14

TONOPAH TO INTERSTATE 15

Nov. 1, 1989

DWG. No.
107-V1607

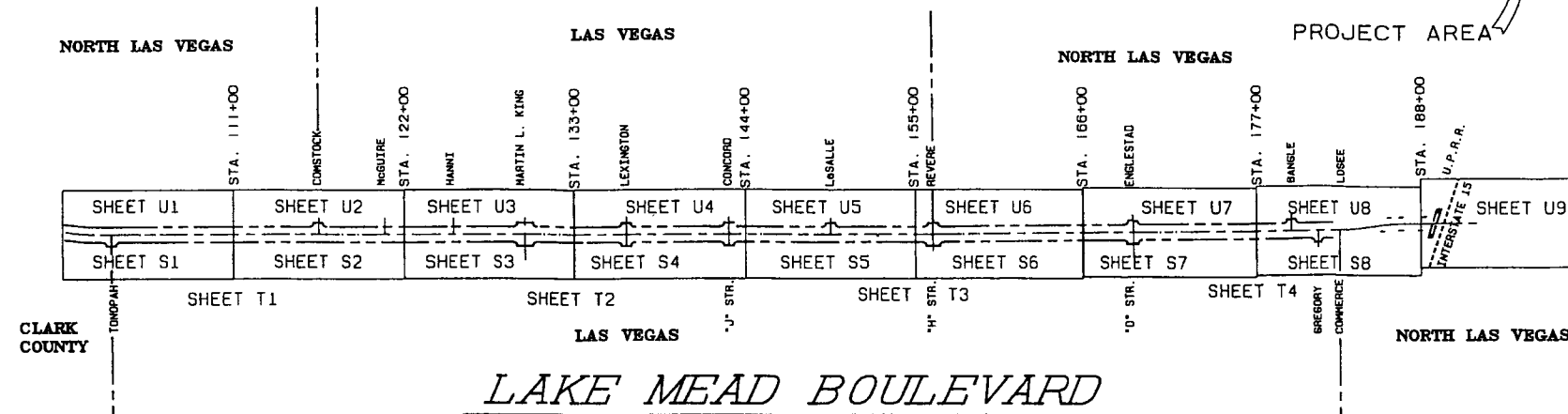
1 of 29

9.3-171

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CLARK COUNTY "UNIFORM STANDARD SPECIFICATION OR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, 1986", UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS, OR DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND THE CITY OF LAS VEGAS 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM INFORMATION RECEIVED FROM THE APPLICABLE UTILITY COMPANIES. NEITHER THE CITY OF LAS VEGAS, NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN, OR NOT IN THE LOCATION SHOWN ON THE DRAWINGS. THE CONTRACTORS RESPONSIBILITY REGARDING UTILITIES SHALL BE AS STATED IN SECTION 107.17 & OTHER APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS, WHICH ARE TO REMAIN IN PLACE. ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BACKFILL AND FINE GRADE ALL CUT OR FILL SLOPES TO MATCH EXISTING CONDITIONS TO THE SATISFACTION OF THE ENGINEER.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "WORKZONE TRAFFIC CONTROL HANDBOOK, 1985", PUBLISHED BY THE STATE OF NEVADA, DEPARTMENT OF TRANSPORTATION, AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 1988", PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT SPECIFICATIONS OR REQUIRED BY THE ENGINEER.
- REMOVAL OR RELOCATION OF POWER POLES, TELEPHONE POLES, JOINTLY-OWNED POLES AND APPURTENANCES WHICH INTERFERE WITH IMPROVEMENTS REQUIRED TO BE CONSTRUCTED UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE UTILITY COMPANY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL LAS VEGAS VALLEY WATER DISTRICT FACILITIES THAT HAVE BEEN PROPERLY INSTALLED, SEE NOTE 2 ABOVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL EXISTING WATER VALVE BOXES AND SEWER MANHOLES TO THE FINISHED GRADES IN ACCORDANCE WITH STANDARD DRAWING NO. 408 AND NO. 517.
- STORM DRAINS SHOWN ON THESE PLANS AS 54", 60", 66" AND 72" RCP MAY BE BID AS RCP OR CSP, STORM DRAIN SHOWN AS 43"x68" HORIZONTAL ELLIPTICAL RCP SHALL BE RCP ONLY, SEE SPECIFICATIONS.
- THE SOUTHWEST GAS COMPANY SHALL BE RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL GAS LINES AND APPURTENANCES WHICH INTERFERE WITH IMPROVEMENTS SHOWN ON THE CONTRACT DRAWINGS.
- EXISTING GROUND SURFACES SHOWN ON PROFILE DRAWINGS ARE ALONG THE STREET CENTERLINE AND ALONG THE TOP BACK OF CURB LINE.
- ALL STATIONING IS ALONG CENTERLINE OF STREETS.
- "STANDARD DRAWINGS" ARE THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, 1986, UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE DRAWINGS, OR OTHERWISE DIRECTED BY THE ENGINEER.
- ALL EXISTING ASPHALT WITHIN LIMITS OF CONSTRUCTION IS TO BE REMOVED, EXCEPT AS SHOWN ON THE DRAWINGS.
- ALL STREETLIGHTING INSTALLATIONS SHALL CONFORM TO THE LATEST ISSUE OF THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, 1986, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ALL EXISTING WATER METERS TO BACK OF CURB AND ADJUST TO FINISH GRADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ANY EXISTING TRAFFIC SIGNS THAT INTERFERE WITH THE PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

