

CROSS SECTIONS INDEX

SECTIONS

CROSS SECTION INDEX SHEET
CROSS SECTION SUMMARY SHEET
-L- STA. 12+25.00 TO STA. 25+75.00
-Y4- STA. 10+00.00 TO STA. 16+00.00
-L_DET- STA. 10+25.00 TO STA. 24+25.00
-L_DET_EB- STA. 12+00.00 TO STA. 24+00.00

SHEET NO's.

X-1A
X-1B
X-1 THRU X-18
X-14 THRU X-18
X-19 THRU X-39
X-40 THRU X-78

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

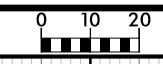
CROSS-SECTION SUMMARY

DETOUR PHASE I			L / Y4 PHASE III						L PHASE IV			DETOUR PHASE V		
Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L_Det	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	Y4	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)
10+25.00	0	0	12+25.00	0	0	10+00.00	0	0	12+25.00	0	0	14+25.00	0	0
10+50.00	9	0	12+50.00	111	3	10+25.00	1	139	12+50.00	168	6	14+50.00	38	0
10+75.00	43	1	12+75.00	141	3	10+50.00	0	263	12+75.00	125	5	14+75.00	50	0
11+00.00	80	4	13+00.00	169	3	10+75.00	0	247	13+00.00	88	3	15+00.00	58	0
11+25.00	82	5	13+25.00	184	3	11+00.00	0	237	13+25.00	96	2	15+25.00	69	0
11+50.00	88	7	13+50.00	198	3	11+39.85	0	299	13+50.00	100	2	15+50.00	88	0
11+75.00	102	8	13+75.00	214	3	11+64.85	0	143	13+75.00	79	1	15+75.00	106	0
12+00.00	122	8	14+00.00	223	4	11+89.85	0	136	14+00.00	49	0	16+00.00	124	0
12+25.00	156	10	14+25.00	229	4	12+14.85	0	124	14+25.00	32	0	16+25.00	138	0
12+50.00	199	14	14+50.00	227	4	12+39.85	0	107	14+50.00	38	0	16+50.00	148	0
12+75.00	231	20	14+75.00	201	4	12+64.85	0	96	14+75.00	50	0	16+75.00	155	0
13+00.00	197	24	15+00.00	137	4	12+89.85	0	89	15+00.00	58	0	17+00.00	152	0
13+25.00	169	29	15+25.00	53	12	13+14.85	0	84	15+25.00	69	0	17+25.00	150	0
13+50.00	194	33	15+50.00	10	53	13+39.85	0	76	15+50.00	88	0	17+50.00	156	0
13+75.00	215	34	15+75.00	8	96	13+64.85	0	67	15+75.00	106	0	17+75.00	161	0
14+00.00	260	34	16+00.00	6	107	13+89.85	0	55	16+00.00	124	0	18+00.00	164	0
14+25.00	342	29	16+25.00	4	91	14+14.85	0	42	16+25.00	138	0	18+25.00	167	0
14+50.00	477	19	16+50.00	4	157	14+39.85	0	31	16+50.00	148	0	18+50.00	163	0
14+75.00	625	15	16+75.00	4	180	14+65.03	0	19	16+75.00	155	0	18+75.00	152	0
15+00.00	724	12	17+00.00	4	100	14+90.07	0	8	17+00.00	87	0	19+00.00	136	0
15+25.00	790	11	17+25.00	5	91	15+00.00	0	1	17+25.00	14	0	19+25.00	91	0
15+50.00	840	8	17+50.00	6	77	15+25.00	0	2	17+50.00	15	0	21+00.00	0	0
15+75.00	864	3	17+75.00	6	91	15+50.00	0	1	17+75.00	13	1	21+25.00	1153	5
16+00.00	821	0	18+00.00	6	129	15+75.00	1	0	18+00.00	11	2	21+50.00	1077	9
16+25.00	718	0	18+25.00	6	144	16+00.00	1	0	18+25.00	12	2	21+75.00	1053	8
16+50.00	624	0	18+50.00	7	187	16+07.00	1	0	18+50.00	10	3	22+00.00	1022	6
16+75.00	524	0	18+75.00	6	277				18+75.00	9	3	22+25.00	981	5
17+00.00	374	0	19+00.00	6	425				19+00.00	10	2	22+50.00	928	13
17+25.00	184	15	19+25.00	5	517				19+25.00	9	3	22+75.00	856	19
17+50.00	43	142	19+50.00	7	457				19+50.00	13	2	23+00.00	765	19
19+00.00	0	0	21+25.00	0	0				21+25.00	0	0	23+25.00	656	17
19+25.00	0	1434	21+50.00	1	441				21+50.00	6	3	23+50.00	534	17
19+50.00	0	1457	21+75.00	2	418				21+75.00	7	2	23+75.00	410	16
19+75.00	0	1436	22+00.00	2	385				22+00.00	10	0	24+00.00	292	15
20+00.00	0	1377	22+25.00	3	340				22+25.00	12	0	24+25.00	180	14
20+25.00	0	1313	22+50.00	3	307				22+50.00	15	0	24+50.00	86	7
20+50.00	0	1266	22+75.00	3	290				22+75.00	21	0			
20+75.00	0	1194	23+00.00	3	259				23+00.00	23	0			
21+00.00	0	1094	23+25.00	4	237				23+25.00	25	0			
21+25.00	0	973	23+50.00	5	224				23+50.00	30	0			
21+50.00	0	831	23+75.00	6	203				23+75.00	30	0			
21+75.00	0	673	24+00.00	7	187				24+00.00	27	0			
22+00.00	0	531	24+25.00	8	172				24+25.00	25	0			
22+25.00	1	429	24+50.00	8	156				24+50.00	23	0			
22+50.00	3	326	24+75.00	9	115				24+75.00	18	24			
22+75.00	4	206	25+00.00	10	60				25+00.00	15	24			
23+00.00	6	81	25+25.00	11	17				25+25.00	13	0			
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24+00.00	15	3												
24+25.00	22	5												

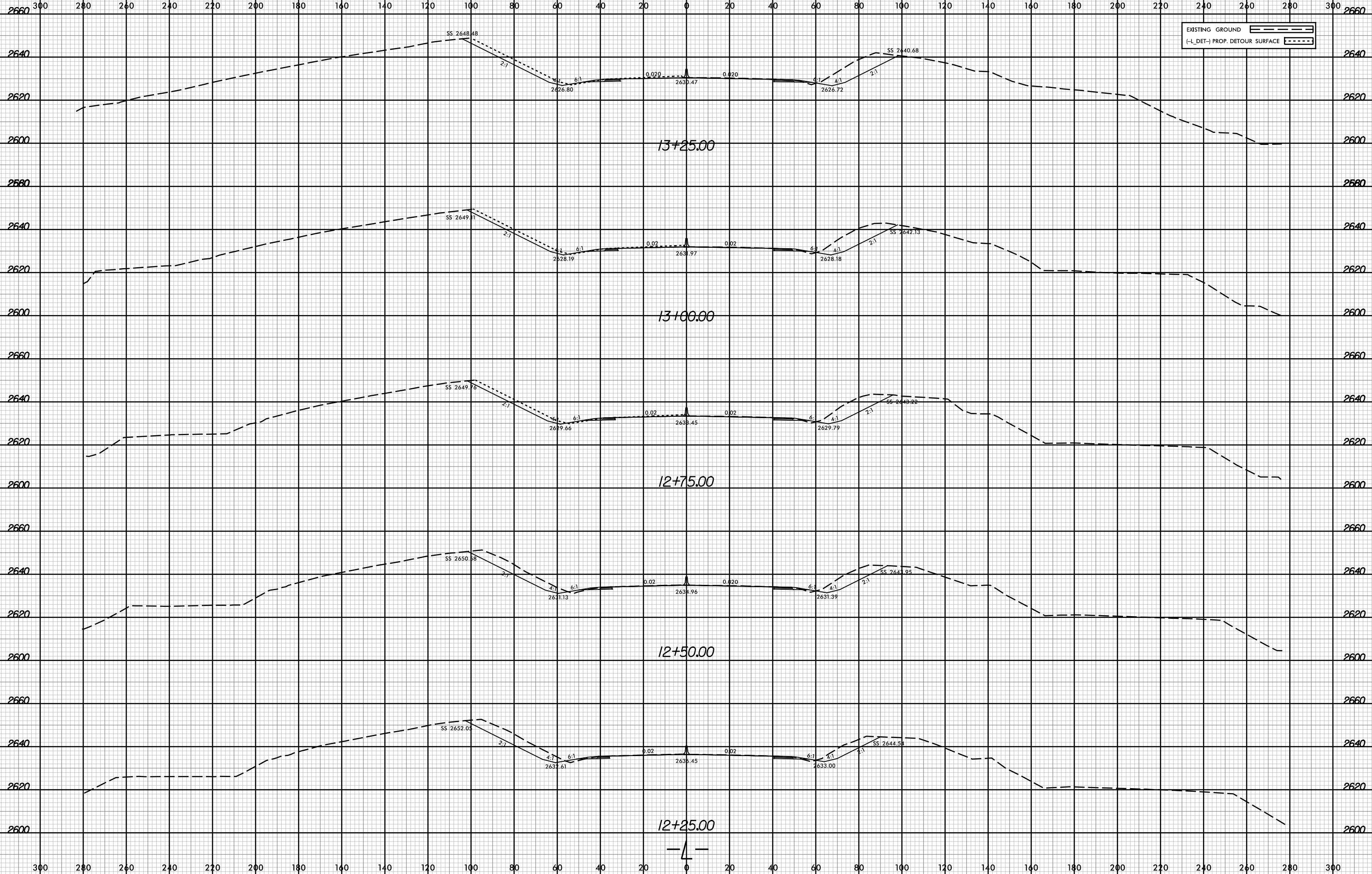
Approximate quantities only. Unclassified excavation, borrow excavation, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading".

Note: Earthwork quantities are calculated by the Roadway Designer. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

6/23/16

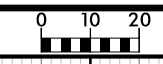


PROJ. REFERENCE NO. B-5982 SHEET NO. X-1

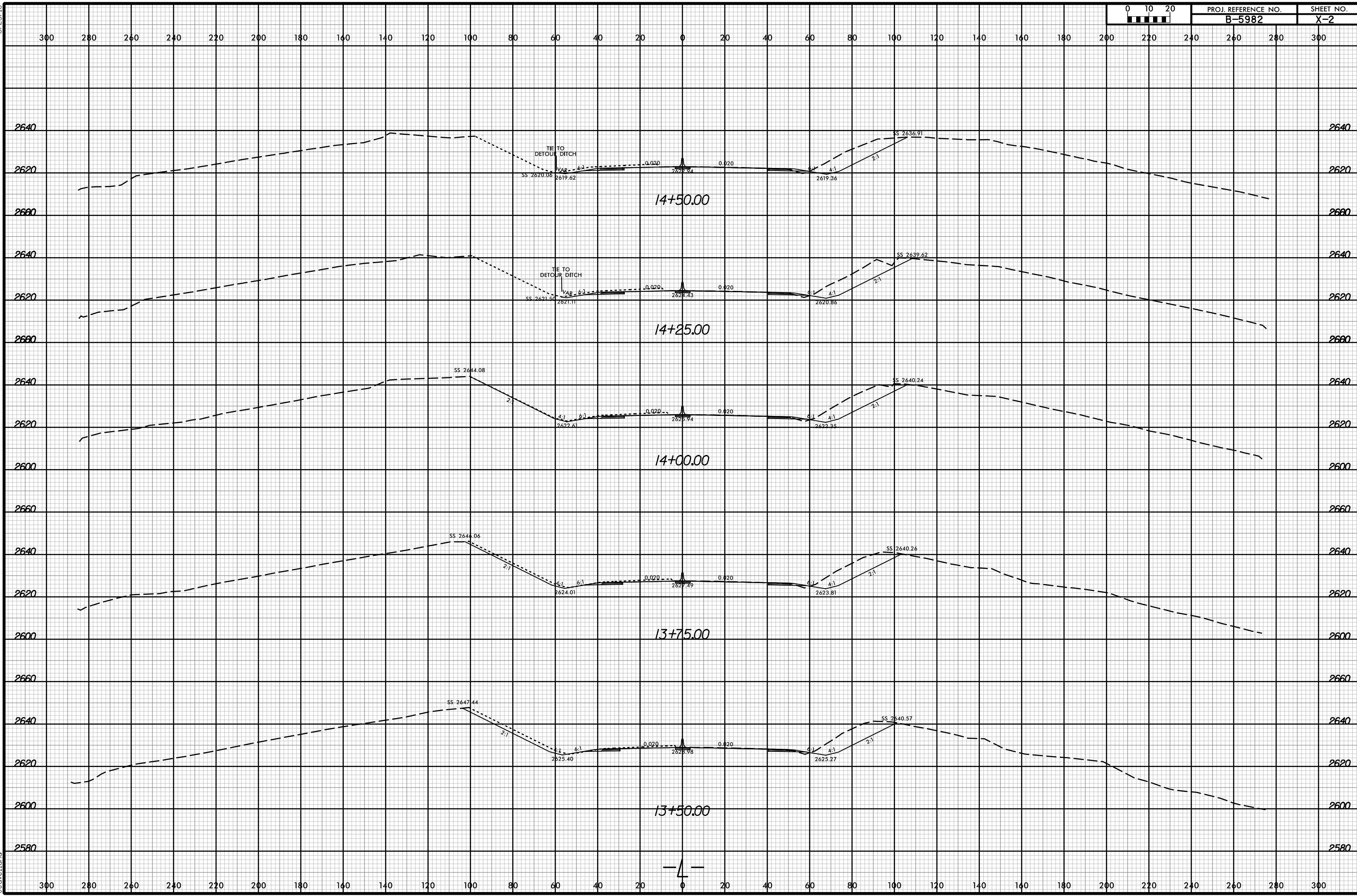


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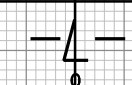
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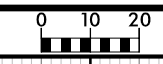
PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-2



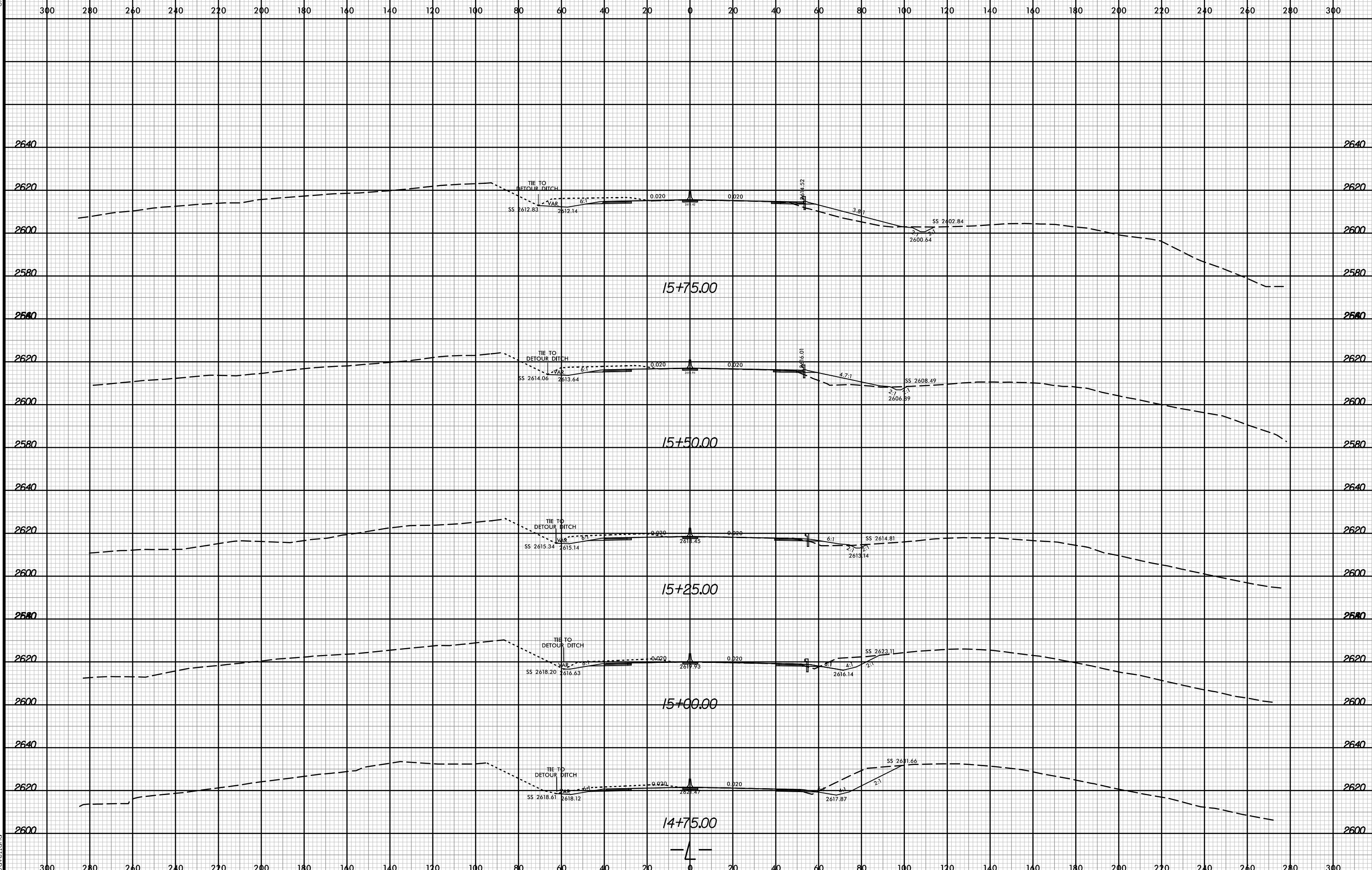
12/18/2023
B-5982
JJavelle



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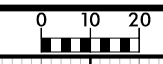


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B-5982	X-3

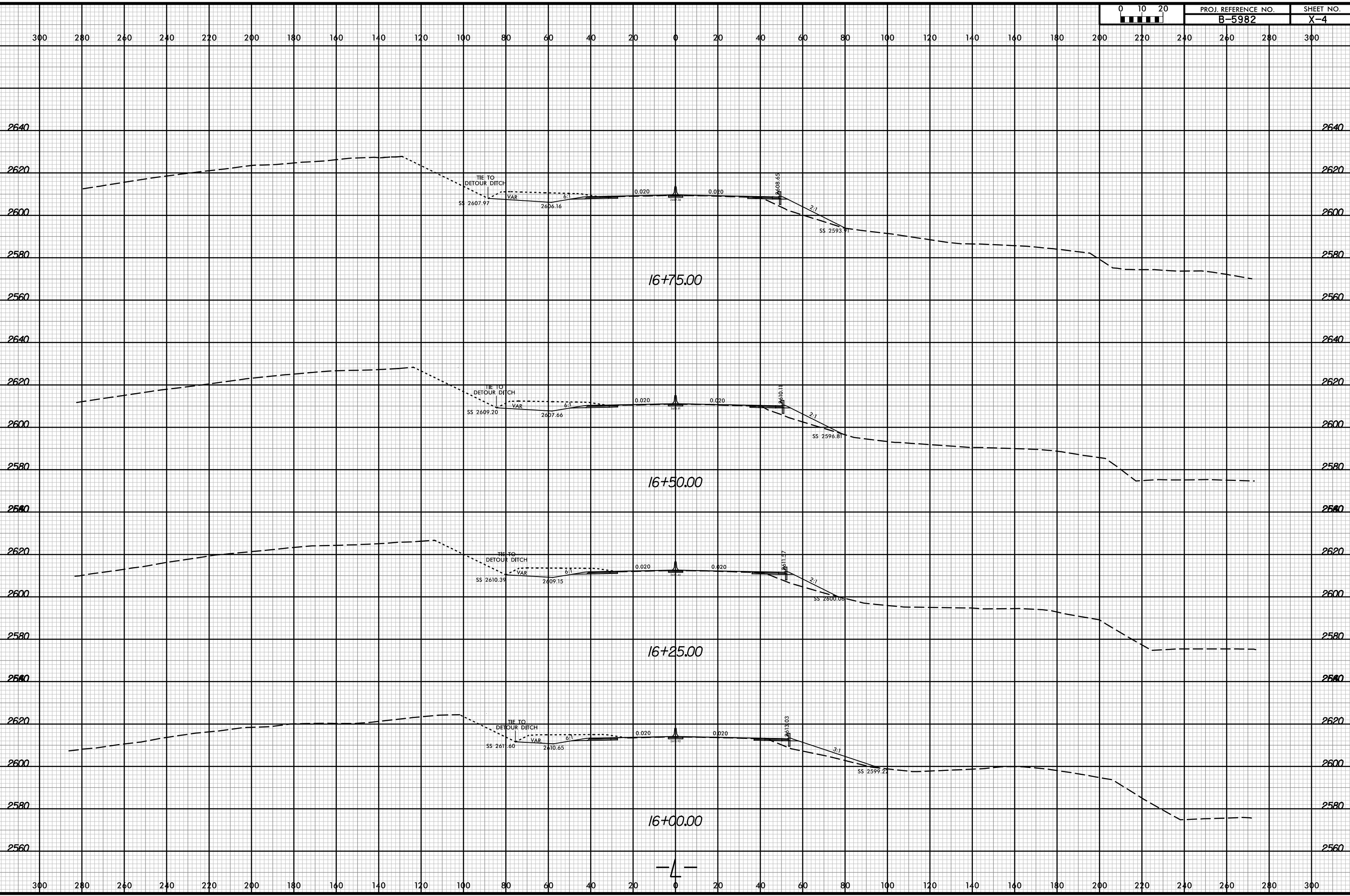


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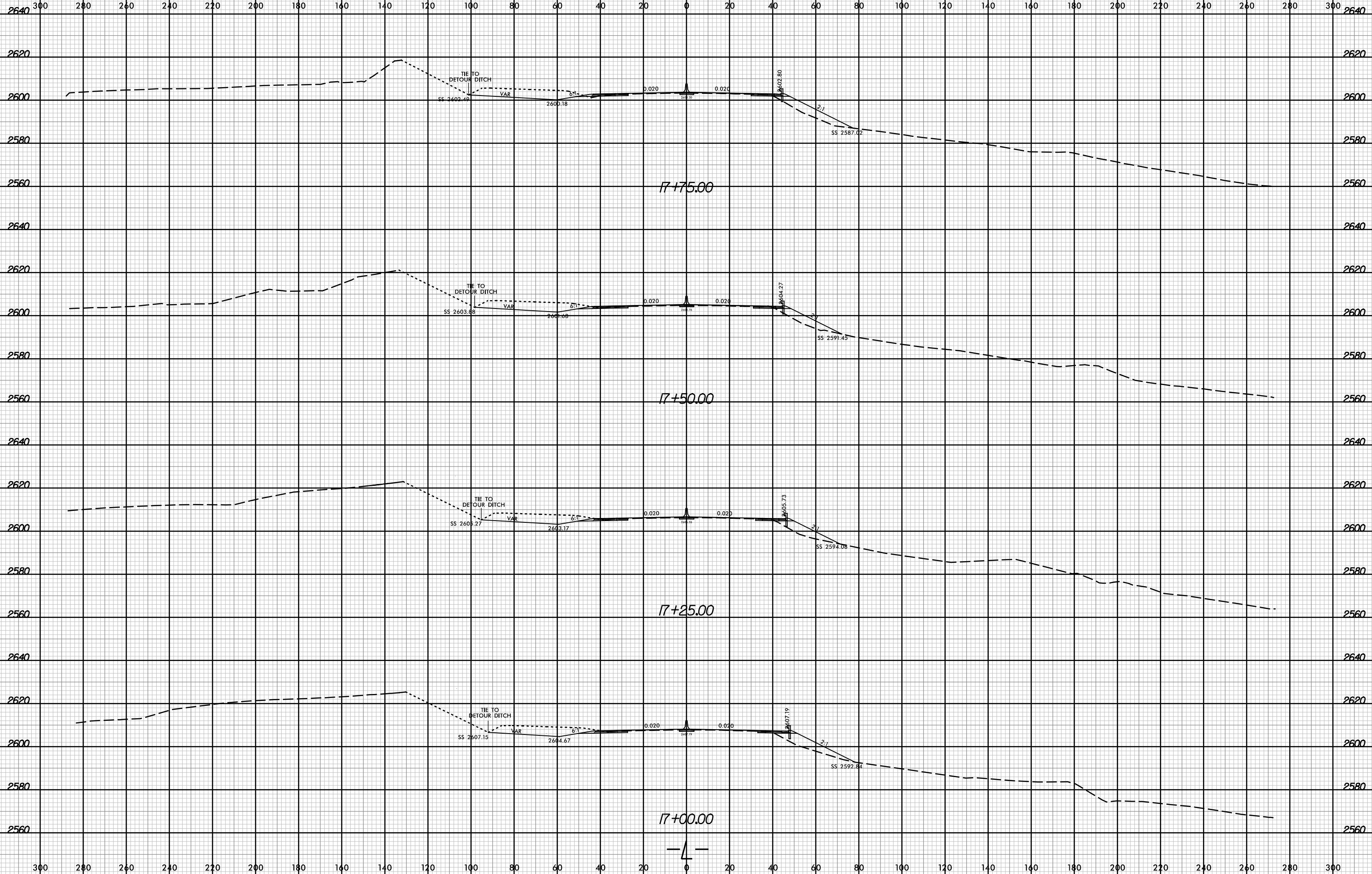


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B-5982	X-4



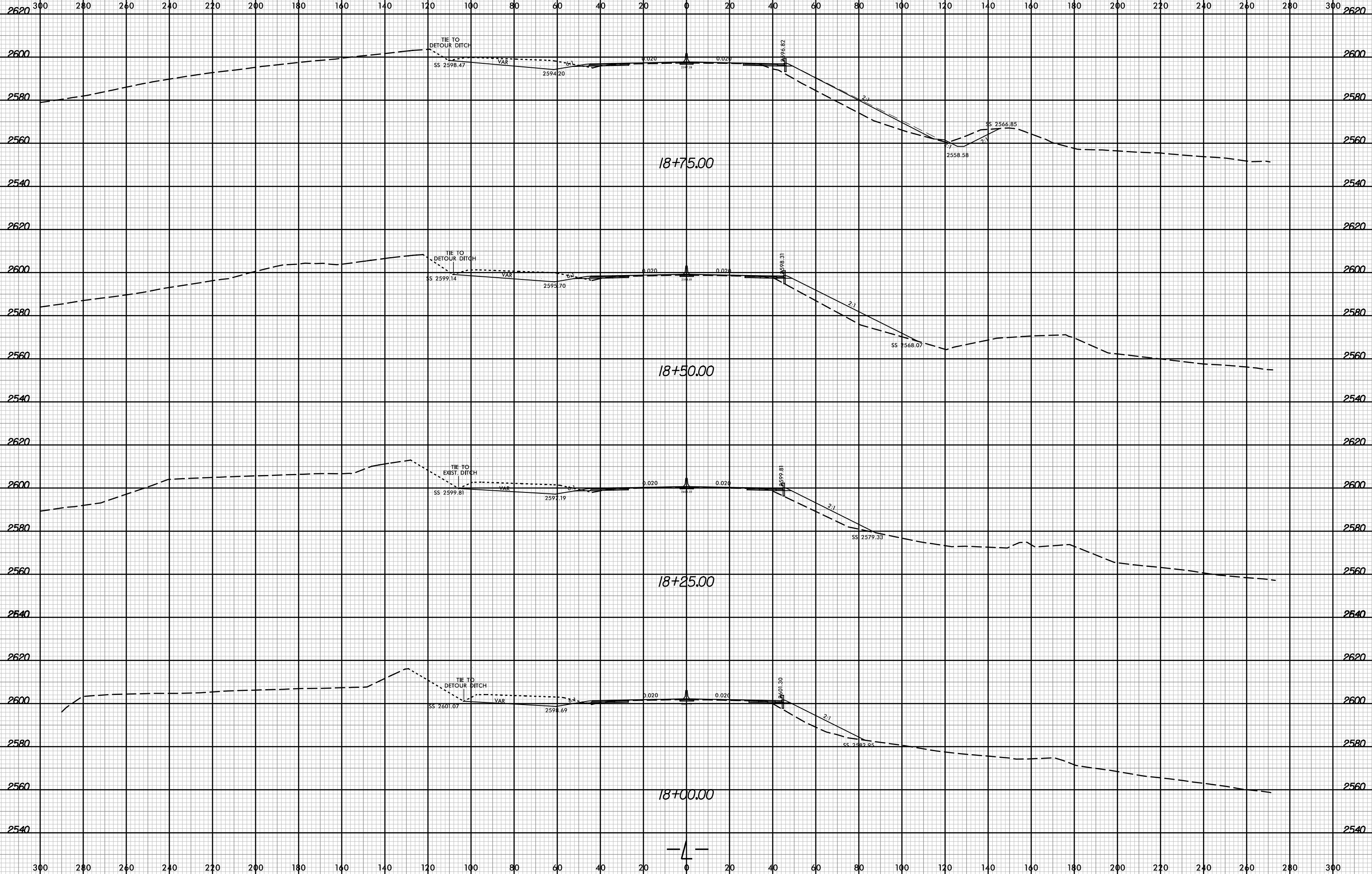
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JJavelle

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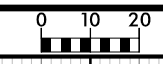
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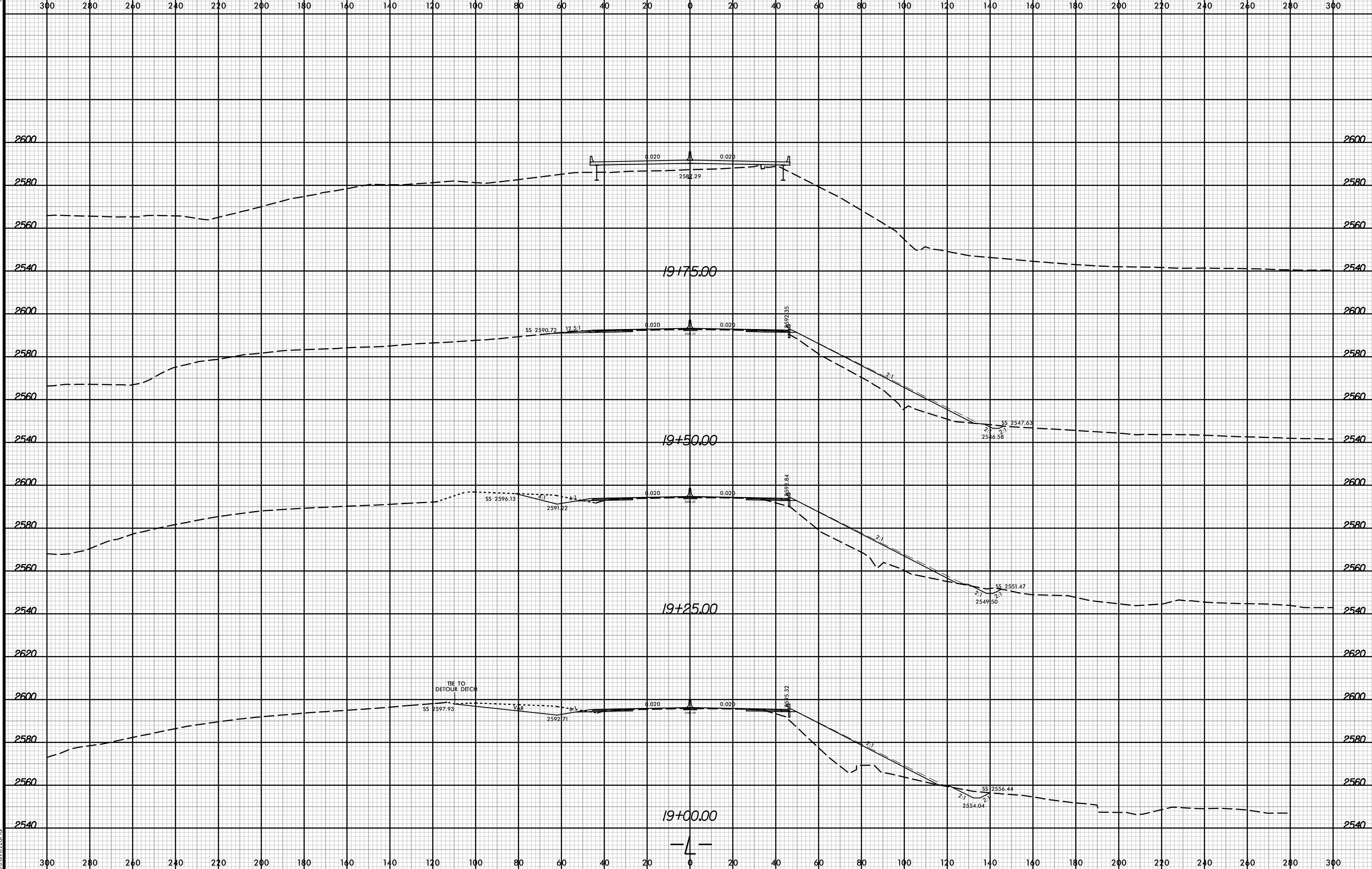


