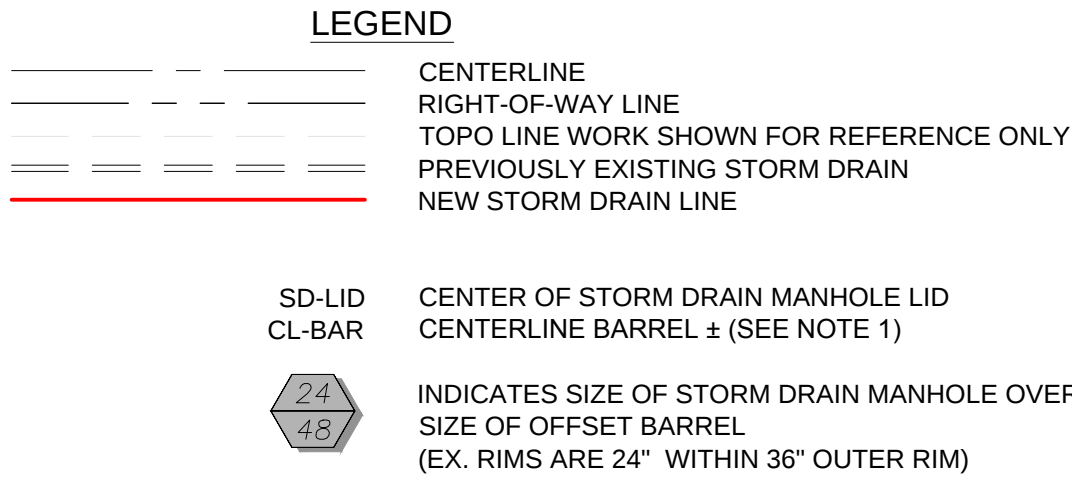
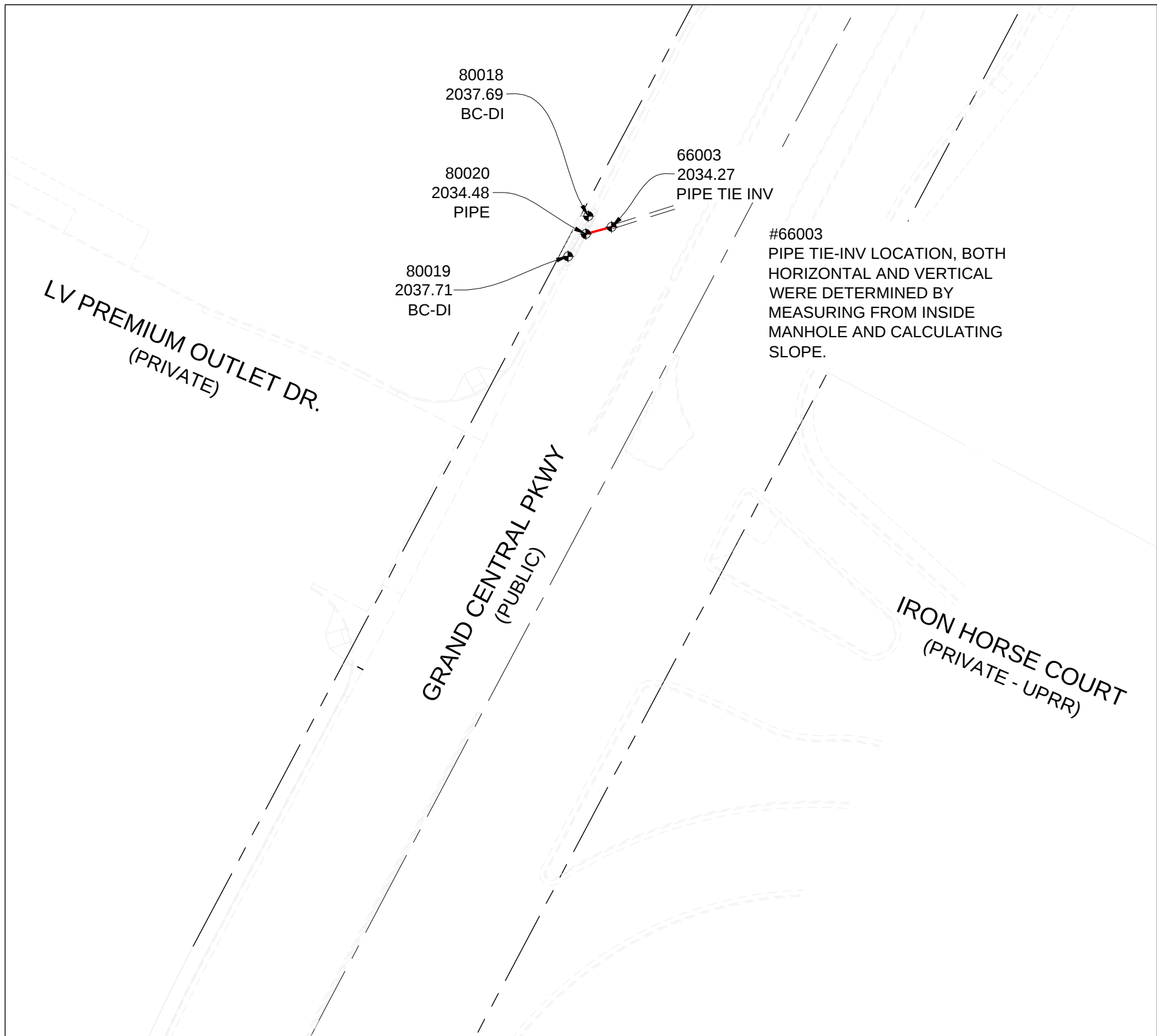
