

CROSS SECTION INDEX

ALIGNMENT

SHEET NUMBERS

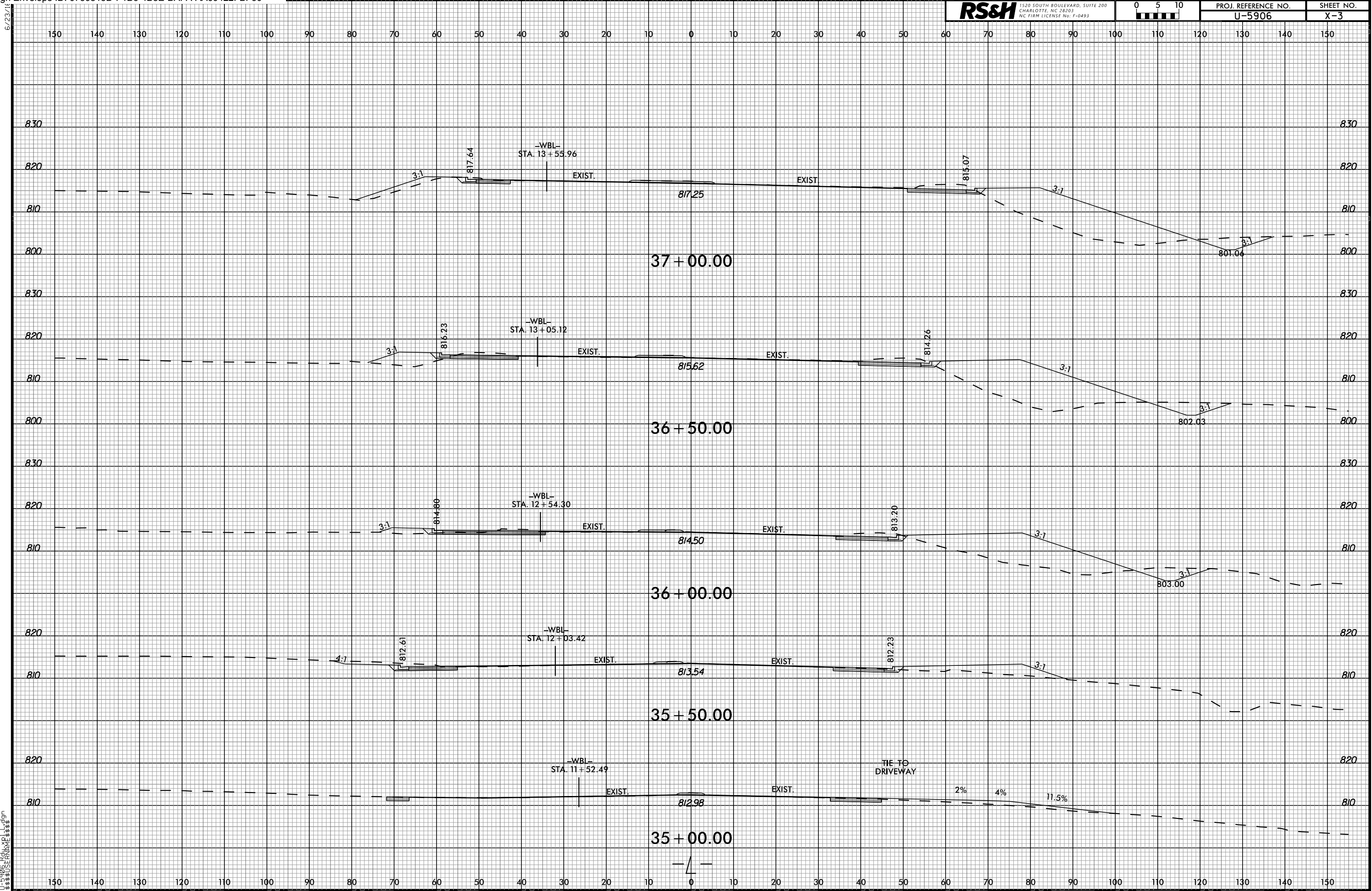
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STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS															PROJ. REFERENCE NO.		SHEET NO.			
															U-5906		X-1A			
															Approximate quantities only. Unclassified excavation, borrow excavation, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the lump sum price for "Grading".					
NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT																				
CROSS-SECTION SUMMARY																				
Station PHASE I STEP 2 Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE I STEP 3 Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE I STEP 4 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE II STEP 1 Y3B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE II STEP 2 DRIVE5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE III STEP 1 Y6B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
12+50.00	0	0	12+75.00	8	0	36+00.00	57	35	13+90.00	7	10	10+26.79	0	0	14+50.00	11	0			
12+75.00	0	0	13+00.00	8	0	36+50.00	55	68	14+00.00	2	3	10+50.00	29	0	15+00.00	20	0			
13+00.00	2	1	13+50.00	2	2	37+00.00	51	163	Station PHASE II STEP 2 RA1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+96.00	39	1	Station PHASE III STEP 2 DRIVE3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
13+50.00	6	11	13+75.00	3	5	37+50.00	45	245	PHASE II STEP 3 Y1B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	PHASE II STEP 3 Y1B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+85.00	0	0			
13+75.00	1	4	14+00.00	3	9	38+00.00	25	194							10+60.80	0	0	11+00.00	17	3
14+00.00	4	0	14+50.00	6	22	38+50.00	4	107							11+00.00	0	63	10+60.80	0	0
14+50.00	21	0	15+00.00	8	22	39+00.00	1	28	11+50.00	0	29	11+00.00	4	21	11+50.00	28	70			
15+00.00	34	0	15+43.58	4	9	Station PHASE I STEP 4 EY1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	PHASE II STEP 2 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	11+50.00	13	10	12+00.00	16	236			
15+43.58	19	0	Station PHASE I STEP 3 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	41+90.00	0	0				12+00.00	14	14	12+37.63	11	357			
Station PHASE I STEP 2 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)				18+00.00	0	0				42+10.00	0	3	13+00.00	3	19	Station PHASE III STEP 2 RA2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+26.04	0	0	18+50.00	407	0	42+30.00	0	5	39+30.00	0	25	13+36.00	3	24	11+76.61	0	0			
10+50.00	37	0	18+85.00	136	0	42+50.00	0	6	39+50.00	0	45	13+50.00	1	10	12+00.00	31	36			
11+00.00	173	0	19+00.00	35	0	42+70.00	0	8	40+00.00	1	215	14+00.00	4	26	12+50.00	66	257			
11+50.00	190	2	19+50.00	312	1	42+90.00	1	6	40+41.52	9	209	14+46.00	8	8	12+50.00	0	317			
12+00.00	166	16	20+00.00	478	3	43+10.00	1	1	Station PHASE II STEP 2 Y1B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE II STEP 3 Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	12+95.29	0	317			
12+50.00	177	75	20+50.00	382	3	43+30.00	1	0	PHASE II STEP 2 Y1B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	PHASE II STEP 3 Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+33.01	0	317			
13+00.00	254	103	21+00.00	284	1	43+50.00	2	0							10+60.80	0	0	11+80.00	0	0
13+50.00	333	42	21+50.00	195	0	43+70.00	2	0	11+00.00	83	4	12+00.00	2	1	14+50.00	0	0			
14+00.00	336	45	22+00.00	118	57	43+90.00	1	0	11+50.00	14	5	12+39.00	8	2	15+00.00	13	36			
14+50.00	247	87	22+50.00	76	154	Station PHASE II STEP 1 RA1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	12+00.00	22	0	12+50.00	1	1	15+50.00	12	52			
15+00.00	180	42	23+00.00	124	145	PHASE II STEP 1 RA1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	12+50.00	20	0	12+67.00	0	2	16+00.00	3	72			
15+50.00	163	8	23+50.00	129	301				13+00.00	12	3	13+00.00	0	14	16+00.00	3	90			
16+00.00	184	12	24+00.00	87	389	10+00.00	0	0	13+00.00	12	3	13+50.00	4	25	17+00.00	10	246			
16+50.00	254	7	24+50.00	71	306	10+50.00	22	226	13+36.00	3	2	14+00.00	4	11	17+09.28	1	51			
17+00.00	326	4	25+00.00	59	323	11+00.00	0	288	13+50.00	0	1	14+29.01	0	14	PHASE III STEP 2 Y6A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
17+50.00	179	1	25+50.00	62	243	11+50.00	63	194	14+00.00	2	3	14+29.01	0	14						
18+00.00	284	0	26+00.00	67	179	12+00.00	183	104	14+46.00	1	0	Station PHASE III STEP 1 DRIVE2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE III STEP 2 Y6B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
Station PHASE I STEP 2 Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	26+50.00	65	126	12+50.00	180	98	Station PHASE II STEP 2 Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+26.40	0	0	10+65.08	0	0			
12+20.00	0	0	27+00.00	71	60	12+95.29	74	113	11+80.00	0	0	10+50.00	79	0	11+00.00	156	8			
12+50.00	5	3	27+50.00	79	23	Station PHASE II STEP 1 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	12+00.00	3	5	11+00.00	131	0	11+50.00	248	0			
13+00.00	9	6	28+00.00	83	0	37+50.00	0	0	12+39.00	6	7	11+20.00	51	0	12+00.00	238	0			
13+50.00	9	6	28+50.00	85	0	38+00.00	25	0	12+50.00	1	2	11+50.00	45	0	12+50.00	164	0			
14+00.00	19	7	29+00.00	88	0	38+50.00	20	0	12+67.00	3	5	11+55.00	4	0	13+00.00	67	2			
14+50.00	14	32	29+50.00	84	0	39+00.00	12	1	13+00.00	16	11	Station PHASE III STEP 1 Y6A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	13+50.00	40	2			
15+00.00	0	133	30+00.00	112	0	39+30.00	3	1	13+50.00	73	17	PHASE III STEP 1 Y6A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	13+70.00	15	0			
15+50.00	0	261	31+00.00	105	0	39+50.00	5	2	14+00.00	171	23				Station PHASE III STEP 3 DRIVE4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+18.77	0	0
15+80.48	33	115	32+00.00	89	0	40+00.00	31	12	14+29.01	79	39	11+48.86	0	0	10+50.00	140	0			
Station PHASE I STEP 2 Y2A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	32+50.00	108	0	40+41.52	34	17	Station PHASE II STEP 2 Y3B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	11+50.00	0	0	11+00.00	153	0			
9+60.00	0	0	Station PHASE I STEP 4 Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE II STEP 1 Y3B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	12+50.00	2	10	12+00.00	14	0	10+50.00	140	0			
10+00.00	13	24	32+50.00	0	0	10+62.68	0	0	12+80.00	2	6	13+25.00	13	0	11+20.00	26	0			
10+50.00	9	77	33+00.00	85	10	11+00.00	531	1	13+00.00	1	6	13+50.00	13	0	Station PHASE III STEP 3 RA2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
11+00.00	0	144	33+50.00	44	44	11+50.00	678	0	13+50.00	3	26	14+00.00	28	10	PHASE III STEP 3 RA2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)			
11+34.43	0	116	34+00.00	37	104	12+00.00	411	0	13+90.00	7	12	14+50.00	23	28						
Station PHASE I STEP 3 Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	34+50.00	48	93	12+50.00	174	0	14+00.00	1	0	Station PHASE III STEP 1 Y6B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+33.01	0	0			
12+50.00	0	0	35+00.00	62	23	12+80.00	38	1				10+50.00	13	0	10+50.00	0	113			
			35+14.00	19	0	13+00.00	15	1				11+00.00	23	28	11+00.00	33	279			
			35+50.00	45	0	13+50.00	21	6				14+00.00	0	0	11+50.00	88	191			

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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT												CROSS-SECTION SUMMARY									
Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt										
PHASE III STEP 3 RA2	(cu. yd.)	(cu. yd.)	PHASE IV STEP 2 Y5	(cu. yd.)	(cu. yd.)	PHASE V STEP 1 Y4B	(cu. yd.)	(cu. yd.)	PHASE V STEP 2 Y4B	(cu. yd.)	(cu. yd.)										
11+76.61	60	88	10+18.00	0	0	12+50.00	161	33	16+15.00	0	0										
Station PHASE III STEP 3 Y6A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+50.00	0	49	13+00.00	126	31	16+50.00	3	0										
			11+00.00	2	28	13+50.00	101	30	17+00.00	11	0										
			11+50.00	5	6	14+00.00	46	18	17+50.00	11	0										
14+50.00	0	0	11+85.00	3	1	14+50.00	1	31	18+00.00	8	0										
14+50.00	0	0	12+00.00	0	0	15+00.00	1	58	18+50.00	8	0										
15+00.00	33	11	Station PHASE V STEP 1 DRIVE1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	15+50.00	2	48	19+00.00	9	0										
15+50.00	25	9				16+00.00	3	31	19+50.00	10	0										
16+00.00	5	23				16+15.00	0	3	20+00.00	24	0										
16+50.00	0	64	10+18.15	0	0	16+50.00	2	11	20+50.00	19	0										
17+00.00	0	123	10+50.00	5	44	17+00.00	5	33													
17+09.28	0	31	11+00.00	8	0	17+50.00	4	33													
Station PHASE III STEP 3 Y6B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	11+25.00	0	0	18+00.00	2	16													
			11+50.00	0	0	18+50.00	13	13													
			11+55.00	0	0	19+00.00	33	40													
10+65.08	0	0	Station PHASE V STEP 1 L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	19+50.00	24	50													
11+00.00	152	0				20+00.00	24	47													
11+50.00	239	0				20+50.00	44	68													
12+00.00	199	0	32+50.00	0	0	Station PHASE V STEP 1 Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)													
12+50.00	131	0	33+00.00	23	0																
13+00.00	70	0	33+50.00	50	28																
13+50.00	34	4	34+00.00	55	97	10+18.00	0	0													
13+70.00	10	3	34+50.00	57	169	10+50.00	0	65													
Station PHASE IV STEP 2 DRIVE1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	35+00.00	41	100	11+00.00	5	24													
			35+50.00	50	54	11+50.00	14	4													
			36+00.00	109	284	11+85.00	6	1													
10+18.15	0	0	36+50.00	146	538	12+00.00	0	0													
10+50.00	6	26	37+00.00	139	582	Station PHASE V STEP 2 RA3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)													
11+00.00	15	10	37+50.00	80	275																
11+25.00	5	1	Station PHASE V STEP 1 RA3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)				10+00.00	0	0										
11+50.00	2	0				10+50.00	0	320													
11+55.00	0	0																			
Station PHASE IV STEP 2 RA3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	10+78.29	0	0	11+00.00	0	327													
			11+00.00	0	33	11+50.00	0	310													
			11+50.00	0	73	12+00.00	0	300													
12+50.00	0	0	12+00.00	0	97	12+50.00	0	307													
10+00.00	0	38	12+50.00	0	94	12+95.29	0	281													
10+50.00	0	56	Station PHASE V STEP 1 RPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE V STEP 2 RPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)													
10+81.96	0	27																			
Station PHASE IV STEP 2 Y4A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)							11+00.00	0	0	11+00.00	0	0							
			11+50.00	56	536	11+50.00	2	7													
			12+25.00	0	0	12+00.00	4	13													
12+50.00	41	1	12+50.00	19	338	12+50.00	12	6													
12+60.00	16	0	13+00.00	16	145	13+00.00	10	1													
13+00.00	57	8	13+09.00	1	0	Station PHASE V STEP 2 Y4B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)													
13+50.00	65	42	Station PHASE V STEP 1 Y4B	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)																
13+82.86	42	33																			
14+00.00	22	22	14+00.00		0		0														
14+50.00	51	112	10+65.00	0	0	14+50.00	3	7													
14+98.89	21	244	11+00.00	6	155	15+00.00	7	9													
			11+50.00	24	99	15+50.00	11	2													
			12+00.00	105	46	16+00.00	7	0													