SHEET INDEX



- SHEET 1 COVER SHEET
- SHEET 2 GENERAL NOTES AND SHEET INDEX
- SHEET S1 - S8 STREET PLAN AND PROFILE
- SHEET S9 TYPICAL SECTIONS & DETAILS
- SHEET U1 - U9 STORM DRAIN PLAN & PROFILE
- SHEET U10 - U11 STRUCTURE @ STA. 189+47.46
REVISED SHEET U10 - SUPERCEDES SHEET U10
- SHEET T1 - T4 TRAFFIC & STREET LIGHT PLANS
- SHEET T5 - T7 TRAFFIC SIGNAL PLANS

BENCHMARK

A 2"X 2" ALUMINUM PLATE IN THE TOP OF THE CURB RETURN AT THE NORTHEAST CORNER OF STACEY AND WINWOOD, NORTH OF LAKE MEAD BOULEVARD, B.M. #0602488, CITY OF LAS VEGAS, ELEV.=2243.30

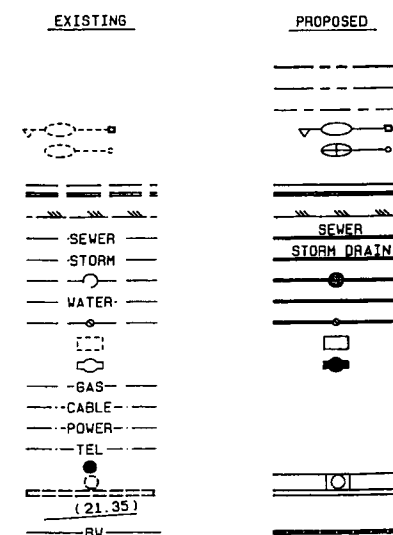
BASIS OF BEARING

THE WEST 1/2 MILE OF THE E-W 1/4 SECTION LINE OF SECTION 23, T.20S., R.60E., BEARS S89°13'45"E AS PER SURVEY RECORDED IN FILE 35, PAGE 87 OF THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE.

ABBREVIATIONS

AC	ASPHALT CONCRETE	MIN	MINIMUM
AGG.	AGGREGATE	MVC	MIDDLE VERTICAL CURVE
BC	BACK OF CURB	PC	POINT OF CURVE
BCR	BACK OF CURB RETURN	PCC	PORTLAND CEMENT CONCRETE
BVC	BEGIN VERTICAL CURVE	PP	POWER POLE
C&G	CURB AND GUTTER	PT	POINT OF TANGENT
CL	CENTERLINE	PVC	POLYVINYL CHLORIDE
CL	CLASS	PM	PAVEMENT
CONC.	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CONSTR.	CONSTRUCTION	RCB	REINFORCED CONCRETE BOX
DIA.	DIAMETER	RCP	REINFORCED CONCRETE PIPE
D.I.	DROP INLET	RP	RADIUS POINT
ESMNT.	EASEMENT	R/W	RIGHT OF WAY
EVC	END VERTICAL CURVE	S	SLOPE
EXIST.	EXISTING	SD	STORM DRAIN
EX.	EXISTING	SS	SANITARY SEWER
FG	FINISH GRADE	ST.	STREET
FL	FLOW LINE	STA.	STATION
GB	GRADE BREAK	S/W	SIDEWALK
HGL	HYDRAULIC GRADE LINE	T	TELEPHONE
ISL.	ISLAND	TC	TOP OF CURB
INV.	INVERT	TEMP.	TEMPORARY
LF	LINEAR FEET	TRANS.	TRANSITION
LT	LEFT OR LIGHT	VG	VALLEY GUTTER
MH	MANHOLE	L.P.T.	ANGLE POINT
ID	INSIDE DIAMETER	NDOT.	NEVADA DEPARTMENT OF TRANSPORTATION
		CSP	CORRUGATED STEEL PIPE

LEGEND



NOTE: LOCATION OF RESIDENTIAL DRIVEWAYS WILL BE PROVIDED BY ENGINEER PRIOR TO CONSTRUCTION.

RIGHT OF WAY, R/W
SECTION LINE, CONSTRUCTION EASEMENT
CENTERLINE
TYPE XX POLE W/ SIGNAL ARM
250 V HPS STREET LIGHT

CURB, BUTTER AND SIDEWALK
EDGE OF PAVEMENT
SANITARY SEWER
STORM SEWER
MANHOLE
WATER
VALVE
WATER METER
FIRE HYDRANT
GAS
UNDERGROUND CABLE TELEVISION
UNDERGROUND POWER
UNDERGROUND TELEPHONE
UTILITY POLE
DROP INLET
EXIST. GRADE
BLOCK WALL