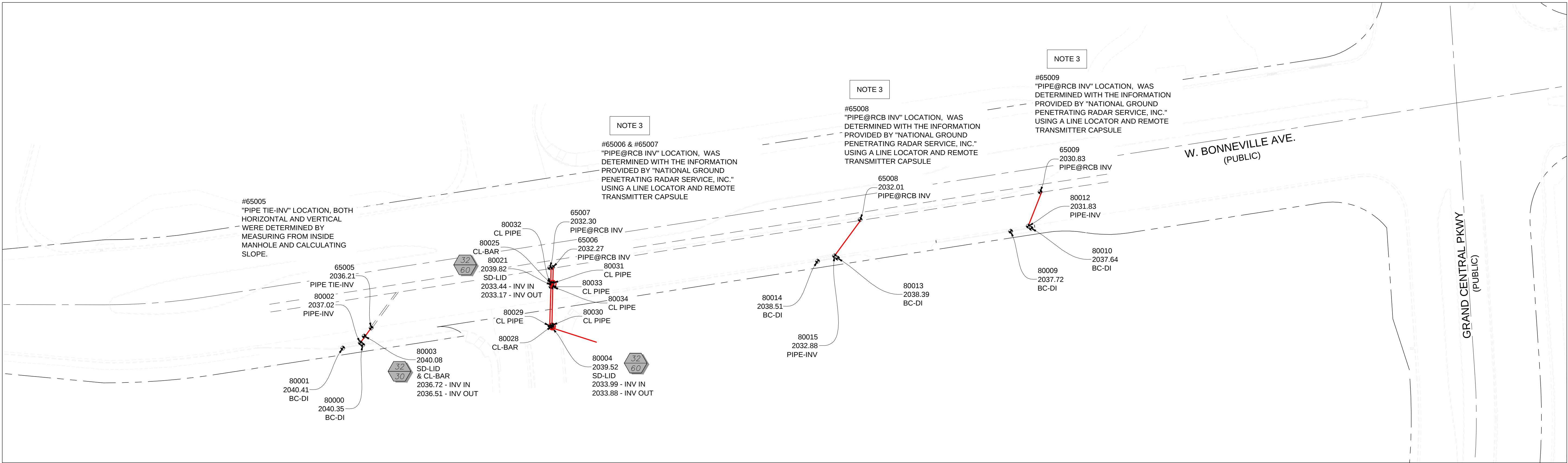




