

CITY OF LAS VEGAS

BUILDING AND SAFETY DEPARTMENT

OFFSITE INSPECTION & TESTING
333 NORTH RANCHO DRIVE
LAS VEGAS, NV 89106
PHONE: (702) 229-6337
FAX: (702) 631-3000

DEVELOPER'S SUBMITTAL OF LOCATION COORDINATES

☐ Sewer

☒ Storm Drain

☐ Electronic Comma Delineated File

☒ Final Location Map (2 copies each for either sewer OR storm drain)

NOTE: THE TOP PART OF THIS FORM MUST BE FILLED OUT IN ITS ENTIRETY

PROJECT NAME: Summerlin Village 23B - Parcel BB Phase 2 (Estrella II) UNIT: PHASE:

PROJECT LOCATION: Far Hills Avenue & Desert Foothills Drive in Las Vegas, NV

CLV PLAN #: 107Y5017 - 2 CLV PROJECT # 60098 SHEET NO. (S): 22-27 of 30

OF MANHOLES 2 PUB. SEWER/STORM DRAIN LIN. FT. 3507 # OF PRIVATE LATERALS 17

DEVELOPER: Pulte Homes PHONE: 702-914-4800 FAX: 702-914-4701

SURVEY CO.: Tri-Core Surveying PHONE: 702-821-1554 FAX: 702-870-4378

CONTRACTOR: Mammoth Underground PHONE: 702-248-6662 FAX:

CONTRACTOR'S SUPERVISOR NAME: Oliverio Mares MOBILE: 702-303-9259

DATE OF REQUEST: June 15, 2016

**SUBMIT DIRECTLY TO THE OFFICE OF THE CITY
SURVEYOR LOCATED ON THE 8th FLOOR OF THE
DSC / 333 N Rancho, 89106**

Please get a stamped copy of this form for your records.

CITY USE ONLY

DATE AND INITIALS / RECEIVED BY THE CITY SURVEYOR

ACCEPTABLE BY CITY SURVEYOR DATE: 8/9/16 NOT ACCEPTABLE BY CITY SURVEYOR DATE: 6/30/16

For: CLV SURVEYOR'S SIGNATURE: *Rail M.* DATE: 8/9/16

THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

Notes:

ROUTING:

> Once "ACCEPTABLE"; SURVEY to forward a copy of this form to O.I.T. for the file.

> Final Location Maps to be forwarded to and retained by Flood Control or Sanitation Engineer respectively.



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
STORM DRAIN
FINAL LOCATION MAP

JOB NUMBER H60098 SD2
PROJECT NAME SUMMERLIN VILLAGE 23B PARCEL BB ESTRELLA PHASE 2
WORK AUTH. NO. P28000
SUBMITTED BY Tri-Core Surveying
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 8/8/16
REVIEWED BY D. SANTANA

REVIEW DETERMINATION

- ☒ Approved
☐ Not Acceptable

TO BE RE-SUBMITTED

- ☐ Two bond copies (no mylar)
☐ Electronic media with comma-separated coordinate file