GENERAL NOTES
AND SHEET INDEX

LAKE MEAD BOULEVARD
TONOPAH TO INTERSTATE 15

NO. 3881
BY D.L.A.
DATE 11/1/89
SCALE

SHEET
2
OF 29 SHEETS

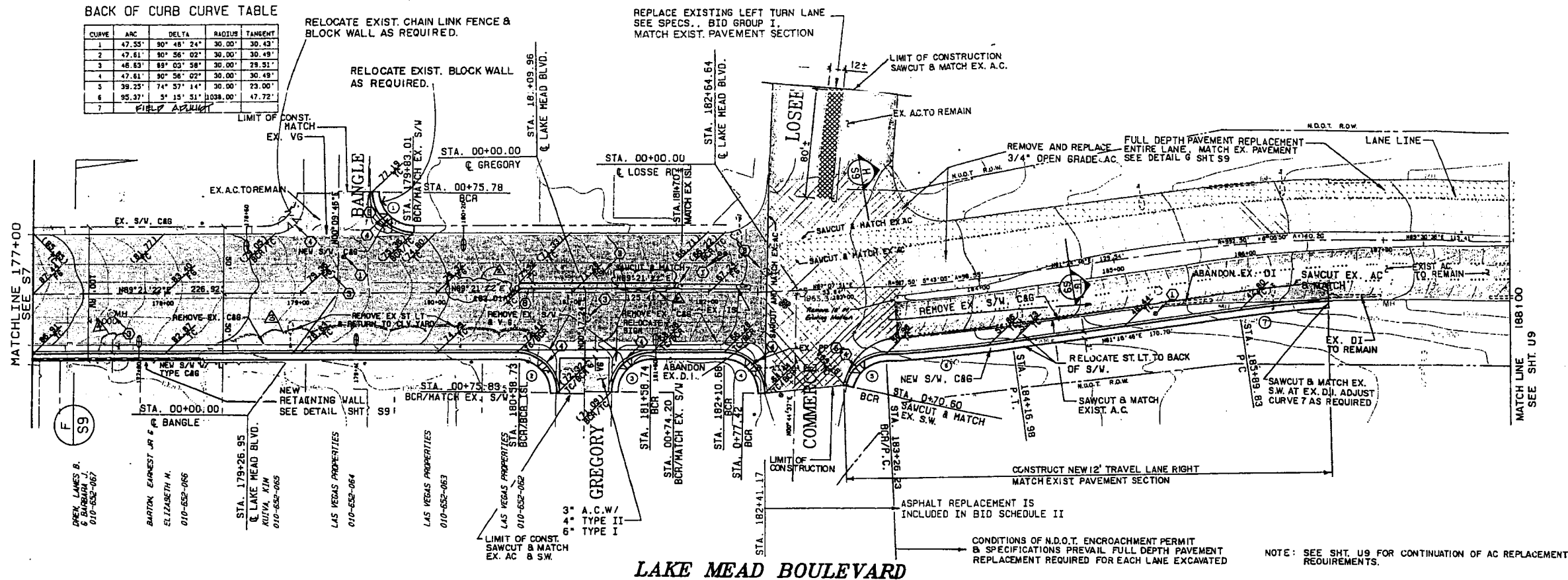
CITY OF LAS VEGAS
LAS VEGAS, NEVADA

CONSULTING ENGINEERS - PLANNERS
2300 PASSED DEL PRADO BUILDING 4, SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550

vtm nevada

BACK OF CURB CURVE TABLE

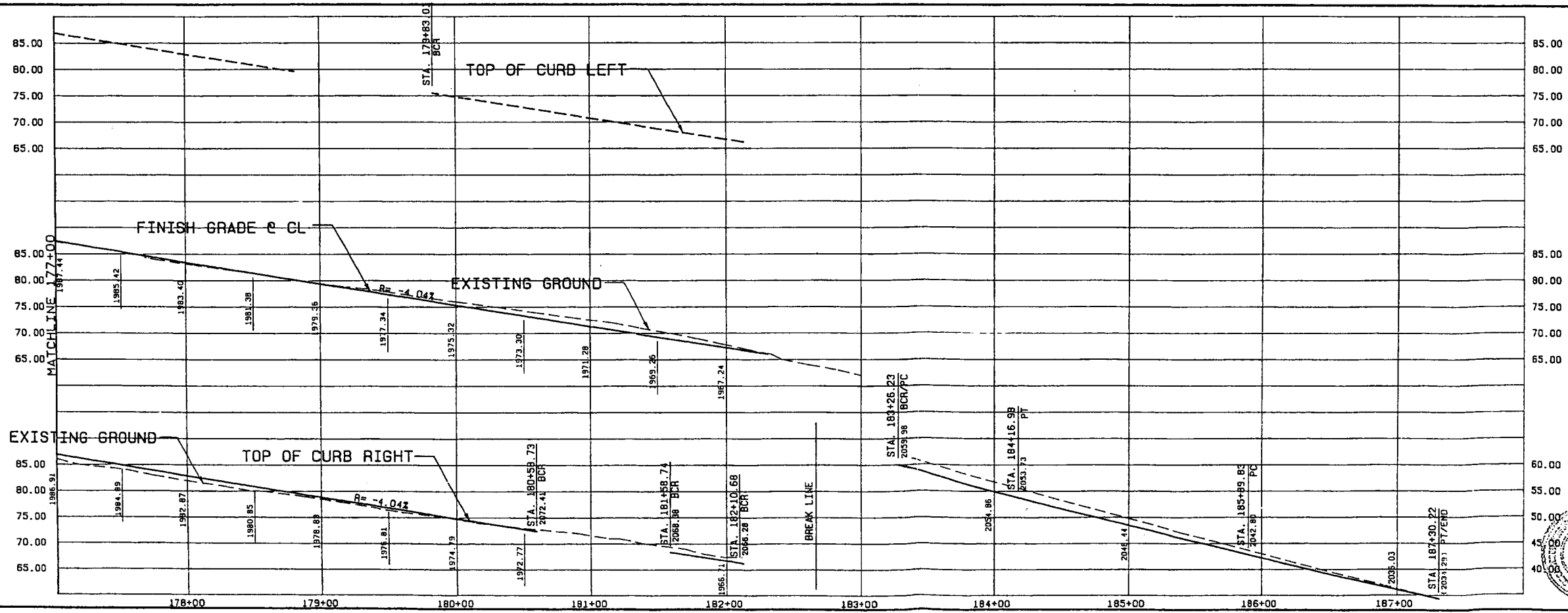
CURVE	ARC	DELTA	RADIUS	TANGENT
1	47.55'	90° 48' 24"	30.00'	30.43'
2	47.61'	90° 56' 02"	30.00'	30.49'
3	48.83'	89° 03' 58"	30.00'	29.51'
4	47.61'	90° 56' 02"	30.00'	30.49'
5	39.25'	74° 57' 14"	30.00'	23.00'
6	95.37'	3° 15' 31"	1038.00'	47.72'
7				



