

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: Grand Canyon & Alexander UNIT: N/A PHASE: N/A
PROJECT LOCATION: Grand Canyon & Alexander - City of Las Vegas
CLV PLAN #: 107Y5043 CLV PROJECT # 63688 SHEET NO. (S): 1 of 1
OF MANHOLES 4 PUB. SEWER/STORM DRAIN LIN. FT. ☒ # OF PRIVATE LATERALS 12
DEVELOPER: Adaven Homes/Summit Homes PHONE: 702-834-8982 FAX: 702-998-9885
SURVEY CO.: Taney Engineering PHONE: 702-362-8844 FAX: 702-362-5233
CONTRACTOR: Andrew Acuna/Don Davis PHONE: 702-834-8982 FAX: 702-998-9885
CONTRACTOR'S SUPERVISOR NAME: Andrew Acuna MOBILE: 702-580-2515
DATE OF REQUEST: 6/12/2017

**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: 6/28/17 NOT ACCEPTABLE BY CITY SURVEYOR DATE _____

CLV SURVEYOR'S SIGNATURE: _____ DATE: 6/28/17

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 H63688 SS1
PROJECT NAME GRAND CANYON & ALEXANDER
WORK AUTH. NO. P28000
SUBMITTED BY Taney Engineering
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 6/27/17
REVIEWED BY D. SANTANA

REVIEW DETERMINATION

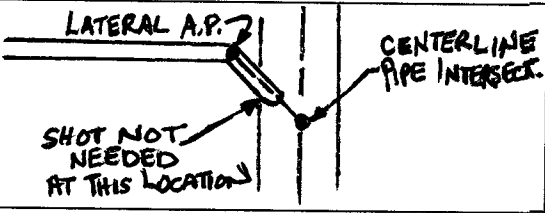
- ☒ Approved
☐ Not Acceptable

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
WHEN OBTAINING SHOTS AT THE WYE, PLEASE OBTAIN THE SHOT AT THE CENTERLINE INTERSECTION OF THE LATERAL AND MAIN. THE LOCATION WHERE THE SEWER LATERAL ENTERS THE MAIN IS NOT NEEDED.

GRAND CANYON & ALEXANDER AS SHOWN IN BOOK 152 PAGE 59 OF PLATS,
CLARK COUNTY, NEVADA, OFFICIAL RECORDS, LYING WITHIN THE EAST HALF
(E 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER
(SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 6, TOWNSHIP 20
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 9LV007N4, RIVET AND PLATE IN TOP
OF CURB, SOUTHEAST CORNER OF ALEXANDER & GRAND CANYON.

ELEV=792.842 METERS OR 2601.18 FEET (NAVD88) 2008 CLV
ADJUSTMENT

A map of the Project Site area. The map shows a grid of streets. The streets are labeled as follows: JENSEN STREET (vertical, on the left), CRAIG ROAD (horizontal, top), HELENA AVENUE (horizontal, second from top), HICKAM AVENUE (horizontal, third from top), GRAND CANYON DRIVE (vertical, second from left), PEE PEE LANE (vertical, third from left), ALEXANDER ROAD (horizontal, bottom), and FORT APACHE ROAD (vertical, on the right). A shaded rectangular area is located at the intersection of JENSEN STREET and GRAND CANYON DRIVE, labeled "PROJECT SITE". A north arrow is located to the right of the map, pointing upwards, with the label "NTS" (Not To Scale) below it.

(IN FEET)
1 inch = 40 ft.