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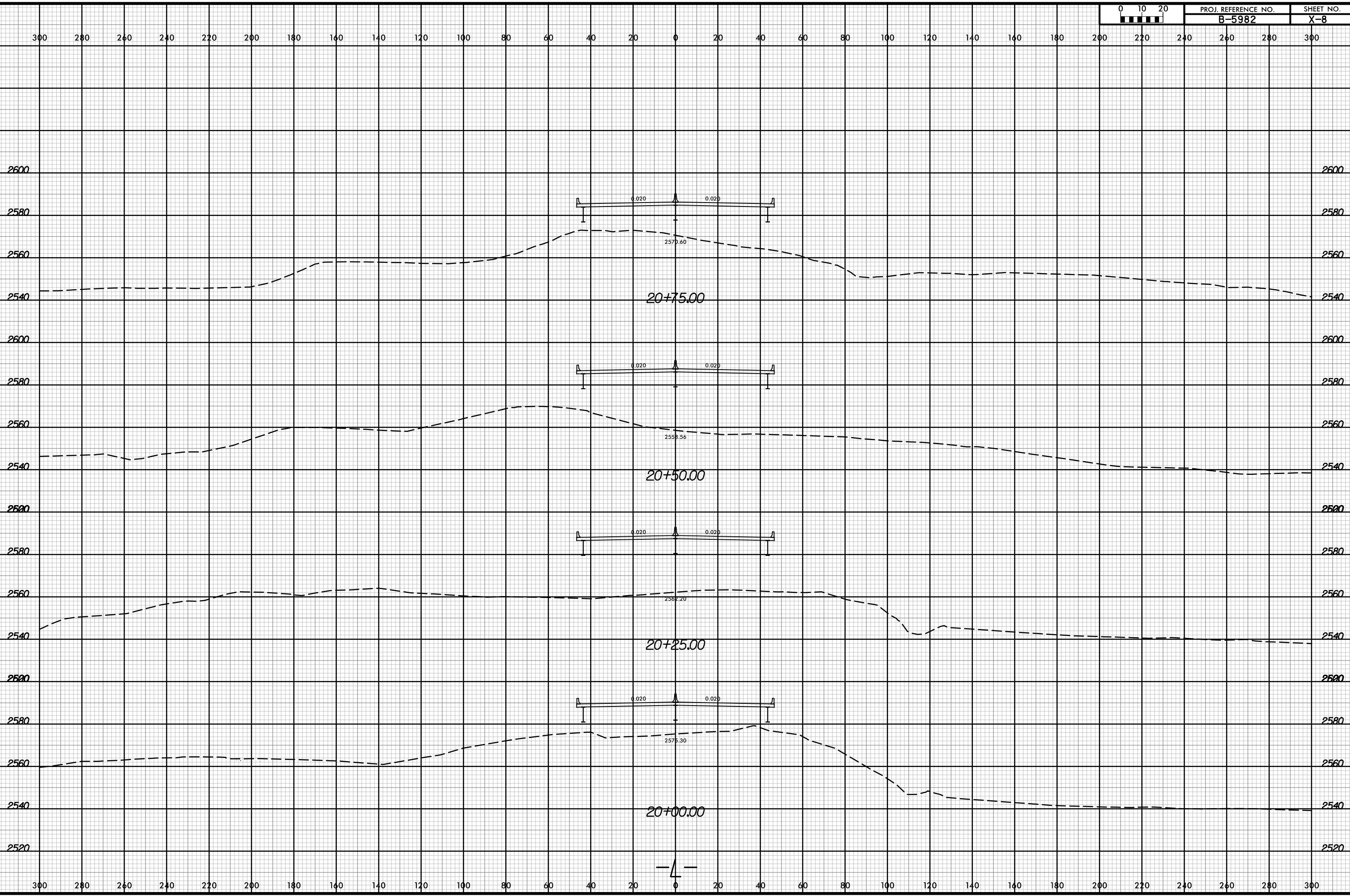
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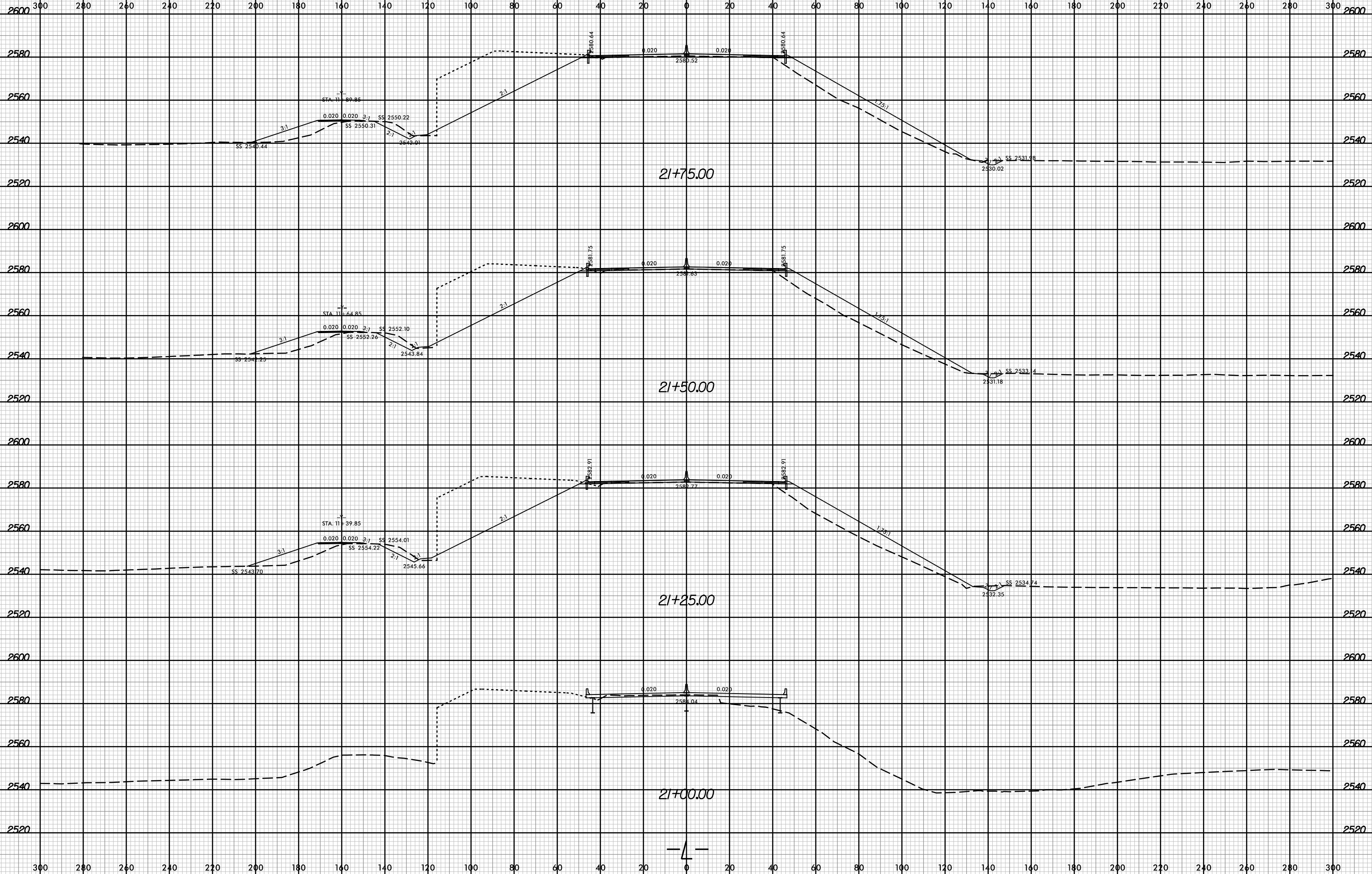
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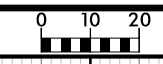


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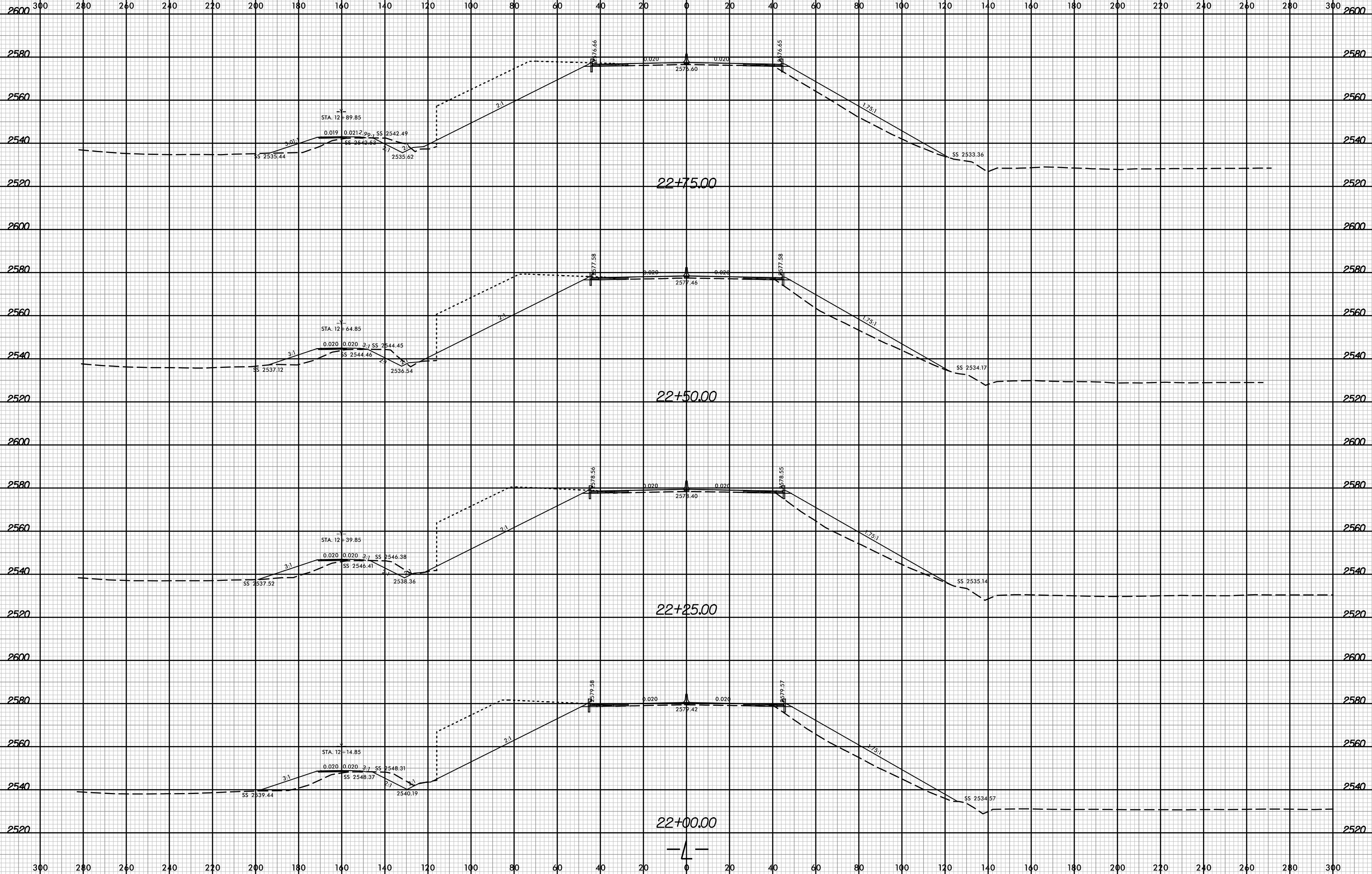


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JJavelle
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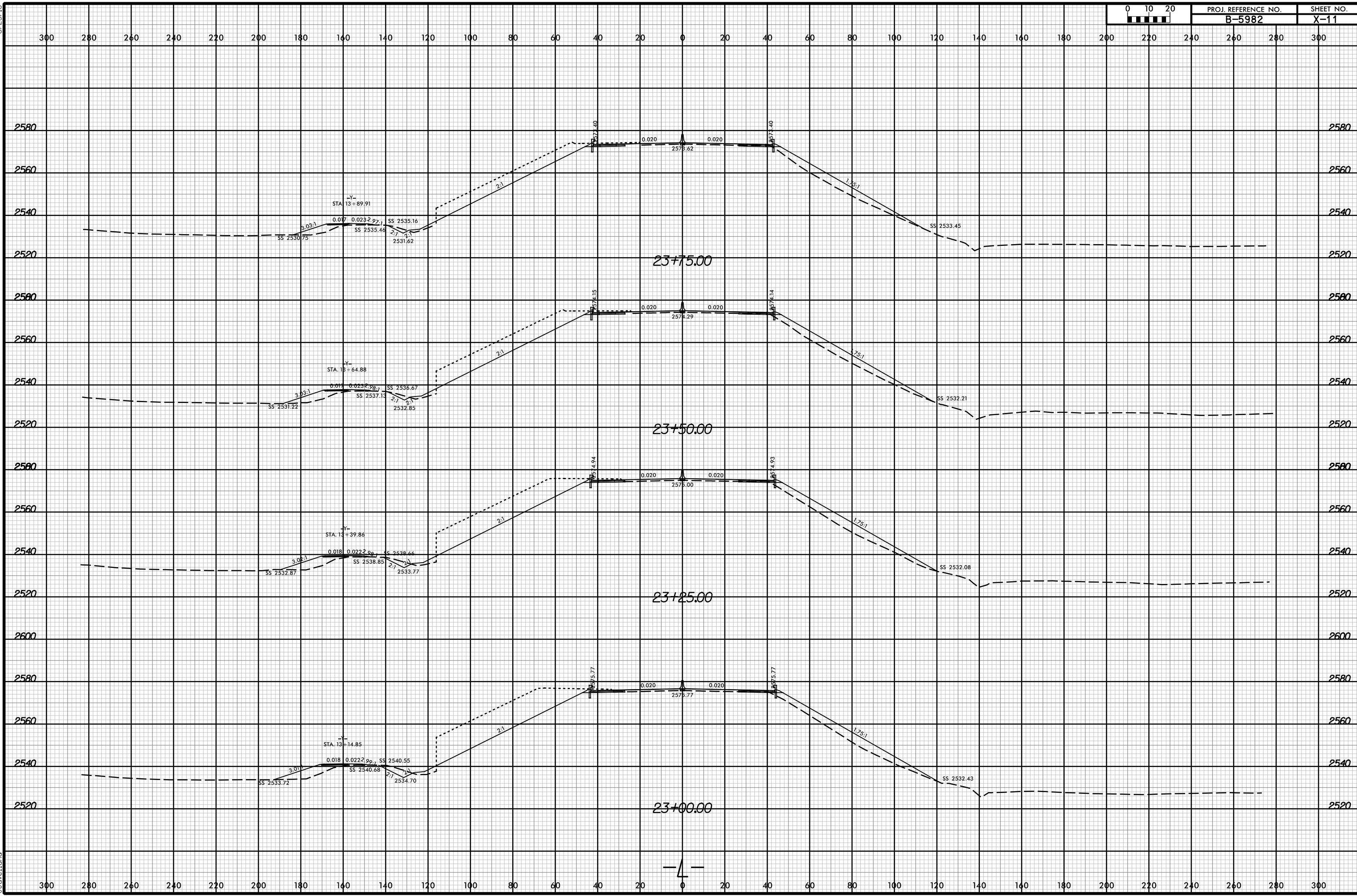
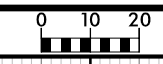
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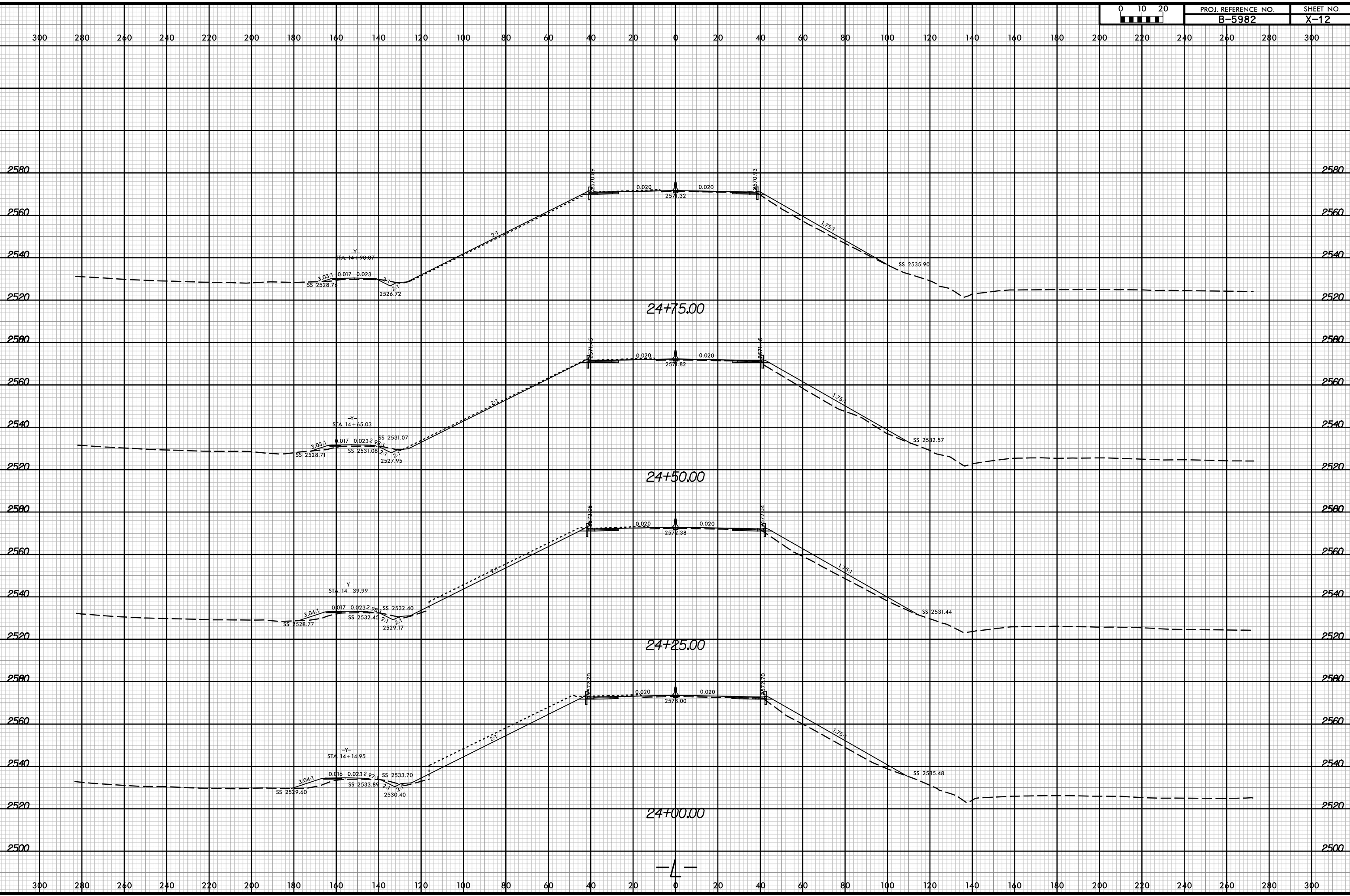
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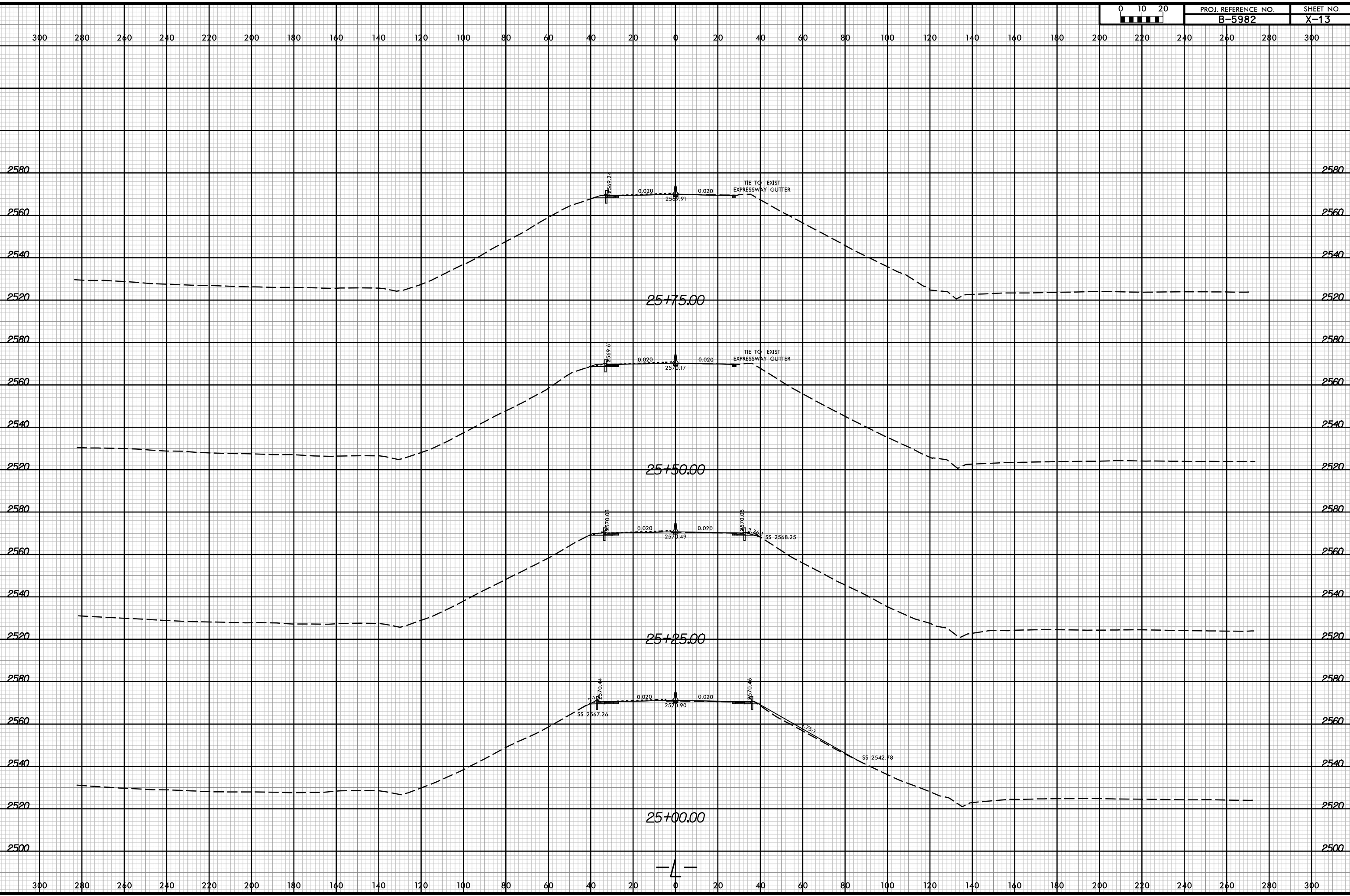
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B-5982
JJavelle



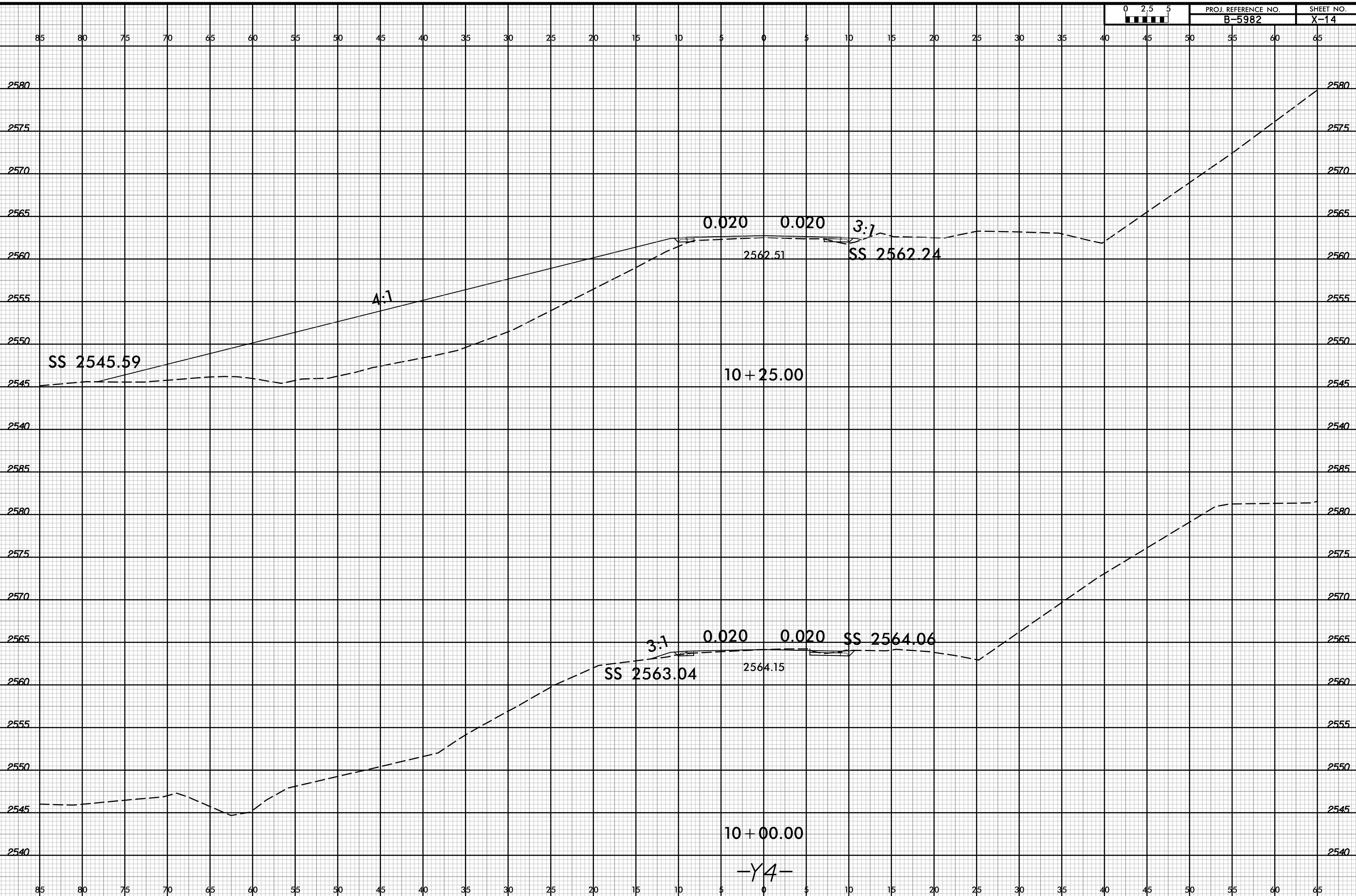
6/23/16



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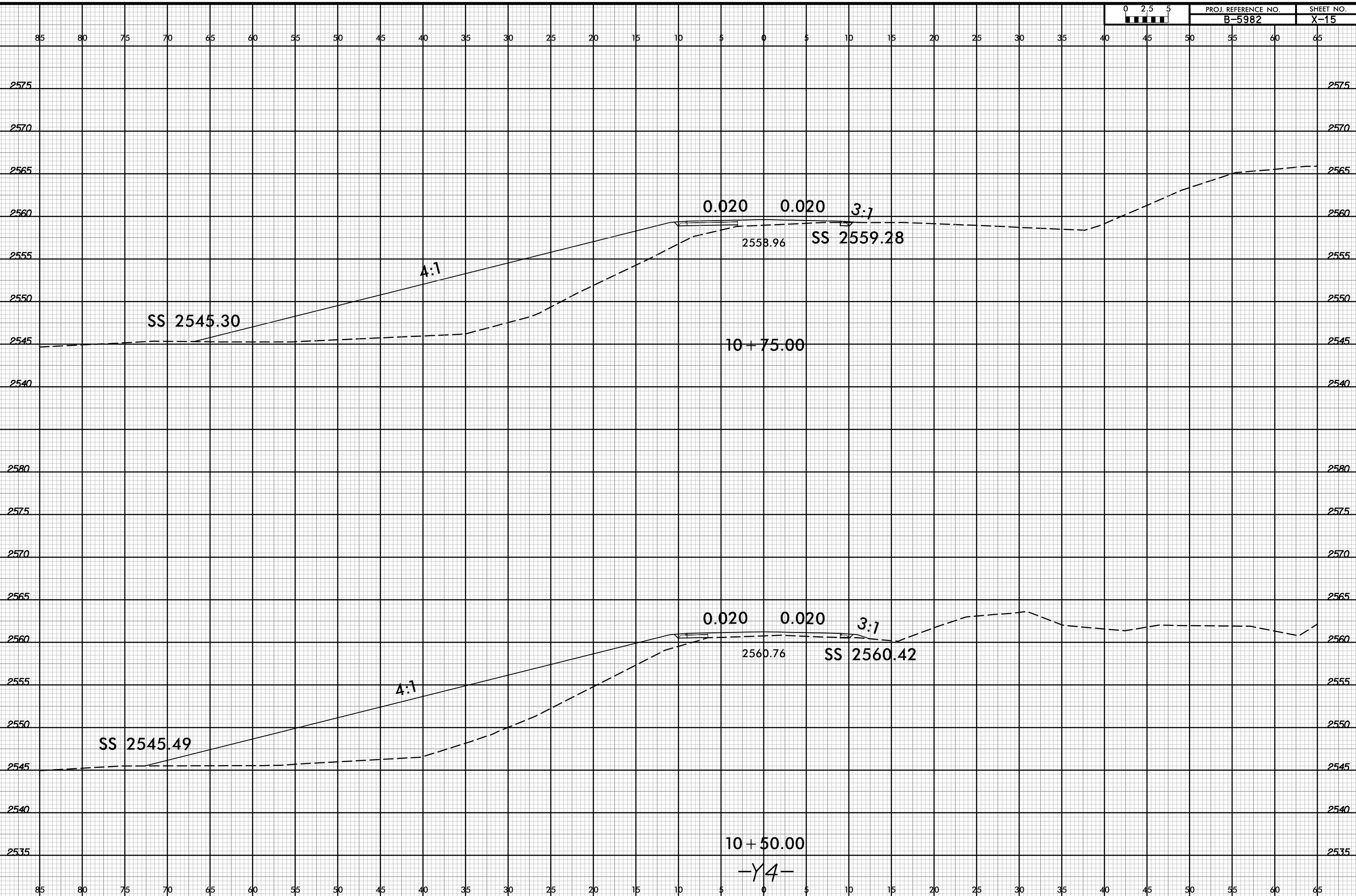
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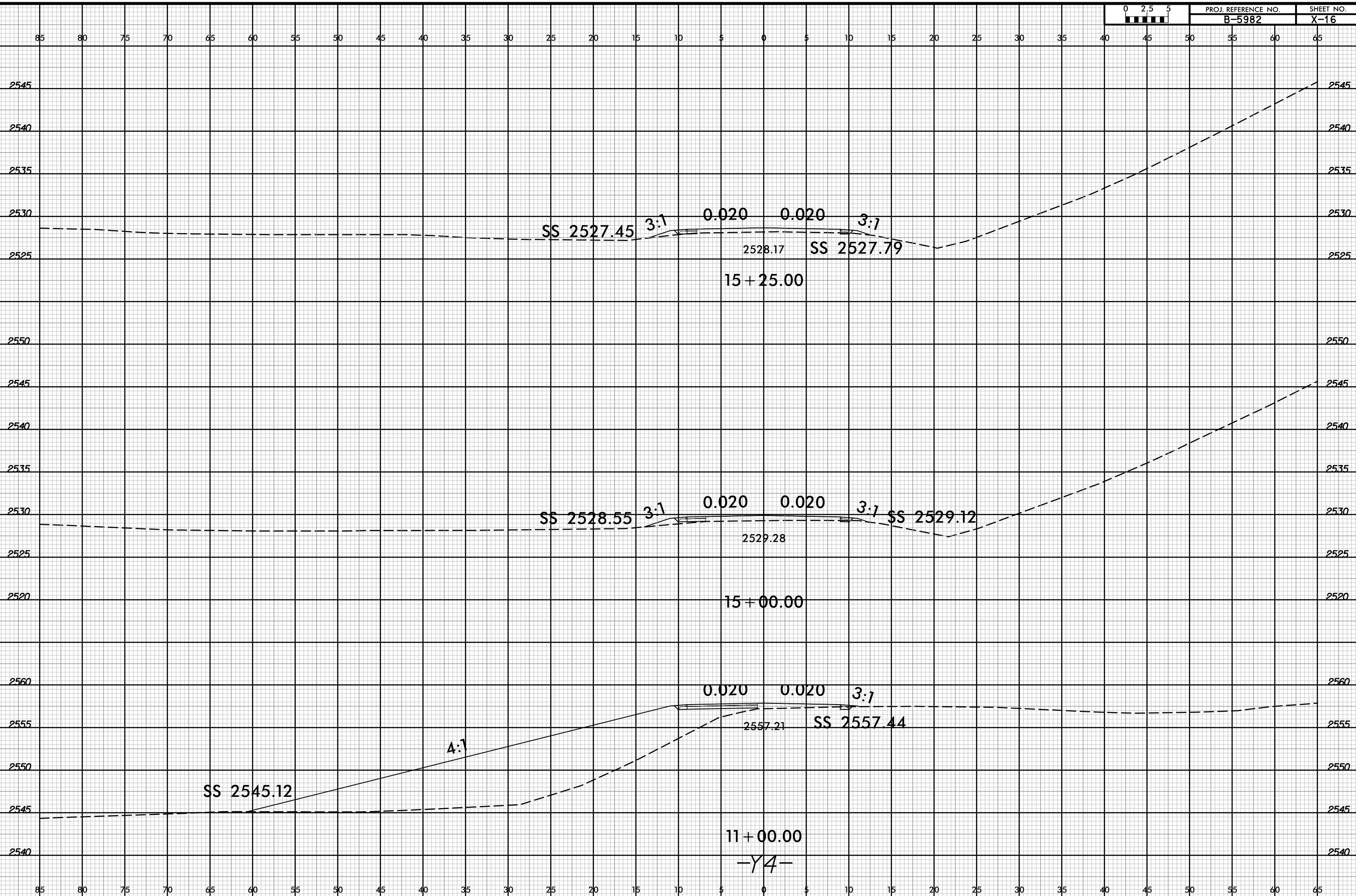
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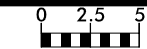


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JJavelle

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B-5982_Y4-XPL.dgn
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85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65

2555 2555

2550 2550

2545 2545

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2535 2535

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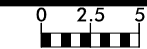
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-Y4-

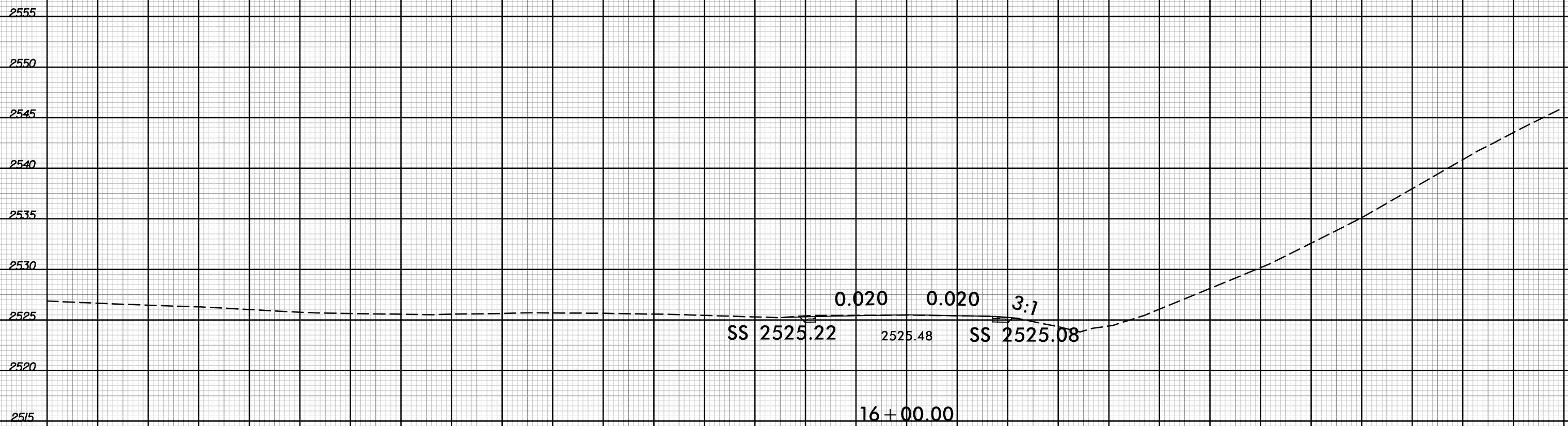
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PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-18

