

8/17/99

PLAN VIEW - BASIN LAYOUTS & DIMENSIONS

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
U-2525C	2D-10
RW SHEET NO.	

HYDRAULICS ENGINEER
 1/10/2018

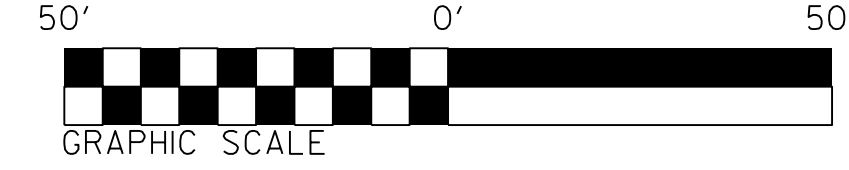
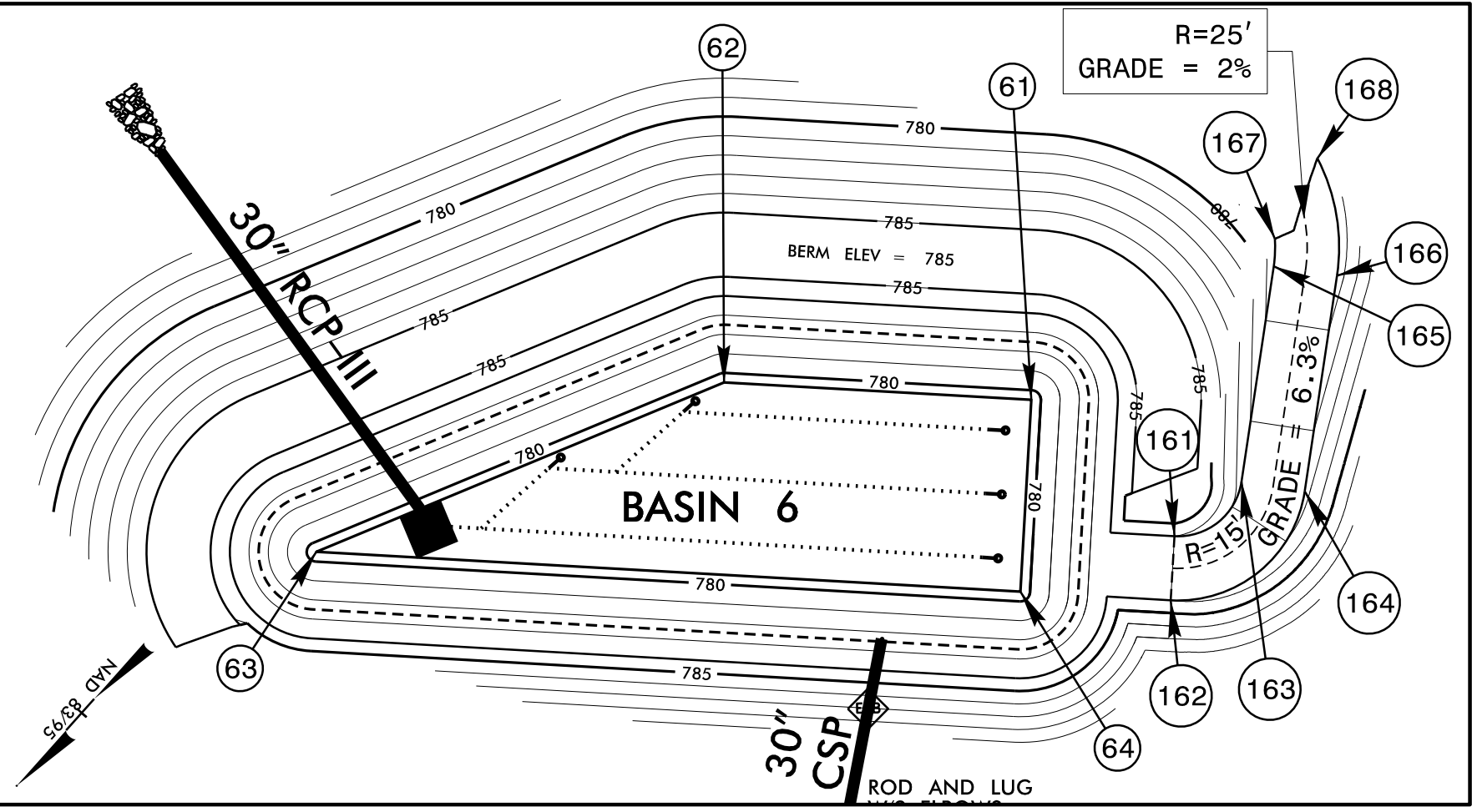
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
 NOTE: FOR CLARITY, RIPRAP NOT SHOWN.

