

# 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) 363-1051

## DEVELOPER'S SUBMITTAL OF GPS COORDINATES

- Sewer                       Storm Drain
- Electronic Comma Delineated File
- Final Location Map (2)

**NOTE: THE TOP PART OF THIS FORM MUST BE FILLED OUT IN ITS ENTIRETY**

PROJECT NAME: AMENDED DELANO PHASE 2 (SUMMERLIN VILLAGE 23B-PARCEL "RS") UNIT: N/A PHASE: 2

PROJECT LOCATION: FOX HILL DRIVE & ALTA DRIVE

CLV PLAN #: 107Y4995-2 CLV PROJECT # 53282 SHEET NO. (S): 3

# OF MANHOLES 15 PUB. SEWER/STORM DRAIN LIN. FT. 2876 # OF PRIVATE LATERALS 73

DEVELOPER: LENNAR PHONE: 702-821-4850 FAX: \_\_\_\_\_

SURVEY CO.: WALLACE MORRIS KLINE PHONE: 702-212-3967 FAX: 702-212-3963

CONTRACTOR: WESTERN STATES PHONE: 702-644-1117 FAX: 702-644-1227

CONTRACTOR'S SUPERVISOR NAME: JOHN ALLRED MOBILE: 702-204-9847

DATE OF REQUEST: 05/24/19

### THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name WALLACE MORRIS KLINE Surveyor Name LANCE WEST

License # 18232 License exp. Date: 6/30/20

### CITY USE ONLY

DATE SR. INSPECTOR RECEIVED: \_\_\_\_\_ SR. INSPECTOR INITIALS: \_\_\_\_\_

DATE RECEIVED FROM SR. INSPECTOR AND SENT TO CITY SURVEYOR: \_\_\_\_\_

ACCEPTABLE BY CITY SURVEYOR DATE: 7/1/19 NOT ACCEPTABLE BY CITY SURVEYOR DATE \_\_\_\_\_

CLV SURVEYOR'S SIGNATURE: *[Signature]* DATE: 7-1-19

THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

### For Sanitary Sewer To Complete and Return to Offsite Inspection & Testing:

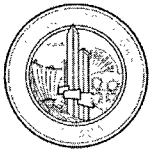
RECEIVED BY: *[Signature]*  
(PLEASE PRINT)

SIGNATURE: *[Signature]* DATE: 8/5/2019

### For Flood Control To Complete and Return to Offsite Inspection & Testing:

RECEIVED BY: \_\_\_\_\_  
(PLEASE PRINT)

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



**City of Las Vegas**  
**Department of Public Works**  
**Survey Section**

**REVIEW CHECKLIST**  
**SANITARY SEWER**  
**FINAL LOCATION MAP**

**JOB NUMBER** L-53282 SS3  
**PROJECT NAME** DELANO PHASE 2 (SUMMERLIN VILLAGE 23B PARCEL R-S)  
**WORK AUTH. NO.** P28000  
**SUBMITTED BY** WALLACE MORRS KLINE (LANCE M. WEST)  
**PROJECT TYPE** CIP  Land Dev  Street Rehab   
**DATE** 4/27/19  
**REVIEWED BY** O. 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
<b>Submittal Contents</b>				
Two bond copies (no mylar)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electronic media containing comma-separated coordinate file	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>General Map Contents</b>				
Sheet size 24" x 36"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sheet number and number of sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
North arrow (pointing up, left or right)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scale (written & graphic, correctly shown, appropriate scale used)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lettering legibility (minimum text size 0.08")	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Map title shown ("Sanitary Sewer Final Location Map")	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV project name shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Hansen No. shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Drawing No. shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Preparer's company name and contact information shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Legend (all linetypes and symbols defined)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-standard abbreviations defined	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Distances, coordinates and elevations labeled using decimal feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Approximate limits of streets shown (improvements or right-of-way)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Street names labeled (identified as public or private)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**REVIEW CHECKLIST – SANITARY SEWER FINAL LOCATION MAP**

