0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-0

INDEX TO CROSS SECTIONS

ALIGNMENT	ROAD NAME	NO. OF SHEETS	SHEET NO. FROM	SHEET NO. TO
-L-	MORRISVILLE PARKWAY	11	X-1	X-11
-Y1-	DRIVEWAY	2	X-12	X-13
-Y2-	DRIVEWAY	1	X-14	-
-DR1-	DRIVEWAY	1	X-15	-
-XOVER-	CROSSOVER ALIGNMENT FOR TMP	8	X-16	X-23
-TEMP DR-	DRIVEWAY	1	X-23	-
-L2-	MORRISVILLE CARPENTER RD	7	X-24	X-30
-M1-	NS/NCRR RAILROAD (DRAINAGE)	13	X-31	X-43
-M1-	NS/NCRR RAILROAD	42	X-44	X-85

$$$$$$SYSTIME$$$$
$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

0422DEL_P19
0001ADD_P19
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station PHASE 1 L -XOVER-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE 2 L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station PHASE 3 L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station M1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station M1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
21+50.00	7	3	22+00.00	4734	41	17+85.00	0	0	3549+00.000	0	0	3602+00.000	3010	5
22+00.00	32	3	22+50.00	4470	0	18+00.00	98	0	3550+00.000	9	492	3603+00.000	4509	0
22+50.00	84	0	23+00.00	3429	0	18+50.00	487	0	3551+00.000	8	700	3604+00.000	2769	0
23+00.00	87	0	23+50.00	4318	0	19+00.00	901	0	3552+00.000	55	1019	3605+00.000	1091	841
23+50.00	37	0	24+00.00	5529	0	19+50.00	1485	4	3553+00.000	119	1232	3606+00.000	842	2961
24+00.00	64	0	24+50.00	6251	0	20+00.00	2161	50	3554+00.000	138	1551	3607+00.000	461	3784
24+50.00	118	0	25+00.00	6120	0	20+50.00	2793	199	3555+00.000	155	1876	3608+00.000	198	2284
			Y1			21+00.00	3269	74	3556+00.000	202	1566	3609+00.000	168	748
L2			10+00.00	0	0	21+50.00	3618	82	3557+00.000	272	1187	3610+00.000	404	154
10+41.89			10+50.00	129	10				3558+00.000	323	1364	3611+00.000	967	40
10+50.00	1	0	11+00.00	444	2	25+50.00	5773	2	3559+00.000	288	1514	3612+00.000	1201	30
10+75.00	6	1	11+50.00	1079	4	26+00.00	4921	17	3560+00.000	273	986	3613+00.000	879	197
11+00.00	6	2	12+00.00	1547	4	26+50.00	3714	17	3561+00.000	274	957	3614+00.000	1812	182
11+25.00	7	3	12+50.00	1810	3	27+00.00	3097.1	2	3562+00.000	236	1690	3615+00.000	4087	0
11+50.00	7	6	13+00.00	2514	9	27+50.00	2451	0	3563+00.000	231	1837	3616+00.000	4268	0
11+75.00	8	9	13+02.65	163	1	28+00.00	1725	0	3564+00.000	239	1414	3617+00.000	2413	0
12+00.00	9	7				28+50.00	1100	0	3565+00.000	261	892	3618+00.000	845	281
12+25.00	9	5				29+00.00	644	0	3566+00.000	283	889	3619+00.000	412	281
12+50.00	8	8				29+50.00	380	0	3567+00.000	267	1297	3620+00.000	1332	0
12+75.00	10	10				29+75.00	134	0	3568+00.000	293	1078	3621+00.000	2544	0
13+00.00	15	9				30+00.00	61	0	3569+00.000	453	357	3622+00.000	2332	0
13+25.00	19	6				31+00.00	0	0	3570+00.000	1165	22	3623+00.000	1047	63
13+50.00	33	4				31+02.27	0	0	3571+00.000	1364	10	3624+00.000	384	757
13+75.00	29	5							3572+00.000	2199	10	3625+00.000	282	863
14+00.00	12	6							3573+00.000	4311	0	3626+00.000	203	271
14+25.00	30	7				**Y2**			3574+00.000	3882	6	3627+00.000	128	461
14+50.00	47	6				11+00.00	0	0	3575+00.000	1447	69	3628+00.000	93	597
14+75.00	43	5				11+31.79	663	0	3576+00.000	181	543	3629+00.000	87	246
15+00.00	52	4				11+50.00	176	0	3577+00.000	58	1908	3630+00.000	209	7
15+25.00	62	2				11+75.00	109	2	3578+00.000	96	3539			
15+50.00	63	1				12+00.00	48	6	3579+00.000	131	4375			
15+75.00	48	1				**DR1**			3580+00.000	212	2411			
16+00.00	16	0				10+00.00	0	0	3581+00.000	1430	146			
						10+25.00	186	0	3582+00.000	1721	0			
Davis Dr.	156					10+50.00	183	0	3582+39.616	779	0			
						11+00.00	169	0	3584+31.104	0	0			
						11+50.00	32	0	3585+00.000	1927	0			
									3586+00.000	3848	0			
									3587+00.000	5046	0			
									3588+00.000	4247	0			
									3589+00.000	2661	7			
									3590+00.000	1318	734			
									3591+00.000	520	1540			
									3592+00.000	328	1362			
									3593+00.000	322	816			
									3594+00.000	264	329			
									3595+00.000	156	678			
									3596+00.000	155	1978			
									3597+00.000	214	1835			
									3598+00.000	265	794			
									3599+00.000	294	942			
									3600+00.000	166	1316			
									3601+00.000	688	700			