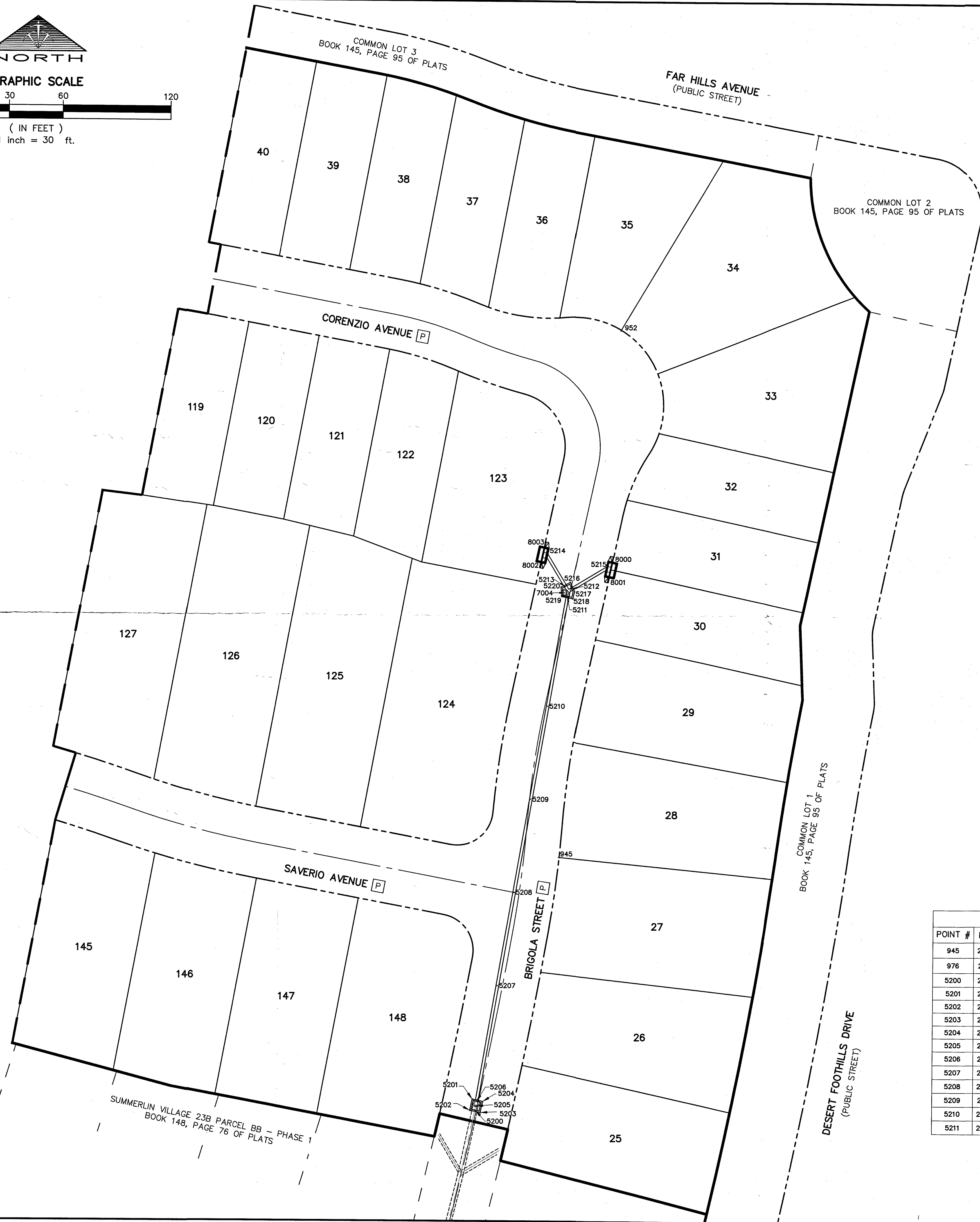
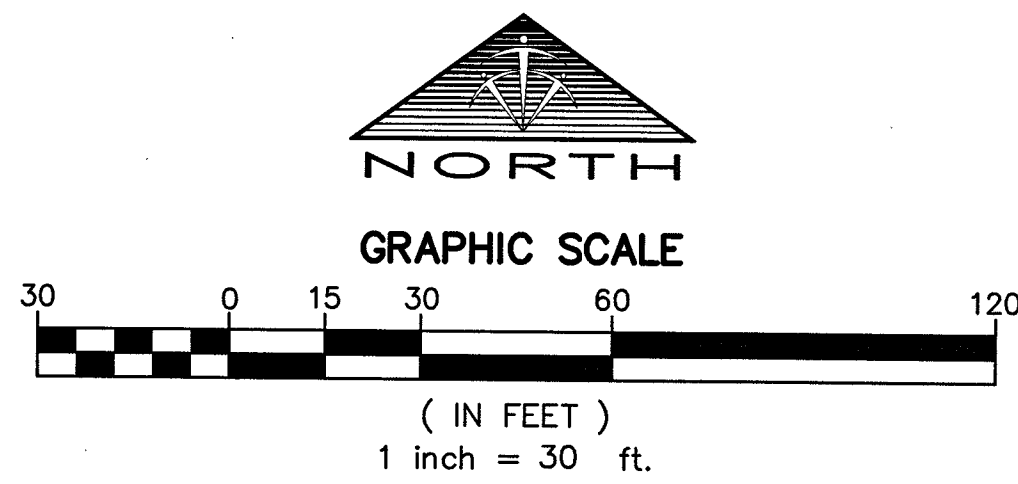
REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Submittal Contents				
Two bond copies (no mylar)	☒	☐	☐	
Electronic media containing comma-separated coordinate file	☒	☐	☐	
General Map Contents				
Sheet size 24" x 36"	☐	☐	☐	
Sheet number and number of sheets	☐	☐	☐	
North arrow (pointing up, left or right)	☐	☐	☐	
Scale (written & graphic, correctly shown, appropriate scale used)	☐	☐	☐	
Lettering legibility (minimum text size 0.08")	☐	☐	☐	
Map title shown ("Storm Drain Final Location Map")	☐	☐	☐	
CLV project name shown	☒	☐	☐	
CLV Hansen No. shown	☐	☐	☐	
CLV Drawing No. shown	☐	☐	☐	
Preparer's company name and contact information shown	☐	☐	☐	
Legend (all linetypes and symbols defined)	☐	☐	☐	
Non-standard abbreviations defined	☐	☐	☐	
Distances, coordinates and elevations labeled using decimal feet	☐	☐	☐	
Approximate limits of streets shown (improvements or right-of-way)	☐	☐	☐	
Street names labeled (identified as public or private)	☐	☐	☐	

