

R-3421A

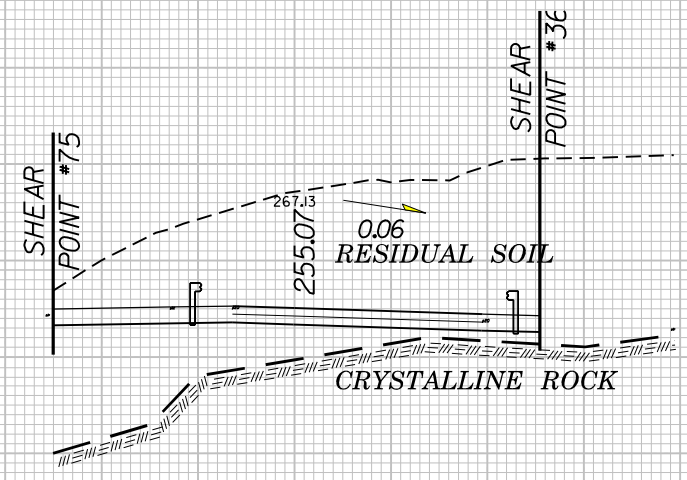
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENGINEERING UNIT
SUBSURFACE INVESTIGATION
INVENTORY
SECTION 5

REFERENCE: R-3421A

PROJECT: 34542

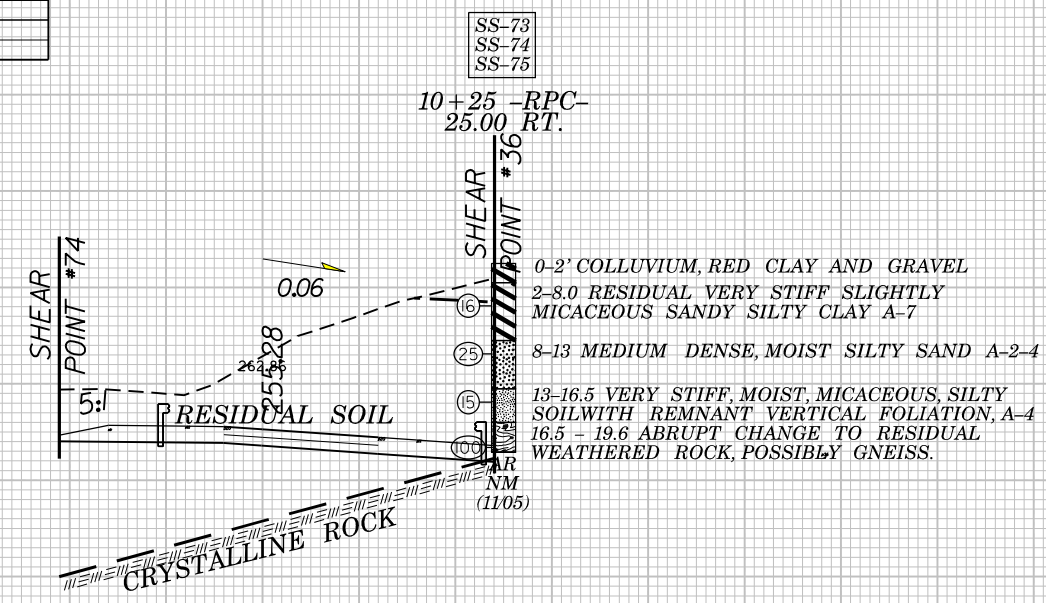
DS
ELH
INITIALS

1/8/2016
DATE



10 + 46.31

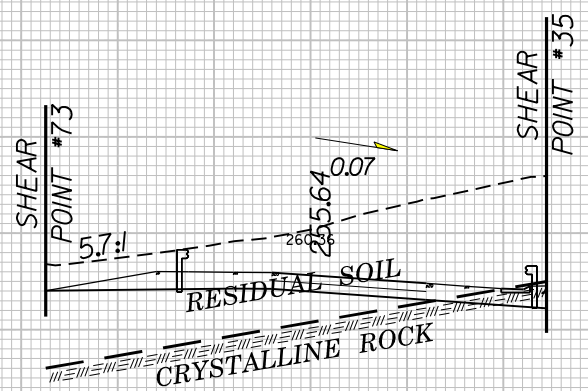
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							G. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-73	25 RT	10+25	3.40-4.90	A-7-5(4)	46	16	30.1	28.9	18.8	22.2	100	81	45	-	-
SS-74	25 RT	10+25	8.40-9.90	A-2-4(0)	32	NP	24.6	52.5	18.8	4.0	100	82	29	-	-
SS-75	25 RT	10+25	13.40-14.90	A-4(0)	32	NP	21.2	41.4	29.3	8.1	100	90	44	-	-



10 + 25 -RPC-
25.00 RT.

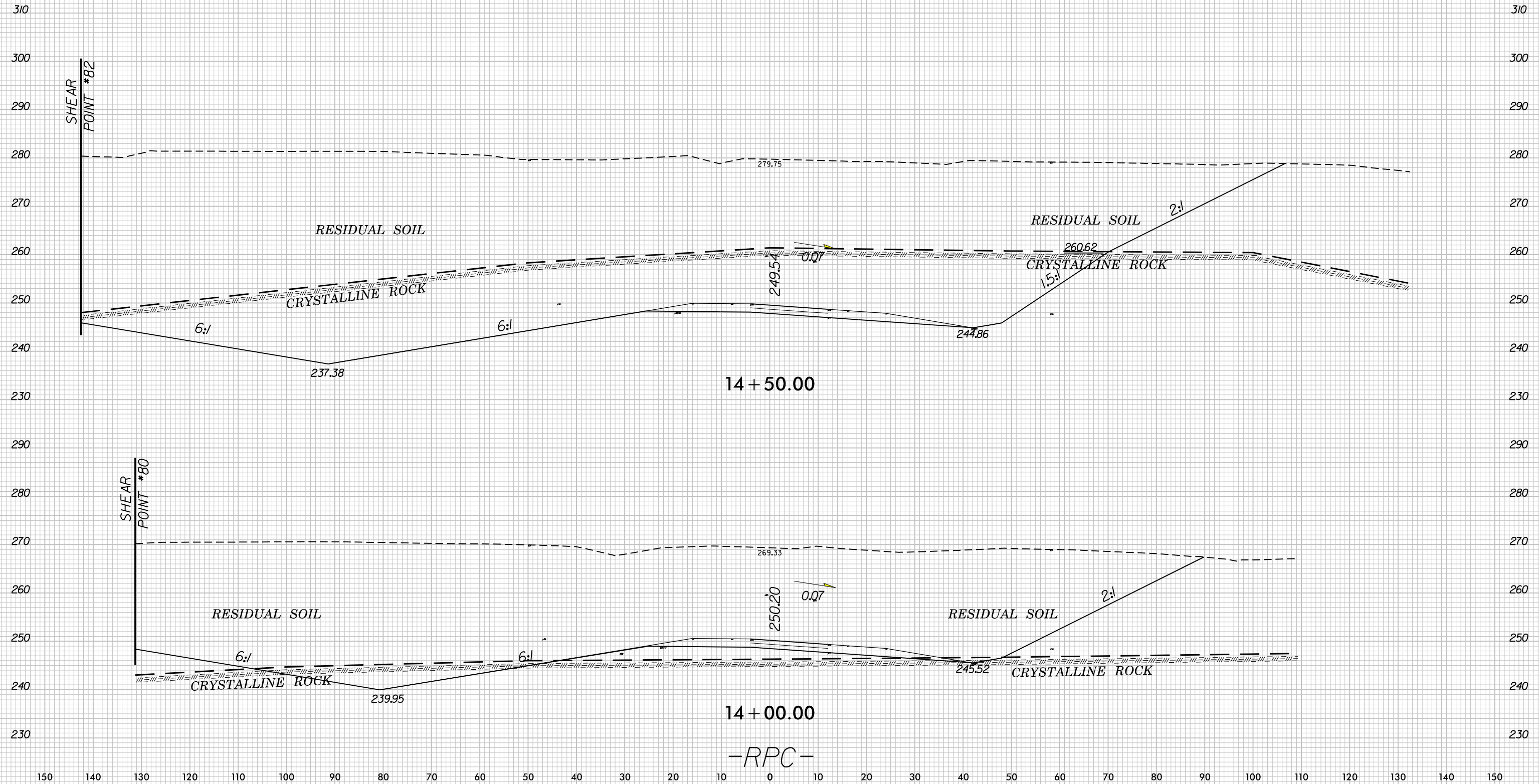
10 + 15.00

- 0-2' COLLUVIUM, RED CLAY AND GRAVEL
- 2-8.0 RESIDUAL VERY STIFF SLIGHTLY MICACEOUS SANDY SILTY CLAY A-7
- 8-13 MEDIUM DENSE, MOIST SILTY SAND A-2-4
- 13-16.5 VERY STIFF, MOIST, MICACEOUS, SILTY SOIL WITH REMNANT VERTICAL FOLIATION, A-4
- 16.5 - 19.6 ABRUPT CHANGE TO RESIDUAL WEATHERED ROCK, POSSIBLY GNEISS.

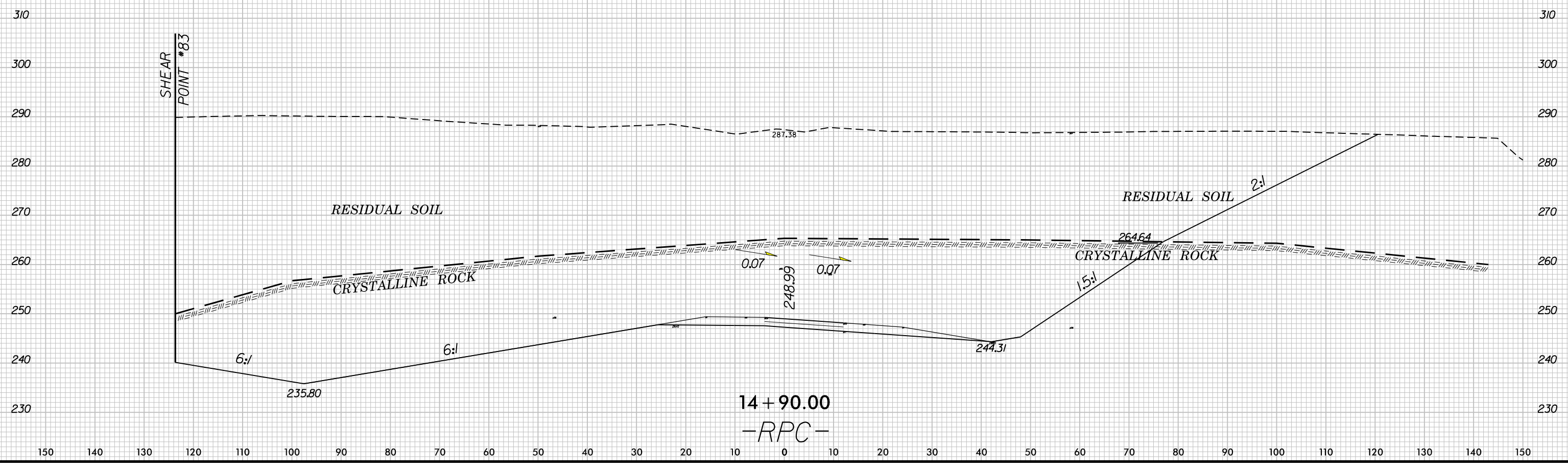
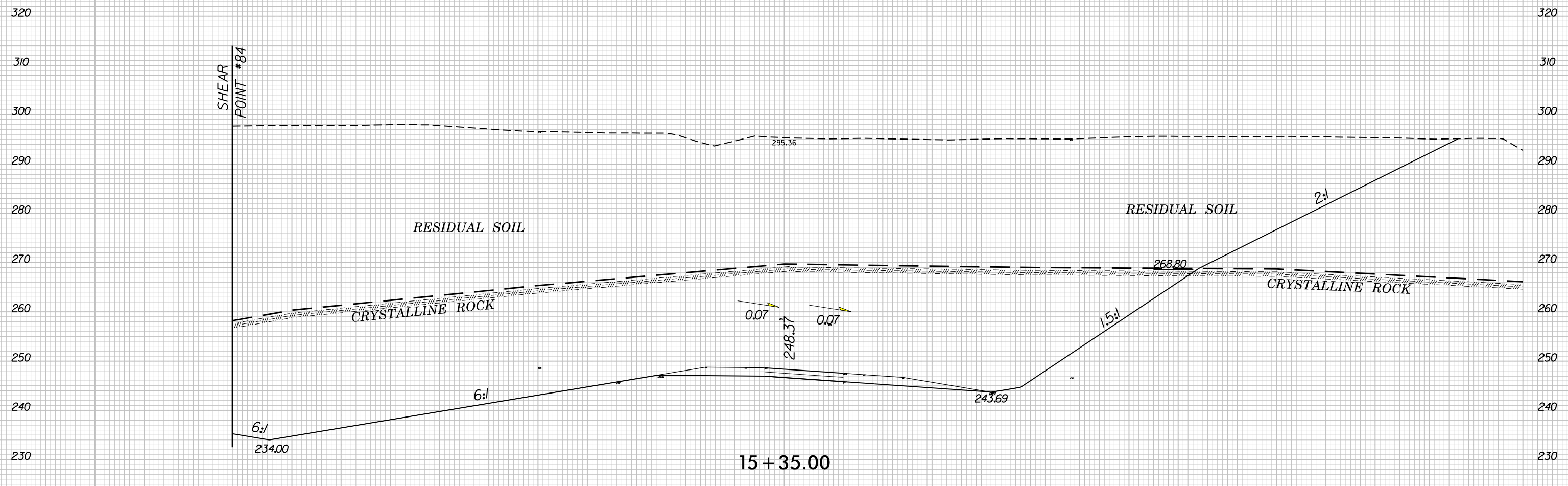


9 + 64.39
-RPC-

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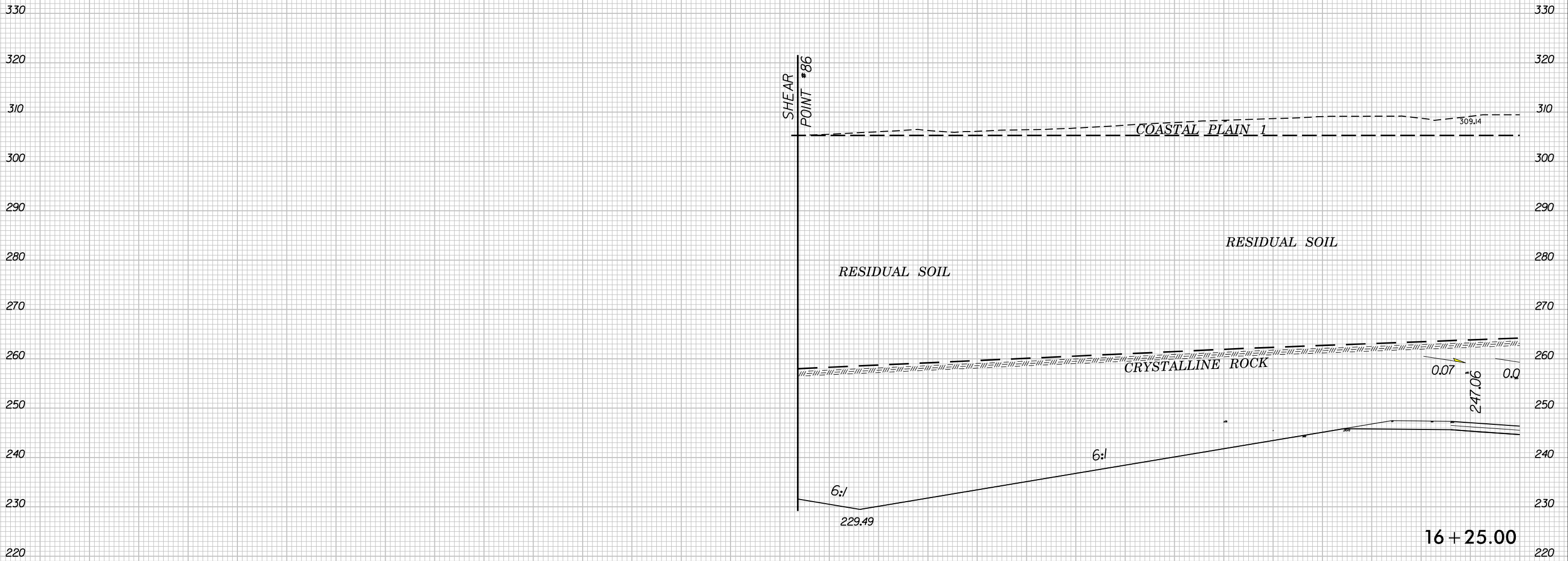


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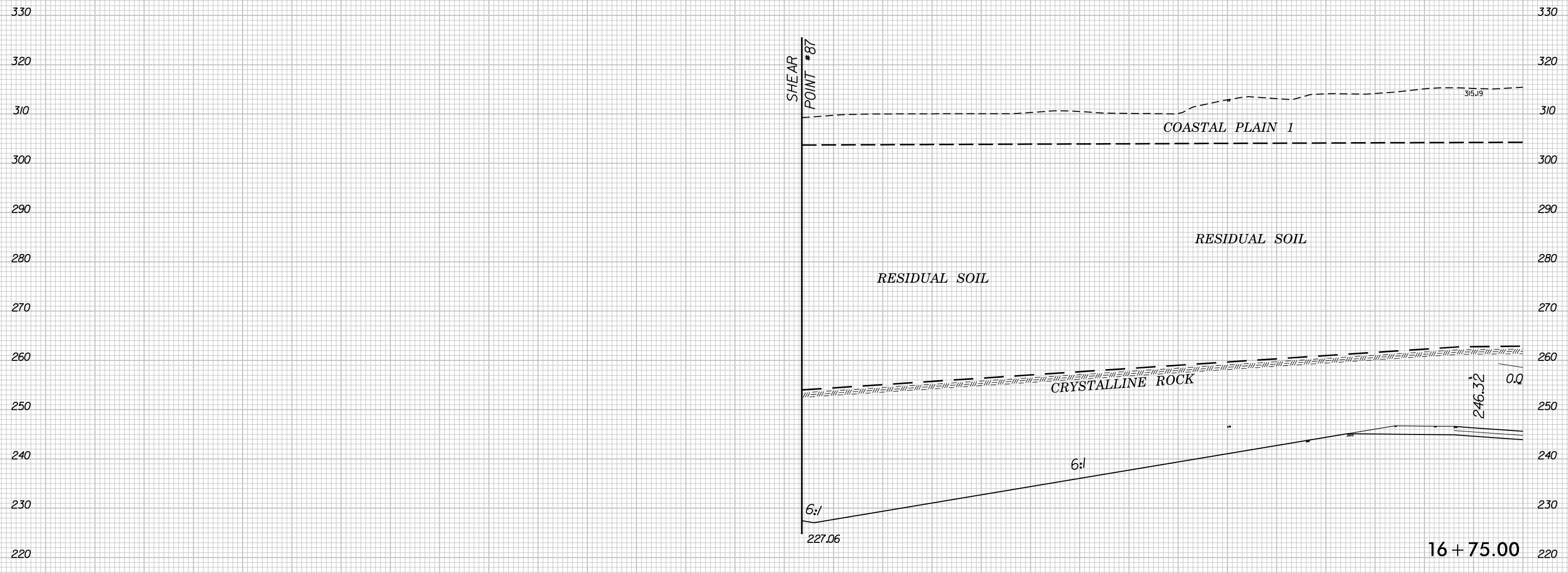
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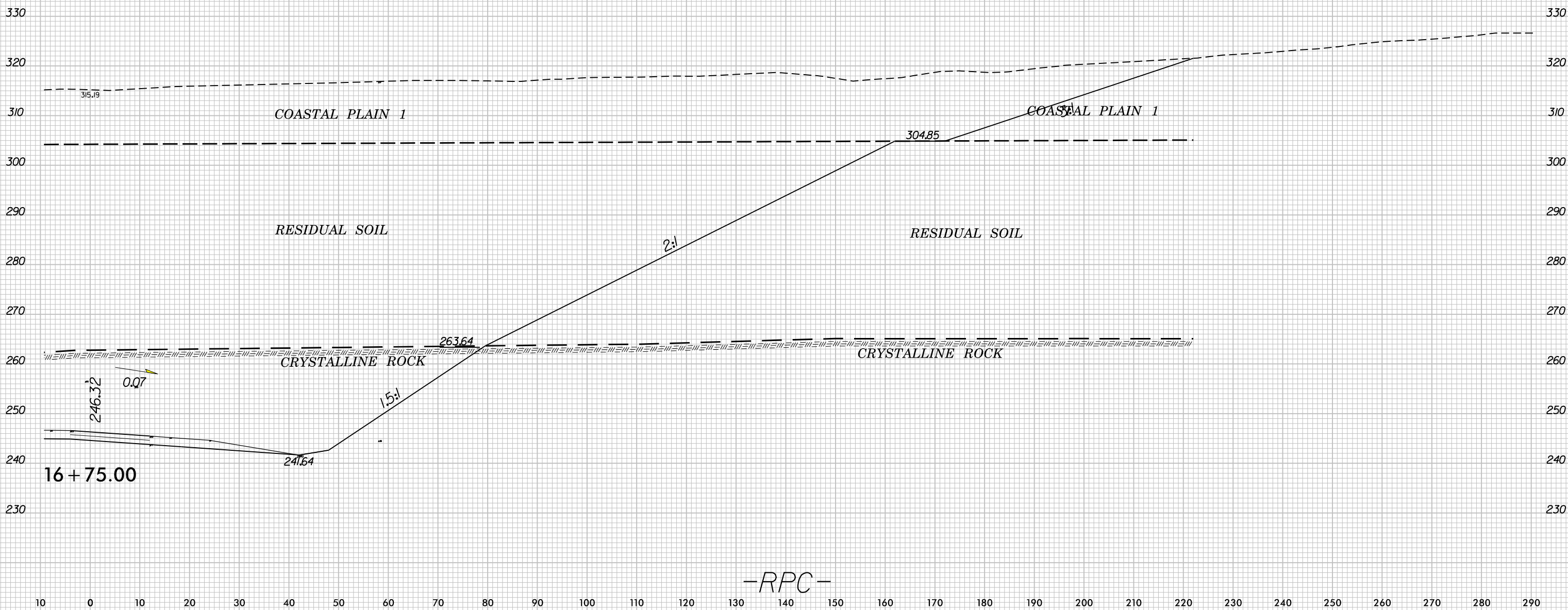
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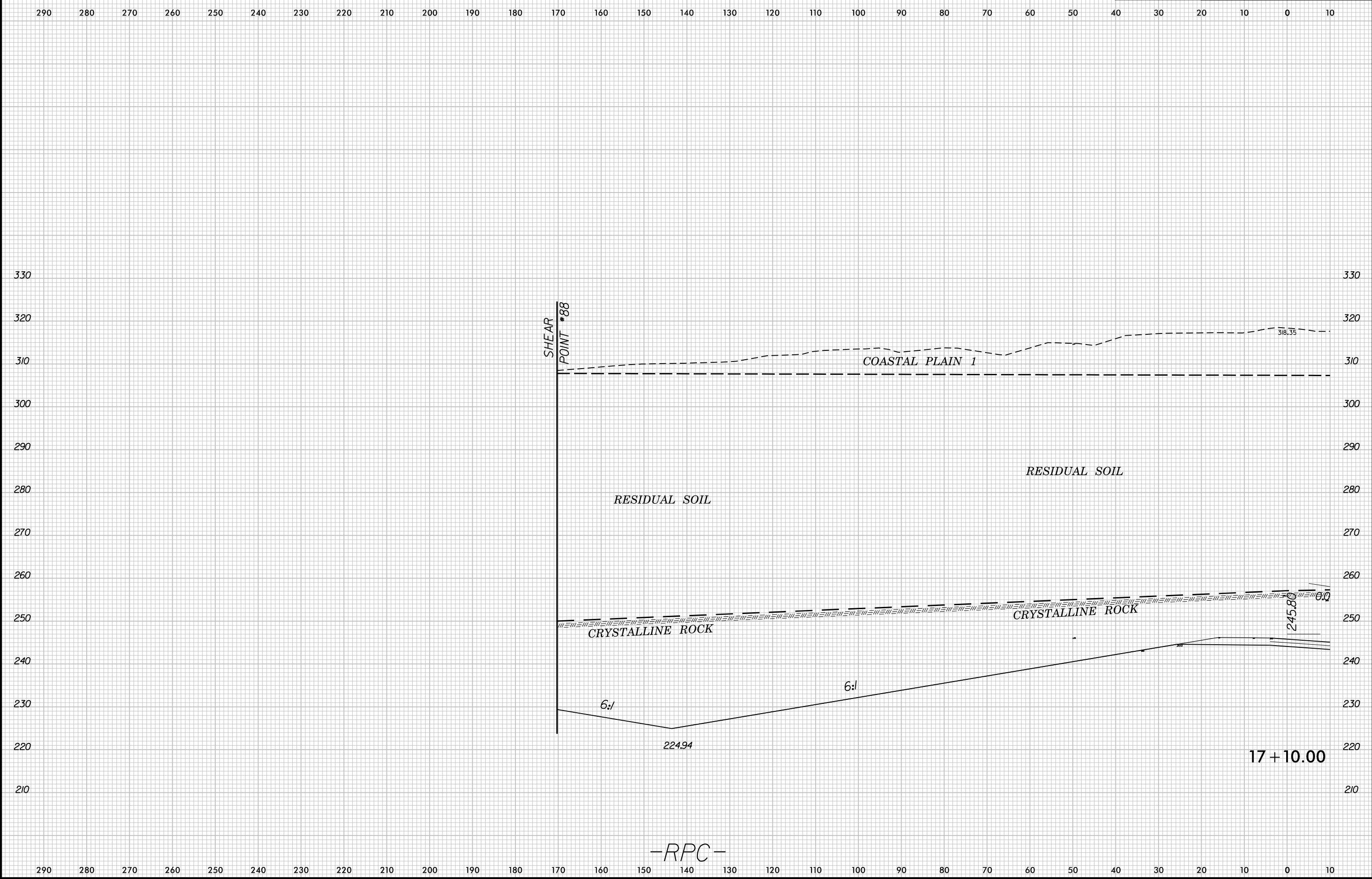
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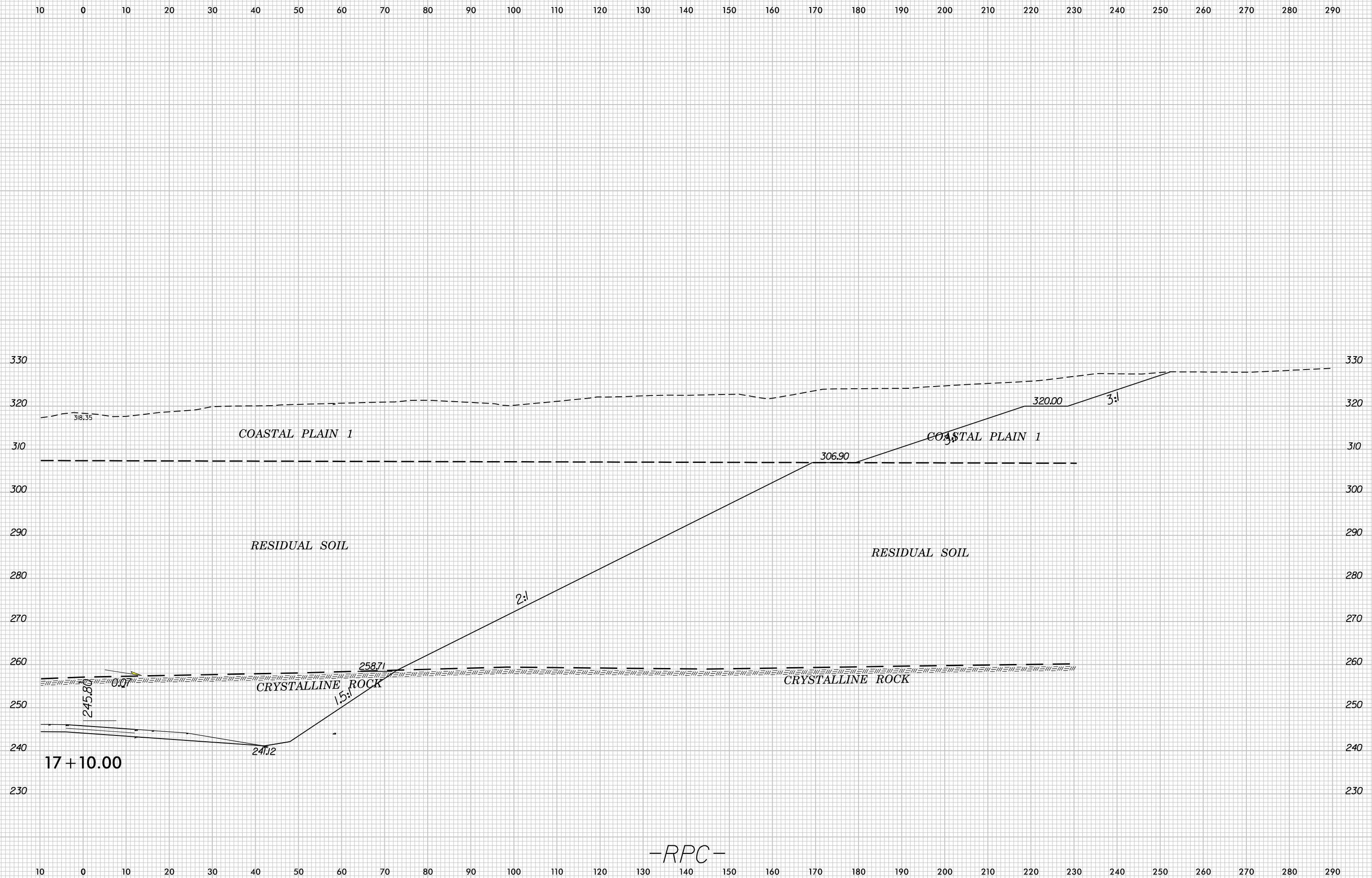
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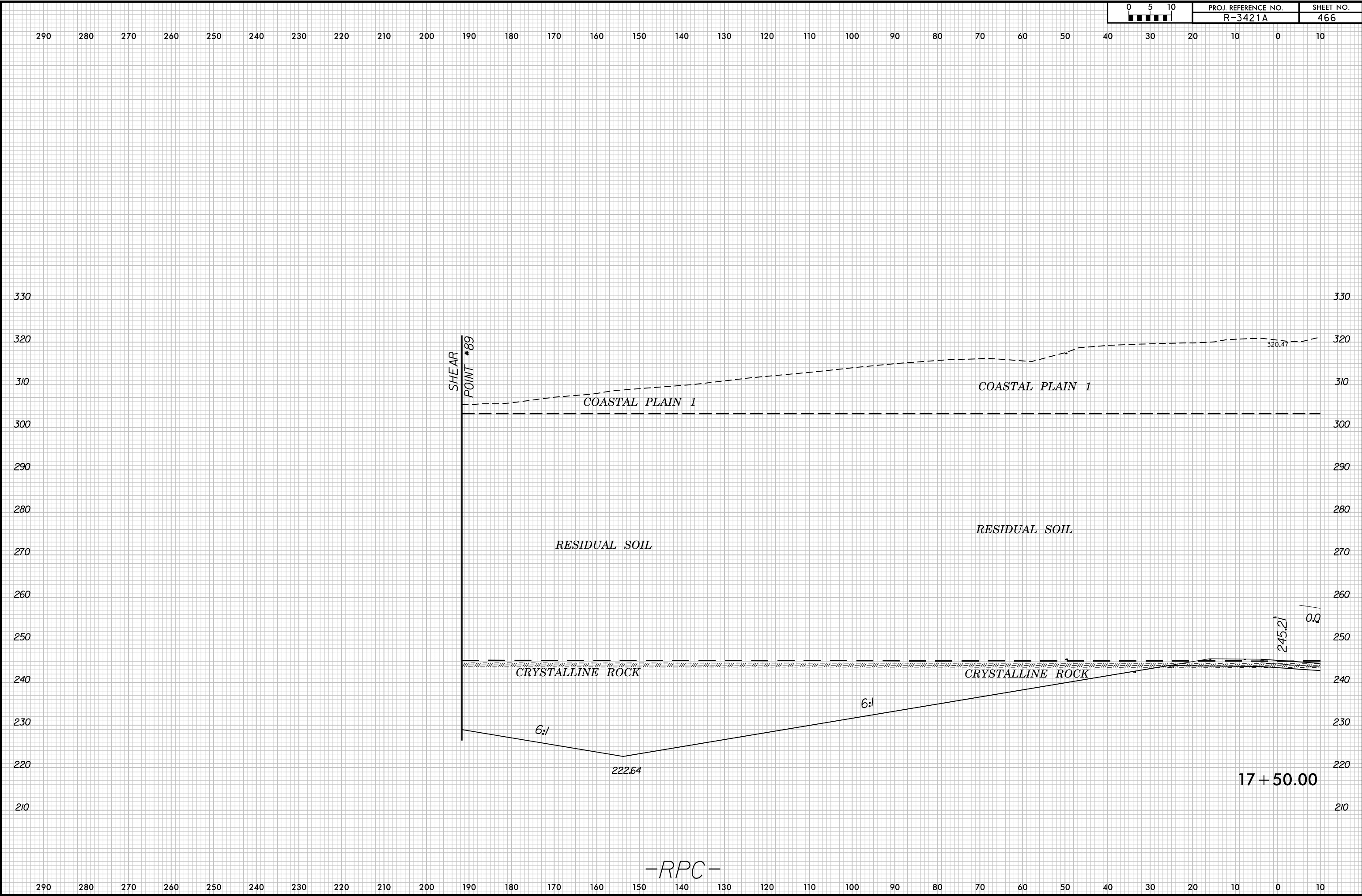
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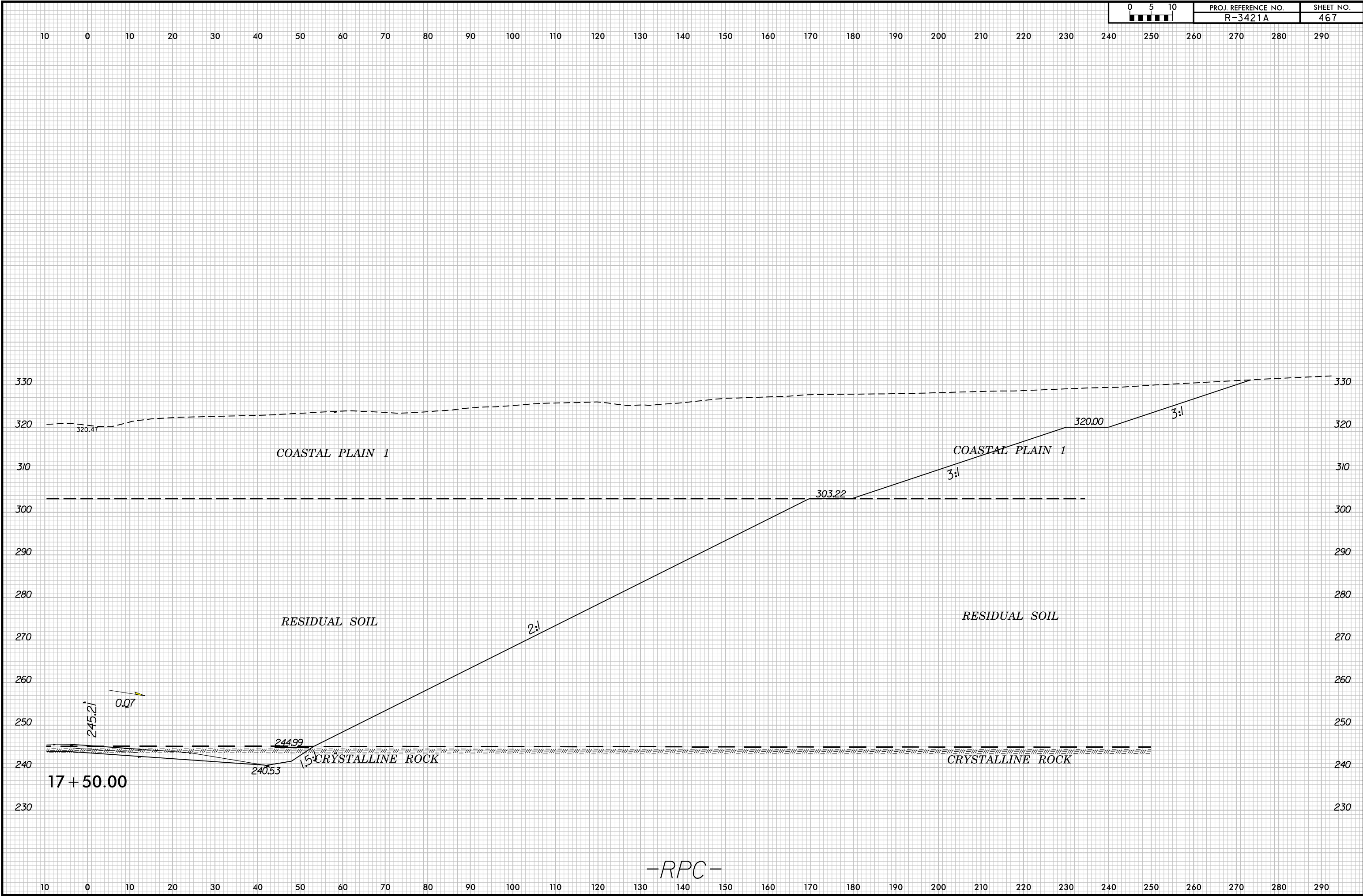


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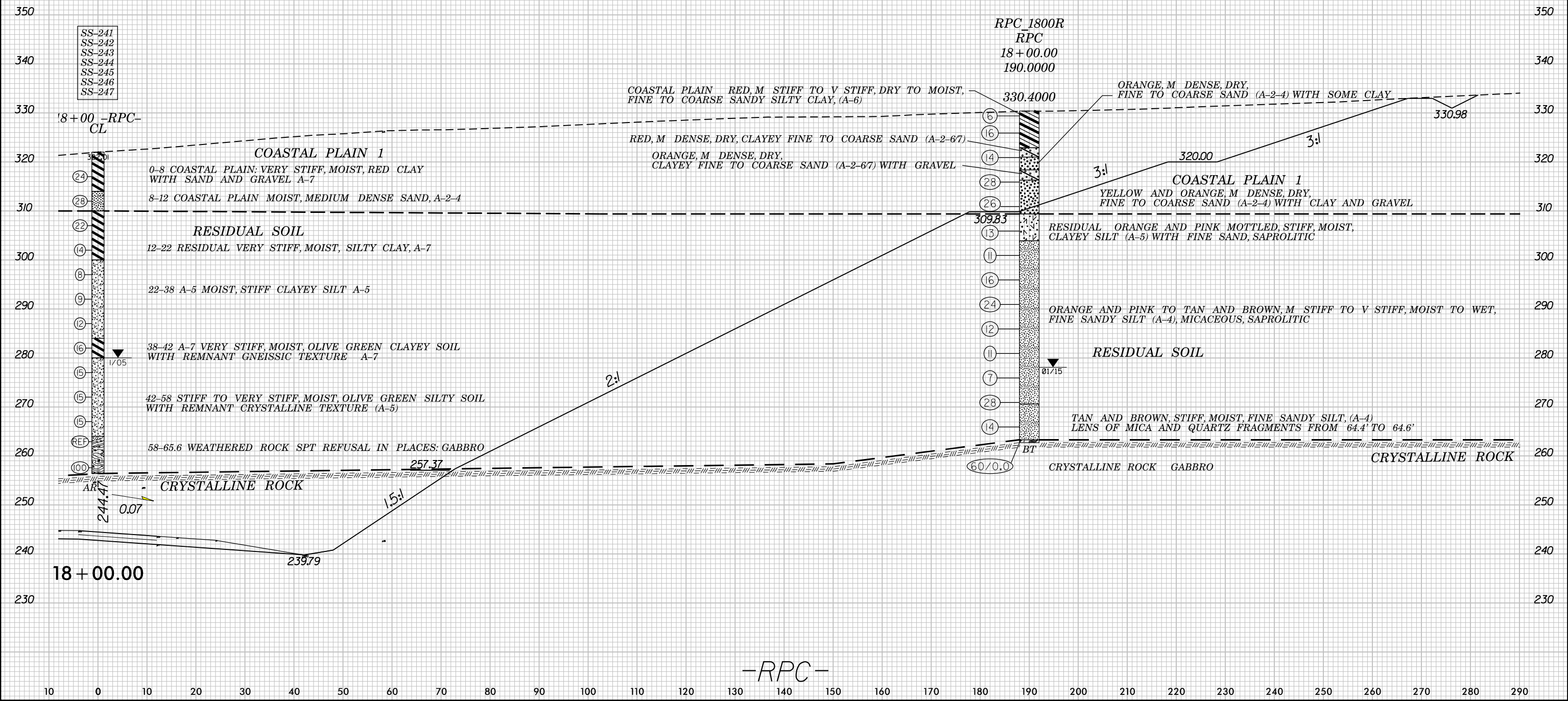




8/23/99

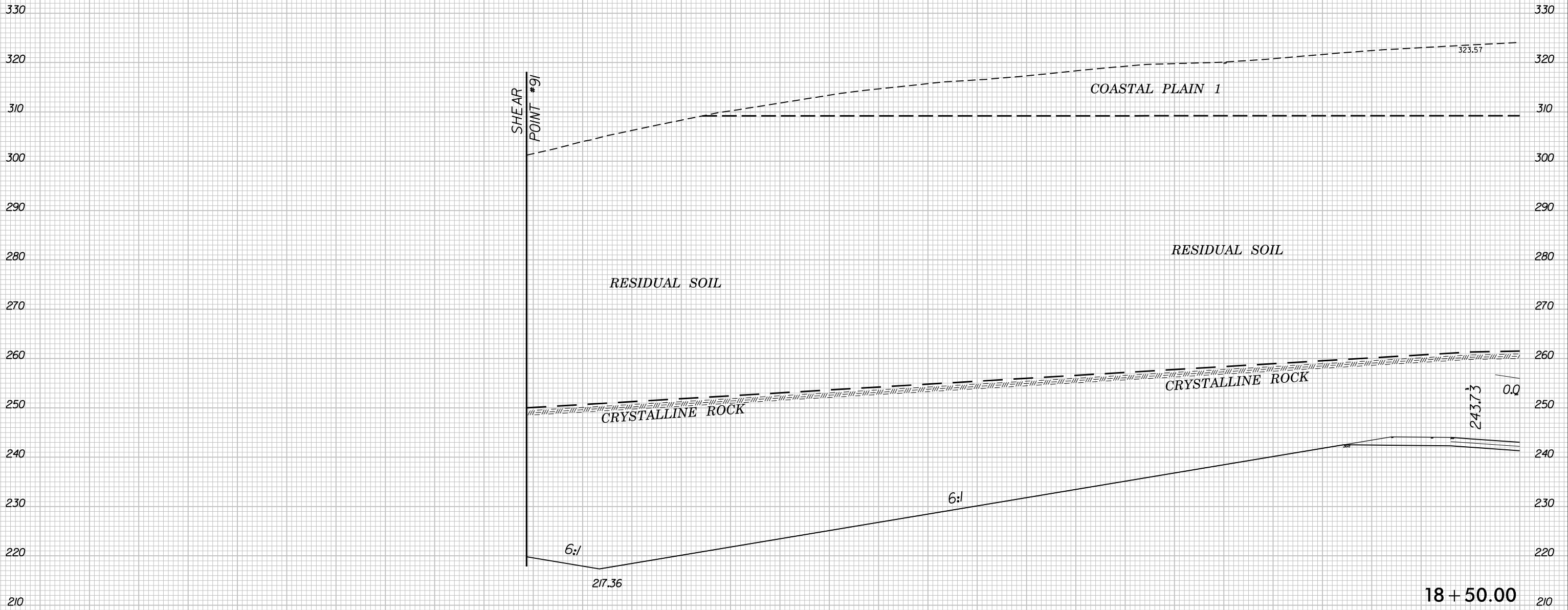
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	LL	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-241	CL	18+00	4.00-5.50	A-7-6(13)	60	37	38.7	13.3	3.5	44.4	97	71	48	-	-
SS-242	CL	18+00	9.00-10.50	A-2-4(0)	28	10	60.7	17.2	6.0	16.1	91	53	22	-	-
SS-243	CL	18+00	19.00-20.50	A-7-5(44)	82	39	3.6	10.9	20.9	64.6	100	98	89	-	-
SS-244	CL	18+00	19.00-20.10	A-7-5(19)	65	22	6.3	31.1	24.3	38.3	100	98	72	-	-
SS-245	CL	18+00	29.00-30.50	A-5(0)	48	NP	24.4	38.3	23.1	14.1	100	88	46	-	-
SS-246	CL	18+00	39.00-40.50	A-7-5(9)	53	12	10.9	33.3	31.6	24.2	100	96	64	-	-
SS-247	CL	18+00	49.00-50.50	A-5(0)	47	NP	18.4	37.3	32.2	12.1	99	89	52	-	-