COORDINATE TABLE
 CORNERS OF TOP OF MEDIA FILTER
 BASIN 6

	NORTHING	EASTING	ELEVATION
61	873,687.3366	1,771,997.3821	779.50
62	873,717.2085	1,772,034.9543	779.50
63	873,779.2756	1,772,064.8152	779.50
64	873,710.8193	1,771,978.7122	779.50

COORDINATE TABLE
 POINTS ON SPILLWAY FOR BASIN 6

	NORTHING	EASTING	ELEVATION
161	873,688.3669	1,771,966.5408	784.00
162	873,696.1945	1,771,960.3175	784.00
163	873,675.0607	1,771,964.3984	782.60
164	873,669.5821	1,771,956.0328	782.60
165	873,646.5954	1,771,983.0403	780.46
166	873,641.1168	1,771,974.6747	780.46
167	873,643.3054	1,771,985.7355	EXISTING
168	873,629.4960	1,771,989.1500	EXISTING



COORDINATE TABLE
 CORNERS OF BOTTOM OF BASIN 8

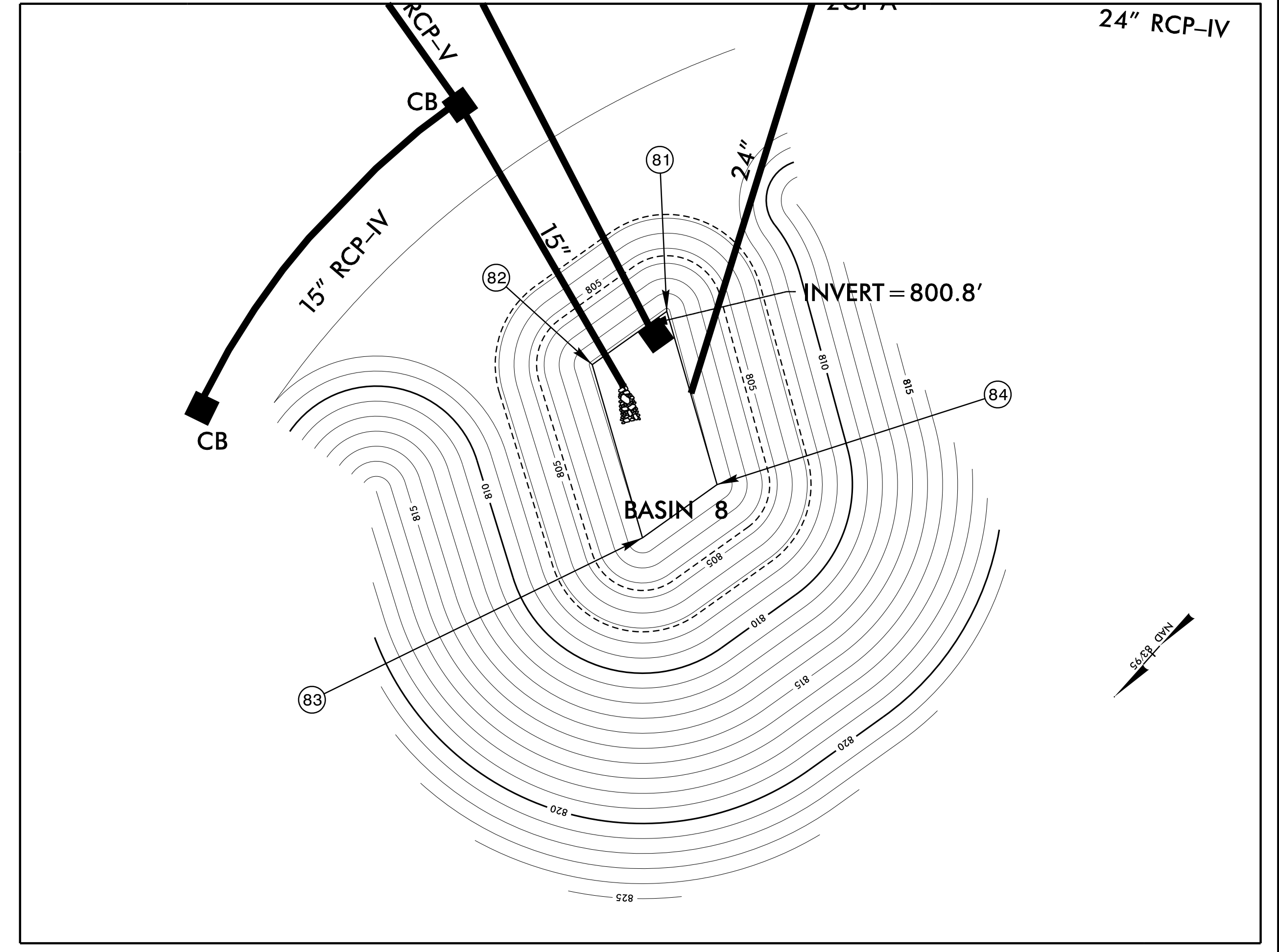
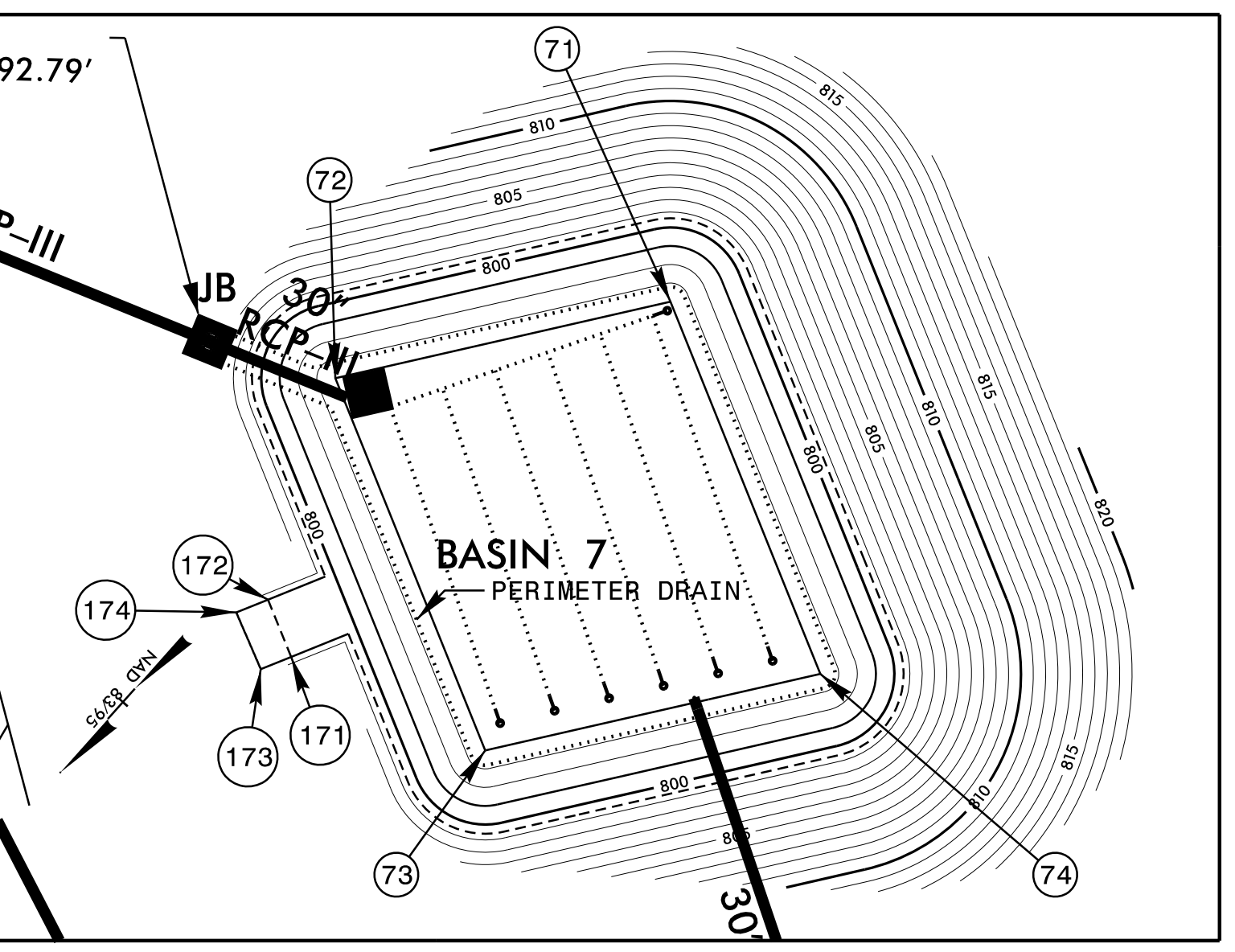
	NORTHING	EASTING	ELEVATION
81	873,639.0897	1,771,167.4872	800.80
82	873,662.8725	1,771,172.8558	800.80
83	873,688.3788	1,771,132.1934	801.00
84	873,664.5959	1,771,126.8247	801.00