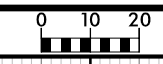
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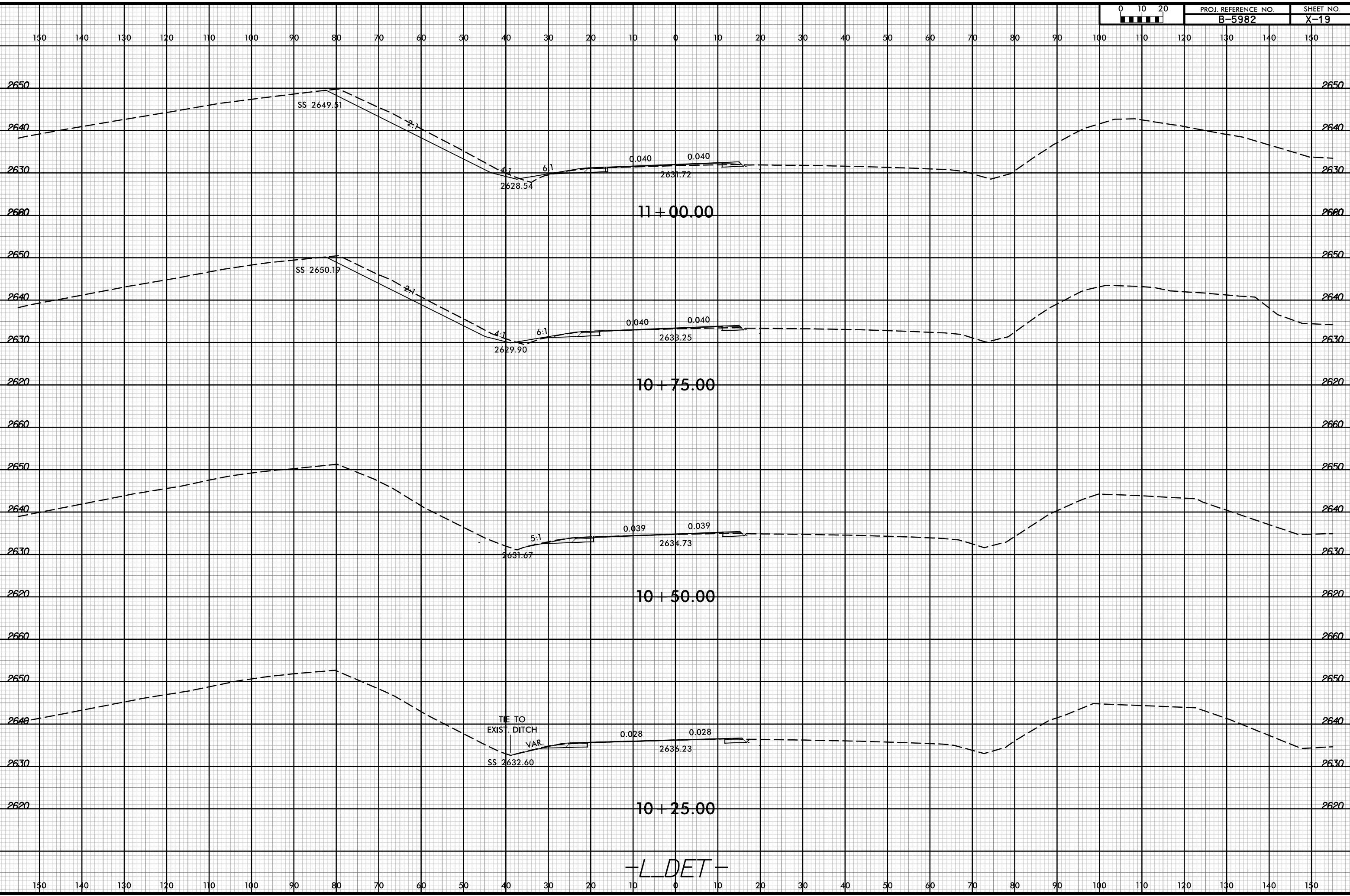
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B-5982
JJavelle

6/23/16

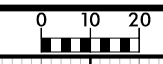


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B-5982	X-19

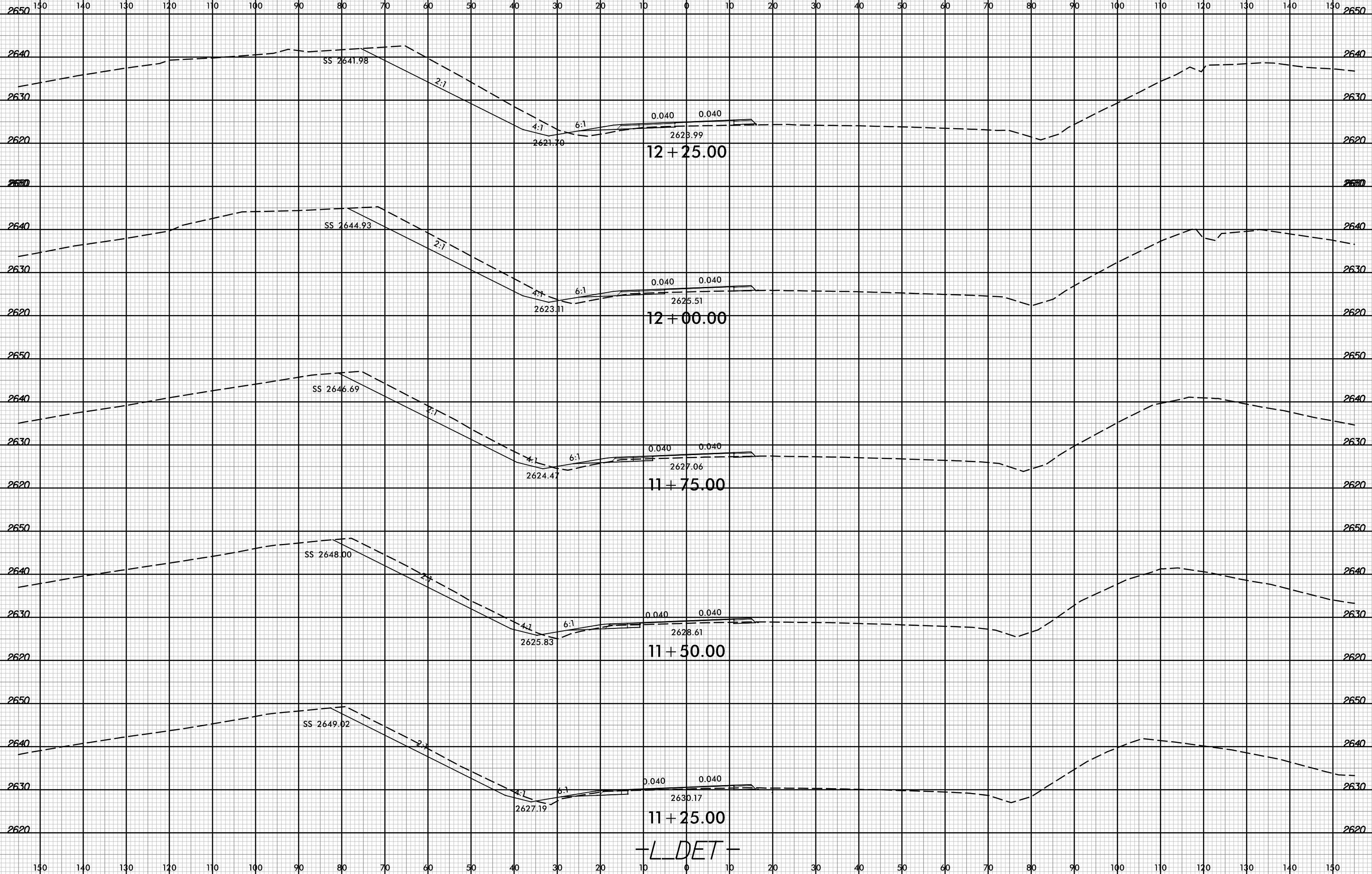


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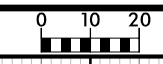
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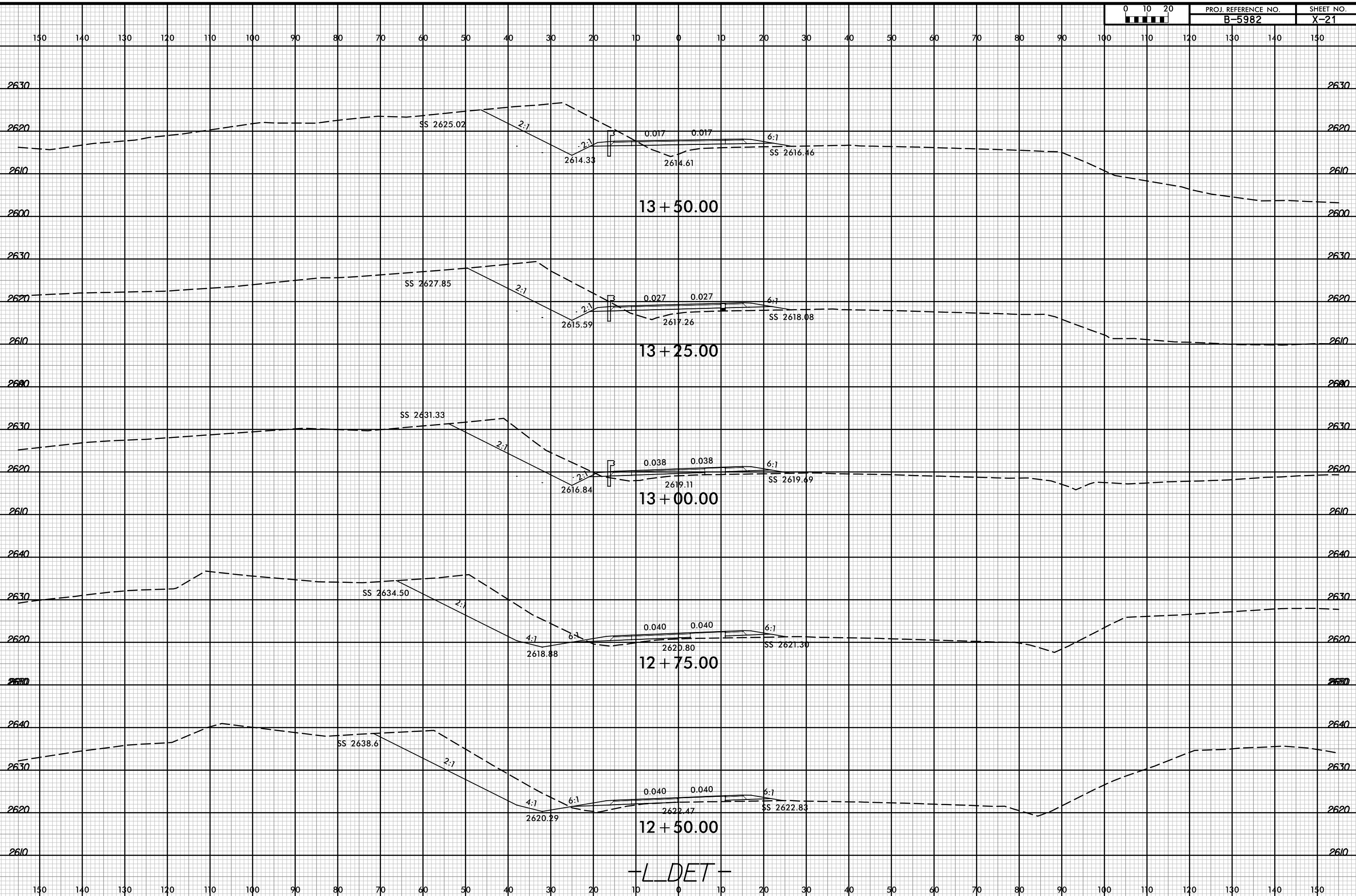
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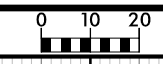
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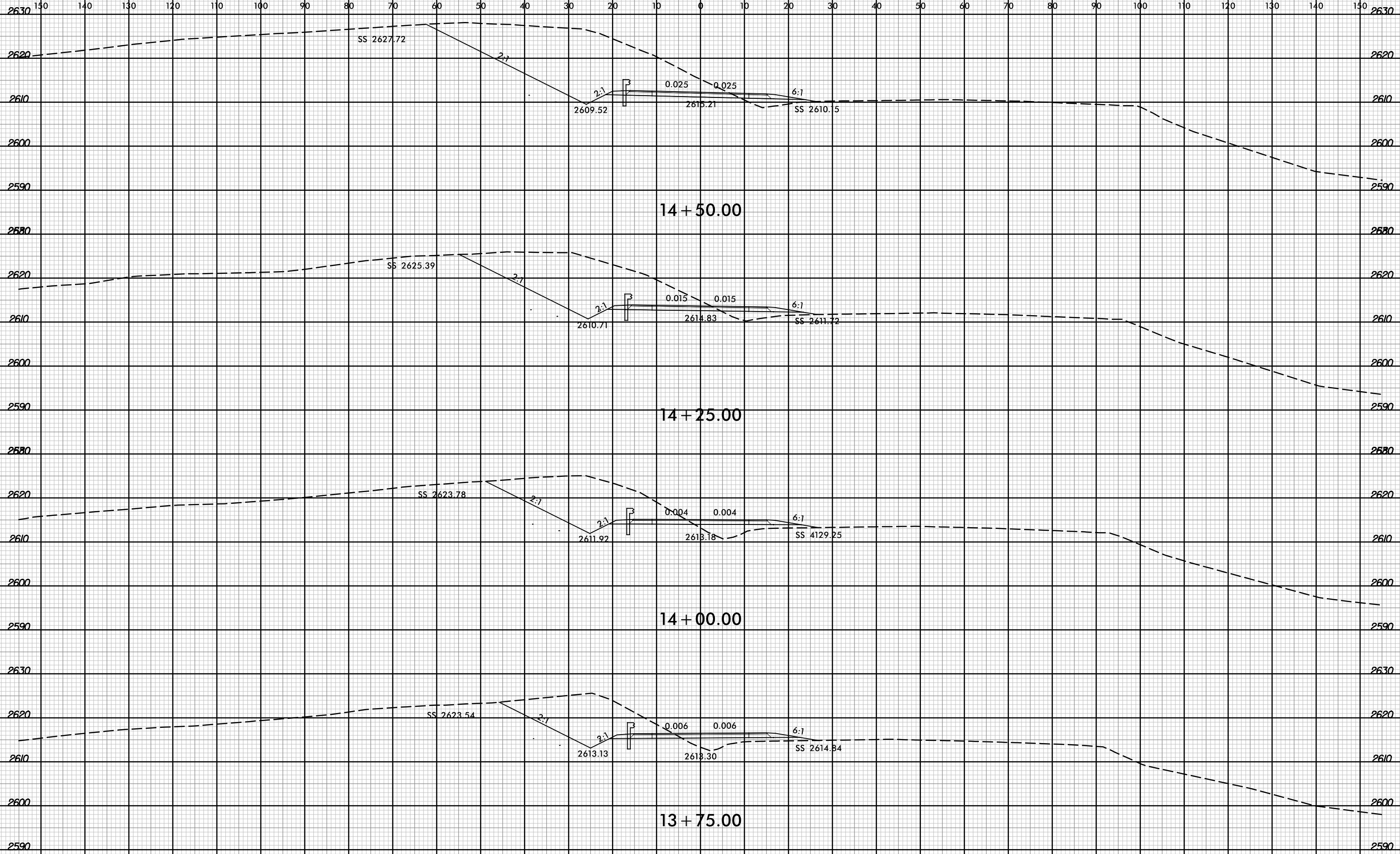
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6/23/16



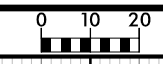
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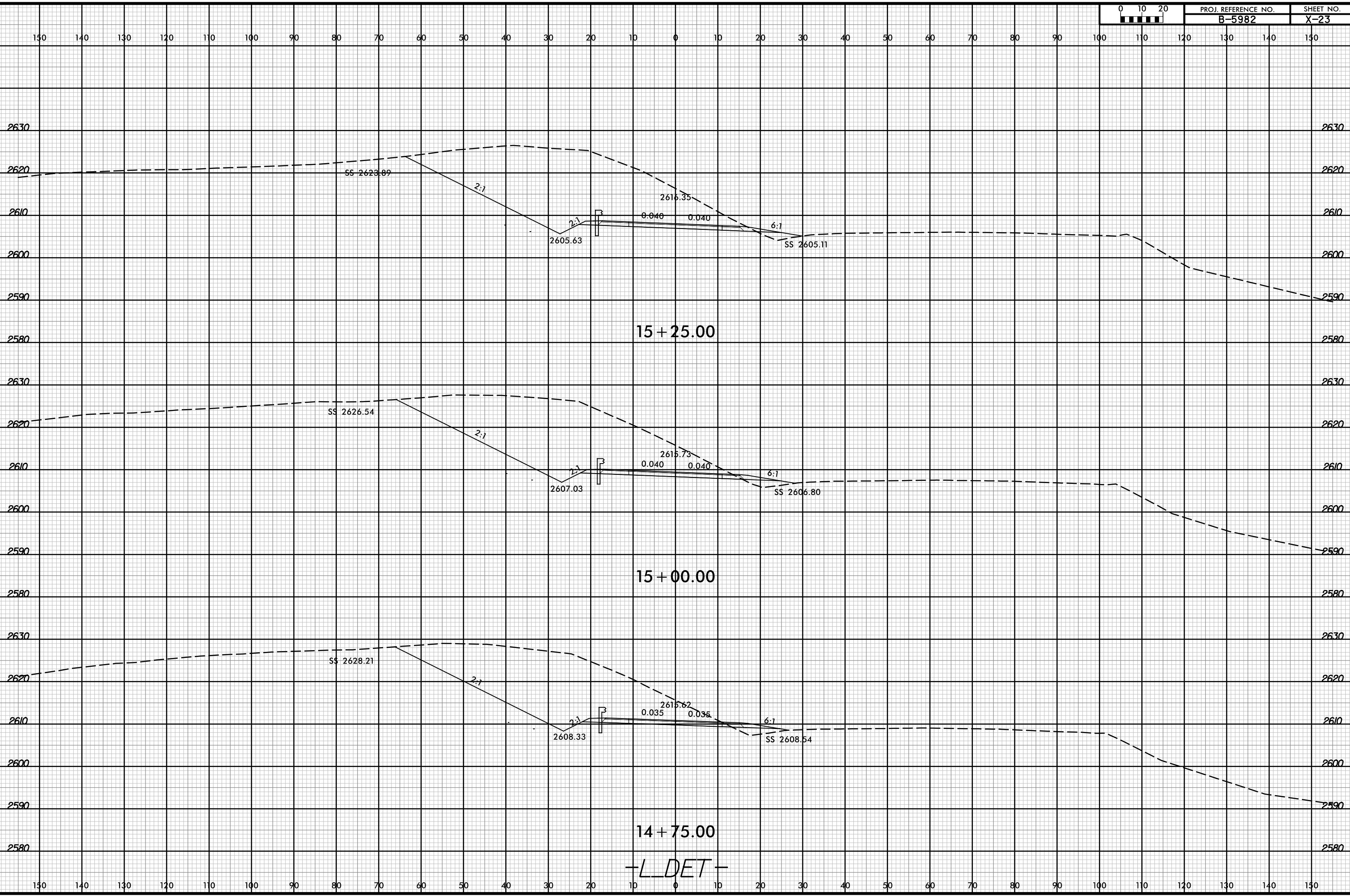
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B-5982
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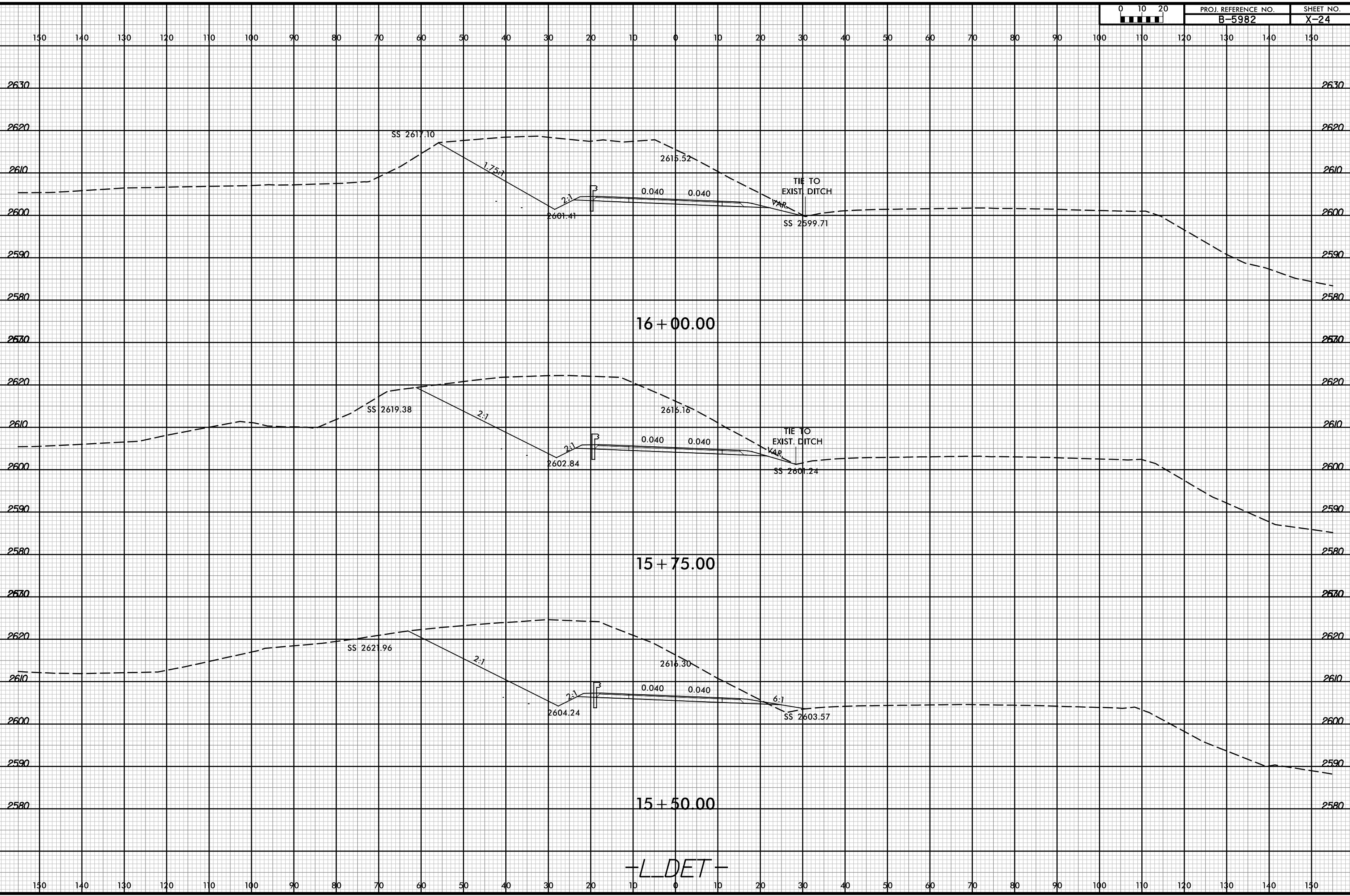
PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-23



-L DET-

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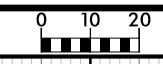
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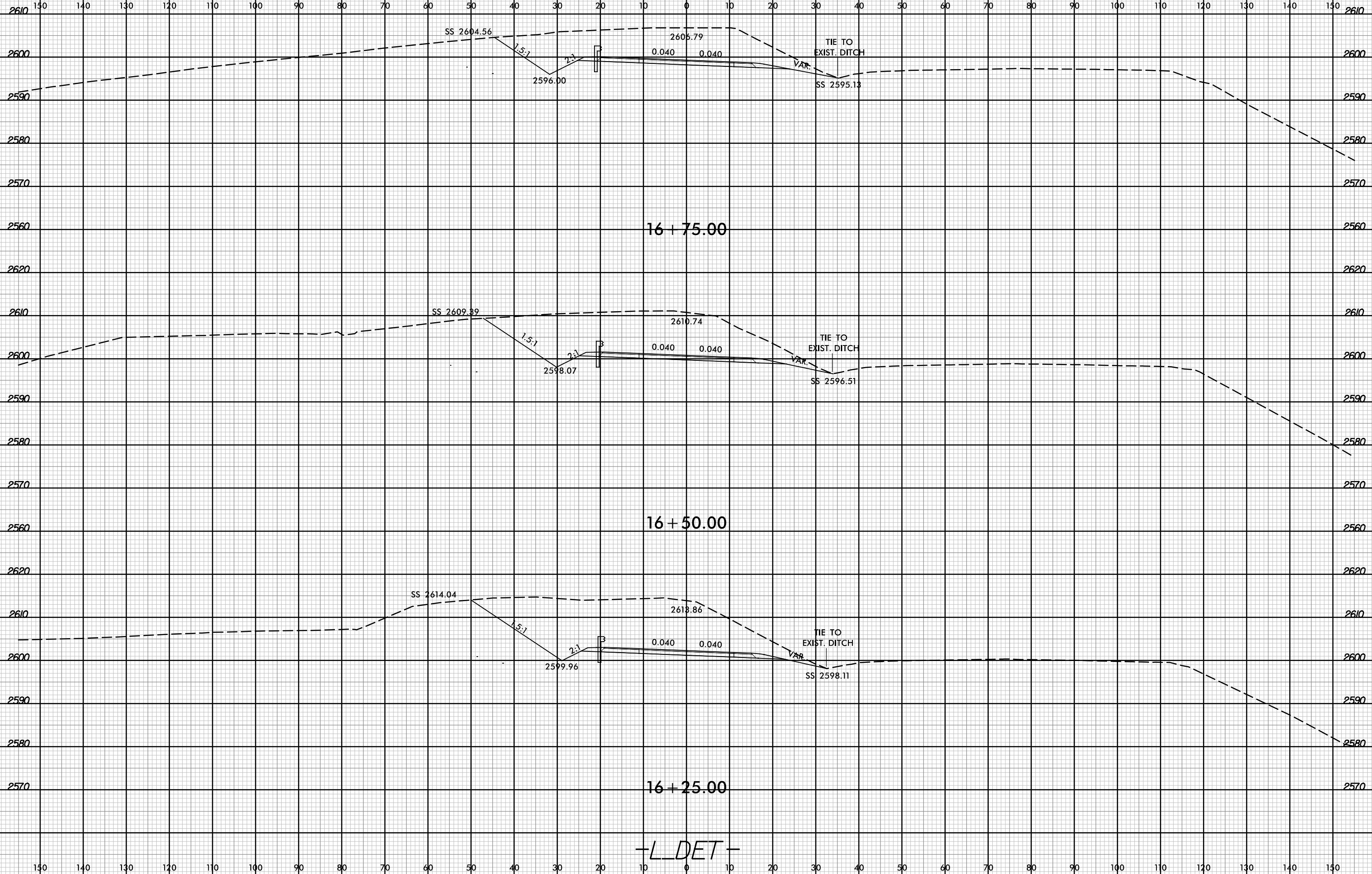
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B-5982
mhuasee

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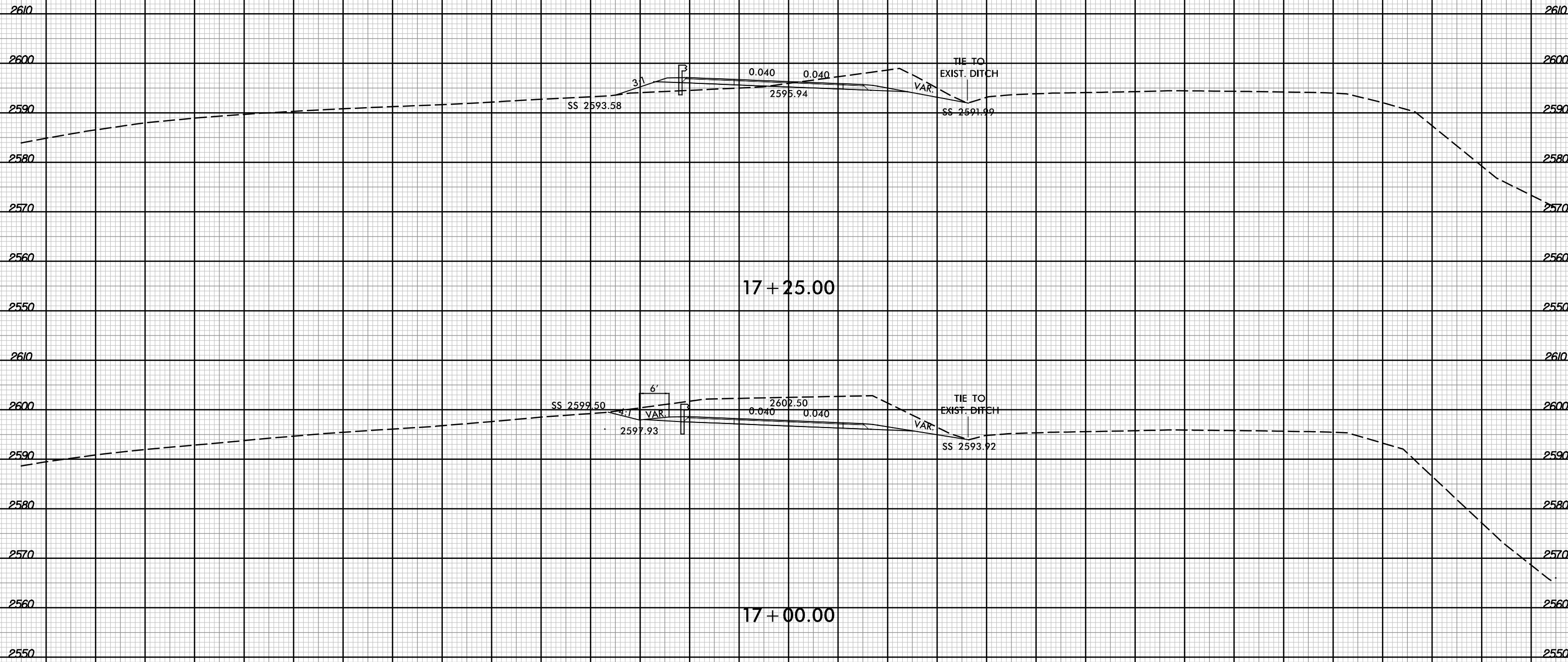


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B-5982
mhuusee

-L DET-

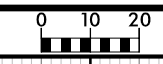


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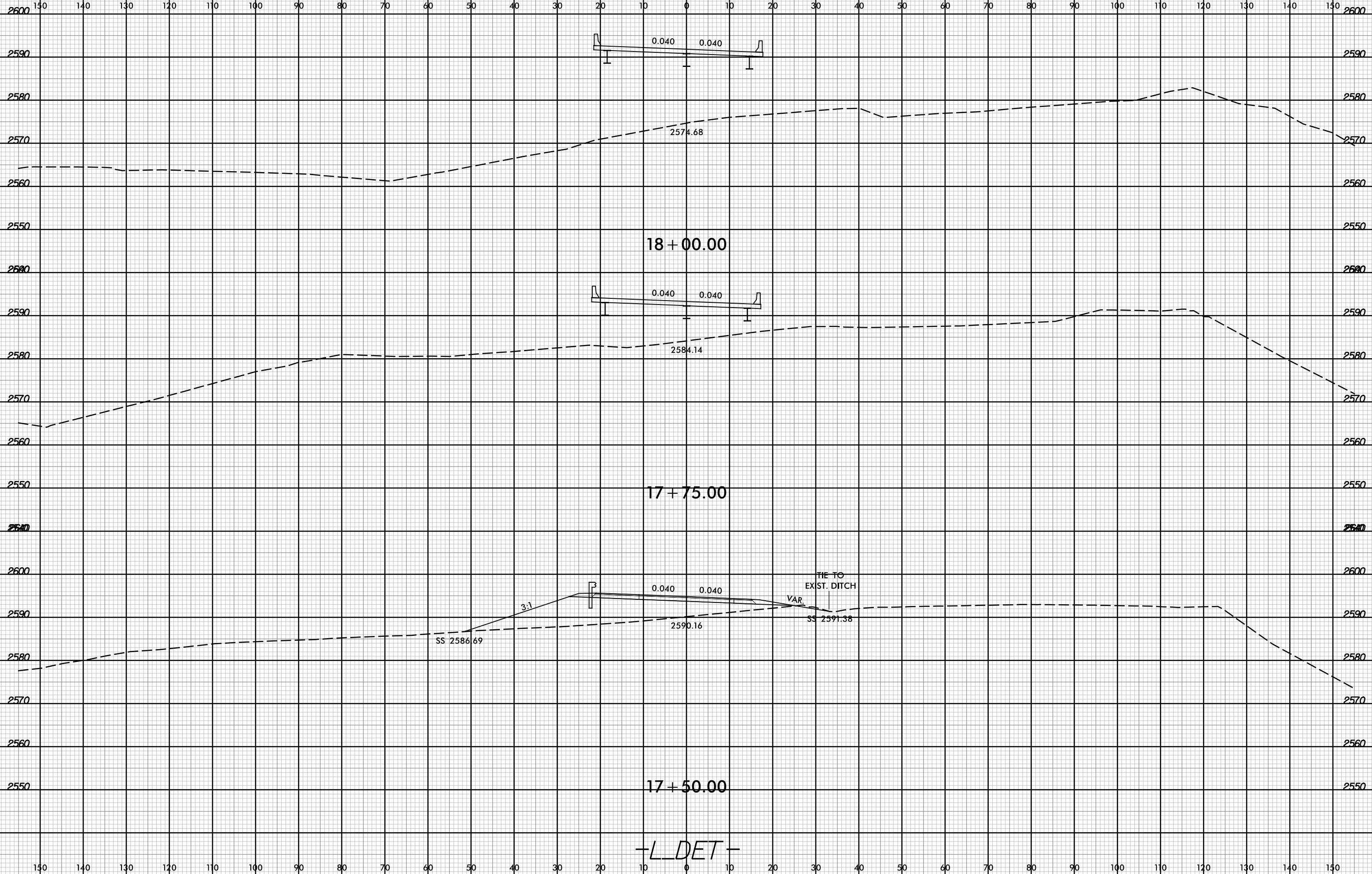
-L DET -

6/23/16



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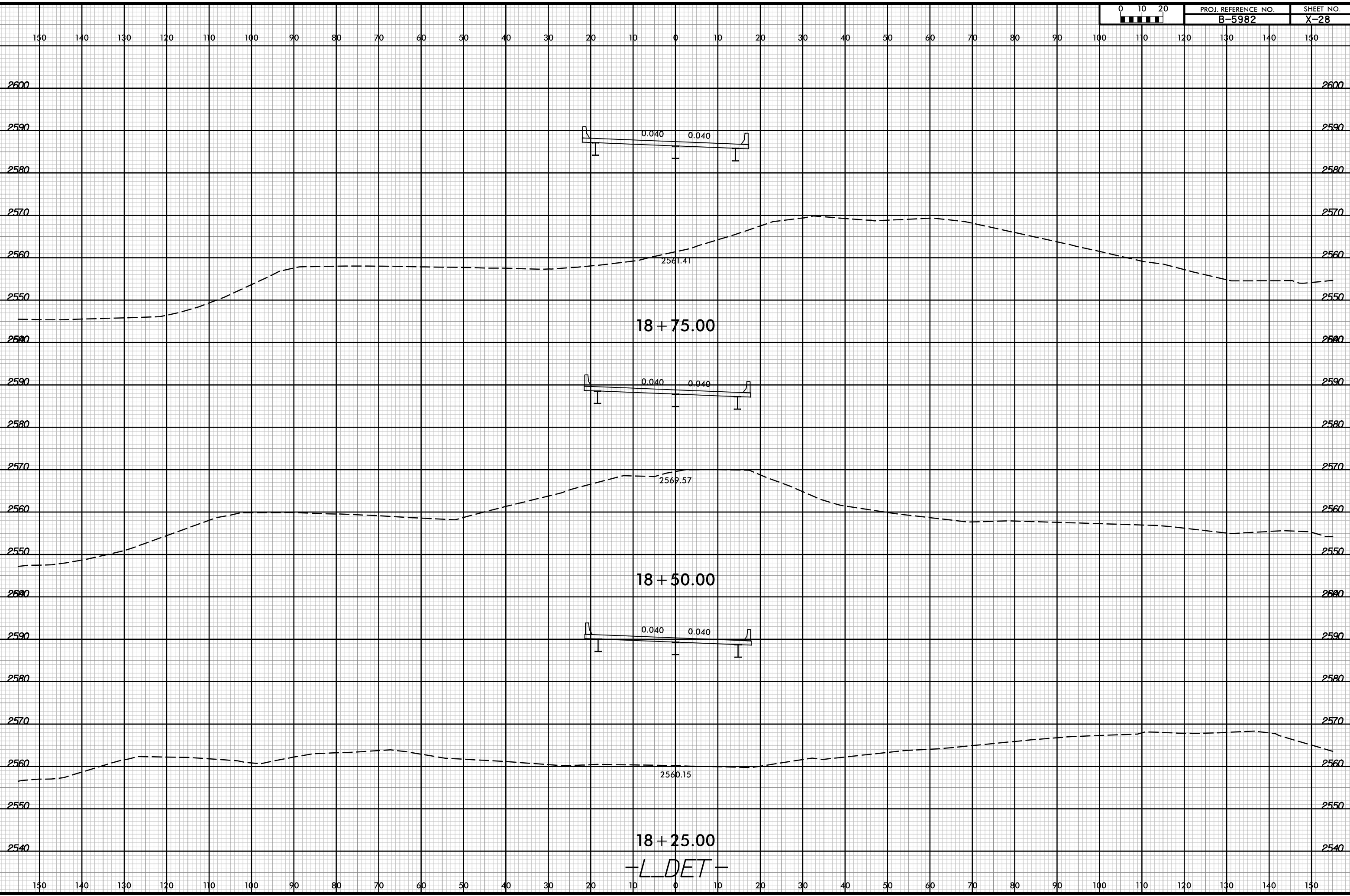
SHEET NO.
X-27