CITY OF LAS VEGAS		REVISION	
NO.	DATE	BY	DESCRIPTION
1	2-13-91	MTS	REV. STREET WIDTH - 11' BCR TO 11' BCR
2	2-13-91	MTS	REV. SIDEWALK WALL
3	2-13-91	MTS	REV. SIDEWALK
4	2-13-91	MTS	REV. SIDEWALK

CONSULTING ENGINEERS - PLANNERS
2300 PASO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550

vtm nevada



STA. 177+00 TO STA. 188+00
STREET PLAN AND PROFILE

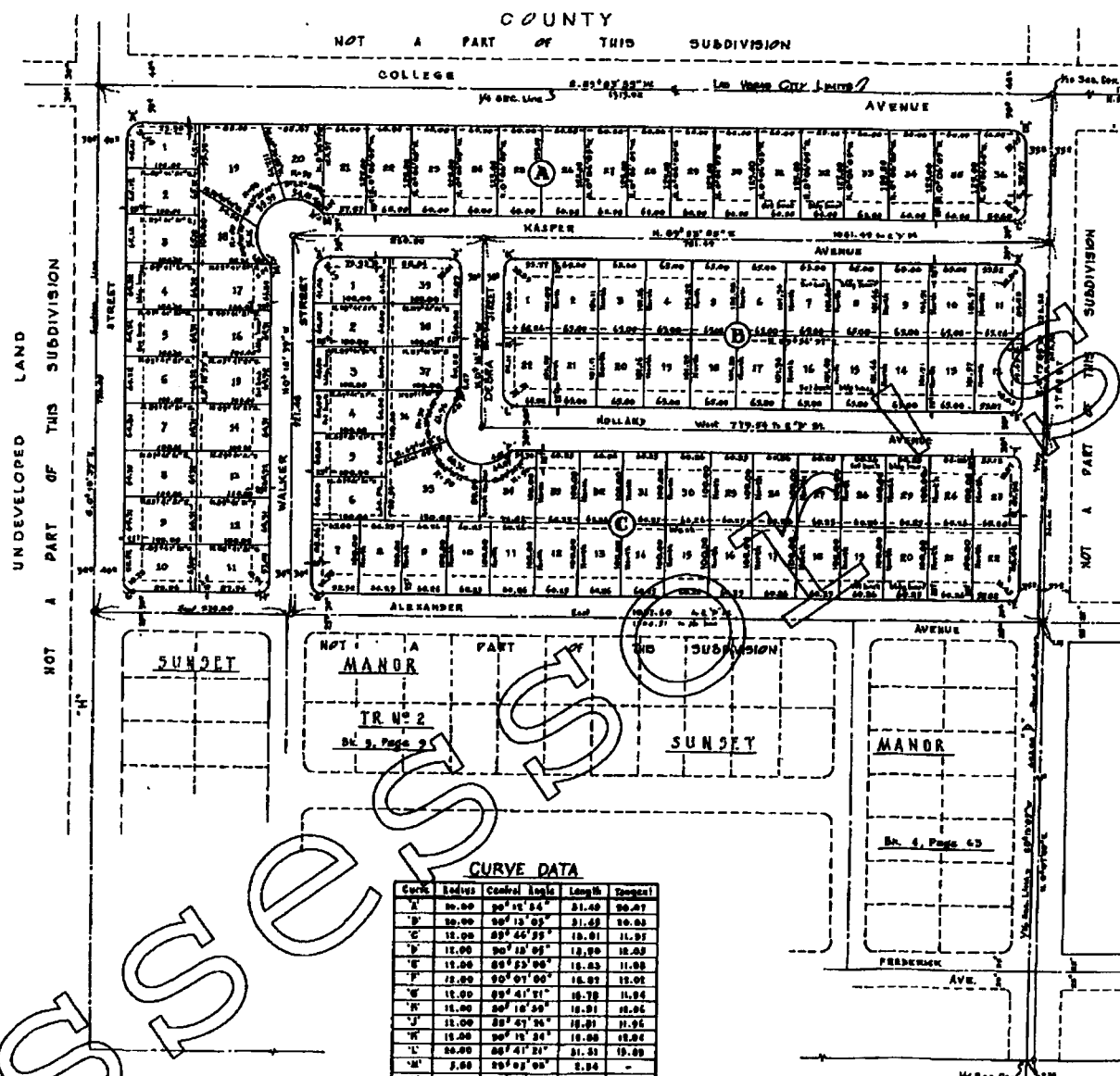
LAKE MEAD BOULEVARD
TONOPAH TO INTERSTATE 15

NO. 3861
BY D.L.A.
DATE 11/1/89
SCALE HORIZ. 1"=40'
VERT. 1"=10'