6/23/16



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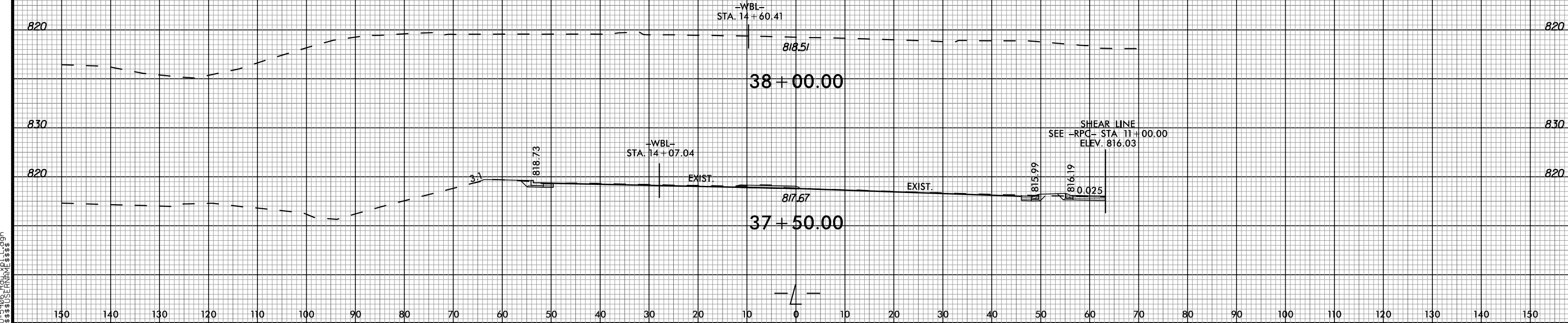
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RS&H
1520 SOUTH BOULEVARD, SUITE 200
CHARLOTTE, NC 28203
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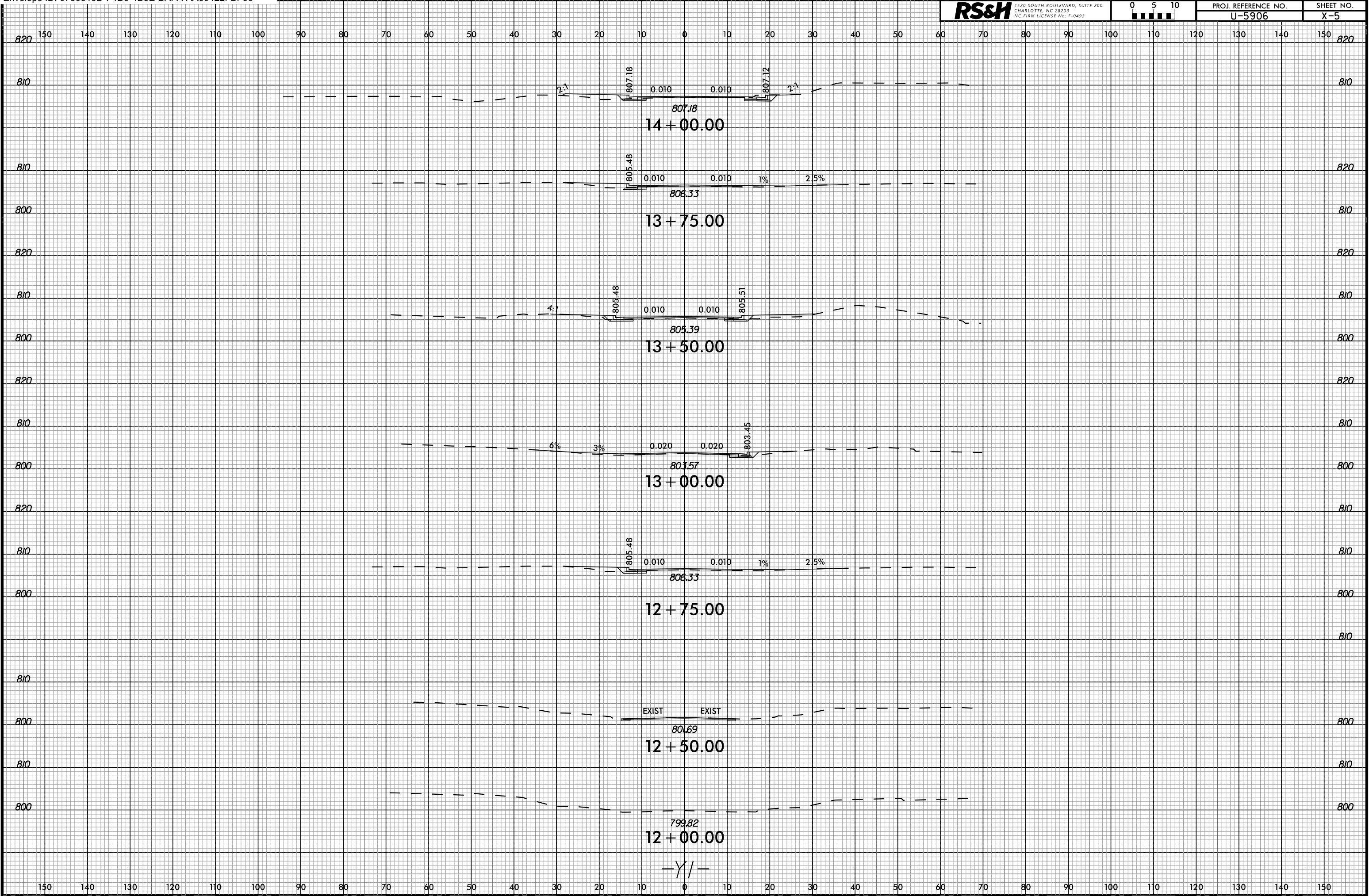
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X-4



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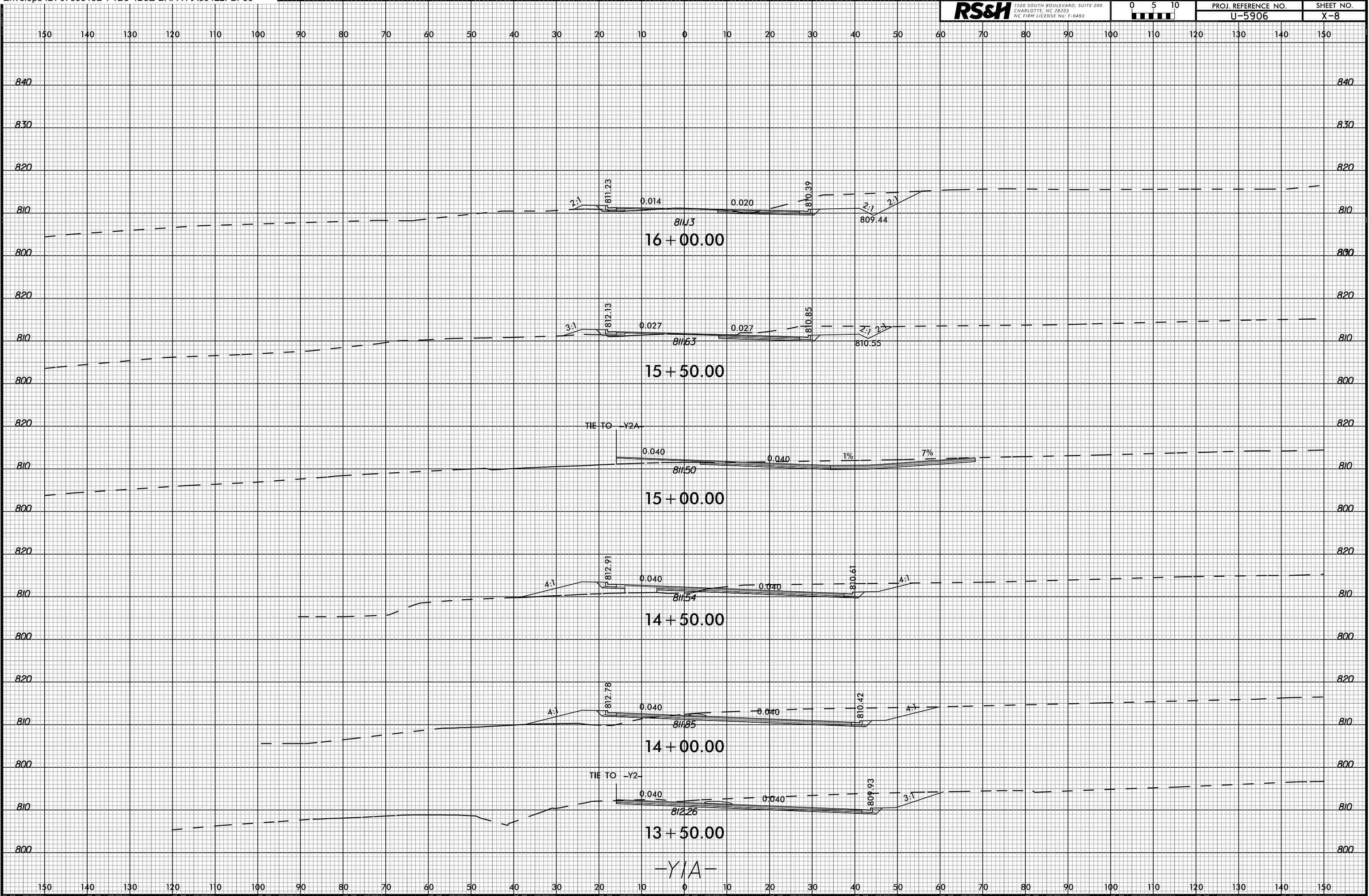




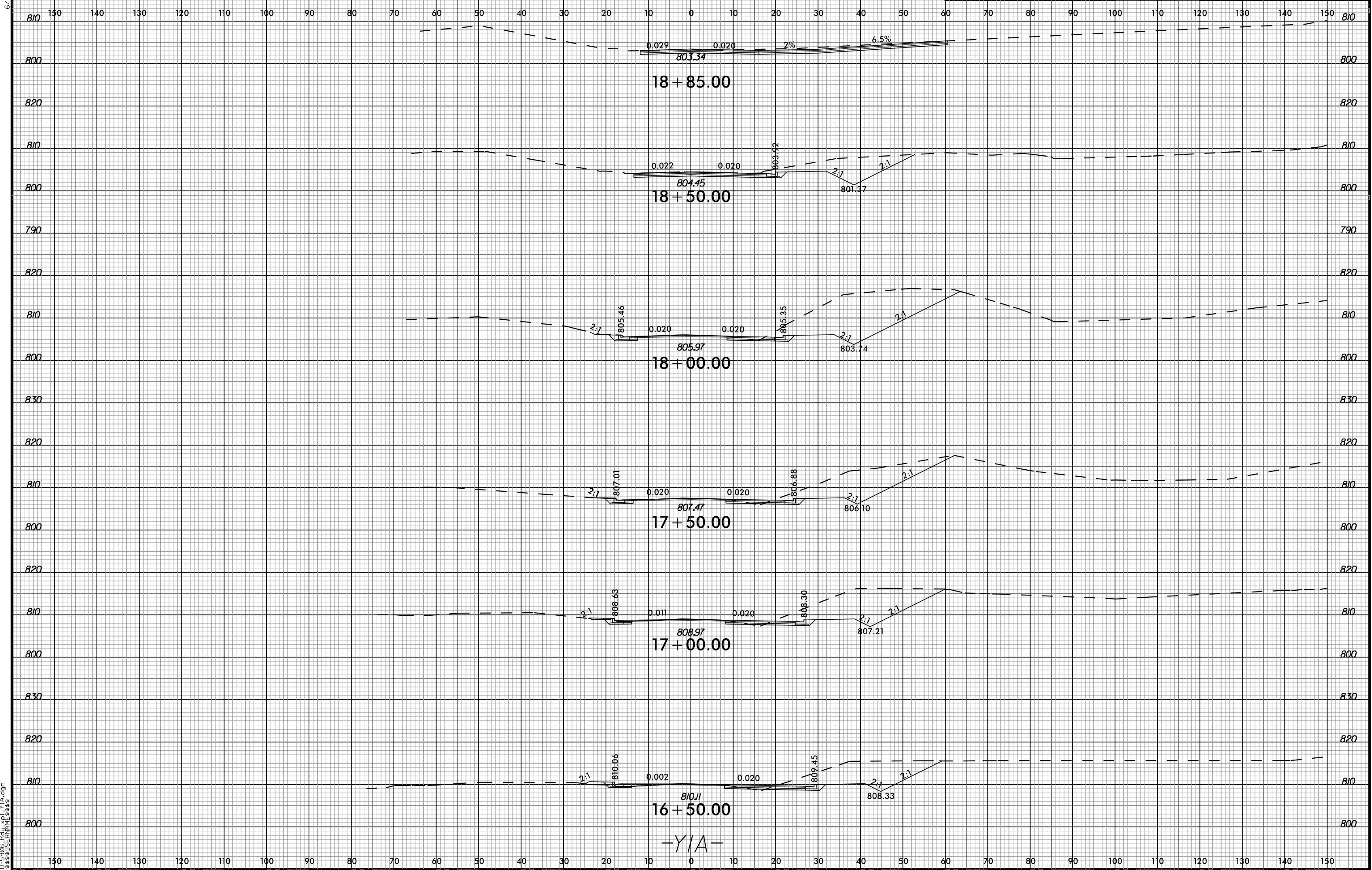


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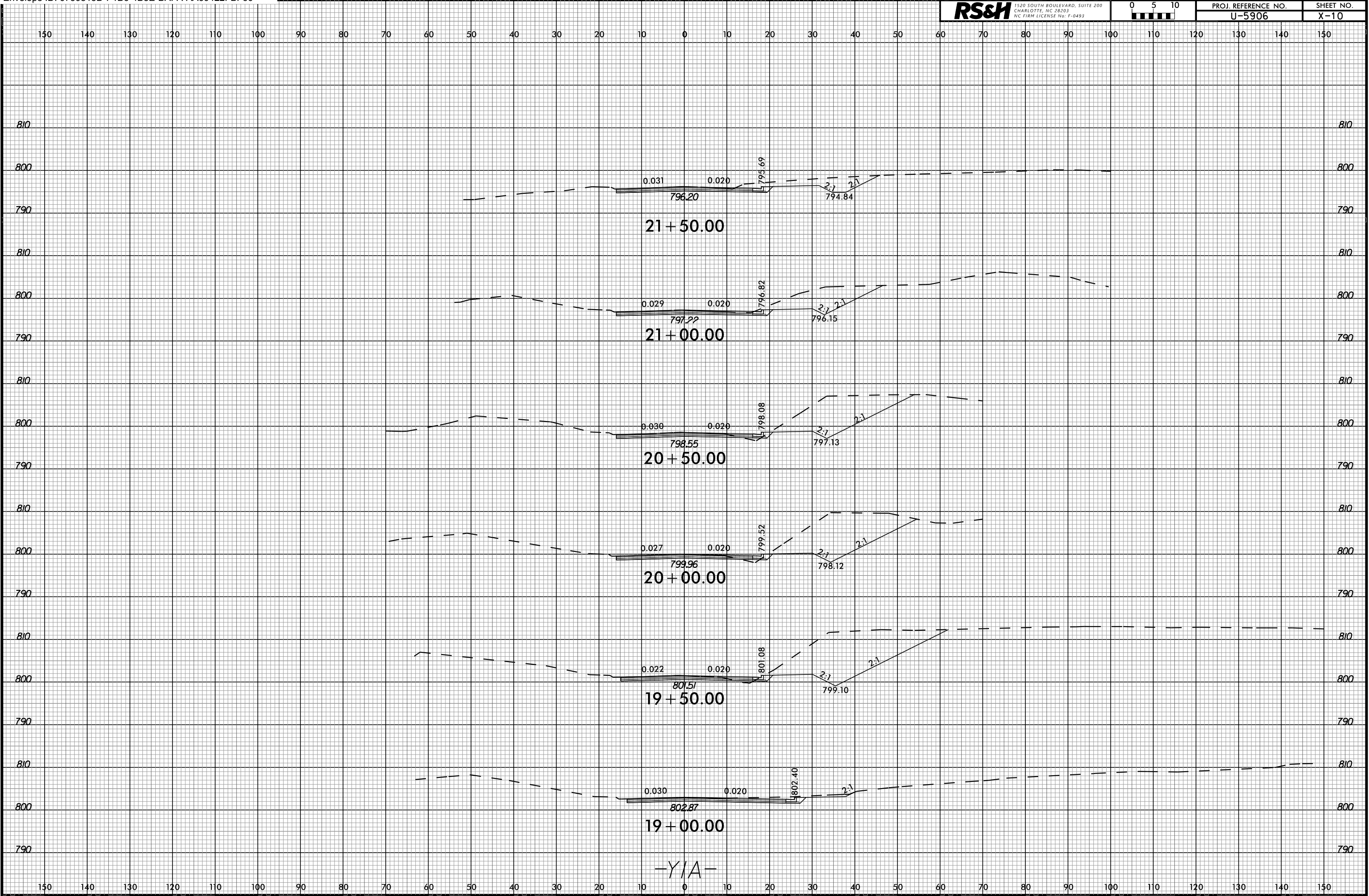
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U-5906

SHEET NO.
X-10



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CHARLOTTE, NC 28203
NC FIRM LICENSE NO. F-0493