-L DET -

5/17/2024
B-5982
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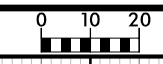
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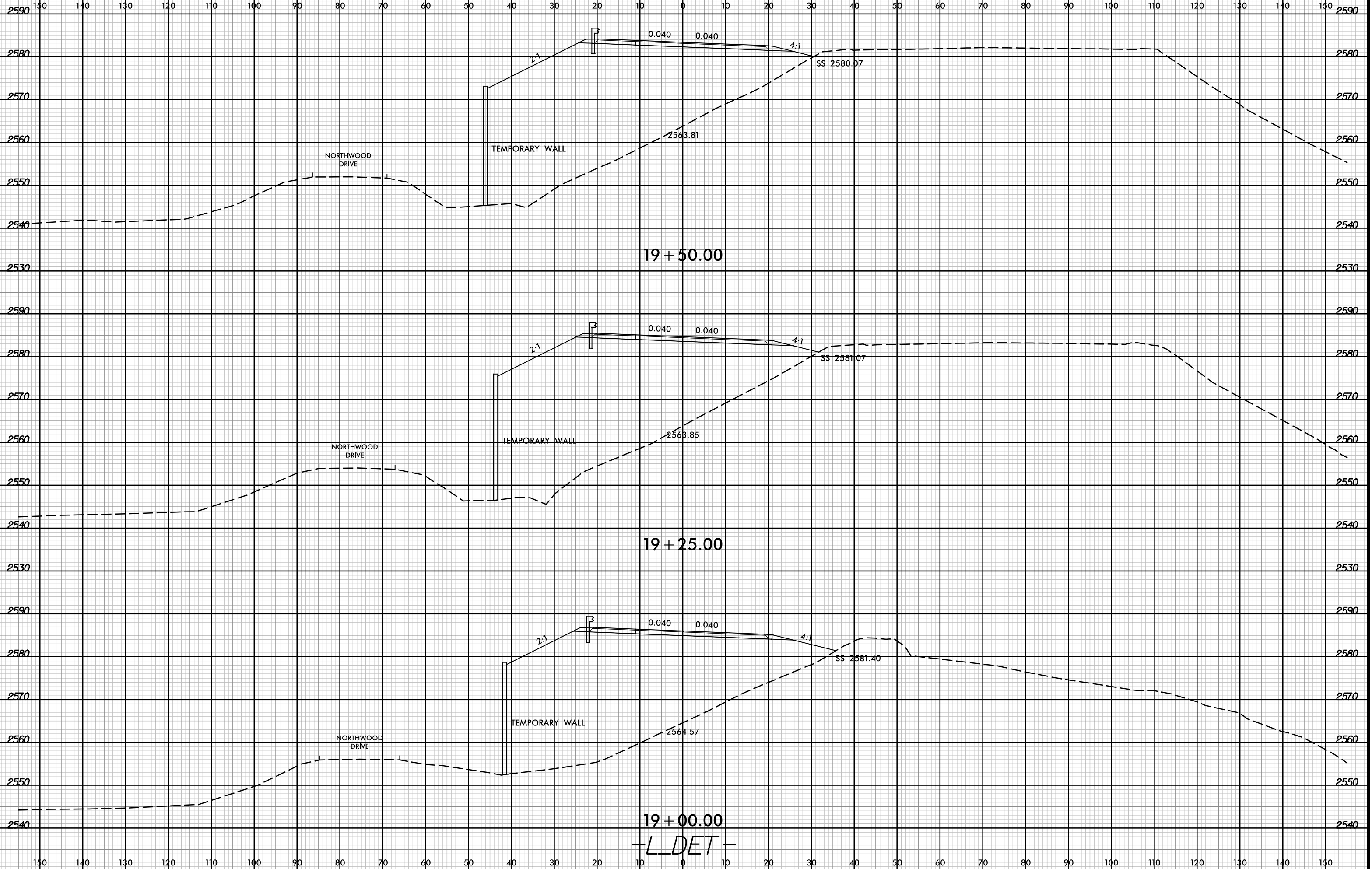
5/17/2024
B-5982
mhuusee

-L DET -

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
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19 + 50.00

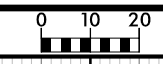
19 + 25.00

19 + 00.00

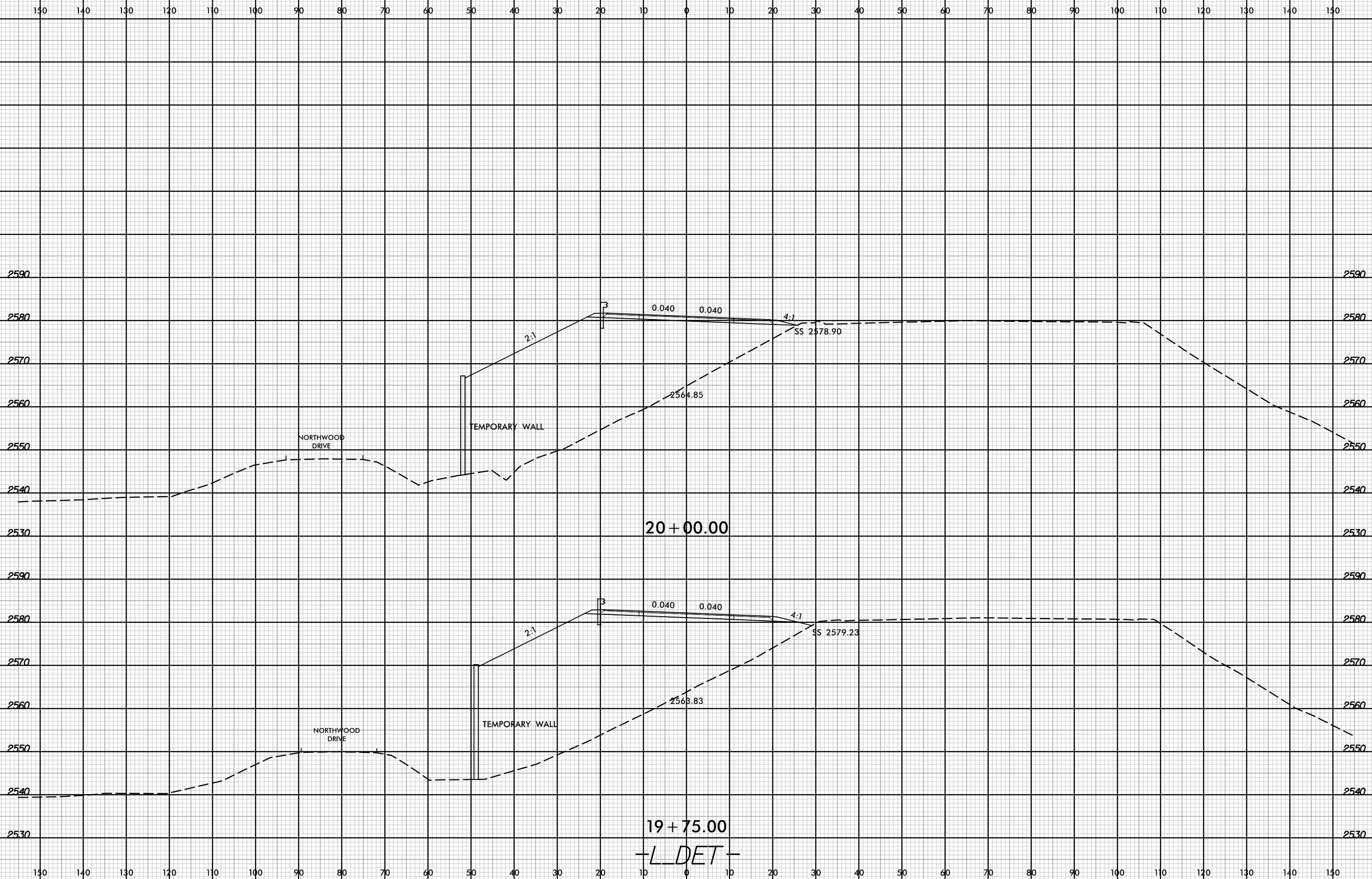
-L DET-

5/17/2024
B-5982
mhuusee

6/23/16



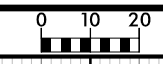
PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-30



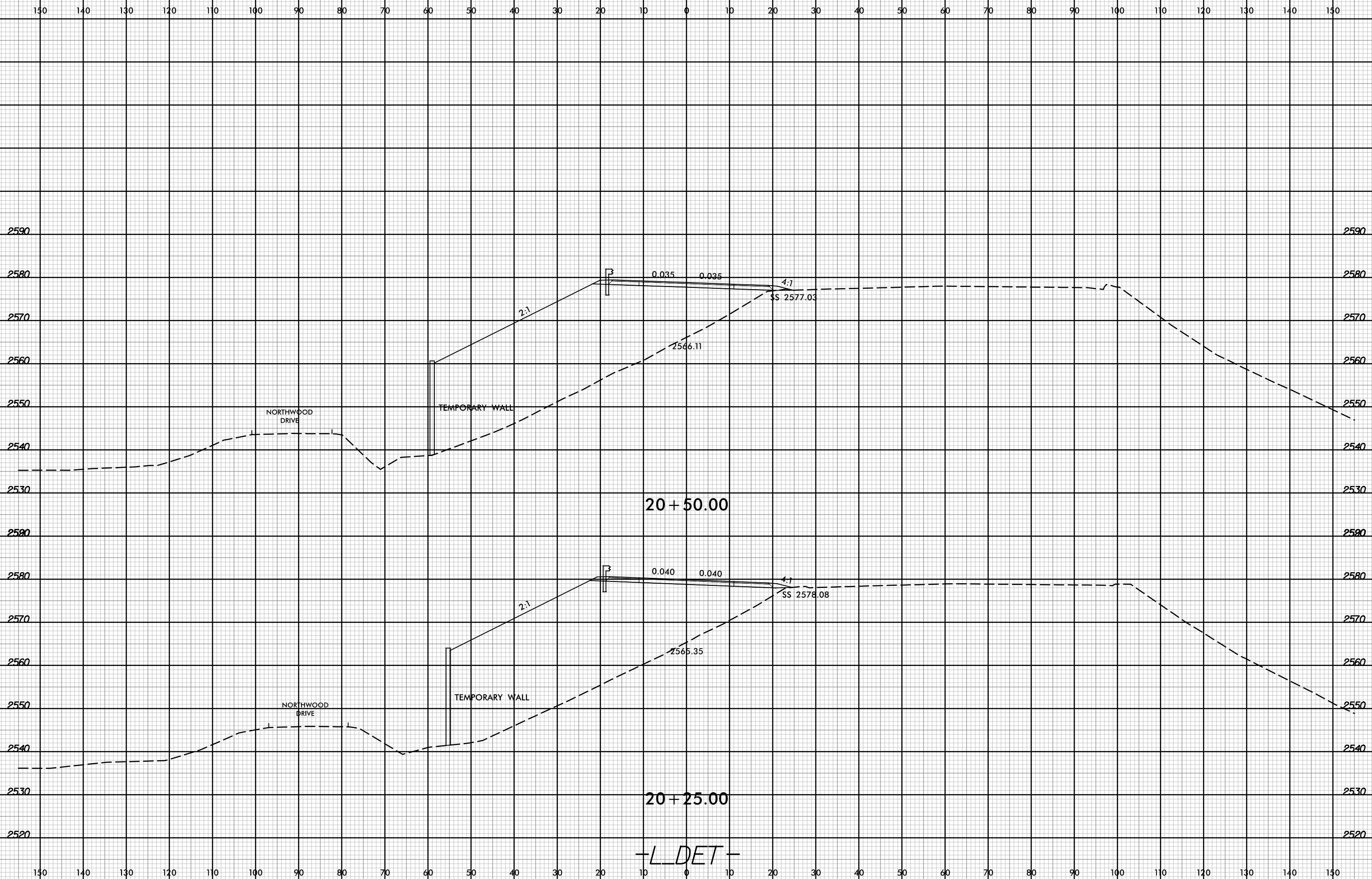
5/17/2024
B-5982
mhuusee

-L DET -

6/23/16

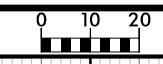


PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-31

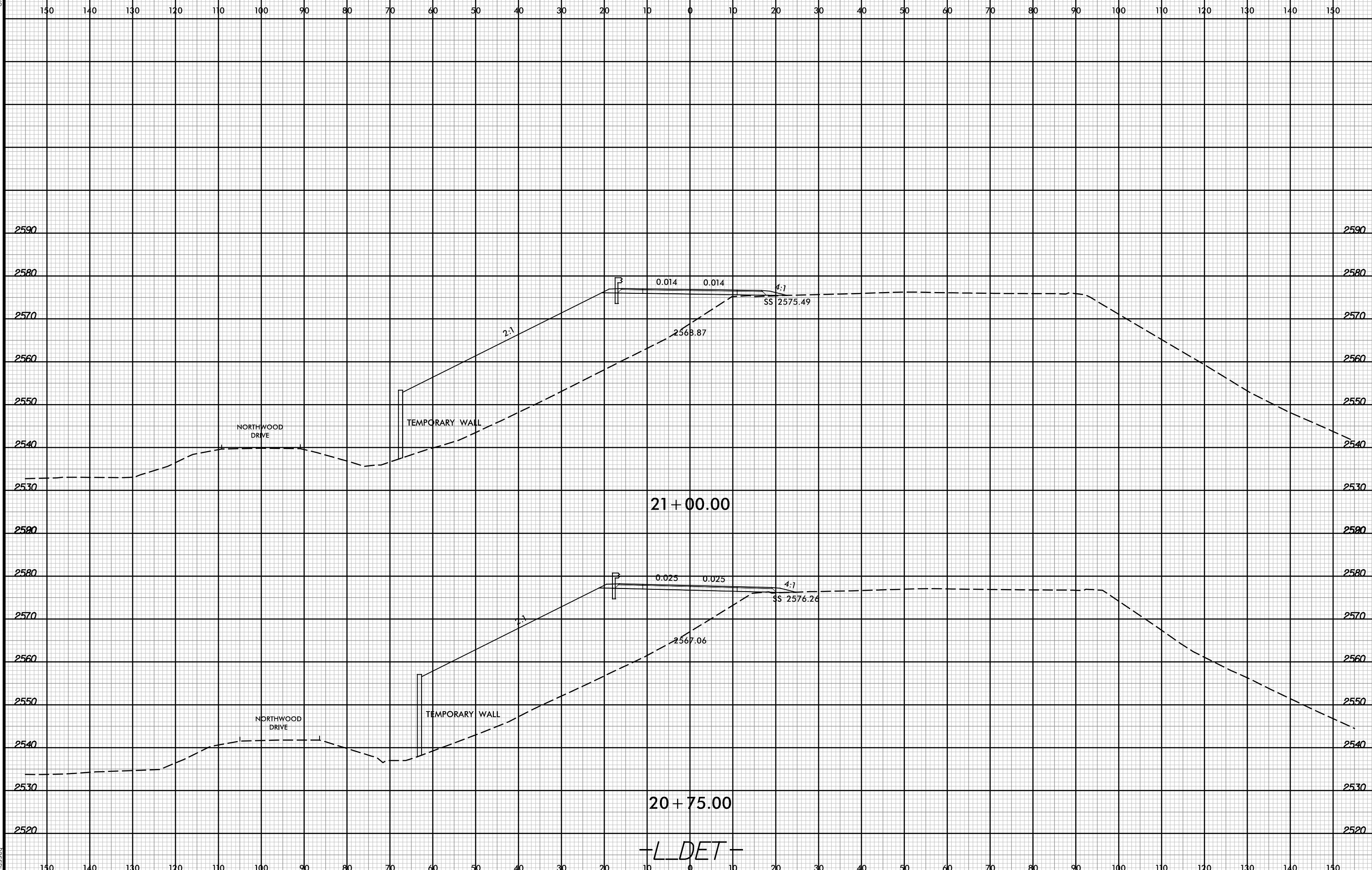


5/17/2024 5:48:22 PM rdy.L_DET_XPL.dgn mhussel

6/23/16



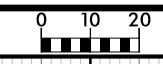
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B-5982	X-32



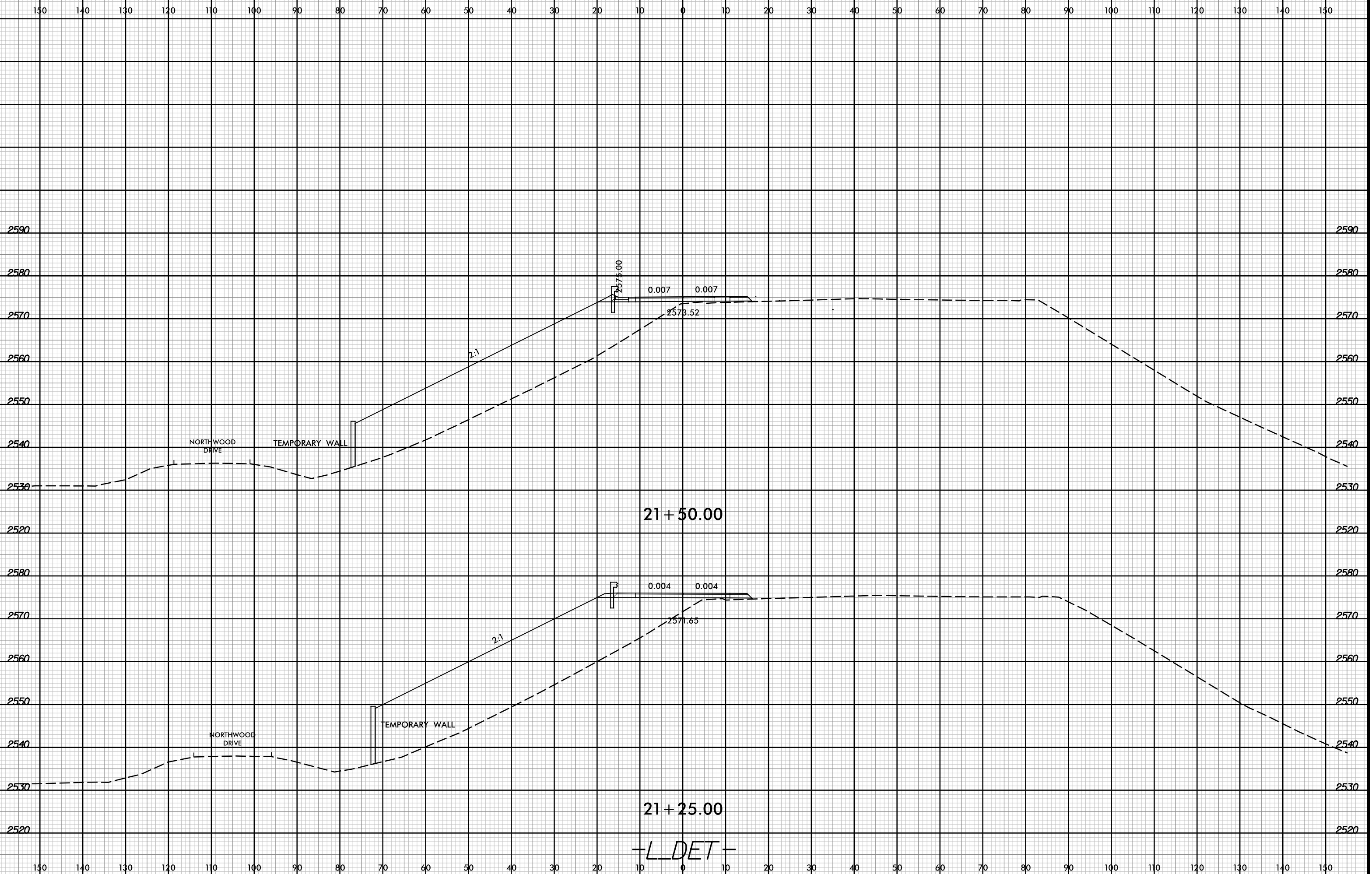
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B-5982
mhuusee

-L DET -

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
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5/17/2024
B-5982
mhuuseel

-L DET -

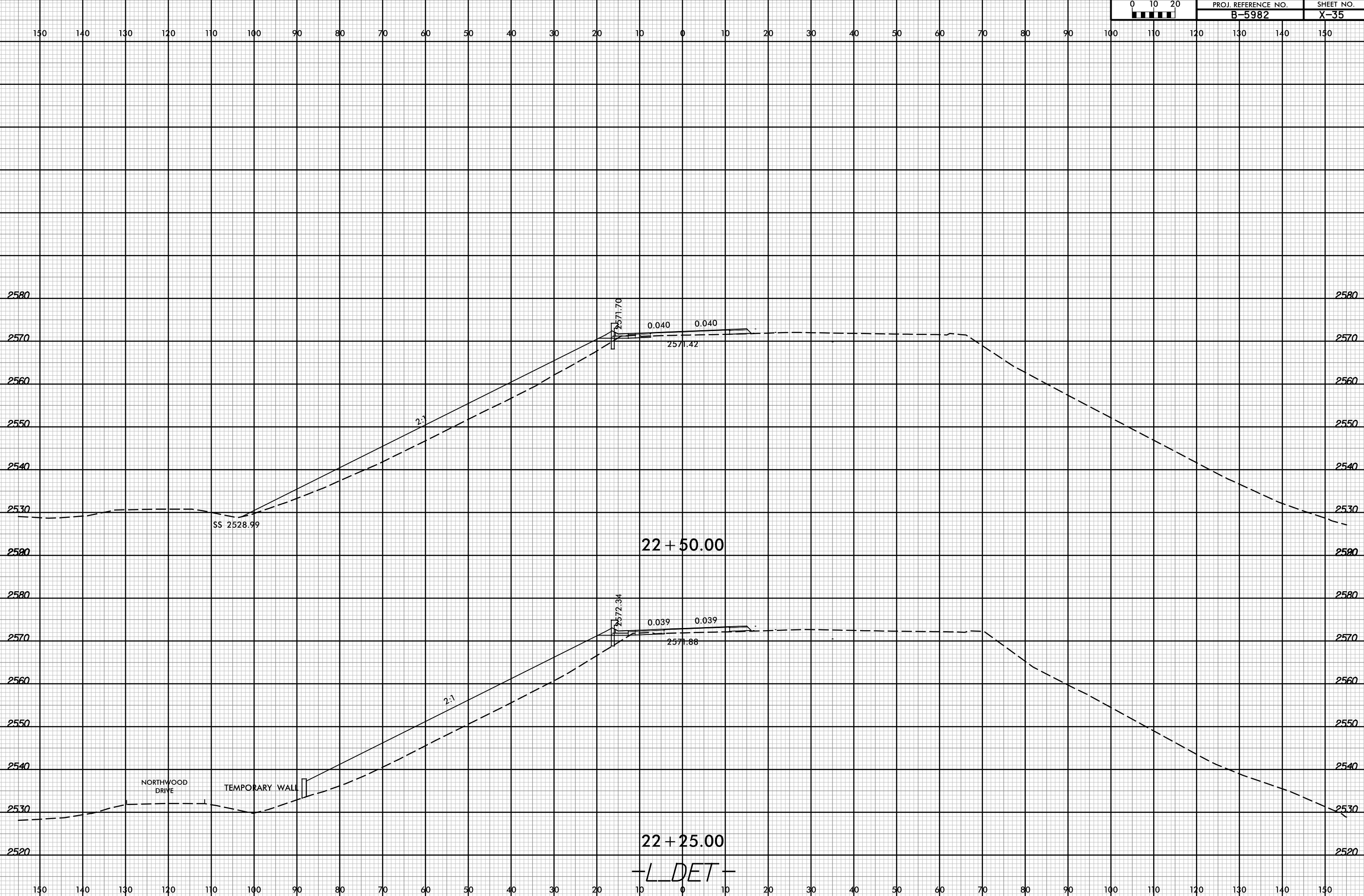
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5/17/2024
B-5982
mhuusee

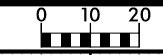
-L DET -

6/23/16

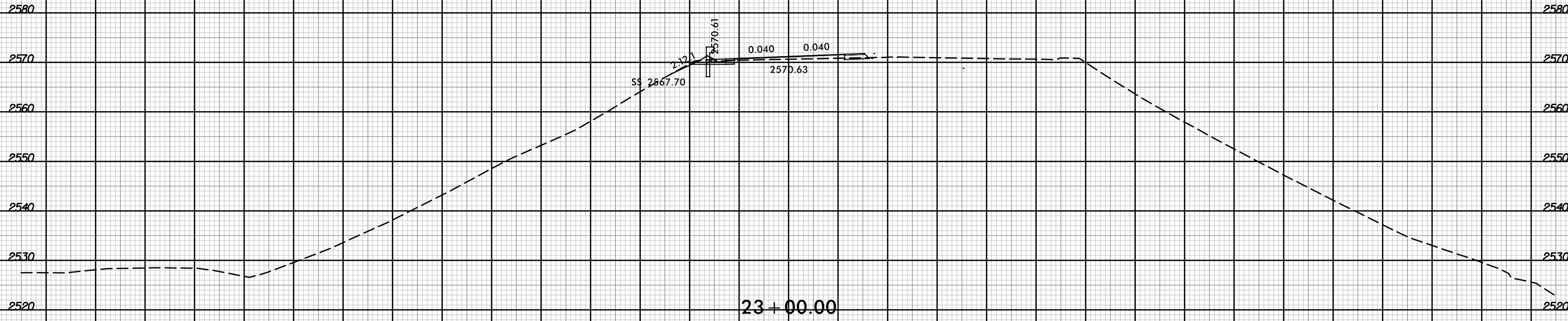


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B-5982
mhuusee

22 + 50.00
22 + 25.00
-L DET -

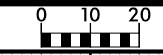


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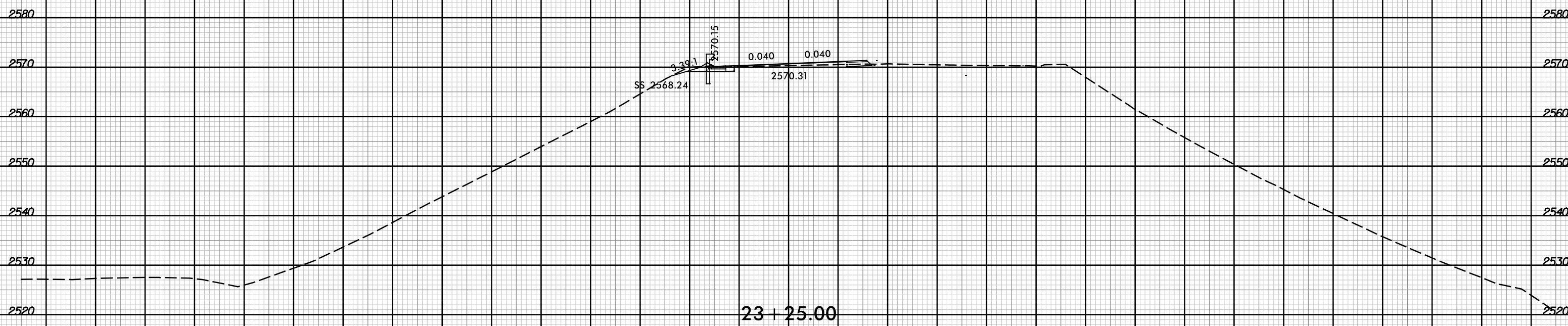
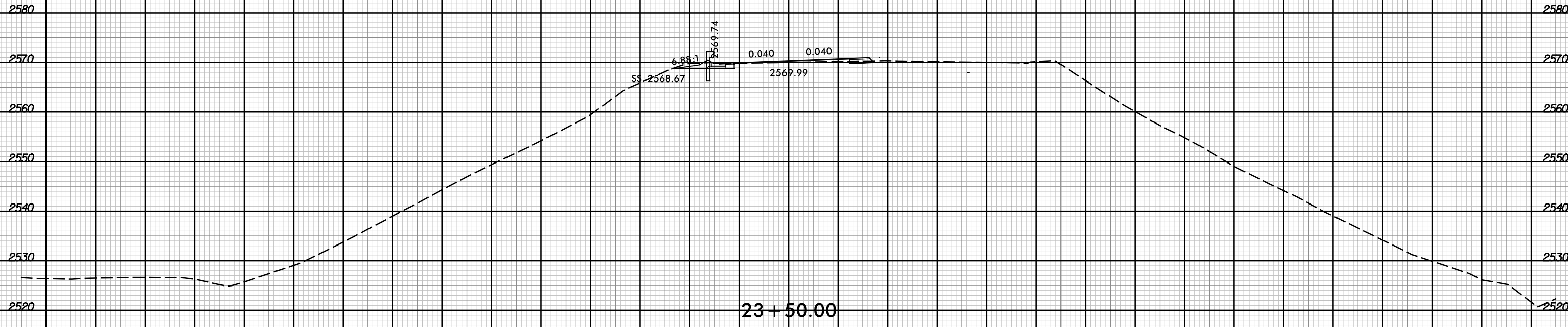


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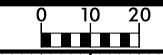


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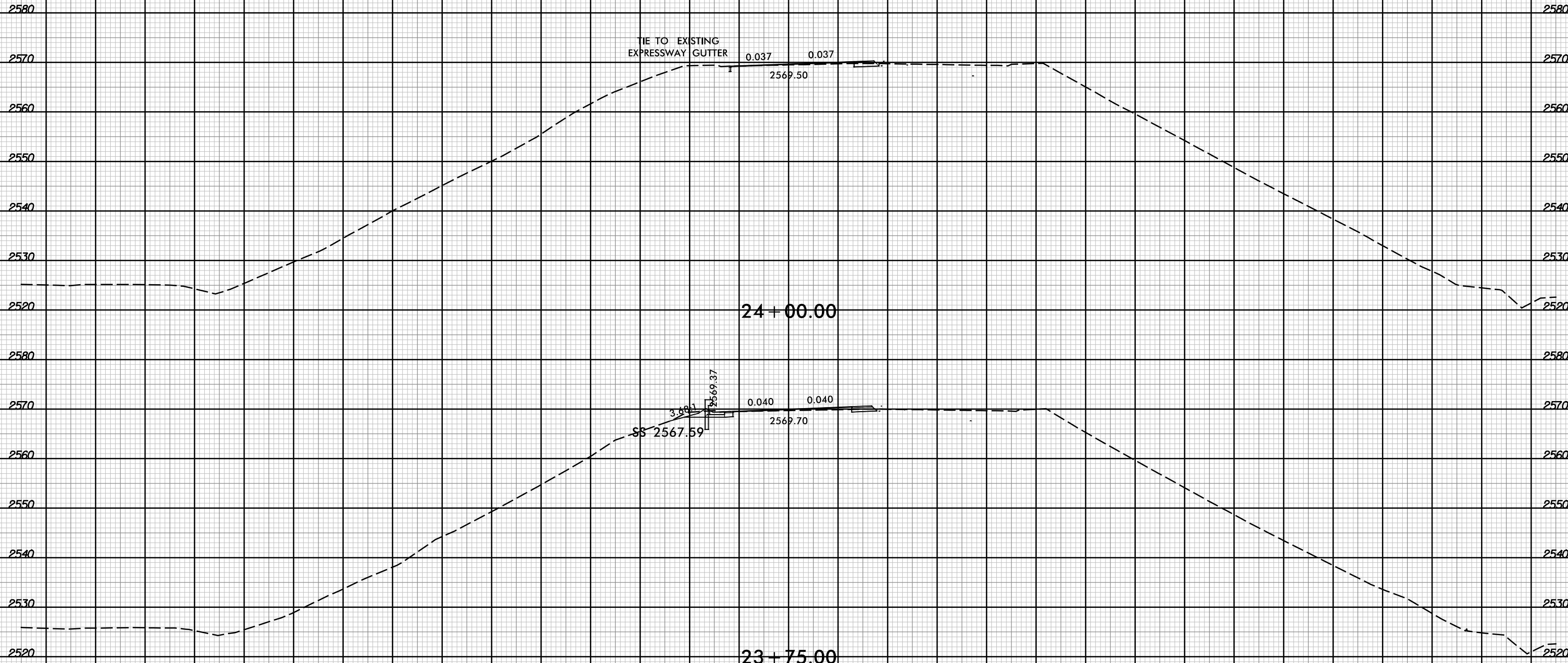


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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



TIE TO EXISTING EXPRESSWAY GUTTER

0.037 0.037

2569.50

24 + 00.00

SS 2567.59

3.68%

2569.37

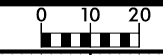
0.040 0.040

2569.70

23 + 75.00

-L DET -

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

2580

2580

2570

2570

2560

2560

2550

2550

2540

2540

2530

2530

2520

2520

TIE TO EXISTING
EXPRESSWAY GUTTER

0.028

0.028

2569.29

24 + 25.00

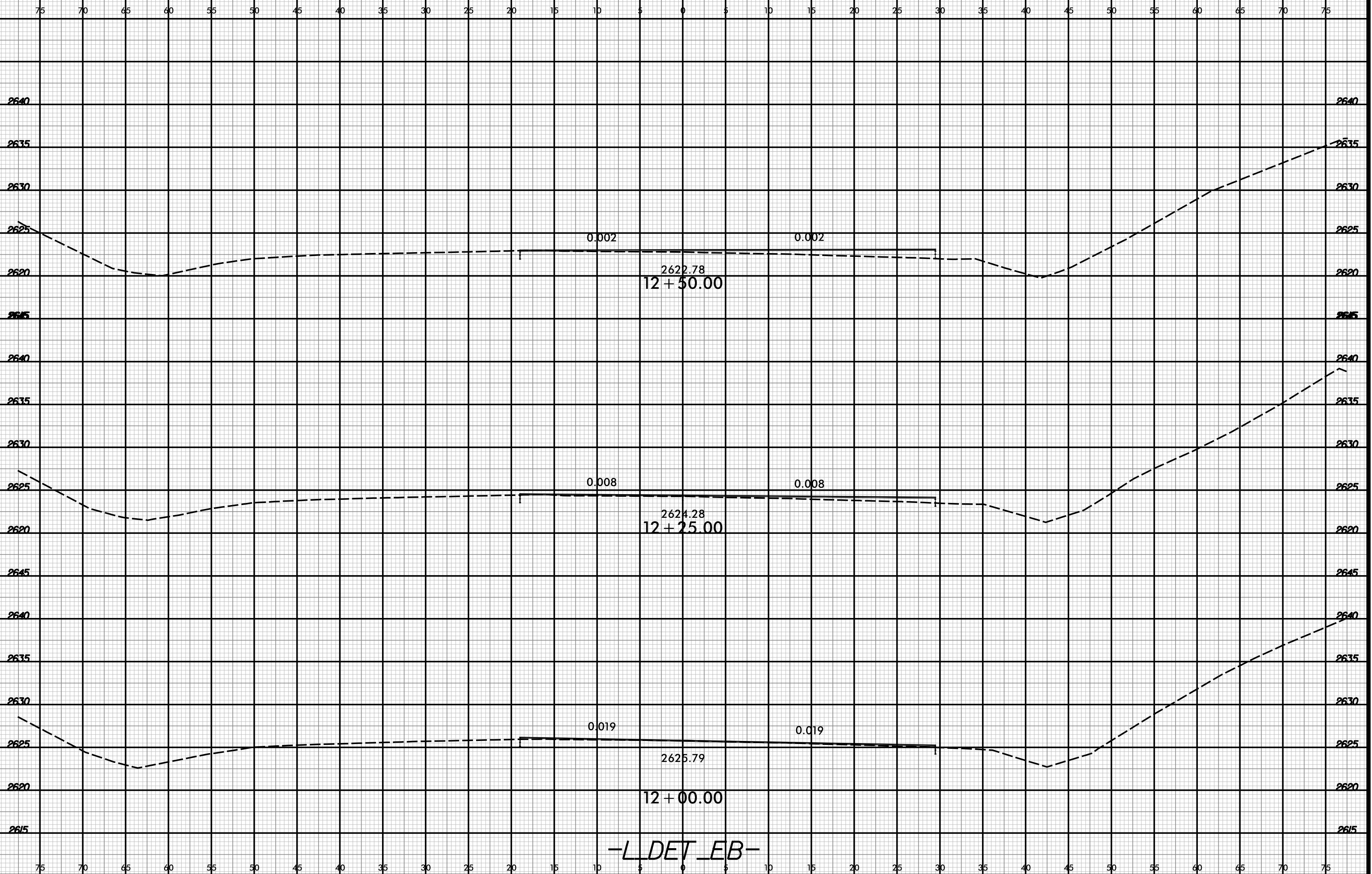
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6/23/16



