

Memorandum

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

To: Chris Knight, Director
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

C: Steven Dumovich, PLS
Taney Engineering

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

Date: March 3, 2014

Re: Sanitary Sewer Final Location Map
Sewer-Ann & Hualapai
(Drawing No. 307V1064, L-Civil No. 47818)

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: 3/3/2014



Signature

City Surveyor

Title

Public Works/Survey

Department/Division

ARR/MK:sy



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
SANITARY SEWER
FINAL LOCATION MAP

JOB NUMBER 47818-SS2
PROJECT NAME Sewer-Ann? Hualapai
WORK AUTH. NO. P28000
SURVEY FIRM Taney Engineering
PROJECT TYPE CIP ☐ Land Dev ☒ Street Rehab ☐
DATE 3/3/2014
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)	☒	☐	☐	
Manhole/pipe connections (measured horizontally at outside face of manhole structure, vertically at top of pipe)	☐	☐	☐	
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)	☐	☐	☐	
*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