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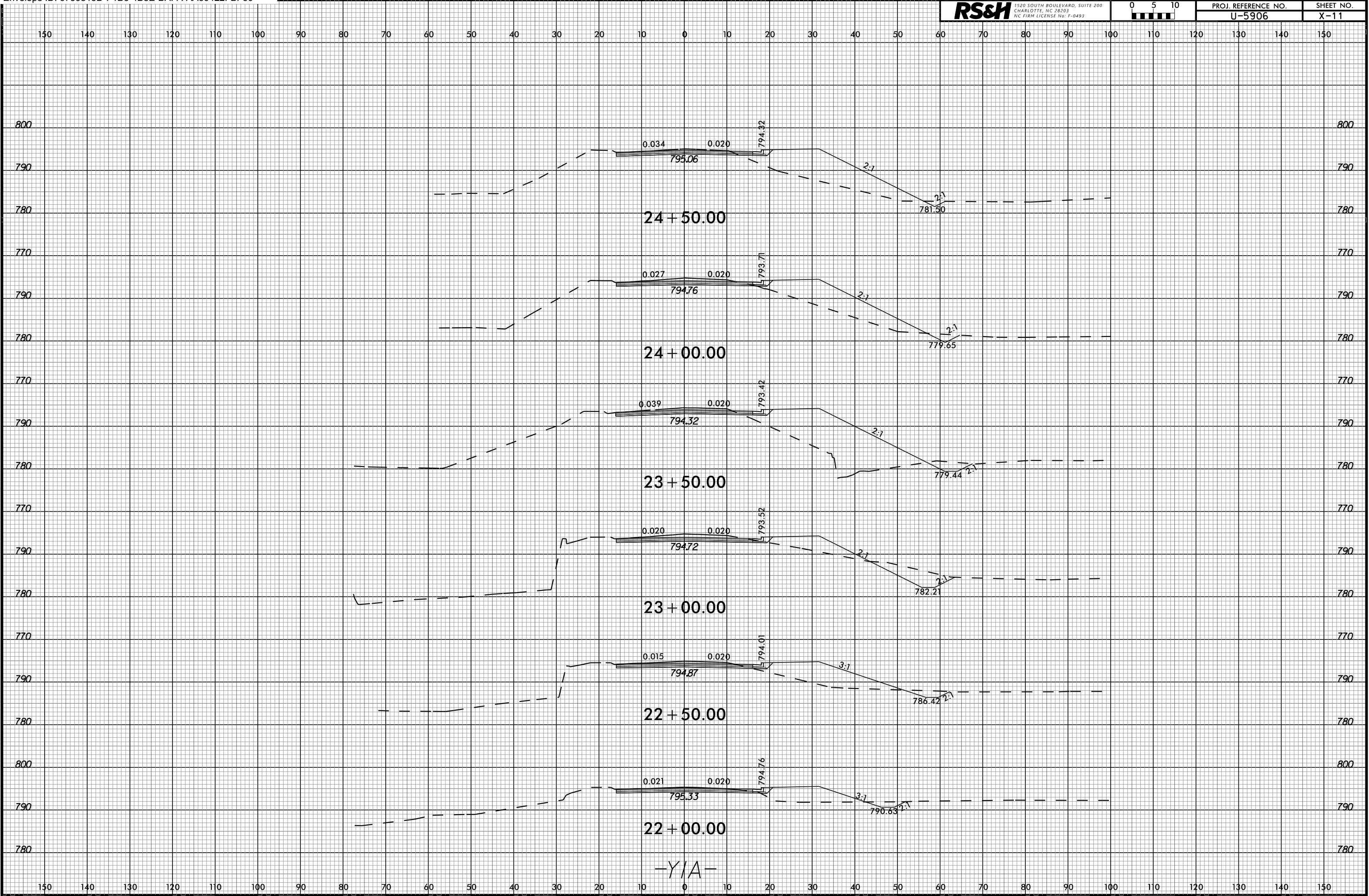
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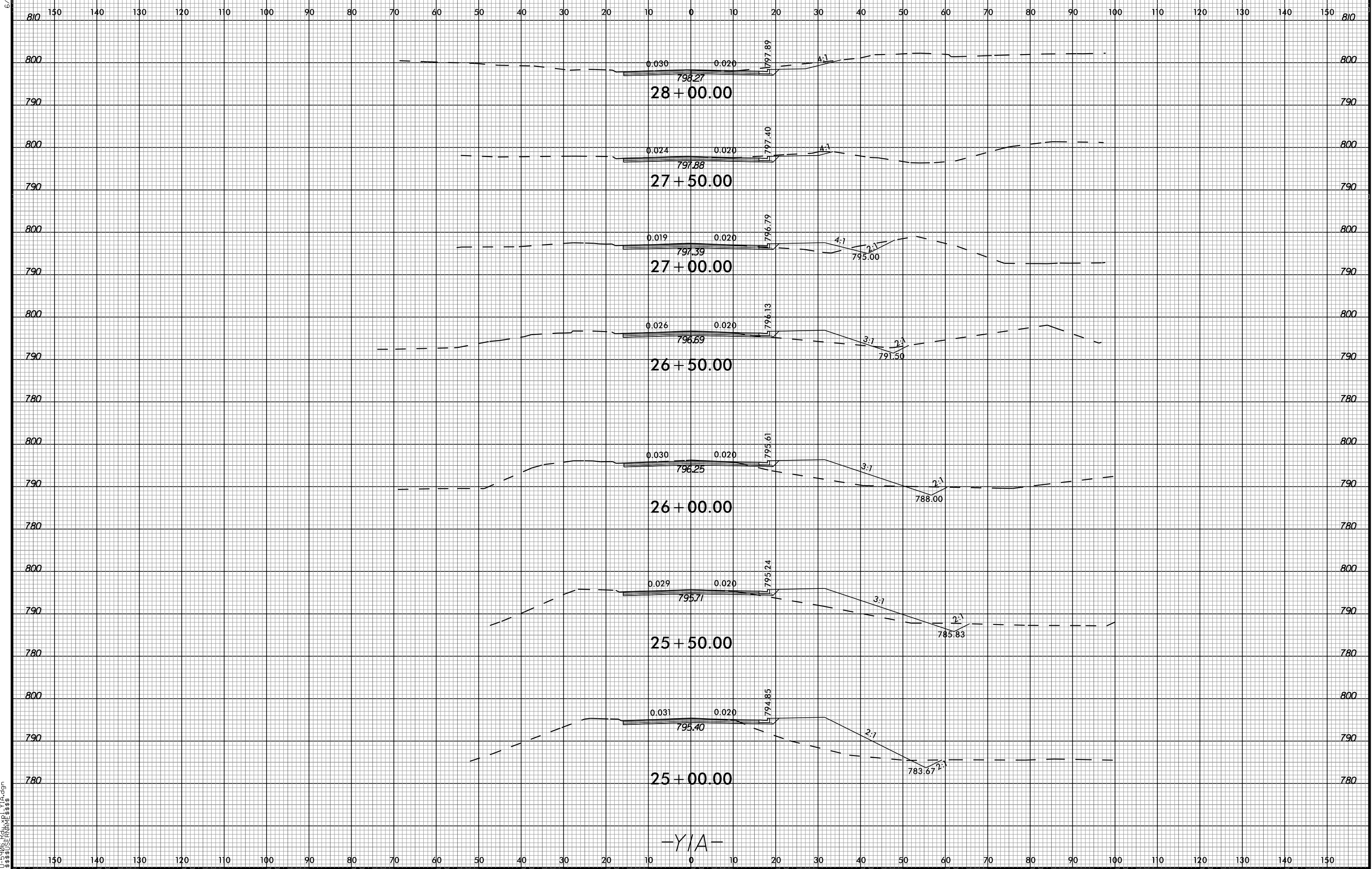
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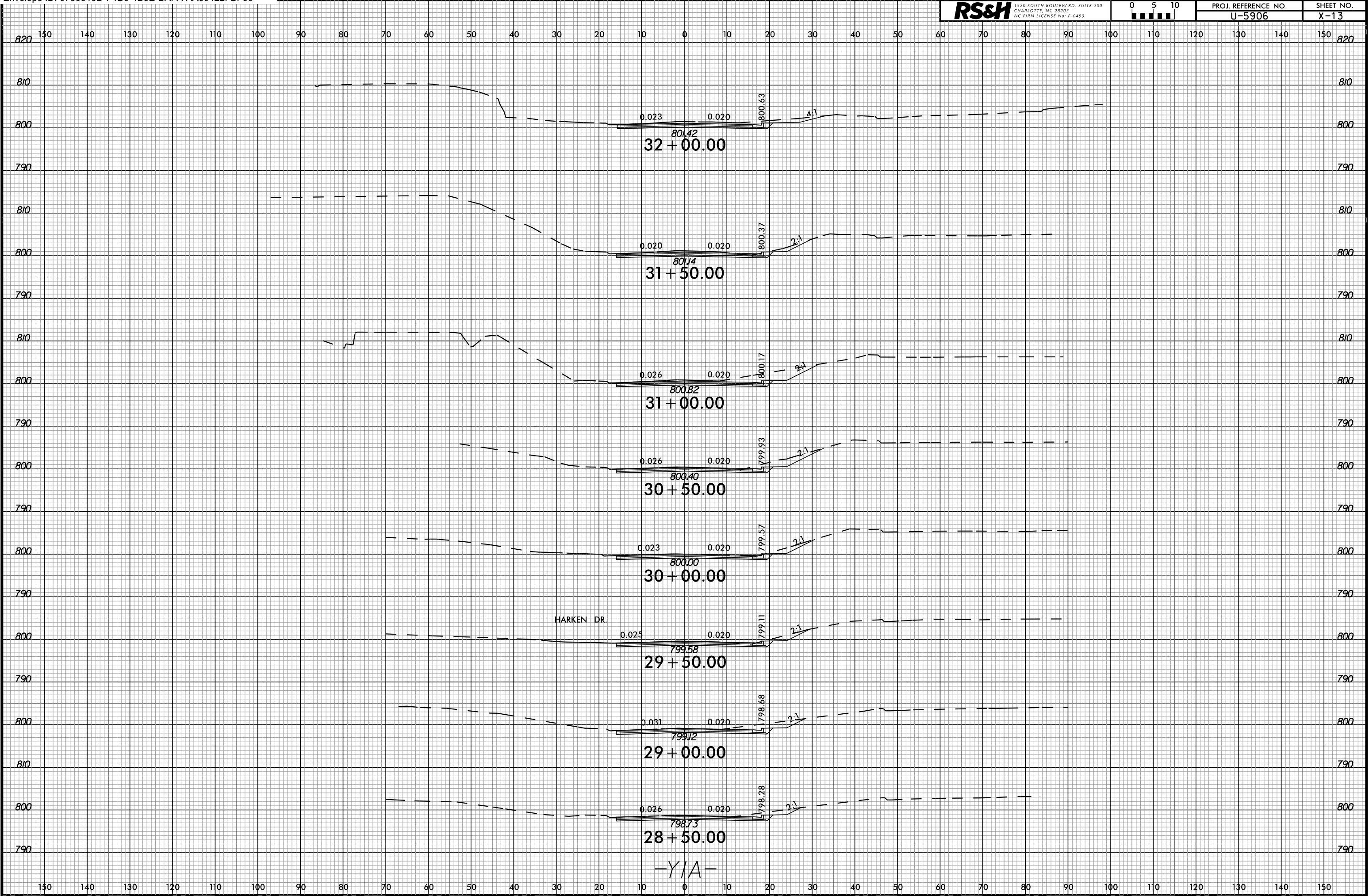
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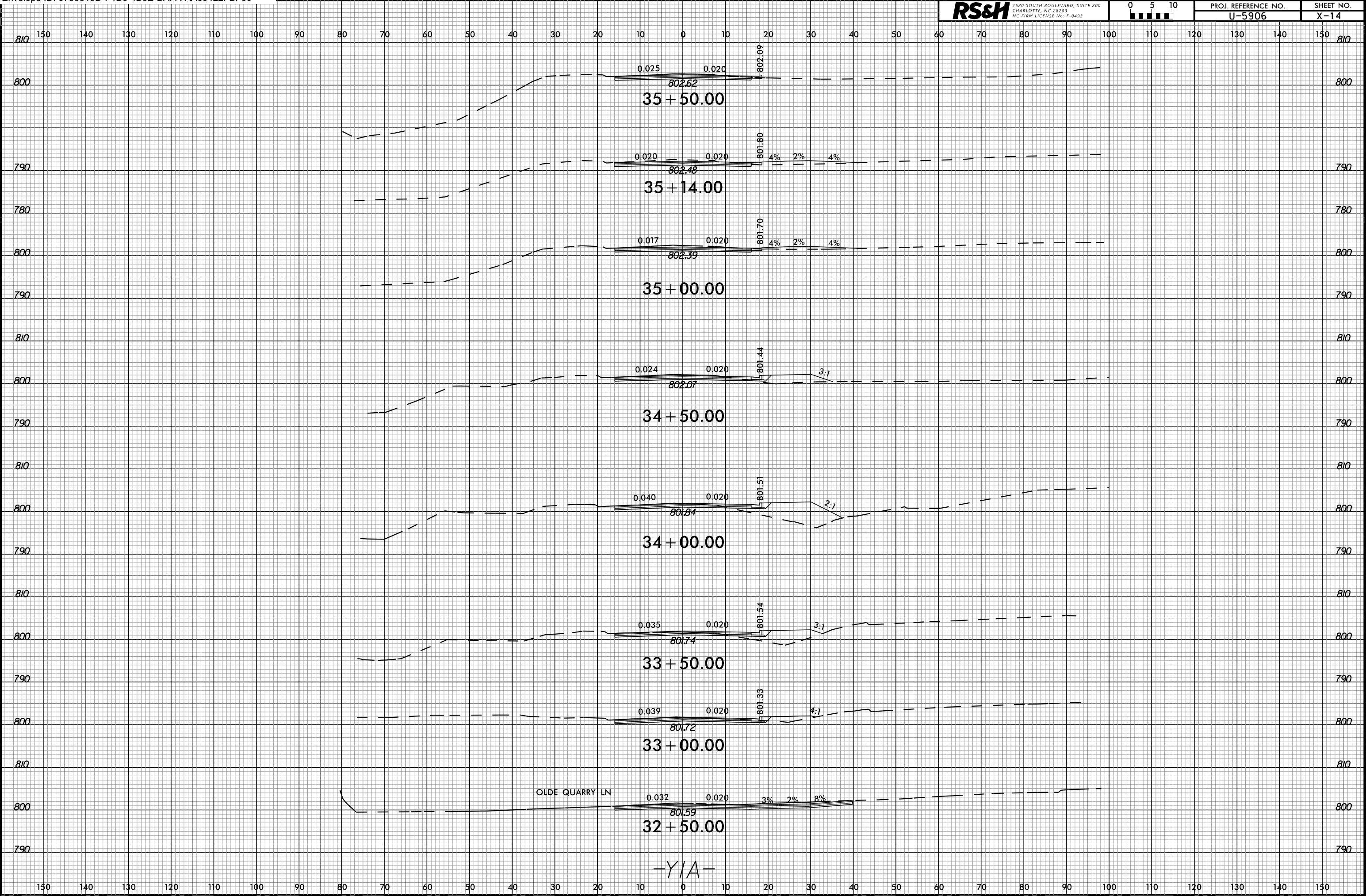
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PROJ. REFERENCE NO.
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6/23/16

