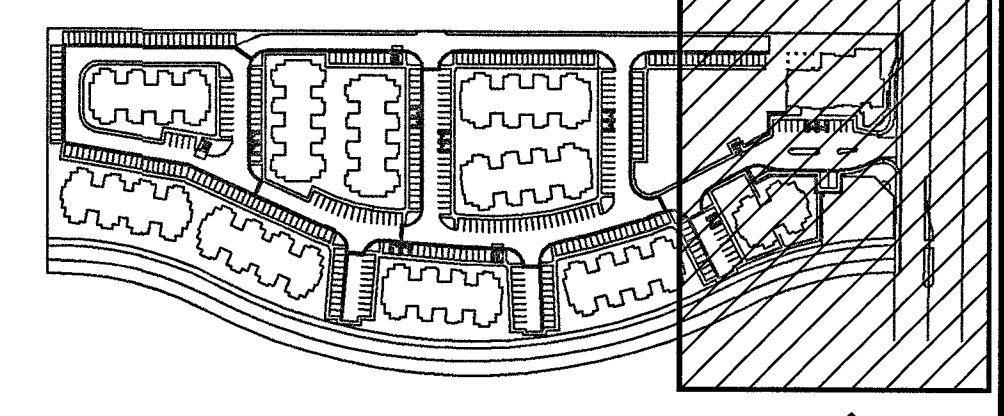
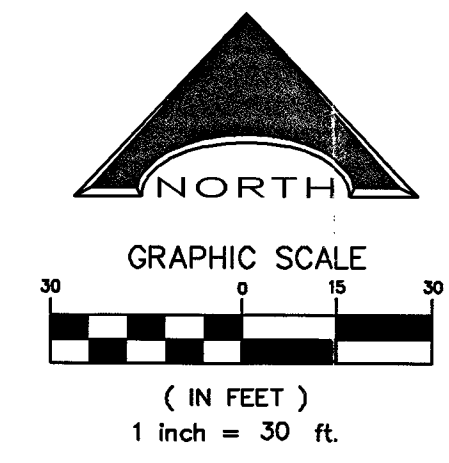
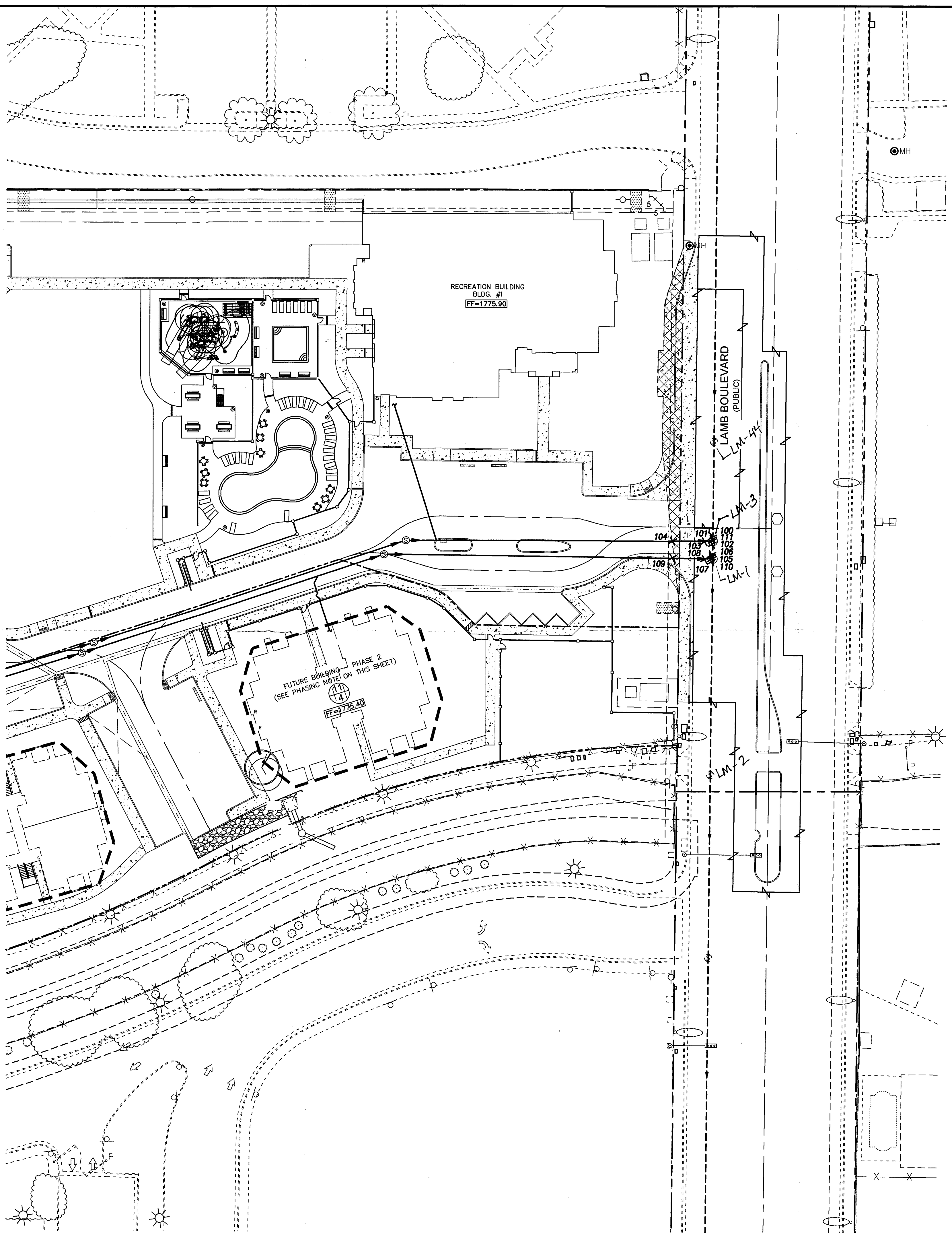


