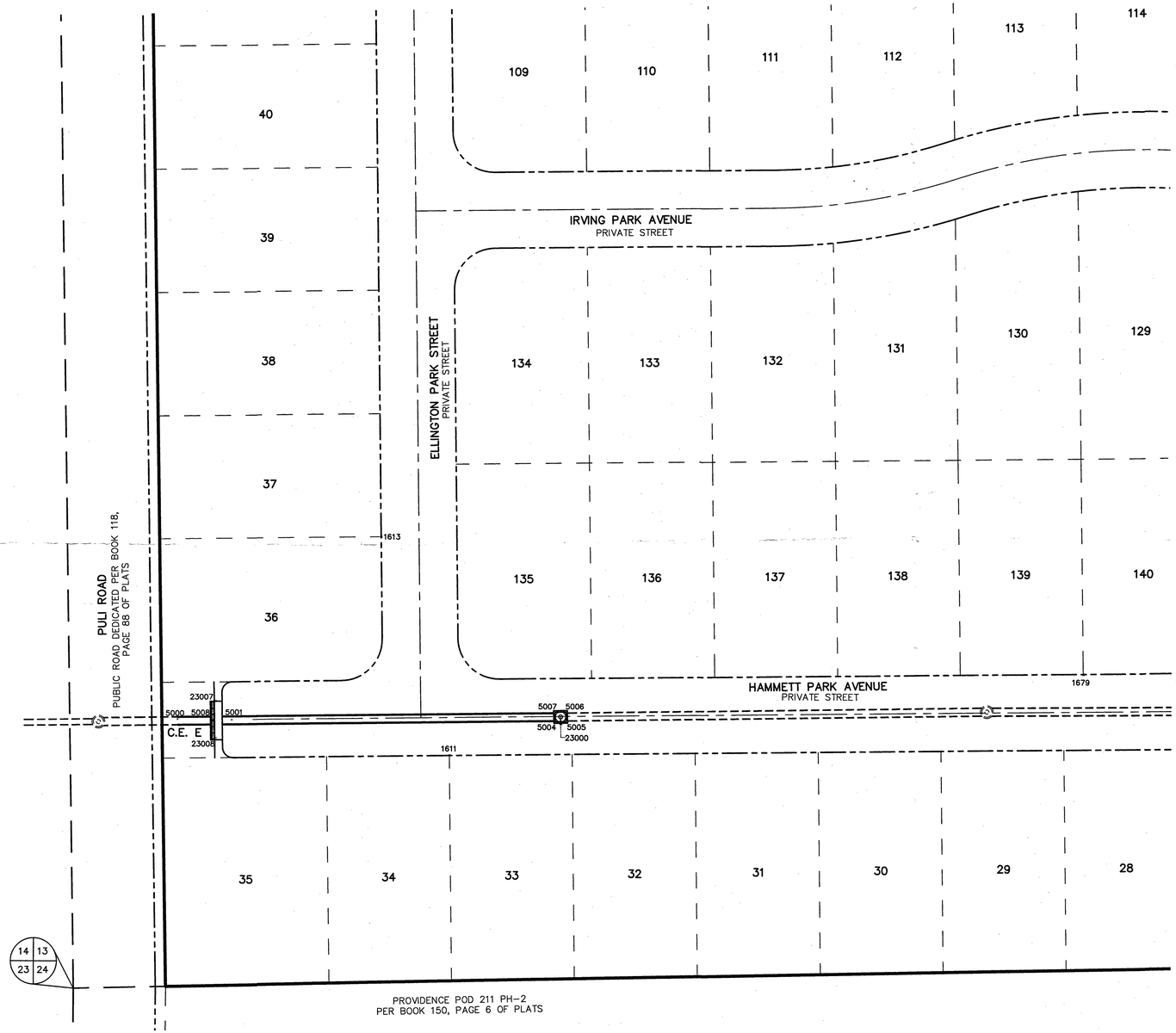


NORTH

GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.

## LEGEND

- SUBDIVISION BOUNDARY
- SECTION LINE
- RIGHT OF WAY
- EXISTING RIGHT OF WAY
- PROPERTY LINE
- CENTERLINE
- ASSESSORS PARCEL LINE
- STORM DRAIN PIPE
- EXISITING STORM DRAIN PIPE
- 9 — LOT NUMBER
- STORM DRAIN MANHOLE
- EXISTING STORM DRAIN MANHOLE
- STORM DRAIN JUNCTION BOX
- STORM DRAIN DROP INLET
- 5100 — AS-BUILT POINT NUMBER

## HORIZONTAL DATUM

HORIZONTAL DATUM SHOWN HEREON IS BASED UPON NORTH AMERICAN DATUM OF 1983 (NAD 83 (2011) EPOCH 2010.00 REALIZATION), NEVADA STATE PLANE COORDINATE SYSTEM EAST ZONE (2701).

