5/26/20

HL-0065
CROSS SECTION INDEX

LOCATION	STATION TO STATION	SHEET NO.
-L1-	STA. 10+00.00 TO 18+00.00	X-002 THRU X-010
-L2-	STA. 10+00.00 TO 30+00.00	X-011 THRU X-030
-L2-	STA. 53+50.00 TO 58+50.00	X-031 THRU X-034
-L3-	STA. 11+00.00 TO 82+00.00	X-035 THRU X-094
-Y1-	STA. 12+50.00 TO 15+00.00	X-095 THRU X-097
-Y2-	STA. 10+00.00 TO 12+50.00	X-098 THRU X-099
-Y7-	STA. 10+50.00 TO 14+50.00	X-100 THRU X-103
-Y8-	STA. 10+00.00 TO 14+50.00	X-104 THRU X-109
-Y14-	STA. 10+00.00 TO 12+50.00	X-110 THRU X-111
-Y15-	STA. 10+00.00 TO 12+00.00	X-112 THRU X-113
-Y18-	STA. 11+00.00 TO 12+00.00	X-114 THRU X-115
-Y26-	STA. 10+00.00 TO 12+00.00	X-116 THRU X-117
-RAB-	STA. 10+00.00 TO 13+50.00	X-118 THRU X-120
-MUP-	STA. 10+00.00 TO 11+50.00	X-121 THRU X-122

HL-0065
FP | X-000

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RUTHERFORD COUNTY

ROADWAY DESIGN UNIT

PREPARED BY

HNTB

REVISIONS

PROJ. REFERENCE NO.	SHEET NO.
HL-0065	X-001

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Approximate quantities only. Unclassified excavation, shoulder borrow, borrow excavation, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+00.00	35	0
12+50.00	102	0
13+00.00	109	0
13+50.00	60	4
14+00.00	42	6
14+50.00	93	5
15+00.00	77	5
15+50.00	15	4
16+00.00	73	7
16+50.00	81	5
17+00.00	42	0
17+50.00	44	0
18+00.00	53	0

Station L2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	11	7
11+00.00	21	12
11+50.00	20	12
12+00.00	19	16
12+50.00	14	23
13+00.00	16	15
13+50.00	20	9
14+00.00	18	16
14+50.00	20	8
15+00.00	22	14
15+50.00	22	27
16+00.00	27	36
16+50.00	34	32
17+00.00	29	17
17+50.00	18	18
18+00.00	21	16
18+50.00	21	13
19+00.00	44	10
19+50.00	52	4
20+00.00	27	6
20+50.00	19	15
21+00.00	19	23
21+50.00	19	26
22+00.00	19	18
22+50.00	19	13
23+00.00	19	15
23+50.00	19	18
24+00.00	19	17
24+50.00	20	12
25+00.00	61	9
25+50.00	95	9
26+00.00	93	10

Station L2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
26+50.00	60	9
27+00.00	65	11
27+50.00	104	32
28+00.00	78	25
28+50.00	46	12
29+00.00	39	13
29+50.00	21	1

Station L2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
55+00.00	34	0
55+50.00	100	2
56+00.00	134	6
56+50.00	130	9
57+00.00	107	8
57+50.00	67	13
58+00.00	60	20
58+50.00	39	10

Station L3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	11	81
12+00.00	12	58
12+50.00	11	70
13+00.00	5	58
13+50.00	5	22
14+00.00	7	32
14+50.00	11	45
15+00.00	10	18
15+50.00	21	3
16+00.00	25	7
16+50.00	11	10
17+00.00	10	10
17+50.00	10	7
18+00.00	9	13
18+50.00	10	18
19+00.00	10	19
19+50.00	5	10
20+00.00	6	10
20+50.00	12	18
21+00.00	11	21
21+50.00	9	27
22+00.00	9	24
22+50.00	9	17
23+00.00	9	15
23+50.00	9	17
24+00.00	10	21

Station L3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+50.00	10	17
25+00.00	8	10
25+50.00	6	11
26+00.00	9	11
26+50.00	6	5
27+00.00	7	0
27+50.00	13	0
28+00.00	12	0
28+50.00	14	0
29+00.00	19	0
29+50.00	25	0
30+00.00	20	1
30+50.00	13	1
31+00.00	13	0
31+50.00	19	0
32+00.00	22	0
32+50.00	18	0
33+00.00	13	0
33+50.00	11	0
34+00.00	7	0
34+50.00	7	2
35+00.00	10	2
35+50.00	9	2
36+00.00	13	3
36+50.00	16	3
37+00.00	11	2
37+50.00	12	1
38+00.00	12	1
38+50.00	15	5
39+00.00	24	10
39+50.00	18	10
40+00.00	27	11
40+50.00	42	11
41+00.00	42	10
41+50.00	42	10
42+00.00	36	8
42+50.00	14	3
43+00.00	10	12
43+50.00	30	19
44+00.00	41	20
44+50.00	35	13
45+00.00	15	0

Station L3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
51+00.00	5	17
51+50.00	9	32
52+00.00	9	27
52+50.00	5	13
53+00.00	5	`
53+50.00	9	23
54+00.00	24	25
54+50.00	39	27
55+00.00	39	26
55+50.00	38	23
56+00.00	37	20
56+50.00	48	16
57+00.00	33	16
57+50.00	9	12
58+00.00	8	15
58+50.00	8	16
59+00.00	9	14
59+50.00	9	14
60+00.00	10	8
60+50.00	11	4
61+00.00	11	3
61+50.00	19	3
62+00.00	24	5
62+50.00	21	8
63+00.00	20	8
63+50.00	20	10
64+00.00	20	16
64+50.00	20	20
65+00.00	20	20
65+50.00	15	15
66+00.00	24	12
66+50.00	37	15
67+00.00	48	15
67+50.00	65	13
68+00.00	71	12
68+50.00	72	13
69+00.00	71	14
69+50.00	69	15
70+00.00	67	20
70+50.00	65	21
71+00.00	65	23
71+50.00	44	32
72+00.00	23	38
72+50.00	17	25
73+00.00	15	17
73+50.00	15	14
74+00.00	5	4

Station L3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
80+00.00	11	4
80+50.00	35	4
81+00.00	34	1
81+50.00	16	6
82+00.00	5	5

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+00.00	24	0
14+50.00	58	1
15+00.00	142	1

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	44	0
11+00.00	69	1
11+50.00	25	1

Station Y7	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+00.00	14	3
11+50.00	22	3
12+00.00	20	13
12+50.00	25	13
13+00.00	22	14
13+50.00	11	24
14+00.00	7	33
14+50.00	15	59

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	18	20
11+00.00	21	33
11+50.00	11	14
12+00.00	11	19
12+50.00	9	63
13+00.00	12	88
13+50.00	30	49
14+00.00	48	10
14+50.00	46	15

Station Y14	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	21	0
11+00.00	53	10
11+50.00	68	10
12+00.00	56	5
12+50.00	20	5

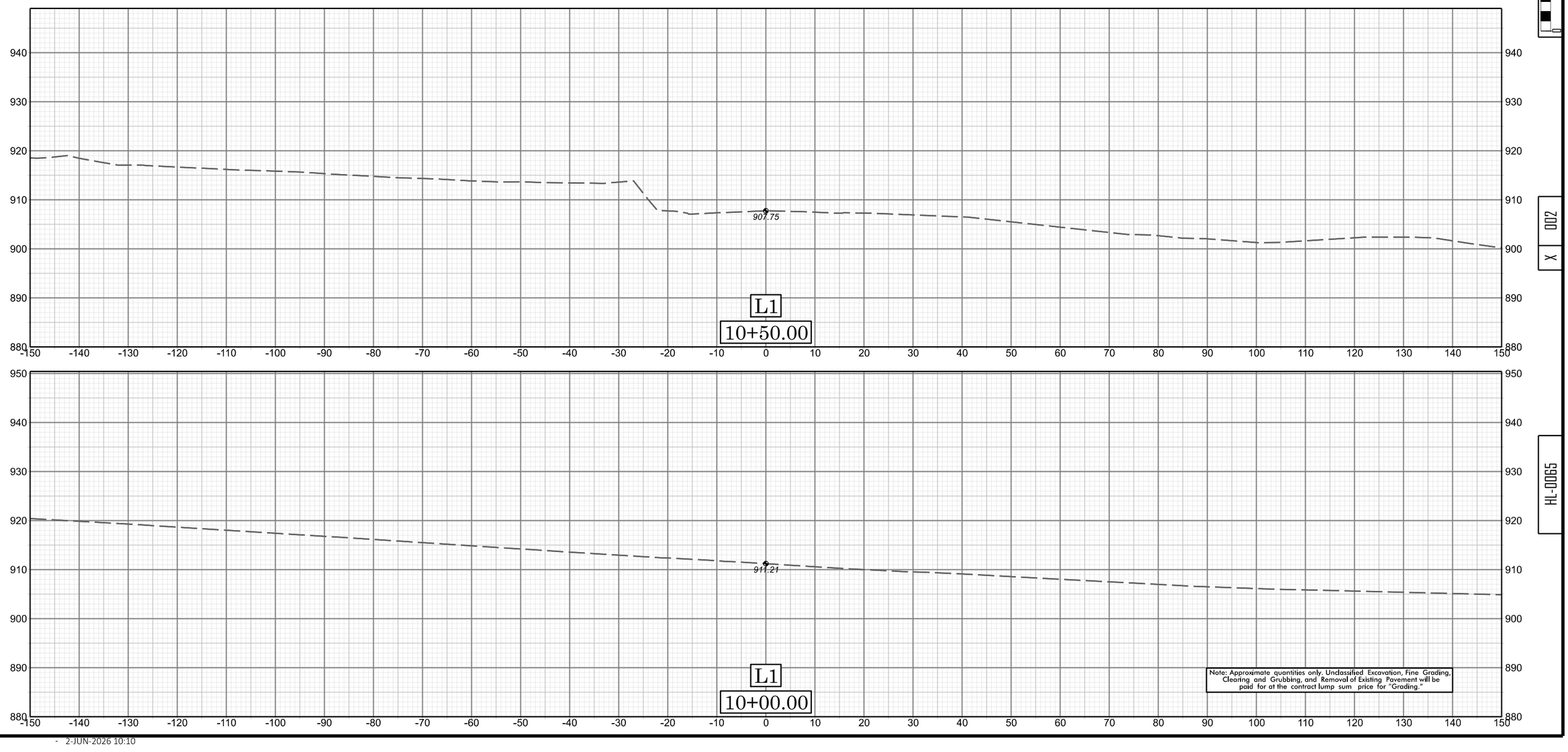
Station Y15	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	5	0
11+00.00	13	0
11+50.00	40	0
12+00.00	32	0

Station Y18	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	0	0
11+75.00	5	3
12+00.00	11	41

Station Y26	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	26	13
11+00.00	20	9
11+50.00	27	22
12+00.00	29	38

Station RAB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	51	173
11+00.00	182	101
11+50.00	171	71
12+00.00	25	136
12+50.00	3	211
13+00.00	14	274
13+50.00	18	284

Station MUP	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+00.00	263	0
14+50.00	486	0
15+00.00	327	0

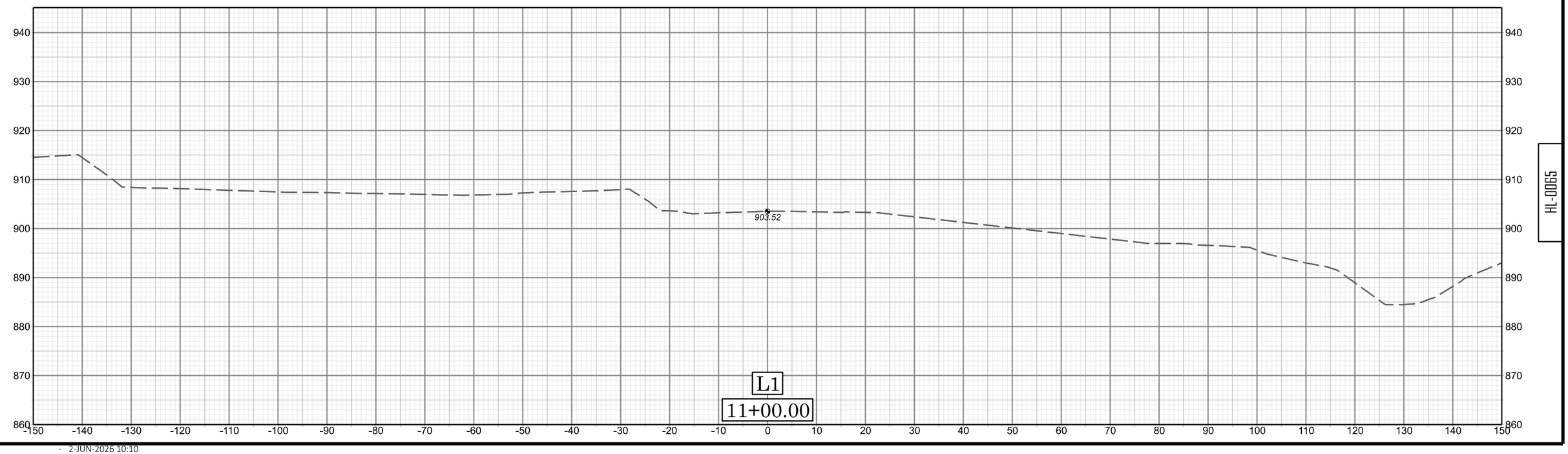


Note: Approximate quantities only. Unclassified Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

0 10 20

X 002

HL-0065



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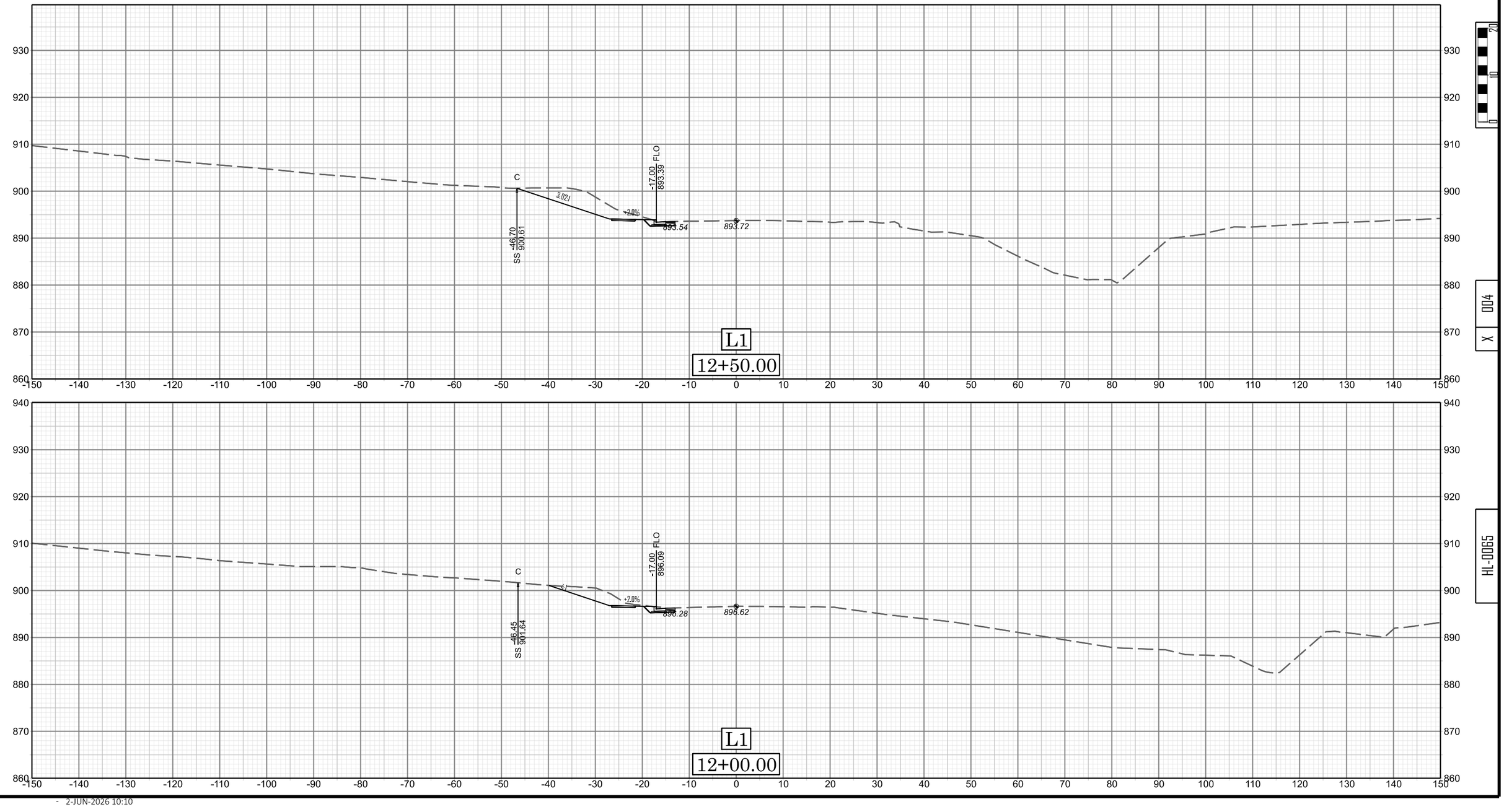
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900
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880
870
860
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
C
3.0Z1
+2.0%
-17.00 FLO
893.39
893.54
893.72
SS -46.70
900.61
L1
12+50.00
940
930
920
910
900
890
880
870
860
C
+2.0%
-17.00 FLO
896.09
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SS -46.45
901.64
L1
12+00.00
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X
004
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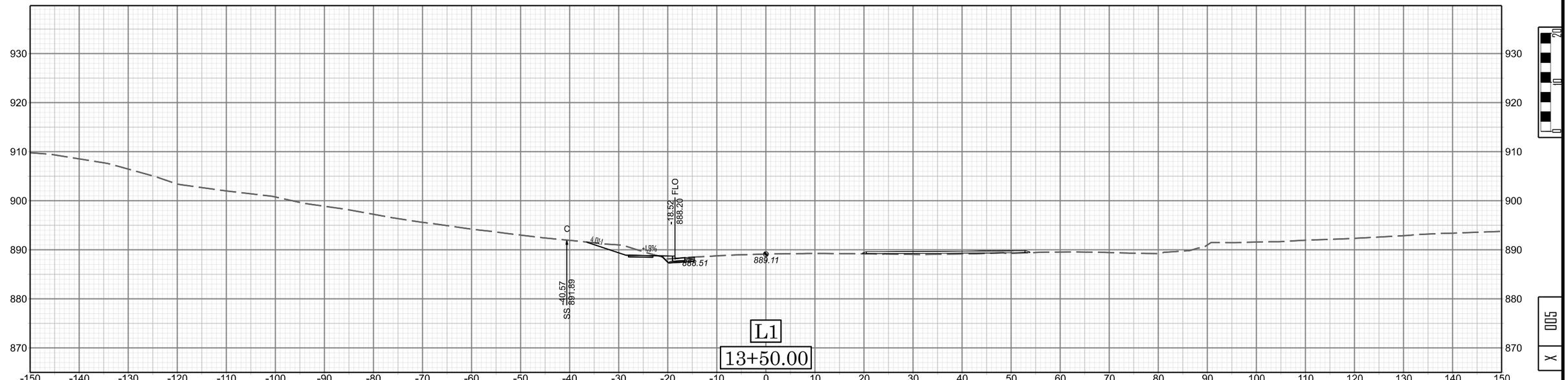
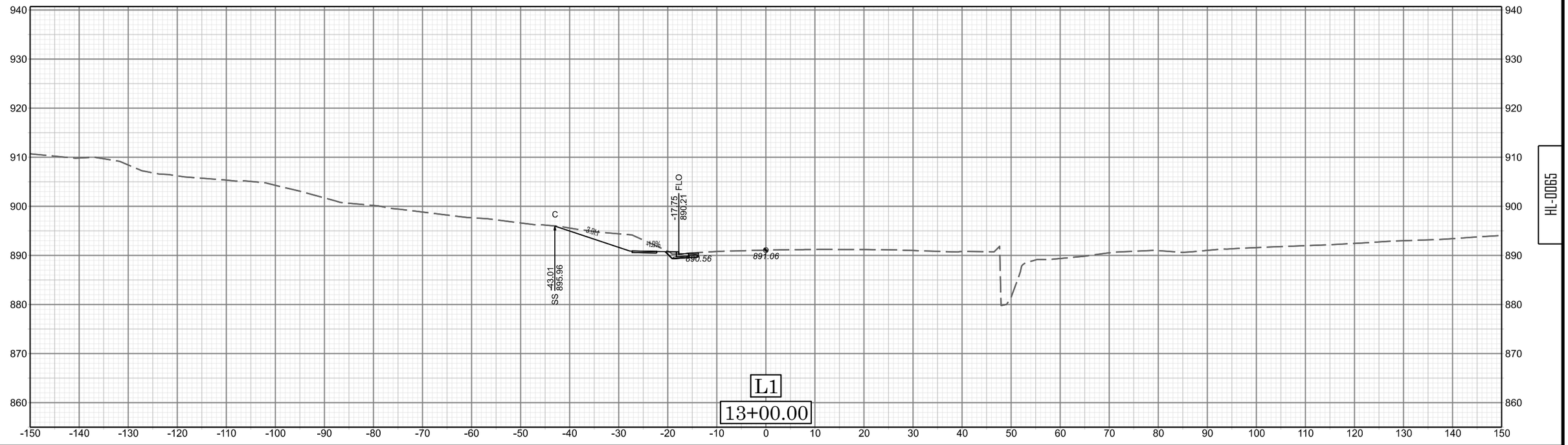
11/14/23





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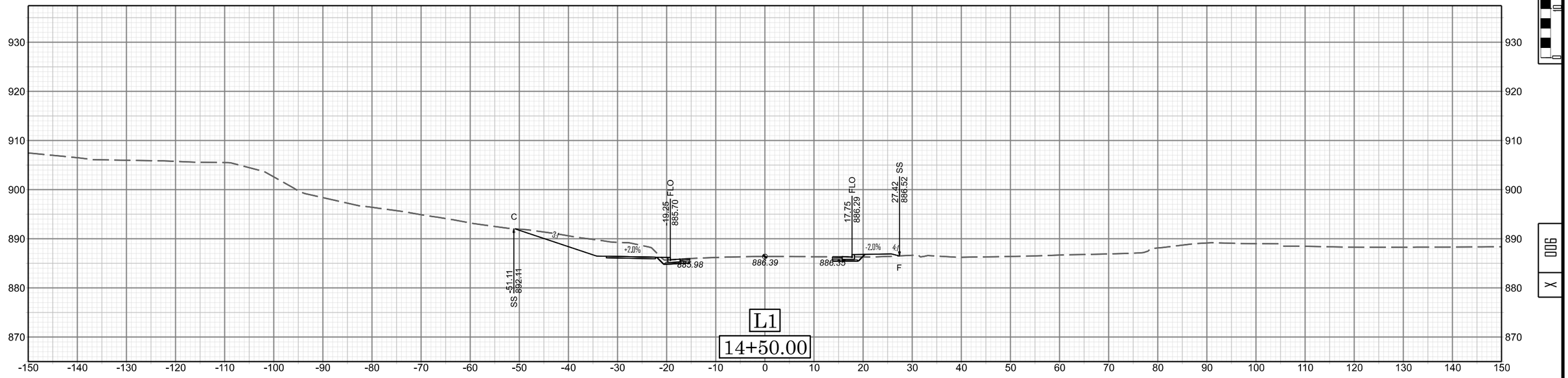
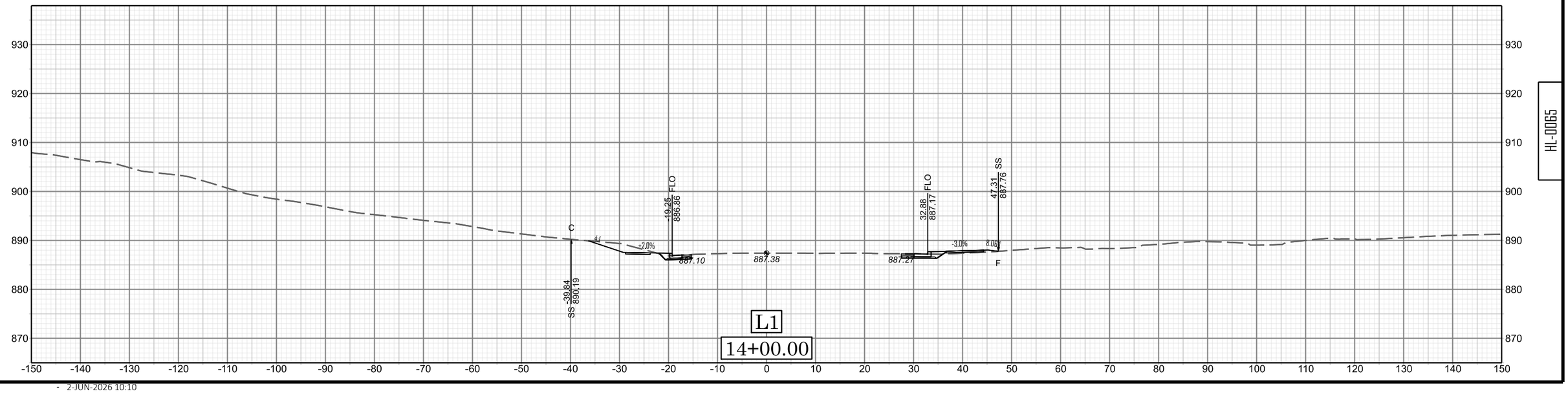
11/14/23





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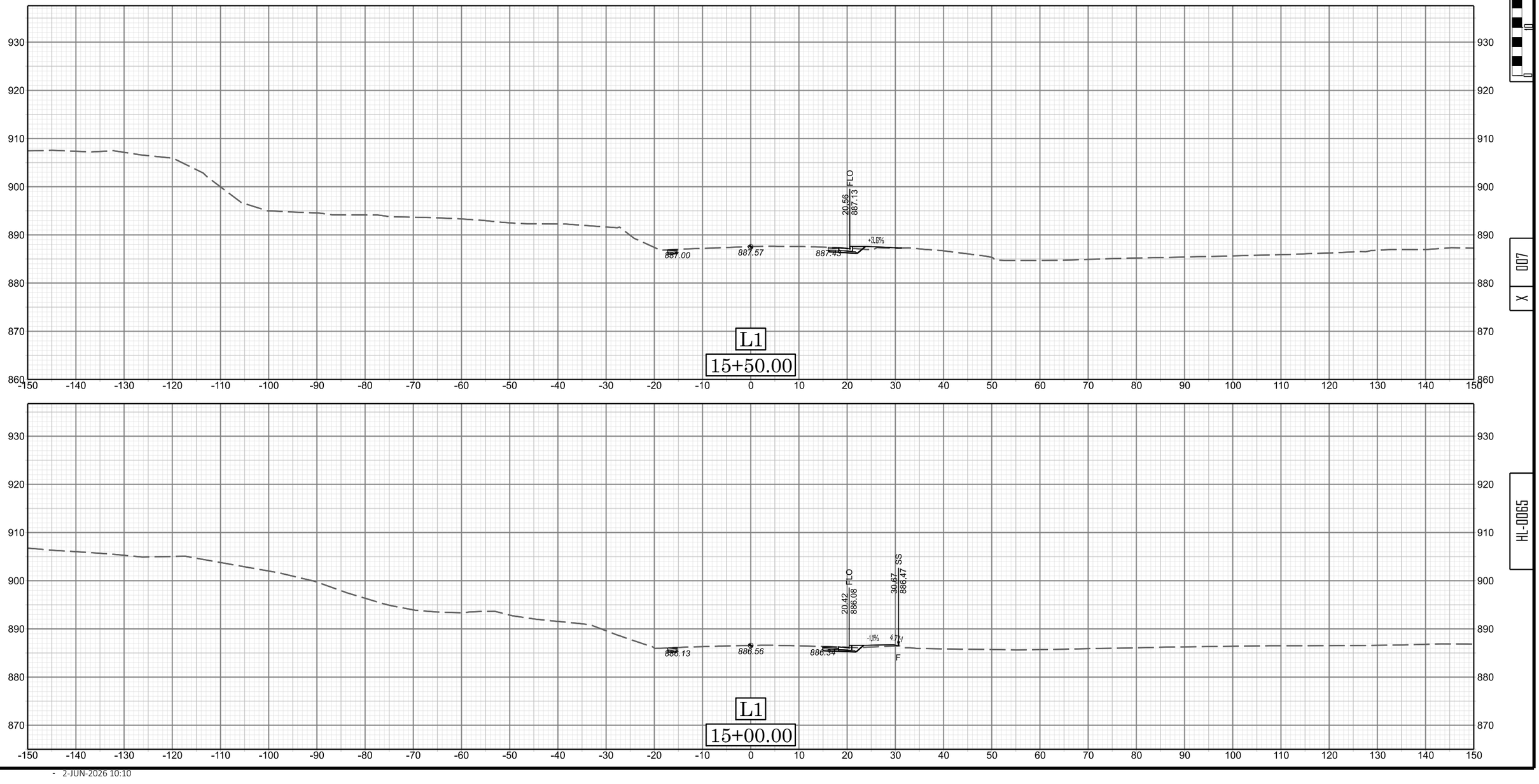
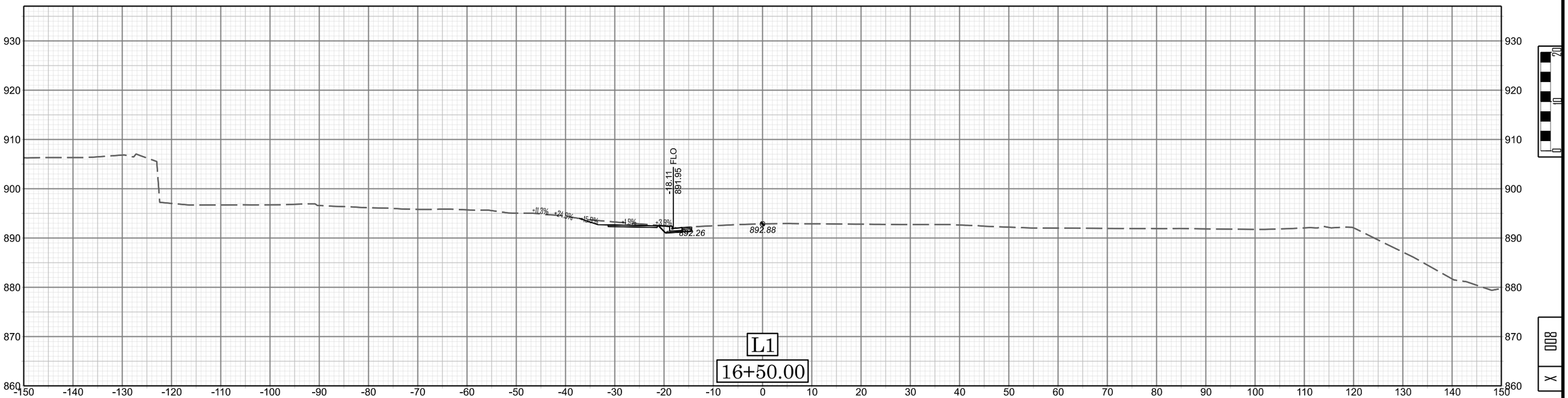

930
920
910
900
890
880
870
860
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
20.56 FLO
887.13
887.00
887.57
887.43
+3.5%
L1
15+50.00
20.42 FLO
886.08
30.67 SS
886.47
886.13
886.56
886.34
-1.0%
4.7%
L1
15+00.00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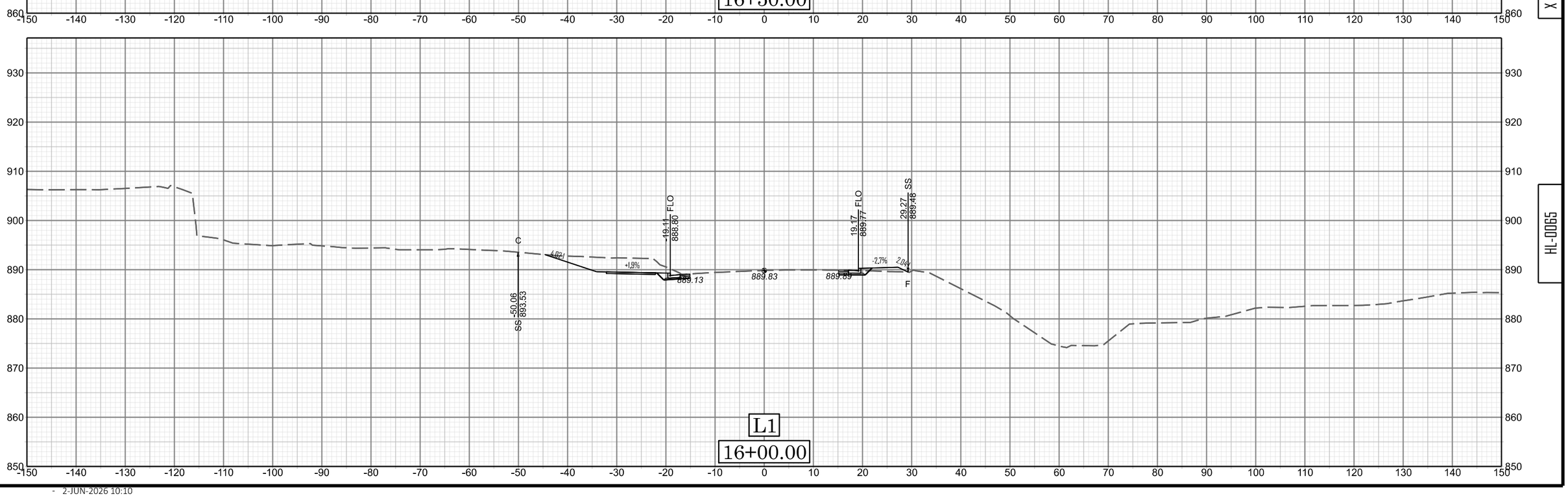
892.26
892.88
L1
16+50.00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SS
-19.11
888.80
FLO
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889.83
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FLO
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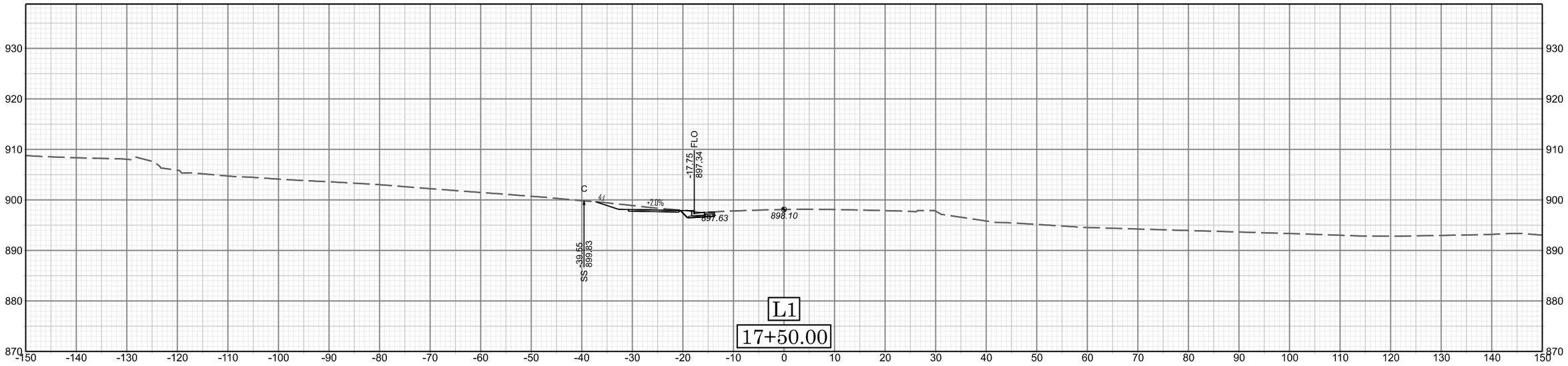
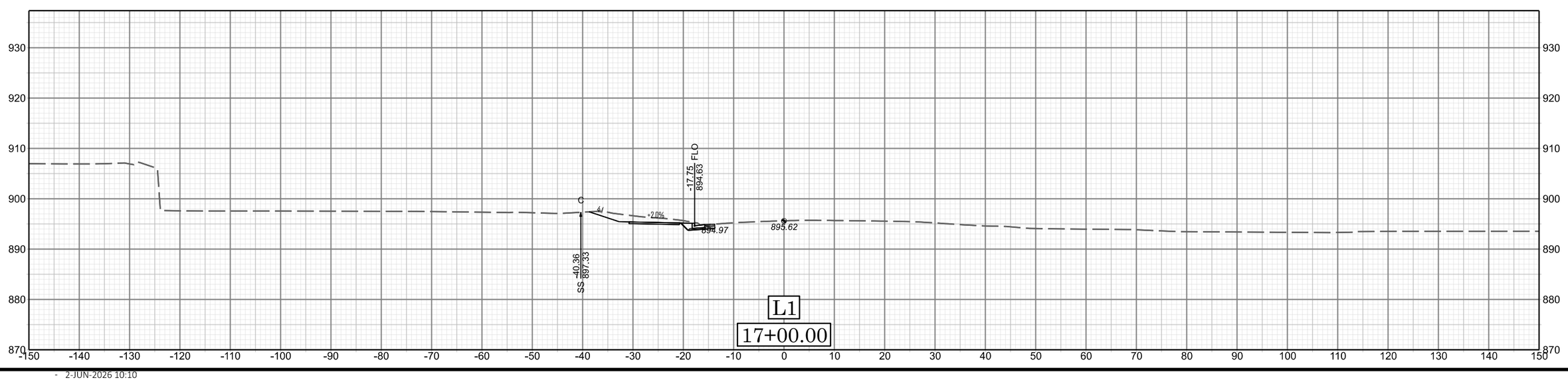
889.48
SS
889.89
F
L1
16+00.00





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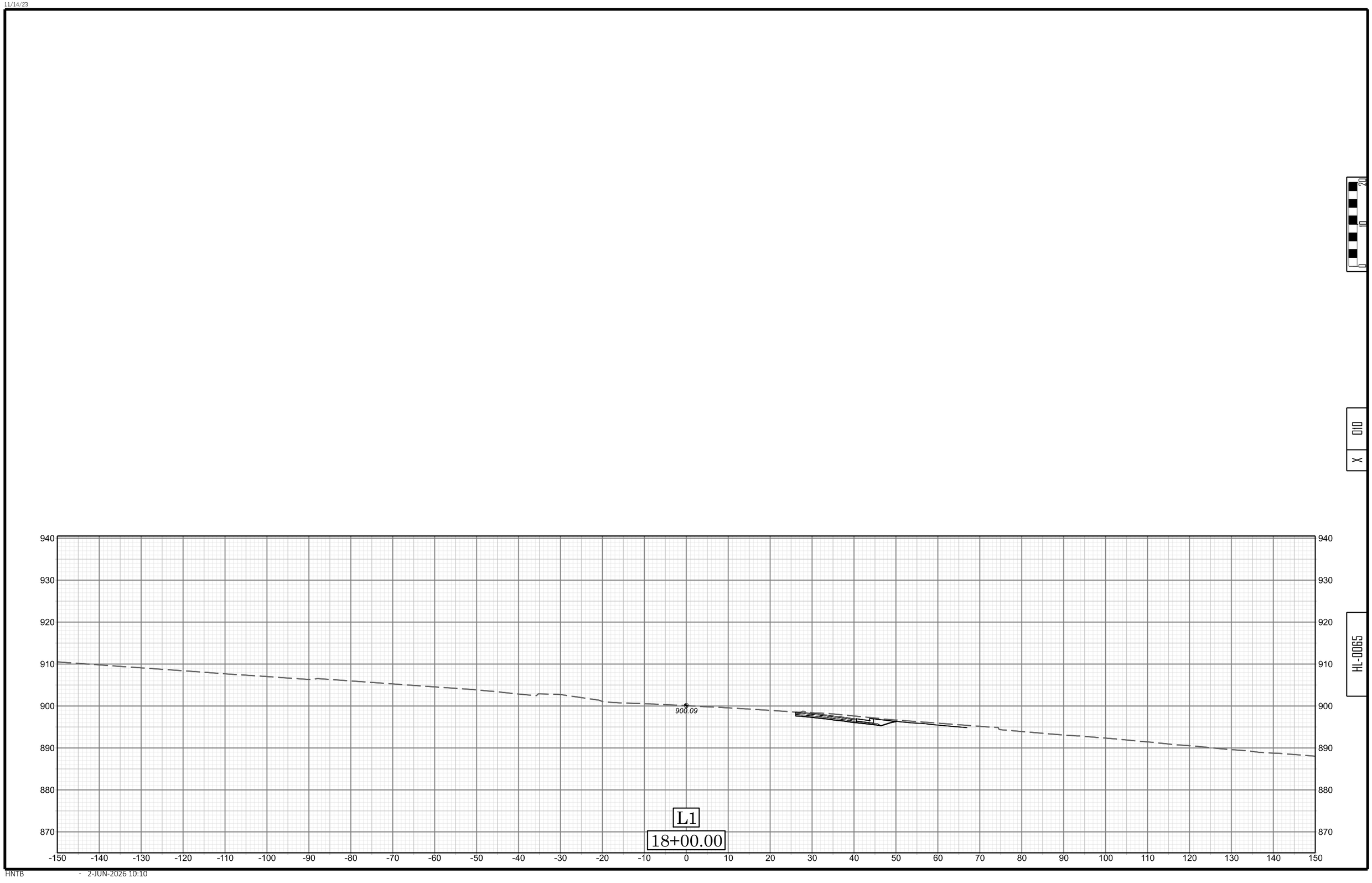
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10
20
X
000
HL-0065
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920
910
900
890
880
870
900.09
L1
18+00.00
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
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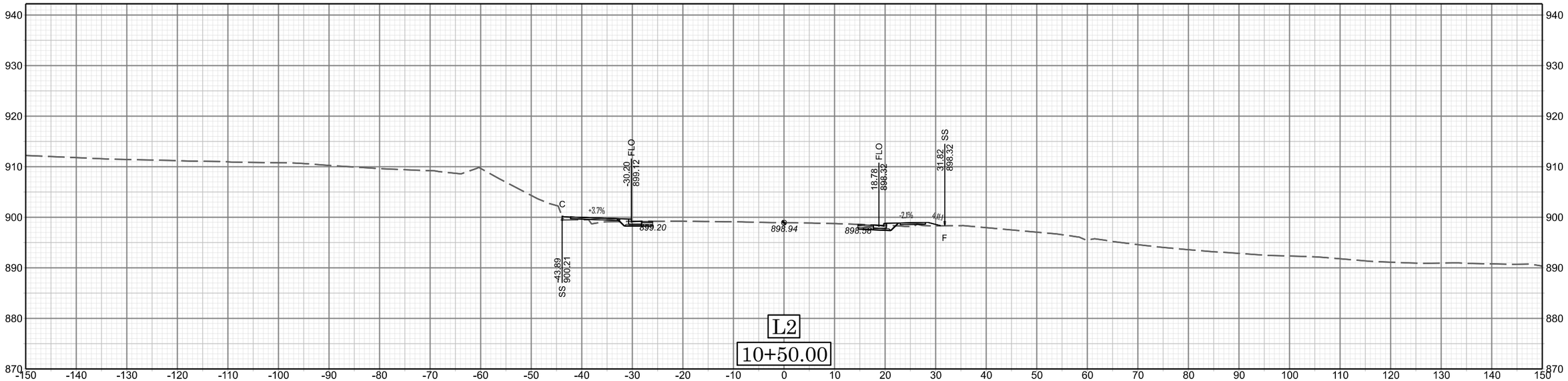

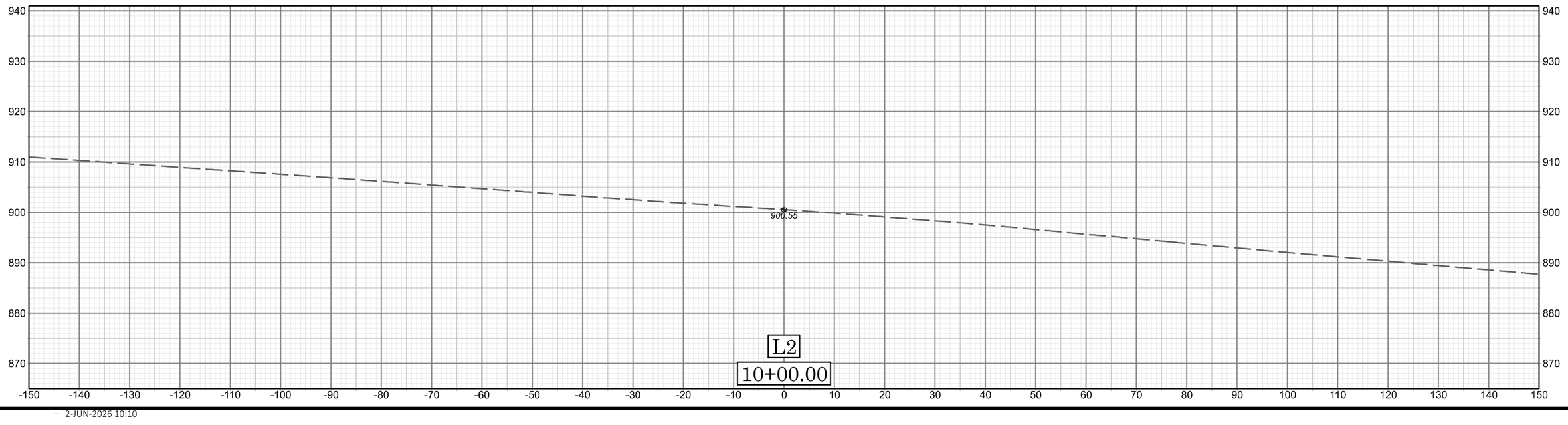

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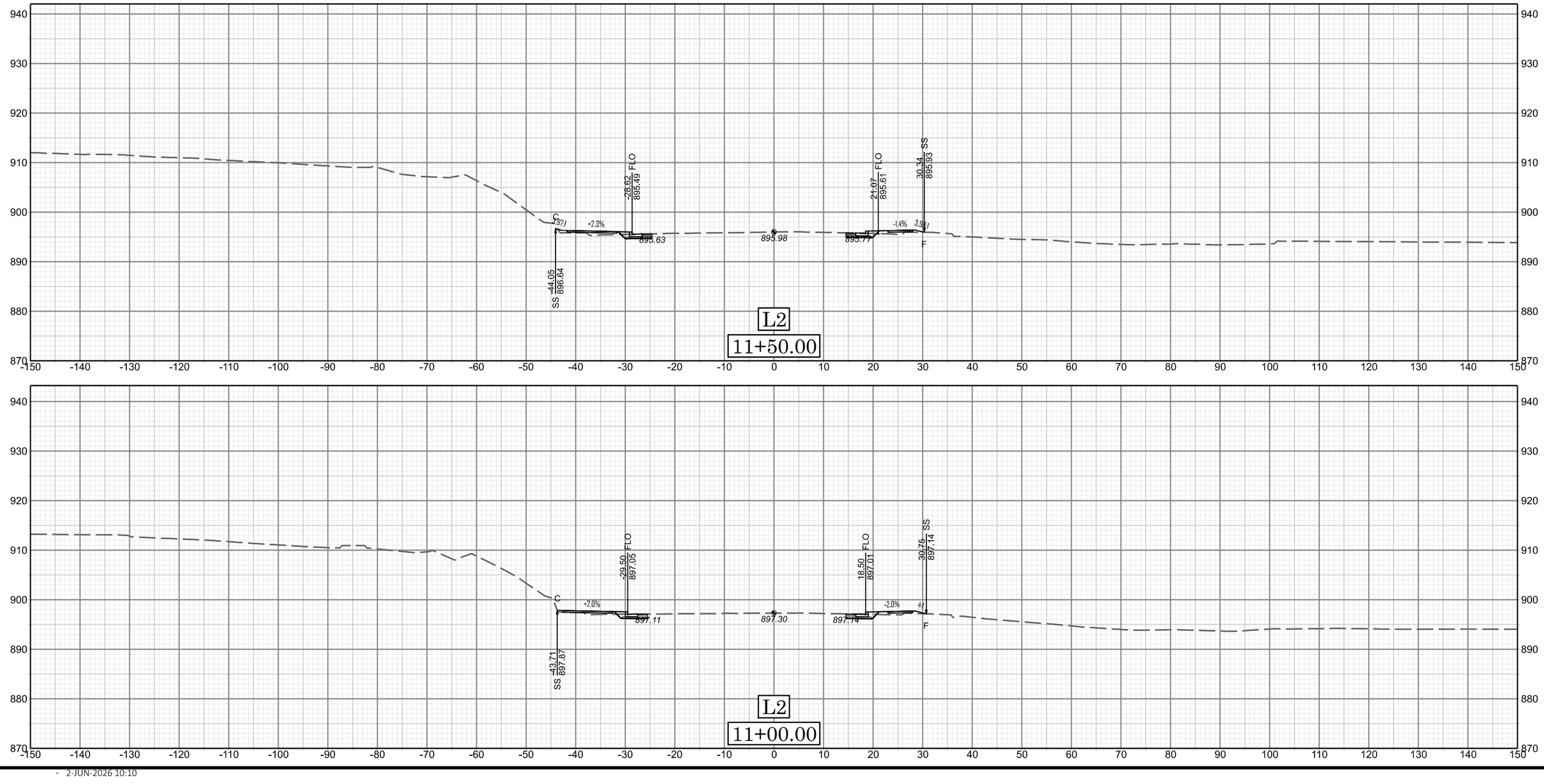
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930
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910
900
890
880
870
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
C
+2.3%
-1.4%
3.92
F
-44.05
896.64
SS
-28.62
895.49
FLO
895.63
895.98
895.77
-21.07
895.61
FLO
-30.34
895.93
SS
L2
11+50.00
C
+2.0%
-2.0%
4.1
F
-43.71
897.87
SS
-29.50
897.05
FLO
897.11
897.30
897.14
-18.50
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FLO
-30.75
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SS
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11+00.00
0
10
20
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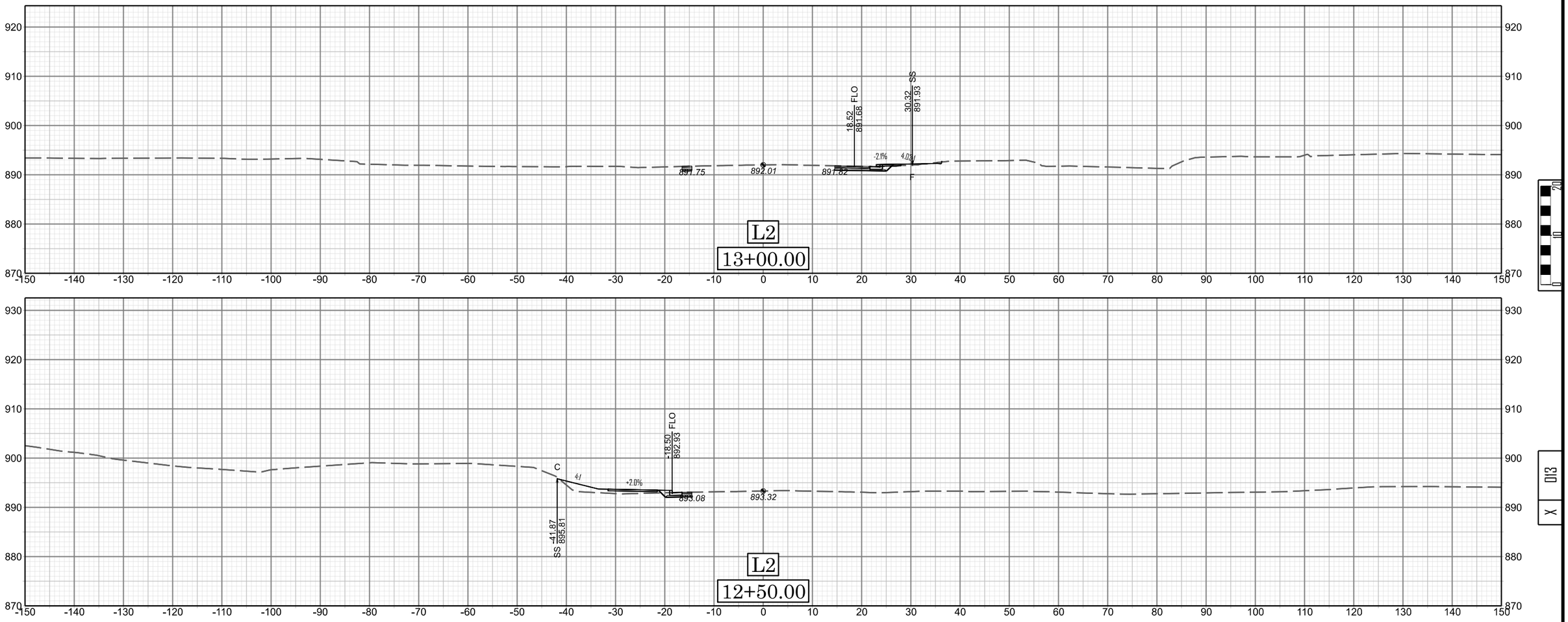
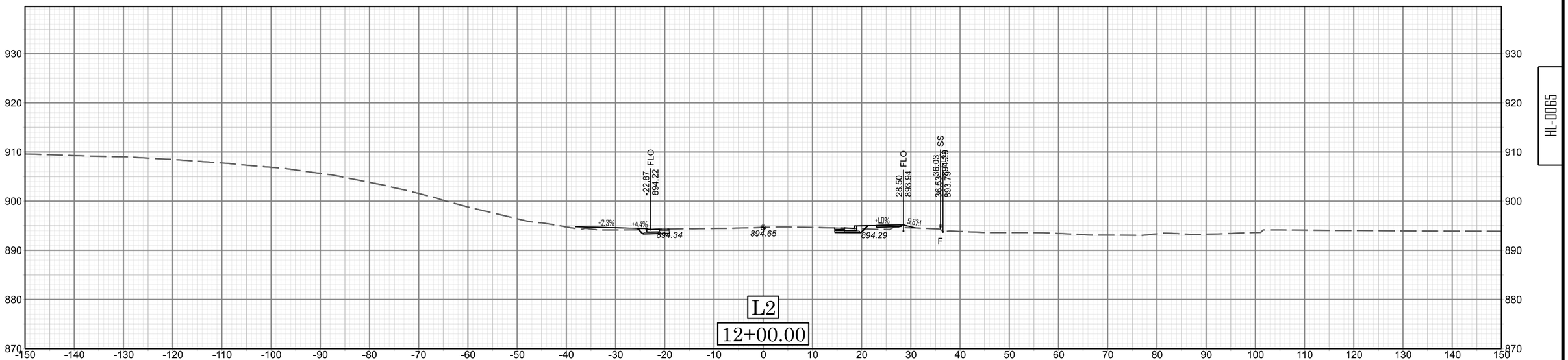

L2
13+00.00
18.52
FLO
891.68
30.32
SS
891.93
-2.1%
4.0%
891.75
892.01
891.82
F

L2
12+50.00
-18.50
FLO
892.93
C
4:1
+2.0%
893.08
893.32
-41.87
SS
895.81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12+00.00
-22.87
FLO
894.22
+2.3%
+4.4%
894.34
894.65
28.50
FLO
893.94
+1.0%
5.87:1
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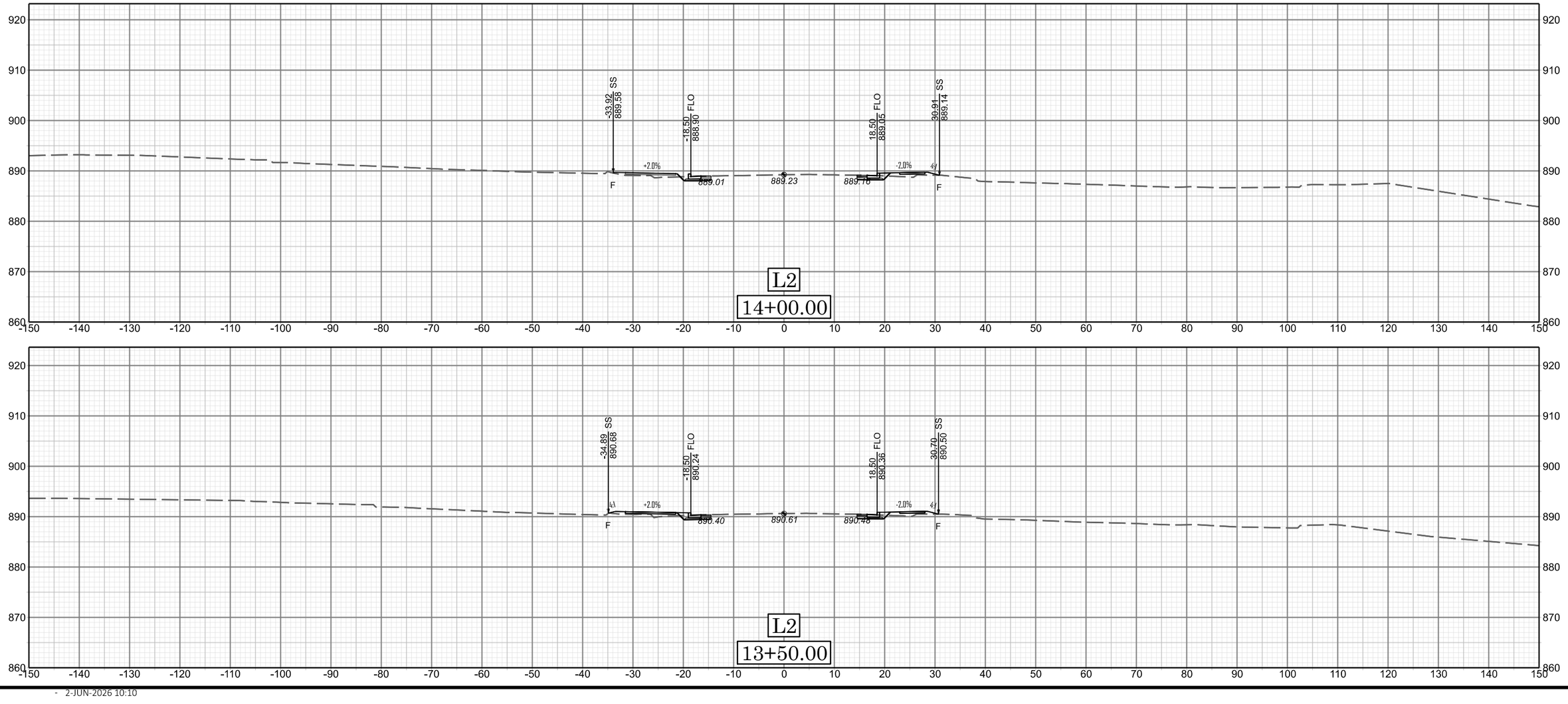
36.03
SS
893.79
894.29
F

