

DS #: 4796-2

APN: 125-07-201-003

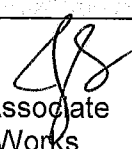
PROJECT: Skye Canyon - Phase 3 Infrastructure - Update #3

SUBMITTAL: (6th)

SCANNED BY/DATE:

CHECKED BY/DATE:



CITY OF LAS VEGAS		DATE:
INTER-OFFICE MEMORANDUM		May 20, 2020
TO: Land Development Services Department of Building & Safety		FROM: Jennifer Shinn, P.E.  Flood Control, Engr. Associate Department of Public Works
SUBJECT:	Drainage Study for:	
	Skye Canyon – Phase 3 Infrastructure – Update #3	
Cross Streets:	NWC of Grand Canyon & Skye Canyon Park	COPIES TO:
File Number:	F:\Depot\DSMemos\DS4796F.doc	Westwood Professional Services
Parcel Number:	125-07-201-003	MF Land / Ninety Five Management
Zoning Action:	MOD-62679; SUP-63594; SUP-63597; SDR-63598; VAR-63963 & GPA-64013	Bart Anderson, P.E., DevCo
FEMA Flood Zone	YES	NO X
Proposed Storm Drain	YES X	NO

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	4/28/2016	5/24/2016 & 6/28/2016	Not Approved	\$400.00	442241: \$400
2 nd Submittal & Supplement	7/21/2016 & 7/25/2016	8/18/2016	Not Approved	\$400.00	452170: \$400
3 rd Submittal	8/31/2016 & 9/16/2016	9/22/2016	Conditional Approval	\$400.00	456806: \$400
4 th Submittal	10/24/2017	11/8/2017	Conditional Approval	\$100.00	490777: \$100
5 th Submittal	1/8/2018	1/17/2018	See Comments Below	N/C	N/C
6 th Submittal	5/6/2020	5/20/2020	Approved	\$100.00	3841284: \$100
			TOTAL FEES (LDDRS):	\$1,400.00	----

REMARKS: Infrastructure necessary for the 38-Acre Commercial Development known as Phase 3.

6th Submittal: Update #3 to release maintenance bond for interim drainage facilities no longer needed

5th Submittal: Update #2 to cancel Update #1 with a minor re-location of a driveway

4th Submittal: Update #1 for RCB Connection Revision

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

X	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.
	is conditionally approved subject to the satisfaction of the following conditions:

1. The **Phase 3 Infrastructure** drainage study addresses the included street improvements of *Grand Canyon Drive*, *Skye Park Drive*, *Street "D"*, a local minor detention basin, culvert crossings and storm drain systems within the perimeter streets.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the City of Las Vegas Flood Control Section. Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the City of Las Vegas reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

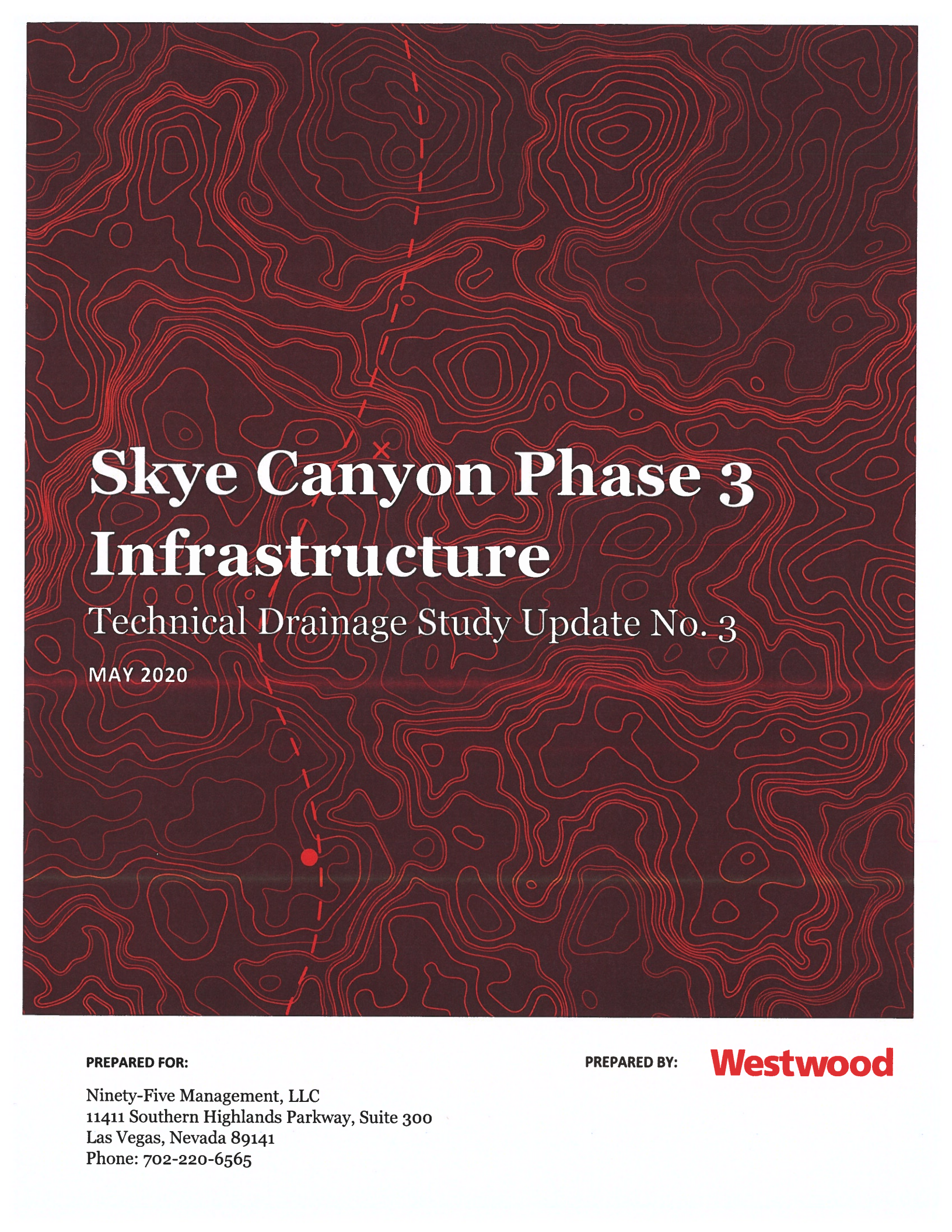
NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see <http://ndep.nv.gov/bwpc/storm01.htm> or call (775) 687-9429.

