

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	DELTA
1	6276.58'	1300.00	652.33'	11°52'01"
2	6275.58'	958.05'	479.96'	08°44'49"
3	3015.39'	4.51'	2.26'	00°05'09"
4	2957.40'	763.15'	384.79'	14°49'35"
5	2960.96'	12.83'	6.41'	00°14'54"
6	1215.00'	856.62'	446.98'	40°23'44"
7	1682.84'	1187.04'	619.42'	40°24'55"
8	2034.90'	1355.12'	703.76'	38°09'20"

SEWER LINE COORDINATE TABLE

POINT NO.	PROJECT COORDINATES		STATE PLANE COORDINATES		SEWERLINE STATION	COURSE TO NEXT STATION	
	NORTHING	EASTING	NORTHING	EASTING		BEARING	DISTANCE
1	787163.25 ft	746135.87 ft	8163027.18 m	227374.86 m	10+07.76	S 01°13'29" E	189.99 ft
2	786973.31 ft	746139.93 ft	8162969.30 m	227376.09 m	11+97.75	S 00°31'53" W	4946.36 ft
3	782027.16 ft	746094.06 ft	8161462.03 m	227362.12 m	61+44.11	S 03°41'20" W	205.47 ft
4	781822.11 ft	746080.84 ft	8161399.54 m	227358.09 m	63+49.58	S 10°00'13" W	205.47 ft
5	781619.76 ft	746045.15 ft	8161337.88 m	227347.21 m	65+55.05	S 16°19'07" W	205.47 ft
6	781422.56 ft	745987.41 ft	8161277.79 m	227329.62 m	67+60.52	S 22°38'00" W	205.47 ft
7	781232.91 ft	745908.34 ft	8161219.99 m	227305.52 m	69+65.99	S 28°56'54" W	205.47 ft
8	781053.11 ft	745808.89 ft	8161165.20 m	227275.21 m	71+71.46	S 35°15'47" W	205.47 ft
9	780885.34 ft	745690.26 ft	8161114.07 m	227239.06 m	73+76.93	S 38°25'14" W	990.52 ft
10	780109.29 ft	745074.72 ft	8160877.58 m	227051.49 m	83+67.45	S 08°34'14" W	113.09 ft
11	779997.47 ft	745057.87 ft	8160843.51 m	227046.35 m	84+80.54		