11/14/23



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HL-0065

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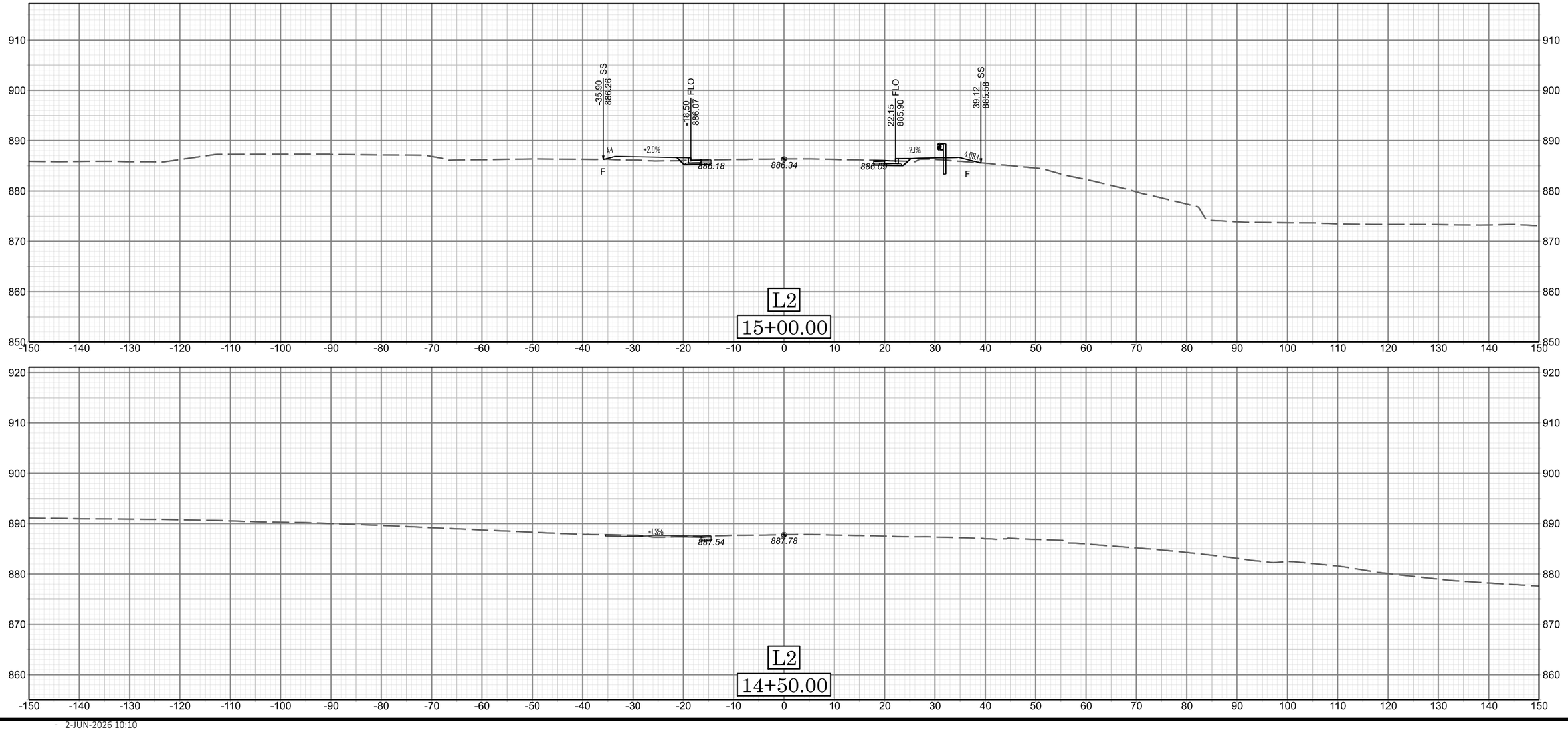
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900
890
880
870
860
850
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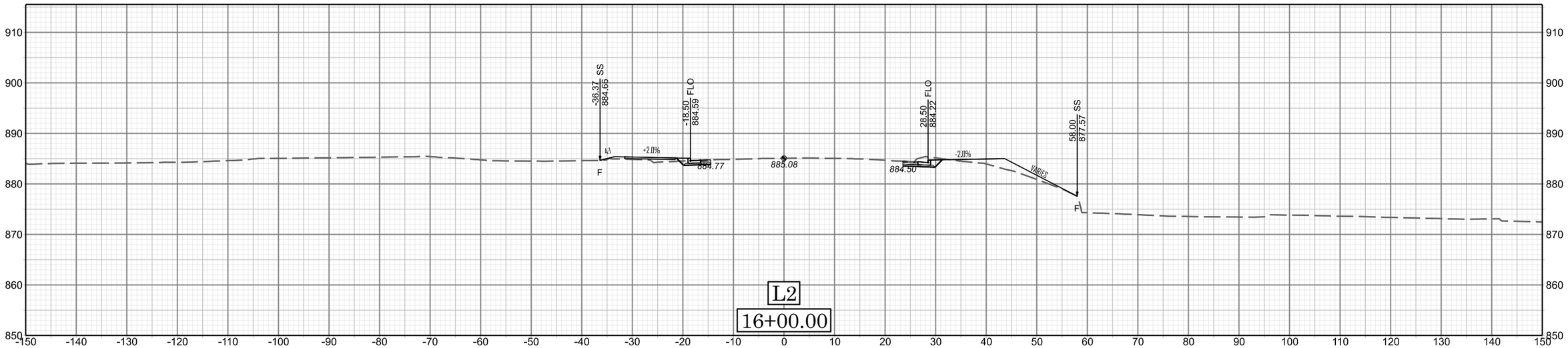
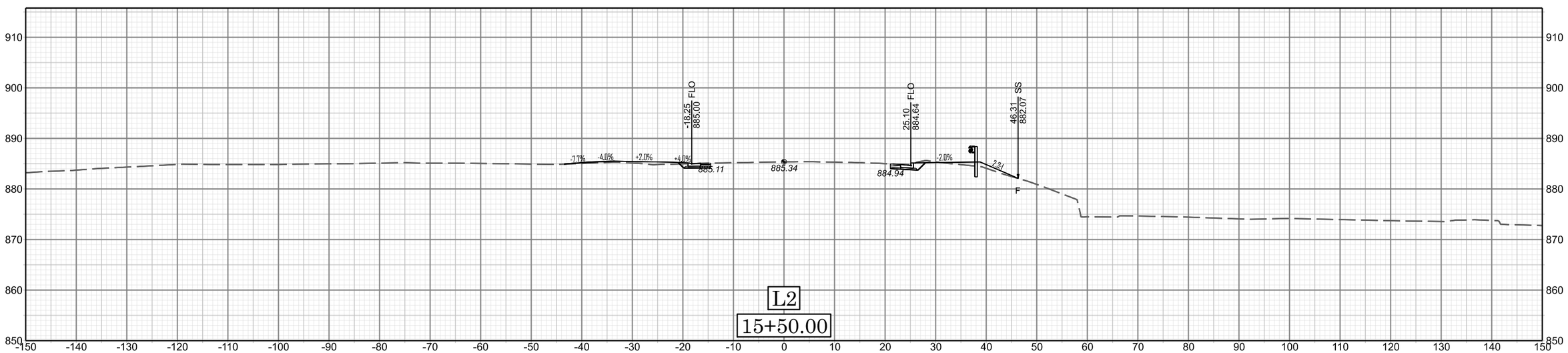
-35.90 SS
886.26
-18.50 FLO
886.07
22.15 FLO
885.90
39.12 SS
885.58
+2.0%
-2.1%
4.1%
F
886.18
886.34
886.05
L2
15+00.00
920
910
900
890
880
870
860
+1.3%
887.54
887.78
L2
14+50.00
0
10
20
X
015
HL-0065



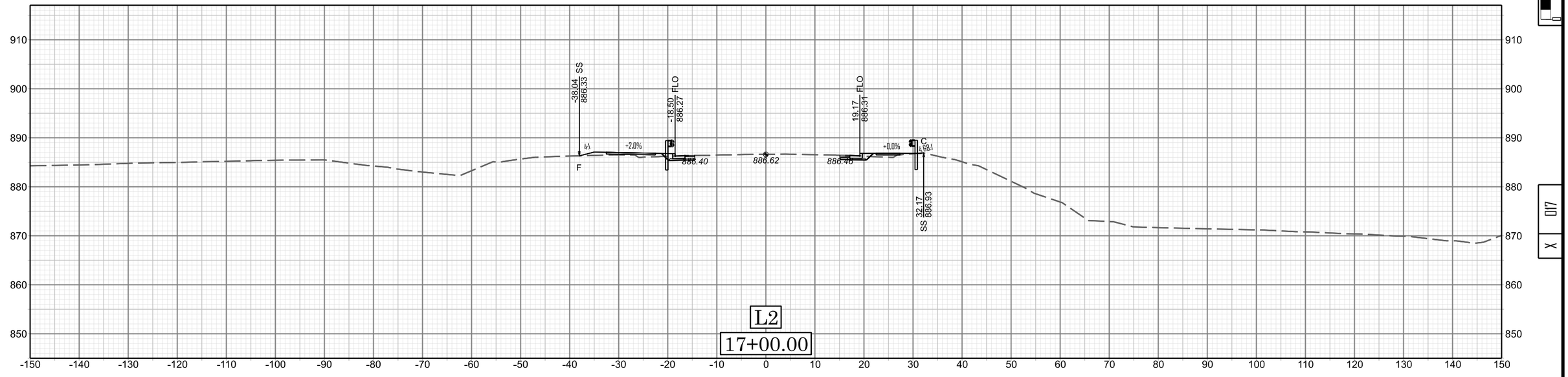


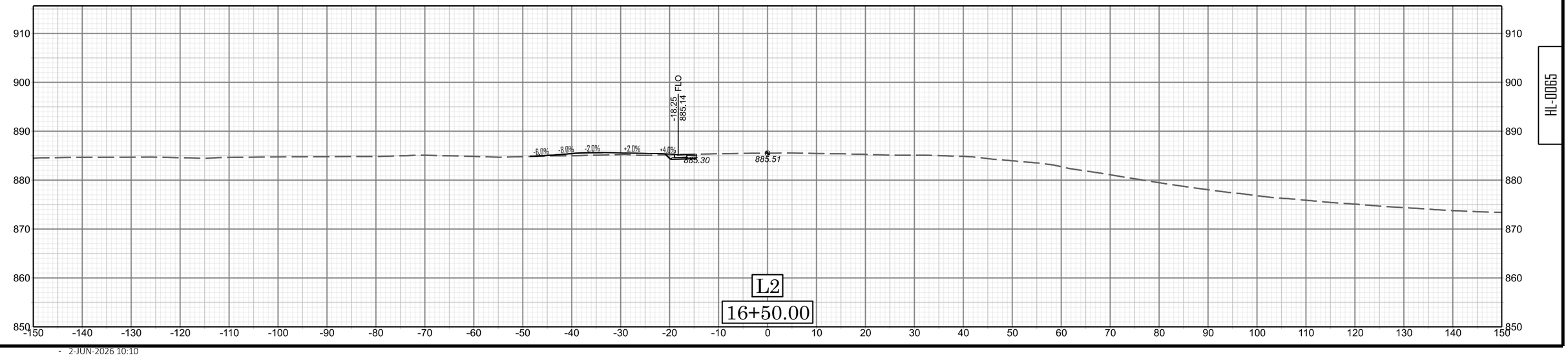
20
10
0

X

DIG

HL-0065





0 10 20

X | 017

HL-0065

35.62
895.67
SS
-18.51
894.68
FLO
18.50
894.72
FLO
30.38
894.95
SS
+2.0%
-2.0%
4:1
4:1
F
894.82
895.00
894.83
L2
18+50.00
-39.15
893.21
SS
-18.50
891.35
FLO
18.50
891.44
FLO
31.75
891.86
SS
C
891.47
891.70
891.58
L2
18+00.00
-38.05
888.50
SS
-18.50
888.44
FLO
18.50
888.38
FLO
32.46
888.46
SS
888.58
888.77
888.55
L2
17+50.00

-18.25
903.44
FLO
18.74
903.46
FLO
29.63
903.84
SS
+2.0%
+4.0%
903.59
903.88
903.62
-1.0%
3.84
F
L2
20+00.00
901.03
L2
19+50.00
18.50
897.84
FLO
30.17
898.11
SS
2.0%
4.1
898.13
897.96
F
L2
19+00.00
930
920
910
900
890
880
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
0
10
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150
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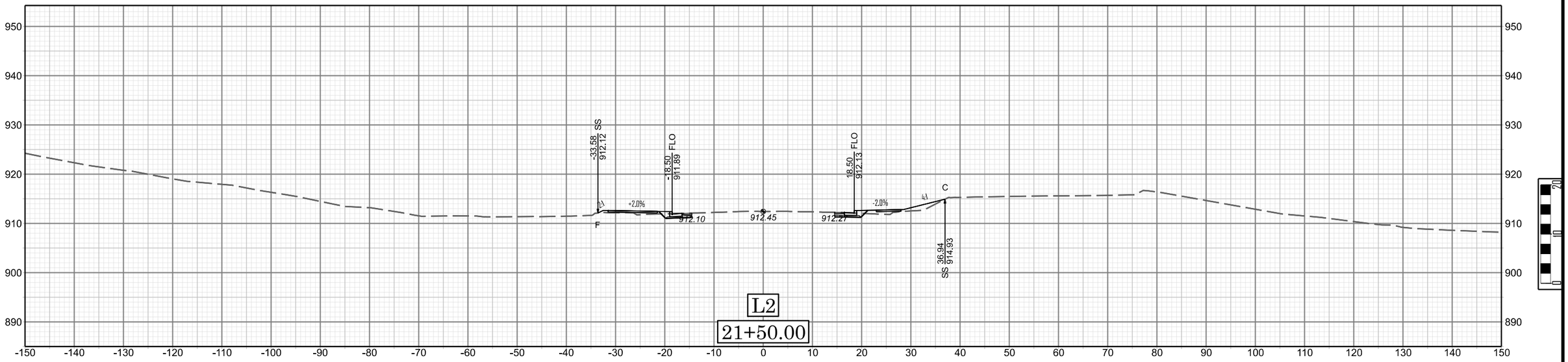
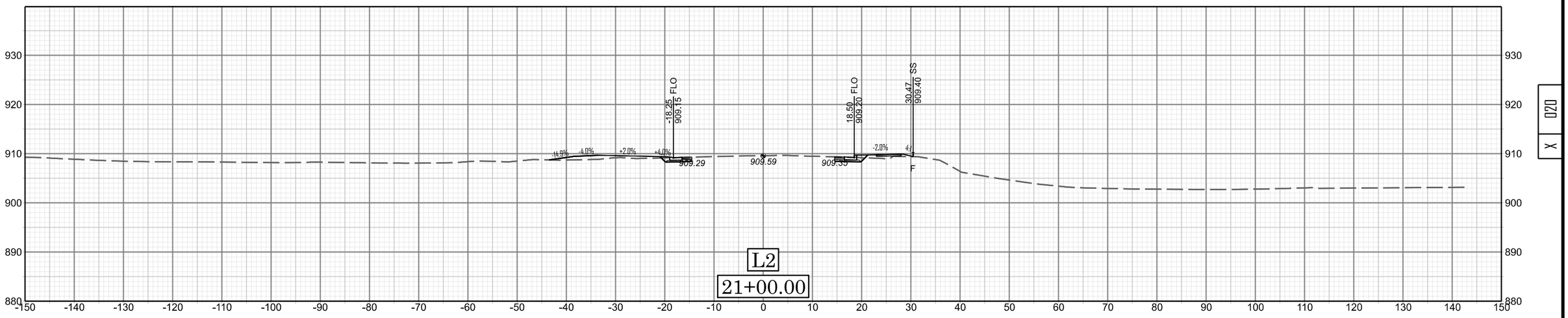
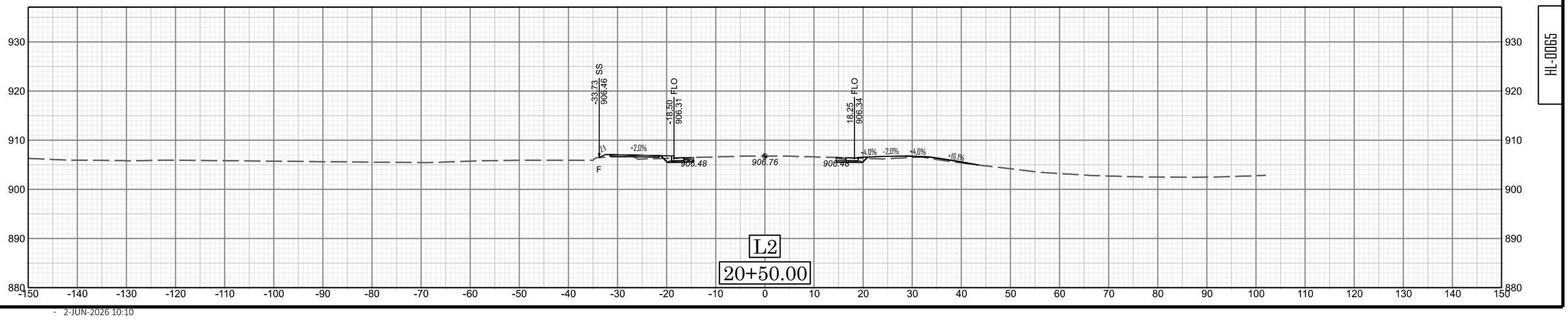
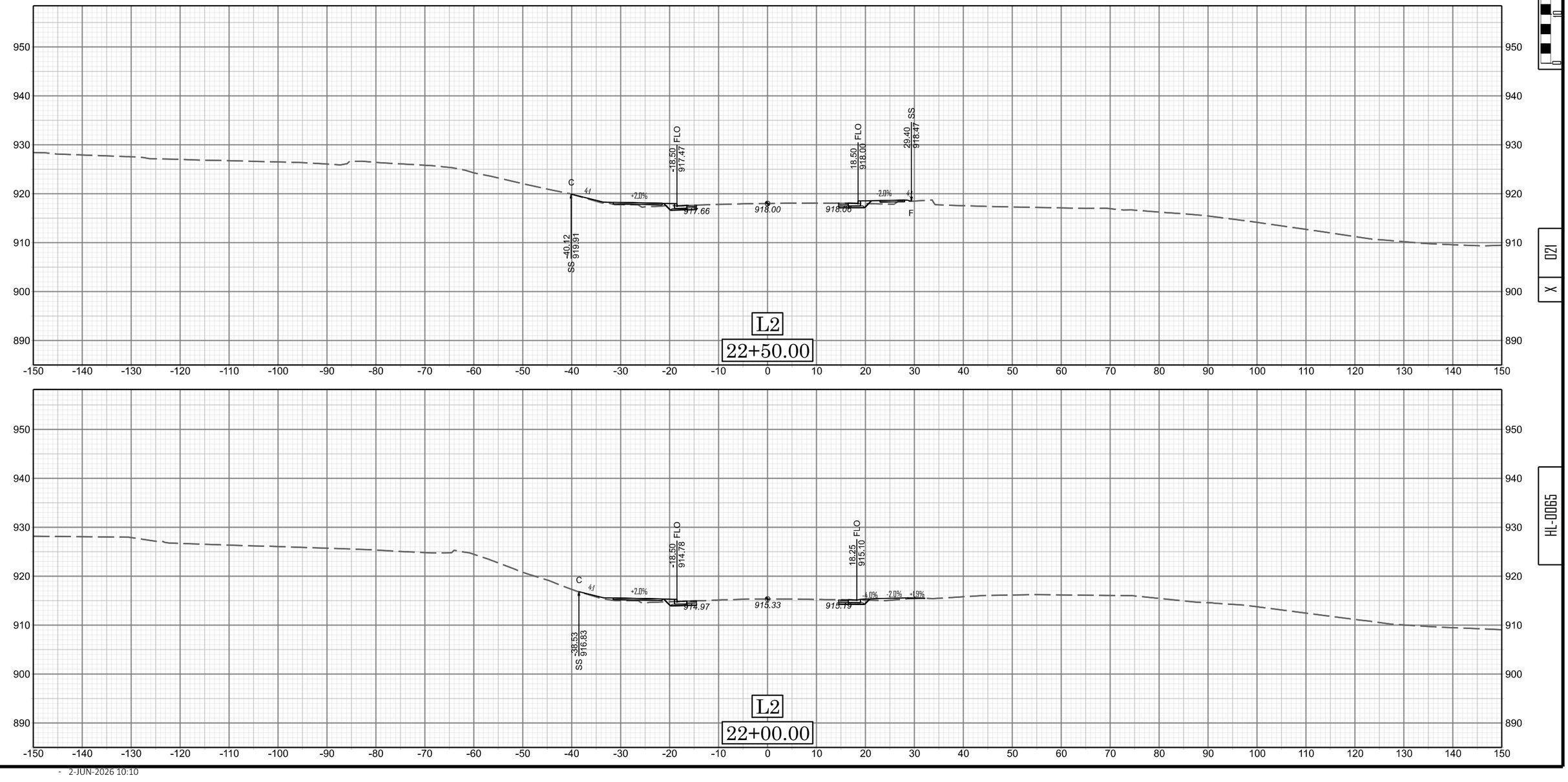
10
0
610
X
HL-0065


-33.58 SS
912.12
-18.50 FLO
911.89
18.50 FLO
912.13
36.94 SS
914.93
+2.0%
-2.0%
912.10
912.45
912.27
F
C
L2
21+50.00


-18.25 FLO
909.15
18.50 FLO
909.20
30.47 SS
909.40
-14.9%
-4.0%
+2.0%
+4.0%
-2.0%
909.29
909.59
909.35
F
L2
21+00.00


-33.73 SS
906.46
-18.50 FLO
906.31
18.25 FLO
906.34
+2.0%
-4.0%
-2.0%
+4.0%
+16.1%
906.48
906.76
906.48
F
L2
20+50.00



HL-0065

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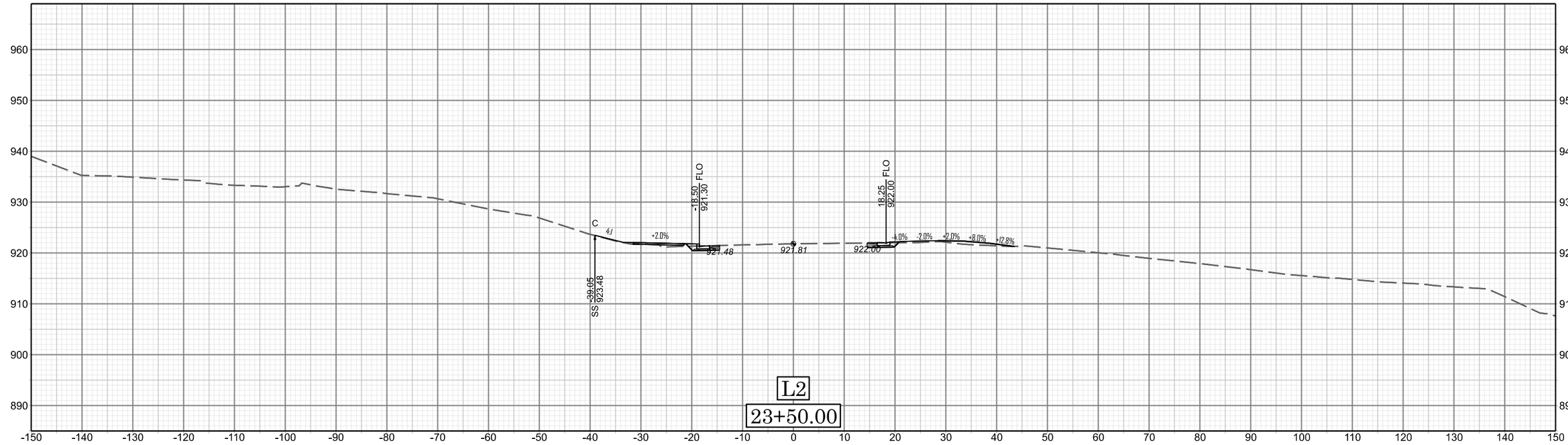
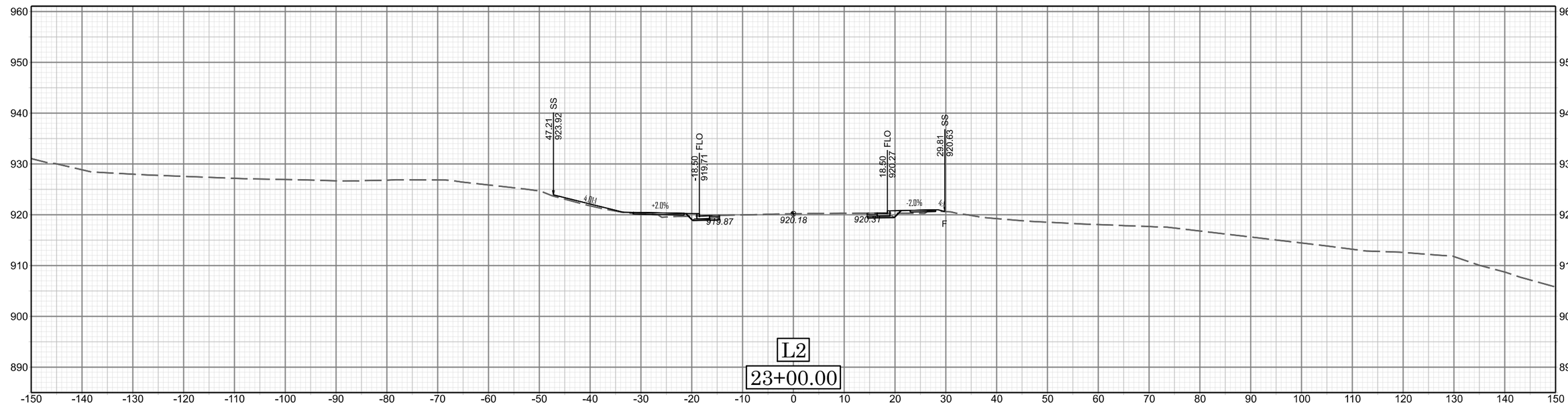
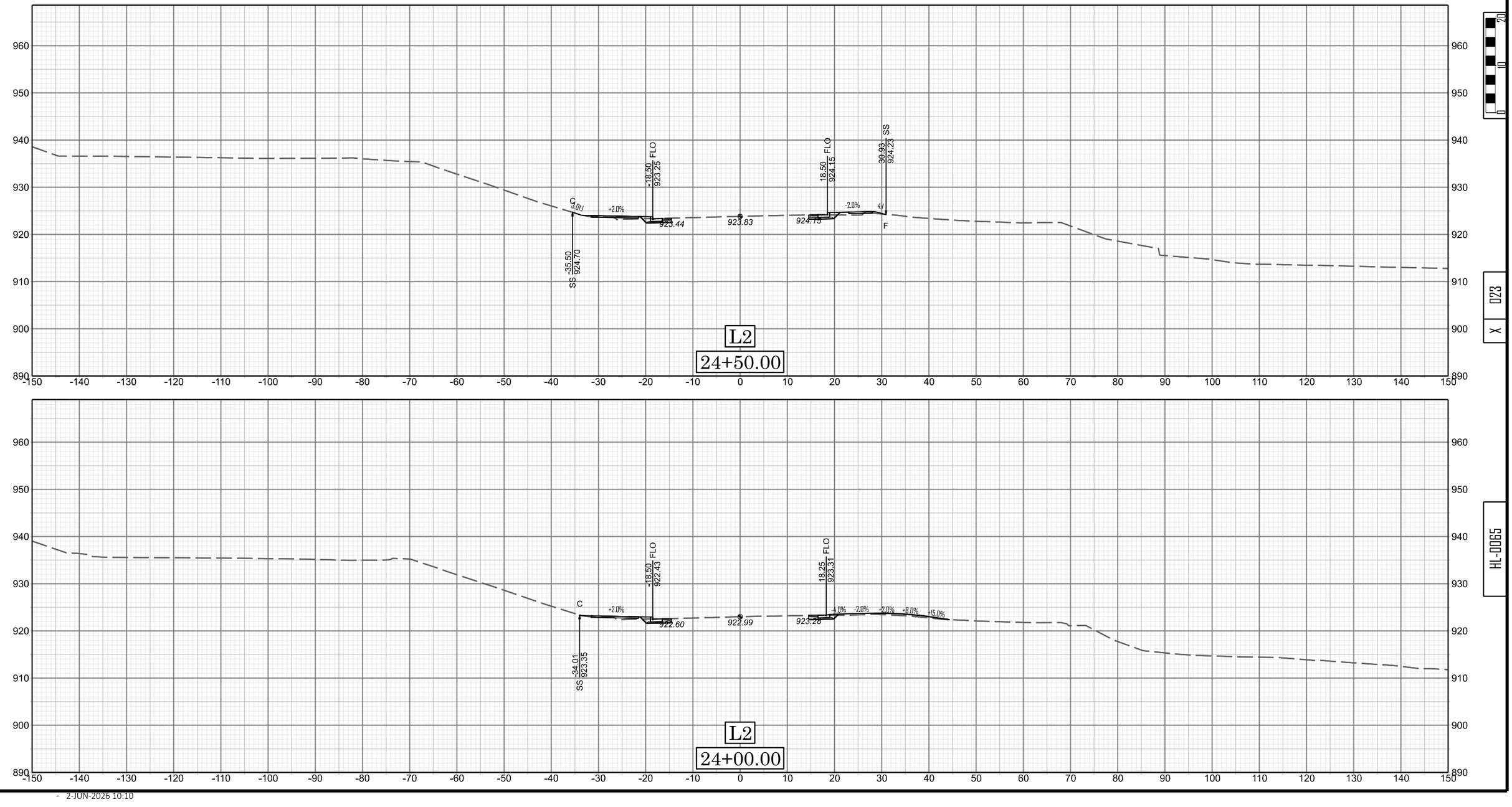




0 10 20

X 072

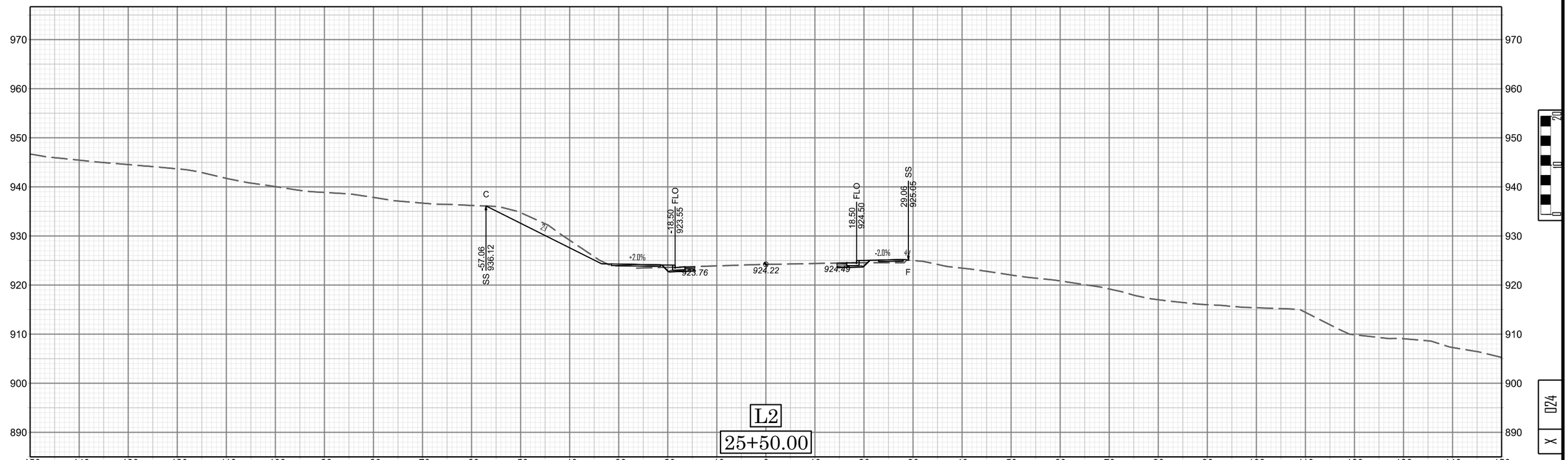
HL-0065

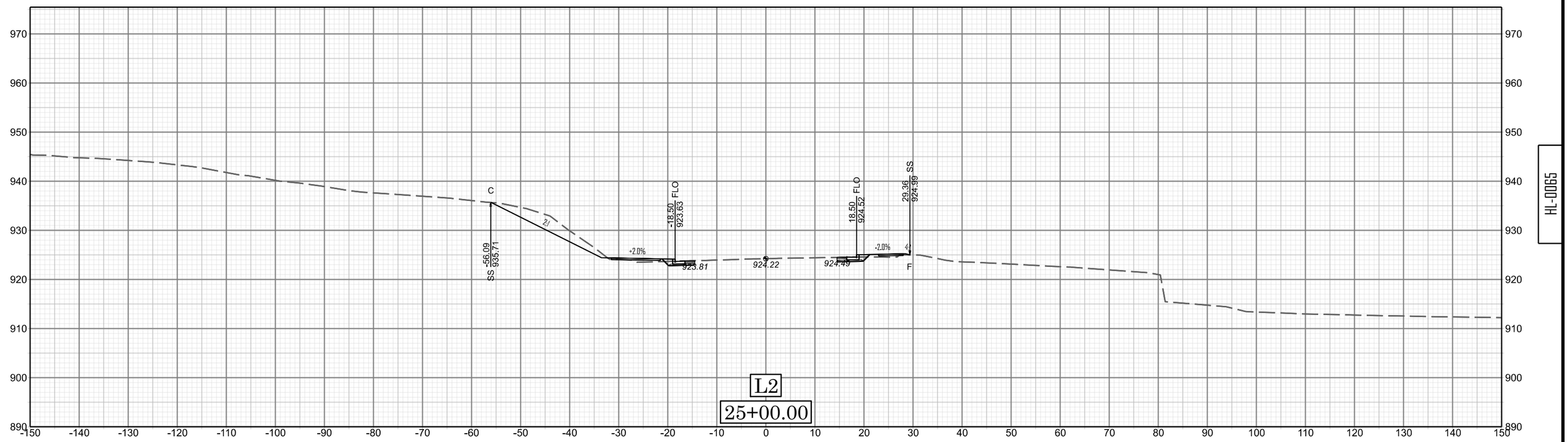


0 10 20

023 X

HL-0065

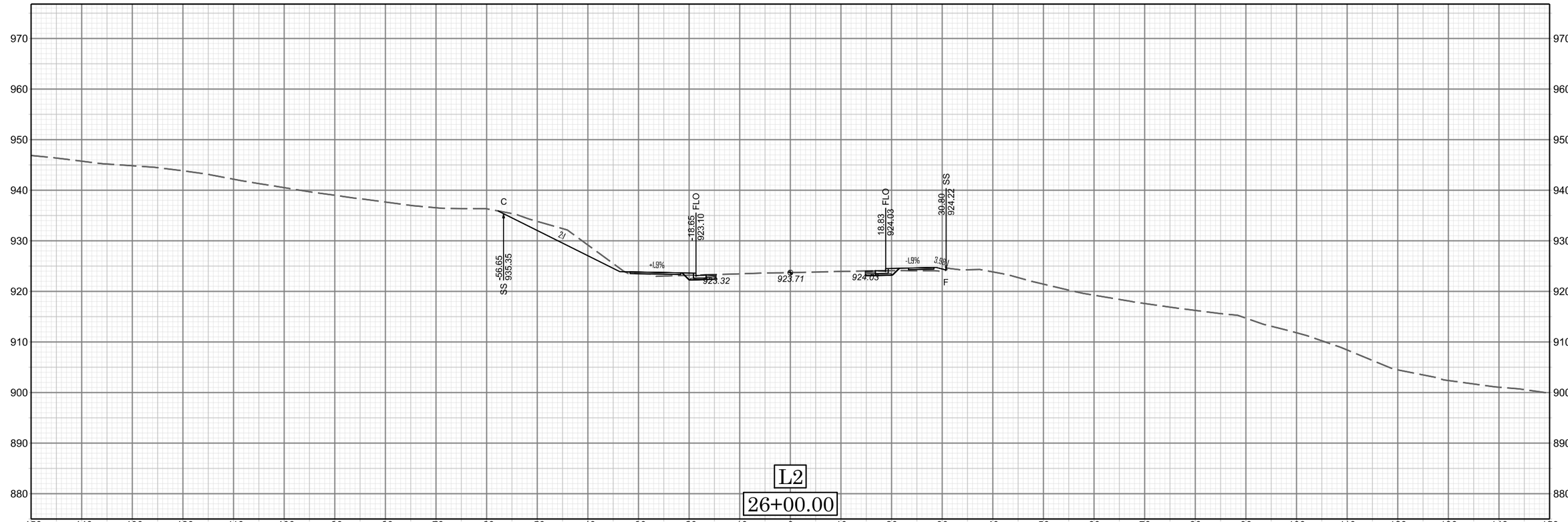

C
-57.06
936.12
SS
2:1
-18.50
923.55
FLO
+2.0%
923.76
924.22
924.49
18.50
924.50
FLO
-2.0%
4%
29.06
925.05
SS
F
L2
25+50.00


C
-56.09
935.71
SS
2:1
-18.50
923.63
FLO
+2.0%
923.81
924.22
924.49
18.50
924.52
FLO
-2.0%
4%
29.36
924.99
SS
F
L2
25+00.00

0 10 20

X 025

HL-0065



20
10
0

X 026

HL-0065

970 960 950 940 930 920 910 900 890 880 870

-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

C 2/

-20.48 FLO
922.24

-38.72 SS
924.63

1.5%

922.45

922.91

923.29

23.32 FLO
923.20

33.72 SS
923.78

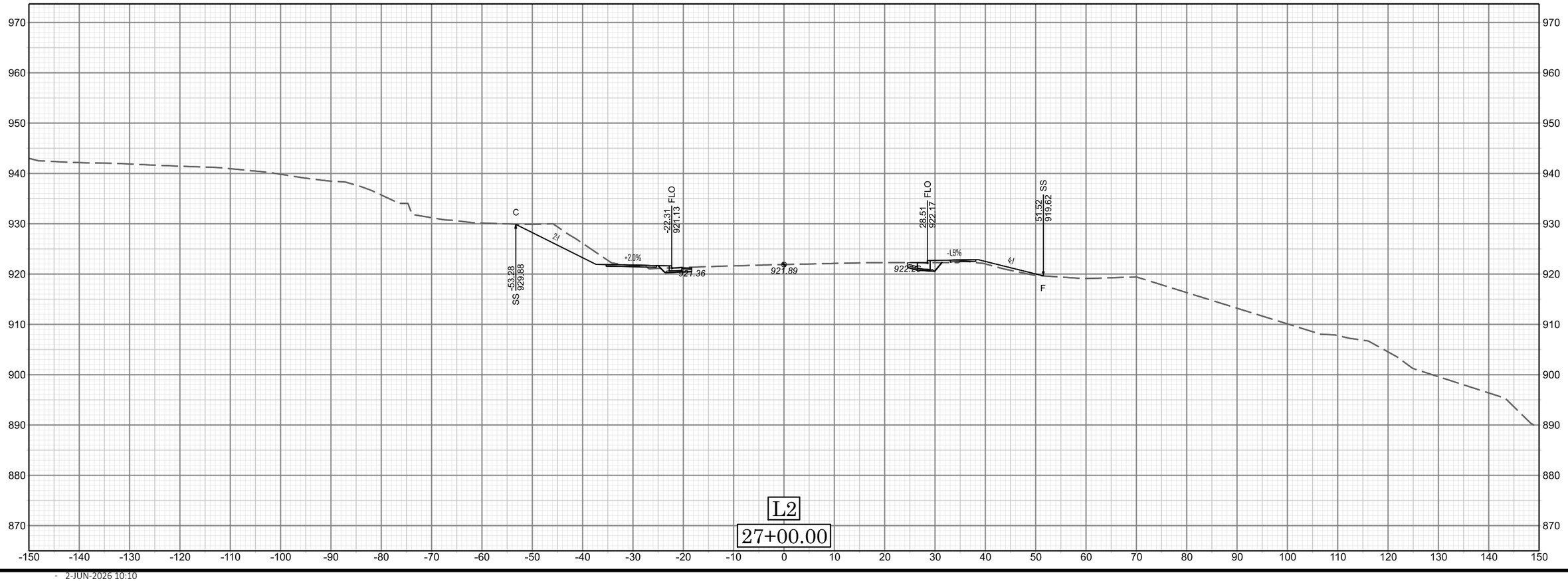
1.8%

F

L2

26+50.00

11/14/23



0 10 20

X 027

HL-0065

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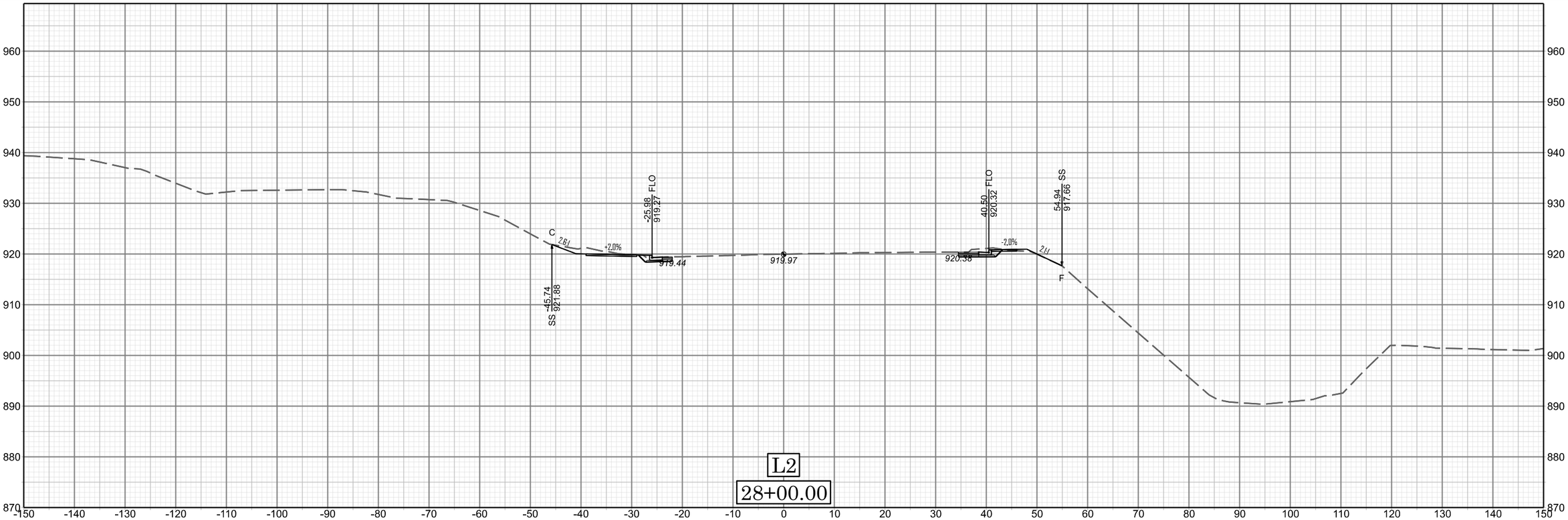
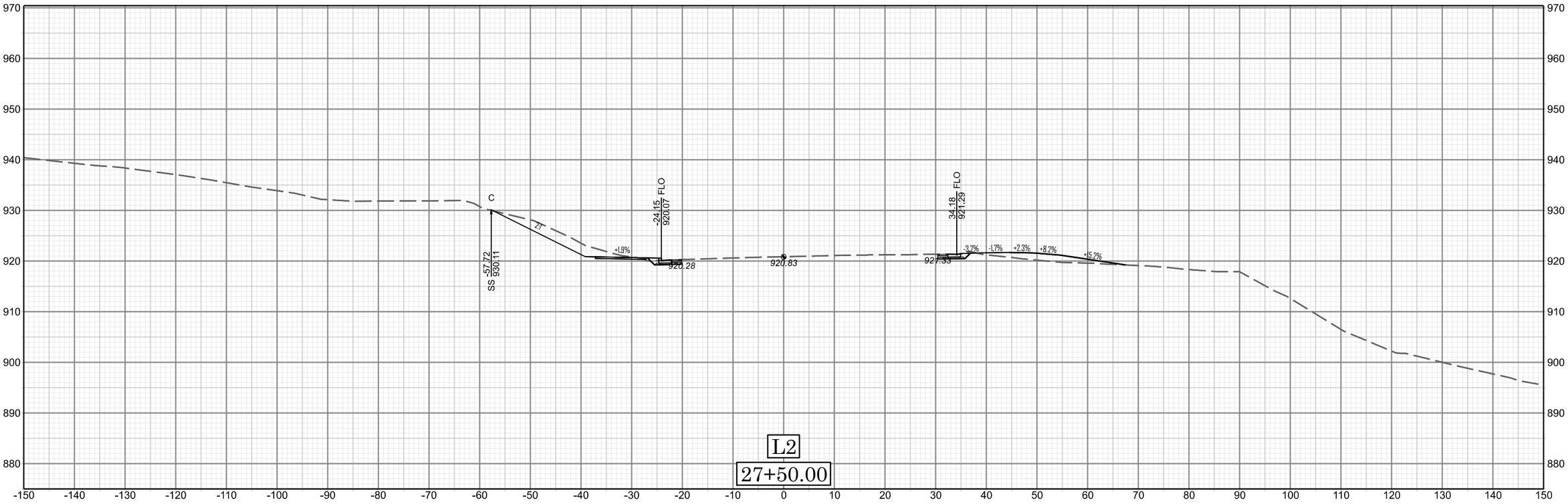


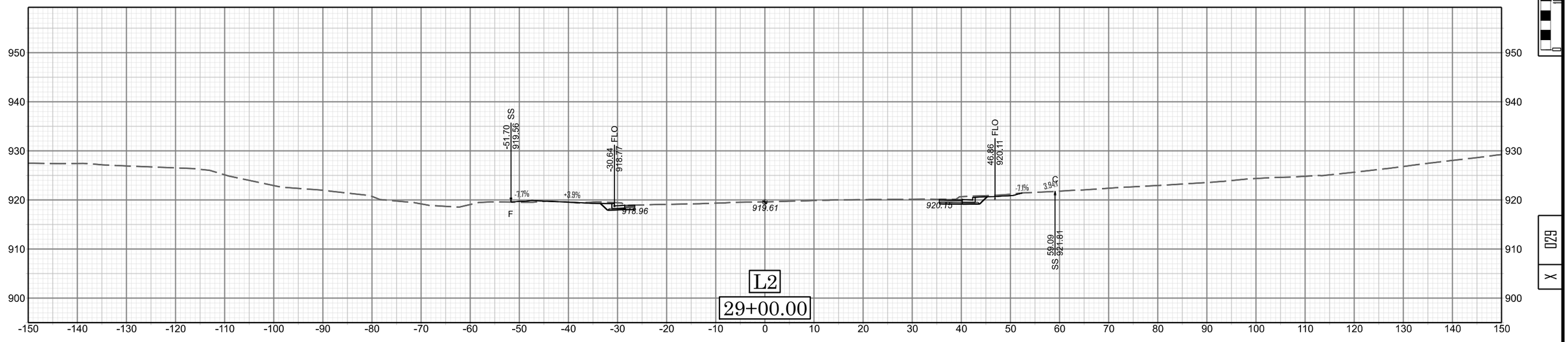
L2

28+00.00



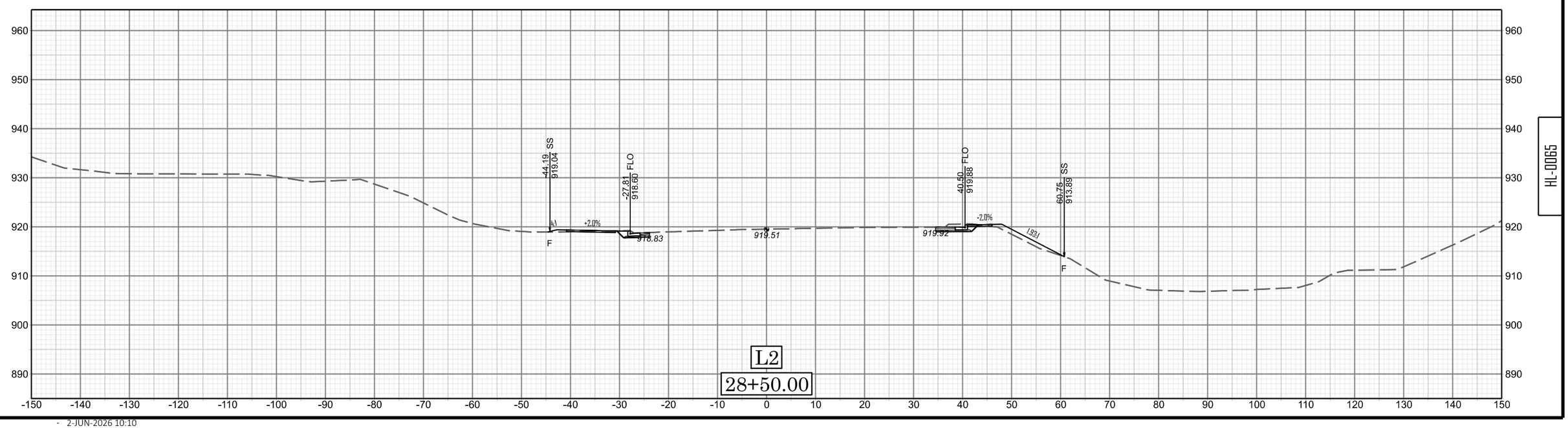
L2

27+50.00



L2

29+00.00



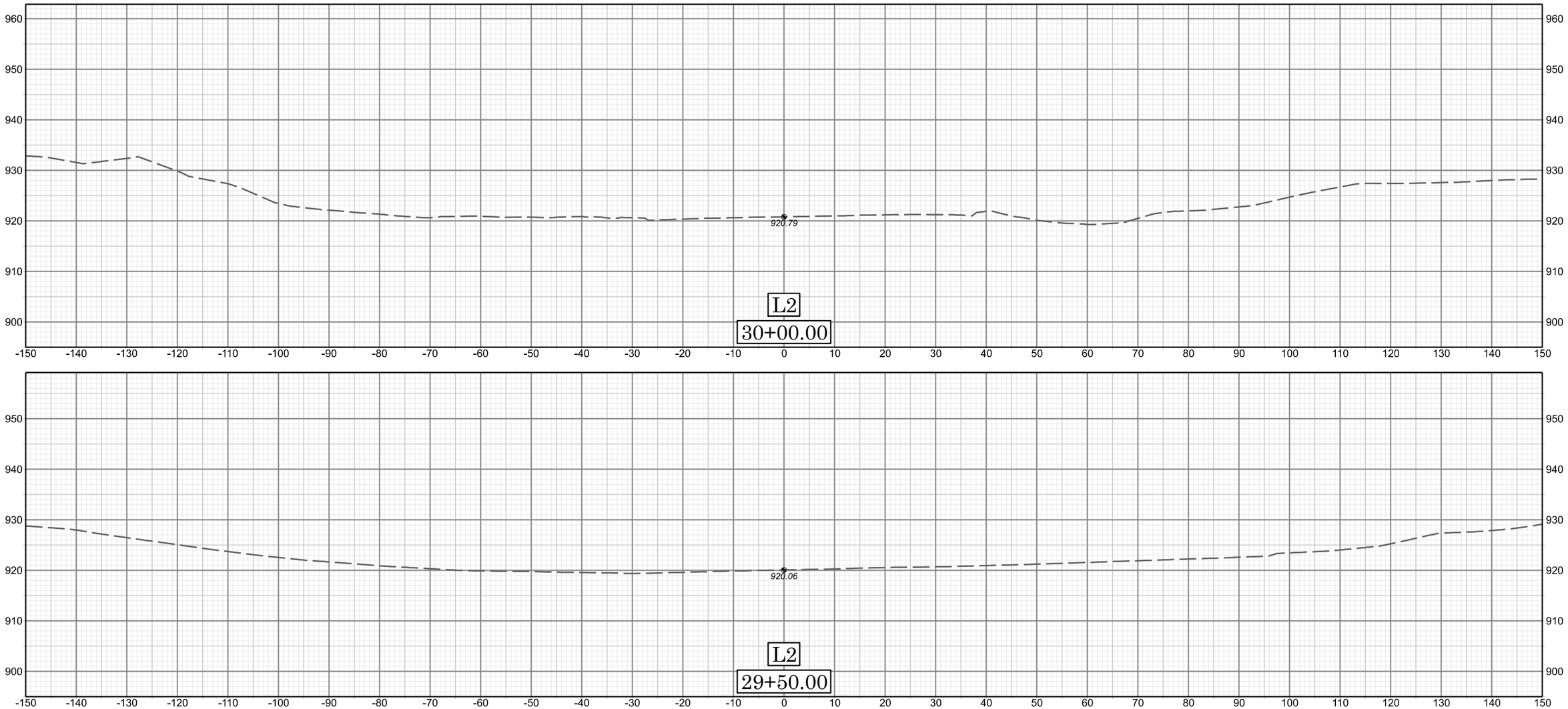
L2

28+50.00

0 10 20

X 029

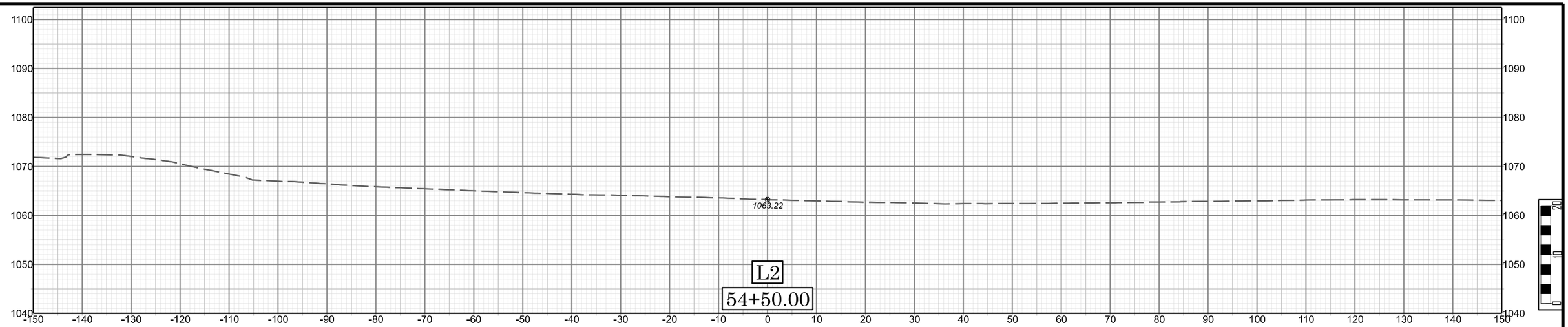
HL-0065

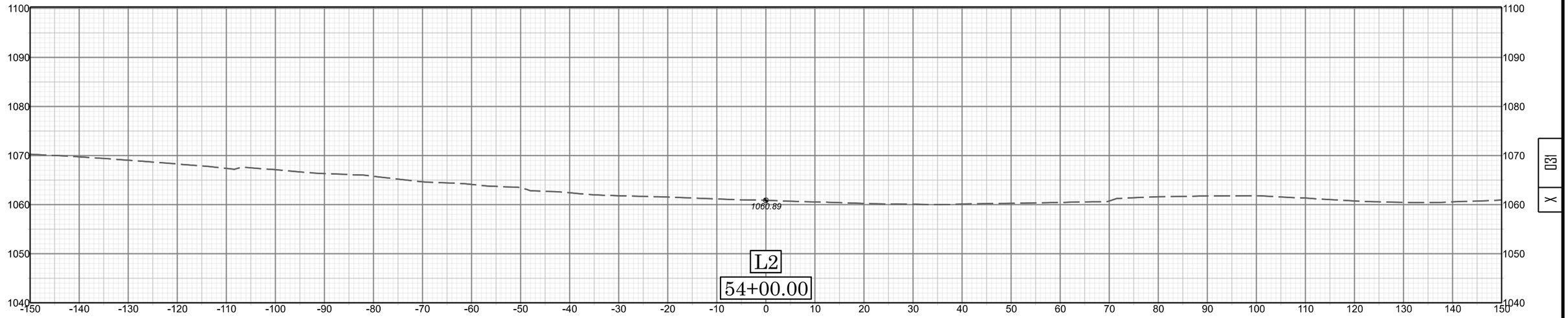


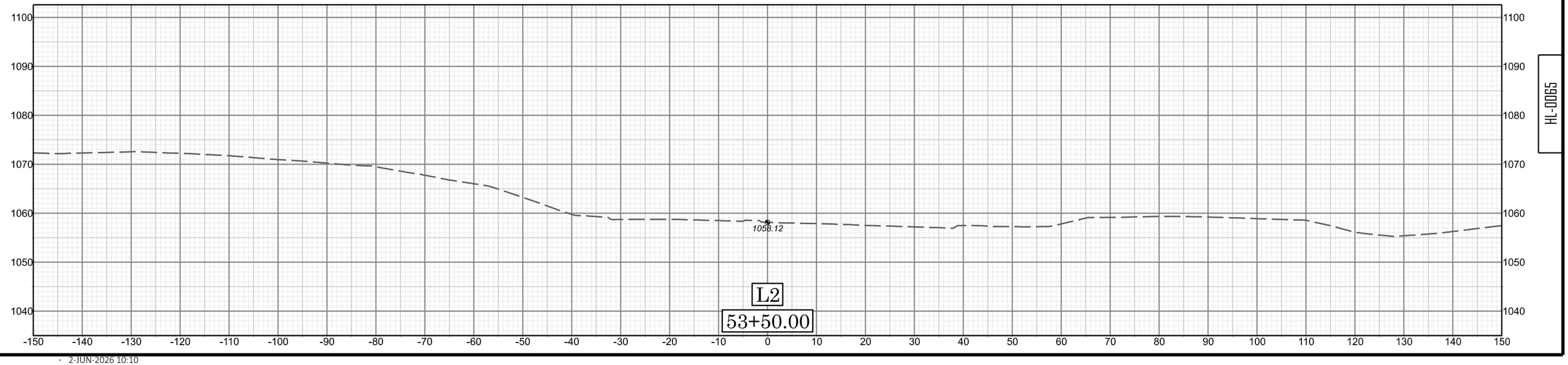
0 10 20

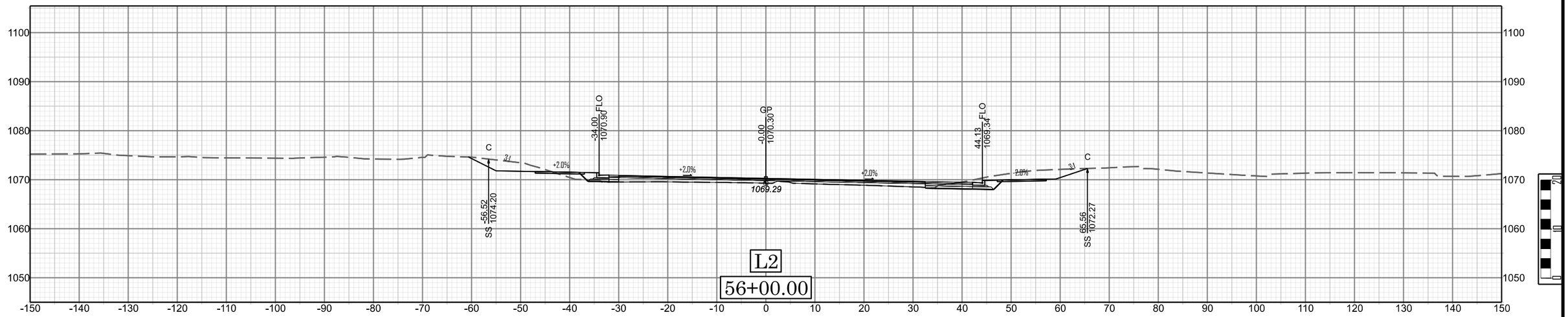
X 030

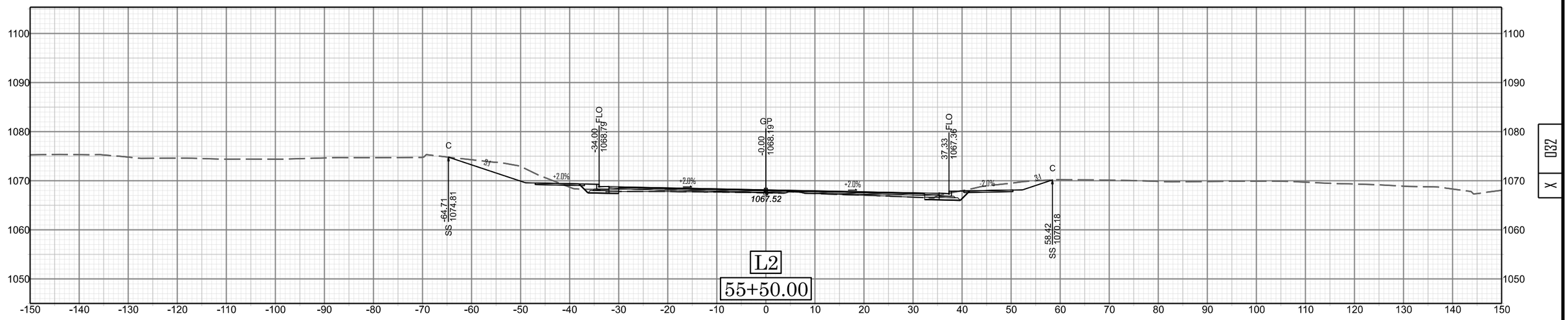
HL-0065

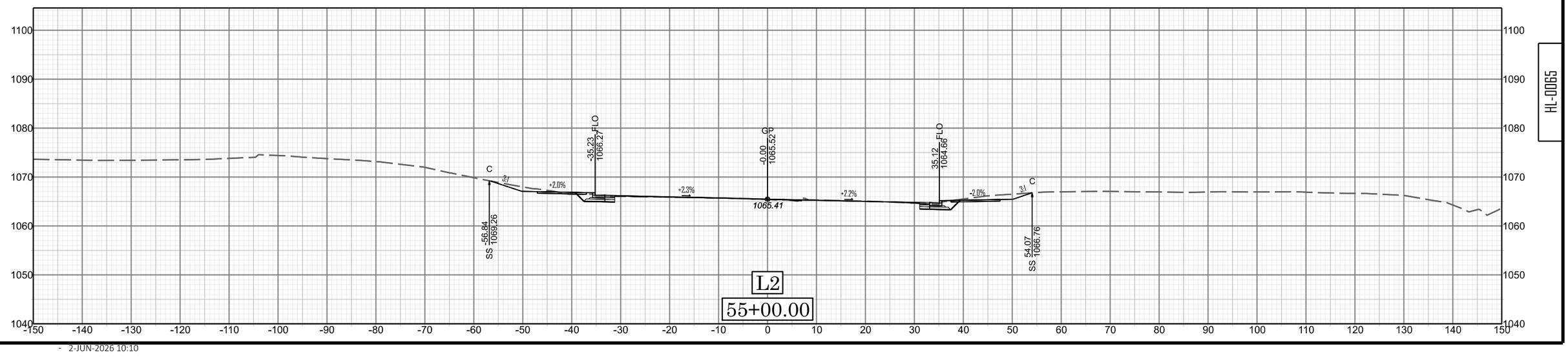

1063.22
L2
54+50.00

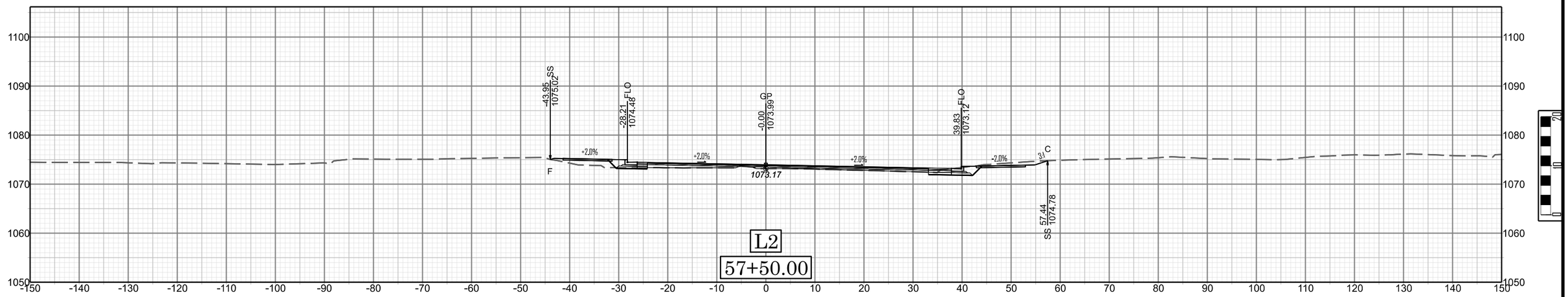

1060.89
L2
54+00.00


1058.12
L2
53+50.00


-34.00 FLO 1070.90
-0.00 G 1070.30
44.18 FLO 1069.34
C
-56.52 SS 1074.20
65.56 SS 1072.27
+2.0%
+2.0%
+2.0%
-2.0%
3:1
3:1
1069.29
L2
56+00.00