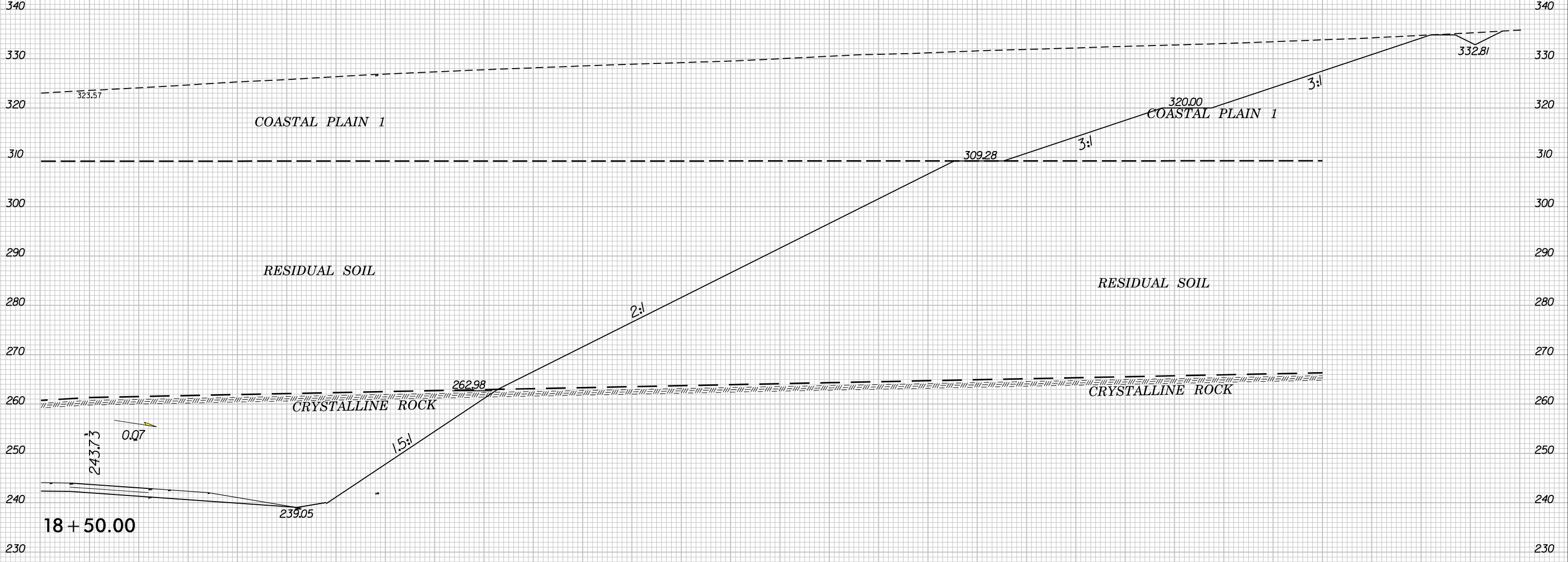
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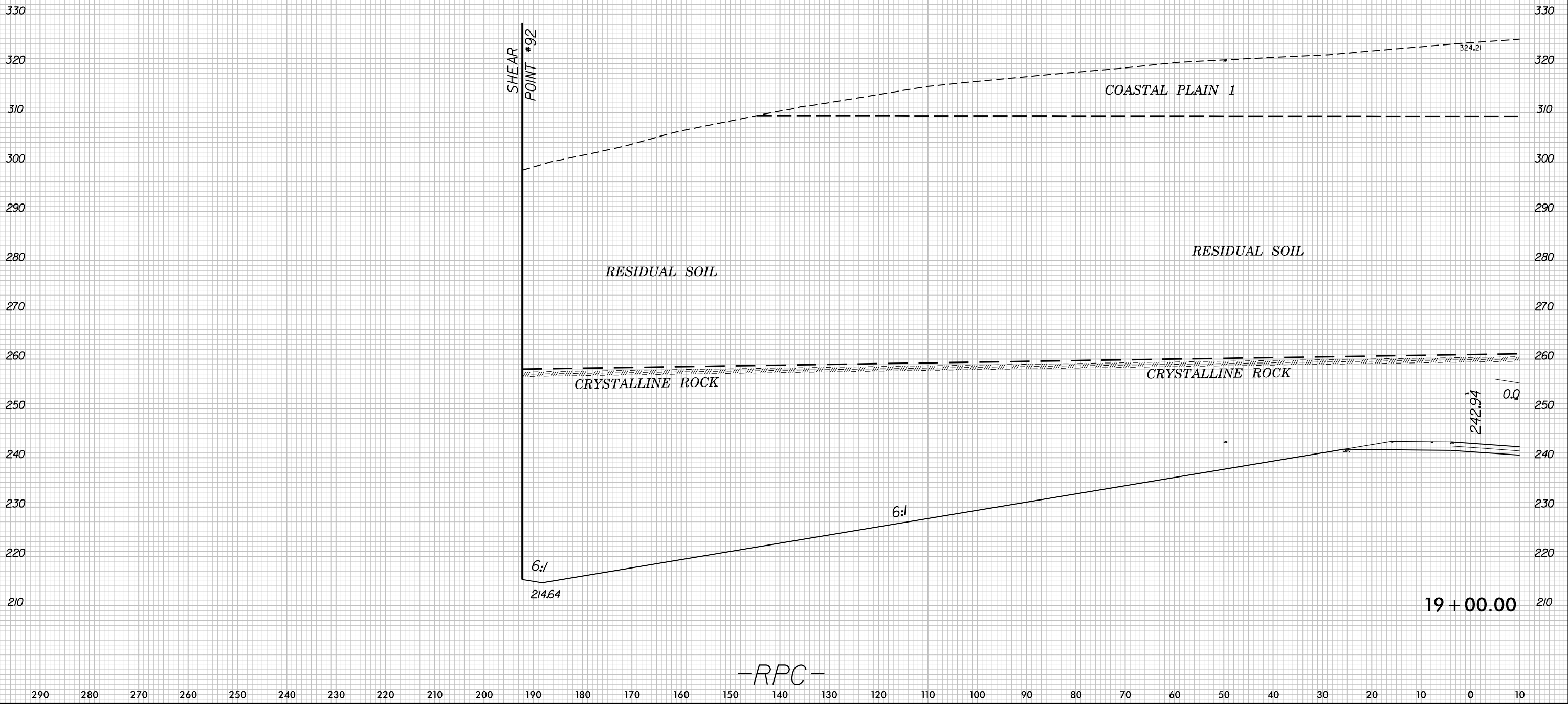
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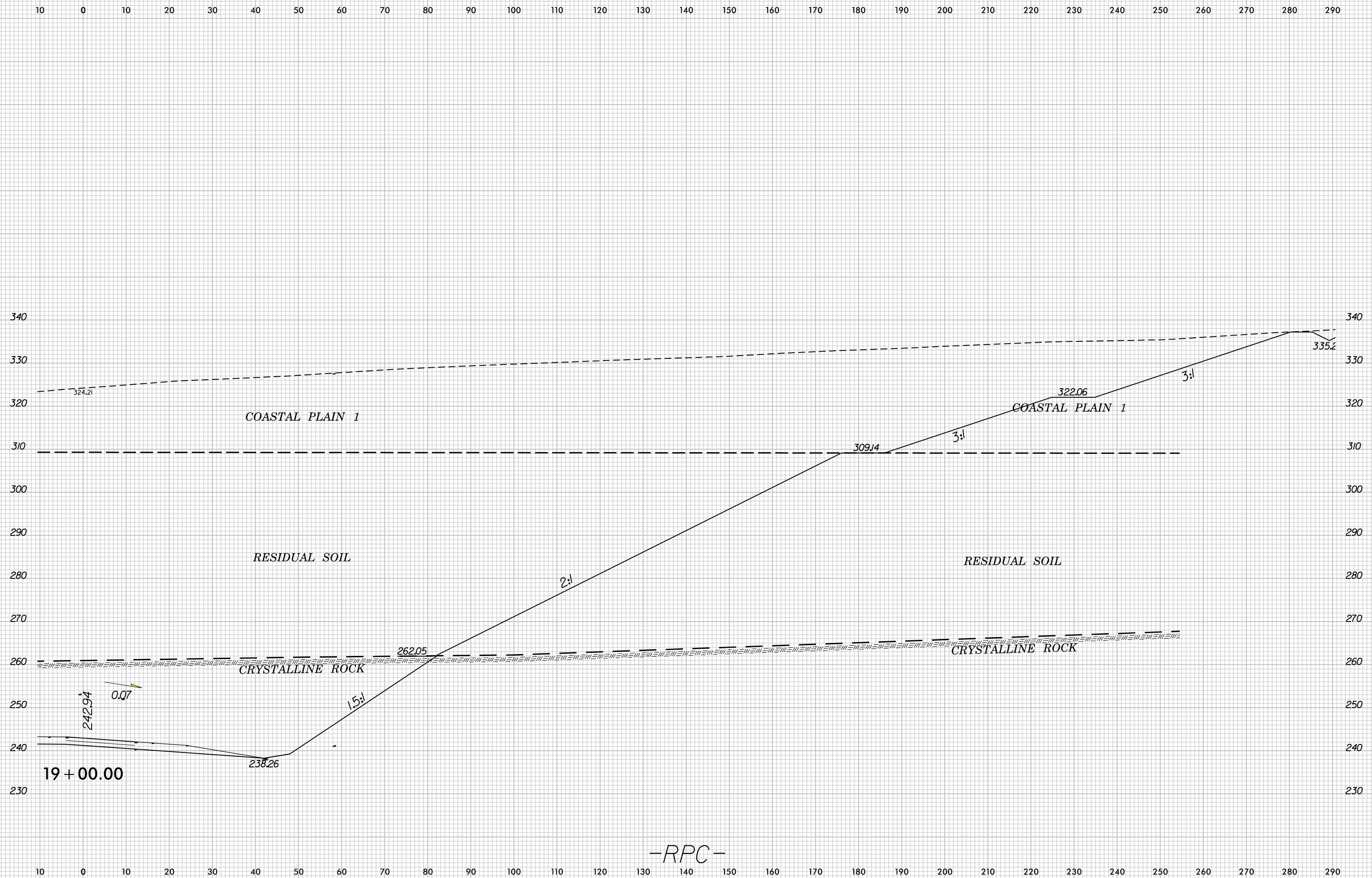


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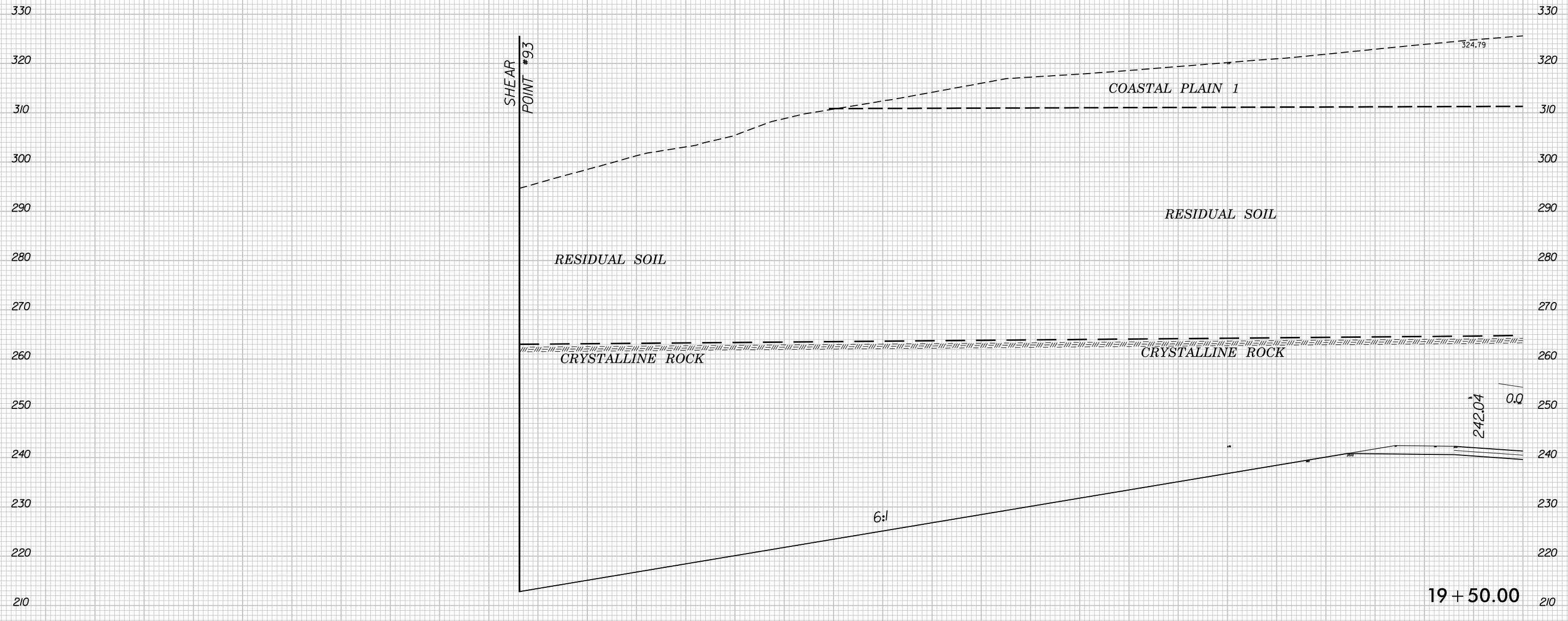


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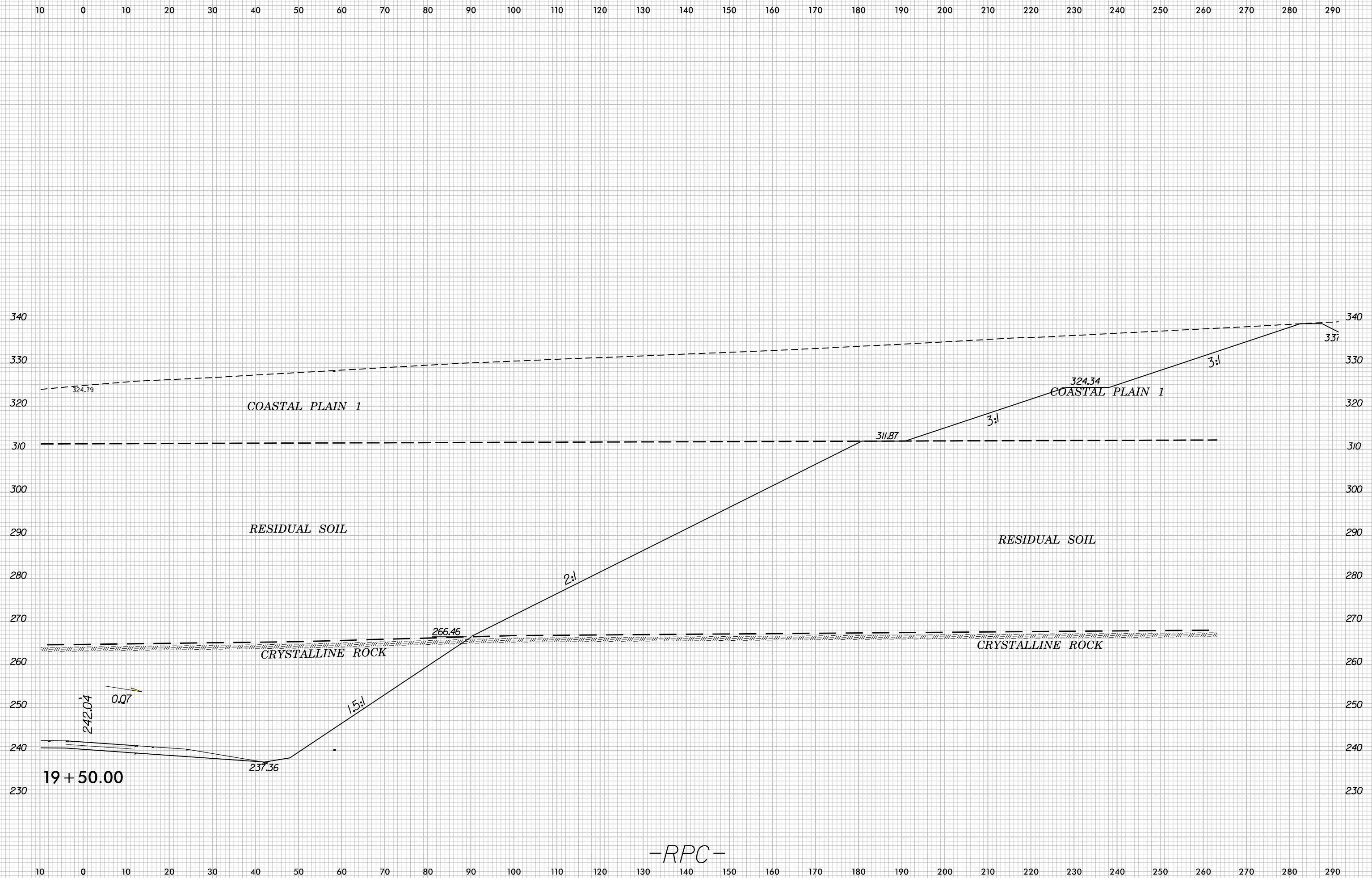


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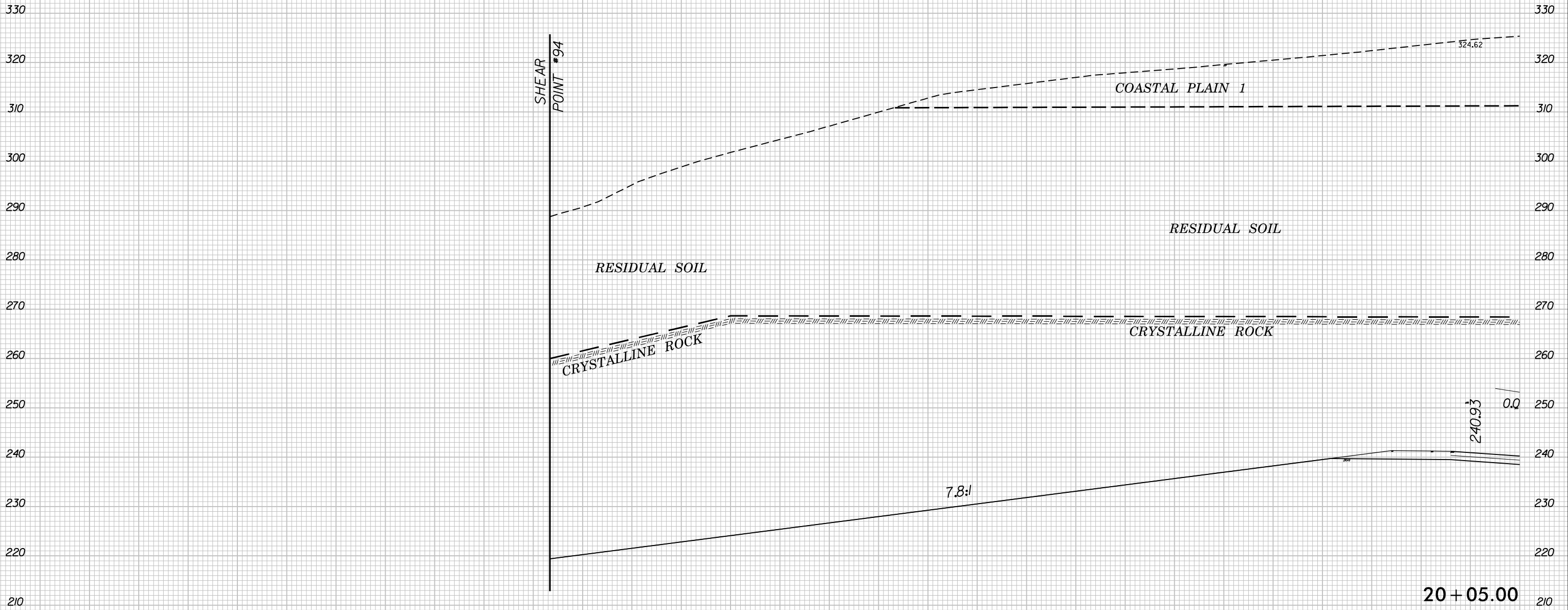


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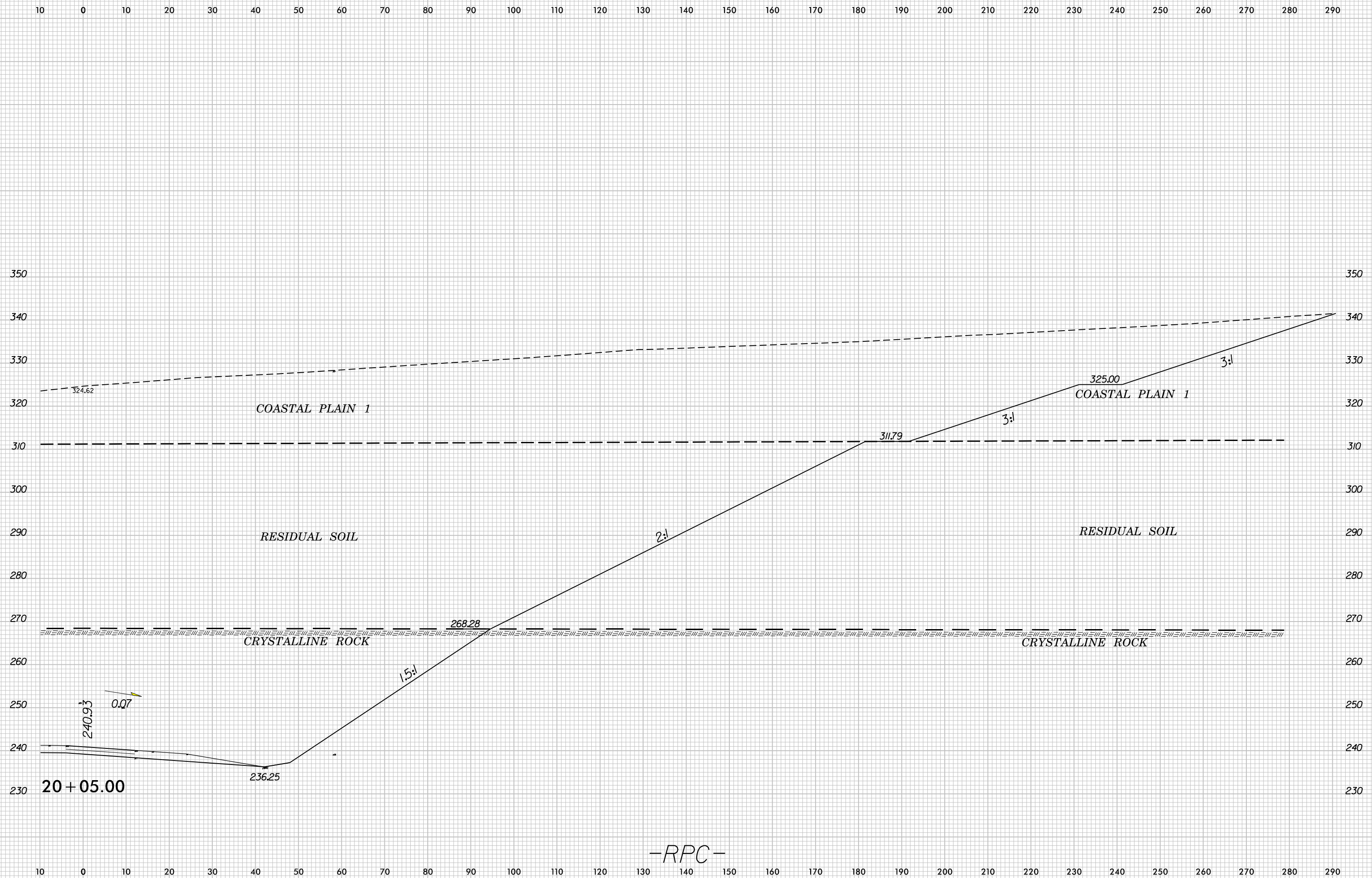
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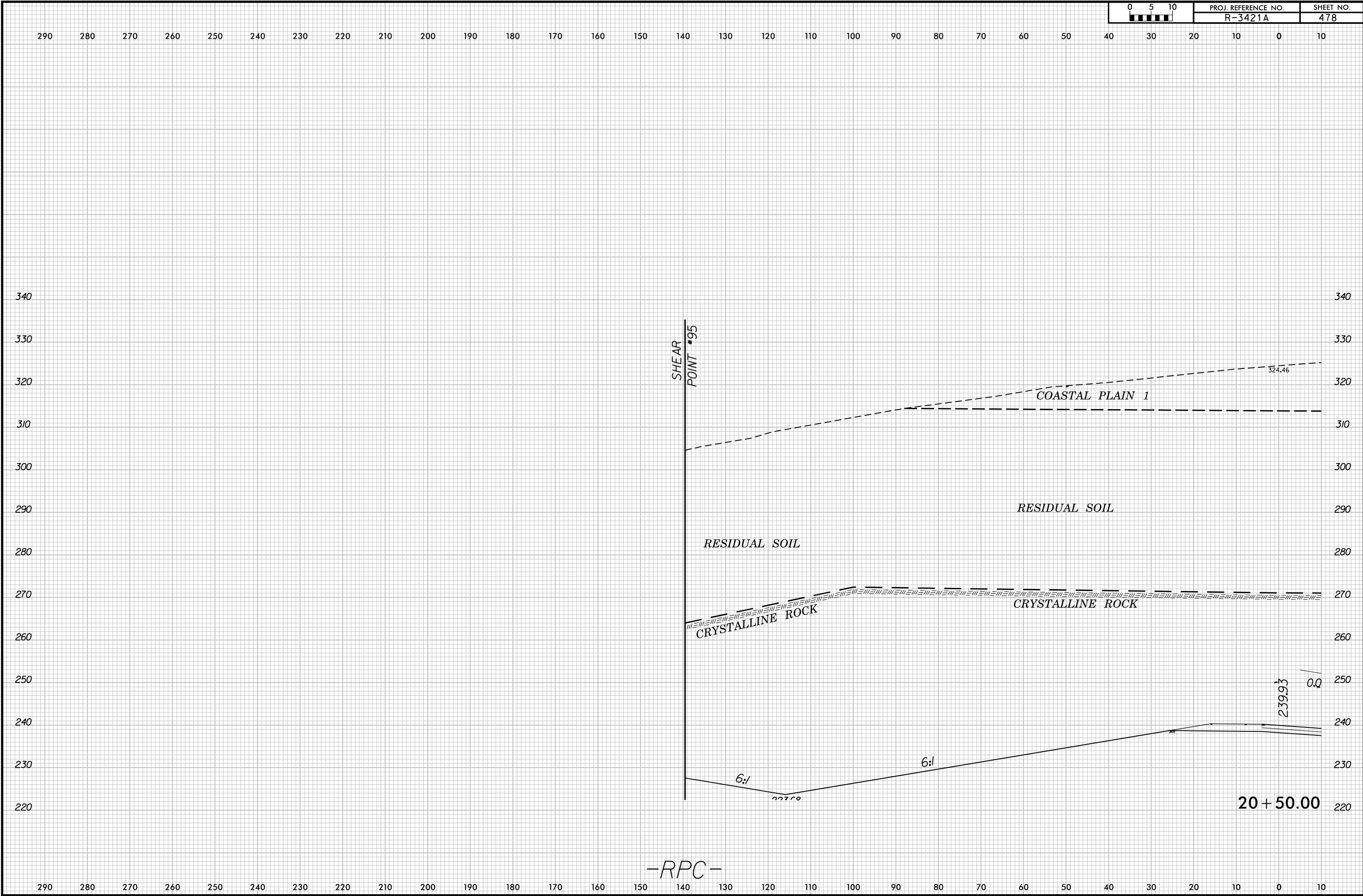


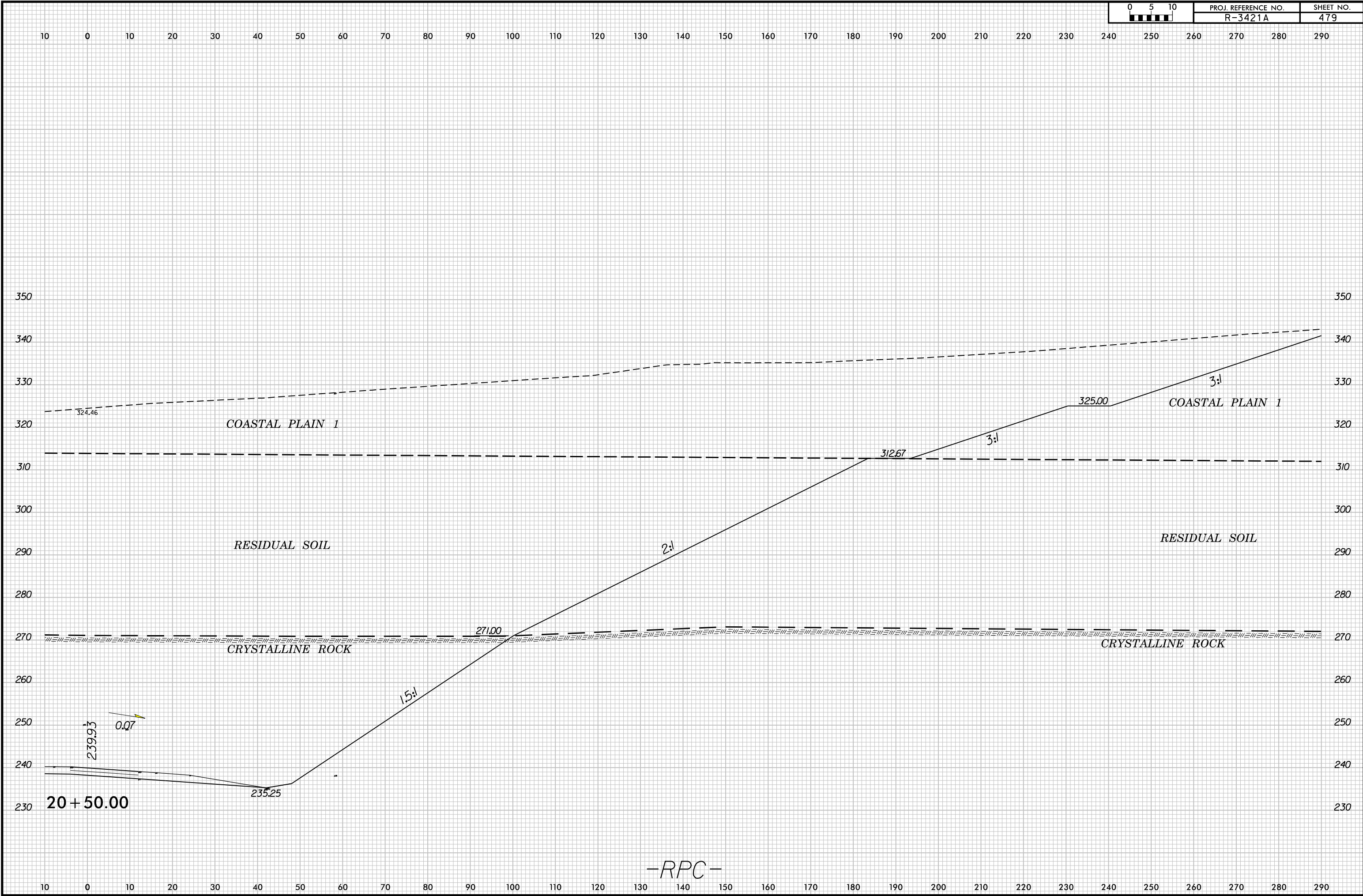
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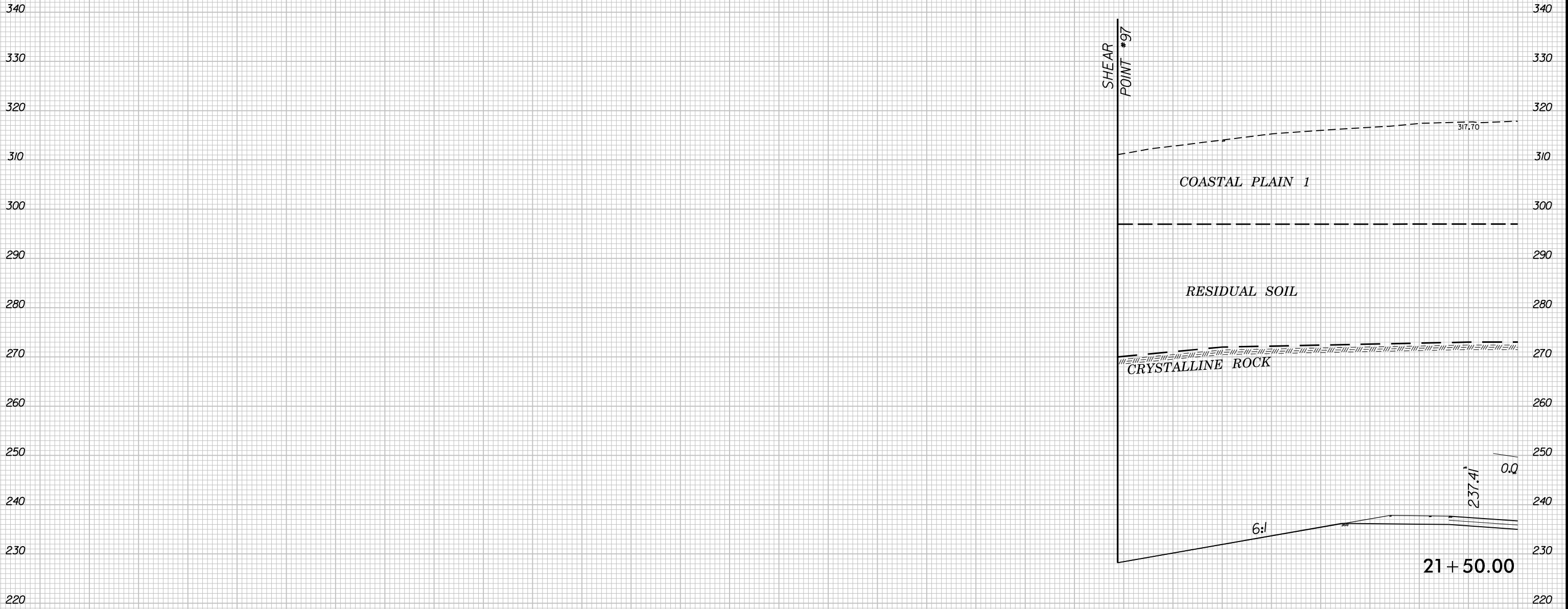
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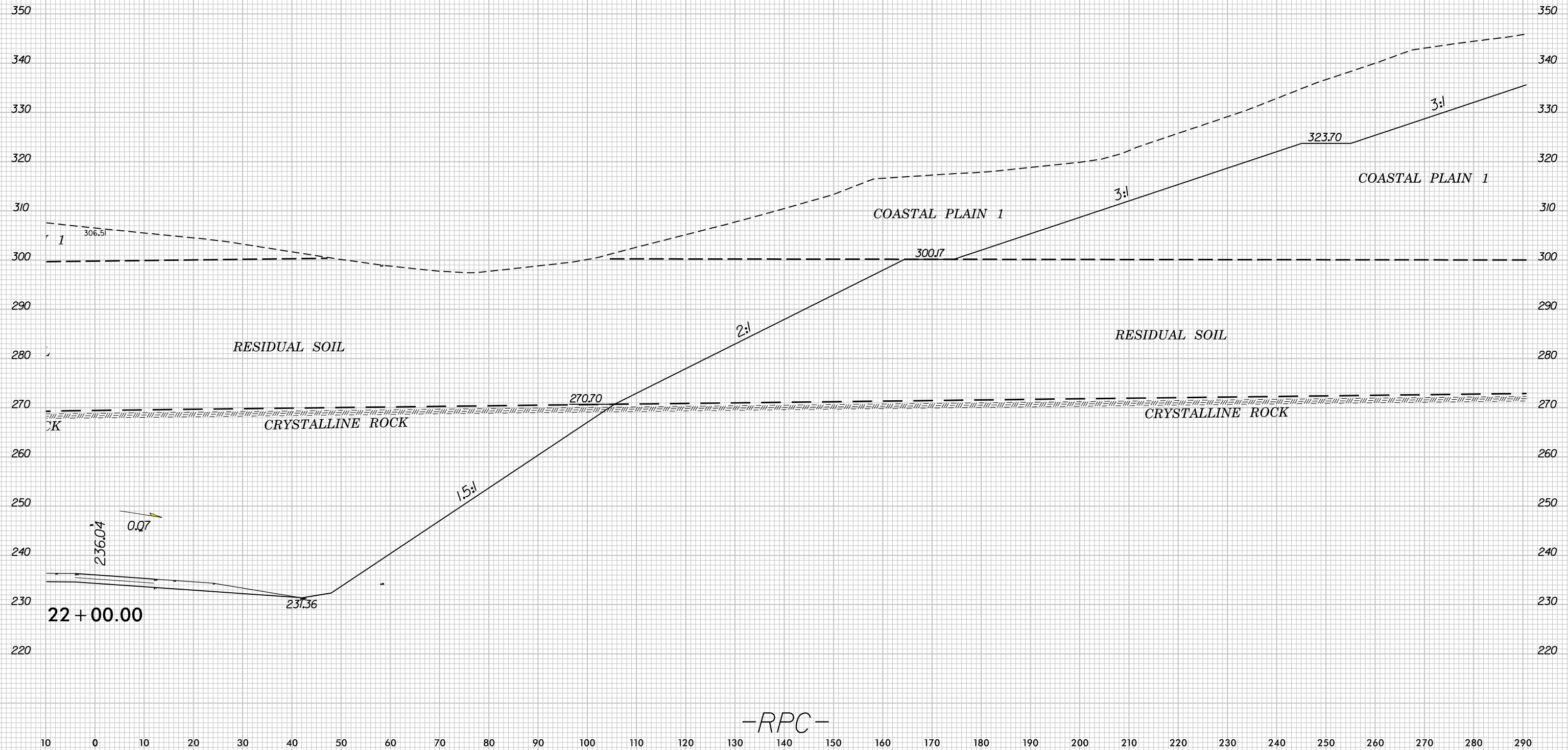
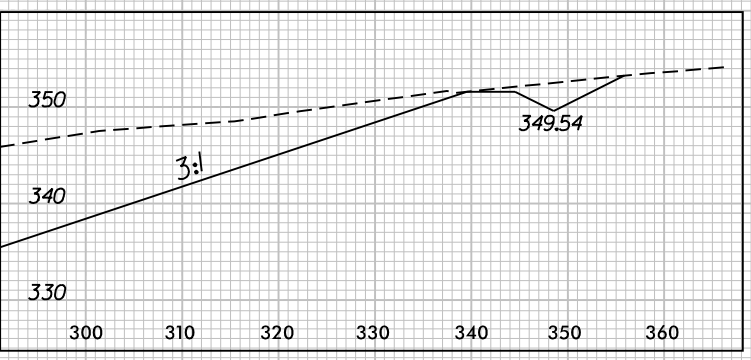
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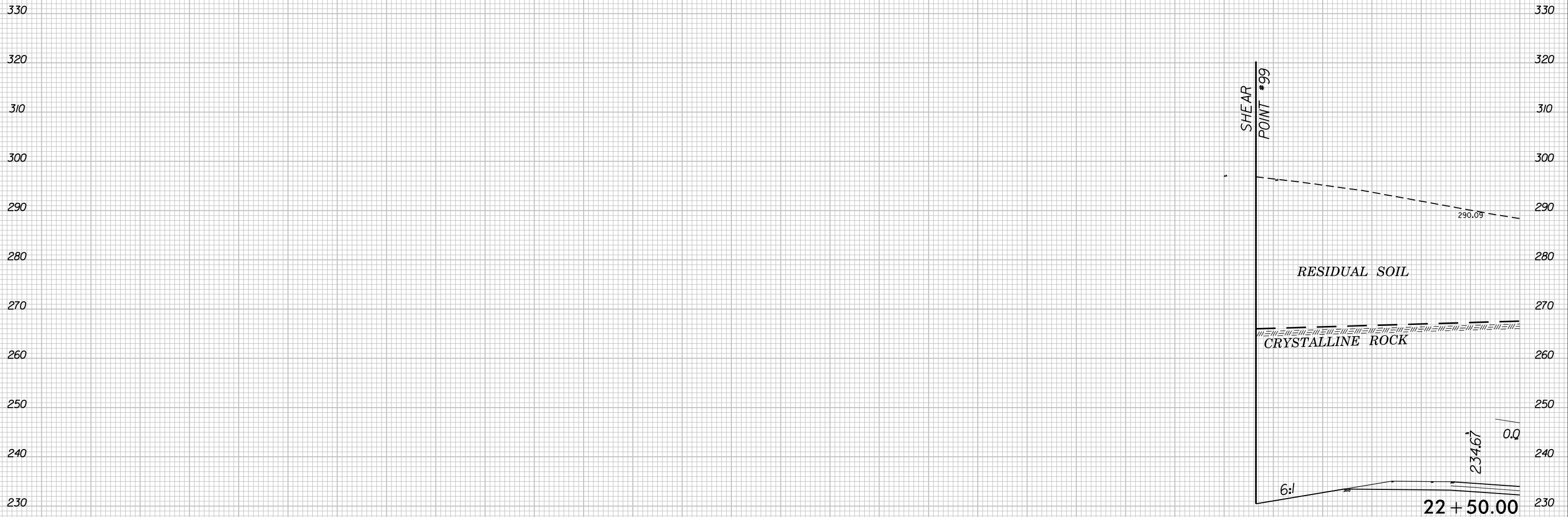
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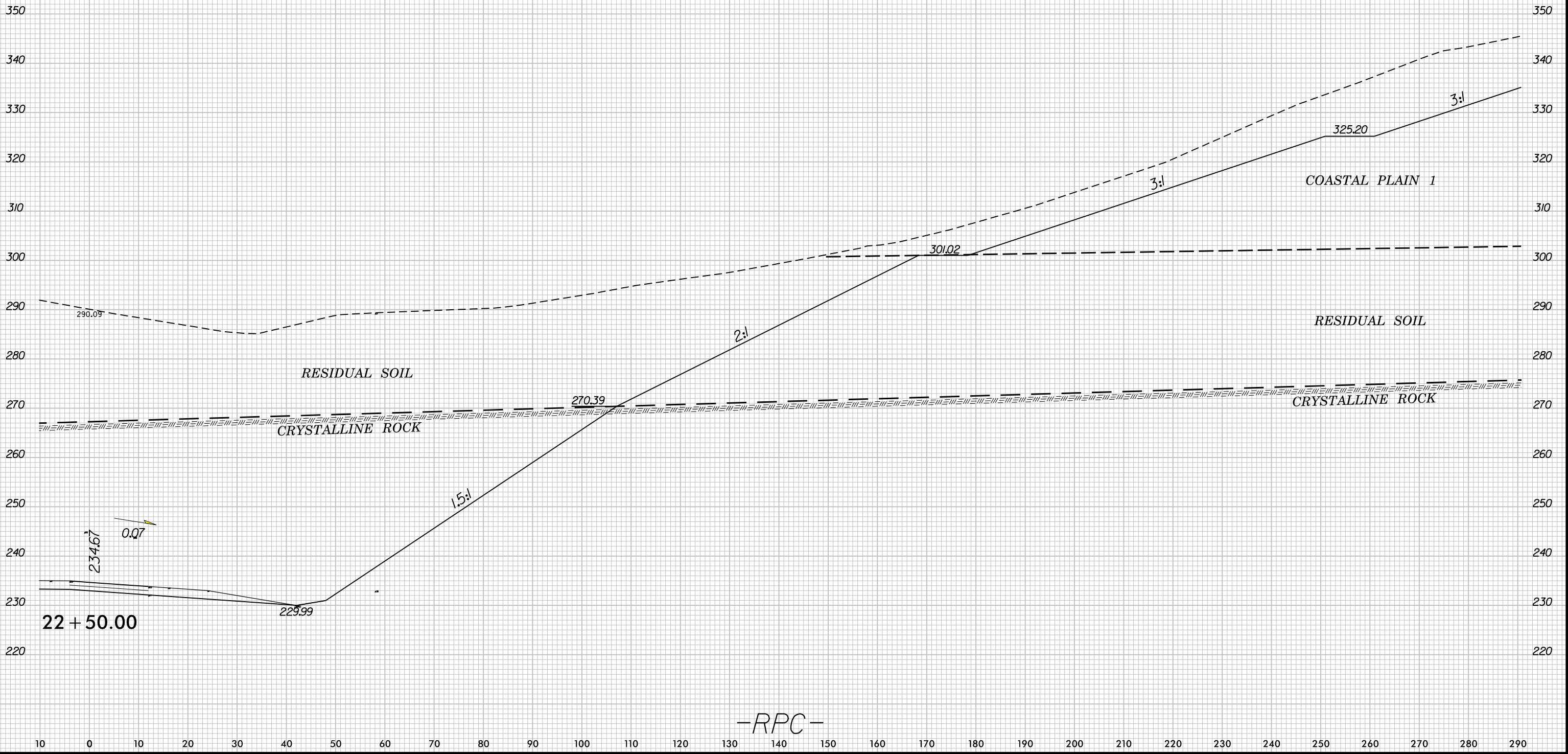
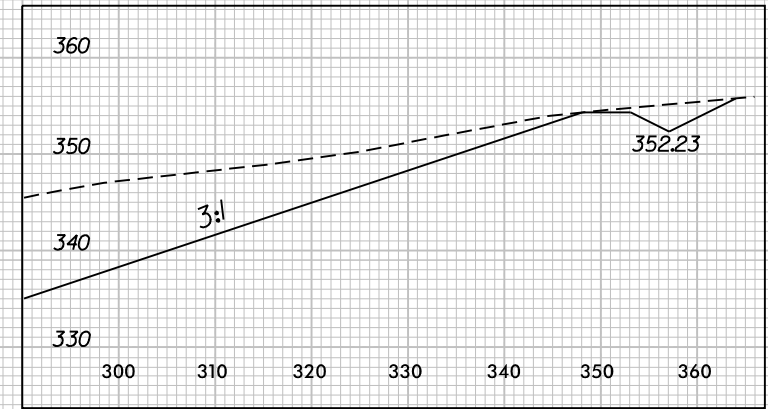
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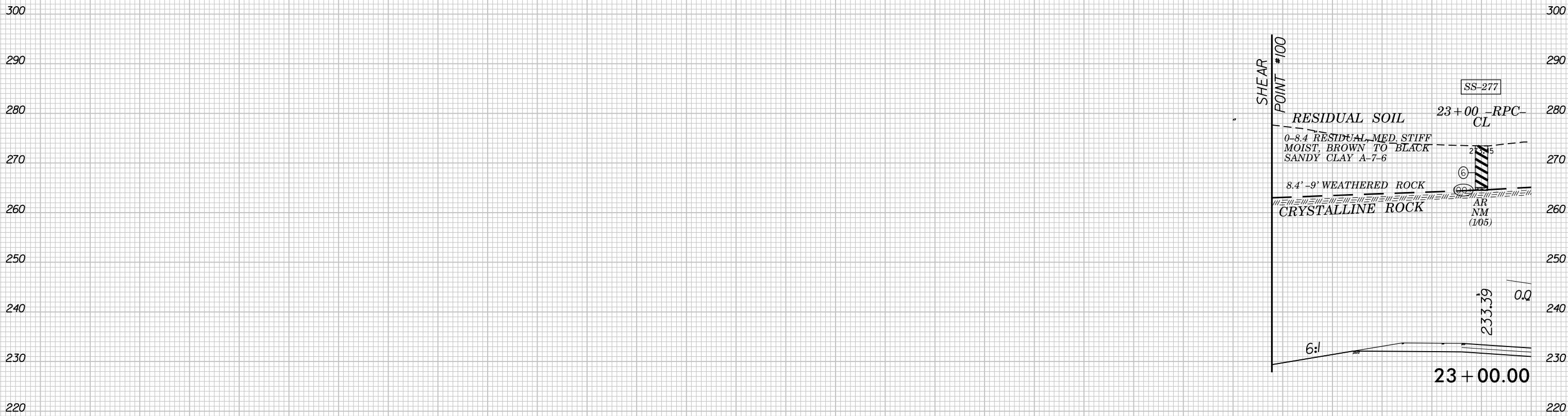
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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-277	CL	23+00	4.40-5.90	A-7-6(4)	41	20	46.5	12.2	8.7	32.5	96	63	41	-	-

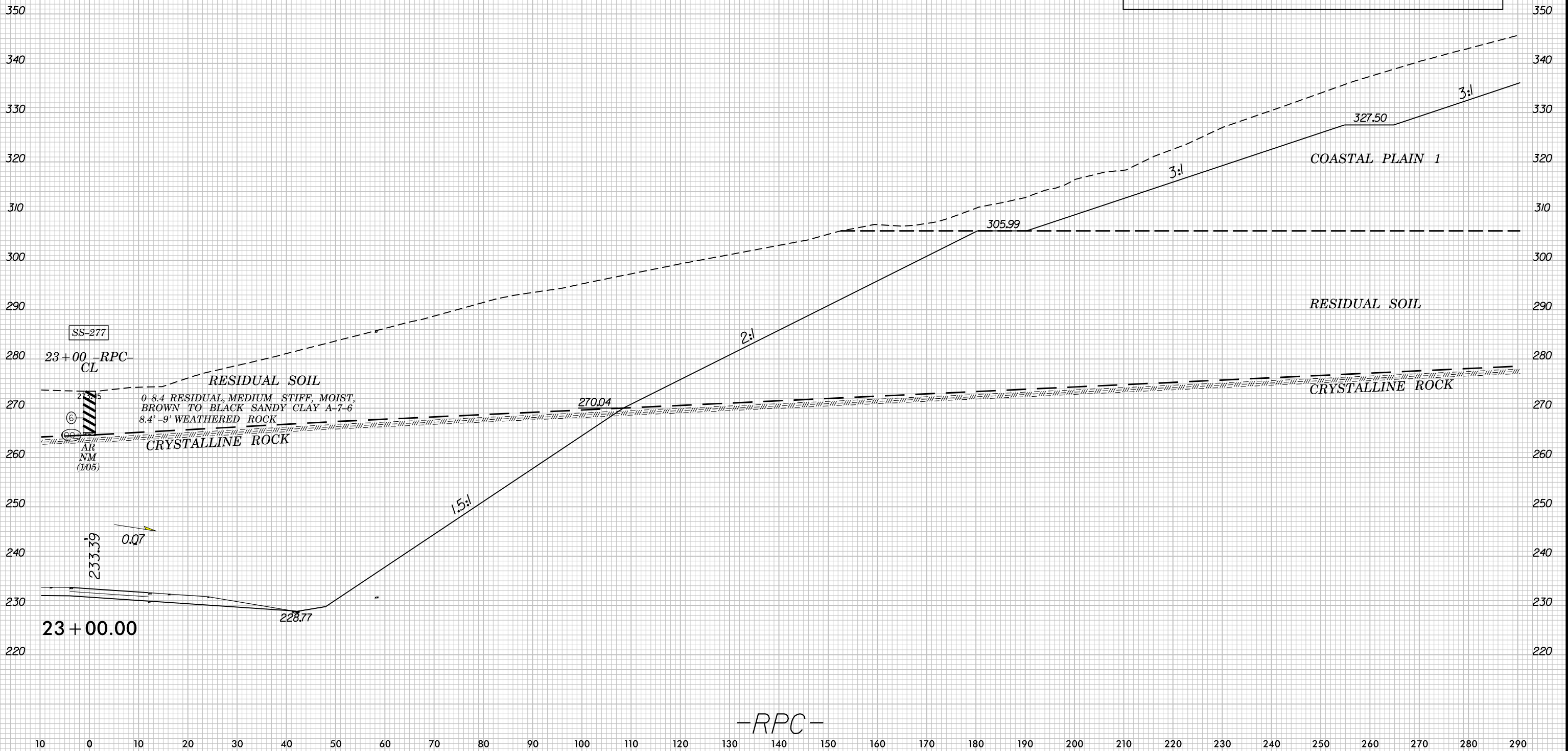
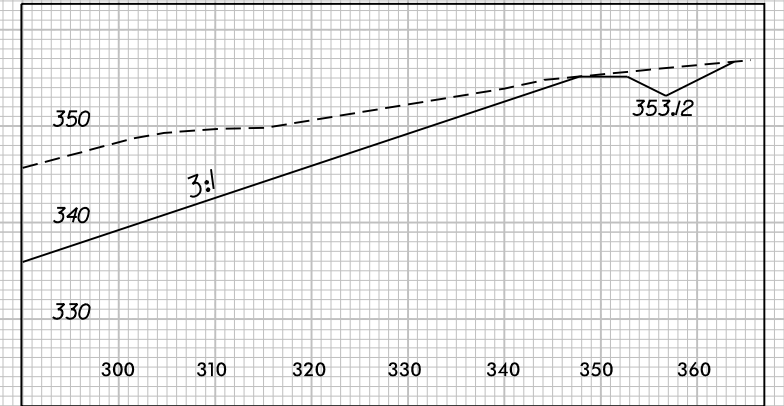


