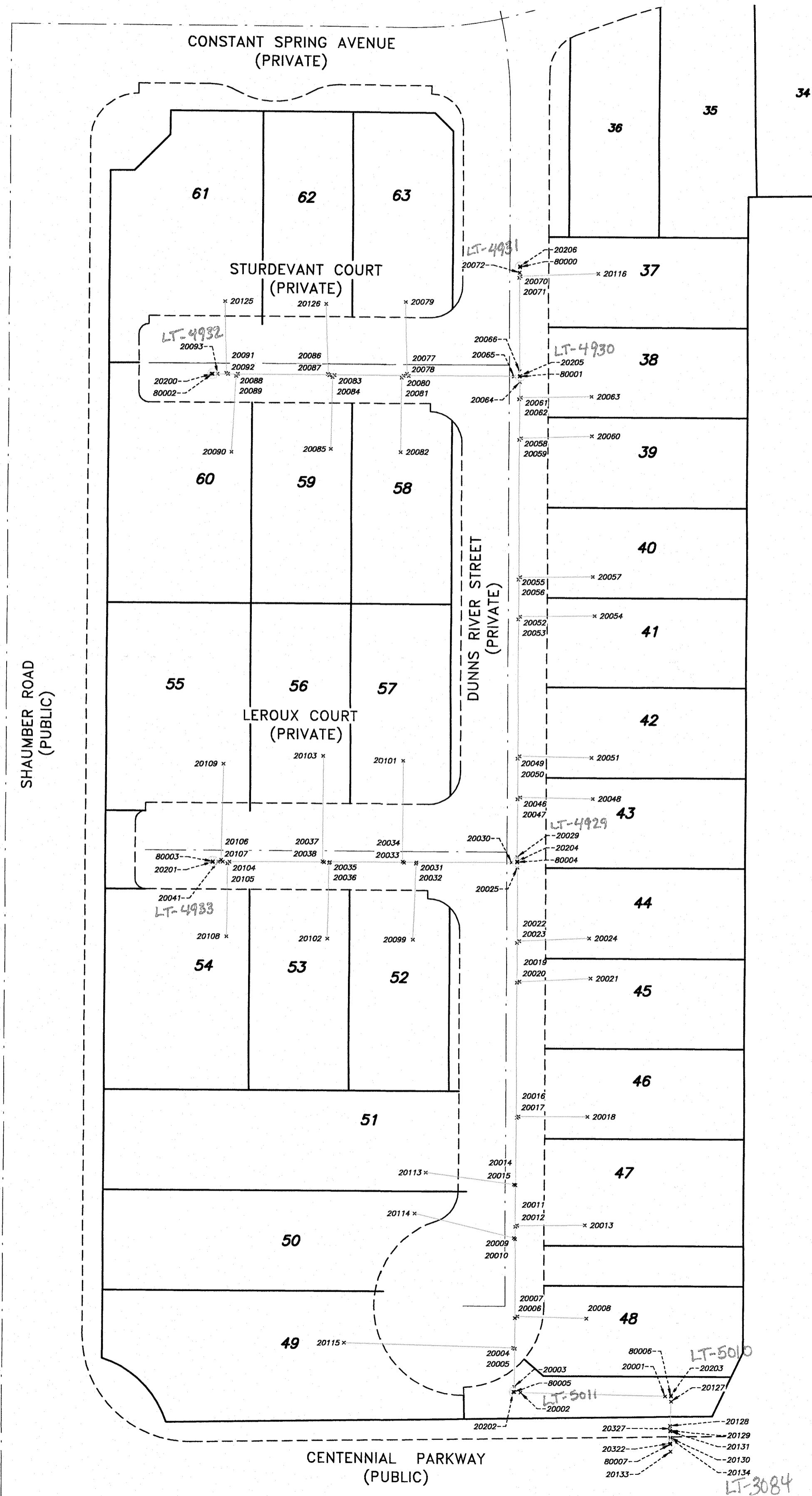


# SANITARY SEWER FINAL LOCATION MAP FOR PROVIDENCE POD 308 PHASE 1

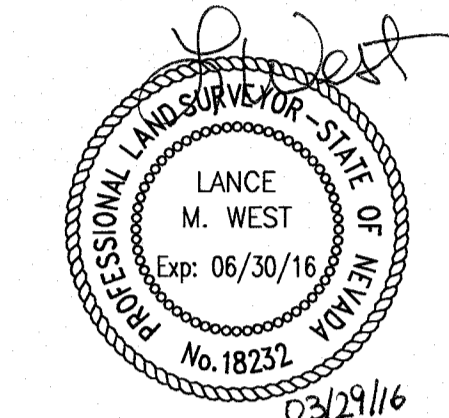
A COMMON INTEREST COMMUNITY

BEING A SUBDIVISION OF A PORTION OF LOT 308 OF "CLIFF'S EDGE PARENT" AS SHOWN BY MAP THEREOF IN BOOK 118, PAGE 88 OF PLATS IN THE CLARK COUNTY RECORDERS OFFICE, NEVADA, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA



### SURVEYOR'S STATEMENT

- 1) SURVEY WAS COMPLETED ON FEBRUARY 12, 2016.
- 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 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: 200,000.00 M (656,166.6667 FEET US)  
EASTING AT CENTRAL MERIDIAN: 100,000.00 M (328,083.3333 FEET US)  
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (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

6LV9924W6- BEING A RIVET AND PLATE IN TOP OF CURB WEST SIDE OF SCHAUMBER ROAD AT DEER SPRINGS WAY