AC	ASPHALTIC CONCRETE	N	NORTH
BA	BACK OF CURB	N	NOT TO SCALE
BGR	BENCH MARK	OC	ON CENTER
BVC	BEGIN VERTICAL CURVE	OR	OFFICIAL RECORDS OF CLARK COUNTY
CATV	CABLE TELEVISION	PB	POLL BOX
CL	CLARK COUNTY	PC	POINT OF CURVE
CL	CENTERLINE	PCC	POINT OF COMPOUND CURVE
CL	CITY OF LAS VEGAS	PI	POINT OF INTERSECTION
CLV	CITY OF LAS VEGAS	PL	PROPERTY LINE
CNVL	CITY OF NORTH LAS VEGAS	PLT	PLATE
CO	CLEAN OUT, SEWER	PLT	POINT OF CONNECTION
COH	CITY OF HENDERSON	PP	POWER POLE
CUBIC YD	CUBIC YARD	PRC	POINT OF REVERSE CURVE
CSMS	DESIGN AND CONSTRUCTION STANDARDS OF	PRC	POINT OF RECONSTRUCTION
D	DESIGN	PVC	POLYVINYL CHLORIDE
DIP	DRAIN	PVC	POLYVINYL CHLORIDE
DP	DUCTILE IRON PIPE	RCB	REINFORCED CONCRETE PIPE
E	EAST	RCB	REINFORCED CONCRETE PIPE
EL	ELEVATION	R/W	RIGHT-OF-WAY
EC	END OF CURVE	RT	RIGHT
EP	EDGE OF PAVEMENT	ST	STORM DRAIN
EV	END VERTICAL CURVE	SWA	STREETLIGHT
EX	EXISTING	SWA	SOUTHERY NADRA WATER AUTHORITY
FG	FINISH FLOOR ELEVATION	STA	STATION
FG	FINISH FLOOR	STA	STATION
FI	FINISH HYDRANT	STB	STANDARD
FL	FLOW LINE	SVZ	SOFT VISIBILITY ZONE
FL	FLOOR	SW	SIDEWALK
GB	GRADE BREAK	TC	TOP OF CURB
GF	GRADE FINISH FEET	TC	TOP OF FOOTING
HP	HIGH POINT	TR	TOP OF RETAINING
IN	INVERT	TW	TOP OF WALL
INT	INTERSECTION	TYP	TYPICAL
LAV	LAS VEGAS LATERAL	UOCS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
LF	LEAF LINE	USD	UNIFORM STANDARD DRAWING
LF	LEFT	VS	VERTICAL CURVE
LVMD	LAS VEGAS VALLEY WATER DISTRICT	VS	VERTICAL CURVE
MAX	MAXIMUM	VG	VALLEY CUT
MH	MANHOLE	VG	VALLEY CUT
MIN	MINIMUM	W	WATER
		WZ	ZERO LIP 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



FAST

Call
before you

Underground

1-702-432-5300

FREEMAN & ARTERIO
SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

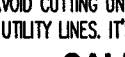


CALL BEFORE YOU GO OVERHEAD

1-702-227-2929

Call Before You Dig

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.



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:

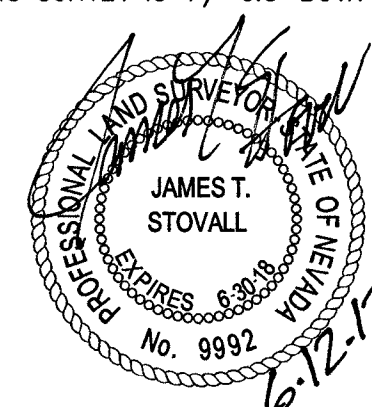
1. THIS PLAT REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION AT THE INSTANCE OF SUMMIT GRAND CANYON LLC.

2. THE LANDS SURVEYED LIE WITHIN THE THE EAST HALF (E 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 6, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA. THE SURVEY WAS COMPLETED ON NOVEMBER 23, 2016.

