

# Memorandum

Department of Public Works  
City Engineer Division  
Survey Section  
333 North Rancho Dr., 8<sup>th</sup> 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 *MR*  
City Surveyor

C: Lance M. West, PLS  
Wallace Morris Kline Surveying

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

Date: January 5, 2021

Re: Sanitary Sewer Final Location Map  
ALEXANDER JULIANO EAST  
(Drawing No. 107Y5120, L-Civil No. L19-02335)

---

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: 01/05/2021

  
Signature

*For:* City Surveyor  
Title

Public Works/Survey  
Department/Division

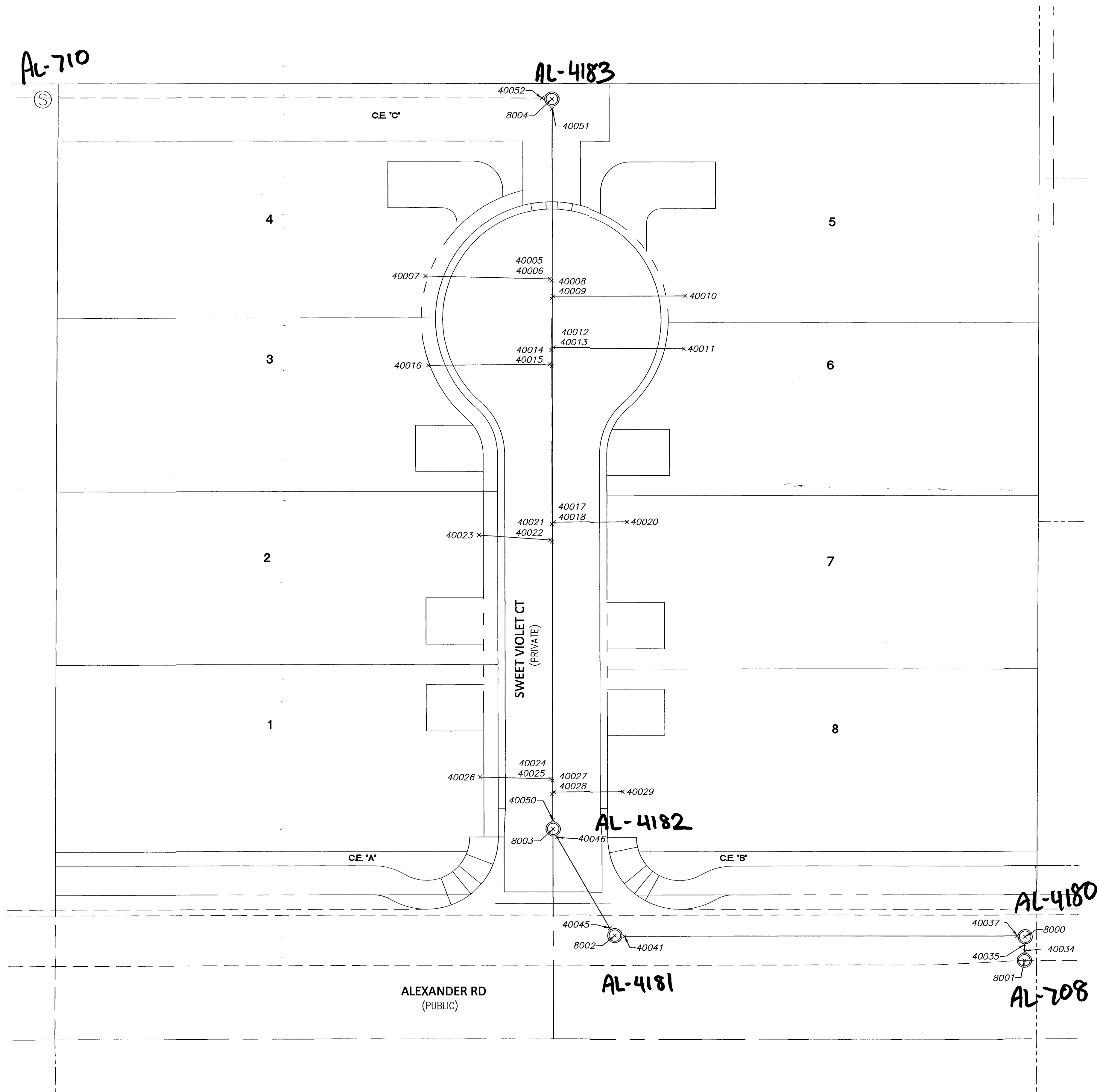


# SANITARY SEWER FINAL LOCATION MAP FOR ALEXANDER JULIANO EAST

A COMMON INTEREST COMMUNITY

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST (SE 1/4) OF SECTION 5,  
TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

