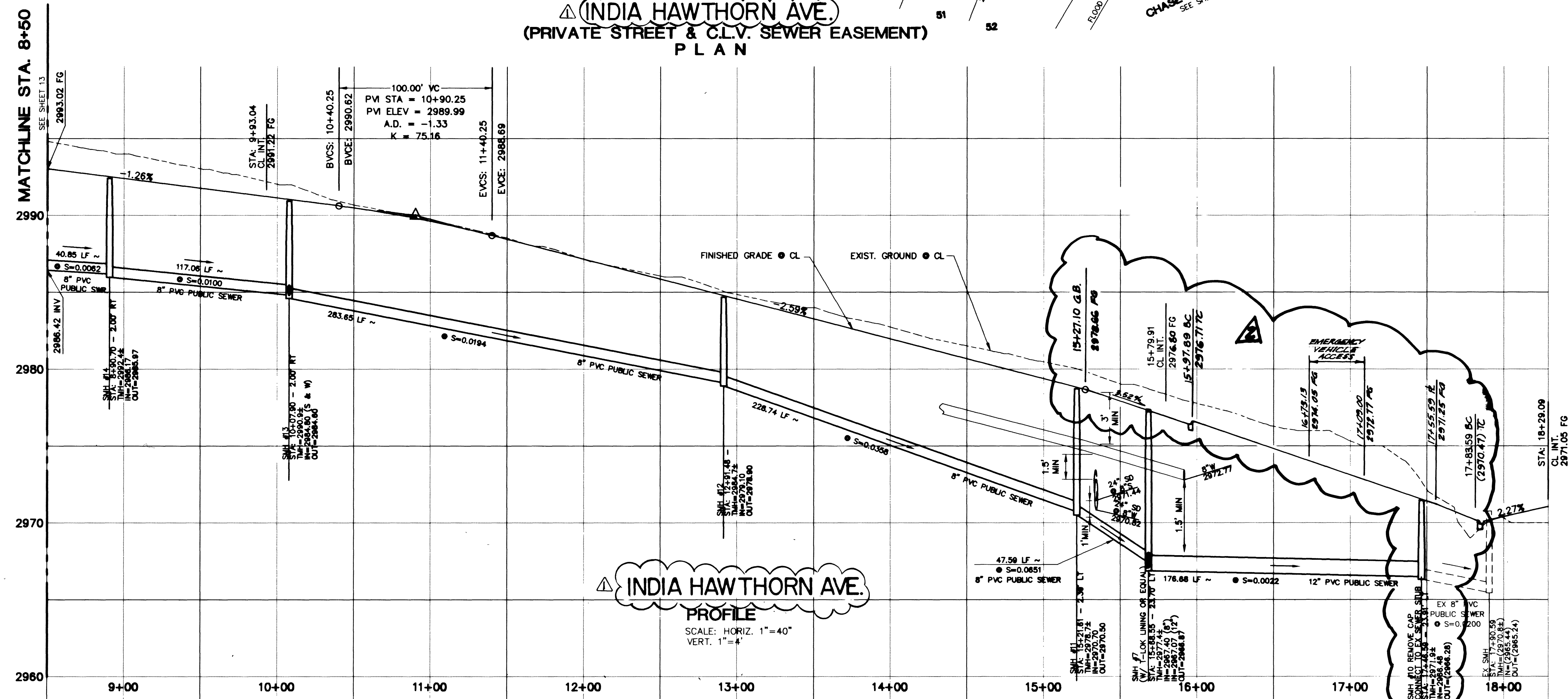
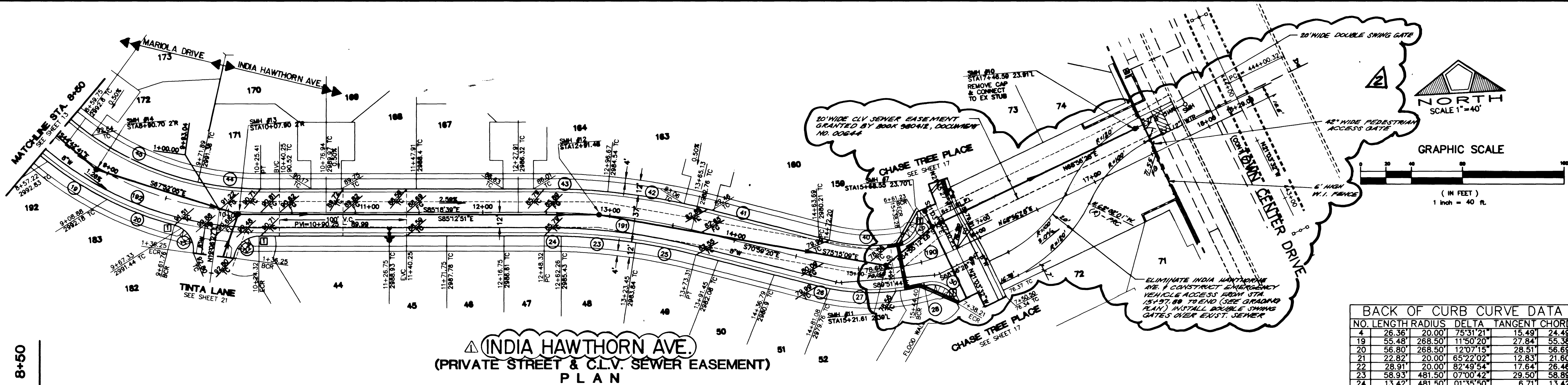