COORDINATE TABLE
 CORNERS OF TOP OF MEDIA FILTER
 BASIN 7

	NORTHING	EASTING	ELEVATION
71	873,357.5403	1,771,540.5471	796.00
72	873,402.9362	1,771,572.8130	796.00
73	873,431.7827	1,771,514.5646	796.00
74	873,386.3867	1,771,482.2987	796.00

COORDINATE TABLE
 POINTS ON SPILLWAY FOR BASIN 7

	NORTHING	EASTING	ELEVATION
171	873,441.4007	1,771,548.0961	800.50
172	873,436.9627	1,771,557.0574	800.50
173	873,446.1514	1,771,550.4489	EXISTING
174	873,441.9064	1,771,559.5057	EXISTING

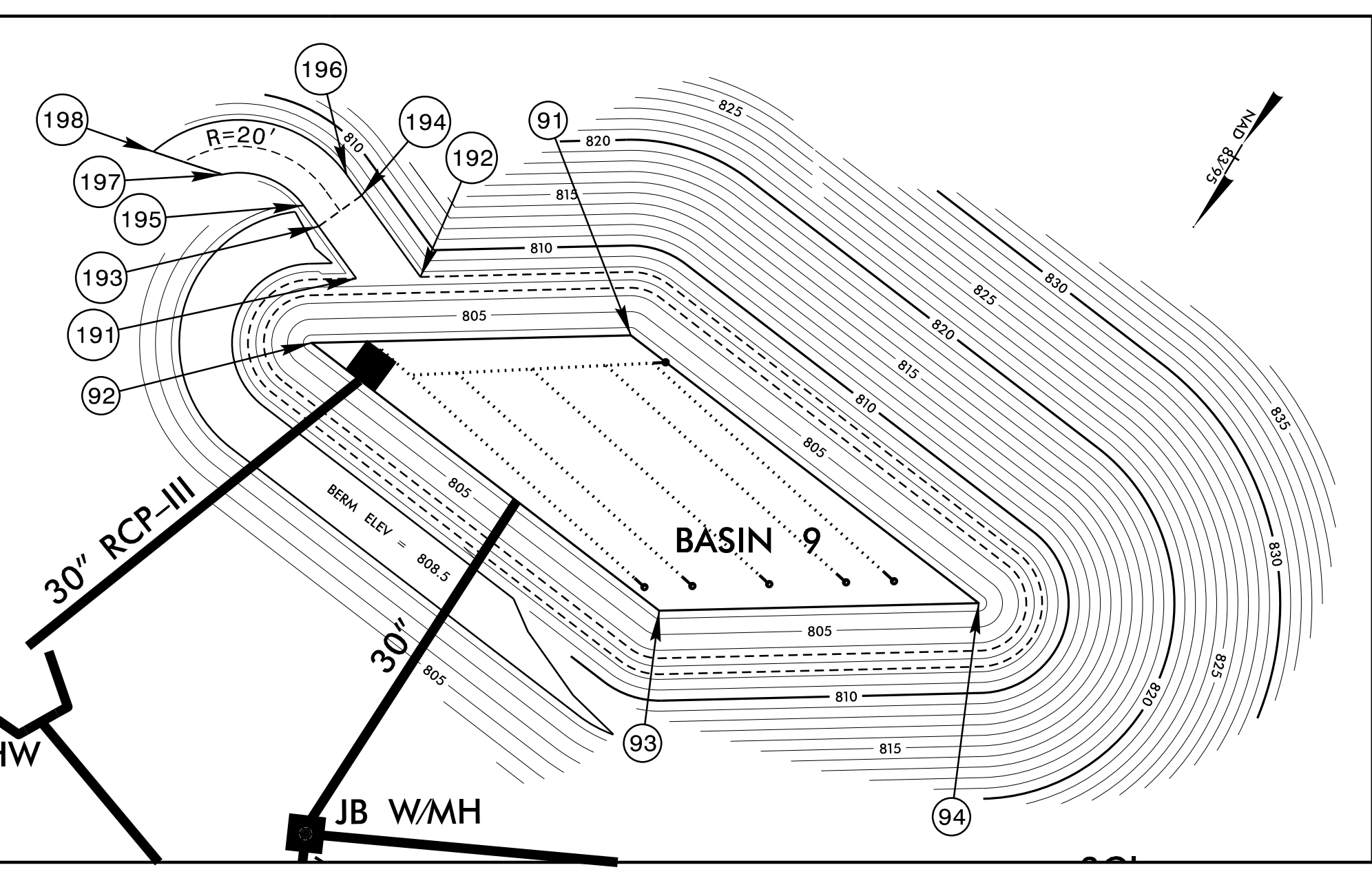


COORDINATE TABLE
 CORNERS OF TOP OF MEDIA FILTER
 BASIN 9

	NORTHING	EASTING	ELEVATION
91	872,168.8795	1,769,507.6290	803.50
92	872,200.8781	1,769,558.9141	803.50
93	872,210.9755	1,769,476.5306	803.50
94	872,178.9769	1,769,425.2455	803.50

COORDINATE TABLE
 POINTS ON SPILLWAY FOR BASIN 9

	NORTHING	EASTING	ELEVATION
161	872,186.0556	1,769,557.8271	807.50
162	872,179.6336	1,769,547.5343	807.50
163	872,181.2077	1,769,568.9483	807.50
164	872,172.0408	1,769,564.9523	807.50