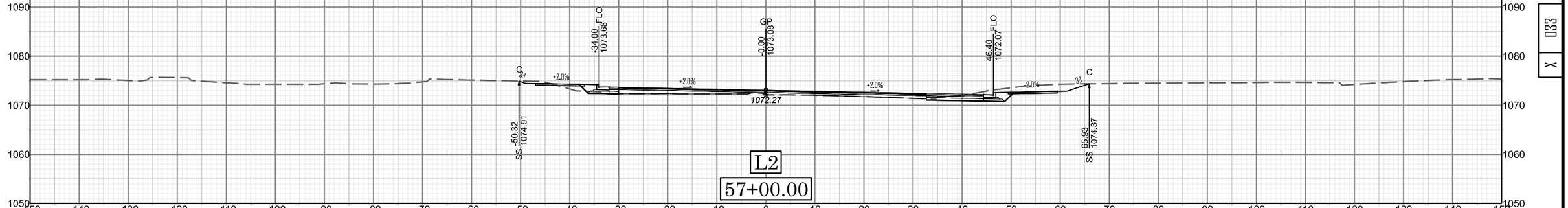

-34.00 FLO 1068.79
-0.00 G 1068.19
37.33 FLO 1067.36
C
-64.71 SS 1074.81
58.42 SS 1070.18
+2.0%
+2.0%
+2.0%
-2.0%
3:1
3:1
1067.52
L2
55+50.00


-35.23 FLO 1066.27
-0.00 G 1065.52
35.12 FLO 1064.66
C
-56.84 SS 1069.26
54.07 SS 1066.76
+2.0%
+2.3%
+2.2%
-2.0%
3:1
3:1
1065.41
L2
55+00.00



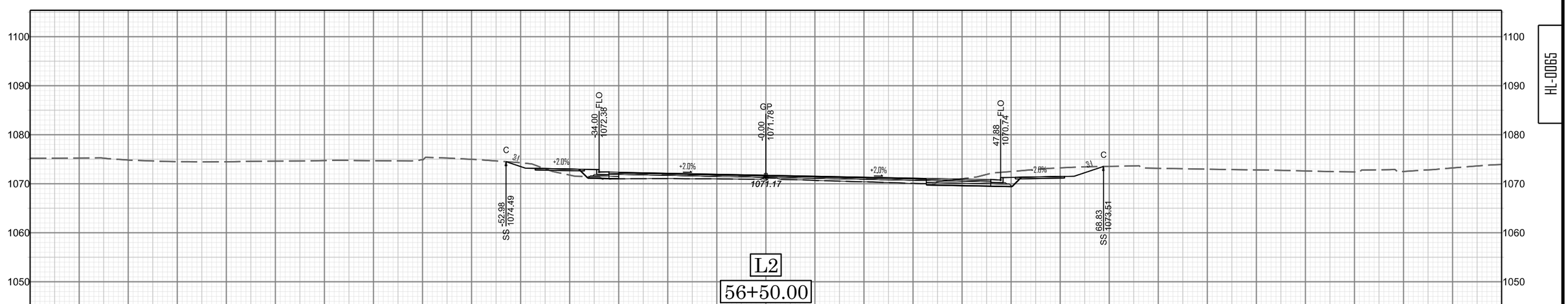
L2

57+50.00



L2

57+00.00



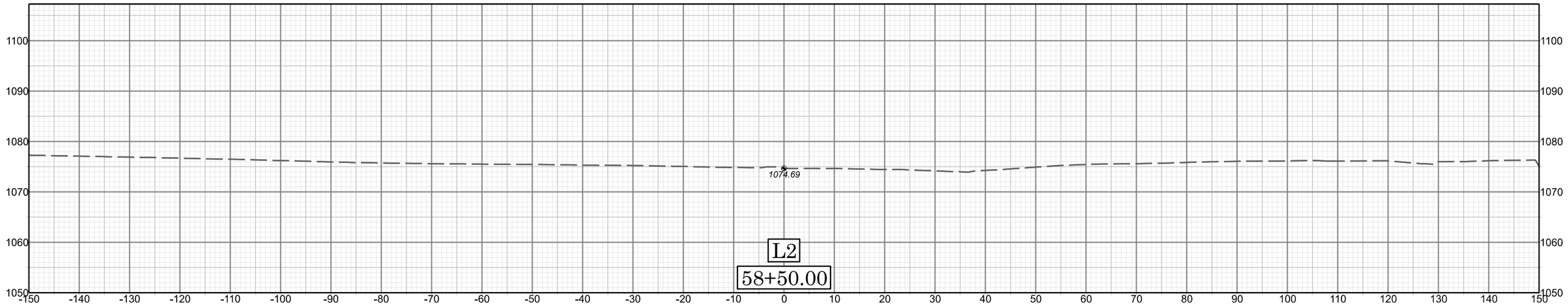
L2

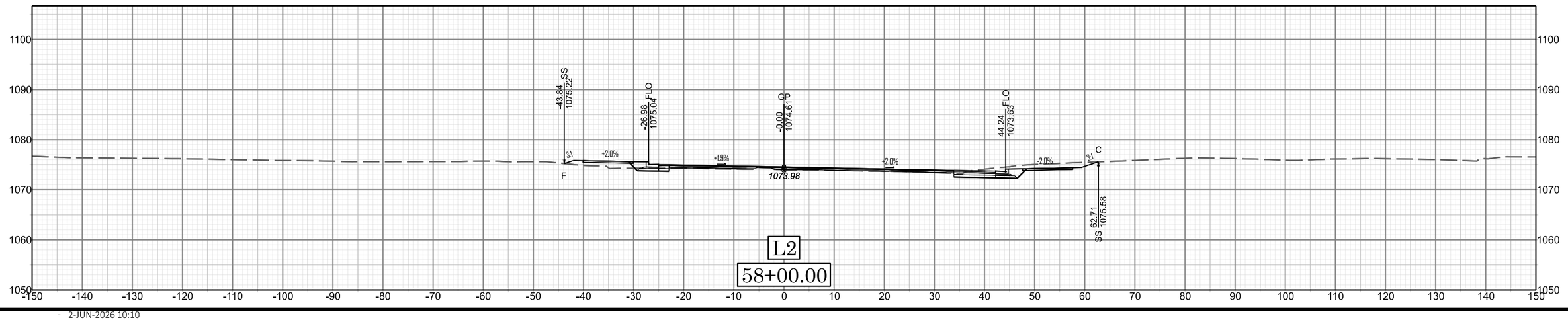
56+50.00

X 033

HL-0065

11/14/23





0 10 20

X

D34

HL-0065

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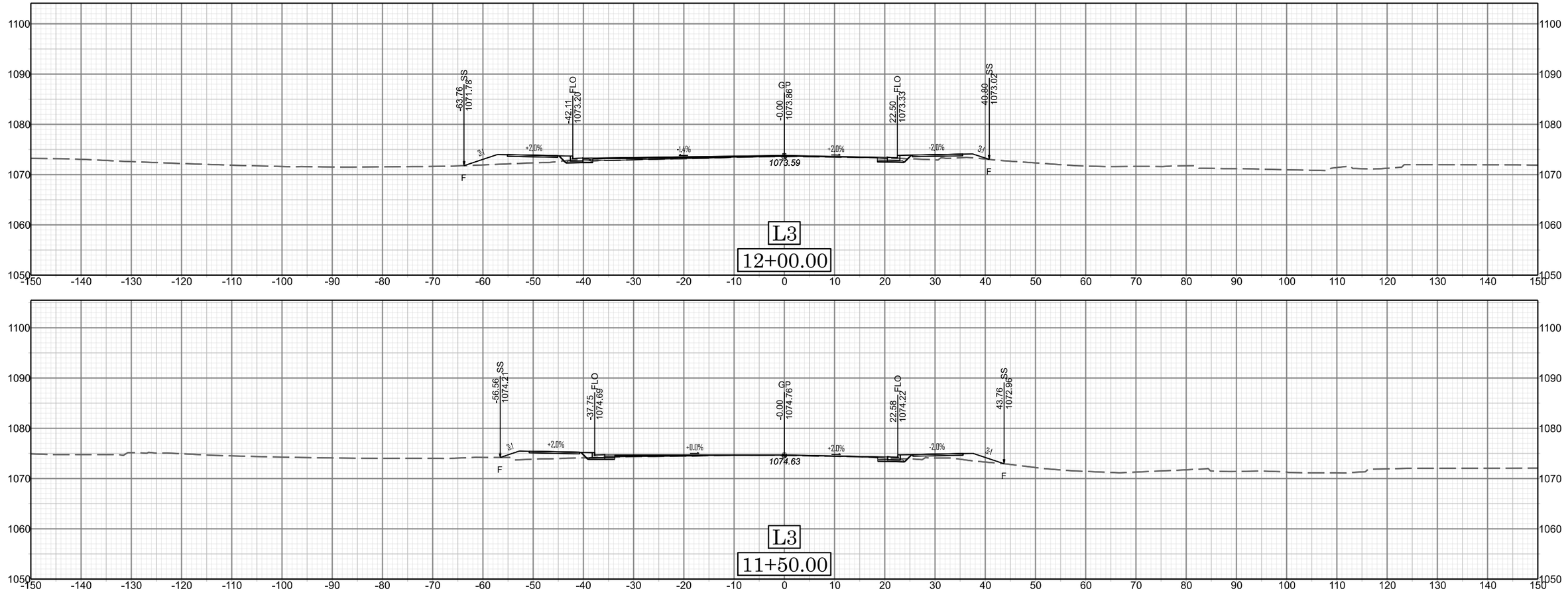
11/14/23



X 035

HL-0065

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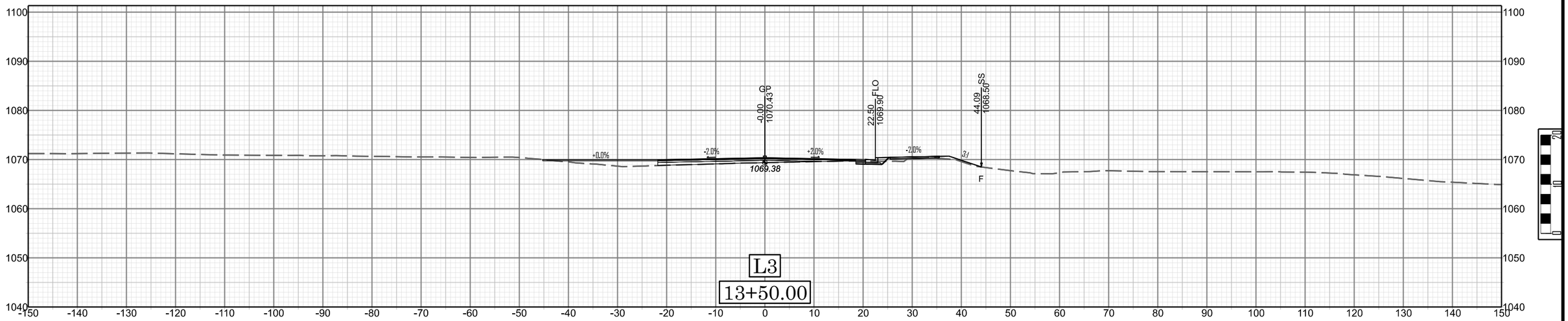
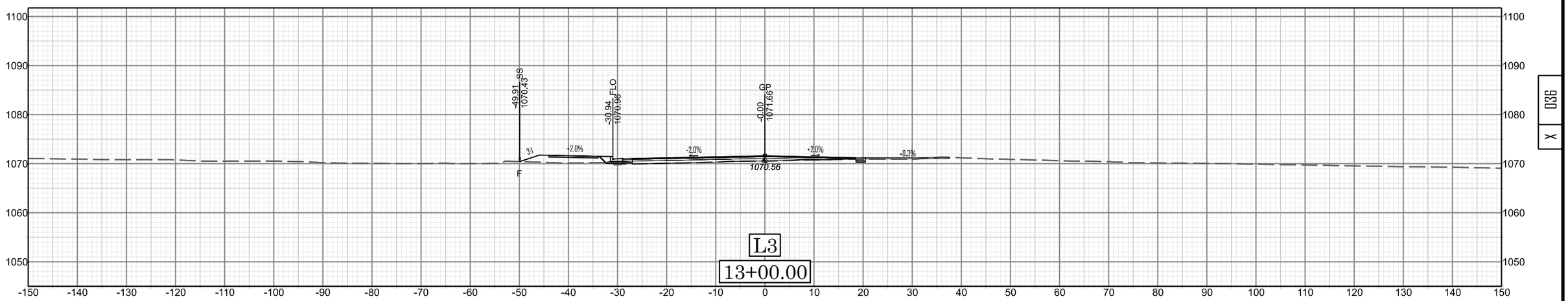
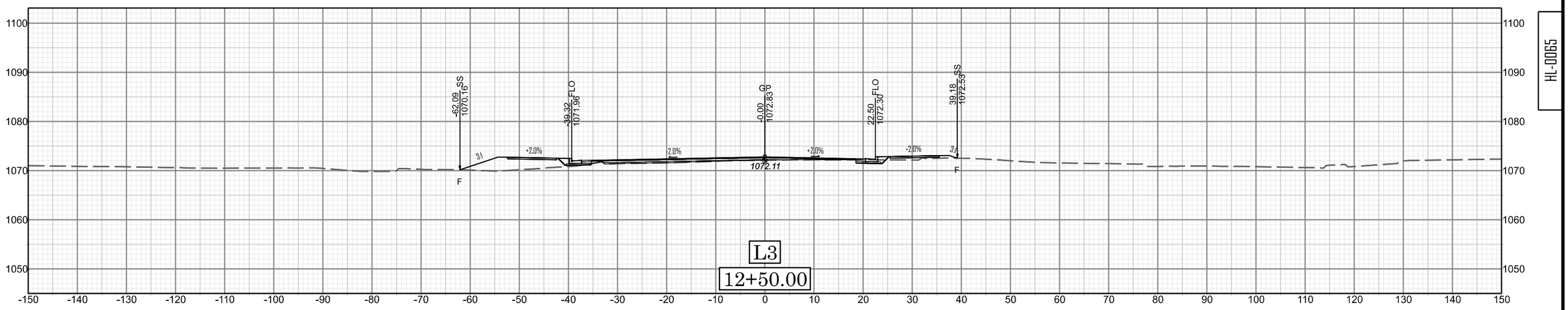
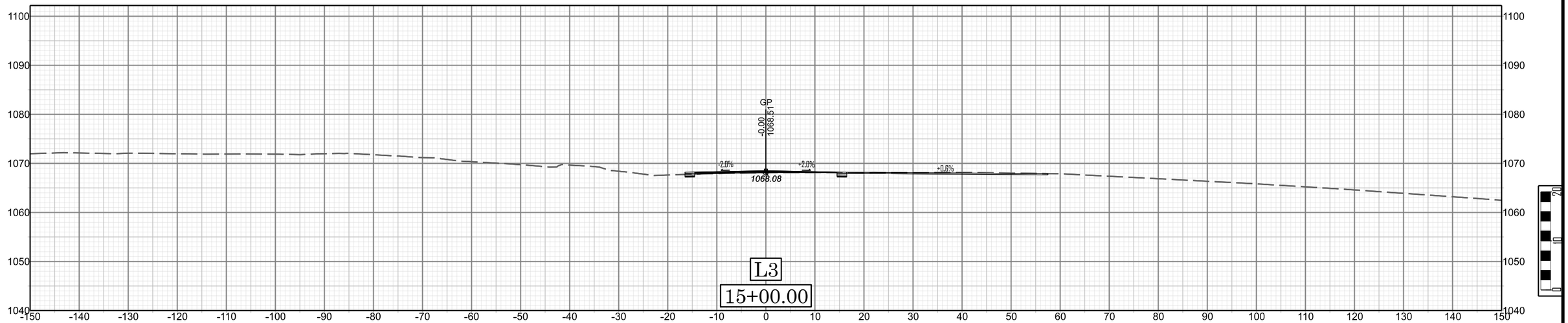
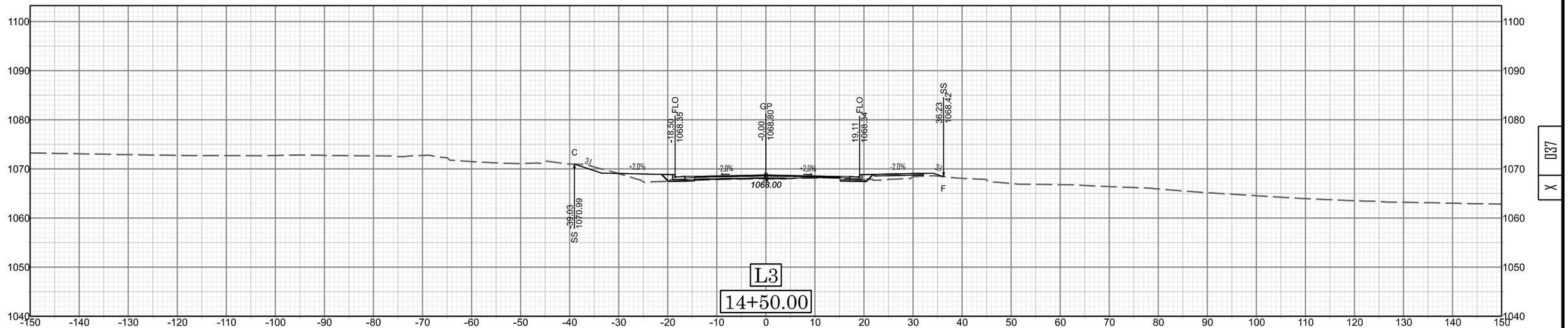
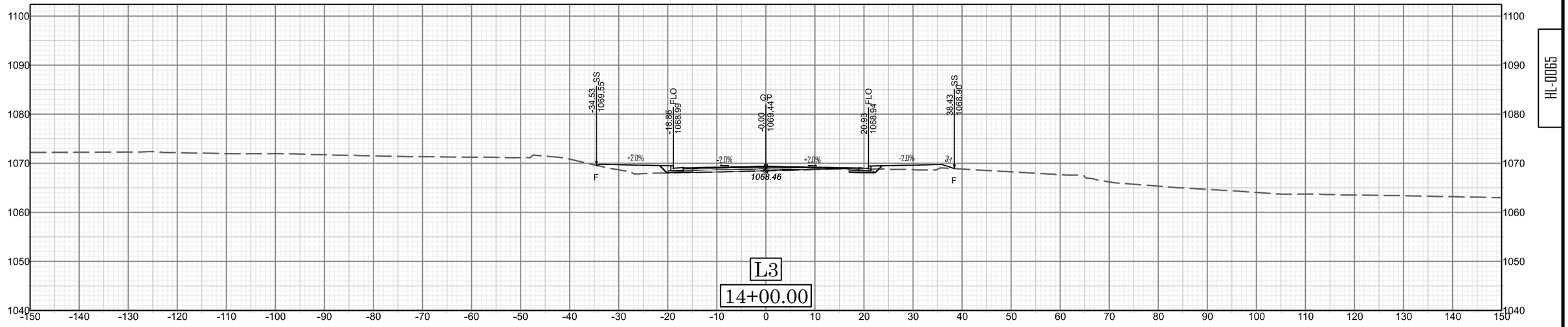

G
-0.00
1070.43
FLO
22.50
1069.90
SS
44.09
1068.50
+0.0%
-2.0%
+2.0%
-2.0%
2:1
1069.38
F
L3
13+50.00

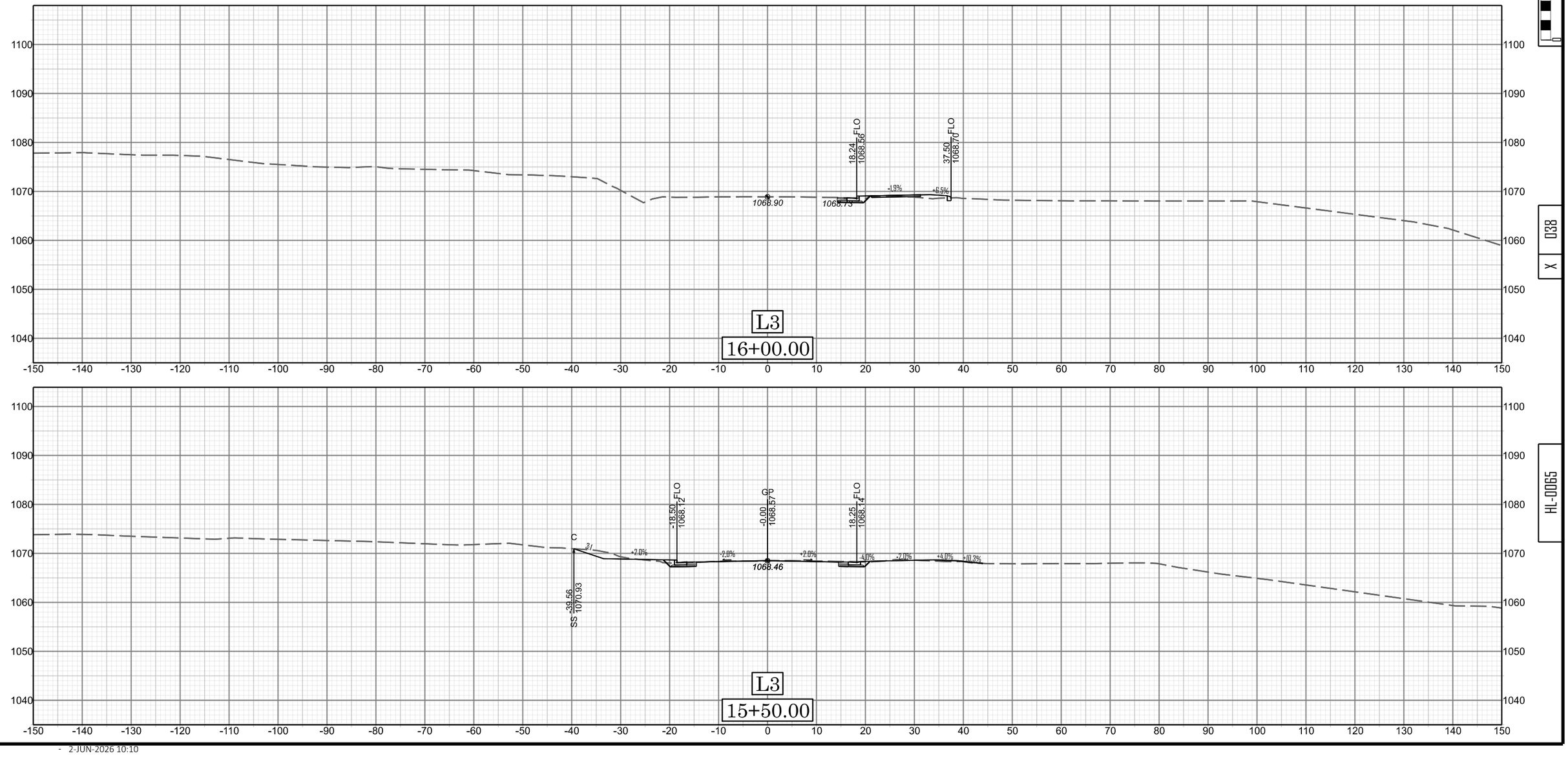

SS
-49.91
1070.43
FLO
-30.94
1070.96
G
-0.00
1071.66
3:1
+2.0%
-2.0%
+2.0%
-0.3%
F
1070.56
L3
13+00.00


SS
-62.09
1070.16
FLO
-39.32
1071.96
G
-0.00
1072.83
FLO
22.50
1072.30
SS
39.18
1072.53
3:1
+2.0%
2.0%
+2.0%
-2.0%
3:1
F
F
1072.11
L3
12+50.00

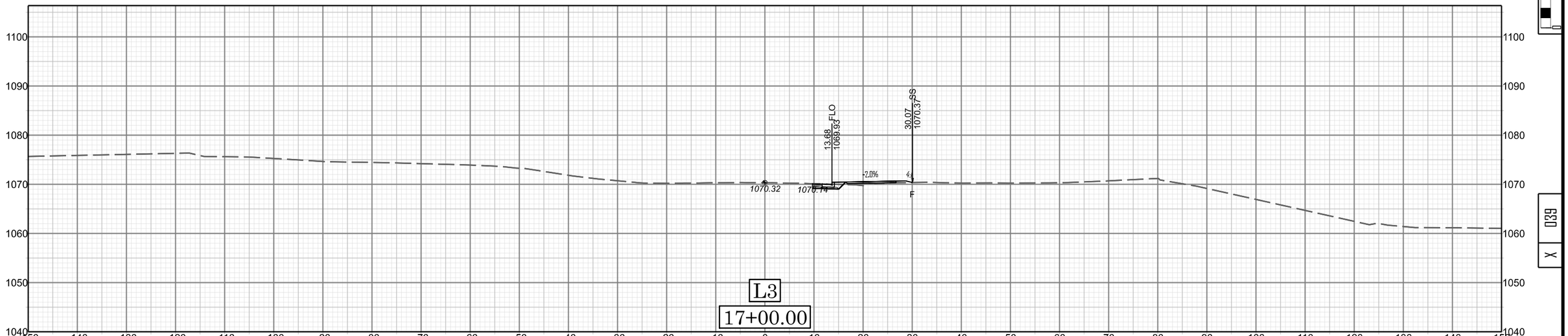

G
-0.00
1068.51
-2.0%
+2.0%
+0.6%
1068.08
L3
15+00.00

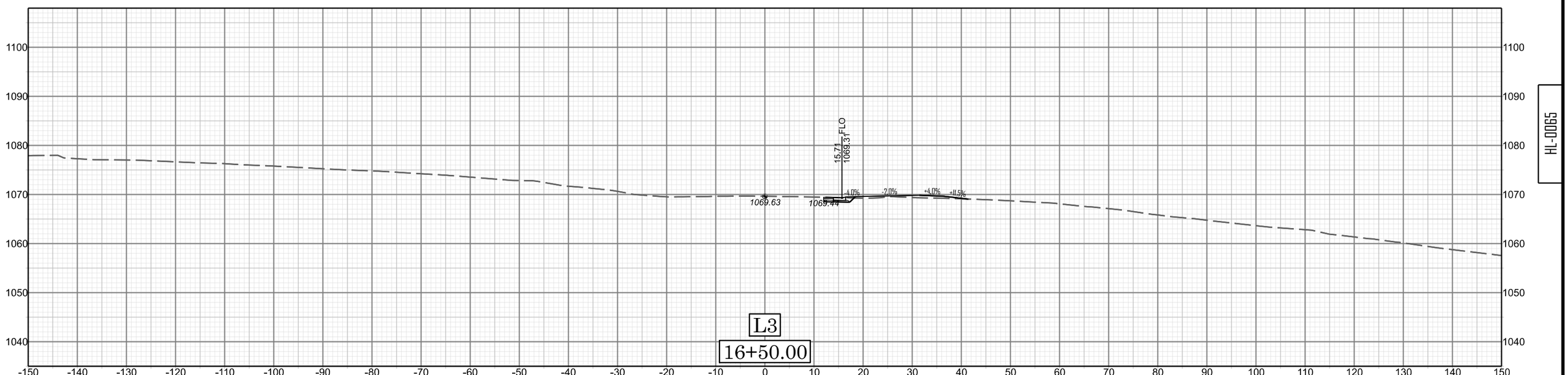

C
3:1
-39.03
SS
1070.99
-18.50
FLO
1068.85
G
-0.00
1068.80
19.11
FLO
1068.54
36.23
SS
1068.42
+2.0%
-2.0%
+2.0%
-2.0%
3:1
F
1068.00
L3
14+50.00


-34.53
SS
1069.55
-18.86
FLO
1068.99
G
-0.00
1069.44
20.93
FLO
1068.94
38.43
SS
1068.90
+2.0%
-2.0%
+2.0%
-2.0%
3:1
F
F
1068.46
L3
14+00.00


1100
1090
1080
1070
1060
1050
1040
-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
18.24 FLO 1068.56
37.50 1066.70 FLO
-1.0%
+6.5%
1068.90
1066.73
L3
16+00.00
-18.50 FLO 1068.12
-0.00 Q 1068.57
18.25 FLO 1068.14
C
-3.1
+2.0%
-2.0%
+2.0%
-4.0%
-2.0%
+4.0%
+10.3%
1068.46
SS -39.56 1070.93
L3
15+50.00
0
10
20
X
038
HL-0065

11/14/23



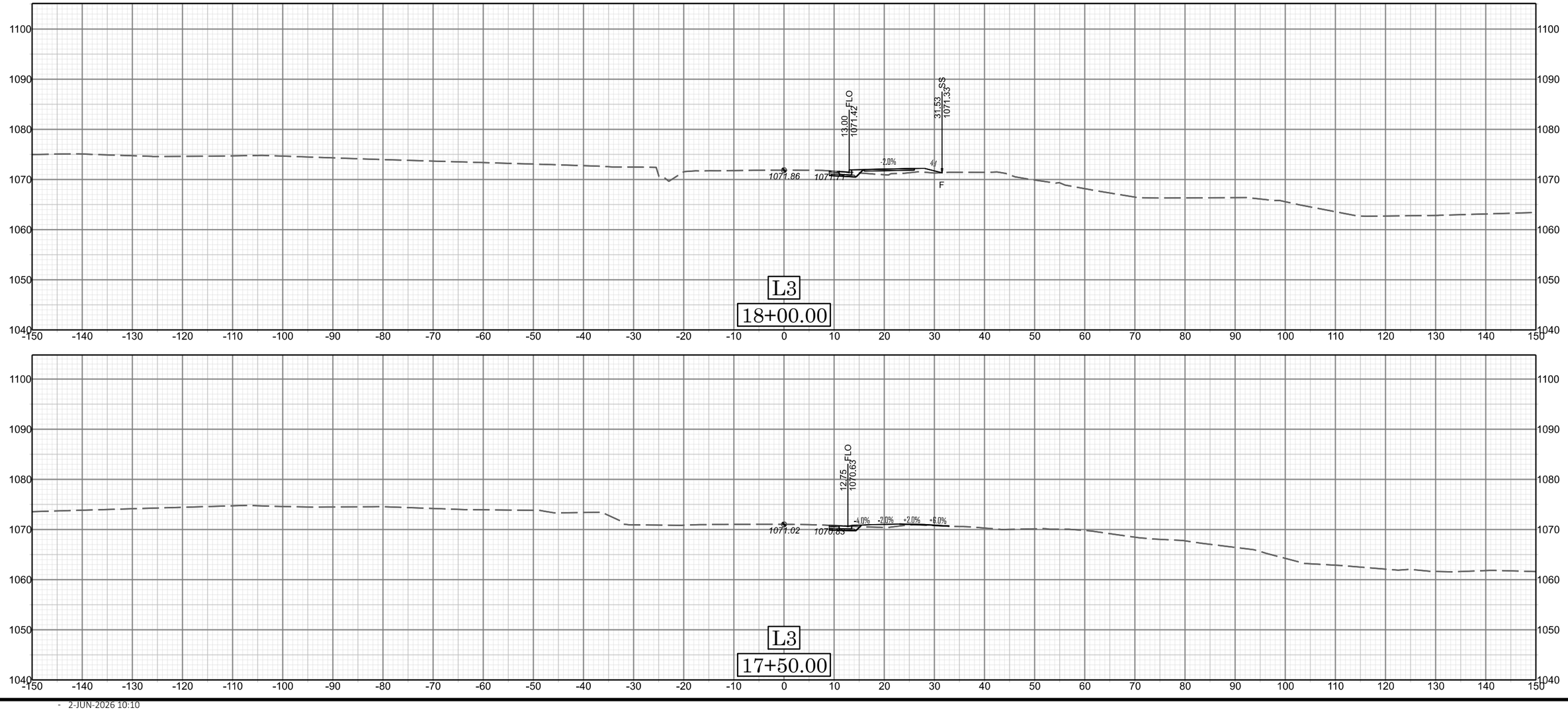


0 10 20

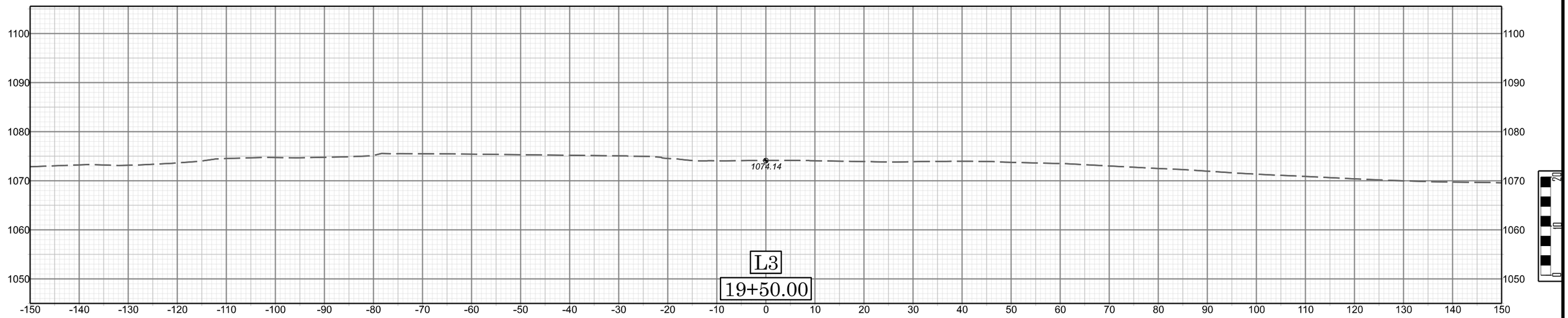
X 039

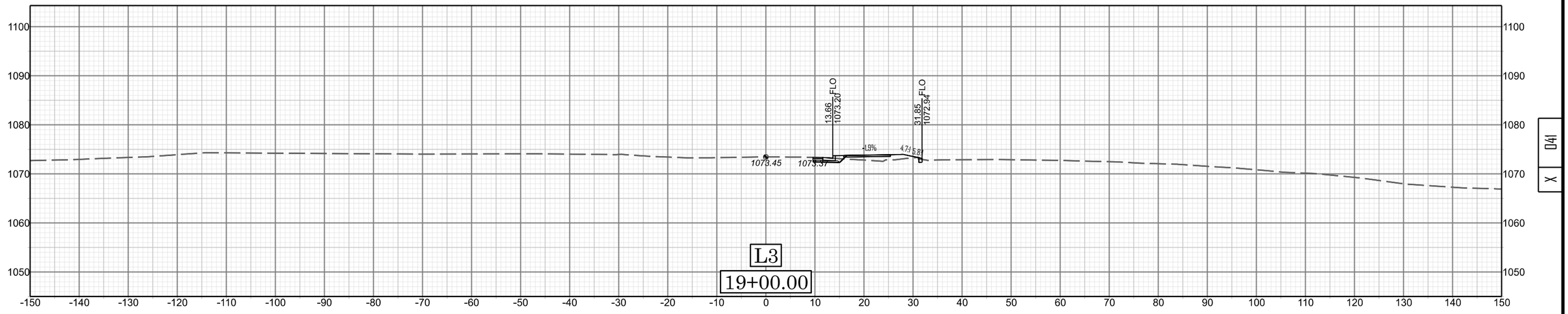
HL-0065

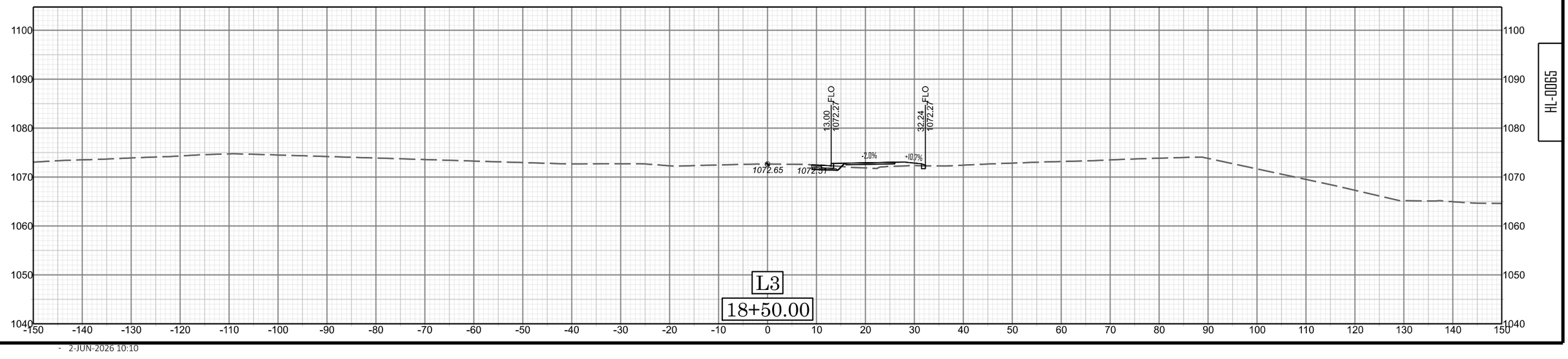
HNTB - 2-JUN-2026 10:10

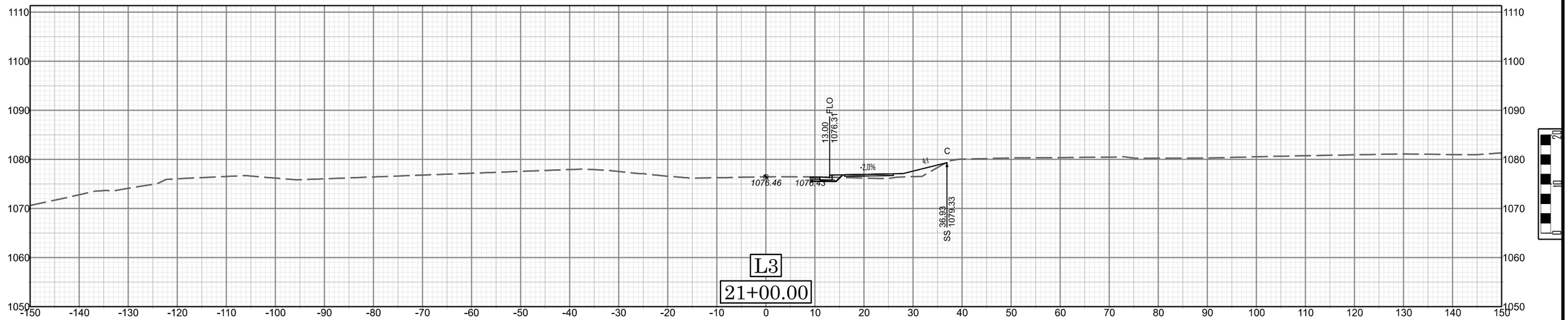

1100
1090
1080
1070
1060
1050
1040
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
13.00
1071.42
FLO
31.53
1071.33
SS
-2.0%
4%
1071.86
F
L3
18+00.00
12.75
1070.63
FLO
-4.0%
-2.0%
+2.0%
+6.0%
1071.02
L3
17+50.00
20
10
0
X
040
HL-0065

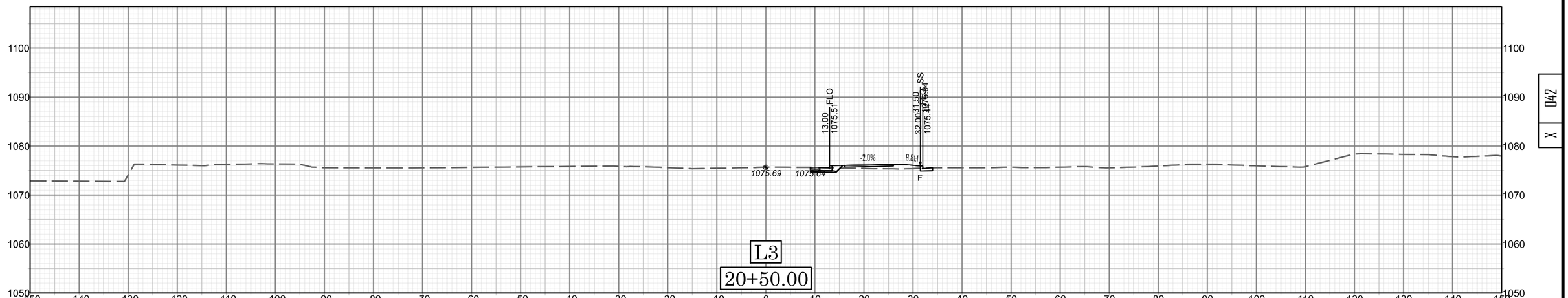
11/14/23

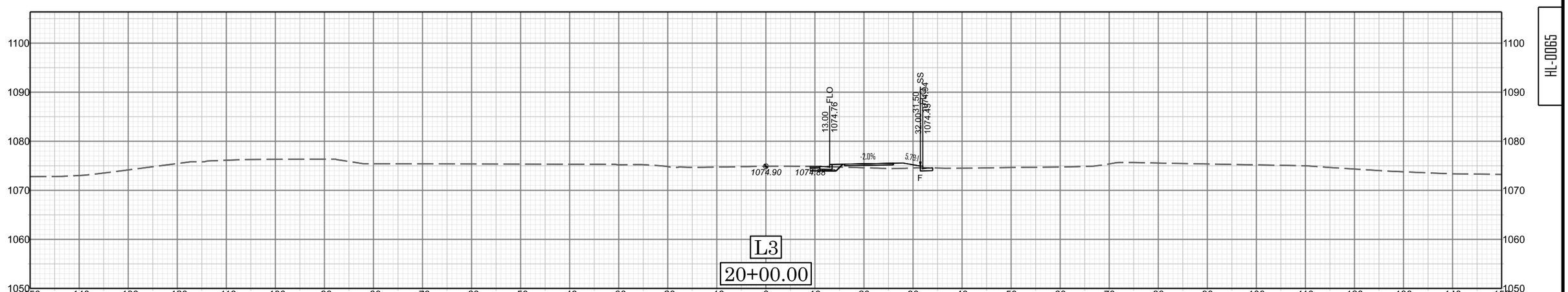

1100
1090
1080
1070
1060
1050
1074.14
L3
19+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
20
10
0


1100
1090
1080
1070
1060
1050
13.66
1073.20
FLO
31.85
1072.94
FLO
-1.9%
4.7
5.8
1073.45
1075.37
L3
19+00.00
-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
041
X


1100
1090
1080
1070
1060
1050
1040
13.00
1072.27
FLO
32.24
1072.27
FLO
-2.0%
+10.7%
1072.65
1072.51
L3
18+50.00
-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
HL-0065


13.00
1076.31 FLO
-2.0%
4/1
C
1076.46
1076.43
36.93
SS 1079.33
L3
21+00.00

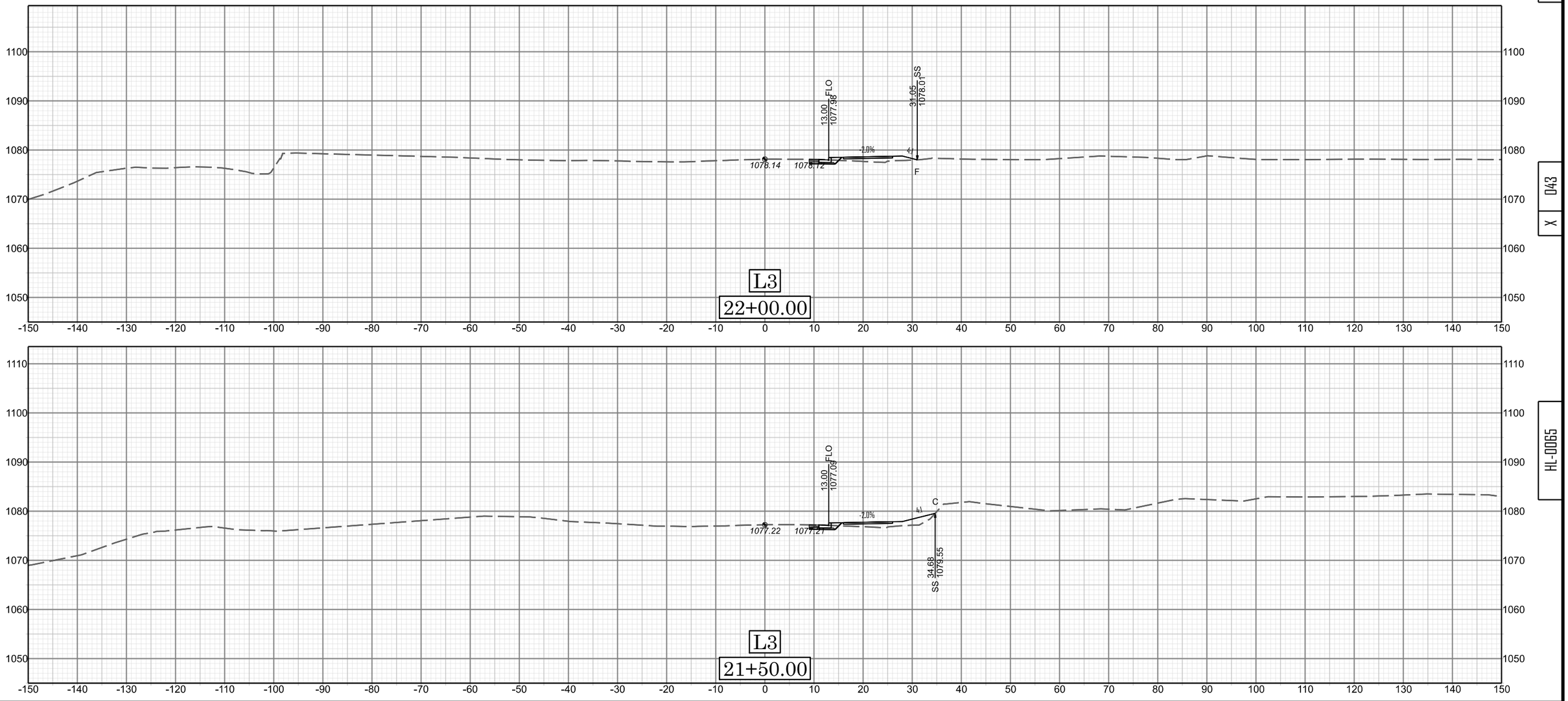

13.00
1075.51 FLO
32.00
31.50 SS
1075.14
-2.0%
9.8(1)
1075.69
1075.64
F
L3
20+50.00

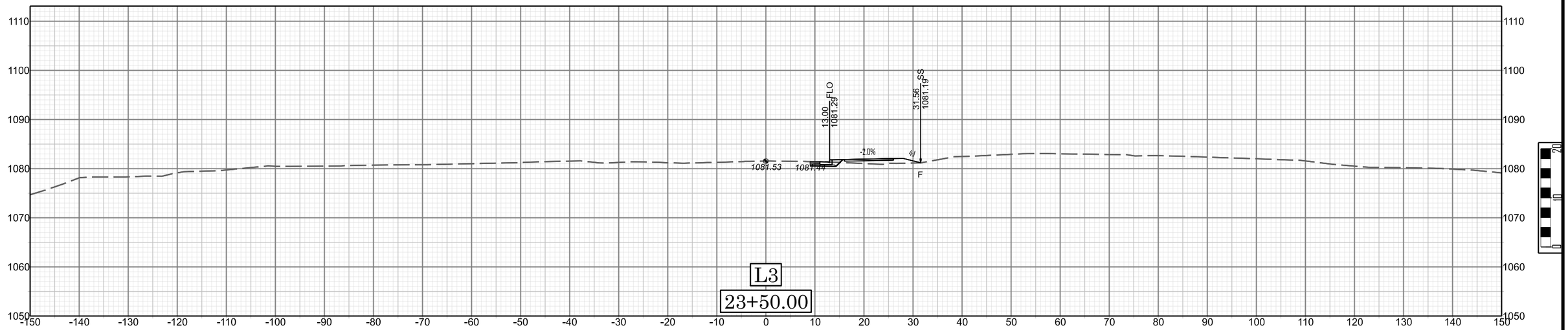

13.00
1074.76 FLO
32.00
31.50 SS
1074.39
-2.0%
5.7(1)
1074.90
1074.88
F
L3
20+00.00

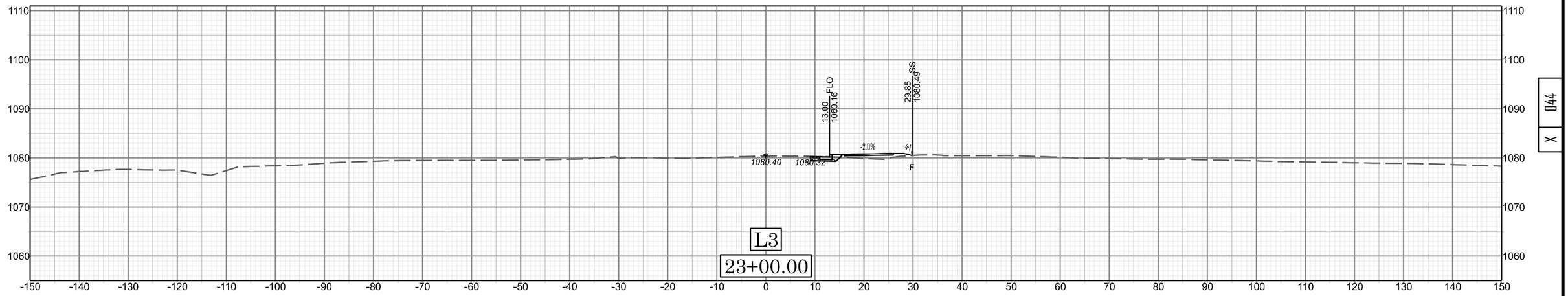
0
10
20

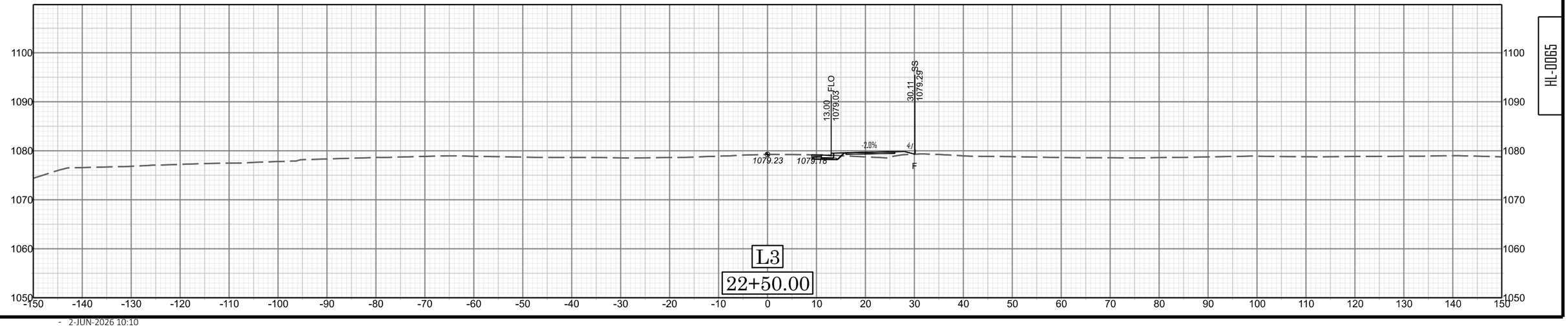
X 042

HL-0065


1100
1090
1080
1070
1060
1050
-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
13.00 FLO
1077.98
31.05 SS
1078.01
2.0%
4:1
1078.14
1078.12
F
L3
22+00.00
1110
1100
1090
1080
1070
1060
1050
13.00 FLO
1077.09
2.0%
4:1
C
1077.22
1077.21
34.68 SS
1079.55
L3
21+50.00
0
10
20
X
043
HL-0065