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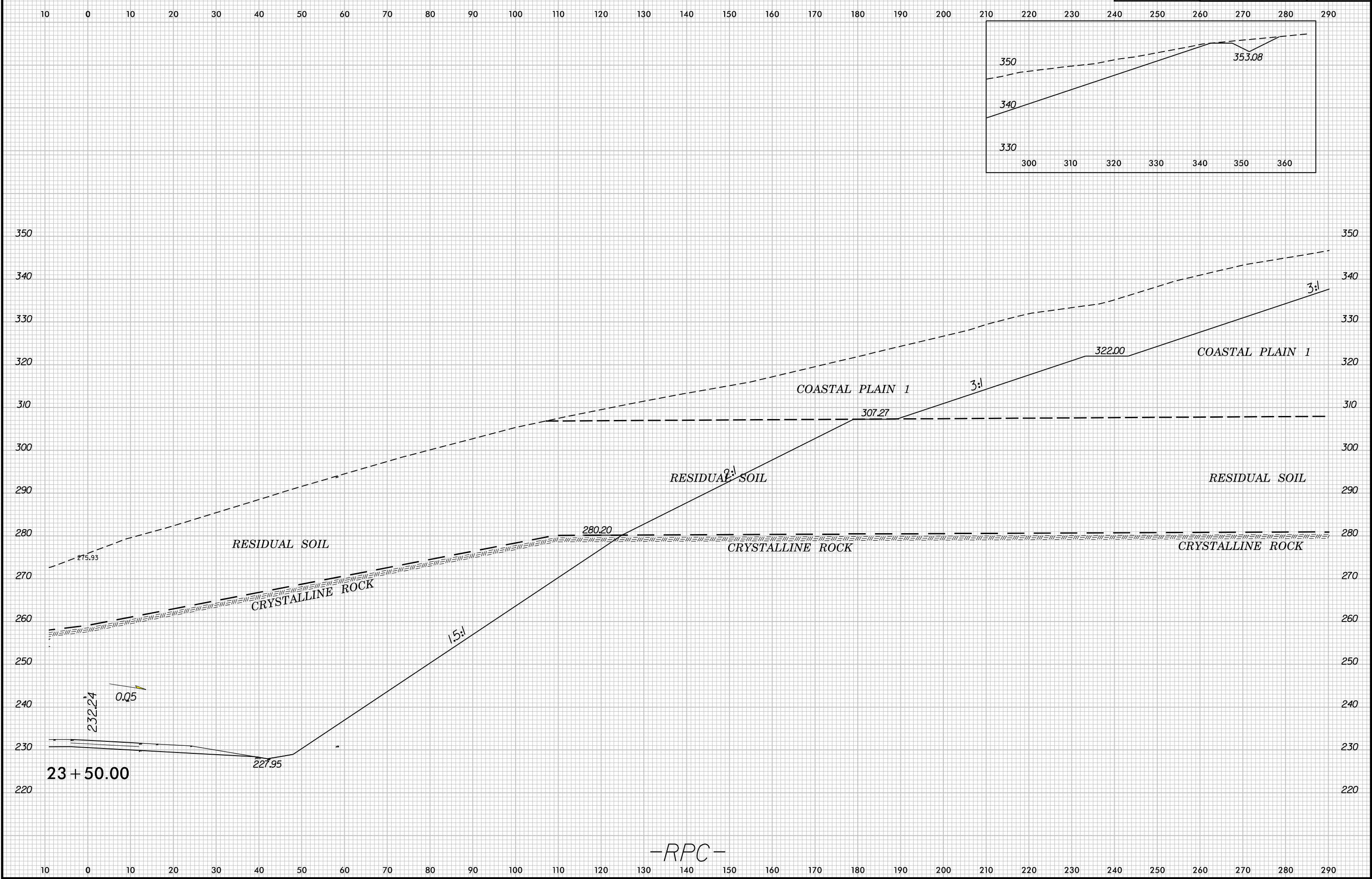
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-277	CL	23+00	4.40-5.90	A-7-6(4)	41	20	46.5	12.2	8.7	32.5	96	63	41	-	-



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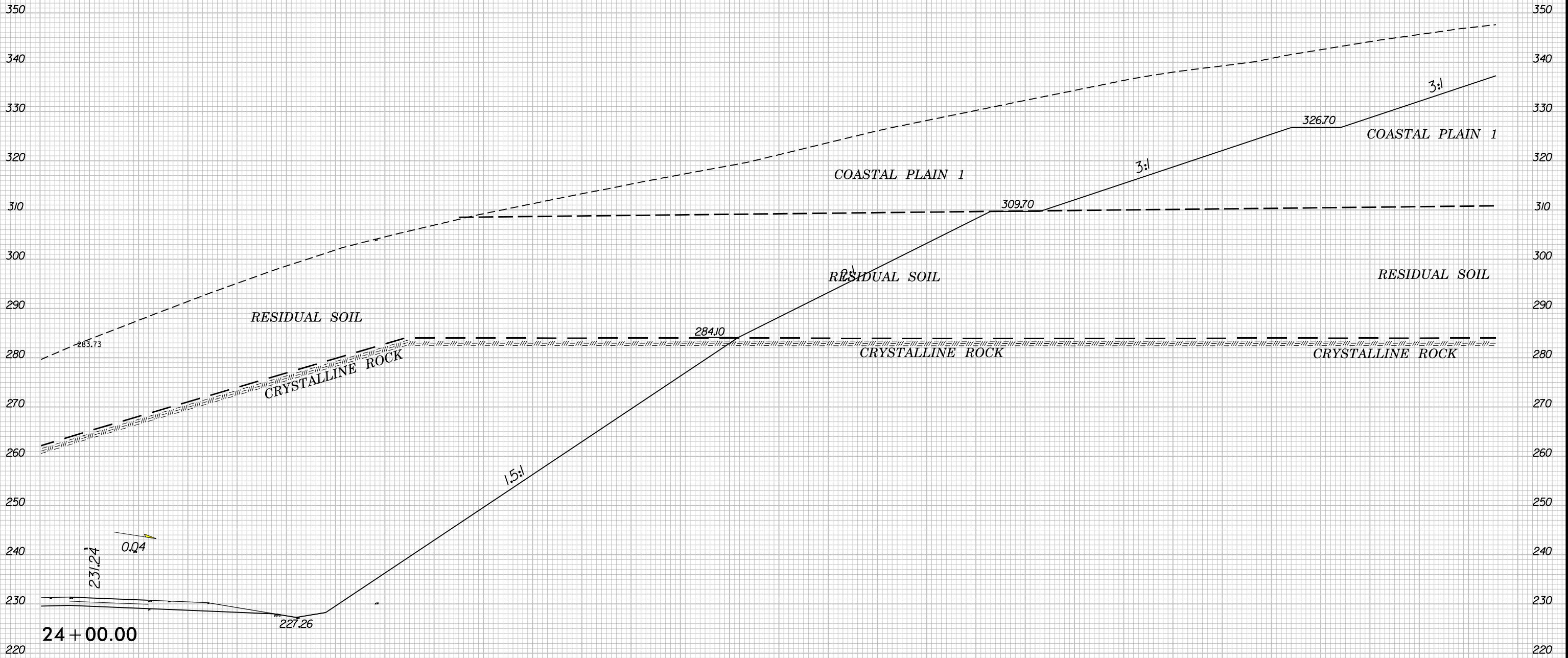
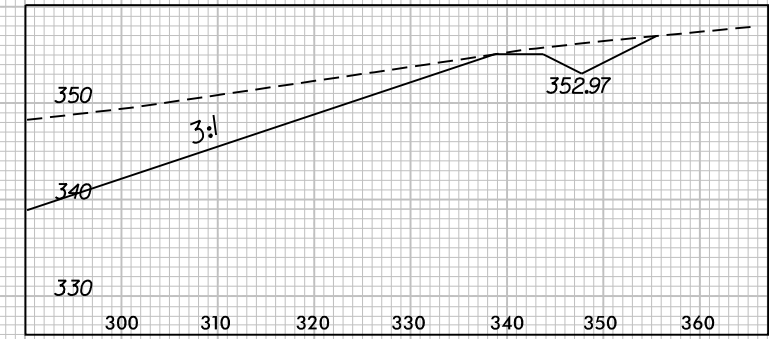
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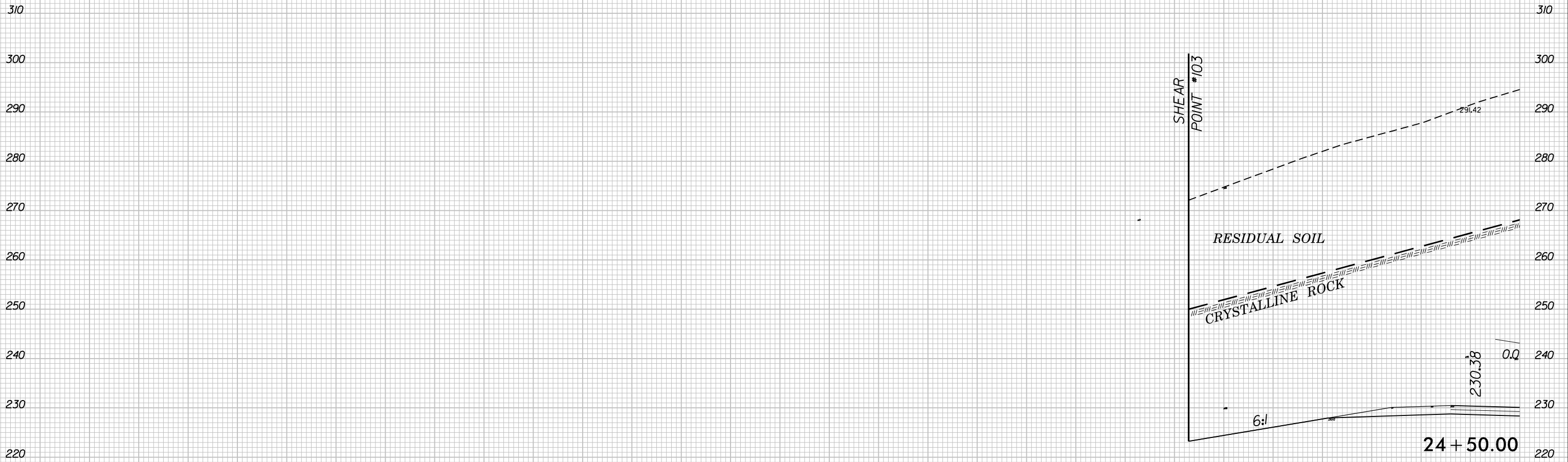
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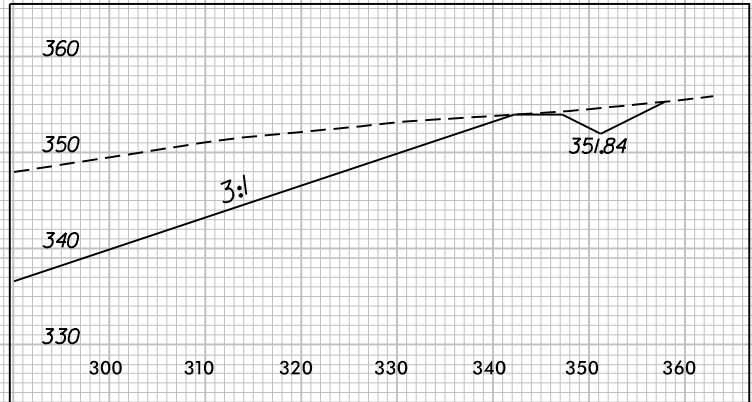
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8/23/99

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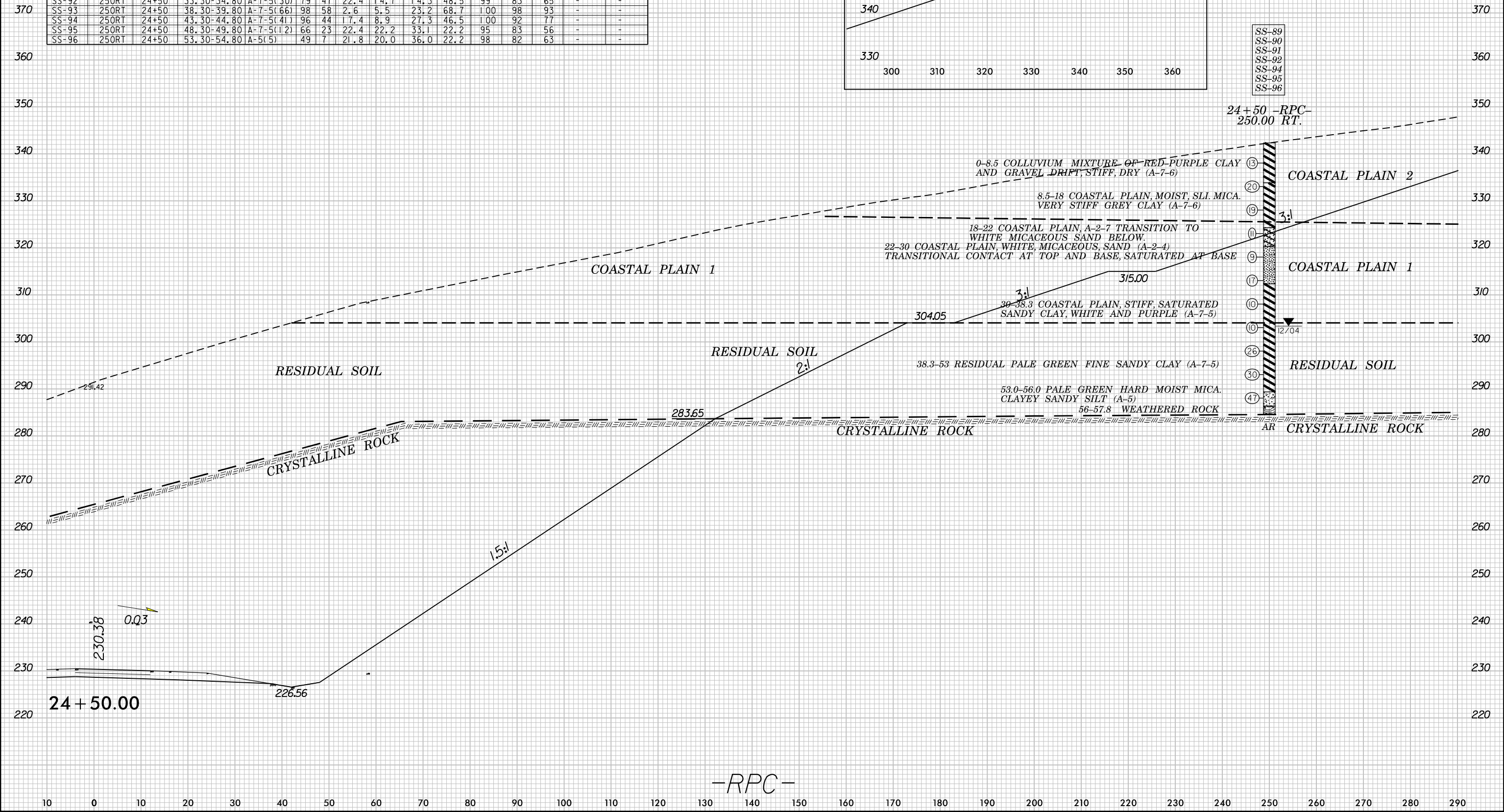
SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	LL	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-89	250RT	24+50	8.30-9.80	A-7-6(18)	50	30	14.7	22.2	18.6	44.4	100	91	66	-	-
SS-90	250RT	24+50	18.30-19.80	A-2-7(3)	66	40	65.5	7.6	0.8	26.1	94	45	26	-	-
SS-91	250RT	24+50	23.30-24.80	A-2-4(0)	32	9	61.4	22.4	4.0	12.1	94	52	15	-	-
SS-92	250RT	24+50	33.30-34.80	A-7-5(30)	79	47	22.4	14.7	14.3	48.5	99	83	65	-	-
SS-93	250RT	24+50	38.30-39.80	A-7-5(66)	98	58	2.6	5.5	23.2	68.7	100	98	93	-	-
SS-94	250RT	24+50	43.30-44.80	A-7-5(41)	96	44	17.4	8.9	27.3	46.5	100	92	77	-	-
SS-95	250RT	24+50	48.30-49.80	A-7-5(12)	66	23	22.4	22.2	33.1	22.2	95	83	56	-	-
SS-96	250RT	24+50	53.30-54.80	A-5(5)	49	7	21.8	20.0	36.0	22.2	98	82	63	-	-



- SS-89
- SS-90
- SS-91
- SS-92
- SS-94
- SS-95
- SS-96

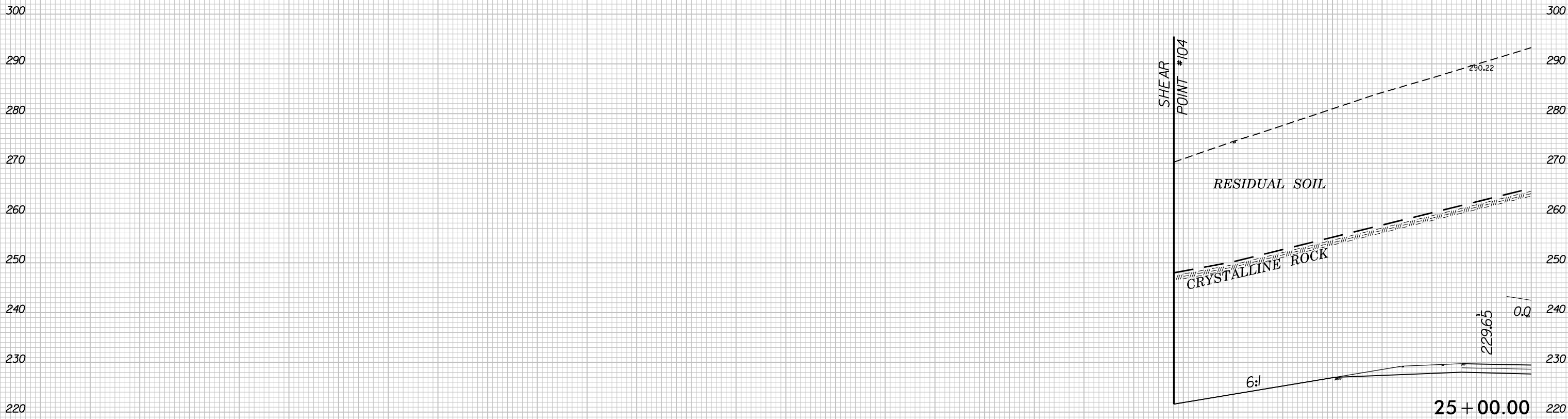
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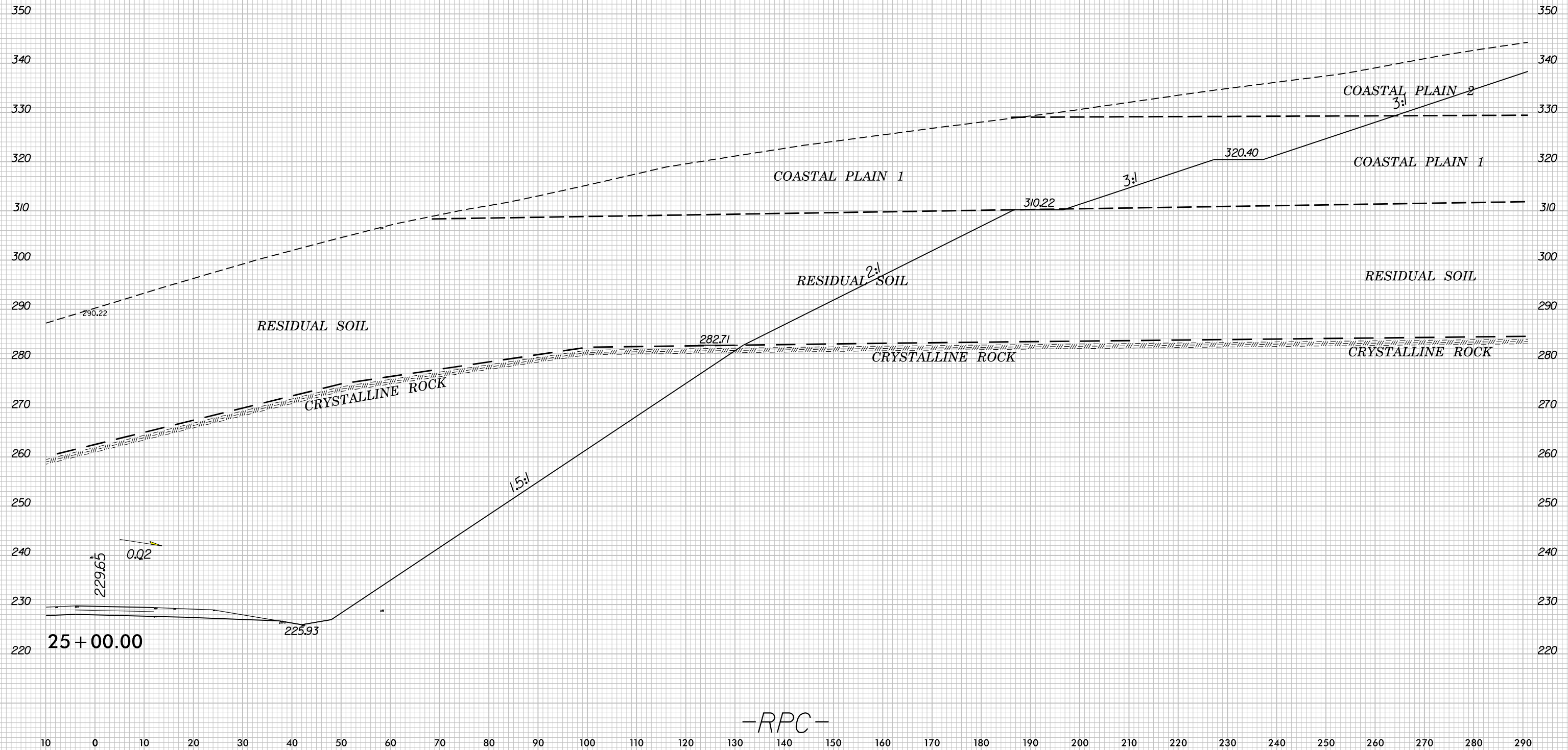
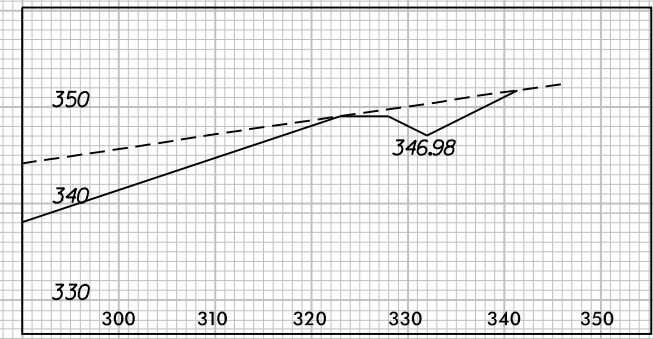
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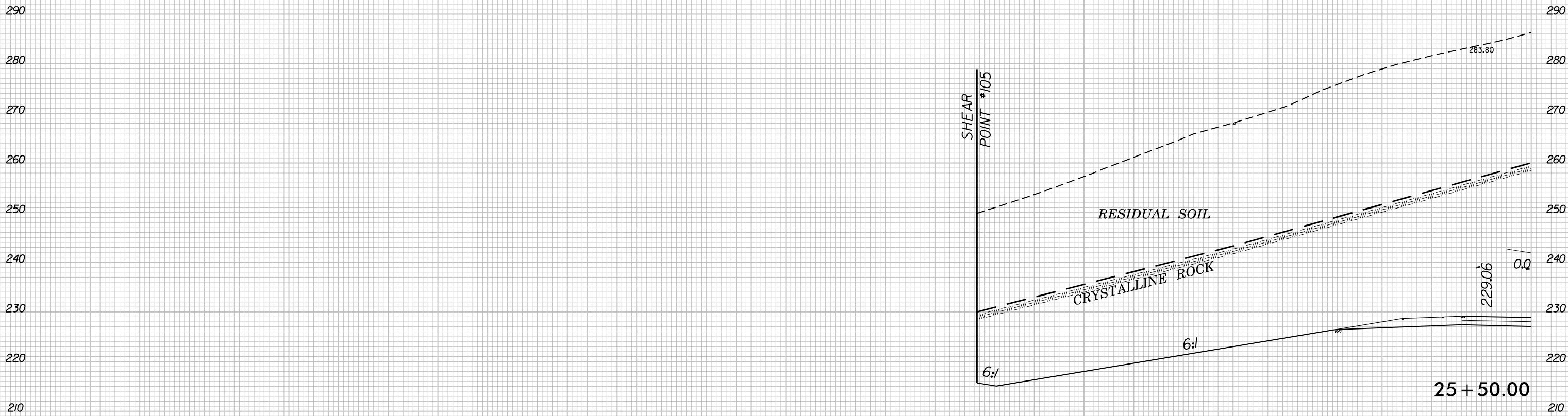
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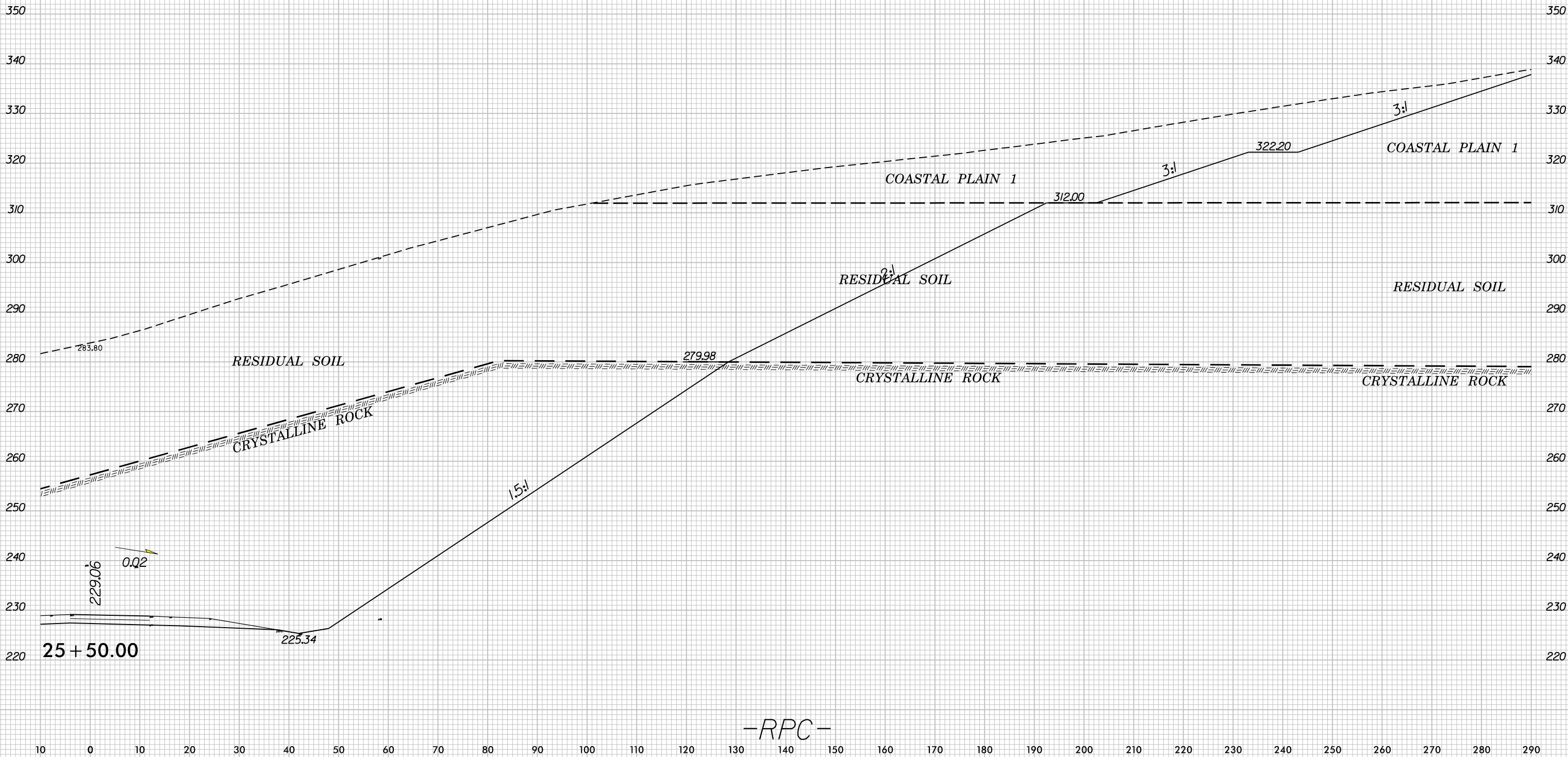
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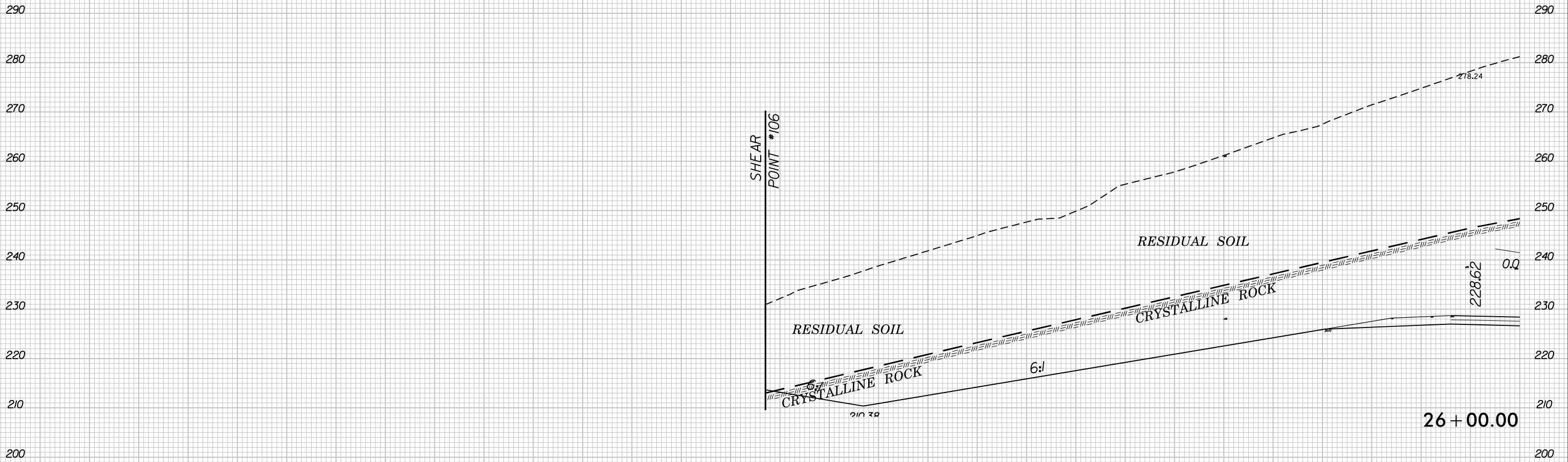
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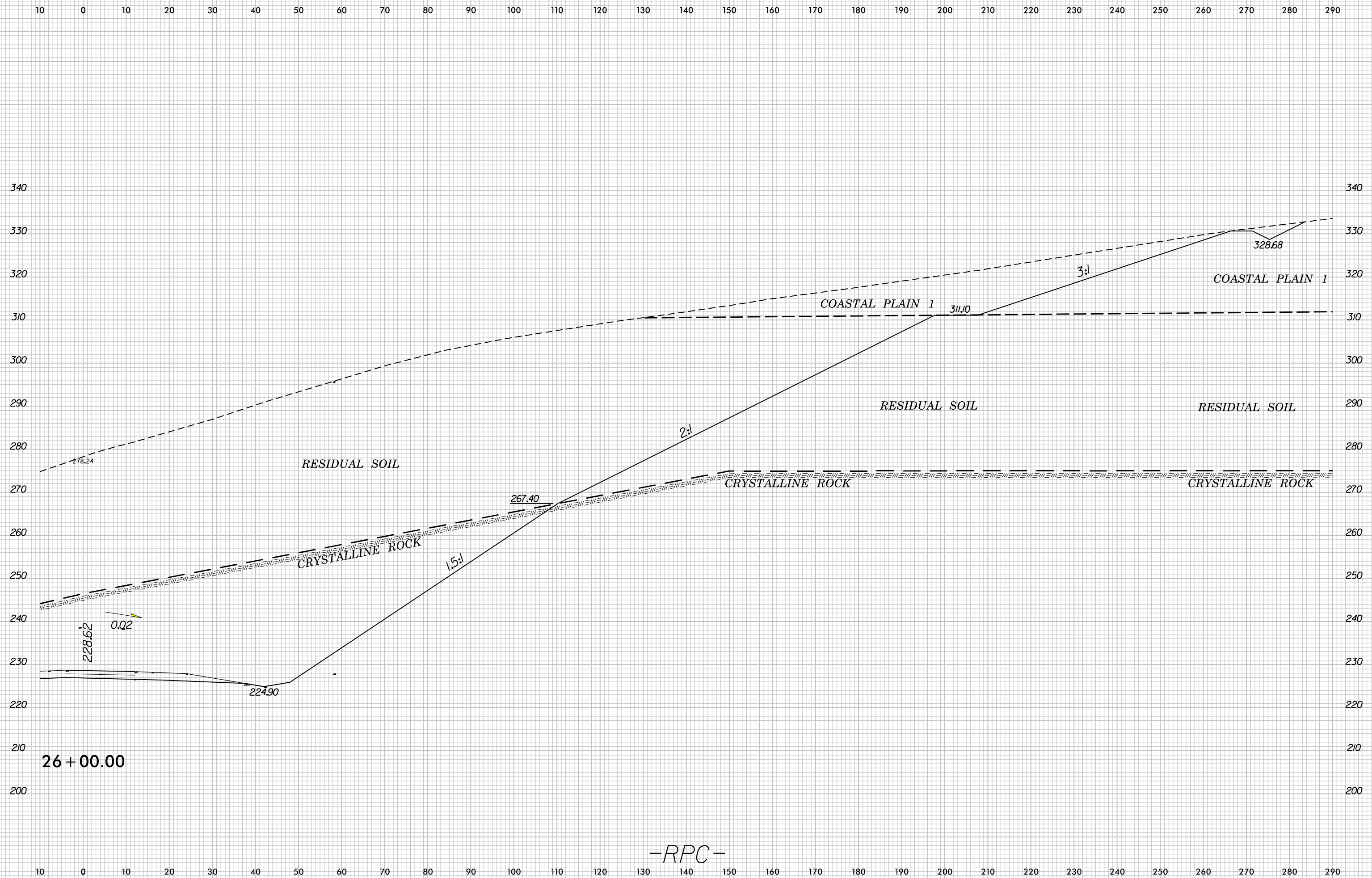


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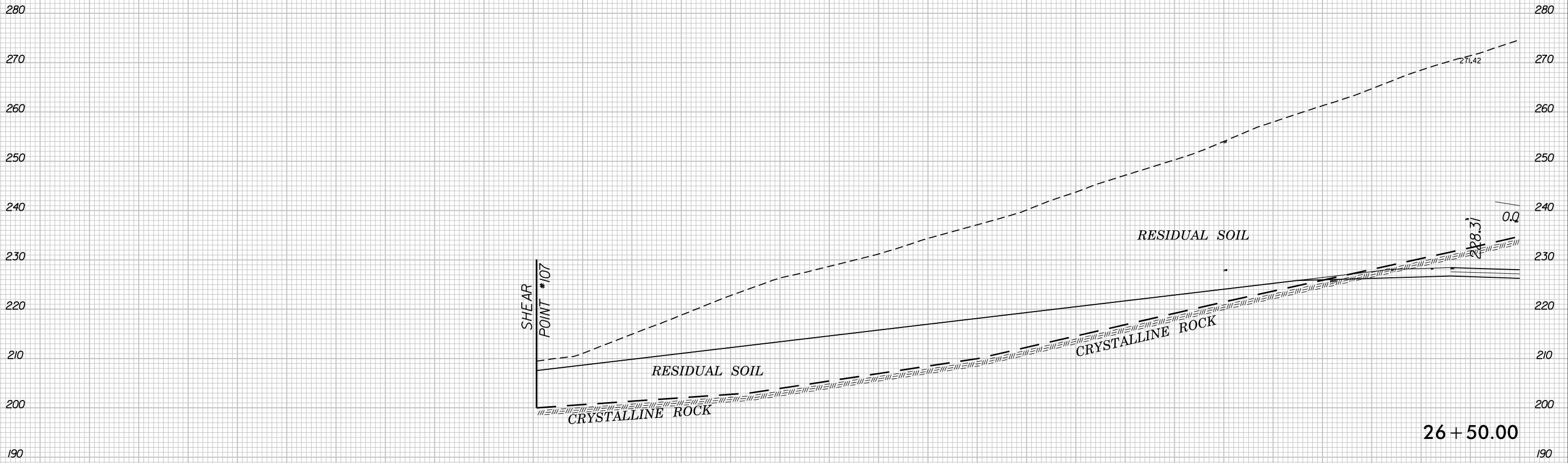


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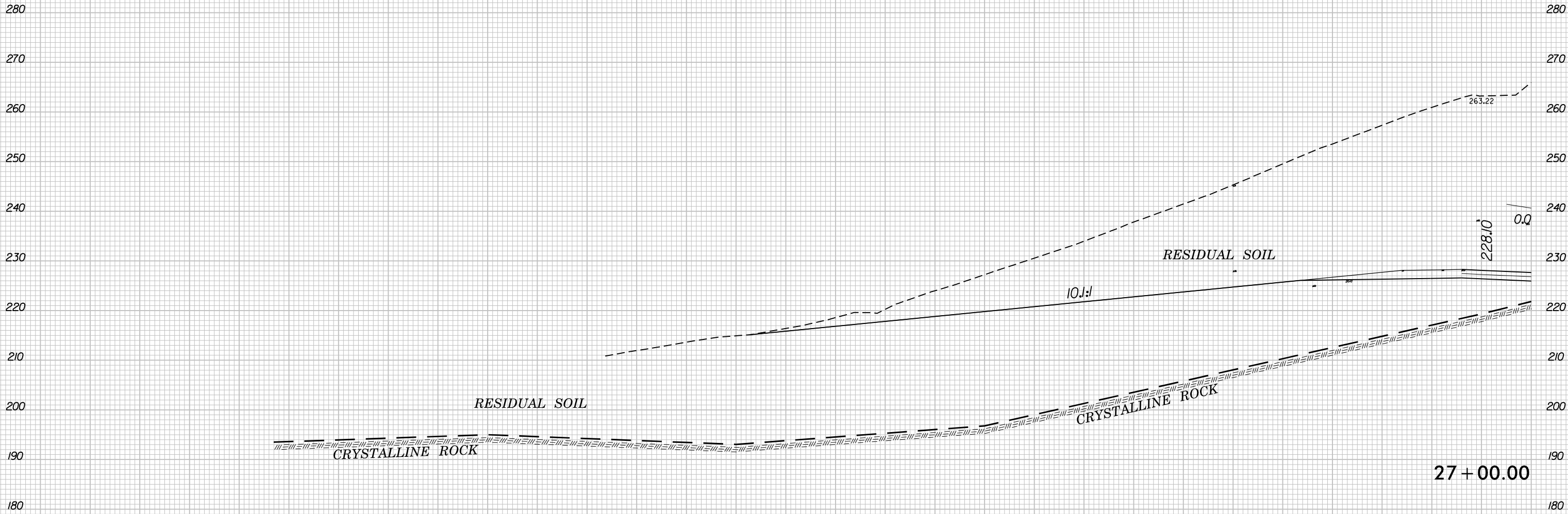
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290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10



280
270
260
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240
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220
210
200
190
180

280
270
260
250
240
230
220
210
200
190
180

RESIDUAL SOIL

RESIDUAL SOIL

CRYSTALLINE ROCK

CRYSTALLINE ROCK

10:1

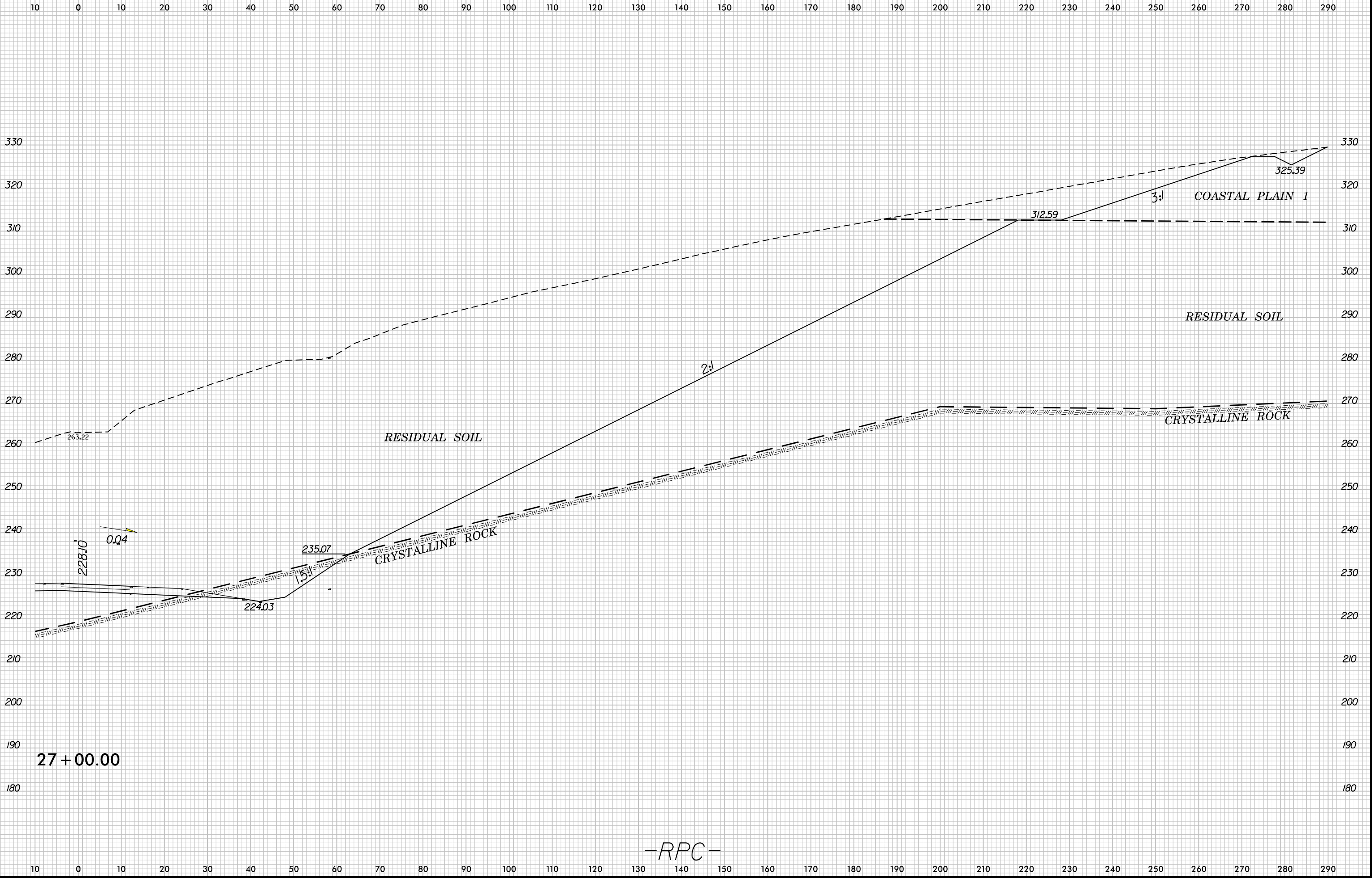
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-RPC-



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SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-258	225RT	27+75	9.00-10.50	A-7-5(33)	76	35	5.7	19.1	20.2	55.0	100	99	80	-	-
SS-259	225RT	27+75	19.00-20.50	A-7-5(32)	79	22	1.2	9.7	30.6	58.5	100	100	93	-	-
SS-260	225RT	27+75	29.00-30.50	A-5(10)	62	9	8.7	27.4	31.7	32.3	100	97	69	-	-
SS-261	255RT	27+75	39.00-40.50	A-5(2)	51	4	17.9	41.3	30.6	10.1	100	92	49	-	-