ELECTRONIC FILE NOTE:
ELECTRONIC FILE TITLED "LVPOFINAL-STORM.CSV" DIRECTLY REFLECTS THE POINTS SHOWN ON THIS MAP IN THE NEVADA COORDINATE SYSTEM OF 1983 (NEVADA STATE PLANE) AS DESCRIBED BELOW.

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.

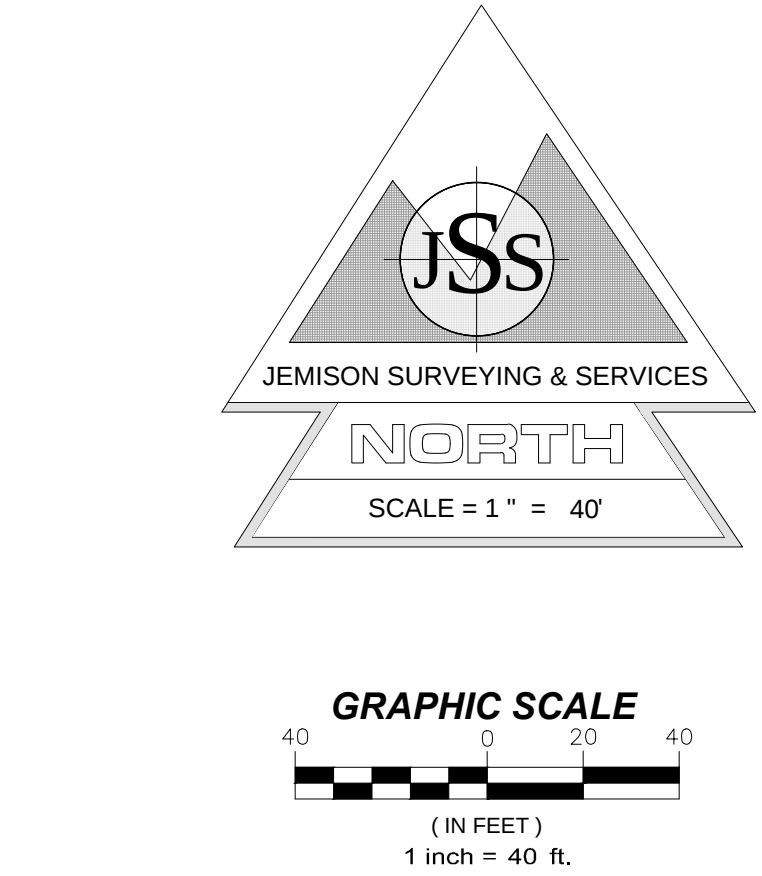
BENCHMARK:
CITY OF LAS VEGAS BM 8LV01 33E6
BEING A RIVET AND PLATE IN TOP OF CURB @ NW CORNER OF BONNEVILLE & GRAND CENTRAL PARKWAY
NAVD 88 DATUM - 2036.42 (FT) 620.703 (M)
ADJUSTMENT - 2008 CLV

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. LOCATIONS SHOWN ARE NORTH AMERICAN DATUM 1983 (NAD83), NEVADA STATE PLANE COORDINATE SYSTEM, 2701 EAST ZONE, NATIONAL ADJUSTMENT OF 2011, EPOCH 2010.0.

3. HORIZONTAL LOCATION AND CUT DEPTH WERE DERIVED FROM "NATIONAL GROUND PENETRATING RADAR SYSTEM, INC", UTILIZING A LINE LOCATOR AND REMOTE TRANSMITTER CAPSULE. LOCATIONS MARKED ON GROUND WERE THEN ASBUILT BY J.S. & S. INC. FOR HORIZONTAL LOCATION AND SURFACE ELEVATION. SURFACE ELEVATION WAS THEN SUBTRACTED BY THE CUT DEPTH FOR INVERT ELEVATION AS SHOWN ON THIS SHEET.