S8
29 SHEETS

SUNSET MANOR - TR. N° 3

POR. NW¼ SW¼ SEC. 22, T20S, R61E, MDB&M.
CITY OF LAS VEGAS CLARK COUNTY, NEVADA



CURVE DATA

Curve	Radius	Central Angle	Length	Offset
1	20.00	90° 15' 54"	31.40	20.00
2	20.00	90° 15' 54"	31.40	20.00
3	20.00	90° 15' 54"	31.40	20.00
4	20.00	90° 15' 54"	31.40	20.00
5	20.00	90° 15' 54"	31.40	20.00
6	20.00	90° 15' 54"	31.40	20.00
7	20.00	90° 15' 54"	31.40	20.00
8	20.00	90° 15' 54"	31.40	20.00
9	20.00	90° 15' 54"	31.40	20.00
10	20.00	90° 15' 54"	31.40	20.00
11	20.00	90° 15' 54"	31.40	20.00
12	20.00	90° 15' 54"	31.40	20.00
13	20.00	90° 15' 54"	31.40	20.00
14	20.00	90° 15' 54"	31.40	20.00
15	20.00	90° 15' 54"	31.40	20.00
16	20.00	90° 15' 54"	31.40	20.00
17	20.00	90° 15' 54"	31.40	20.00
18	20.00	90° 15' 54"	31.40	20.00
19	20.00	90° 15' 54"	31.40	20.00
20	20.00	90° 15' 54"	31.40	20.00

ENGINEER'S CERTIFICATE:

I, Jack Lohr, a duly registered Civil Engineer and Land Surveyor in the State of Nevada, do hereby certify that this map is a true and accurate plot of the land surveyed under my direction and supervision of the instance of Sunset Manor and Sunset Realty, owners of said tract and land, and that the location of said Lots, Blocks and Streets have been definitely established and perpetuated in strict accordance with the law as shown hereon and are situated wholly within the Northwest Quarter (NW¼) of the Southwest Quarter (SW¼) of Section 22, Township 20 South, Range 61 East, Mount Diablo Base Meridian, Nevada, and more particularly described as follows: Beginning at the Northeast corner of the said NW¼ of the SW¼ of Section 22; thence South 89°53'53" west along the North line thereof a distance of 715.00 feet to the Northwest corner of the said NW¼ of the SW¼, Sec. 22; thence South 89°53'53" west along the West line thereof a distance of 724.00 feet to the Northwest corner of Sunset Manor, Tr. N° 2, recorded in Book 5, of Plats, page 5, Clark County, Nevada; thence East along the North line of the lot mentioned Tract and continuing East along the North line of Sunset Manor Tract, recorded in Book 4 of Plats, page 63, Clark County, Nevada, a total distance of 1346.32 feet to a point on the East line of the said NW¼ of SW¼, Sec. 22; thence North 0°17'05" East along the East line of the said NW¼ of SW¼, Sec. 22 to the point of beginning. The survey was completed on 11/11/1960.

Jack Lohr
Registered Civil Engineer and
Land Surveyor, Nevada # 705

SEAL
APPROVED

CITY ENGINEER'S CERTIFICATE:

I, R. P. Danner, City Engineer for the City of Las Vegas, Nevada, do hereby certify that I have examined the final map of SUNSET MANOR TR. N° 3, that the subdivision as shown hereon is substantially the same as it appeared on the tentative map, and that I have approved the same, that the same is in accordance with the Planning and Zoning Act of the City of Las Vegas, Nevada, and that I am satisfied the map is technically correct.

April 6, 1961
Date

R. P. Danner
City Engineer CL 90

SEAL
APPROVED

OWNER'S DECLARATION:

PALOMAR ASSOCIATES, a partnership and successors in interest, do hereby declare that the map of Sunset Manor and Sunset Realty, Nevada, do hereby certify that it is the same as it appeared on the tentative map, and that the same is in accordance with the Planning and Zoning Act of the City of Las Vegas, Nevada, and that I am satisfied the map is technically correct.

Palomar Associates
Partners

Robert P. Black
Partner

ACKNOWLEDGEMENT: I, the undersigned, do hereby certify that I am the owner of the land described in the map of Sunset Manor and Sunset Realty, Nevada, and that I am satisfied the map is technically correct.

My Commission Expires:
September 26, 1962

Charles H. Danner
Notary Public in and for
said County and State

SEAL
APPROVED

APPROVED:

In conformity with the tentative map, approved this 27th day of December, 1960, by the City Planning Commission of the City of Las Vegas, Clark County, Nevada.

James P. Black
Secretary

APPROVAL:

Approved this 6th day of April, 1961, by the City Commission of the City of Las Vegas, Clark County, Nevada.

Attest: Charles H. Danner
City Clerk

Charles H. Danner
Mayor

SEAL
APPROVED

NOTE:

The bearing for this survey is South 0°17'05" West along the West line of the Northwest Quarter of the Southwest Quarter of Section 22, Township 20 South, Range 61 East, Mount Diablo Base Meridian, Nevada, as shown by map of Sunset Manor recorded in Book 4 of Plats, page 63, Clark County Nevada records.

