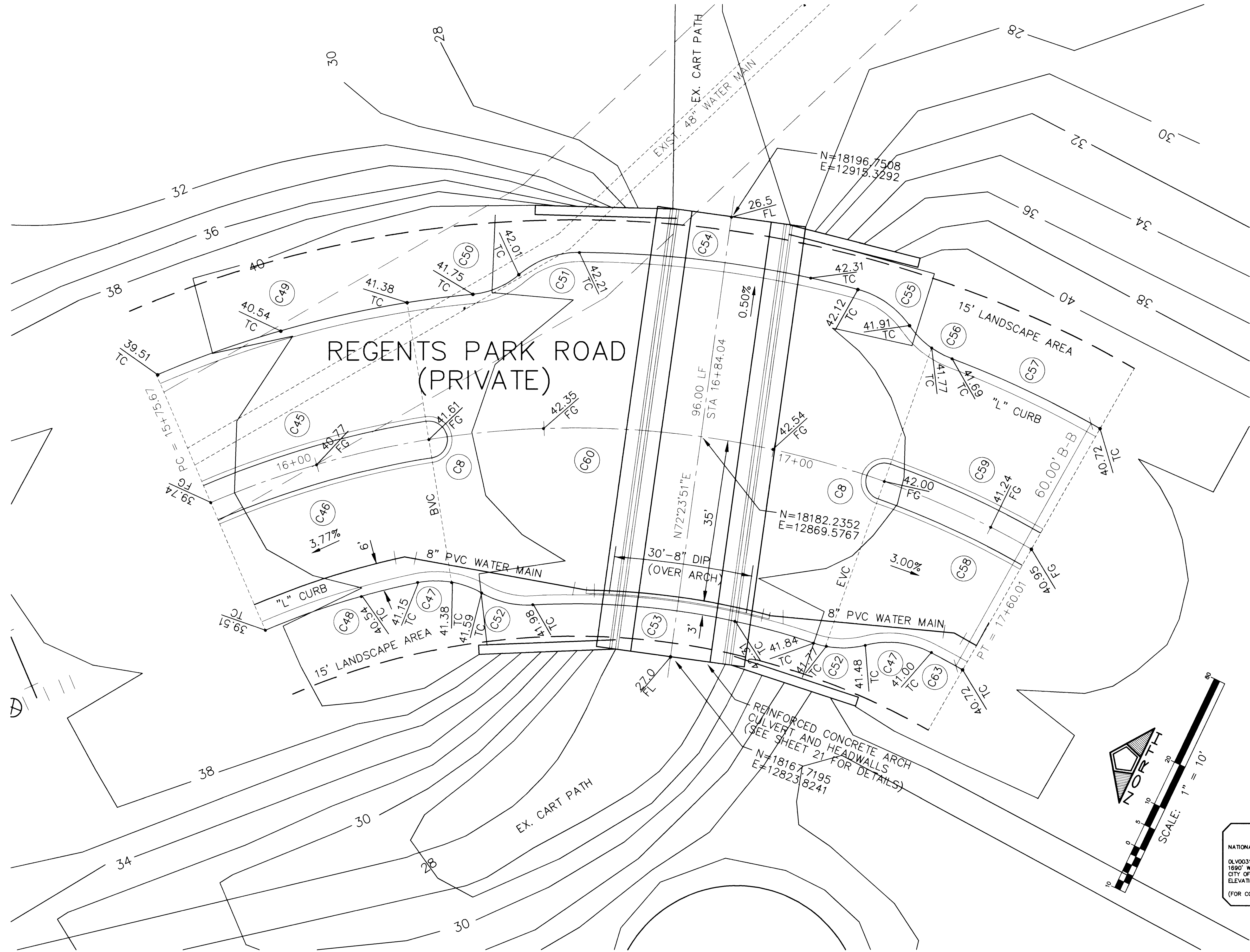


Q:\045\0027\REGENT\PK119-b2dp.dwg Mon May 04 09:23:56 1998 L.Joyd A

19-B2DP.DWG DISK #



GRADING PLAN AT BRIDGE NO. 2

SCALE: 1"=10'

CURVE DATA:

