

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: AZURE & EULA (A.K.A. BLOOM 10) UNIT: PHASE:
PROJECT LOCATION: Eula Street and Regena Avenue in Las Vegas, NV
CLV PLAN #: 107Y5045 CLV PROJECT # 63459 SHEET NO. (S): 7-10 of 17
OF MANHOLES 10 PUB. SEWER/STORM DRAIN LIN. FT. # OF PRIVATE LATERALS

DEVELOPER: DR Horton PHONE: 702-254-1480 FAX: 702-254-3062
SURVEY CO.: Tri-Core Surveying PHONE: 702-821-1554 FAX: 702-870-4378
CONTRACTOR: KNL Construction PHONE: 702-726-0101 FAX:
CONTRACTOR'S SUPERVISOR NAME: Greg Walker MOBILE: 702-726-0101
DATE OF REQUEST: January 23, 2017

**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: 2/9/17 NOT ACCEPTABLE BY CITY SURVEYOR DATE

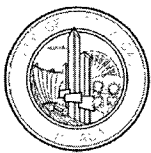
CLV SURVEYOR'S SIGNATURE: DATE: 2/9/17

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
SANITARY SEWER
FINAL LOCATION MAP

JOB NUMBER H63459 SS1
PROJECT NAME AZURE & EULA - [PRJ-61793]
WORK AUTH. NO. P28000
SUBMITTED BY Tri-Core Surveying (Ross Doyle)
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 2/9/17
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 ("Sanitary Sewer 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 – SANITARY SEWER FINAL LOCATION MAP

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Sanitary Sewer Improvements Data				
*NOTE As of December 1, 2015 manhole cover locations are no longer required.				
Manhole Barrel/Base: (measured horizontally at centerline of structure barrel/base, vertical location does not apply)	☒	☐	☐	
Vaults and Junction Structures: (measured horizontally at all outer extents of structure, vertically at top of structure)	☐	☐	☒	
Lateral/Main/Interceptor Pipes: locate at all connections to other pipes and structures, all horizontal and vertical deflections, points of termination (stubs), point at which pipe exits the public right-of-way or easement (measured horizontally at centerline of pipe, vertically at top of pipe)	☒	☐	☐	
*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

NORTH

GRAPHIC SCALE

(IN FEET)

1 inch = 40 ft.

	SUB DIVISION BOUNDARY LINE
	LOT LINE
	SEWER LINE
	EXISTING SEWER LINE
	PRIVATE STREET EASEMENT LINE
	STREET CENTERLINE
	ASSESSOR'S PARCEL LINE
	EXISTING RIGHT-OF-WAY LINE
	MATCHLINE
	SEWER MANHOLE
	EXISTING SEWER MANHOLE
	LOT NUMBER
	AS-BUILT POINT NUMBER
	PERPETUAL AND NON-REVOCABLE PRIVATE STREET EASEMENT, P.U.E., PUBLIC SEWER EASEMENT AND PUBLIC DRAINAGE EASEMENT TO BE

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).

CITY OF LAS VEGAS BENCHMARK: 6LV99 25NEE6

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTH SIDE OF AZURE DRIVE, NEAR CHURCH, +/- WEST OF HUALAPAI WAY.

ELEVATION: 2755.34 (U.S. SURVEY FEET)
839.83 (METERS)

