

# Memorandum

Department of Public Works  
City Engineer Division  
Survey Section  
333 North Rancho Dr., 8<sup>th</sup> 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 *MR*  
City Surveyor

C: Ross J. Doyle, PLS  
Tri-Core Surveying

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

Date: July 16, 2020

Re: Sanitary Sewer Final Location Map  
BLM 33  
(Drawing No. 107Y5099, L-Civil No. L18-02380)

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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: July 16, 2020

*MR*  
\_\_\_\_\_  
Signature

*For* City Surveyor  
\_\_\_\_\_  
Title

Public Works/Survey  
\_\_\_\_\_  
Department/Division

ARR/MD:mj

# 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: BLM 33 UNIT:     PHASE:    

PROJECT LOCATION: Buffalo Drive & West Cliff Drive in Las Vegas, NV

CLV PLAN #: 107V5099 CLV PROJECT # L18-02380 SHEET NO. (S): 8-13 of 24

# OF MANHOLES 16 PUB. SEWER/STORM DRAIN LIN. FT.     # OF PRIVATE LATERALS    

DEVELOPER: D.R. Horton, Inc PHONE: 702-635-3600 FAX:    

SURVEY CO.: Tri-Core Surveying PHONE: 702-821-1554 FAX: 702-870-4378

CONTRACTOR: M Con, Inc. PHONE: 702-248-6662 FAX:    

CONTRACTOR'S SUPERVISOR NAME: Cody Dennet MOBILE: 702-844-0830

DATE OF REQUEST: June 15, 2020

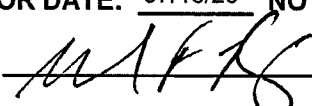
**SUBMIT DIRECTLY TO THE OFFICE OF THE CITY  
SURVEYOR LOCATED ON THE 8<sup>th</sup> FLOOR OF THE  
DSC / 333 N Rancho, 89106**

**Please get a stamped copy of this form for your records.**

### CITY USE ONLY

DATE AND INITIALS / RECEIVED BY THE CITY SURVEYOR 06/15/20 - MAJ

ACCEPTABLE BY CITY SURVEYOR DATE: 07/16/20 NOT ACCEPTABLE BY CITY SURVEYOR DATE    

CLV SURVEYOR'S SIGNATURE:  DATE: 7/16/2020

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.