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

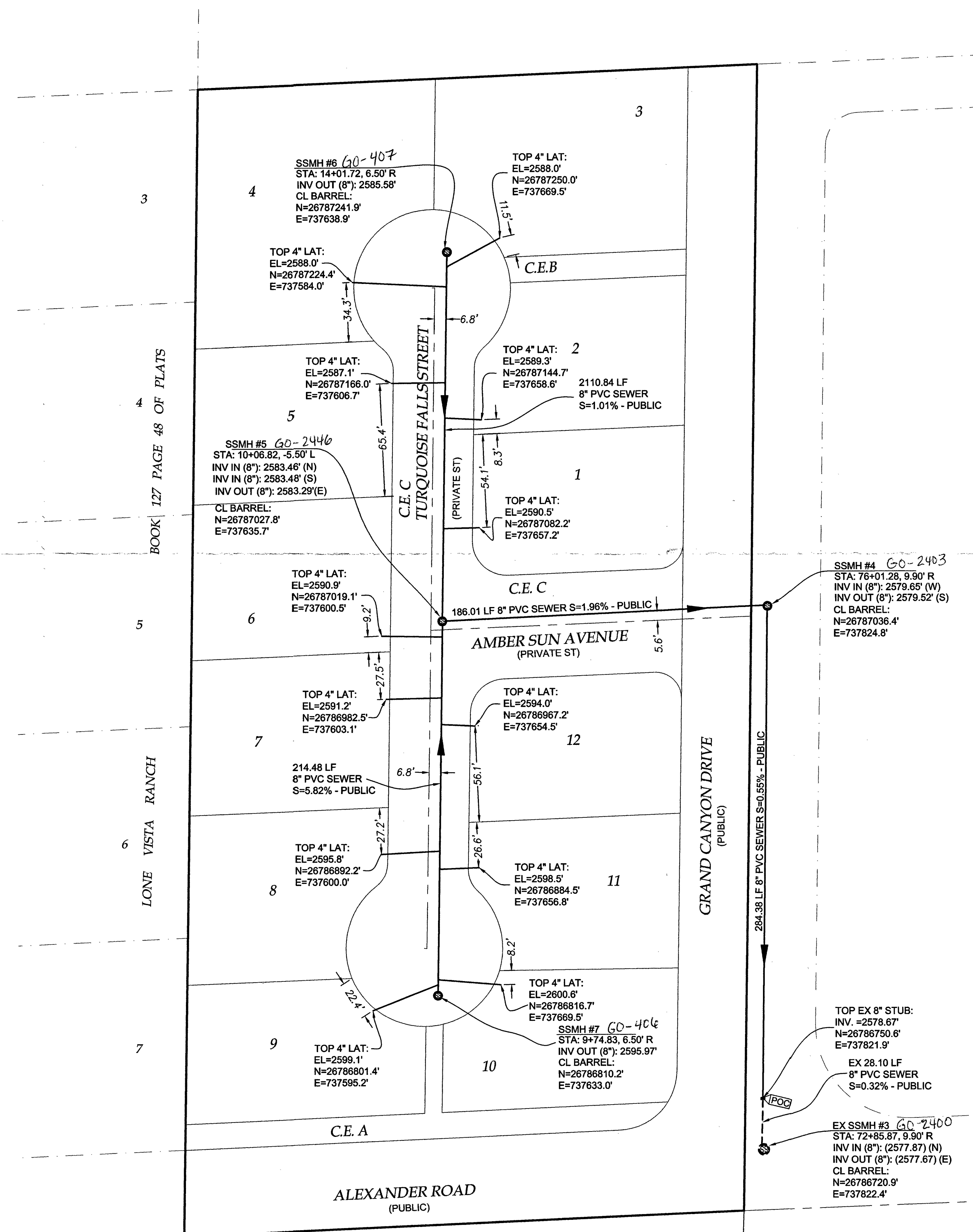
4. THE POSITIONAL CERTAINTY OF THIS SURVEY IS $\pm 0.3'$ BOTH VERTICALLY AND HORIZONTALLY.

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



NORTH
SCALE: 1"=40'

ENGINEER'S SEAL					
DATE:		11/23/17			
SCALE:		AS SHOWN			
JOB NO:		ADV-15-01			
DRAWN BY:		E			
CHECKED BY:		JT			
SHEET NAME:		UT			
SHEET:					
1		OF		1	
CLV DRAWING # 107Y5043 CLV HANSEN # 63688					



SEE PROVIDED ELECTRONIC POINT FILE NAMED "H63688 SANITARY SEWER
FINAL LOCATION" FOR COORDINATES OF SERVICE LATERAL CONNECTIONS TO
SEWER MAIN LINE NOT SHOWN ON THIS MAP.

FILE NAME: SEWER ASBRIIT