I:\LAND PROJECTS\818030 Lamb Pines\DWG\Sewer & Storm drain\asbuilt\05-818030 - UTILITY.dwg (BOB EHRMAN) 3/3/2017 (7:31:43 AM)



SHEET INDEX

STATE PLANE COORDINATES				
POINT #	GRID NORTH	GRID EAST	ELEVATION	DESCRIPTION
100	26763981.17	804553.70	1771.85	MANHOLE RIM
101	26763982.31	804553.72	1762.35	FL 10" PVC IN
102	26763978.51	804553.64	1762.27	FL 10" PVC OUT
103	26763979.73	804549.49	1763.44	TOP 8" PVC LATERAL
104	26763980.00	804531.97	1763.59	TOP 8" PVC LATERAL
105	26763971.64	804553.28	1771.83	MANHOLE RIM
106	26763972.79	804553.35	1762.26	FL 10" PVC IN
107	26763968.97	804553.24	1762.10	FL 10" PVC OUT
108	26763970.24	804549.47	1763.64	TOP 8" PVC LATERAL
109	26763970.85	804531.77	1763.75	TOP 8" PVC LATERAL
110	26763970.40	804553.33	1762.33	CL BARREL
111	26763980.29	804553.85	1762.13	CL BARREL

HORIZONTAL DATUM

THE HORIZONTAL DATUM FOR THE COORDINATES SHOWN HEREON ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (N.A.D. 1983), NEVADA STATE PLANE COORDINATE SYSTEM EAST ZONE (2701). THE COORDINATE REFERENCE FRAME FOR THE NETWORK USED IS NAD83 (2011) (EPOCH: 2010.0000).

NOTES

THE PURPOSE OF THIS SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE SANITARY SEWER FACILITIES IN "LAMB PINES".
 THE SURVEY WAS COMPLETED ON 01/17/2017.
 THE POSITIONAL ACCURACY OF THE COORDINATES SHOWN HEREON IS WITHIN 0.3' HORIZONTALLY AND VERTICALLY.

LEGAL DESCRIPTION

THAT PORTION OF THE EAST HALF (E 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 31, TOWNSHIP 20 SOUTH, RANGE 62 EAST, M.D.M., CLARK COUNTY, NEVADA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 PARCEL 1 AS SHOWN ON PARCEL MAP IN FILE 96, PAGE 01, RECORDED SEPTEMBER 7, 1999 IN BOOK 990907 AS INSTRUMENT NO. 00470 OF OFFICIAL RECORDS.