340
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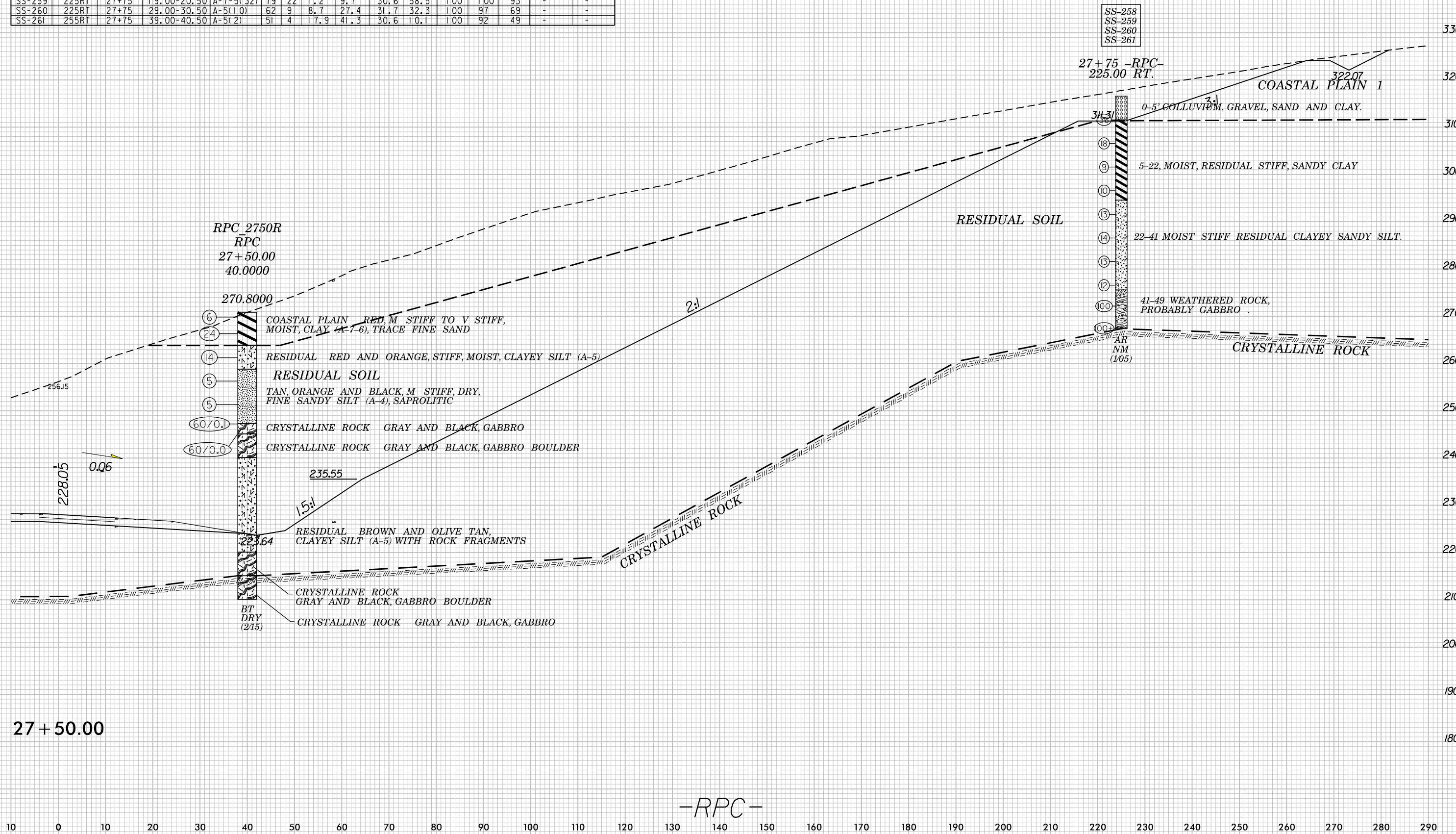
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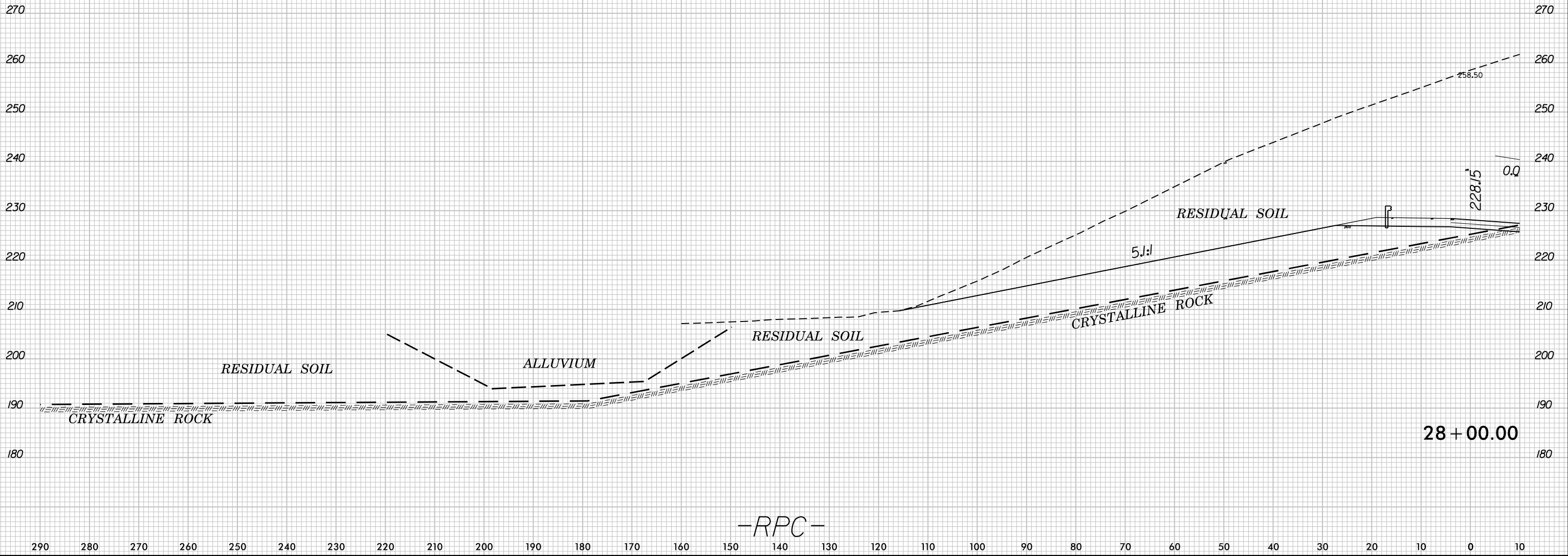
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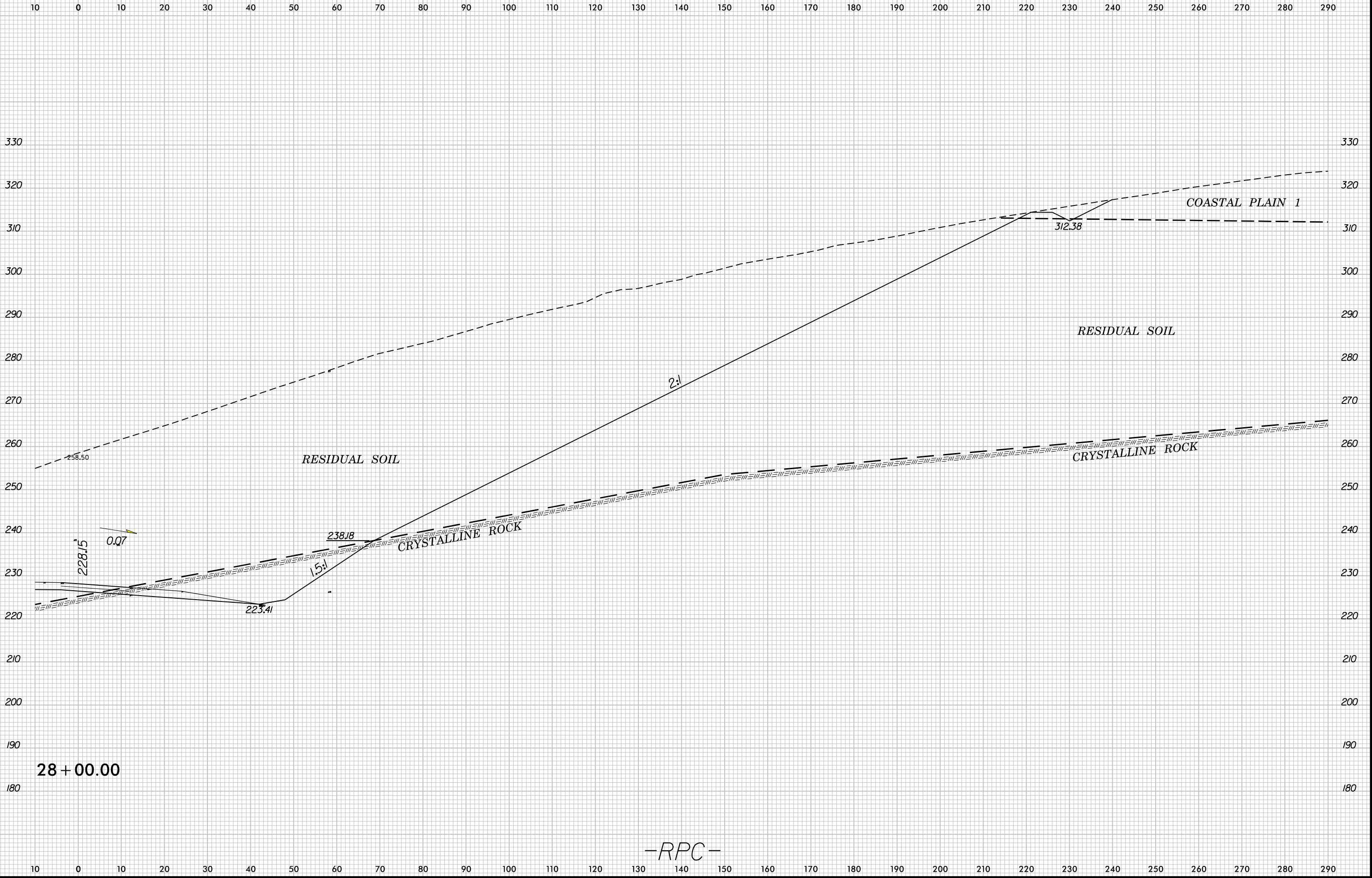
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180



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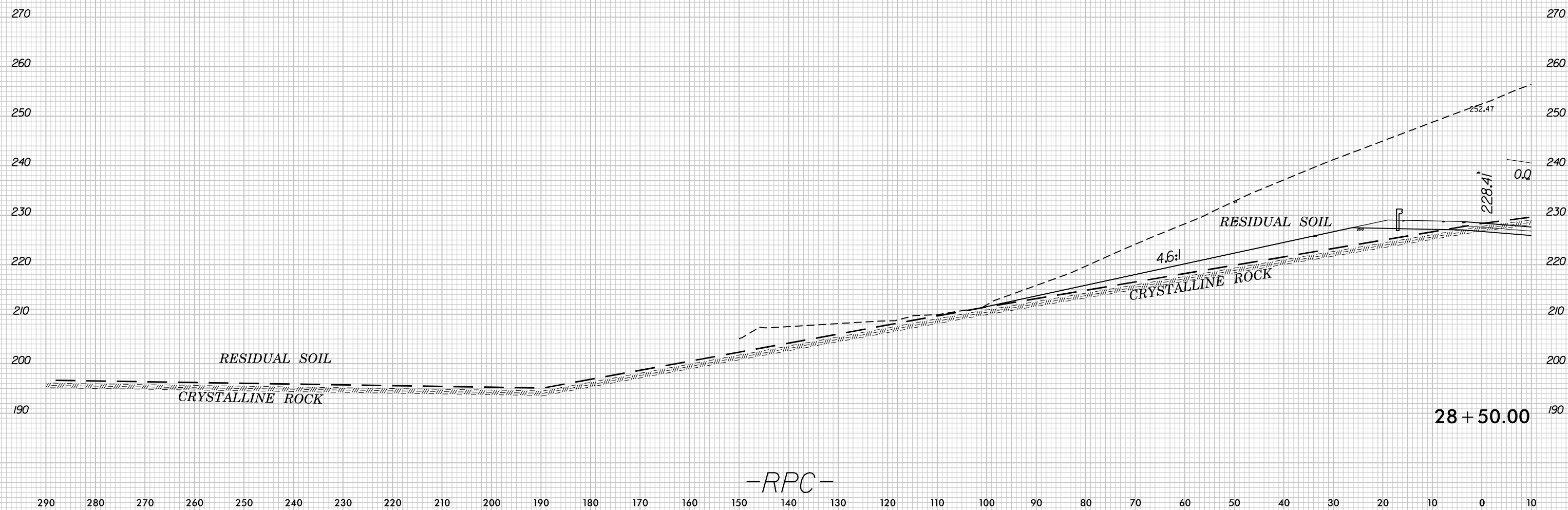


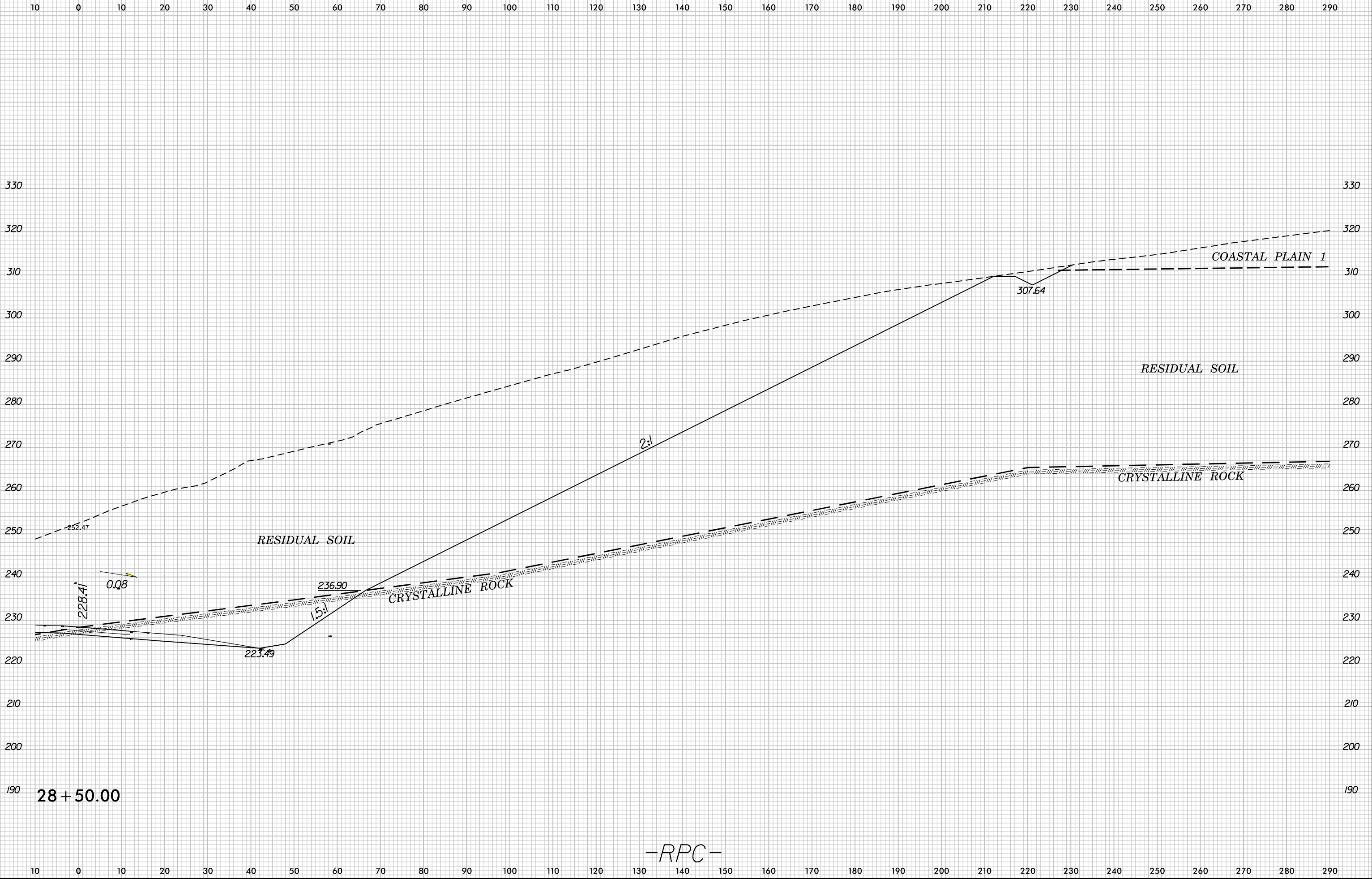
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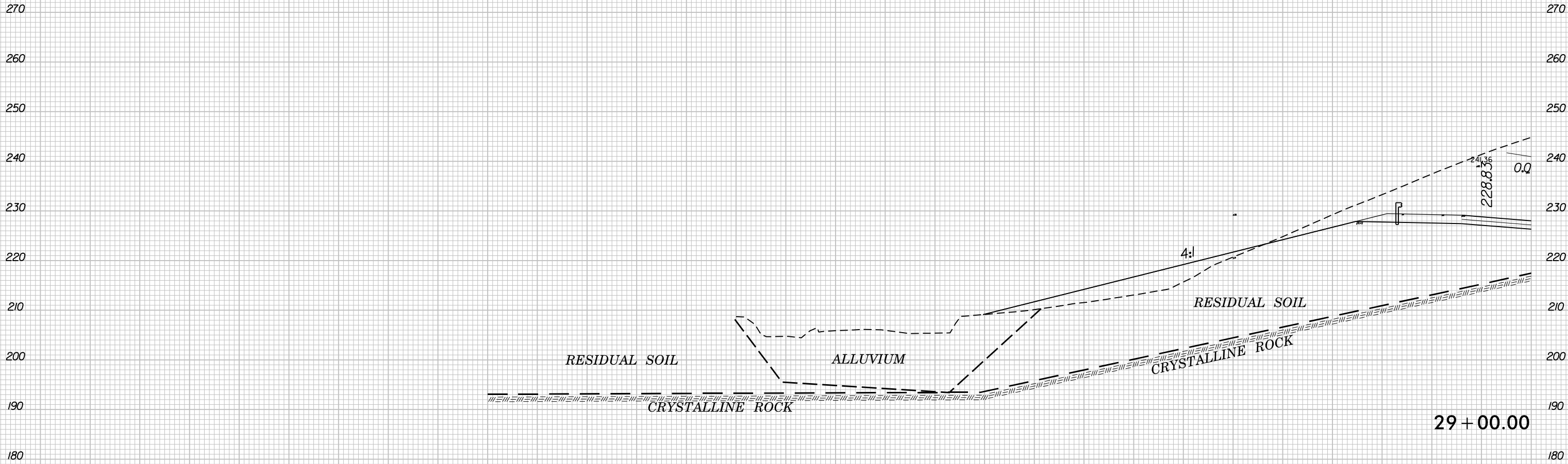


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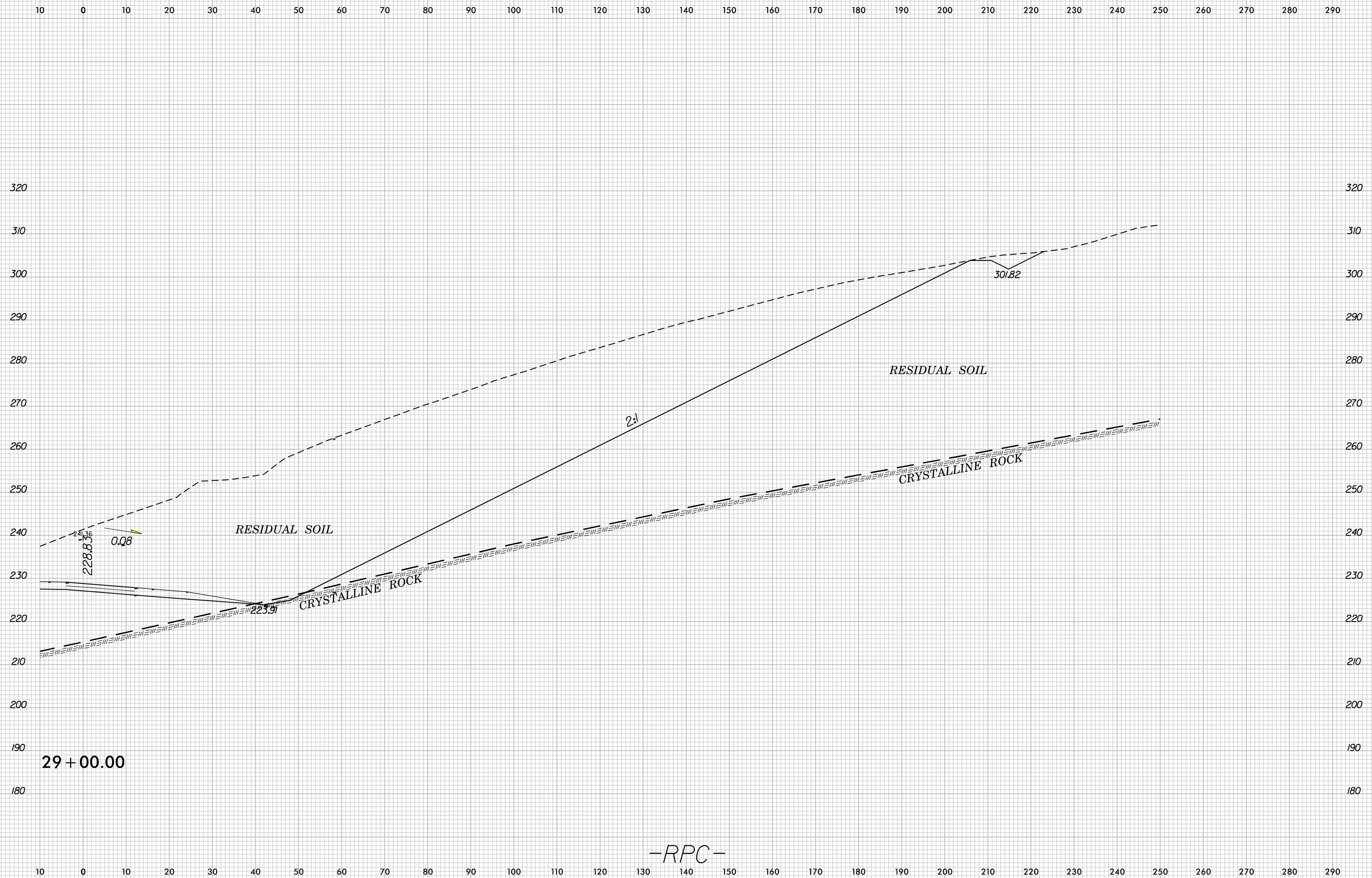


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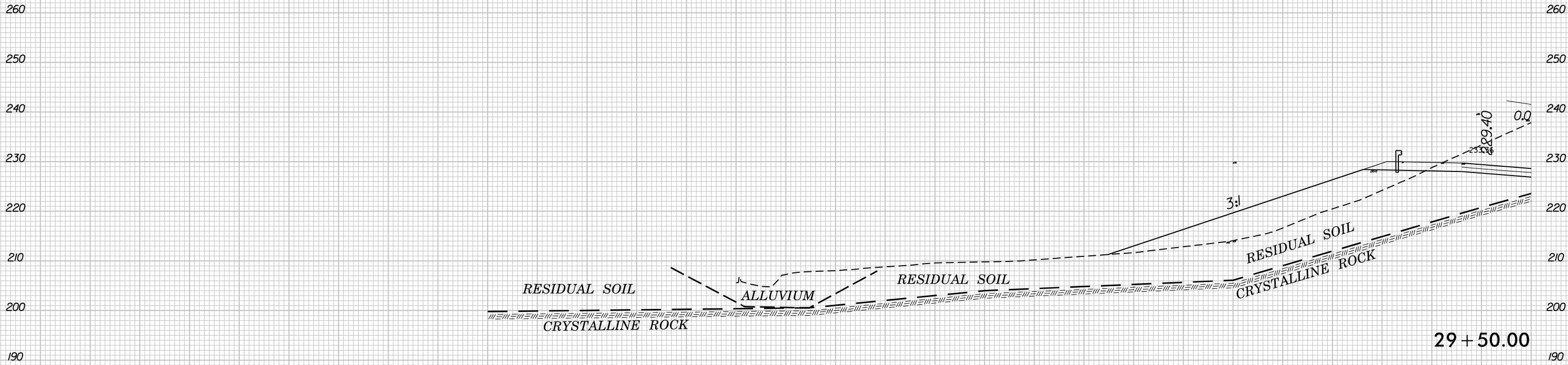


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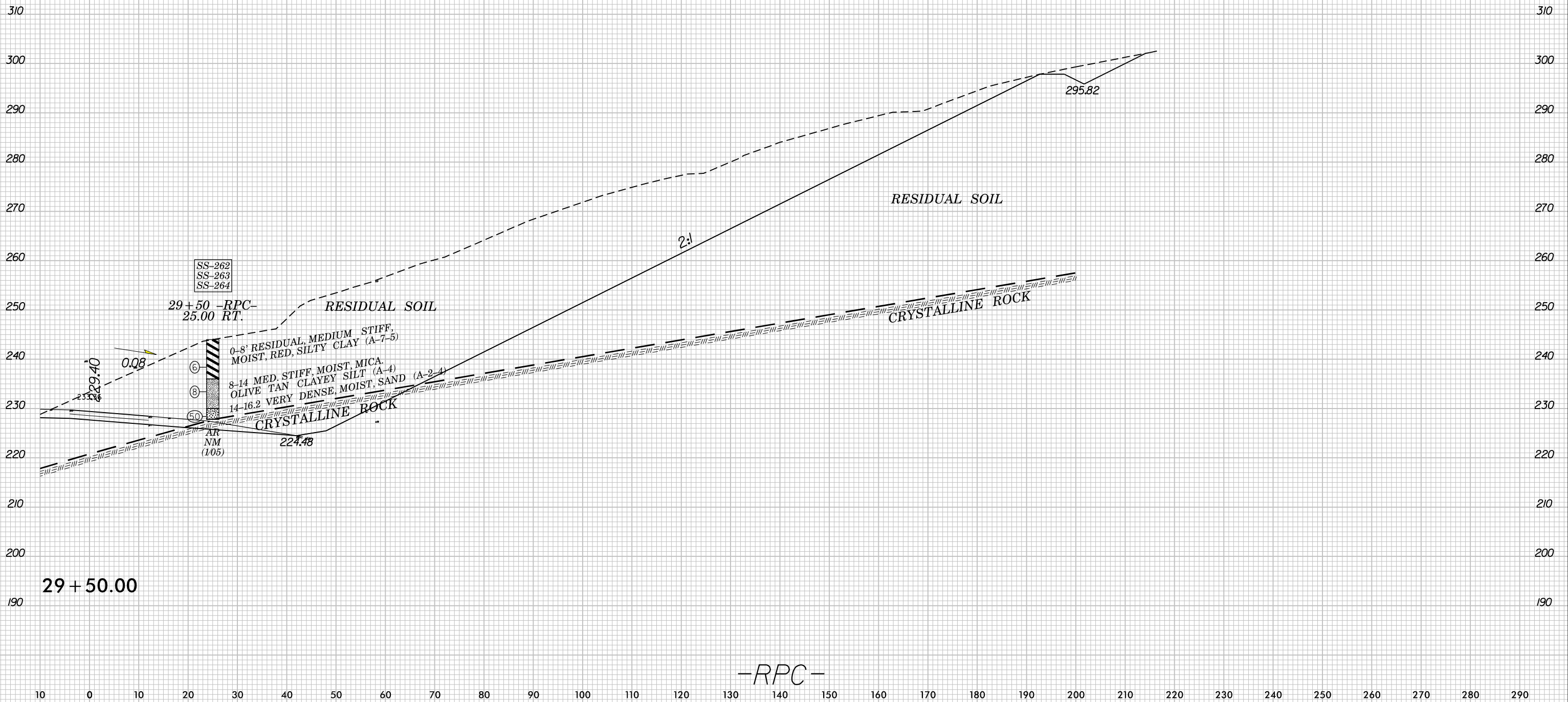


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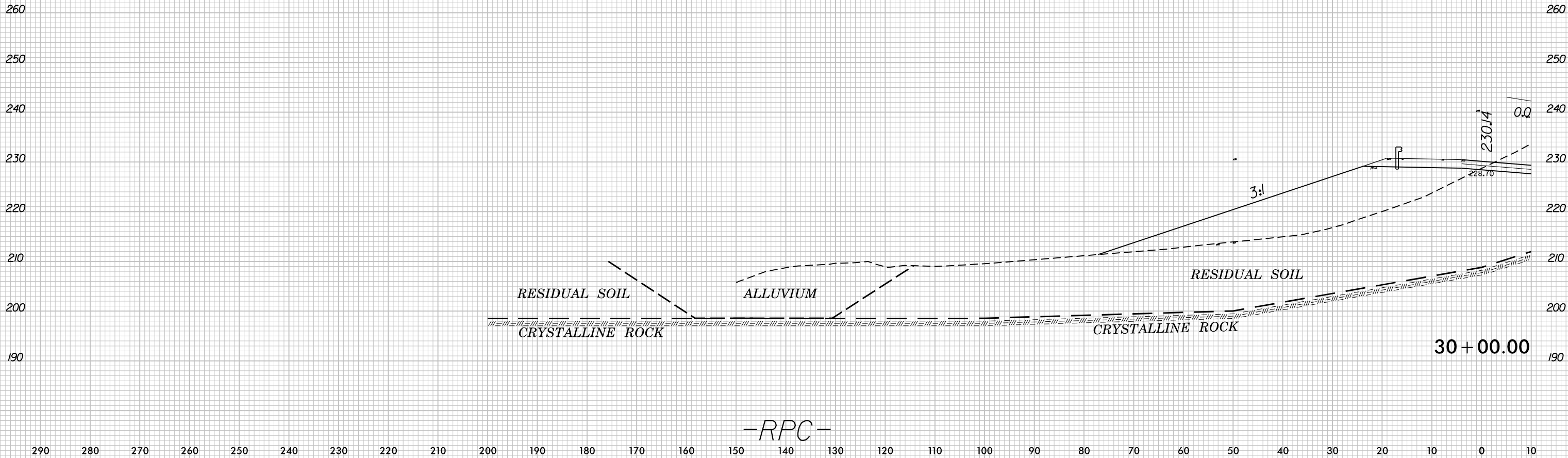
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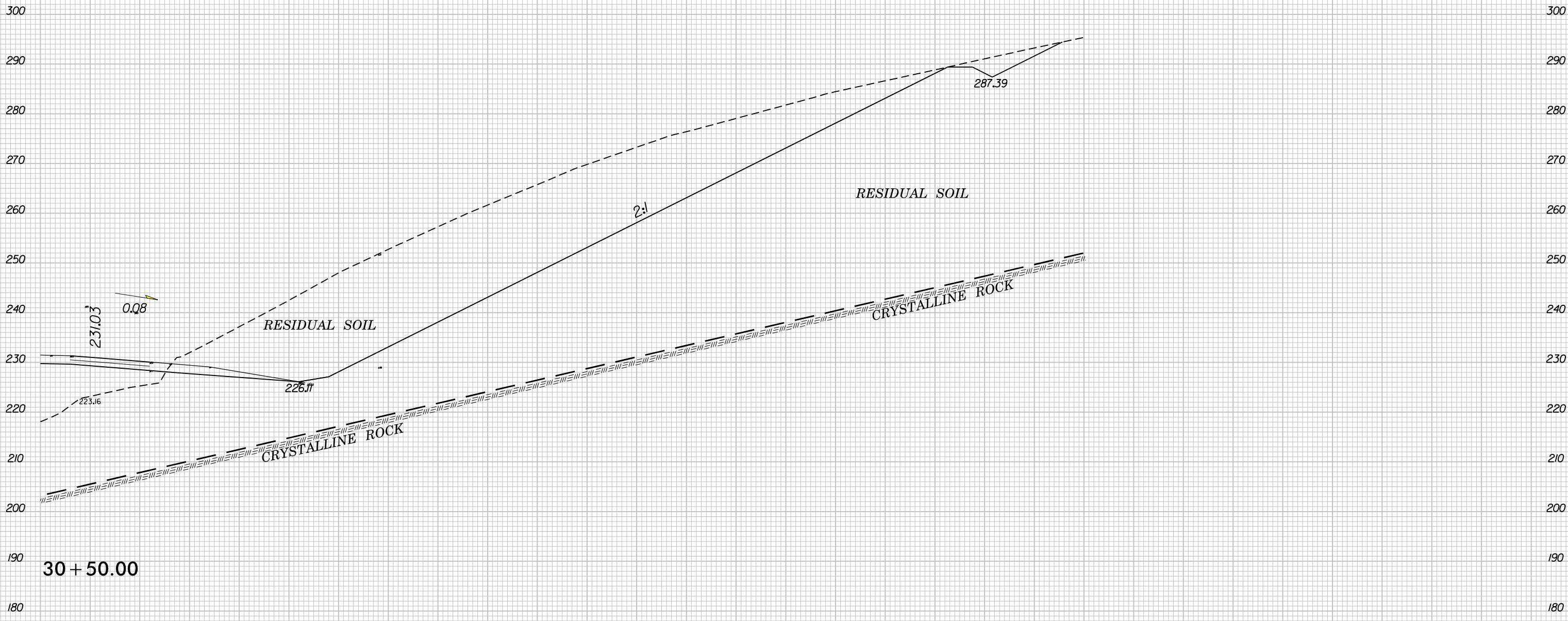
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-262	25 RT	29+50	4.60-6.10	A-7-5(23)	64	30	13.9	16.3	19.3	50.5	98	90	71	-	-
SS-263	25 RT	29+50	9.60-11.10	A-4(0)	39	NP	24.8	43.8	23.3	8.1	100	90	38	-	-
SS-264	25 RT	29+50	14.60-16.10	A-2-4(0)	29	NP	35.7	48.8	13.4	2.0	95	77	22	-	-



290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

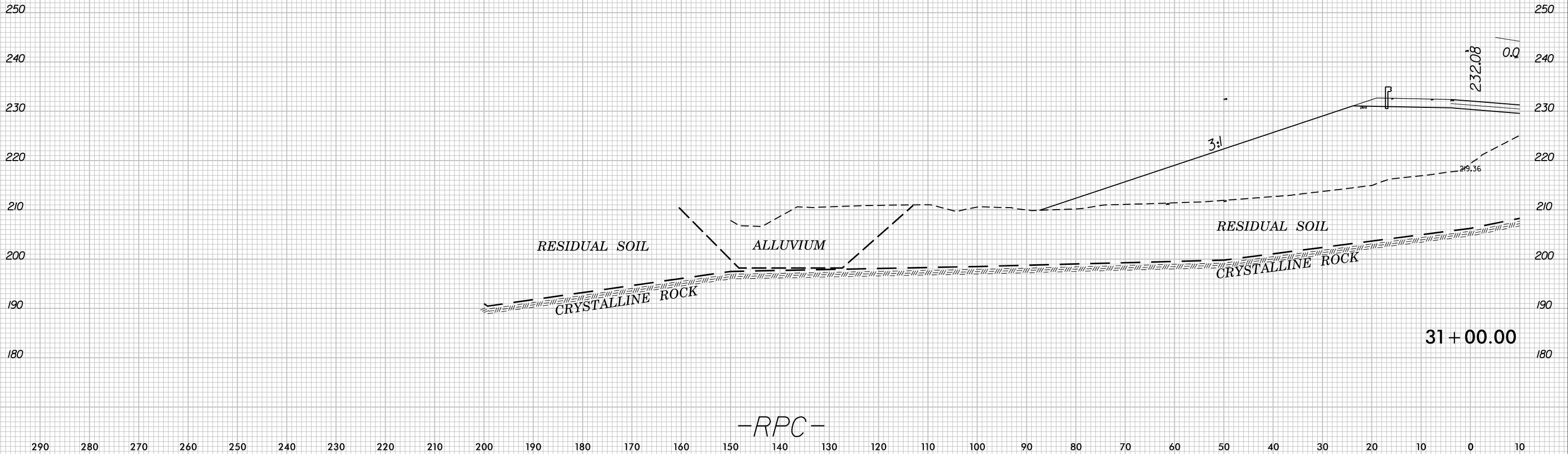


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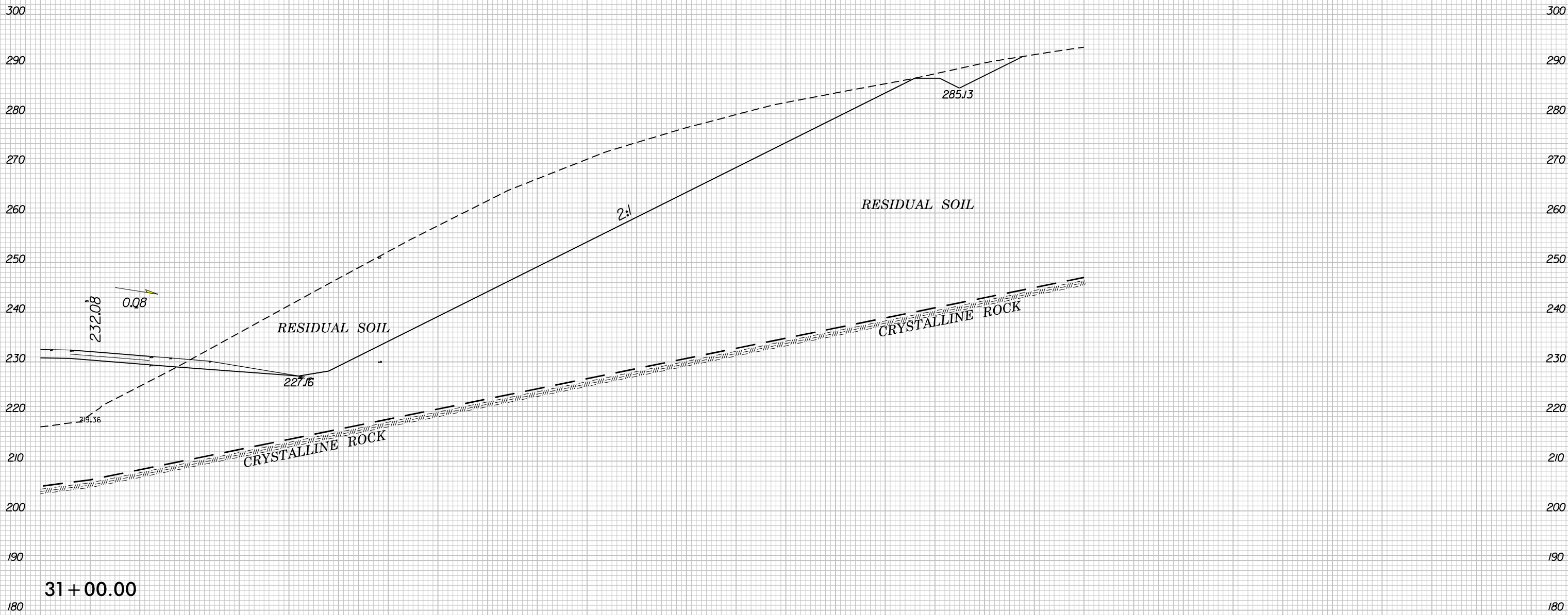


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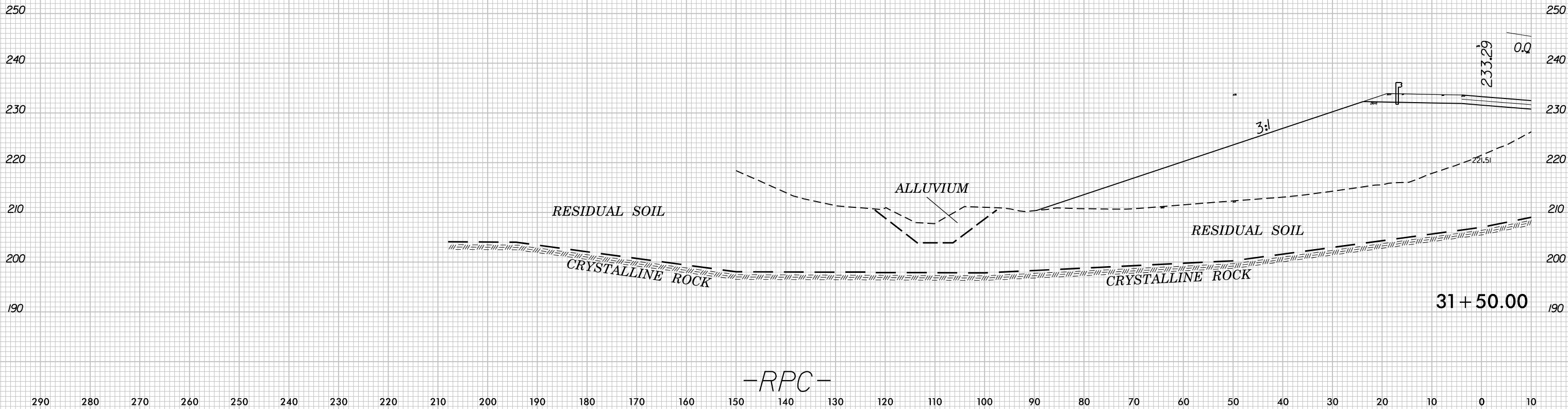


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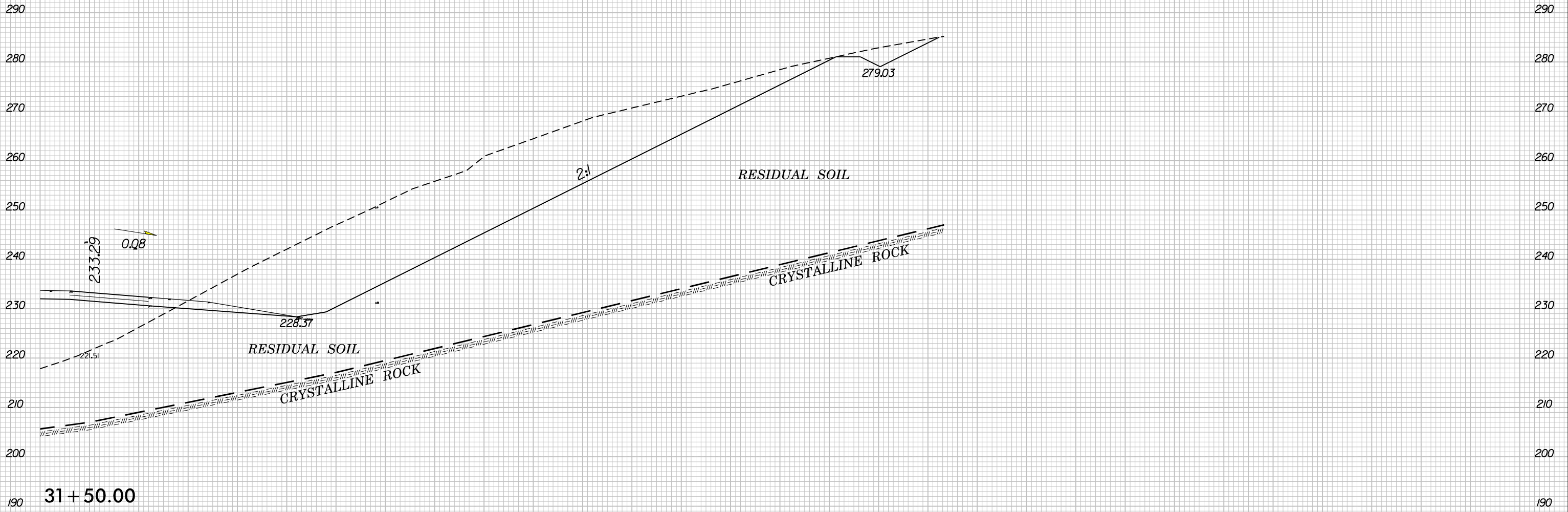


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-RPC-

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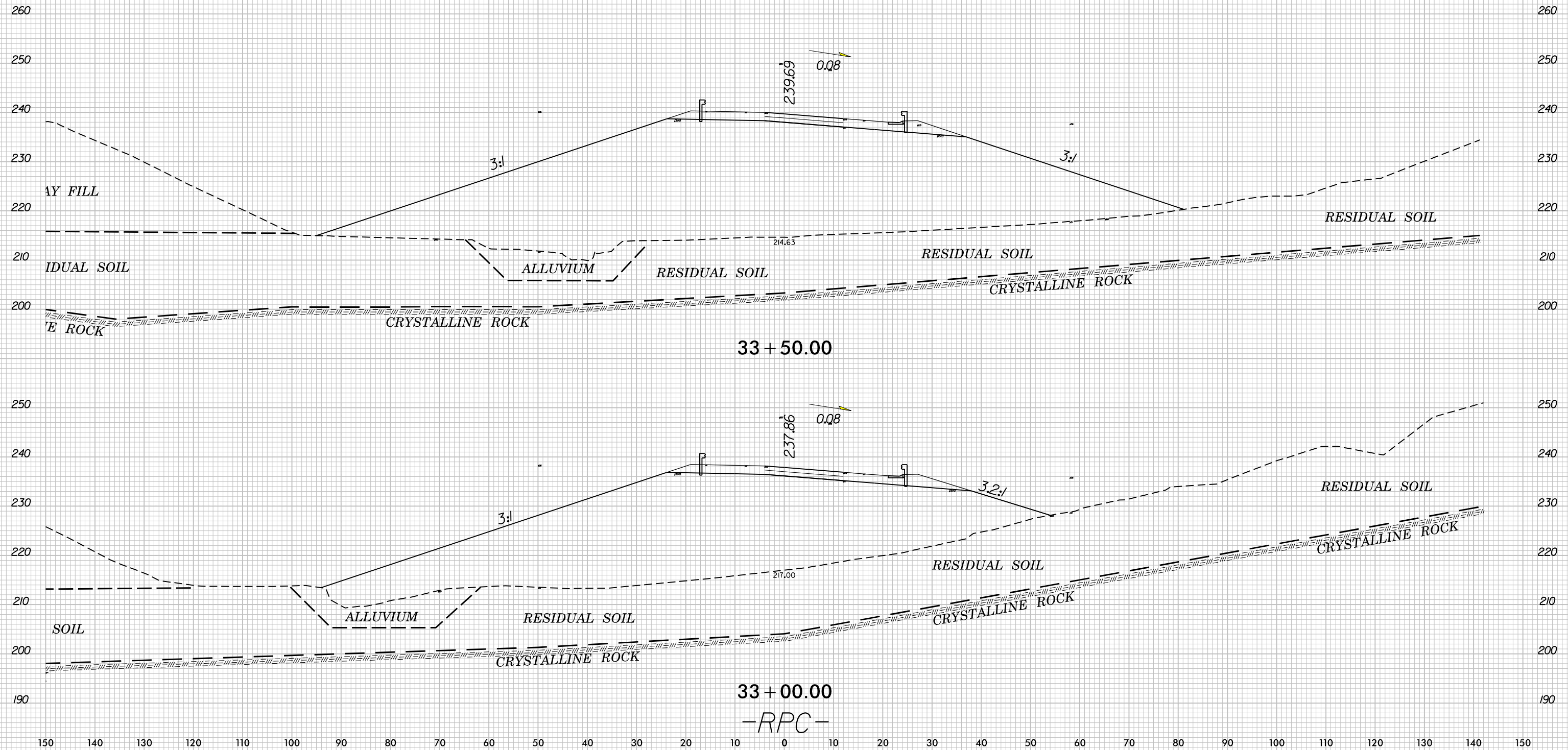