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C8	180°00'00"	4.00'	12.57'	-
C45	14°06'35"	204.00'	50.24'	25.25'
C46	14°06'35"	196.00'	48.27'	24.26'
C47	41°14'10"	20.00'	14.39'	7.52'
C48	11°38'02"	170.00'	34.52'	17.32'
C49	17°40'26"	230.00'	70.95'	35.76'
C50	35°04'53"	18.00'	11.02'	5.69'
C51	40°49'52"	20.00'	14.25'	7.44'
C52	32°54'23"	20.00'	11.49'	5.91'
C53	21°50'36"	162.00'	61.76'	31.26'
C54	14°40'20"	238.00'	60.95'	30.64'
C55	39°55'02"	20.00'	13.93'	7.26'
C56	34°01'28"	20.00'	11.88'	6.12'
C57	08°49'19"	230.00'	35.41'	17.74'
C58	10°03'22"	196.00'	34.40'	17.24'
C59	10°03'22"	204.00'	35.80'	17.95'
C60	52°48'39"	200.00'	184.34'	99.30'
C63	02°40'26"	170.00'	7.93'	3.97'

NOTE:
THIS REINFORCED CONCRETE ARCH CULVERT AND HEADWALLS DESIGN AND STRUCTURAL CALCULATIONS SHALL BE SIGNED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF NEVADA, WHOSE SERVICES SHALL BE RETAINED BY THE CONTRACTOR.

APPROVAL OF THESE DESIGN DRAWINGS DOES NOT CONSTITUTE APPROVAL OF THIS ARCH CULVERT. DETAILS ARE PROVIDED HERE ONLY FOR GRADING AND HYDRAULIC RELATIONSHIP.

BENCHMARK

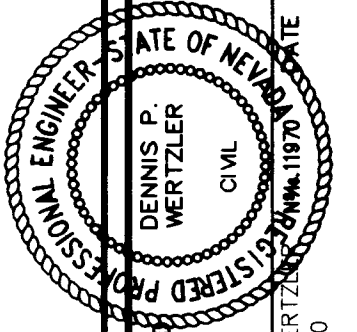
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (DATUM USED)

OLV0031SSW6, RIVET & PLATE IN TOP OF CURB ON CHARLESTON BOULEVARD 1690' WEST OF GRAND CANYON DRIVE, NORTH CURB LINE AT DROP INLET. CITY OF LAS VEGAS DATUM ELEVATION = 2865.191'

(FOR CONVERSION TO 1988 DATUM, ADD 2.46')

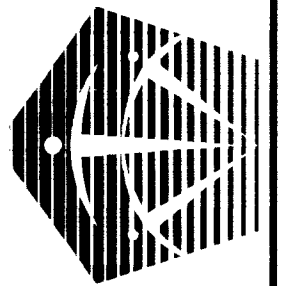
LAS VEGAS VALLEY WATER DISTRICT

DATE



DATE: 3/31/98
DRAWN BY:
DESIGNED BY:
CHECKED BY:
JOB NO.: 0145.0027
SCALE: 1" = 10'

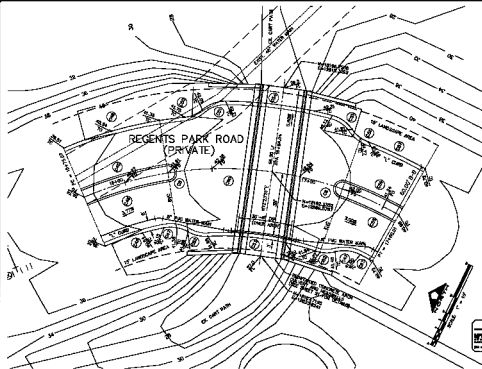
PENTACORE
CIVIL ENGINEERING - LAND SURVEYING - PLANNING
CONSTRUCTION MANAGEMENT - ADA CONSULTING
6763 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)258-0115



PECCOLE NEVADA CORP.
PECCOLE WEST - LOT 10
BRIDGE 2 - GRADING PLAN

SHEET
19
OF 21

107-V2749



GRADING PLAN AT BRIDGE NO. 2

SCALE 1"=10'

