

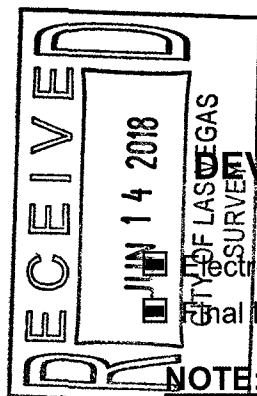


2018 SEP 6 PM 5:38

OFFSITE INSPECTION & TESTING  
333 NORTH RANCHO DRIVE  
LAS VEGAS, NV 89106  
PHONE: (702) 229-6337  
FAX: (702) 631-3000

# CITY OF LAS VEGAS

BUILDING AND SAFETY DEPARTMENT



## DEVELOPER'S SUBMITTAL OF LOCATION COORDINATES

RECEIVED

☒ Sewer

☐ Storm Drain

☒ Electronic Comma Delineated File

JUN 13 2018

☒ Final Location Map (2 copies each for either sewer OR storm drain)

City of Las Vegas  
Land Development

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

PROJECT NAME: Village 24 Crossbridge Drive Unit 3 UNIT:      PHASE:     

PROJECT LOCATION: Crossbridge Drive

CLV PLAN #: 107V7063 CLV PROJECT # 65276 SHEET NO. (S): 8-16

# OF MANHOLES 12 PUB. SEWER/STORM DRAIN LIN. FT. 1806 # OF PRIVATE LATERALS     

DEVELOPER: Howard Hughes Corporation PHONE:      FAX: 702-291-4450

SURVEY CO.: JS&S PHONE: 702-360-4838 FAX: 702-360-4839

CONTRACTOR: Contri Construction Company PHONE: 702-458-6004 FAX: 702-458-7746

CONTRACTOR'S SUPERVISOR NAME: Tommy Caviglia MOBILE: 702-289-3375

DATE OF REQUEST: 6/13/18

**SUBMIT DIRECTLY TO THE OFFICE OF THE CITY  
SURVEYOR LOCATED ON THE 8<sup>th</sup> 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: 9/6/18 NOT ACCEPTABLE BY CITY SURVEYOR DATE     

CLV SURVEYOR'S SIGNATURE: Randy W. M.L. DATE: 9/6/18

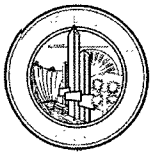
THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

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** 65276 SS2  
**PROJECT NAME** VILLAGE 24 CROSSBRIDGE DRIVE UNIT 3 STREET IMP.  
**WORK AUTH. NO.** P28000  
**SUBMITTED BY** Jemison Surveying (Raymond Jemison)  
**PROJECT TYPE** CIP ☐ Land Dev ☒ Street Rehab ☐  
**DATE** 9/5/18  
**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

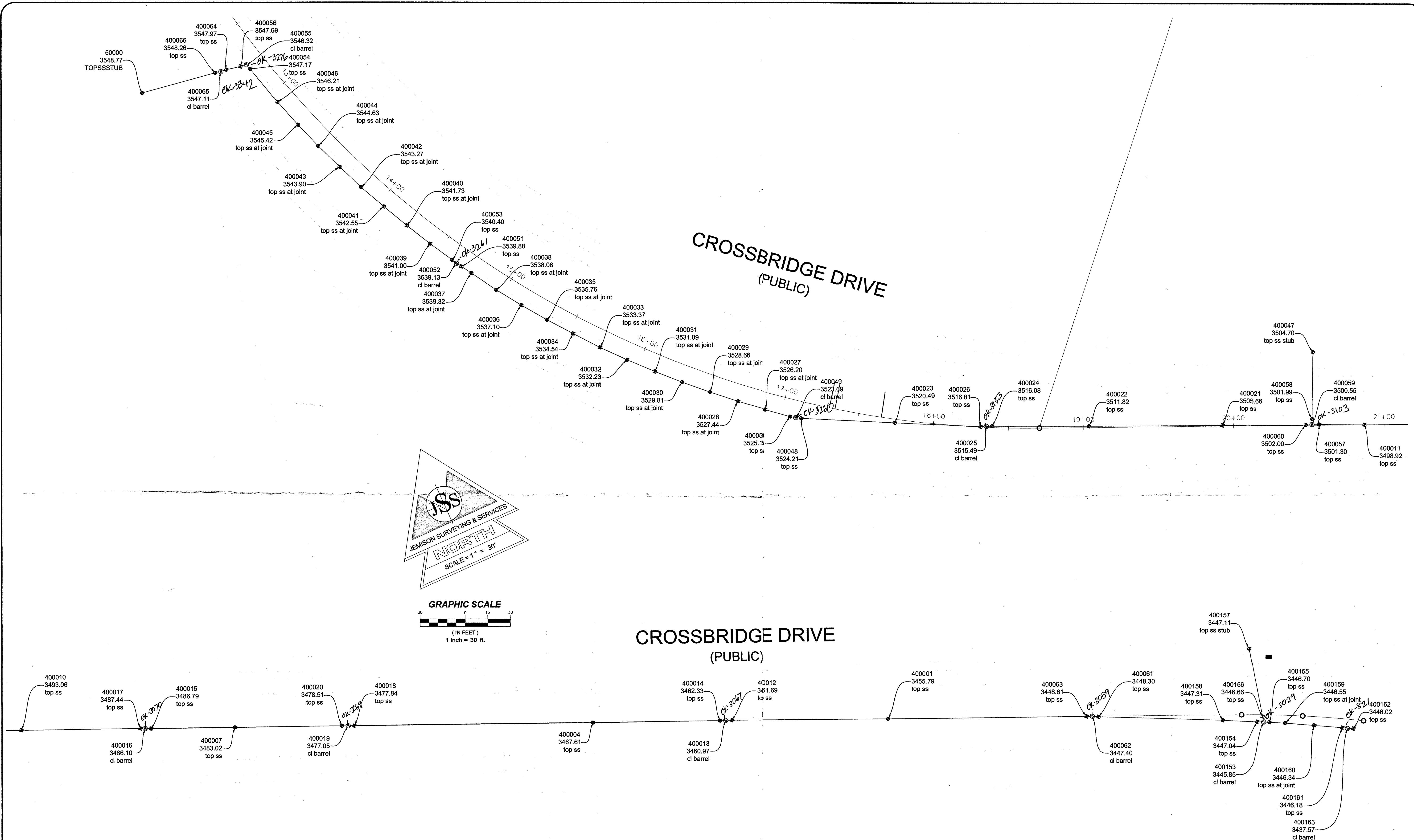
| REVIEW ITEM                                                        | OK                                  | SEE R/L                  | N/A                      | COMMENTS |
|--------------------------------------------------------------------|-------------------------------------|--------------------------|--------------------------|----------|
| <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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |          |