REVIEW CHECKLIST – STORM DRAIN FINAL LOCATION MAP

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Storm Drain Improvements Data				
*NOTE As of December 1, 2015 manhole cover locations are no longer required.				
Manhole Barrel/Base: (measured horizontally at centerline of barrel/base structure, vertical location does not apply)	☒	☐	☐	
Drop Inlets (measured horizontally at back of curb at each outer extent of box, vertically at top of curb)	☒	☒	☐	
Vaults and Junction Structures (measured horizontally at all outer extents of structure, vertically at top of structure)	☒	☐	☐	
Pipes and RCB's: locate at all connections to other pipes and structures, all horizontal and vertical deflections, points of termination (stubs), point at which pipe/RCB exits the public right-of-way or easement (measured horizontally at centerline of pipe/RCB, vertically at top of pipe/RCB)	☒	☐	☐	
*NOTE All pipe connections to manholes and other structures should be located at outside face of structure before backfilling due to accuracy limitations of pipe measurements from the structure's surface access point.				
Coordinate Information				
Data acquisition completion date indicated	☒	☐	☐	
Coordinate system indicated (only CLV approved coordinate systems are to be used)	☒	☐	☐	
Horizontal datum, datum adjustment, and epoch date indicated (only CLV approved datums are to be used)	☒	☐	☐	
Benchmark ID, description, elevation indicated	☒	☐	☐	
Statement of positional accuracy per the tolerances indicated below	☒	☐	☐	
*NOTE For all projects with improvement plans approved prior to March 1, 2015 coordinates provided must be accurate to within ± 0.5 feet horizontally and vertically. For all projects with improvement plans approved after March 1, 2015 coordinates provided must be accurate to within ± 0.3 feet horizontally and vertically.				
Coordinate accuracy QA/QC (when available)	☒	☐	☐	

ADDITIONAL COMMENTS

P:\15015.0008 - Estrella Phase 2\Construction\Asbuilt\Storm Drain As-built\SD_Asbuilt_Estrella II.dwg rdoyle Tue, 26 Jul 2016 - 11:34am



LEGEND

	SUBDIVISION BOUNDARY
	STREET CENTERLINE
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ASSESSOR'S PARCEL LINE
	DESIGN STORM DRAIN LINE
9	LOT NUMBER
5100	AS-BUILT POINT NUMBER
	STORM DRAIN MANHOLE
	PRIVATE STREET, PUBLIC SEWER EASEMENT, PUBLIC DRAINAGE EASEMENT AND PUBLIC UTILITY EASEMENT (P.U.E.)
	STORM DRAIN DROP INLET
	STORM DRAIN MANHOLE STRUCTURE

HORIZONTAL DATUM

HORIZONTAL DATUM SHOWN HEREON IS BASED UPON NORTH AMERICAN DATUM OF 1983 (NAD 83 (2011) EPOCH 2010.00 REALIZATION), NEVADA STATE PLANE COORDINATE SYSTEM EAST ZONE (2701).

BENCHMARK

CITY OF LAS VEGAS BENCHMARK: 5LV09 34NE6

BEING A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF DESERT FOOTHILLS DRIVE AND ALTA DRIVE

ELEVATION: 3304.45 (U.S. SURVEY FEET)
1007.197 (METERS)

BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88), CITY OF LAS VEGAS 2008 ADJUSTMENT

NOTES

- THE PURPOSE OF THIS SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE STORM DRAIN FACILITIES IN SUMMERLIN VILLAGE 23B PARCEL BB - PHASE 2, BOOK 150, PAGE 37 OF PLATS, SITUATE IN THE EAST HALF (E 1/2) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AND THE SURVEY WAS COMPLETED ON JUNE 8, 2016.
- THE POSITIONAL CERTAINTY OF THE AS-BUILT INFORMATION SHOWN HEREON IS WITHIN +/- 0.3' HORIZONTALLY AND VERTICALLY.
- TRI-CORE SURVEYING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FOR THE CONVENIENCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY TRI-CORE SURVEYING IN WRITING IMMEDIATELY.
- STORM DRAIN BOX STRUCTURE COORDINATES WERE BASED UPON ASBUILT MEASUREMENTS AS SHOWN THE FIELD NOTES EXHIBIT ATTACHED HERETO.