END OF REMARKS

Ays/jks

T/R/S: T19S/R60E/07

AREA G-07



Skye Canyon Phase 3 Infrastructure

Technical Drainage Study Update No. 3

MAY 2020

PREPARED FOR:

Ninety-Five Management, LLC
11411 Southern Highlands Parkway, Suite 300
Las Vegas, Nevada 89141
Phone: 702-220-6565

PREPARED BY:

Westwood

Skye Canyon Phase 3 Infrastructure

Technical Drainage Study Update No. 3

City of Las Vegas, Nevada

Prepared For:

Ninety-Five Management, LLC
11411 Southern Highlands Parkway
Suite 300
Las Vegas, Nevada 89141
Phone: 702-220-6565
Fax: 702-220-6566

Prepared By:

Westwood Professional Services
5740 S. Arville Street, Suite 216
Las Vegas, NV 89118
Phone: (702) 284-5300
Fax: (702) 284-5399



Project Number: OLY1602.000
Date: May 2020

Lant Leavitt, P.E.
NV Professional Engineer No. 18287

HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL
DRAINAGE STUDY INFORMATION FORM

Name of Development: Skye Canyon – Phase 3 Infrastructure Date: May 1, 2020
Location of Development: a) Descriptive (Cross Streets): North/South: Grand Canyon Drive
East/West: Skye Canyon Park Drive
b) Section: 7 Township: 19 South Range: 60 East
c) APN: 125-07-210-003

Name of Owner/Developer: M F Land, LLC / Ninety-Five Management, LLC
Telephone No.: 702-220-6565 Fax No.: 702-220-6566 E-mail Address: bwilliamson@olympiacompanies.com
Address: 11411 Southern Highlands Parkway, Suite 300; Las Vegas, NV 89141

Contact Person – Name: Lant Leavitt, P.E. Telephone No.: 702-284-5300
*E-mail Address: Lant.Leavitt@westwoodps.com Fax No.: 702-284-5399
Firm: Westwood Professional Services
Address: 5740 S. Arville Street, Suite 216; Las Vegas, NV 89118

Type of Land Development/Land Disturbance Process:

☐ Rezoning	☐ Subdivision Map	☐ Clearing and grading Only
☐ Parcel Map	☐ Planned Unit Development	☒ Other (Please specify below)
☐ Large Parcel Map	☐ Building Permit	☐ Roadway & Storm Drain Infrastructure

1. Total Owned Land Area: At Site: 37.5 Acres Being Developed/Disturbed: 3.4 Acres +/-

2. Is a portion or all of the subject property located in a FEMA Flood Hazard Area? ☐ Yes** ☒ No

3. Is the property bordered or crossed by an existing or proposed Clark County Regional Flood

Control District Master Planned Facility?

☐ Yes** ☒ No

4. Proposed type of development (Residential, Commercial, Etc.): Roadway

5. Approximate upstream land area which drains to the subject site: 1.6 sq. miles +/-

6. Has the site drainage been evaluated in the past? ☒ Yes** ☐ No If yes, please identify documentation: _____

Master Drainage Study for Skye Canyon (SHG, DS4420)

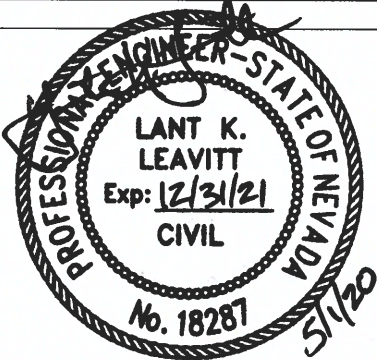
Technical Drainage Study for Skye Canyon Phase 3 Infrastructure (SHG DS4796)

7. If known, please briefly identify the proposed discharge point(s) of runoff from the site: _____

East into ephemeral wash that crosses Grand Canyon approximately 700-ft north of Skye Canyon Park Drive

8. Briefly describe your proposed schedule for the subject project: ASAP. Phase 3 is divided into 2 phases:

Roadways – Infrastructure TDS; Commercial Subdivision – Onsites TDS. Infrastructure is constructed. Onsites are in progress.



Engineer's Seal

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

***Newly Required Field**

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

Revision	Date

Local Entity File No. _____

REFERENCE: **SHG Job No. OLY1602.000**

STANDARD FORM 1

Updated 05/01/2008

OLY1602.000

May 1, 2020

Albert Sung, P.E.
Flood Control Project Engineer
City of Las Vegas Department of Public Works
333 N. Rancho Drive
Las Vegas, NV 89106

**Subject: Technical Drainage Study Update No. 3 for
Skye Canyon Phase 3 Infrastructure
(DS 4796)**

Mr. Sung:

The following update is submitted to provide justification that the maintenance bond for the subject project is no longer necessary due to construction of improvements associated with adjacent development.

Maintenance and liability areas were prepared with the original study to provide for maintenance access to proposed culvert entrances, see original study approval letter and Maintenance & Liability exhibit in Appendix A. Since that time, storm drain improvements have been constructed with the Phase 3 onsite development (Skye Canyon Village) and bonded with the upstream Parcel 2.06 development. These improvements connect adjacent storm drain facilities to the subject study facilities, eliminating the need for maintenance access to culvert entrances. See marked up exhibits for the Phase 3 onsite study and exhibits for Parcel 2.06 in Appendix B. Due to these improvements, the maintenance bond associated with the subject project is no longer needed and can be released.

If you have any questions or require additional information, please contact us at (702) 284-5300.

