

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: James T. Stovall, PLS
Taney Engineering

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

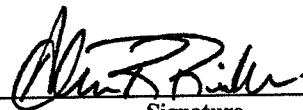
Date: November 30, 2020

Re: Sanitary Sewer Final Location Map
CENTENNIAL & FORT APACHE
(Drawing No. 107Y5089, L-Civil No. L18-02344)

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: 11/30/2020

****See attached comments and update Benchmark statement on hardcopy sealed map to be submitted.**



Signature

City Surveyor
Title

Public Works/Survey
Department/Division

ARR/OS:mj



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
SANITARY SEWER
FINAL LOCATION MAP

JOB NUMBER L18-02344 SS1
PROJECT NAME CENTENNIAL & FORT APACHE
WORK AUTH. NO. P28000
SUBMITTED BY TANEY (JAMES T. STOVALL)
PROJECT TYPE CIP ☐ Land Dev ☐ Street Rehab ☐
DATE 11/25/2020
REVIEWED BY O. Santana

REVIEW DETERMINATION

- ☒ Approved See BM comment
☐ 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	☐	☒	☐	Use a CLV benchmark
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
Update benchmark statement and submit sealed map.

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 & Fort Apache UNIT: PHASE:
PROJECT LOCATION:
CLV PLAN #: 107Y5029 CLV PROJECT # L18-02344 SHEET NO. (S): 1
OF MANHOLES 4 PUB. SEWER/STORM DRAIN LIN. FT 566 # OF PRIVATE LATERALS 18
DEVELOPER: ADRIEN HOMES PHONE: 702-365-2582 FAX:
SURVEY CO.: Tracy Eng. PHONE: 702-362-8844 FAX: 702-362-5233
CONTRACTOR: ADRIEN HOMES PHONE: 702-365-8588 FAX:
CONTRACTOR'S SUPERVISOR NAME: ANDREW ACUNA MOBILE:
DATE OF REQUEST:

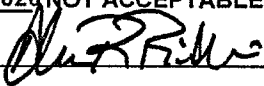
**SUBMIT DIRECTLY TO THE OFFICE OF THE CITY
SURVEYOR LOCATED ON THE 8th FLOOR OF THE
DSC / 333 N Rancho, 89106**

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

CITY USE ONLY

DATE AND INITIALS / RECEIVED BY THE CITY SURVEYOR 10/26/2020-MAJ

ACCEPTABLE BY CITY SURVEYOR DATE: 11/25/2020 NOT ACCEPTABLE BY CITY SURVEYOR DATE

CLV SURVEYOR'S SIGNATURE:  DATE: 11-30-2020

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.

FORT CENTENNIAL & FORT APACHE AS SHOWN IN BOOK 158 PAGE 89
OF PLATS, CLARK COUNTY, NEVADA, OFFICIAL RECORDS, LYING
WITHIN NORTHEAST QUARTER (NE 1/4) SECTION 30, TOWNSHIP 19
SOUTH, RANGE 60 EAST M.D.M., CITY OF LAS VEGAS, CLARK COUNTY,
NEVADA.

THE BASIS OF BEARINGS IS GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 115°35' WEST OF THE GREENWICH MERIDIAN.

CITY OF LAS VEGAS BENCHMARK ID: 5LV9020SWS
RIVET & PLATE IN CONCRETE PAD(ELEC.) 130'+/- NE OF CENTENNIAL
PKWY & FT. APACHE
PER C.L.V. B.M. APP ELEV=796.97 METERS (NAVD88) OR 2614.74 FEET
2008 CLV ADJUSTMENT

The diagram is a site plan showing a street intersection. Centennial Parkway runs horizontally across the top. Regena Avenue runs vertically on the left side. Chiefain Street runs vertically on the right side. A rectangular area, shaded with diagonal hatching, is located on the east side of Centennial Parkway, between Regena Avenue and Chiefain Street. This area is labeled 'PROJECT SITE' with an arrow pointing to it. The text 'CENTENNIAL PARKWAY' is written above the horizontal street. The text 'REGENA AVENUE' is written below the horizontal street on the left. The text 'CHIEFAIN STREET' is written vertically along the right side of the vertical street. A north arrow is located in the top right corner of the diagram.