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

$$$$$$SYSTIME$$$$
$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$

0422DEL_P19

8/23/99

DGN

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-1

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

320
310
300
290

EX. R/W

299.14
15+00.00
℄

EX. R/W

310
300
290

EX. R/W

298.71
15+00.00
℄

EX. R/W

310
300
290

EX. R/W

296.82
14+50.00
℄

EX. R/W

310
300
290

EX. R/W

297.91
14+00.00
℄

EX. R/W

280

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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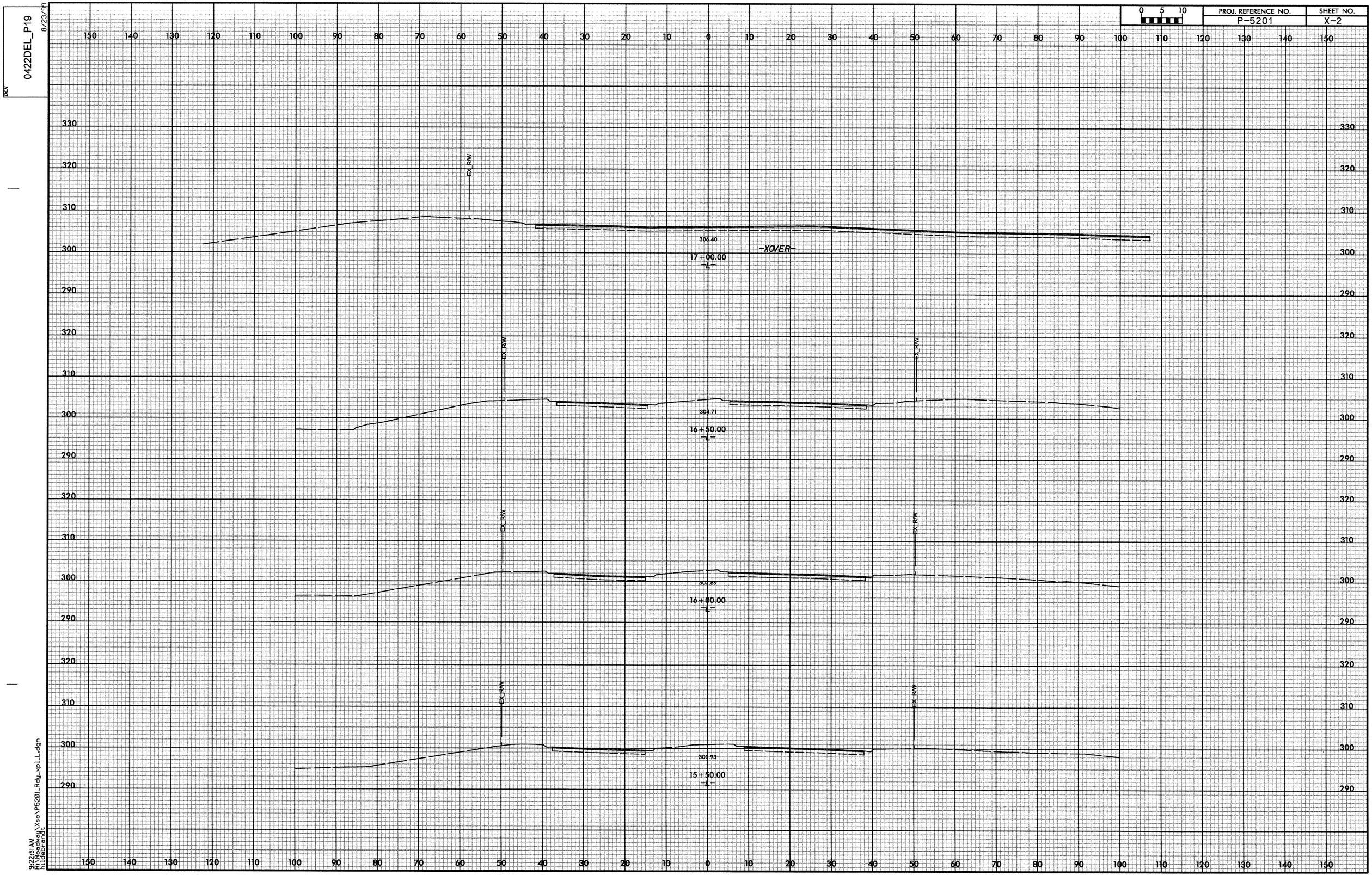
hildebrandt