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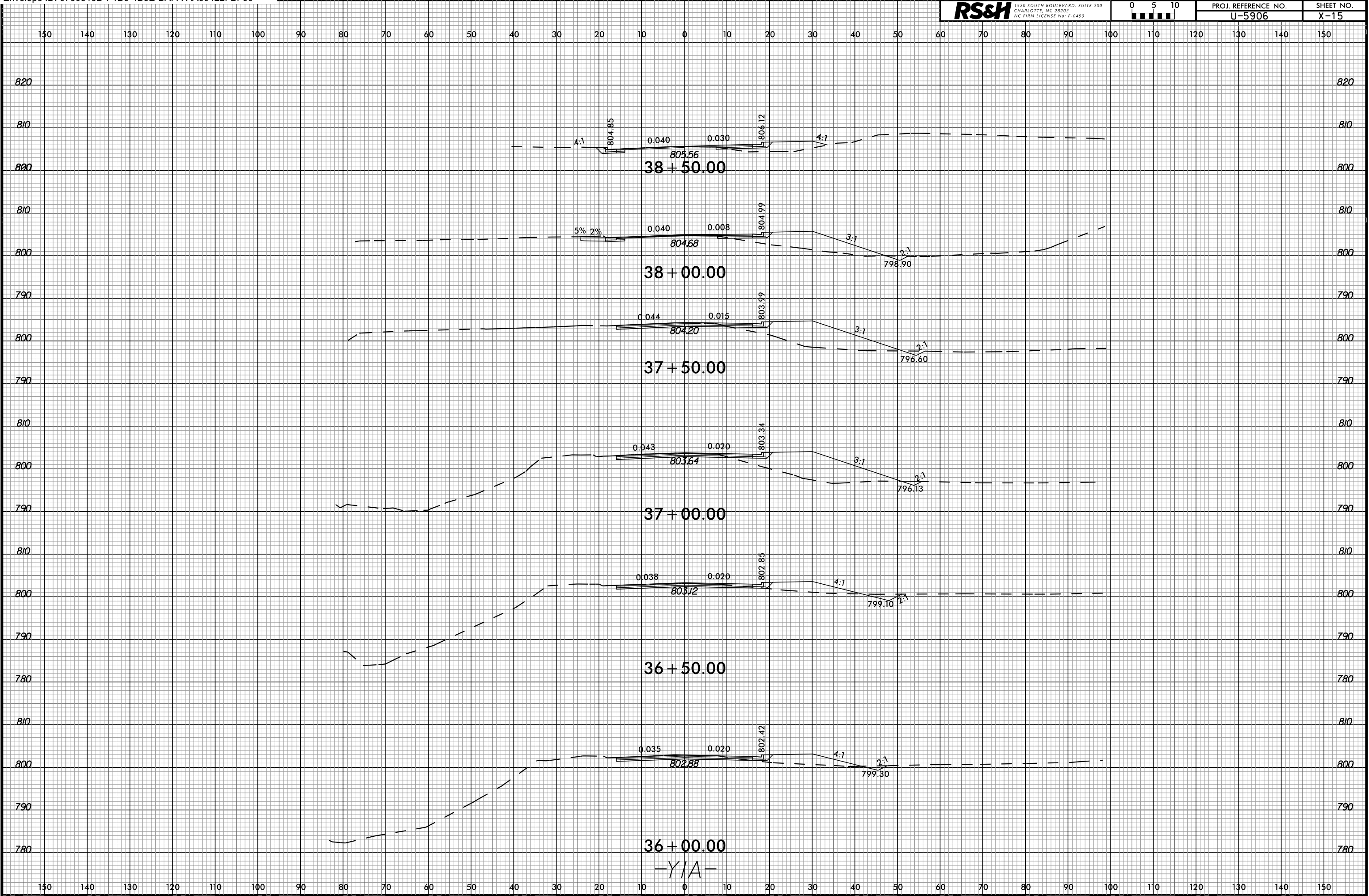
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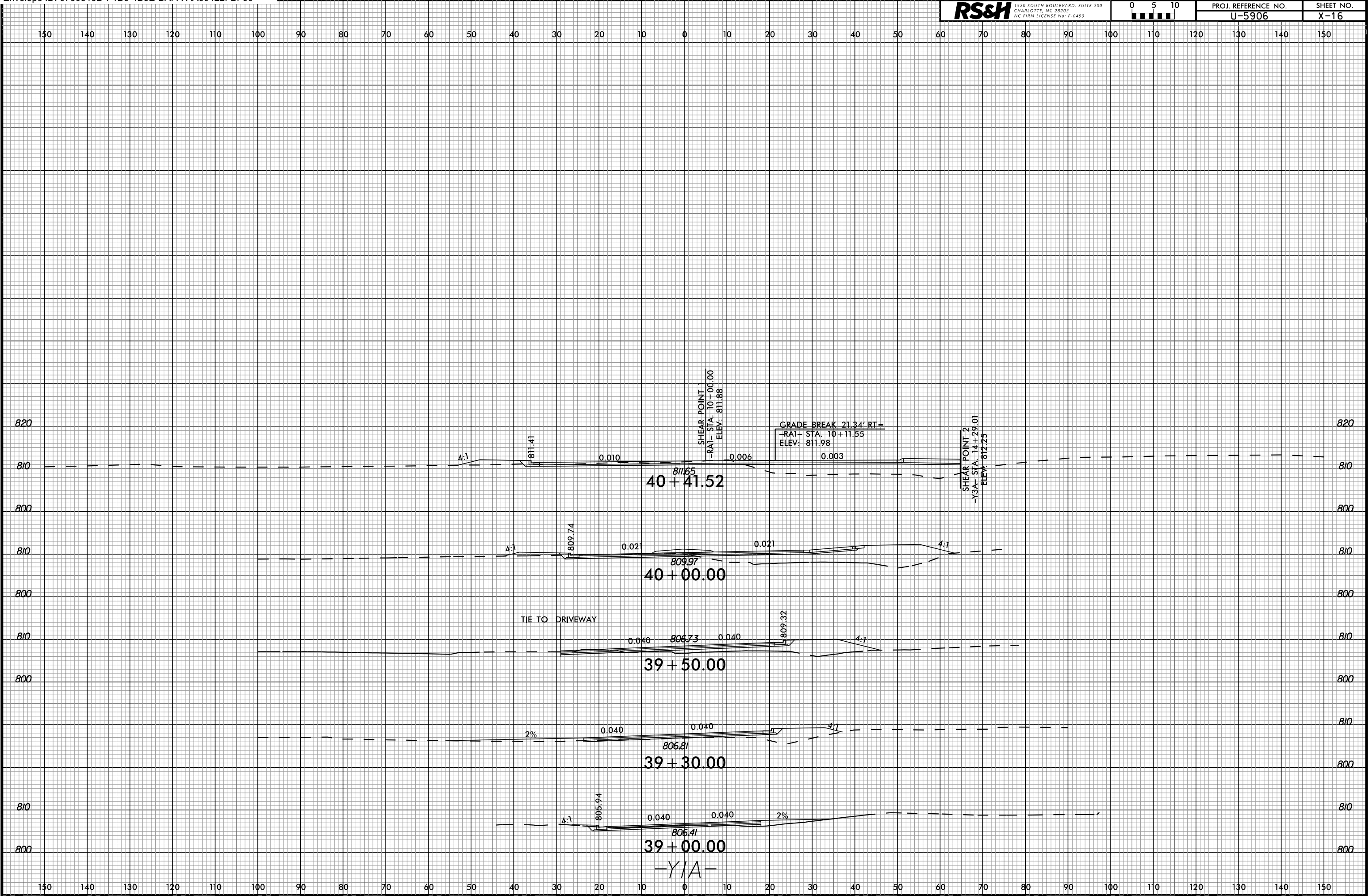
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X-15



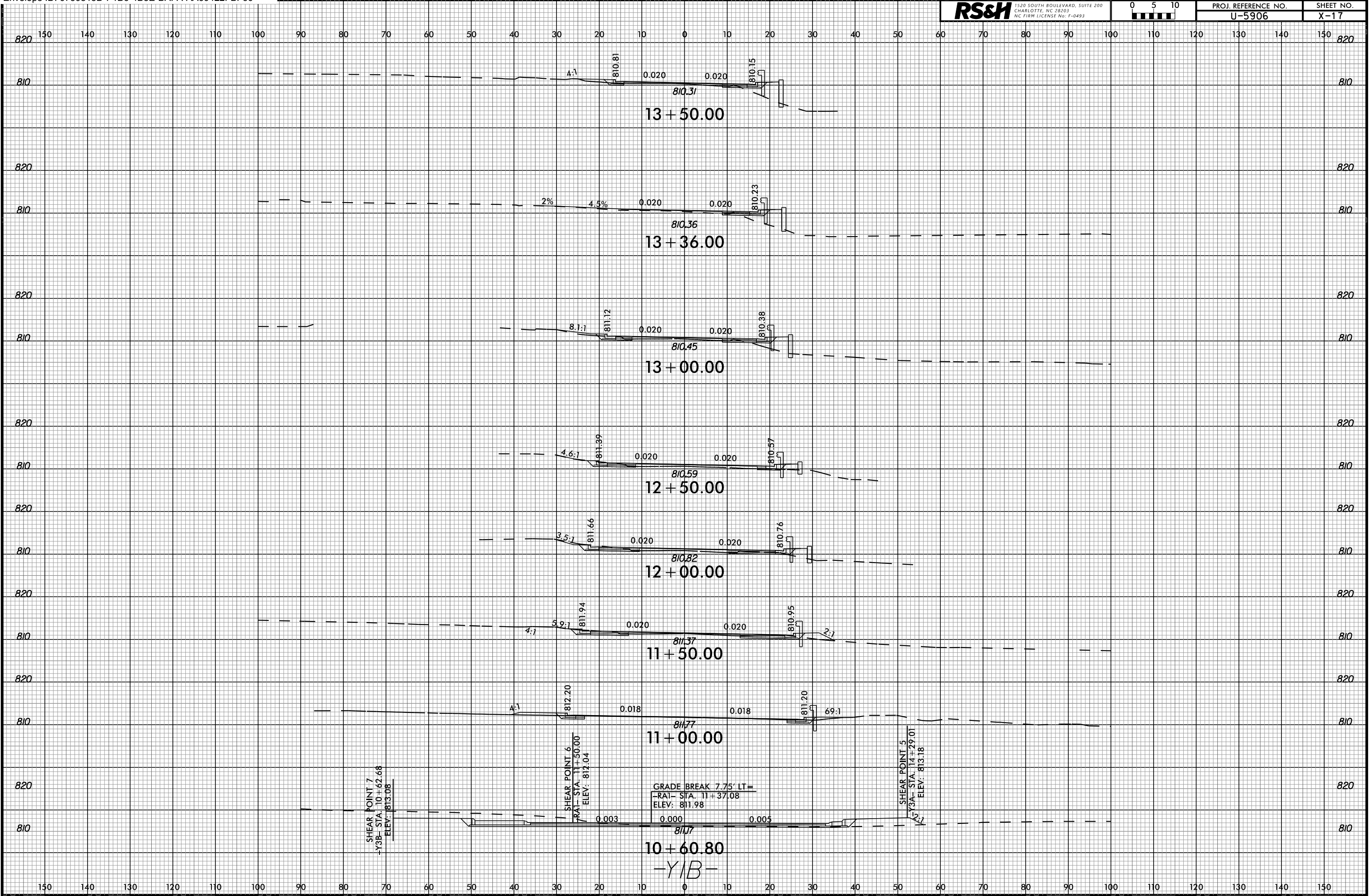
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6/23/16



15-OCT-2025 16:46
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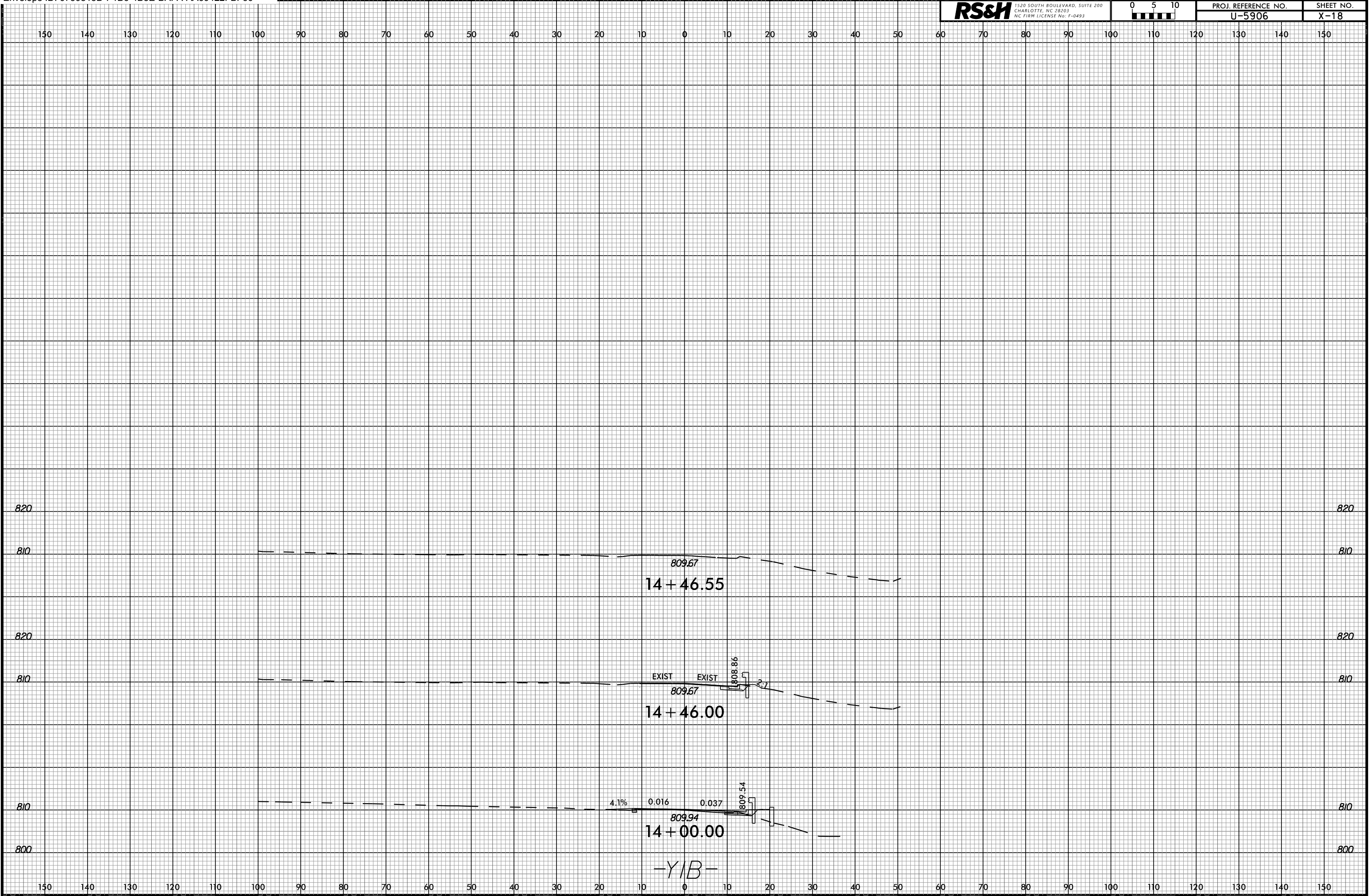
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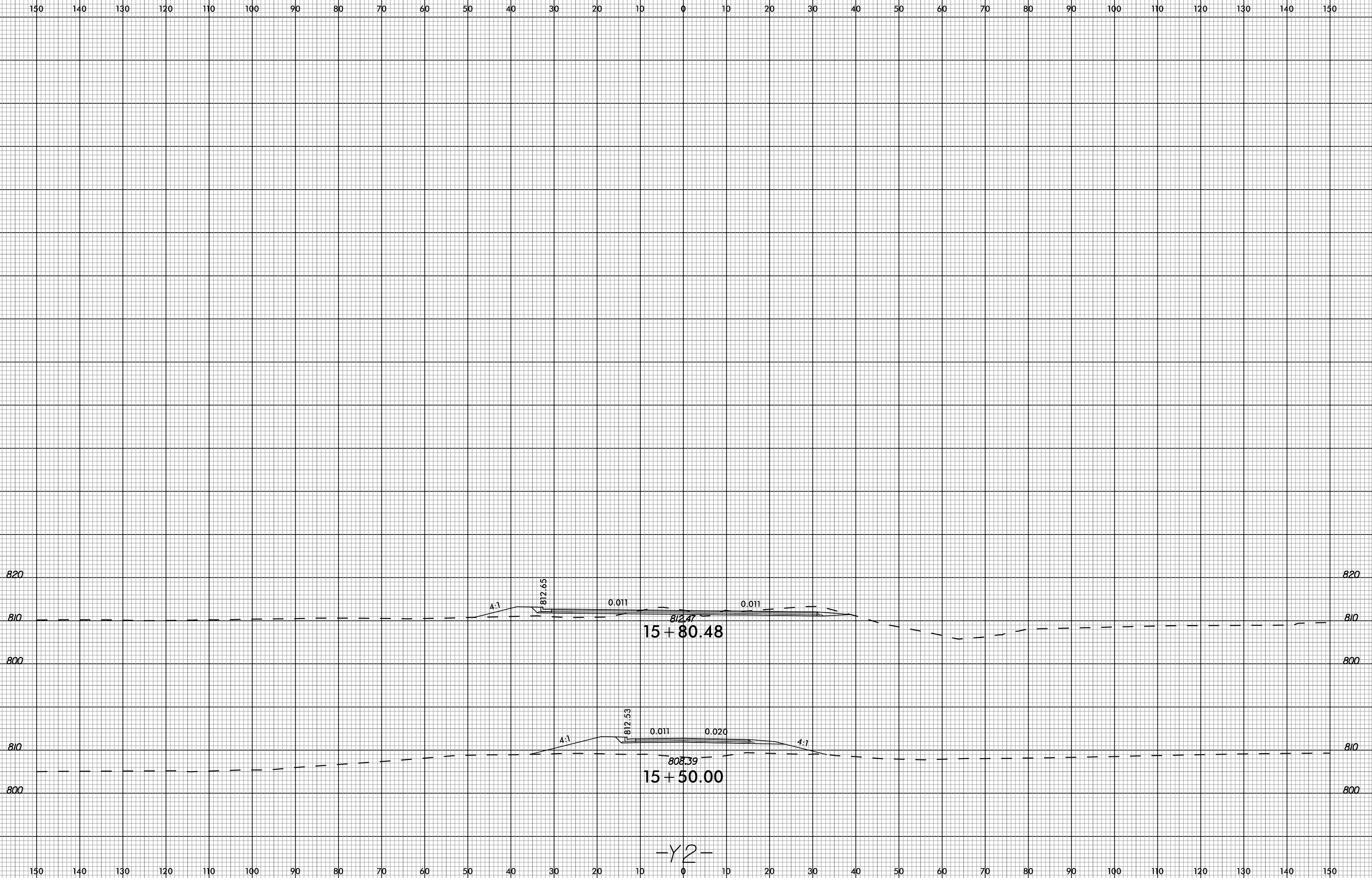
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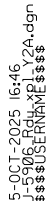
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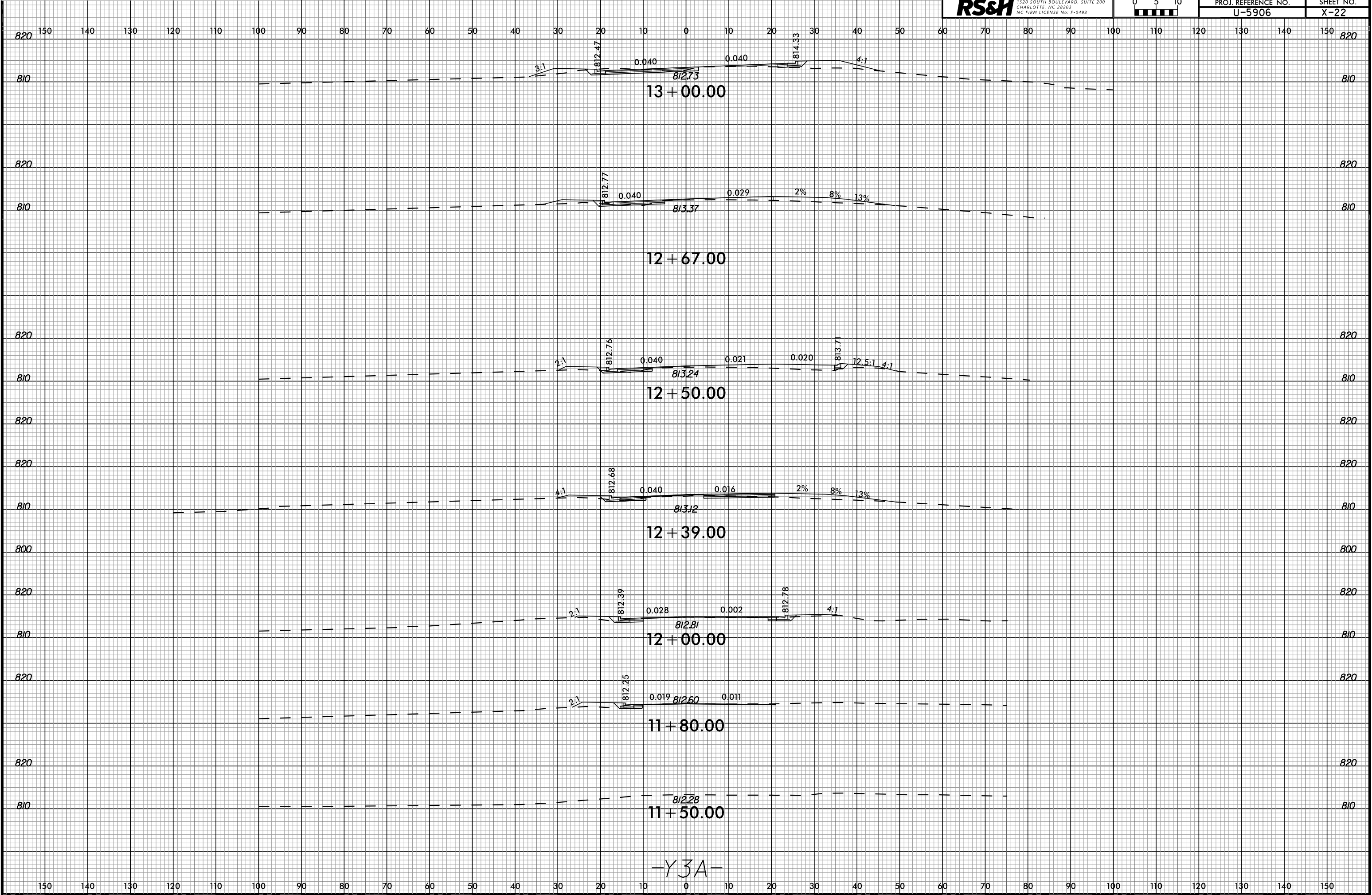






