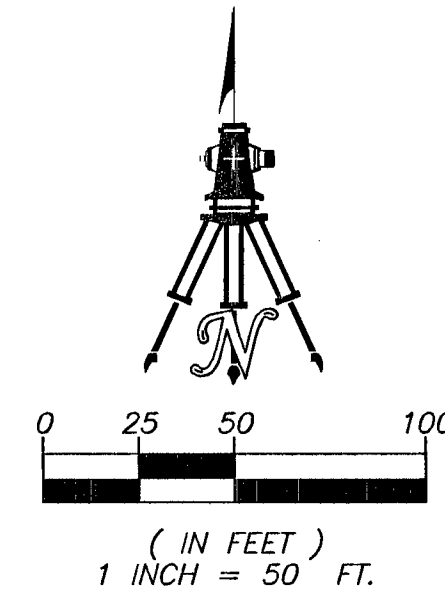
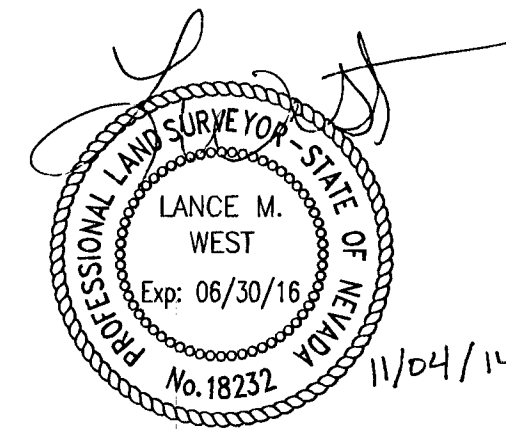


SANITARY SEWER FINAL LOCATION MAP FOR THE MELLO AVENUE UTILITY EXTENSION



SURVEYORS STATEMENT

- 1) SURVEY WAS COMPLETED ON AUGUST 21, 2014
- 2) THE POSITIONAL CERTAINTY FOR THIS SURVEY IS 0.5' HORIZONTAL AND 0.5' VERTICAL BASED ON NAD83 2011, EPOCH 2010
- 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 WEST
PROFESSIONAL LAND SURVEYOR
NEVADA LICENSE No. 18232

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE SYSTEM, NEVADA EAST ZONE (2701) , NORTH AMERICAN DATUM OF 1983 (NAD83, 2011), EPOCH 2010.

PROJECTION:
TRANSVERSE MERCATOR
ORIGIN LATITUDE N34°45'00.00000"
ORIGIN LONGITUDE W115°35'00.00000"
FALSE NORTHING 26,246,666.667 FEET
FALSE EASTING 656,166.667 FEET

BENCHMARK

SLV9024C4 - BEING A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF BRADLEY AND DEER SPRINGS.

NAVD88 ELEVATION (2008 CLV ADJUSTMENT)

