

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: Lyle E. Yenglin, PLS
Baughman & Turner

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

Date: September 26, 2018

Re: Sanitary Sewer Final Location Map
KABOOM BATTING ACADEMY
(Drawing No. 107V6065, L-Civil No. 49481)

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: September 25, 2018



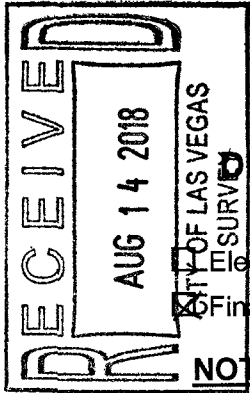
Signature

City Surveyor

Title

Public Works/Survey

Department/Division



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: KABOOM BATTING ACADEMY UNIT: PHASE:

PROJECT LOCATION: BALSAM / RED COACH

CLV PLAN #: 107Y6065 CLV PROJECT # ~~49481~~ SHEET NO. (S):

OF MANHOLES 2 PUB. SEWER/STORM DRAIN LIN. FT. # OF PRIVATE LATERALS

DEVELOPER: PHONE: FAX:

SURVEY CO.: BAUGHMAN & TURNER PHONE: 702-871-8771 FAX: 702-878-2695

CONTRACTOR: PHONE: FAX:

CONTRACTOR'S SUPERVISOR NAME: MOBILE:

DATE OF REQUEST:

**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: NOT ACCEPTABLE BY CITY SURVEYOR DATE

CLV SURVEYOR'S SIGNATURE: *Alan R. Riller* DATE: 9-26-18

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 L49481 SS2
PROJECT NAME KABOOM BATTING ACADEMY
WORK AUTH. NO. P28000
SUBMITTED BY BAUGHMAN & TURNER (LYLE E. YENGLIN)
PROJECT TYPE CIP Land Dev Street Rehab
DATE 9/25/18
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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electronic media containing comma-separated coordinate file	<input 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 checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WAIVED - USED CLV SURVEY VERIFICATION LOCATIONS.
Vaults and Junction Structures: (measured horizontally at all outer extents of structure, vertically at top of structure)	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	LATERAL AT R/W - USED CLV SURVEY LOCATIONS. ALL OTHER LOCATIONS ARE ACCEPTABLE
*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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ADDITIONAL COMMENTS				

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 8LV00 3E4 - BEING A RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF CRAIG ROAD AND RAINBOW BOULEVARD.

705.770 METERS NAVD 88 DATUM 2315.51 FEET

HORIZONTAL DATUM

HORIZONTAL DATUM SHOWN HEREON IS BASED UPON NORTH AMERICAN DATUM OF 1983, NEVADA STATE PLANE COORDINATE SYSTEM EAST ZONE (2701)

NOTES

THE PURPOSE OF SURVEY IS TO PROVIDE AS-BUILT INFORMATION FOR THE SANITARY SEWER FACILITIES IN THE KABOOM PROJECT.

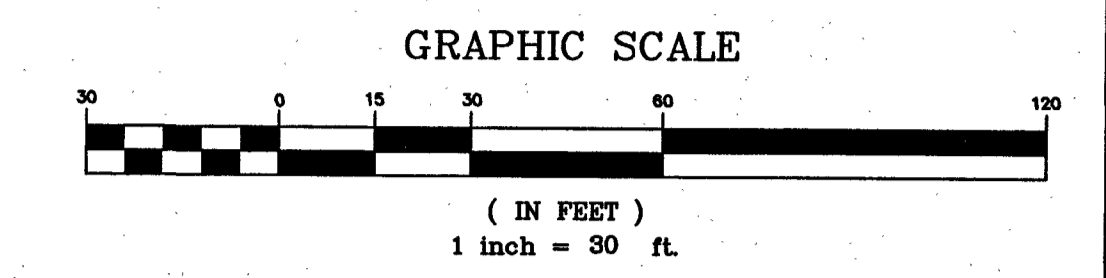
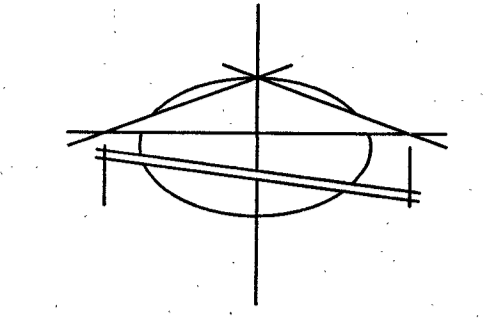
THE SURVEY WAS COMPLETED JULY 13, 2018.