Respectfully Submitted,
WESTWOOD PROFESSIONAL SERVICES



Lant Leavitt, P.E.,
Flood Control Division

cc: Mark Failla, P.E., CFM
Jerry Slater, P.E.
Joshua Johnson, P.E.

Appendices

Appendix A: Original Study References

- CLV Approval Letter
- Maintenance & Liability Exhibit

Appendix B: Adjacent Study Reference Material

- Phase 3 Onsite (Skye Canyon Village) Improvements
- Parcel 2.06 Onsite Improvements

Appendix C: CD of Electronic Copy

APPENDIX A

ORIGINAL STUDY REFERENCES:

- CLV Approval Letter
- Maintenance & Liability Exhibit

CITY OF LAS VEGAS		DATE:
INTER-OFFICE MEMORANDUM		January 17, 2018
TO: Land Development Services Department of Building & Safety		FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:	Drainage Study for:	COPIES TO:
	Skye Canyon – Phase 3 Infrastructure – Update #2	Slater Hanifan Group
Cross Streets:	NWC of Grand Canyon & Skye Canyon Park	MF Land / Ninety Five Management
File Number:	F:\Depot\DSMemos\DS4796E.doc	Bart Anderson, P.E., DevCo
Parcel Number:	125-07-201-003	
Zoning Action:	MOD-62679; SUP-63594; SUP-63597; SDR-63598; VAR-63963 & GPA-64013	
FEMA Flood Zone	YES	NO X
Proposed Storm Drain	YES X	NO

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TOTAL FEES (LDDRS):				\$1,300.00	

REMARKS: Infrastructure necessary for the 38-Acre Commercial Development known as Phase 3.

5th Submittal: Update #2 to cancel Update #1 with a minor re-location of a driveway

4th Submittal: Update #1 for RCB Connection Revision

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

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

1. The **Phase 3 Infrastructure** drainage study addresses the included street improvements of *Grand Canyon Drive*, *Skye Park Drive*, *Street "D"*, a local minor detention basin, culvert crossings and storm drain systems within the perimeter streets.

2. The proposed local detention basin near concentration point "CPN" is a minor and temporary facility which will be removed by the developer upon the construction of the ultimate upstream *Regional Flood Control* facilities. This detention basin is to be privately owned and privately maintained by the master developer. The developer shall provide maintenance access to the public storm drain outfall and shall provide a public drainage easement, to be privately maintained. The public drainage easement (privately maintained) must be dedicated and recorded prior to the final approval of the improvement plans.
3. The proposed debris/sediment basins at concentration points "CPN" and "CPS" shall be privately owned and privately maintained by the master developer. These facilities are considered to be temporary in nature and the City understands that the future development and the ultimate *Regional Flood Control* facilities will require that these facilities may be removed by the developer upon the City's approval of a Technical Drainage Study that addresses the impacts of those improvements.
4. The proposed culvert crossings at the concentration points "CPN", "CPS" and "WC9" are oversized interim facilities that are not required in the ultimate condition. All drainage facilities proposed in this **Phase 3 Infrastructure Study** are considered interim facilities and must be maintained by the Master Developer until the upstream ultimate facilities are completed and accepted by the *City of Las Vegas*. The *City of Las Vegas* will not maintain the culverts during all interim conditions. Interim facilities will require an Encroachment Agreement for those facilities within public right-of-way.
5. Future development of the site will require storm drain extensions from "CPN" and "CPS" and the corresponding public drainage easements (privately maintained) traversing the *Skye Canyon Village* site. Dedication shall be provided using the mapping process or by separate legal description and must be approved by *Flood Control* prior to recordation. The easements must be recorded prior to the final approval of the subject improvement plans.
6. The provided Phase 3 Infrastructure plans only show the proposed drainage facilities. The complete improvement plans will require additional review for impacts with other needed infrastructure; i.e. sanitary sewer, water, gas, etc. Any changes to the proposed storm drain system shall require a drainage study update.
7. Since the streets network and the associated storm drain facilities will eventually be accepted by the City, the engineer must coordinate with *City of Las Vegas Streets & Sanitation Department* for their review and approval prior to the final approval of the improvement plans.
8. Structural plans for the storm drain improvements must be submitted for review. Provide a soil report, structural calculations and specifications, wet stamped structural sets and a grading plan to the *City of Las Vegas Building Department* for processing (call *Building Department* to confirm their submittal requirements). The engineer must provide a copy of *Building Department* approval of the structures to *City Flood Control Section* prior to the final acceptance of the improvement plans.
9. The project proposes to build temporary drainage facilities including; detention basins, debris/sediment basins, drainage berms/swales over the *Phase 3* site. Prior to final plan approval the developer must complete a **Maintenance and Liability Agreement** for the interim drainage improvements and post a minimum maintenance bond of \$50,000 or 50-percent of the construction cost for the improvements, whichever is greater. The engineer must submit an estimate of the quantities for construction the facility and an exhibit that adequately shows the location and limits of the drainage facility to *City Flood Control* for approval. Once the drainage study is conditionally approved, the engineer/developer should contact the *City's Land Development Section* (702-229-6371) to begin the agreement process.

In order for the maintenance bond to be released in the future, a drainage update/letter will be required to justify that the berms/swales are no longer necessary and can be removed.