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
<b>Sanitary Sewer Improvements Data</b>				
<b>*NOTE</b> As of December 1, 2015 <b>manhole cover locations are no longer required.</b>				
Manhole Barrel/Base: (measured horizontally at centerline of structure barrel/base, vertical location does not apply)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vaults and Junction Structures: (measured horizontally at all outer extents of structure, vertically at top of structure)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>*NOTE</b> 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.				
<b>Coordinate Information</b>				
Data acquisition completion date indicated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Coordinate system indicated (only CLV approved coordinate systems are to be used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Horizontal datum, datum adjustment, and epoch date indicated (only CLV approved datums are to be used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Benchmark ID, description, elevation indicated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Statement of positional accuracy per the tolerances indicated below	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>*NOTE</b> For all projects with improvement plans approved <b>prior to March 1, 2015</b> coordinates provided must be accurate to within <b>±0.5 feet</b> horizontally and vertically. For all projects with improvement plans approved <b>after March 1, 2015</b> coordinates provided must be accurate to within <b>±0.3 feet</b> horizontally and vertically.				
Coordinate accuracy QA/QC (when available)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

ADDITIONAL COMMENTS

# 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  
City Surveyor

C: Lance M. West, PLS  
Wallace Morris Kline

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

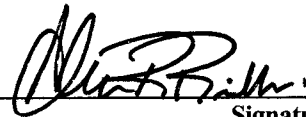
Date: July 1, 2019

Re: Sanitary Sewer Final Location Map  
DELANO PHASE 2 (SUMMERLIN VILLAGE 23B PARCEL R-S)  
(Drawing No. 107Y4995-2, L-Civil No. L-53282)

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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: June 27, 2019



