

Memorandum

Department of Public Works
City Engineer Division
Survey Section
333 North Rancho Dr., 8th 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: Trent J. Keenan, PLS
Diamondback Land Surveying

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

Date: January 29, 2019

Re: Sanitary Sewer Final Location Map
DESERT GYMCAATS
(Drawing No. 107V6746, L-Civil No. 65920)

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: January 28, 2019



Signature

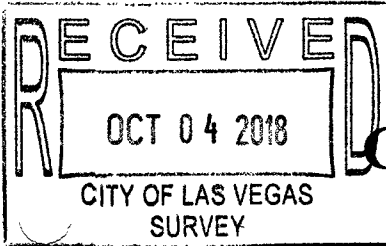
City Surveyor

Title

Public Works/Survey

Department/Division

ARR/OS:ml



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: DESERT GYMNASIUM UNIT: PHASE:
PROJECT LOCATION: 2425 LINCOLN ROAD
CLV PLAN #: CLV PROJECT # 65920 SHEET NO. (S): 13
OF MANHOLES 46.5' PUB. SEWER/STORM DRAIN LIN. FT. # OF PRIVATE LATERALS 1
DEVELOPER: DESERT GYMNASIUM, INC PHONE: 702-798-3547 FAX:
SURVEY CO.: DIAMONDBEL LAND SURVEYING PHONE: 702-823-3257 FAX: 702-933-9070
CONTRACTOR: APPROPRIATE CONCEPTS PHONE: 702-399-3370 FAX: 702-399-1970
CONTRACTOR'S SUPERVISOR NAME: ROBERT POTTER MOBILE: 702-860-8825
DATE OF REQUEST: 9/28/18

**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: 1/28/19 NOT ACCEPTABLE BY CITY SURVEYOR DATE

CLV SURVEYOR'S SIGNATURE: *Robert Potter* DATE: 1-29-19

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 L-65920 SS3
PROJECT NAME DESERT GYMCATS
WORK AUTH. NO. P28000
SUBMITTED BY Diamondback Land Surveying (Trent J. Keenan)
PROJECT TYPE CIP ☐ Land ☐ Street ☐
Dey ☐ Rehab ☐
DATE 1/28/17
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

