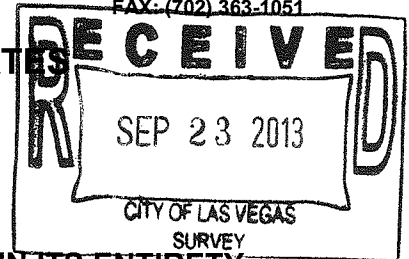


CITY OF LAS VEGAS
BUILDING AND SAFETY DEPARTMENT

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 ☐ 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: CCDC North Tower Renovation UNIT: _____ PHASE: _____
PROJECT LOCATION: 1st & Bridger
CLV PLAN #: 107V5765 CLV PROJECT # 45496 SHEET NO. (S): _____
OF MANHOLES 1 PUB. SEWER/STORM DRAIN LIN. FT. _____ # OF PRIVATE LATERALS _____
DEVELOPER: Clark County PHONE: _____ FAX: _____
SURVEY CO.: _____ PHONE: _____ FAX: _____
CONTRACTOR: Sletten Const PHONE: 739-9932 FAX: _____
CONTRACTOR'S SUPERVISOR NAME: Matt McDough MOBILE: 2315871
DATE OF REQUEST: _____

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name Watson Engineering Surveyor Name Ralph E Watson
License # RLS 4094 License exp. Date: 6/30/14

CITY USE ONLY

DATE SR. INSPECTOR RECEIVED: 9/9/13 SR. INSPECTOR INITIALS: [Signature]
DATE RECEIVED FROM SR. INSPECTOR AND SENT TO CITY SURVEYOR: 9-10-13
ACCEPTABLE BY CITY SURVEYOR DATE: 10/17/13 NOT ACCEPTABLE BY CITY SURVEYOR DATE: _____
CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 10/17/13

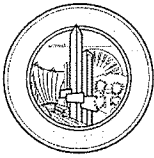
THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

For Sanitary Sewer To Complete and Return to Offsite Inspection & Testing:

RECEIVED BY: JOE PEÑA
(PLEASE PRINT)
SIGNATURE: [Signature] DATE: 10/17/2013

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 45496-SS2
PROJECT NAME Sewer CDDC N. Tower
WORK AUTH. NO. P28000
SURVEY FIRM Watson Engineering
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 10/16/2013
REVIEWED BY M. KINNEY

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	☒	☐	☐	
Survey firm'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				
Manhole lid (measured horizontally at centerline of lid, vertically at rim)	☒	☐	☐	
Manhole barrel (measured horizontally at centerline of overall manhole structure, vertical location does not apply)	☒	☐	☐	EXCUSED
Manhole/pipe connections (measured horizontally at outside face of manhole structure, vertically at top of pipe)	☒	☐	☐	EXCUSED (INVERT ELEVATIONS SHOWN)
Main/lateral pipe connections (measured horizontally at intersection of main pipe and produced line of lateral pipe, vertically at top of main pipe)	☐	☐	☒	
Lateral pipe at right-of-way line (measured horizontally at point lateral pipe intersects right-of-way line or at a point along lateral pipe outside right-of-way, vertically at top of lateral pipe)	☐	☐	☐	HORIZ LOCATION SHOWN, VERT MISSING
*NOTE Any significant deviations (either horizontally or vertically) along the lateral pipe run (between intersection with right-of-way line and connection at main) are to be measured at top of lateral pipe and shown on map.				
Survey Information				
Survey completion date indicated	☒	☐	☐	
Statement of positional certainty (0.3' horizontally, 0.3' vertically)	☒	☐	☐	
Surveyor's seal (validated and current)	☒	☐	☐	
Basis of bearings and coordinate system indicated (only CLV approved coordinate systems are to be used)	☒	☐	☐	
Datum, datum tag and epoch date indicated (only CLV approved datums are to be used)	☒	☐	☐	
Benchmark ID, description, elevation and CLV adjustment indicated	☒	☐	☐	
*NOTE Only benchmarks and benchmark elevations included in the most recent CLV Vertical Control Network adjustment are to be used, this may require using a different benchmark or benchmark elevation than shown on the improvement plans.				
Survey accuracy QA/QC (when available)	☒	☐	☐	

ADDITIONAL COMMENTS

Memorandum

City of Las Vegas
Department of Public Works
City Engineer Division
Survey Section

To: Dennis Moyer, P.E., Plans and Permits Manager
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

C: Ralph E. Watson, PLS
Watson Engineering

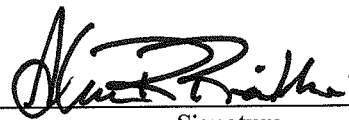
Tim Parks, P.E., Engineering Project Manager
Sanitary Sewers Section, Engineering Planning

Date: October 17, 2013

Re: Sewer Utility Final Location Map
SEWER-CCDC NORTH TOWER RENOVATIONS
(CLV Drawing No. 107V5765, L-Civil No. 45496)

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: 10/17/2013



Signature

City Surveyor

Title

Public Works/Survey

Department/Division

ARR/MK:sy