2957.70 US SURVEY FEET  
901.509 METERS

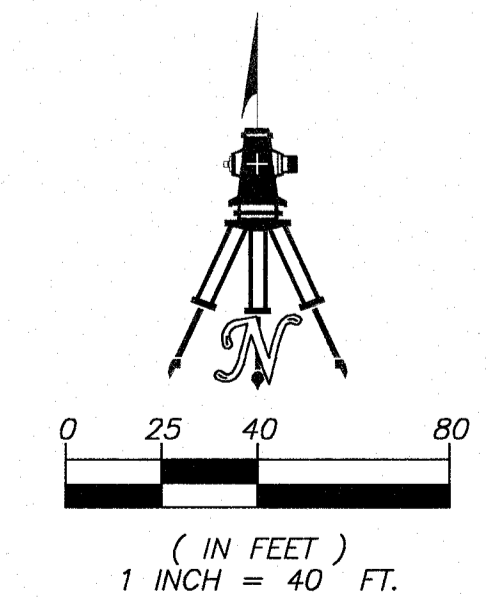
N.A.V.D. 88 DATUM

### NOTES

SEE ELECTRONIC TEXT FILE "POD308-PHASE1-PNTS-SS-NCRS.TXT" FOR COORDINATES.

### LEGEND


---	RIGHT-OF-WAY LINE	CL BARREL	CENTER OF 48" MANHOLE BARREL
---	STREET CENTERLINE	SWR-MH	SHOT TAKEN AT CENTER OF 38" COLLAR
---	SEWER LINE	SWR-Y	SHOT TAKEN ON TOP OF PIPE AT SEWER Y
x	POINT LOCATION	SWR-LATERAL	SHOT TAKEN ON TOP OF PIPE AT SEWER LATERAL
23118	POINT NUMBER	PIPE-TOP	SHOT TAKEN ON TOP OF PIPE
21	LOT NUMBER		



H# 55552  
DWG# 107Y5020-1

**SANITARY SEWER FINAL LOCATION MAP  
PROVIDENCE POD 308 PHASE 1  
A COMMON INTEREST COMMUNITY**

BEING A SUBDIVISION OF A PORTION OF LOT 308 OF "CLIFF'S EDGE PARENT" AS SHOWN BY MAP THEREOF IN BOOK 118, PAGE 88 OF PLATS IN THE CLARK COUNTY RECORDERS OFFICE, NEVADA, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA



**WALLACE · MORRIS · KLINE**  
SURVEYING, INC.  
LAND SURVEY CONSULTING  
5740 SOUTH ARVILLE STREET, #206  
LAS VEGAS, NEVADA 89118  
PH: 702.212.3967 FX: 702.212.3963

# 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  
City Surveyor

C: Lance M. West, PLS  
Wallace Morris Kline Surveying

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


Date: April 26, 2016

Re: Sanitary Sewer Final Location Map  
PROVIDENCE POD 308 PHASE 1  
(Drawing No. 107Y5020-1, L-Civil No. 55552)

---

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 26, 2016 \_\_\_\_\_



\_\_\_\_\_  
Signature

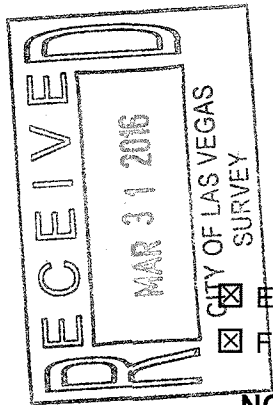
\_\_\_\_\_  
City Surveyor

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

[X] Sewer [ ] Storm Drain

[X] Electronic Comma Delineated File

[X] Final Location Map (2)

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

PROJECT NAME: PROVIDENCE POD 308 PHASE 1 UNIT: N/A PHASE: 1

PROJECT LOCATION: CENTENNIAL PARKWAY AND SHAUMBER ROAD

CLV PLAN #: 55552 CLV PROJECT # 107Y5020-1 SHEET NO. (S): 1

# OF MANHOLES 8 PUB. SEWER/STORM DRAIN LIN. FT. 976 # OF PRIVATE LATERALS 27

DEVELOPER: RICHMOND AMERICAN HOMES PHONE: 702-617-8400 FAX: 702-348-5964

SURVEY CO.: WALLACE MORRIS KLINE PHONE: 702-212-3967 FAX: 702-212-3963

CONTRACTOR: BADGER CONSTRUCTION PHONE: 702-651-8590 FAX:

CONTRACTOR'S SUPERVISOR NAME: FRANK WALTON MOBILE: 702-296-0554

DATE OF REQUEST: 3-25-16

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name WALLACE MORRIS KLINE Surveyor Name LANCE WEST

License # 18232 License exp. Date: 6/30/16

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: 4.26.16 NOT ACCEPTABLE BY CITY SURVEYOR DATE

CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 4/26/16

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: [Signature] (PLEASE PRINT)

SIGNATURE: [Signature] DATE: 8/17/2016

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**  
**SANITARY SEWER**  
**FINAL LOCATION MAP**

JOB NUMBER H55552 SS1  
 PROJECT NAME PROVIDENCE POD 308 PHASE 1  
 WORK AUTH. NO. P28000  
 SUBMITTED BY Wallace Morris Kline  
 PROJECT TYPE CIP  Land Dev  Street Rehab   
 DATE 4/16/16  
 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
<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sheet number and number of sheets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
North arrow (pointing up, left or right)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scale (written & graphic, correctly shown, appropriate scale used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lettering legibility (minimum text size 0.08")	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Map title shown ("Sanitary Sewer Final Location Map")	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV project name shown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Hansen No. shown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Drawing No. shown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Preparer's company name and contact information shown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Legend (all linetypes and symbols defined)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-standard abbreviations defined	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Distances, coordinates and elevations labeled using decimal feet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Approximate limits of streets shown (improvements or right-of-way)	<input checked="" 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 R/L	N/A	COMMENTS
<b>Sanitary Sewer Improvements Data</b>				
<b>*NOTE</b> 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)	<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> 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 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"/>	
<b>*NOTE</b> For all projects with improvement plans approved prior to March 1, 2015 coordinates provided must be accurate to within <b>±0.5 feet</b> horizontally and vertically. For all projects with improvement plans approved after March 1, 2015 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