

LEGEND

	SUBDIVISION BOUNDARY LINE
	SECTION LINE
	ASSESSOR'S PARCEL LINE / LOT LINE
	EXISTING PUBLIC RIGHT-OF-WAY LINE
	STREET CENTERLINE
	DESIGN SEWER LINE
	EXISTING SEWER LINE
	DESIGN SEWER MANHOLE
	EXISTING SEWER MANHOLE
5000	AS-BUILT POINT NUMBER
OR:	CLARK COUNTY OFFICIAL RECORDS

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: 6LV99 24SES

A RIVET & PLATE IN TOP CURB AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND HUALAPAI WAY.

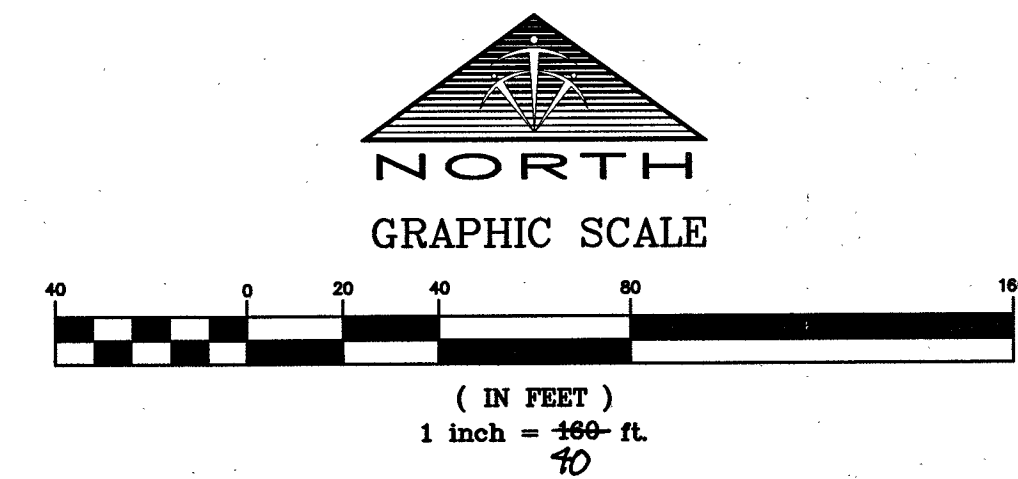
ELEVATION: 2772.06 (U.S. SURVEY FEET)
844.924 (METERS)

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

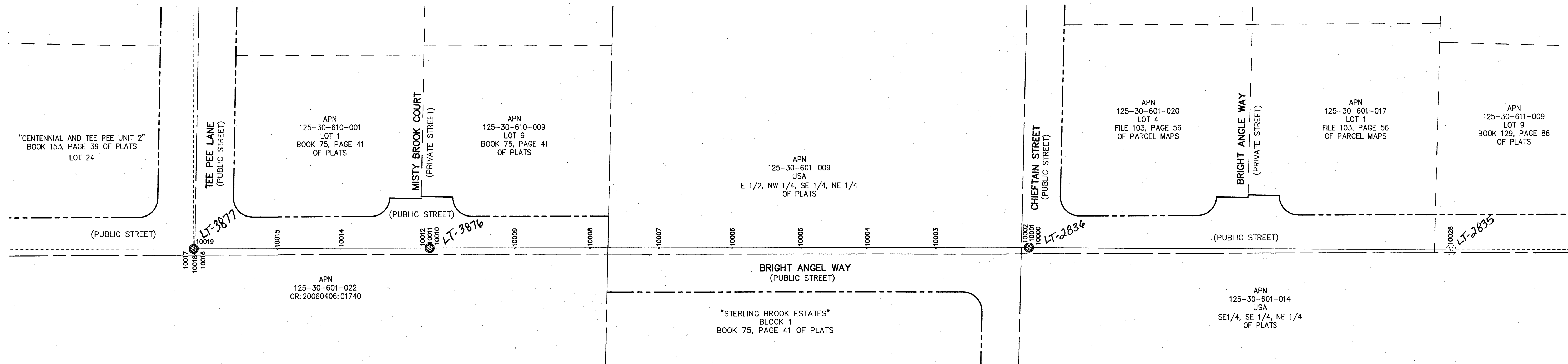
NOTE

THE PURPOSE OF THIS SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE SANITARY SEWER FACILITIES IN CENTENNIAL AND TEE PEE UNIT 2, BOOK 153, PAGE 39 OF PLATS, SITUATE IN THE NORTHEAST QUARTER (NE 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AND THE SURVEY WAS COMPLETED ON APRIL 6, 2017.

THE POSITIONAL CERTAINTY OF THE AS-BUILT INFORMATION SHOWN HEREON IS WITHIN $\pm 0.3'$ HORIZONTALLY AND VERTICALLY.