Signature

City Surveyor

Title

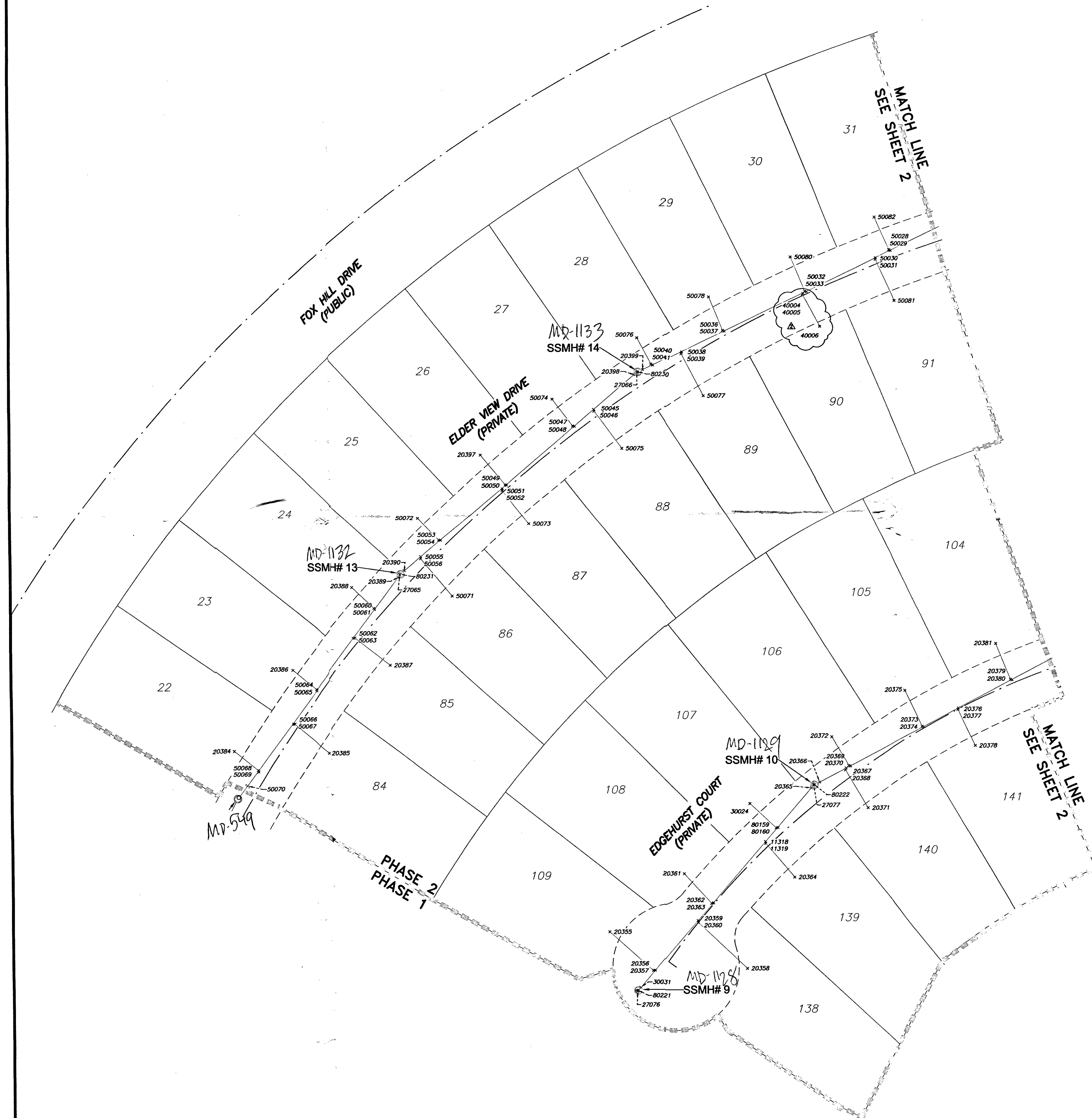
Public Works/Survey

Department/Division

# AMENDED SANITARY SEWER FINAL LOCATION MAP FOR DELANO PHASE 2 SUMMERLIN VILLAGE 23B-PARCEL RS

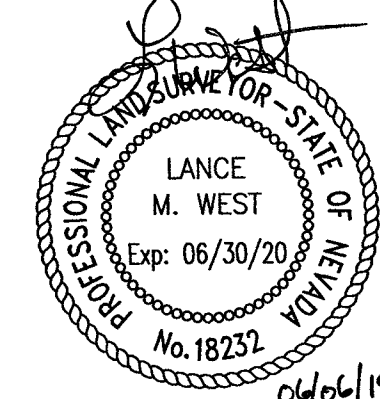
A COMMON INTEREST COMMUNITY

BEING A SUBDIVISION OF A PORTION OF PARCEL "R-S" OF "SUMMERLIN VILLAGE 23B UNIT 2" AS SHOWN BY MAP THEREOF IN BOOK 145, PAGE 83 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA



### SURVEYOR'S STATEMENT

- 1) SURVEY WAS COMPLETED ON MAY 24, 2019.
- 2) THE POSITIONAL CERTAINTY FOR THIS SURVEY IS 0.5' HORIZONTAL AND 0.5' VERTICAL BASED ON NAD83(2011), EPOCH 2010
- 3) 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 SYSTEM.  
 ZONE: NEVADA EAST ZONE (2701)  
 DATUM (REFERENCE FRAME): NAD 1983(2011), EPOCH 2010  
 SYSTEM: NEVADA COORDINATE SYSTEM  
 PROJECTION: TRANSVERSE MERCATOR  
 ORIGIN LATITUDE: N34°45'00.00000"  
 ORIGIN LONGITUDE: W115°35'00.00000"  
 FALSE NORTHING: 26,246,666.667 FEET  
 FALSE EASTING: 656,166.667 FEET

### 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

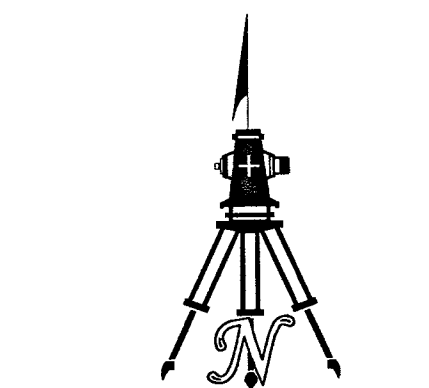
7LV0934SW6A - BEING A RIVET AND PLATE IN THE TOP OF CURB SOUTHEAST CORNER OF DESERT MOON ROAD AND DESERT SUNRISE ROAD  
 3301.47 US SURVEY FEET  
 1006.289 METERS  
 N.A.V.D. 88 DATUM

### NOTES

- 1) SEE ELECTRONIC FILE "AMENDED DELANO PHASE 2-SS-PNTS-SP.TXT" FOR COORDINATES.
  - 2) ORIGINAL SURVEY COMPLETED ON SEPTEMBER 11, 2015
- △ SEWER LATERAL RELOCATED