0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-2
0 5 10
EX_R/W
306.40
17+00.00
-XOVER-
304.71
16+50.00
304.69
16+00.00
300.93
15+50.00
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0422DEL_P19

8/23/96

DGN

0 5 10

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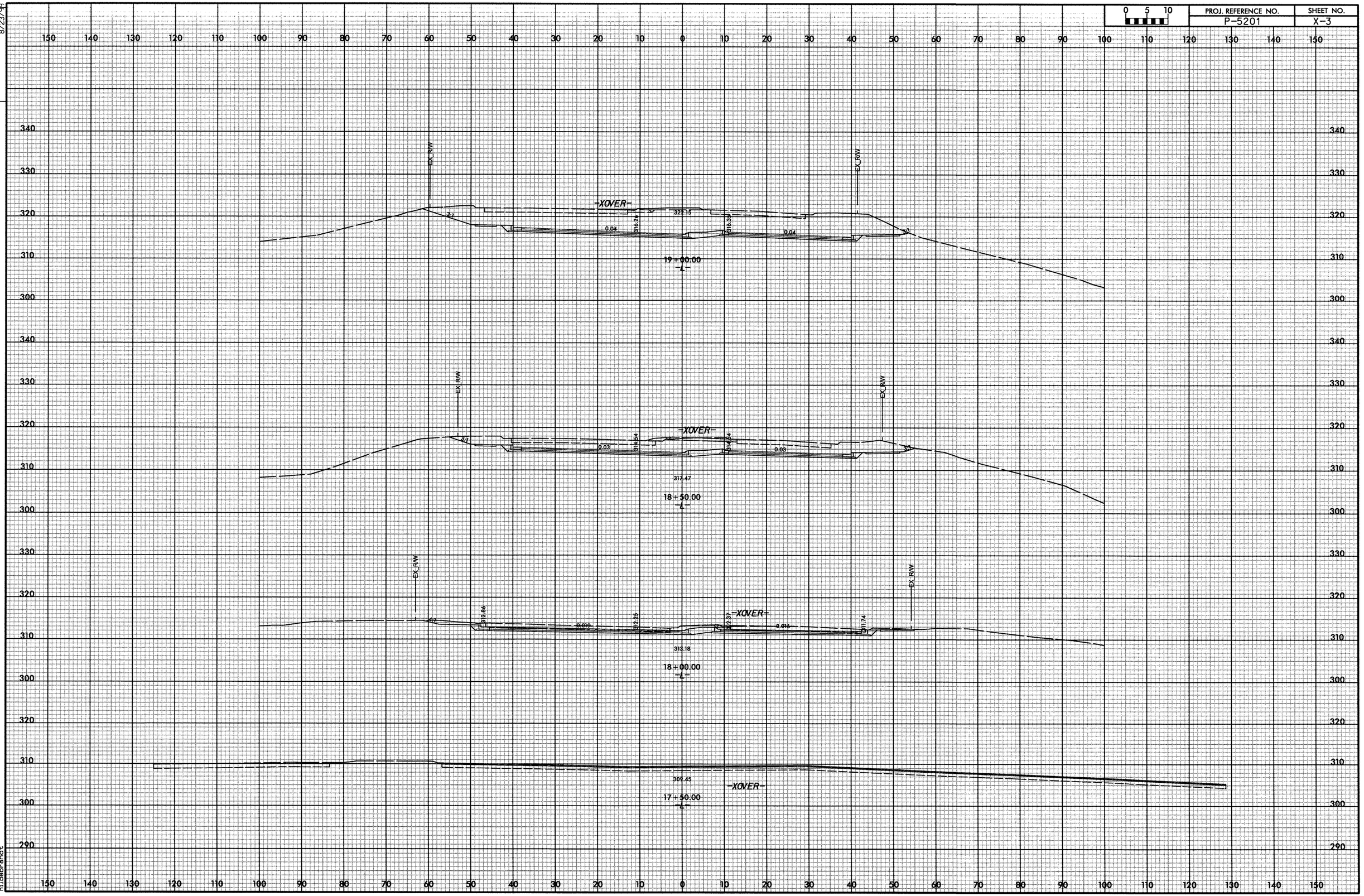
P-5201	X-3