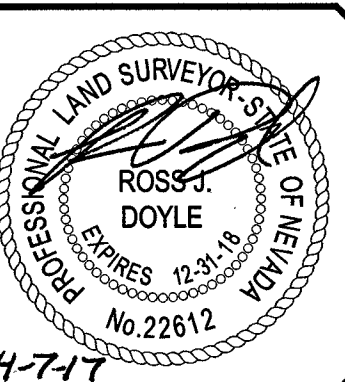
POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
10000	26800687.47	739892.53	2606.73	TOP 8" PVC MAIN OUT
10001	26800687.60	739889.75	2606.20	SSMH CL BARREL
10002	26800687.44	739886.71	2606.92	TOP 8" PVC MAIN IN
10003	26800687.73	739816.25	2608.59	TOP 8" PVC MAIN
10004	26800687.89	739761.89	2609.84	TOP 8" PVC MAIN
10005	26800687.99	739708.72	2611.06	TOP 8" PVC MAIN
10006	26800688.05	739654.73	2612.40	TOP 8" PVC MAIN
10007	26800688.05	739596.37	2613.72	TOP 8" PVC MAIN
10008	26800688.05	739541.95	2614.96	TOP 8" PVC MAIN
10009	26800688.03	739482.11	2616.25	TOP 8" PVC MAIN
10010	26800688.18	739417.47	2617.76	TOP 8" PVC MAIN OUT
10011	26800688.29	739414.59	2617.32	SSMH CL BARREL
10012	26800688.27	739412.02	2617.97	TOP 8" PVC MAIN IN
10014	26800688.10	739344.22	2619.68	TOP 8" PVC MAIN
10015	26800688.01	739293.53	2620.86	TOP 8" PVC MAIN
10016	26800688.27	739230.01	2622.29	TOP 8" PVC MAIN OUT
10017	26800688.23	739224.46	2622.46	TOP 8" PVC MAIN IN
10018	26800688.19	739227.24	2621.75	SSMH CL BARREL
10019	26800691.03	739227.02	2622.43	TOP 8" PVC MAIN IN
10028	26800684.47	740224.47	2598.13	INV @ CL SSMH BARREL



CLV PROJECT H#58479
CLV DRAWING #307V1113
NFM-0173-15

CENTENNIAL AND TEE PEE - BRIGHT ~~ANGLE~~ OFFSITE SEWER

LENNAR HOMES
ANGEL
ANIL AND TEE PEE - BRIGHT ANGE OFFSITE
SANITARY SEWER FINAL LOCATION MAP



SHEET

1
OF 1

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Memorandum

Department of Public Works
City Engineer Division
Survey Section
333 North Rancho Dr., 8th Floor
Las Vegas, Nevada 89106

Phone (702) 229-6217
Fax (702) 804-8582

To: Michael Cunningham, Manager
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

C: Ross J. Doyle, PLS
Tri-Core Surveying

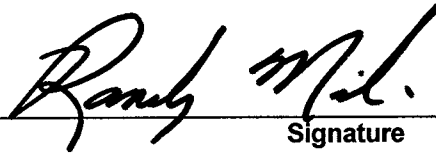
Tim Parks, P.E., Engineering Project Manager
Sanitary Sewers Section, Engineering Planning

Date: May 2, 2017

Re: Sanitary Sewer Final Location Map
CENTENNIAL AND TEE PEE BRIGHT ANGEL WAY OFFSIGHT SEWER
(Drawing No. 307V1113, L-Civil No. 58479)

The Survey Section has reviewed the Final Location Map and as far as our jurisdiction of this project is concerned, we find that the map is:

Acceptable: May 2, 2017

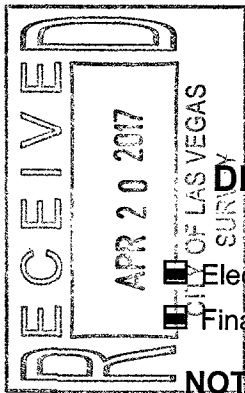

Signature

City Surveyor

FOR Title

Public Works/Survey
Department/Division

ARR/OS:js



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: Centennial and Tee Pee Bright Angel Way Offsite Sewer Facilities UNIT: _____ PHASE: _____

PROJECT LOCATION: Bright Angel Way & Tee Pee Lane in Las Vegas, NV

CLV PLAN #: _____ CLV PROJECT # _____ SHEET NO. (S): 4,5 of 5

OF MANHOLES 3 PUB. SEWER/STORM DRAIN LIN. FT. _____ # OF PRIVATE LATERALS _____

DEVELOPER: Lennar Homes

PHONE: 702-736-9100

FAX: 702-453-0801

SURVEY CO.: Tri-Core Surveying

PHONE: 702-821-1554

FAX: 702-870-4378

CONTRACTOR: Pacific Pipeline

PHONE: 702-750-0533

FAX: _____

CONTRACTOR'S SUPERVISOR NAME: Luis Franco

MOBILE: 702-339-0715

DATE OF REQUEST: April 10, 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: 8/2/17 NOT ACCEPTABLE BY CITY SURVEYOR DATE _____

CLV SURVEYOR'S SIGNATURE: *Randy M. L.* DATE: 8/2/17

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 H58479 SS1
PROJECT NAME CENTENNIAL AND TEE PEE BRIGHT ANGEL WAY OFFSIGHT
WORK AUTH. NO. P28000
SUBMITTED BY Tri-Core Surveying (Ross J. Doyle)
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 5/1/17
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