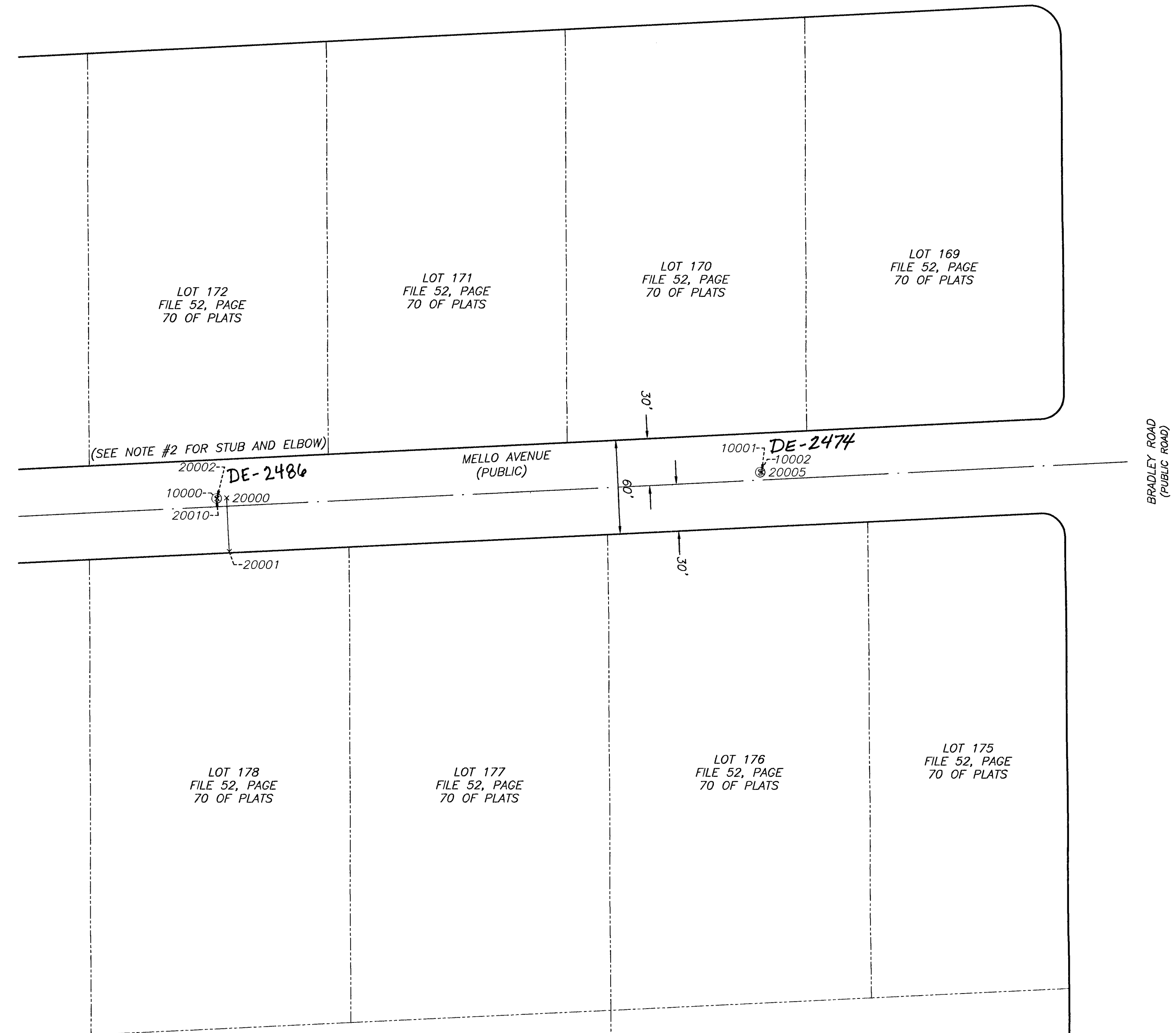
2311.86 US SURVEY FEET
704.656 METERS

LEGEND

- CENTERLINE
- RIGHT OF WAY
- PROPERTY LINE
- × 60576 POINT NUMBER
- ⊙ SEWER MANHOLE RIM
- SL Y INV OF SEWER PIPE AT "Y"
- INV INVERT ELEVATION OF SEWER PIPE

NOTES

- 1) SEE TEXT FILE "LOT 178-SP.TXT" FOR COORDINATES
- 2) NOT AVAILABLE AT TIME OF SURVEY.



POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
10000	26804654.49	764009.30		0 CL BARREL
10001	26804671.51	764358.00		0 CL BARREL
10002	26804671.46	764357.01	2305.46	INV
20000	26804654.78	764015.30	2307.12	SL Y
20001	26804620.43	764017.15	2307.49	SWR-LINE INV
20002	26804654.39	764009.09	2307.03	INV
20005	26804671.46	764357.01	2312.44	SWR-MH 24"
20010	26804654.47	764008.90	2314.20	SWR-MH 24" WITH 38" RING

H#51811, CLV DWG 307V1078

**SANITARY SEWER FINAL LOCATION MAP
FOR THE
MELLO AVENUE UTILITY EXTENSION**
ALL OF LOT 178 MAP IN FILE 52, PAGE 70 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 24, TOWNSHIP 19 SOUTH, RANGE 60, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.



**WALLACE • MORRIS
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 Work
City Engineer Divisic
Survey Sectio
333 North Rancho Dr., 8th Flo
Las Vegas, Nevada 8910
Phone (702) 229-62
Fax (702) 804-85

To: Michael Cunningham, Manager
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

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

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


Date: November 20, 2014

Re: Sanitary Sewer Final Location Map
Mello Ave. Utility Extension
(Drawing No. 307V1078, L-Civil No. 51811)

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: 11/20/14

Please note that the positions of both the new stub west of the new manhole and an elbow in the new lateral were not provided and indicated as such on the face of the map.



