

# 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

Oh-Sang Kwon, P.E., Engineering Project Manager  
Flood Control Section, Engineering Planning

Date: February 9, 2021

Re: Storm Drain Final Location Map  
CRYSTAL CANYON UNIT 1  
(Drawing No. 107Y5130, L-Civil No. L20-00432)

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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: 02/09/21

*MR*  
\_\_\_\_\_  
Signature

*For:* City Surveyor  
\_\_\_\_\_  
Title

Public Works/Survey  
\_\_\_\_\_  
Department/Division

ARR/OS:mj

**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: CRYSTAL CANYON UNIT 1 UNIT: 1 PHASE: N/A  
PROJECT LOCATION: RIDGE PINE STREET AND REDPOINT DRIVE  
CLV PLAN #: L20-00432 CLV PROJECT #: 107Y5130 SHEET NO. (S): 1  
# OF MANHOLES 1 PUB. SEWER/STORM DRAIN LIN. FT. 483 # OF PRIVATE LATERALS N/A  
DEVELOPER: WOODSIDE HOMES OF NEVADA LLC. PHONE: 702-889-7824 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: FAUSTINO GUERRAS MOBILE: 702-204-9827  
DATE OF REQUEST: 01/27/2021

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

Company Name WALLACE MORRIS KLINE Surveyor Name LANCE WEST  
License # 18232 License exp. Date: 6/30/22

**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: 2/3/21 NOT ACCEPTABLE BY CITY SURVEYOR DATE \_\_\_\_\_

CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 2/3/21

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: \_\_\_\_\_  
(PLEASE PRINT)

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

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

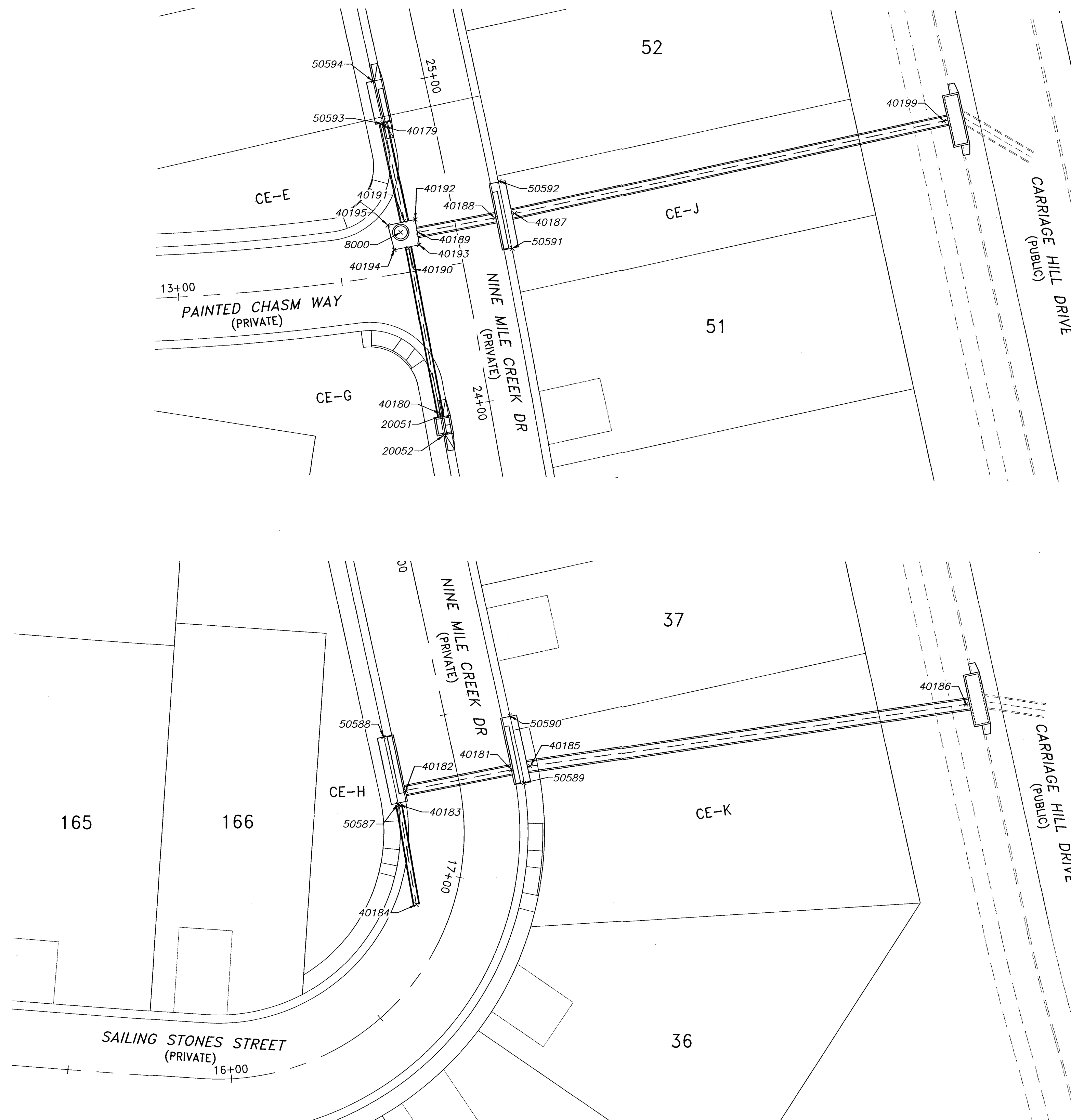
RECEIVED BY: \_\_\_\_\_  
(PLEASE PRINT)