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8/23/99

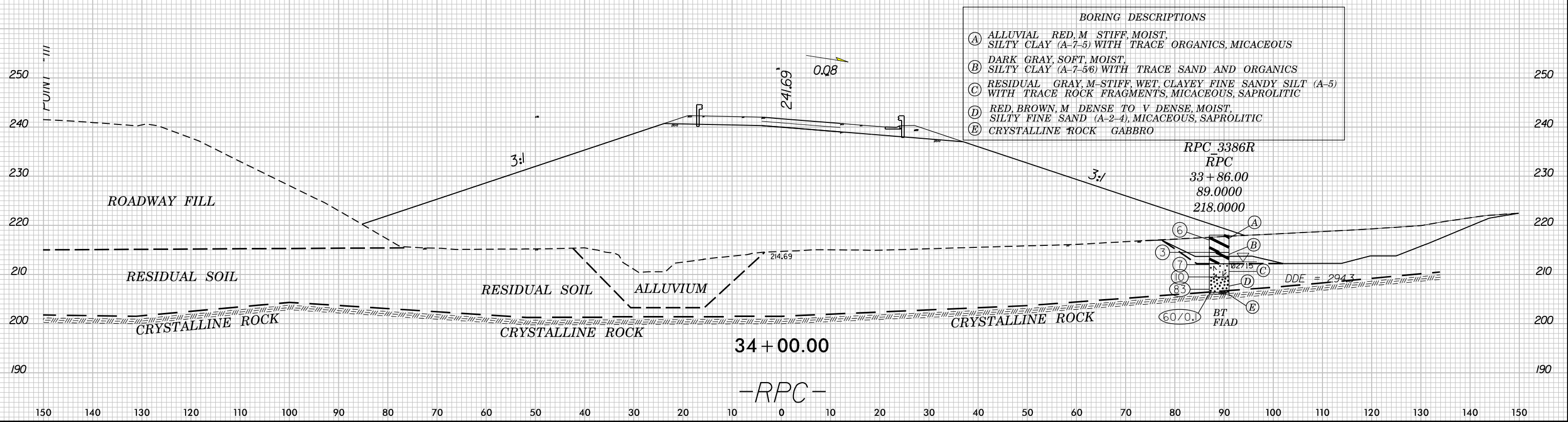
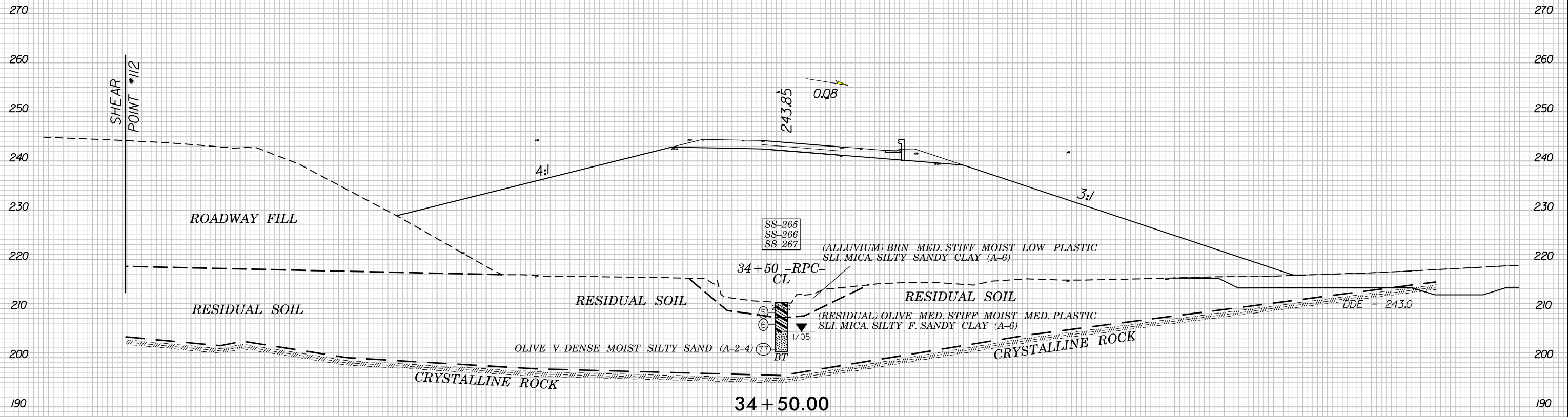
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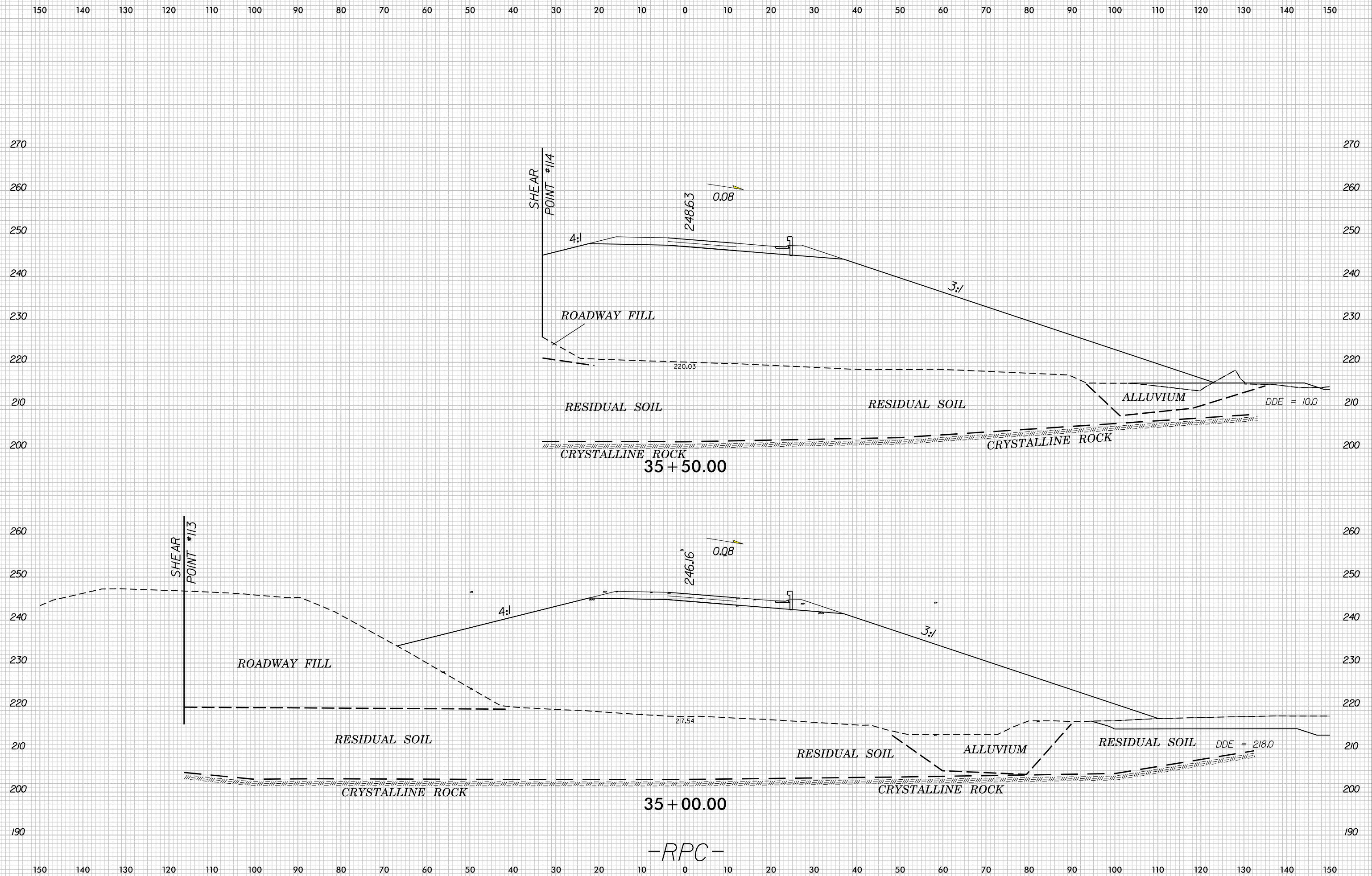
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	LL	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-265	CL	34+50	1.00-2.50	A-6(2)	35	12	22.2	39.6	18.1	20.2	100	89	44	-	-
SS-266	CL	34+50	3.50-5.00	A-6(3)	39	16	21.2	44.2	16.4	18.2	99	88	41	-	-
SS-267	CL	34+50	8.50-10.10	A-2-4(0)	25	NP	39.2	43.6	15.2	2.0	81	61	19	-	-



- BORING DESCRIPTIONS**
- (A) ALLUVIAL RED, M STIFF, MOIST, SILTY CLAY (A-7-5) WITH TRACE ORGANICS, MICACEOUS
 - (B) DARK GRAY, SOFT, MOIST, SILTY CLAY (A-7-5/6) WITH TRACE SAND AND ORGANICS
 - (C) RESIDUAL GRAY, M-STIFF, WET, CLAYEY FINE SANDY SILT (A-5) WITH TRACE ROCK FRAGMENTS, MICACEOUS, SAPROLITIC
 - (D) RED, BROWN, M DENSE TO V DENSE, MOIST, SILTY FINE SAND (A-2-4), MICACEOUS, SAPROLITIC
 - (E) CRYSTALLINE ROCK GABBRO

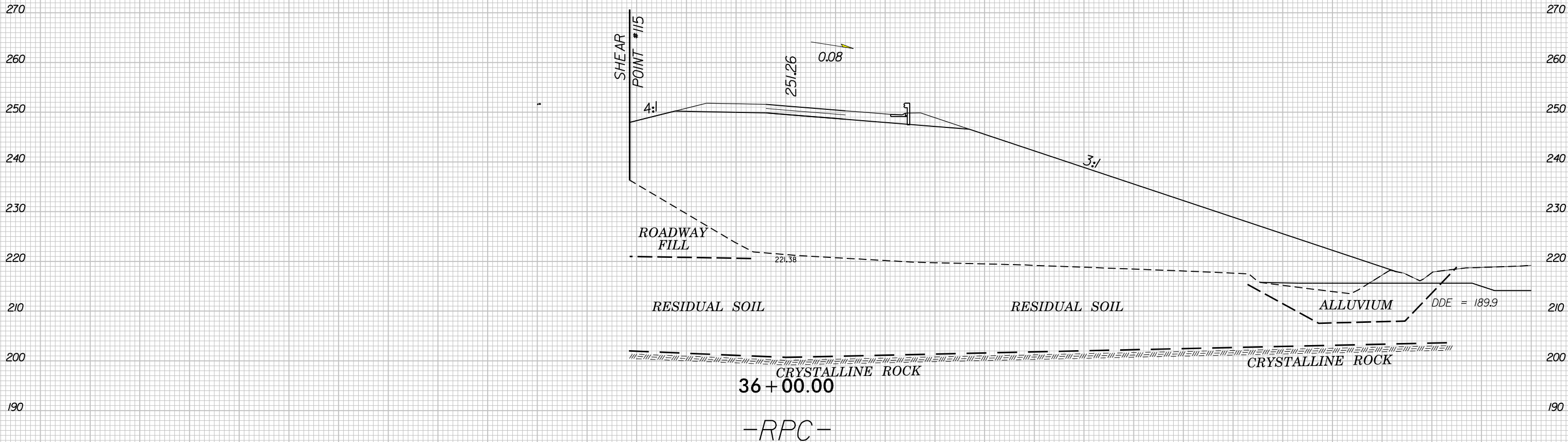
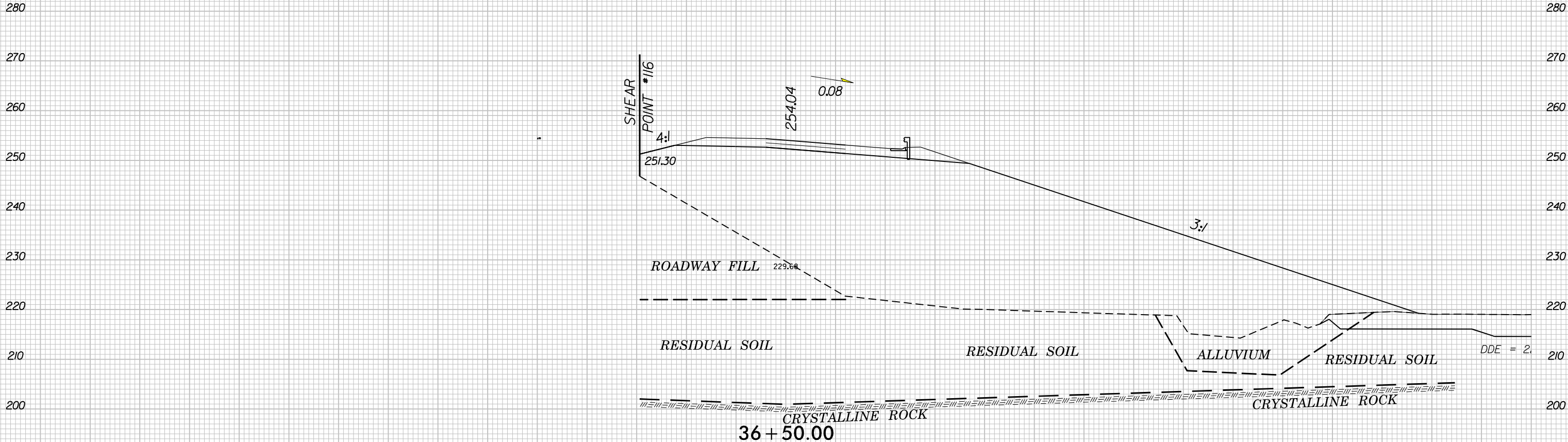
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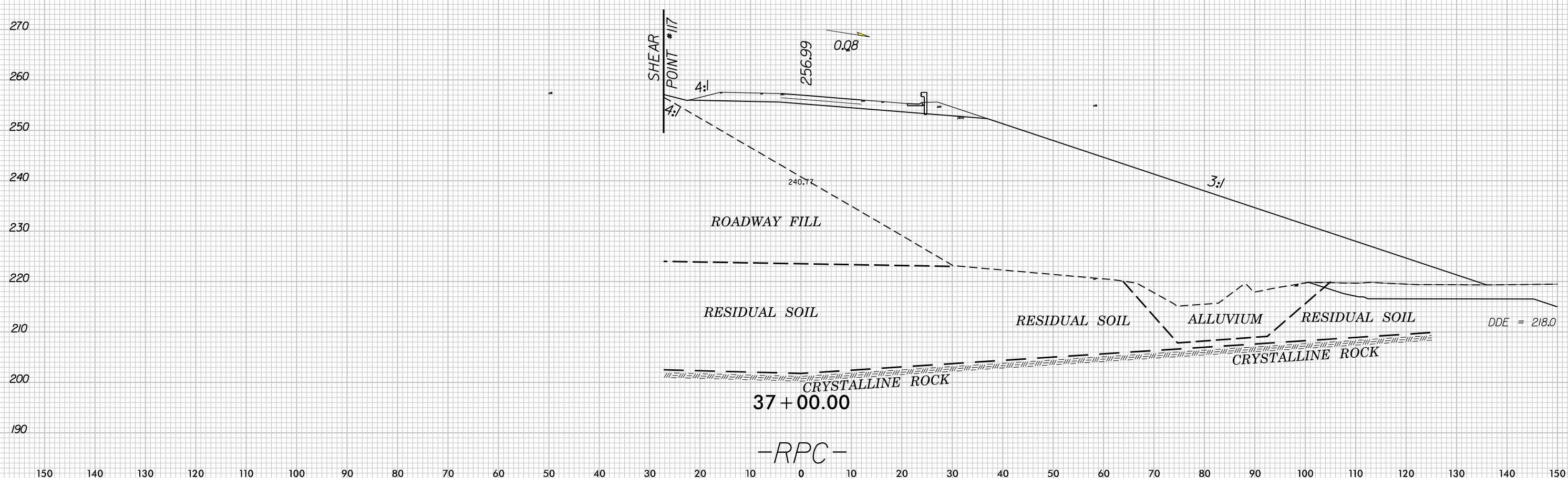
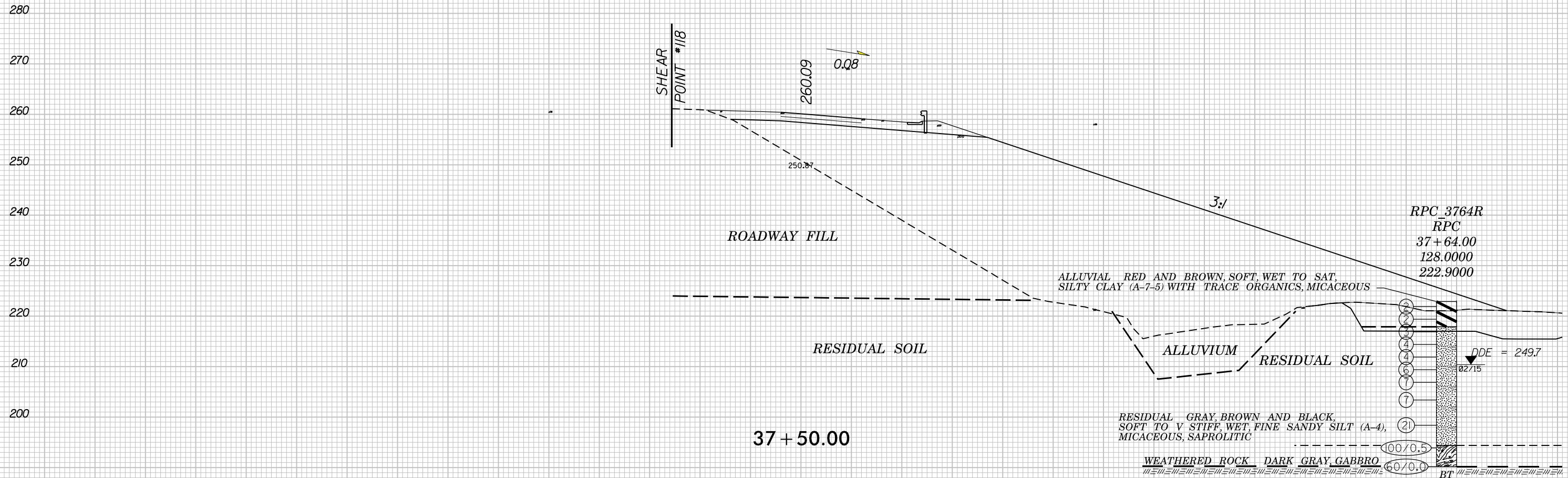
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PROJ. REFERENCE NO.
R-3421A

SHEET NO.
529

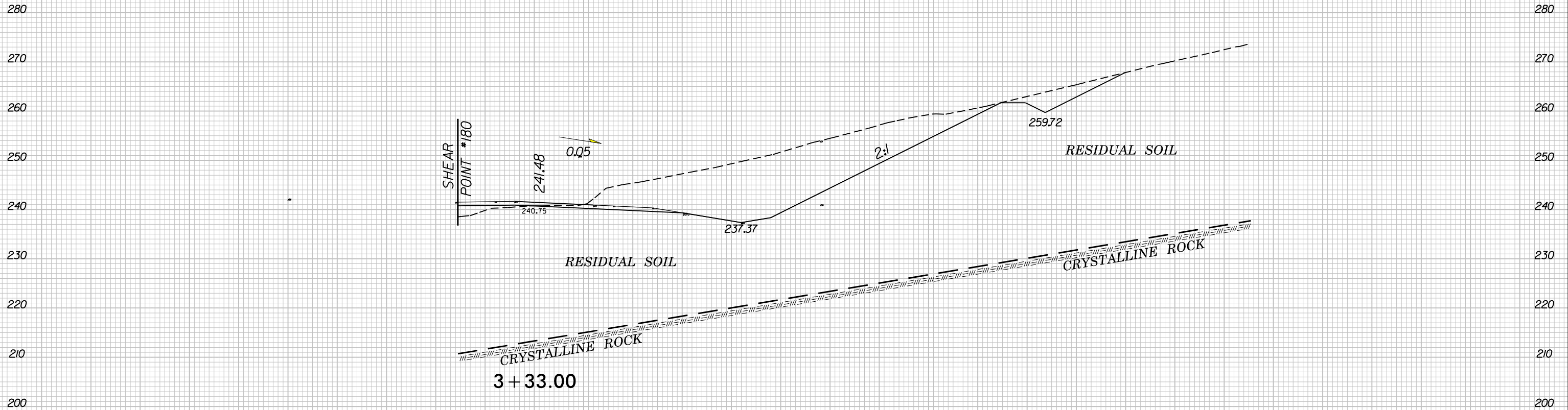
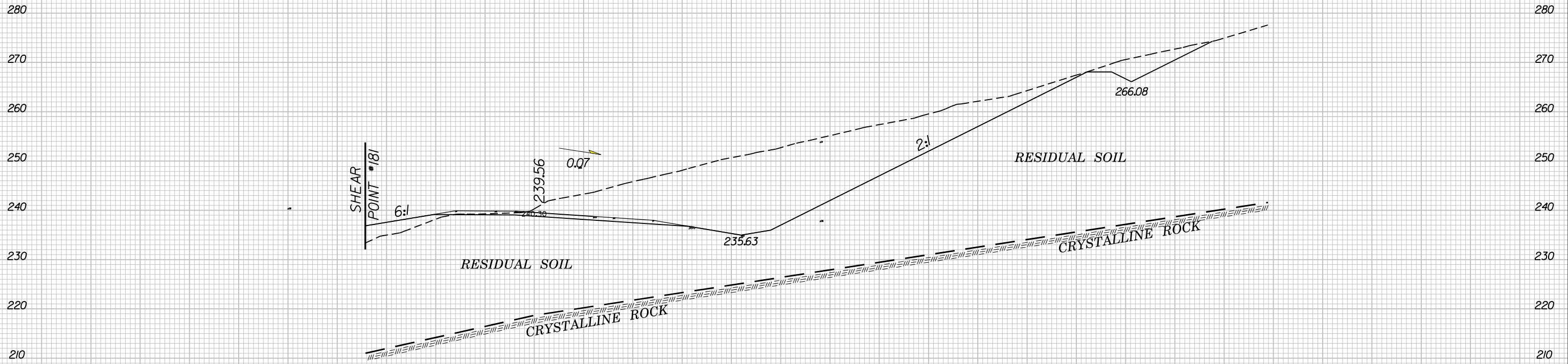
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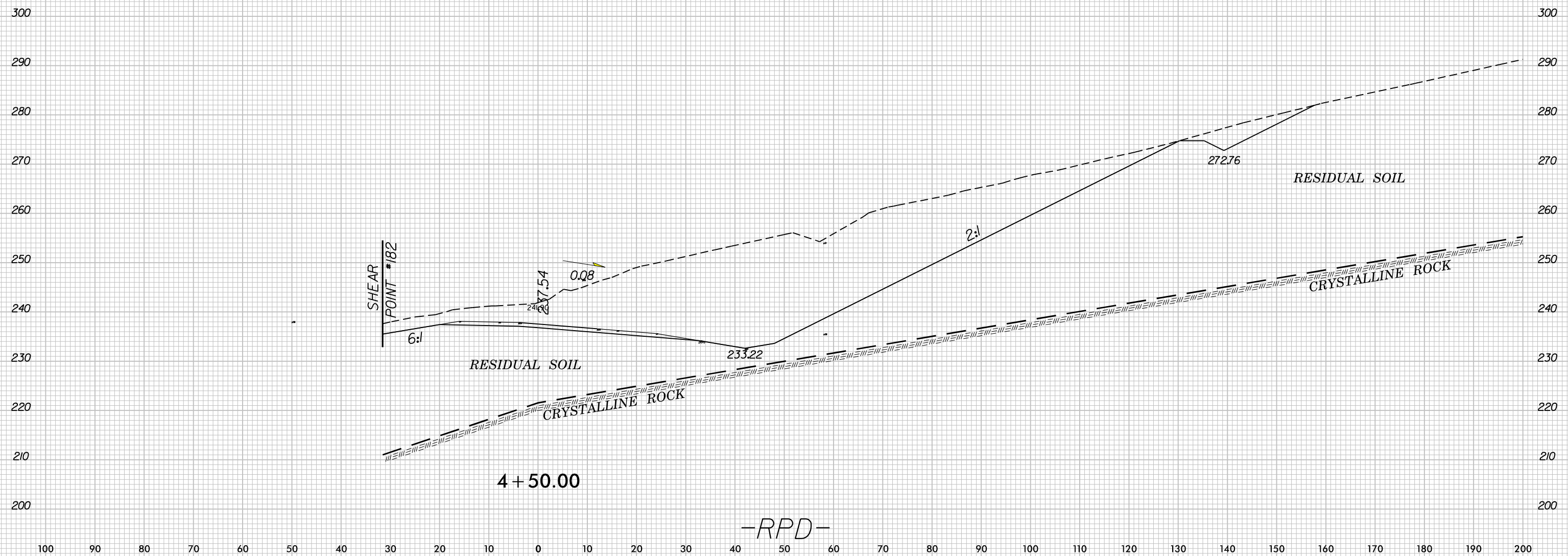


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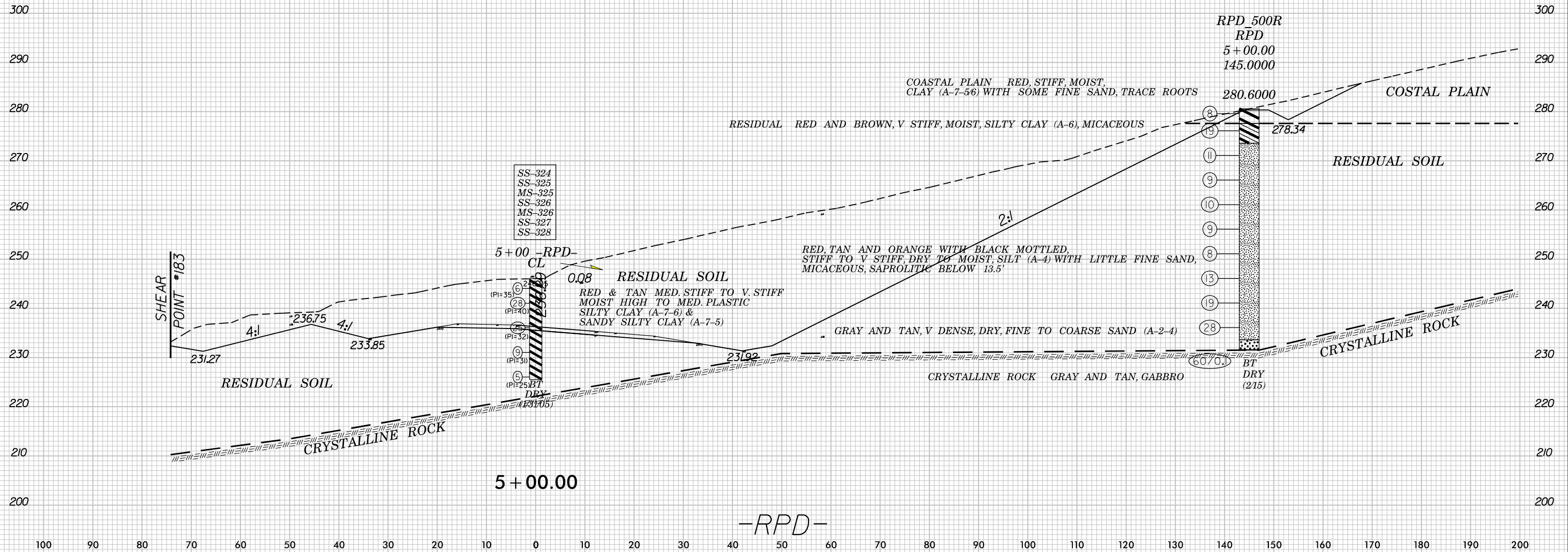
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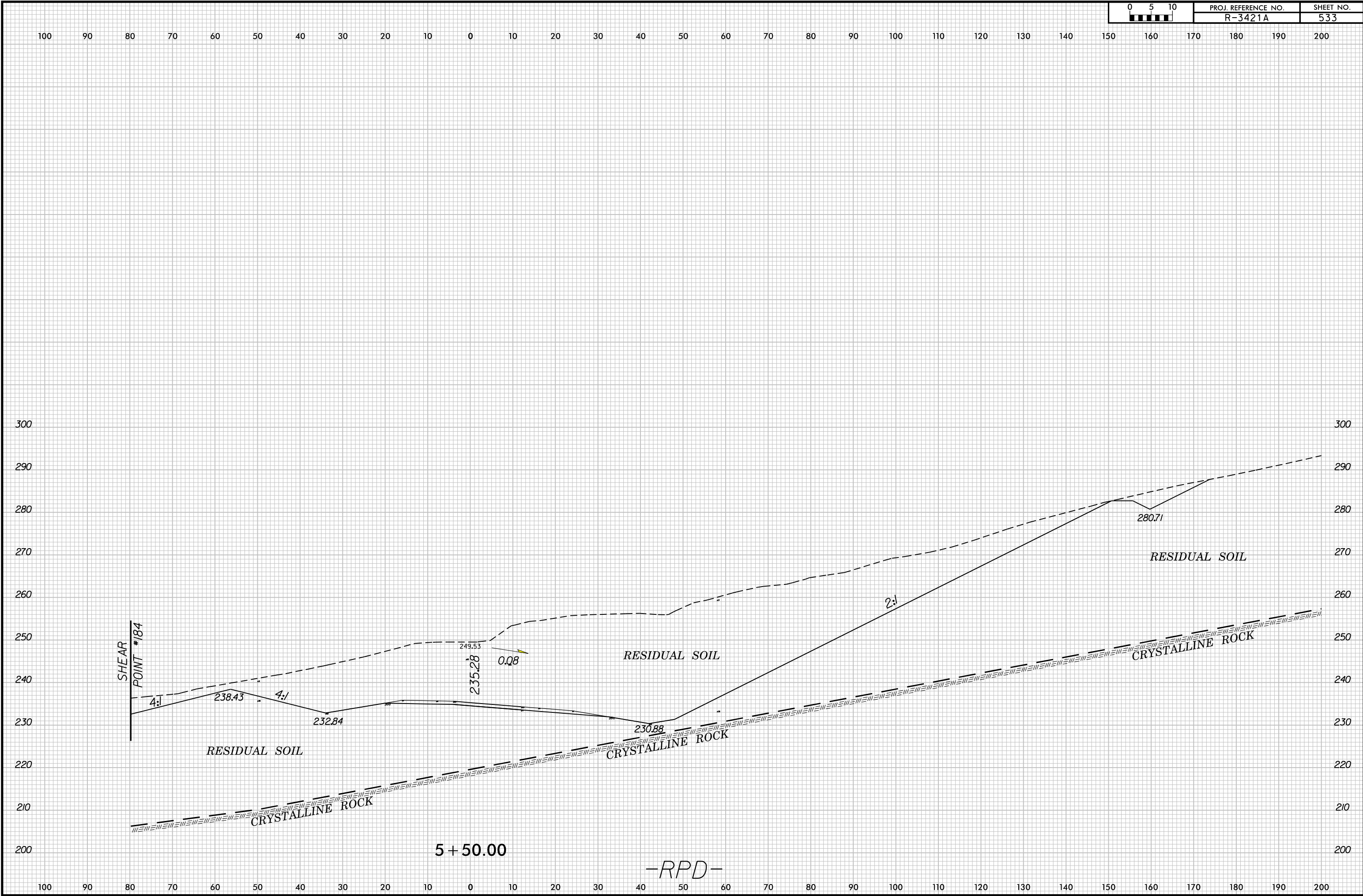


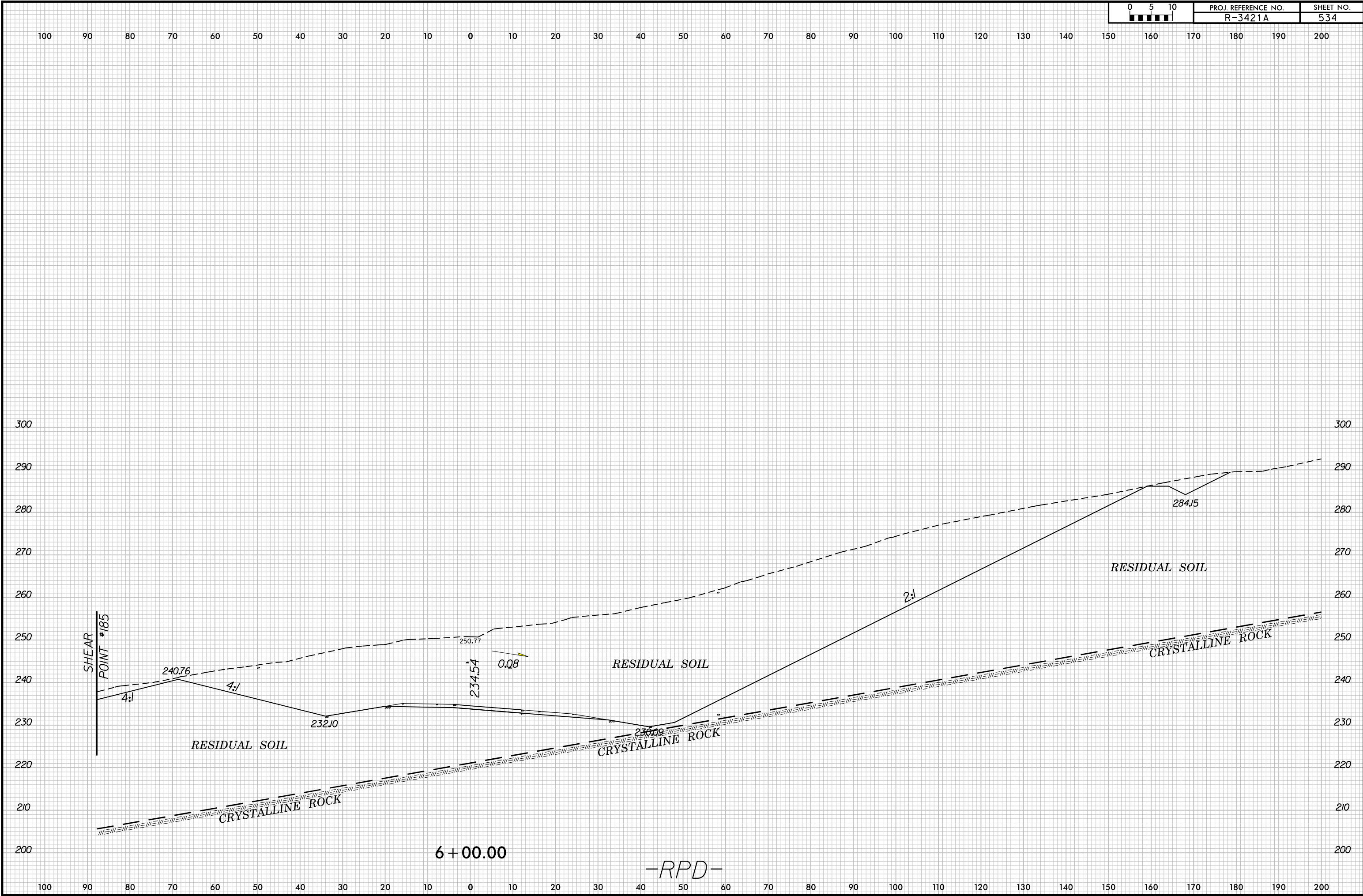
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-324	CL	5+00	1.00-2.50	A-7-6(30)	64	35	11.9	9.3	12.2	66.6	97	90	78	-	-
SS-325	CL	5+00	4.00-5.50	A-7-5(49)	83	40	2.6	3.6	19.1	74.7	100	98	95	53.3	-
SS-326	CL	5+00	9.00-10.50	A-7-5(41)	75	32	0.4	4.8	30.2	64.6	100	100	97	42.7	-
SS-327	CL	5+00	14.00-15.50	A-7-5(36)	69	31	1.4	10.9	43.3	44.4	100	100	92	-	-
SS-328	CL	5+00	19.00-20.50	A-7-5(22)	58	25	5.7	18.8	43.3	32.3	97	95	79	-	-

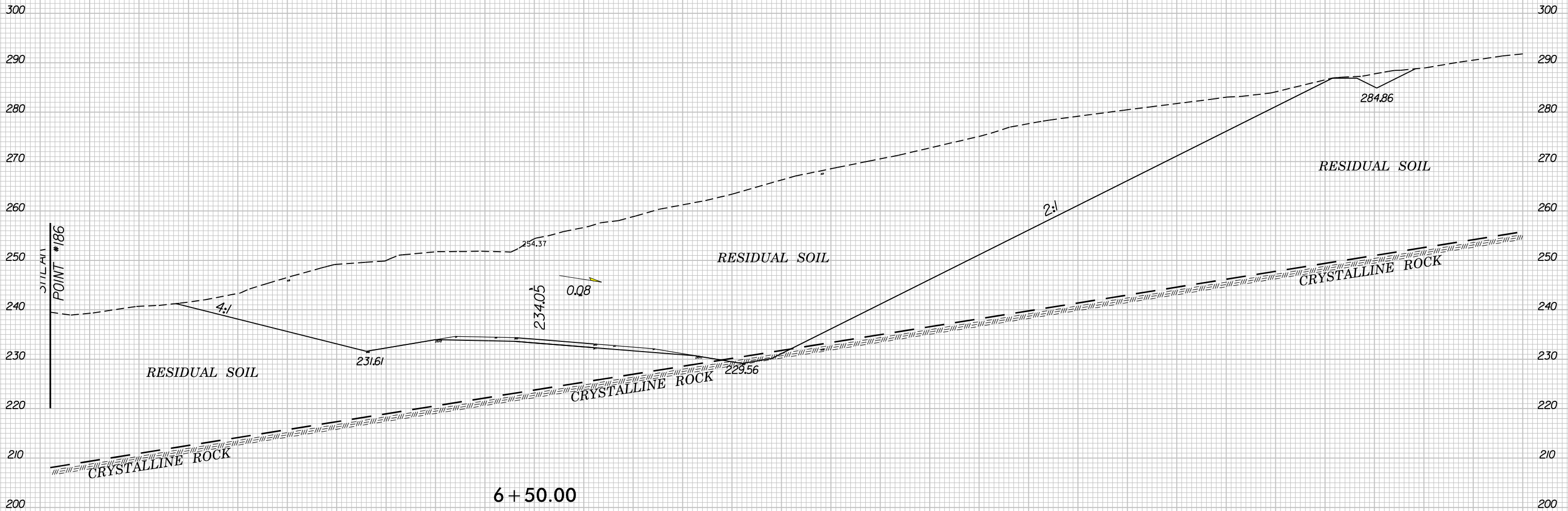








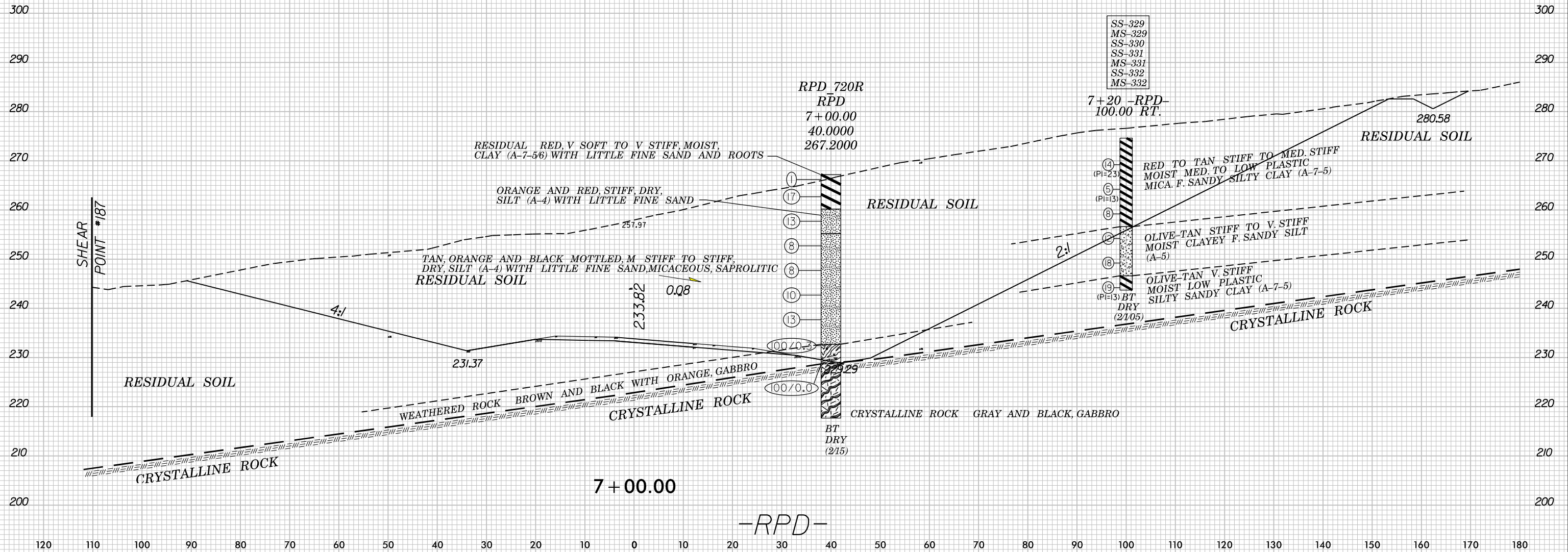
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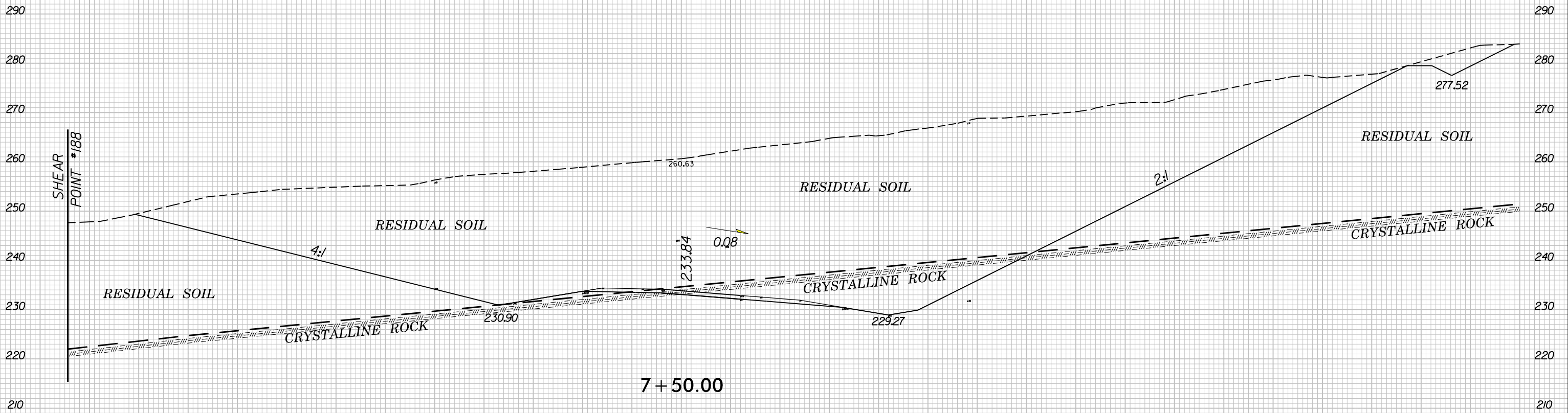
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-329	100RT	7+20	4.40-5.90	A-7-5(23)	63	23	7.5	14.4	27.2	50.8	100	98	81	30.9	-
SS-330	100RT	7+20	9.40-10.90	A-7-5(10)	53	13	14.0	24.6	32.9	28.5	100	96	66	-	-
SS-331	100RT	7+20	19.40-20.90	A-5(7)	46	10	12.8	28.5	36.4	22.4	100	95	65	32.8	-
SS-332	100RT	7+20	29.00-30.90	A-7-5(7)	43	13	14.8	28.5	32.3	24.4	100	93	62	26.1	-



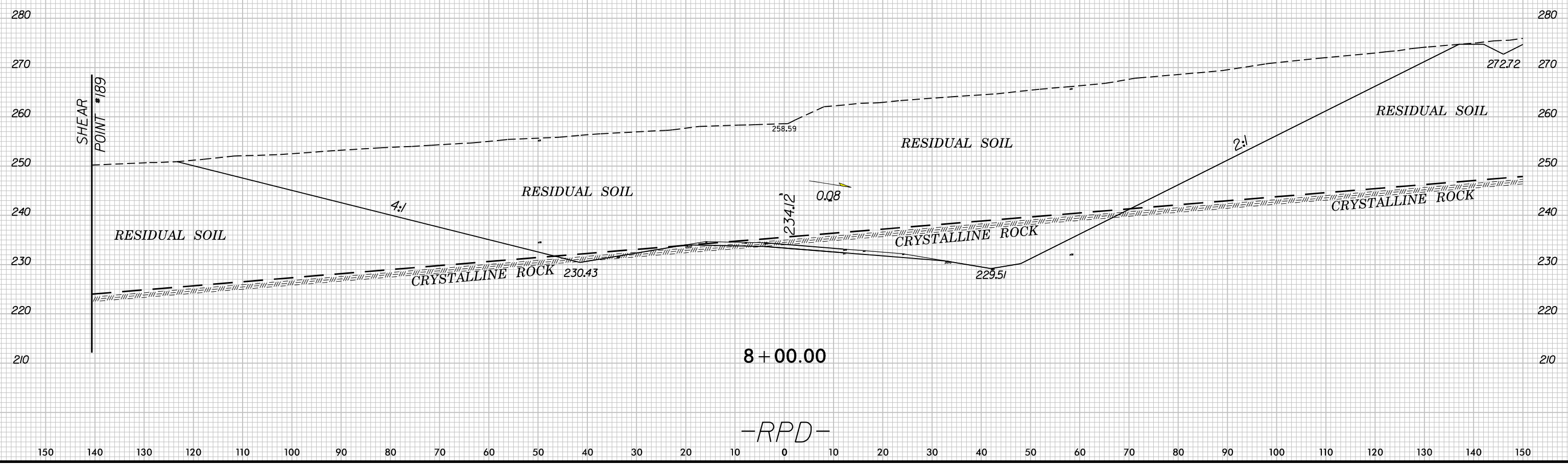
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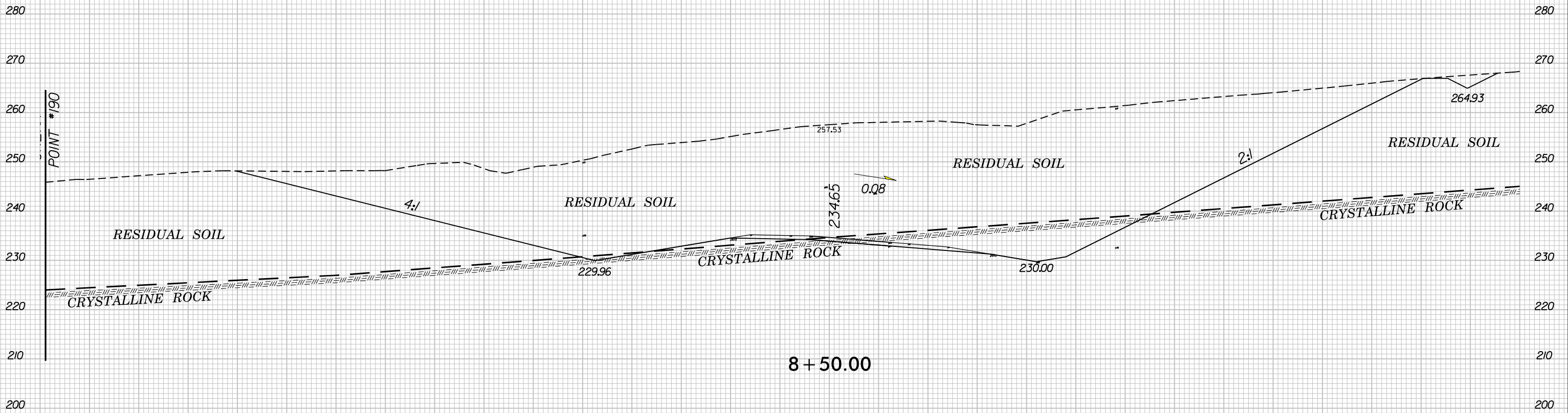