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

Point #	Elevation	Northing	Easting	Description
5001	2321.41	26790685.65	756085.77	ZINALCAP/PLS16802
5002	2318.75	26790687.03	756758.25	ZINBCCONCPLS20394
5075	2310.74	26790693.41	756731.85	TOPSSPIPE
5076	2311.13	26790692.98	756681.92	TOPSSPIPE
5077	2311.48	26790692.77	756632.44	TOPSSPIPE
5078	2311.82	26790692.69	756582.66	TOPSSPIPE
5079	2311.90	26790692.56	756532.96	TOPSSPIPE
5080	2312.28	26790692.35	756499.05	TOPSSPIPE
5081	2314.54	26790691.74	756295.01	TOPSSPIPE
5082	2313.95	26790691.86	756334.54	TOPSSPIPE
5083	2313.40	26790691.94	756386.54	TOPSSPIPE
5084	2312.73	26790692.11	756443.92	TOPSSPIPE
5085	2311.84	26790692.19	756456.62	PIPE INVERT
5086	2311.99	26790692.09	756453.88	PIPE INVERT
5096	2315.08	26790691.61	756234.16	TOPSSPIPE
5097	2315.41	26790691.45	756199.39	TOPSSPIPE
5098	2315.33	26790690.18	756198.39	TOPSSPIPE
5099	2315.73	26790691.39	756170.86	TOPSSPIPE
5100	2315.99	26790690.41	756164.58	TOPSSPIPE
5101	2316.06	26790688.94	756161.01	TOPSSPIPE

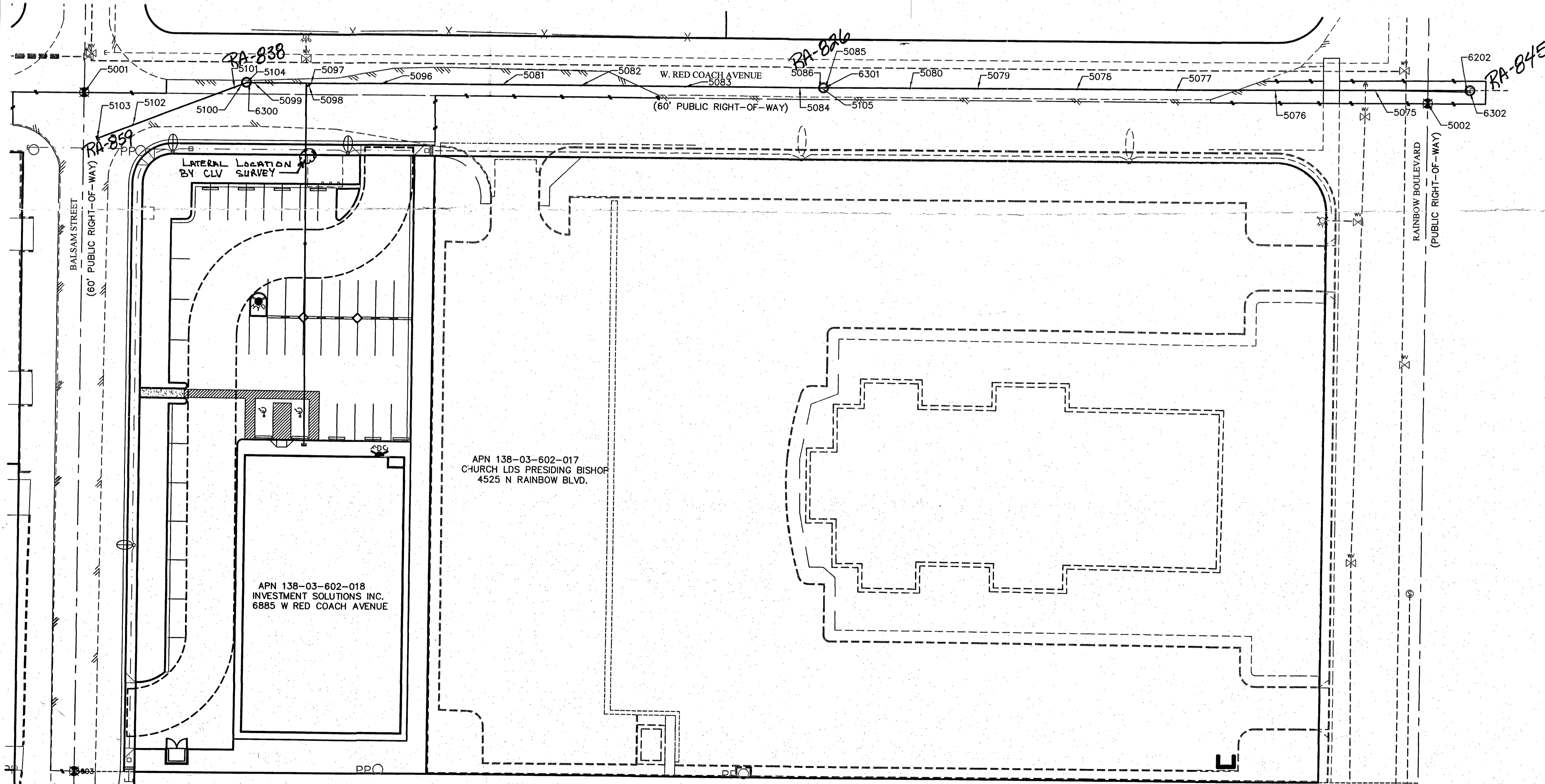
Point #	Elevation	Northing	Easting	Description
5102	2316.38	26790670.11	756110.44	TOPSSPIPE
5103	2316.46	26790663.32	756092.53	TOPSSPIPE
5104	2320.70	26790691.46	756166.96	SSMH RIM
5105	2319.98	26790692.20	756454.72	SSMH RIM
6202	2318.16	26790692.95	756777.90	SSMH RIM
6300	2315.08	26790691.61	756234.16	CL SSMH BARREL
6301	2315.08	26790692.21	756100.22	CL SSMH BARREL
6302	2315.08	26790692.94	756777.90	CL SSMH BARREL