LEGEND:

• Indicates concrete monuments found
• Set 6" of concrete monuments
• 1/4" = 1' Wholly enclose 1/4" each side of property line

SCALE: 1" = 100'

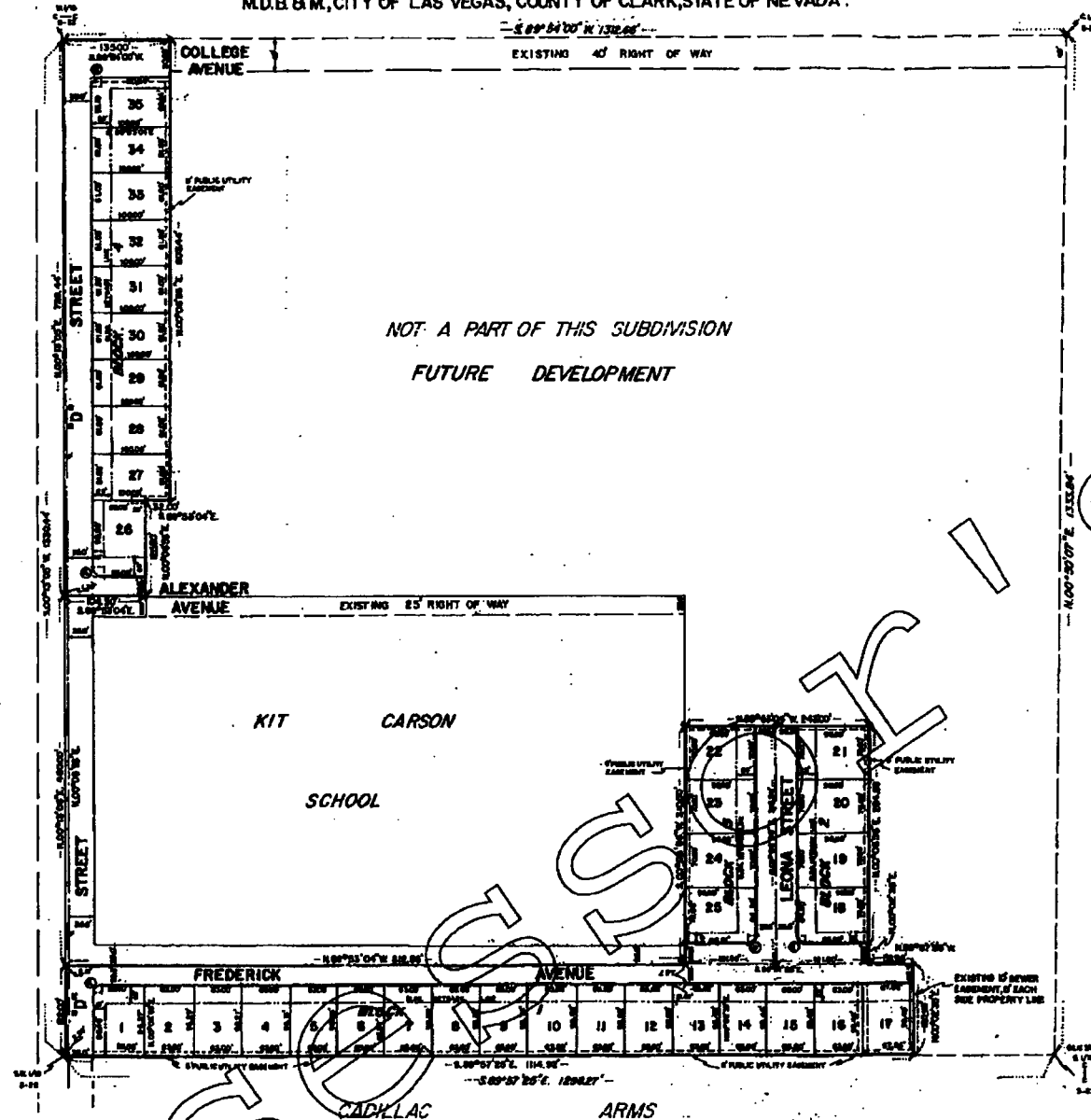
No. 198565
FILED & RECORDED AT THE REQUEST OF
PALOMAR ASSOCIATES
DATE 5-4-61 TIME 3:28 P.M.
BOOK 5 PAGE 66
CLARK COUNTY, NEVADA
RECORDS
PAUL C. O'MALLEY, RECORDER
FEB. 24 1961 INDEXED P.M.

KASPER PARK UNIT No 1

BEING A PORTION OF THE N.E. 1/4 OF THE SW 1/4 OF SEC. 22, T.20 S., R.61 E.,
M.D.B. & M., CITY OF LAS VEGAS, COUNTY OF CLARK, STATE OF NEVADA.