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DGN 0422DEL_P19 8/23/96

0 5 10

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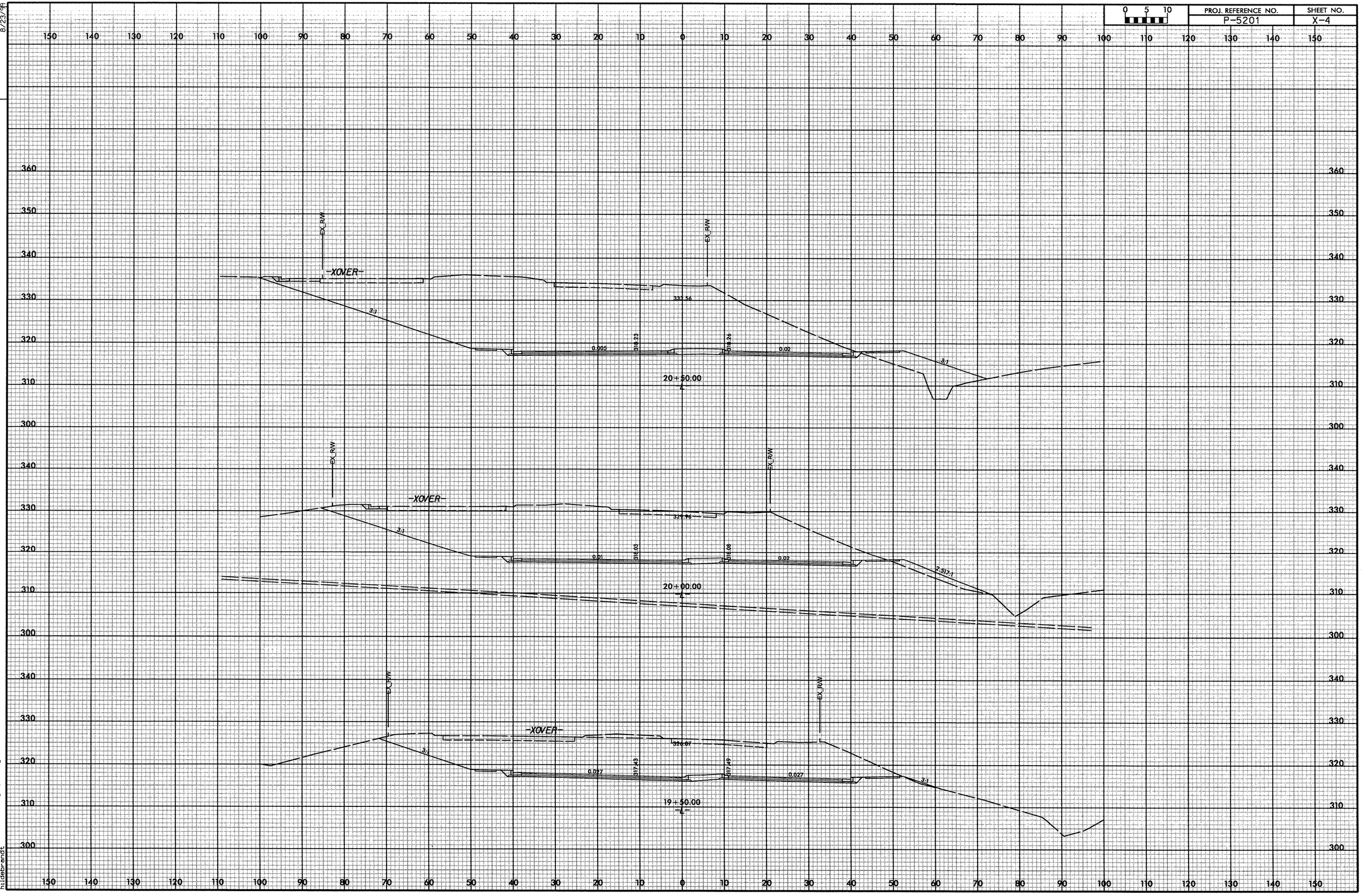
P-5201	X-4