NO.	DESCRIPTION	AMOUNT
1	12' LANDSCAPE AREA	1.00
2	12' LANDSCAPE AREA	1.00
3	12' LANDSCAPE AREA	1.00
4	12' LANDSCAPE AREA	1.00
5	12' LANDSCAPE AREA	1.00
6	12' LANDSCAPE AREA	1.00
7	12' LANDSCAPE AREA	1.00
8	12' LANDSCAPE AREA	1.00
9	12' LANDSCAPE AREA	1.00
10	12' LANDSCAPE AREA	1.00
11	12' LANDSCAPE AREA	1.00
12	12' LANDSCAPE AREA	1.00
13	12' LANDSCAPE AREA	1.00
14	12' LANDSCAPE AREA	1.00
15	12' LANDSCAPE AREA	1.00
16	12' LANDSCAPE AREA	1.00
17	12' LANDSCAPE AREA	1.00
18	12' LANDSCAPE AREA	1.00
19	12' LANDSCAPE AREA	1.00
20	12' LANDSCAPE AREA	1.00
21	12' LANDSCAPE AREA	1.00
22	12' LANDSCAPE AREA	1.00
23	12' LANDSCAPE AREA	1.00
24	12' LANDSCAPE AREA	1.00
25	12' LANDSCAPE AREA	1.00
26	12' LANDSCAPE AREA	1.00
27	12' LANDSCAPE AREA	1.00
28	12' LANDSCAPE AREA	1.00
29	12' LANDSCAPE AREA	1.00
30	12' LANDSCAPE AREA	1.00
31	12' LANDSCAPE AREA	1.00
32	12' LANDSCAPE AREA	1.00
33	12' LANDSCAPE AREA	1.00
34	12' LANDSCAPE AREA	1.00
35	12' LANDSCAPE AREA	1.00
36	12' LANDSCAPE AREA	1.00
37	12' LANDSCAPE AREA	1.00
38	12' LANDSCAPE AREA	1.00
39	12' LANDSCAPE AREA	1.00
40	12' LANDSCAPE AREA	1.00
41	12' LANDSCAPE AREA	1.00
42	12' LANDSCAPE AREA	1.00
43	12' LANDSCAPE AREA	1.00
44	12' LANDSCAPE AREA	1.00
45	12' LANDSCAPE AREA	1.00
46	12' LANDSCAPE AREA	1.00
47	12' LANDSCAPE AREA	1.00
48	12' LANDSCAPE AREA	1.00
49	12' LANDSCAPE AREA	1.00
50	12' LANDSCAPE AREA	1.00
51	12' LANDSCAPE AREA	1.00
52	12' LANDSCAPE AREA	1.00
53	12' LANDSCAPE AREA	1.00
54	12' LANDSCAPE AREA	1.00
55	12' LANDSCAPE AREA	1.00
56	12' LANDSCAPE AREA	1.00
57	12' LANDSCAPE AREA	1.00
58	12' LANDSCAPE AREA	1.00
59	12' LANDSCAPE AREA	1.00
60	12' LANDSCAPE AREA	1.00
61	12' LANDSCAPE AREA	1.00
62	12' LANDSCAPE AREA	1.00
63	12' LANDSCAPE AREA	1.00
64	12' LANDSCAPE AREA	1.00
65	12' LANDSCAPE AREA	1.00
66	12' LANDSCAPE AREA	1.00
67	12' LANDSCAPE AREA	1.00
68	12' LANDSCAPE AREA	1.00
69	12' LANDSCAPE AREA	1.00
70	12' LANDSCAPE AREA	1.00
71	12' LANDSCAPE AREA	1.00
72	12' LANDSCAPE AREA	1.00
73	12' LANDSCAPE AREA	1.00
74	12' LANDSCAPE AREA	1.00
75	12' LANDSCAPE AREA	1.00
76	12' LANDSCAPE AREA	1.00
77	12' LANDSCAPE AREA	1.00
78	12' LANDSCAPE AREA	1.00
79	12' LANDSCAPE AREA	1.00
80	12' LANDSCAPE AREA	1.00
81	12' LANDSCAPE AREA	1.00
82	12' LANDSCAPE AREA	1.00
83	12' LANDSCAPE AREA	1.00
84	12' LANDSCAPE AREA	1.00
85	12' LANDSCAPE AREA	1.00
86	12' LANDSCAPE AREA	1.00
87	12' LANDSCAPE AREA	1.00
88	12' LANDSCAPE AREA	1.00
89	12' LANDSCAPE AREA	1.00
90	12' LANDSCAPE AREA	1.00
91	12' LANDSCAPE AREA	1.00
92	12' LANDSCAPE AREA	1.00
93	12' LANDSCAPE AREA	1.00
94	12' LANDSCAPE AREA	1.00
95	12' LANDSCAPE AREA	1.00
96	12' LANDSCAPE AREA	1.00
97	12' LANDSCAPE AREA	1.00
98	12' LANDSCAPE AREA	1.00
99	12' LANDSCAPE AREA	1.00
100	12' LANDSCAPE AREA	1.00

NOTES:
1. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN GRADING MANUAL.
2. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN GRADING MANUAL.
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10. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN GRADING MANUAL.

REVISIONS:
1. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN GRADING MANUAL.
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10. ALL GRADING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MICHIGAN GRADING MANUAL.

PENTACORE
ENGINEERING, INC.

PROJECT: BRIDGE NO. 2
SHEET: 1 OF 1
DATE: 10/1/2010

DESIGNED BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

SCALE: 1" = 10'

10

107-12200