### LEGEND

---	RIGHT-OF-WAY LINE	CL BARREL	CENTER OF 48" MANHOLE BARREL
---	STREET CENTERLINE	SEWER-MH	SHOT TAKEN AT CENTER OF 24" MANHOLE LID WITH 38" COLLAR
---	SEWER LINE	SWR-Y	SHOT TAKEN ON TOP OF PIPE AT SEWER Y
x	POINT LOCATION	SWR-LATERAL	SHOT TAKEN ON TOP OF PIPE AT SEWER LATERAL
23118	POINT NUMBER	PIPE-TOP	SHOT TAKEN ON TOP OF PIPE
⊙	SEWER MANHOLE		
21	LOT NUMBER		



( IN FEET )  
1 INCH = 40 FT.

SHEET 1 OF 3

AMENDED SANITARY SEWER FINAL LOCATION MAP  
DELANO PHASE 2  
A COMMON INTEREST COMMUNITY  
BEING A SUBDIVISION OF A PORTION OF PARCEL "R-S" OF "SUMMERLIN VILLAGE 23B UNIT 2" AS SHOWN BY MAP THEREOF IN BOOK 145, PAGE 83 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

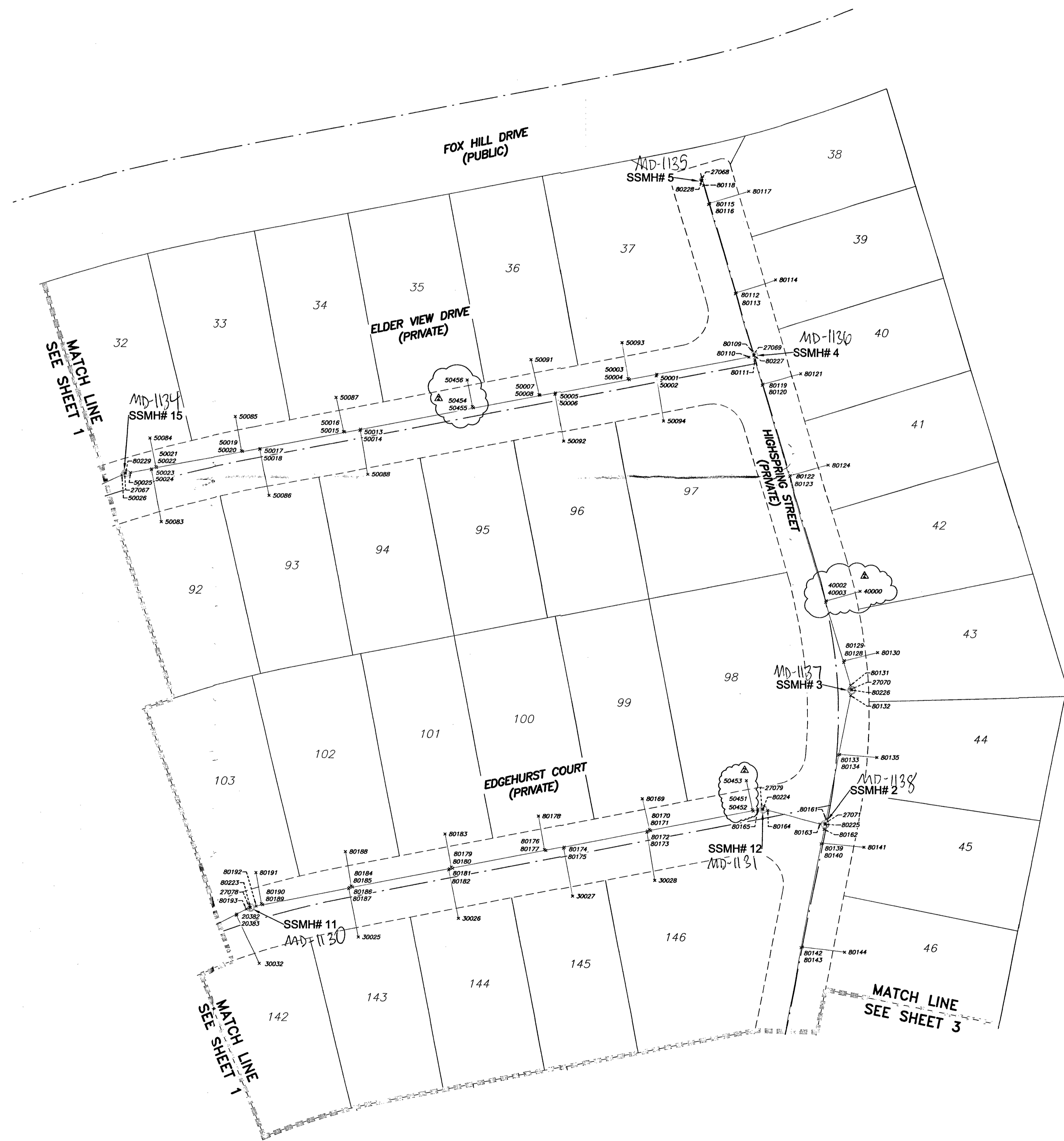
**WALLACE · MORRIS · KLINE**  
SURVEYING, LLC.  
LAND SURVEY CONSULTING  
5740 SOUTH ARVILLE STREET, #206  
LAS VEGAS, NEVADA 89118  
PH:702.212.3967 FX:702.212.3963