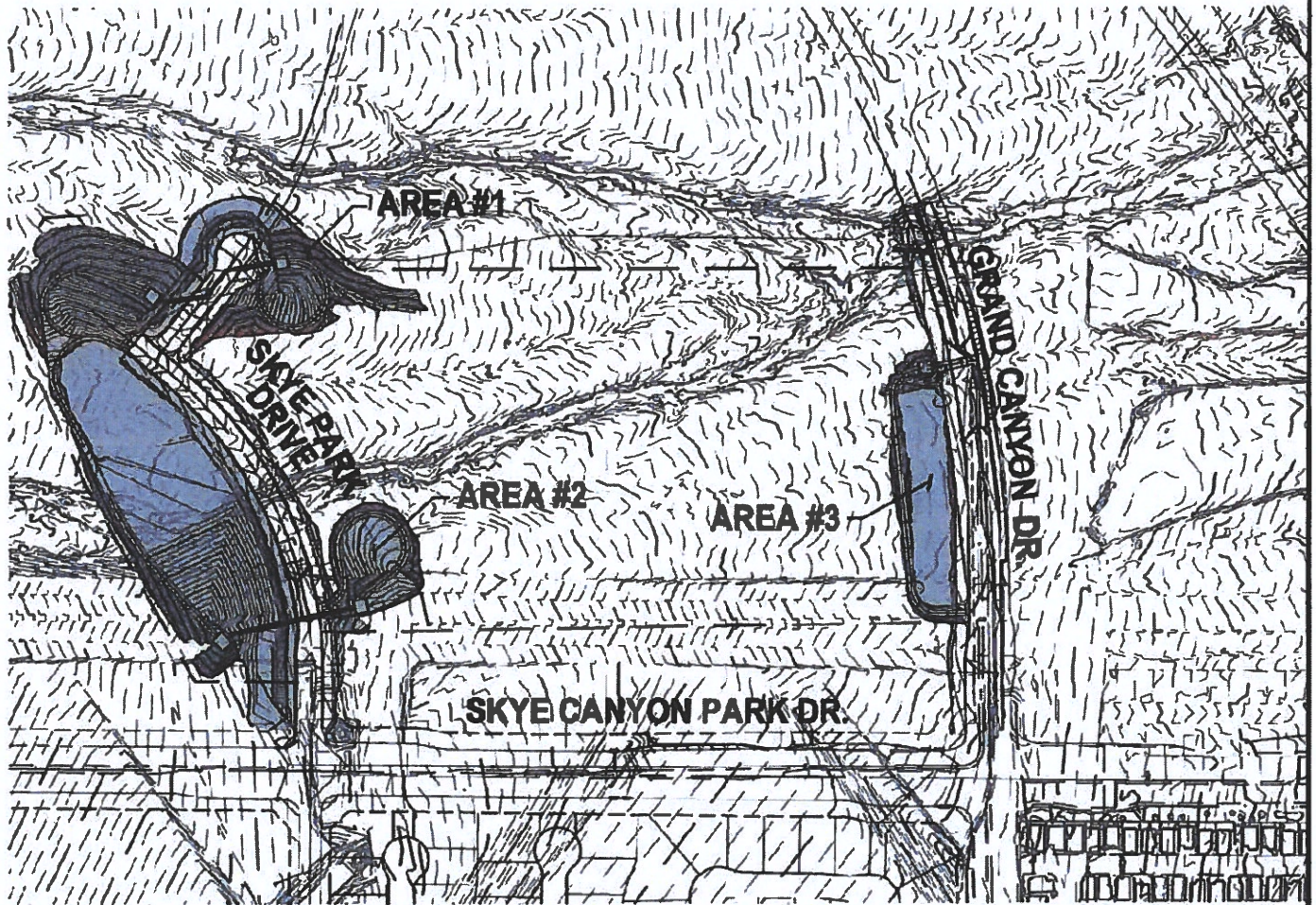
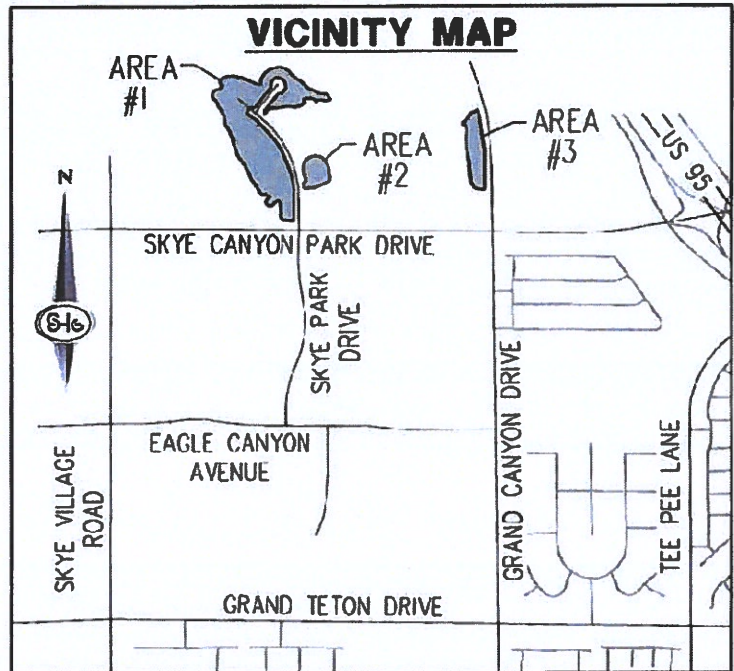
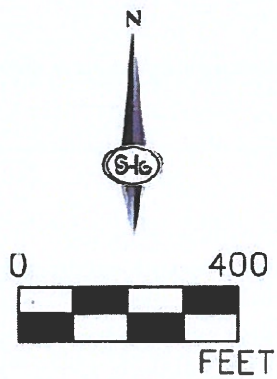
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END OF REMARKS

ays

T/R/S: T19S/R60E/07

AREA G-07



APPENDIX B

ADJACENT STUDY REFERENCE MATERIAL:

- Phase 3 Onsite (Skye Canyon Village) Improvements
 - Parcel 2.06 Onsite Improvements

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the of all persons and property that this requirement shall apply continuously and not be limited to normal working hours. The owner and the engineer assumes no responsibility for any and all liability, real or alleged, in connection with the performance of work and the project of the engineering from the date of the completion of the work or the expiration of the contract.