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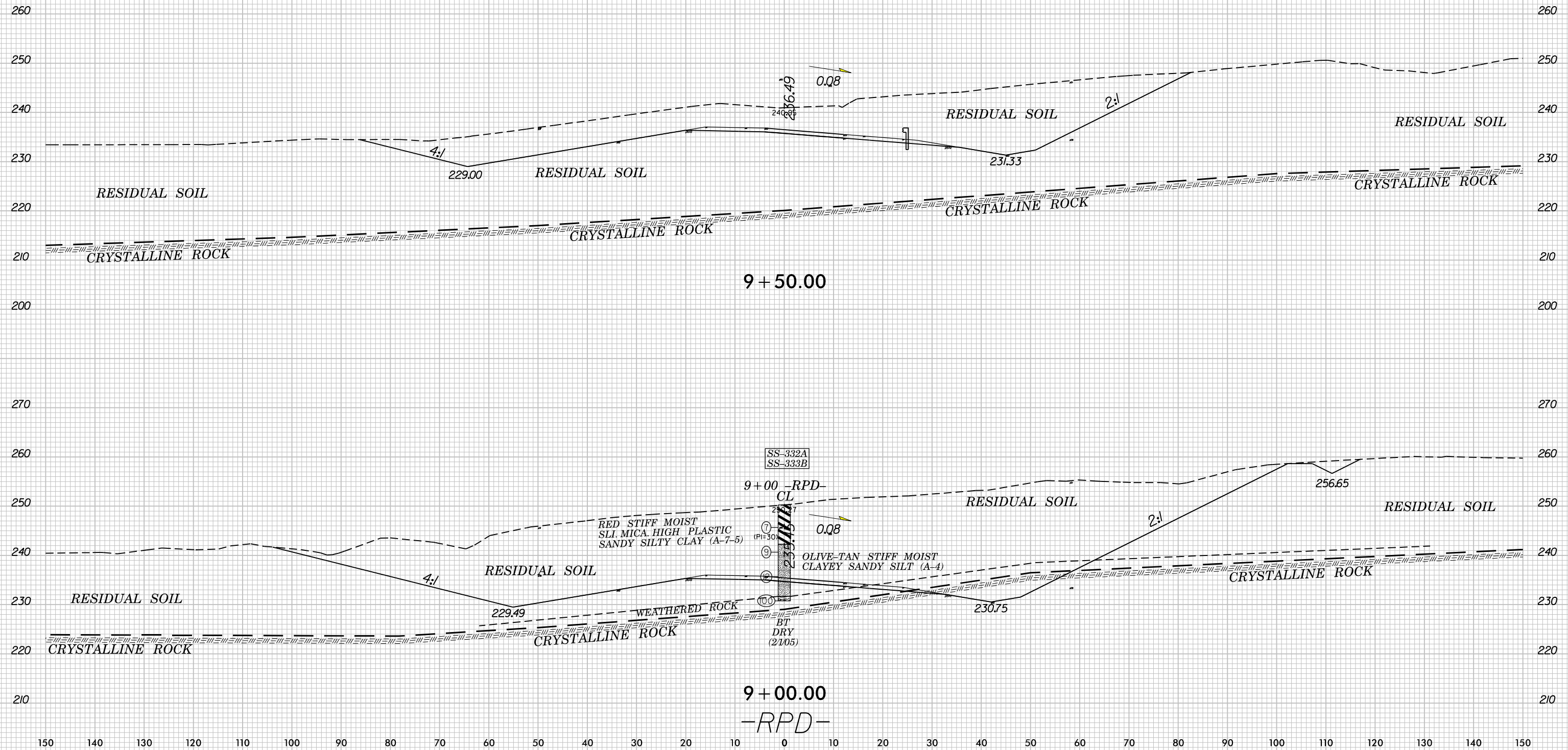
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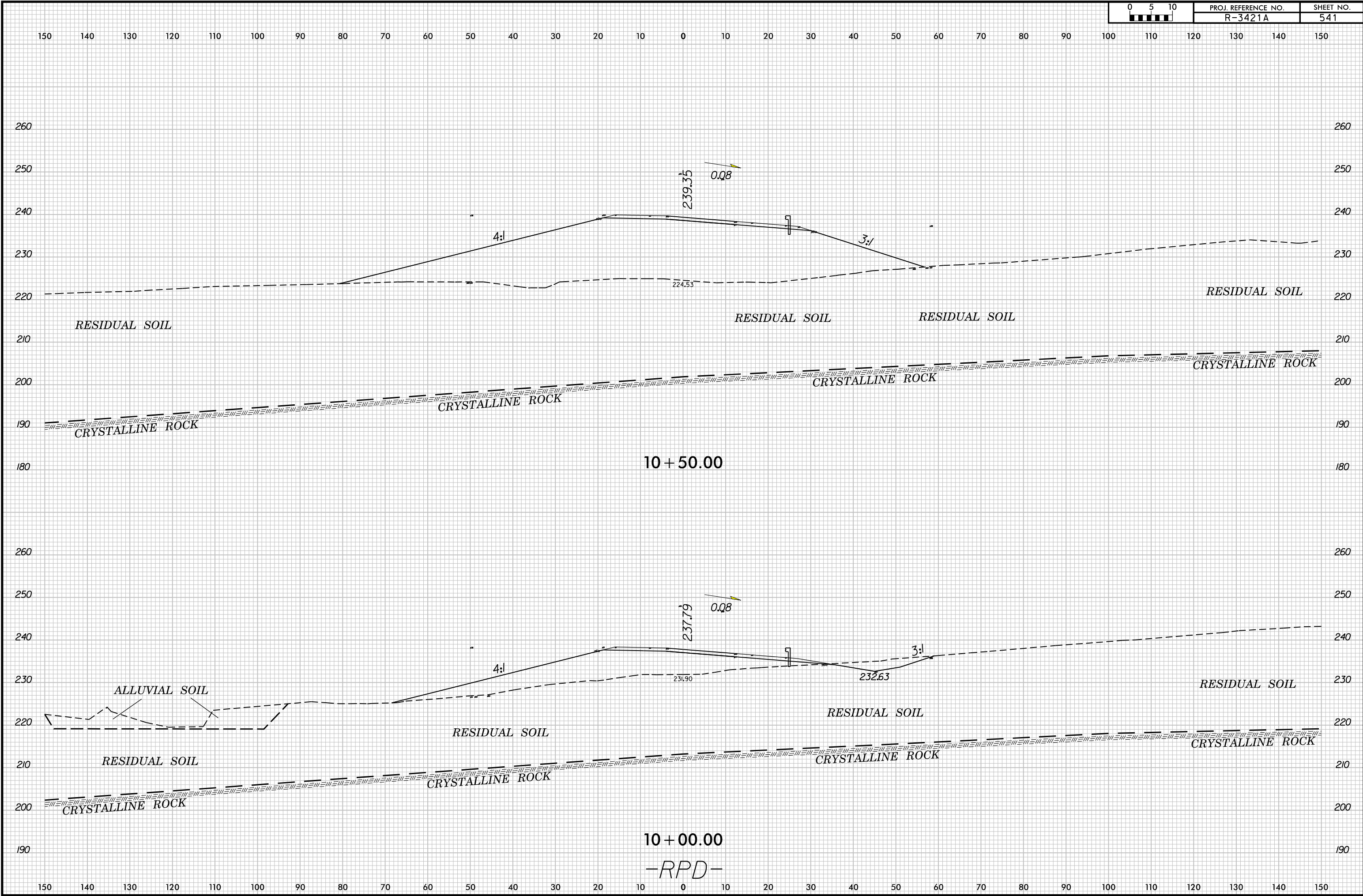


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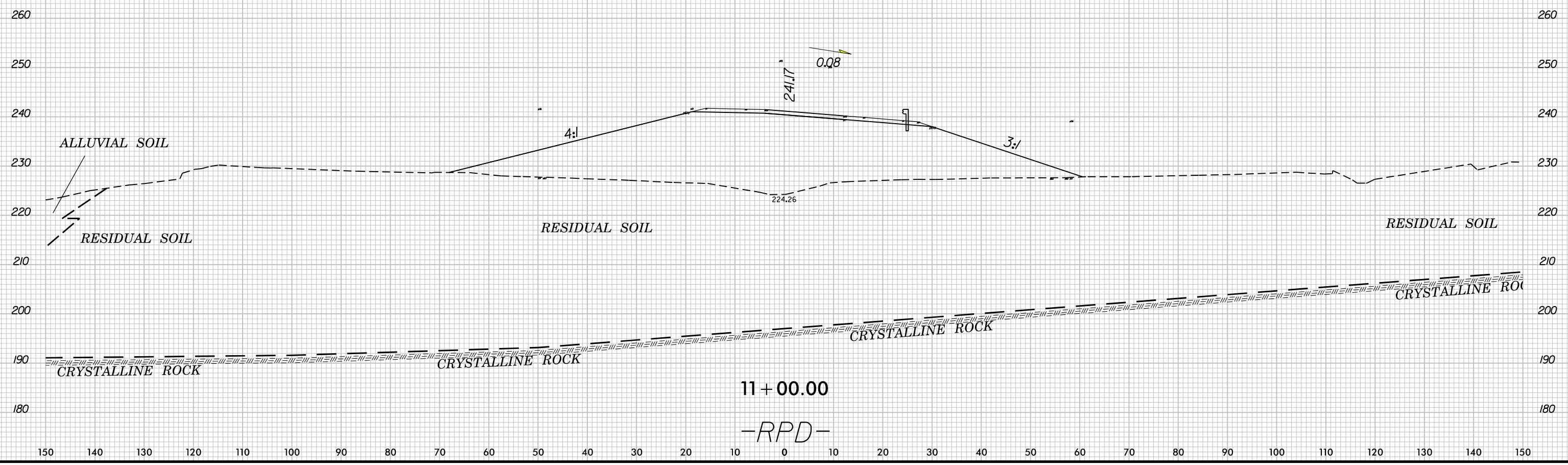
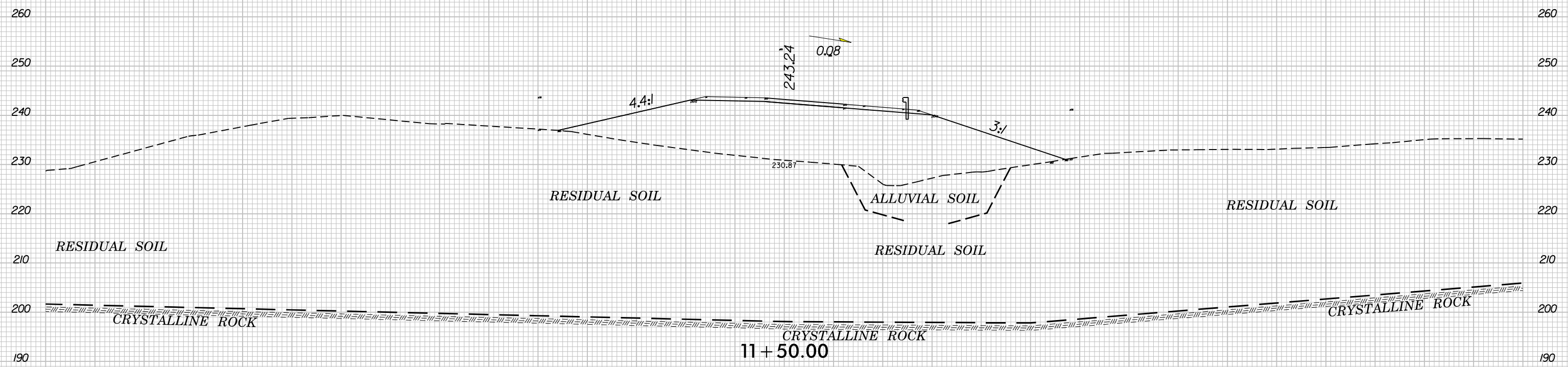
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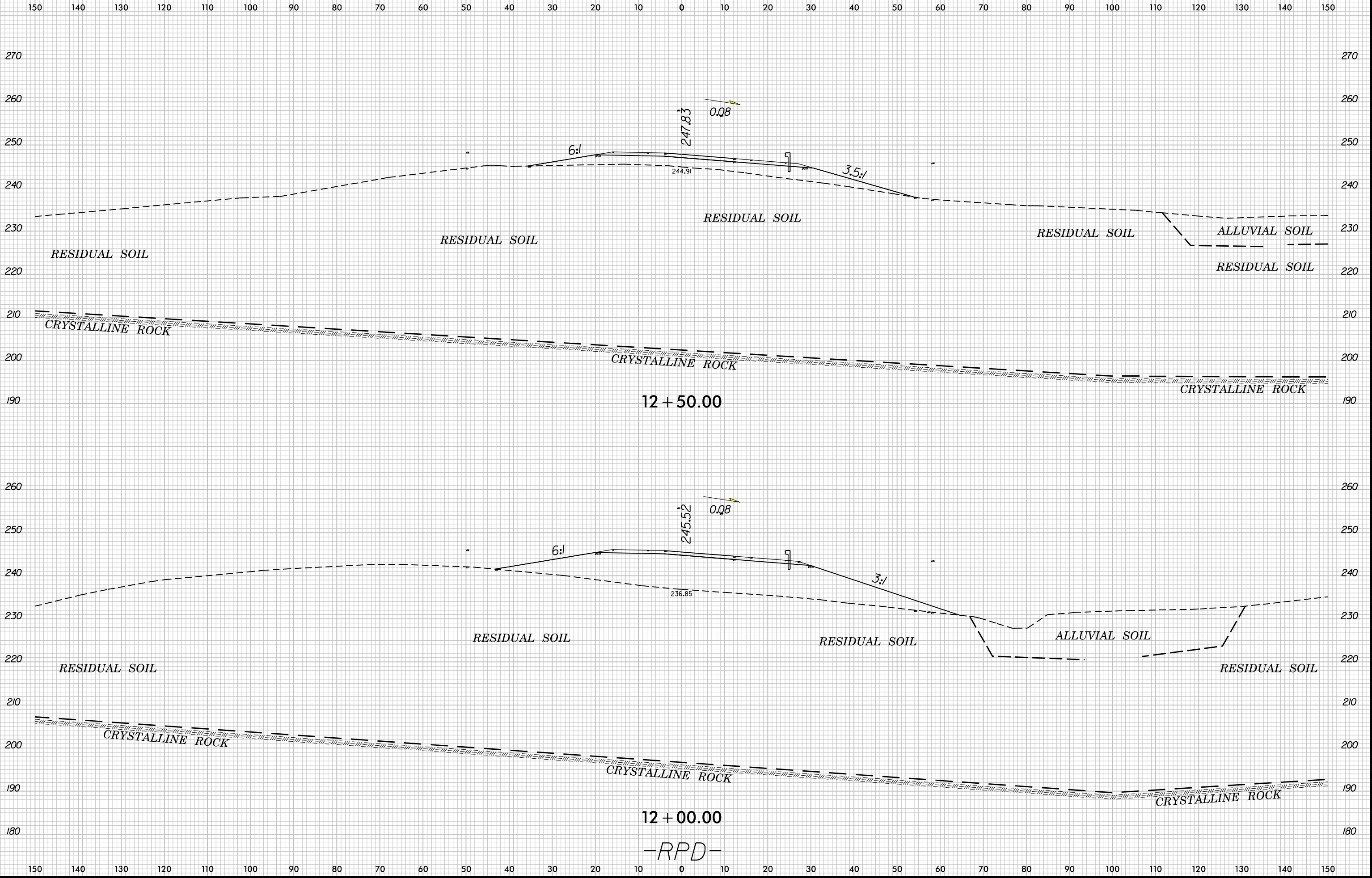
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-332A	CL	9+00	RPD 3.60-5.10	A-7-5(26)	71	30	10.2	18.7	28.5	42.7	100	95	75	-	-
SS-333B	CL	9+00	8.60-10.10	A-4(0)	37	3	30.5	39.4	19.9	10.2	100	83	37	-	-

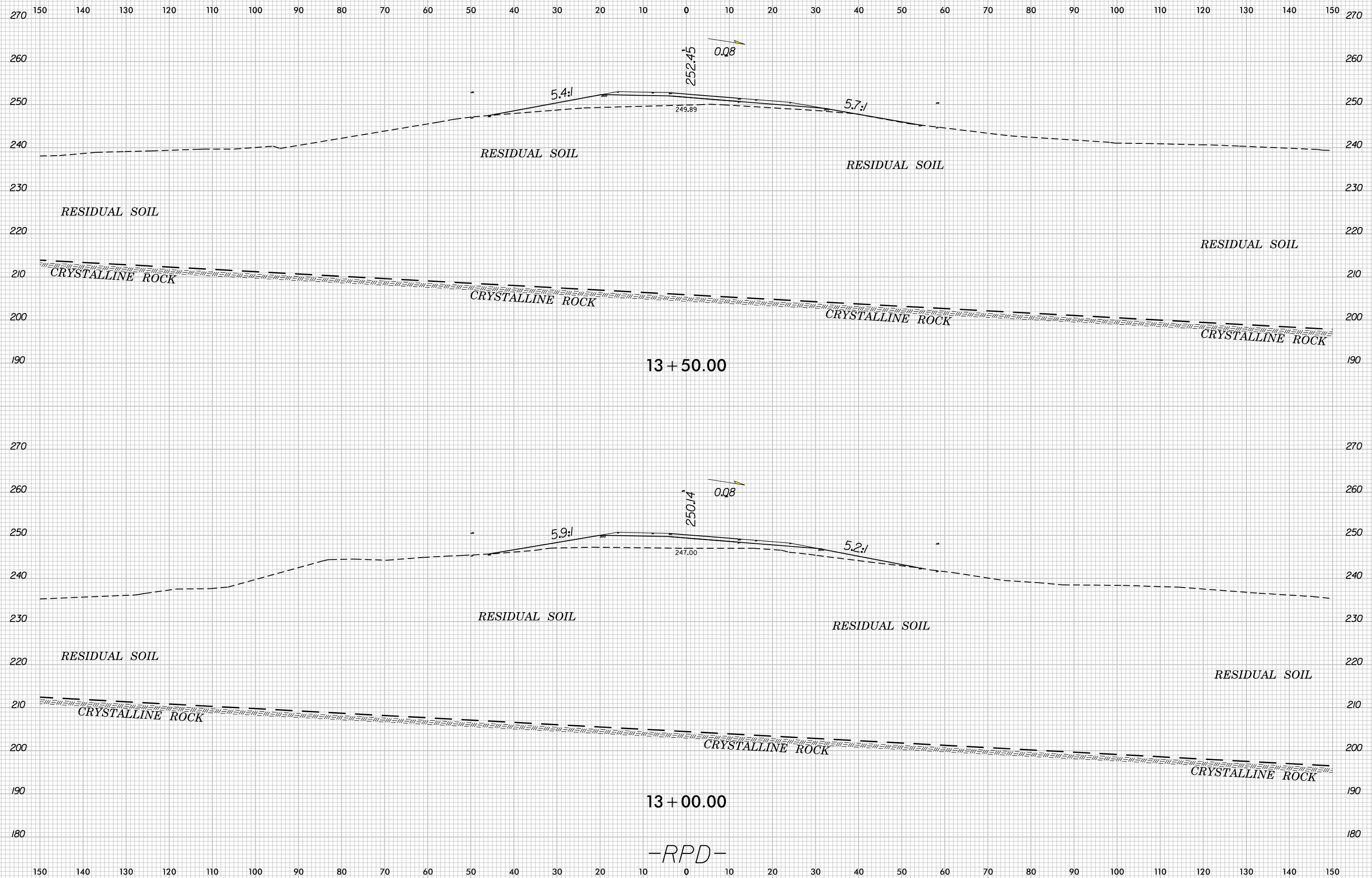




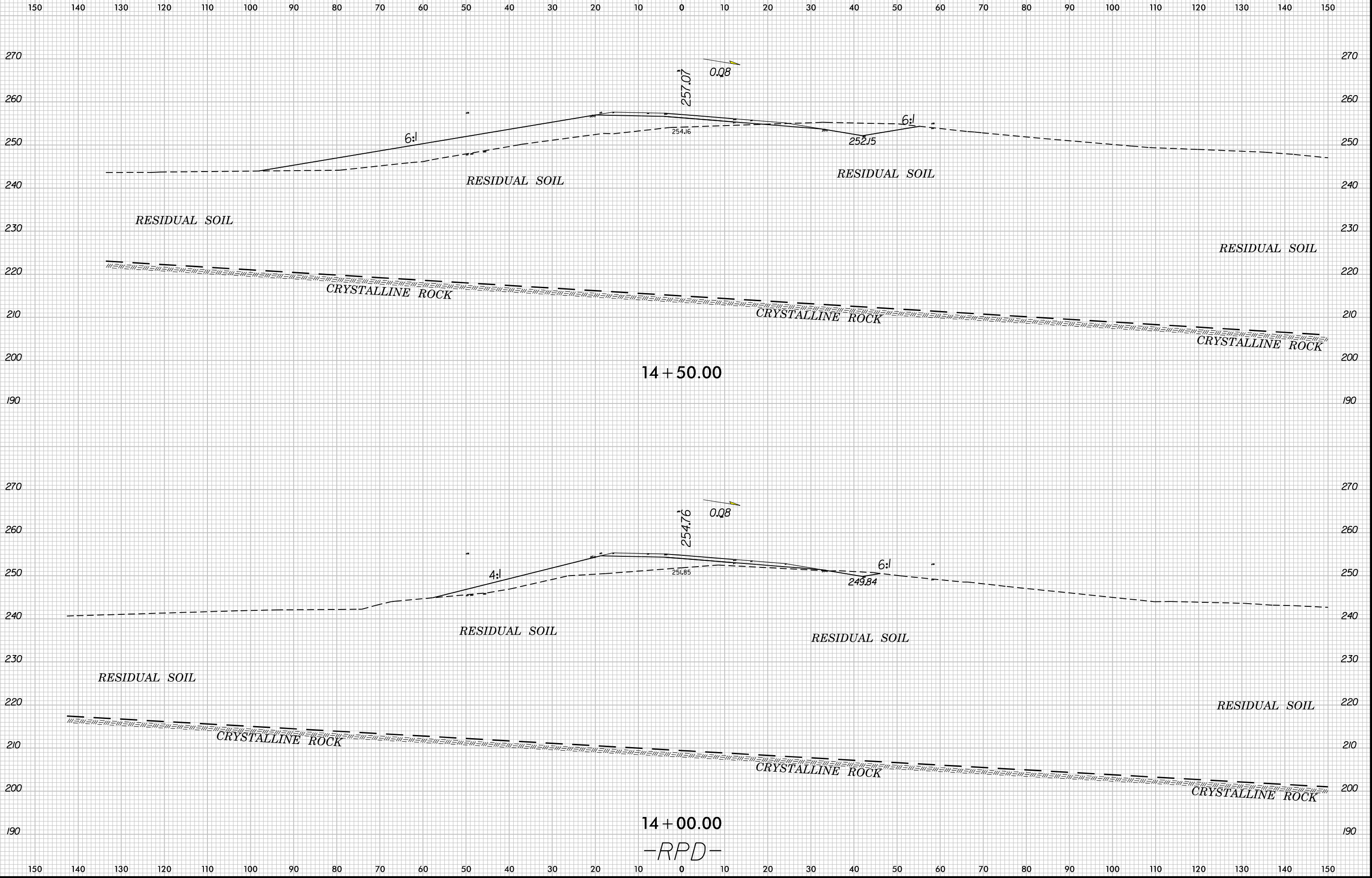
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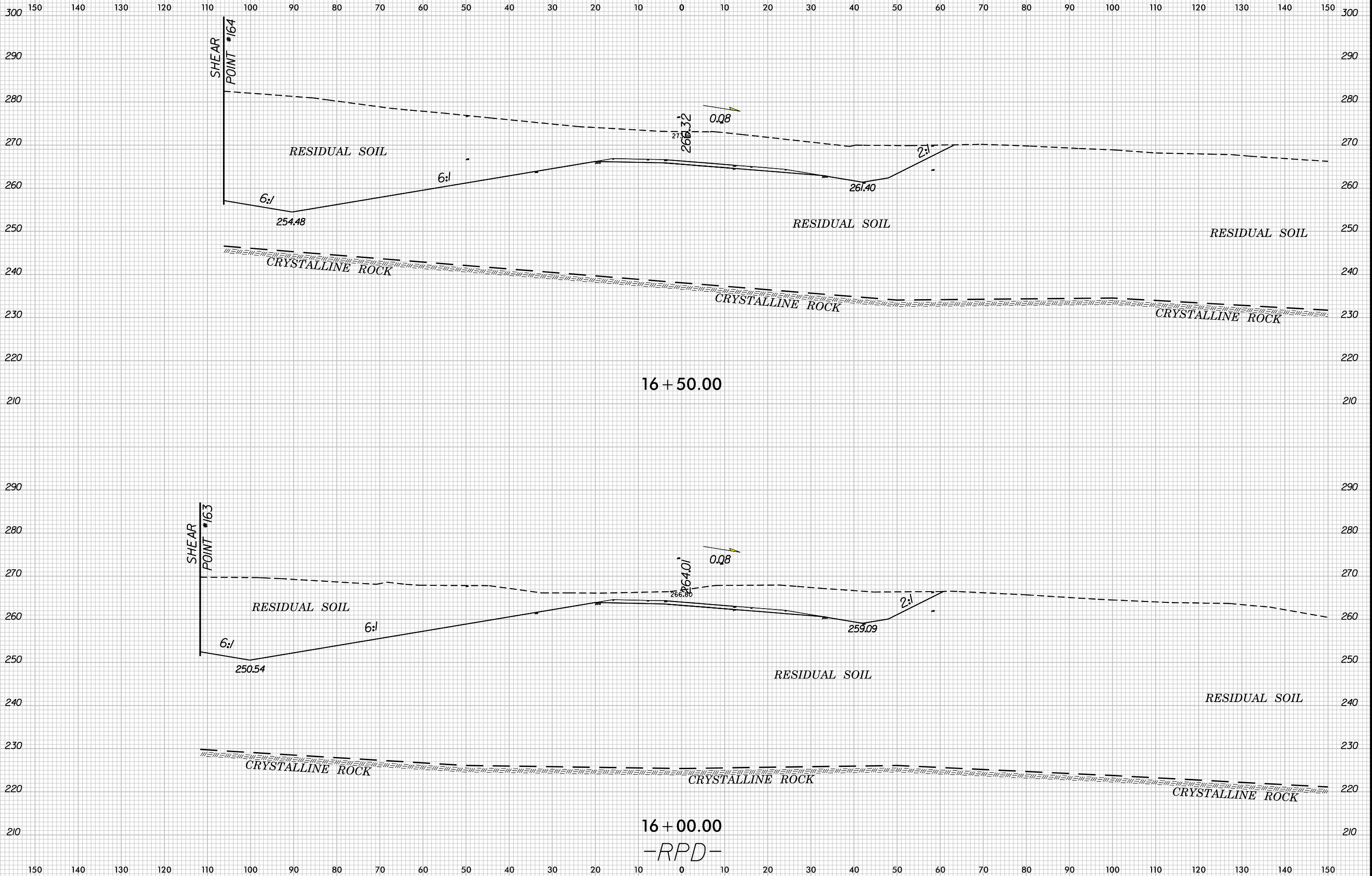




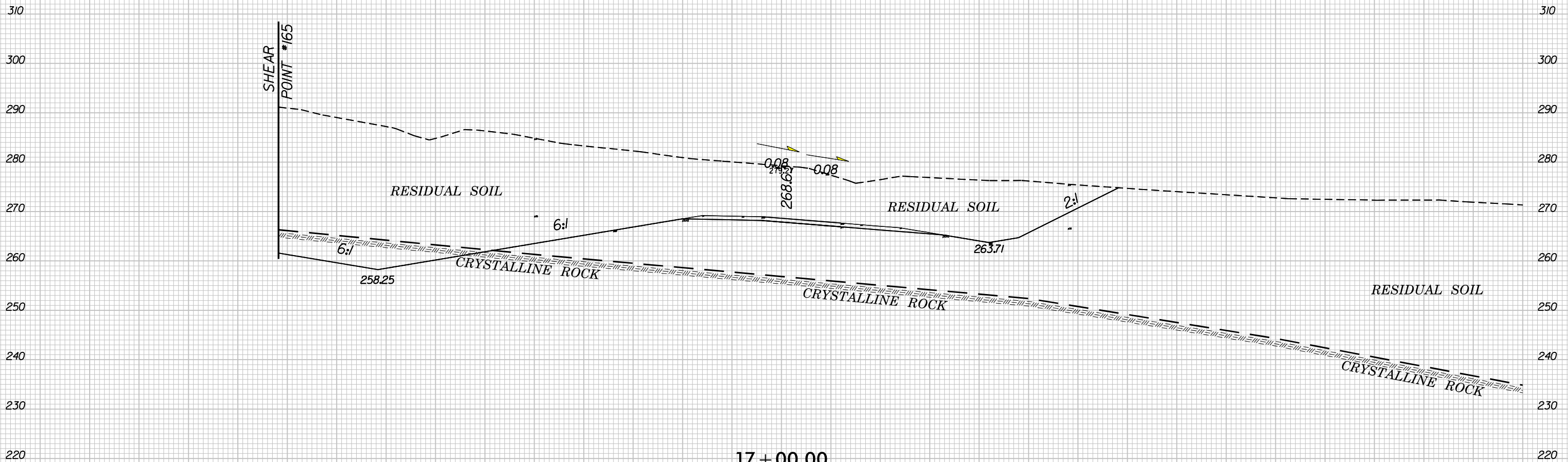


-RPD-





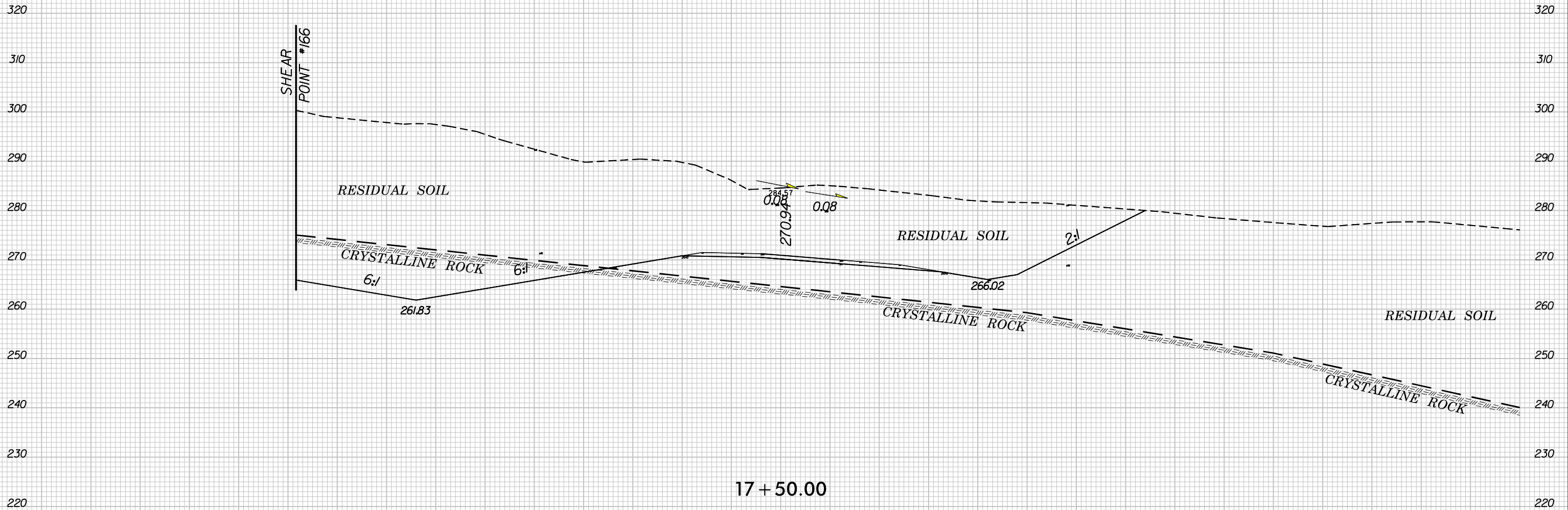
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



17+00.00
-RPD-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

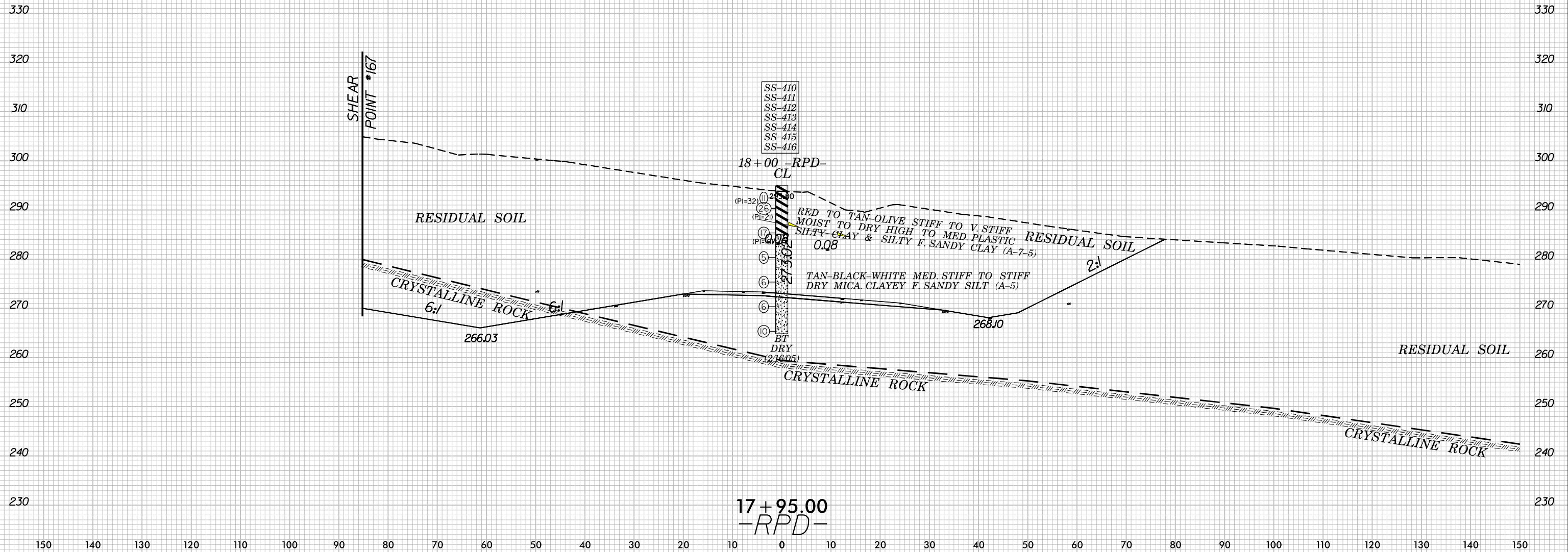


17+50.00
-RPD-

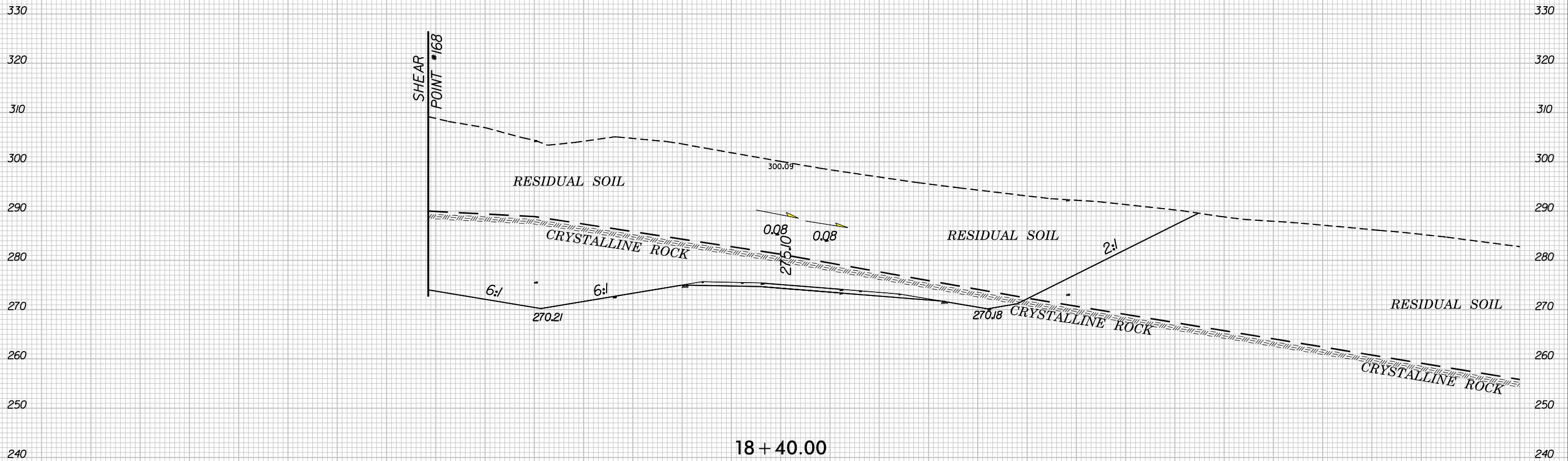
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-410	CL	18+00	RPD												
SS-411	CL	18+00	1.50-3.00	A-7-5(36)	78	32	5.1	9.8	11.5	73.6	100	98	87	-	-
SS-412	CL	18+00	3.60-5.10	A-7-5(19)	59	21	8.4	21.1	21.5	49.1	100	95	76	-	-
SS-413	CL	18+00	8.60-10.10	A-7-5(7)	52	16	19.8	25.8	23.7	30.7	89	77	54	-	-
SS-414	CL	18+00	13.60-15.10	A-5(2)	48	NP	11.0	37.6	32.9	18.4	100	95	62	-	-
SS-415	CL	18+00	18.60-20.10	A-5(8)	53	9	8.6	34.8	38.2	18.4	100	96	66	-	-
SS-416	CL	18+00	23.60-25.10	A-5(5)	53	9	13.3	37.4	30.9	18.4	100	94	57	-	-
SS-416	CL	18+00	28.60-30.10	A-5(0)	49	NP	22.3	47.4	20.0	10.2	100	89	38	-	-

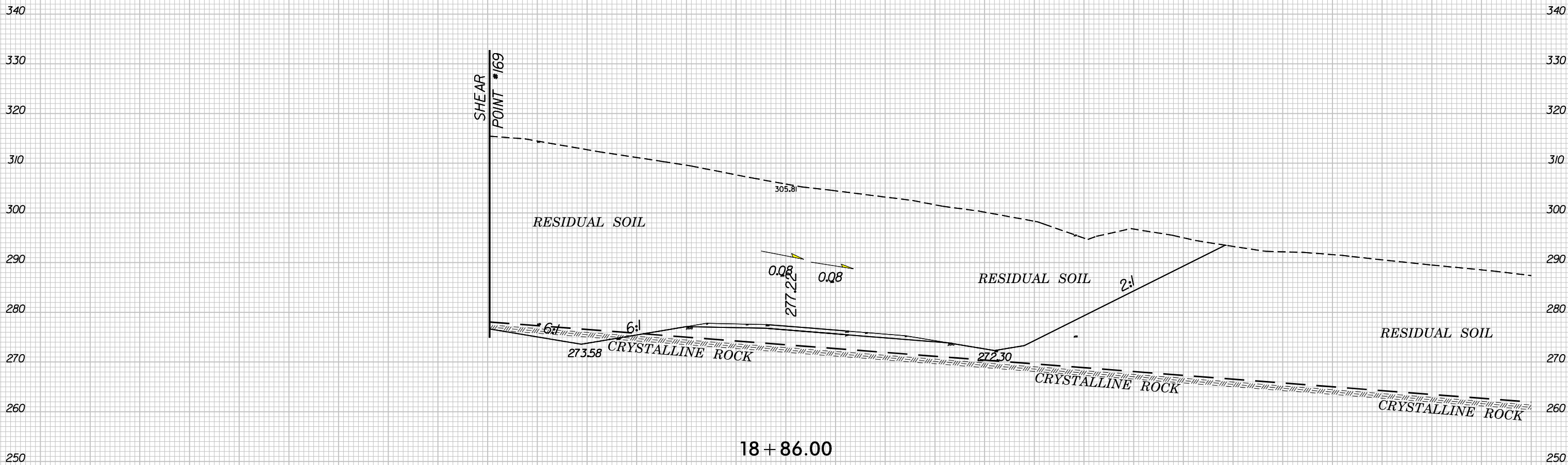


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

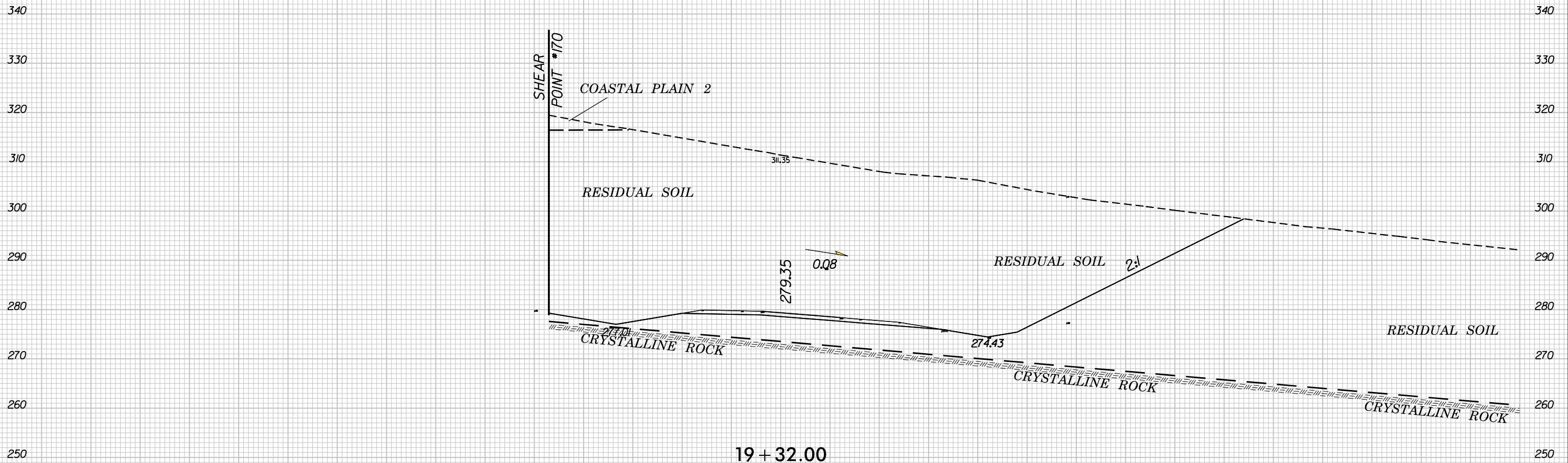
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18+86.00
-RPD-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



19 + 32.00
-RPD-

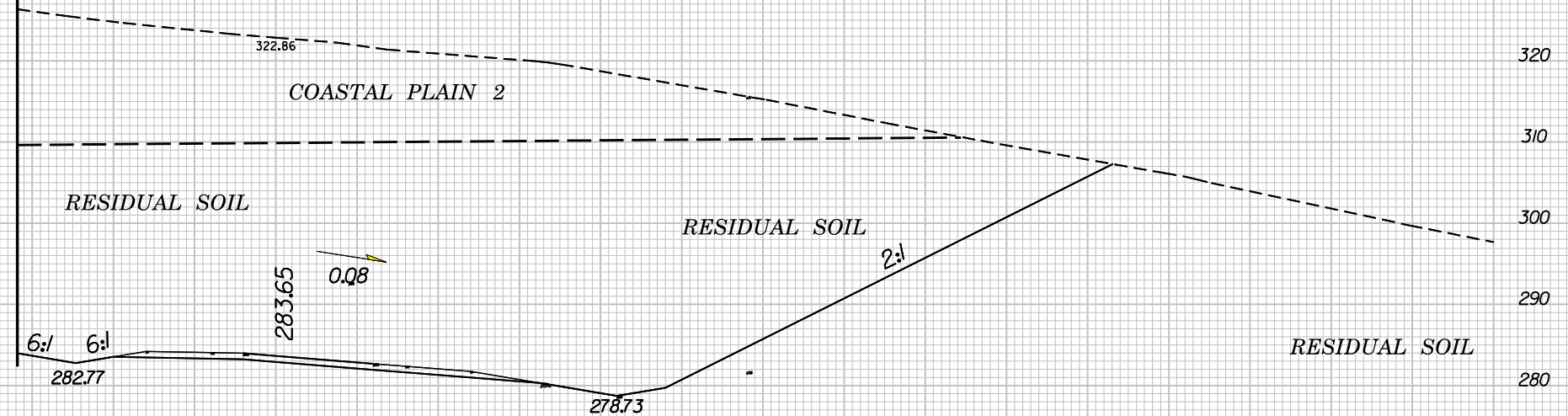
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

350
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260
250

SHEAR
POINT *172

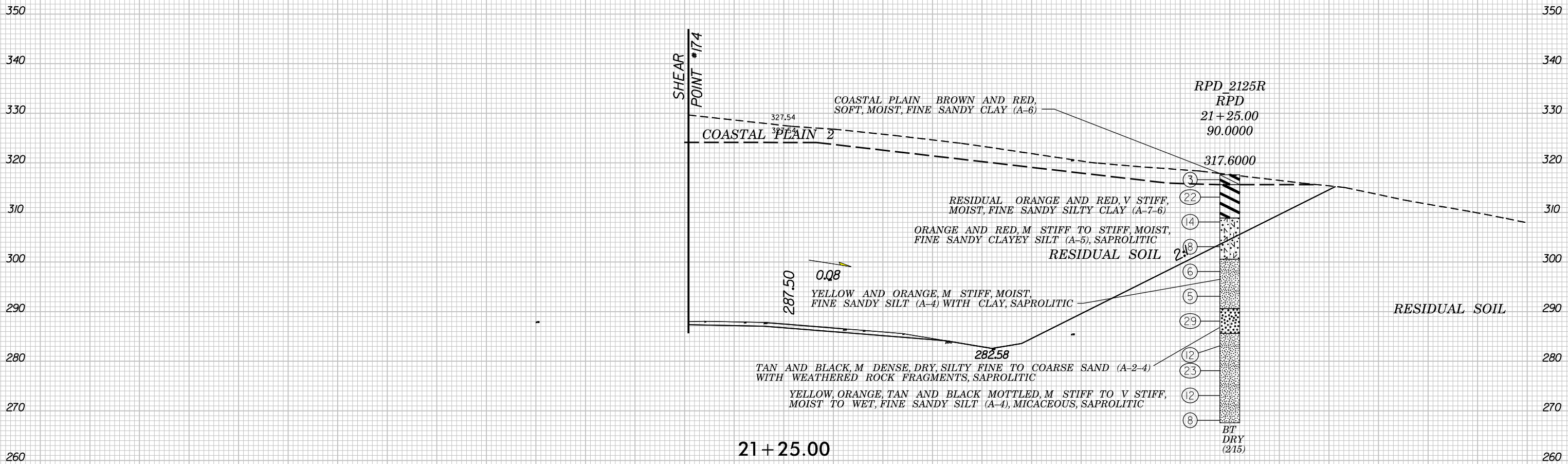


20 + 28.00

-RPD-

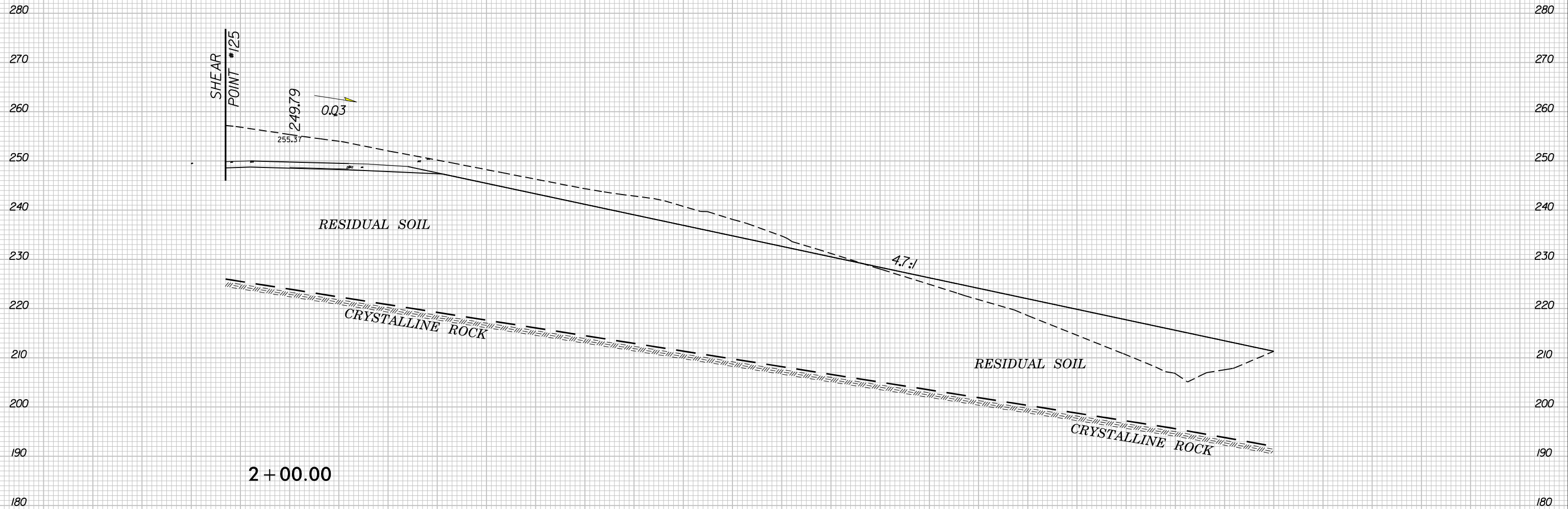
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



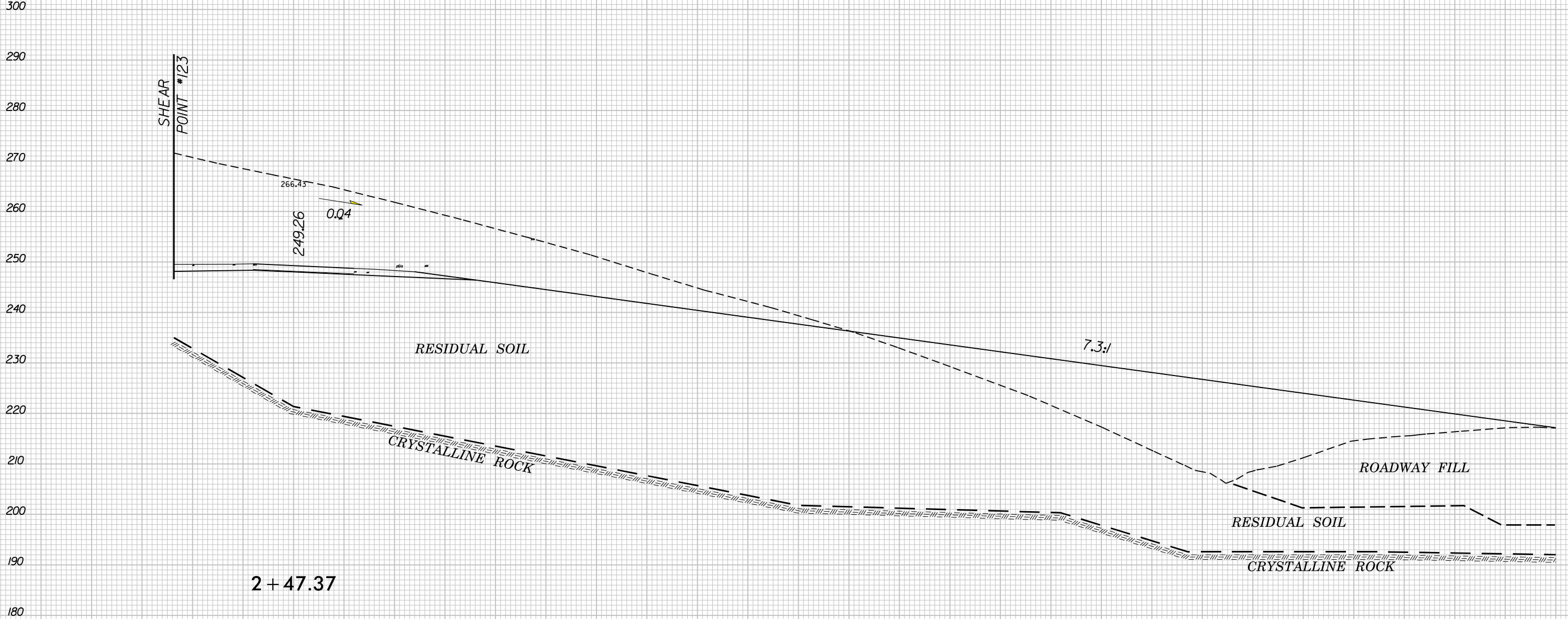
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50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250