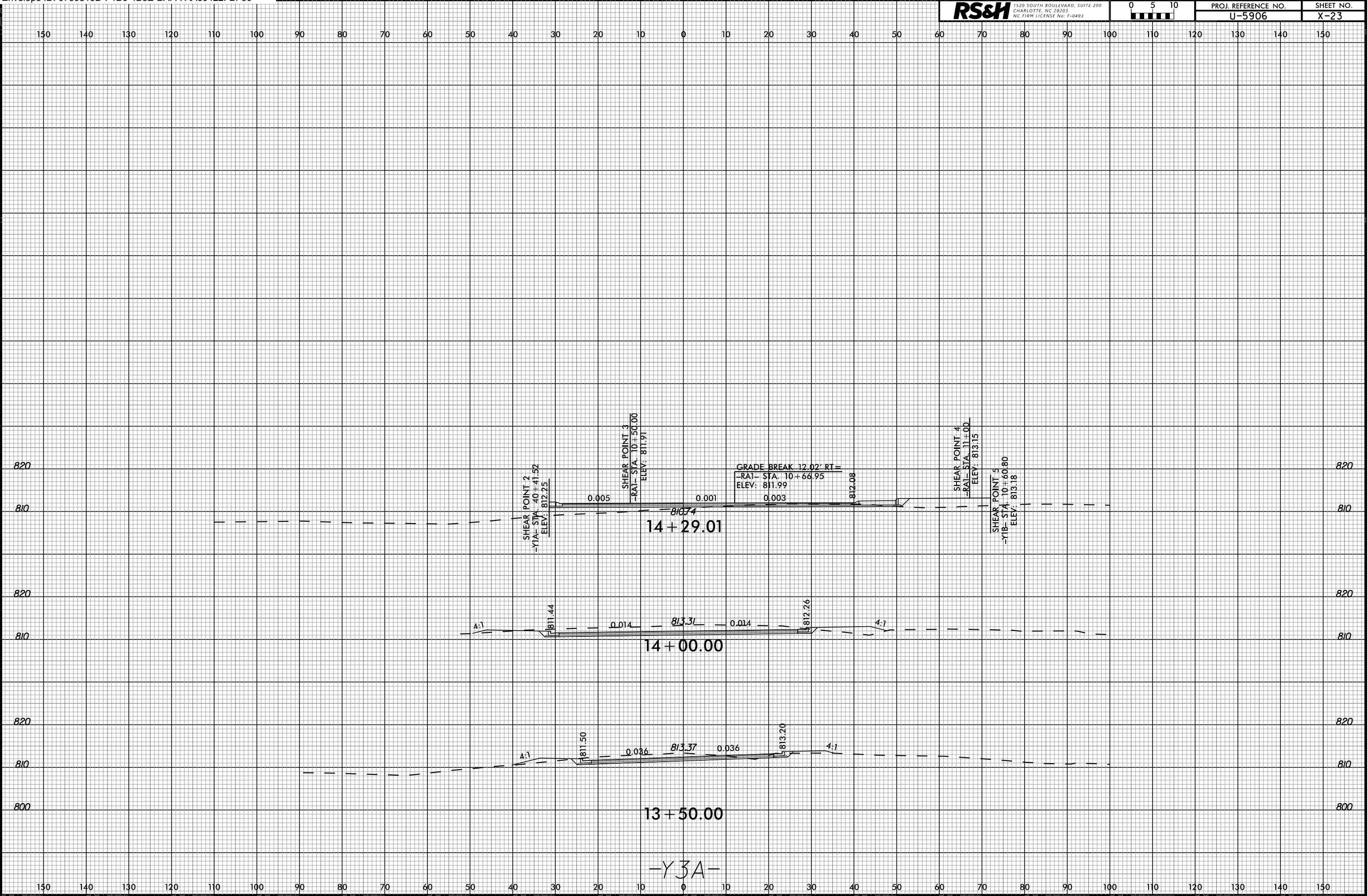


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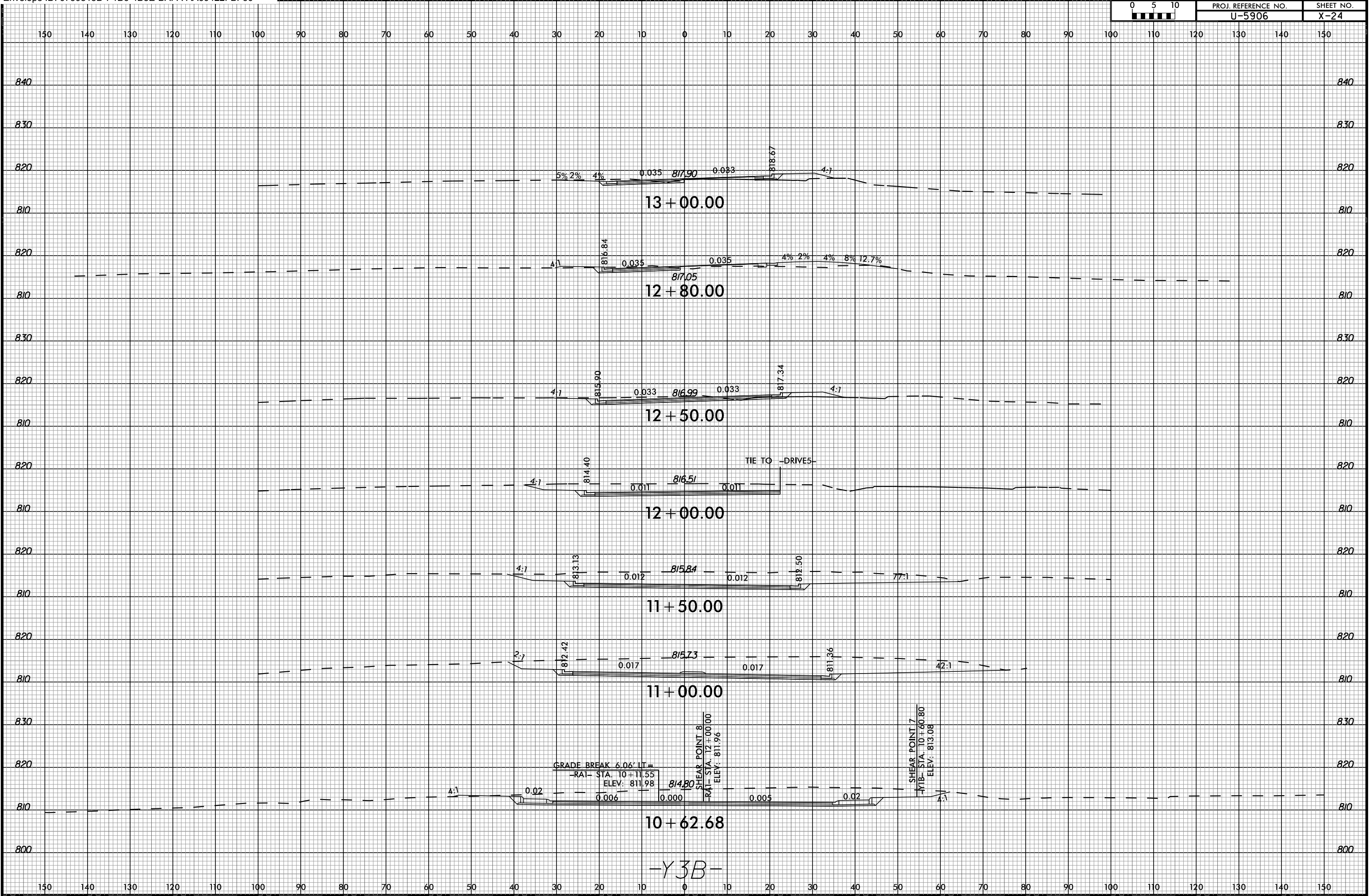


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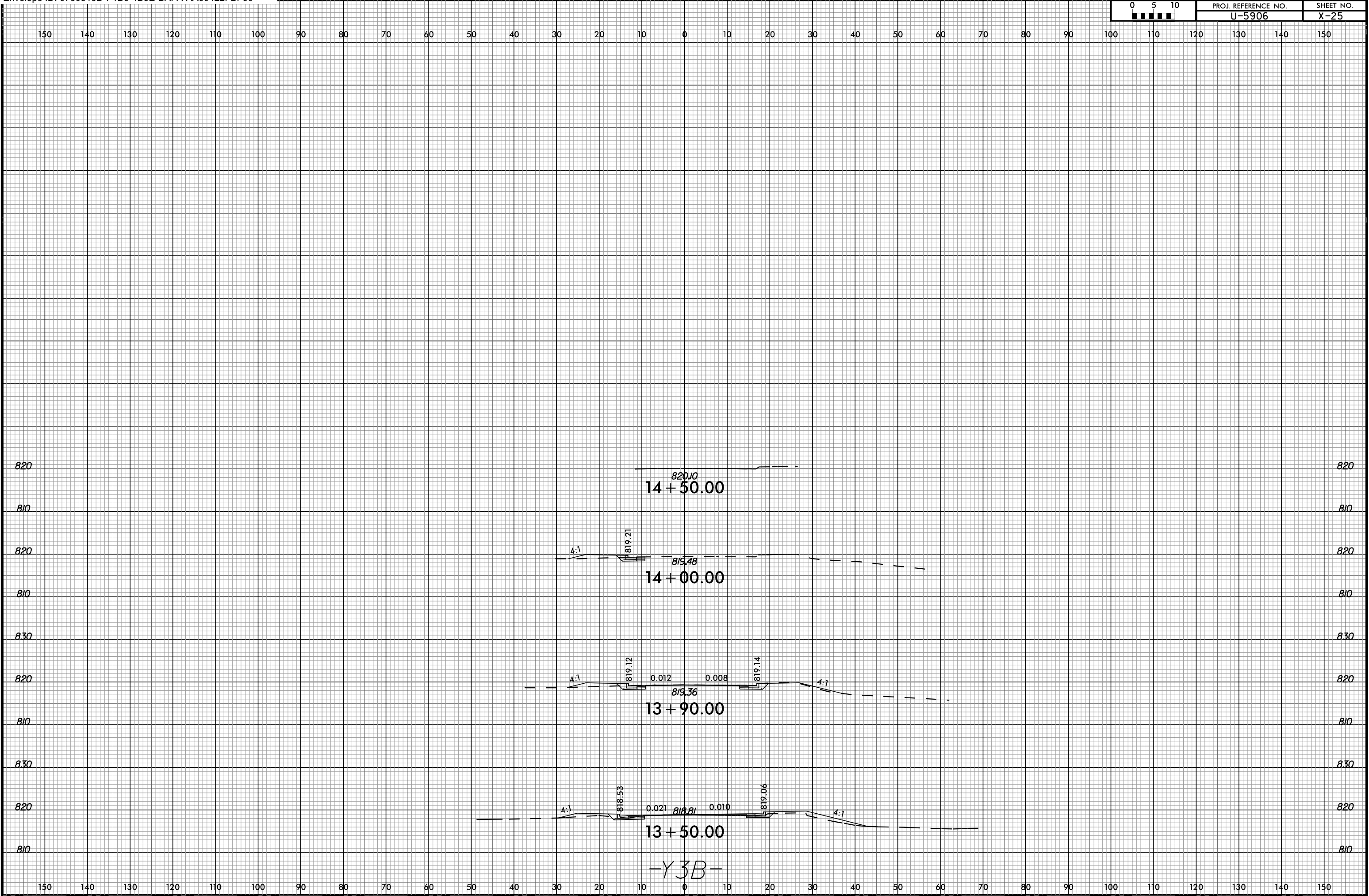