| POINT TABLE |             |           |           |                     |
|-------------|-------------|-----------|-----------|---------------------|
| POINT #     | NORTHING    | EASTING   | ELEVATION | DESCRIPTION         |
| 10126       | 26765875.47 | 750184.14 | 2508.92   | TOP 8" PVC MAIN     |
| 10127       | 26765874.39 | 750183.71 | 2510.05   | TOP 4" PVC LATERAL  |
| 10128       | 26765851.42 | 750186.42 | 2512.88   | TOP 4" PVC LATERAL  |
| 10131       | 26765890.65 | 750237.44 | 2508.75   | TOP 8" PVC MAIN     |
| 10132       | 26765889.80 | 750237.30 | 2509.86   | TOP 4" PVC LATERAL  |
| 10133       | 26765870.70 | 750242.30 | 2511.94   | TOP 4" PVC LATERAL  |
| 10135       | 26765896.97 | 750259.99 | 2509.72   | TOP 8" PVC MAIN     |
| 10136       | 26765895.97 | 750259.85 | 2509.89   | TOP 4" PVC LATERAL  |
| 10137       | 26765876.77 | 750264.23 | 2511.86   | TOP 4" PVC LATERAL  |
| 10139       | 26765908.07 | 750298.70 | 2509.56   | TOP 8" PVC MAIN IN  |
| 10140       | 26765885.43 | 749815.76 | 2511.75   | TOP 8" PVC MAIN OUT |
| 10141       | 26765884.80 | 749809.36 | 2511.97   | TOP 8" PVC MAIN IN  |
| 10142       | 26765883.63 | 749750.41 | 2512.38   | TOP 8" PVC MAIN     |
| 10143       | 26765882.82 | 749749.98 | 2512.46   | TOP 4" PVC LATERAL  |
| 10144       | 26765849.08 | 749749.78 | 2517.57   | TOP 4" PVC LATERAL  |
| 10146       | 26765882.87 | 749714.29 | 2512.60   | TOP 8" PVC MAIN     |
| 10147       | 26765882.03 | 749713.83 | 2512.68   | TOP 4" PVC LATERAL  |
| 10148       | 26765848.16 | 749714.29 | 2517.61   | TOP 4" PVC LATERAL  |
| 10150       | 26765882.02 | 749673.51 | 2512.74   | TOP 8" PVC MAIN OUT |
| 10151       | 26765885.79 | 749669.79 | 2512.90   | TOP 8" PVC MAIN IN  |
| 10152       | 26765881.92 | 749668.43 | 2512.83   | TOP 8" PVC MAIN IN  |
| 10153       | 26765881.31 | 749626.87 | 2513.07   | TOP 8" PVC MAIN     |
| 10154       | 26765880.36 | 749626.14 | 2513.33   | TOP 4" PVC LATERAL  |
| 10155       | 26765844.18 | 749627.94 | 2518.10   | TOP 4" PVC LATERAL  |
| 10157       | 26765880.48 | 749592.05 | 2513.30   | TOP 8" PVC MAIN     |
| 10158       | 26765879.61 | 749591.27 | 2513.48   | TOP 4" PVC LATERAL  |
| 10159       | 26765842.39 | 749592.54 | 2518.93   | TOP 4" PVC LATERAL  |
| 10161       | 26765878.99 | 749526.99 | 2513.56   | TOP 8" PVC MAIN     |
| 10162       | 26765878.21 | 749526.18 | 2513.88   | TOP 4" PVC LATERAL  |
| 10163       | 26765841.33 | 749527.09 | 2520.13   | TOP 4" PVC LATERAL  |
| 10165       | 26765877.66 | 749461.41 | 2513.86   | TOP 8" PVC MAIN     |
| 10166       | 26765876.86 | 749460.59 | 2513.94   | TOP 4" PVC LATERAL  |
| 10167       | 26765841.15 | 749460.78 | 2512.16   | TOP 8" PVC LATERAL  |
| 10169       | 26765881.41 | 749446.00 | 2514.15   | TOP 8" PVC MAIN     |