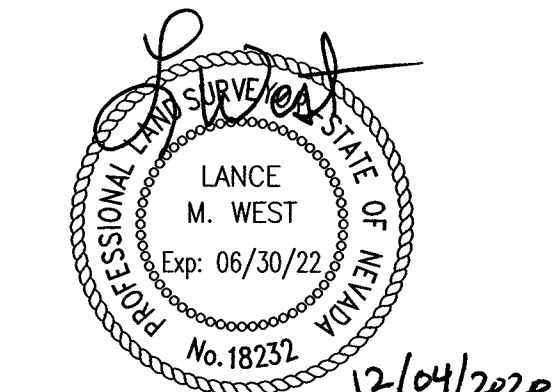
AL-710



**SURVEYOR'S STATEMENT**

SURVEY WAS COMPLETED ON NOVEMBER 16, 2020  
 1) THE POSITIONAL CERTAINTY FOR THIS SURVEY IS 0.3' HORIZONTAL AND 0.3' VERTICAL BASED ON NAD83(2011), EPOCH 2010.00  
 2) THE POSITIONAL CERTAINTY STATED DOES NOT TAKE INTO ACCOUNT ANY MODIFICATIONS TO THE PIPE, MANHOLES OR LATERALS COMPLETED AFTER THE DATE OF SURVEY.

LANCE M. WEST  
 PROFESSIONAL LAND SURVEYOR  
 NEVADA LICENSE NO. 18232



**BASIS OF BEARINGS**

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.  
 ZONE: LAS VEGAS ZONE  
 DATUM (REFERENCE FRAME): NAD 1983(2011) EPOCH 2010.00  
 SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)  
 PROJECTION: TRANSVERSE MERCATOR  
 STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N  
 LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W  
 NORTHING AT GRID ORIGIN: 200,000.00 M (656,166.6667 FEET US)  
 EASTING AT CENTRAL MERIDIAN: 100,000.00 M (328,083.3333 FEET US)  
 SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

**NOTES:**

1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION.
2. GRID BEARING SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARING DUE TO MERIDIAN CONVERGENCE.

**BENCHMARK**

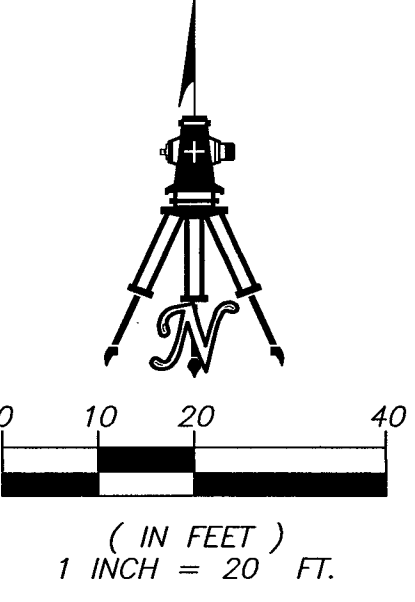
0LV005SEE6 - BEING A RIVET AND PLATE IN TOP OF CURB ON THE WEST SIDE OF ISLAND IN DURANGO DR. AT +/- 320' SW OF HICKAM AVE.  
 2396.77 US SURVEY FEET  
 730.537 METERS  
 N.A.V.D. 88 DATUM

**NOTES**

- 1) SEE ELECTRONIC FILE "ALEXANDER JULIANO EAST-SS-PNTS-NCRS.TXT" FOR COORDINATES.

**LEGEND**

-----	RIGHT-OF-WAY LINE	CL BARREL	CENTER OF MANHOLE BARREL
-----	STREET CENTERLINE	SWR-Y	SHOT TAKEN ON TOP OF PIPE AT SEWER Y
-----	SEWER LINE	SWR-LATERAL	SHOT TAKEN ON TOP OF PIPE AT SEWER LATERAL
x	POINT LOCATION	PIPE-TOP	SHOT TAKEN ON TOP OF PIPE
23118	POINT NUMBER		



SHEET 1 OF 1

H# 19-02335  
 CLV# 107Y5120

**SANITARY SEWER FINAL LOCATION MAP  
ALEXANDER JULIANO EAST**  
 A COMMON INTEREST COMMUNITY  
 A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST (SE 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

**WALLACE · MORRIS · KLINE**  
 SURVEYING, L.L.C.  
 LAND SURVEY CONSULTING  
 5740 SOUTH ARVILLE STREET, #206  
 LAS VEGAS, NEVADA 89118  
 PH: 702.212.3967 FX: 702.212.3963