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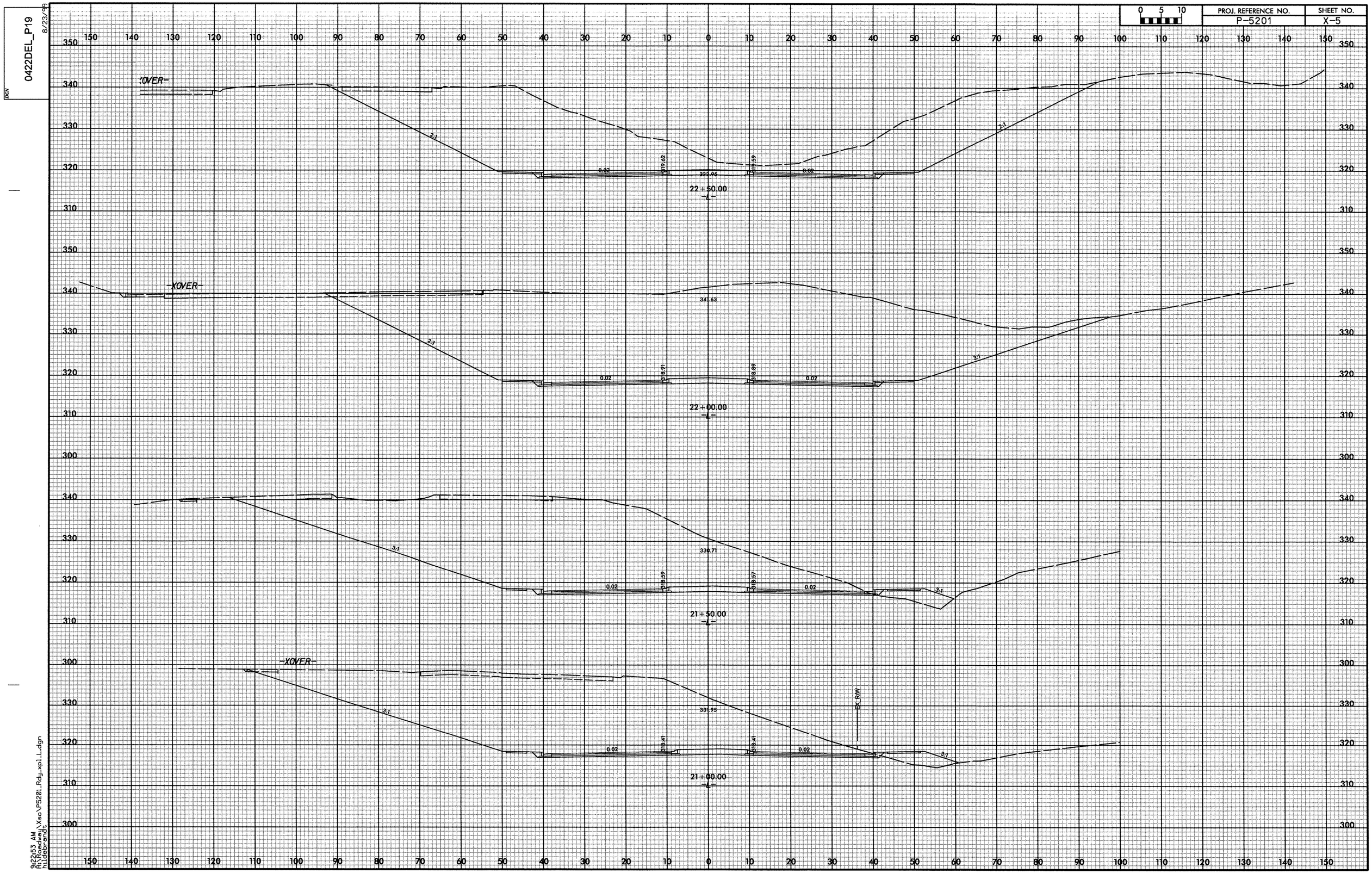