# AMENDED SANITARY SEWER FINAL LOCATION MAP FOR DELANO PHASE 2 SUMMERLIN VILLAGE 23B-PARCEL RS

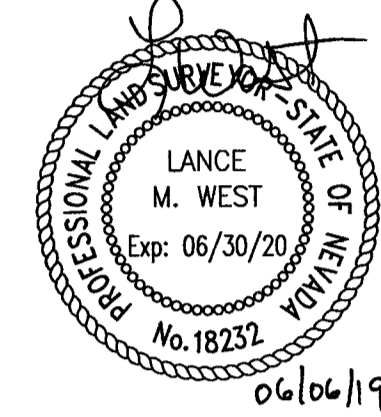
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LANCE M. WEST  
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### BENCHMARK

7LV0934SW6A - BEING A RIVET AND PLATE IN THE TOP OF CURB SOUTHEAST CORNER OF DESERT MOON ROAD AND DESERT SUNRISE ROAD

3301.47 US SURVEY FEET  
1006.289 METERS

N.A.V.D. 88 DATUM

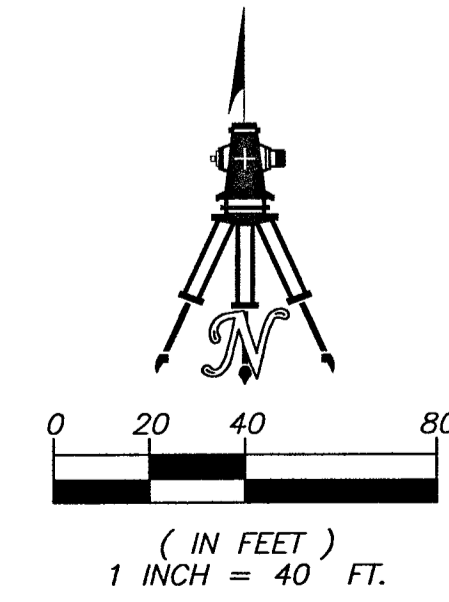
### NOTES

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△ SEWER LATERAL RELOCATED

### LEGEND

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H# 53282  
DWG# 107Y4995-2

**AMENDED SANITARY SEWER FINAL LOCATION MAP  
DELANO PHASE 2  
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BEING A SUBDIVISION OF A PORTION OF PARCEL "R-S" OF "SUMMERLIN VILLAGE 23B UNIT 2" AS SHOWN BY MAP THEREOF IN BOOK 145, PAGE 83 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.