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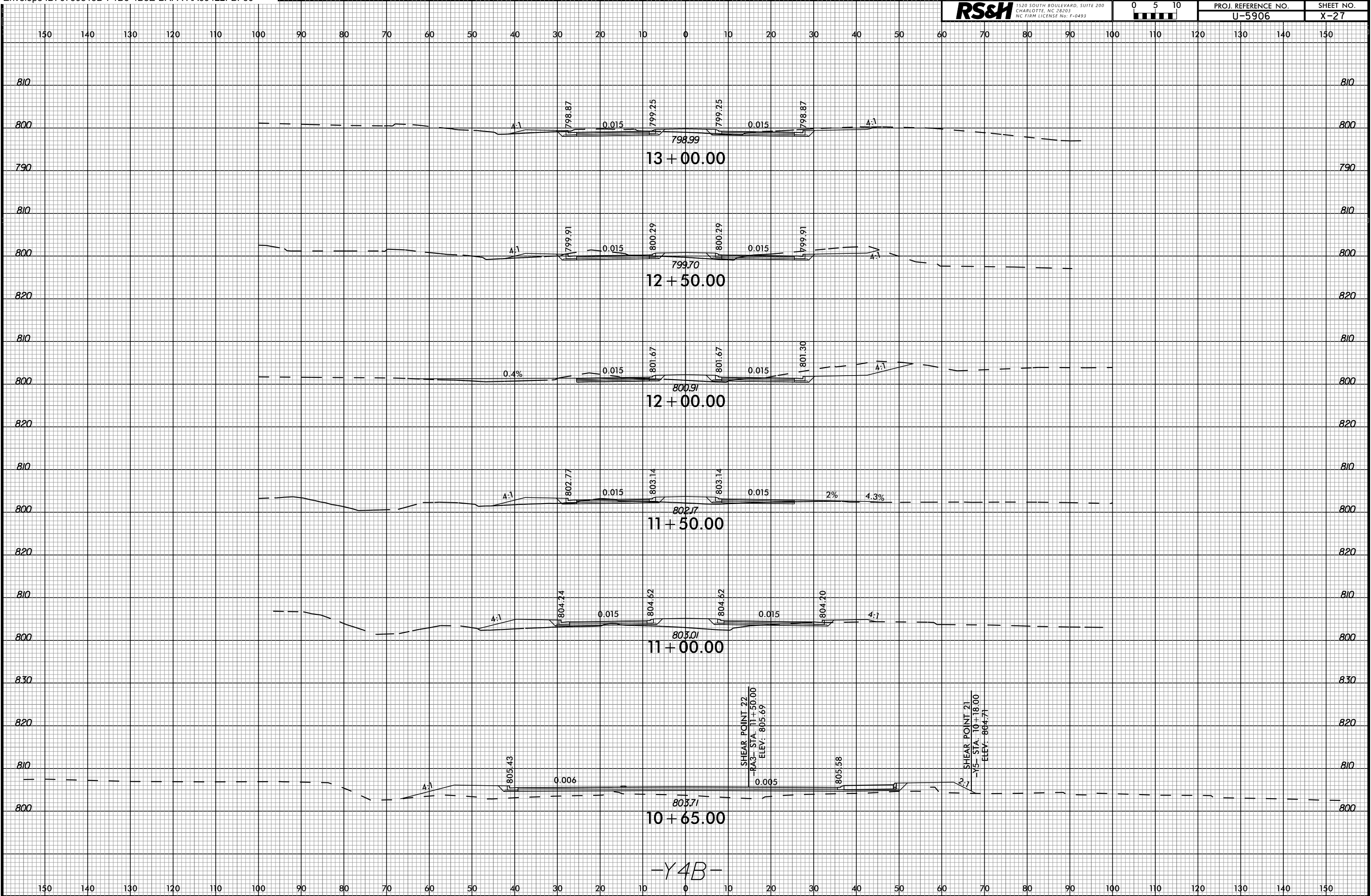


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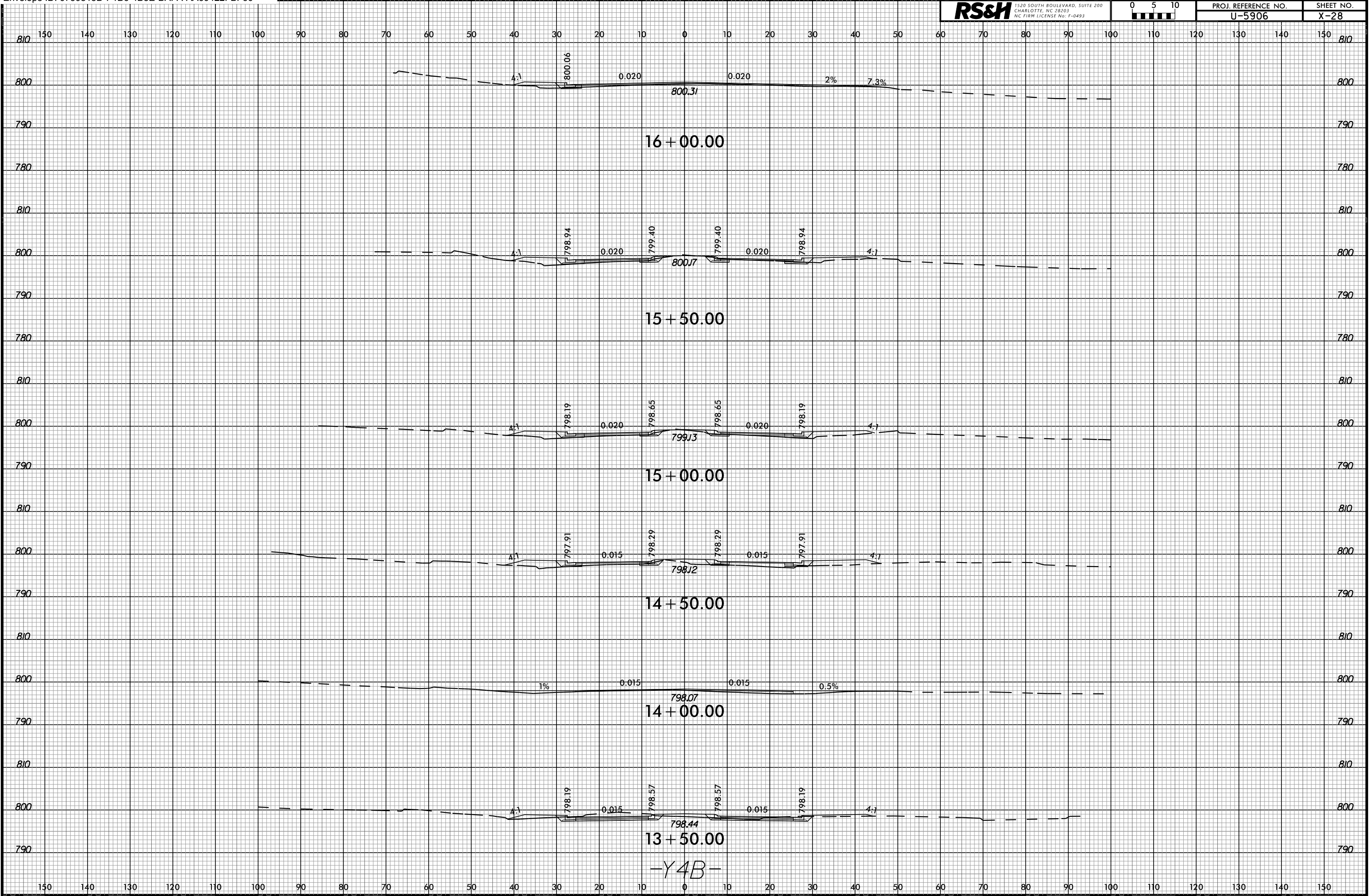
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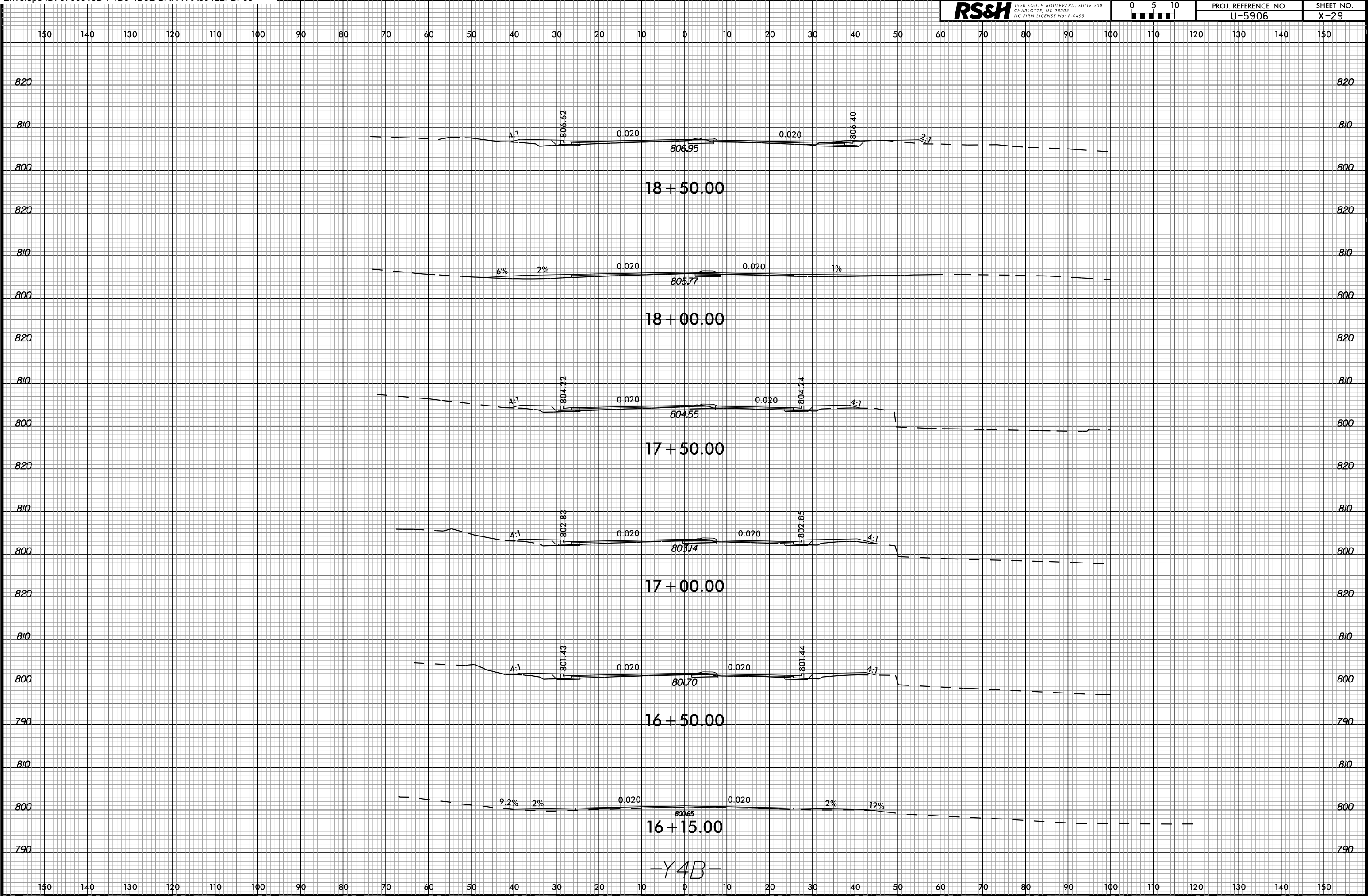
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SHEET NO.
X-28