## BENCHMARK

CITY OF LAS VEGAS BENCHMARK: 6LV99 24NNW6

BEING A RIVET AND PLATE IN CONCRETE PAD (ELETRIC) 200' +/- SW OF PI OF ELKHORN ROAD AND SCHAUMBER ROAD
ELEVATION: 3000.77 (U.S. SURVEY FEET)
914.637 (METERS)

BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88), CITY OF LAS VEGAS 2008 ADJUSTMENT

## NOTES

1. THE PURPOSE OF THIS SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE STORM DRAIN FACILITIES IN FRANKLIN PARK AT PROVIDENCE II - PHASE 3, AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDERS OFFICE IN BOOK 149, PAGE 17 OF PLATS, SITUATE IN THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AND THE SURVEY WAS COMPLETED ON OCTOBER 7, 2016.

   THE POSITIONAL CERTAINTY OF THE AS-BUILT INFORMATION SHOWN HEREON IS WITHIN +/- 0.3' HORIZONTALLY AND VERTICALLY.

2. UNABLE TO SURVEY OUTSIDE CORNERS OF STORM DRAIN JUNCTION BOX LOCATED AT POINT #23000 DUE TO STRUCTURE BEING BACKFILLED PRIOR TO SURVEY.

TRI-CORE SURVEYING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FOR THE CONVENIENCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY TRI-CORE SURVEYING IN WRITING IMMEDIATELY.

POINT TABLE

| POINT # | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 1611 | 26808050.72 | 730017.73 | 0.00 | CP 1 - CURB SCRIBE 32/33 |
| 1613 | 26808157.01 | 729984.37 | 0.00 | CP 3 - CURB SCRIBE 36/37 |
| 1679 | 26808091.33 | 730326.95 | 0.00 | CP 2 - CURB SCRIBE 139/140 |
| 5000 | 26808067.84 | 729885.09 | 3036.98 | TOP 42" RCP |
| 5001 | 26808067.57 | 729911.45 | 3032.61 | TOP 42" RCP |
| 5004 | 26808067.06 | 730069.45 | 3025.42 | INSIDE CORNER JUNCTION BOX |
| 5005 | 26808067.20 | 730074.69 | 3025.42 | INSIDE CORNER JUNCTION BOX |
| 5006 | 26808071.85 | 730074.57 | 3025.42 | INSIDE CORNER JUNCTION BOX |
| 5007 | 26808071.71 | 730069.32 | 3025.42 | INSIDE CORNER JUNCTION BOX |
| 5008 | 26808067.57 | 729902.06 | 3029.28 | 42" RCP INV @ INSIDE FACE DI |
| 23000 | 26808069.46 | 730072.01 | 3025.42 | INVERT ELEVATION @ SDMH CL BARREL |
| 23007 | 26808076.83 | 729903.50 | 3038.06 | EDGE OF DI @ TOP OF CURB |
| 23008 | 26808058.65 | 729903.85 | 3038.10 | EDGE OF DI @ TOP OF CURB |

CLV PROJECT H#56814
CLV DRAWING #107Y4898-3
FMP-56904

| NO. | DESCRIPTION | DATE | APP'D |
|---|---|---|---|
| | | | |

The Contractor shall verify and be responsible for all dimensions. DO NOT scale this drawing - any errors or omissions shall be reported to the Engineer before commencement of work.



DATE : 10/10/2016
PM : GS
DRAWN BY : RD
DESIGNED BY :
CHECKED BY :
ADA CHECKED :
JOB NO. : 20712.0003
SCALE : 1"=30'

TRI-CORE
SURVEYING, LLC
LAND SURVEYING · CONSTRUCTION STAKING
MAPPING & LAND DEVELOPMENT SERVICES
BOUNDARY & TOPOGRAPHIC SURVEYS
6761 WEST CHARLESTON BLVD.
LAS VEGAS, NEVADA 89146
TEL (702) 821-1554 FAX (702) 970-4378

TOLL BROTHERS

FRANKLIN PARK AT PROVIDENCE II - PHASE 3

# STORM DRAIN FINAL MAP LOCATION

PROFESSIONAL LAND SURVEYOR
ROSS J. DOYLE
EXPIRES 12-31-16
No. 22612
STATE OF NEVADA
10-10-16

SHEET
1
OF 1

P:\20712.0003 Franklin Park\Construction\Asbuilts_UNIT 3 ASBUILTS\Storm Drain Asbuilt\FRANKLIN PARK U3 SD ASBUILT.dwg rdoyle Mon, 10 Oct 2016 - 11:52am