BACK OF CURB CURVE DATA

NO.	LENGTH	RADIUS	DELTA	TANGENT	CHORD
18	26.36	20.00	75°31'21"	15.49	24.49
19	55.48	268.50	11°50'20"	27.84	55.38
20	56.80	268.50	12°07'15"	28.51	56.69
21	22.82	20.00	65°22'02"	12.83	21.60
22	28.91	20.00	82°49'54"	17.64	26.48
23	58.93	481.50	07°00'42"	29.50	58.89
24	13.42	481.50	01°35'50"	6.71	13.42
25	48.01	481.50	05°42'48"	24.02	47.99
26	9.97	168.50	03°23'24"	4.99	9.97
27	55.34	168.50	18°49'09"	27.92	55.10
28	15.79	168.50	05°22'06"	7.90	15.78
29	27.61	20.00	79°05'03"	16.51	25.47
30	47.12	30.00	90°00'00"	30.00	42.08
31	46.60	30.00	88°59'25"	29.48	42.43
32	34.08	20.00	97°32'25"	22.82	36.08
33	52.76	131.50	22°59'12"	28.74	52.40
34	8.48	518.50	00°56'14"	4.24	8.48
35	71.00	518.50	07°50'43"	35.55	70.94
36	50.13	518.50	05°32'22"	25.08	50.11
37	49.56	231.50	12°15'56"	24.87	49.46
38	18.85	6.00	180°00'00"	0.00	12.00
39	54.06	42.00	73°44'32"	31.50	50.40
40	12.36	42.00	16°51'36"	6.22	12.31
41	23.53	50.00	28°57'48"	11.99	23.31
42	64.74	1311.00	02°49'45"	32.38	64.73
43	38.28	1311.00	01°40'22"	19.14	38.28
44	43.60	30.00	83°16'36"	26.67	39.87
45	46.19	284.00	09°19'09"	23.15	46.14
46	54.18	284.00	10°55'47"	27.17	54.09
47	42.69	284.00	08°36'45"	21.39	42.65
48	33.31	316.00	06°02'25"	16.67	33.30
49	45.61	316.00	08°18'13"	22.85	45.57
50	45.61	316.00	08°18'14"	22.85	45.57
51	34.64	316.00	06°16'50"	17.34	34.62
52	23.06	42.00	31°27'34"	11.83	22.77
53	55.64	42.00	75°54'32"	32.78	51.68
54	26.80	42.00	36°33'23"	13.87	26.35
55	47.12	30.00	90°00'00"	30.00	42.43
56	66.08	184.00	20°34'12"	33.39	65.70
57	15.05	184.00	04°41'18"	7.53	15.05
58	27.51	42.00	37°31'20"	14.27	27.02

CENTERLINE CURVE DATA

NO.	LENGTH	RADIUS	DELTA	TANGENT	CHORD
190	104.90	150.00	40°04'12"	54.70	102.78
191	124.98	500.00	14°19'19"	62.82	124.68
192	372.24	250.00	85°18'39"	230.33	336.79