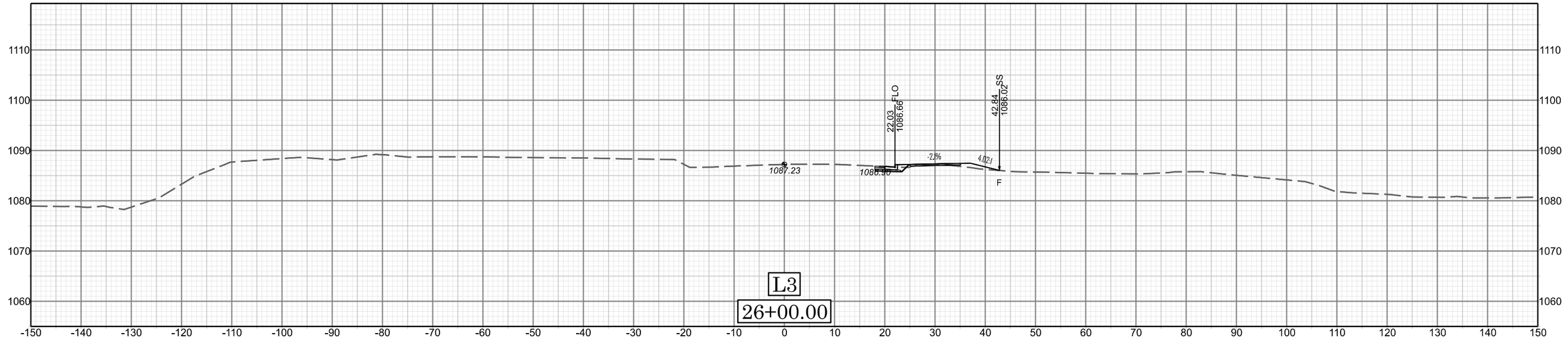

13.00 FLO 1081.29
31.56 SS 1081.19
2.0%
4:1
1081.53
1081.44
F
L3
23+50.00

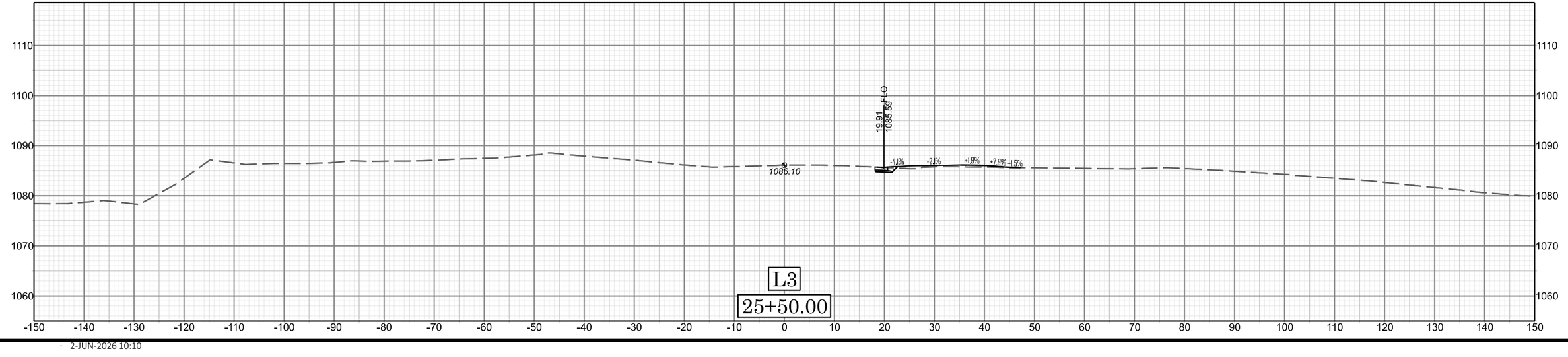

13.00 FLO 1080.16
29.85 SS 1080.49
2.0%
4:1
1080.40
1080.32
F
L3
23+00.00


13.00 FLO 1079.03
30.11 SS 1079.29
2.0%
4:1
1079.23
1079.18
F
L3
22+50.00

1110
1100
1090
1080
1070
1060
-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
18.03
FLO
1084.52
1084.94
-4.1%
-2.1%
+0.4%
L3
25+00.00
16.41
FLO
1083.40
33.22
SS
1083.76
1083.80
1083.03
-2.1%
+4.0%
F
L3
24+50.00
14.53
FLO
1082.43
34.00
FLO
1082.38
1082.72
1082.00
-2.1%
+11.8%
L3
24+00.00
0
10
20
X
045
HL-0065

11/14/23





20
10
0

X 046

HL-0065

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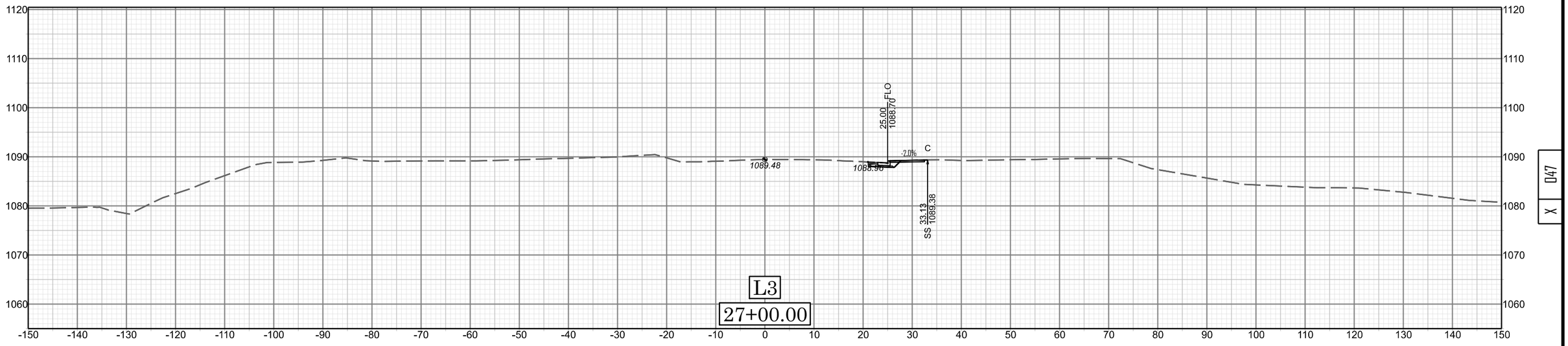

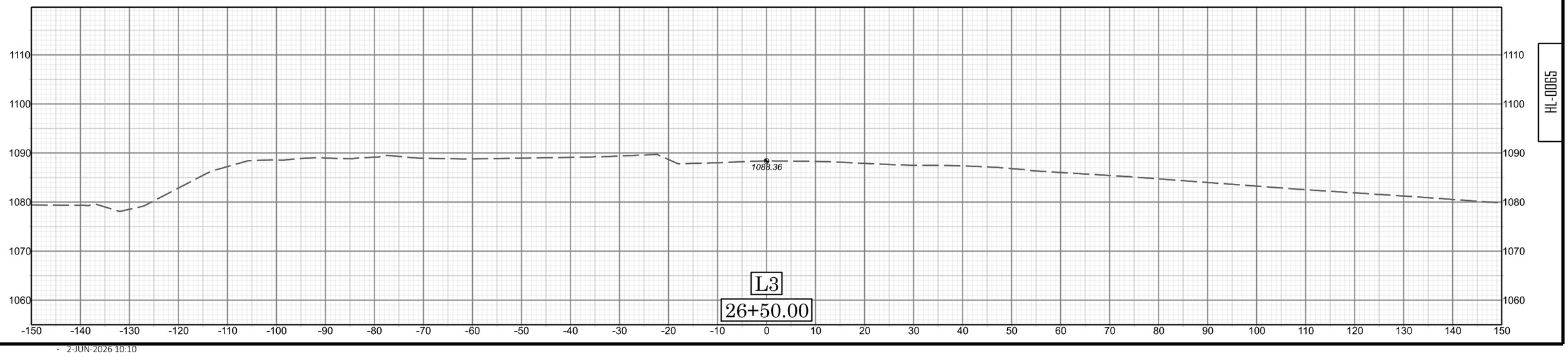

0 10 20

X 047

HL-0065

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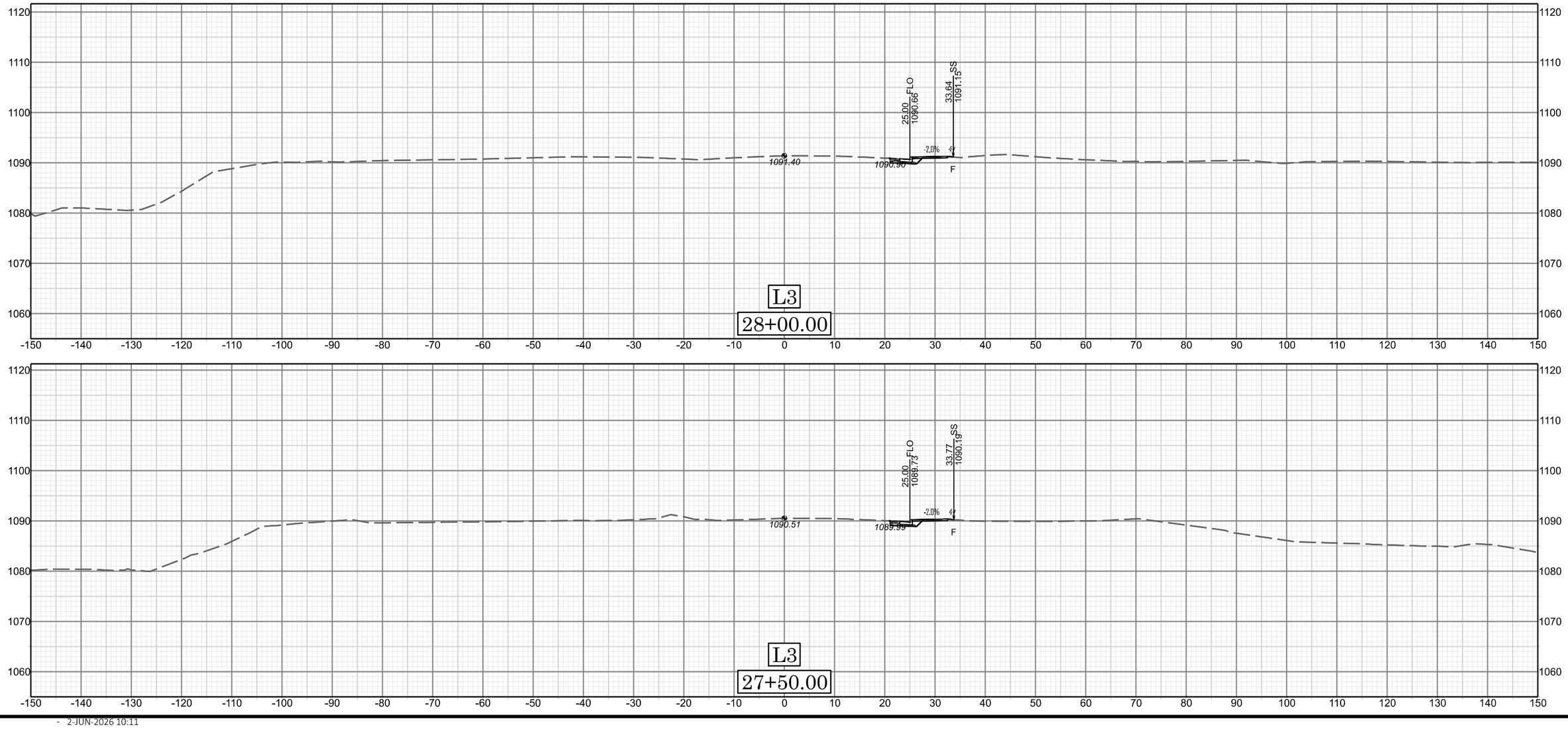
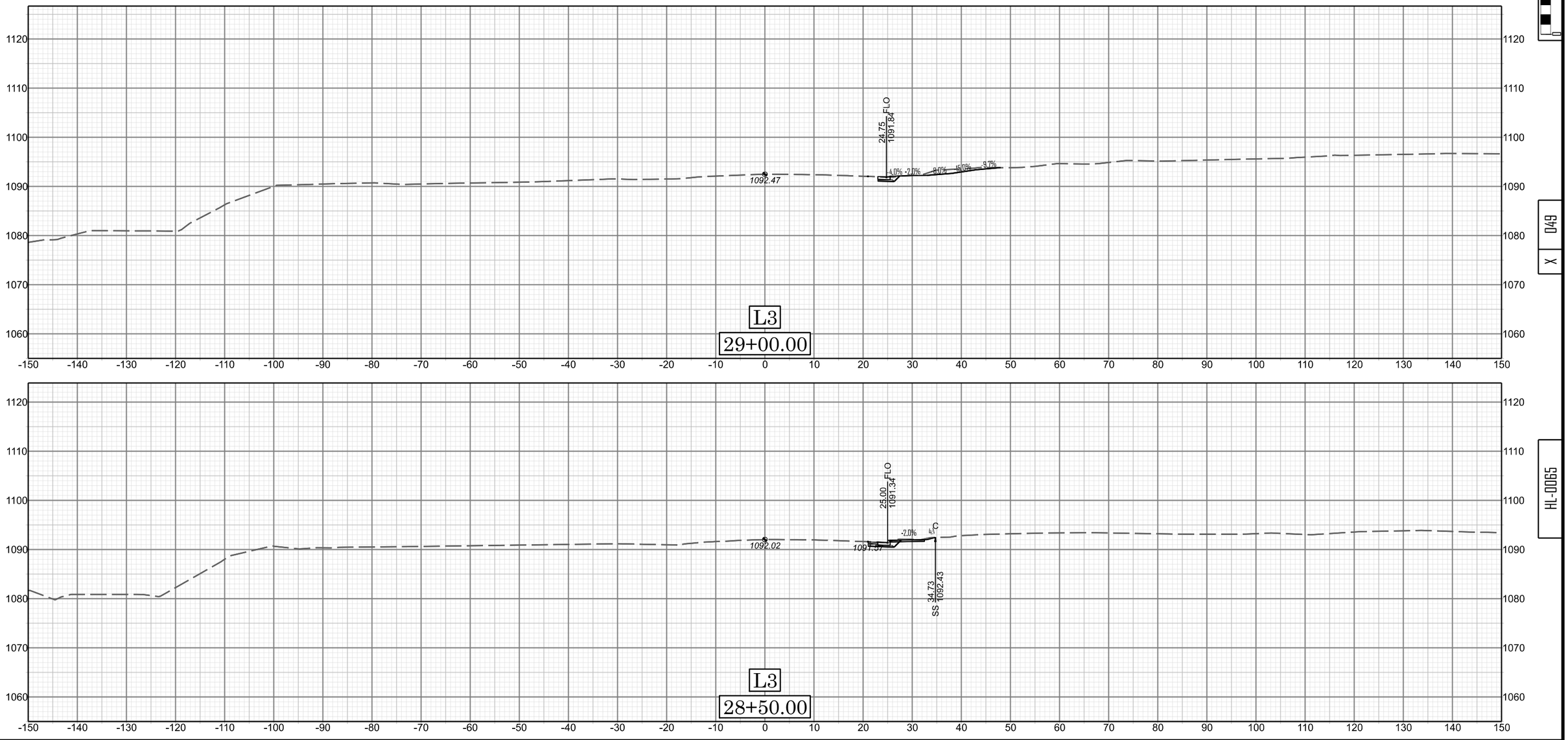
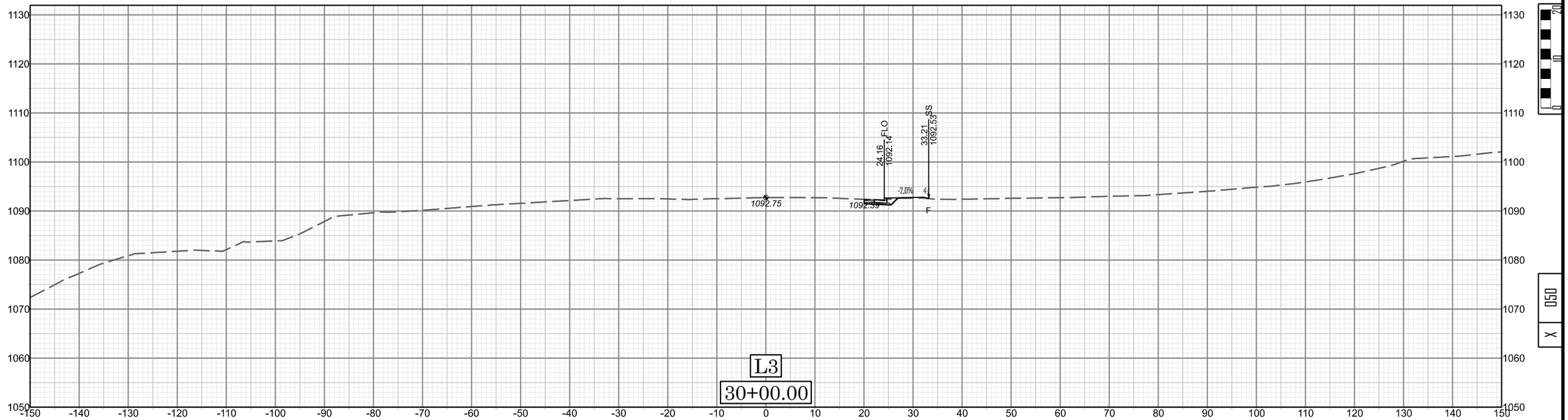
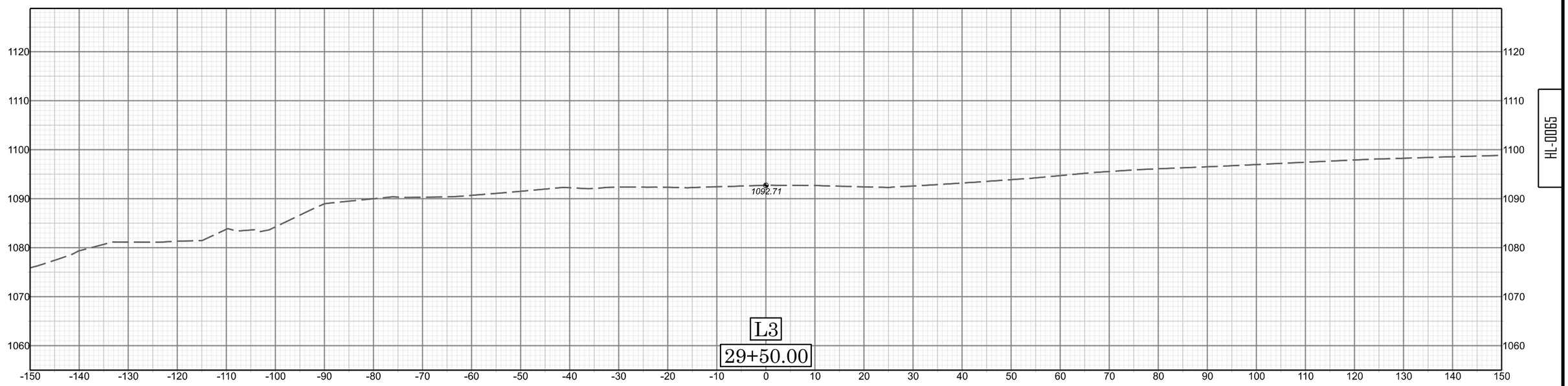

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
1091.40
1090.95
25.00
FLO
1090.66
33.64
SS
1091.15
-2.0%
4f
F
L3
28+00.00
1090.51
1089.95
25.00
FLO
1089.73
33.77
SS
1090.19
-2.0%
4f
F
L3
27+50.00

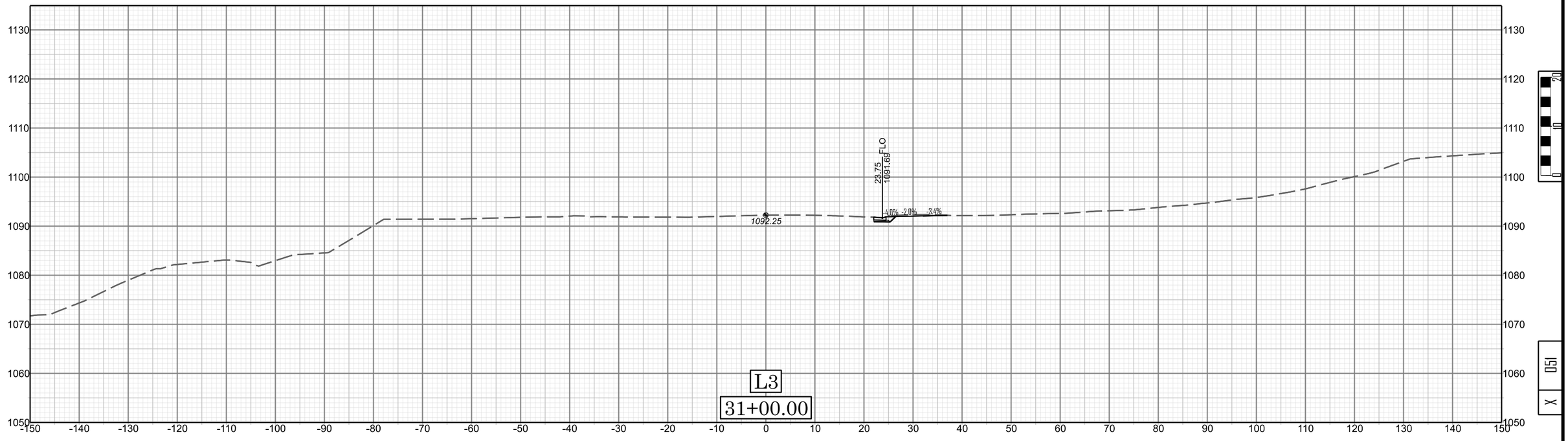

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
24.75
1091.84
FLO
1092.47
4.0%
-7.0%
8.0%
15.0%
5.7%
L3
29+00.00
25.00
1091.34
FLO
1092.02
1091.87
-2.0%
4.0%
C
SS 34.73
1092.43
L3
28+50.00
0
10
20
X 049
HL-0065

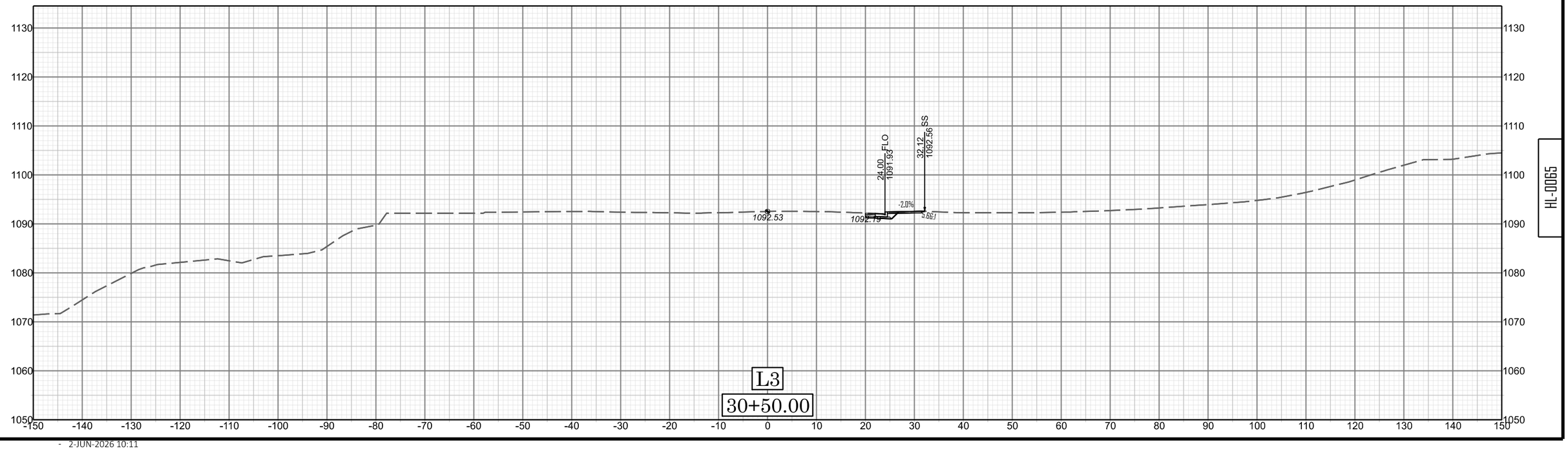

1130
1120
1110
1100
1090
1080
1070
1060
1050
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
24.16
1092.14
FLO
33.21
1092.53
SS
-2.0%
4:1
1092.75
1092.39
L3
30+00.00


1120
1110
1100
1090
1080
1070
1060
-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
1092.71
L3
29+50.00

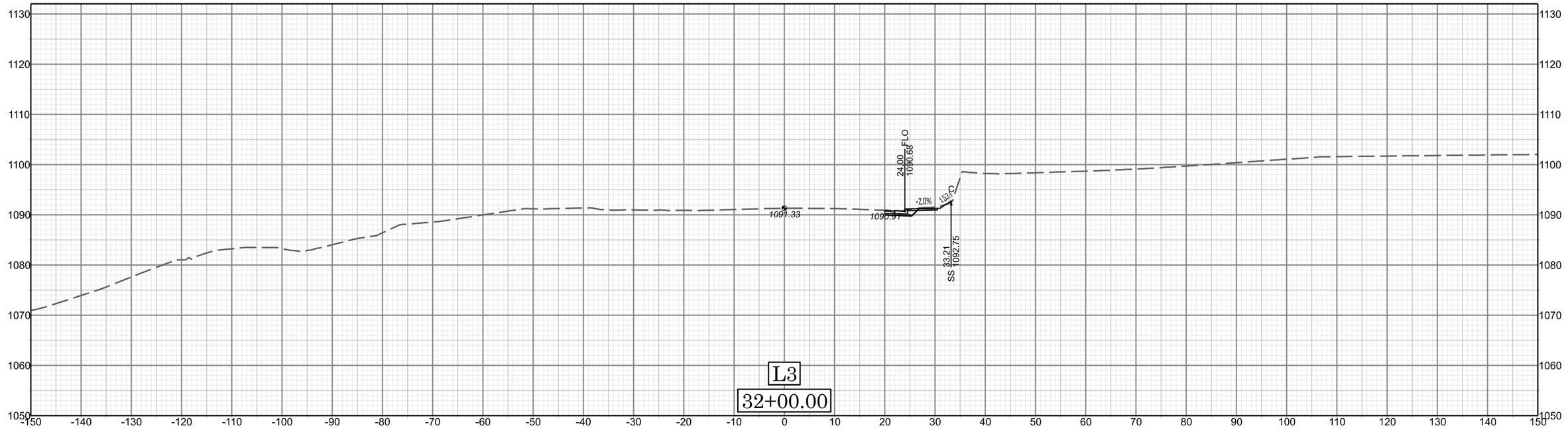
0
10
20
050
X
HL-0065

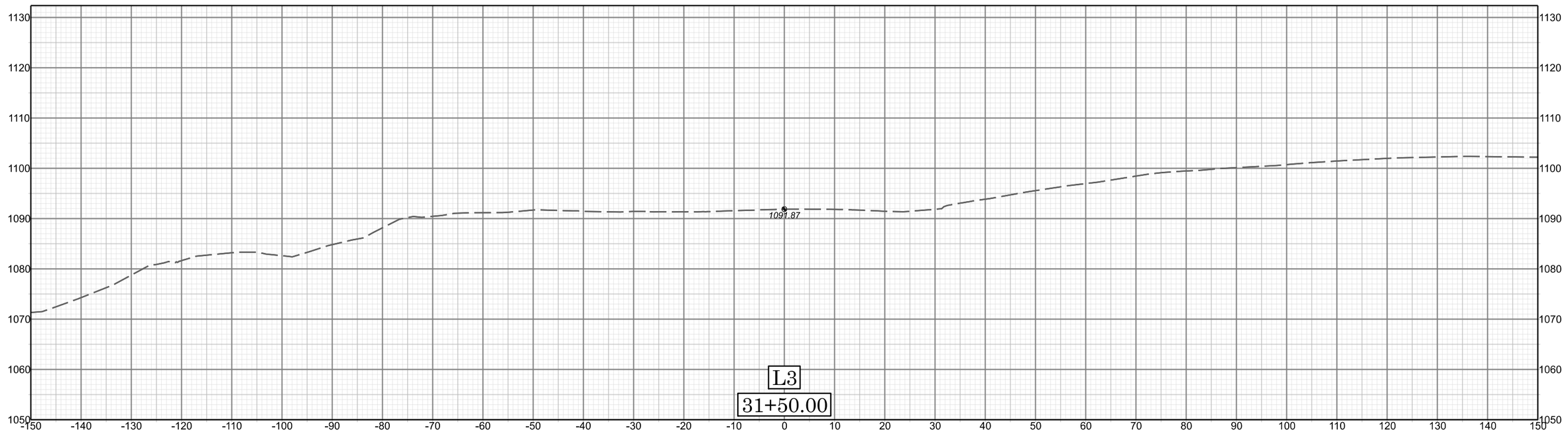
11/14/23


1130
1120
1110
1100
1090
1080
1070
1060
1050
-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
1092.25
23.75
FLO
1091.69
-4.0%
-2.0%
-3.4%
L3
31+00.00


1130
1120
1110
1100
1090
1080
1070
1060
1050
-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
1092.53
1092.19
24.00
FLO
1091.93
32.12
SS
1092.56
-2.0%
L3
30+50.00

0
10
20
X
150
HL-0065

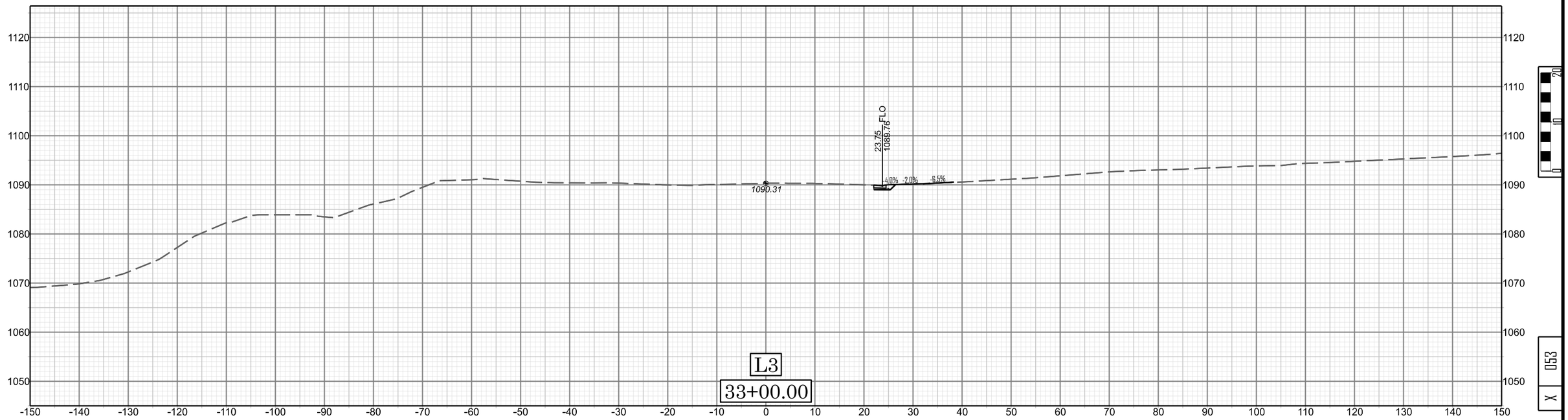


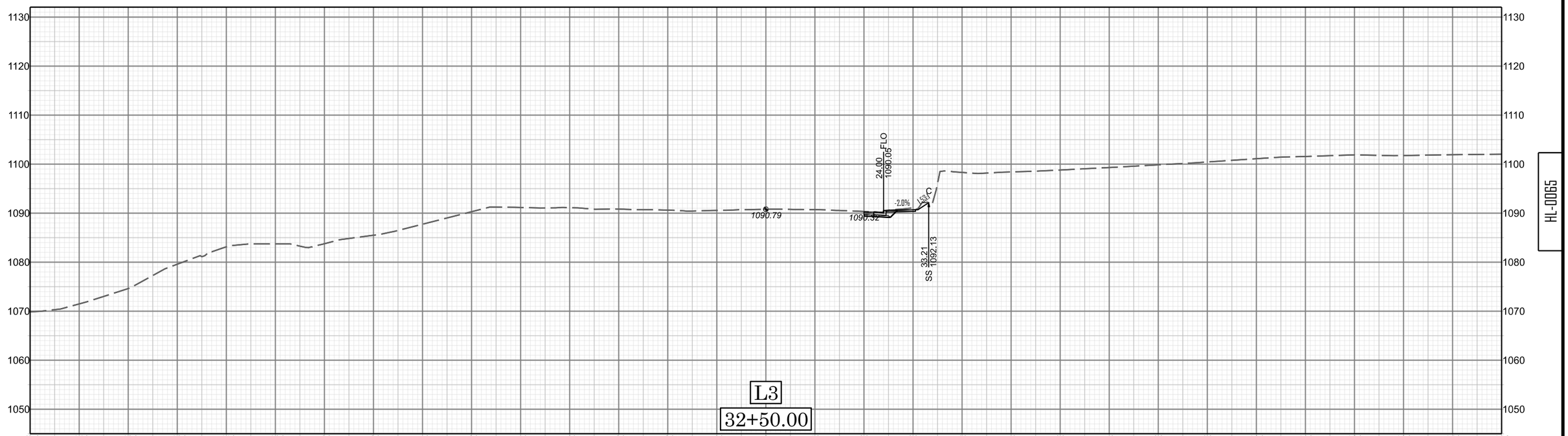


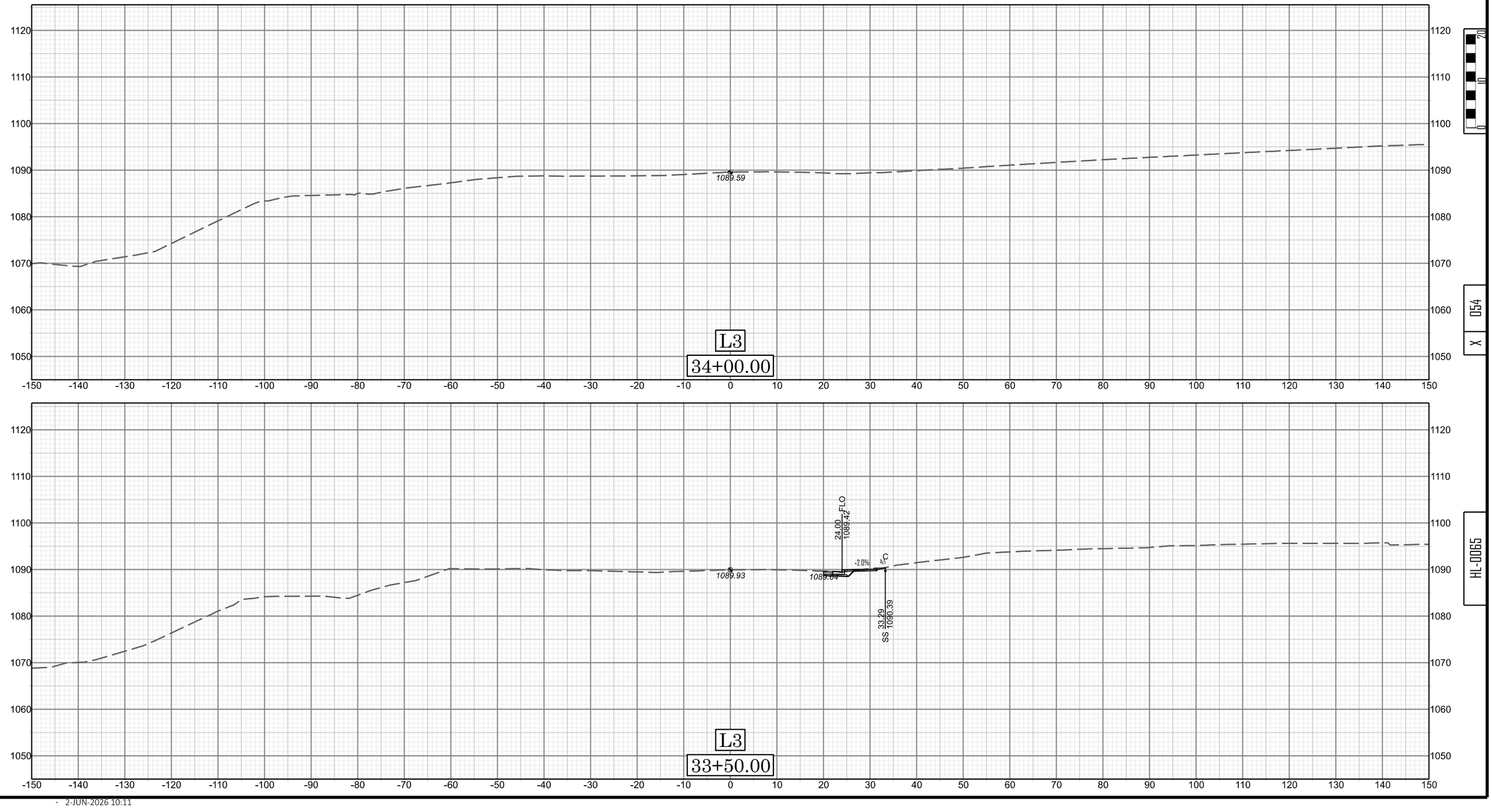
20
10
0

X 052

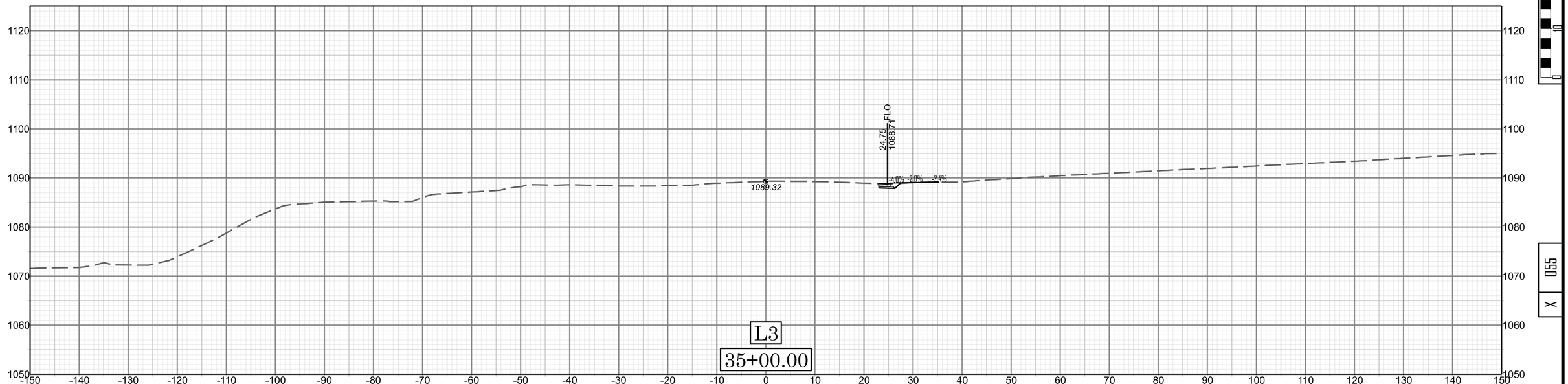
HL-0065

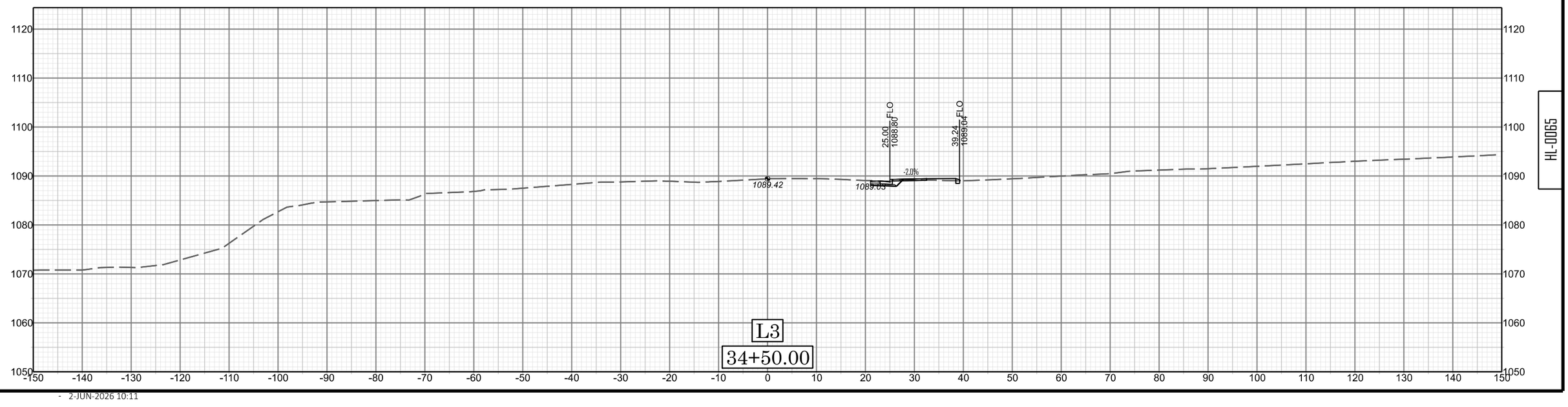

1090.31
23.75
1089.76
FLO
4.0%
-2.0%
-5.5%
L3
33+00.00


1090.79
1090.32
24.00
1090.05
FLO
-2.0%
-5.5%
SS
33.21
1092.13
L3
32+50.00


1089.59
L3
34+00.00
1089.93
1089.64
24.00 FLO
1089.42
-2.0%
4.0
C
33.29
SS 1090.39
L3
33+50.00
X 054
HL-0065

11/14/23





20
10
0

X 055

HL-0065

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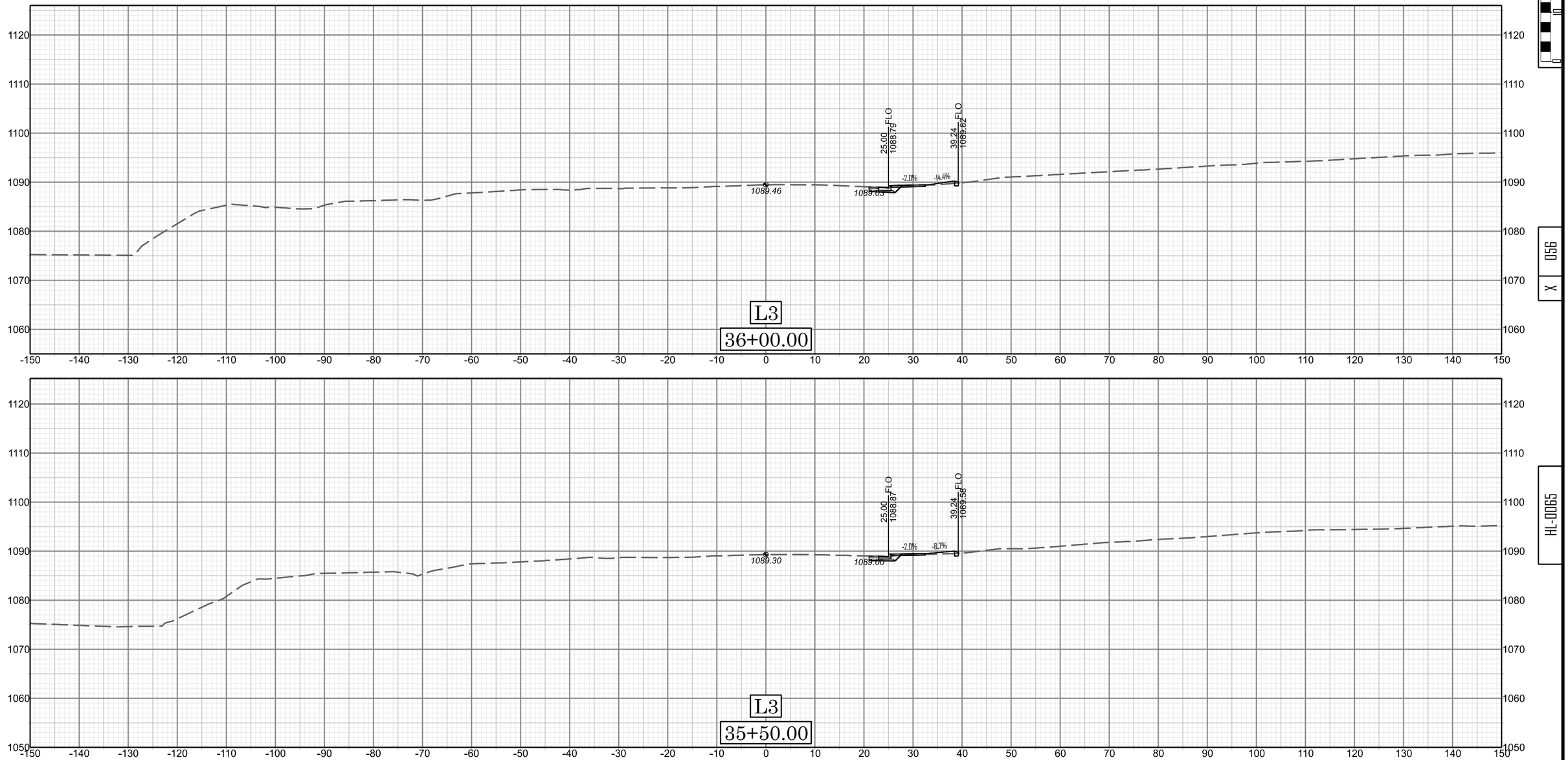
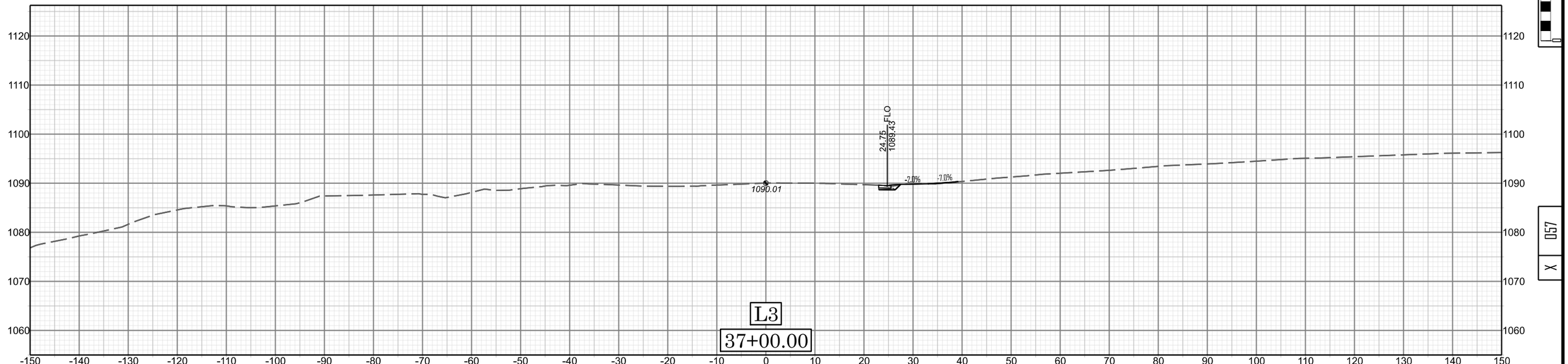
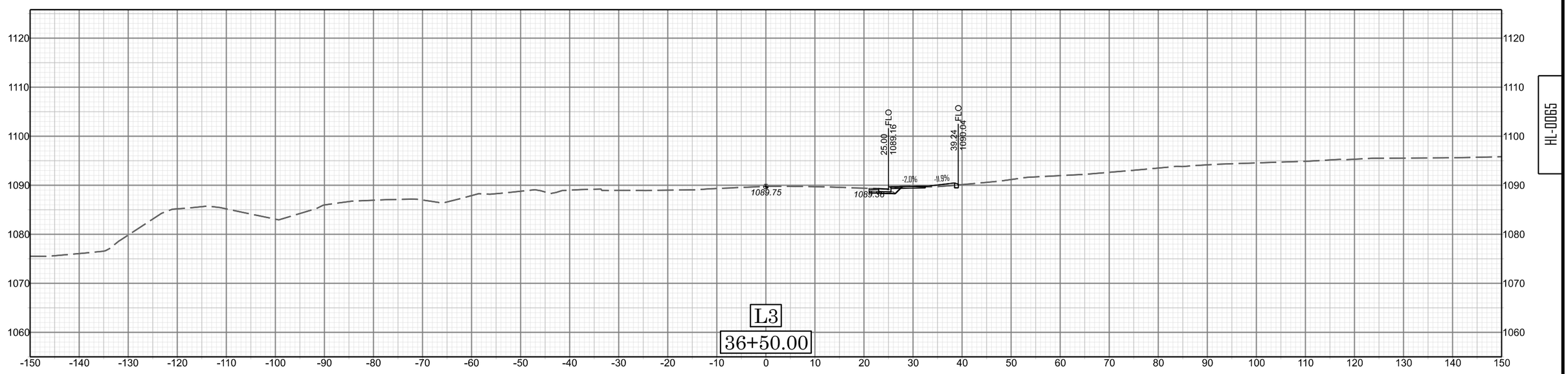
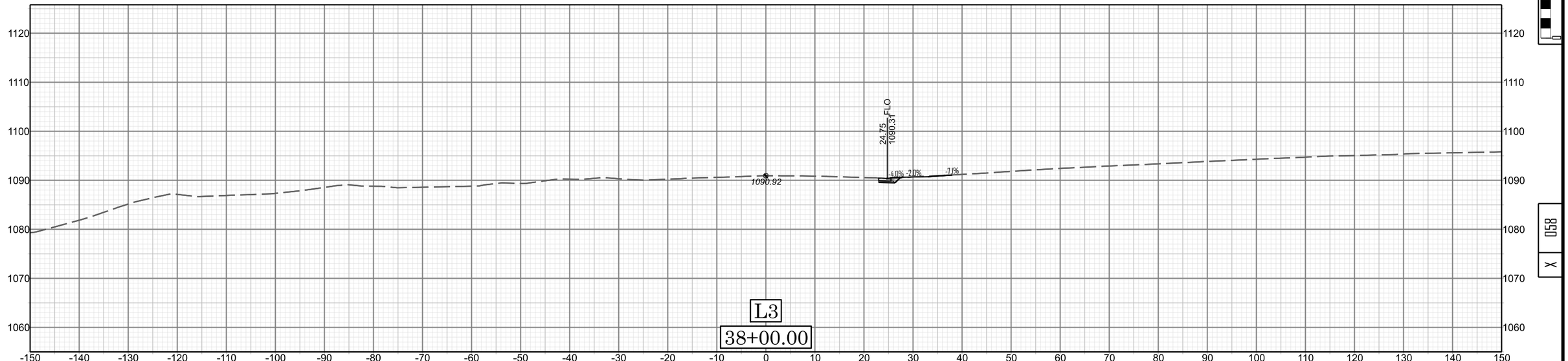

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
25.00
1088.79
FLO
39.24
1089.82
FLO
-2.0%
-14.4%
1089.46
1089.03
L3
36+00.00
1120
1110
1100
1090
1080
1070
1060
1050
-150 -140 -130 -120 -110 -100 -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
25.00
1088.87
FLO
39.24
1089.58
FLO
-2.0%
-8.7%
1089.30
1089.00
L3
35+50.00

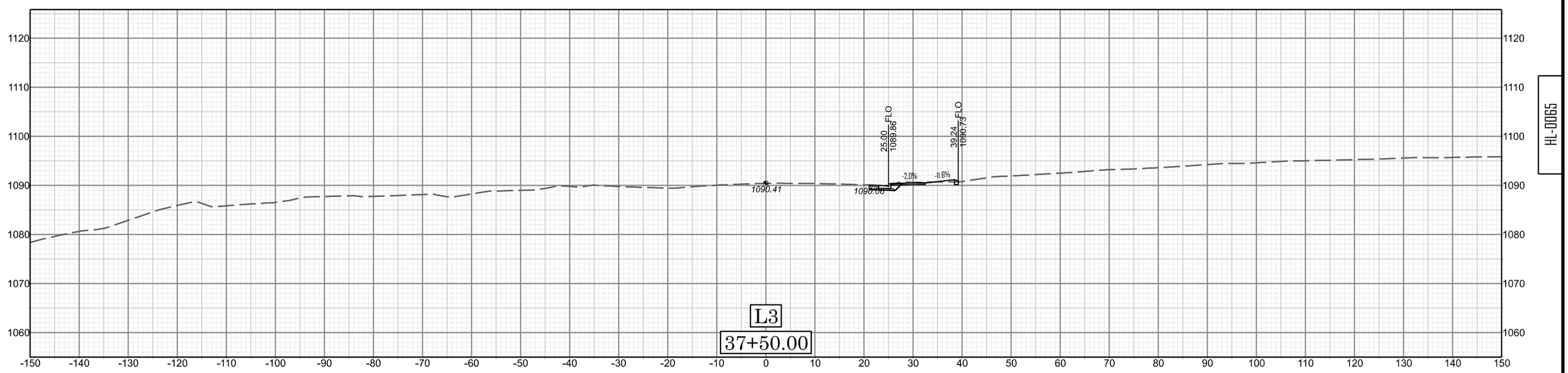
11/14/23


1120
1110
1100
1090
1080
1070
1060
-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
1090.01
24.75
1089.43
FLO
-2.0%
-7.0%
L3
37+00.00


1120
1110
1100
1090
1080
1070
1060
-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
1089.75
1089.36
25.00
1089.16
FLO
39.24
1090.04
FLO
-2.0%
-1.9%
L3
36+50.00