# 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. Riekki, PLS
City Surveyor

C: Ross J Doyle, PLS
Tri-Core Surveying

Oh-Sang Kwon, P.E., Engineering Project Manager
Flood Control Section

Date: October 27, 2016

Re: Storm Drain Final Location Map
FRANKLIN PARK AT PROVIDENCE II PHASE 3
(Drawing No. 107Y4898-3, L-Civil No. 56814)

---

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: October 27, 2016

Signature

City Surveyor
Title

Public Works/Survey
Department/Division

ARR/OS:js

RECEIVED
SEP 20 2016
CITY OF LAS VEGAS
SURVEY

# 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) 631-3000

## 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:** Franklin Park at Providence II **UNIT:** ___ **PHASE:** 3
**PROJECT LOCATION:** Shaumber & Franklin Park in Las Vegas, NV
**CLV PLAN #:** 107Y4898-3 **CLV PROJECT #** 56814 **SHEET NO. (S):** 22 of 32
**# OF MANHOLES** 1 **PUB. SEWER/STORM DRAIN LIN. FT.** __ **# OF PRIVATE LATERALS** __

**DEVELOPER:** Toll North LLC **PHONE:** 702-243-9800 **FAX:** 702-243-9610
**SURVEY CO.:** Tri-Core Surveying **PHONE:** 702-821-1554 **FAX:** 702-870-4378
**CONTRACTOR:** Terra Contracting **PHONE:** 702-651-8100 **FAX:**
**CONTRACTOR'S SUPERVISOR NAME:** Chris Proudfoot **MOBILE:** 702-580-0688
**DATE OF REQUEST:** September 15, 2016

# 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:** 10/27/16 **NOT ACCEPTABLE BY CITY SURVEYOR DATE** _____

**CLV SURVEYOR'S SIGNATURE:** _____ **DATE:** 10/27/16

**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
## STORM DRAIN
## FINAL LOCATION MAP

**JOB NUMBER** H56814 SD2
**PROJECT NAME** FRANKLIN PARK AT PROVIDENCE II PHASE 3
**WORK AUTH. NO.** P28000
**SUBMITTED BY** Tri-Core Surveying
**PROJECT TYPE** CIP ☐ Land Dev ☐ Street Rehab ☐
**DATE** 10/27/16
**REVIEWED BY** O. 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) | ☑ | ☐ | ☐ | |
| 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 ("Storm Drain Final Location Map") | ☐ | ☐ | ☐ | |
| CLV project name shown | ☐ | ☐ | ☐ | |
| CLV Hansen No. shown | ☐ | ☐ | ☐ | |
| CLV Drawing No. shown | ☐ | ☐ | ☐ | |
| Preparer'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 – STORM DRAIN FINAL LOCATION MAP

| REVIEW ITEM | OK | SEE R/L | N/A | COMMENTS |
|---|---|---|---|---|
| **Storm Drain Improvements Data** | | | | |
| ***NOTE**<br>As of December 1, 2015 **manhole cover locations are no longer required**. | | | | |
| Manhole Barrel/Base: (measured horizontally at centerline of barrel/base structure, vertical location does not apply) | ☐ | ☐ | ☐ | |
| Drop Inlets (measured horizontally at back of curb at each outer extent of box, vertically at top of curb) | ☐ | ☐ | ☐ | |
| Vaults and Junction Structures (measured horizontally at all outer extents of structure, vertically at top of structure) | ☑ | ☐ | ☐ | |
| Pipes and RCB's: locate at all connections to other pipes and structures, all horizontal and vertical deflections, points of termination (stubs), point at which pipe/RCB exits the public right-of-way or easement (measured horizontally at centerline of pipe/RCB, vertically at top of pipe/RCB) | ☑ | ☐ | ☐ | |
| ***NOTE**<br>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 | ☐ | ☐ | ☐ | |
| Coordinate system indicated (only CLV approved coordinate systems are to be used) | ☐ | ☐ | ☐ | |
| Horizontal datum, datum adjustment, and epoch date indicated (only CLV approved datums are to be used) | ☐ | ☐ | ☐ | |
| Benchmark ID, description, elevation indicated | ☐ | ☐ | ☐ | |
| Statement of positional accuracy per the tolerances indicated below | ☐ | ☐ | ☐ | |
| ***NOTE**<br>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) | ☐ | ☐ | ☐ | |

| ADDITIONAL COMMENTS |
|---|
| |
| |
| |
| |
| |
| |
| |