PROJ. REFERENCE NO.	SHEET NO.
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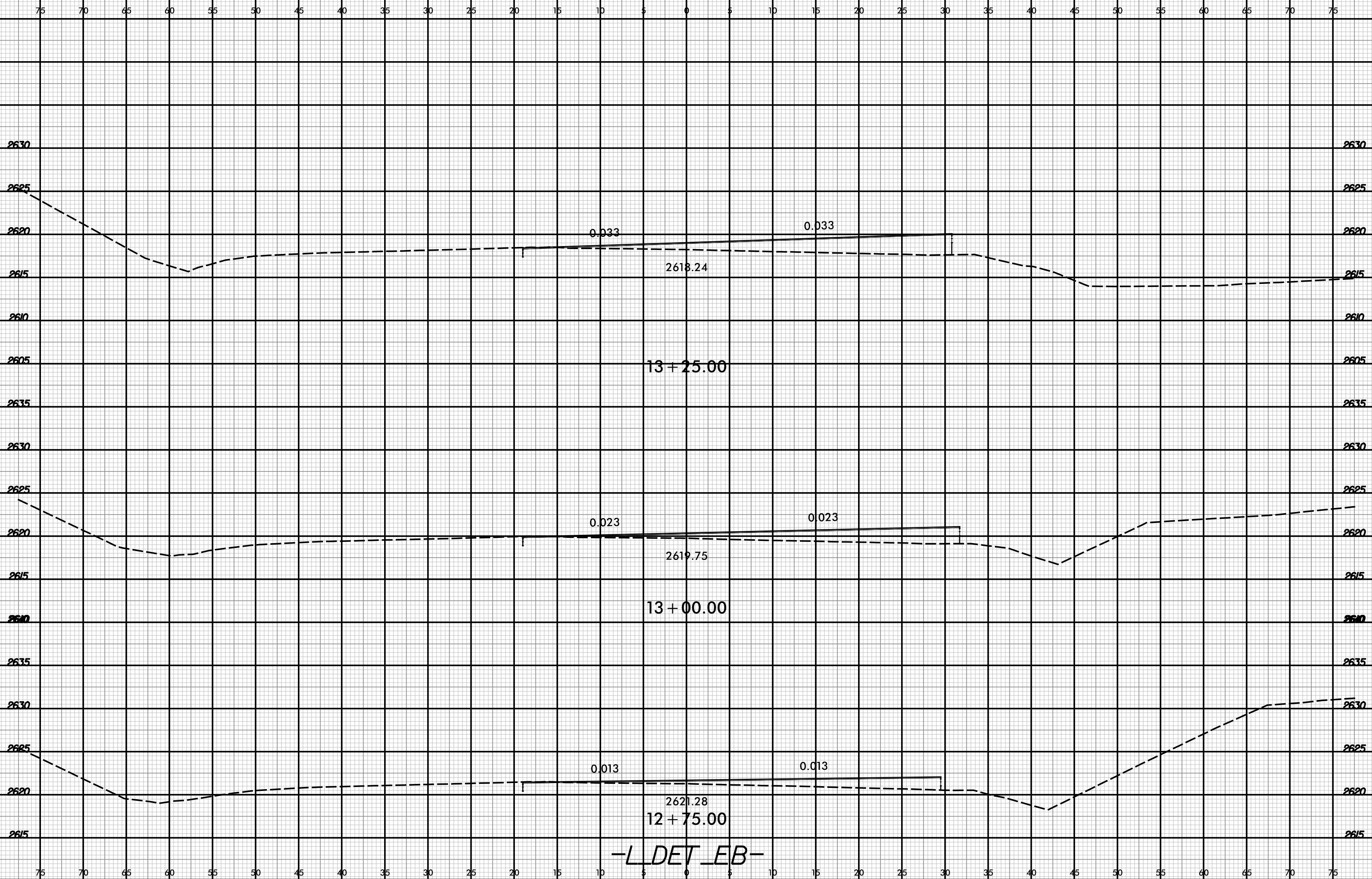
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B-5982.dwg
P. Martin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-41



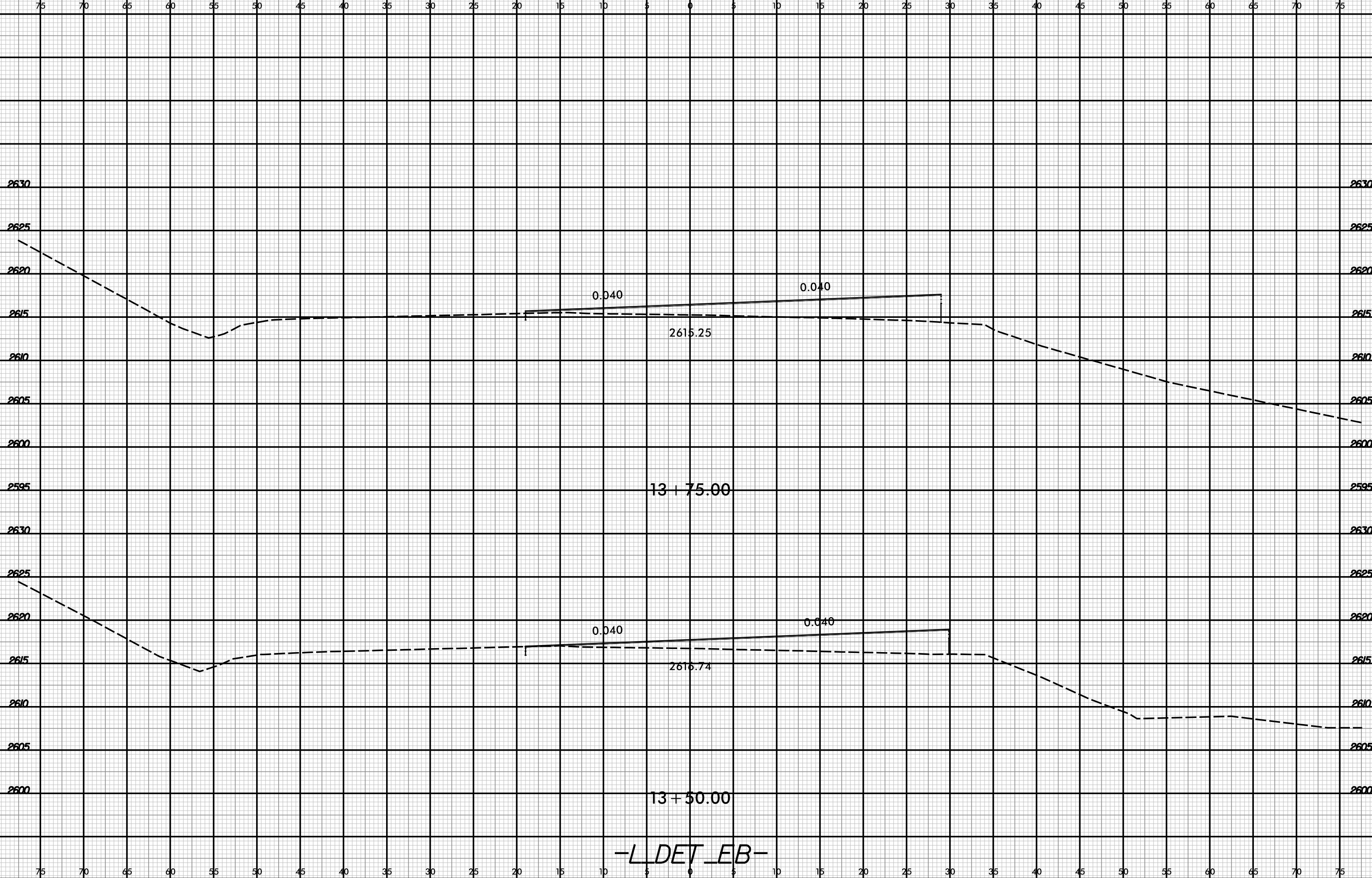
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4/7/2023
B5982.dwg
P. Martin

6/23/16



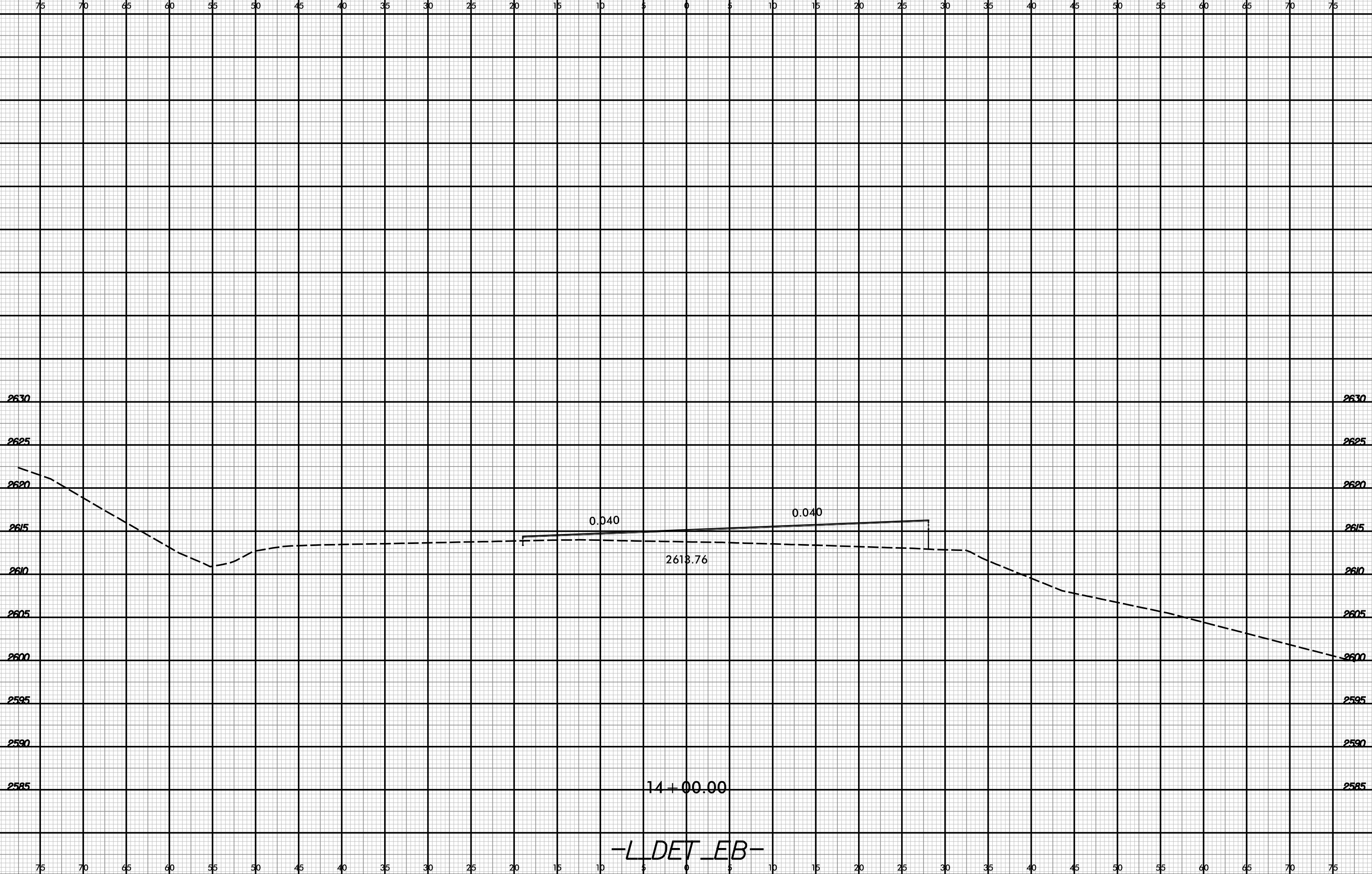
PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-42



4/7/2023
B-5982.dwg
P. Marin

-L DET EB-

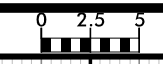
6/23/16



4/7/2023
B-5982.dwg
P. Marin

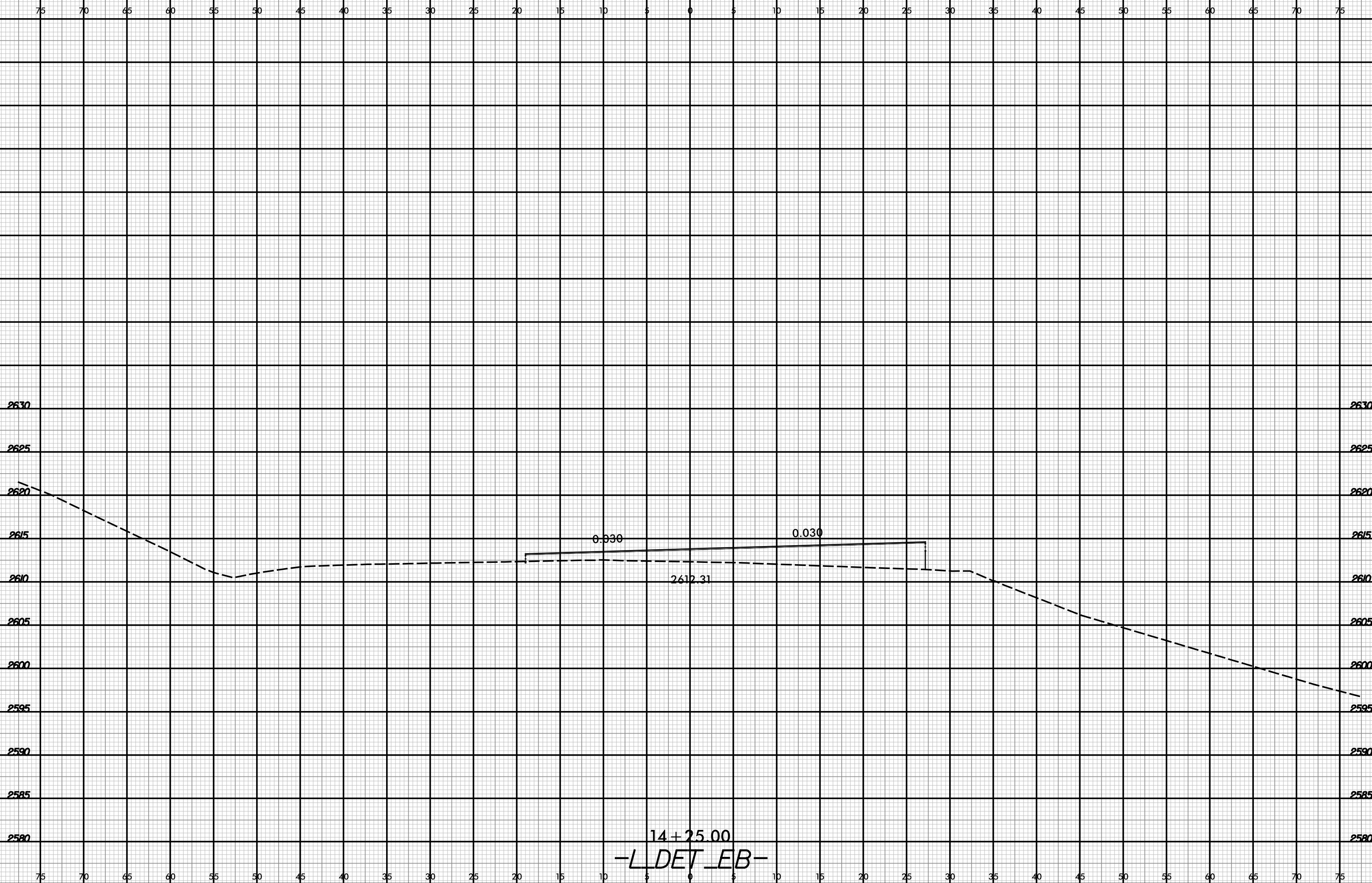
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6/23/16



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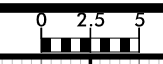
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X-44



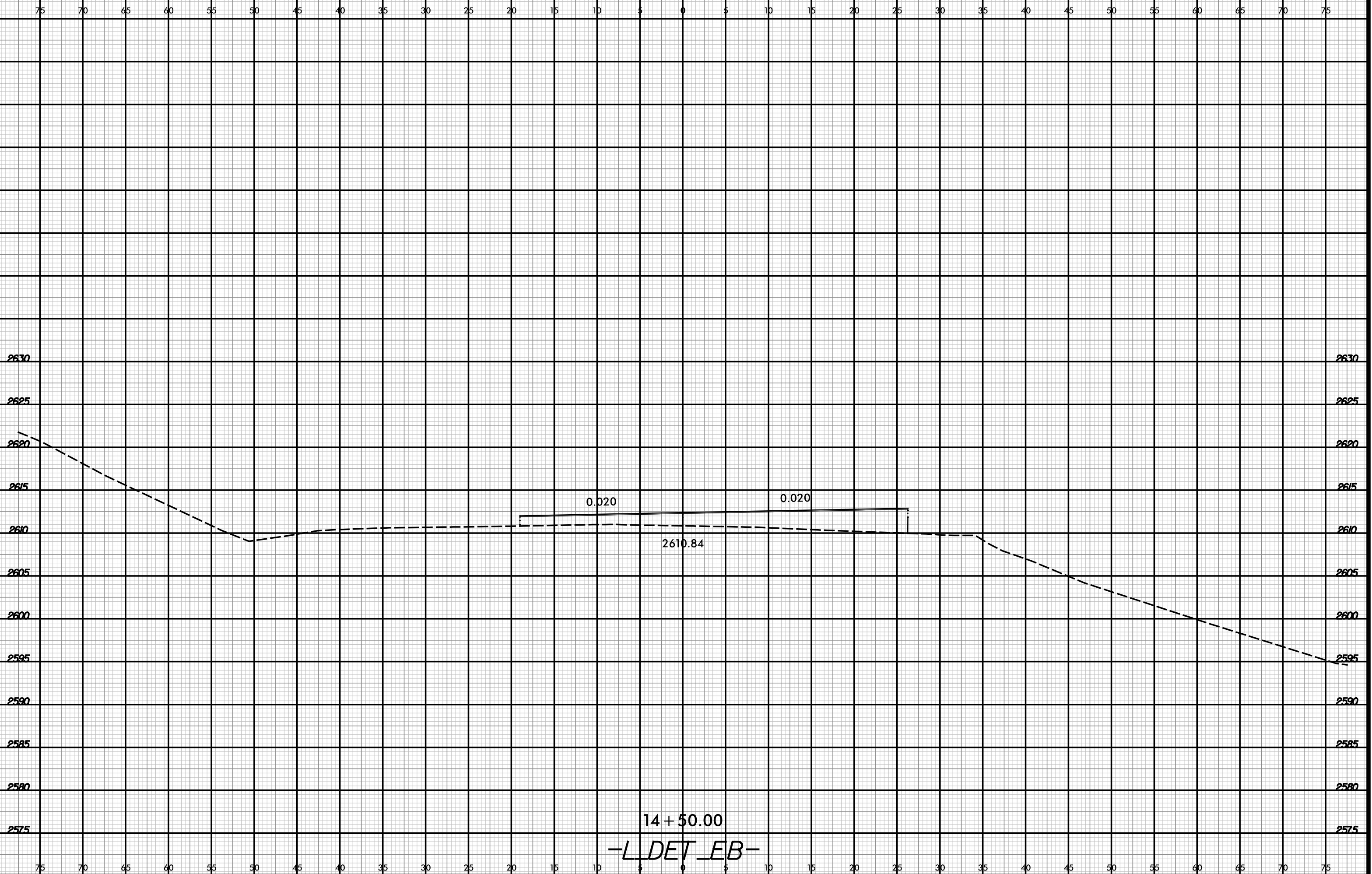
14 + 25.00
-L DET EB-

4/7/2023
B-5982.dwg
P:\Marin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-45



14 + 50.00

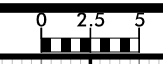
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4/7/2023
B-5982.dwg
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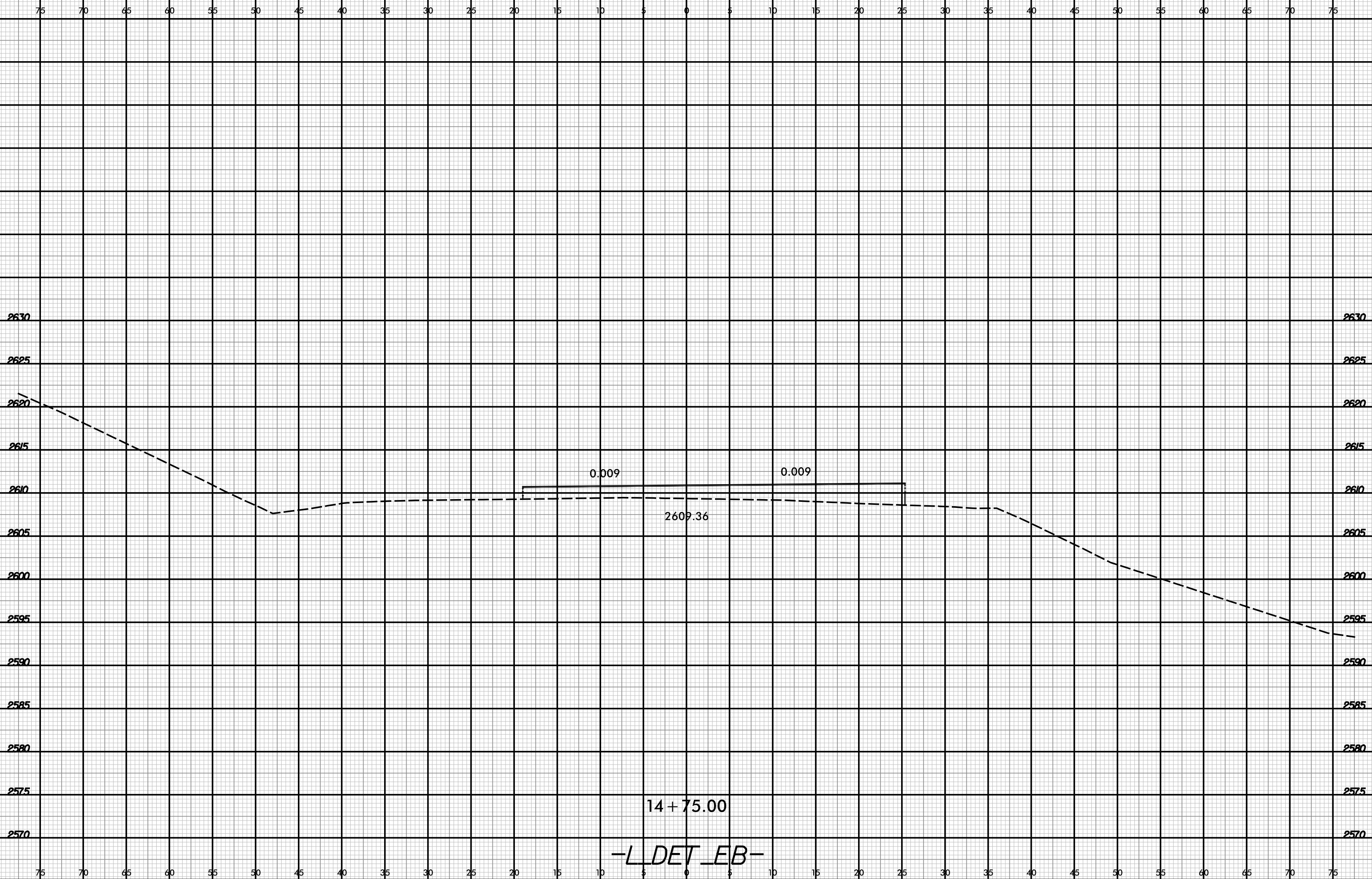
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 2625 2625
 2620 2620
 2615 2615
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 2605 2605
 2600 2600
 2595 2595
 2590 2590
 2585 2585
 2580 2580
 2575 2575

6/23/16



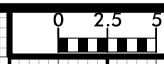
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SHEET NO.
X-46

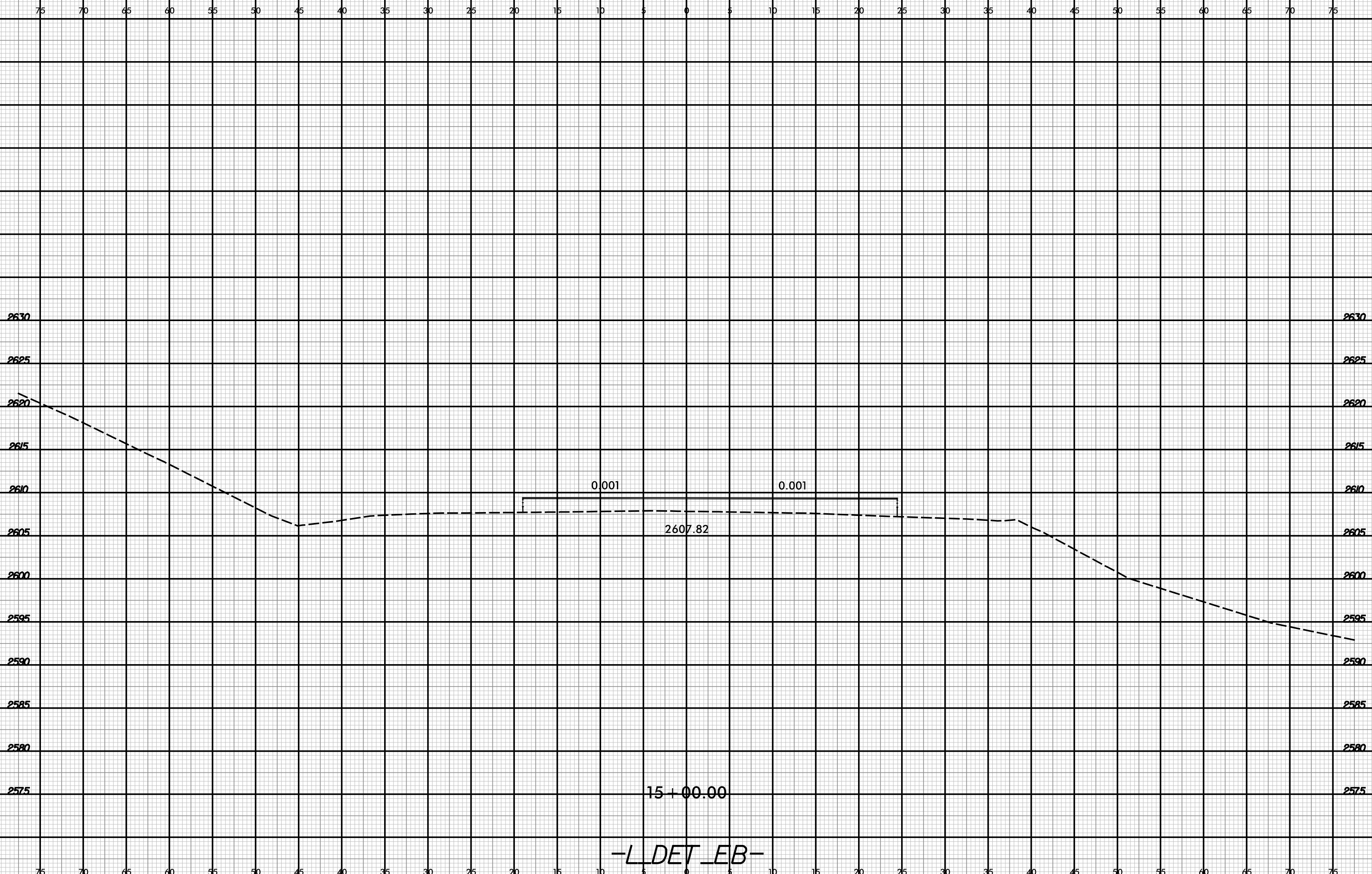


4/7/2023
B-5982.dwg
P. Martin

6/23/16



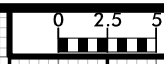
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B-5982	X-47



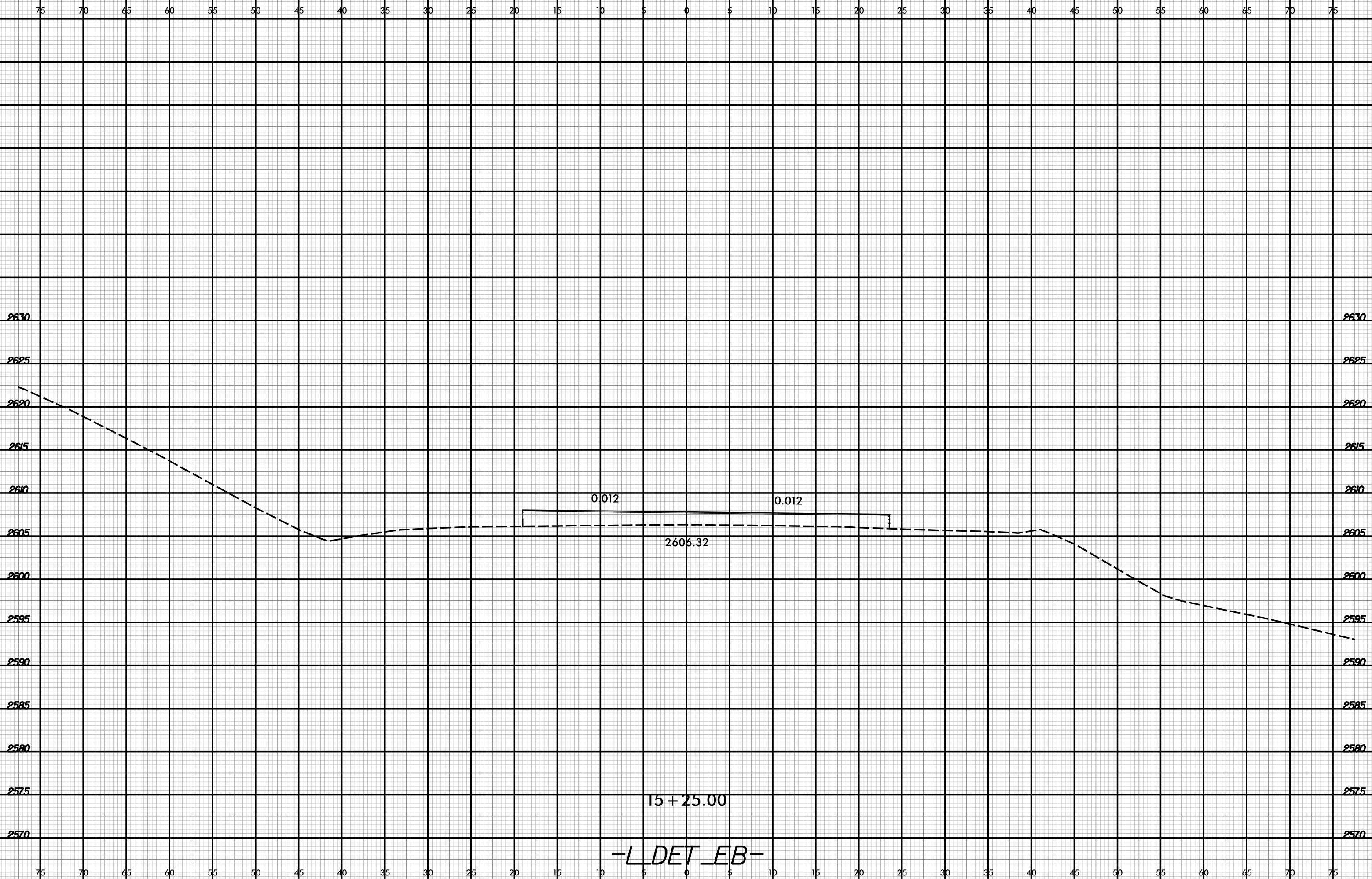
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-L DET EB-

6/23/16

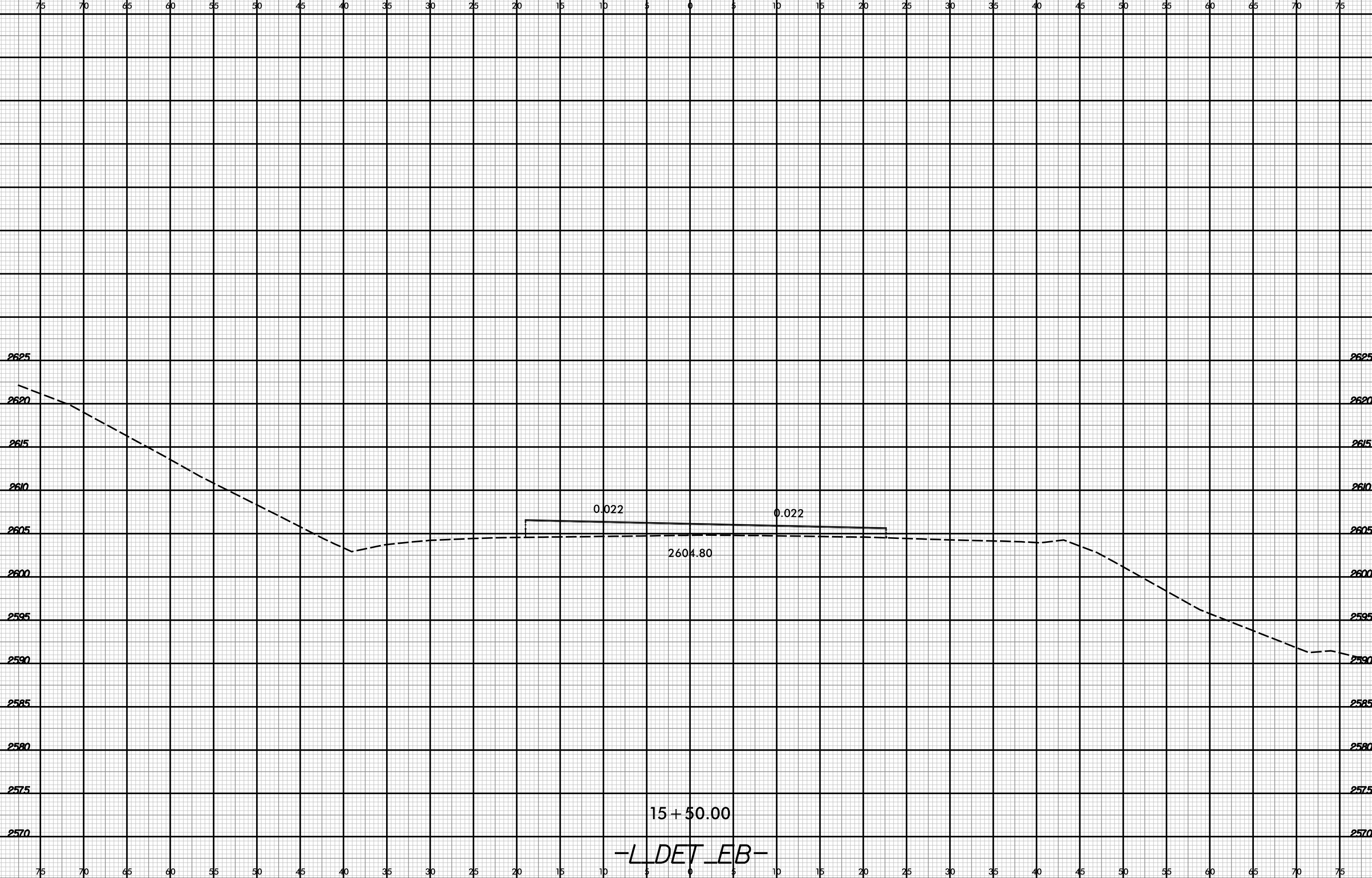


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4/7/2023
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P. Martin