## REVIEW CHECKLIST – SANITARY SEWER FINAL LOCATION MAP

| REVIEW ITEM                                                                                                                                                                                                                                                                                                                                                            | OK                                  | SEE<br>R/L               | N/A                                 | COMMENTS |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|----------|
| <b>Sanitary Sewer Improvements Data</b>                                                                                                                                                                                                                                                                                                                                |                                     |                          |                                     |          |
| <b>*NOTE</b><br>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><br>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 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 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 type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |          |
| <b>*NOTE</b><br>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 |
|---------------------|
|                     |
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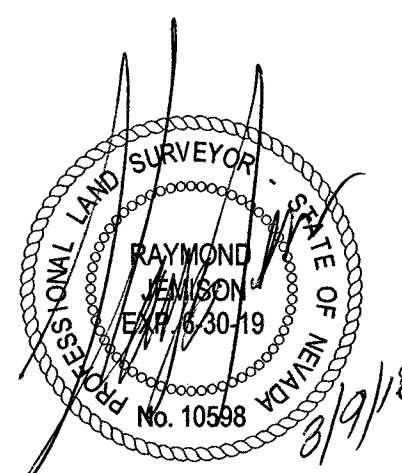
**SURVEYOR'S CERTIFICATE**

I, RAYMOND C. JEMISON, A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF NEVADA, CERTIFY THAT:

1. THE POSITIONAL CERTAINTIES OF THE AS-BUILT DATA SHOWN ARE WITHIN ±0.10(M) OR ±0.3(USFT) HORIZONTALLY AND VERTICALLY.

2. THIS AS-BUILT SURVEY WAS COMPLETED UNDER MY DIRECT SUPERVISION ON FEBRUARY 07, 2018.

RAYMOND C. JEMISON  
NEVADA P.L.S. 10598



**BASIS OF BEARING:**

GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE (2701), DETERMINED BY CLARK COUNTY GIS CONTROL UTILIZING THE TRIMBLE VRS NETWORK.

**BENCHMARK:**

CLV BM# D368  
U.S.C. & G.S. DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.  
NAVD 88 DATUM - 3246.63 (FT) 989.574 (M)  
ADJUSTMENT - 2008 CLV

**NOTES:**

1. ELECTRONIC FILE TITLED "CROSSBRIDGE U2 (SEWER).CSV" DIRECTLY REFLECTS THE POINTS SHOWN ON THIS MAP. LOCATIONS PROVIDED ARE NORTH AMERICAN DATUM 1983 (NAD83), NEVADA STATE PLANE COORDINATE SYSTEM, 2701 EAST ZONE, NATIONAL ADJUSTMENT OF 2011, EPOCH 2010.0.

**LEGEND**

== PREVIOUSLY EXISTING SANITARY SEWER  
== NEW SANITARY SEWER LINE  
--- CENTERLINE SANITARY SEWER BARREL  
--- TOP OF SANITARY SEWER PIPE  
--- INVERT OF SANITARY SEWER PIPE

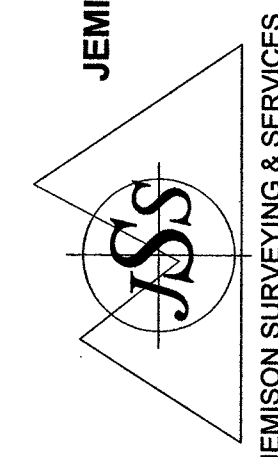
VILLAGE 24  
CROSSBRIDGE DRIVE  
UNIT 3  
FROM ALTA DRIVE TO  
CROSSBRIDGE UNIT 2  
H# 65276  
CLV# 107V7063

|             |  |
|-------------|--|
| DATE        |  |
| REV.        |  |
| DESCRIPTION |  |

|             |                 |
|-------------|-----------------|
| SCALE (H):  | 1" = 30'        |
| SCALE (V):  |                 |
| DRAWN BY:   | RPS             |
| CHECKED BY: |                 |
| SEC.        | T. S. R. PS. E. |

DATE:

JEMISON SURVEYING & SERVICES  
2690 CRIMSON CANYON DRIVE  
LAS VEGAS, NEVADA 89128  
702-360-4838 f. 702-360-4839



JOB TITLE  
V24 CROSSBRIDGE DRIVE U3  
ALTA TO CROSSBRIDGE U2  
SANITARY SEWER - FLM

DATE  
08-09-2018

JOB NO.  
137-171106

SHEET 1 OF 1