-LPB-

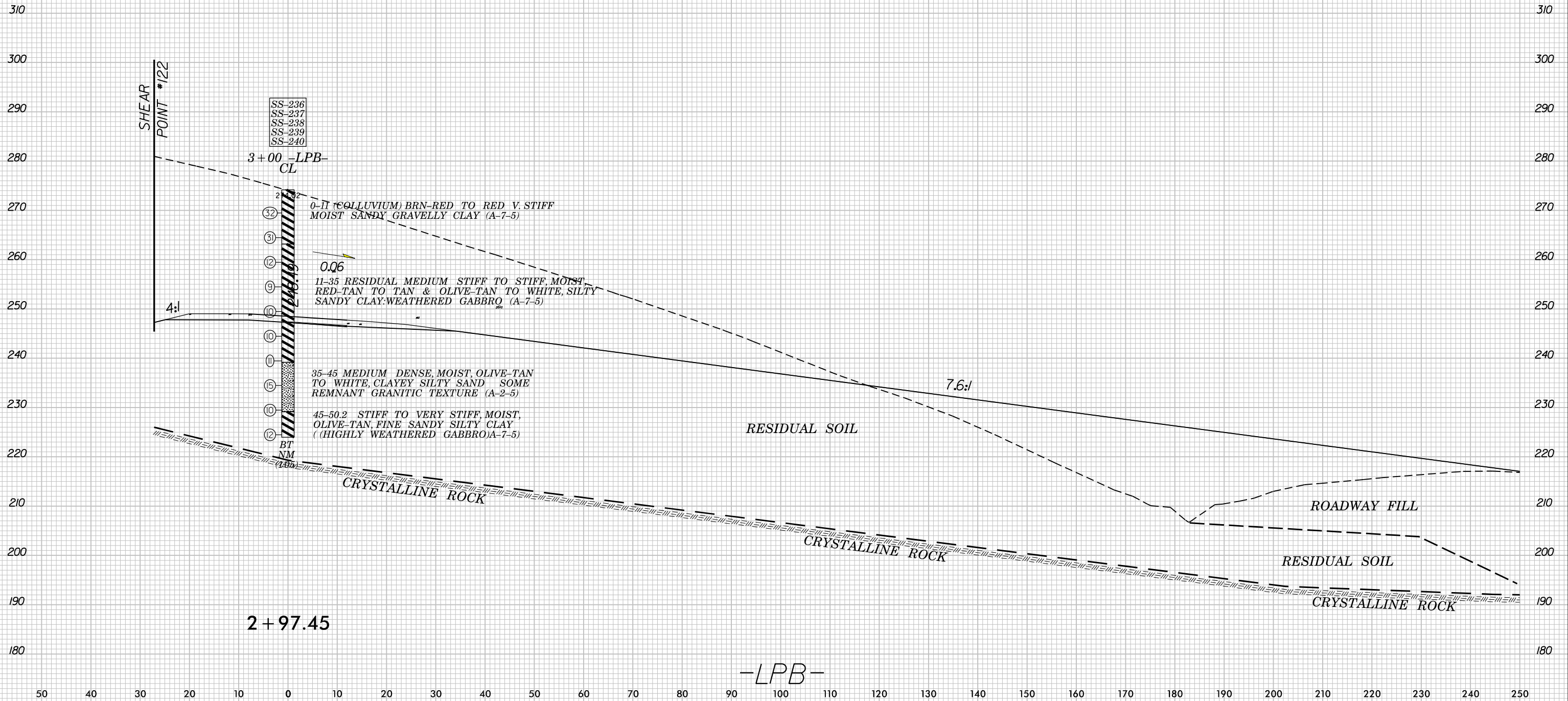
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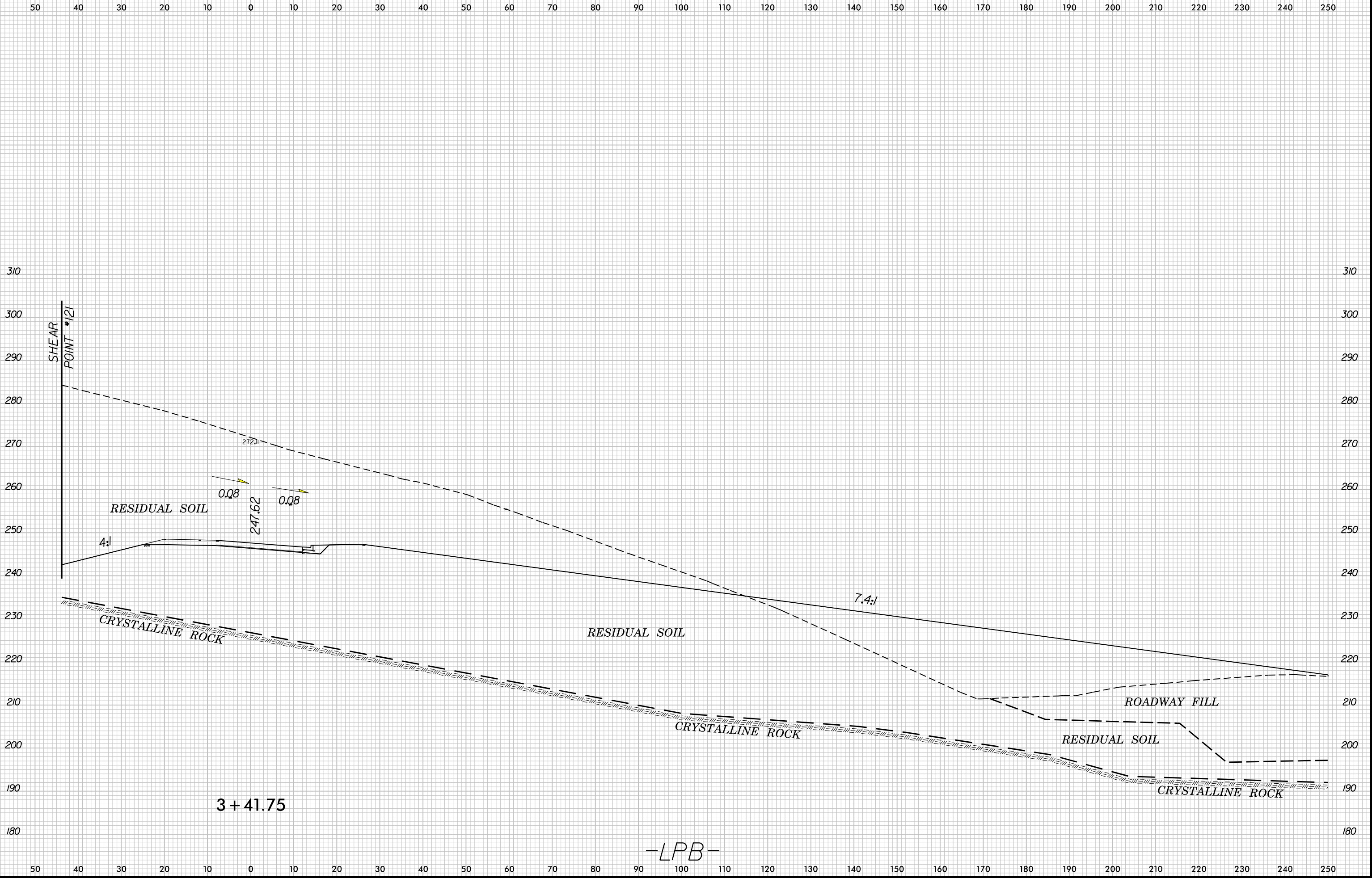


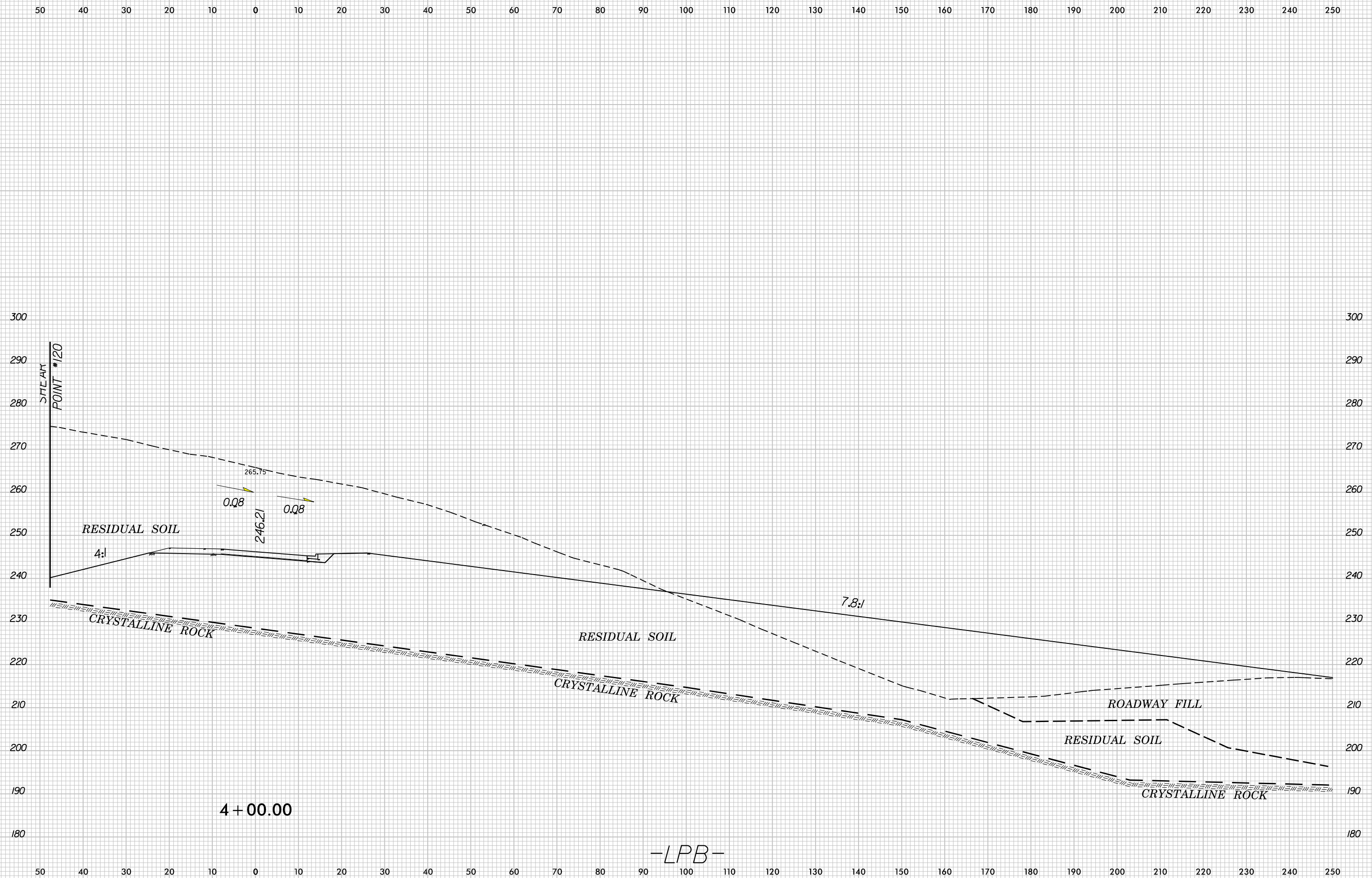
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50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-236	CL	3+00	13.70-15.20	A-7-5(24)	65	26	9.1	16.3	14.1	60.5	98	93	77	-	-
SS-237	CL	3+00	18.70-20.20	A-7-5(13)	65	13	5.8	32.3	31.7	30.2	100	99	71	-	-
SS-238	CL	3+00	28.70-30.20	A-7-5(12)	60	13	6.7	32.5	36.7	24.2	100	97	70	-	-
SS-239	CL	3+00	38.70-40.20	A-2-5(0)	53	NP	47.6	20.8	21.6	10.1	100	60	35	-	-
SS-240	CL	3+00	48.70-50.20	A-7-5(14)	60	11	3.0	32.9	44.0	20.2	100	99	78	-	-





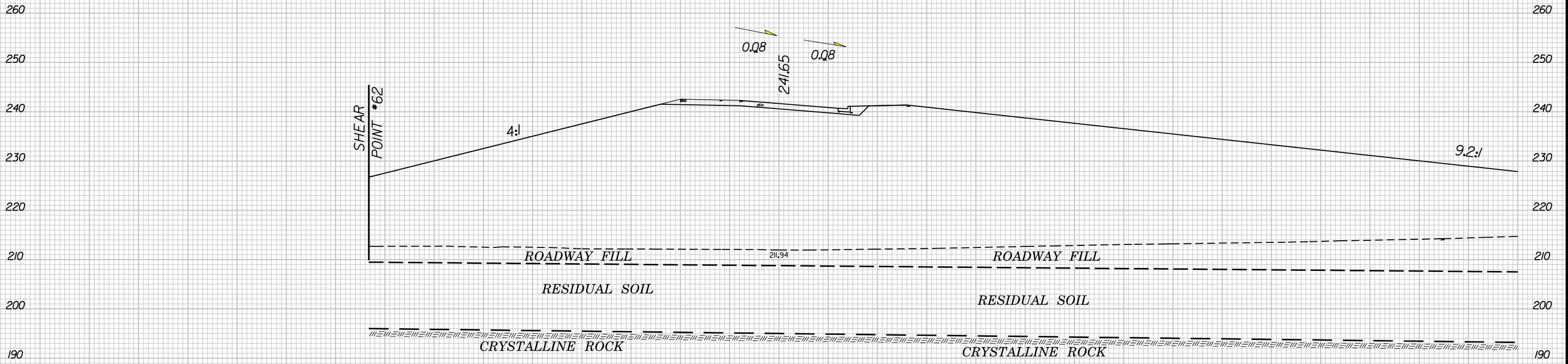


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R-3421A GEO.XST.LPB.XPL.DGN
R-3421A

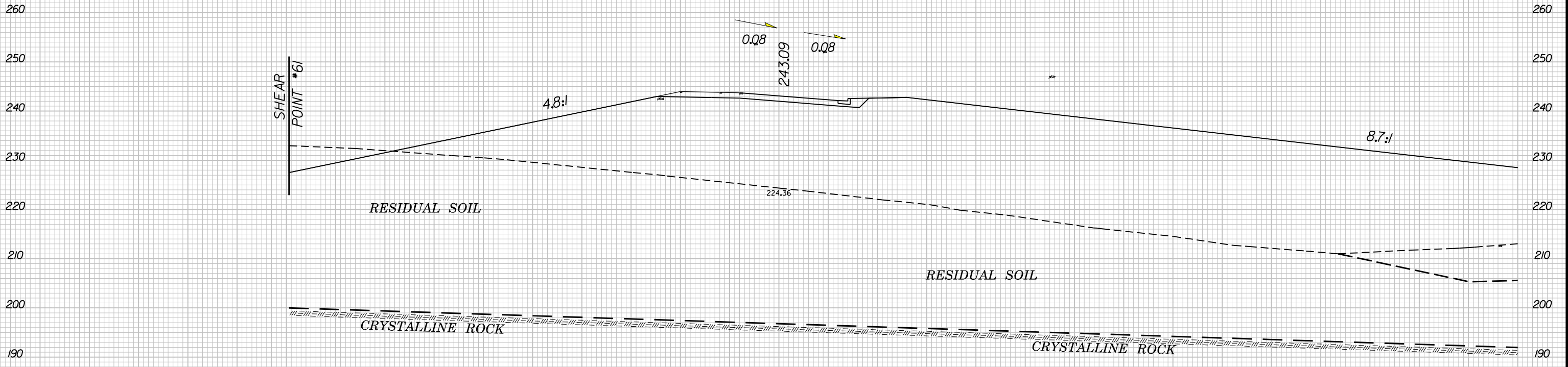
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



5 + 40.07

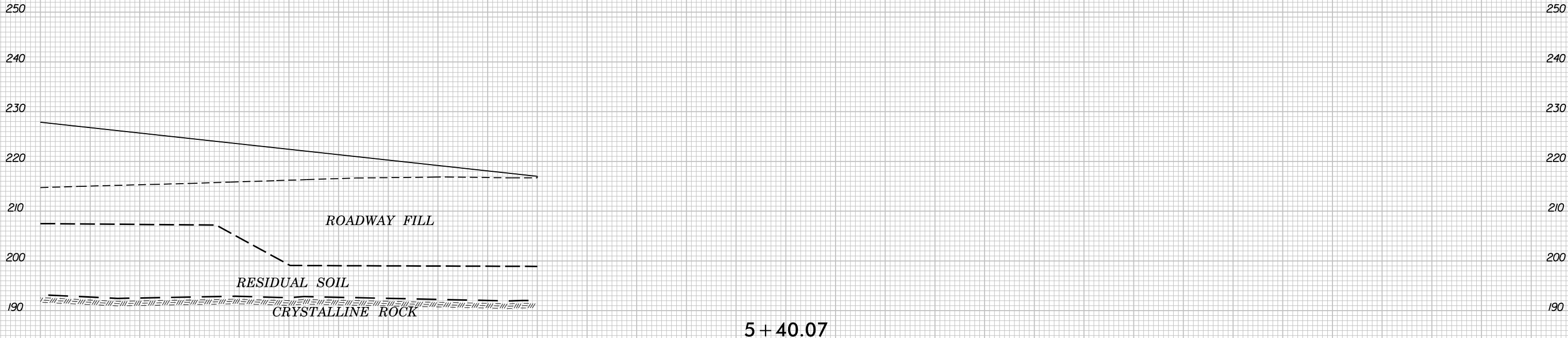


5 + 00.00

-LPB-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450



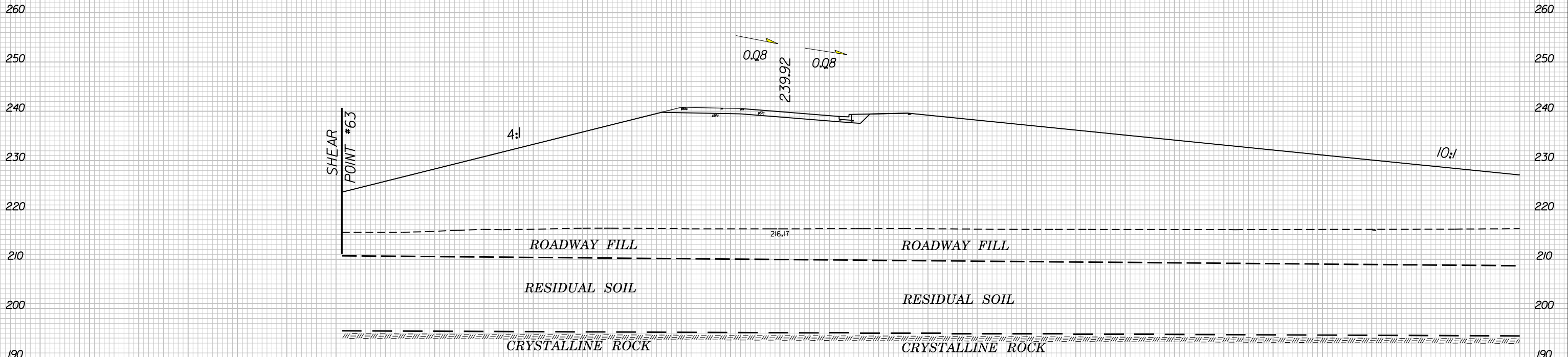
150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450

-LPB-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



6 + 30.97

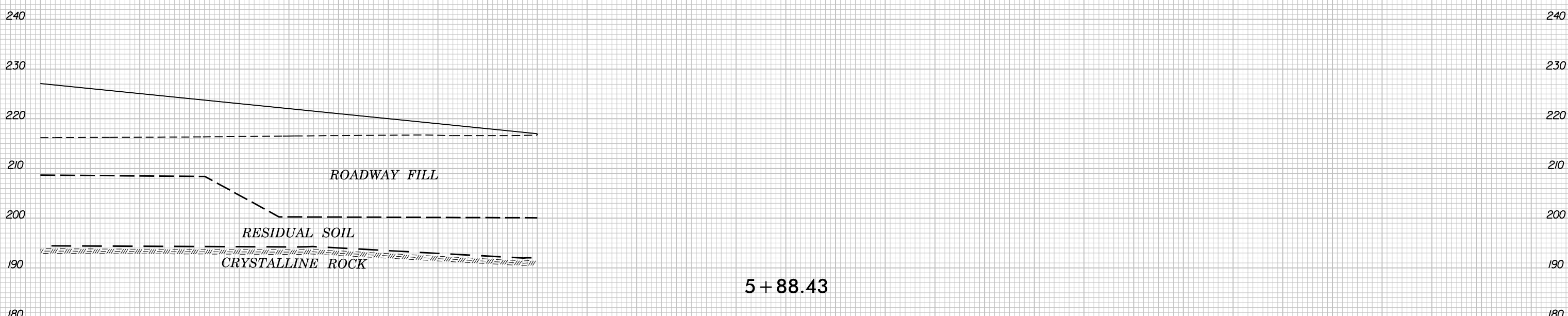
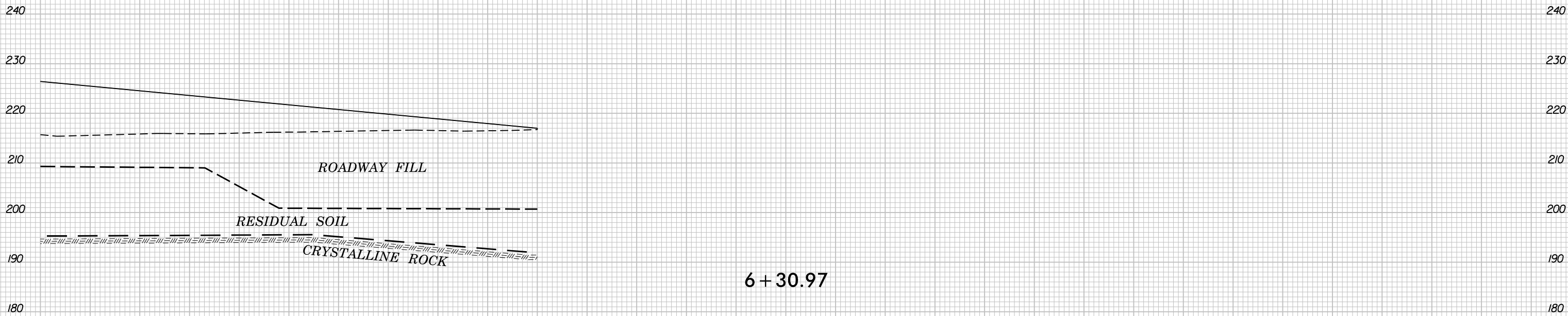


5 + 88.43

-LPB-

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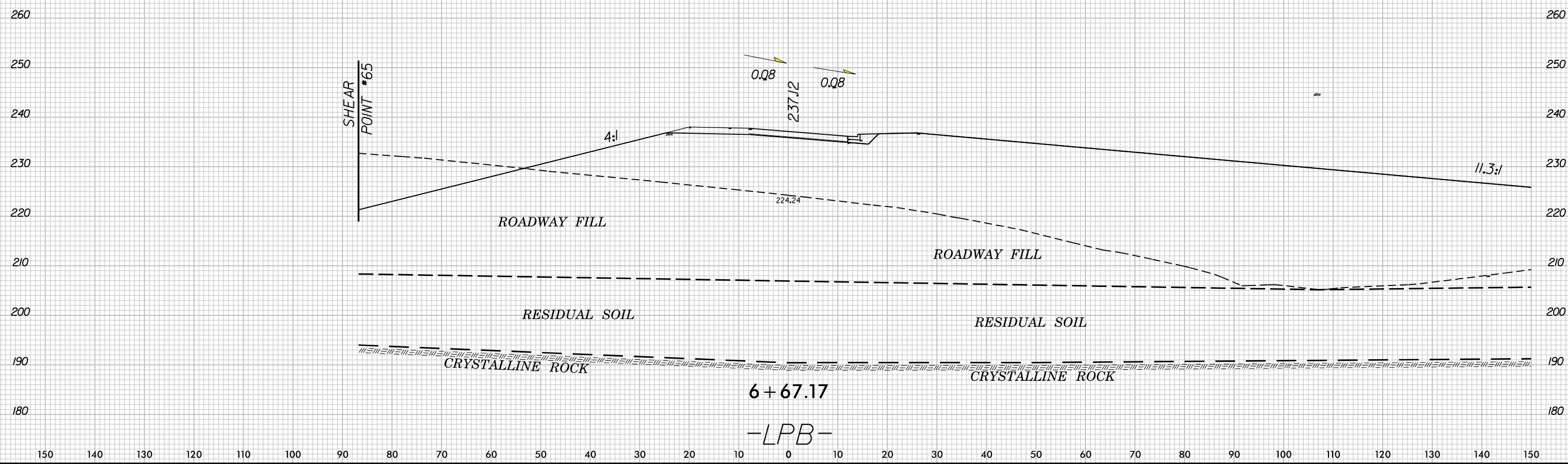
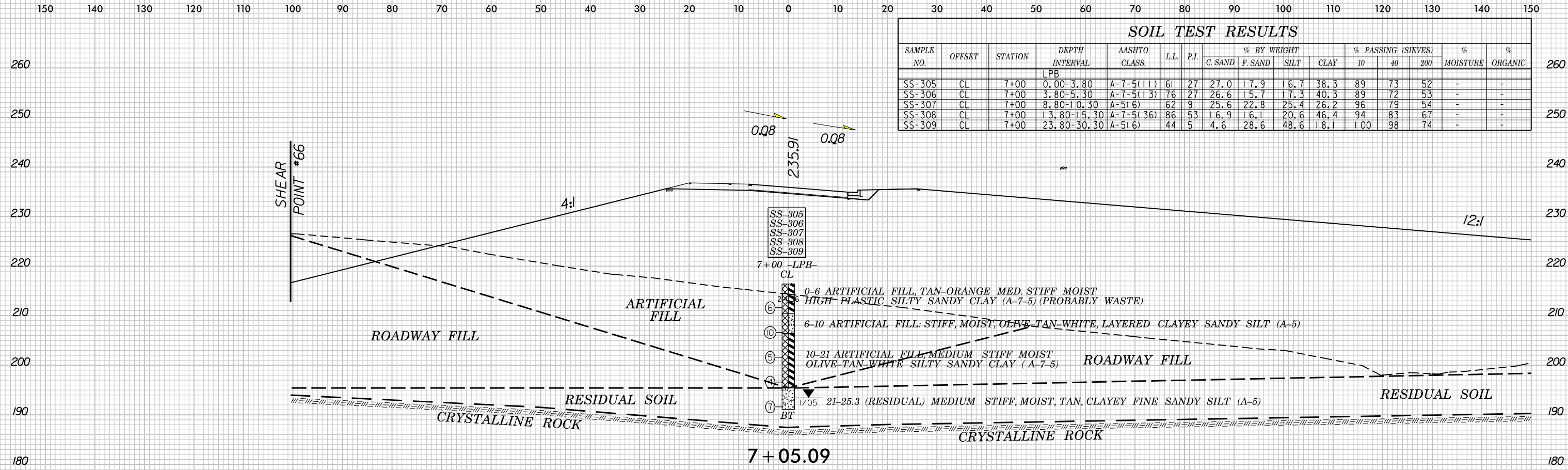
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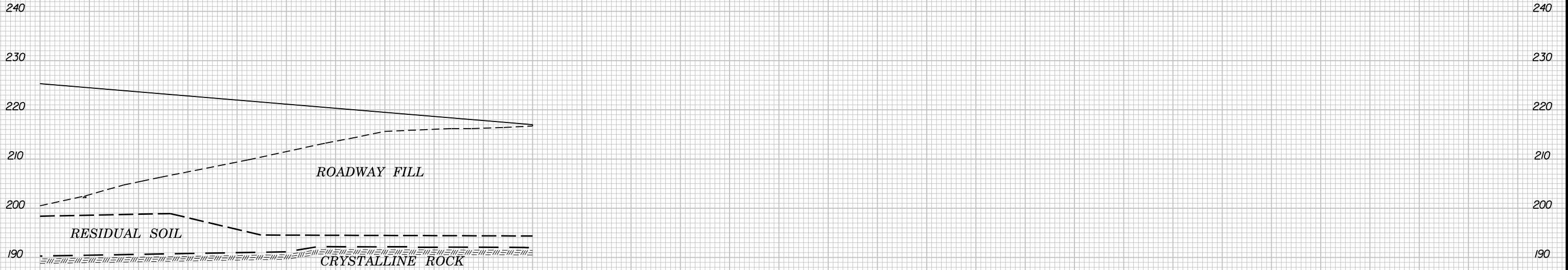
150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450

-LPB-

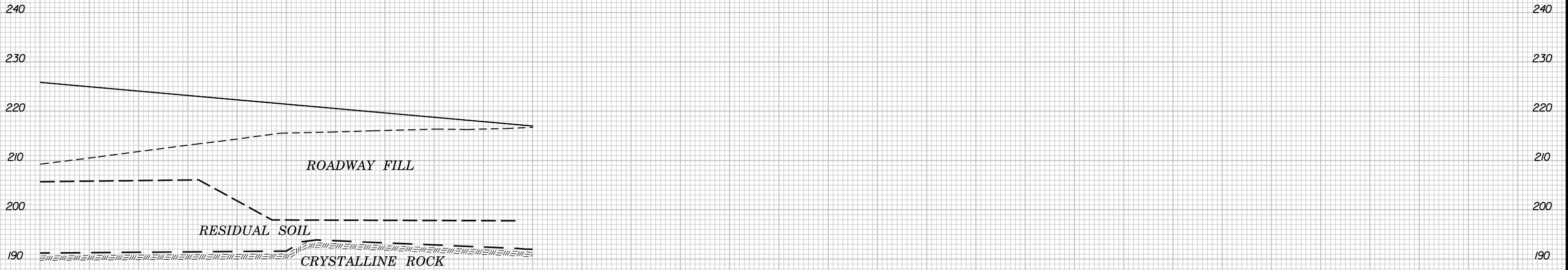
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-305	CL	7+00	0.00-3.80	A-7-5(11)	61	27	27.0	17.9	16.7	38.3	89	73	52	-	-
SS-306	CL	7+00	3.80-5.30	A-7-5(13)	76	27	26.6	15.7	17.3	40.3	89	72	53	-	-
SS-307	CL	7+00	8.80-10.30	A-5(6)	62	9	25.6	22.8	25.4	26.2	96	79	54	-	-
SS-308	CL	7+00	13.80-15.30	A-7-5(36)	86	53	16.9	16.1	20.6	46.4	94	83	67	-	-
SS-309	CL	7+00	23.80-30.30	A-5(6)	44	5	4.6	28.6	48.6	18.1	100	98	74	-	-



150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450



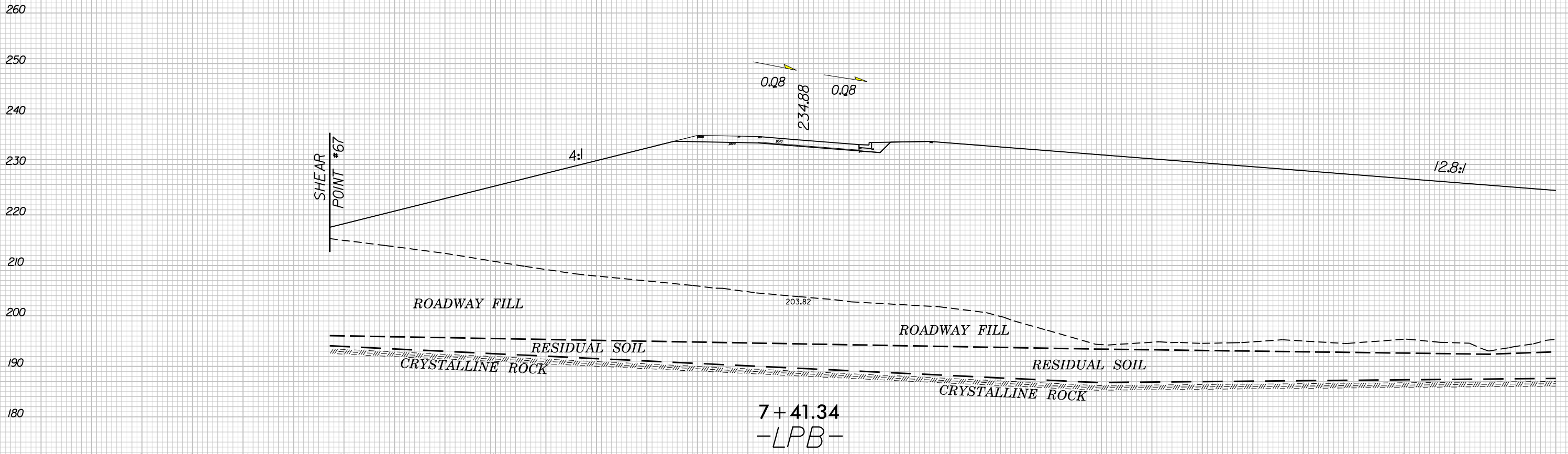
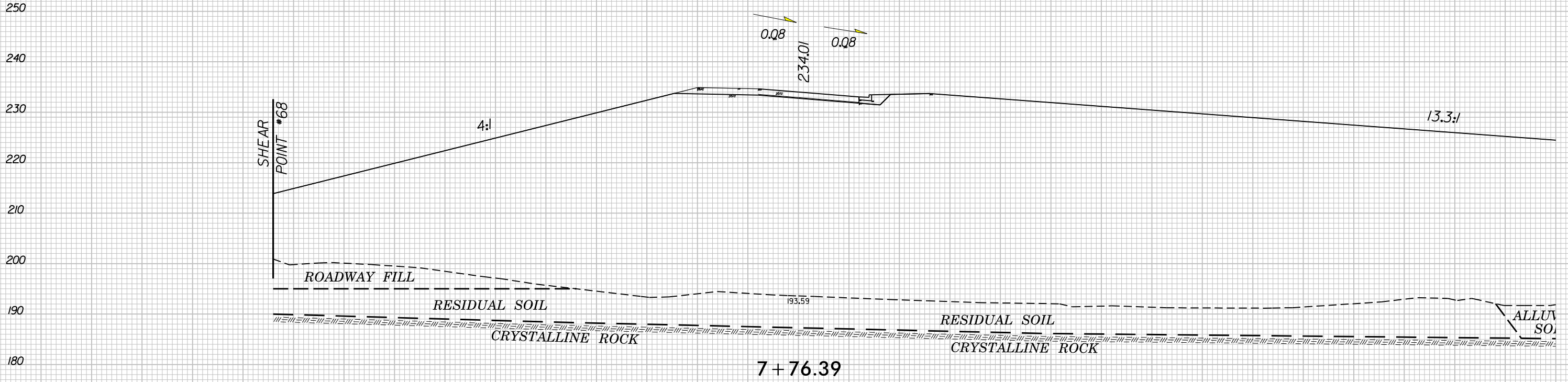
7 + 05.09



6 + 67.17

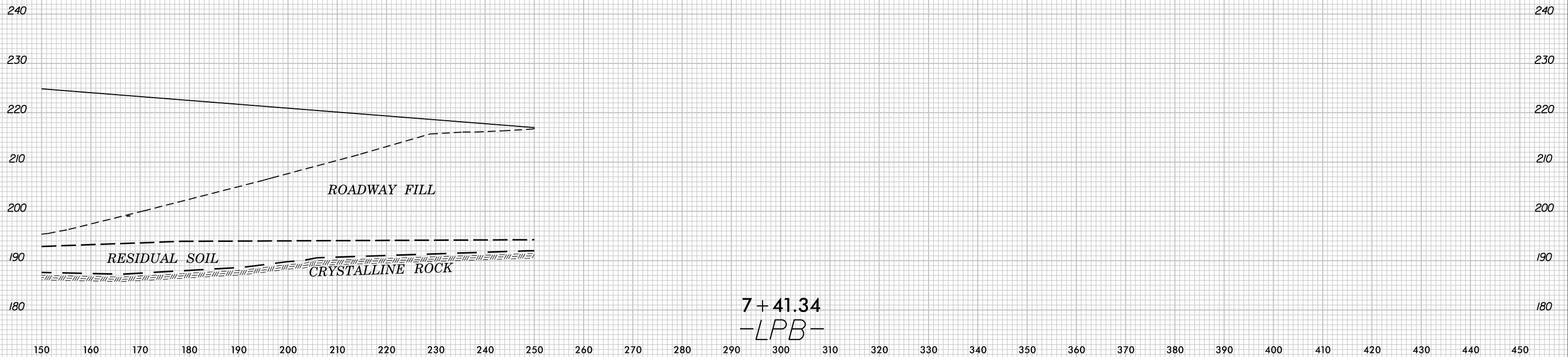
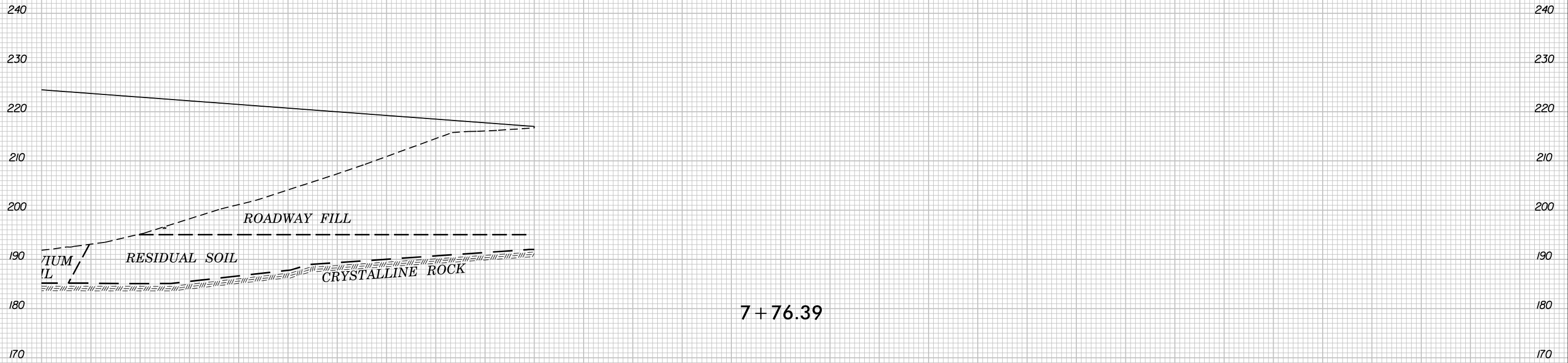
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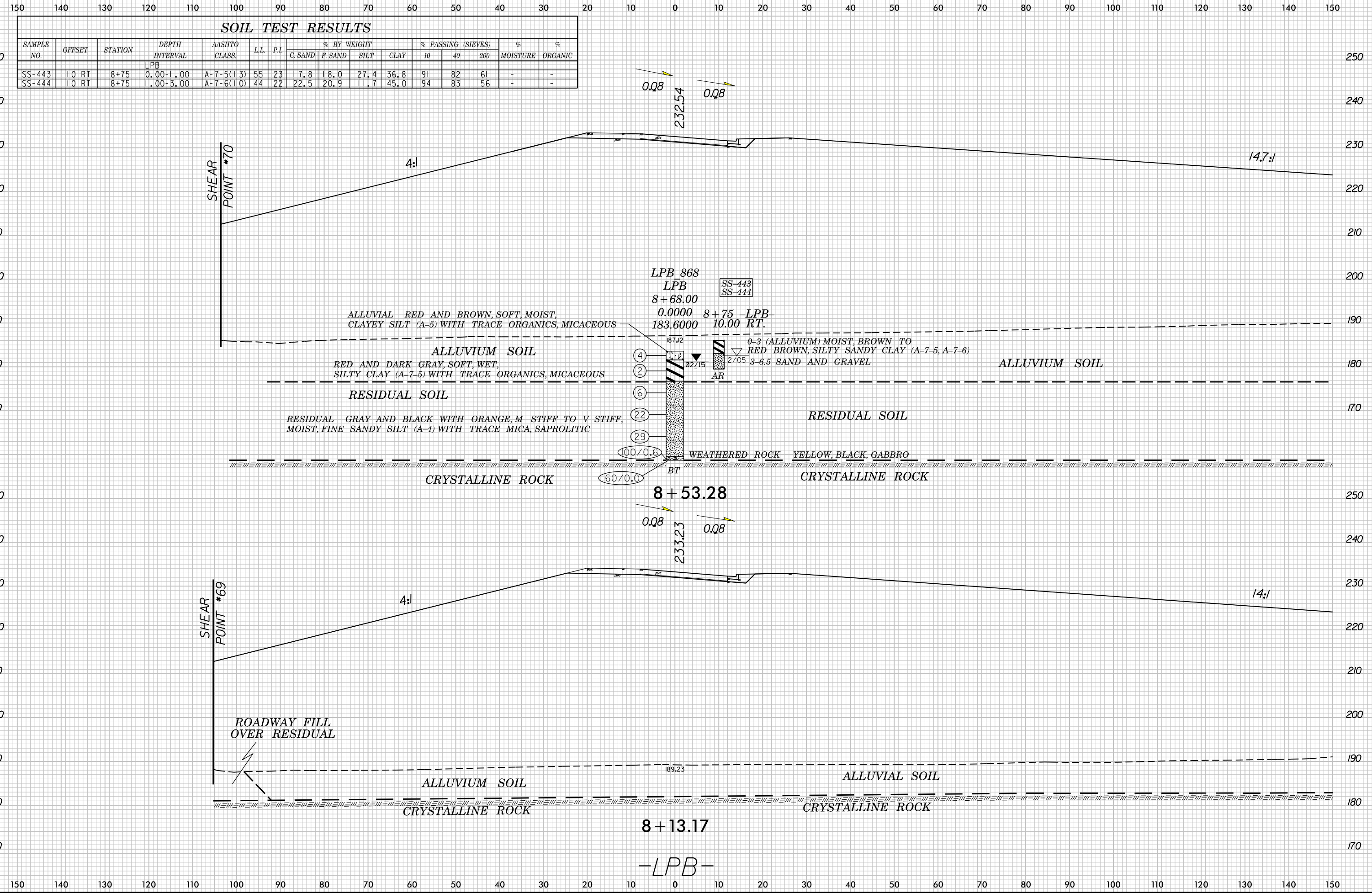
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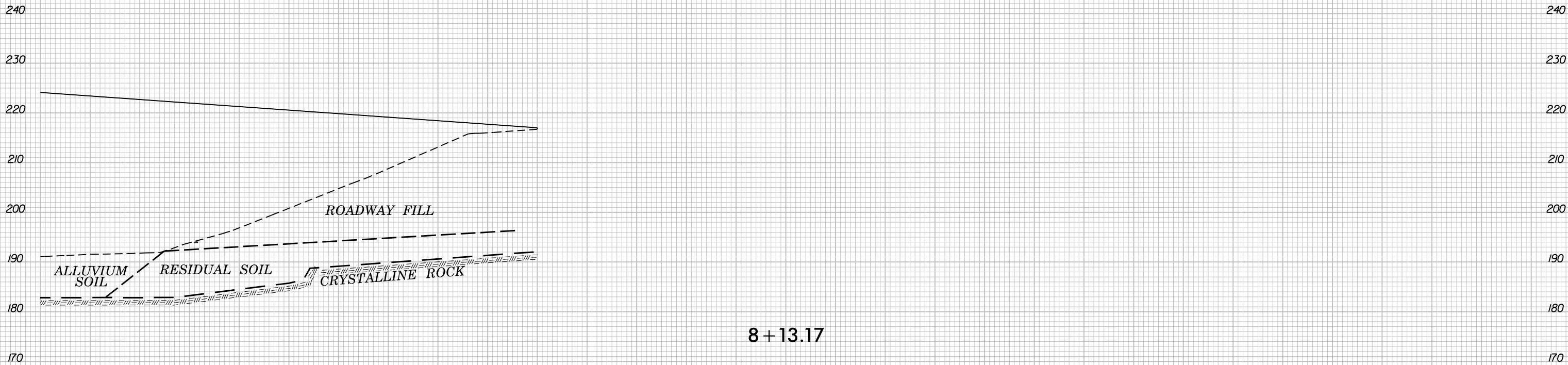
-LPB-

8/23/99



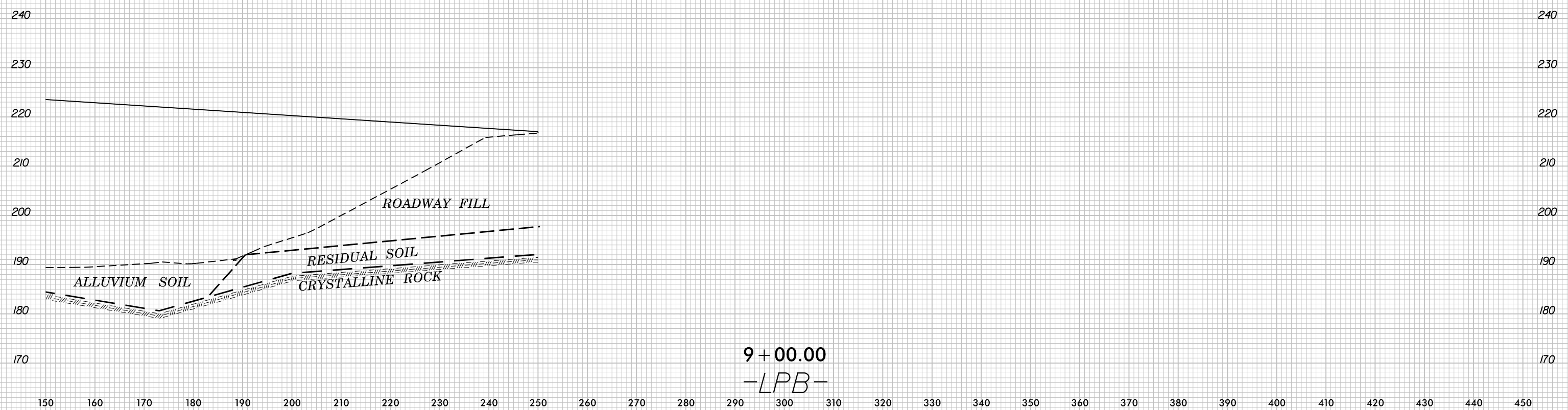
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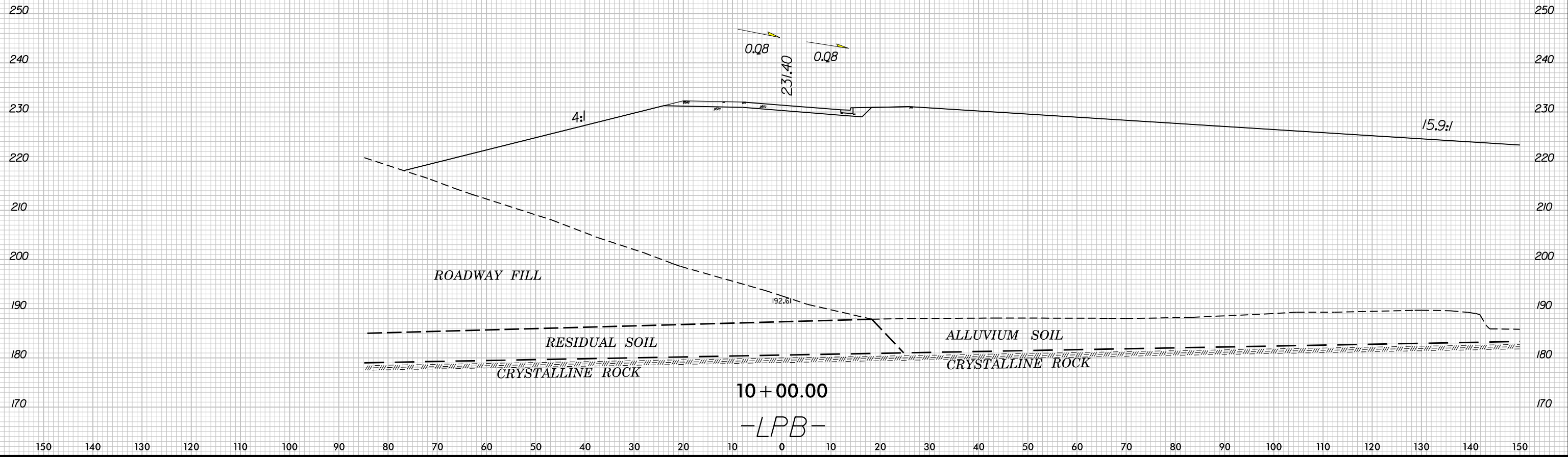