165	872,179.2652	1,769,573.4045	807.49
166	872,170.0983	1,769,569.4085	807.49
167	872,182.0730	1,769,589.6582	EXISTING
168	872,184.9576	1,769,603.0643	EXISTING



COMBINATION DRY DETENTION/HAZARDOUS SPILL BASIN DIMENSIONS

BASIN	PROJECT STATION	CAPACITY REQUIRED (cf)	CAPACITY PROVIDED (cf)	BASIN DEPTH (D)	BERM WIDTH	SIDE SLOPE	RISER ELEVATION	SPILL ELEVATION	BERM ELEVATION
8	-Y4LPC- 13+00 (LT)	7500	8757	3.7'	N/A	4:1	804.50'	807.25'	N/A

COMBINATION MEDIA FILTER/HAZARDOUS SPILL BASIN DIMENSIONS

BASIN	PROJECT STATION	BASIN VOLUME REQUIRED (cf)	WATER QUALITY VOLUME PROVIDED (cf)	BASIN DEPTH (D)	BERM WIDTH	SIDE SLOPE	TOP ELEVATION MEDIA FILTER	RISER ELEVATION	SPILL ELEVATION	BERM ELEVATION
6	-L- 387+06 (LT)	9900	10959	3.0'	10'	3:1	779.50'	782.50'	784.00'	785.00'
7	-L- 393+12 (LT)	14200	14366	3.0'	10'	3:1	796.00'	799.00'	800.50'	N/A
9	-Y4RPA- 13+59 (RT)	11900	13718	3.0'	10'	3:1	803.50'	806.50'	807.50'	808.50'

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