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT _____ DATE _____

CONSTRUCTION NOTES

1. CONSTRUCT SIDEWALK RAMP PER S.I.S. S-75

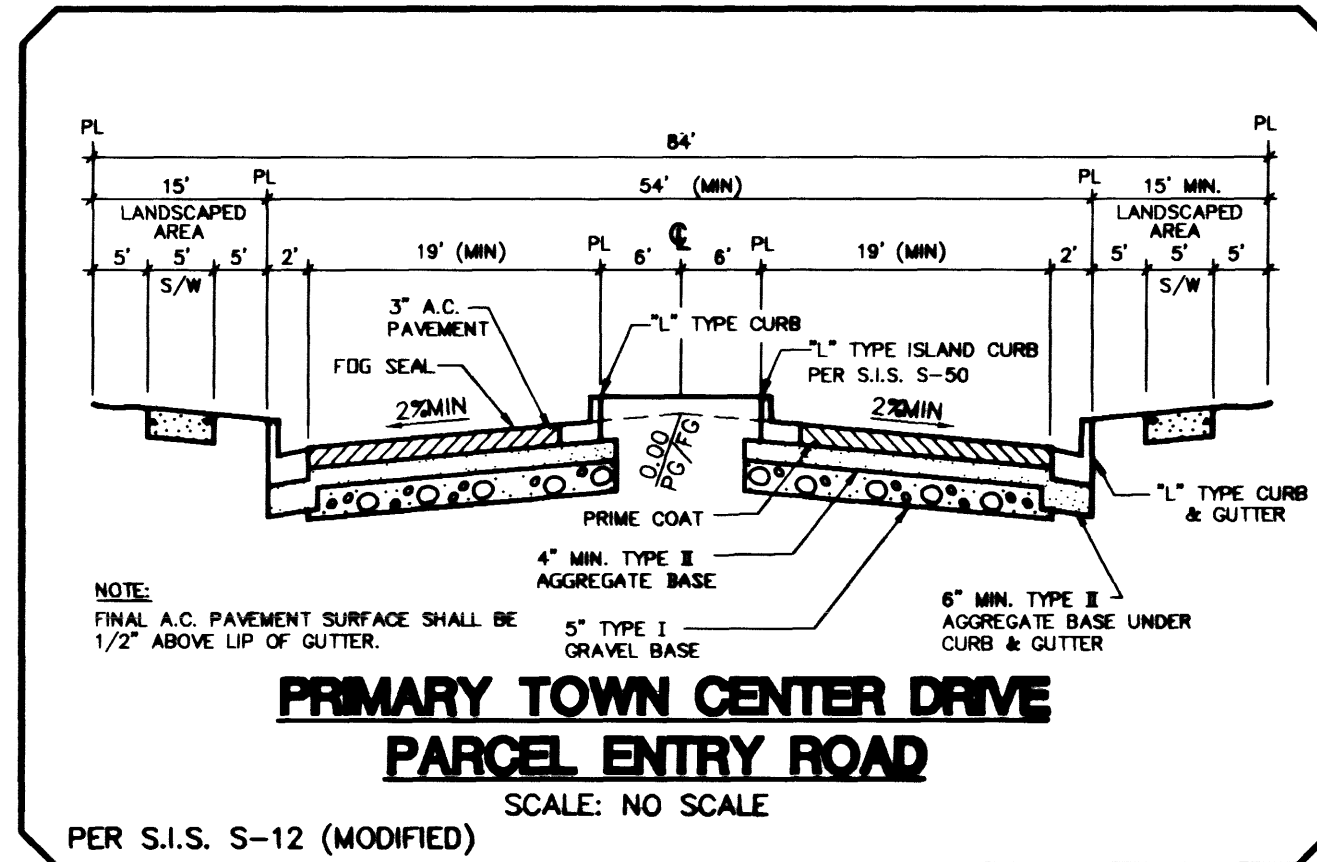
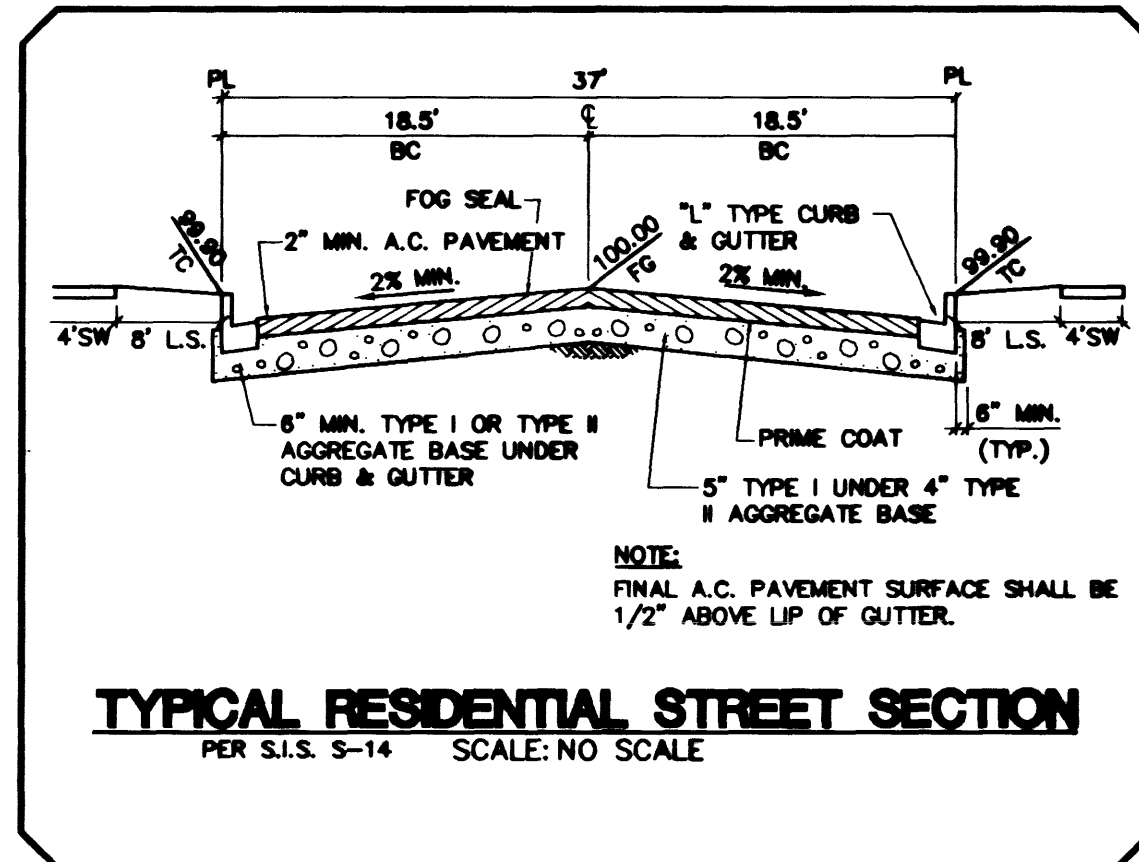
BENCHMARK