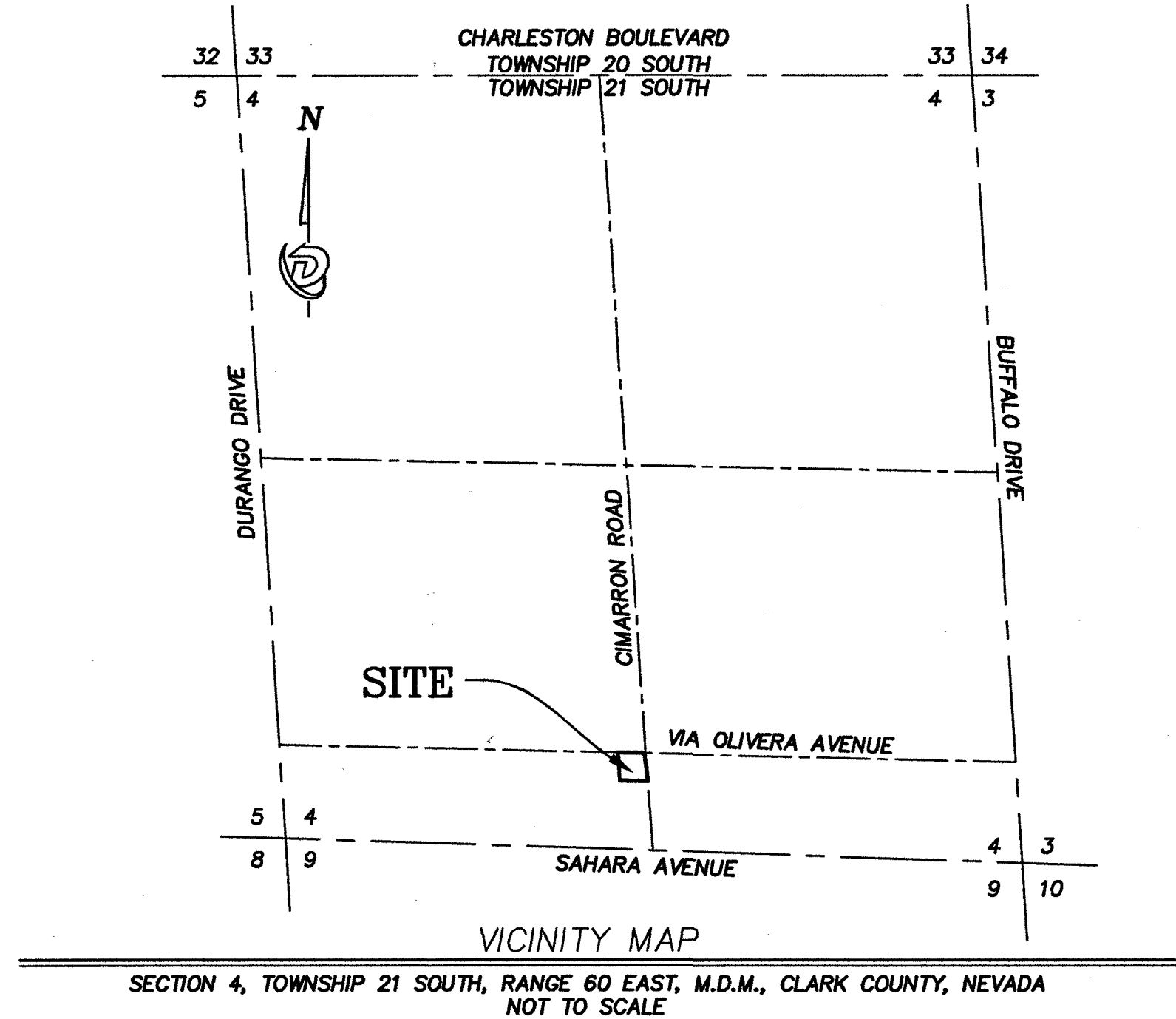
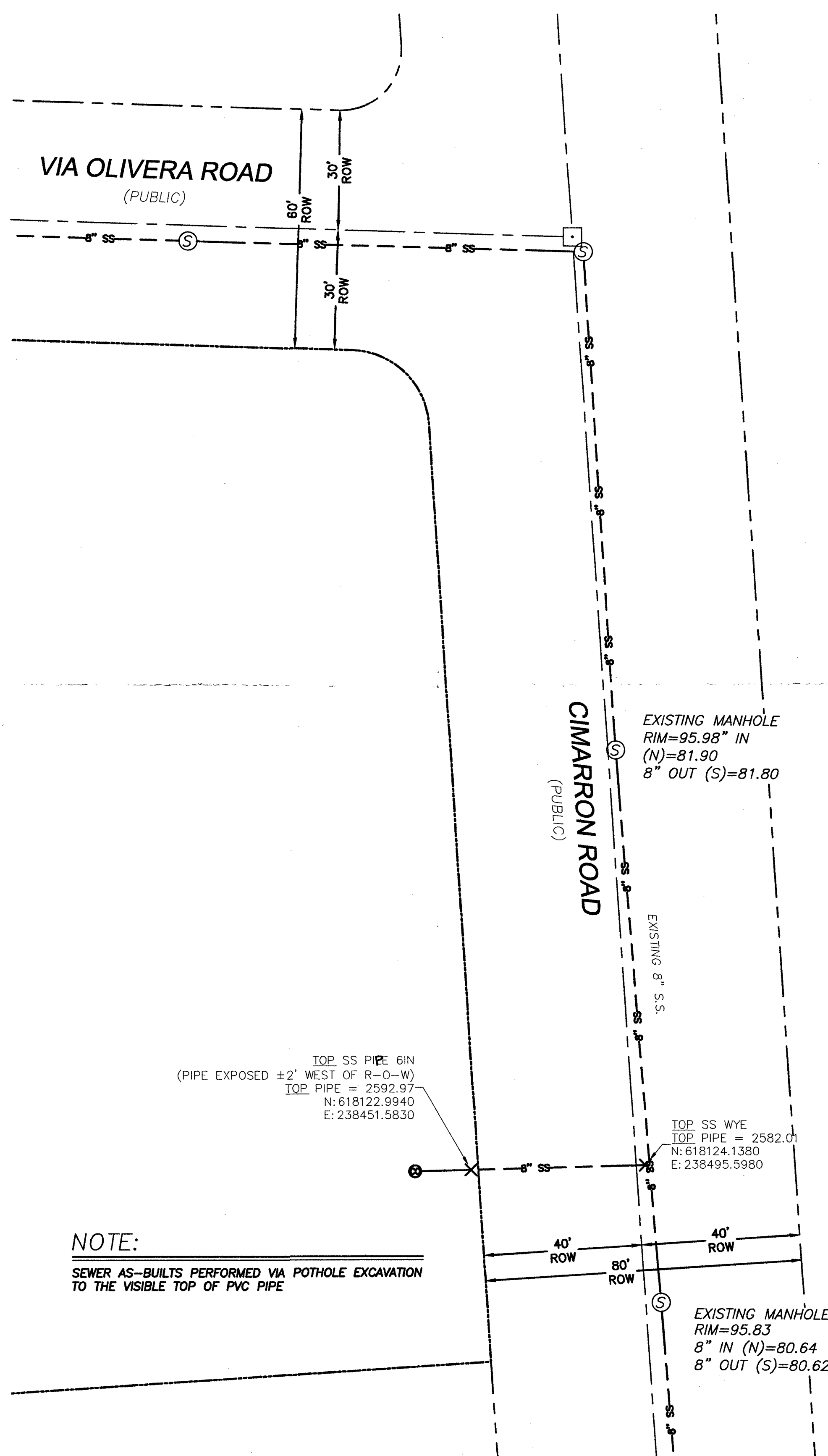
REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Submittal Contents				
Two bond copies (no mylar)	☒	☐	☐	
Electronic media containing comma-separated coordinate file	☒	☐	☐	
General Map Contents				
Sheet size 24" x 36"	☐	☐	☐	
Sheet number and number of sheets	☐	☐	☐	
North arrow (pointing up, left or right)	☐	☐	☐	
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