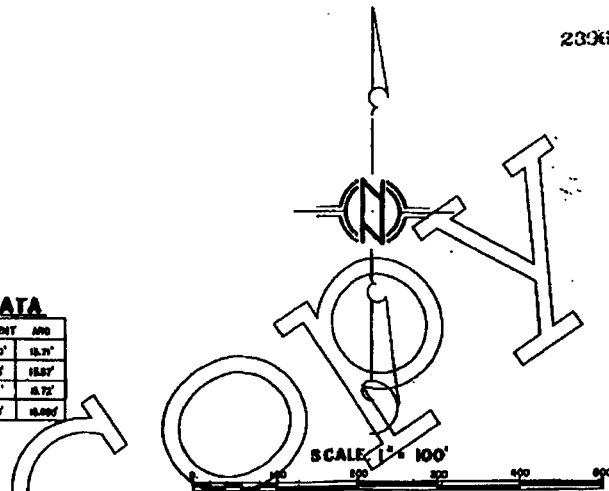
233660

SUNSET MANOR TR. No 3
NOT A PART OF THIS SUBDIVISION



NOT A PART OF THIS SUBDIVISION
FUTURE DEVELOPMENT

CURVE	DATA
1	80°00'00" 1000' 10.00' 15.71'
2	80°45'04" 1000' 9.94' 15.87'
3	100°04'51" 1000' 10.01' 15.72'
4	80°45'04" 1000' 9.94' 15.87'



NOTE

BASE OF BEARING: (S. 80°13'00" W.) WEST LINE OF THE
NORTHEAST 1/4 OF THE SOUTHWEST 1/4 SEC. 22, T.20 S.,
R.61 E., SHOWN ON RECORDED PLAT OF SUNSET
MANOR TR. No 3, BOOK 5 OF PLATS, PAGE 86, CLARK COUNTY
RECORDS' OFFICE, CLARK COUNTY, NEVADA.

LEGEND

- INDICATES CURVE DATA
- INDICATES FOUND CONCRETE MONUMENT
- INDICATES SET CONCRETE MONUMENT
- INDICATES PUBLIC UTILITY EASEMENT, EACH
SIDE OF PROPERTY LINE.
- INDICATES 5' PUBLIC UTILITY EASEMENT.

ENGINEER'S CERTIFICATE

I, L. E. TYSON, A DULY REGISTERED PROFESSIONAL ENGINEER AND LICENSED
LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS PLAT IS A TRUE AND ACCURATE
MAP OF THE LAND SURVEYED BY ME OR UNDER MY DIRECT SUPERVISION AT THE
INSTANCES OF PALOMAR ASSOCIATES AND Laid Out Into Lots, Blocks, Streets and
EASEMENTS: AS SHOWN THAT THE LOCATIONS OF SAID LOTS, BLOCKS, STREETS
AND EASEMENTS: HAVE BEEN DEFINITELY ESTABLISHED AND PERPETUATED IN
STRICT ACCORDANCE WITH THE LAW AND AS SHOWN HEREON; THAT SAID LOTS, BLOCKS,
STREETS AND EASEMENTS: ARE SITUATED WHOLLY WITHIN THE NORTHEAST 1/4 OF THE
SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 20 SOUTH, RANGE 61 EAST, MOUNT Diablo BASE
AND MERIDIAN, IN THE CITY OF LAS VEGAS, COUNTY OF CLARK, STATE OF NEVADA,
AND FURTHER DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER
OF SAID SECTION 22, SAID POINT BEING THE TRUE POINT OF BEGINNING; THENCE
S. 80°13'00" E. ALONG THE SOUTH LINE OF THE N.E. 1/4 OF THE SW 1/4 A DISTANCE OF
114.84 FEET TO A POINT; THENCE N. 00°00'30" E. A DISTANCE OF 180.88 FEET TO
A POINT; THENCE N. 80°45'25" W. A DISTANCE OF 98.38 FEET TO A POINT; THENCE
N. 00°00'30" E. A DISTANCE OF 1530 FEET TO A POINT; THENCE N. 00°00'30" E. A
DISTANCE OF 20.48 FEET TO A POINT; THENCE N. 80°45'04" W. A DISTANCE OF
240.00 FEET TO A POINT; THENCE S. 00°00'00" W. A DISTANCE OF 310.50 FEET TO A
POINT; THENCE N. 80°45'04" W. A DISTANCE OF 94.88 FEET TO A POINT ON THE WEST
LINE OF THE N.E. 1/4 OF THE SW 1/4 OF SAID SECTION 22; THENCE N. 00°00'30" E. ALONG
SAID WEST LINE A DISTANCE OF 480.00 FEET TO A POINT; THENCE S. 80°45'04" E. A
DISTANCE OF 104.30 FEET TO A POINT; THENCE N. 00°00'30" E. A DISTANCE OF 185.80
FEET TO A POINT; THENCE S. 80°45'04" E. A DISTANCE OF 32.00 FEET TO A POINT;
THENCE N. 00°00'30" E. A DISTANCE OF 605.44 FEET TO A POINT ON THE NORTH
LINE OF THE N.E. 1/4 OF THE SW 1/4 OF SAID SECTION 22; THENCE S. 80°45'04" W.
ALONG SAID NORTH LINE A DISTANCE OF 1350.00 FEET TO A POINT, SAID POINT BEING
THE NORTHWEST CORNER OF THE N.E. 1/4 OF THE SW 1/4 OF SAID SECTION 22; THENCE
S. 00°13'00" W. ALONG THE WEST LINE OF THE N.E. 1/4 OF THE SW 1/4 OF SAID SECTION 22,
A DISTANCE OF 130.44 FEET TO A POINT, SAID POINT BEING THE TRUE POINT OF
BEGINNING. THIS SURVEY WAS COMPLETED ON THE 31st DAY OF JANUARY, 1961
AND IS TRUE AND COMPLETE AS SHOWN.

