

LEGEND

	CENTERLINE PREVIOUSLY EXISTING STORM DRAIN
	NEW STORM DRAIN LINE
	NEW STORM DRAIN LINE PER PLAN (NOTE 3)
	SD-LID CENTER OF STORM DRAIN MANHOLE LID
	CL-BAR CENTERLINE BARREL ± (SEE NOTE 1)
	INDICATES SIZE OF STORM DRAIN MANHOLE OVER SIZE OF OFFSET BARREL (RIMS ARE 24" WITHIN 36" OUTER RIM)

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.

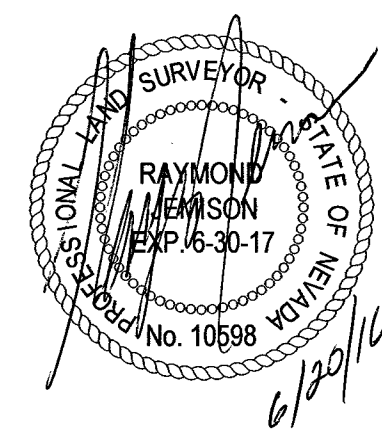
BENCHMARK:
 CLV BM# 7LV0827E4
 RIVET AND PLATE IN TOP OF CURB @ SOUTHEAST CORNER OF FARHILLS AVENUE AND DESERT FOOTHILLS DRIVE.
 NAVD 88 DATUM - 3335.36 (FT) 1016.620 (M)
 ADJUSTMENT - 2008 CLV

- NOTES:**
1. ALL CENTERLINE BARREL LOCATIONS ARE APPROXIMATE AND WERE DERIVED FROM VISUAL INSPECTION THROUGH THE MANHOLE RIM. ACCESS TO ACTUAL CENTERLINE OF BARREL WAS NOT OBTAINED DUE TO CONFINED SPACE.
 2. ELECTRONIC FILE TITLED "V23B-FARHILLS PH2 (STORM).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.
 4. POINTS SHOWN IN RED WERE ASBUILT FROM INSIDE THE RCB.

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

1. THE POSITIONAL CERTAINITIES 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 JUNE 13, 2016.

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



VILLAGE 23B
 FAR HILLS AVENUE
 IMPROVEMENTS -
 PHASE II
 FOX HILL DRIVE TO
 SKY VISTA DRIVE
 H# 53053
 CLV# 107V6128-2

SCALE (H):	1" = 100'	SCALE (V):		
DRAWN BY:	RFS	CHECKED BY:		
SEC.	T.	S.	R.	E.
DATE:				
JEMISON SURVEYING & SERVICES 2885 W. MOONAVILLE DRIVE LAS VEGAS, NEVADA 89146 702-360-4639 F. 702-360-4889				
 JEMISON SURVEYING & SERVICES				
V23B FAR HILLS - PH. II STORM DRAIN FINAL LOCATION MAP				
JOB TITLE				
DATE	06-16-2016			
JOB NO.	500-140811			
SHEET	1	OF	1	

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

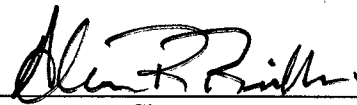
C: Raymond Jemison, PLS
Jemison Surveying and Services
Oh-Sang Kwon, P.E., Engineering Project Manager
Flood Control Section

Date: June 30, 2016

Re: Storm Drain Final Location Map
SV 23B FAR HILLS AVE IMPROVEMENTS PHASE 2 FOX HILL TO SKY VISTA
(Drawing No. 107V6128-2, L-Civil No. 53053)

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 30, 2016



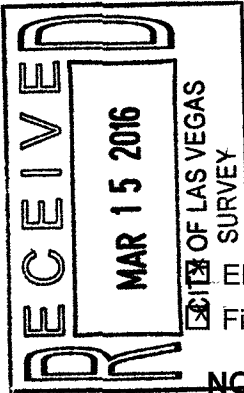
Signature

City Surveyor

Title

Public Works/Survey

Department/Division



CITY OF LAS VEGAS
BUILDING AND SAFETY DEPARTMENT

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

RECEIVED

MAR 10 2016

**City of Las Vegas
Land Development**

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: Village 23B Far Hills Improvements Phase II UNIT: _____ PHASE: _____

PROJECT LOCATION: Far Hills Avenue between Fox Hills Dr. & Sky Vista Dr.

CLV PLAN #: 107V6128-2 CLV PROJECT # H#53053 SHEET NO. (S): 10 thru 14

OF MANHOLES 0 PUB. SEWER/STORM DRAIN LIN. FT. 226 # OF PRIVATE LATERALS 1

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

SURVEY CO.: Jemison Surveying & Services 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: 3/10/16

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name Jemison Surveying Services Surveyor Name Raymond Jemison

License # 10598 License exp. Date: 2/18/16

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: 6/30/16 NOT ACCEPTABLE BY CITY SURVEYOR DATE _____

CLV SURVEYOR'S SIGNATURE: *Raymond Jemison* DATE: 6/30/16

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: _____



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
STORM DRAIN
FINAL LOCATION MAP

JOB NUMBER H53053 SD2
PROJECT NAME SV238 FAR HILLS AVE IMPROVEMENTS PH2 FOX HILL TO SKY VISTA
WORK AUTH. NO. P28000
SUBMITTED BY Jemison Surveying
PROJECT TYPE CIP Land Dev Street Rehab
DATE 6/30/16
REVIEWED BY D. 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)	<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"/>	
General Map Contents				
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 ("Storm Drain 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 – STORM DRAIN FINAL LOCATION MAP

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Storm Drain Improvements Data				
*NOTE As of December 1, 2015 manhole cover locations are no longer required.				
Manhole Barrel/Base: (measured horizontally at centerline of barrel/base structure, vertical location does not apply)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Drop Inlets (measured horizontally at back of curb at each outer extent of box, vertically at top of curb)	<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"/>	
Pipes and RCB's: locate at all connections to other pipes and structures, all horizontal and vertical deflections, points of termination (stubs), point at which pipe/RCB exits the public right-of-way or easement (measured horizontally at centerline of pipe/RCB, vertically at top of pipe/RCB)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*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	<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"/>	
*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)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

ADDITIONAL COMMENTS