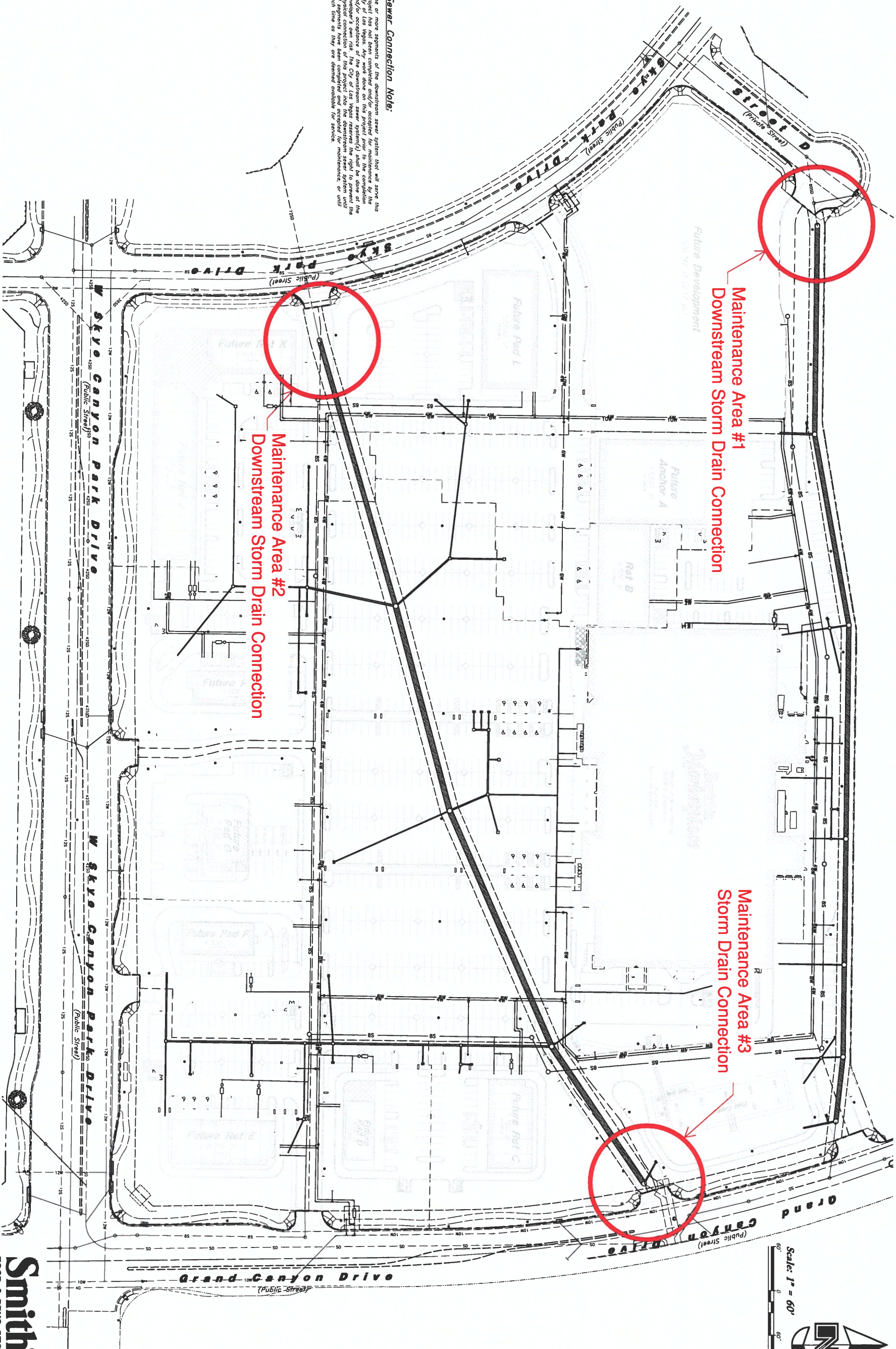
Survey Note

Wellness Morris Kline Surveying is the licensed Surveyor responsible for providing surveying services for this project. Anderson Wahlen & Associates has relied upon Wellness Morris Kline Surveying for professional services in preparing this drawing. Anderson Wahlen & Associates makes no claims to the accuracy of the information provided by Wellness Morris Kline Surveying.

Survey Control Note:

The Contractor or surveyor shall be responsible for obtaining the National Society of Professional Surveyors (NSPS) or Anderson Wahlen & Associates construction improvement surveyor shall be responsible for providing horizontal control from the survey monuments and for verifying any additional control points shown on an ALTA survey, improvement plan, or other survey document. The surveyor shall also use the benchmarks as shown on the plan, and verify them against no less than three additional benchmarks. The surveyor shall also use the benchmarks or an electronic data provided by Anderson Wahlen and Associates. If any discrepancies are encountered, the surveyor shall immediately notify the engineer and the engineer shall determine if the proposed project is proceeding with any construction staking.

Public Quantities Estimate		
Description	Unit	Total Quantity
1800' Type 4 MH	EA	12
60" RCP	LF	1128
Specialty Protected 60" RCP (w/ Smoothed Generators)	LF	461
72" RCP	LF	347
Specialty Protected 72" RCP (w/ Smoothed Generators)	LF	509



Sewer Connection Note:
One or more segments of the downstream sewer system that will serve this project has not been completed and/or accepted for maintenance by the City of Las Vegas. Any work done on this project prior to the completion of the downstream sewer system(s) shall be done at the discretion of the City of Las Vegas. The City of Las Vegas reserves the right to require the physical connection of this project into the downstream sewer system until such time as they are deemed suitable for service.

Approved for Construction
Las Vegas Valley Water District Engineering Services Manager
Date: 12/28/17
Project No.: 124897
LVMW Approved Fire Flow: 4000 GPM at 20 PSI Residual

Benchmark
Monument ID: USDA (1934) 19
U.S. Department of Agriculture, Bureau of Land Management
Corner of U.S. 95 and Skye Canyon Road
Elevation: 2817.61 Feet, 858.810 Meters
MWD 88 DTDW
Per the City of Las Vegas Benchmark Book -
2008 Adjustment (Update 03/24/2010)

Basis of Bearings
North 89°16'30" West, Being the Bearing of the South
Line of the Southeast Quarter (SE 1/4) of the Township 19
South, Range 60 East, W.10th, City of Las Vegas, Clark
County, Nevada, as Shown by Map Thered in Book 147,
Nevada.