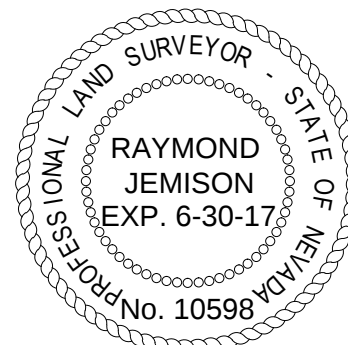


SURVEYOR'S CERTIFICATE
I, RAYMOND C. JEMISON, A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF NEVADA, CERTIFY THAT,

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 04, 2016.

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



OFFSITE IMPROVEMENTS PLANS
LAS VEGAS PREMIUM OUTLET
MALL EXPANSION
H# 50748
CLV# 107V6069-3

REV. NO.	DESCRIPTION	DATE

SCALE (H):	1" = 40'
SCALE (V):	
DRAWN BY:	RPS
CHECKED BY:	
SEC.	T. S. R. E.

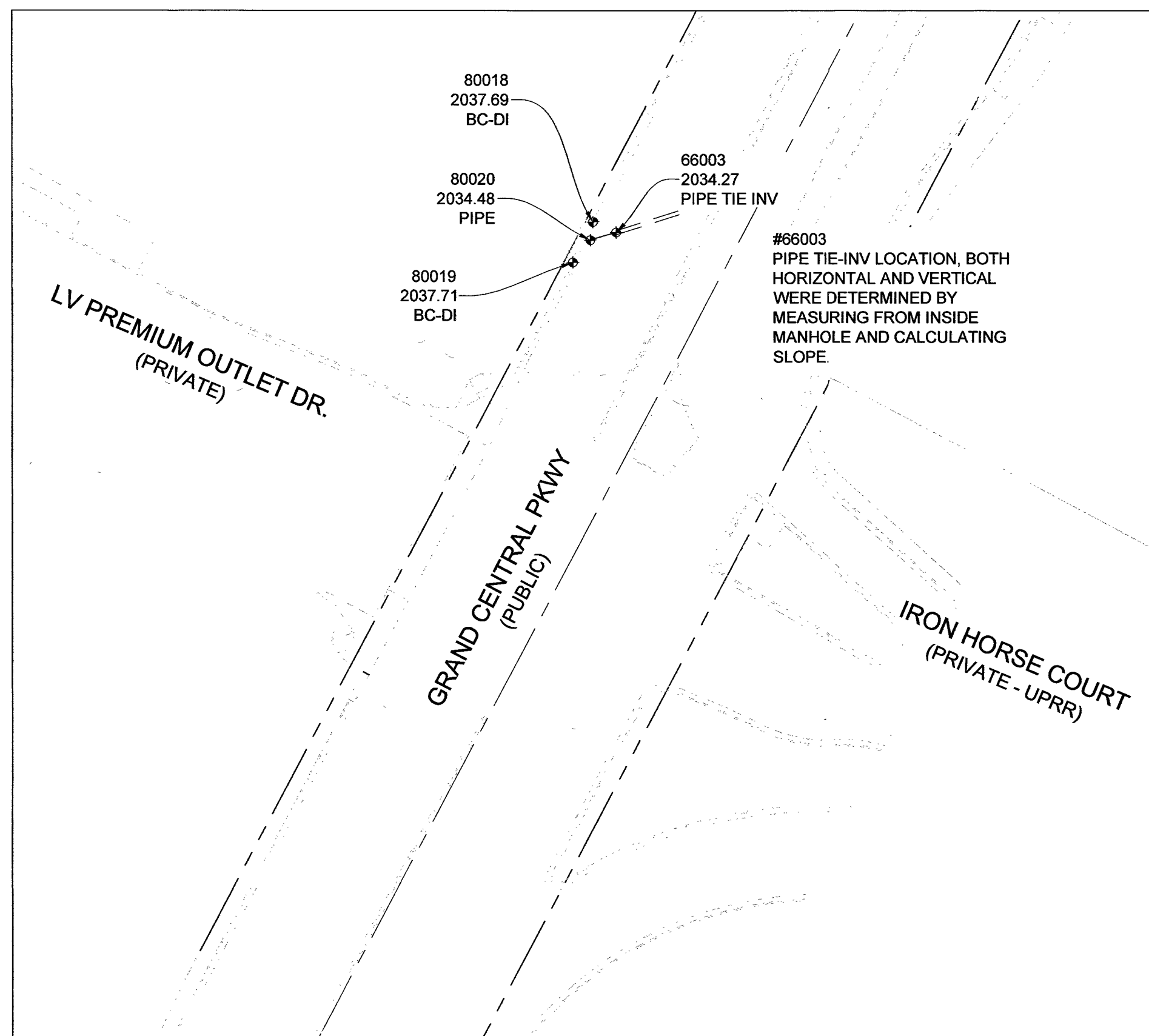
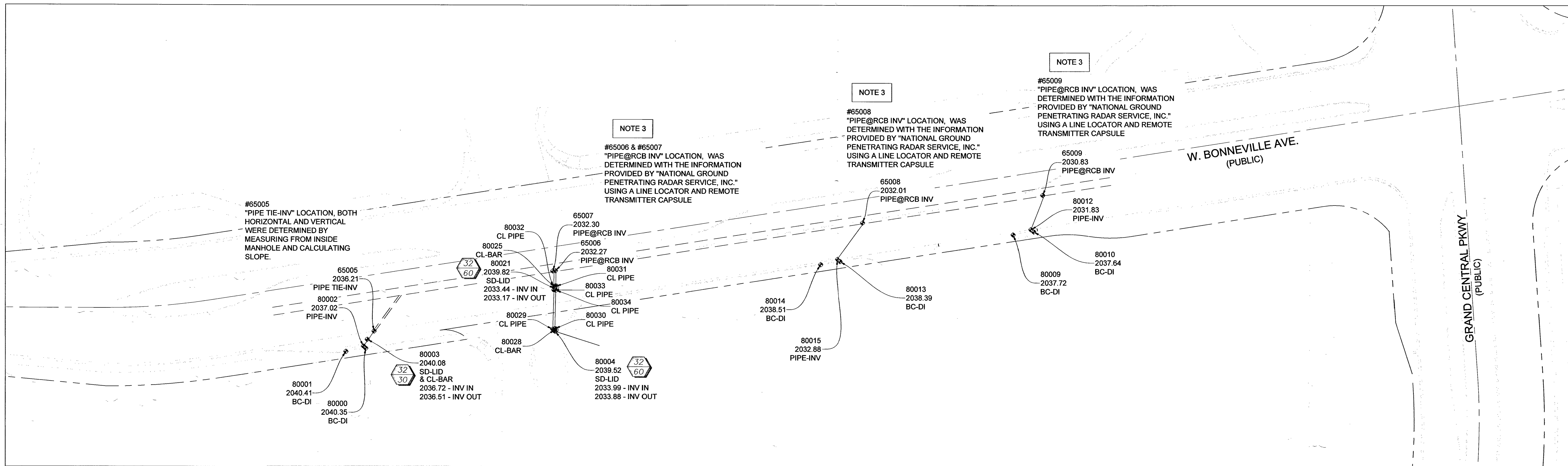
DATE:

JEMISON SURVEYING & SERVICES
2600 CRIMSON CANYON DRIVE
LAS VEGAS, NEVADA 89128
702-360-4838 F. 702-360-4839

JSS
JEMISON SURVEYING & SERVICES

JOB TITLE
LVPO - OFFSITE IMPROVEMENT
STORM DRAIN
FINAL LOCATION MAP

DATE	02-16-2016
JOB NO.	207-131024
SHEET	1 OF 1



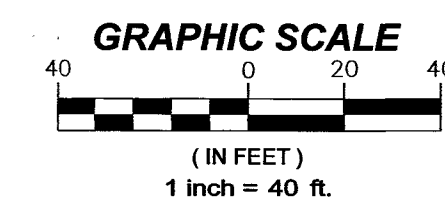
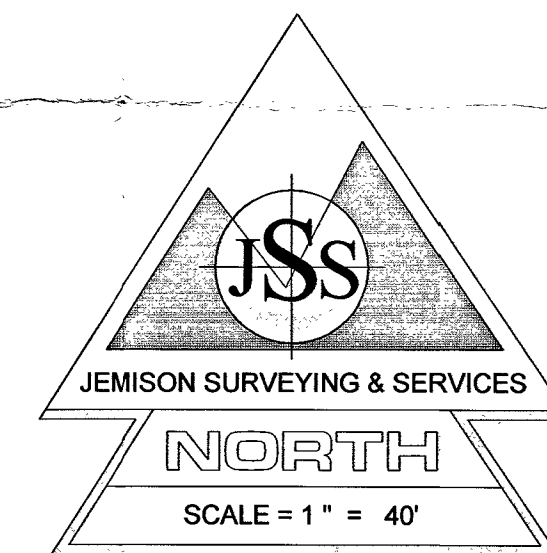
- LEGEND**
- CENTERLINE
 - RIGHT-OF-WAY LINE
 - TOPO LINE WORK SHOWN FOR REFERENCE ONLY
 - PREVIOUSLY EXISTING STORM DRAIN
 - NEW STORM DRAIN LINE
 - SD-LID
 - CL-BAR
 - INDICATES SIZE OF STORM DRAIN MANHOLE OVER SIZE OF OFFSET BARREL (EX. RIMS ARE 24" WITHIN 36" OUTER RIM)
 - CENTER OF STORM DRAIN MANHOLE LID
 - CENTERLINE BARREL ± (SEE NOTE 1)

ELECTRONIC FILE NOTE:
ELECTRONIC FILE TITLED "LVPOFINAL-STORM.CSV" DIRECTLY REFLECTS THE POINTS SHOWN ON THIS MAP IN THE NEVADA COORDINATE SYSTEM OF 1983 (NEVADA STATE PLANE) AS DESCRIBED BELOW.

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:
CITY OF LAS VEGAS BM 8LV01 33E6
BEING A RIVET AND PLATE IN TOP OF CURB @ NW CORNER OF BONNEVILLE & GRAND CENTRAL PARKWAY
NAVD 88 DATUM - 2036.42 (FT) 620.703 (M)
ADJUSTMENT - 2008 CLV

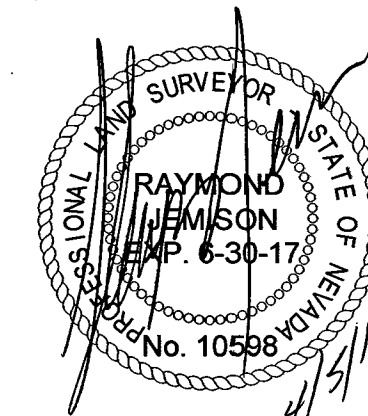
- NOTES:**
- ALL CENTERLINE BARREL LOCATIONS ARE APPROXIMATE AND WERE DERIVED FROM VISUAL INSPECTION THROUGH THE MANHOLE RIM. ACCESS TO ACTUAL CENTERLINE OF BARREL WAS NOT OBTAINED DUE TO CONFINED SPACE.
 - LOCATIONS SHOWN ARE NORTH AMERICAN DATUM 1983 (NAD83), NEVADA STATE PLANE COORDINATE SYSTEM, 2701 EAST ZONE, NATIONAL ADJUSTMENT OF 2011, EPOCH 2010.0.
 - HORIZONTAL LOCATION AND CUT DEPTH WERE DERIVED FROM "NATIONAL GROUND PENETRATING RADAR SYSTEM, INC.", UTILIZING A LINE LOCATOR AND REMOTE TRANSMITTER CAPSULE. LOCATIONS MARKED ON GROUND WERE THEN ASBUILT BY J.S. & S. INC. FOR HORIZONTAL LOCATION AND SURFACE ELEVATION. SURFACE ELEVATION WAS THEN SUBTRACTED BY THE CUT DEPTH FOR INVERT ELEVATION AS SHOWN ON THIS SHEET.