20
10
0
X
057
HL-0065



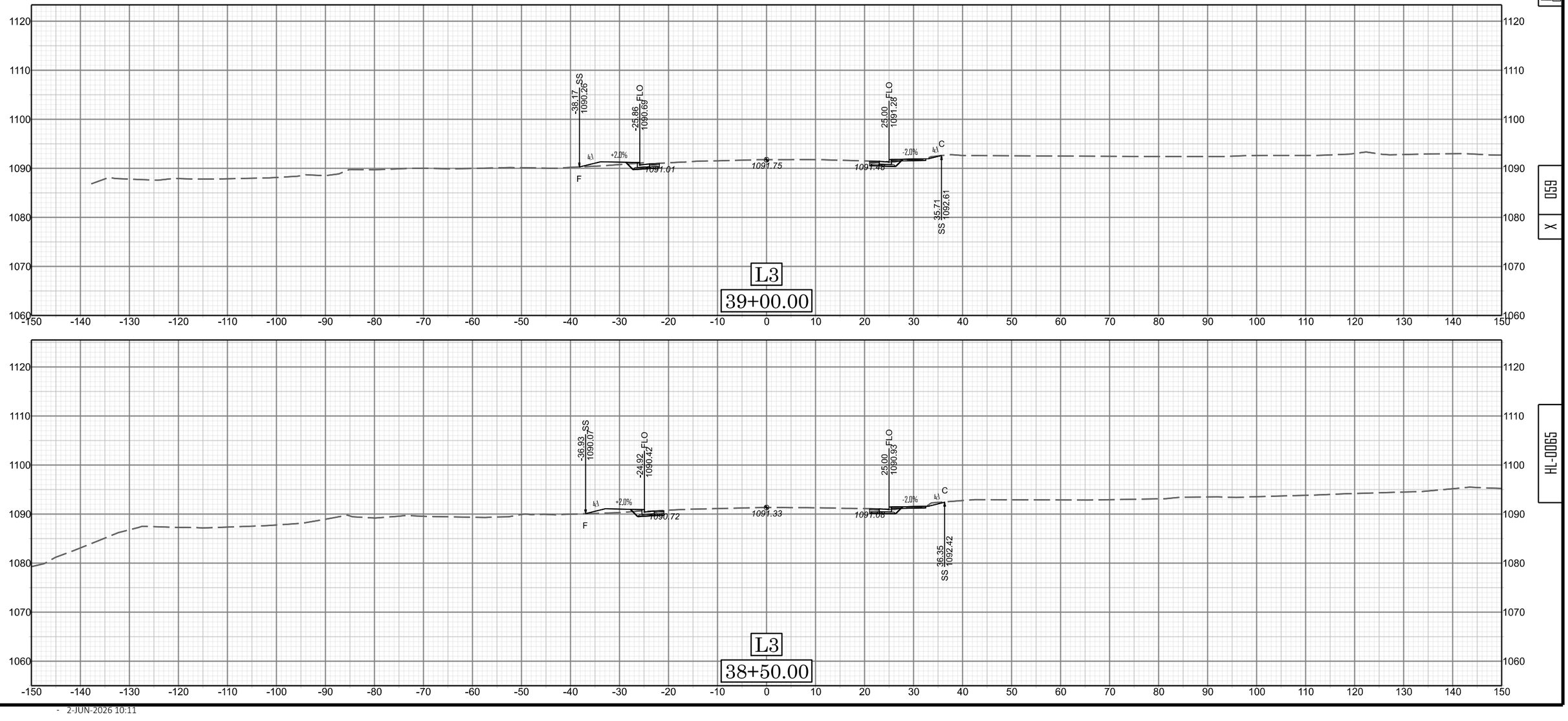


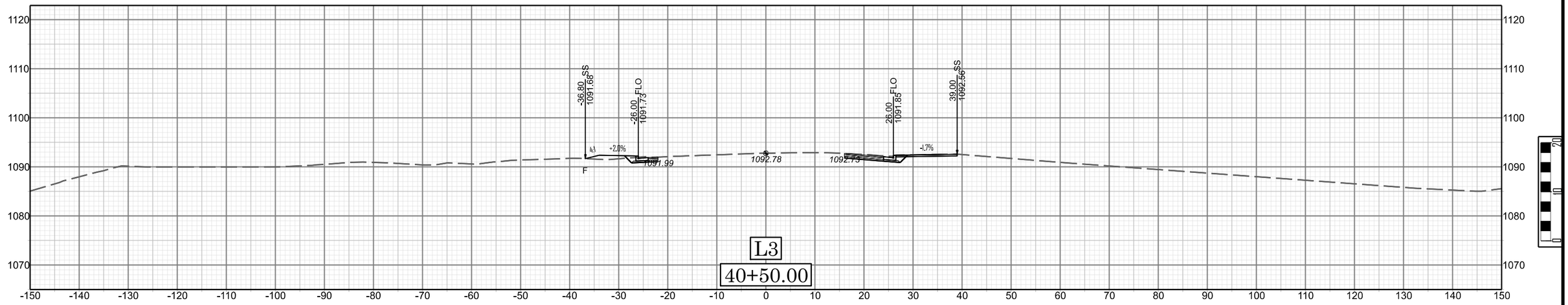
20
10
0

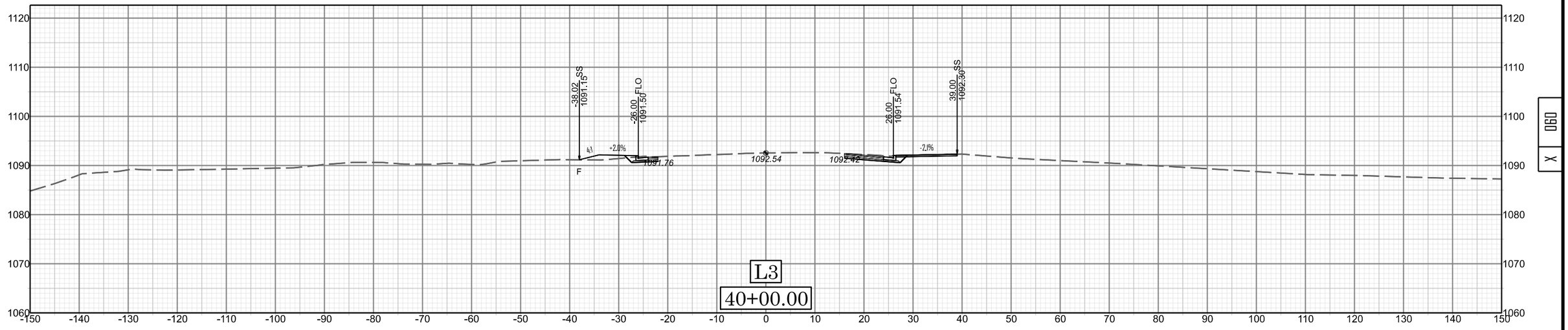
X

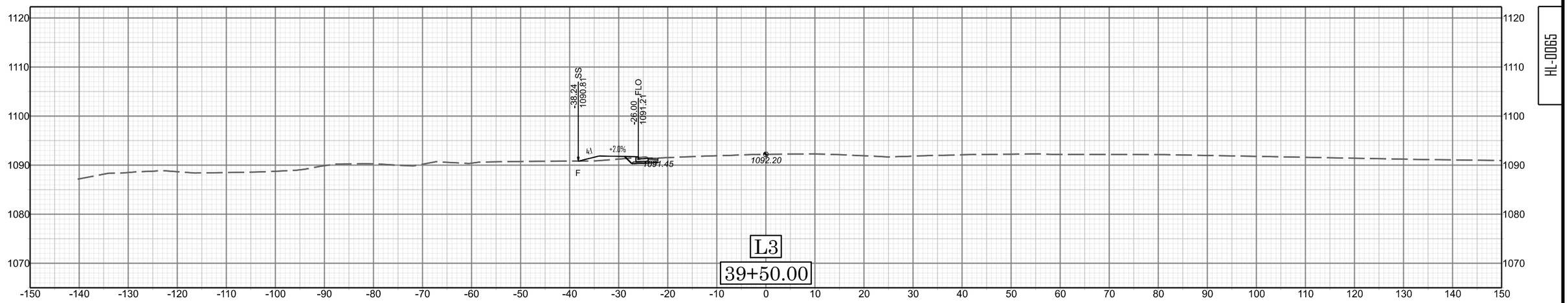
058

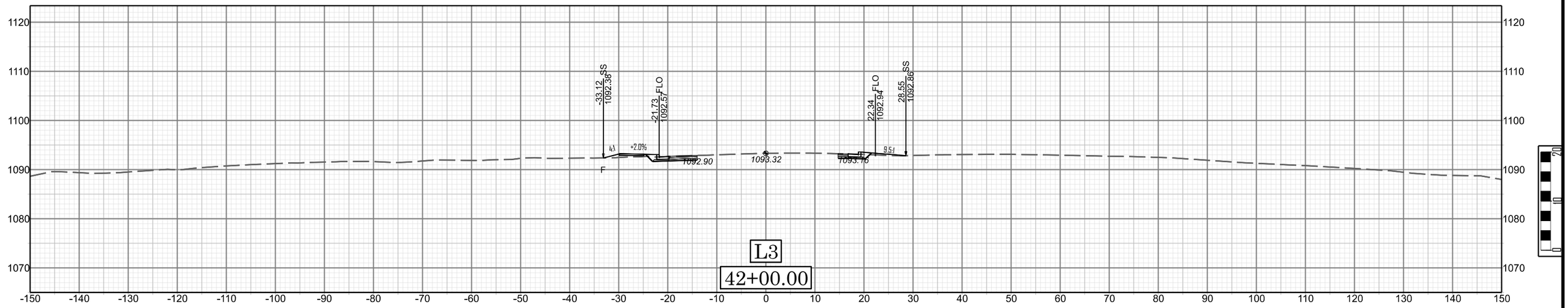
HL-0065

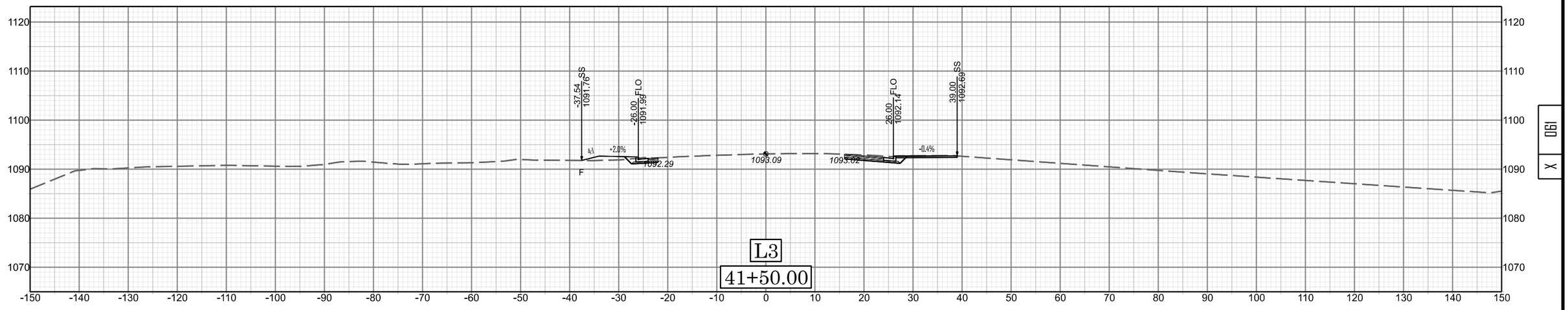

-38.17
1090.26
SS
-25.86
1090.69
FLO
4:1
+2.0%
F
1091.01
1091.75
25.00
1091.28
FLO
-2.0%
4:1
C
35.71
1092.61
SS
L3
39+00.00
-36.93
1090.07
SS
-24.92
1090.42
FLO
1090.72
1091.33
25.00
1090.93
FLO
36.35
1092.42
SS
L3
38+50.00
1120
1110
1100
1090
1080
1070
1060
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150

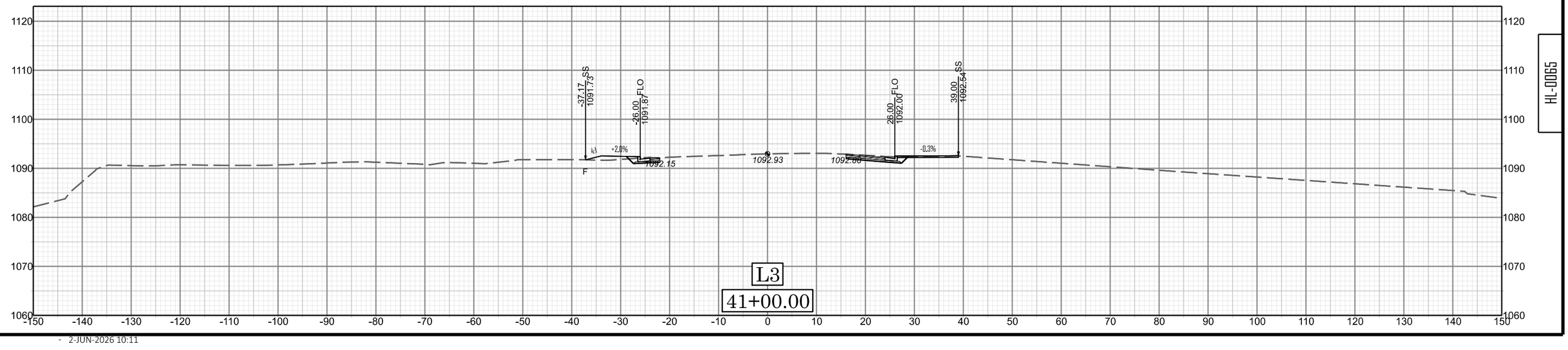

-36.80 SS 1091.68
-26.00 FLO 1091.73
26.00 FLO 1091.85
39.00 SS 1092.56
4:1
+2.0%
-1.7%
F
1091.99
1092.78
1092.75
L3
40+50.00

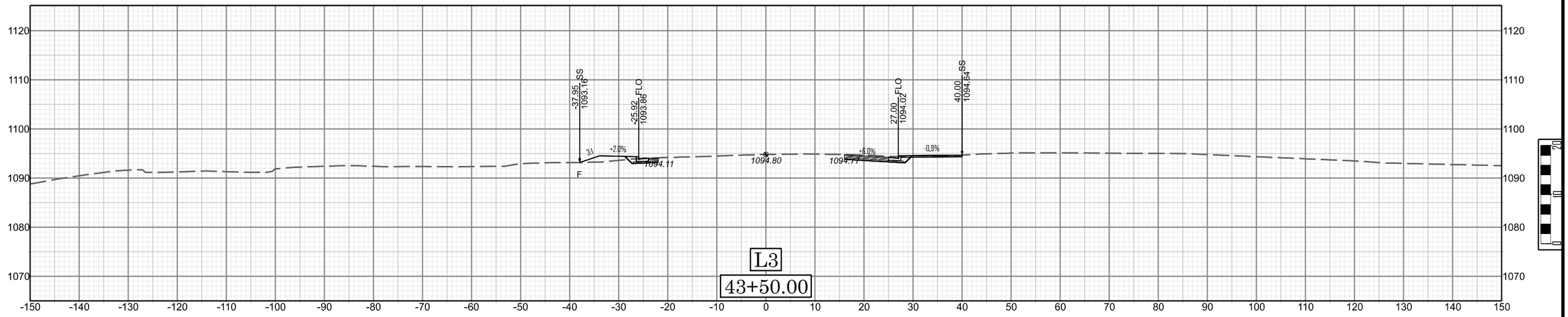

-38.02 SS 1091.15
-26.00 FLO 1091.50
26.00 FLO 1091.54
39.00 SS 1092.30
4:1
+2.0%
-2.1%
F
1091.76
1092.54
1092.42
L3
40+00.00

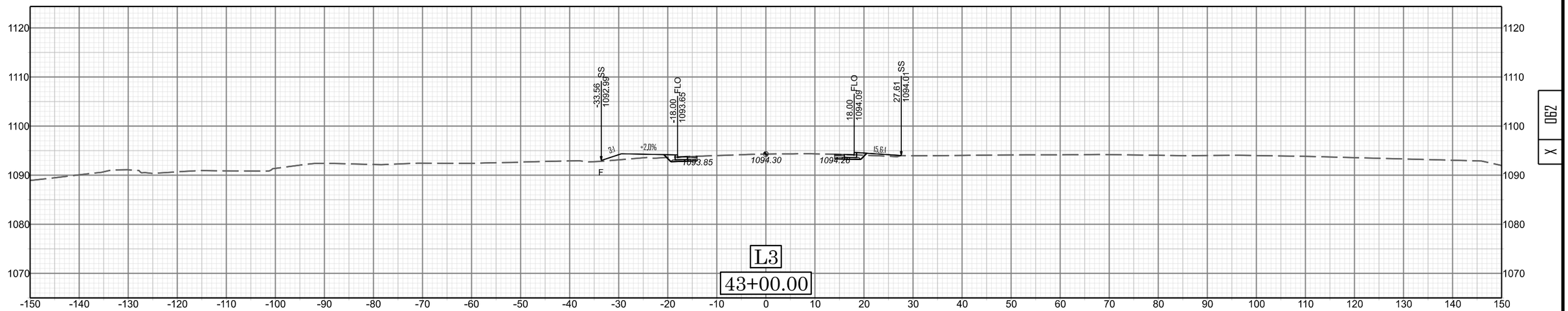

-38.24 SS 1090.81
-26.00 FLO 1091.21
4:1
+2.0%
F
1091.45
1092.20
L3
39+50.00

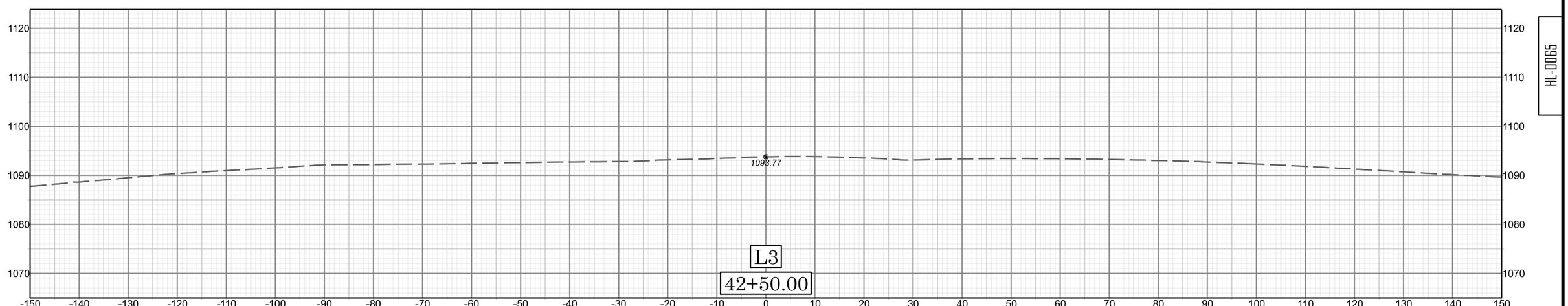

-33.12 SS 1092.38
-21.73 FLO 1092.57
22.34 FLO 1092.94
28.55 SS 1092.86
4:1
+2.0%
9.5:1
1092.90
1093.32
1093.76
F
L3
42+00.00

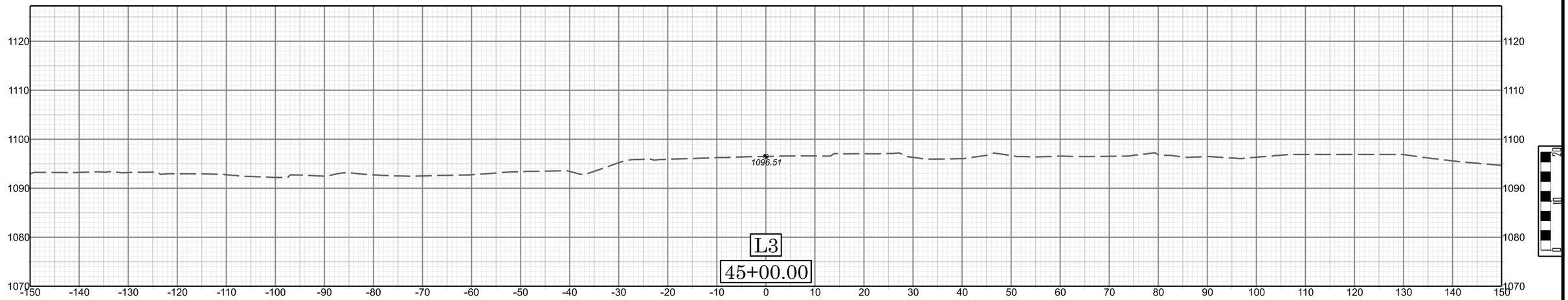

-37.54 SS 1091.76
-26.00 FLO 1091.99
26.00 FLO 1092.14
39.00 SS 1092.69
4:1
+2.0%
-0.4%
1092.29
1093.09
1093.02
F
L3
41+50.00

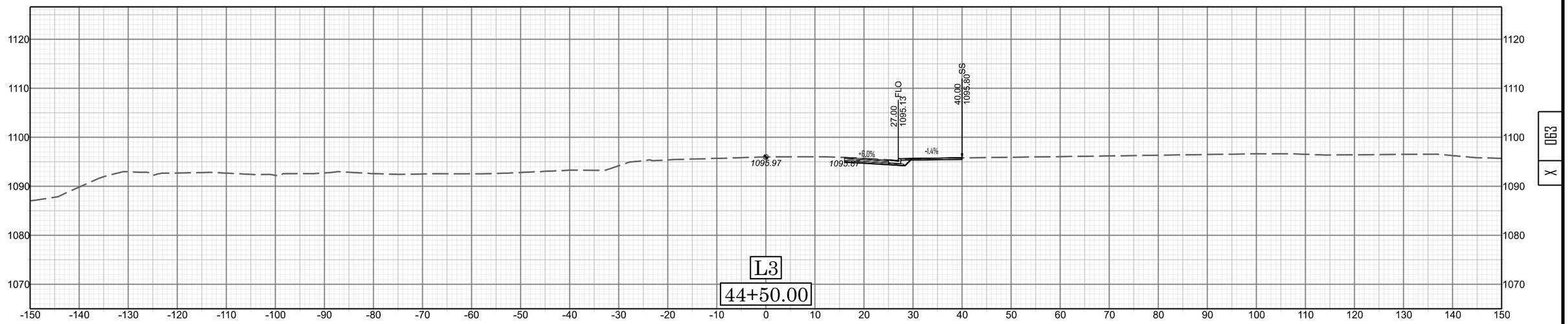

-37.17 SS 1091.73
-26.00 FLO 1091.87
26.00 FLO 1092.00
39.00 SS 1092.54
4:1
+2.0%
-0.3%
1092.15
1092.93
1092.88
F
L3
41+00.00

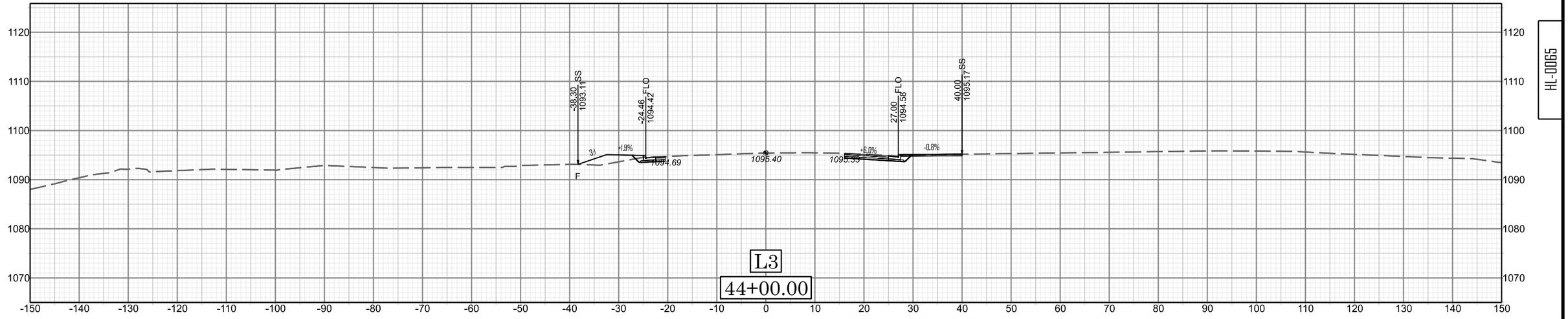

-37.95 SS 1093.16
-25.92 FLO 1093.86
27.00 FLO 1094.02
40.00 SS 1094.64
3:1
+2.0%
+6.0%
-0.9%
1094.11
1094.80
1094.77
F
L3
43+50.00


-33.56 SS 1092.99
-18.00 FLO 1093.65
18.00 FLO 1094.09
27.61 SS 1094.01
3:1
+2.0%
1093.85
1094.30
1094.26
F
L3
43+00.00


1093.77
L3
42+50.00

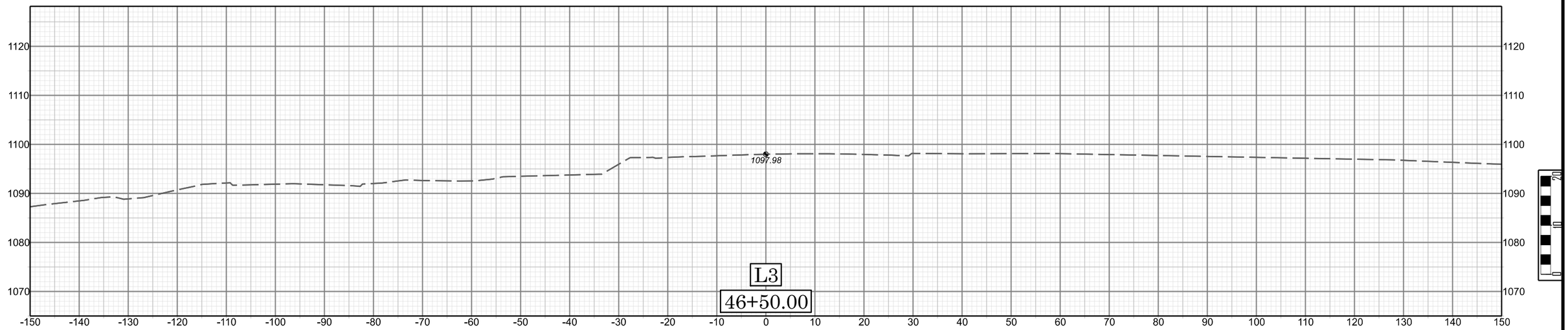

1096.51
L3
45+00.00

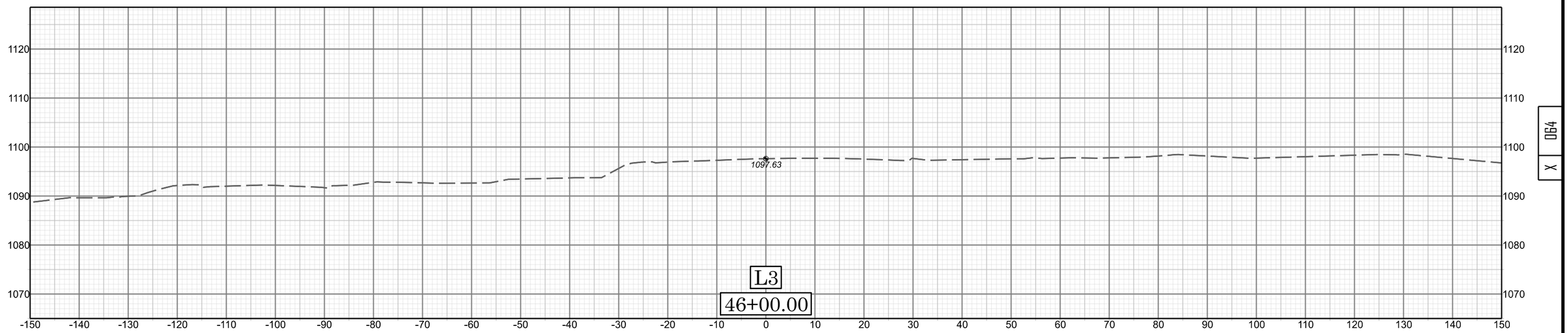

27.00
1095.13
FLO
40.00
1095.80
SS
+6.0%
-1.4%
1096.97
1095.67
L3
44+50.00

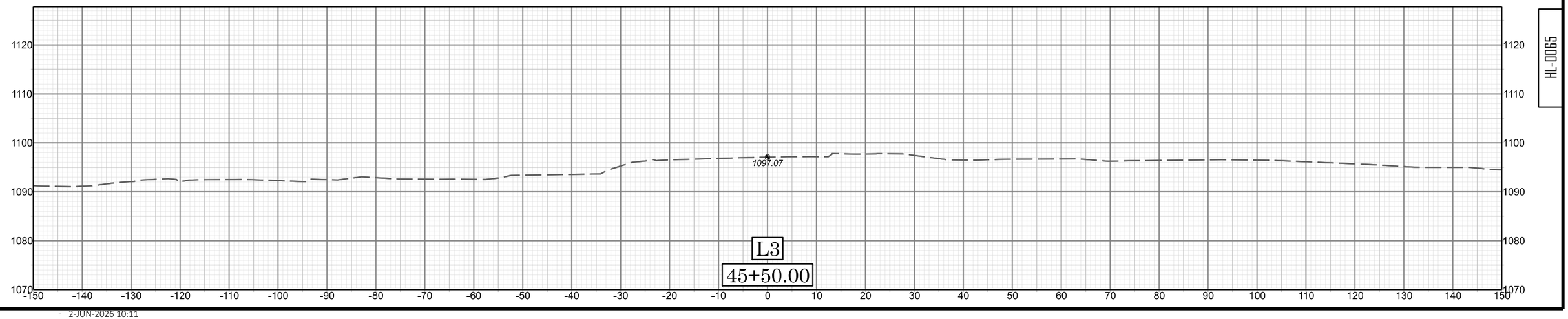

38.30
1093.11
SS
24.46
1094.42
FLO
+1.9%
3.1
F
1094.69
27.00
1094.58
FLO
40.00
1095.17
SS
+6.0%
-0.8%
1096.40
1095.33
L3
44+00.00

X 063

HL-0065

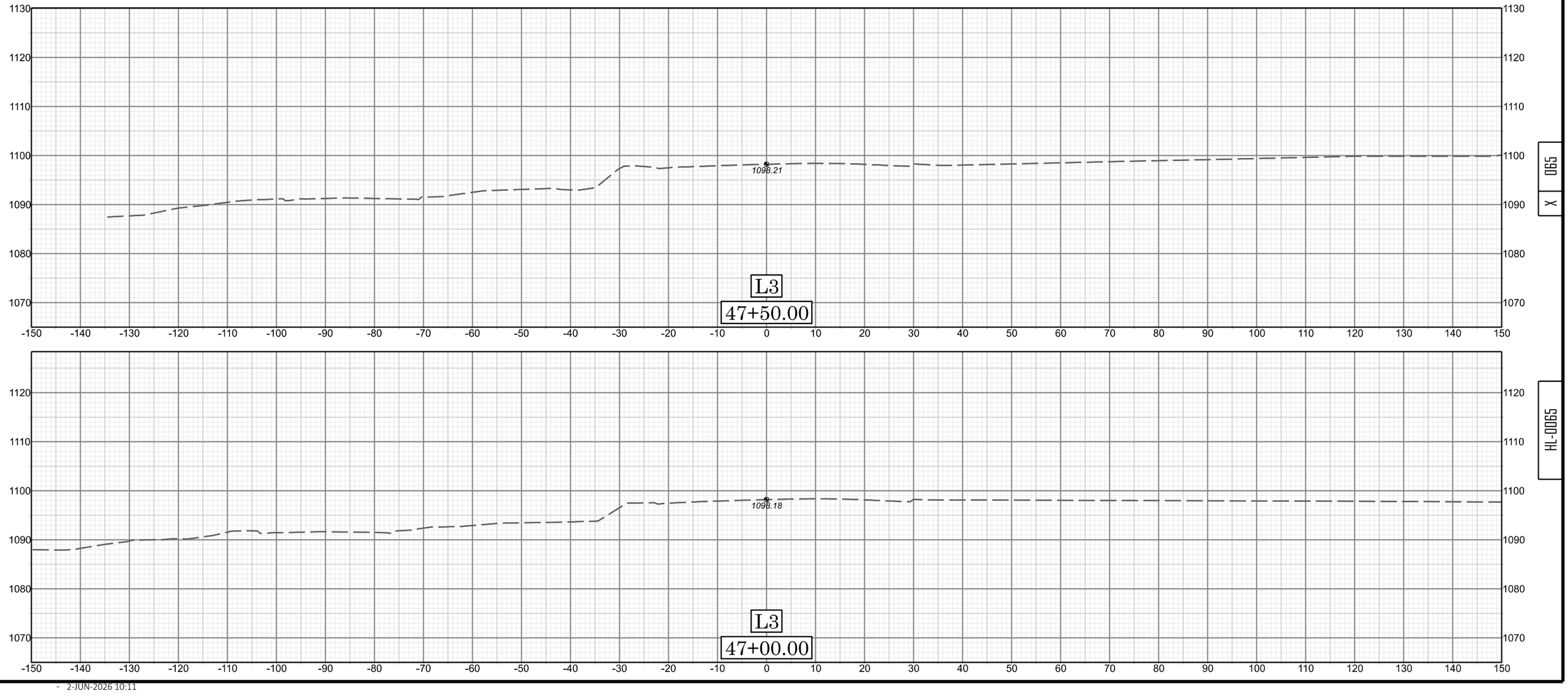

1120
1110
1100
1090
1080
1070
1097.98
L3
46+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
0
10
20

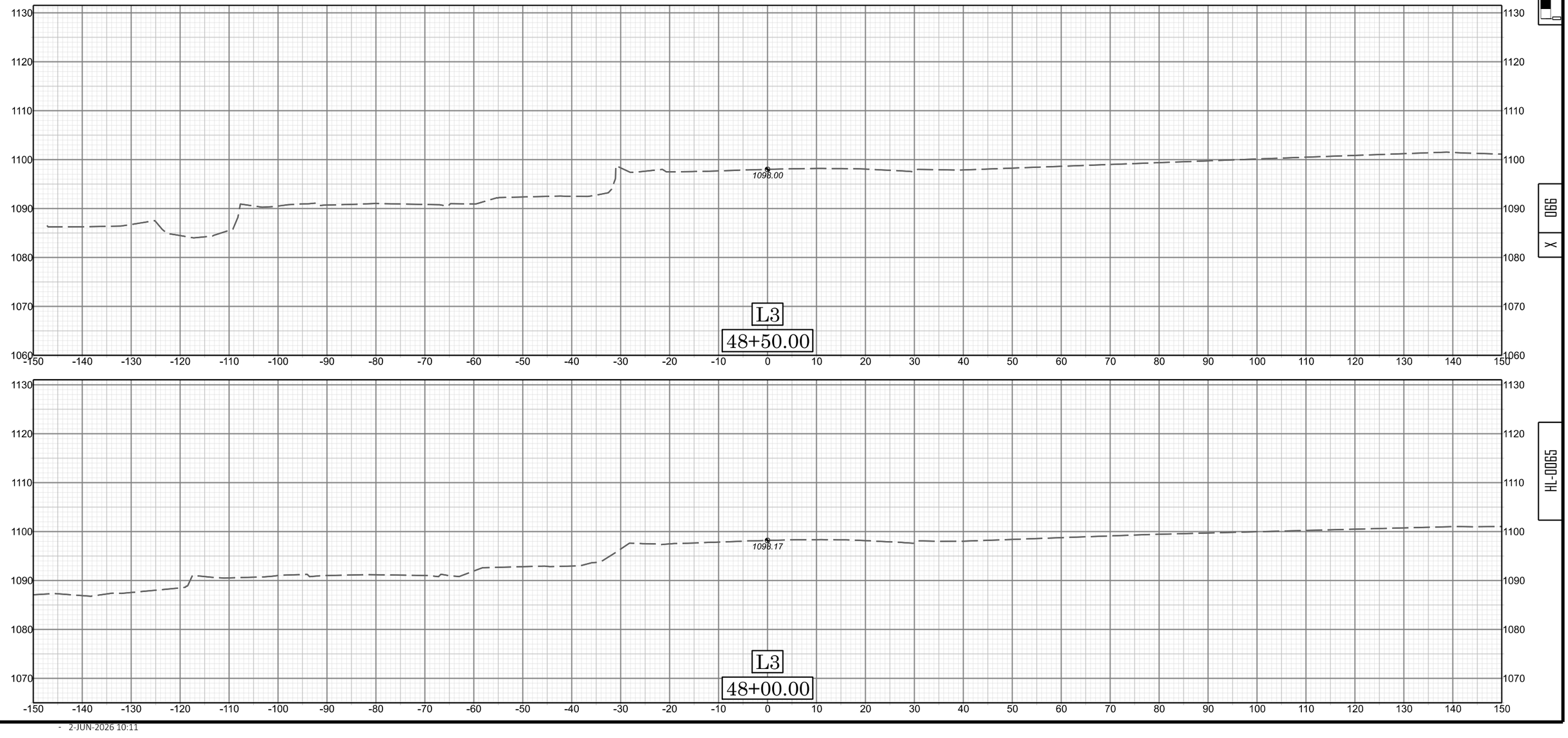

1120
1110
1100
1090
1080
1070
1097.63
L3
46+00.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

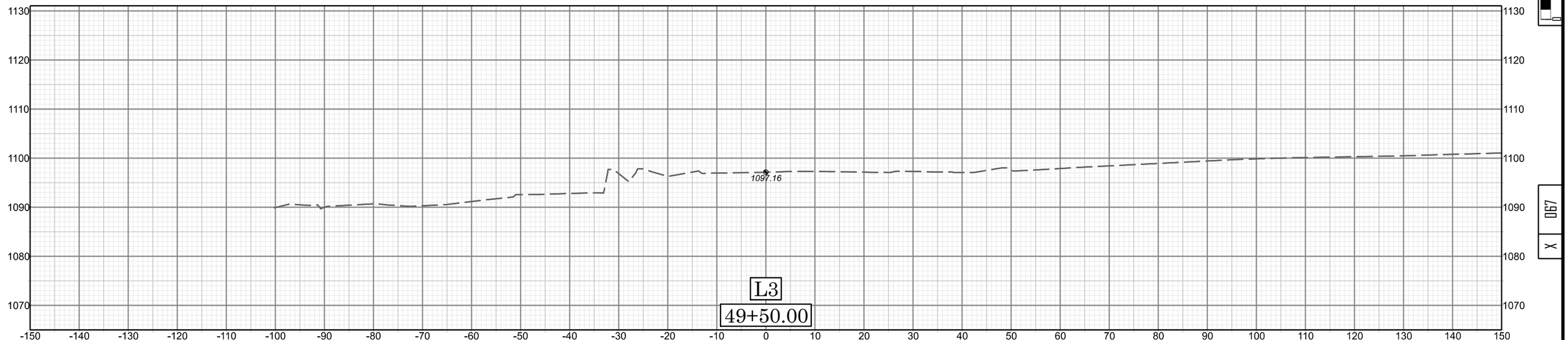

1120
1110
1100
1090
1080
1070
1097.07
L3
45+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

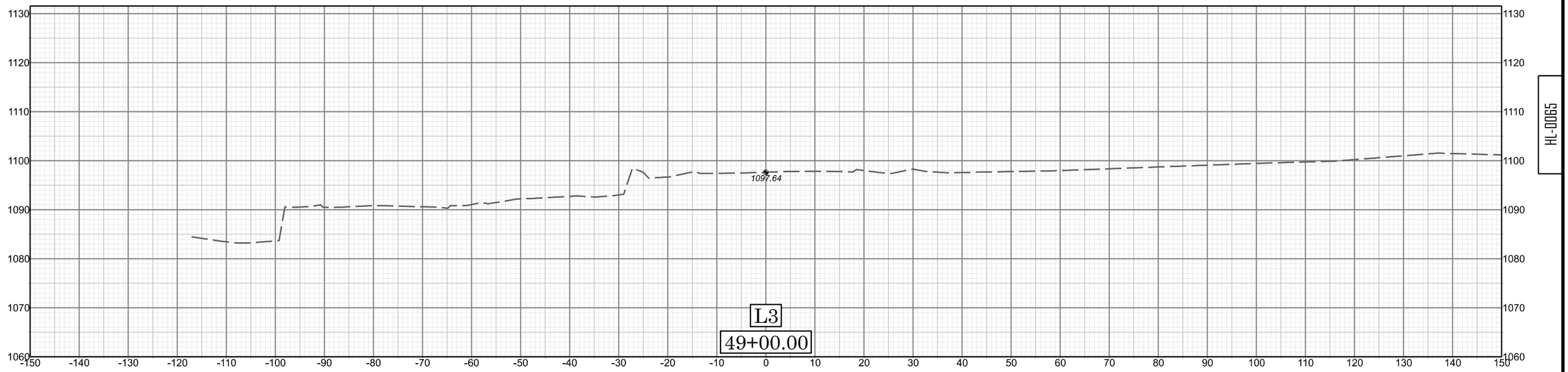
X 064

HL-0065

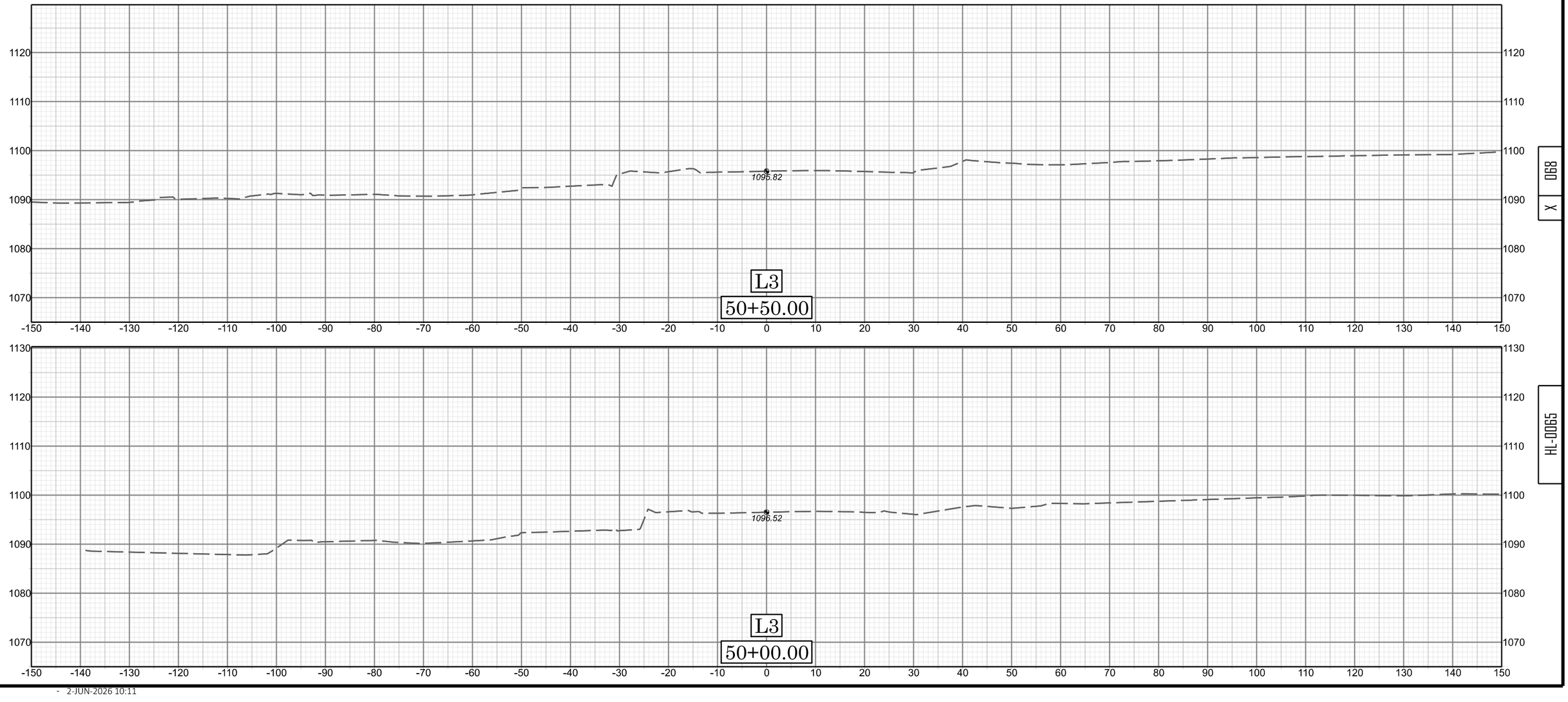

1130
1120
1110
1100
1090
1080
1070
1098.21
L3
47+50.00
1098.18
L3
47+00.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
0
10
20
HL-0065
X

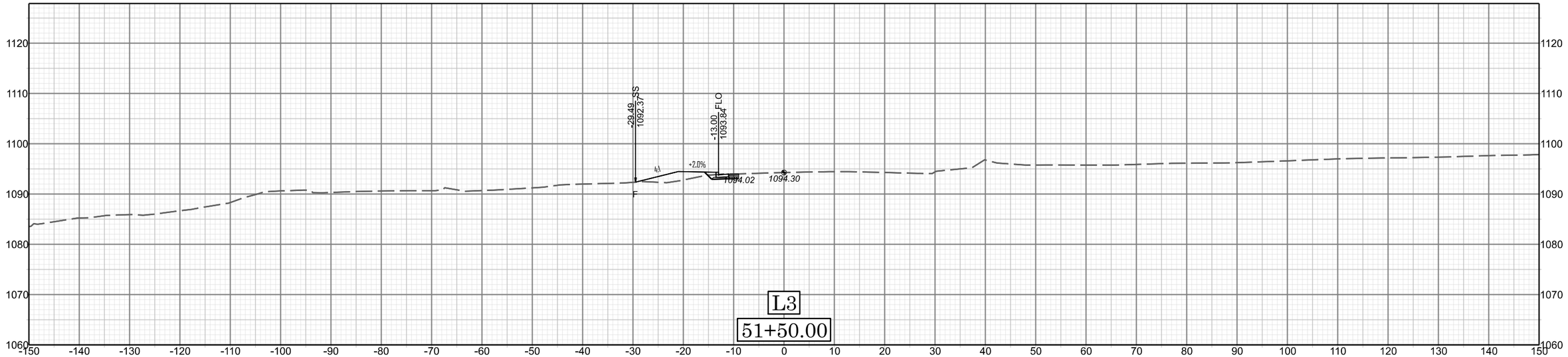

1130
1120
1110
1100
1090
1080
1070
1060
1098.00
L3
48+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
1098.17
L3
48+00.00
20
10
0
X
HL-0065

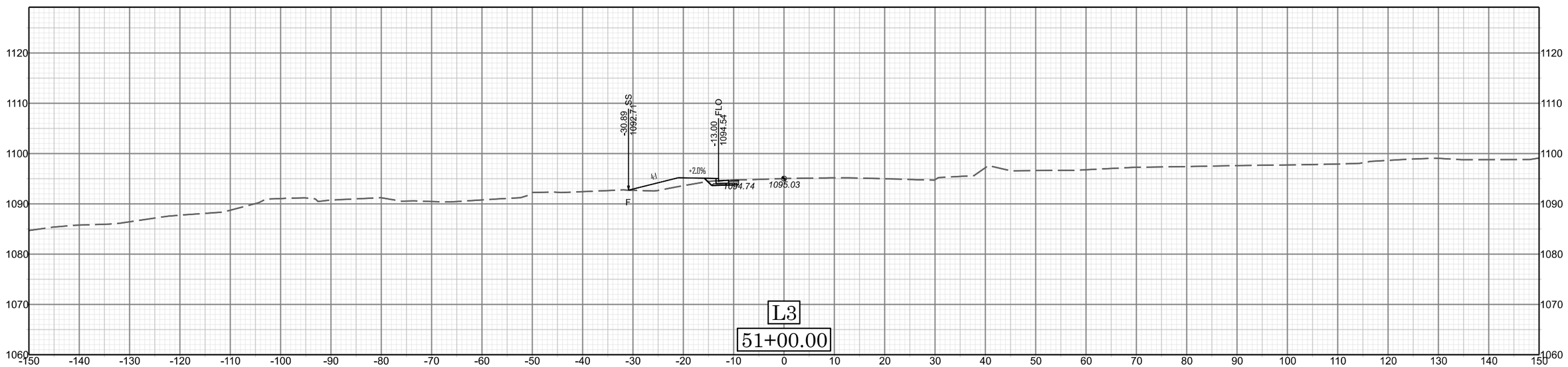

1130
1120
1110
1100
1090
1080
1070
1097.16
L3
49+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

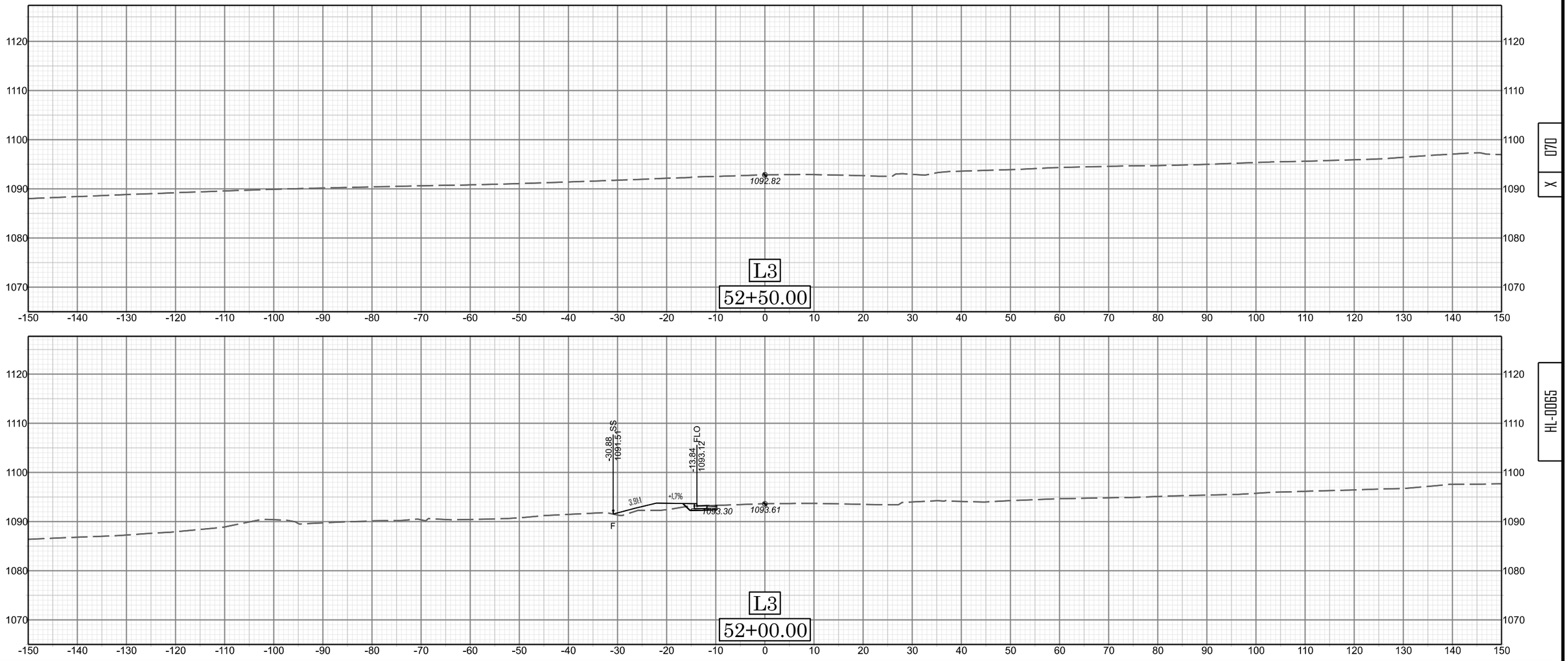

1130
1120
1110
1100
1090
1080
1070
1060
1097.64
L3
49+00.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

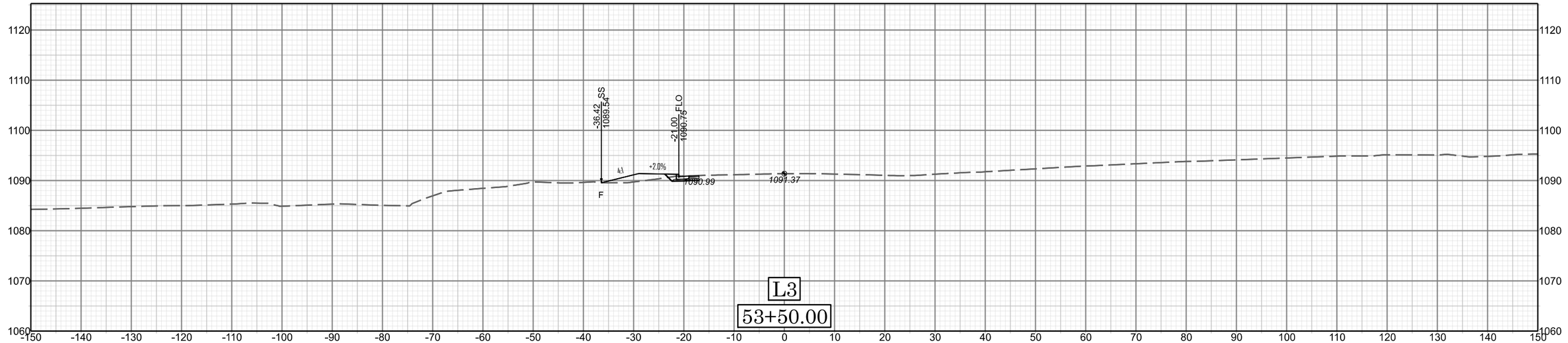
0
10
20

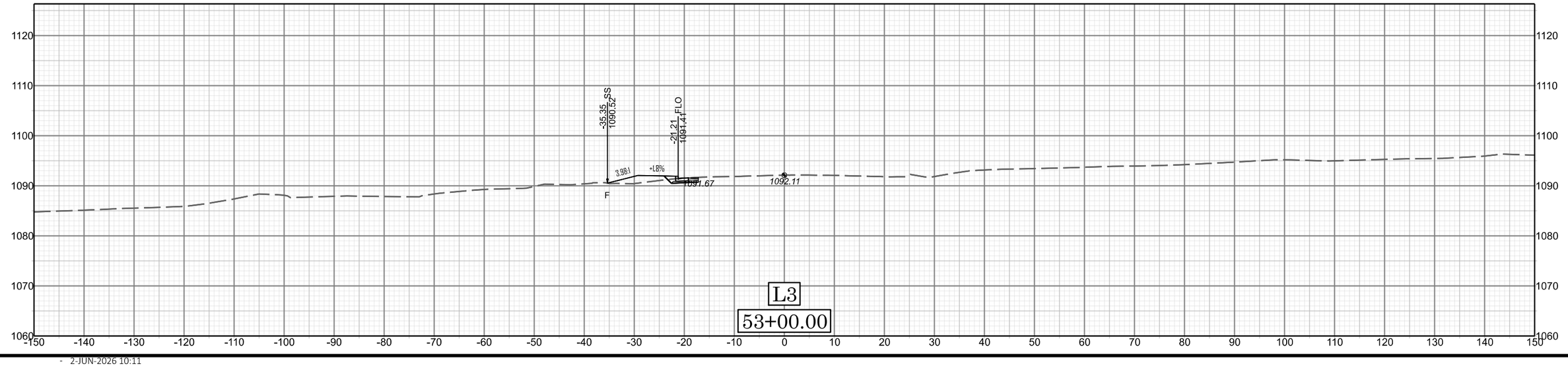

1095.82
L3
50+50.00
1096.52
L3
50+00.00
1120
1110
1100
1090
1080
1070
1130
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150


-29.49
1092.37
SS
-13.00
1093.84
FLO
+2.0%
1094.02
1094.30
L3
51+50.00

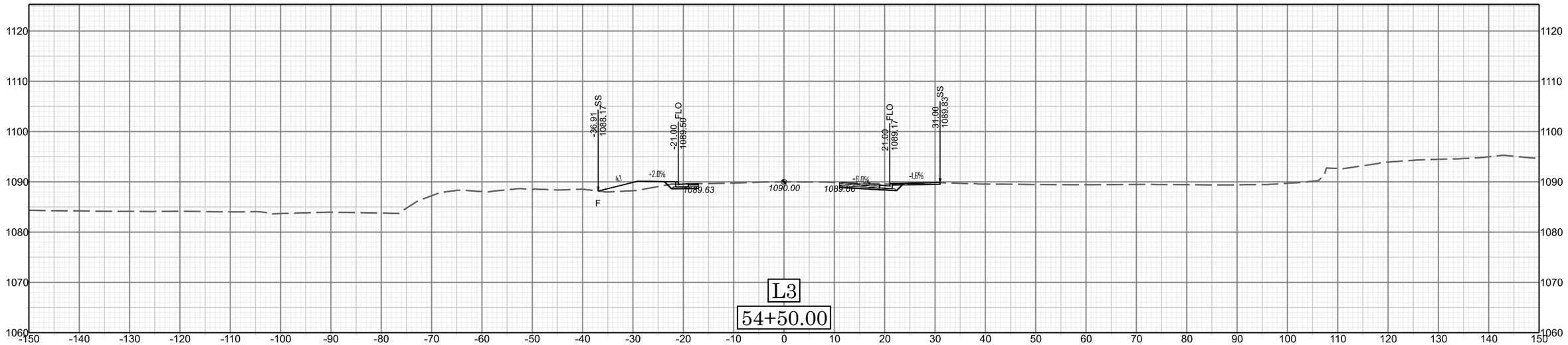

-30.89
1092.74
SS
-13.00
1094.54
FLO
+2.0%
1094.74
1095.03
L3
51+00.00

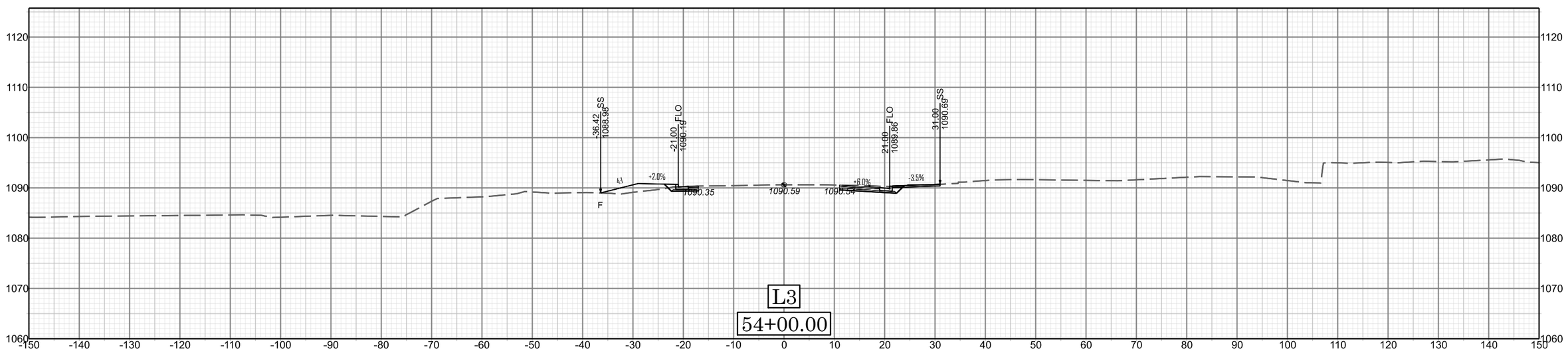

1120
1110
1100
1090
1080
1070
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
1092.82
L3
52+50.00
-30.88
1091.51
SS
-13.84
1093.12
FLO
3.91%
+1.7%
1093.30
1093.61
F
L3
52+00.00
0
10
20
X 070
HL-0065

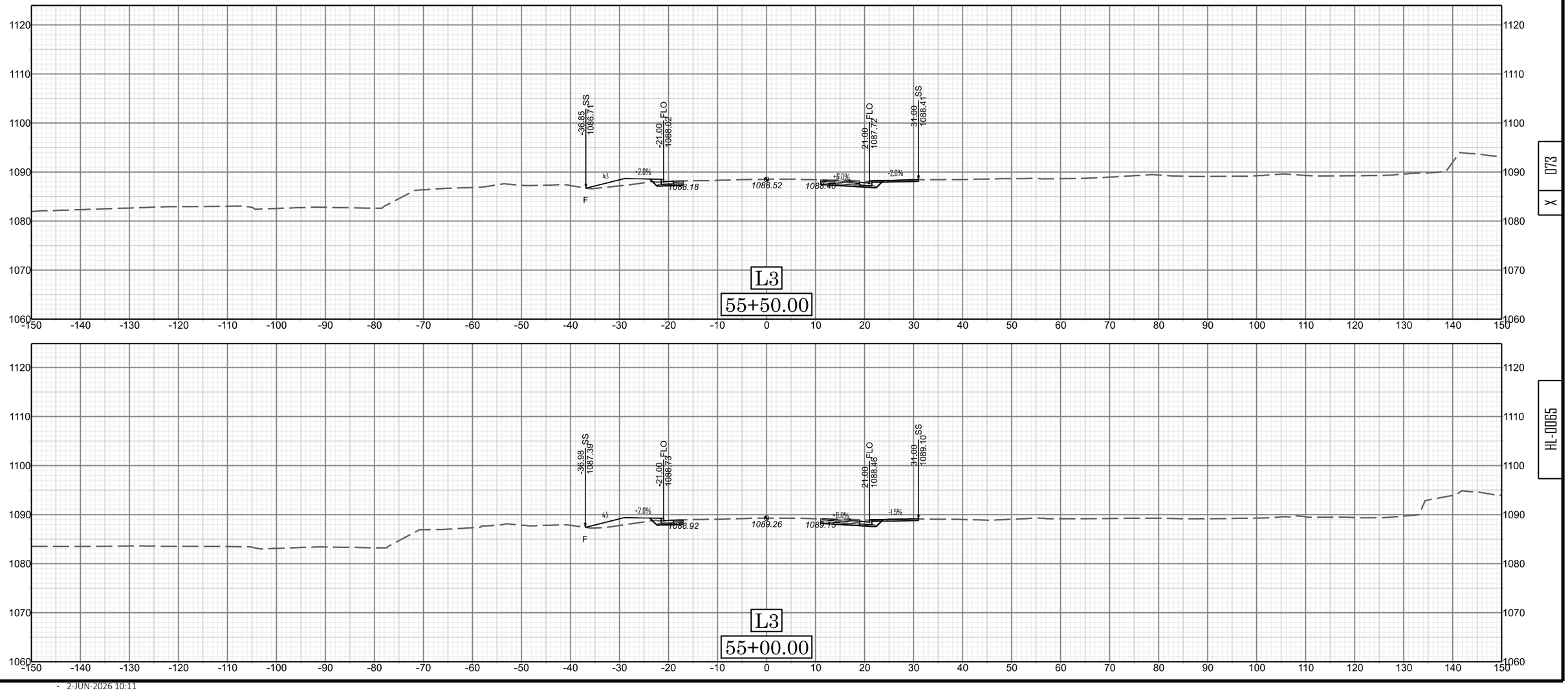

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
-36.42
1089.54
SS
-21.00
1090.75
FLO
4:1
+2.0%
F
1090.99
1091.37
L3
53+50.00