| 10170       | 26765881.36 | 749444.75 | 2514.38   | TOP 4" PVC LATERAL  |
| 10171       | 26765849.99 | 749416.13 | 2520.88   | TOP 4" PVC LATERAL  |
| 10173       | 26765911.70 | 749415.21 | 2514.33   | TOP 8" PVC MAIN     |
| 10174       | 26765911.72 | 749414.07 | 2514.61   | TOP 8" PVC MAIN     |
| 10175       | 26765878.85 | 749381.02 | 2521.92   | TOP 4" PVC LATERAL  |
| 10177       | 26765923.86 | 749411.58 | 2514.71   | TOP 8" PVC MAIN     |
| 10178       | 26765924.84 | 749410.70 | 2514.87   | TOP 4" PVC LATERAL  |
| 10179       | 26765923.53 | 749371.73 | 2521.86   | TOP 8" PVC LATERAL  |
| 10181       | 26765932.72 | 749411.33 | 2514.61   | TOP 8" PVC MAIN     |
| 10182       | 26765933.58 | 749412.11 | 2514.77   | TOP 4" PVC LATERAL  |
| 10183       | 26765934.74 | 749445.41 | 2520.36   | TOP 4" PVC LATERAL  |
| 10185       | 26765965.96 | 749410.64 | 2514.89   | TOP 8" PVC MAIN     |
| 10186       | 26765966.78 | 749409.76 | 2515.12   | TOP 4" PVC LATERAL  |
| 10187       | 26765965.74 | 749372.42 | 2520.78   | TOP 4" PVC LATERAL  |
| 10189       | 26765993.18 | 749409.92 | 2515.10   | TOP 8" PVC MAIN     |
| 10190       | 26765993.92 | 749410.73 | 2515.40   | TOP 4" PVC LATERAL  |
| 10191       | 26765994.56 | 749443.98 | 2520.58   | TOP 4" PVC LATERAL  |
| 10193       | 26766002.99 | 749409.82 | 2515.20   | TOP 8" PVC MAIN     |
| 10194       | 26766003.76 | 749408.87 | 2515.41   | TOP 4" PVC LATERAL  |
| 10195       | 26766003.28 | 749372.83 | 2520.14   | TOP 4" PVC LATERAL  |
| 10197       | 26766018.34 | 749409.41 | 2515.23   | TOP 8" PVC MAIN     |
| 10198       | 26766019.00 | 749410.11 | 2515.47   | TOP 4" PVC LATERAL  |
| 10199       | 26766018.58 | 749441.34 | 2520.80   | TOP 4" PVC LATERAL  |
| 10201       | 26766044.99 | 749408.75 | 2515.39   | TOP 8" PVC MAIN     |
| 10202       | 26766045.80 | 749407.76 | 2515.50   | TOP 4" PVC LATERAL  |
| 10203       | 26766045.76 | 749368.56 | 2520.03   | TOP 4" PVC LATERAL  |
| 10205       | 26766066.84 | 749408.24 | 2515.49   | TOP 8" PVC MAIN     |
| 10206       | 26766067.66 | 749407.31 | 2515.70   | TOP 4" PVC LATERAL  |
| 10207       | 26766066.17 | 749368.14 | 2520.30   | TOP 4" PVC LATERAL  |
| 10209       | 26766080.61 | 749407.85 | 2515.58   | TOP 8" PVC MAIN     |
| 10210       | 26766081.43 | 749408.67 | 2515.74   | TOP 4" PVC LATERAL  |
| 10211       | 26766082.39 | 749444.46 | 2520.68   | TOP 4" PVC LATERAL  |
| 10213       | 26766103.66 | 749407.31 | 2515.74   | TOP 8" PVC MAIN     |
| 10214       | 26766104.35 | 749408.11 | 2515.96   | TOP 4" PVC LATERAL  |
| 10215       | 26766104.83 | 749439.18 | 2520.31   | TOP 4" PVC LATERAL  |
| 10217       | 26766125.95 | 749406.80 | 2515.77   | TOP 8" PVC MAIN     |