AC	ASPHALTIC CONCRETE	N	NORTH
BC	BACK OF CURB	NTS	NOT TO SCALE
BVC	BACK OF CURB RADIUS	ON	ON CENTER
BN	BENCHMARK	O.R.	OFFICIAL RECORDS OF CLARK COUNTY
BVR	BEGIN VERTICAL CURVE	PL	PULL BOX
CATV	CABLE TELEVISION	PC	POINT OF CURVE
CC	COUNTY	PCC	POINT OF COMPOUND CURVE
CL	CENTERLINE	PIC	POINT OF INTERSECTION
CLV	CITY OF LAS VEGAS	PL	PROPERTY LINE
CLNV	CITY OF NORTH LAS VEGAS	PLT	PLANT
CO	CLEAN OUT, SEWER	PCN	POINT OF CONNECTION
DBH	DIAMETER	PP	POWER POLE
DC	DIGESTION	PVC	POINT OF REVERSE CURVE
DCSWS	DESIGN WATER COLLECTION SYSTEMS	PT	POINT OF TANGENCY
DG	DESIGN GRADE	PRC	POLYMER REVERSE
DN	DOWN	PN	POLYNYLIN
DU	DUCTILE IRON PIPE	R	RADIUS
E	EAST	RCB	REINFORCED CONCRETE BOX
EL	ELEVATION	RCR	REINFORCED CONCRETE PIPE
EC	END OF CURVE	RI	RIGHT-OF-WAY
ED	EDGE OF PAVEMENT	RT	RIGHT
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EXP	EXISTING	SILT	STREETLIGHT
EX	EXISTING	SNWA	SOUTHERN NEVADA WATER AUTHORITY
FF	FINISH FLOOR ELEVATION	SS	SANITARY SEWER
FG	FINISH GRADE	STA	STATION
FI	FIRE HYDRANT	STD	STANDARD
FL	FLOW LINE	TSZ	TRAFFIC SIGHT VISIBILITY ZONE
FT	FEET	SW	SEWELINK
GB	GRADE BREAK	TOP	TOP OF CURB
GR	GRADE	TOP	TOP OF FOOTING
GBR	GARAGE FINISH FLOOR	TR	TOP OF RETAINING
HP	HIGH POINT	U	TOP OF WALL
INV	INVERT	TY	TYPICAL
INV	INVERT	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
LAT	LEFT	USD	UNIFORM STANDARD DRAWING
LF	LINE FEET	VC	VERTICAL CURVE
LE	LEFT	VCD	VERTICALLY LAPPED PIPE
LVWD	LAS VEGAS VALLEY WATER DISTRICT	VG	VALLEY GUTTER
MAX	MAXIMUM	V	VALLEY
M	MANHOLE	W	WATER
MIN	MINIMUM	Z	ZERO UP CURB

SUBDIVISION BOUNDARY	
ADJOINING LOT LINE	
CENTERLINE	
RIGHT-OF-WAY/LOT LINE	
SEWER LINE W/MANHOLE	
SEWER LATERAL	



AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS
AND STREET LIGHT SYSTEM
CONDUITS. IT'S COSTLY.

Call
before you

UnderGround
1-702-455-6000
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED
TRAFFIC CONTROL



FAST

Call before you
Underground

1-702-432-5300

**FREEWAY & ARTERIAL
SYSTEM OF TRANSPORTATION**



Call Before You Dig
 AVOID CUTTING UNDERGROUND
 UTILITY LINES. IT'S COSTLY.
CALL

 OR
 1-800-227-2600
 AND
 CLARK COUNTY TRAFFIC OPERATIONS
 1-800-455-6000

I, JAMES T. STOVALL, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF NEVADA AS AGENT FOR TANEY ENGINEERING, INC., DO HEREBY CERTIFY THAT:

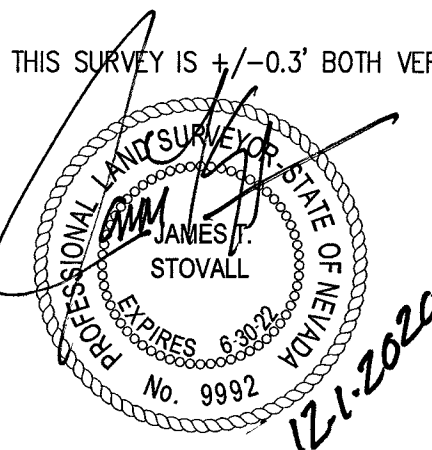
1. THIS PLAT REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION AT THE INSTANCE OF ADAVEN HOMES, INC.

2. THE LANDS SURVEYED LIE WITHIN THE WEST HALF (W 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., THE SURVEY WAS COMPLETED ON OCTOBER 23, 2020.