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

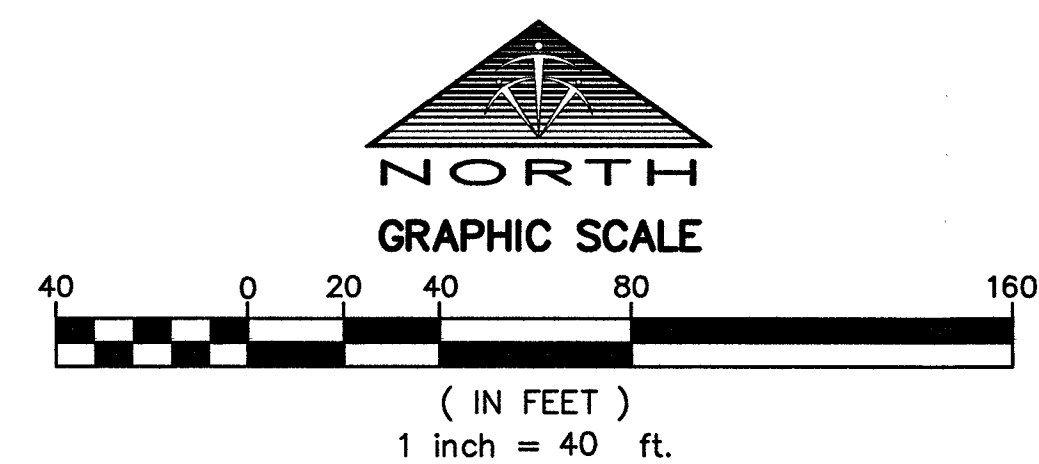
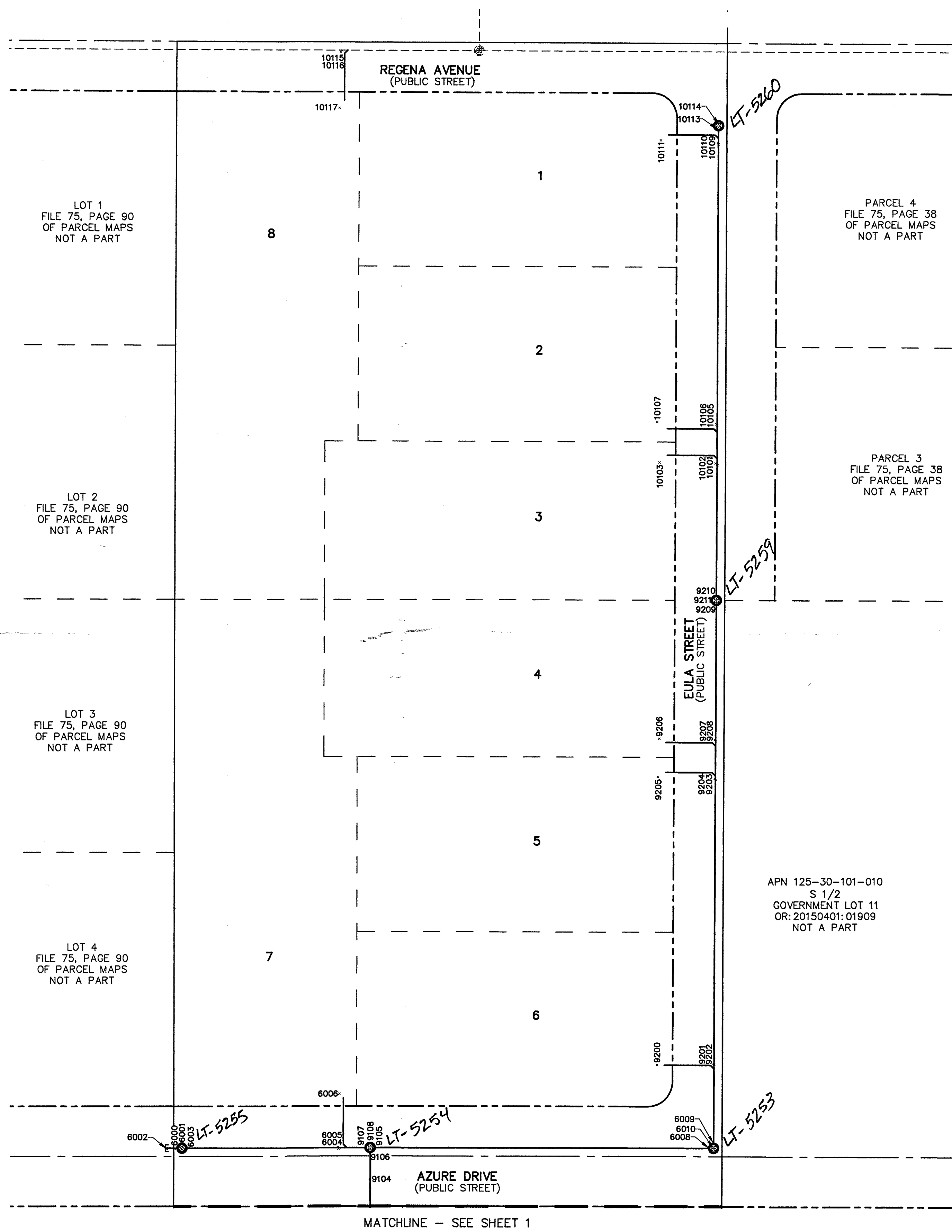
THE PURPOSE OF THIS SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE SANITARY SEWER FACILITIES IN "AZURE & EULA (BLOOM 10)", AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDERS OFFICE IN BOOK 152, PAGE 91 OF PLATS, BEING A SUBDIVISION OF GOVERNMENT LOTS 10 AND 15 OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AND THE SURVEY WAS COMPLETED ON JANUARY 10, 2017.

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.

CLV PROJECT H#63459
CLV DRAWING #107Y5045
FMP-63707

P:\01015.0002_Bloom 10 (Bellara North)\Construction\Abulita\Sewer Asbuilt_Bloom 10.dwg rdoyle Mon, 23 Jan 2017 - 10:12am



LEGEND

- SUB DIVISION BOUNDARY LINE
- LOT LINE
- SEWER LINE
- EXISTING SEWER LINE
- PRIVATE STREET EASEMENT LINE
- STREET CENTERLINE
- ASSESSOR'S PARCEL LINE
- EXISTING RIGHT-OF-WAY LINE
- MATCHLINE
- SEWER MANHOLE
- EXISTING SEWER MANHOLE
- 9 LOT NUMBER
- 5100 AS-BUILT POINT NUMBER
- [P] PERPETUAL AND NON-REVOCABLE PRIVATE STREET EASEMENT, P.U.E., PUBLIC SEWER EASEMENT AND PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY THE HOA, GRANTED PER BOOK 152, PAGE 91 OF PLATS