Call before you
OVERHEAD
1-702-227-2929
or 800-227-2929

Call before you
Dig
"811"
or 1-800-227-2600
or 800-227-2600

Smith's
FOOD & DRUG STORES
1550 South Redwood Road
Salt Lake City, Utah 84104
Telephone (801) 974-1400
#367
Las Vegas, Nevada



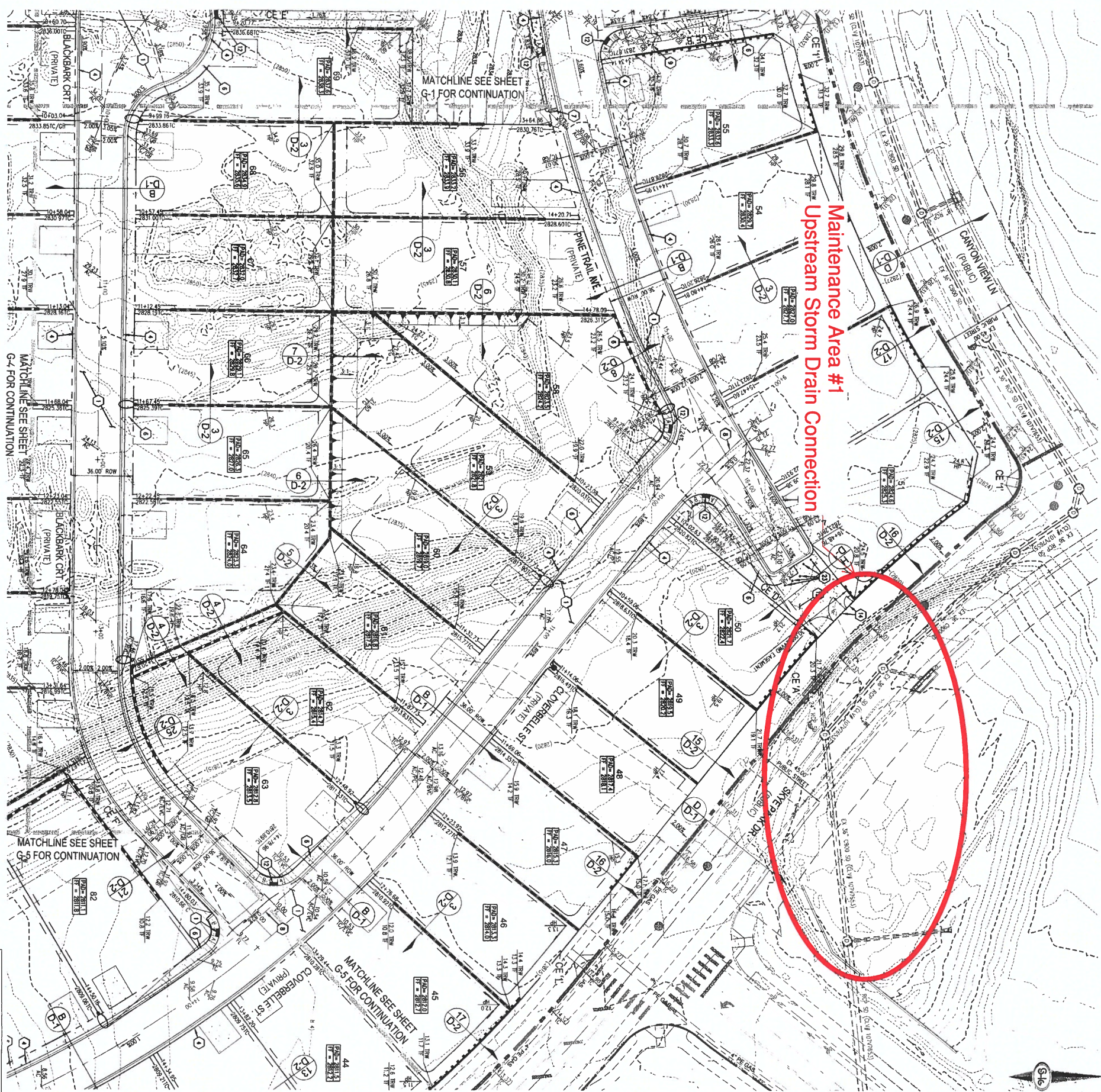
07 Nov, 2016
16 05 35
C3.0
HATCH No. 68211

Overall Utility Plan
Skye Canyon Village
9710 West Skye Canyon Park Drive
Las Vegas, Nevada

AWA
ANDERSON WAHLEN & ASSOCIATES
2010 North Redwood Road, Salt Lake City, Utah 84116
801 521-8529 - AWAengineering.net

Designed by: JAC
Drawn by: JAC
Client Name:
Smith's Food & Drug
SMC367.dwg

REV	DATE	DESCRIPTION



0 30 60
SCALE - 1"=30'
FEET

CALL SURVEYOR FOR 702-481-1111 FOR STAMPS WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES

SURVEY NOTE
OWNER RESPONSIBLE TO PROVIDE SURVEY INFORMATION AS SHOWN AND TO REFLECT ALL SURVEY INFORMATION DURING CONSTRUCTION. EXISTING AND PROPOSED DRAINAGE CONSTRUCTION SHALL BE SHOWN ON THE PLAN.