6/23/16

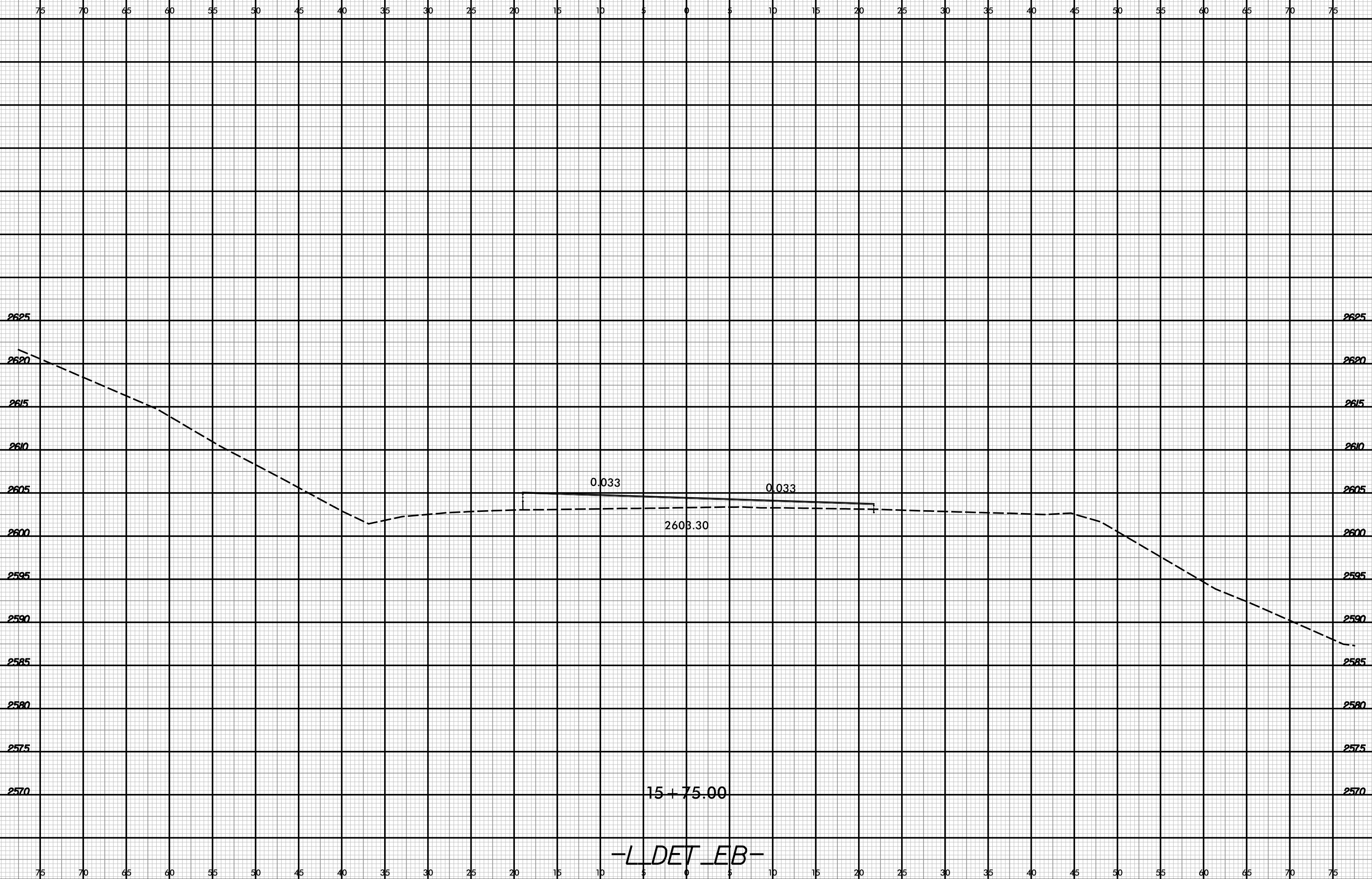


6/23/16



PROJ. REFERENCE NO.
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SHEET NO.
X-50



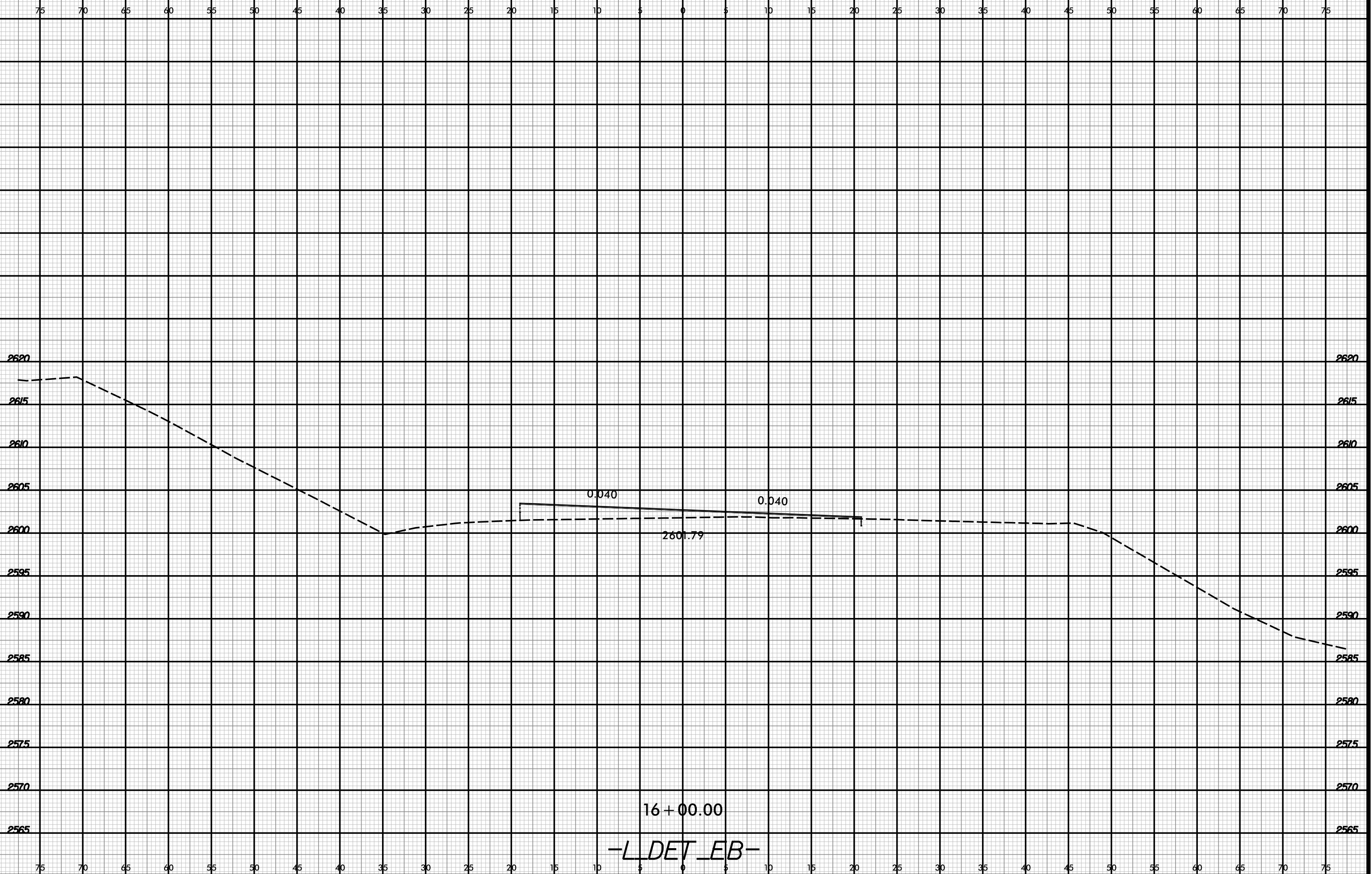
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-L DET EB-

6/23/16



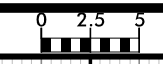
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4/7/2023
B-5982.dwg
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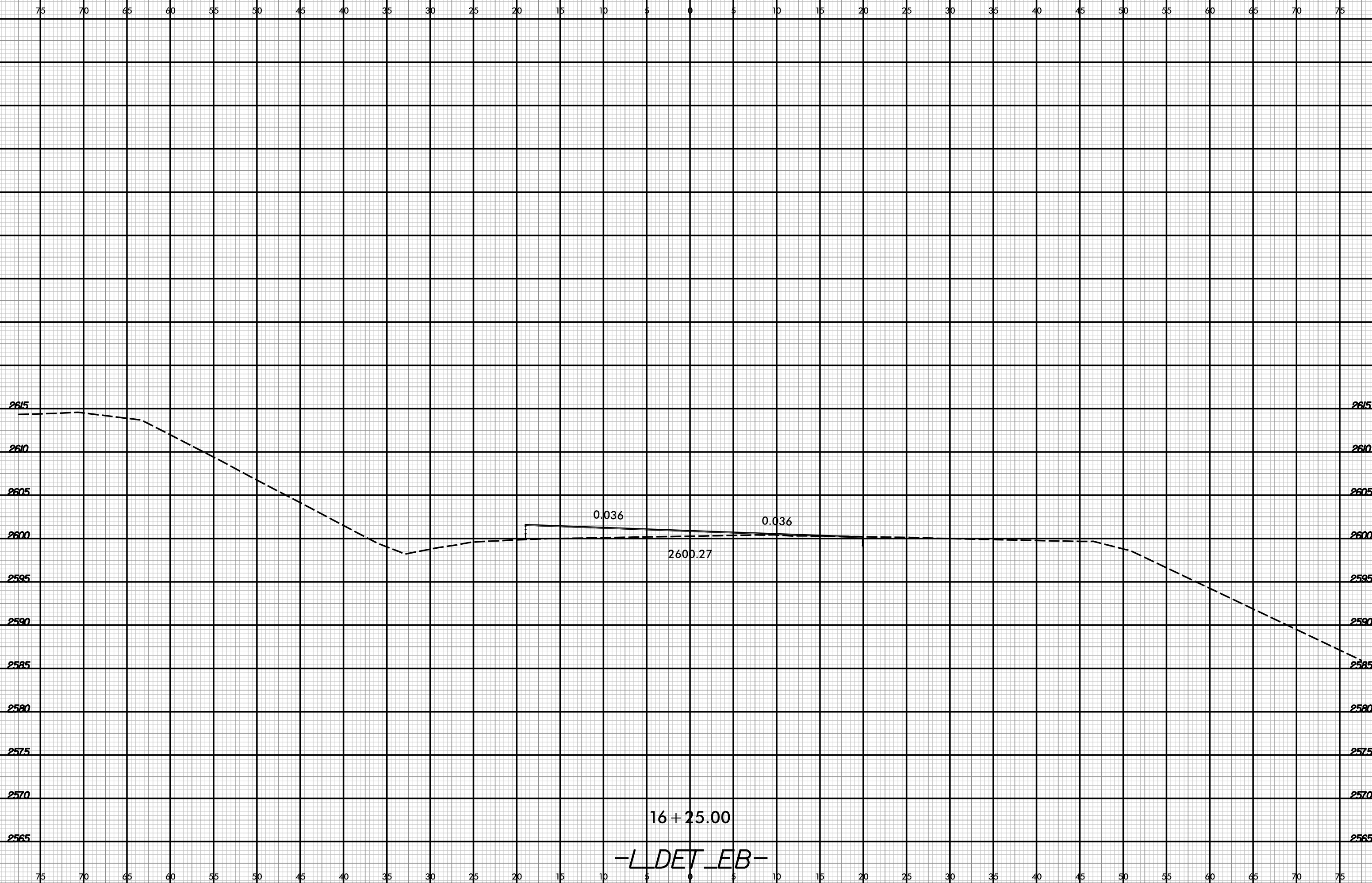
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6/23/16



PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-52

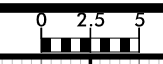


16 + 25.00

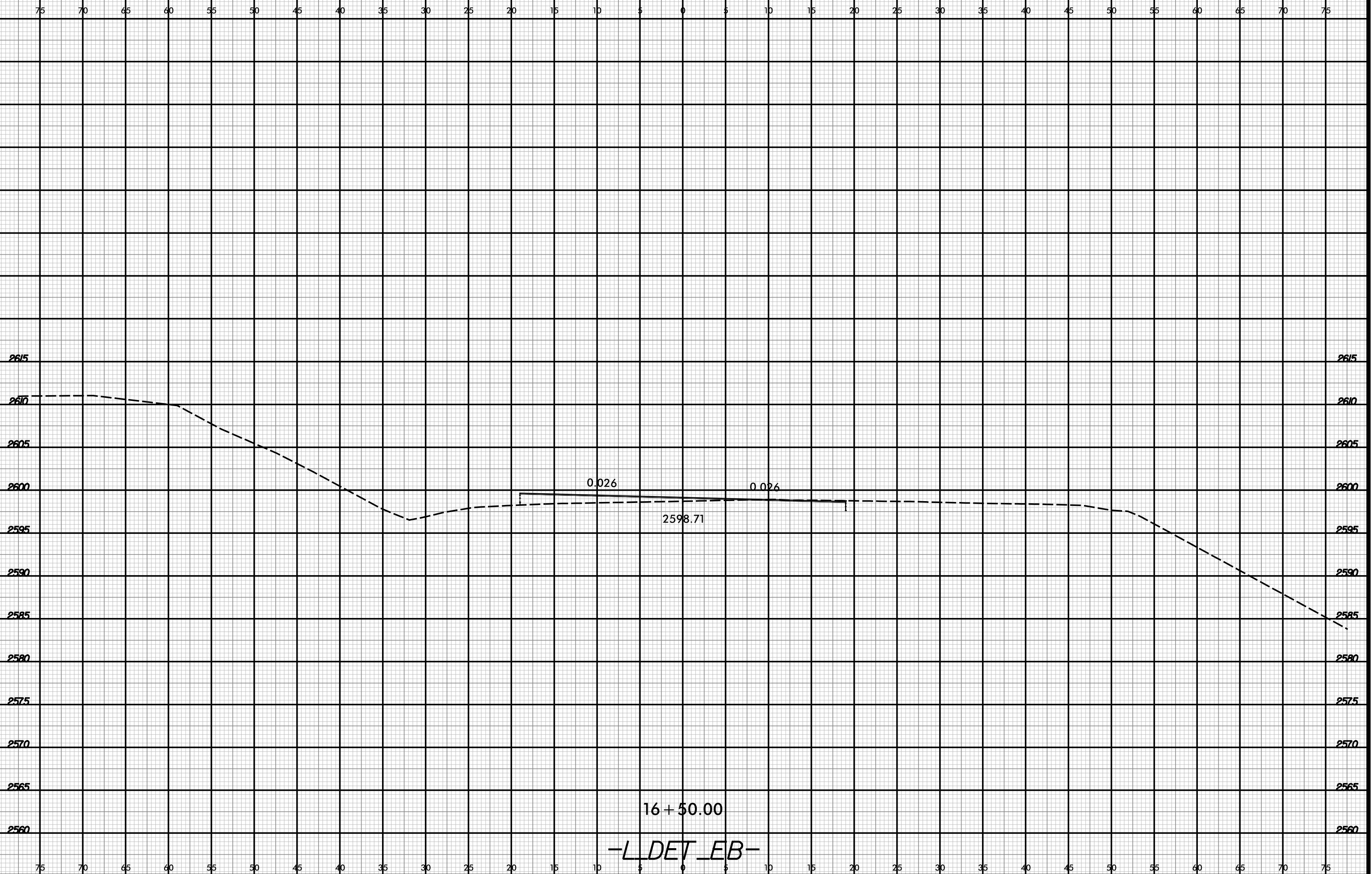
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4/7/2023
B-5982.dwg
P. Marin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-53

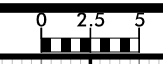


16 + 50.00

-L DET EB-

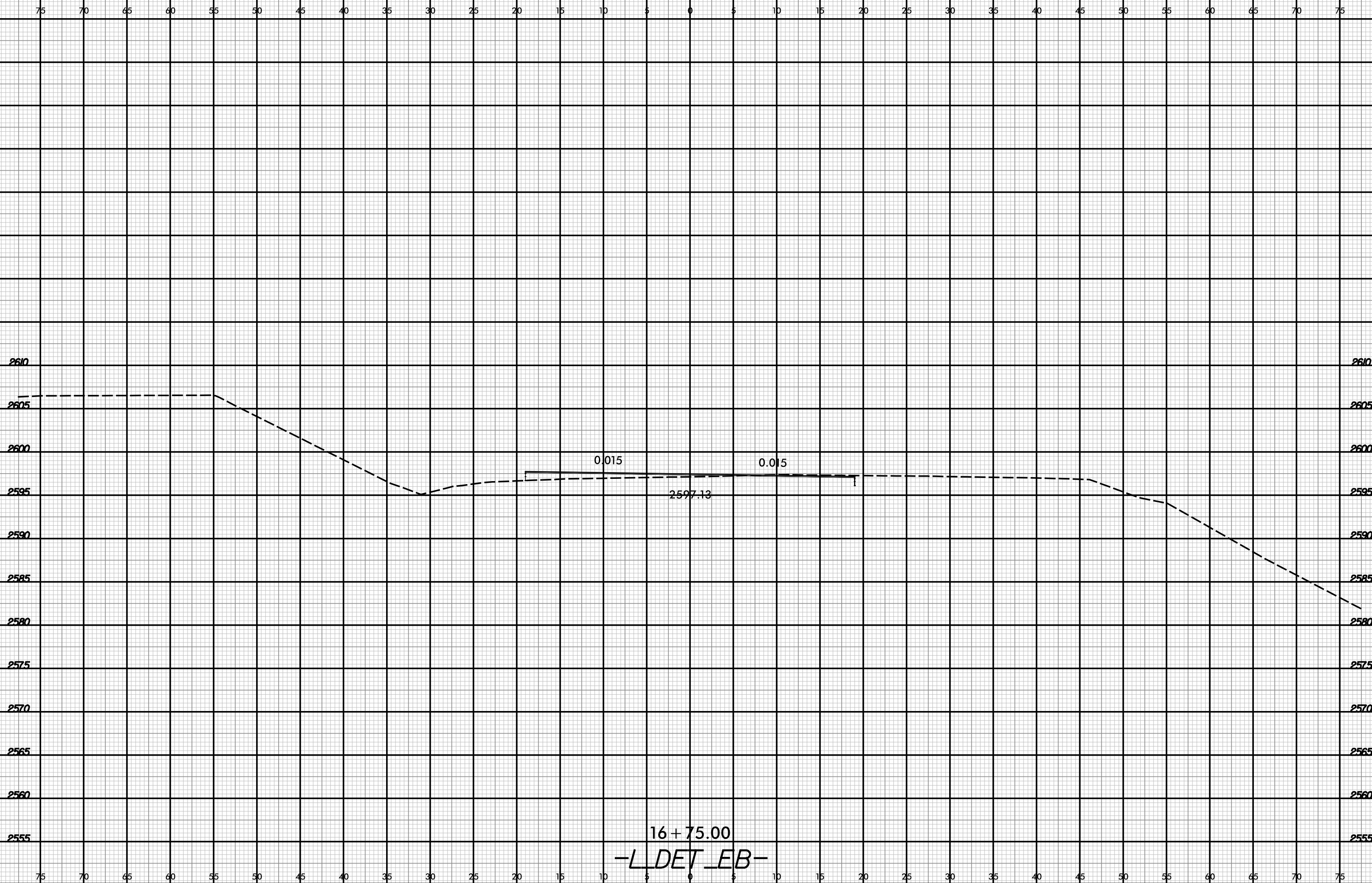
4/7/2023
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P. Martin

6/23/16



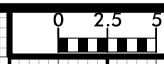
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SHEET NO.
X-54

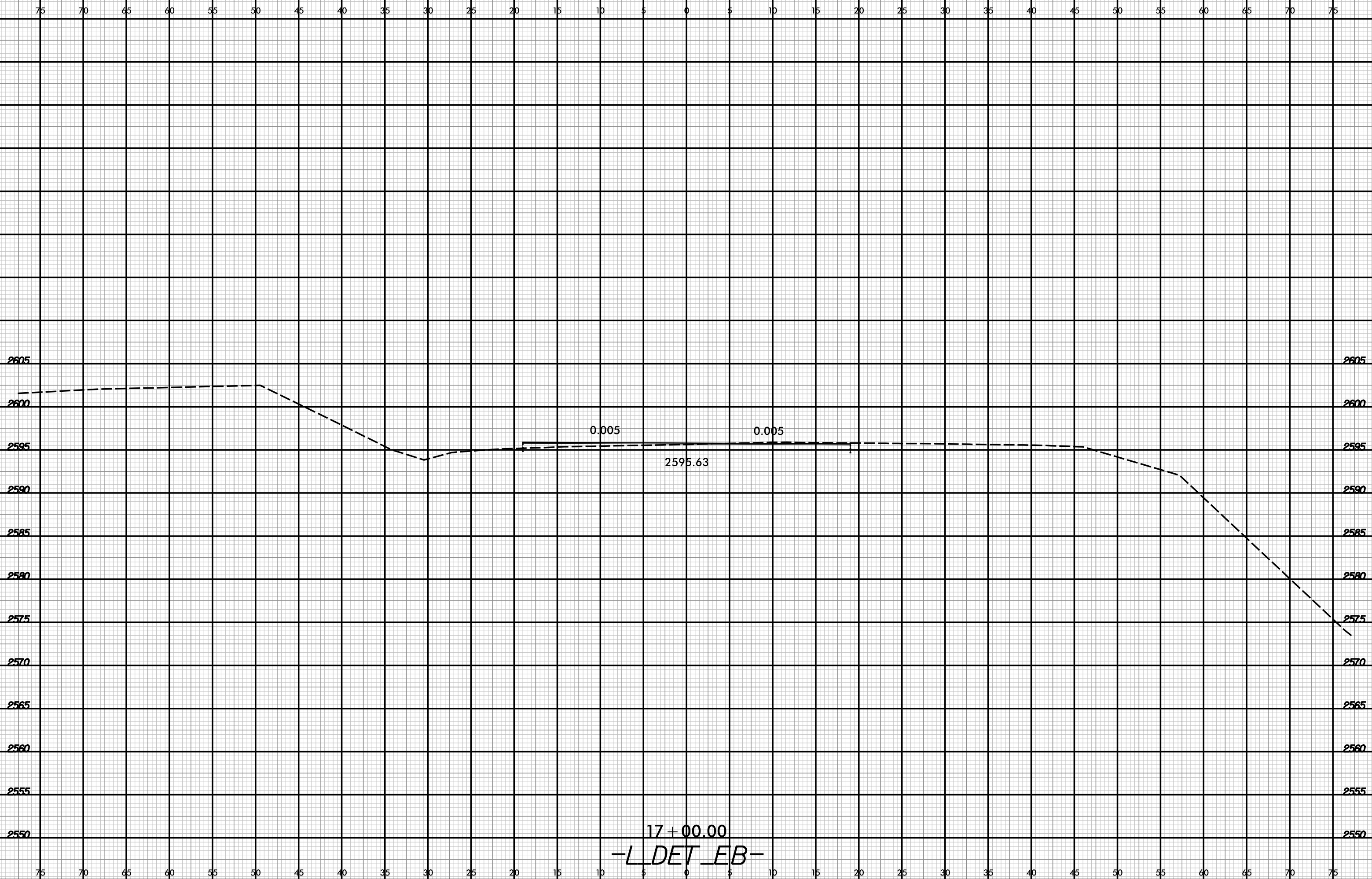


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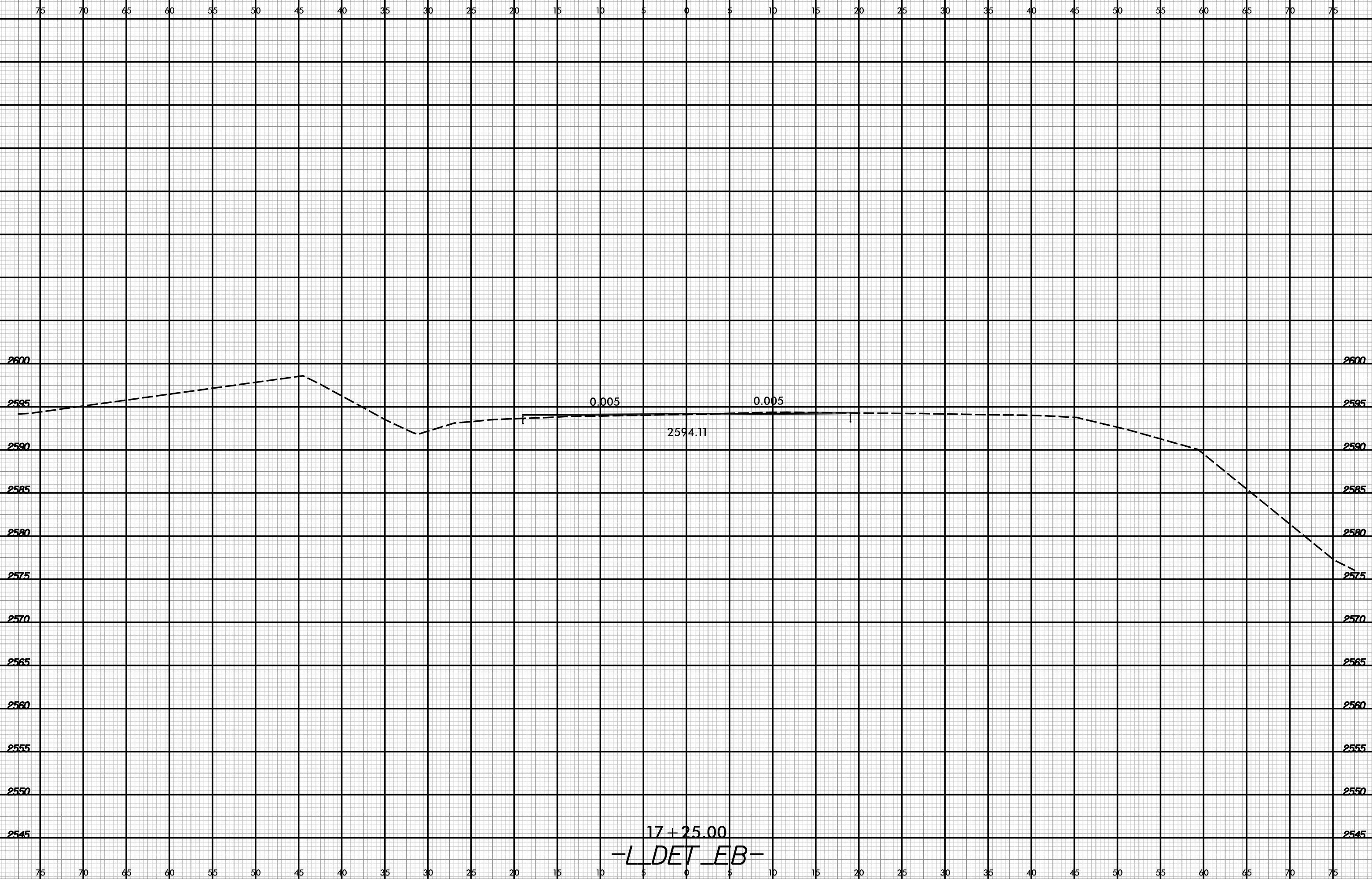
PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-55



4/7/2023
B-5982.dwg
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17+00.00
-L DET EB-

6/23/16



17+25.00
 -L DET EB-

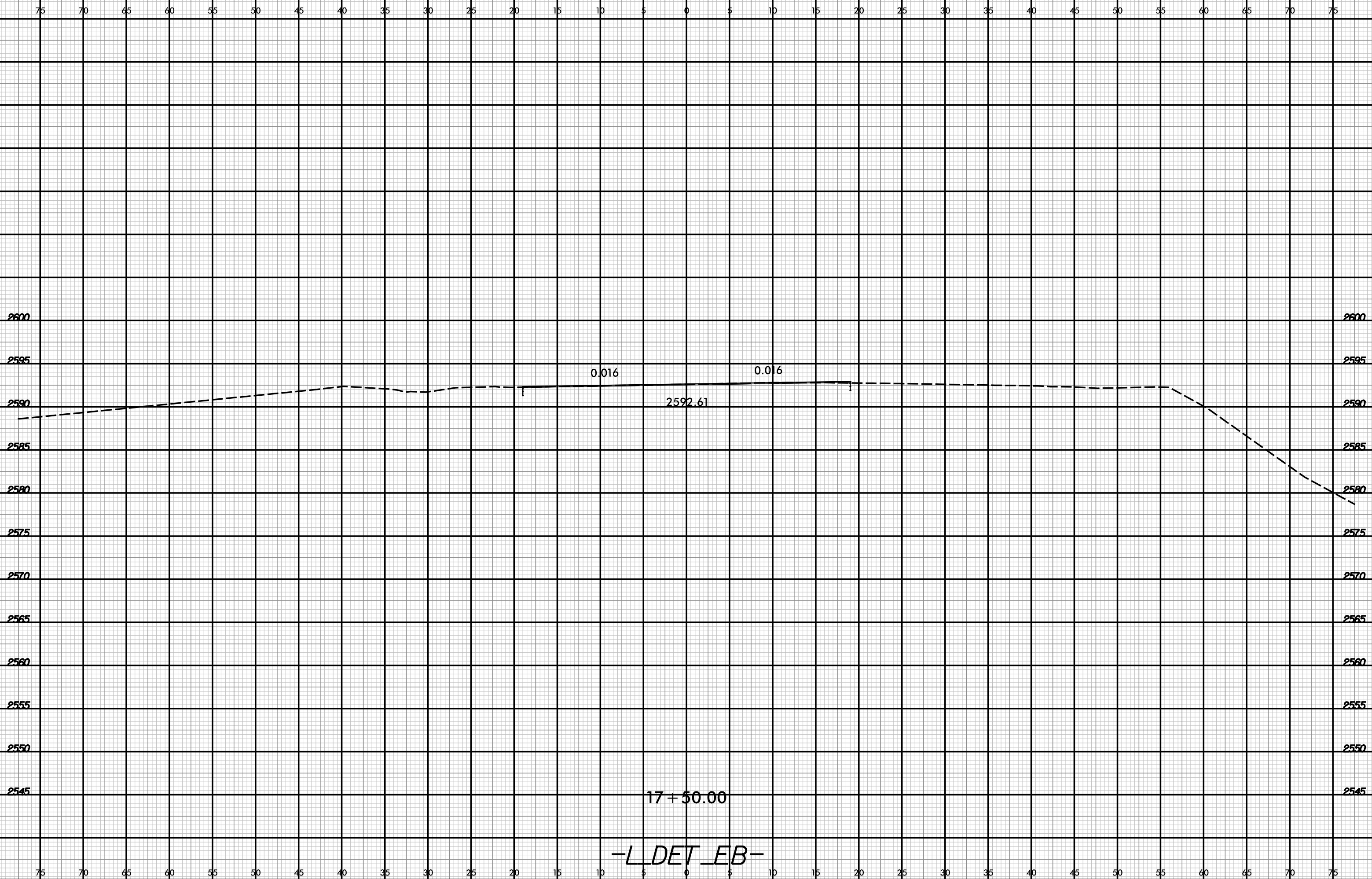
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6/23/16



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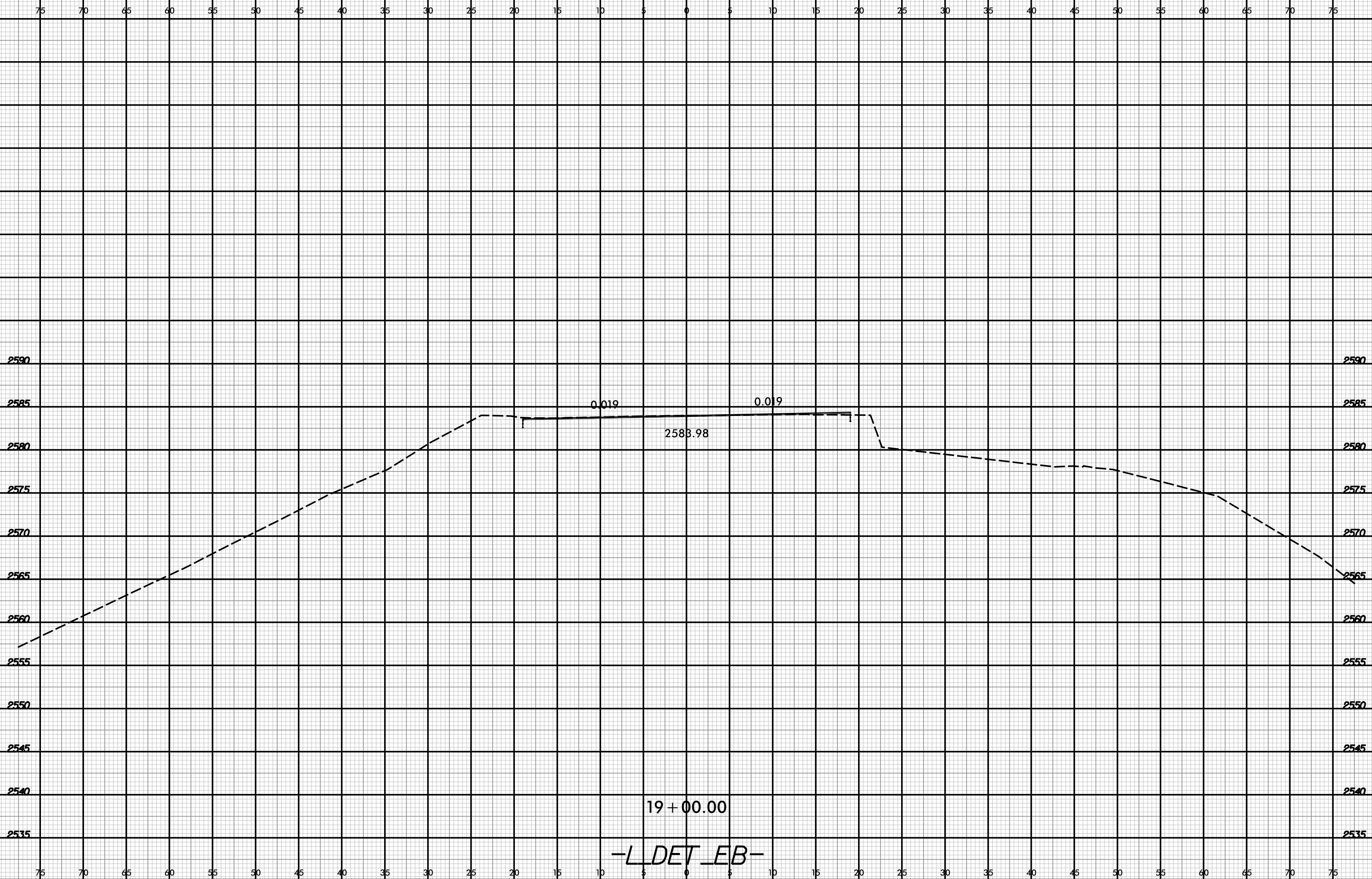
SHEET NO.
X-57