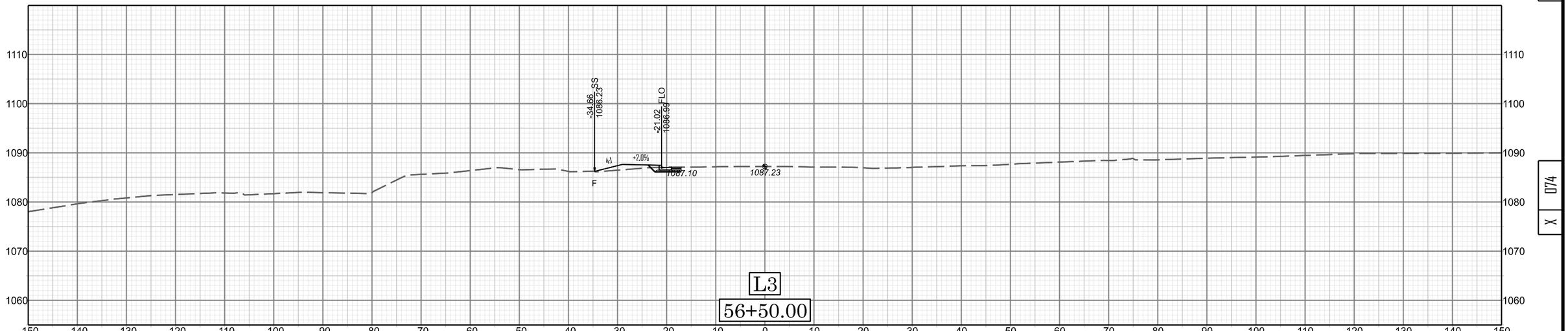

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
-35.35
1090.52
SS
-21.21
1091.41
FLO
3.98:1
+1.8%
F
1091.67
1092.11
L3
53+00.00

20
10
0
X
071
HL-0065


-36.91 SS
1088.17
-21.00 FLO
1089.50
21.00
1089.17 FLO
31.00 SS
1089.83
+2.0%
-1.6%
+6.0%
1089.63
1090.00
1089.56
F
L3
54+50.00

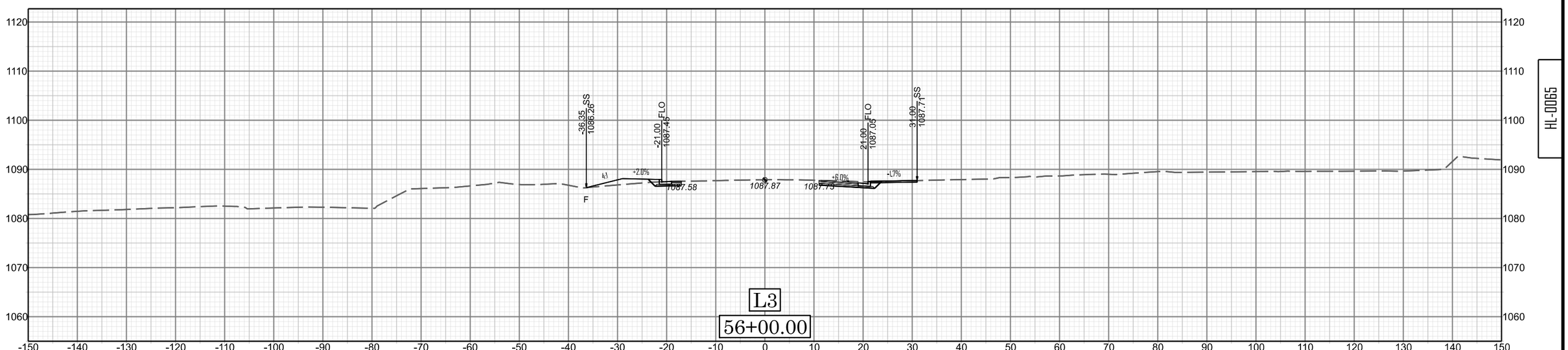

-36.42 SS
1088.98
-21.00 FLO
1090.19
21.00
1089.86 FLO
31.00 SS
1090.69
+2.0%
-3.5%
+6.0%
1090.35
1090.59
1090.54
F
L3
54+00.00


-36.85 SS 1086.71
-21.00 FLO 1088.02
21.00 FLO 1087.72
31.00 SS 1088.41
4:1
+2.0%
+6.0%
-2.0%
1088.18
1088.52
1085.40
F
L3
55+50.00
-36.98 SS 1087.39
-21.00 FLO 1088.73
21.00 FLO 1088.16
31.00 SS 1089.10
4:1
+2.0%
+6.0%
-1.5%
1088.92
1089.26
1085.75
F
L3
55+00.00



L3

56+50.00



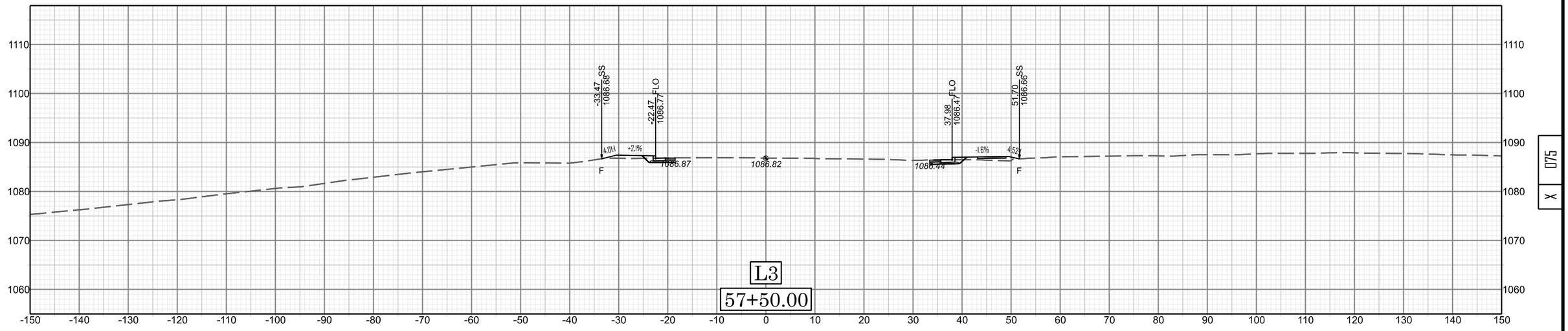
L3

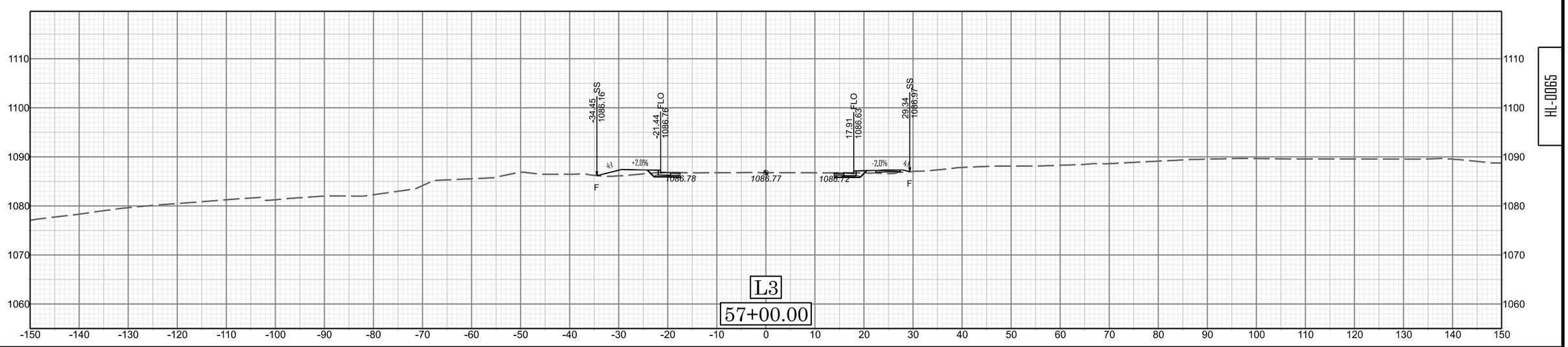
56+00.00

0 10 20

X 074

HL-0065

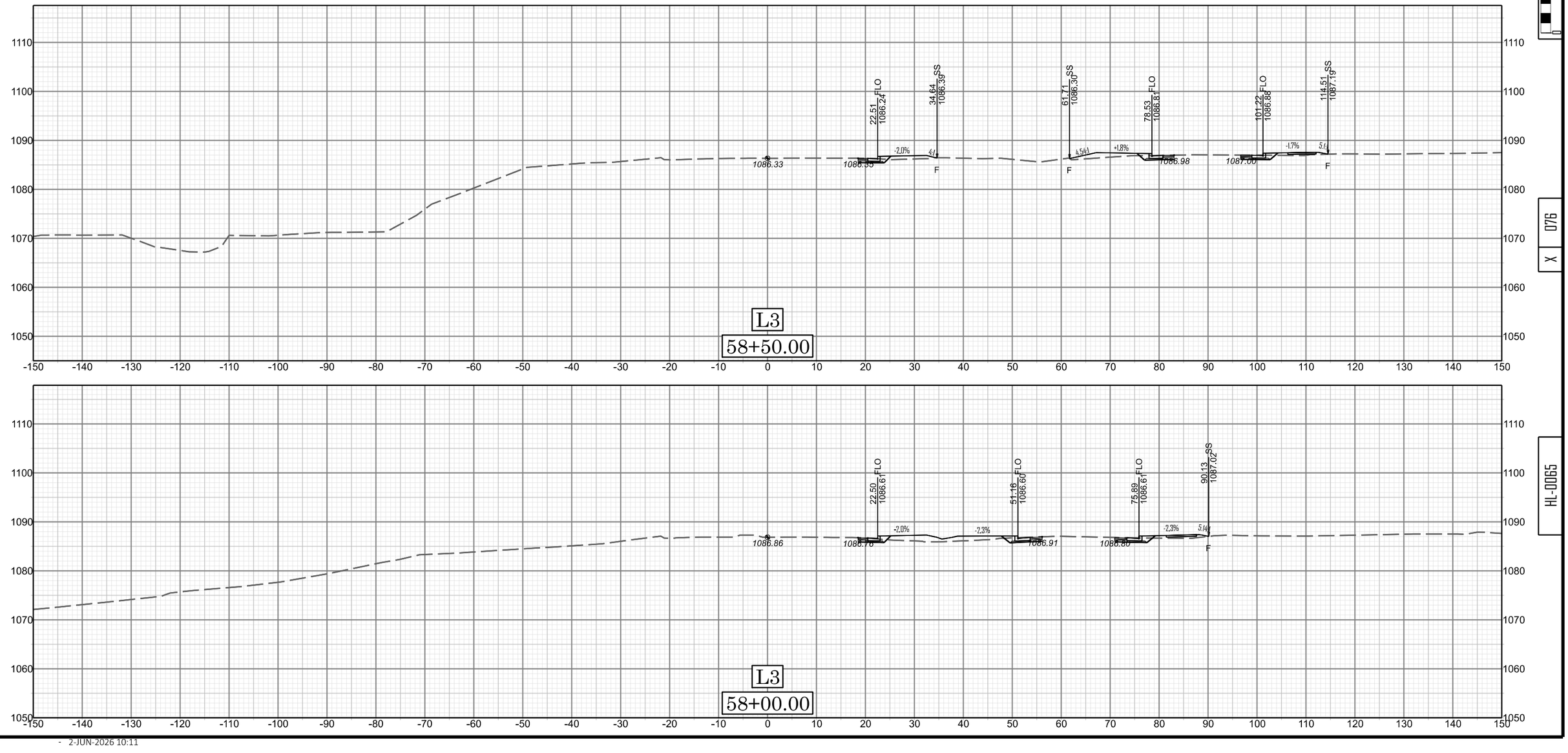


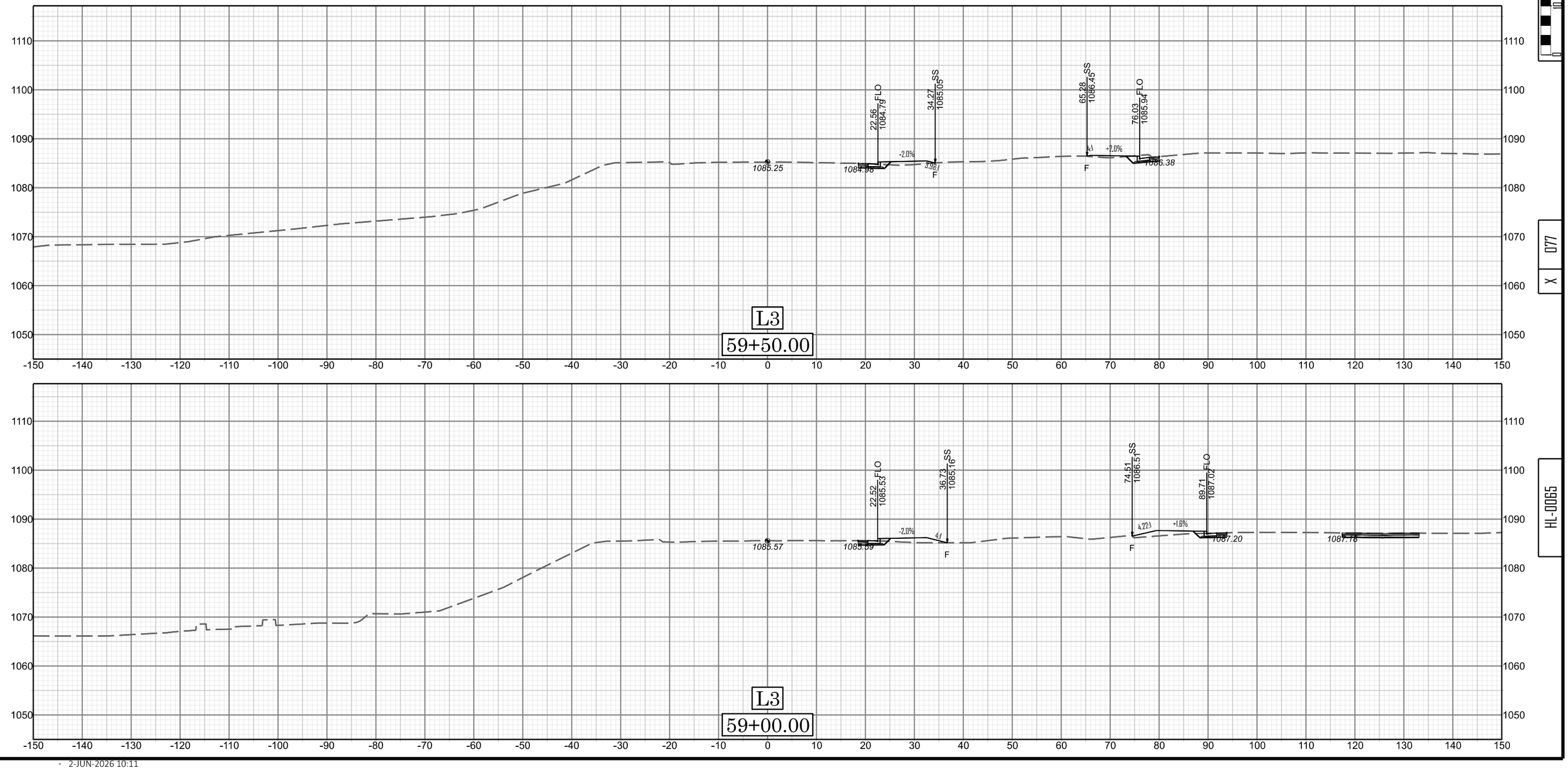


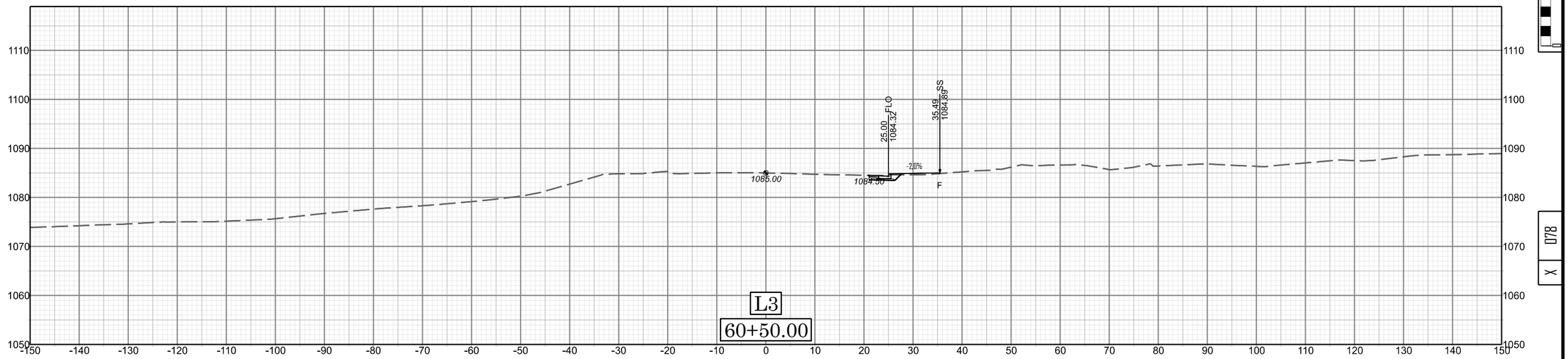
0 10 20

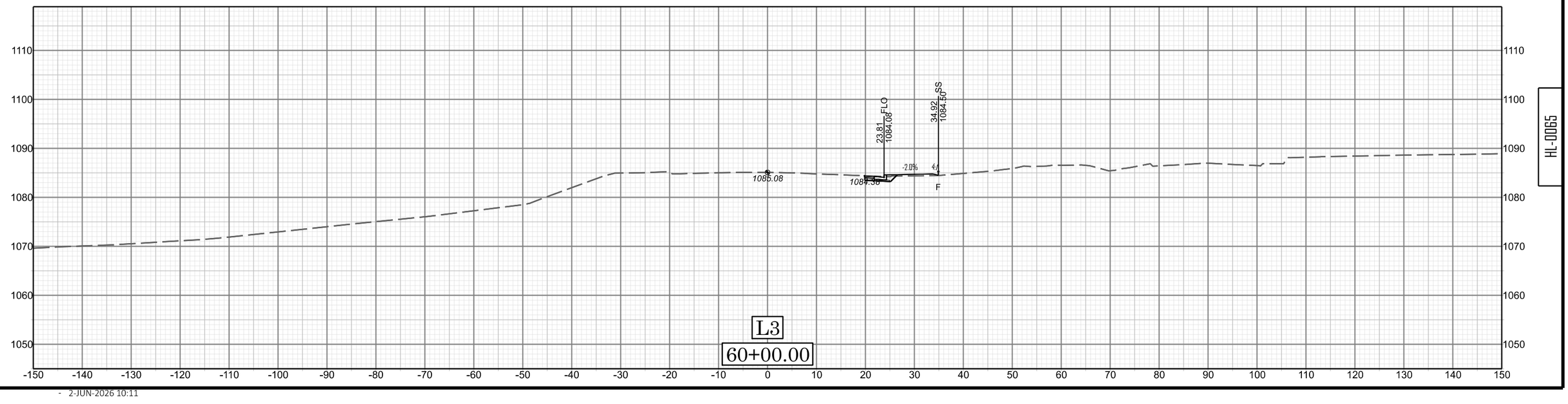
X 075

HL-0065


1110
1100
1090
1080
1070
1060
1050
-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
22.51 FLO 1086.24
34.64 SS 1086.39
61.71 SS 1086.30
78.53 FLO 1086.81
101.22 FLO 1086.88
114.51 SS 1087.19
-2.0%
4:1
4.5H:1
+1.8%
-1.7%
5:1
1086.33
1086.55
1086.98
1087.00
F
L3
58+50.00
22.50 FLO 1086.61
51.16 FLO 1086.60
75.89 FLO 1086.61
90.13 SS 1087.02
-2.0%
-2.3%
-2.3%
5:1
1086.86
1086.76
1086.91
1086.85
F
L3
58+00.00
0
10
20
X 0176
HL-0065


1110
1100
1090
1080
1070
1060
1050
-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
22.56 FLO 1084.79
34.27 SS 1085.05
65.28 SS 1086.45
76.03 FLO 1085.94
-2.0%
+2.0%
1085.25
1084.56
1086.38
F
L3
59+50.00
22.52 FLO 1085.53
36.73 SS 1085.16
74.51 SS 1086.51
89.71 FLO 1087.02
-2.0%
+1.6%
1085.57
1085.59
1087.20
1087.18
F
L3
59+00.00
0
10
20
077
X
HL-0065



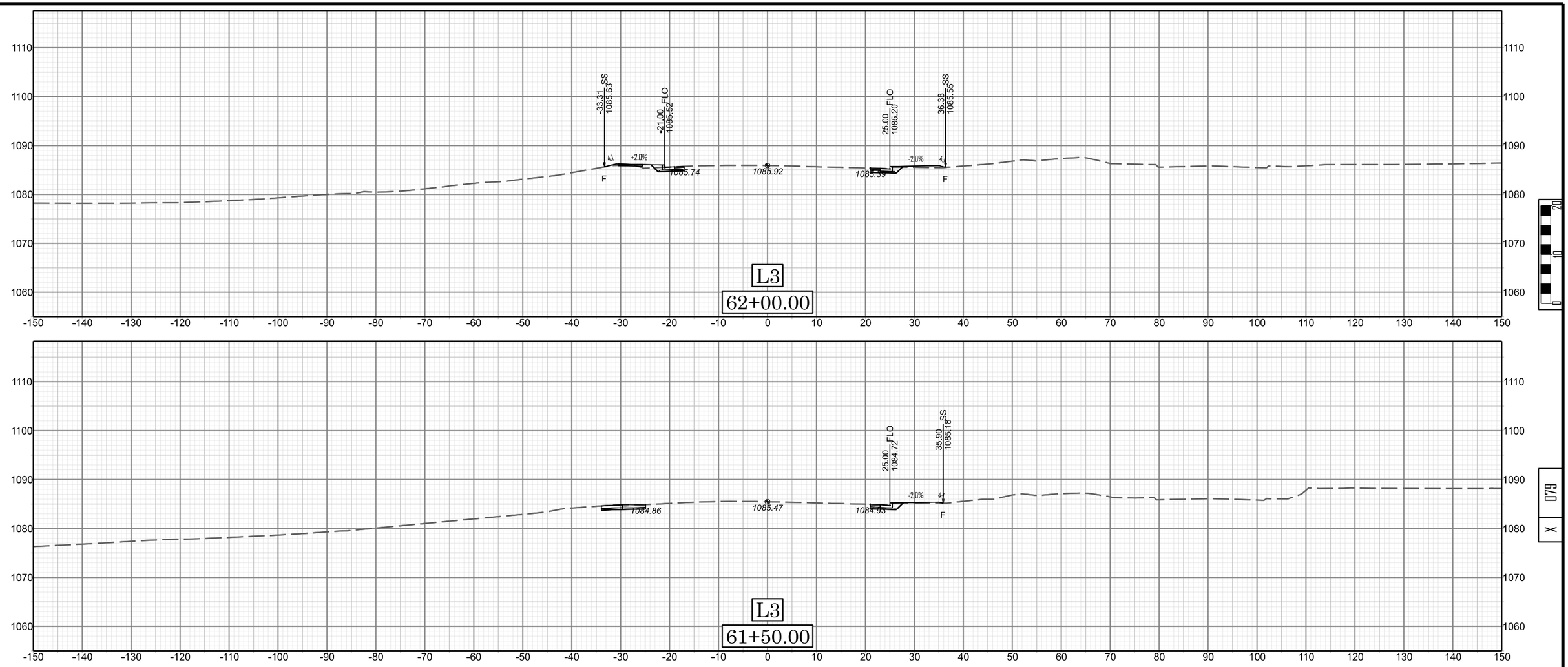


20
10
0

X

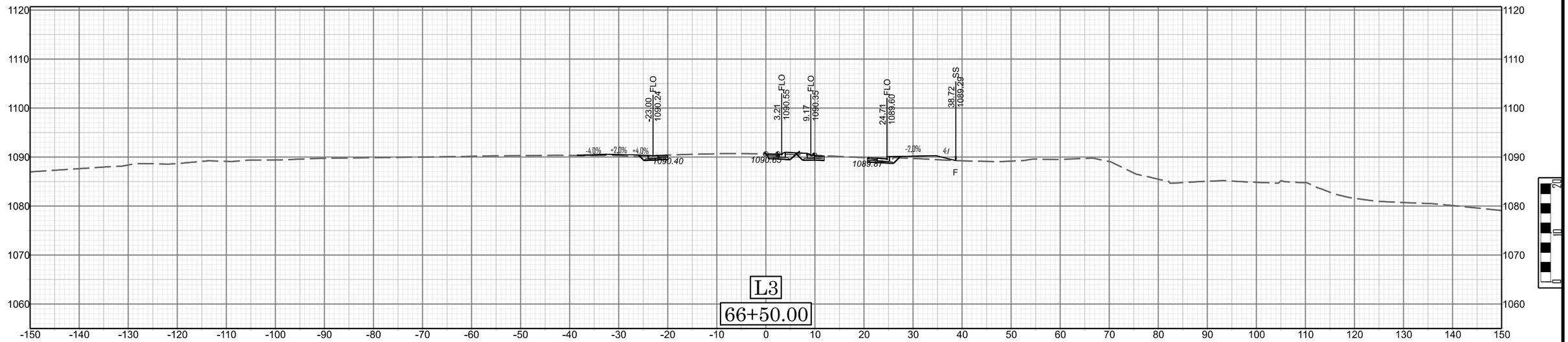
078

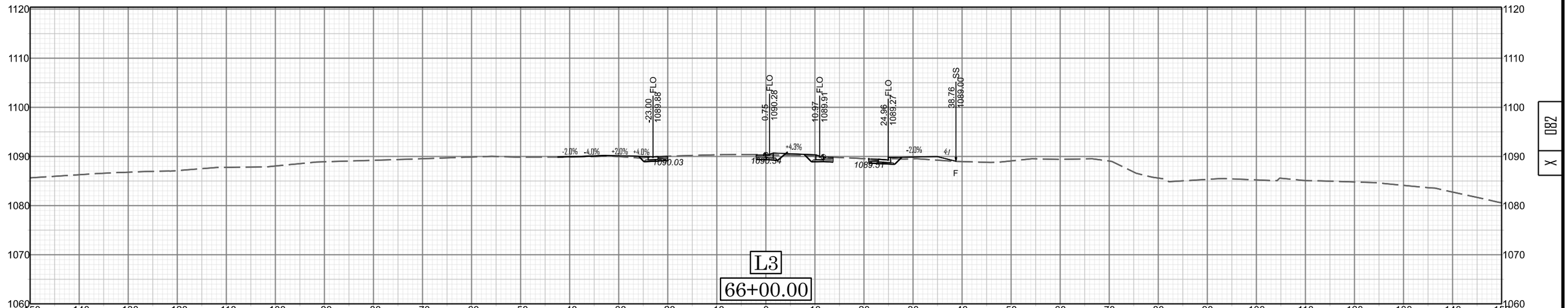
HL-0065

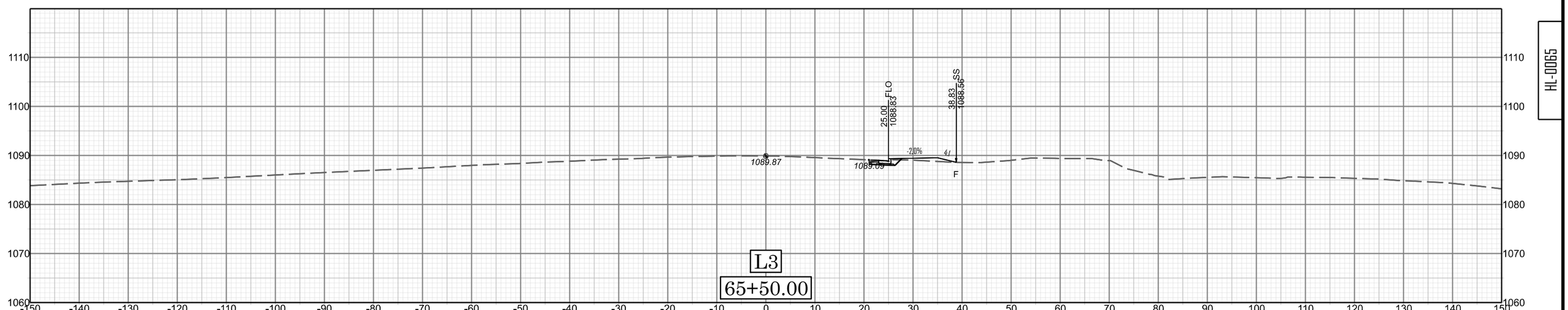

-33.31
1085.63
SS
-21.00
1085.52
FLO
25.00
1085.20
FLO
36.38
1085.55
SS
+2.0%
-2.0%
4:1
F
1085.74
1085.92
1085.55
L3
62+00.00
-33.31
1085.63
SS
-21.00
1085.52
FLO
25.00
1085.20
FLO
36.38
1085.55
SS
+2.0%
-2.0%
4:1
F
1084.86
1085.47
1084.93
L3
61+50.00
25.00
1084.72
FLO
35.90
1085.18
SS
-2.0%
4:1
F
1085.15
1084.87
25.00
1084.46
FLO
35.70
1085.00
SS
-2.0%
4:1
F
L3
61+00.00
1110
1100
1090
1080
1070
1060
-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
20
10
0
679
X
HL-0065

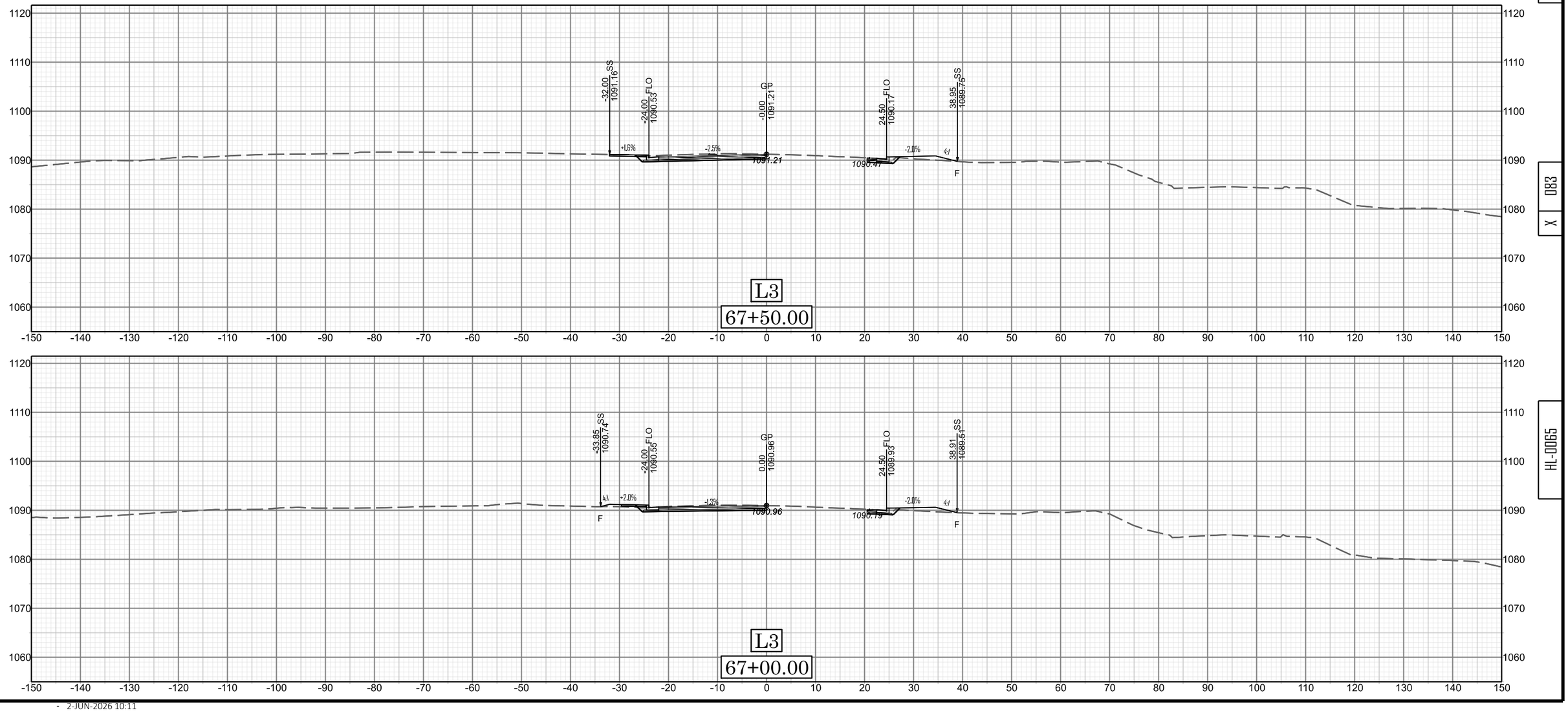
-33.70 SS 1087.31
-21.00 FLO 1087.30
25.00 FLO 1086.79
37.35 SS 1086.89
+2.0%
-2.0%
4:1
F
1087.51
1087.61
1086.95
L3
63+50.00
-31.90 SS 1087.02
-21.00 FLO 1086.56
25.00 FLO 1086.20
36.25 SS 1086.58
1086.79
1086.98
1086.36
L3
63+00.00
-33.11 SS 1086.17
-21.00 FLO 1086.01
25.00 FLO 1085.70
36.21 SS 1086.08
1086.24
1086.42
1085.89
L3
62+50.00
1110
1100
1090
1080
1070
1060
-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
20
10
0
080
X
HL-0065

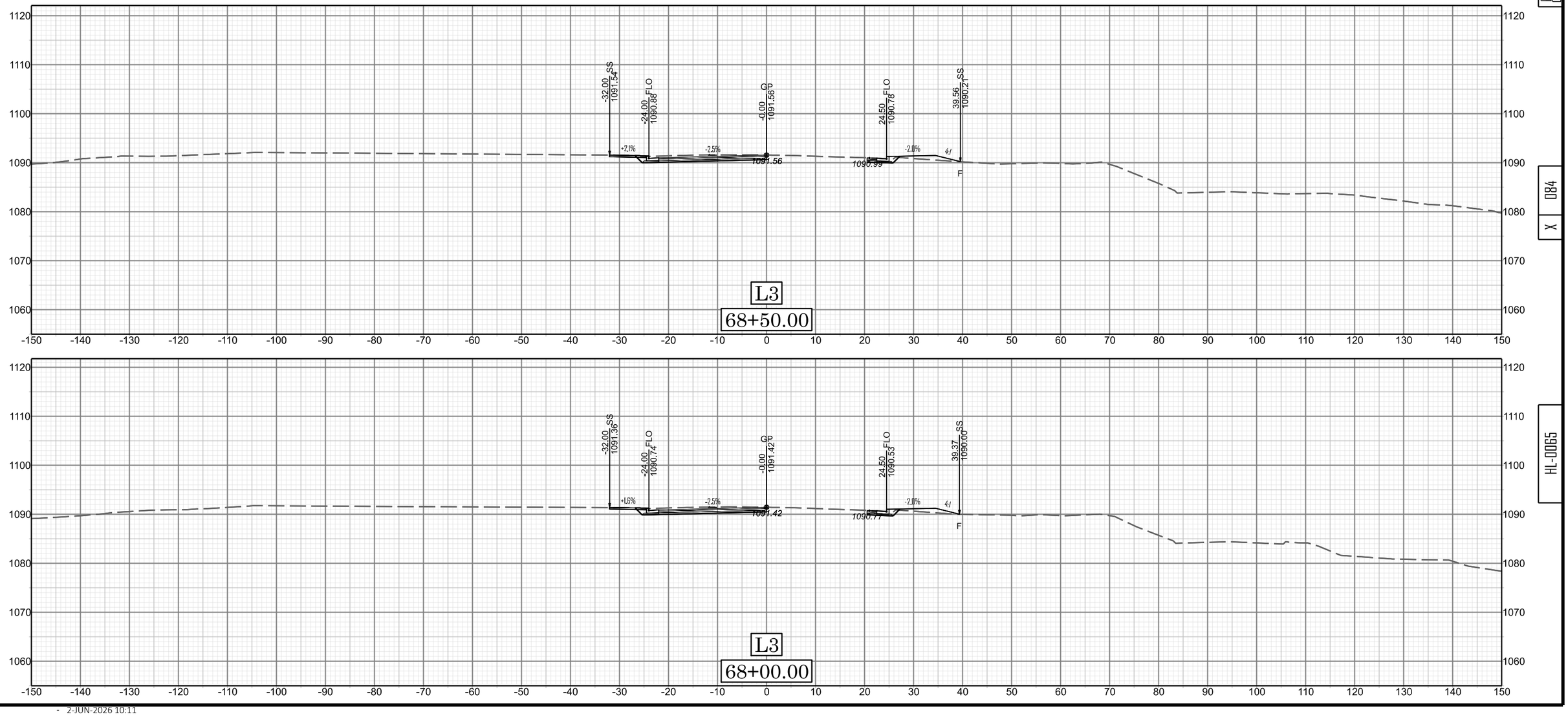
L3
65+00.00
34.00 FLO 1089.08
21.00 FLO 1089.12
25.00 FLO 1088.44
38.36 SS 1088.29
+2.0%
-2.0%
4:1
1089.28
1089.37
1088.66
F
L3
64+50.00
34.00 FLO 1088.70
21.00 FLO 1088.63
25.00 FLO 1087.90
38.32 SS 1087.76
+2.0%
-2.0%
4:1
1088.78
1088.75
1088.09
F
L3
64+00.00
20.75 FLO 1088.12
25.00 FLO 1087.35
37.57 SS 1087.40
-0.3%
-8.0%
-7.0%
+7.0%
+4.0%
-2.0%
4:1
1088.25
1088.19
1087.55
F
1110
1100
1090
1080
1070
1060
1120
-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
0 10 20
X 081
HL-0065


23.00 FLO 1090.24
3.21 FLO 1090.55
9.17 FLO 1090.35
24.71 FLO 1089.60
38.72 SS 1089.29
-4.0%
+2.0%
+4.0%
-2.0%
4:1
1090.40
1090.65
1089.87
F
L3
66+50.00

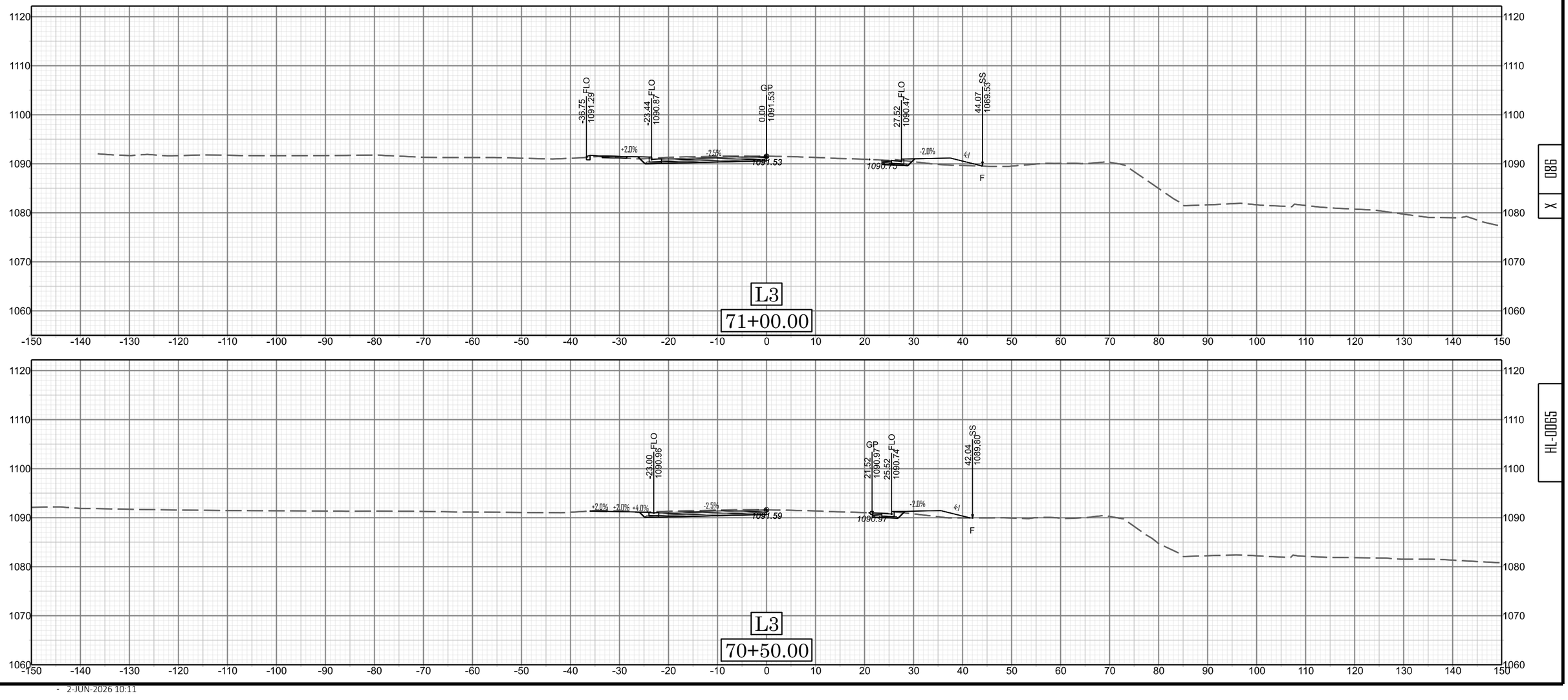

23.00 FLO 1089.88
0.75 FLO 1090.28
10.97 FLO 1089.91
24.96 FLO 1089.27
38.76 SS 1089.00
-2.0%
-4.0%
+2.0%
+4.0%
+4.3%
-2.0%
4:1
1090.03
1090.54
1089.51
F
L3
66+00.00

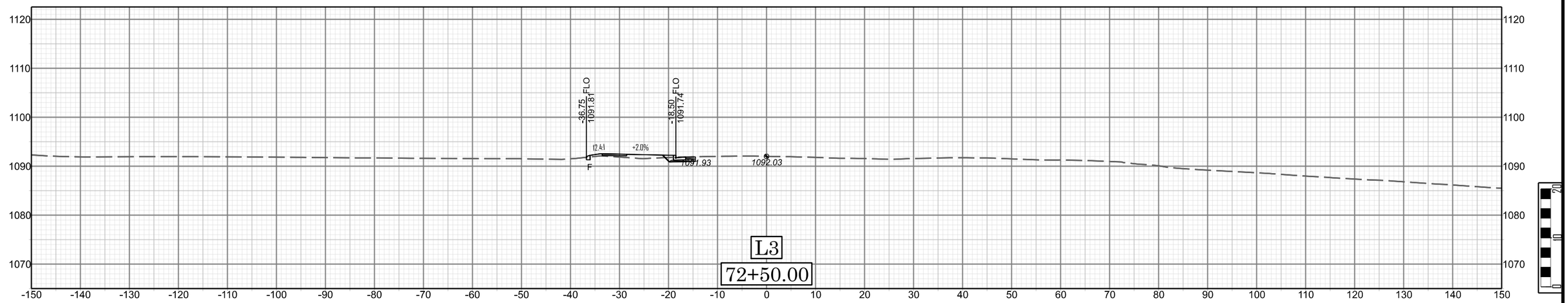

25.00 FLO 1088.83
38.83 SS 1088.56
-2.0%
4:1
1089.87
1089.03
F
L3
65+50.00

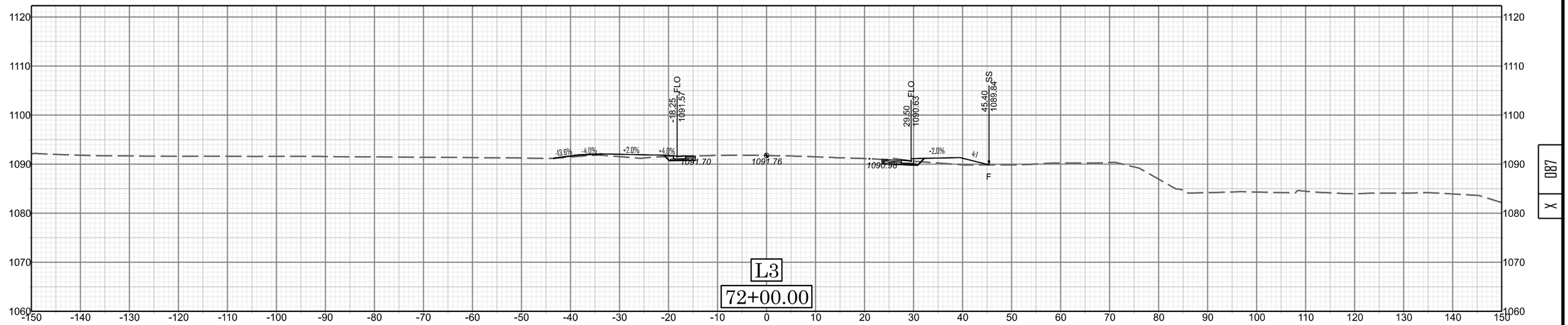

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
-32.00
1091.16
SS
-24.00
1090.53
FLO
-0.00
1091.21
C
24.50
1090.17
FLO
38.95
1089.76
SS
+1.6%
-2.5%
-2.0%
4:1
1091.21
1090.47
F
L3
67+50.00
-33.85
1090.74
SS
-24.00
1090.55
FLO
0.00
1090.96
C
24.50
1089.93
FLO
38.91
1089.64
SS
4:1
+2.0%
-1.3%
-2.0%
1090.96
1090.19
F
L3
67+00.00
0
10
20
X
083
HL-0065

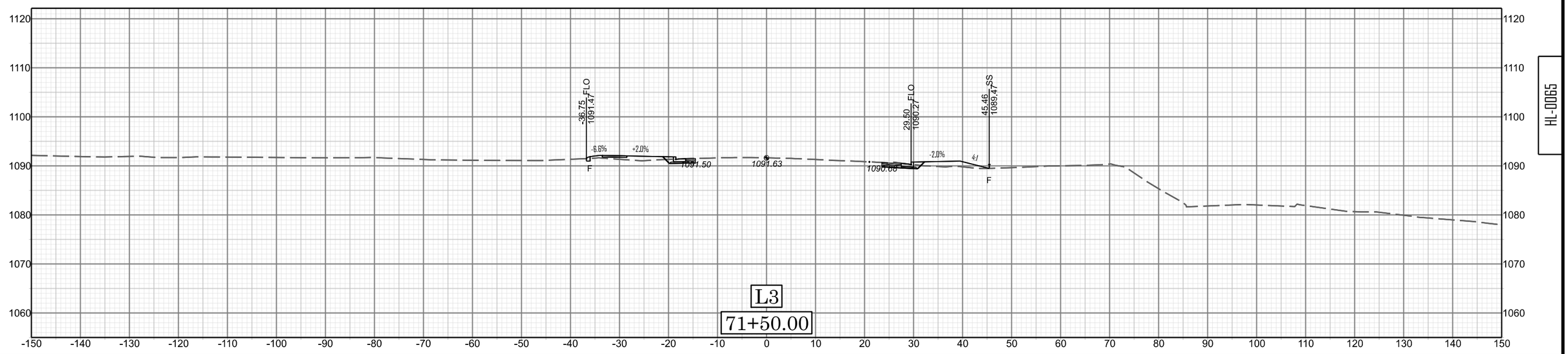

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
-32.00 SS 1091.54
-24.00 FLO 1090.88
-0.00 C 1091.56
24.50 FLO 1090.78
39.56 SS 1090.21
-2.1%
-2.5%
-2.0%
4:1
1091.56
1090.99
F
L3
68+50.00
-32.00 SS 1091.36
-24.00 FLO 1090.74
-0.00 C 1091.42
24.50 FLO 1090.53
39.37 SS 1090.06
-1.6%
-2.5%
-2.0%
4:1
1091.42
1090.77
F
L3
68+00.00
0
10
20
X
084
HL-0065

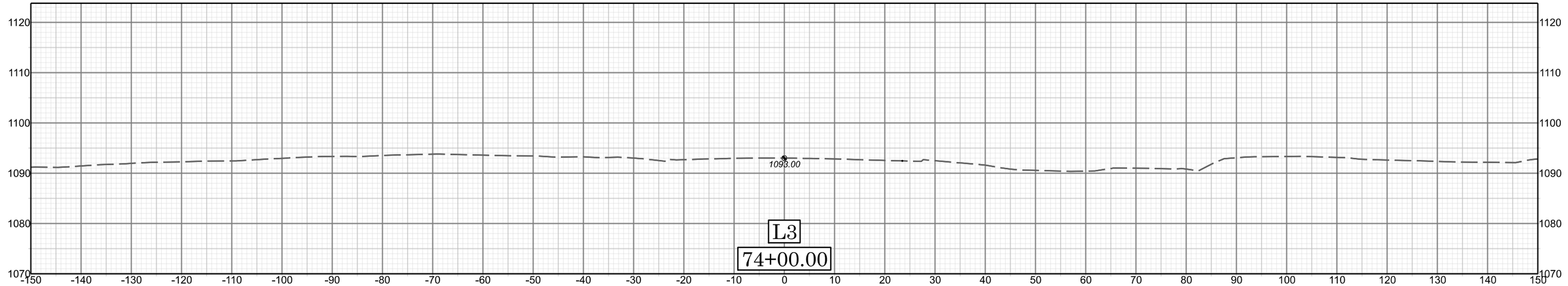
-32.00 SS 1091.53
-24.00 FLO 1090.97
-20.36 FLO 1091.06
-0.00 Q 1091.65
24.50 FLO 1091.02
42.14 SS 1089.80
+0.8%
-2.5%
-2.0%
4:1
1091.65
1091.19
F
L3
70+00.00
-32.00 SS 1091.61
-24.00 FLO 1091.05
-0.00 Q 1091.73
24.50 FLO 1091.02
41.11 SS 1090.06
+0.8%
-2.5%
-2.0%
4:1
1091.73
1091.22
F
L3
69+50.00
-32.00 SS 1091.53
-24.00 FLO 1090.95
-0.00 Q 1091.63
24.50 FLO 1090.92
40.58 SS 1090.09
+1.1%
-2.5%
-2.0%
4:1
1091.63
1091.12
F
L3
69+00.00
1120
1110
1100
1090
1080
1070
1060
-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
0 10 20
X 085
HL-0065

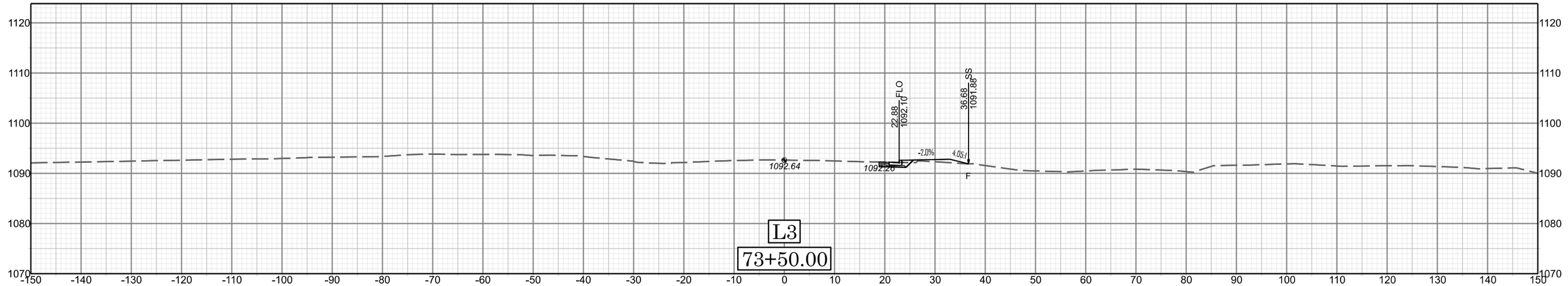

-36.75 FLO 1091.29
-23.44 1090.87 FLO
0.00 G 1091.53
27.52 FLO 1090.47
44.07 1089.53 SS
+2.0%
-2.5%
-2.0%
4:1
1091.53
1090.75
F
L3
71+00.00
-23.00 1090.96 FLO
21.52 1090.97 G
25.52 FLO 1090.74
42.04 1089.80 SS
+2.0% +2.0% +4.0%
-2.5%
-2.0%
4:1
1091.59
1090.91
F
L3
70+50.00
1120
1110
1100
1090
1080
1070
1060
-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
0 10 20
X 080
HL-0065

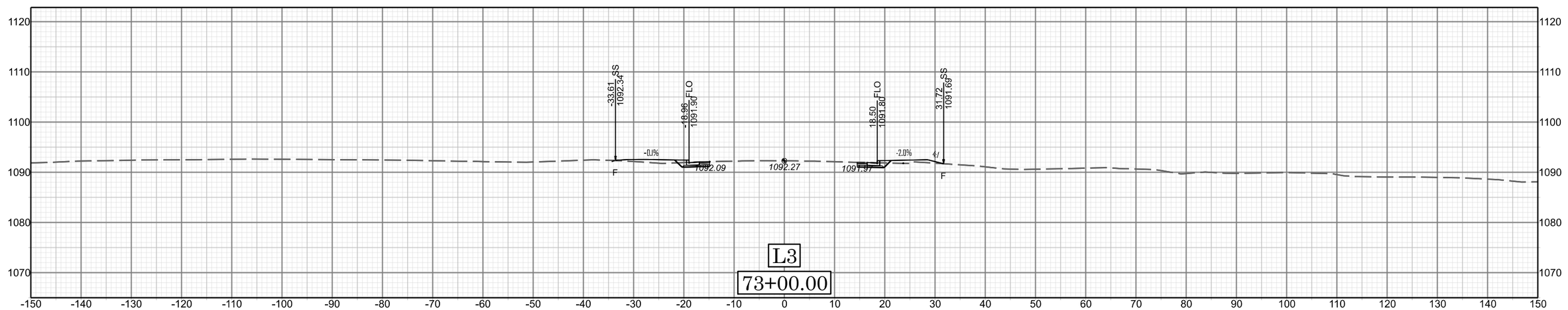

-36.75 FLO 1091.81
-18.50 FLO 1091.74
12.4:1
+2.0%
F
1091.93
1092.03
L3
72+50.00


-18.25 FLO 1091.57
-13.6%
-4.0%
+2.0%
+4.0%
1091.70
1091.76
29.50 FLO 1090.63
45.40 SS 1089.84
-2.0%
4:1
F
1090.96
L3
72+00.00

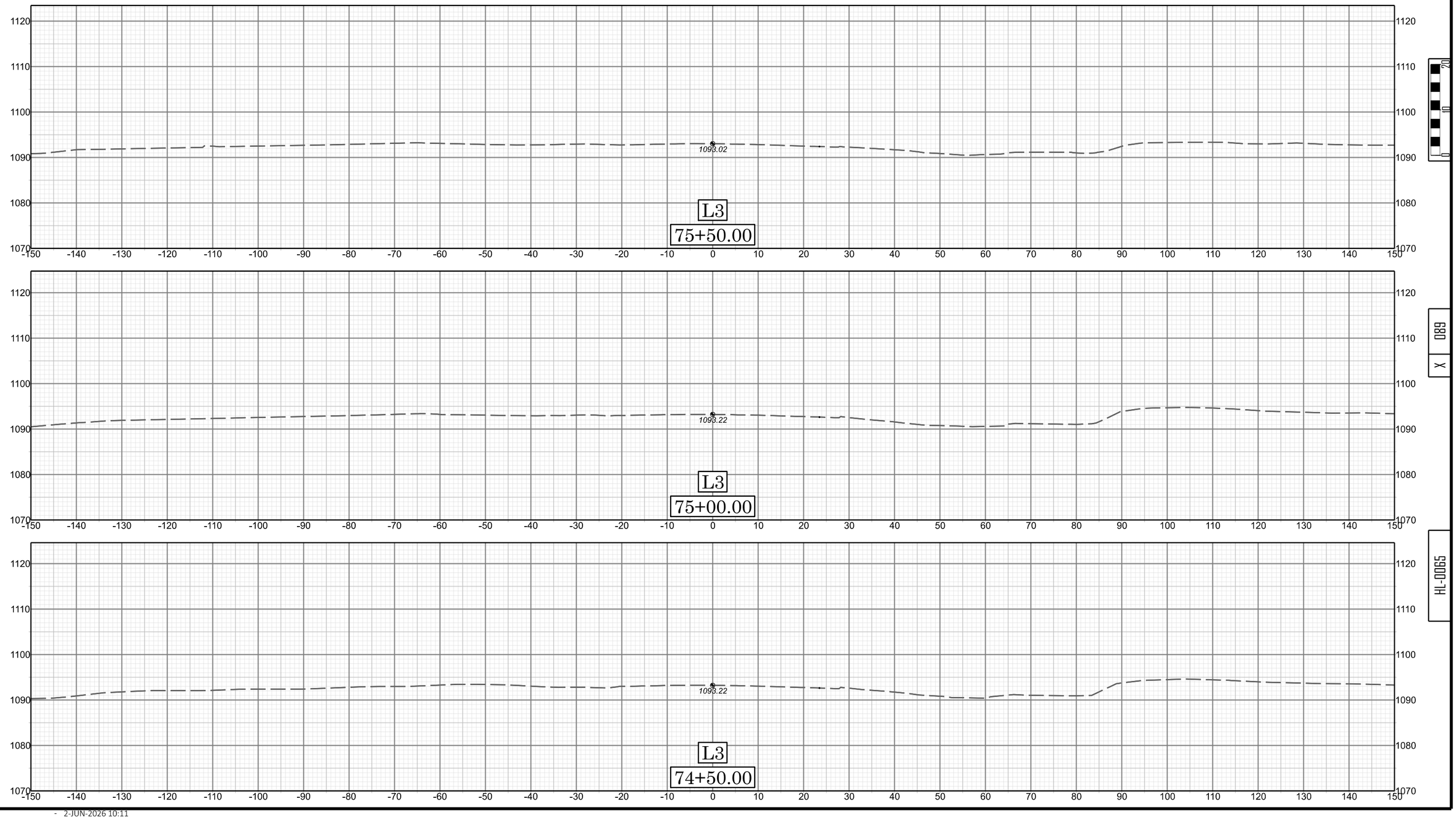

-36.75 FLO 1091.47
-6.6%
+2.0%
F
1091.50
1091.63
29.50 FLO 1090.27
45.46 SS 1089.47
-2.0%
4:1
F
1090.66
L3
71+50.00


1120
1110
1100
1090
1080
1070
-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
1093.00
L3
74+00.00