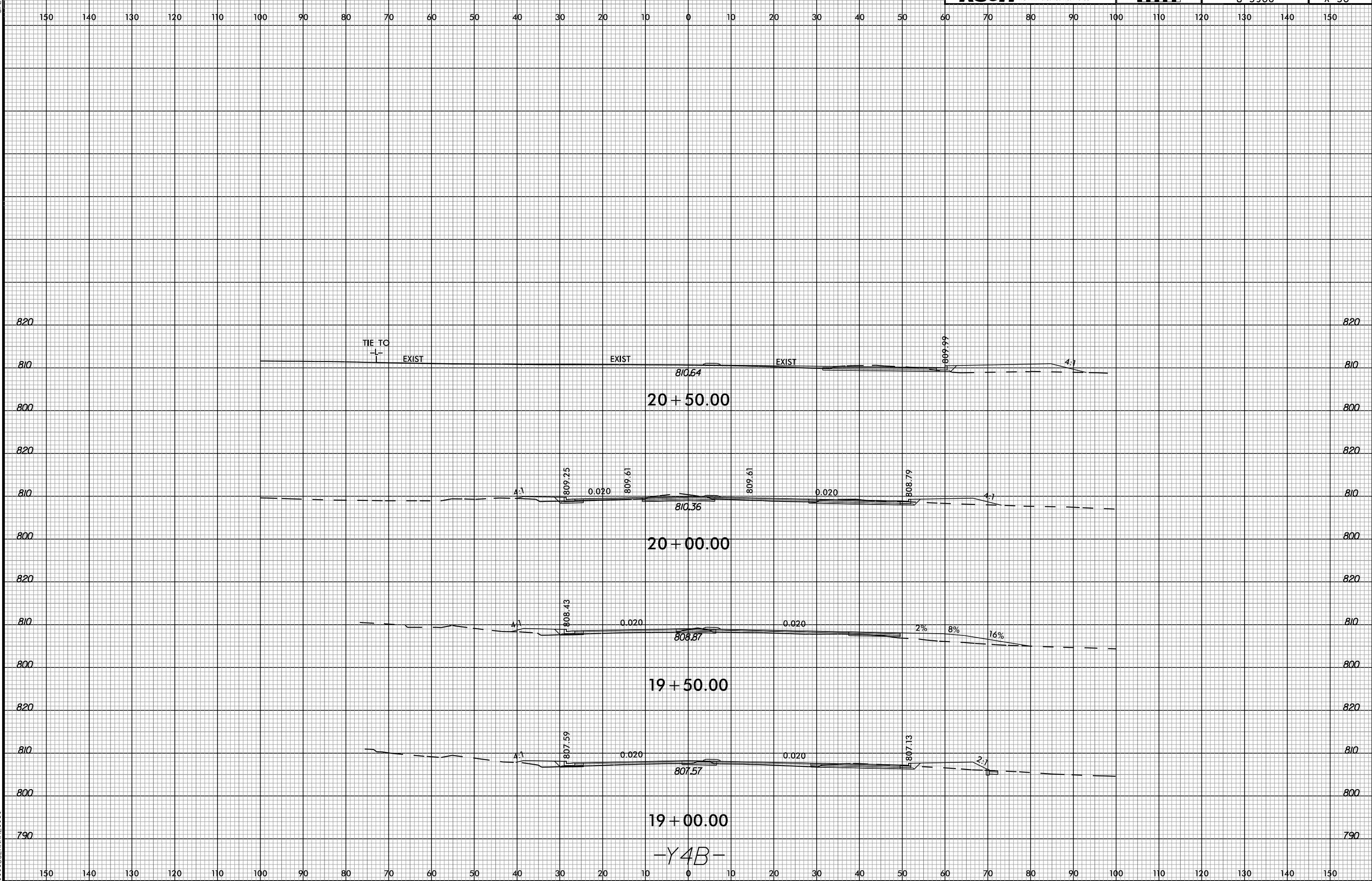


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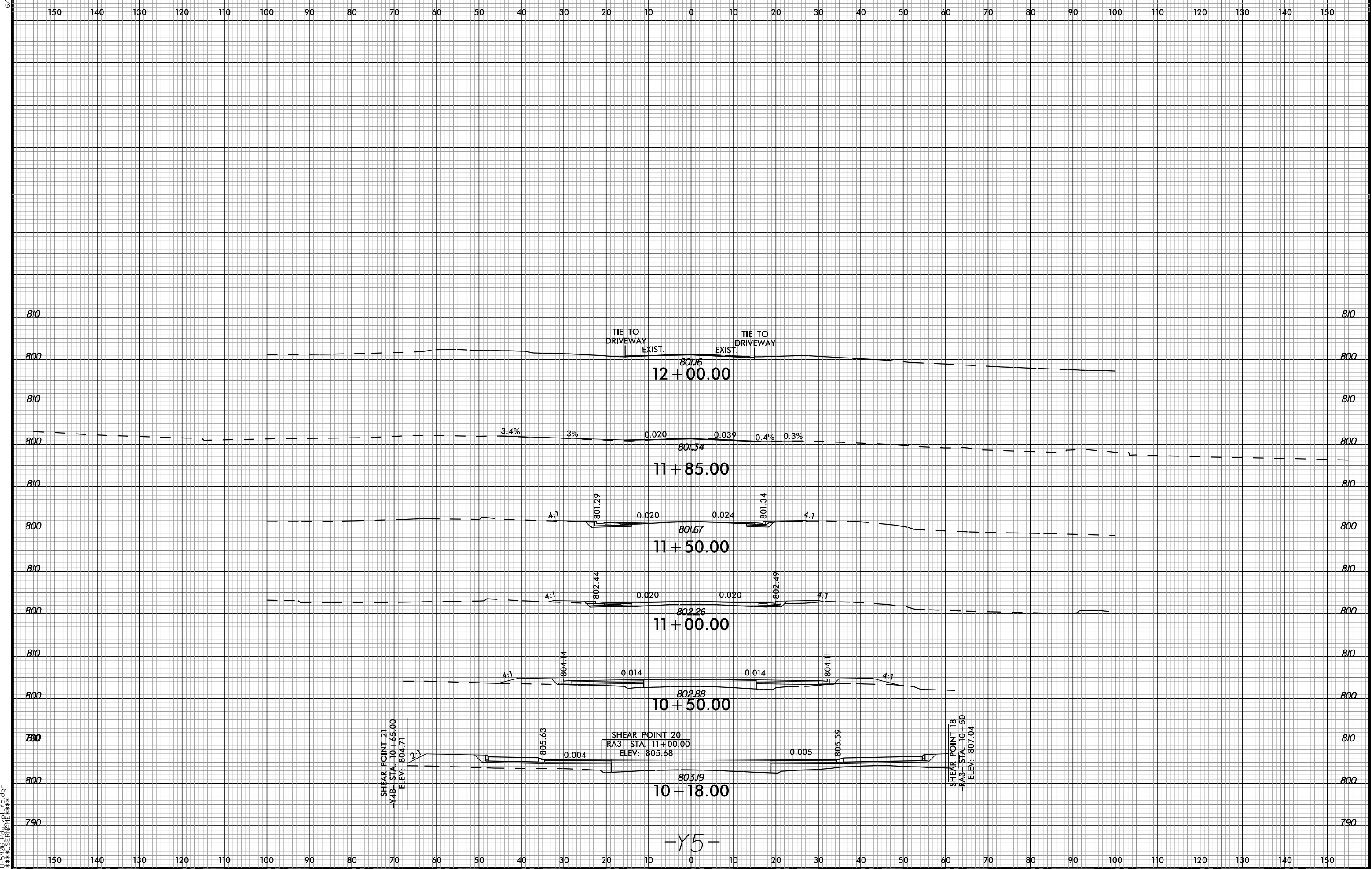
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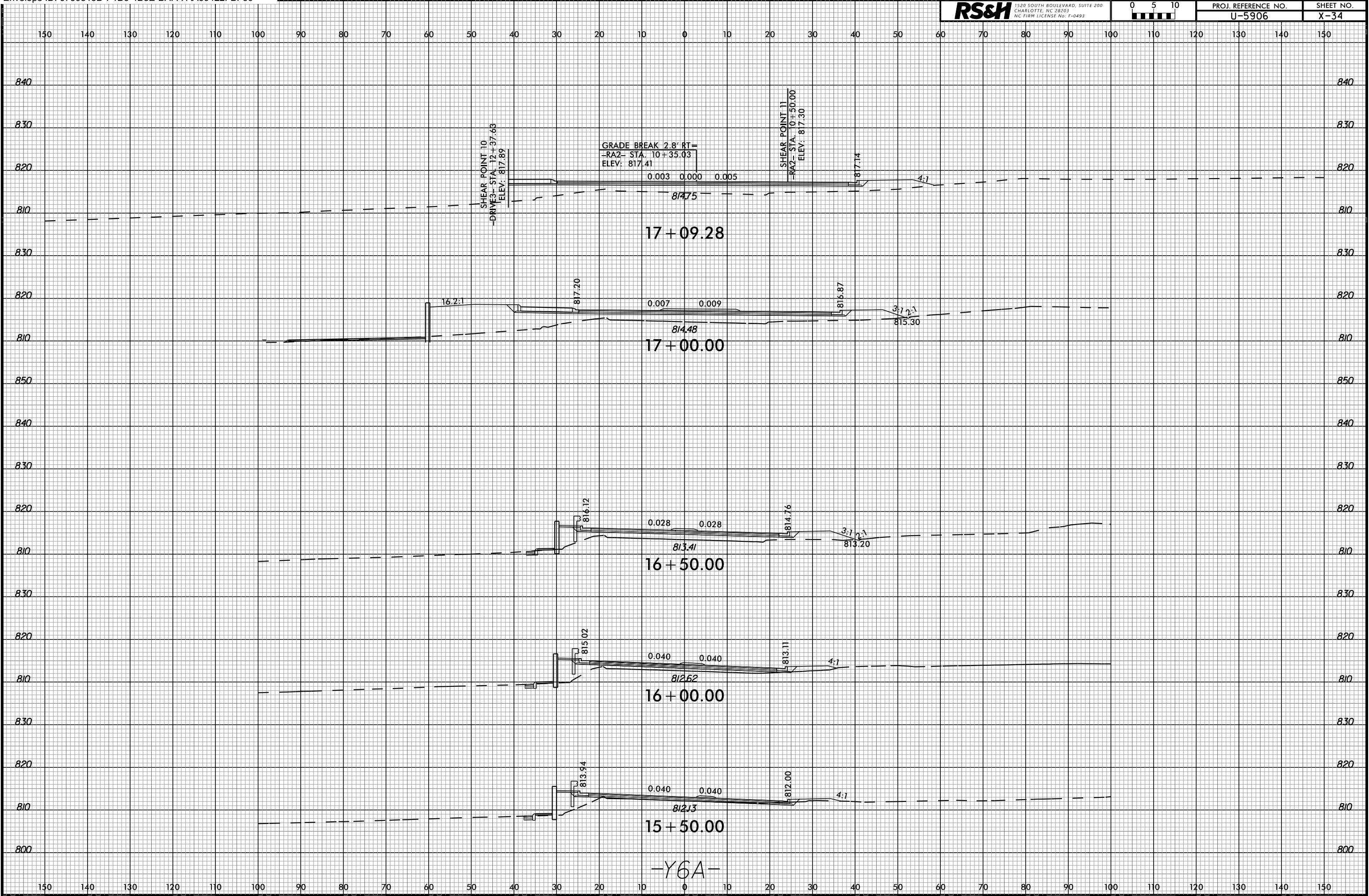
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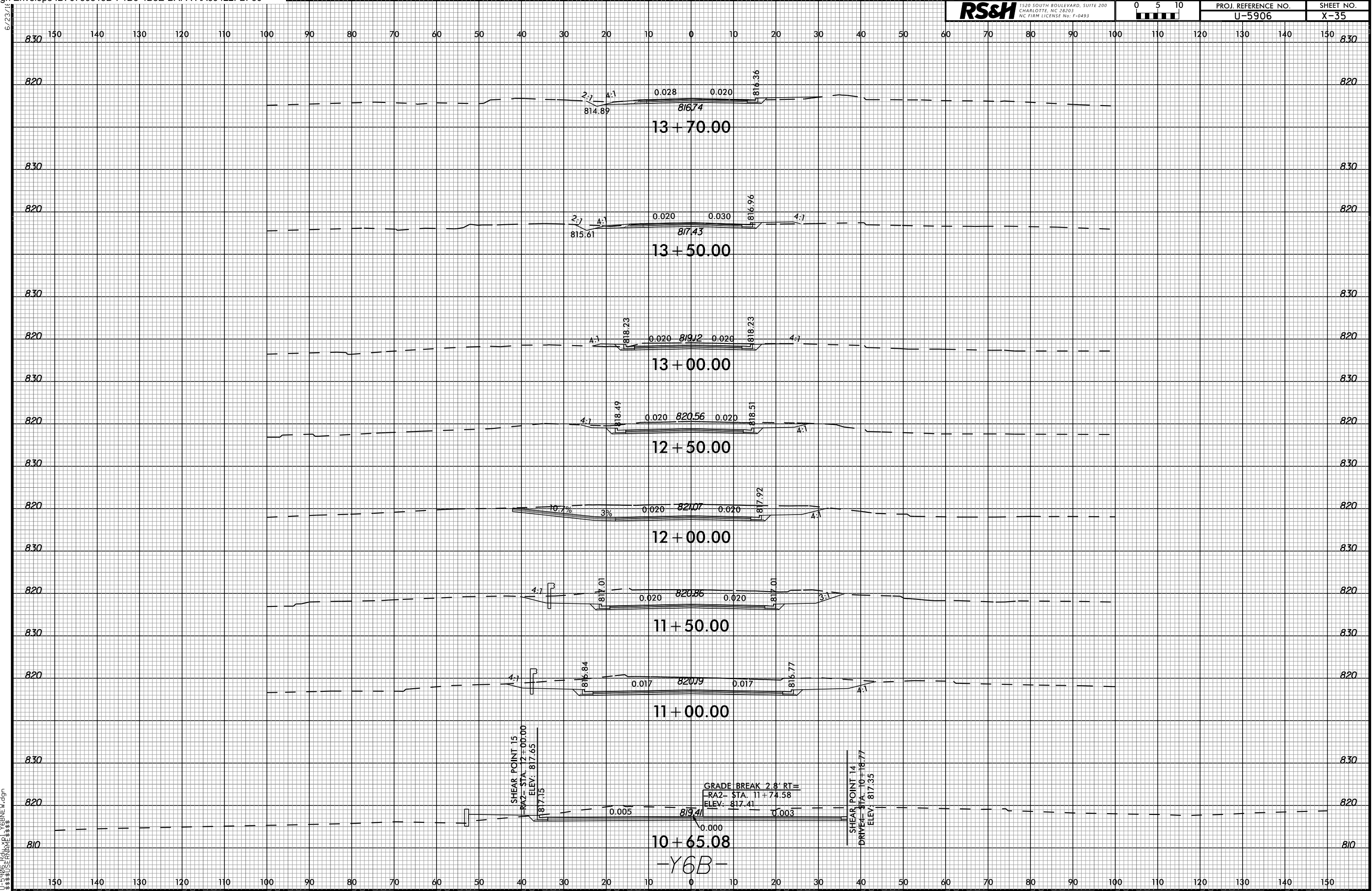


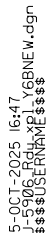


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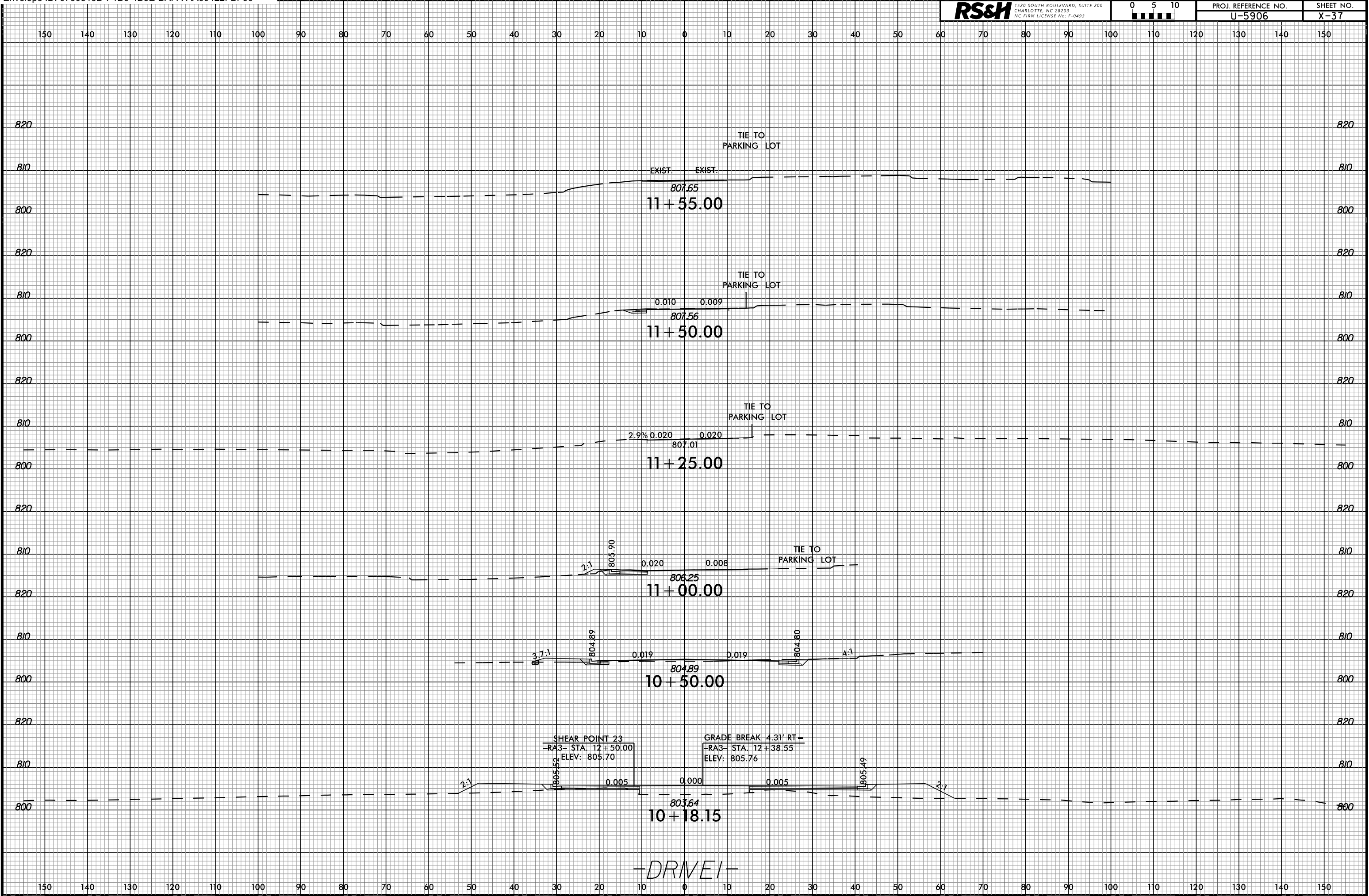


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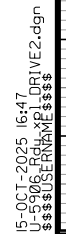


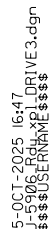


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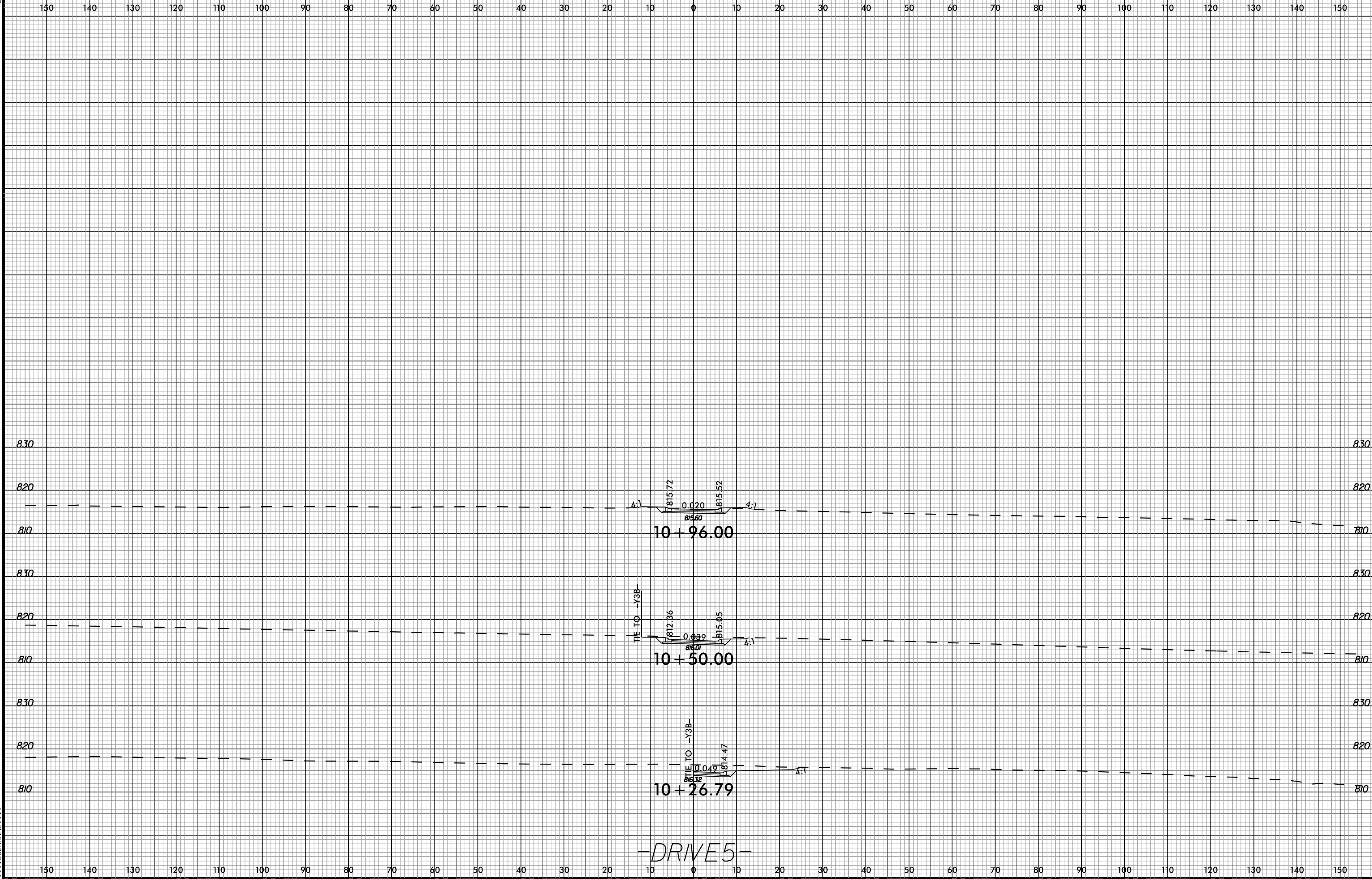