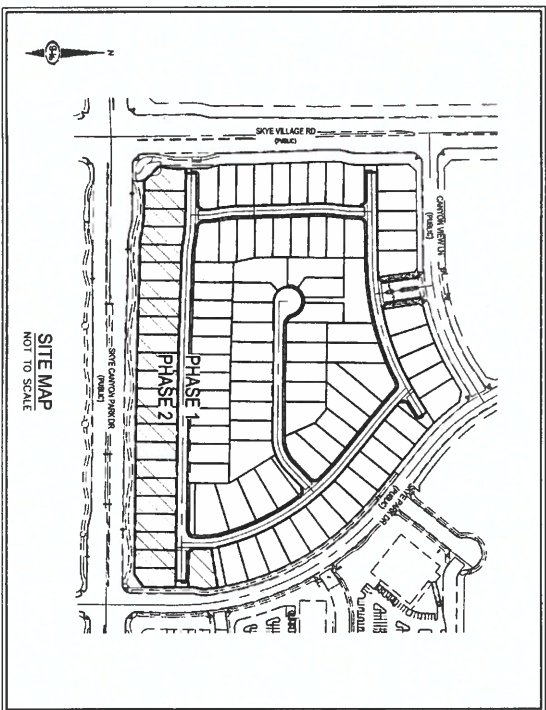
ELEVATION NOTE
AND 2000 TO ALL SPOT GRADES WHERE THE HUNDREDS AND THOUSANDS PLACES ARE OMITTED FOR ACTUAL ELEVATION (E.G. 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 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NINETY FIVE MANAGEMENT, LLC IMPROVEMENT PLANS FOR

SKYE CANYON II
PARCEL 2.06 - PHASE 2

CITY OF LAS VEGAS, NEVADA
RESIDENTIAL SUBDIVISION

APN: 125-07-211-002



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12	UD-1 UTILITY PLAN I
13	UD-2 UTILITY PLAN II
14	UD-3 UTILITY PLAN III

[illegible][illegible]

S-I-G SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

CITY OF LAS VEGAS, NEVADA

NINETY FIVE MANAGEMENT, LLC
SKYE CANYON II PARCEL 2.06 - PHASE 2
COVER SHEET

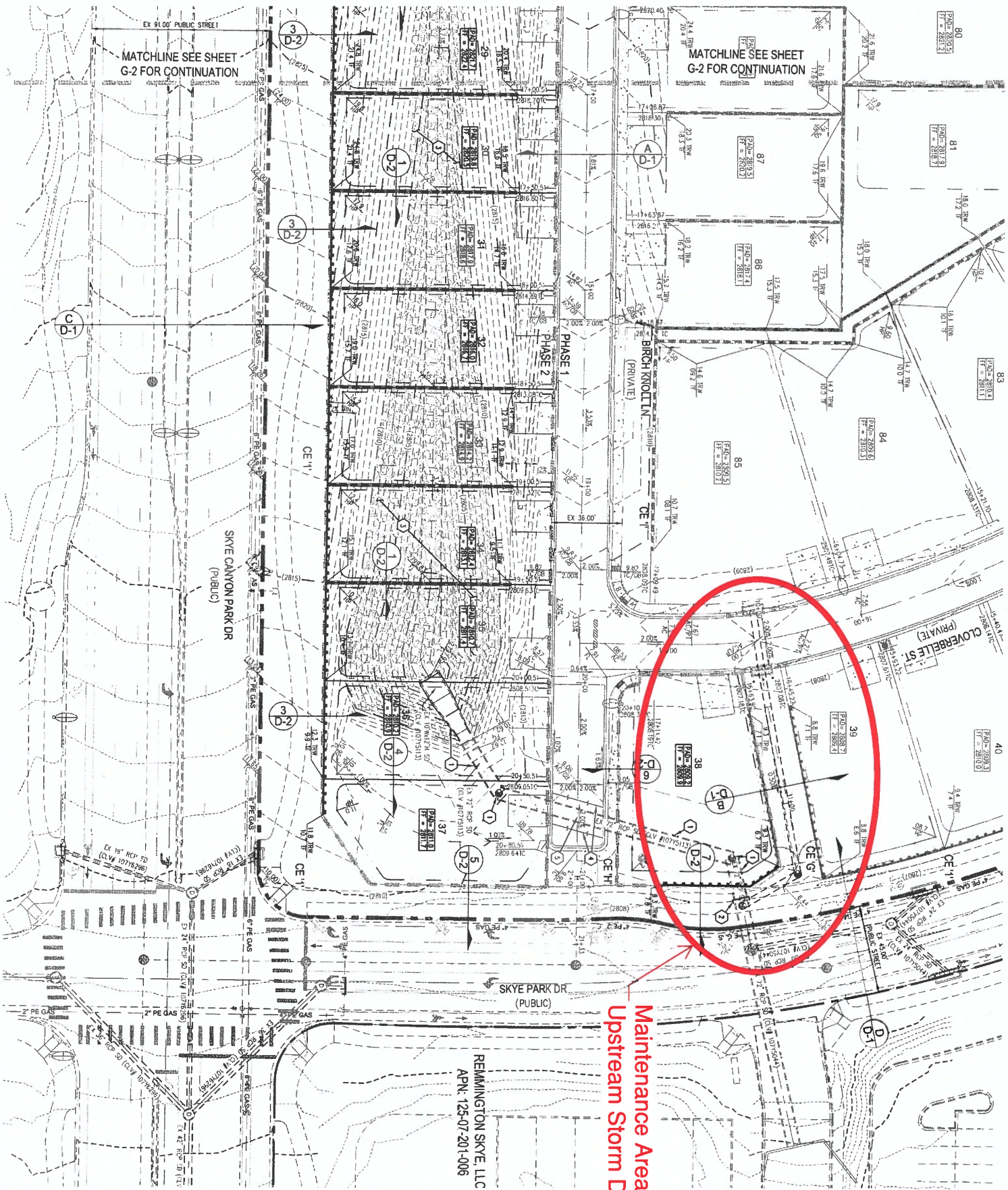
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DESIGNER: BKS

PROJECT NO.
OLY1813-000



C-1
SHEET 1 OF 14
L19-02239
107Y513-2



SURVEY NOTE
OWNER RESPONSIBLE TO PROVIDE SURVEY INFORMATION AS SHOWN AND TO VERIFY ALL SURVEY INFORMATION IS CORRECT. DESIGNER ASSUMES NO RESPONSIBILITY FOR UNDETERMINED OR UNDISCOVERED OBSTRUCTIONS.

ELEVATION NOTE
AND 2000 TO ALL SPOT GRADES WHERE THE HUNDREDS AND TENS ARE NOT SHOWN. ELEVATIONS ARE BASED ON THE 1988 NAVD83 DATUM.