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

# STORM DRAIN FINAL LOCATION MAP FOR CRYSTAL CANYON UNIT 1 SUMMERLIN VILLAGE 21 PARCEL A AND B

A COMMON INTEREST COMMUNITY

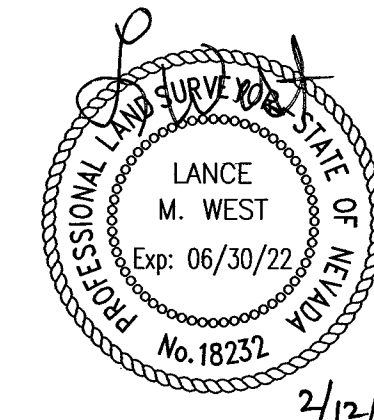
BEING A MERGER AND RESUBDIVISION OF LOT A AND LOT B OF THAT CERTAIN FINAL MAP ENTITLED "SUMMERLIN VILLAGE 21 UNIT 1 - LARGE LOT FINAL MAP" ON FILE IN BOOK 158, PAGE 87 OF PLATS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA, LYING WITHIN THE WEST HALF (W1/2) OF SECTION 26, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA



## SURVEYOR'S STATEMENT

- 1) SURVEY WAS COMPLETED ON DECEMBER 18 2020.
- 2) THE POSITIONAL CERTAINTY FOR THIS SURVEY IS 0.3' HORIZONTAL AND 0.3' VERTICAL BASED ON NAD83(2011), EPOCH 2010.00
- 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 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 HIGH 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: 400,000.00 M (1,312,333.3333 FEET US)

EASTING AT CENTRAL MERIDIAN: 300,000.00 M (984,250,000.00 FEET US)

SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (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

SLV0926W6 - BEING A RIVET AND PLATE IN TOP OF CURB AT THE SE CORNER OF CARRIAGE HILL DR. AND FAR HILLS DR.

3229.29 US SURVEY FEET  
984.288 METERS

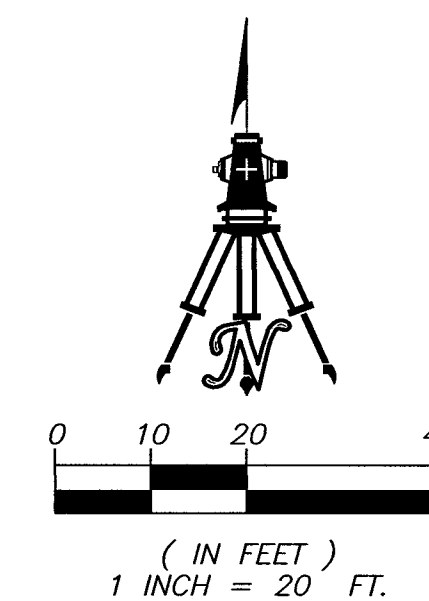
N.A.V.D. 88 DATUM

## NOTES

- 1) SEE ELECTRONIC FILE "CRYSTAL CANYON UNIT 1-SD-PNTS-NCRS.TXT" FOR COORDINATES.

## LEGEND

|       |                   |               |                                                      |
|-------|-------------------|---------------|------------------------------------------------------|
| ---   | RIGHT-OF-WAY LINE | CL BARREL     | CENTER OF MANHOLE BARREL                             |
| ---   | STREET CENTERLINE | TBC @ EDGE DI | SHOT TAKEN AT TOP BACK OF CURB AT EDGE OF DROP INLET |
| ---   | STORM LINE        | PIPE-TOP      | SHOT TAKEN ON TOP OF PIPE                            |
| x     | POINT LOCATION    |               |                                                      |
| 23118 | POINT NUMBER      |               |                                                      |
| 21    | LOT NUMBER        |               |                                                      |



SHEET 1 OF 1

H# L20-00432  
CLV DWG# 107Y5130

## STORM DRAIN FINAL LOCATION MAP CRYSTAL CANYON UNIT 1

BEING A MERGER AND RESUBDIVISION OF LOT A AND LOT B OF THAT CERTAIN FINAL MAP ENTITLED "SUMMERLIN VILLAGE 21 UNIT 1 - LARGE LOT FINAL MAP" ON FILE IN BOOK 158, PAGE 87 OF PLATS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA, LYING WITHIN THE WEST HALF (W1/2) OF SECTION 26, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA



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