

MANHOLE SCHEDULE

M.H. #	TOP OF MH	N. INV. EL.	S. INV. EL.	E. INV. EL.	W. INV. EL.	NORTHING	EASTING	COMMENTS
0	2301.6±	---	2289.96	2288.23	2288.23	26791734.4388	759223.3183	PUBLIC
1A	2301.9±	2290.36	2290.16	---	---	26791715.9861	759204.9648	PUBLIC
1	2303.6±	2291.74	---	---	2291.94	26791537.0063	759204.6385	PUBLIC
2	2304.9±	---	2296.19	2295.99	2296.19	26791537.1343	759100.2474	PUBLIC
3	2305.8±	2297.16	---	---	---	26791381.2391	759082.9826	PUBLIC
4	2305.3±	2296.51	---	2296.31	2296.51	26791544.9174	759071.932	PUBLIC
5	2306.2±	---	2297.39	---	---	26791691.1497	759088.1267	PUBLIC
6	2306.2±	---	2296.99	2296.79	2296.99	26791552.7326	759001.3634	PUBLIC
7	2306.9±	2297.83	---	---	---	26791413.5833	758985.9532	PUBLIC
8	2306.4±	2297.48	---	2297.28	2297.48	26791555.9247	758972.5397	PUBLIC
9	2307.2±	---	2298.31	---	---	26791693.3060	758987.7541	PUBLIC
10	2307.2±	---	2298.39	2298.19	2298.39	26791563.7399	758901.9711	PUBLIC
11	2307.9±	2299.23	---	---	---	26791424.5907	758886.5609	PUBLIC
12	2307.4±	2298.88	---	2298.68	2298.88	26791566.932	758873.473	PUBLIC
13	2308.2±	---	2299.71	---	---	26791704.3134	758888.3618	PUBLIC
14	2308.2±	---	2299.79	2299.59	2299.79	26791574.7472	758802.5787	PUBLIC
15	2308.8±	2300.63	---	---	---	26791435.5979	758787.1685	PUBLIC
16	2308.5±	2300.28	---	2300.08	2300.28	26791577.9393	758773.755	PUBLIC
17	2309.2±	---	2301.11	---	---	26791715.3207	758788.9694	PUBLIC
18	2309.2±	---	2301.19	2300.99	2301.19	26791585.7545	758703.1864	PUBLIC
19	2309.9±	2302.03	---	---	---	26791446.6052	758687.7761	PUBLIC
20	2309.5±	2301.68	---	2301.48	2301.68	26791588.3626	758674.3626	PUBLIC
21	2310.2±	---	2302.55	---	---	26791733.2854	758690.3476	PUBLIC
22	2310.5±	2302.79	2302.79	2302.59	---	26791598.9633	758583.9156	PUBLIC
23	2310.5±	2303.04	2302.84	---	2303.04	26791611.8205	758585.3395	PUBLIC
24	2311.0±	---	---	2303.86	---	26791626.9630	758448.6076	PUBLIC
25	2309.7±	---	2303.44	---	2303.64	26791711.2129	758596.3468	PUBLIC
26	2310.6±	---	---	2304.48	---	26791726.7105	758456.4080	PUBLIC
27	2311.0±	2303.14	2303.34	---	2303.34	26791512.6397	758574.3556	PUBLIC
28	2311.6±	---	---	2304.12	---	26791526.6807	758444.6363	PUBLIC
29	2310.1±	2303.74	2303.94	---	2303.94	26791413.0358	758563.3248	PUBLIC
30	2310.7±	---	---	2304.70	---	26791427.0151	758437.0959	PUBLIC
31	2310.9±	2304.36	2304.56	2304.56	2304.56	26791309.6715	758551.8776	PUBLIC
32	2312.5±	2306.16	---	---	---	26791058.3161	758524.0410	PUBLIC
33	2311.6±	---	2305.14	2305.14	2304.94	26791320.1285	75845704549	PUBLIC
34	2312.4±	2306.13	---	---	---	26791152.1602	758438.8531	PUBLIC
35	2311.7±	2305.44	---	2305.24	---	26791322.98.17	758433.6242	PUBLIC
36	2311.1±	---	2305.91	---	---	26791401.4912	758442.3188	PUBLIC
37	2312.1±	---	2305.94	2305.74	2305.94	26791331.1358	758358.0626	PUBLIC
38	2312.7±	2306.72	2306.92	---	---	26791202.2083	758343.7843	PUBLIC
39	2312.2±	---	---	2306.03	2306.23	26791334.0002	758334.2343	PUBLIC
40	2312.6±	---	---	2306.74	---	26791418.4620	758343.5869	PUBLIC
41	2312.9±	2306.69	---	2306.49	---	26791340.8792	758270.0826	PUBLIC
42	2313.7±	---	2307.46	---	---	26791443.0884	758194.6114	PUBLIC