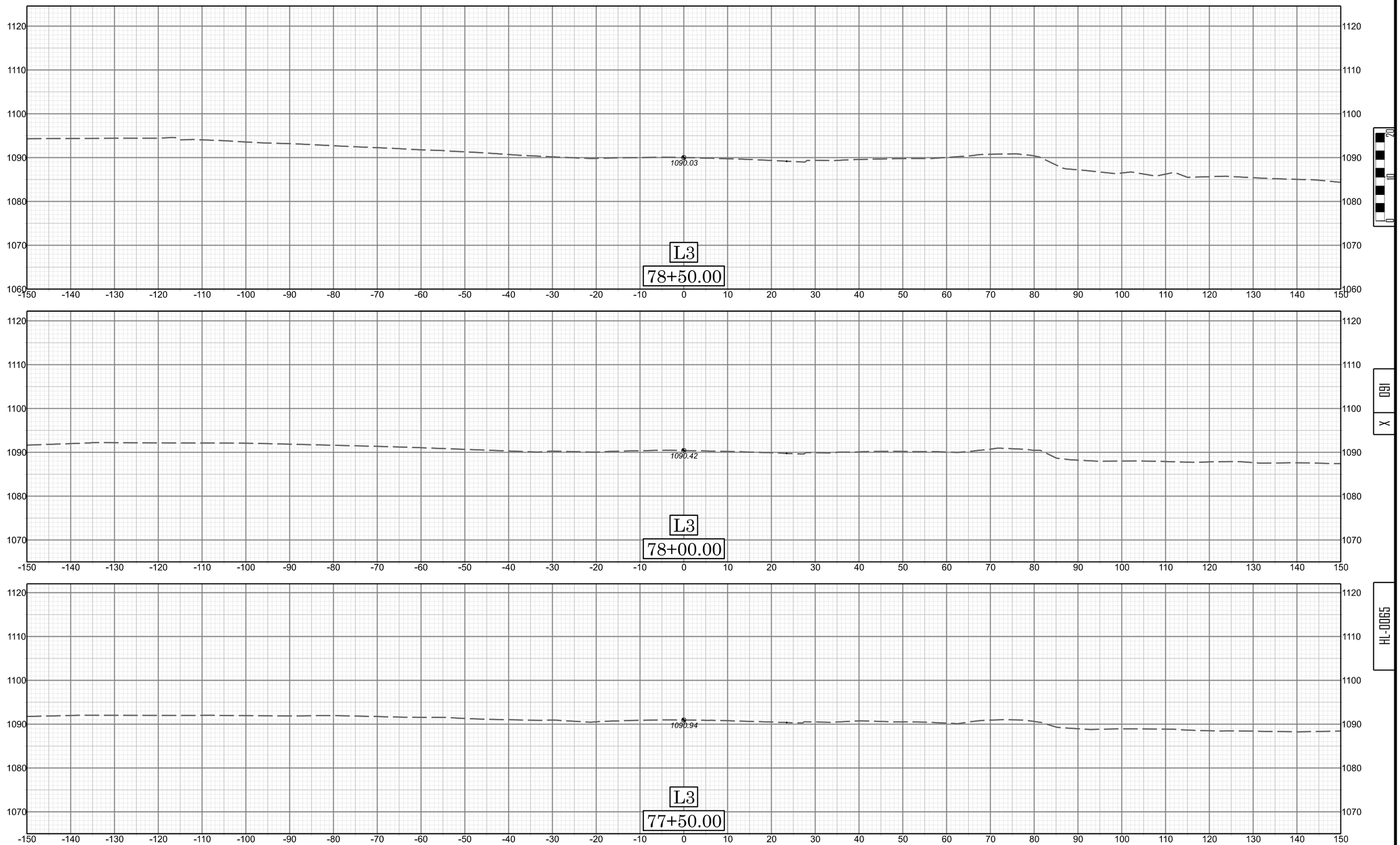

1120
1110
1100
1090
1080
1070
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
22.88
1092.10
FLO
36.68
1091.88
SS
-2.0%
4.05
1092.64
1092.20
F
L3
73+50.00


1120
1110
1100
1090
1080
1070
-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
33.61
1092.34
SS
-0.1%
16.96
1091.90
FLO
1092.09
1092.27
18.50
1091.80
FLO
-2.0%
31.72
1091.69
SS
4
1091.97
F
F
L3
73+00.00

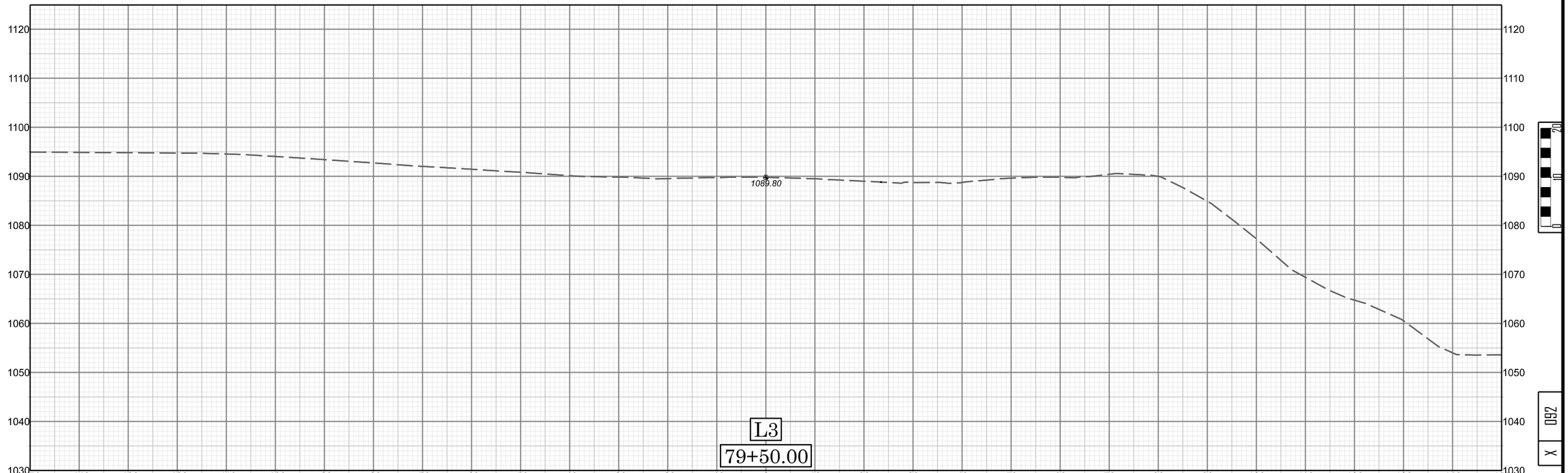
880
X
HL-00065

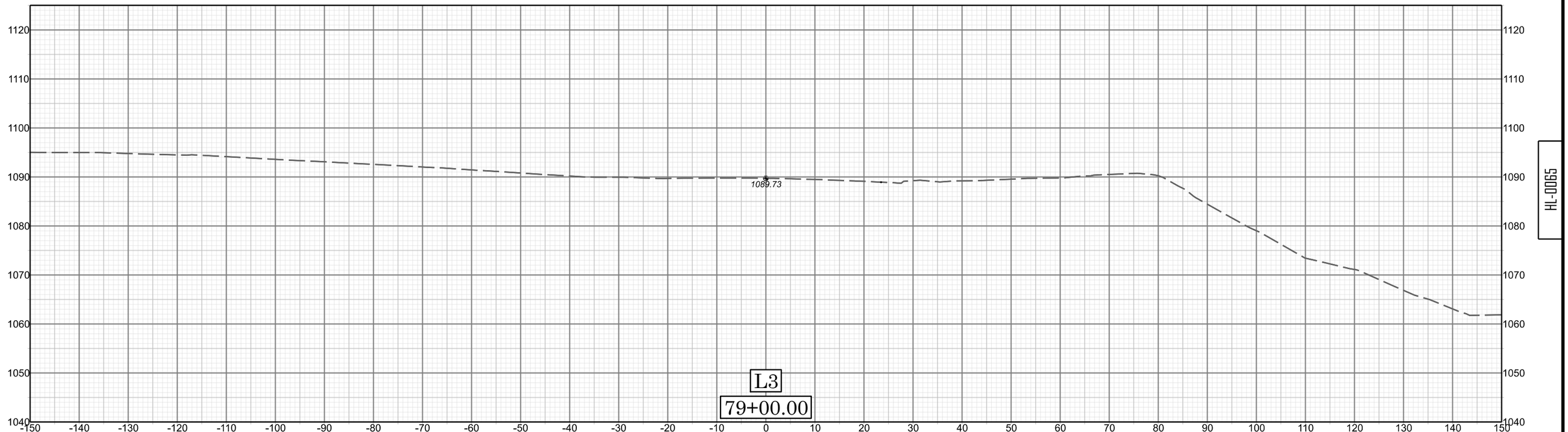

1120
1110
1100
1090
1080
1070
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
1093.02
L3
75+50.00
1093.22
L3
75+00.00
1093.22
L3
74+50.00
20
10
0
680
X
HL-0065

1120
1110
1100
1090
1080
1070
-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
1091.48
L3
77+00.00
1092.02
L3
76+50.00
1092.57
L3
76+00.00
0
10
20
060
X
HL-0065


1120
1110
1100
1090
1080
1070
1060
-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
1090.03
L3
78+50.00
1090.42
L3
78+00.00
1090.94
L3
77+50.00
0
10
20
X
HL-0065

11/14/23





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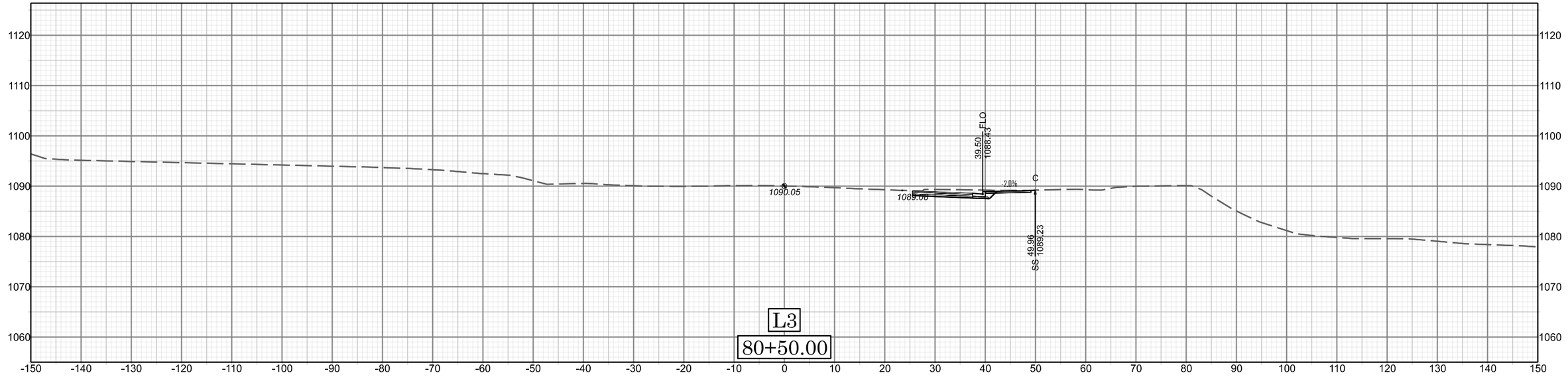
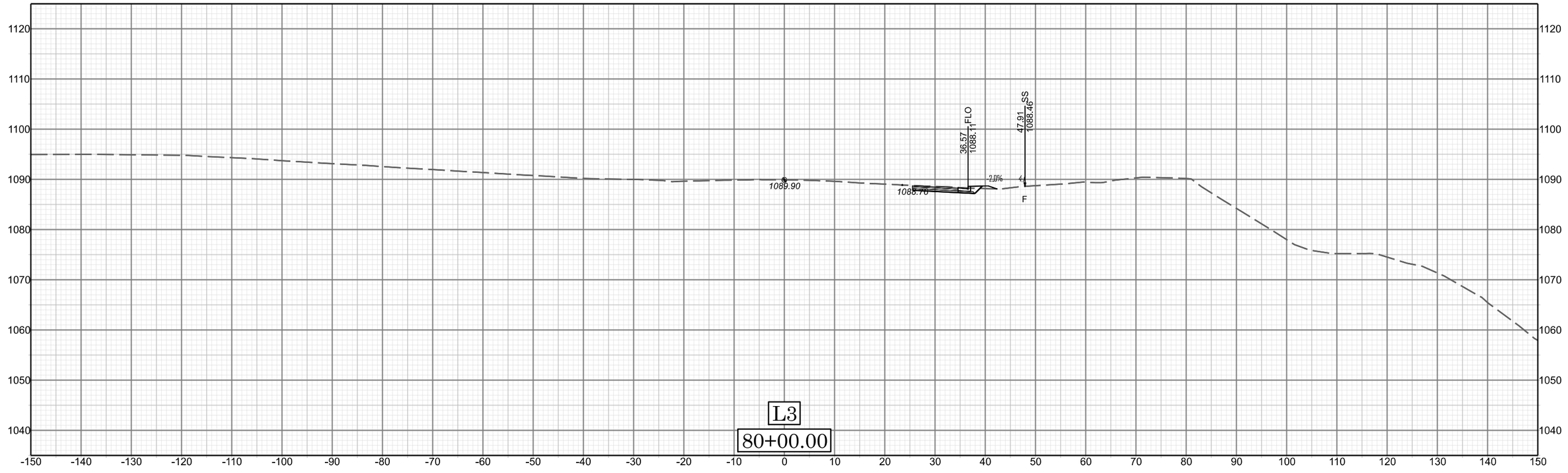
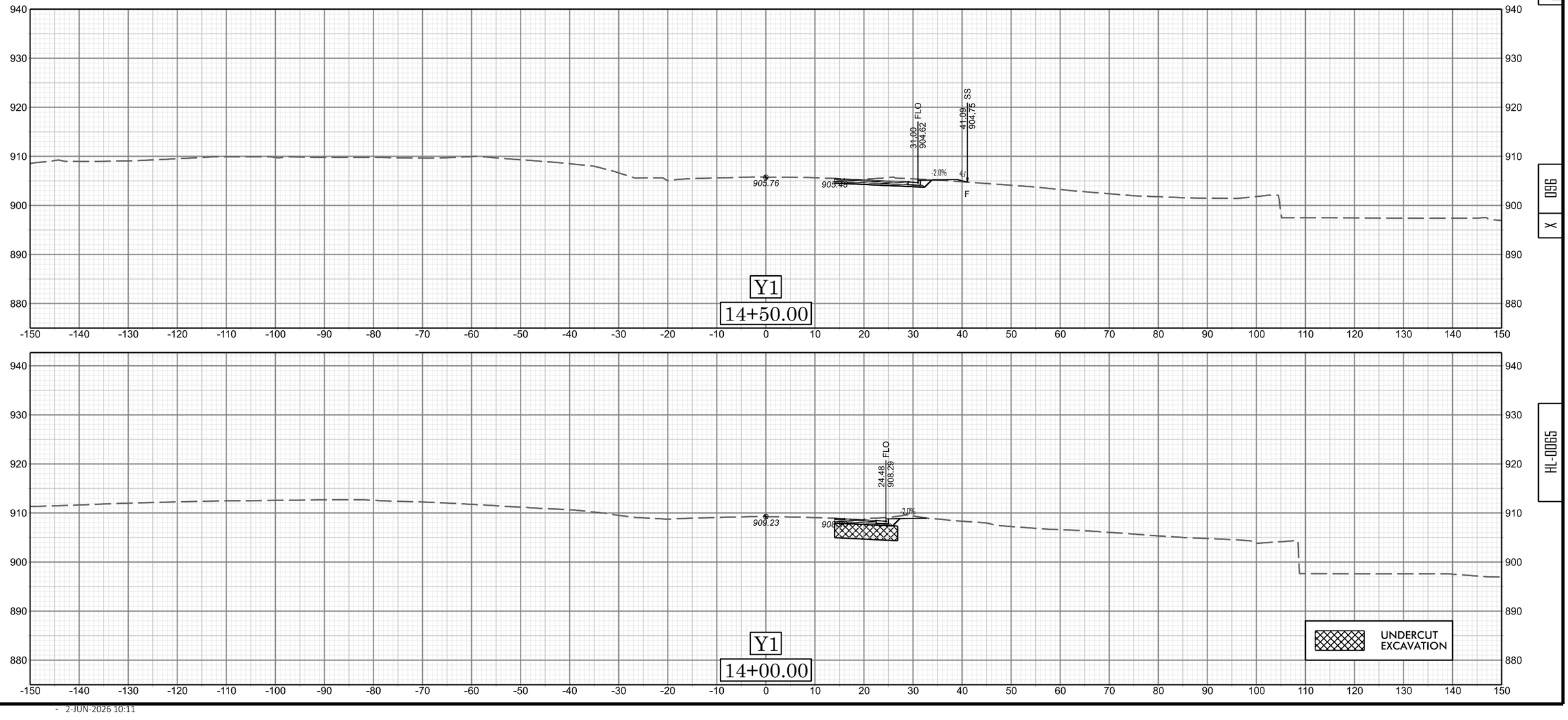

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
39.50
1088.43
FLO
-2.0%
1090.05
1089.06
49.96
1089.23
SS
L3
80+50.00


1120
1110
1100
1090
1080
1070
1060
1050
1040
-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
36.57
1088.11
FLO
47.91
1088.46
SS
2.0%
1089.90
1088.76
F
L3
80+00.00

1120
1110
1100
1090
1080
1070
1060
-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
1091.93
L3
82+00.00
1091.15
30.47
1090.21
FLO
45.57
1089.71
SS
-2.0%
4.0%
1090.47
F
L3
81+50.00
1090.47
32.43
1089.07
FLO
45.05
1089.11
SS
-2.0%
4.0%
1089.52
F
L3
81+00.00
20
10
0
094
X
HL-0065

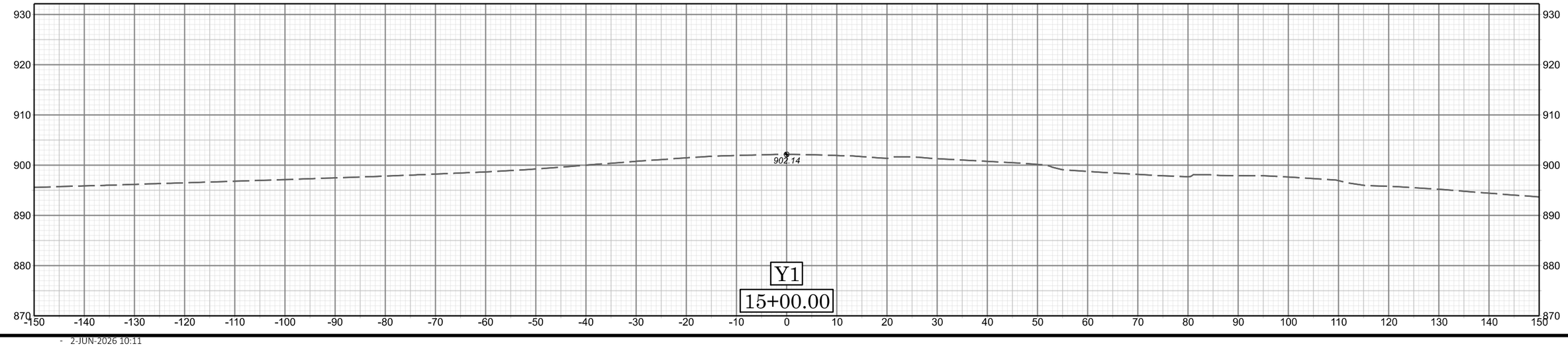
940
930
920
910
900
890
912.63
Y1
13+50.00
916.10
Y1
13+00.00
919.53
Y1
12+50.00
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
0
10
20
095
X
HL-0065

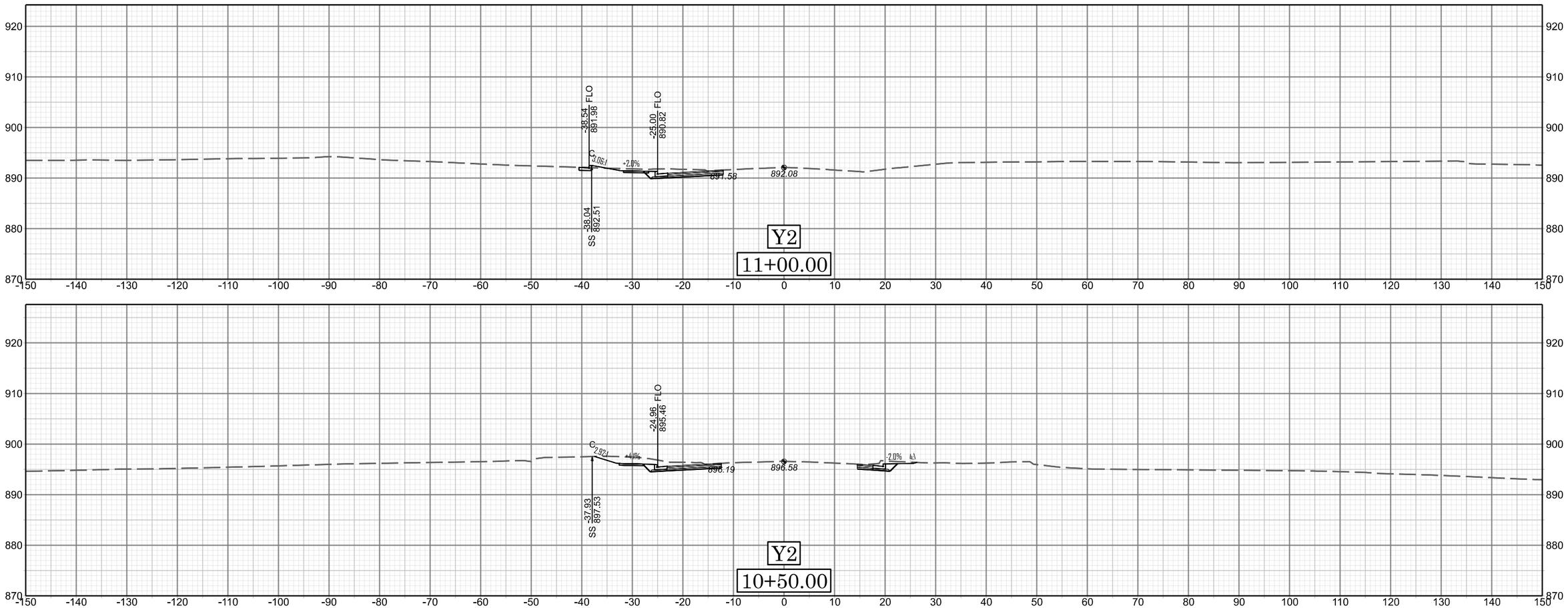

940
930
920
910
900
890
880
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
31.00 FLO
904.62
41.09 SS
904.75
-2.0%
4:1
905.76
905.46
F
Y1
14+50.00
24.48 FLO
908.28
909.23
908.98
2.0%
4:1
UNDERCUT EXCAVATION
Y1
14+00.00
20
10
0
X 960
HL-0065

0 10 20

X 097

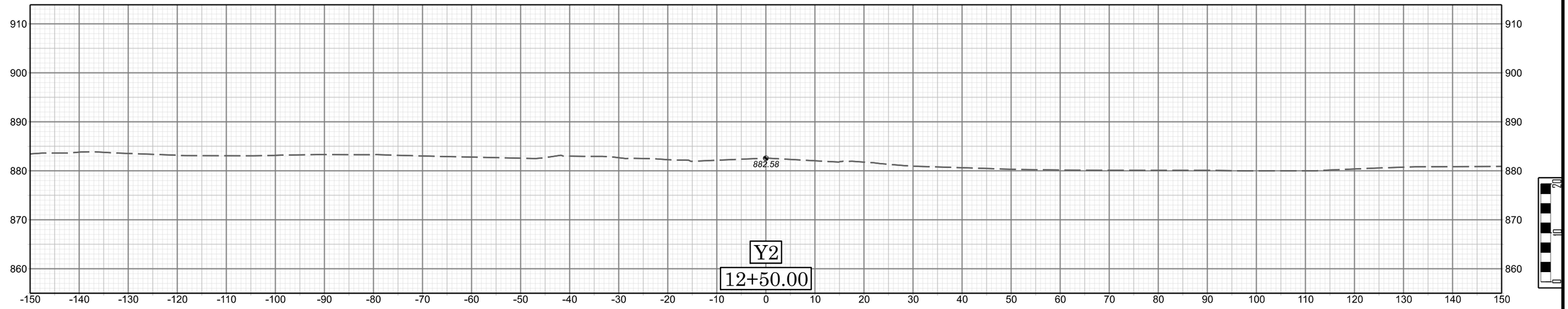
HL-0065

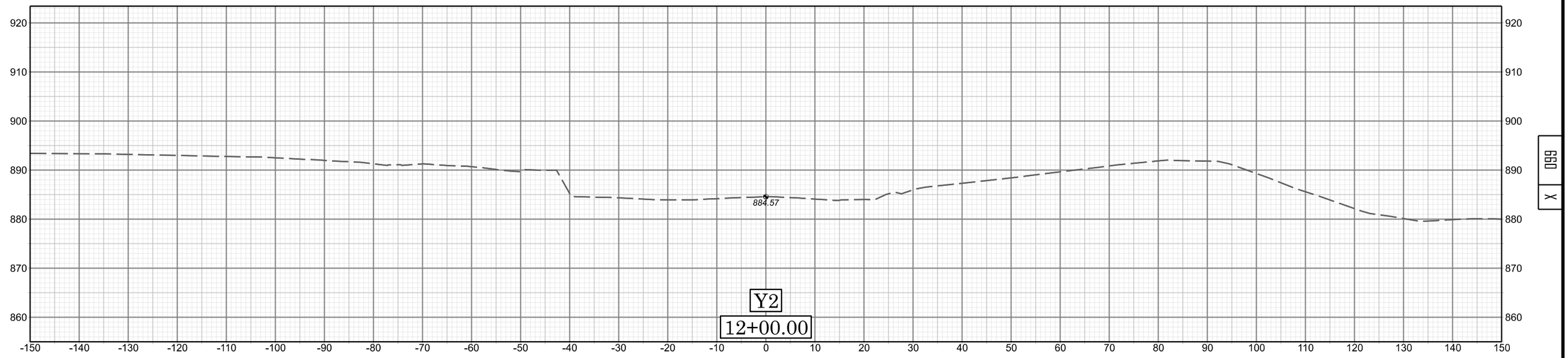


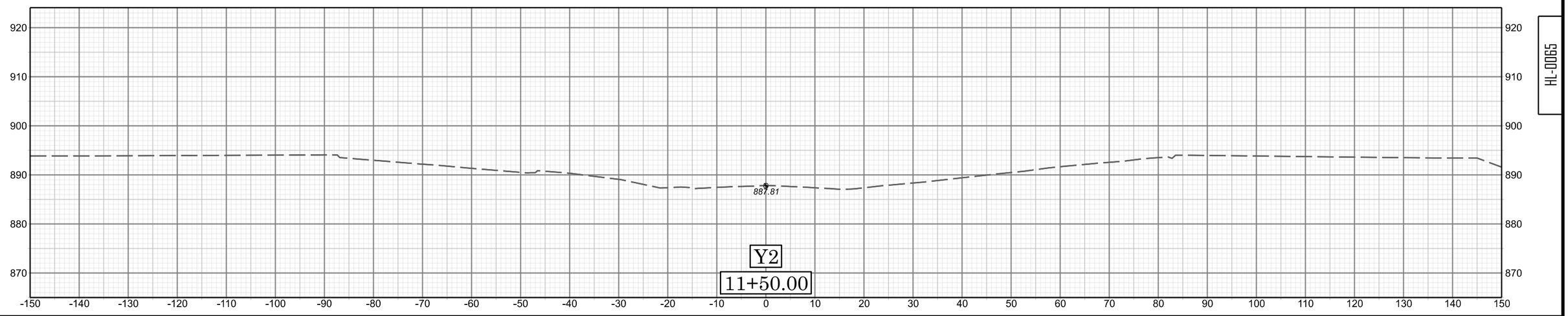

-38.54
891.96
FLO
-25.00
890.82
FLO
+2.0%
892.08
-38.04
892.51
SS
Y2
11+00.00

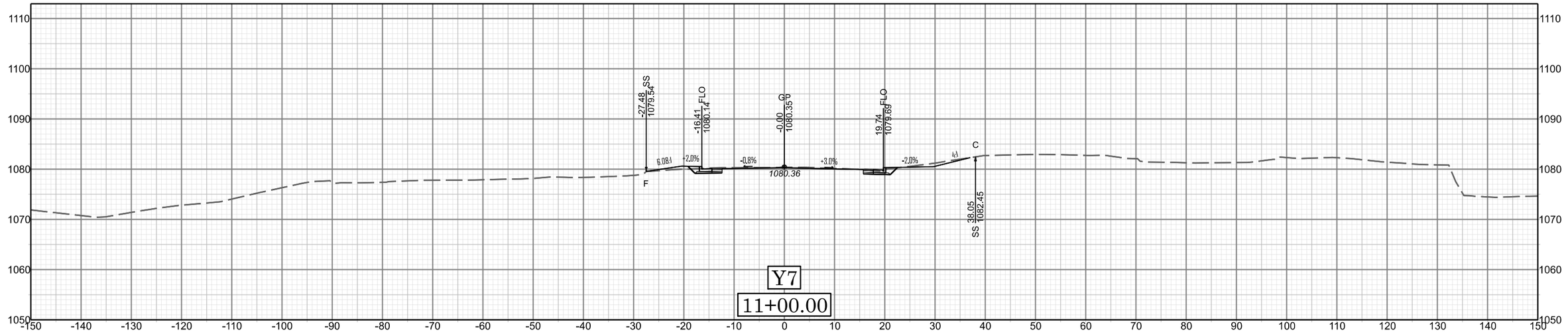
-24.96
895.46
FLO
+4.0%
896.58
-7.0%
-37.93
897.53
SS
Y2
10+50.00

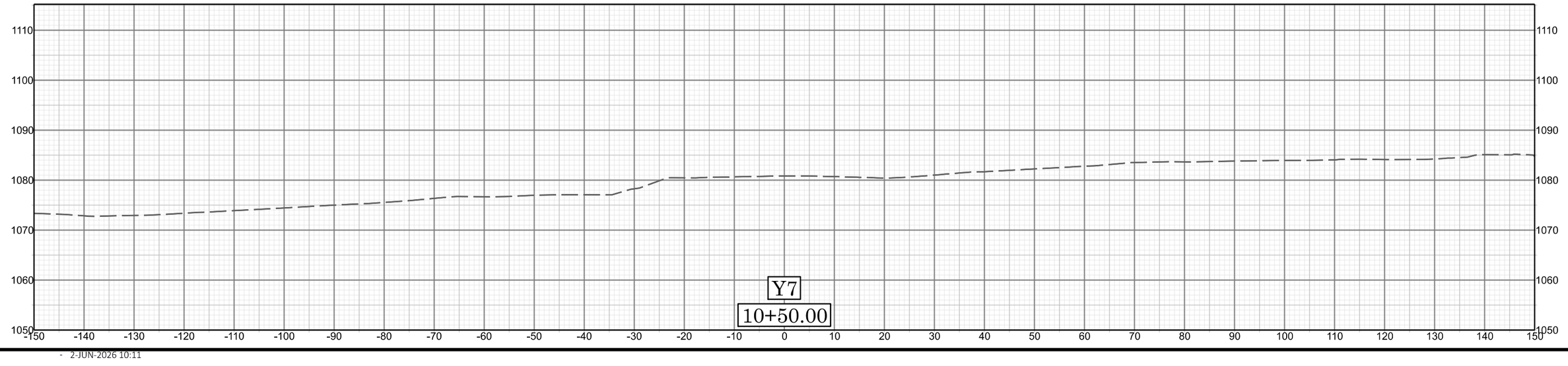
900.55
Y2
10+00.00

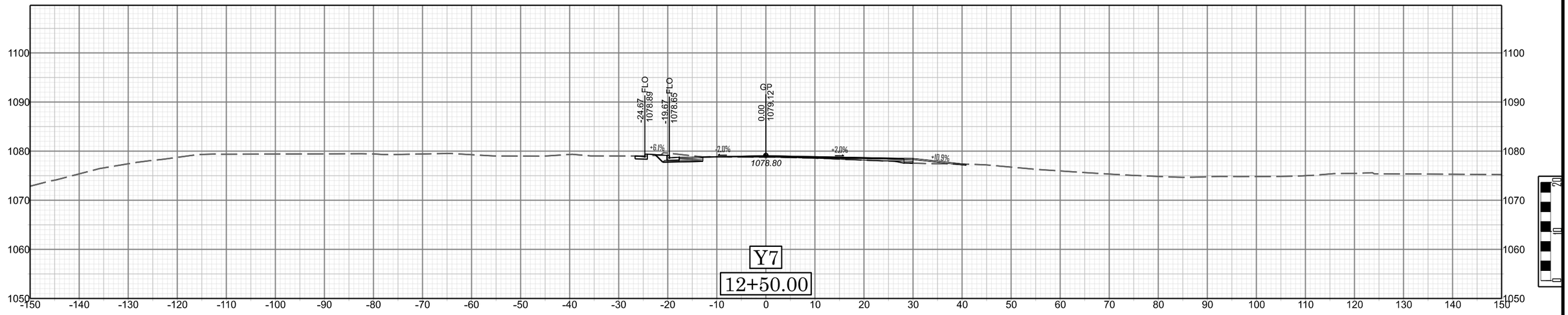

882.58
Y2
12+50.00

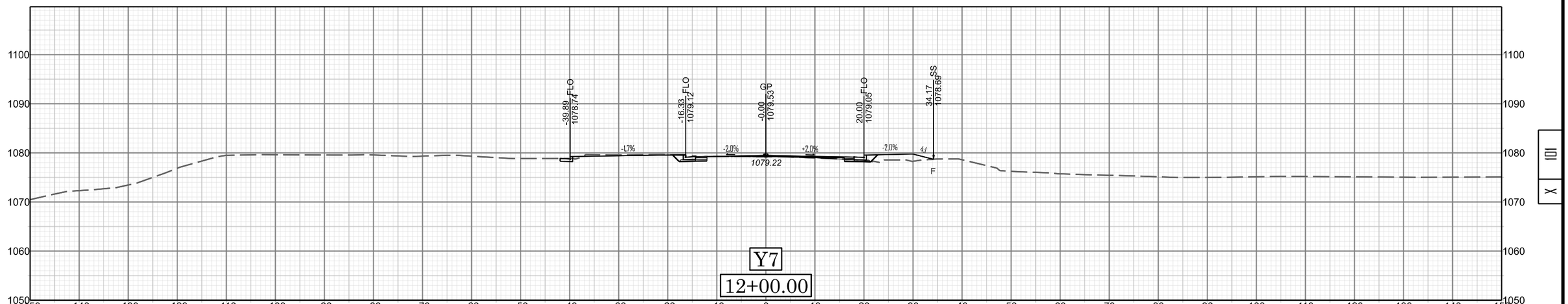

884.57
Y2
12+00.00

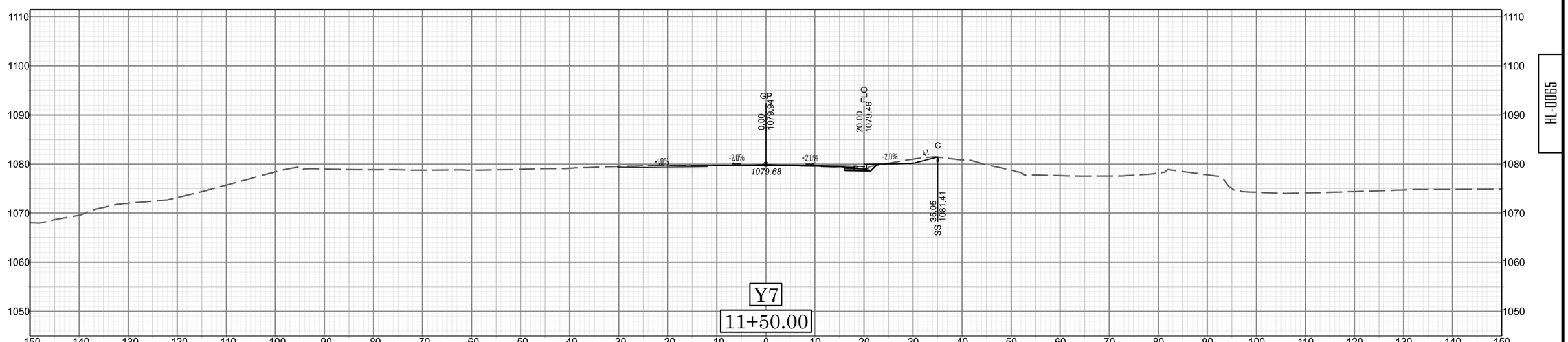

887.81
Y2
11+50.00

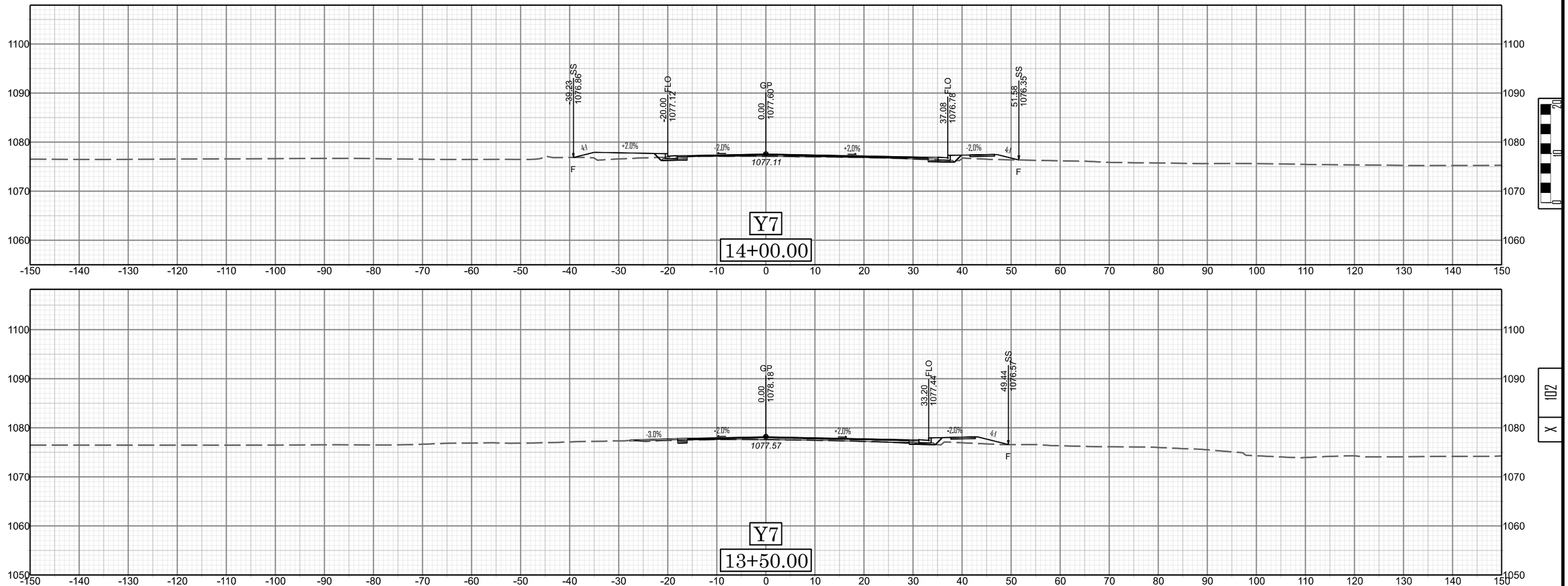

-27.48
1079.54
SS
-16.41
1080.14
FLO
-0.00
1080.35
Q
19.74
1079.69
FLO
38.05
1082.45
SS
C
F
6.08:1
4:1
+2.0%
-0.8%
+3.0%
-2.0%
1080.36
Y7
11+00.00

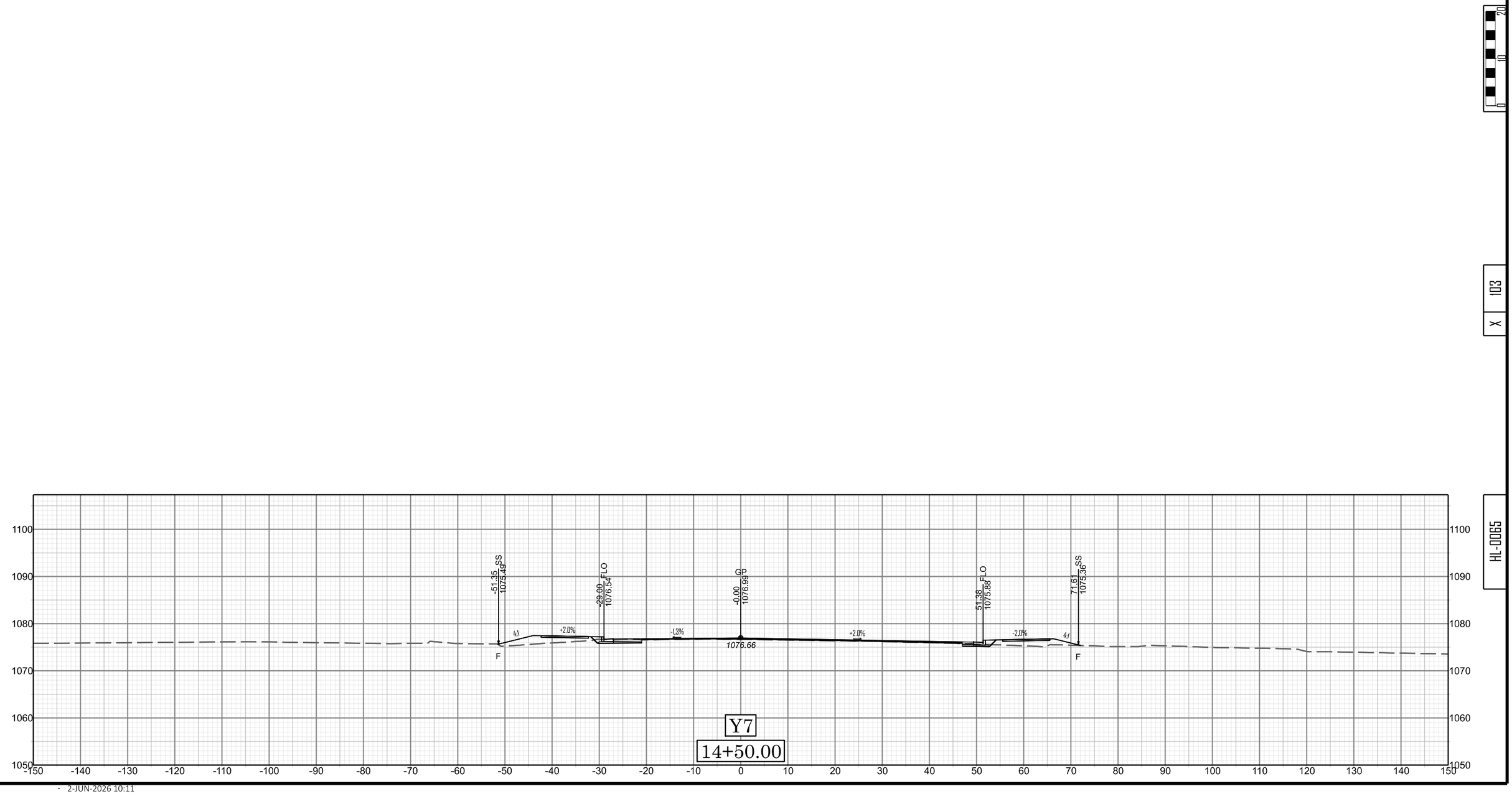

Y7
10+50.00

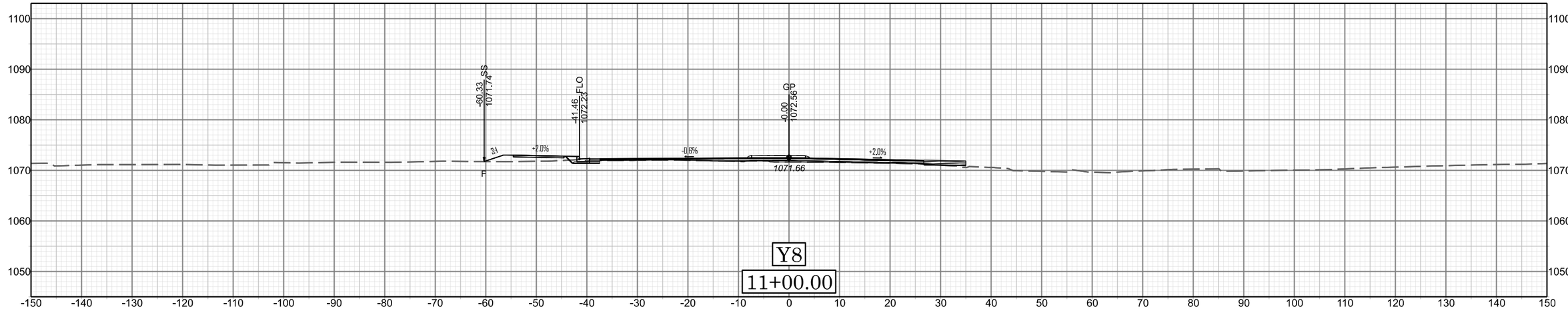

-24.67 FLO 1078.89
-19.67 FLO 1078.63
0.00 G 1079.12
+6.0%
-2.0%
+2.0%
+10.5%
1078.80
Y7
12+50.00


-39.89 FLO 1078.74
-16.33 FLO 1079.12
0.00 G 1079.53
20.00 FLO 1079.05
34.17 SS 1078.69
-1.7%
-2.0%
+2.0%
-2.0%
4:1
F
1079.22
Y7
12+00.00


0.00 G 1079.94
20.00 FLO 1079.46
-1.0%
-2.0%
+2.0%
-2.0%
4:1
C
1079.68
SS 35.05 1081.41
Y7
11+50.00

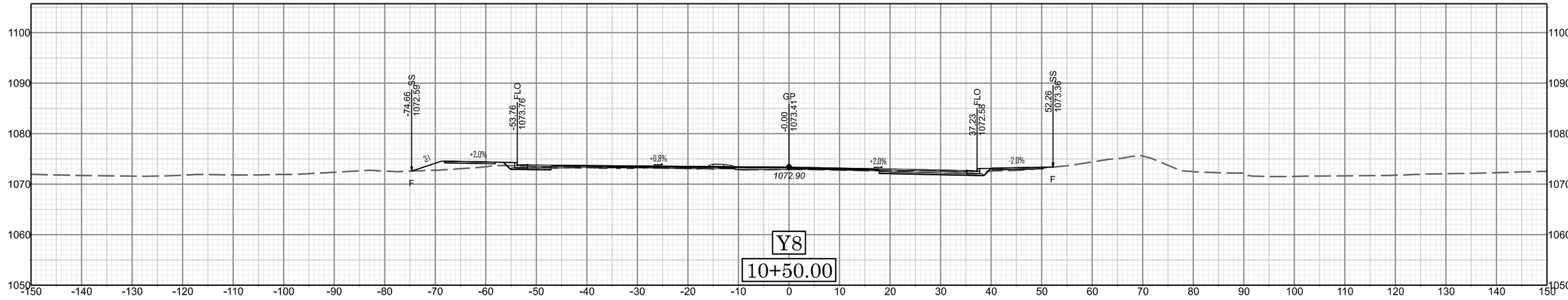

-39.23 1076.86 SS
-20.00 1077.12 FLO
0.00 1077.60 C
37.08 1076.78 FLO
51.58 1076.35 SS
4:1
+2.0%
-2.0%
+2.0%
-2.0%
4:1
1077.11
F
F
Y7
14+00.00
-28.17 1078.22 FLO
-20.00 1078.21 FLO
0.00 1078.69 C
32.00 1077.97 FLO
50.51 1076.53 SS
0.2%
+2.0%
-2.0%
+2.0%
-2.0%
4:1
1078.20
F
Y7
13+50.00
0.00 1078.18 C
33.20 1077.44 FLO
49.44 1076.57 SS
-3.0%
-2.0%
+2.0%
-2.0%
4:1
1077.57
F
Y7
13+00.00
1100
1090
1080
1070
1060
1050
-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
0
10
20
X
102
HL-0065


0
10
20
X
103
HL-0065
1100
1090
1080
1070
1060
1050
-51.35
1075.42
SS
-29.00
1076.54
FLO
-0.00
1076.99
G
51.38
1075.88
FLO
71.61
1075.36
SS
4:1
+2.0%
-1.3%
+2.0%
-2.0%
4:1
1076.66
F
F
-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
Y7
14+50.00



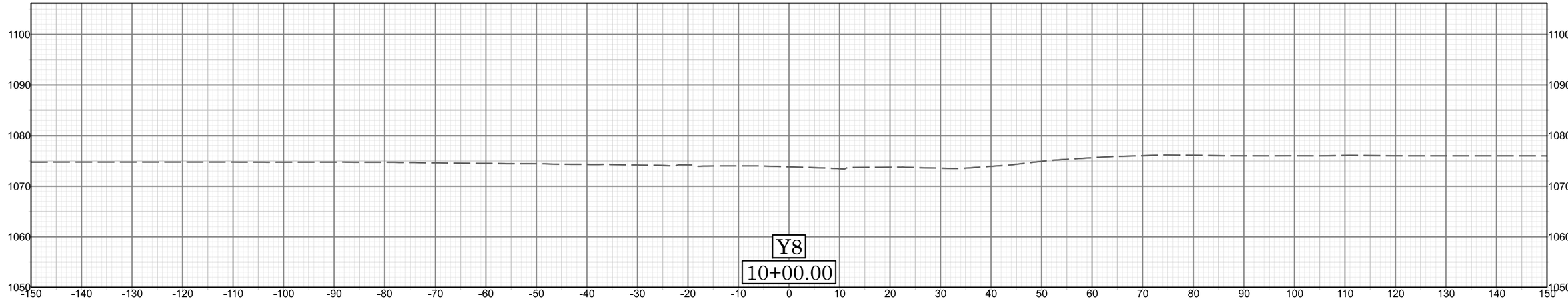
Y8

11+00.00



Y8

10+50.00

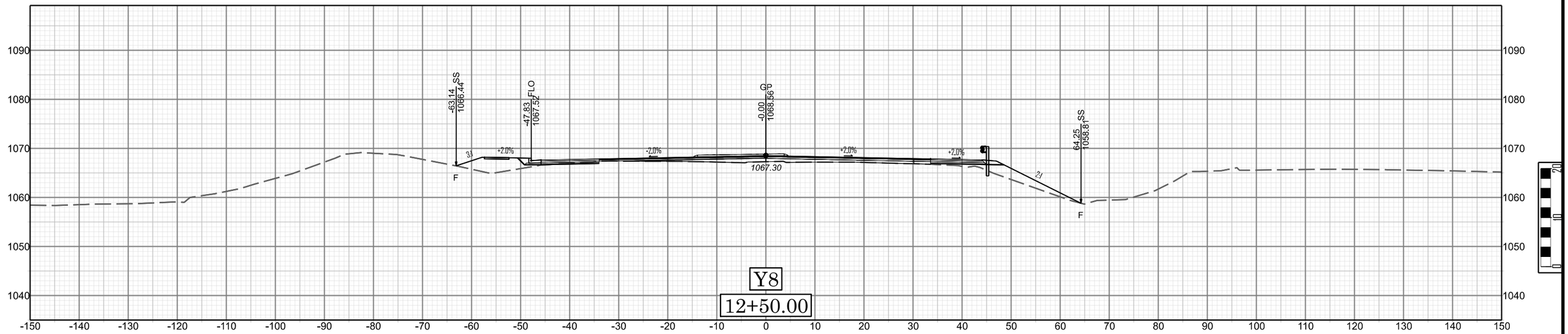


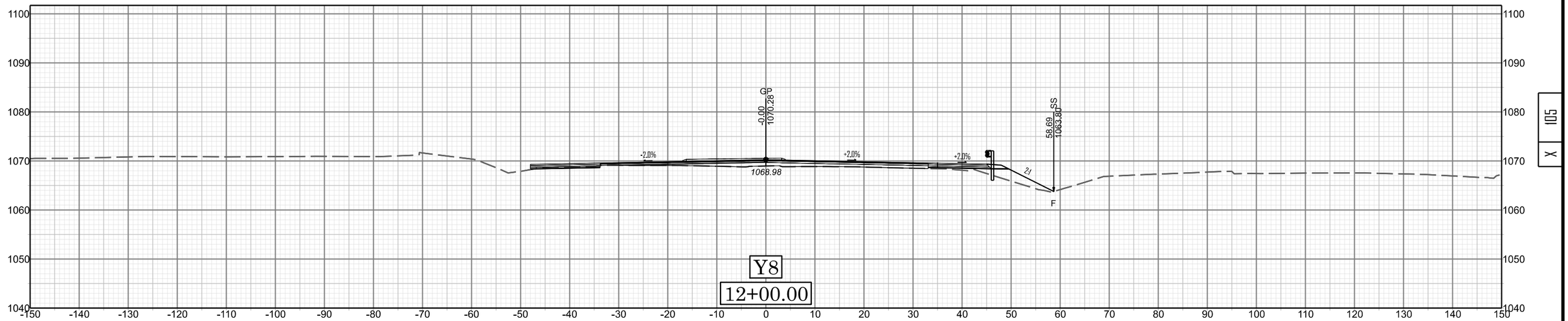
Y8

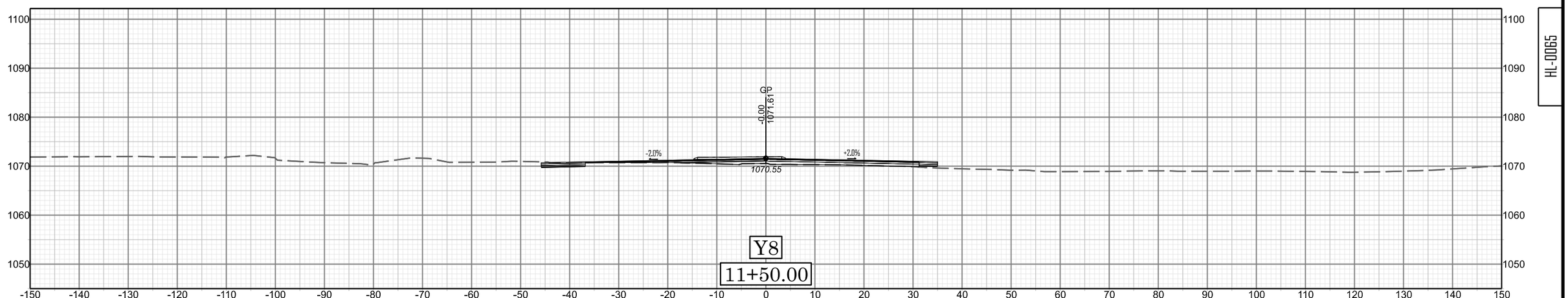
10+00.00

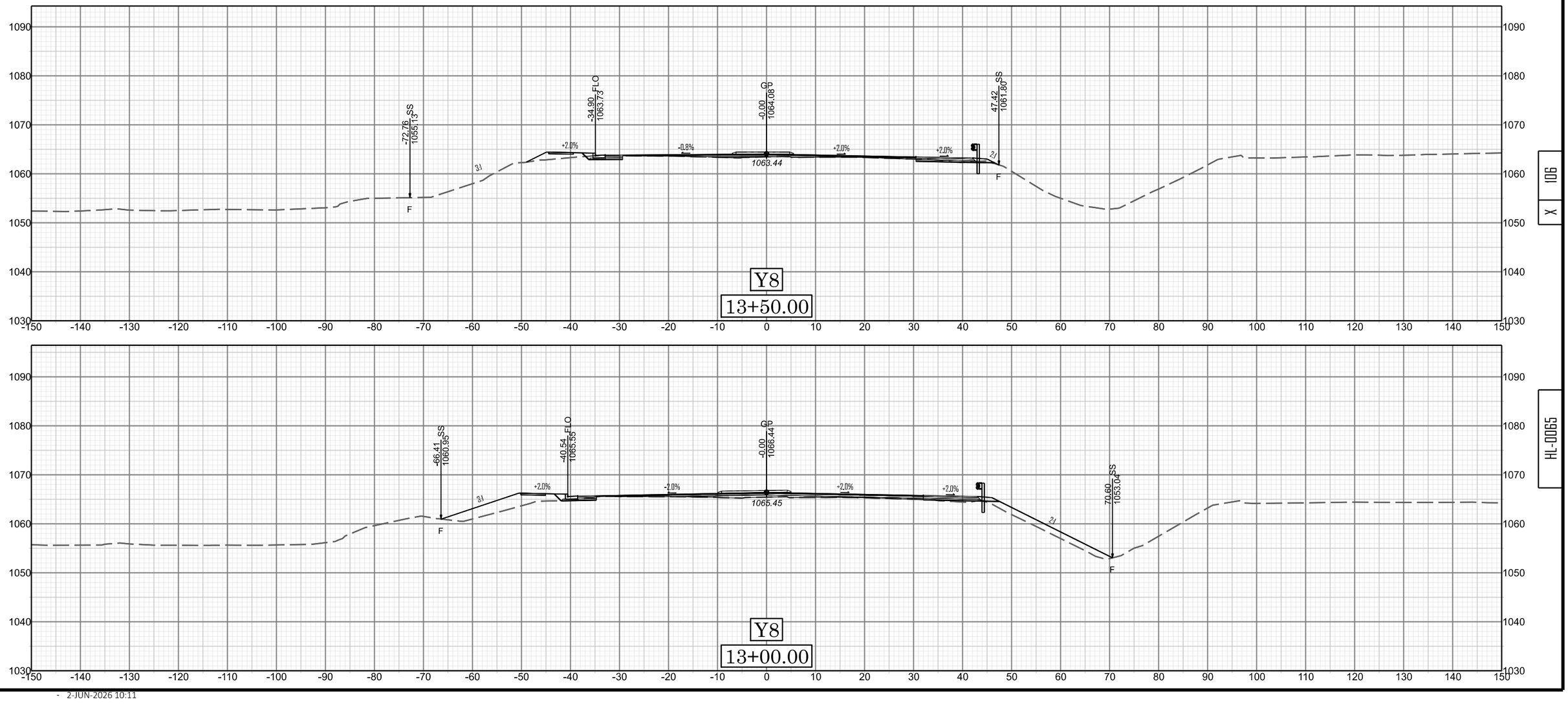
X 104

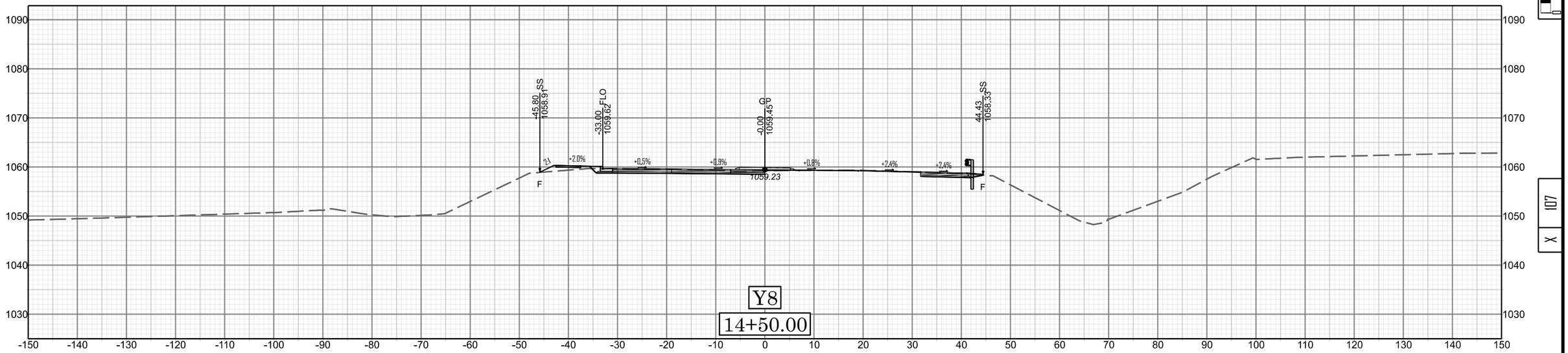
HL-0065


-63.14
1066.44
SS
-47.83
1067.52
FLO
-0.00
1068.56
G
64.25
1058.81
SS
3:1
+2.0%
-2.0%
+2.0%
+2.0%
2:1
1067.30
F
F
Y8
12+50.00