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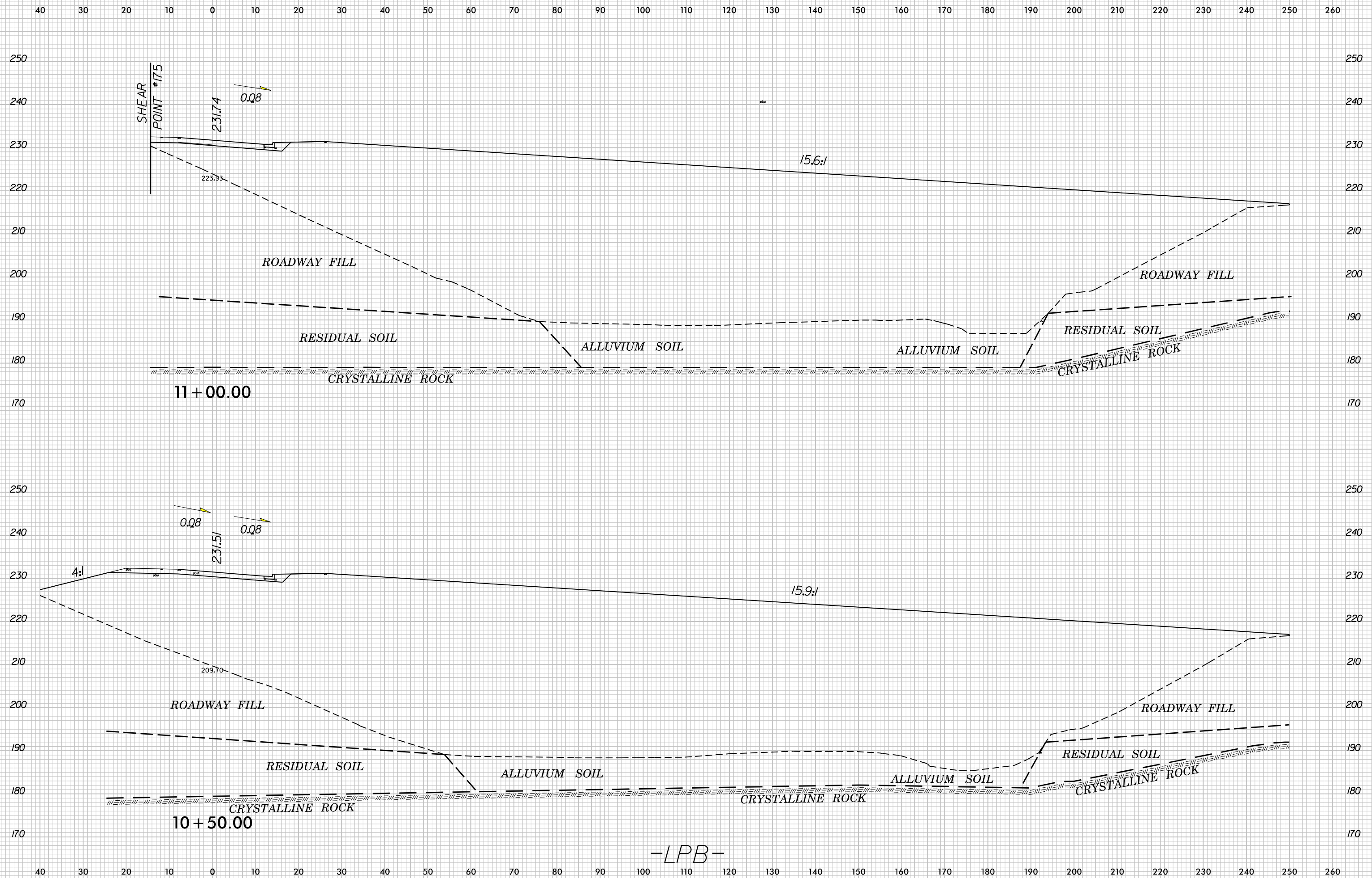


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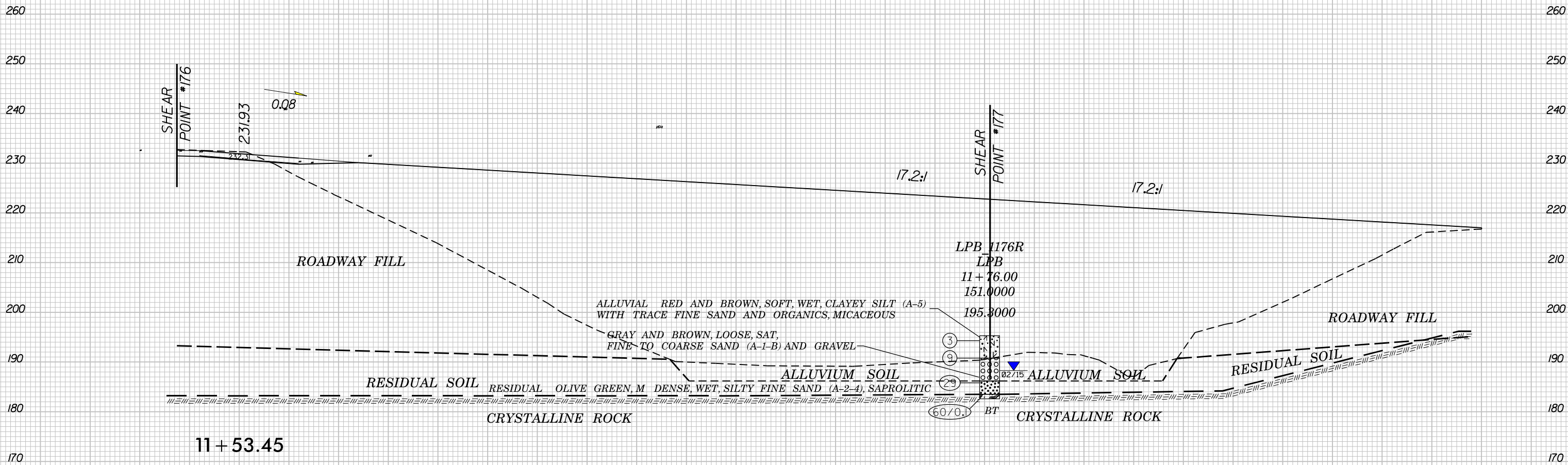
8/23/99



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-LPB-

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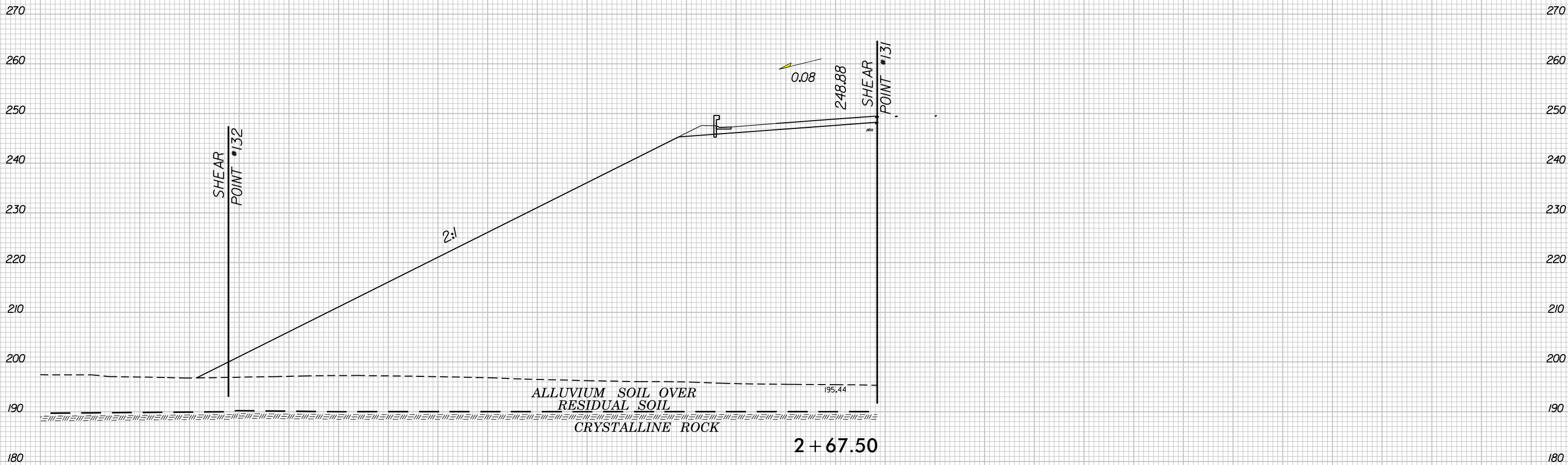


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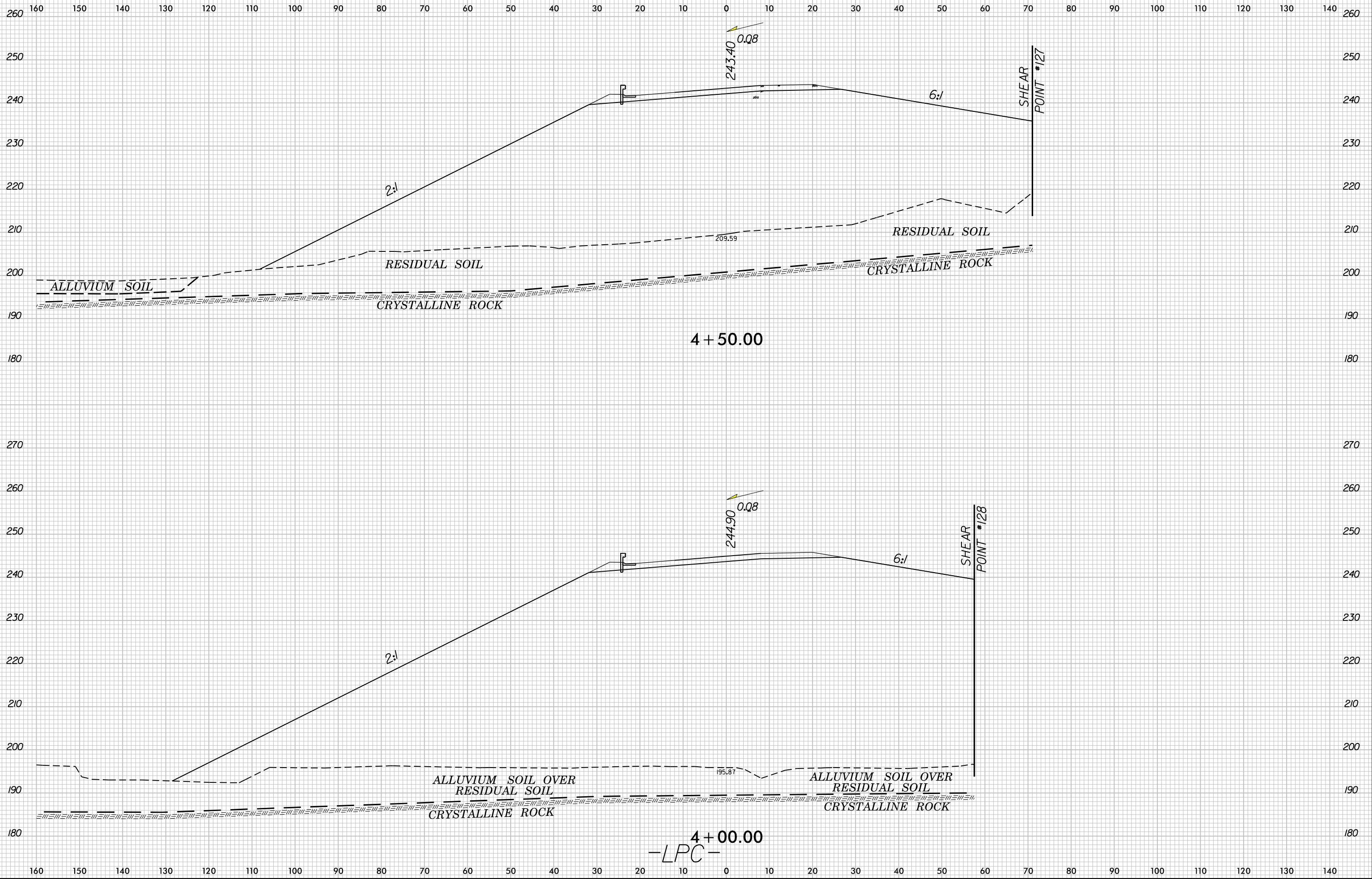
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-LPB-

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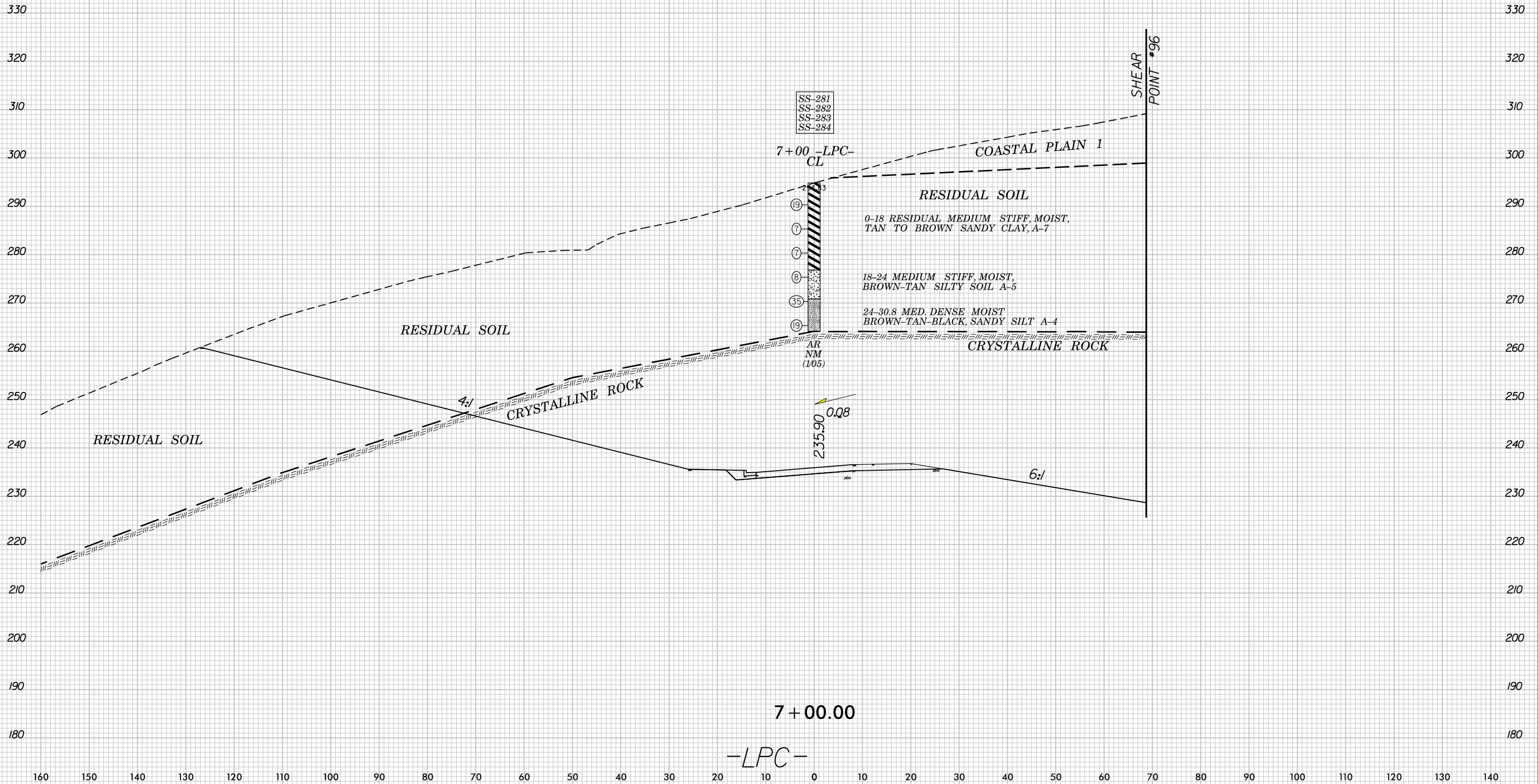


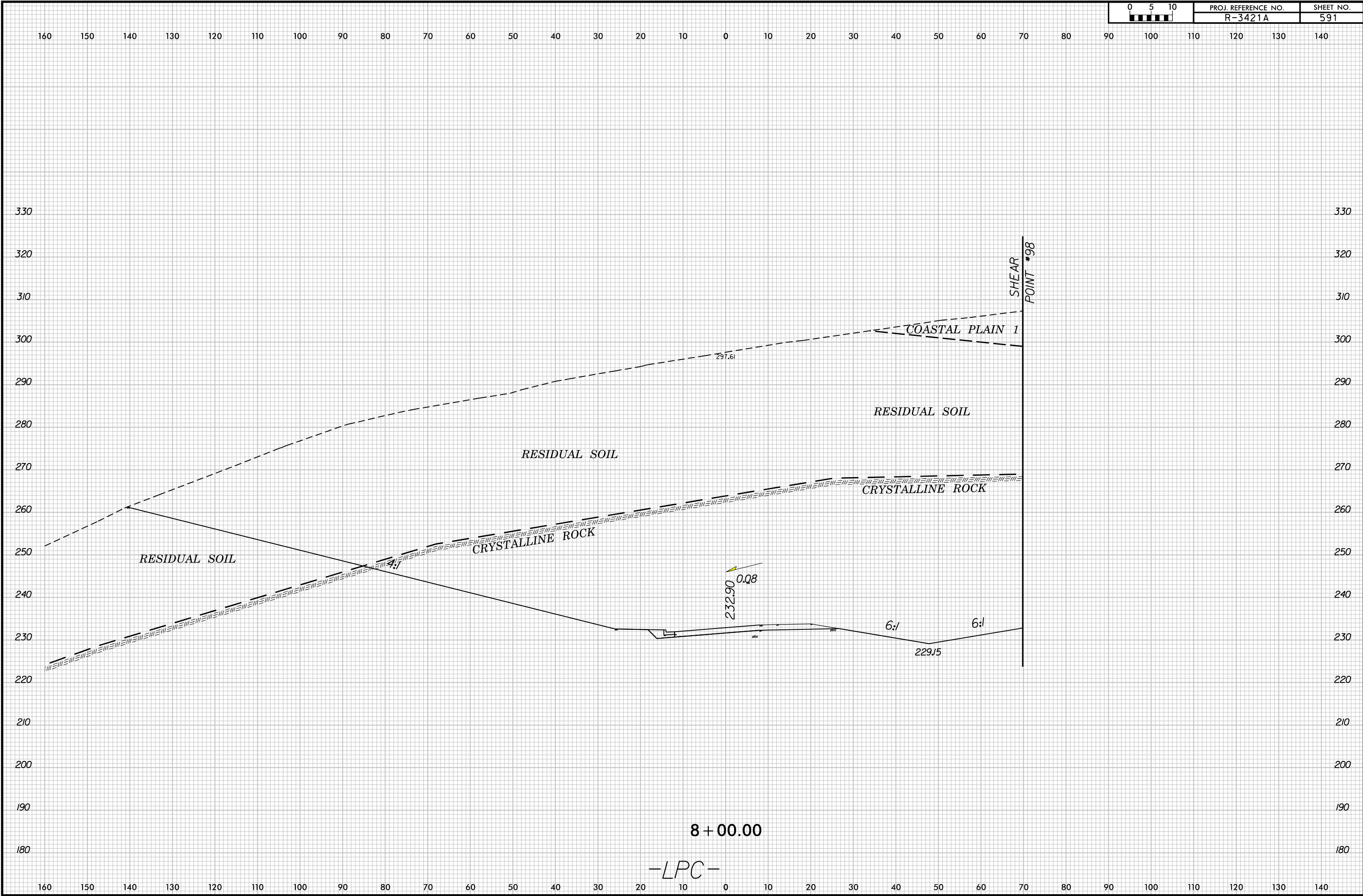
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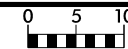
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	LL	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-281	CL	7+00	3.50-5.00	A-7-5(30)	80	31	10.8	16.5	19.8	53.0	100	95	77	-	-
SS-282	CL	7+00	8.50-10.00	A-7-5(16)	66	25	19.3	23.4	20.6	36.7	100	90	63	-	-
SS-283	CL	7+00	18.50-20.00	A-5(2)	55	5	23.2	32.8	29.7	14.3	100	88	50	-	-
SS-284	CL	7+00	28.50-30.00	A-4(0)	38	NP	34.0	35.4	24.4	6.1	100	77	37	-	-





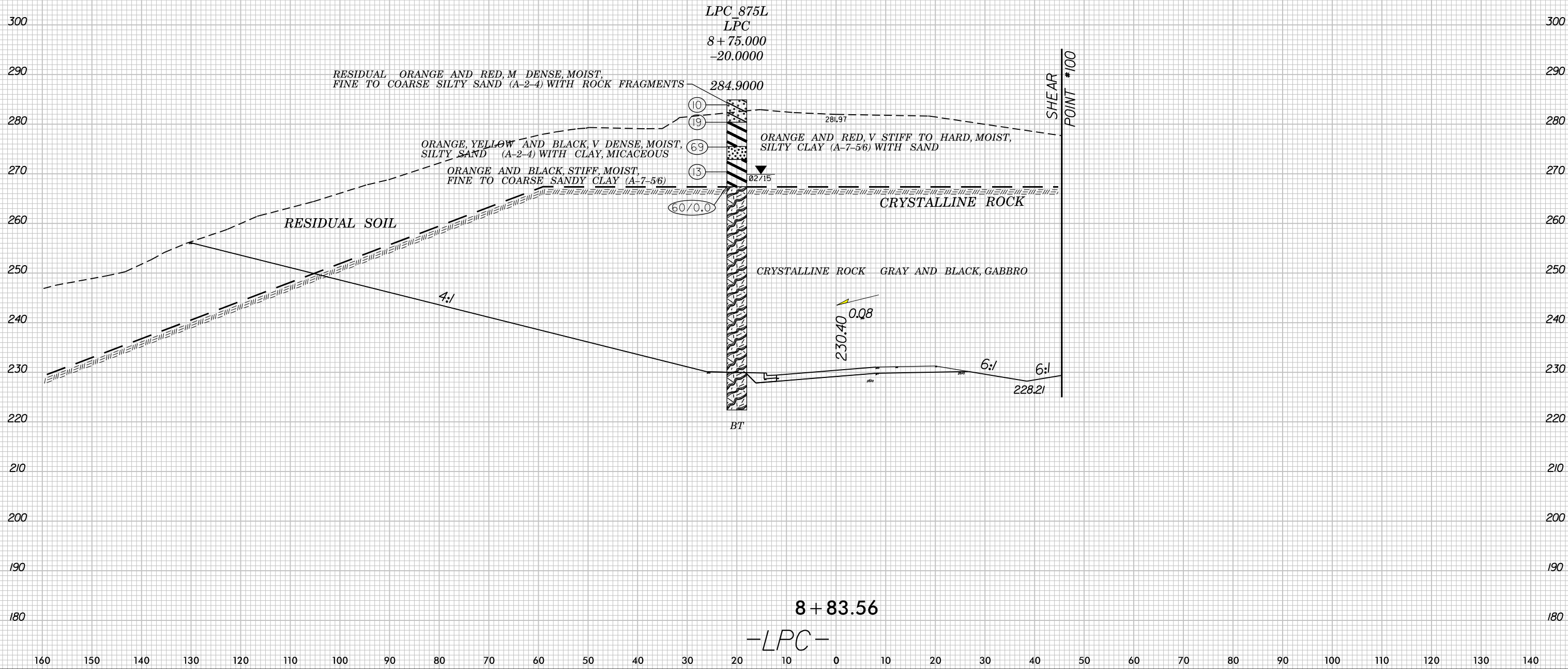
8/23/99



PROJ. REFERENCE NO.
R-3421A

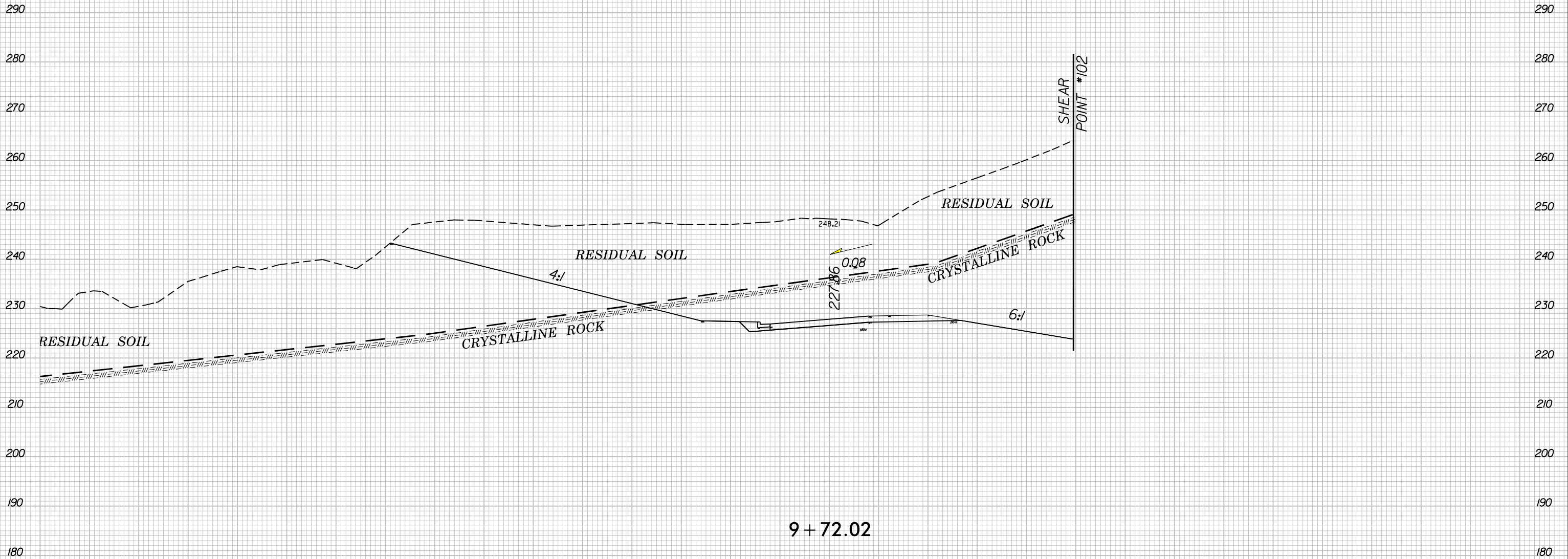
SHEET NO.
593

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

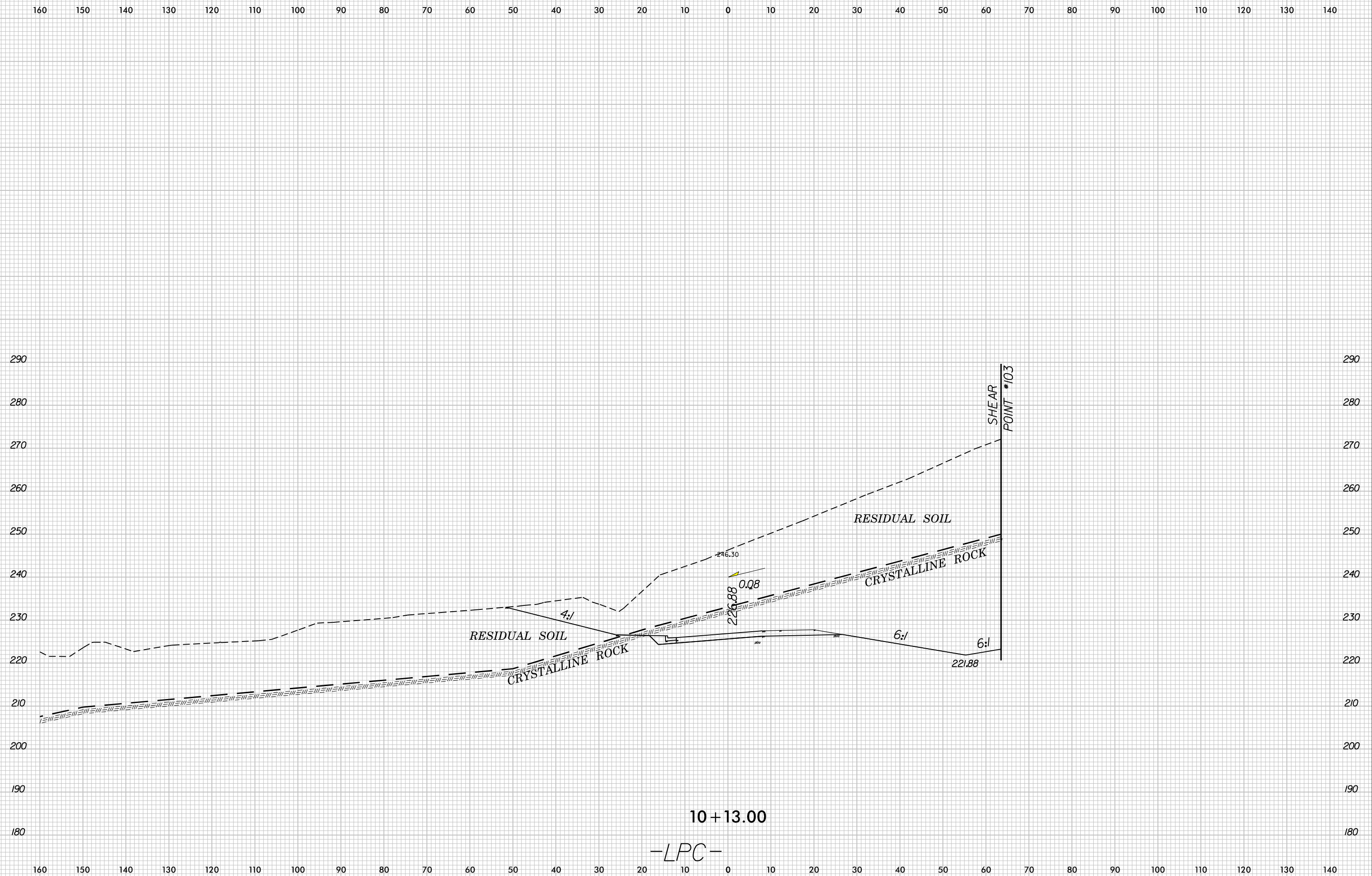


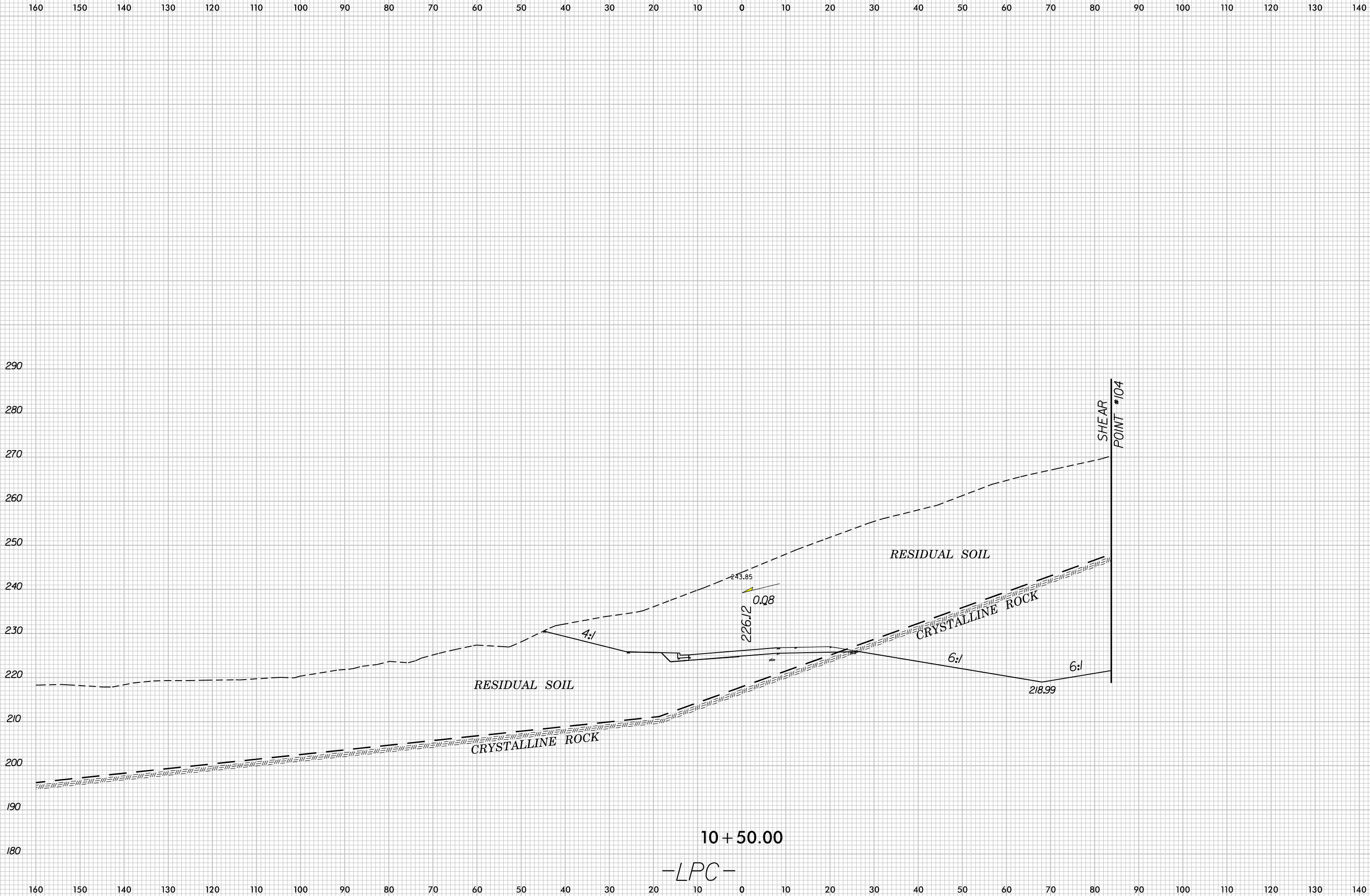
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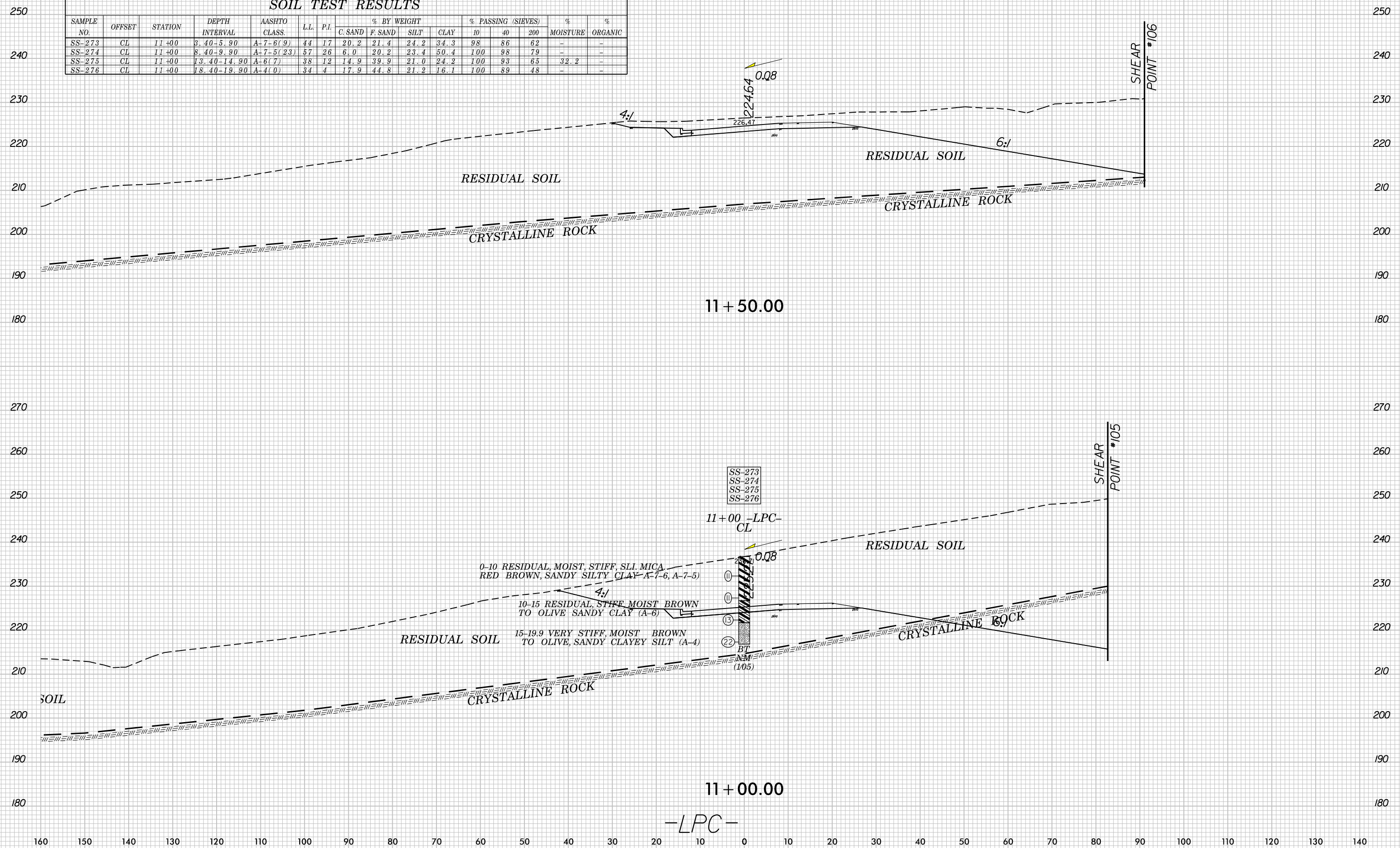


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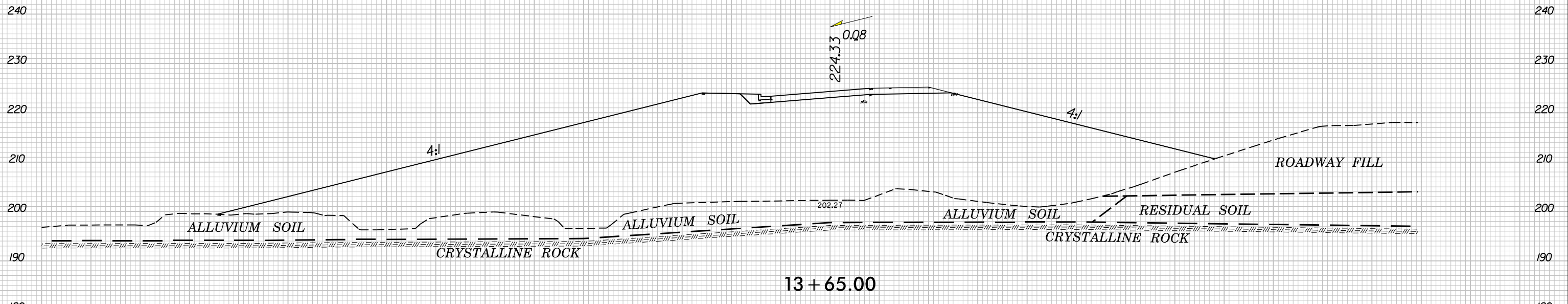
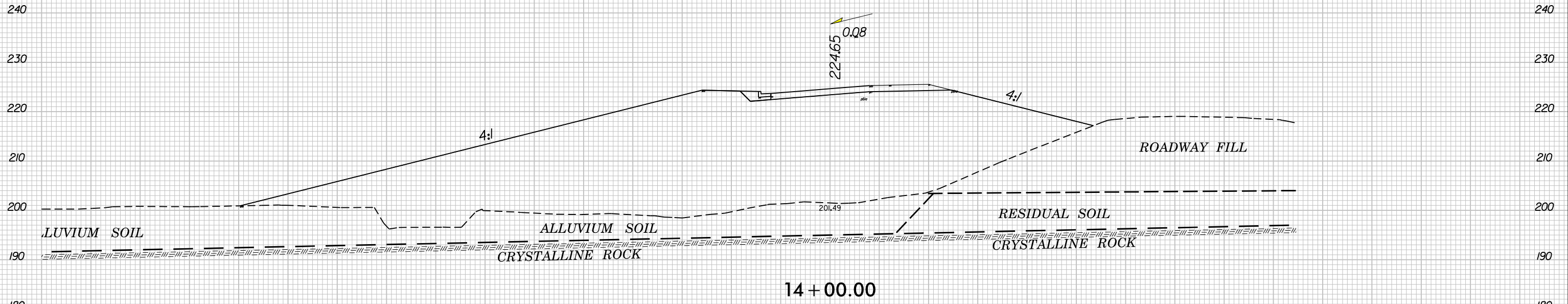
10+50.00
-LPC-

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	LL	P.I.	% BY WEIGHT				% PASSING (SIEVES)			MOISTURE %	ORGANIC %
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-273	CL	11+00	3.40-5.90	A-7-6(9)	44	17	20.2	21.4	24.2	34.3	98	86	62	-	-
SS-274	CL	11+00	8.40-9.90	A-7-5(23)	57	26	6.0	20.2	23.4	50.4	100	98	79	-	-
SS-275	CL	11+00	13.40-14.90	A-6(7)	38	12	14.9	39.9	21.0	24.2	100	93	65	32.2	-
SS-276	CL	11+00	18.40-19.90	A-4(0)	34	4	17.9	44.8	21.2	16.1	100	89	48	-	-



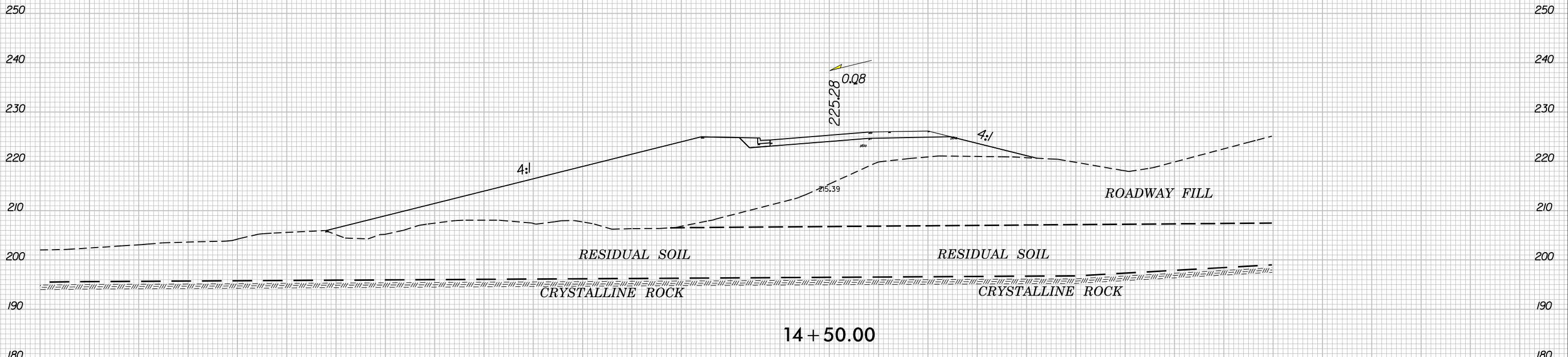
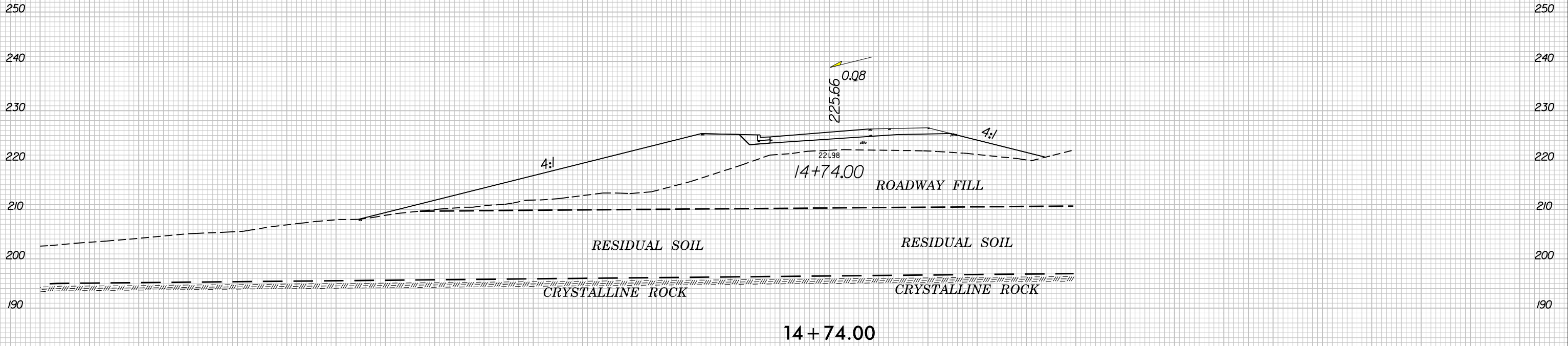
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-LPC-

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160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

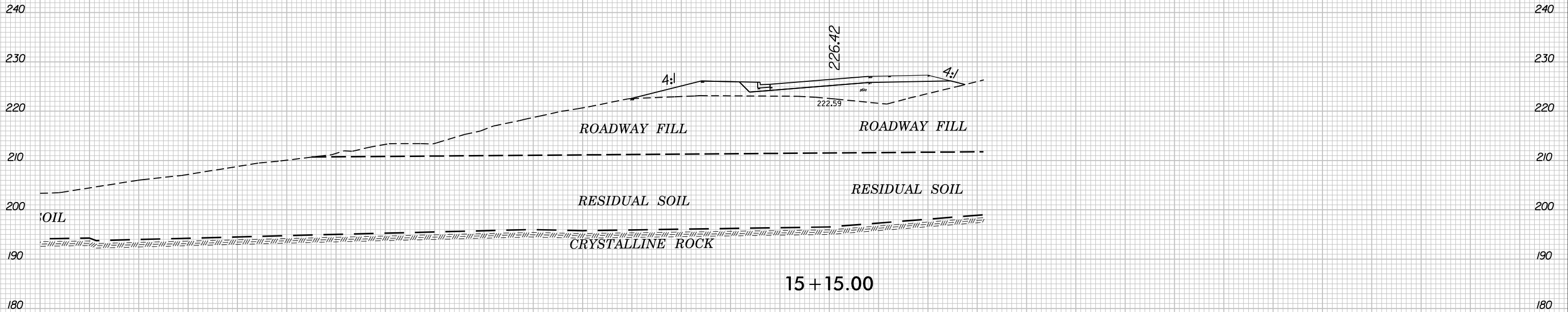


160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

14+74.00
14+50.00
-LPC-

I:\2741\PM GEO\est\14PC.xpl.dgn

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140



160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140