BASIS OF BEARING
 SOUTH 00°13'40" EAST BEING THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN FILE 25, PAGE 44 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

Call before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

Call before you Overhead
 1-702-593-6111
 NEVADA POWER ENVIRONMENT SAFETY SERVICES DEPARTMENT

Underground
 1-702-452-7111
 1-702-228-6611

BENCHMARK
 CITY OF LAS VEGAS BENCHMARK - 2090-20W4
 REBAR ±124 FT. NORTHEAST OF DEER SPRINGS AND FORT APACHE
 ELEVATION = 806.867 METERS (NAVD88)
 ELEVATION = 2647.20 FEET (NAVD88)

QUANTITY ESTIMATE - SEWER

ITEM #	DESCRIPTION	QUANTITY	
		PUBLIC	PRIVATE
1	48" DIA MANHOLE	44 EA	---
2	8" SEWER MAIN	4,188 LF	---
3	4" PVC SEWER LATERAL	---	1,740 LF

QUANTITY ESTIMATE - WATER WATER QUANTITIES

ITEM #	DESCRIPTION	QUANTITY	
		PUBLIC	PRIVATE
1	INSTALL FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATE NO. 7	8 EA	---
2	1" MVR METER 1" K COPPER LATERAL PER UDACS PLATE 1B	124 EA	---
3	1" IRRIGATION METER PER UDACS PLATE #1D 1" RPPA PER UDACS PLATE #11A	3 EA	---
4	6" CAP AND BLOWOFF ASSEMBLY PER UDACS STD. PLATE NO. 4A	19 EA	---
5	8" CAP AND BLOWOFF ASSEMBLY PER UDACS STD. PLATE NO. 4A	1 EA	---
6	12" CAP AND BLOWOFF ASSEMBLY PER UDACS STD. PLATE NO. 4A	1 EA	---
7	6" GATE VALVE PER UDACS STD. PLATE NO. 8	16 EA	---
8	8" GATE VALVE PER UDACS STD. PLATE NO. 8	8 EA	---
9	12" GATE VALVE PER UDACS STD. PLATE NO. 8	1 EA	---
10	8" TEE	2 EA	---
11	8"x6" TEE	13 EA	---
12	10"x6" TEE	1 EA	---
13	8"x6" CROSS	2 EA	---
14	8"x6" REDUCER	1 EA	---
15	10"x8" REDUCER	2 EA	---
16	8" 45° BEND	4 EA	---
17	NOT USED		---
18	10" 90° BEND	1 EA	---
19	10" GATE VALVE PER UDACS STD. PLATE NO. 8	1 EA	---
20	12"x10" TEE	1 EA	---
21	NOT USED		---
22	CONNECT TO EXISTING PER HDACS PLATE 4A	2 EA	---
25	6" PVC WATERLINE	2,741 LF	---
26	8" DIP WATERLINE	142 LF	---
27	8" PVC WATERLINE	1,466 LF	---
28	10" PVC WATERLINE	77 LF	---
29	12" PVC WATERLINE	630 LF	---

QUANTITY ESTIMATE - STREET IMPROVEMENTS

ITEM #	DESCRIPTION	QUANTITY	
		PUBLIC	PRIVATE
1	"L" TYPE CURB AND GUTTER	1096 LF	---
2	CROSS GUTTER	876 SF	833 SF
3	4" SIDEWALK	5418 SF	---
4	HANDICAP RAMP	3 EA	---
5	2" ASPHALTIC CONCRETE PAVING	---	8115 SY
6	4" ASPHALTIC CONCRETE PAVING	5621 SY	---
7	5" ASPHALTIC CONCRETE PAVING	---	---
8	TYPE I AGGREGATE BASE	618 CY	---
9	TYPE II AGGREGATE BASE	1405 CY	8115 CY
10	POWER TO LOTS	124	EA
11	TELEPHONE TO LOTS	124	EA
12	STREETLIGHT	18 EA	---
13	GAS TO LOTS	124	EA
14	CABLE TO LOTS	124	EA

REVISIONS

NO. 7/27/15	BY	DATE
1	REVISED WATER QUANTITIES	7/27/15

SCALE: 1"=40'

PROJECT NO. 001.04015

THOMASON CONSULTING ENGINEERS
 3161 E. WARM SPRINGS ROAD, SUITE 200
 LAS VEGAS, NEVADA 89120
 702-932-6125 FAX: 702-932-6129

RICHMOND AMERICAN HOMES
 LONE MOUNTAIN / TORREY PINES

QUANTITIES AND MANHOLE SCHEDULE

STATE OF NEVADA
 CIVIL
 JOSHUA N. OWEN
 Exp. 12/31/25
 11/3/05

SHEET **C4** OF 21
 DRAWING NO. 10744854