BENCHMARK

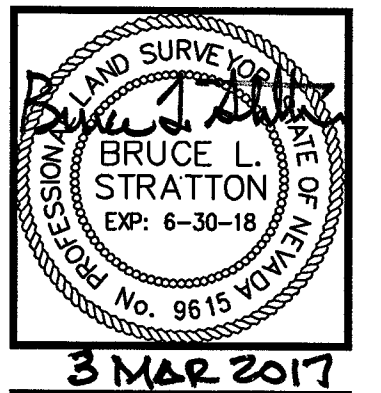
CITY OF LAS VEGAS BENCHMARK 1LV02 31C4 - RIVET AND PLATE IN TOP OF CURB AT SOUTHWEST CORNER OF STEWART AND SANDHILL.
 ELEVATION=539.670 (1770.57 FEET) NAVD 1988

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



H# 60588



DESIGNED BY: MH	DRAWN BY: MH	CHKD BY: TLK
JOB NUMBER: 818-030-180	DATE: March 2017	DATE APPL: March 2017
REVISION		
NO.		

L. R. NELSON CONSULTING ENGINEERS, INC.
 STRUCTURAL
 CIVIL
 PLANNING
 SURVEY
 6765 West Russell Road, Suite 200
 Las Vegas, Nevada 89118
 (702) 798-7978
 (702) 451-2286 FAX

Nevada HAND
 Housing And Neighborhood Development

SANITARY SEWER
 FINAL LOCATION MAP
 LAMB PINES
 CITY OF LAS VEGAS NEVADA

SHEET NUMBER
1
 OF 1 SHEETS
 CL# 107V6533

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: Bruce Stratton, PLS
L.R. Nelson

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

Date: March 22, 2017

Re: Sanitary Sewer Final Location Map
LAMB BLVD (AKA LAMB PINES)
(Drawing No. 107V6533, L-Civil No. 60588)

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: March 22, 2017



Signature

City Surveyor

Title

Public Works/Survey
Department/Division

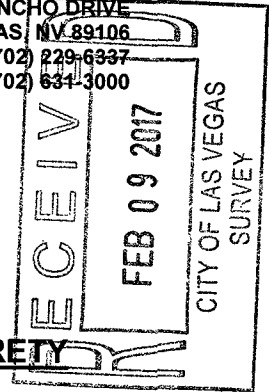
ARR/OS:js

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) 634-3000

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: LAMB PINES UNIT: PHASE:
PROJECT LOCATION: NORTH LAMB BOULEVARD
CLV PLAN #: 60588 CLV PROJECT # 107V6533 SHEET NO. (S):
OF MANHOLES 2 PUB. SEWER/STORM DRAIN LIN. FT. 35 # OF PRIVATE LATERALS 2

DEVELOPER: NEVADA HAND PHONE: 702-739-3345 FAX:
SURVEY CO.: L. R. NELSON CONS. ENGINEERS PHONE: 702-798-7978 FAX: 702-451-2296
CONTRACTOR: TERRA CONTRACTING PHONE: 702-651-8100 FAX:
CONTRACTOR'S SUPERVISOR NAME: MONICO ROMERO MOBILE: 702-580-4019
DATE OF REQUEST: 02/07/2017

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: 3/22/17 NOT ACCEPTABLE BY CITY SURVEYOR DATE

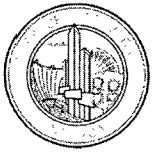
CLV SURVEYOR'S SIGNATURE: *Alvin R. Biddle* DATE: 3/22/17

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 H60588 SS2
PROJECT NAME LAMB BLVD (AKA LAMB PINES)
WORK AUTH. NO. P28000
SUBMITTED BY L.R. Nelson (Bruce Stratton)
PROJECT TYPE CIP Land Dev Street Rehab
DATE 3/21/17
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 checked="" 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 checked="" 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 checked="" 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 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)	<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"/>	
*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