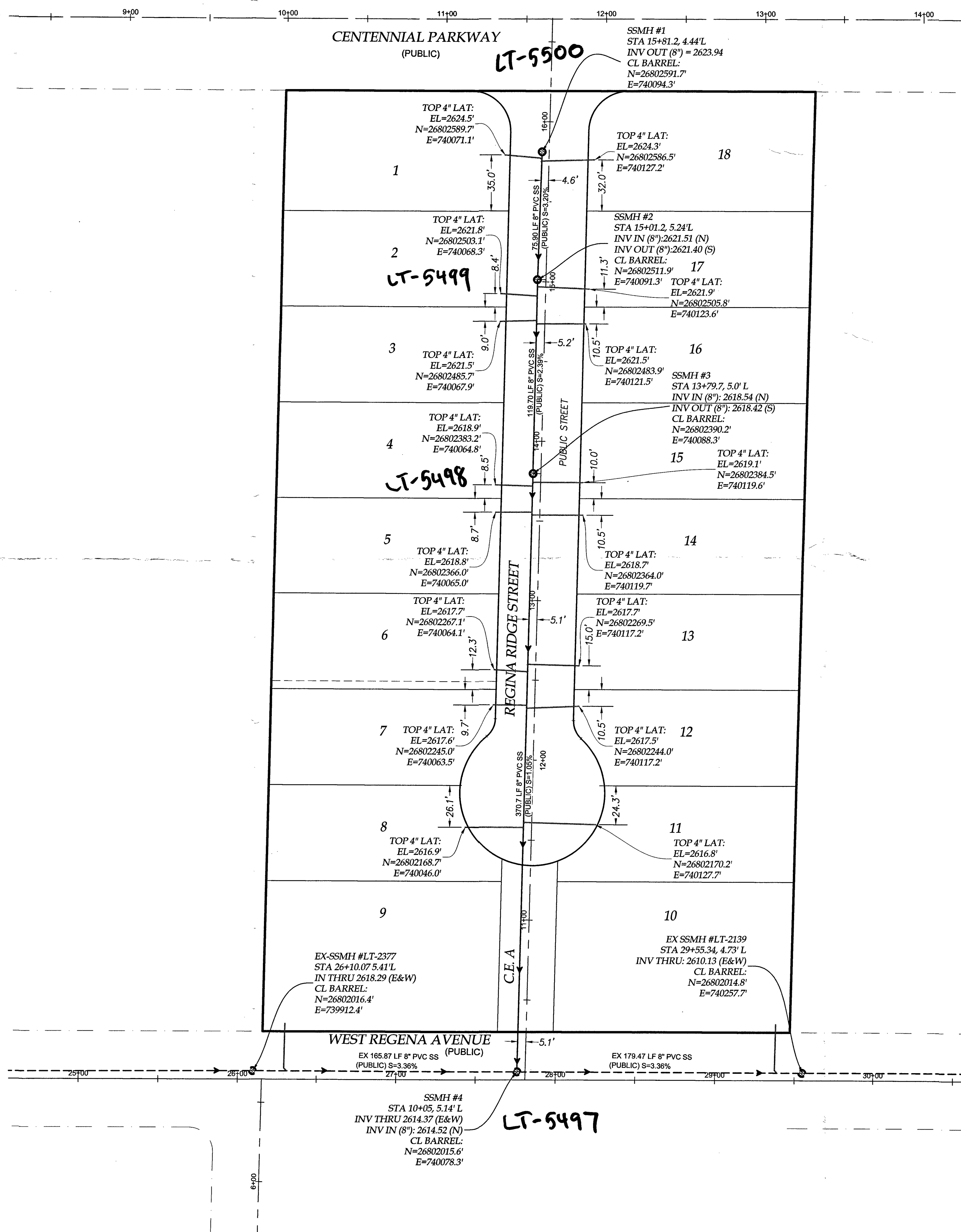
3. THIS MAP UTILIZES THE NEVADA COORDINATE SYSTEM, EAST ZONE (2701) - NAD 83 (2011) EPOCH 2010.0

4. THE POSITIONAL CERTAINTY OF THIS SURVEY IS $\pm 0.3'$ BOTH VERTICALLY AND HORIZONTALLY.

JAMES T. STOVALL
PROFESSIONAL LAND SURVEYOR
NEVADA CERTIFICATE NO. 9992



NORTH
SCALE: 1"=40'



1. SEE PROVIDED ELECTRONIC POINT FILE NAMED "L18-02344 SANITARY SEWER FINAL LOCATION" FOR COORDINATES OF SERVICE LATERAL ANGLE POINTS AND CONNECTIONS TO SEWER MAIN LINE NOT SHOWN ON THIS MAP.

ENGINEER'S SEAL					
DATE:		10/26/2022			
SCALE:		1"=4'			
JOB NO:		ADV-17-08			
DRAWN BY:		jt			
CHECKED BY:		jt			
SHEET NAME:		UT			
SHEET: 1 OF 1					
CLV DRAWING # 107Y5089 CLV # -L18-02344					