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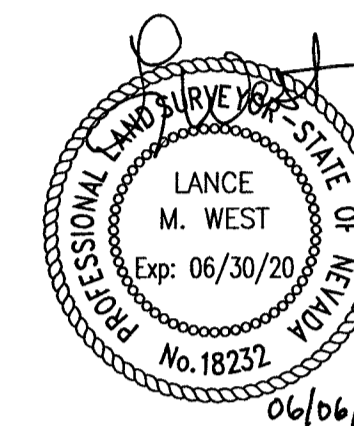
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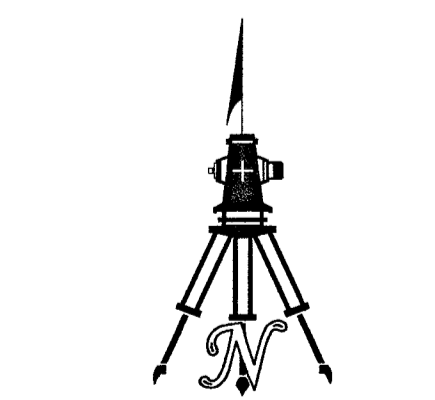
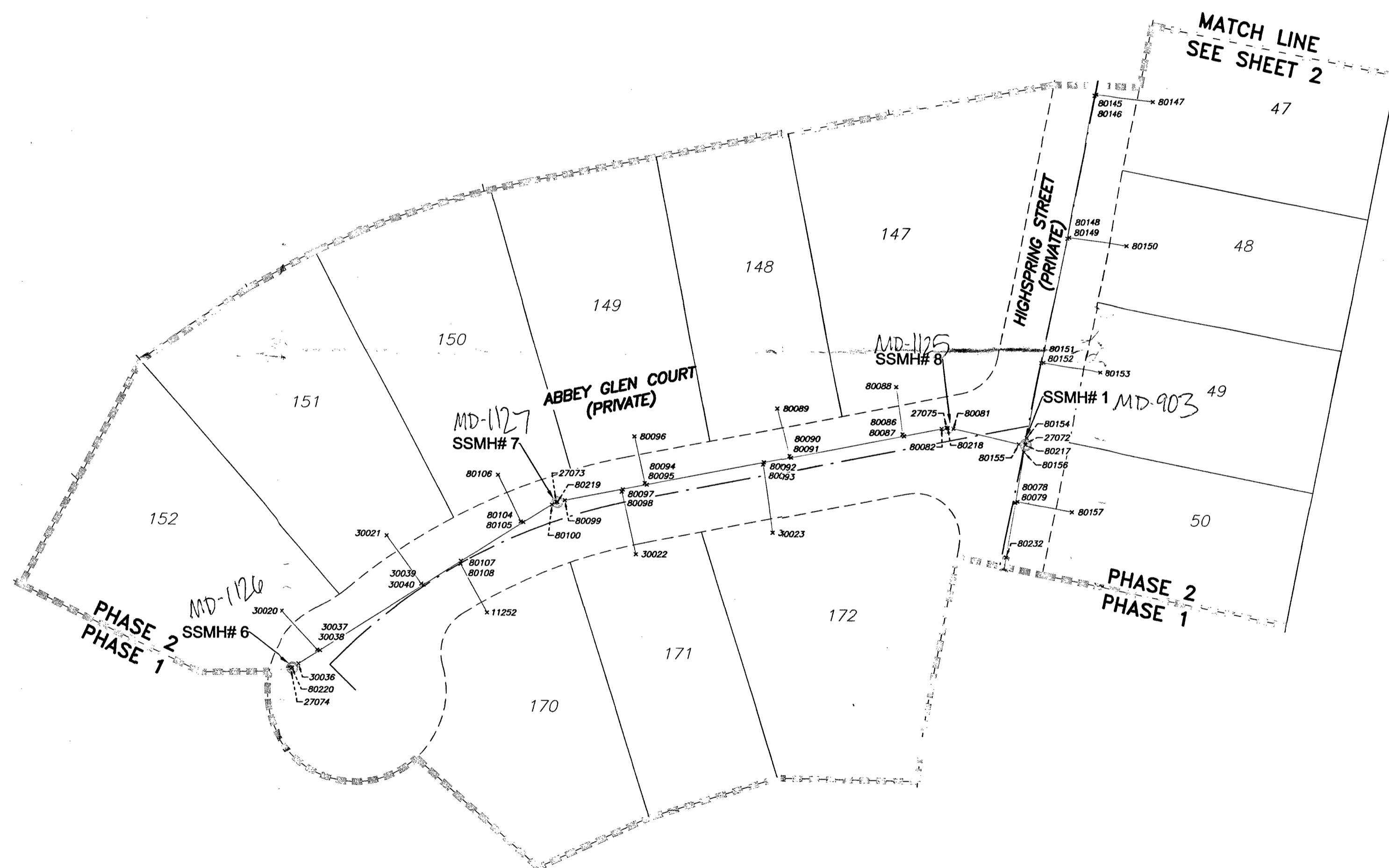
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