-0.00
1070.28
G
58.69
1063.80
SS
-2.0%
+2.0%
+2.0%
2:1
1068.98
F
Y8
12+00.00

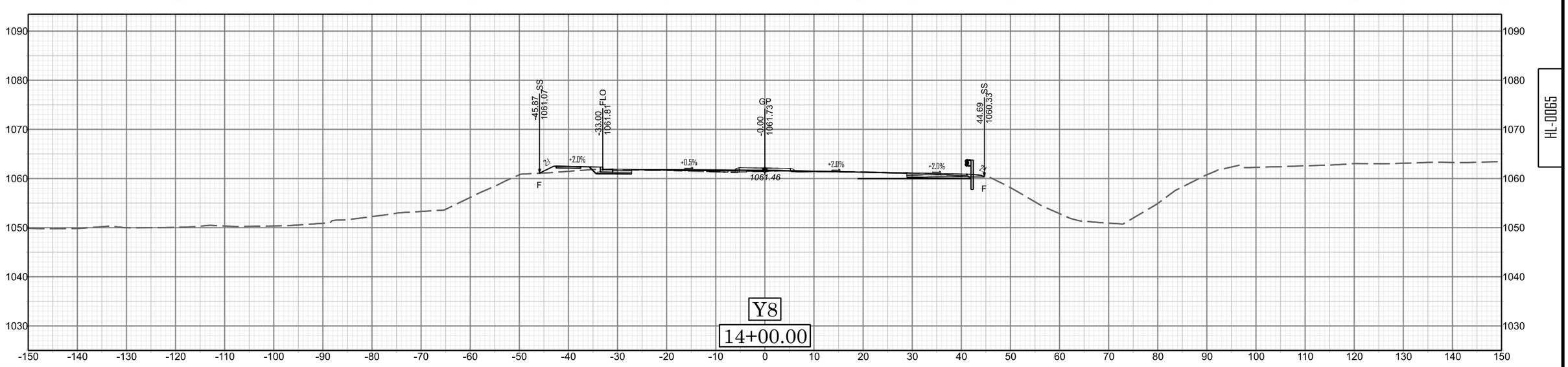

-0.00
1071.61
G
-2.0%
+2.0%
1070.55
Y8
11+50.00


1090
1080
1070
1060
1050
1040
1030
-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
-72.76
1055.13
SS
-34.90
1063.73
FLO
-0.00
1064.08
G
47.42
1061.80
SS
+2.0%
-0.8%
+2.0%
+2.0%
3:1
2:1
1063.44
F
F
Y8
13+50.00
-66.41
1060.95
SS
-40.54
1065.55
FLO
-0.00
1066.44
G
70.60
1053.04
SS
+2.0%
-2.0%
+2.0%
+2.0%
3:1
2:1
1065.45
F
F
Y8
13+00.00
0
10
20
X
106
HL-0065



Y8

14+50.00



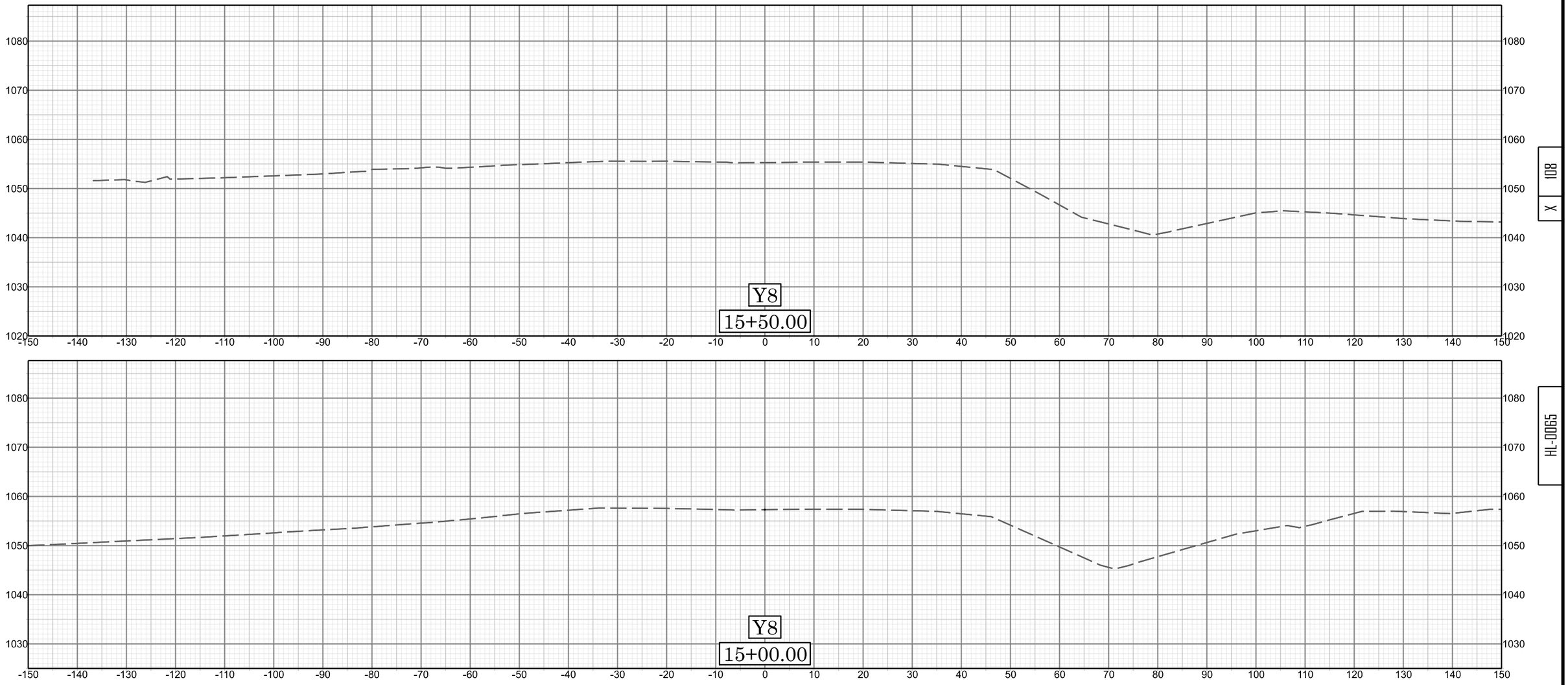
Y8

14+00.00

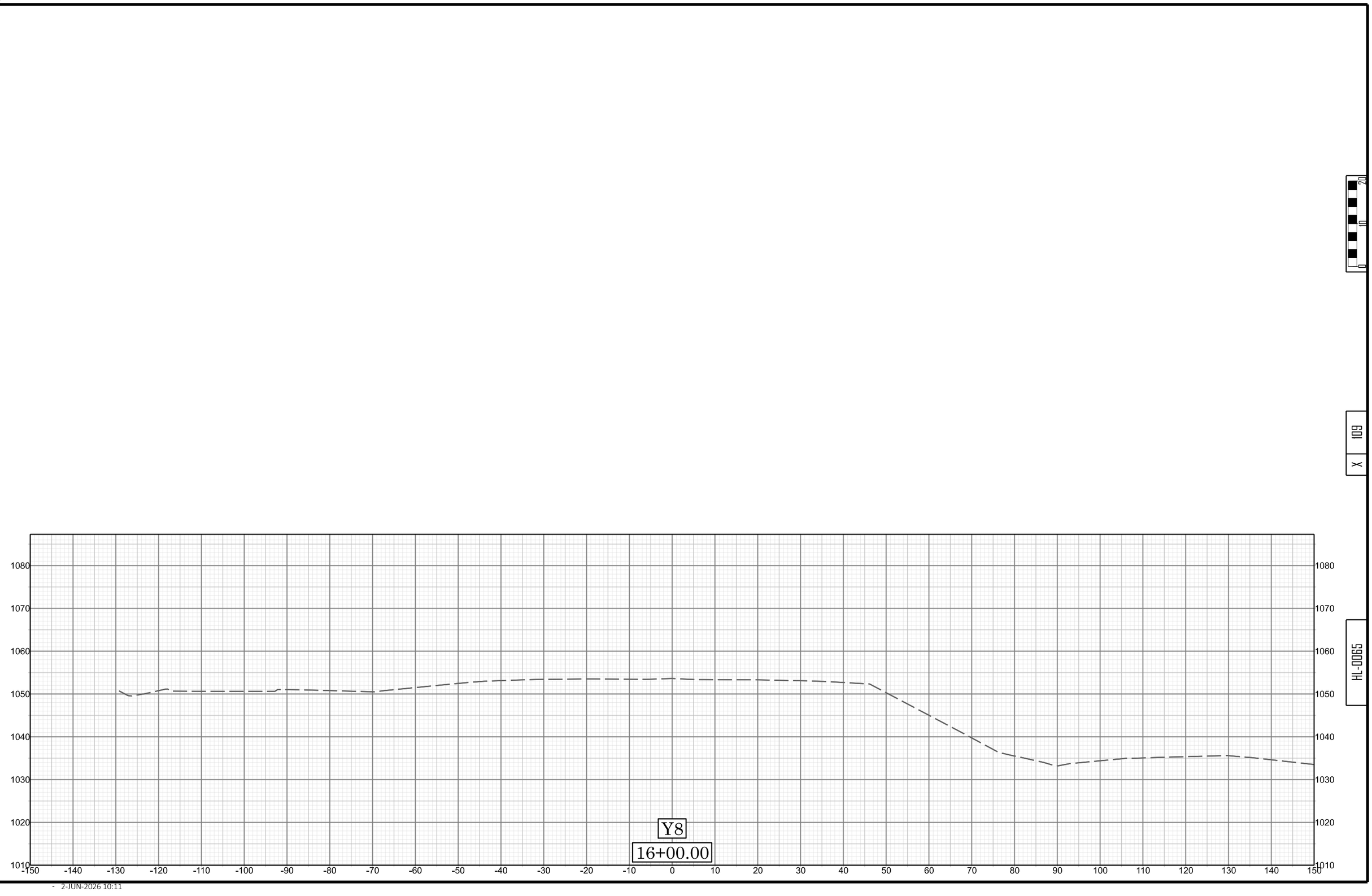
20
10
0

X 107

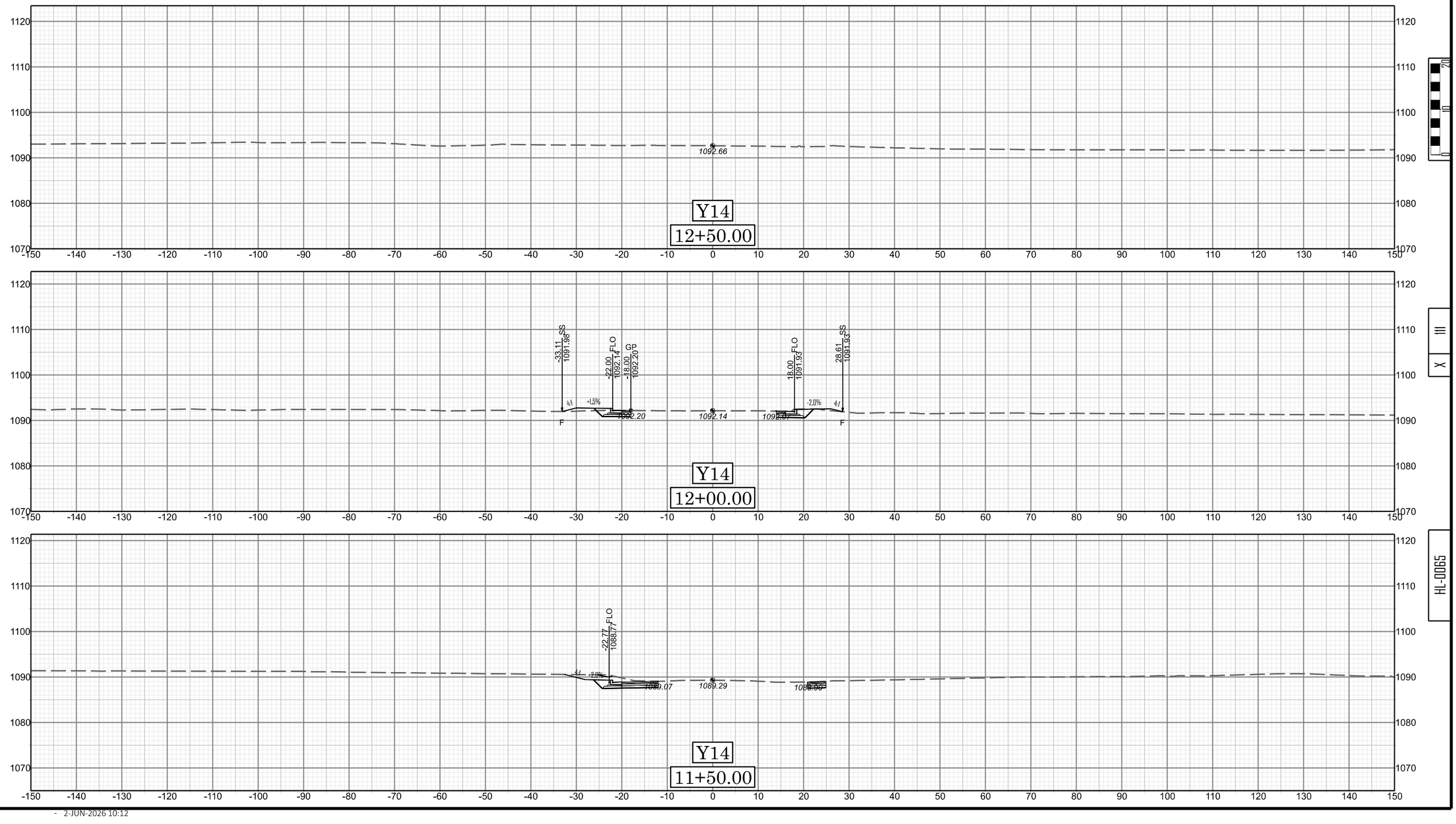
HL-0065

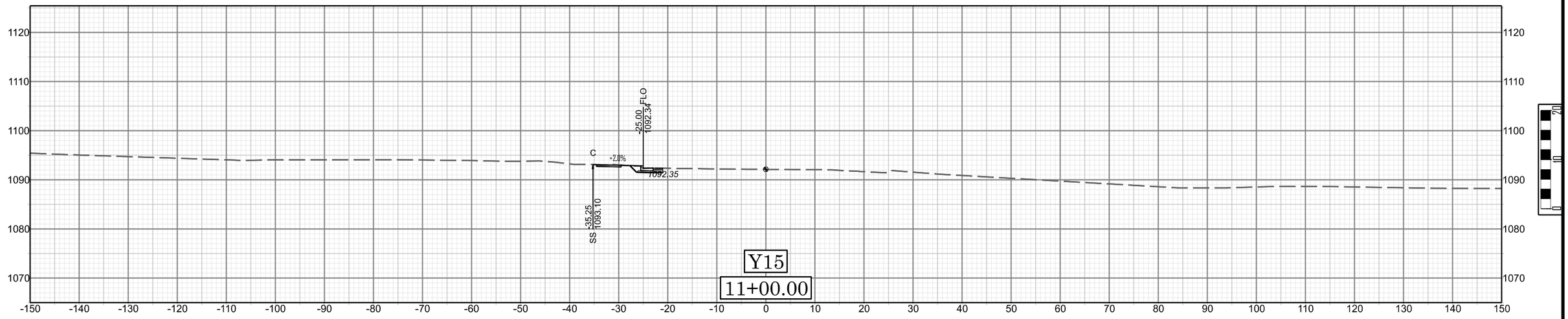

1080
1070
1060
1050
1040
1030
1020
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
Y8
15+50.00
Y8
15+00.00
0
10
20
X
108
HL-0065

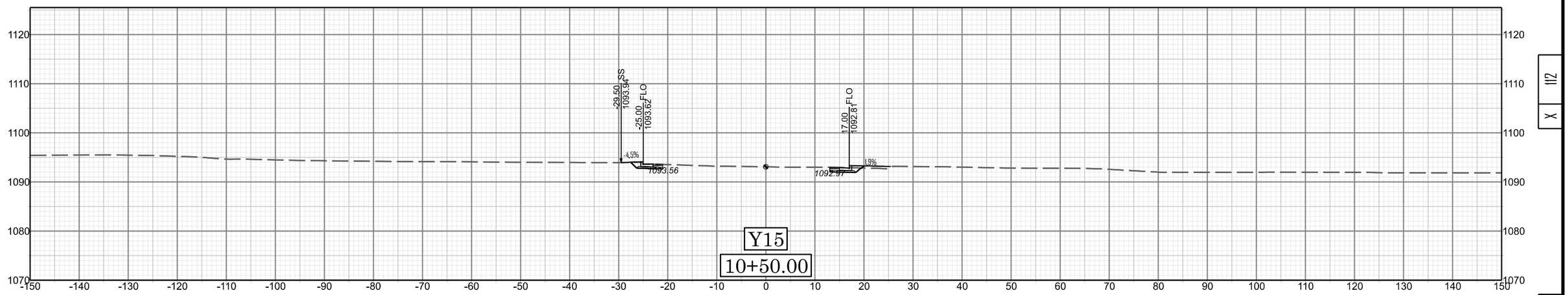
11/14/23

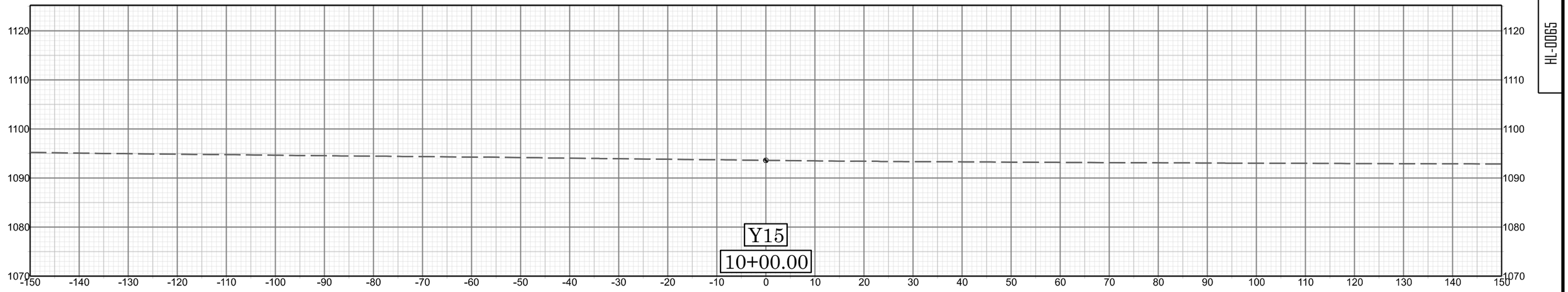

0
10
20
X
609
HL-0065
1080
1070
1060
1050
1040
1030
1020
1010
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
Y8
16+00.00

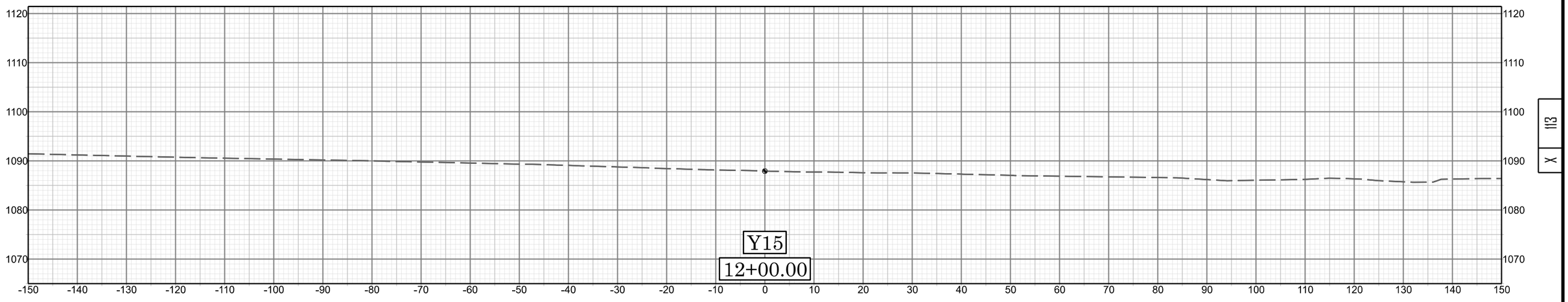
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
C
4.98:1
+2.7%
19.39
FLO
1084.66
1085.12
1085.52
1085.58
-2.2%
3.07:1
14.92
FLO
1084.68
32.12
SS
1082.29
F
30.71
SS
1086.16
Y14
11+00.00
26.27
SS
1082.80
+2.0%
15.13
FLO
1082.88
1083.26
1083.49
13.17
FLO
1082.77
-2.0%
C
21.67
SS
1083.54
Y14
10+50.00
1084.08
Y14
10+00.00
20
10
0
X
110
HL-0065

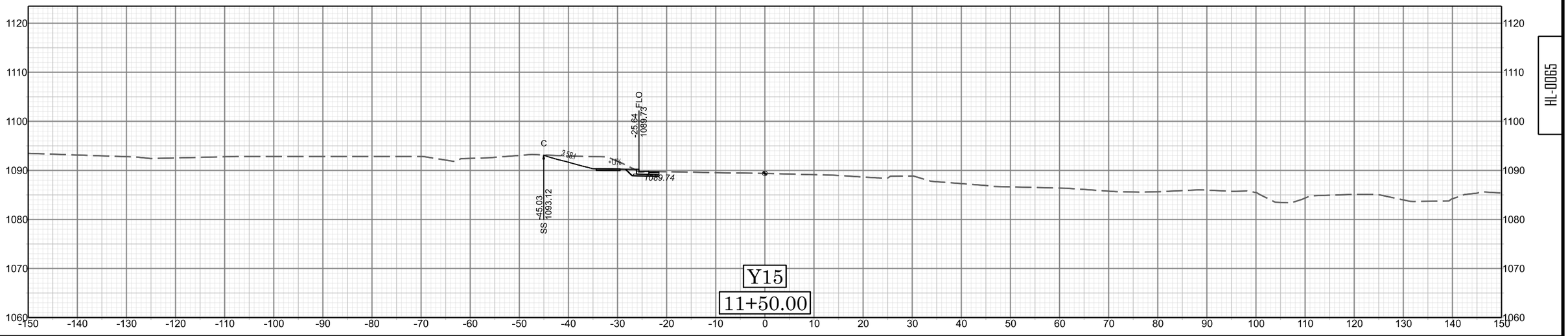

1092.66
Y14
12+50.00
-33.11 SS 1091.98
-22.00 FLO 1092.14
-18.00 G 1092.20
18.00 FLO 1091.93
28.61 SS 1091.93
+1.5%
-2.0%
4:1
F
1092.20
1092.14
1092.07
Y14
12+00.00
-22.77 FLO 1088.77
1088.07
1089.29
1088.50
Y14
11+50.00
1120
1110
1100
1090
1080
1070
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
20
10
0
X
III
HL-0065

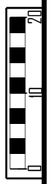

25.00
1092.34
FLO
C
+2.0%
1092.35
35.25
1093.10
SS
Y15
11+00.00


29.50
1093.94
SS
25.00
1093.62
FLO
-4.5%
1093.56
17.00
1092.81
FLO
1.5%
1092.97
Y15
10+50.00


Y15
10+00.00


1120
1110
1100
1090
1080
1070
-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
Y15
12+00.00

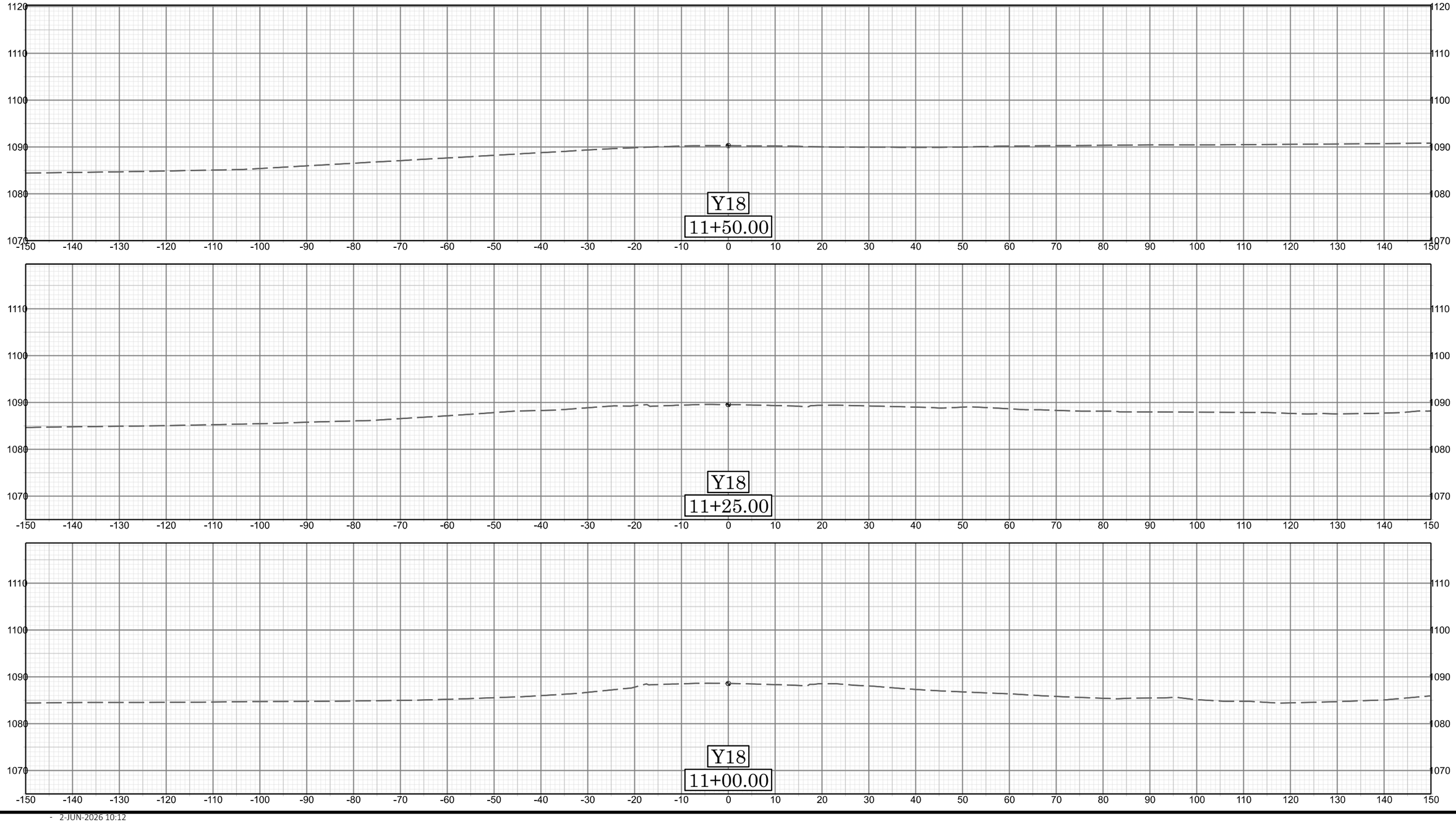

1120
1110
1100
1090
1080
1070
1060
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
C
-25.64 FLO
1089.73
1089.74
SS -45.03
1093.12
Y15
11+50.00


20
10
0

113

X

HL-0065


Y18
11+50.00
Y18
11+25.00
Y18
11+00.00
1120
1110
1100
1090
1080
1070
-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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114
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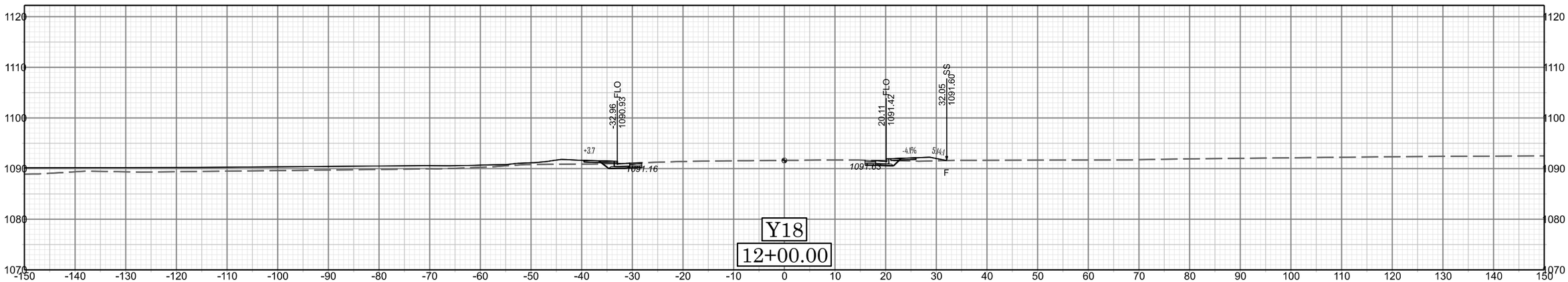
HL-0065

11/14/23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1110
1100
1090
1080
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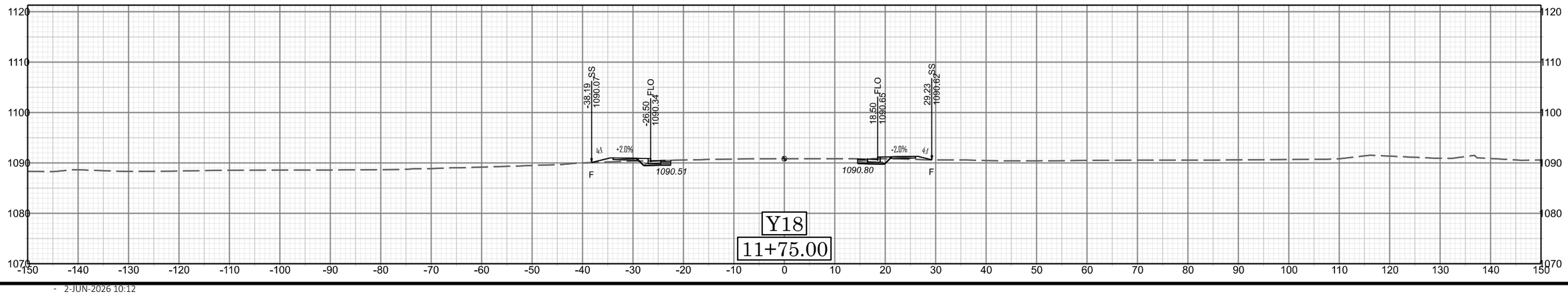
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
-32.96 FLO
1090.93
+3.7
1091.16
20.11 FLO
1091.42
-4.1%
5/4:1
1091.63
32.05 SS
1091.60
F
Y18
12+00.00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1110
1100
1090
1080
1070
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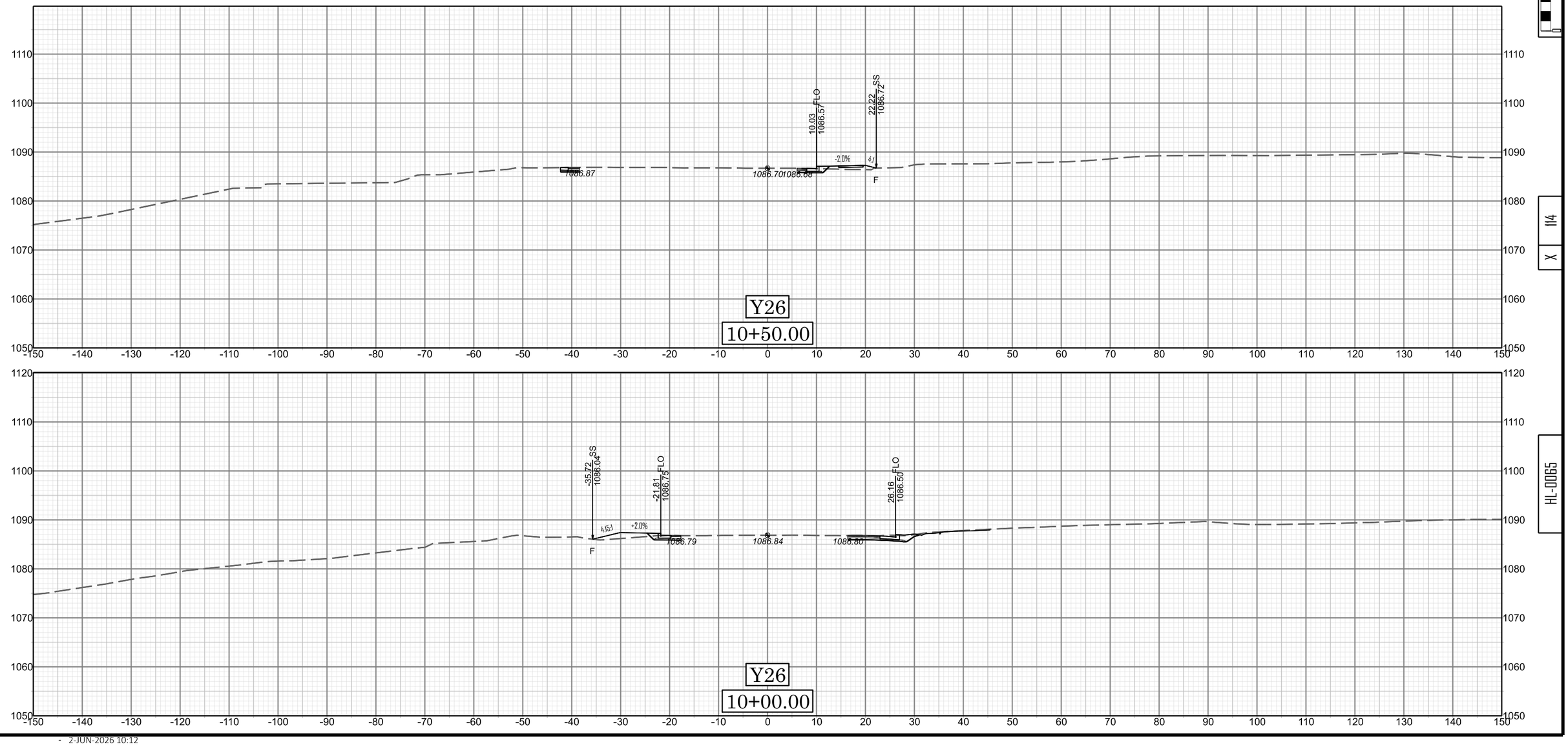
-38.19 SS
1090.07
4:1
+2.0%
F
-26.50 FLO
1090.34
1090.51
18.50 FLO
1090.65
-2.0%
1090.80
29.23 SS
1090.62
4:1
F
Y18
11+75.00

20
10
0
115
X
HL-00065


1110
1100
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1070
1060
1050
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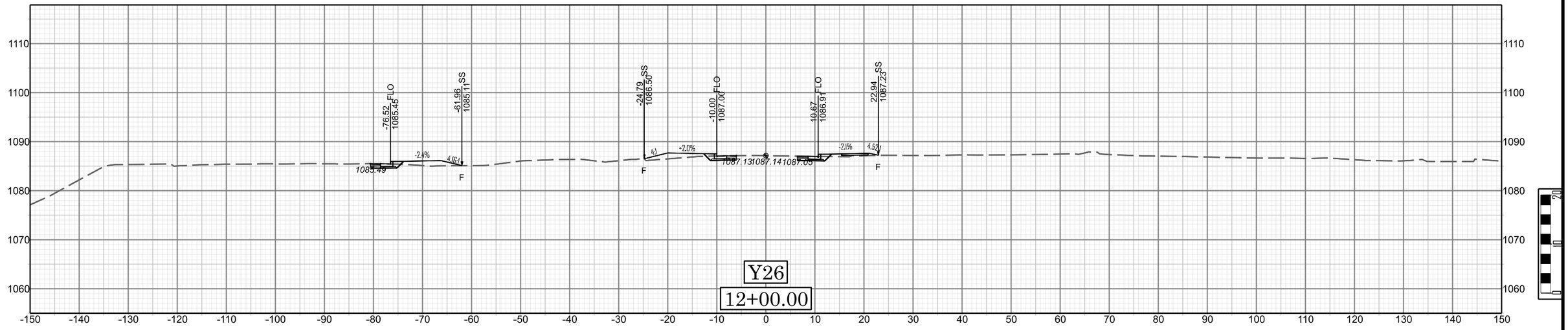
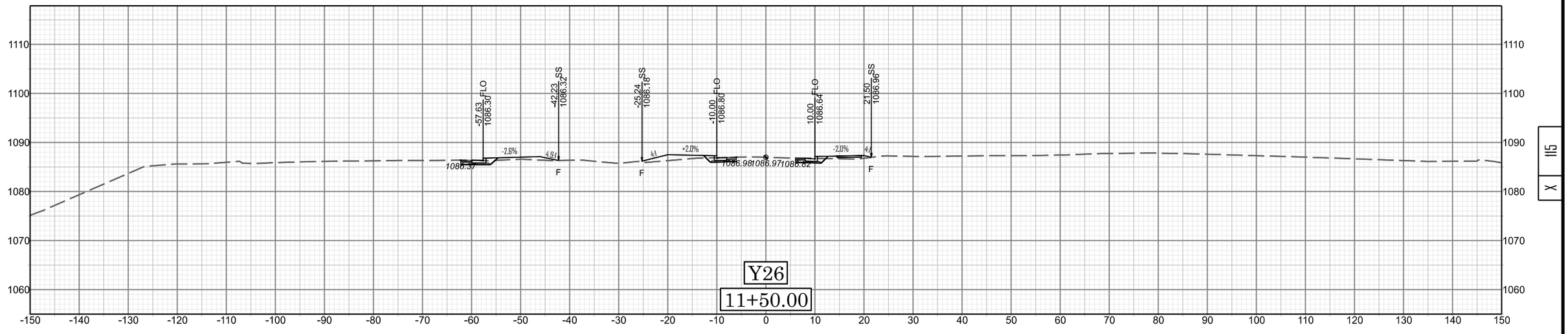
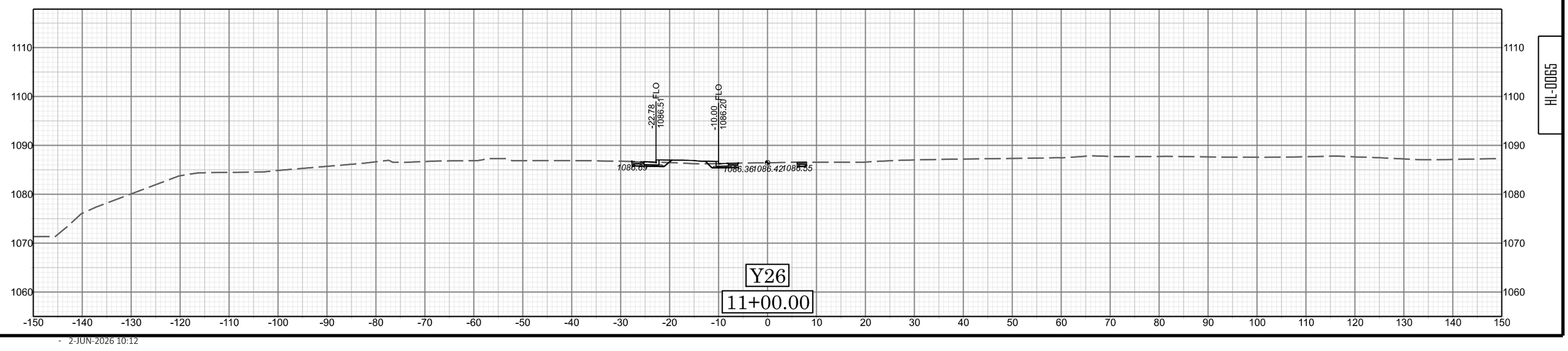
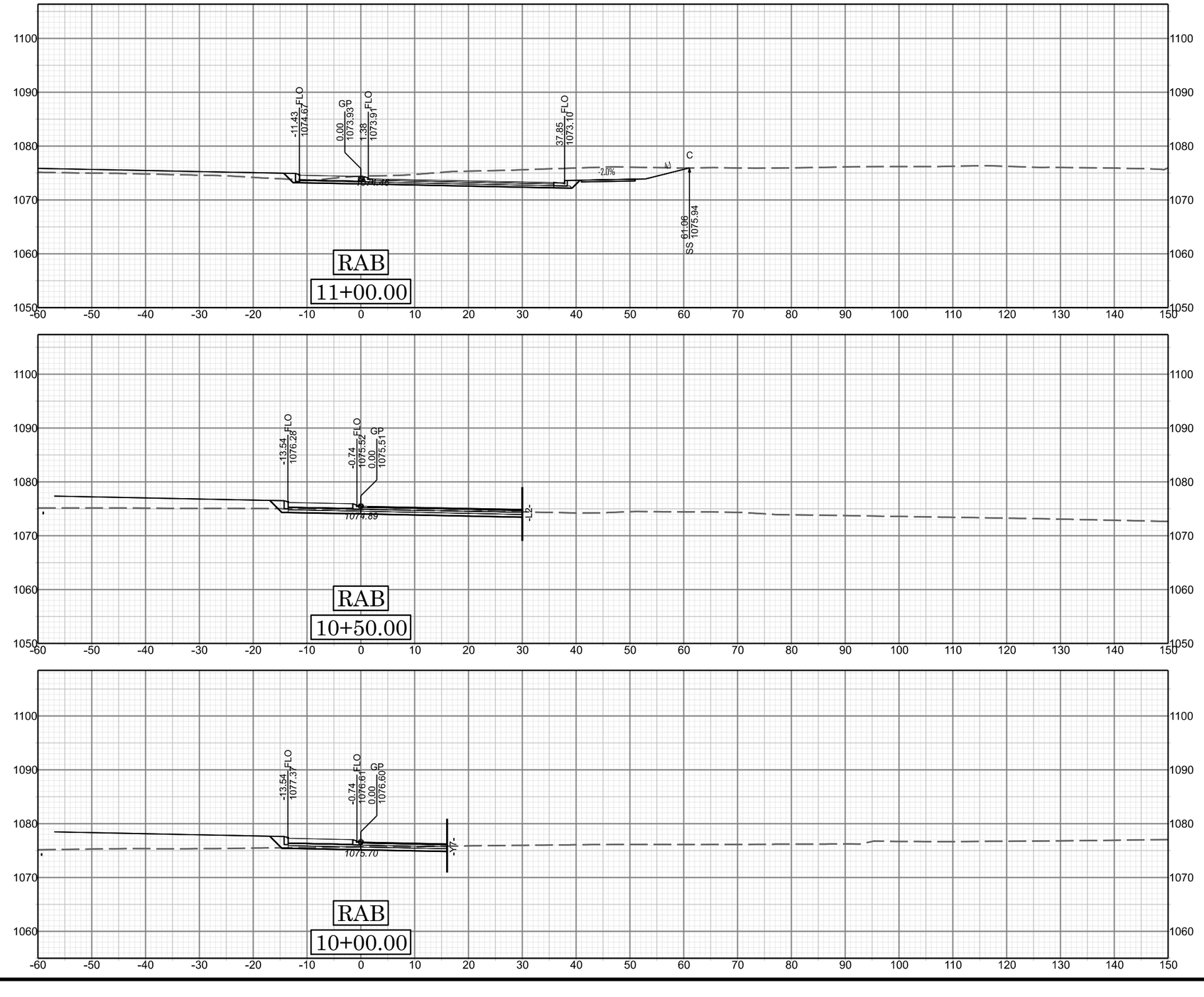
10.03
1086.57 FLO
22.22
1086.72 SS
-2.0%
4|1
1086.87
1086.70
1086.68
F
Y26
10+50.00
1120
1110
1100
1090
1080
1070
1060
1050
-35.72
1086.04 SS
4.15:1
+2.0%
-21.81
1086.75 FLO
26.16
1086.50 FLO
F
1086.79
1086.84
1086.80
Y26
10+00.00
0
10
20
X
114
HL-0065

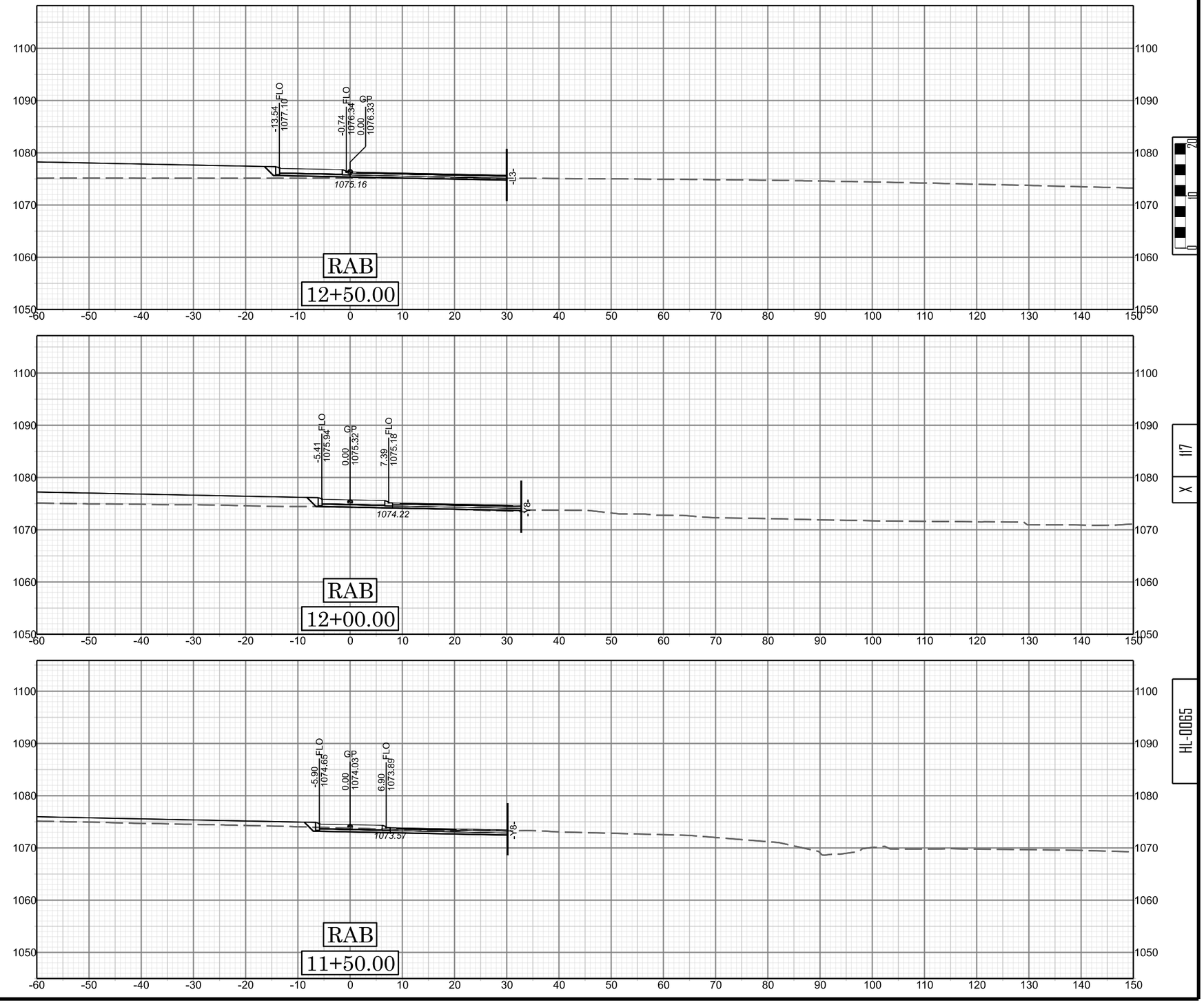

-76.52 FLO 1085.45
-61.96 SS 1085.11
-24.79 SS 1086.50
-10.00 FLO 1087.00
10.67 FLO 1086.91
22.94 SS 1087.23
-2.4%
+2.0%
-2.1%
4.4%
4.5%
4:1
F
1085.49
1087.13
1087.14
1087.05
Y26
12+00.00


-57.63 FLO 1086.30
-42.23 SS 1086.32
-25.24 SS 1086.18
-10.00 FLO 1086.80
10.00 FLO 1086.64
21.50 SS 1086.96
-2.6%
+2.0%
-2.0%
4.9%
4.4%
4:1
F
1086.37
1086.98
1086.97
1086.82
Y26
11+50.00


-22.78 FLO 1086.51
-10.00 FLO 1086.20
1086.09
1086.36
1086.42
1086.35
Y26
11+00.00

HL-0065


-11.43
FLO
1074.67
0.00
GP
1073.93
1.38
FLO
1073.91
37.85
FLO
1073.10
-2.0%
61.06
SS
1075.94
RAB
11+00.00
-13.54
FLO
1076.28
-0.74
FLO
1075.52
0.00
GP
1075.51
1074.89
RAB
10+50.00
-13.54
FLO
1077.37
-0.74
FLO
1076.61
0.00
GP
1076.60
1076.70
RAB
10+00.00
1100
1090
1080
1070
1060
1050
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150


-13.54 FLO 1077.10
-0.74 FLO 1076.34
0.00 G 1076.33
1075.16
-L3-
RAB
12+50.00
-5.41 FLO 1075.94
0.00 G 1075.32
7.39 FLO 1075.18
1074.22
-Y8-
RAB
12+00.00
-5.90 FLO 1074.65
0.00 G 1074.03
6.90 FLO 1073.89
1073.57
-Y8-
RAB
11+50.00
1100
1090
1080
1070
1060
1050
-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
0 10 20
X 117
HL-0065

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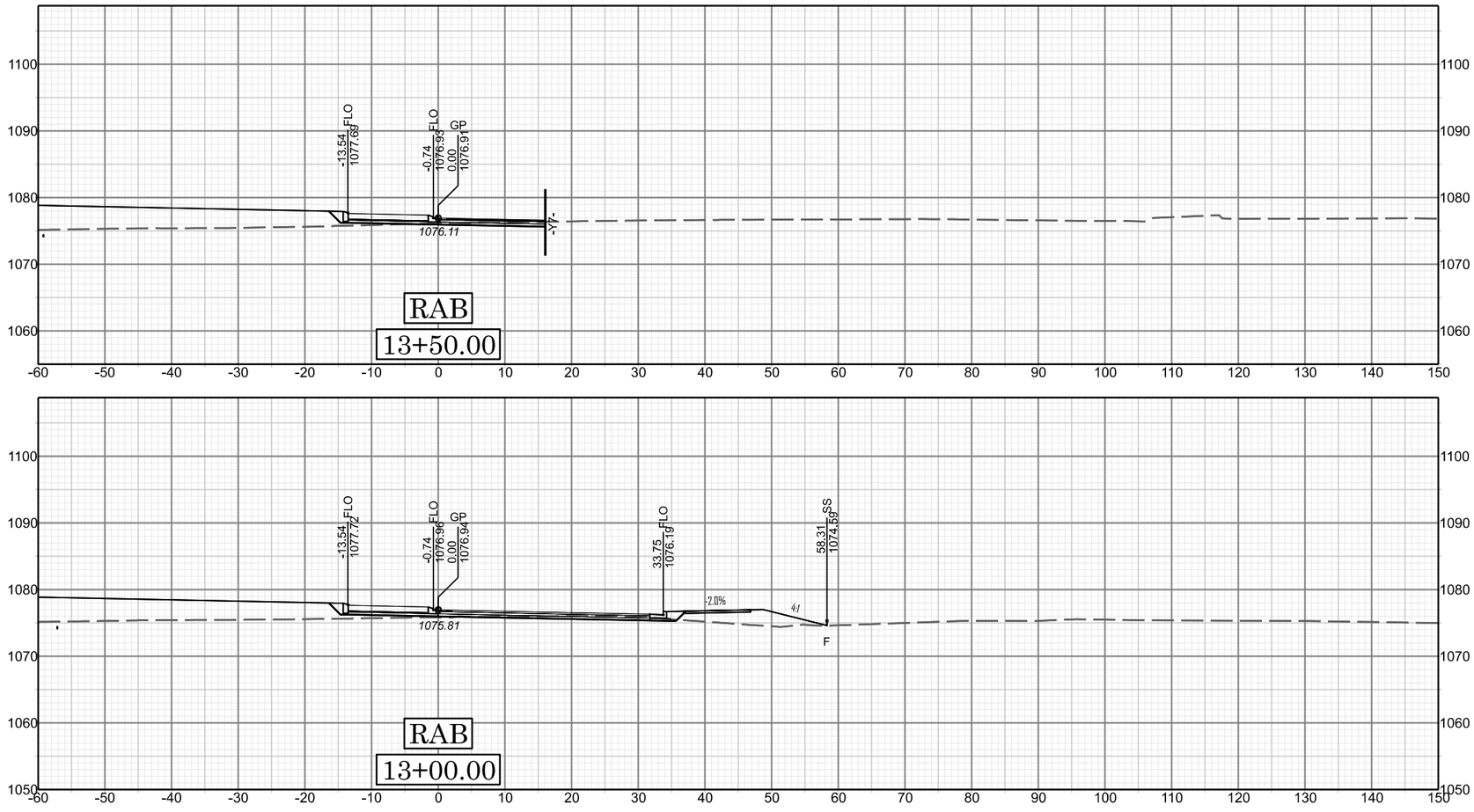
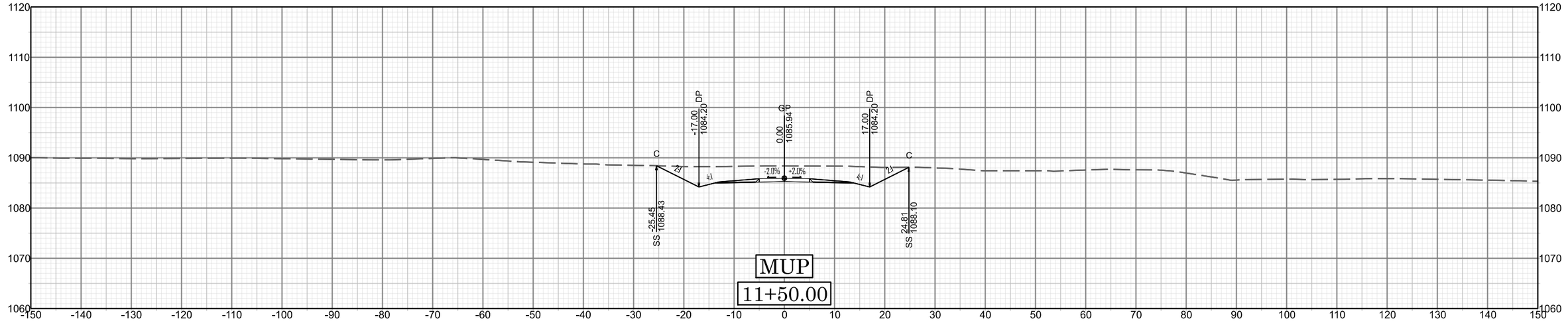
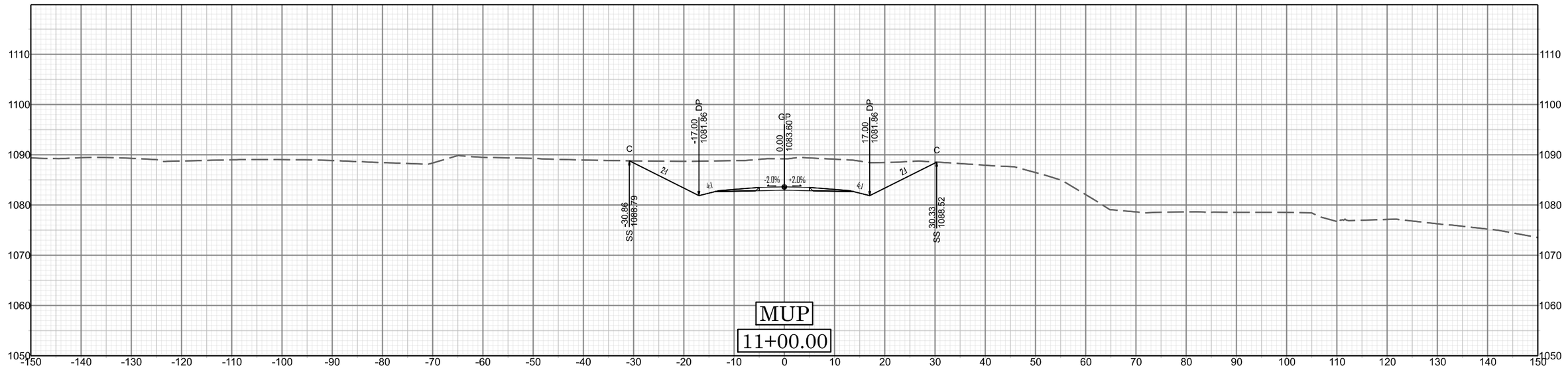


20
10
0
X
811
HL-0065

1120
1110
1100
1090
1080
1070
1060
1050
-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
C
17.00 DP
1079.38
0.00 G
1081.12
17.00 DP
1079.38
C
2:1
4:1
-2.0%
+2.0%
4:1
2:1
SS -36.25
1089.00
SS 22.23
1081.99
MUP
10+50.00
MUP
10+00.00
0
10
20
X
119
HL-0065

11/14/23





0 10 20

X 120

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