| POINT TABLE |             |           |           |                    |
|-------------|-------------|-----------|-----------|--------------------|
| POINT #     | NORTHING    | EASTING   | ELEVATION | DESCRIPTION        |
| 10218       | 26766126.75 | 749405.84 | 2516.03   | TOP 4" PVC LATERAL |
| 10219       | 26766126.03 | 749372.23 | 2518.61   | TOP 4" PVC LATERAL |
| 10221       | 26766145.74 | 749406.37 | 2515.81   | TOP 8" PVC MAIN    |
| 10222       | 26766146.55 | 749405.44 | 2516.12   | TOP 4" PVC LATERAL |
| 10223       | 26766146.00 | 749371.13 | 2518.36   | TOP 4" PVC LATERAL |
| 10225       | 26766164.79 | 749405.79 | 2516.00   | TOP 8" PVC MAIN    |
| 10226       | 26766165.65 | 749406.55 | 2516.26   | TOP 4" PVC LATERAL |
| 10227       | 26766168.09 | 749434.58 | 2518.60   | TOP 4" PVC LATERAL |
| 10229       | 26766185.00 | 749405.40 | 2516.13   | TOP 8" PVC MAIN    |
| 10230       | 26766185.69 | 749406.10 | 2516.31   | TOP 4" PVC LATERAL |
| 10231       | 26766188.10 | 749432.59 | 2517.86   | TOP 4" PVC LATERAL |
| 10233       | 26766205.96 | 749404.85 | 2516.19   | TOP 8" PVC MAIN    |
| 10234       | 26766206.79 | 749403.93 | 2516.38   | TOP 4" PVC LATERAL |
| 10235       | 26766206.01 | 749370.28 | 2518.80   | TOP 4" PVC LATERAL |
| 10237       | 26766225.91 | 749404.37 | 2516.37   | TOP 8" PVC MAIN    |
| 10238       | 26766226.75 | 749403.44 | 2516.57   | TOP 4" PVC LATERAL |
| 10239       | 26766226.17 | 749369.82 | 2519.56   | TOP 4" PVC LATERAL |
| 10241       | 26766249.82 | 749403.93 | 2516.45   | TOP 8" PVC MAIN    |
| 10242       | 26766250.28 | 749404.64 | 2516.68   | TOP 4" PVC LATERAL |
| 10243       | 26766250.73 | 749429.20 | 2517.35   | TOP 8" PVC MAIN    |
| 10245       | 26766272.52 | 749403.46 | 2516.59   | TOP 8" PVC MAIN    |
| 10246       | 26766273.14 | 749404.19 | 2516.82   | TOP 4" PVC LATERAL |
| 10247       | 26766272.89 | 749428.92 | 2517.70   | TOP 4" PVC LATERAL |
| 10249       | 26766283.49 | 749403.26 | 2516.64   | TOP 8" PVC MAIN    |
| 10250       | 26766284.30 | 749402.30 | 2516.92   | TOP 4" PVC LATERAL |
| 10251       | 26766285.11 | 749369.21 | 2518.84   | TOP 4" PVC LATERAL |
| 10285       | 26765914.03 | 749668.94 | 2513.03   | TOP 8" PVC MAIN    |
| 10286       | 26765914.57 | 749668.04 | 2513.11   | TOP 4" PVC LATERAL |
| 10287       | 26765914.24 | 749633.07 | 2516.85   | TOP 4" PVC LATERAL |
| 10289       | 26765925.08 | 749668.63 | 2513.09   | TOP 8" PVC MAIN    |
| 10290       | 26765925.71 | 749669.45 | 2513.24   | TOP 4" PVC LATERAL |
| 10291       | 26765926.41 | 749695.57 | 2517.85   | TOP 4" PVC LATERAL |
| 10293       | 26765962.51 | 749667.71 | 2513.19   | TOP 8" PVC MAIN    |
| 10294       | 26765963.07 | 749668.56 | 2513.32   | TOP 4" PVC LATERAL |
| 10295       | 26765964.07 | 749694.32 | 2516.64   | TOP 4" PVC LATERAL |
| 10297       | 26765976.60 | 749667.44 | 2513.23   | TOP 8" PVC MAIN    |
| 10298       | 26765977.13 | 749666.53 | 2513.25   | TOP 4" PVC LATERAL |
| 10299       | 26765978.89 | 749630.78 | 2516.72   | TOP 4" PVC LATERAL |
| 10301       | 26766016.90 | 749666.43 | 2513.42   | TOP 8" PVC MAIN    |
| 10302       | 26766017.66 | 749665.60 | 2513.47   | TOP 4" PVC LATERAL |
| 10303       | 26766016.83 | 749628.17 | 2517.60   | TOP 4" PVC LATERAL |
| 10305       | 26766020.93 | 749666.46 | 2513.41   | TOP 8" PVC MAIN    |
| 10306       | 26766021.58 | 749667.17 | 2513.60   | TOP 4" PVC LATERAL |
| 10307       | 26766021.37 | 749693.27 | 2516.80   | TOP 4" PVC LATERAL |
| 10309       | 26766039.43 | 749666.01 | 2513.50   | TOP 8" PVC MAIN    |
| 10310       | 26766040.18 | 749666.87 | 2513.54   | TOP 4" PVC LATERAL |
| 10311       | 26766041.33 | 749692.92 | 2515.78   | TOP 4" PVC LATERAL |
| 10313       | 26766057.21 | 749665.47 | 2513.59   | TOP 8" PVC MAIN    |
| 10314       | 26766057.82 | 749664.67 | 2513.60   | TOP 4" PVC LATERAL |
| 10315       | 26766056.89 | 749627.68 | 2517.35   | TOP 4" PVC LATERAL |
| 10317       | 26766096.69 | 749664.76 | 2513.74   | TOP 8" PVC MAIN    |
| 10318       | 26766097.21 | 749663.88 | 2513.76   | TOP 4" PVC LATERAL |
| 10319       | 26766096.83 | 749627.95 | 2516.44   | TOP 4" PVC LATERAL |
| 10321       | 26766100.56 | 749664.76 | 2513.78   | TOP 8" PVC MAIN    |
| 10322       | 26766101.28 | 749665.50 | 2513.85   | TOP 4" PVC LATERAL |
| 10323       | 26766101.53 | 749690.77 | 2515.82   | TOP 4" PVC LATERAL |
| 10325       | 26766121.91 | 749664.13 | 2513.87   | TOP 8" PVC MAIN    |
| 10326       | 26766122.39 | 749665.01 | 2513.99   | TOP 4" PVC LATERAL |
| 10327       | 26766121.41 | 749689.84 | 2516.56   | TOP 4" PVC LATERAL |
| 10329       | 26766134.81 | 749663.90 | 2513.91   | TOP 8" PVC MAIN    |
| 10330       | 26766135.46 | 749663.07 | 2513.92   | TOP 4" PVC LATERAL |
| 10331       | 26766136.55 | 749627.11 | 2517.74   | TOP 4" PVC LATERAL |
| 10333       | 26766175.57 | 749663.20 | 2514.08   | TOP 8" PVC MAIN    |
| 10334       | 26766176.21 | 749662.41 | 2514.19   | TOP 4" PVC LATERAL |
| 10335       | 26766175.51 | 749626.28 | 2516.56   | TOP 4" PVC LATERAL |
| 10337       | 26766180.16 | 749663.01 | 2514.10   | TOP 8" PVC MAIN    |
| 10338       | 26766180.79 | 749663.84 | 2514.15   | TOP 8" PVC LATERAL |
| 10339       | 26766181.01 | 749688.42 | 2516.84   | TOP 4" PVC LATERAL |
| 10341       | 26766201.00 | 749662.61 | 2514.17   | TOP 8" PVC MAIN    |
| 10342       | 26766201.61 | 749663.31 | 2514.21   | TOP 4" PVC LATERAL |