Signature

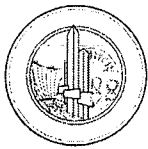
City Surveyor

Title

Public Works/Survey

Department/Division

ARR/OS:sb



City of Las Vegas
 Department of Public Works
 Survey Section

JOB NUMBER H51811-SS2
 PROJECT NAME MELLO AVE UTILITY EXT
 WORK AUTH. NO. P28000
 SUBMITTED BY W M K
 PROJECT TYPE CIP Land Dev Street Rehab
 DATE 11/19/2014
 REVIEWED BY M. KINNEY

REVIEW CHECKLIST
SANITARY SEWER
FINAL LOCATION MAP

REVIEW DETERMINATION
 Approved
 Not Acceptable

*PLEASE ADD
 ADDITIONAL
 COMMENT FROM
 THE END OF THIS
 CHECKLIST TO
 MEMO.*

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 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 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 checked="" 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 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 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				
Manhole Lids: (measured horizontally at centerline of lid, vertically at rim; specify diameter of lid)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*NOTE In the case of a two-piece lid system locate outer lid only (specify diameter of outer lid).				
Manhole Barrel: (measured horizontally at centerline of structure barrel, 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	POSITIONS OF NEW STUB WESTERLY OF NEW MANHOLE AND ELBOW OF NEW LATERAL WERE NOT PROVIDED AND INDICATED AS SUCH ON MAP.
*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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Benchmark ID, description, elevation indicated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*NOTE Coordinates provided must be accurate to within ±0.5 feet (6 inches) horizontally and vertically.				
Coordinate accuracy QA/QC (when available)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

ADDITIONAL COMMENTS
* PLEASE NOTE THAT THE POSITIONS OF BOTH THE NEW STUB WEST OF THE NEW MANHOLE AND AN ELBOW IN THE NEW LATERAL WERE NOT PROVIDED AND INDICATED AS SUCH ON THE FACE OF THE MAP.

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) 563-1051

OCT 07 2014

RECEIVED

DEVELOPER'S SUBMITTAL OF GPS COORDINATES

OCT 02 2014

- Sewer Storm Drain
- Electronic Comma Delineated File
- Final Location Map (2)

City of Las Vegas
Land Development

PK

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

PROJECT NAME: STUCKI RESIDENCE mello Ave Utility Extension UNIT: _____ PHASE: _____
PROJECT LOCATION: MELLO AND BRADLEY
CLV PLAN #: 307v1078 CLV PROJECT # 51811 SHEET NO. (S): 1
OF MANHOLES 1 PUB. SEWER/STORM DRAIN LIN. FT. 383 # OF PRIVATE LATERALS 1

DEVELOPER: BRIAN AND CANDACE STUCKI PHONE: _____ FAX: _____
SURVEY CO.: WALLACE MORRIS KLINE PHONE: 702-202-3967 FAX: 702-212-3963
CONTRACTOR: PINNACLE HOMES PHONE: 702-228-0720 FAX: 702-228-5895
CONTRACTOR'S SUPERVISOR NAME: DANNY MARTER MOBILE: 702-768-0434
DATE OF REQUEST: 8-19-14

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name WALLACE MORRIS KLINE Surveyor Name LANCE WEST
License # 18232 License exp. Date: 06-30-16

RECEIVED
OCT 07 2014
OFFSITE INSPECTION & TESTING

CITY USE ONLY

DATE SR. INSPECTOR RECEIVED: 10/6/14 SR. INSPECTOR INITIALS: MJC

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

ACCEPTABLE BY CITY SURVEYOR DATE: _____ NOT ACCEPTABLE BY CITY SURVEYOR DATE _____

CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 11-20-14

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 Pena
(PLEASE PRINT)

SIGNATURE: [Signature] DATE: 11/24/2014

For Flood Control To Complete and Return to Offsite Inspection & Testing:

RECEIVED BY: _____
(PLEASE PRINT)

SIGNATURE: _____ DATE: _____