WATER LINE COORDINATE TABLE

POINT NO.	PROJECT COORDINATES		STATE PLANE COORDINATES		WATERLINE STATION	COURSE TO NEXT STATION	
	NORTHING	EASTING	NORTHING	EASTING		BEARING	DISTANCE
1	787162.43 ft	746148.14 ft	8163026.93 m	227378.60 m	10+08.47	S 01°13'50" E	188.45 ft
2	786974.02 ft	746152.19 ft	8162969.52 m	227379.83 m	11+96.92	S 00°31'53" W	142.60 ft
3	786831.43 ft	746150.87 ft	8162926.06 m	227379.43 m	13+9.52	S 45°17'26" W	10.30 ft
4	786824.18 ft	746143.55 ft	8162923.86 m	227377.20 m	13+49.82	S 00°31'53" W	4797.28 ft
5	782027.11 ft	746099.06 ft	8161462.01 m	227363.64 m	61+47.10	S 03°41'123" W	206.03 ft
6	781821.51 ft	746085.81 ft	8161399.36 m	227359.60 m	63+53.13	S 10°00'13" W	206.03 ft
7	781618.62 ft	746050.02 ft	8161337.53 m	227348.70 m	65+59.16	S 16°19'07" W	206.03 ft
8	781420.89 ft	745992.13 ft	8161277.28 m	227331.05 m	67+65.19	S 22°38'00" W	206.03 ft
9	781230.73 ft	745912.85 ft	8161219.33 m	227306.89 m	69+71.22	S 28°56'54" W	206.03 ft
10	781050.45 ft	745813.13 ft	8161164.39 m	227276.51 m	71+77.25	S 35°15'47" W	205.88 ft
11	780882.34 ft	745694.26 ft	8161113.16 m	227240.28 m	73+83.13	S 38°25'14" W	993.09 ft
12	780104.28 ft	745077.13 ft	8160876.06 m	227052.22 m	83+76.22	S 60°55'14" W	17.64 ft
13	780095.70 ft	745061.71 ft	8160873.44 m	227047.52 m	83+93.86	S 38°25'14" W	306.14 ft
14	779855.84 ft	744871.46 ft	8160800.35 m	226989.54 m	87+00.00	S 37°36'17" W	299.96 ft
15	779618.20 ft	744688.42 ft	8160727.93 m	226933.77 m	89+99.96	SEE CURVE NO. 1	
16	778505.24 ft	744021.12 ft	8160388.77 m	226730.42 m	102+99.96	S 23°58'58" W	99.98 ft
17	778413.90 ft	743980.48 ft	8160360.94 m	226718.03 m	103+99.94	SEE CURVE NO. 2	
18	777512.94 ft	743657.43 ft	8160086.38 m	226619.59 m	113+57.99	SEE CURVE NO. 3	
19	777508.59 ft	743656.24 ft	8160085.06 m	226619.22 m	113+62.50	S 11°19'17" E	135.10 ft
20	777376.12 ft	743682.76 ft	8160044.69 m	226627.31 m	114+97.60	SEE CURVE NO. 4	
21	776616.49 ft	743609.46 ft	8159813.20 m	226604.97 m	122+62.88	S 01°54'03" E	1747.93 ft
22	774869.53 ft	743667.43 ft	8159280.84 m	226622.63 m	140+10.81		
23	776629.21 ft	743606.06 ft	8159817.08 m	226603.93 m	122+50.07	SEE CURVE NO. 5	
24	776616.39 ft	743606.46 ft	8159813.17 m	226604.05 m	122+62.90	S 01°54'03" E	1750.42 ft
25	774866.93 ft	743664.52 ft	8159280.05 m	226621.75 m	140+13.32		
26	774866.43 ft	743649.53 ft	8159279.89 m	226617.18 m	140+13.32	S 01°54'03" E	1486.75 ft
27	773380.50 ft	743698.84 ft	8158827.08 m	226632.21 m	155+00.07	S 03°25'42" E	300.11 ft
28	773080.93 ft	743716.79 ft	8158735.79 m	226637.67 m	158+00.18	S 01°54'03" E	1600.00 ft
29	771481.81 ft	743769.86 ft	8158248.48 m	226653.85 m	174+00.18	S 00°23'21" W	200.16 ft
30	771281.66 ft	743768.50 ft	8158187.48 m	226653.43 m	176+00.34	S 01°54'03" E	672.31 ft
31	770609.71 ft	743790.80 ft	8157982.71 m	226660.23 m	182+72.65	S 00°32'02" E	263.87 ft
32	770345.85 ft	743793.26 ft	8157902.31 m	226660.98 m	185+36.52	S 21°57'58" W	31.36 ft
33	770316.77 ft	743781.53 ft	8157893.45 m	226657.40 m	185+67.88	S 00°32'02" E	1231.11 ft
34	769085.71 ft	743793.01 ft	8157518.30 m	226660.90 m	197+98.99	S 01°27'28" E	186.08 ft
35	768899.69 ft	743797.74 ft	8157461.61 m	226662.34 m	199+85.07	SEE CURVE NO. 6	
36	768109.60 ft	743515.50 ft	8157220.84 m	226576.33 m	208+41.69	S 39°51'22" W	857.30 ft
37	767451.49 ft	742966.09 ft	8157020.29 m	226408.91 m	216+98.99	S 38°54'39" W	121.24 ft
38	767357.16 ft	742889.94 ft	8156991.54 m	226385.70 m	218+20.23	SEE CURVE NO. 7	
39	766262.28 ft	742498.98 ft	8156657.89 m	226266.56 m	230+07.27	S 00°11'14" W	154.38 ft
40	766107.90 ft	742498.48 ft	8156610.85 m	226266.41 m	231+61.65	S 00°33'19" E	738.35 ft
41	765369.58 ft	742505.63 ft	8156385.86 m	226268.59 m	239+00.00	S 00°33'32" E	279.69 ft
42	765089.91 ft	742508.36 ft	8156300.63 m	226269.42 m	241+79.69	S 45°33'41" E	29.70 ft
43	765069.11 ft	742529.56 ft	8156294.29 m	226275.88 m	242+09.39	S 00°33'41" E	466.79 ft
44	764602.34 ft	742534.14 ft	8156152.05 m	226277.28 m	246+76.18	SEE CURVE NO. 8	
45	763340.97 ft	742111.75 ft	8155767.66 m	226148.56 m	260+31.30	S 35°05'07" W	1078.70 ft
46	762458.27 ft	741491.72 ft	8155498.67 m	225959.61 m	271+10.00		

PENTACORE

CIVIL ENGINEERING • LAND SURVEYING • PLANNING
CONSTRUCTION MANAGEMENT • ADA CONSULTING
6783 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)258-0115

LAS VEGAS VALLEY WATER DISTRICT

GREELEY AND HANSEN
ENGINEERS

4625 SOUTH POLARIS AVENUE, SUITE 210
LAS VEGAS, NEVADA 89103

VERIFY SCALE

1/2" = 1' / 1/2" = 1'

BAR REPRESENTS
ONE AND ONE-HALF
INCHES ON ORIGINAL

RECYCLED WATER DISTRIBUTION SYSTEM - RAMPART BRANCH PIPELINES

HORIZONTAL CONTROL PLAN

DRAWN BY: L. Y. ZHANG
CHECKED BY: STEPHEN P. GATES
RECOMMENDED BY:

03/15/1998
09/30/1998

R.P.E. NO. DATE
13384 10/1/19

ACCEPTED BY: *Stephen P. Gates*
STEPHEN P. GATES

PROFESSIONAL LAND SURVEYOR STATE OF NEVADA
STEPHEN P. GATES
NO. 13384
10-1-98

CONTRACT NUMBER
894

DRAWING NUMBER 08
SHEET 8 OF 45

CLIQUE TABLE

SEWER LINE COORDINATE TABLE

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WATER LINE COORDINATE TABLE

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PENTACORE

LOS ANGELES VALLEY BEACH RESORTS
COWLEY AND HANSEN
CONSULTANTS
200 SOUTH POLARIS AVENUE, SUITE 210
LOS ANGELES, CALIFORNIA 90048

STUDY AREA

Horizontal Control Plan

DATE	2-2-2018
TIME	10:30 AM
BY	...



894