| POINT TABLE |             |           |           |                    |
|-------------|-------------|-----------|-----------|--------------------|
| POINT #     | NORTHING    | EASTING   | ELEVATION | DESCRIPTION        |
| 10343       | 26766201.54 | 749688.01 | 2516.38   | TOP 4" PVC LATERAL |
| 10345       | 26766215.22 | 749682.34 | 2514.22   | TOP 8" PVC MAIN    |
| 10346       | 26766215.85 | 749661.37 | 2514.30   | TOP 4" PVC LATERAL |
| 10347       | 26766215.71 | 749626.00 | 2516.25   | TOP 4" PVC LATERAL |
| 10349       | 26766234.87 | 749661.78 | 2514.30   | TOP 8" PVC MAIN    |
| 10350       | 26766235.40 | 749660.92 | 2514.32   | TOP 4" PVC LATERAL |
| 10351       | 26766235.07 | 749624.81 | 2516.91   | TOP 4" PVC LATERAL |
| 10353       | 26766259.55 | 749661.24 | 2514.44   | TOP 8" PVC MAIN    |
| 10354       | 26766260.25 | 749661.98 | 2514.42   | TOP 4" PVC LATERAL |
| 10355       | 26766260.69 | 749667.16 | 2516.81   | TOP 4" PVC LATERAL |
| 10357       | 26766279.54 | 749660.81 | 2514.50   | TOP 8" PVC MAIN    |
| 10358       | 26766280.22 | 749661.53 | 2514.58   | TOP 4" PVC LATERAL |
| 10359       | 26766281.33 | 749666.50 | 2516.20   | TOP 4" PVC LATERAL |
| 10361       | 26766282.64 | 749660.61 | 2514.50   | TOP 8" PVC MAIN    |
| 10362       | 26766283.22 | 749669.77 | 2514.59   | TOP 4" PVC LATERAL |
| 10363       | 26766282.40 | 749623.90 | 2516.60   | TOP 4" PVC LATERAL |
| 10365       | 26766332.42 | 749655.84 | 2515.09   | TOP 8" PVC MAIN    |
| 10366       | 26766333.64 | 749656.73 | 2515.25   | TOP 4" PVC LATERAL |
| 10367       | 26766341.73 | 749684.89 | 2516.37   | TOP 4" PVC LATERAL |
| 10369       | 26766354.62 | 749650.42 | 2515.32   | TOP 8" PVC MAIN    |
| 10370       | 26766355.74 | 749648.55 | 2515.32   | TOP 4" PVC LATERAL |
| 10371       | 26766357.05 | 749580.40 | 2516.28   | TOP 4" PVC LATERAL |
| 10372       | 26766358.26 | 749649.53 | 2515.34   | TOP 8" PVC MAIN    |
| 10373       | 26766359.63 | 749650.67 | 2515.39   | TOP 4" PVC LATERAL |
| 10374       | 26766366.73 | 749680.93 | 2516.31   | TOP 4" PVC LATERAL |
| 10376       | 26766371.70 | 749646.27 | 2515.50   | TOP 8" PVC MAIN    |
| 10377       | 26766372.68 | 749644.66 | 2515.59   | TOP 4" PVC LATERAL |
| 10378       | 26766375.04 | 749587.27 | 2515.46   | TOP 4" PVC LATERAL |
| 11000       | 26765885.31 | 749812.24 | 2524.07   | SSMH CL BARREL     |
| 11001       | 26765882.33 | 749670.18 | 2523.52   | SSMH CL BARREL     |
| 11002       | 26766373.76 | 750138.97 | 2512.70   | TOP 8" PVC MAIN    |
| 11003       | 26765893.05 | 750136.99 | 2512.79   | TOP 4" PVC LATERAL |
| 11004       | 26766374.73 | 750084.05 | 2512.98   | TOP 4" PVC LATERAL |
| 11005       | 26765908.73 | 750301.77 | 2514.82   | SSMH CL BARREL     |
| 30000       | 26766369.07 | 750127.72 | 2512.72   |                    |