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
6000	26801358.66	735609.34	2724.68	TOP 8" PVC MAIN IN
6001	26801358.38	735611.72	2723.86	SSMH CL BARREL
6002	26801358.81	735604.39	2724.89	TOP 8" PVC MAIN @ STUB
6003	26801358.38	735614.88	2724.42	TOP 8" PVC MAIN OUT
6004	26801358.53	735707.42	2720.72	TOP 8" PVC MAIN
6005	26801359.41	735707.14	2720.87	TOP 4" PVC LATERAL
6006	26801391.46	735708.05	2726.05	TOP 4" PVC LATERAL
6008	26801358.65	735932.10	2720.90	TOP 8" PVC MAIN OUT
6009	26801361.35	735934.81	2721.13	TOP 8" PVC MAIN IN
6010	26801358.86	735934.59	2720.39	SSMH CL BARREL
9104	26801340.28	735726.34	2720.12	TOP OF STEEL CASING @ END
9105	26801358.68	735728.42	2719.83	TOP 8" PVC MAIN IN
9106	26801355.93	735726.38	2719.77	TOP 8" PVC MAIN OUT
9107	26801358.63	735723.77	2719.85	TOP 8" PVC MAIN IN
9108	26801358.54	735726.42	2720.19	SSMH CL BARREL
9200	26801408.84	735900.59	2722.93	TOP 4" PVC LATERAL
9201	26801409.62	735934.59	2721.48	TOP 4" PVC LATERAL
9202	26801409.04	735935.05	2721.31	TOP 8" PVC MAIN
9203	26801579.76	735935.98	2721.86	TOP 8" PVC MAIN
9204	26801580.39	735935.34	2721.90	TOP 4" PVC LATERAL
9205	26801581.51	735901.05	2724.02	TOP 4" PVC LATERAL

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
9206	26801604.44	735901.89	2724.47	TOP 4" PVC LATERAL
9207	26801603.76	735935.42	2721.98	TOP 4" PVC LATERAL
9208	26801602.88	735936.07	2721.94	TOP 8" PVC MAIN
9209	26801685.71	735936.77	2722.13	TOP 8" PVC MAIN OUT
9210	26801690.95	735936.63	2722.44	TOP 8" PVC MAIN IN
9211	26801688.50	735936.77	2721.60	SSMH CL BARREL
10101	26801769.21	735936.81	2723.25	TOP 8" PVC MAIN
10102	26801770.31	735935.67	2723.40	TOP 4" PVC LATERAL
10103	26801770.73	735901.89	2726.18	TOP 4" PVC LATERAL
10105	26801793.23	735936.71	2723.50	TOP 8" PVC MAIN
10106	26801793.79	735936.08	2723.67	TOP 4" PVC LATERAL
10107	26801795.15	735900.56	2726.52	TOP 4" PVC LATERAL
10109	26801961.84	735937.65	2725.39	TOP 8" PVC MAIN
10110	26801962.82	735937.12	2725.50	TOP 4" PVC LATERAL
10111	26801964.26	735902.85	2728.44	TOP 4" PVC LATERAL
10113	26801970.84	735937.33	2725.47	TOP 8" PVC MAIN OUT
10114	26801973.37	735937.98	2725.02	SSMH CL BARREL
10115	26802017.91	735710.15	2732.57	TOP 8" PVC MAIN
10116	26802017.07	735709.45	2732.95	TOP 4" PVC LATERAL
10117	26801983.43	735708.72	2735.81	TOP 4" PVC LATERAL

CLV PROJECT H#63459
CLV DRAWING #107Y5045
FMP-63707

DATE: 1/23/2017
PM: INK
DRAWN BY: RD
DESIGNED BY: INK
CHECKED BY: INK
ADA CHECKED: INK
JOB NO.: 01015.0002
SCALE: 1"=40'

NO. DESCRIPTION DATE APP'D

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The Contractor shall verify and be responsible for all dimensions. Do not scale the drawing. Any errors or omissions are the responsibility of the user. This drawing is the property of Tri-Core Surveying, LLC and its use for any purpose other than that authorized by Tri-Core is prohibited.

TRI-CORE
SURVEYING, LLC
LAND SURVEYING - CONSTRUCTION STAKING
MAPPING & LAND DEVELOPMENT SERVICES
BOUNDARY & TOPOGRAPHIC SURVEYS
8761 WEST CHARLESTON BLVD.
LAS VEGAS, NEVADA 89148
TEL (702) 821-1534 FAX (702) 870-4378

DR HORTON
AZURE & EULA (BLOOM 10)

SANITARY SEWER FINAL LOCATION MAP

1-23-17

SHEET
2
OF 2