RIVET & PLATE IN TC, NORTH CURB LINE ON CHARLESTON BLVD.
APPROX. 1300' EAST OF HUALAPAI WAY.

CLVD=31.55SW = 2867.651 (NAVD 88)
SUMMERLIN (-2.187) = 2865.471
(ALL ELEVATIONS SHOWN ARE BASED ON SUMMERLIN DATUM)

BASIS OF BEARINGS

NORTH 89°41'55" EAST BEING THE SOUTHERLY LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 36, TOWNSHIP 20
SOUTH, RANGE 50 EAST AS SHOWN IN FILE 85, PAGE 17 OF
RECORD OF SURVEY MAPS IN THE CLARK COUNTY RECORDER'S
OFFICE, CLARK COUNTY, NEVADA.



Avoid hitting overhead power lines. It's costly.

Call before you do Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly.

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

NGRO ASSOCIATES
4545 SPRING MOUNTAIN ROAD
LAS VEGAS, NEVADA 89102
(702) 247-1920

PENTACORE
CIVIL ENGINEERING & SURVEYING PLANNING
CONSTRUCTION MANAGEMENT, ADA CONSULTING
LAS VEGAS, NEVADA 89102 (702) 247-1920

**INDIA HAWTHORN AVENUE
PLAN AND PROFILE**
STA 8+50 TO STA 18+28.09

DESERT BLOOM

DATE: 8-11-98
DRAWN BY: [Signature]
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
JOB NO.: 0212.0010
SCALE: 1"=40'

PROFESSIONAL ENGINEER - STATE OF NEVADA
RICHARD P. SENECA
11752

SHEET **14** OF 21
C.L.V. DWG. # 1074-4589