SOILS REPORT
SOILS REPORT BY SOUTHWEST GEOTECHNICAL PROJECT NO. 175333 DATED 10/17/2018

EARTHWORKS
CUT/FILL VOLUMES (CY) ARE SHOWN IN THE EARTHWORKS TABLE. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR UNDETERMINED OR UNDISCOVERED OBSTRUCTIONS.

DISCLAIMER NOTE

1) DESIGN UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IF SHALL BE THE EXISTING VERTICAL AND HORIZONTAL LOCATION OF THE EXISTING UTILITY. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR UNDETERMINED OR UNDISCOVERED OBSTRUCTIONS.

GRADING NOTES

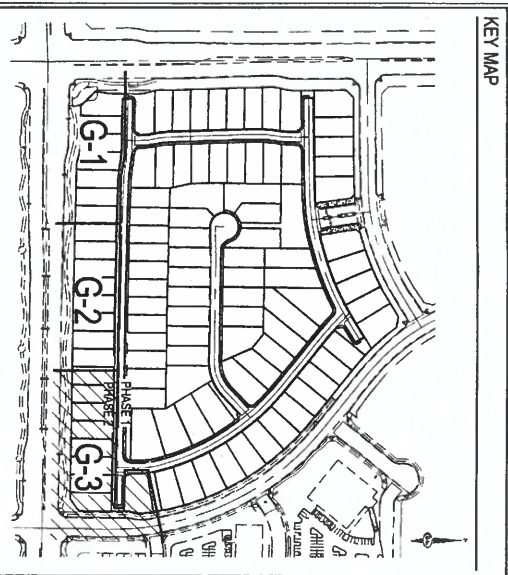
1. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH BEC 2012, SECTION 1204.12.2.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EXCESSIVE SOILS.
4. EXISTING/PROPOSED SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON GEOTECH SHEET D-1.
5. SET DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
6. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BUILT FOR AND INSPECTED BY THE CITY OF LAS VEGAS BUILDING DEPARTMENT.
7. CONSTRUCTION OF BLOCK WALLS REQUIRES A SEPARATE BUILDING PERMIT AND APPROVAL BY THE CITY OF LAS VEGAS BUILDING DEPARTMENT.
8. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER SHALL BE RESPONSIBLE FOR REMEDIATION OF ANY FACILITIES OR STRUCTURES/OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION.
9. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND SHALL BE PLACED OVER OR WITHIN THE RIGHT-OF-WAY OR NEARBY ADJACENT PROPERTY.

LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDELINES

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR OTHER AUTHORIZED AGENTS SHALL EACH HAVE ACCESS TO THE CONSTRUCTION SITE AT ALL TIMES TO MONITOR AND ENFORCE COMPLIANCE WITH THE BMP GUIDELINES.
2. ADDITIONAL CONSTRUCTION SITE BMP GUIDELINES MAY BE REQUIRED BY THE CITY OF LAS VEGAS BUILDING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING ALL SUCH REQUIREMENTS.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES SHALL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS COMPLETED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING ALL SUCH REQUIREMENTS.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, DUST, EROSION, AND/OR OTHER CONSTRUCTION ACTIVITIES. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A WEEK, AND MORE FREQUENTLY AS NECESSARY. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A WEEK, AND MORE FREQUENTLY AS NECESSARY.
5. ACCUMULATED SEDIMENT IN BAYS SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER EVENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING ALL SUCH REQUIREMENTS.

FEMA FLOOD ZONE INFORMATION

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (UNSHADED). AS DETERMINED ON THE FLOOD INSURANCE RATE MAP (FIRM) PANELS 15000123E DATED SEPTEMBER 27, 2002, A ZONE "X" (UNSHADED) IS DETERMINED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% (500 YEAR) ANNUAL CHANCE FLOOD PLAIN.



GRADING NOTES

- 1) REMOVE EXISTING 77' RCP 30" AND SUEH.
- 2) CONSTRUCT 77' RCP 30" AND SUEH FOR EXISTING 77' RCP.
- 3) SET DETAIL B, ON SHEET D-2.
- 4) REMOVE EXISTING 18" RCP AND FILL IN CHANNEL WITH SUEH.
- 5) SUEH TO BE 18" RCP 30" AND SUEH.
- 6) PROJECT SLOPE SHALL BE 3:1.
- 7) FILL SHALL BE 3:1.

PRIVATE STREET & COMMON ELEMENT NOTE

ALL PRIVATE STREETS AND COMMON ELEMENTS ARE PLACED IN THE PUBLIC STREET EXISTENCE, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING ALL SUCH REQUIREMENTS.

NINETY FIVE MANAGEMENT, LLC
SKYE CANYON II PARCEL 2.06 - PHASE 2
GRADING PLAN III

PROJECT NO. OLY1813-000
DATE: 11/5/19
DRAWN BY: BRS
CHECKED BY: BRS
DESIGNER: BRS

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

FAST
Call before you dig
Underground
1-702-432-5300
FACILITY & UTILITY SYSTEM
OF TRANSMISSION (F.A.S.T.)

AVOID HITTING OVERHEAD POWER LINES. IT'S CALLED BEING OVERHEAD.
1-702-227-2929

Call before you dig
AND DURING UNDERGROUND UTILITY LINES. IT'S COSTLY.
1-800-227-2600

G-3
SHEET 6 OF 14
119-02239
1075113-2

APPENDIX C

CD of Electronic Copy

OLY1602.000

May 1, 2020

Albert Sung, P.E.
City of Las Vegas
333 Rancho Drive (7th Floor)
Las Vegas, NV 89101

**Subject: Technical Drainage Study Update No. 3 for
Skye Canyon Phase 3 Infrastructure**

Mr. Sung:

This letter certifies that all items provided on electronic submittal CD matches 100% of the *Technical Drainage Study Update No. 3 for Skye Canyon Phase 3 Infrastructure* bound paper version.

Respectfully Submitted,
WESTWOOD PROFESSIONAL SERVICES



Lant Leavitt, P.E.
Project Manager – Water Resources Department