REG. PROF. CIVIL ENGINEER & LAND SURVEYOR NEV. No. 1461
APPROVED

CITY ENGINEER'S CERTIFICATE

I, R. R. BAUER, CITY ENGINEER OF THE CITY OF LAS VEGAS, NEVADA,
DO HEREBY CERTIFY THAT I HAVE EXAMINED THE FINAL MAP OF KASPER
PARK UNIT No 1, THAT THE SUBDIVISION AS SHOWN THEREON IS SUB-
STANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP AND ANY
APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE PLANNING
AND ZONING ACT OF THE STATE OF NEVADA AND ANY LOCAL ORDINANCES
APPLICABLE AT THE TIME OF APPROVAL OF THE TENTATIVE MAP HAVE
BEEN COMPLIED WITH, AND THAT I AM SATISFIED THAT THIS MAP IS TECH-
NICALLY CORRECT.

1-26-1961
DATE

APPROVED
CITY ENGINEER R.R. BAUER

OWNER'S CERTIFICATE & DEDICATION

PALOMAR ASSOCIATES, A PARTNERSHIP, DO HEREBY CERTIFY THAT THEY ARE THE OWNERS
OF THE PARCEL OF LAND WHICH IS SHOWN UPON THE MAP OF KASPER PARK UNIT No 1, AND PAR-
TICULARLY DESCRIBED IN THE ENGINEER'S CERTIFICATE, HEREON, AND HAVE CONSENTED AND DO
HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS PLAT, AND DO HEREBY OFFER
AND DEDICATE AS THE STREETS AND PUBLIC UTILITY EASEMENTS AS INDICATED AND OUTLINED
HEREON, FOR THE USE OF THE PUBLIC, NO PART OF THE PARCELS MARKED "NOT A PART OF THIS
SUBDIVISION" IS OFFERED FOR DEDICATION. DATED THIS 31st DAY OF JANUARY, 1961.
PALOMAR ASSOCIATES
CARL L. BLACK, PARTNER
ROBERT L. BLACK, PARTNER

ARMS ACKNOWLEDGEMENT

STATE OF NEVADA ON THIS 31st DAY OF JANUARY, 1961, PERSONALLY
COUNTY OF CLARK APPEARED BEFORE ME, GERALDINE B. TYSON, A NOTARY
PUBLIC IN AND FOR THE COUNTY OF THE COUNTY OF CLARK, STATE OF NEVADA,
CARL L. WHITE, JR. AND ROBERT L. BLACK, KNOWN TO ME TO BE THE PARTNERS
OF THE PARTNERSHIP THAT EXECUTED THE FOREGOING INSTRUMENT AND KNOWN
TO ME TO BE THE PERSONS WHO AFFIXED EACH NAME THEREON AS SUCH PART-
NERS AND THEY ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME FOR AND
ON BEHALF OF SUCH PARTNERSHIP, AND UPON OATH THEY DID DEPOSE AND SAY
THAT THEY ARE THE PARTNERS OF SAID PARTNERSHIP AND THAT EACH SIGNATURE
TO SAID INSTRUMENT WAS MADE BY EACH AS SUCH PARTNERS AND THAT SAID
PARTNERSHIP EXECUTED THE SAID INSTRUMENT AND THAT EACH, ALL AND EVERY
OF SAID ACTS OF EXECUTION WERE FREELY AND VOLUNTARILY DONE FOR THE
USES AND PURPOSES MENTIONED IN SAID INSTRUMENT.

SEAL
APPROVED

Geraldine B. Tyson
NOTARY PUBLIC IN AND FOR CLARK COUNTY & STATE
MY COMMISSION EXPIRES April 30, 1963

IN CONFORMITY WITH THE TENTATIVE MAP, APPROVED THIS 21st DAY OF
JANUARY, 1961, BY THE CITY PLANNING COMMISSION OF THE CITY OF
LAS VEGAS, CLARK COUNTY, NEVADA.

APPROVALS

APPROVED AND ACCEPTED THIS 1st DAY OF February, 1961, BY THE
BOARD OF COMMISSIONERS OF THE CITY OF LAS VEGAS, CLARK COUNTY,
STATE OF NEVADA.

ATTEST: David Dalgarno
Assoc. City Clerk
APPROVED: [Signature]
Mayor Pro Tem

SEAL
APPROVED

NO. 233660
RECORDED AT THE REQUEST OF
Palomar Associates
Date 2-2-61 at 11:56 AM
BOOK 6 PAGE 22
OFFICIAL RECORD, BOOK 6, PAGE 22
CLARK COUNTY, NEVADA, RECORDS
PAUL C. O'MALLEY, RECORDER
Per S. P. [Signature] Deputy

Questions concerning the VERTCON process may be mailed to NGS

Latitude: 36 11 44.5

Longitude: 115 09 06.7

NGVD 29 height: 1999 ft

Datum shift (NAVD 88 minus NGVD 29): 2.031 feet

Converted to NAVD 88 height: 2001.031 feet

CONVERSION OF DATA:

ELEVATIONS ON LAKE MEAD PLANS PLUS 2.031.

-
- 1. Data disk containing electronic files of the following:**
 - a. Effective FEMA FIRM Panel No. 32003C 2160 E in *.pdf format.**
 - b. Photographs of existing conditions**
 - c. Proposed digital floodplain revisions in *.dwg and *.dxf format.**