BARREL LOCATIONS BY CLV SURVEY



LEGEND:

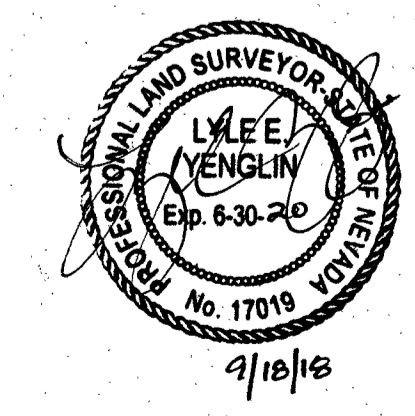
- BOUNDARY LINE
- - - SECTION LINE
- · - · - CENTERLINE
- · - · - ADJACENT PROPERTY LINE
- · - · - EDGE OF PAVEMENT
- · - · - EASEMENT LINE
- · - · - BUILDING LINE
- · - · - BUILDING SETBACK LINE
- · - · - BLOCK WALL
- x x x x x FENCE
- NOTHING FOUND OR SET
- FOUND MONUMENT AS DESCRIBED
- SQ.FT. SQUARE FEET
- APN ASSESSOR'S PARCEL NUMBER
- O.R. OFFICIAL RECORDS
- B.S.L. BUILDING SETBACK LINE
- (R) RADIAL LINE
- TRAFFIC SIGNAL
- STREET LIGHT BOX
- TRAFFIC SIGNAL BOX
- WATER METER
- WATER BACKFLOW DEVICE
- WATER VALVE
- GAS METER
- GAS VAULT
- TELEPHONE VAULT
- TV BOX
- ELECTRIC MANHOLE
- GAS STUB
- BOLLARD
- ELECTRIC METER
- ELECTRIC BOX
- ELECTRIC PANEL
- ELECTRIC VAULT
- TRANSFORMER
- WATER VALVE
- CLEAN OUT
- SEWER MANHOLE
- FIRE HYDRANT
- AREA LIGHT
- STREET LIGHT
- SIGNS
- GATE
- HANDICAP
- VAULT
- SIGN
- UTILITY METER
- COLUMN
- DRAIN PIPE
- STORM DRAIN



APN 138-03-602-017
CHURCH LDS PRESIDING BISHOP
4525 N RAINBOW BLVD.

APN 138-03-602-018
INVESTMENT SOLUTIONS INC.
6885 W RED COACH AVENUE

APN 138-03-602-019
CA LAS VEGAS NRB LLC
4491 N RAINBOW BLVD.



CLV DRAWING #107V6065
CLV PROJECT NO. HTE# 49481

KABOOM BATTING ACADEMY
 PREPARED FOR:
 DATE: 08/14/18
 DESIGN: LEY
 DRAWN: LEY
 CHECK: DT
 SCALE: NOTED
BAUGHMAN & TURNER, INC.
 CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS
 1210 HINSON STREET LAS VEGAS, NEVADA 89102
 PHONE: (702) 870-8771 FAX: (702) 878-2895

KABOOM BATTING ACADEMY
 SANITARY SEWER FINAL LOCATION
 SECTION 03, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.B. & M. NEVADA
 LV APN 138-03-602-018
 SHEET 1
 PROJ. NO. PF