0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-5
0422DEL_P19
8/23/99
-XOVER-
2:1
0.02
319.62
319.59
322.95
22+50.00
-XOVER-
341.63
2:1
3:1
0.02
318.91
318.89
22+00.00
3:1
330.71
0.02
318.59
318.57
21+50.00
-XOVER-
3:1
331.95
EX. R/W
0.02
318.41
318.41
21+00.00
9:22:53 AM
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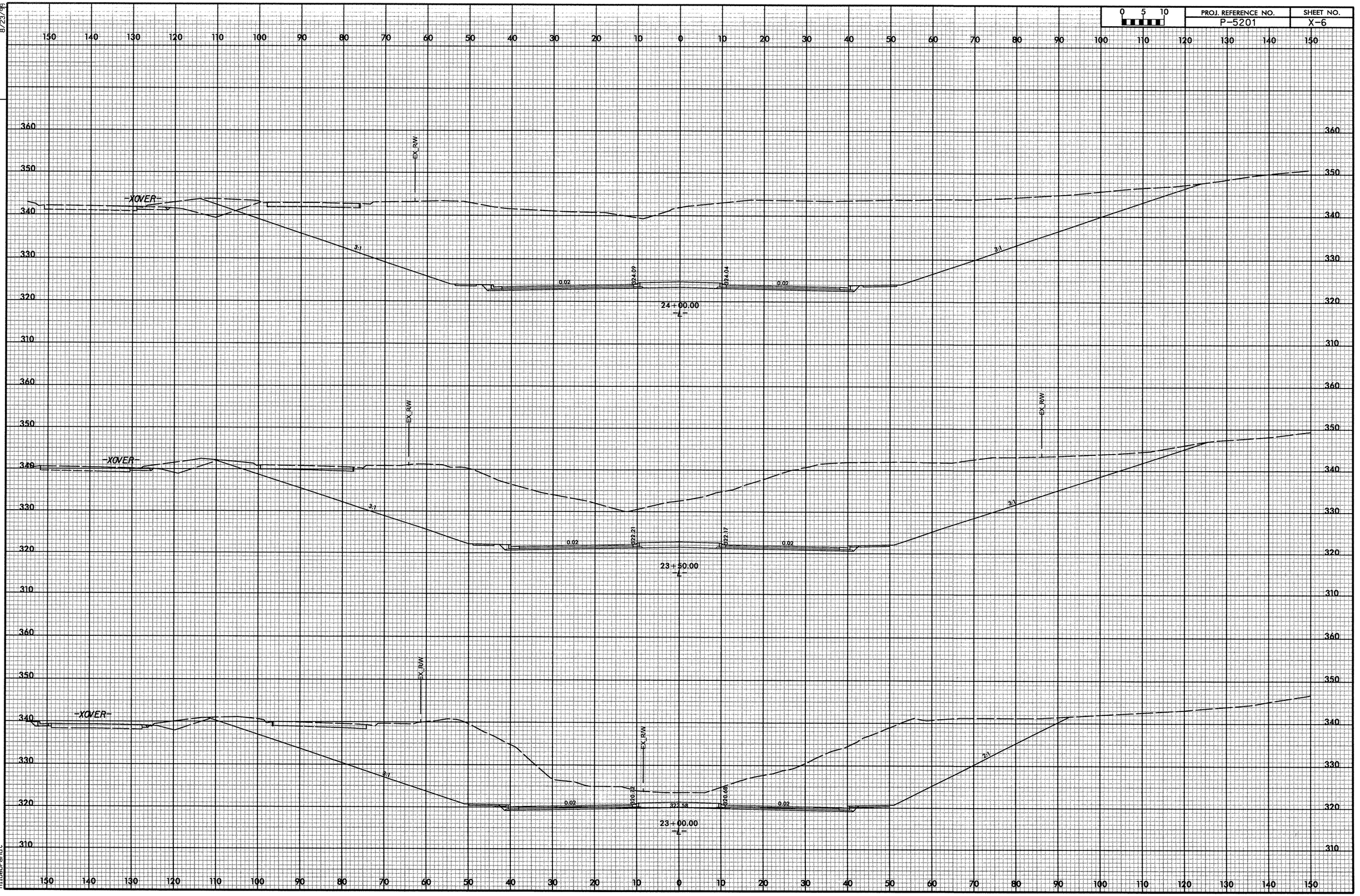
hildebrandt

0422DEL_P19
8/23/96
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-6



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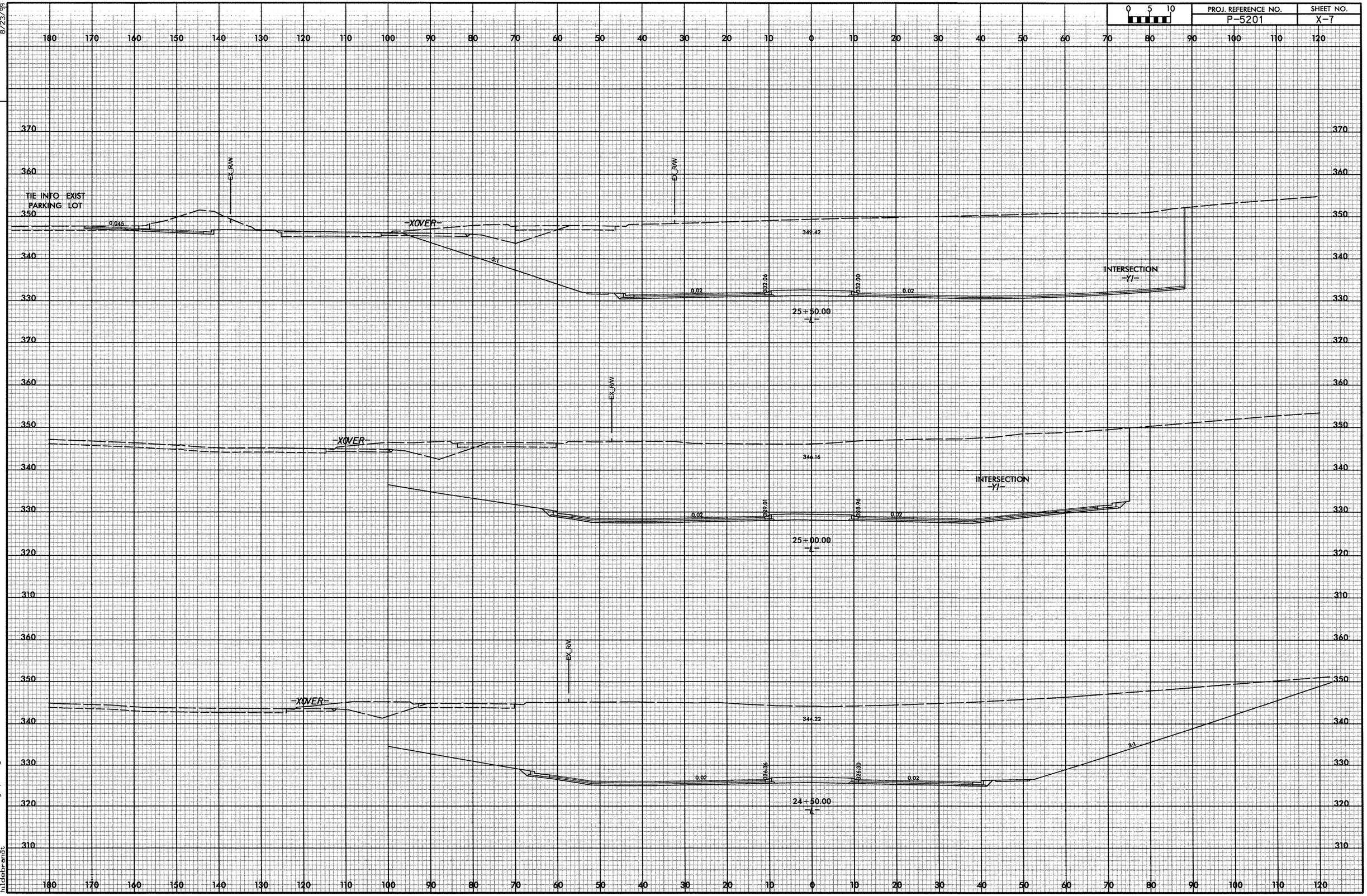