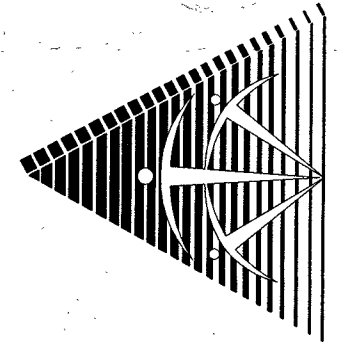
POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
945	26767354.59	723788.75	0.00	CURB SCRIBE - 27/28
976	26767669.51	722982.68	0.00	CURB SCRIBE - 57/58
5200	26767213.75	723743.53	3336.90	TOP OF 36" RCP @ SDMH OUT
5201	26767219.93	723741.68	3338.09	TOP OUTSIDE SDMH
5202	26767213.67	723740.36	3338.06	TOP OUTSIDE SDMH
5203	26767212.45	723746.17	3338.04	TOP OUTSIDE SDMH
5204	26767218.64	723747.52	3338.05	TOP OUTSIDE SDMH
5205	26767216.05	723743.86	0.00	CL SDMH BARREL
5206	26767218.69	723744.12	3335.38	TOP OF 18" RCP @ SDMH IN
5207	26767283.17	723755.17	3336.08	TOP OF 18" RCP
5208	26767335.06	723764.03	3336.47	TOP OF 18" RCP
5209	26767386.71	723772.91	3336.98	TOP OF 18" RCP
5210	26767438.46	723781.93	3337.53	TOP OF 18" RCP
5211	26767499.76	723792.50	3338.26	TOP OF 18" RCP @ SDMH OUT

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
5212	26767504.15	723794.92	3338.52	TOP OF 18" RCP @ SDMH IN
5213	26767505.42	723791.07	3338.86	TOP OF 18" RCP @ SDMH IN
5214	26767522.99	723780.46	3341.70	TOP OF 18" RCP @ DI OUT
5215	26767515.21	723814.26	3339.60	TOP OF 18" RCP @ DI OUT
5216	26767507.67	723794.16	3340.09	TOP OUTSIDE SDMH
5217	26767502.52	723796.48	3340.09	TOP OUTSIDE SDMH
5218	26767498.48	723795.60	3340.09	TOP OUTSIDE SDMH
5219	26767499.73	723789.32	3340.09	TOP OUTSIDE SDMH
5220	26767504.93	723788.95	3340.09	TOP OUTSIDE SDMH
7004	26767501.84	723791.03	0.00	CL SDMH BARREL
8000	26767518.74	723817.24	3347.59	TOP BACK OF CURB @ DI
8001	26767510.64	723815.50	3347.45	TOP BACK OF CURB @ DI
8002	26767518.79	723777.50	3347.53	TOP BACK OF CURB @ DI
8003	26767526.94	723779.12	3347.60	TOP BACK OF CURB @ DI

CLV PROJECT H# 60098
CLV DRAWING# 107Y5017-2
FMP-60273

DATE	7/26/2016	GS	RD	DATE	7/26/2016	1"=30'
PM				DRAWN BY		
DESIGNED BY				CHECKED BY		
ADA CHECKED				JOB NO.	15015.0008	
SCALE						

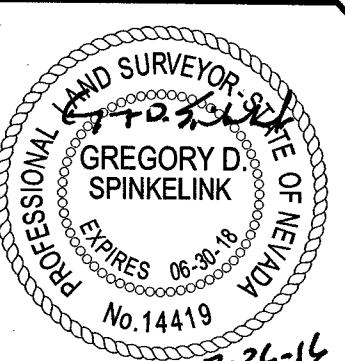
TRI-CORE
SURVEYING, LLC
LAND SURVEYING - CONSTRUCTION STAKING
MAPPING & LAND DEVELOPMENT SERVICES
BOUNDARY & TOPOGRAPHIC SURVEYS
6761 WEST CHARLESTON BLVD.
LAS VEGAS, NEVADA 89146
TEL (702) 821-1554 FAX (702) 870-4378



PN II, INC.

SUMMERLIN VILLAGE 23B PARCEL BB - PHASE 2

ESTRELLA PHASE 2
STORM DRAIN FINAL LOCATION MAP



SHEET

1
OF 1