SANITARY SEWER FINAL LOCATION MAP
FOR
DESERT GYMCATS
JANUARY 2019



BASIS OF BEARINGS:

BASIS OF BEARINGS: GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE (LOW DISTORTION PROJECTION), NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

THE BEARING EQUATION FOR THIS PROJECT WOULD BE THE CENTERLINE OF TROPICANA AVENUE AND THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 23, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA, HAVING A BEARING OF N 89° 56' 33" W, ALSO BEING S 89° 40' 14" W AS SHOWN ON MAP THEREOF ON FILE IN FILE 41 OF PARCEL MAPS, PAGE 64, OFFICIAL RECORDS, CLARK COUNTY NEVADA.

LINEAR UNIT: US SURVEY FOOT (SFT)
DATUM (REFERENCE FRAME): NAD 1983 (2011) EPOCH 2010
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS
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: 656,166.6667 SFT (200,000.000 M)
EASTING AT CENTRAL MERIDIAN: 328,083.3333 SFT (100,000.000 M)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

- NOTES:
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
 - GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK

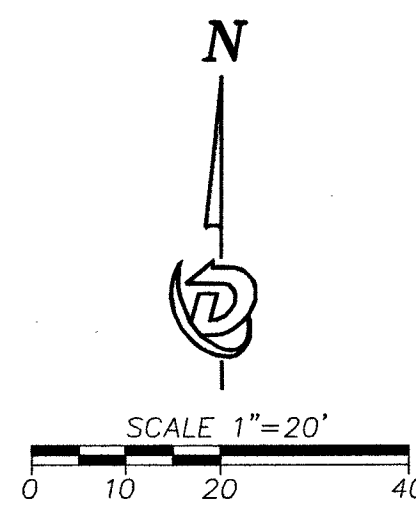
CITY OF LAS VEGAS STATION "1LV10 4SSW6" BEING A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF SAHARA AVENUE AND TOMSK STREET.

ELEVATION: 2610.87 (FEET)
795.794 (METERS)

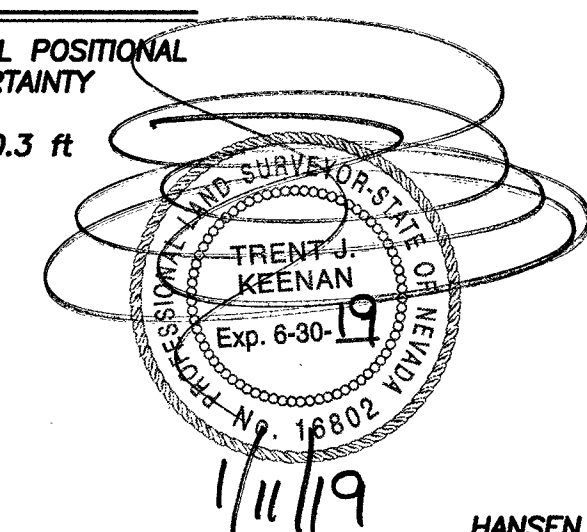
CITY OF LAS VEGAS VERTICAL CONTROL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

POSITIONAL CERTAINITIES:

HORIZONTAL POSITIONAL CERTAINTY	VERTICAL POSITIONAL CERTAINTY
±0.3 ft	±0.3 ft



DIAMONDBACK LAND SURVEYING LLC.
TRENT J. KEENAN
NEVADA CERTIFICATE NO. 16802
DATE OF MAP: JANUARY 11, 2019
SURVEY COMPLETED ON JANUARY 4, 2019



HANSEN #65920
CLV DWG #107V6746

6140 BRENT THURMAN WAY
SUITE 230
LAS VEGAS, NEVADA 89148
(c) 702.823.0030 (f) 702.823.9030
www.diamondbacklandsurveying.com

Diamondback Land Surveying

REV	DATE

SANITARY SEWER FINAL LOCATION MAP
DESERT GYMCATS
2425 CIMARRON ROAD, LAS VEGAS, NEVADA

DATE: 01/11/19
DRAWN BY: RJM
CHECKED BY: -
JOB NO. 160981

1
SHEET
OF 1 SHEETS