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- THIS AS-BUILT SURVEY WAS COMPLETED UNDER MY DIRECT SUPERVISION ON FEBRUARY 04, 2016.

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



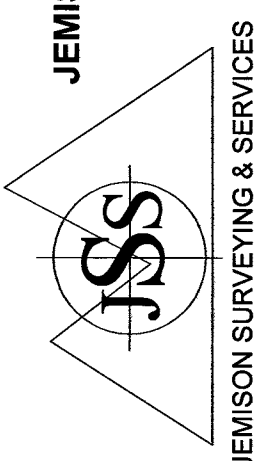
OFFSITE IMPROVEMENTS PLANS
LAS VEGAS PREMIUM OUTLET
MALL EXPANSION
H# 50748
CLV# 107V6069-3

REV. NO.	DESCRIPTION	DATE

SCALE (H):	1" = 40'
SCALE (V):	
DRAWN BY:	RPS
CHECKED BY:	
SEC.	T. S. R. E.

DATE:

JEMISON SURVEYING & SERVICES
2650 CRIMSON CANYON DRIVE
LAS VEGAS, NEVADA 89128
702-360-4838 f. 702-360-4839



JOB TITLE
LVPO - OFFSITE IMPROVEMENT
STORM DRAIN
FINAL LOCATION MAP

DATE	02-16-2016
JOB NO.	207-131024
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: April 12, 2016

Re: Storm Drain Final Location Map
LAS VEGAS PREMIUM OUTLET MALL OFFSITES
(Drawing No. 107V6069-3, L-Civil No. 50748)

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: April 12, 2016



Signature

City Surveyor

Title

Public Works/Survey

Department/Division

ARR/OS:js

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
☐ Electronic Comma Delineated File
☒ Final Location Map (2)

☒ Storm Drain

RECEIVED

APR 22 2015

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

City of Las Vegas
Land Development

PROJECT NAME: Las Vegas Premium Outlets UNIT: _____ PHASE: _____
PROJECT LOCATION: 875 S Grand Central Parkway
CLV PLAN #: 107V6069-3 CLV PROJECT #: 50748 SHEET NO. (S): _____
OF MANHOLES 3 PUB. SEWER/STORM DRAIN LIN. FT. 130 # OF PRIVATE LATERALS 1

DEVELOPER: Simon/Chelsea LV Dev LLC PHONE: 425 681-2070 FAX: _____
SURVEY CO.: Jemison Surveying Services PHONE: 702 360-4833 FAX: 702-360-4839
CONTRACTOR: Underground Inc PHONE: 702 382-7370 FAX: 702-385-7370
CONTRACTOR'S SUPERVISOR NAME: Paul O'Rourke MOBILE: _____
DATE OF REQUEST: 4/21/15

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name Jemison Surveying Services Surveyor Name Lee Gilmore
License # 10598 License exp. Date: 6/30/15

CITY USE ONLY

DATE SR. INSPECTOR RECEIVED: 4/23/15 SR. INSPECTOR INITIALS: [Signature]

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

ACCEPTABLE BY CITY SURVEYOR DATE: 4/12/16 NOT ACCEPTABLE BY CITY SURVEYOR DATE _____

CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 4/12/16

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: _____

RECEIVED

APR 23 2015

OFFSITE
INSPECTION
& TESTING



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
STORM DRAIN
FINAL LOCATION MAP

JOB NUMBER H50748 SD3
PROJECT NAME LAS VEGAS PREMIUM OUTLET MALL OFFSITES
WORK AUTH. NO. P28000
SUBMITTED BY Jemison Surveying & Services
PROJECT TYPE CIP ☐ Land Dev ☐ Street Rehab ☐
DATE 4/11/16
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)	☒	☐	☐	
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 ("Storm Drain 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 – 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)	☒	☐	☐	
Drop Inlets (measured horizontally at back of curb at each outer extent of box, vertically at top of curb)	☒	☐	☐	
Vaults and Junction Structures (measured horizontally at all outer extents of structure, vertically at top of structure)	☐	☐	☒	
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)	☒	☐	☐	
*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