17 + 50.00

-L DET EB-

4/7/2023
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P. Martin

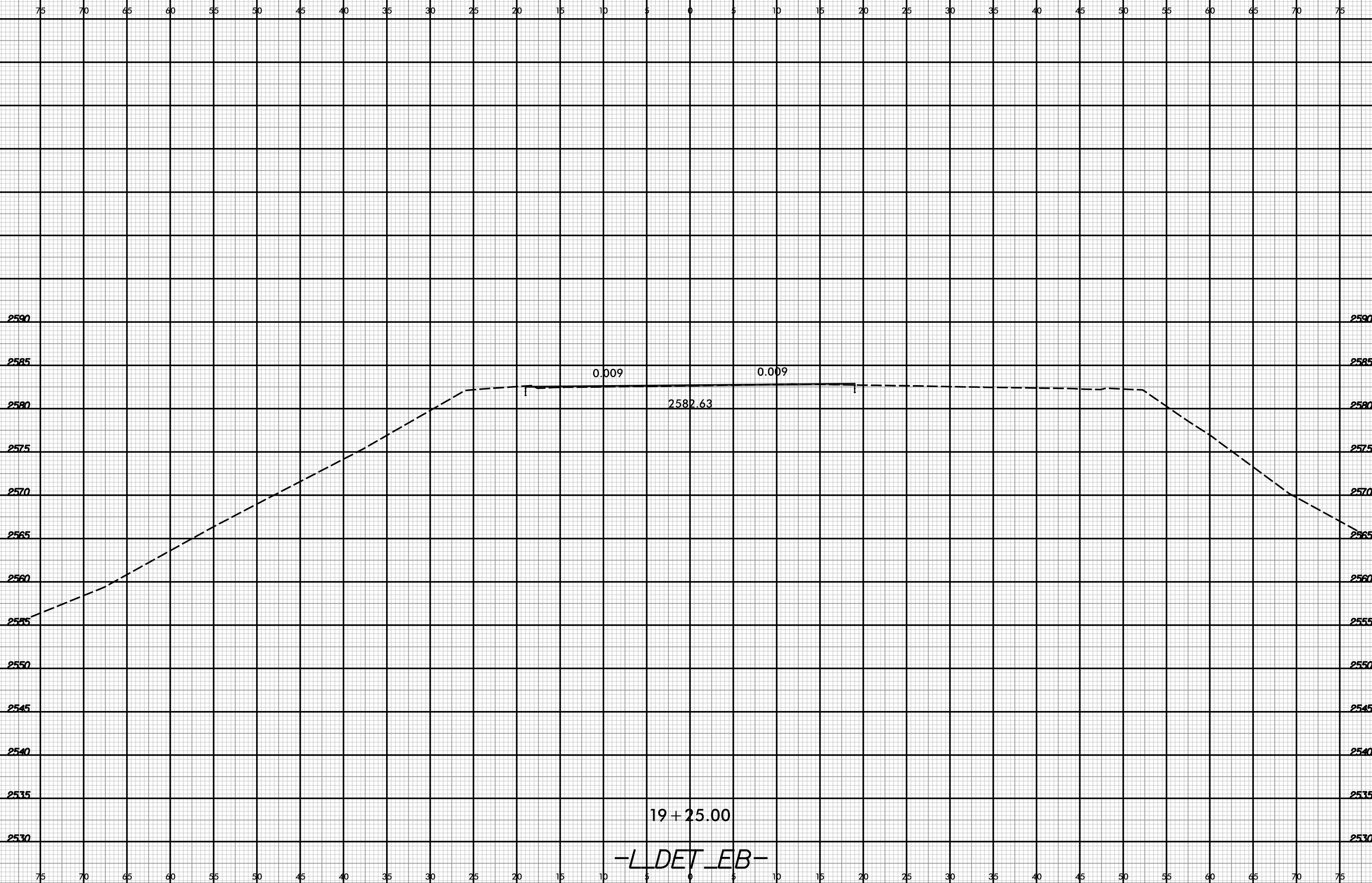


6/23/16



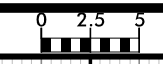
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B-5982

SHEET NO.
X-59



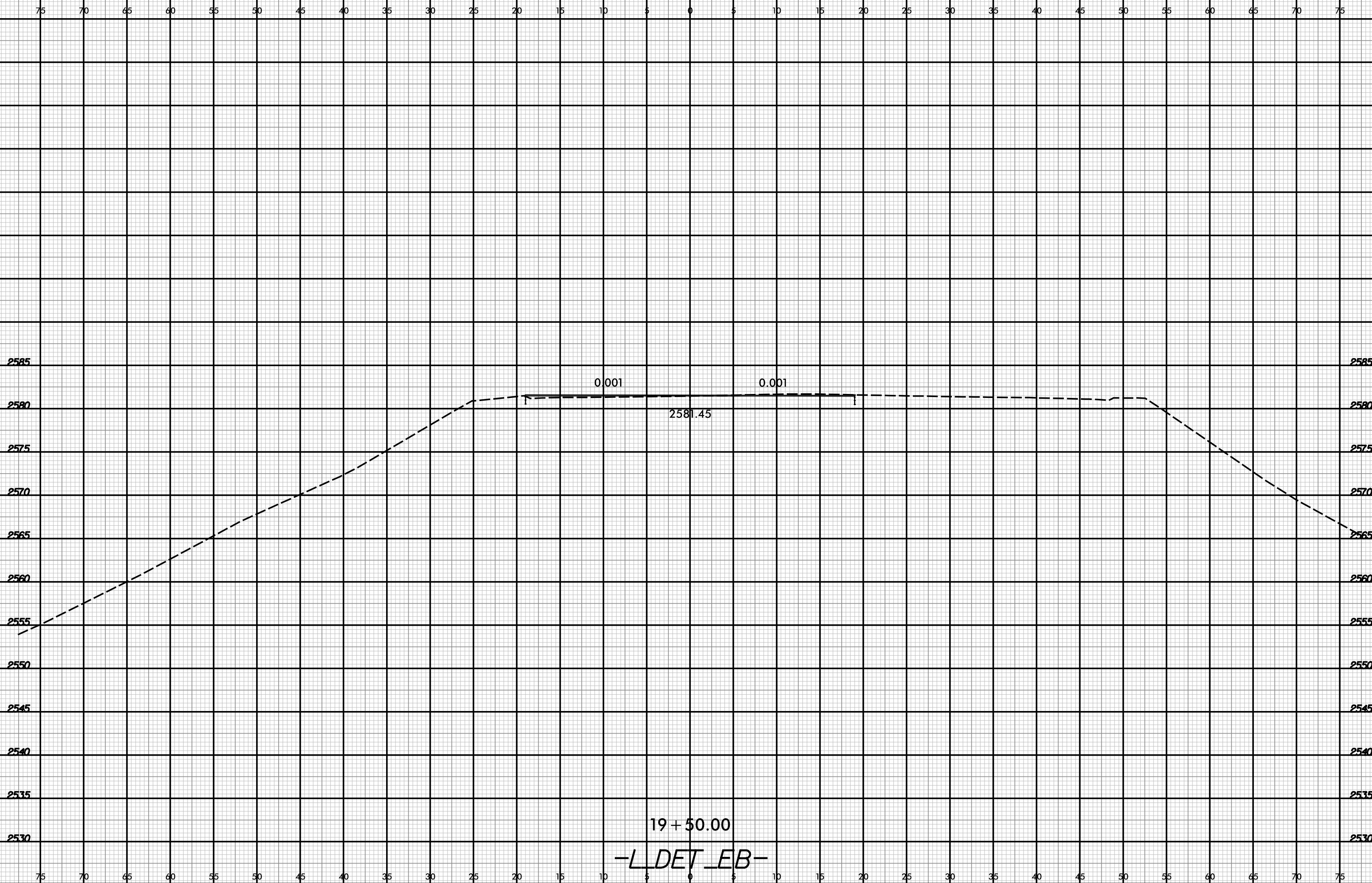
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B-5982.dwg
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6/23/16



PROJ. REFERENCE NO.
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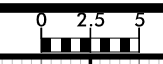
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X-60



4/7/2023
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P.Martin

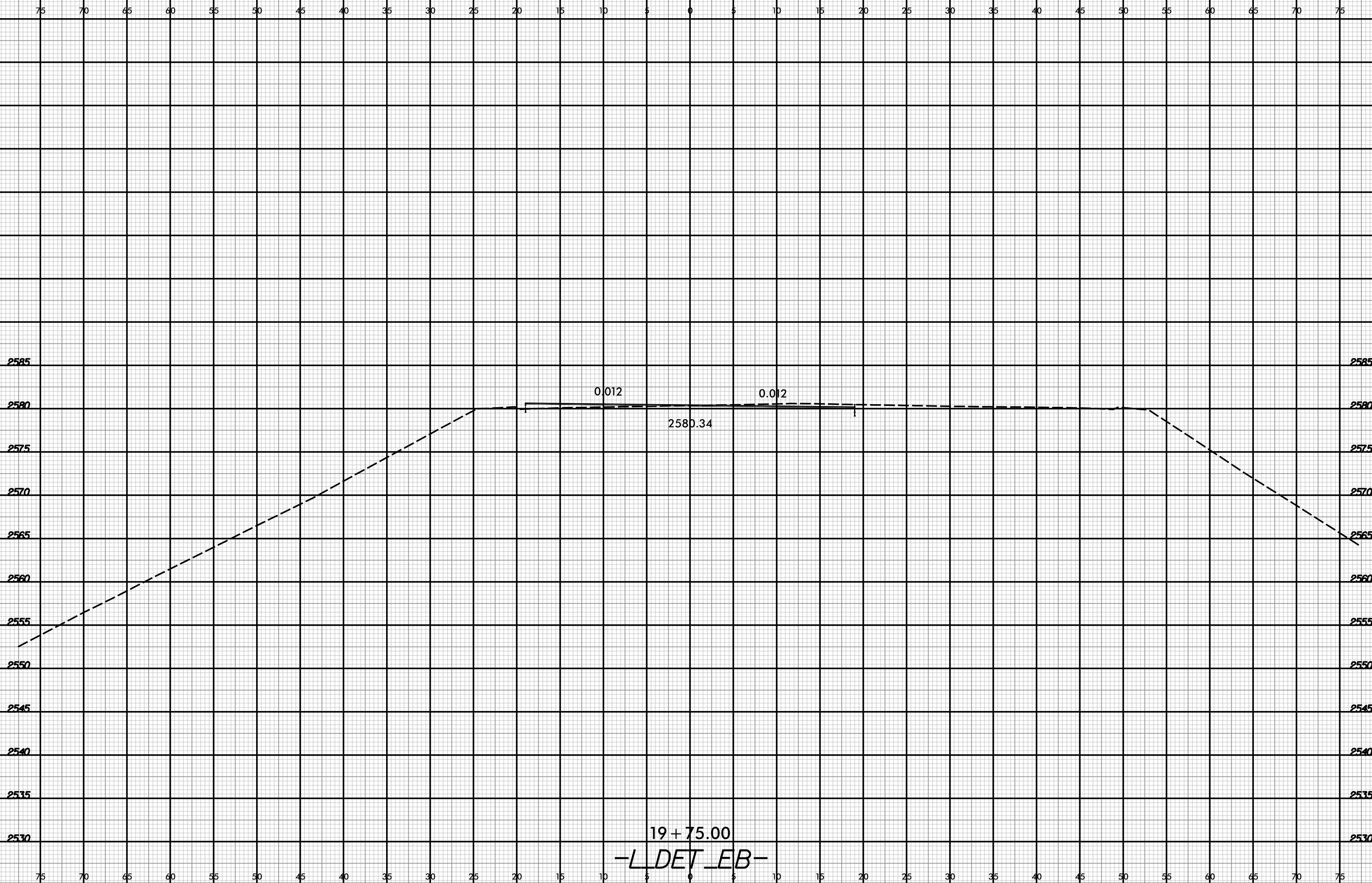
-L-DET_EB-

6/23/16



PROJ. REFERENCE NO.
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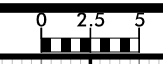
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X-61



4/7/2023
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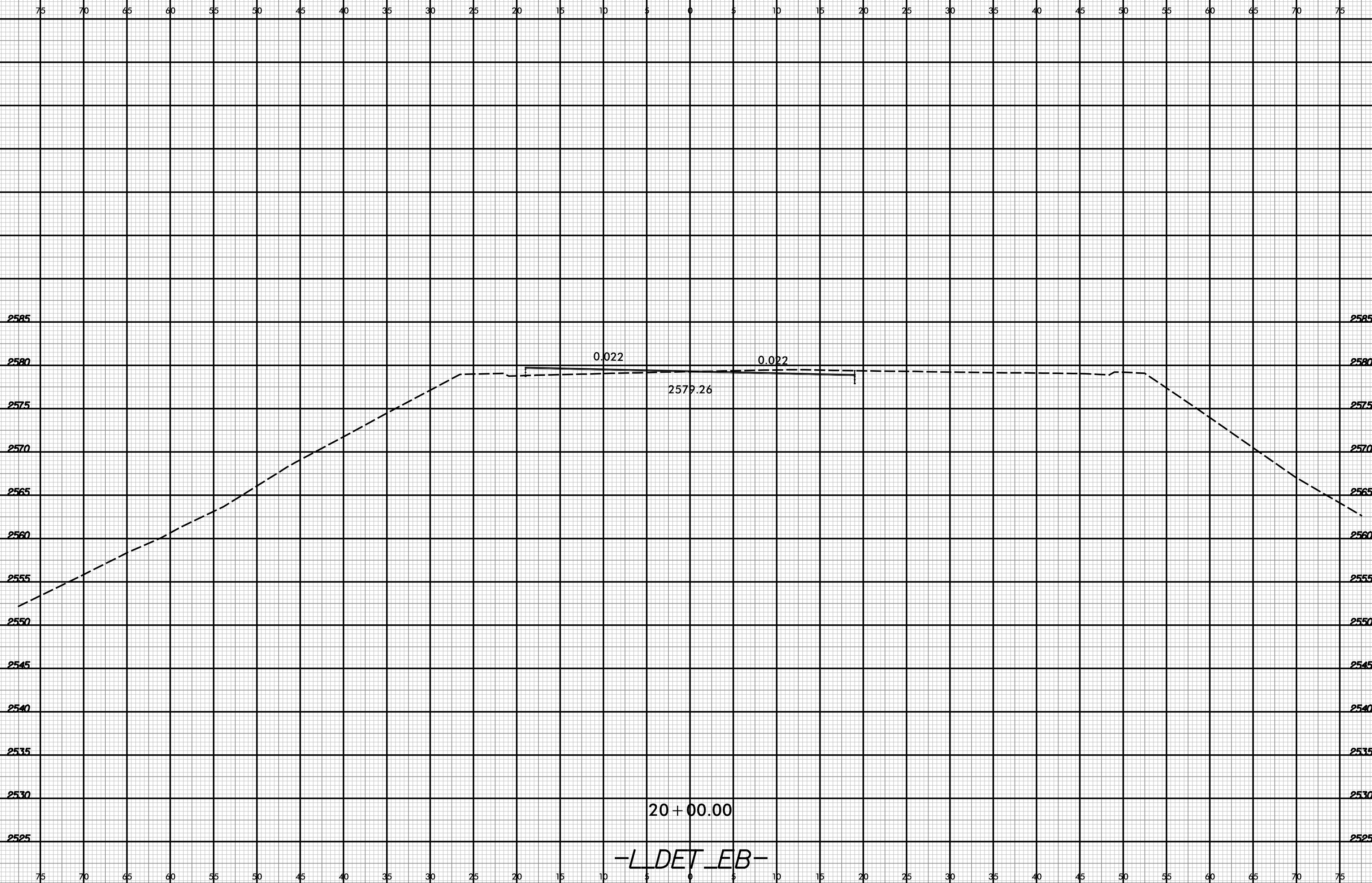
19 + 75.00
-L DET EB-

6/23/16



PROJ. REFERENCE NO.
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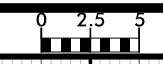
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X-62



4/7/2023
B-5982.dwg
P. Marin

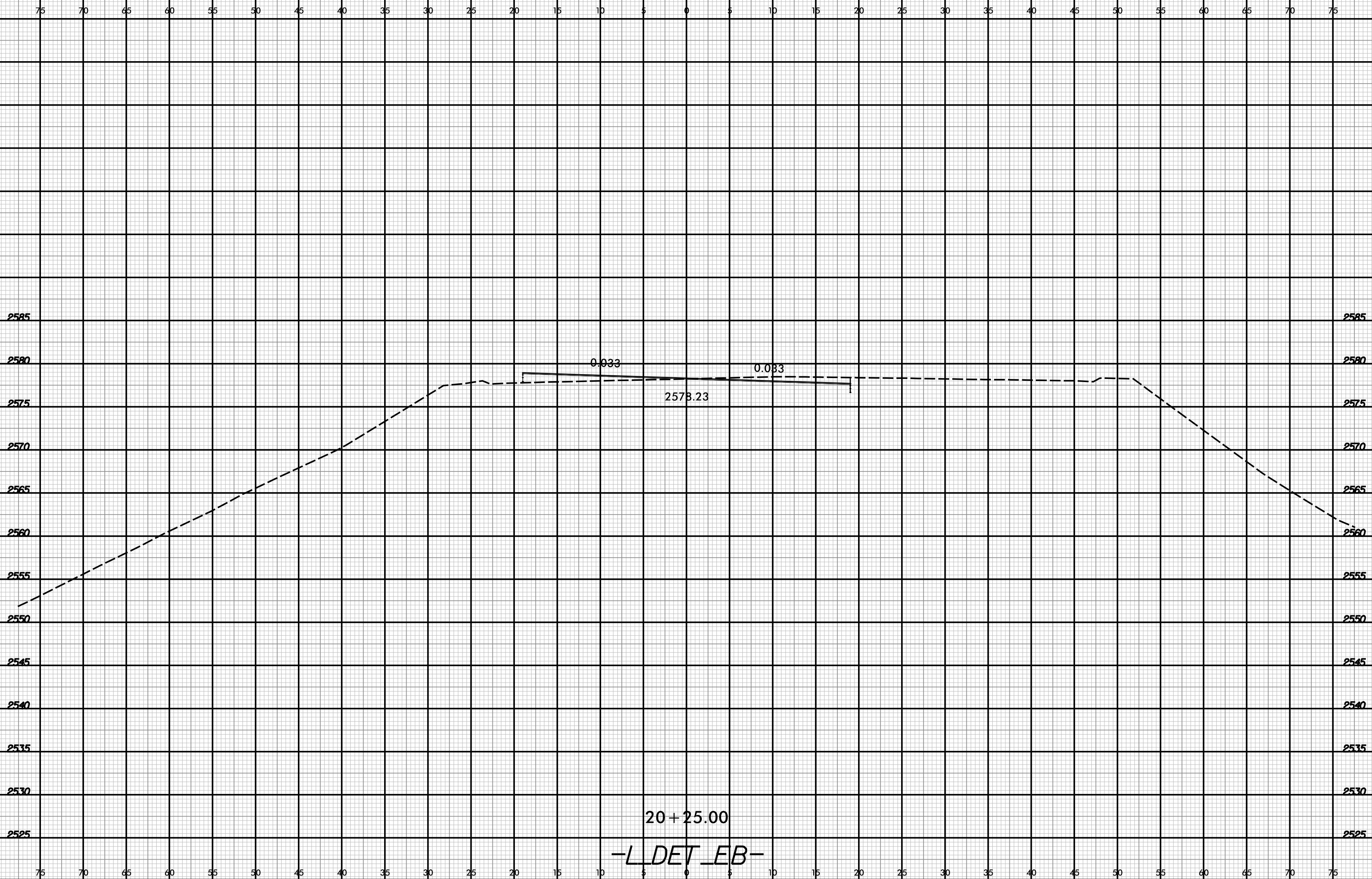
-L DET EB-

6/23/16



PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-63



20 + 25.00

-L DET EB-

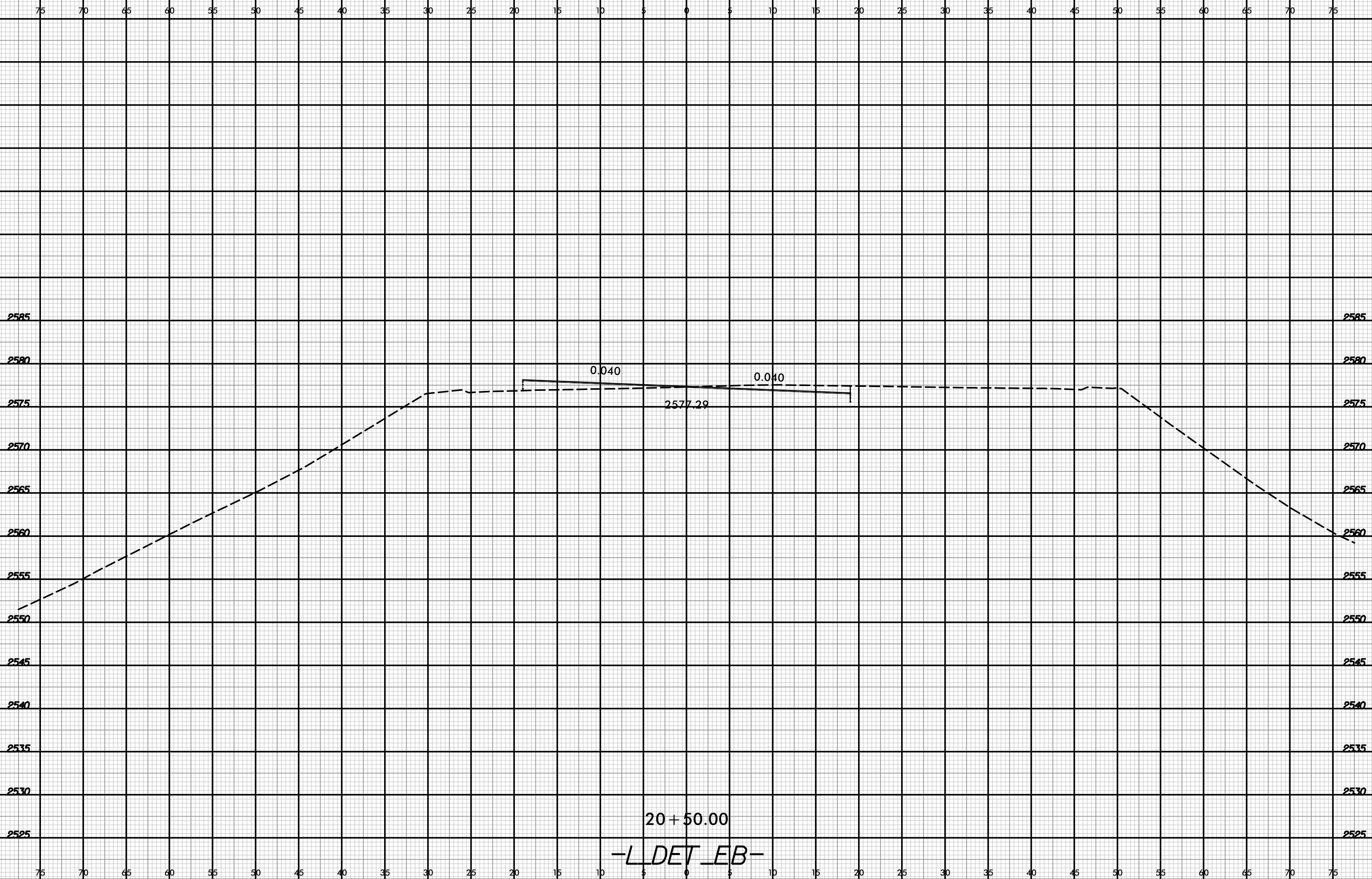
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B-5982
P-Martin

6/23/16



PROJ. REFERENCE NO.
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SHEET NO.
X-64

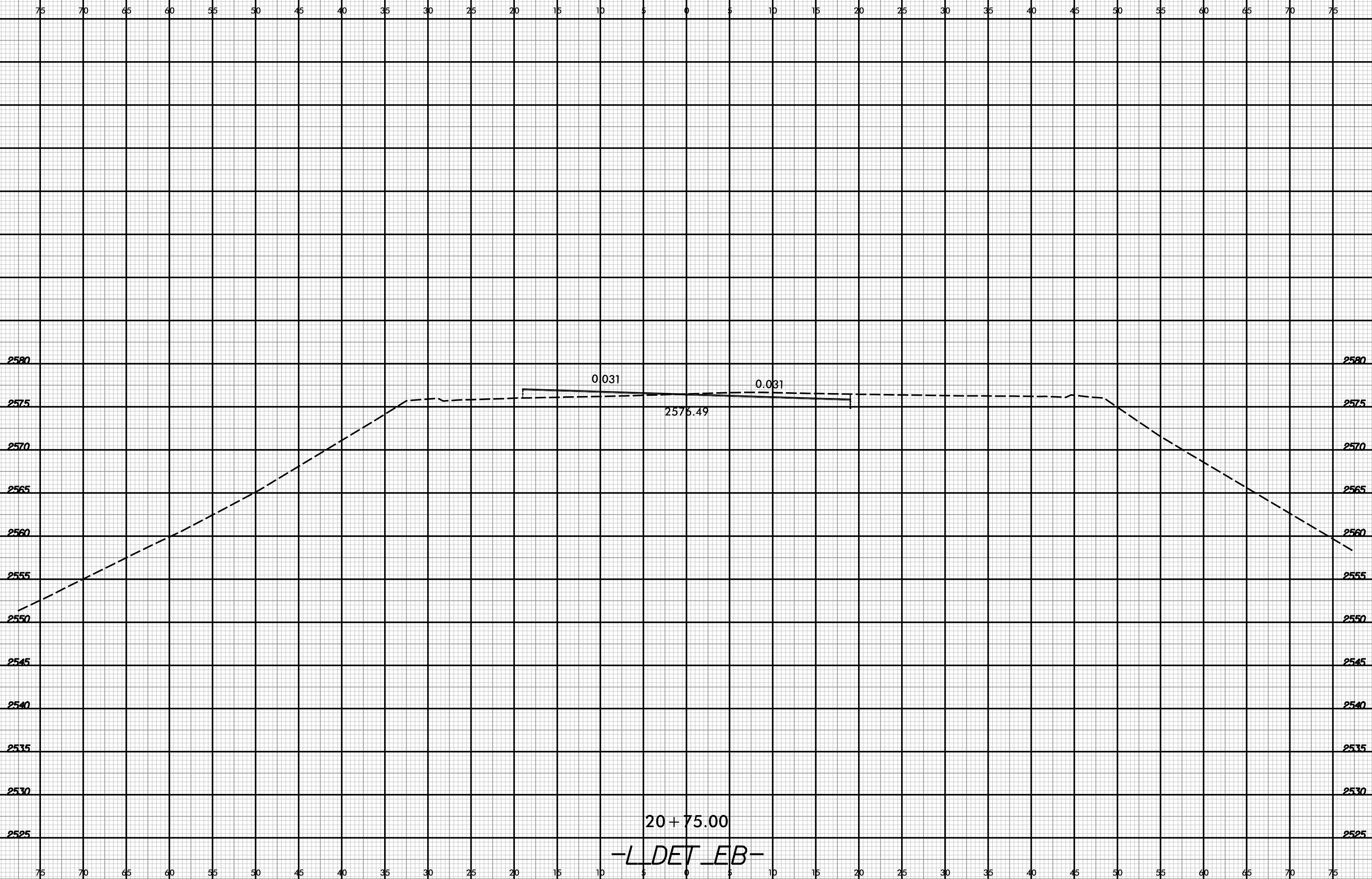


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-L DET EB-

4/7/2023
B-5982
P. Marin

6/23/16



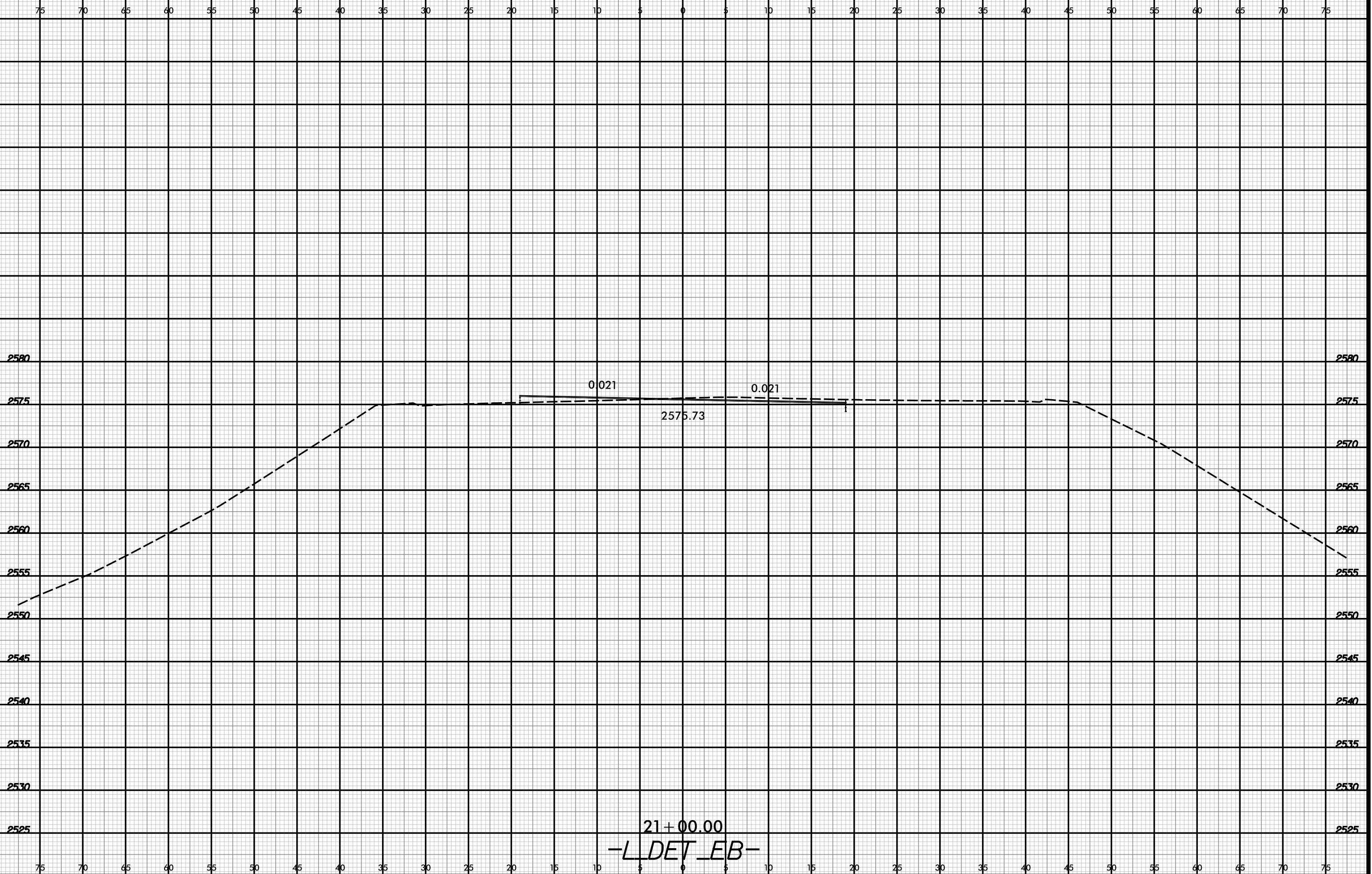
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B-5982
P. Marín

-L DET EB-

6/23/16



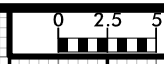
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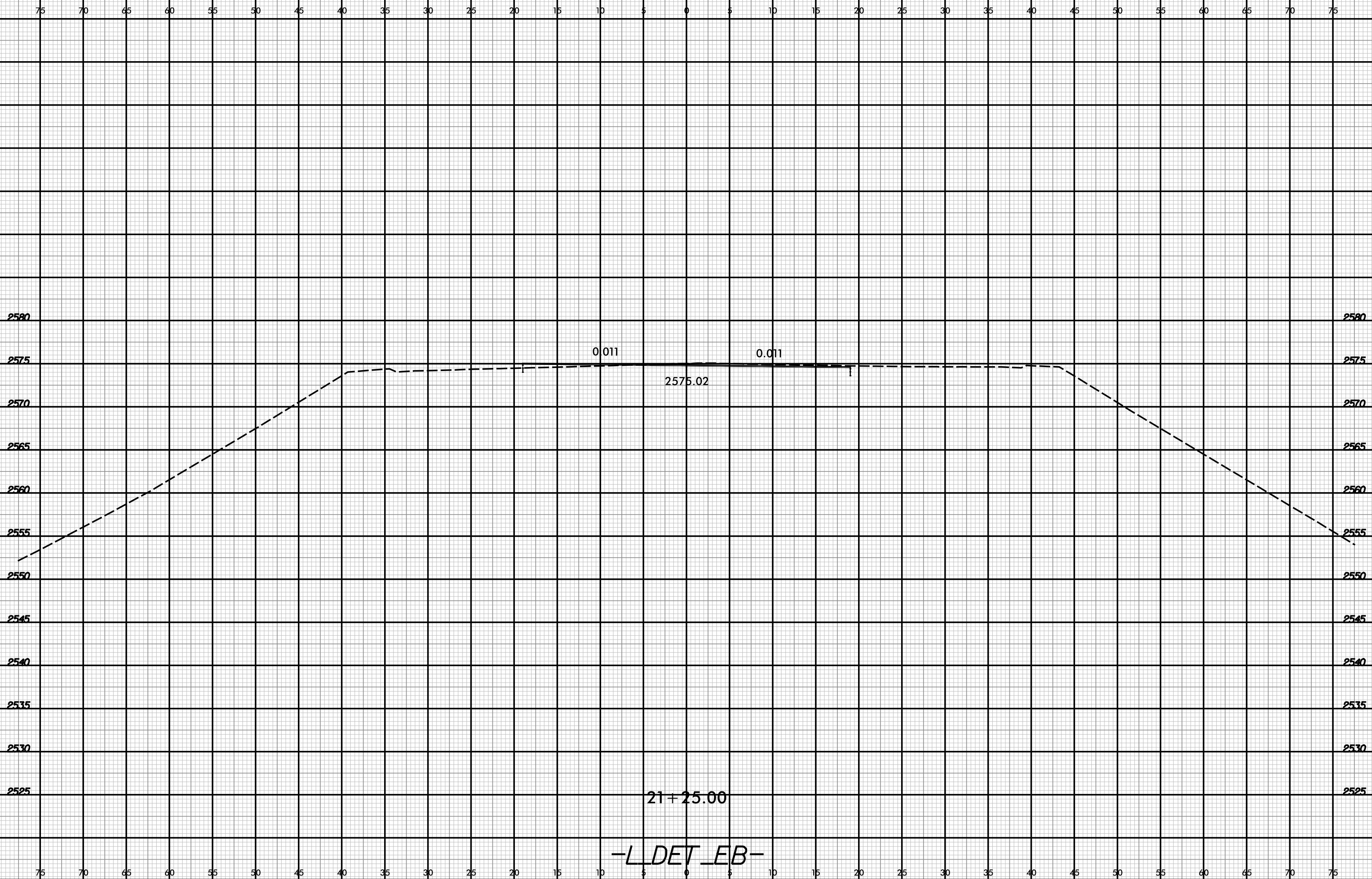
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B-5982.dwg
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21+00.00
-L DET EB-