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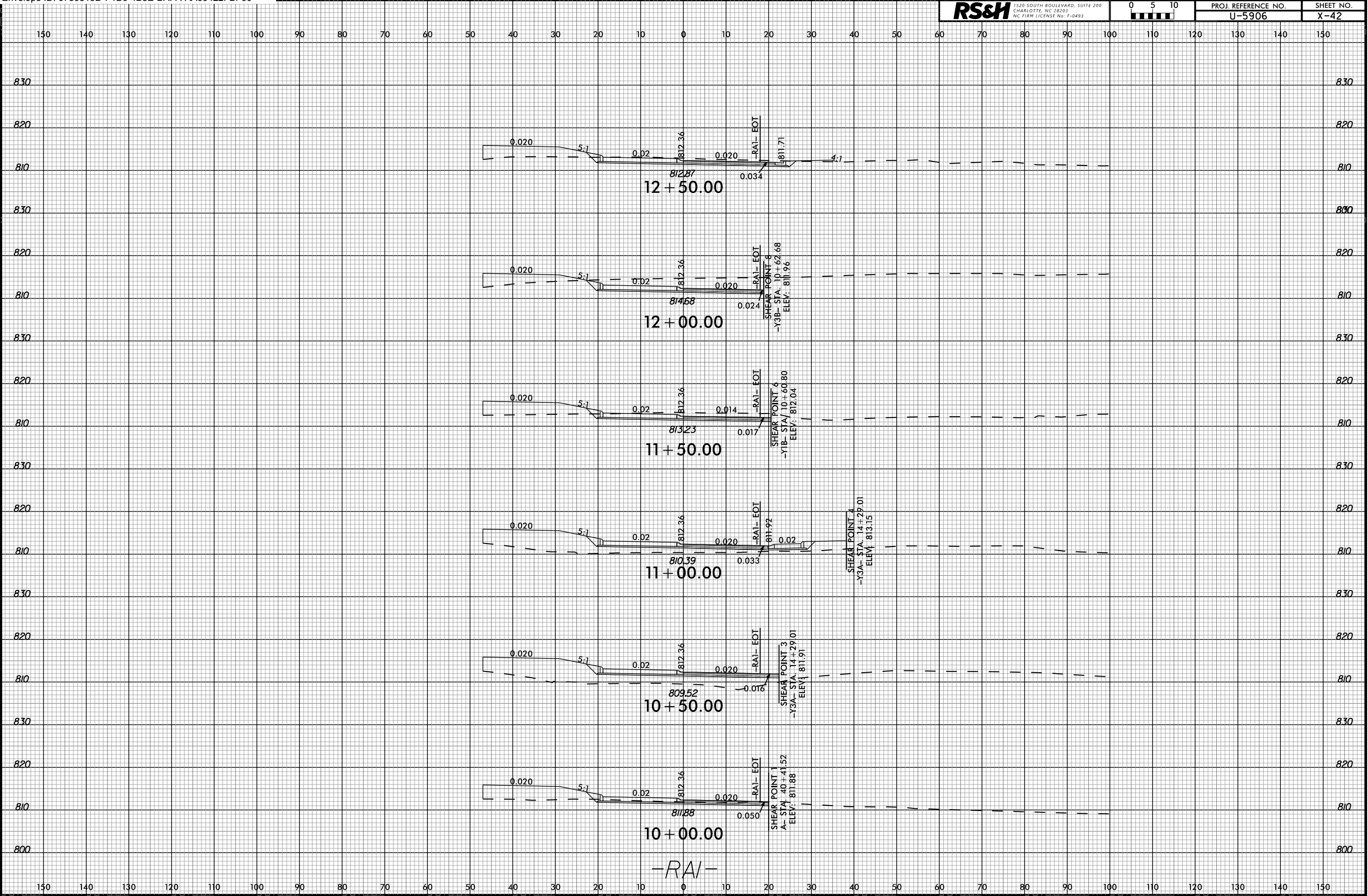






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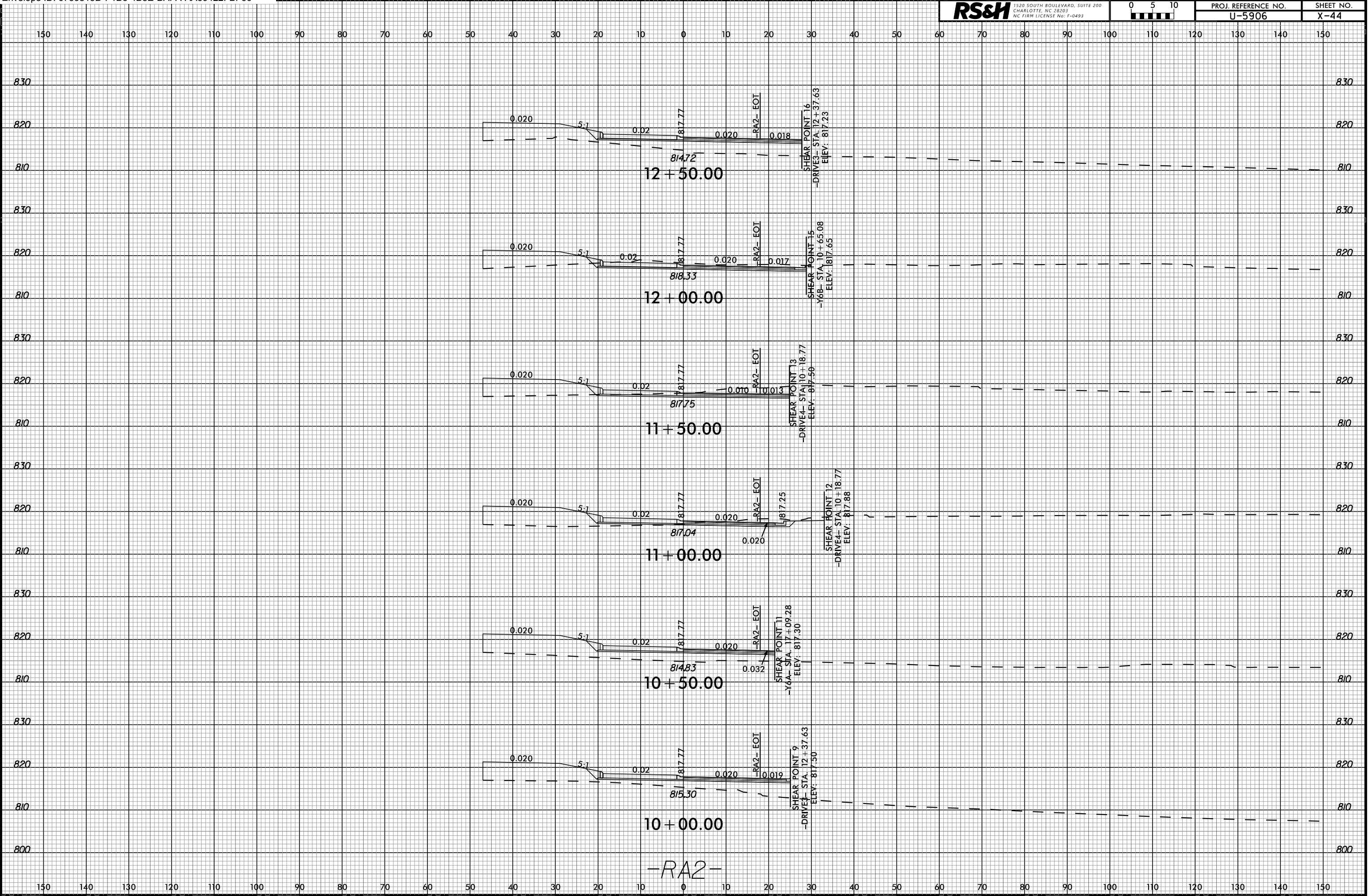
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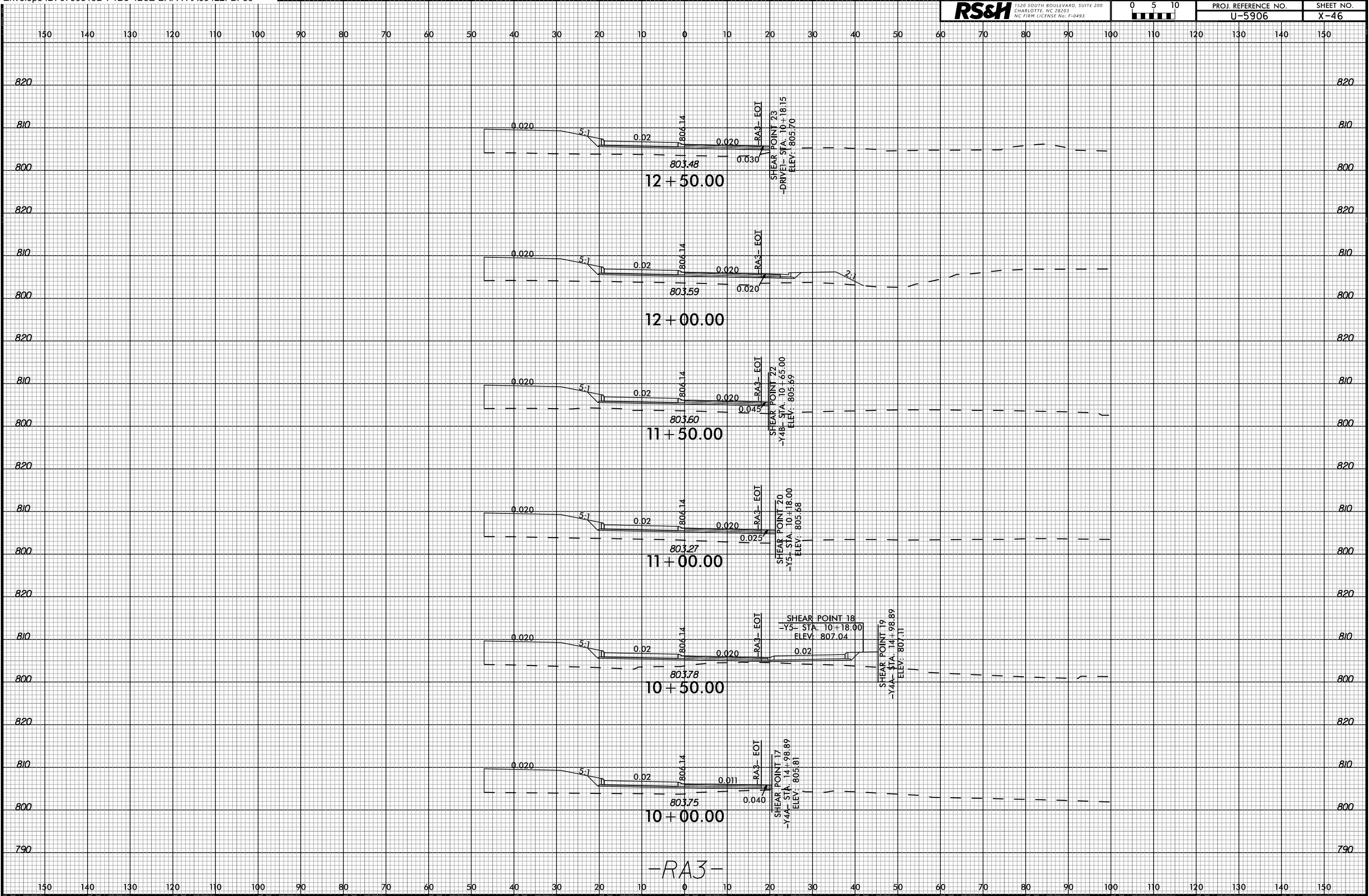
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U-5906

SHEET NO.
X-47

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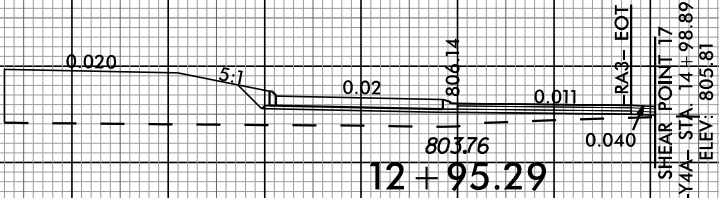
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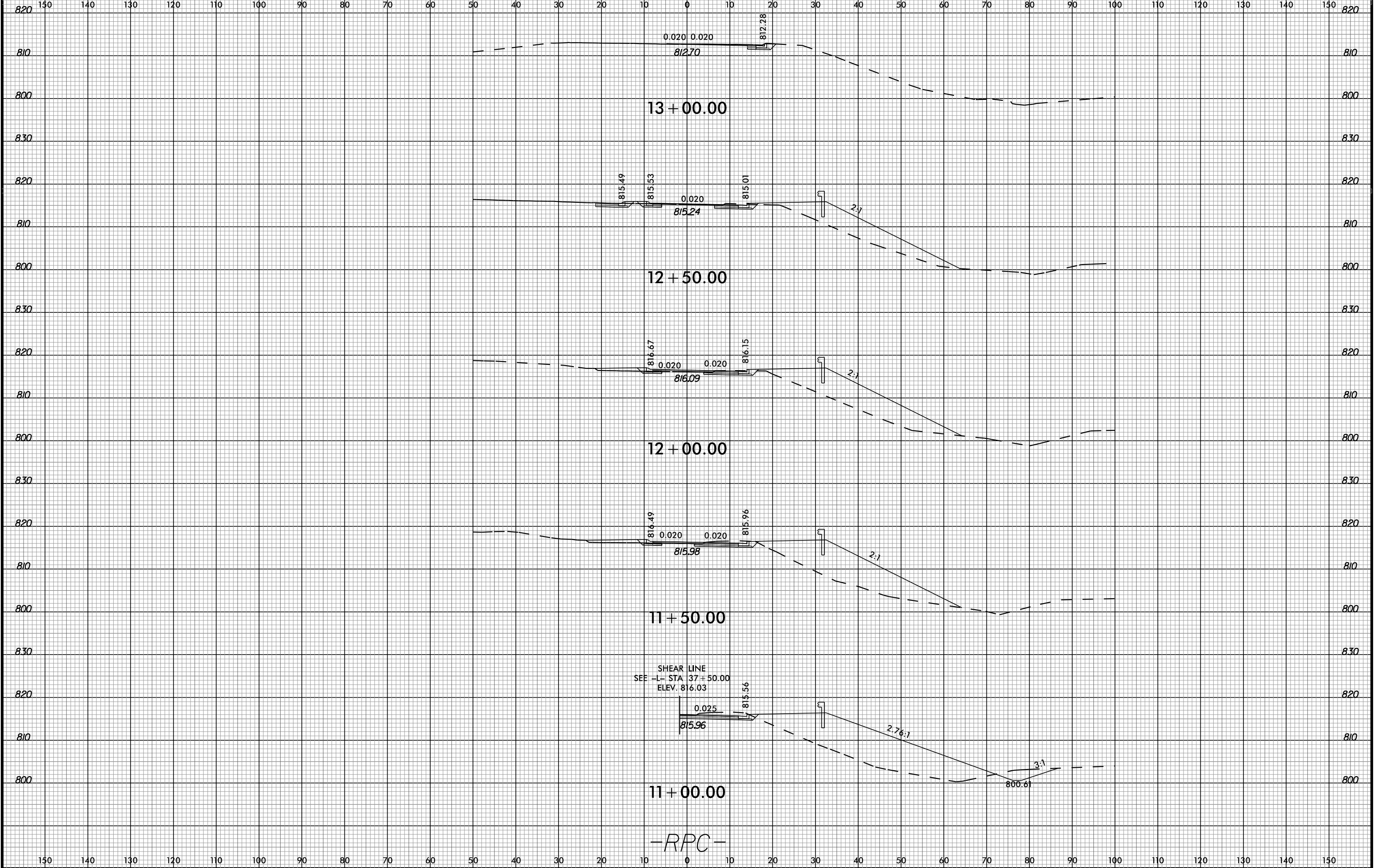
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15-OCT-2025 16:47
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USER NAME