6/23/16



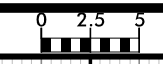
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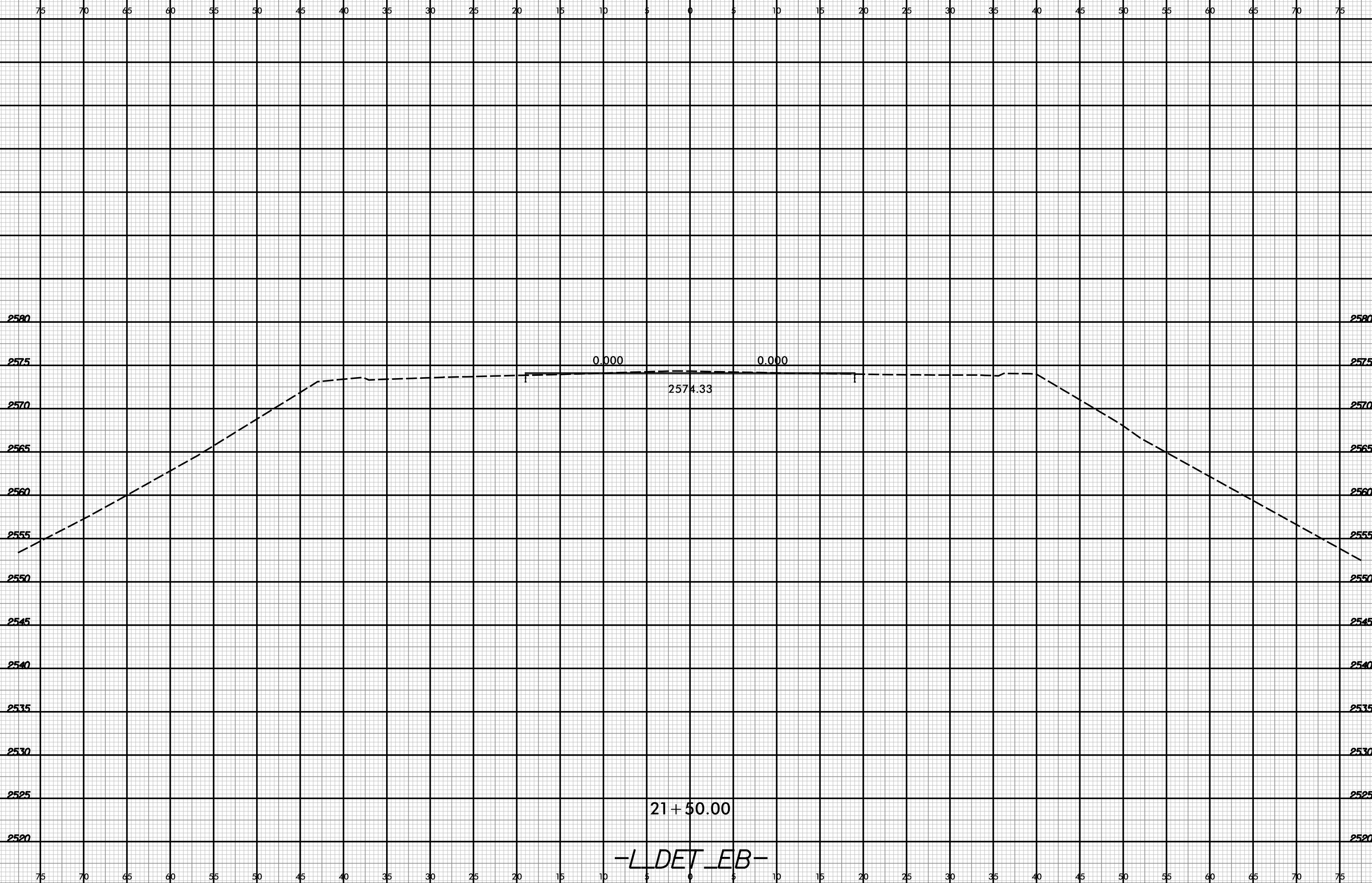
4/7/2023
B-5982.dwg
P.Martin

-L DET EB-

6/23/16



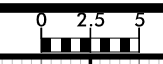
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B-5982	X-68



-L DET EB-

4/7/2023
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6/23/16



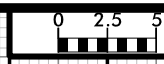
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B-5982	X-69



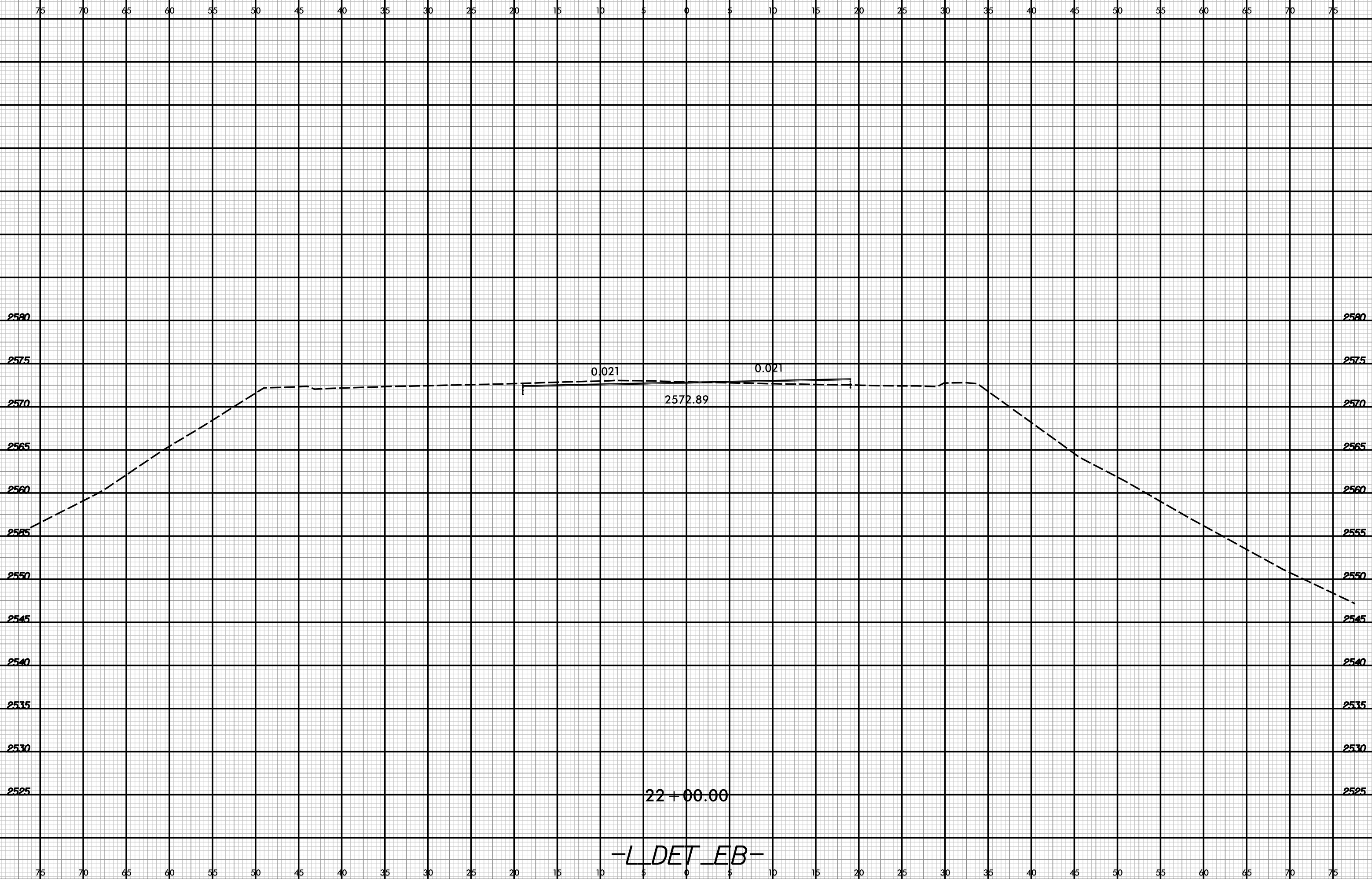
4/7/2023
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-L DET EB-

6/23/16



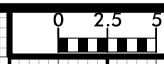
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B-5982	X-70



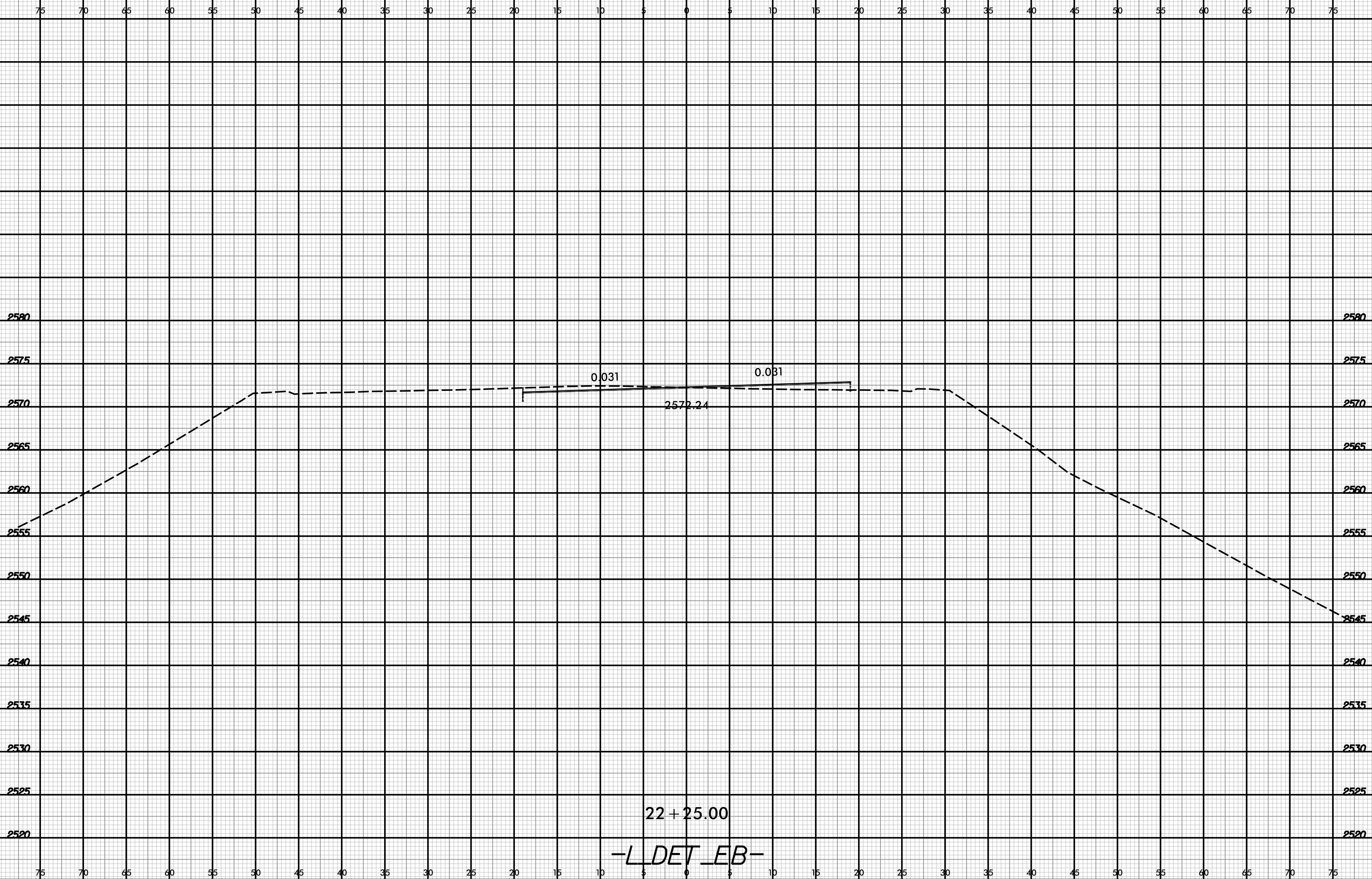
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P. Martin

6/23/16



PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-71



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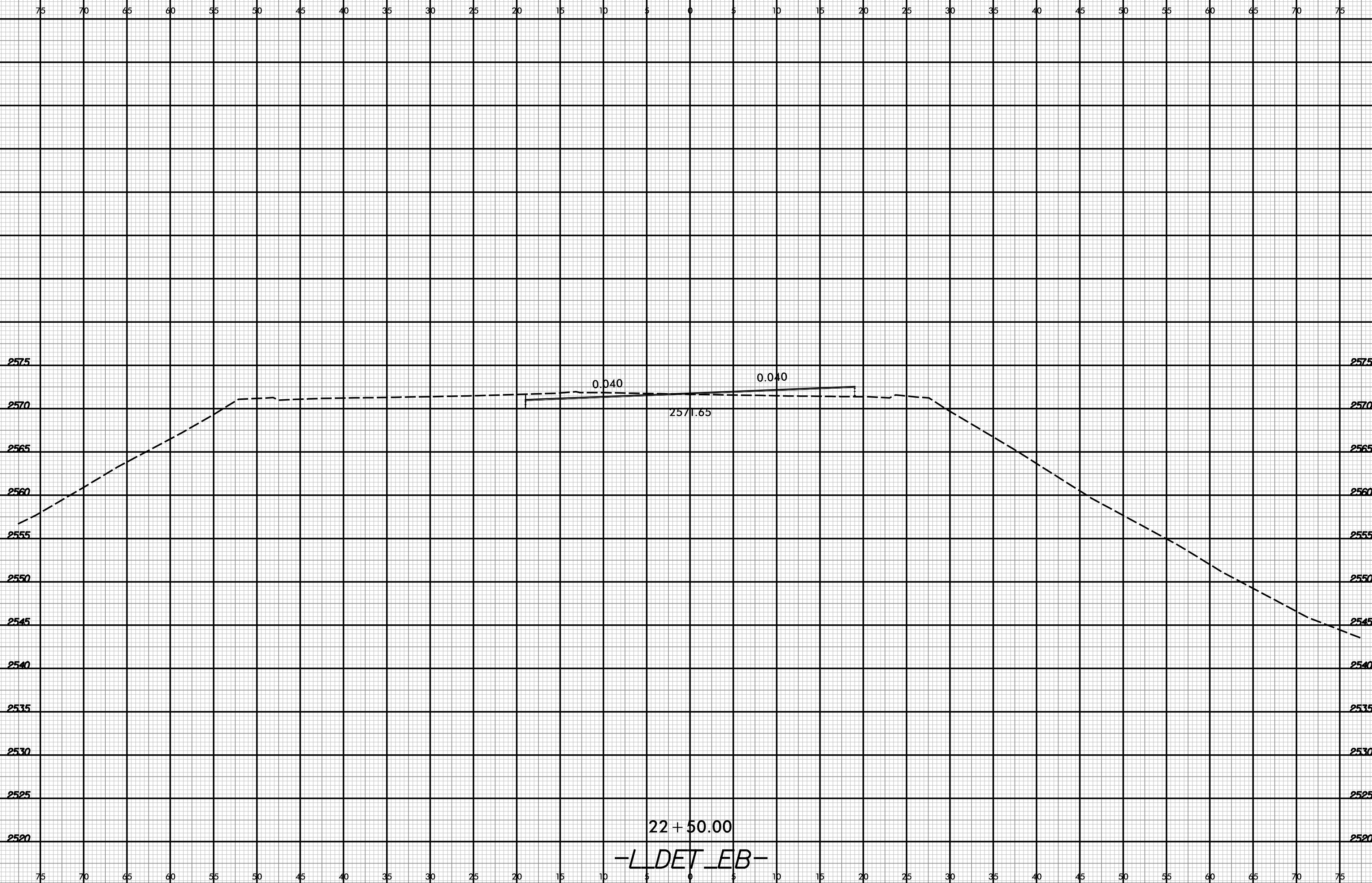
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P. Marin

6/23/16



PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-12



22 + 50.00

-L DET EB-

4/7/2023
B-5982.dwg
P:\Marin

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

6/23/16



PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-73



22 + 75.00
-L DET EB-

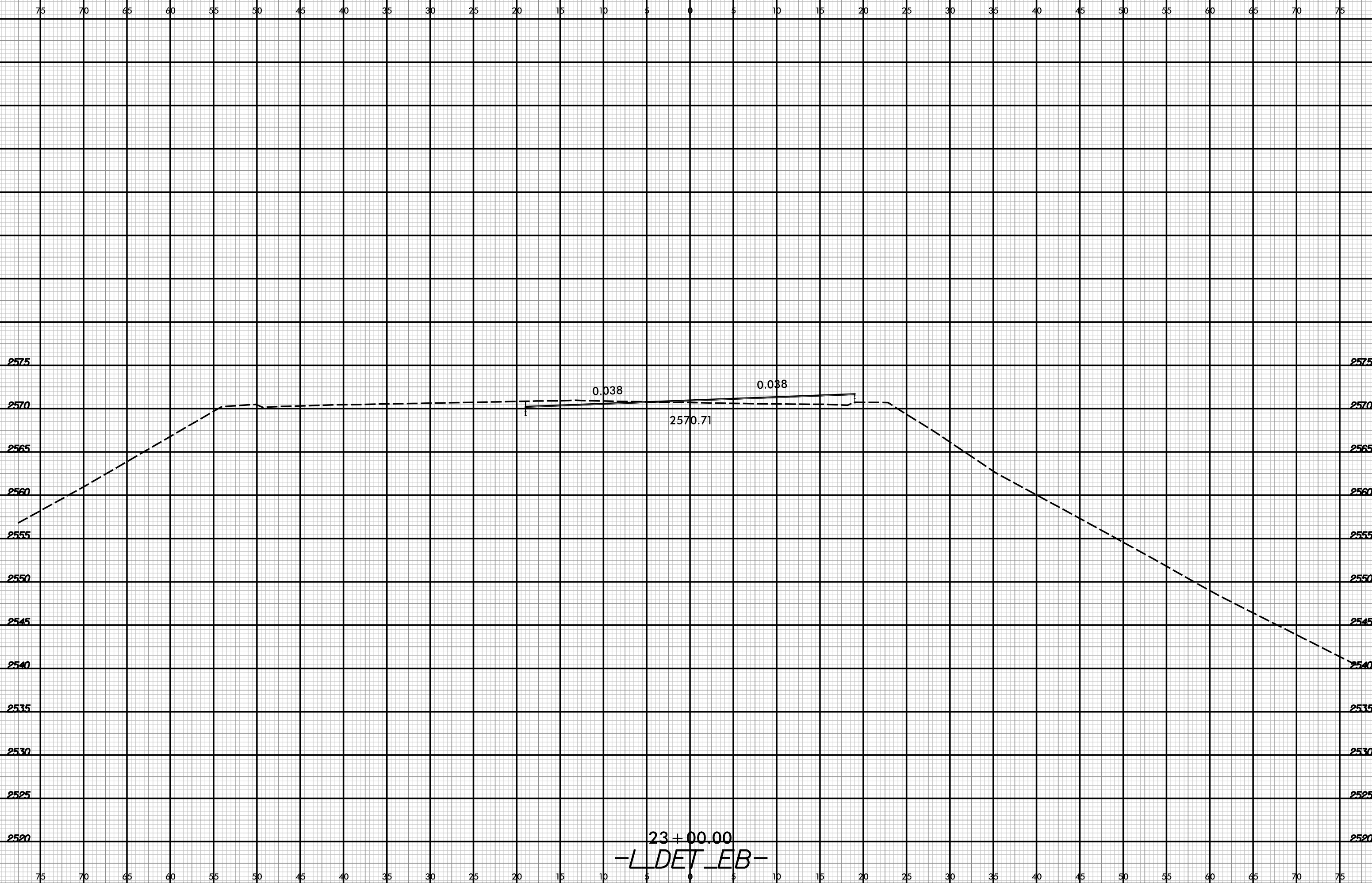
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P. Martin

6/23/16



PROJ. REFERENCE NO.
B-5982

SHEET NO.
X-74



23+00.00
-L DET EB-

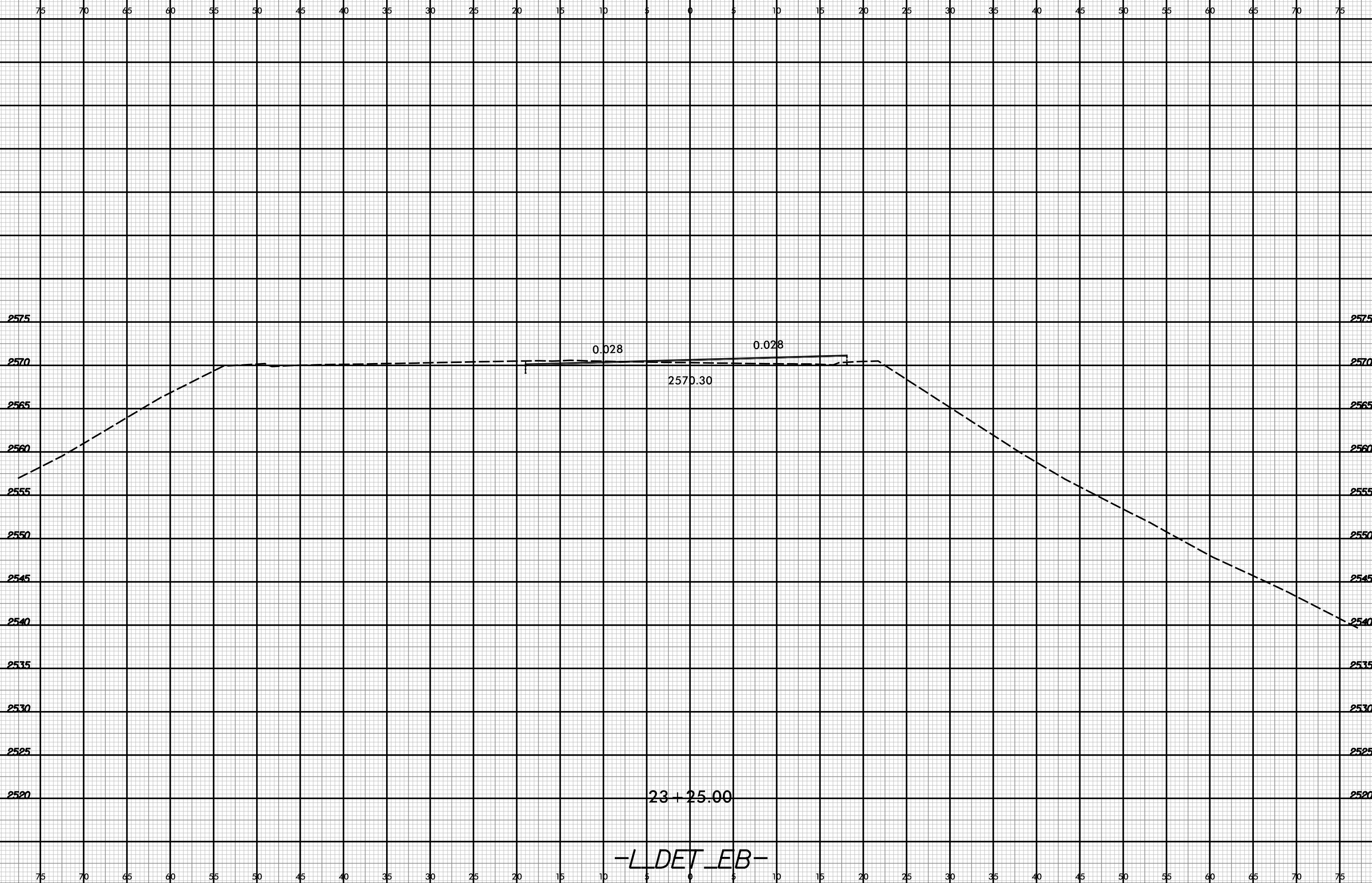
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P Martin

6/23/16



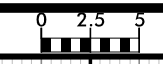
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B-5982

SHEET NO.
X-75



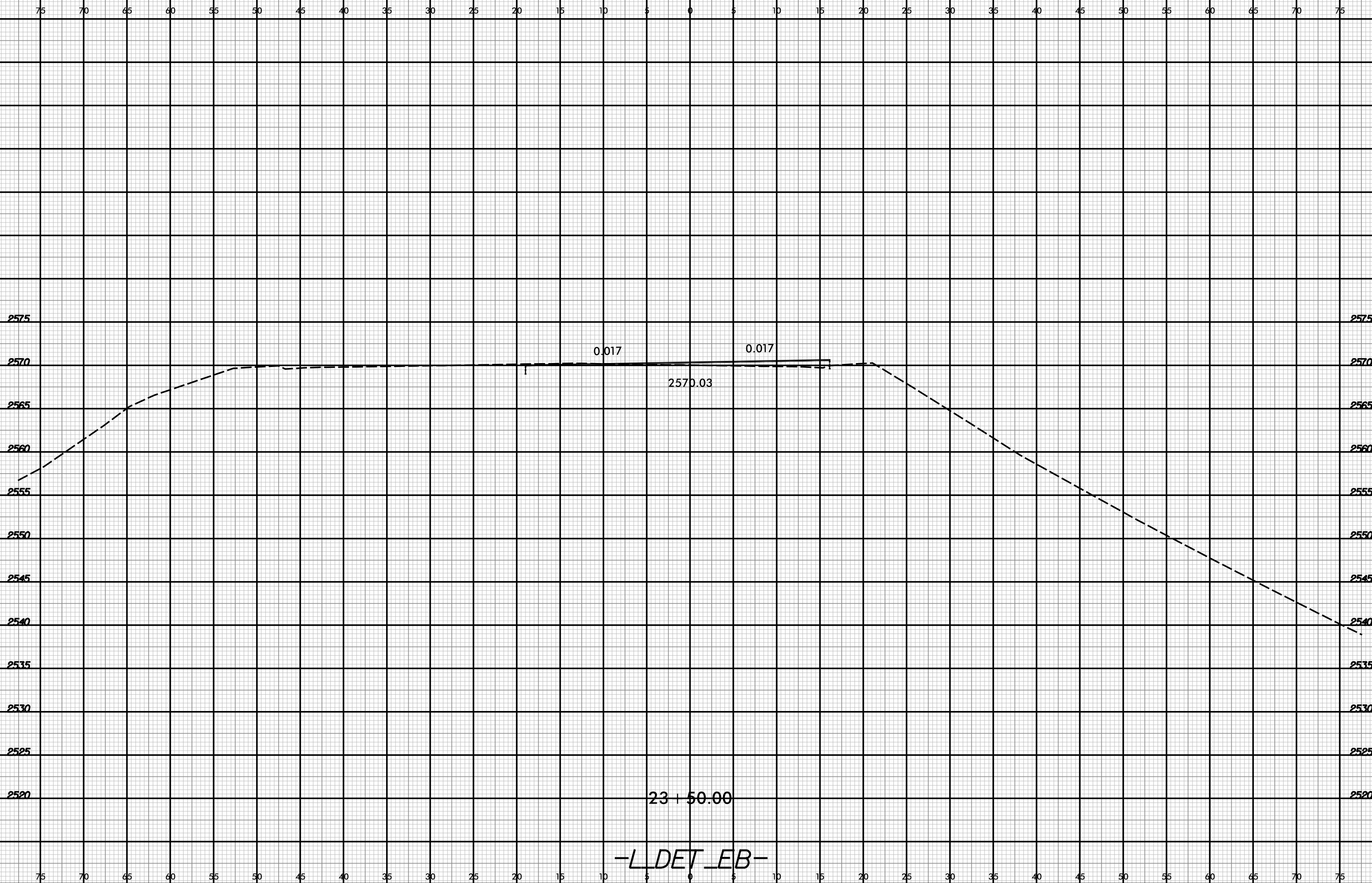
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6/23/16



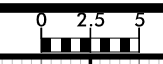
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SHEET NO.
X-76

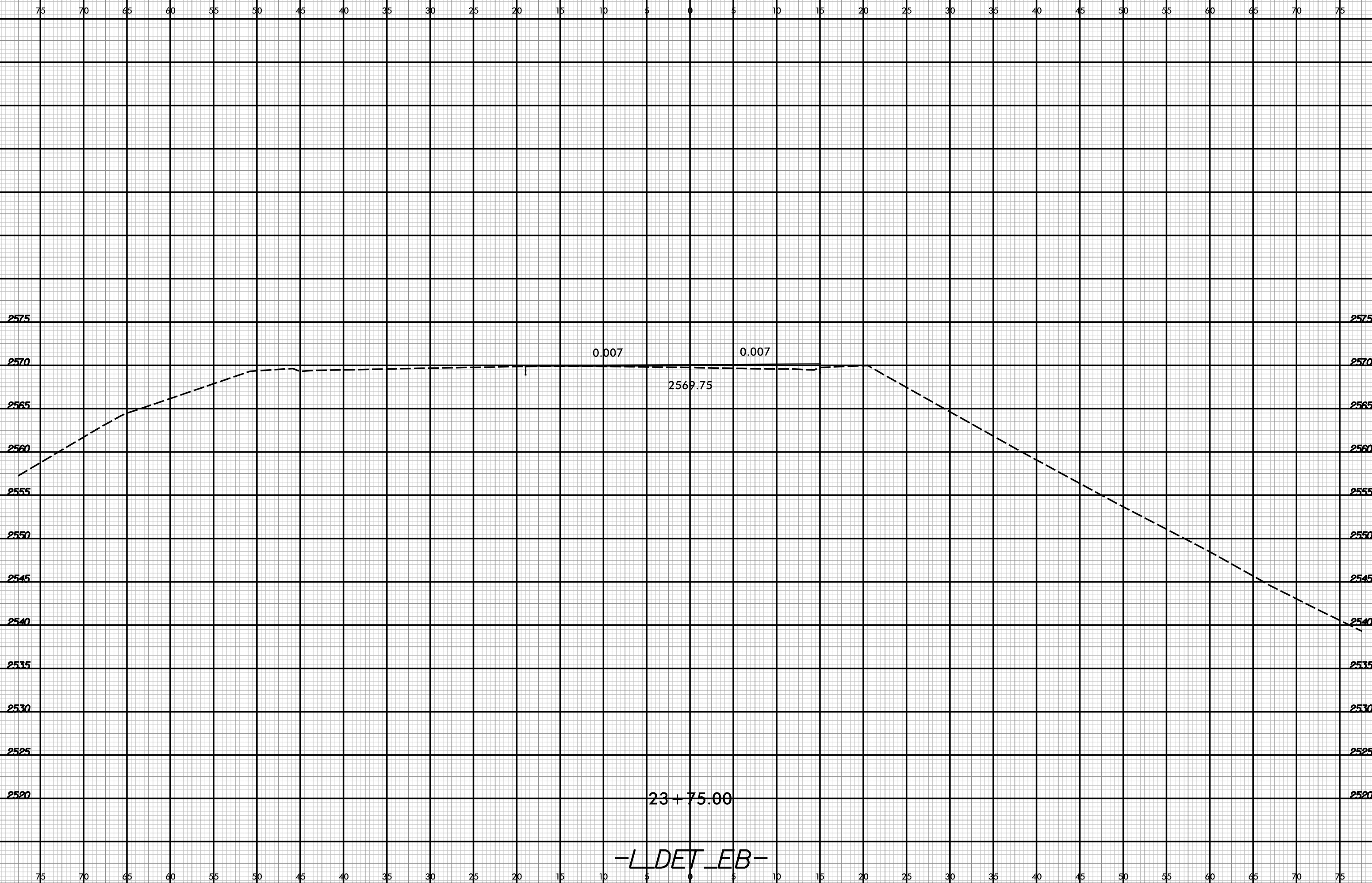


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P. Marin

6/23/16



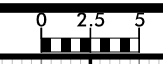
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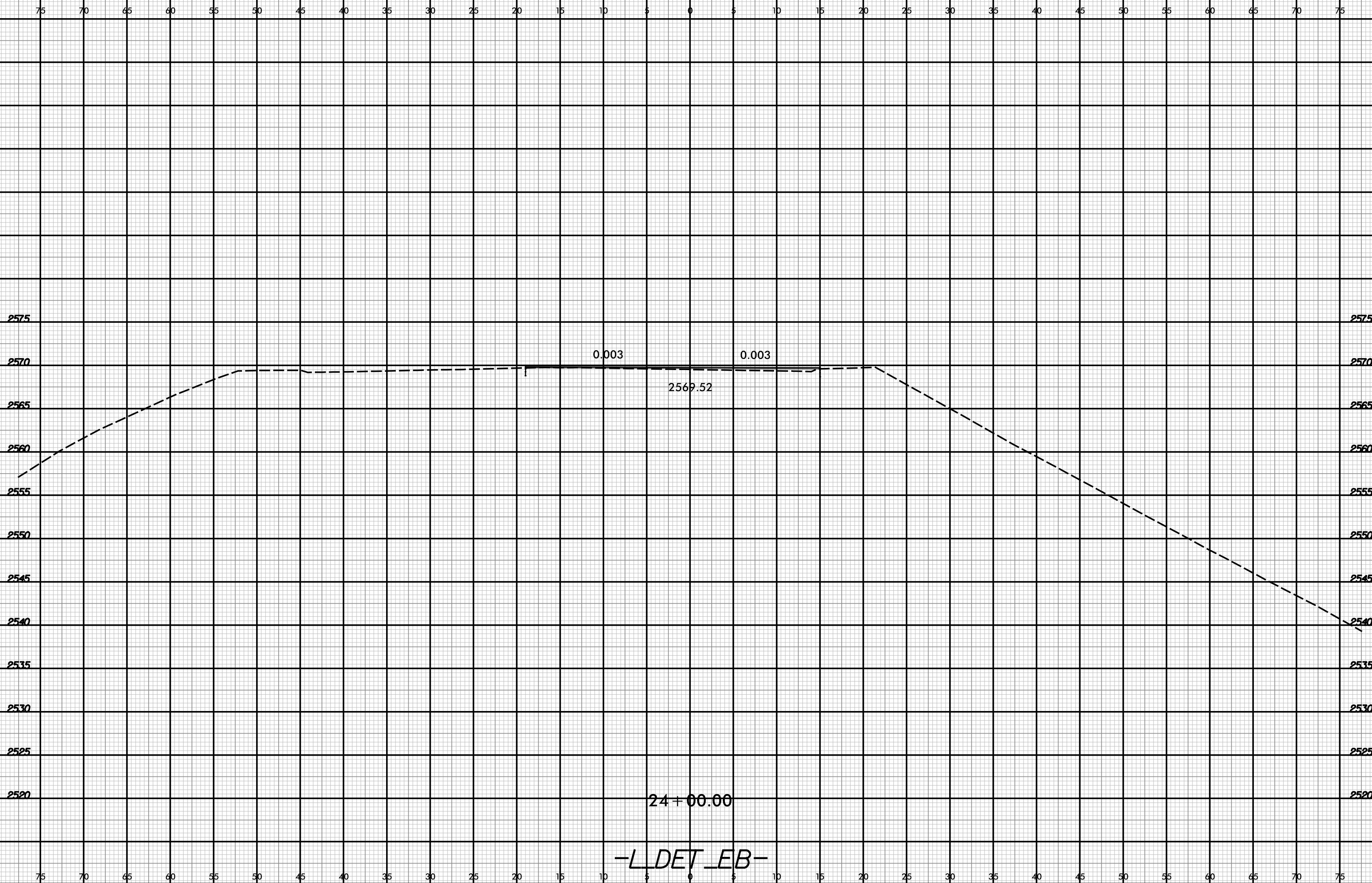
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P. Marin

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6/23/16



PROJ. REFERENCE NO.	SHEET NO.
B-5982	X-78



4/7/2023
B-5982.dwg
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-L DET EB-