0422DEL_P19

8/23/99

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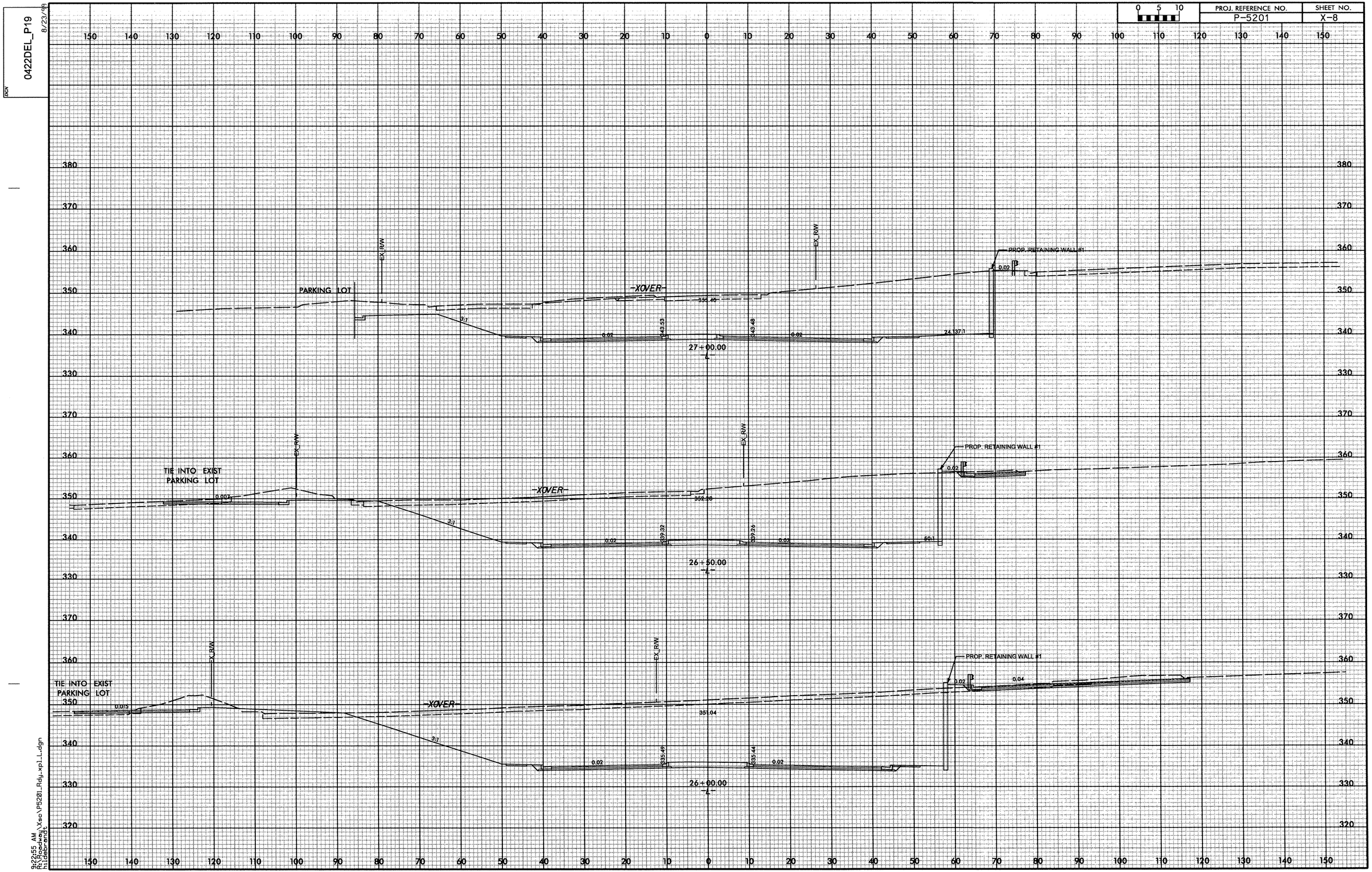
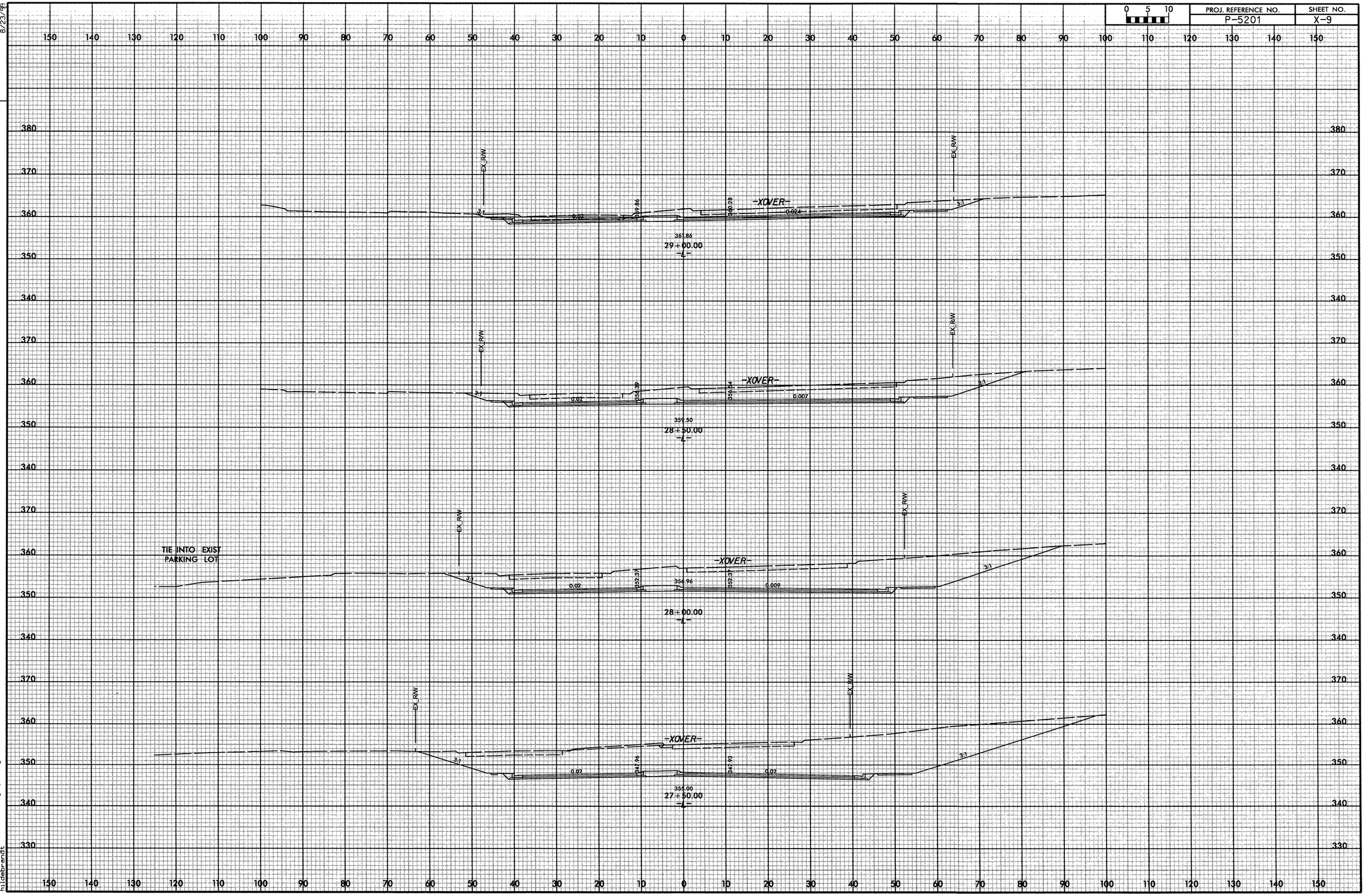


0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-8
PARKING LOT
EX_R/W
-XOVER-
PROP. RETAINING WALL #1
27+00.00
TIE INTO EXIST PARKING LOT
26+50.00
26+00.00
9:22:55 AM
R:\Roadway\Xsc\P5201_Rdy_xpl_L.dgn
hildebrandt

DGN 0422DEL_P19 8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-9



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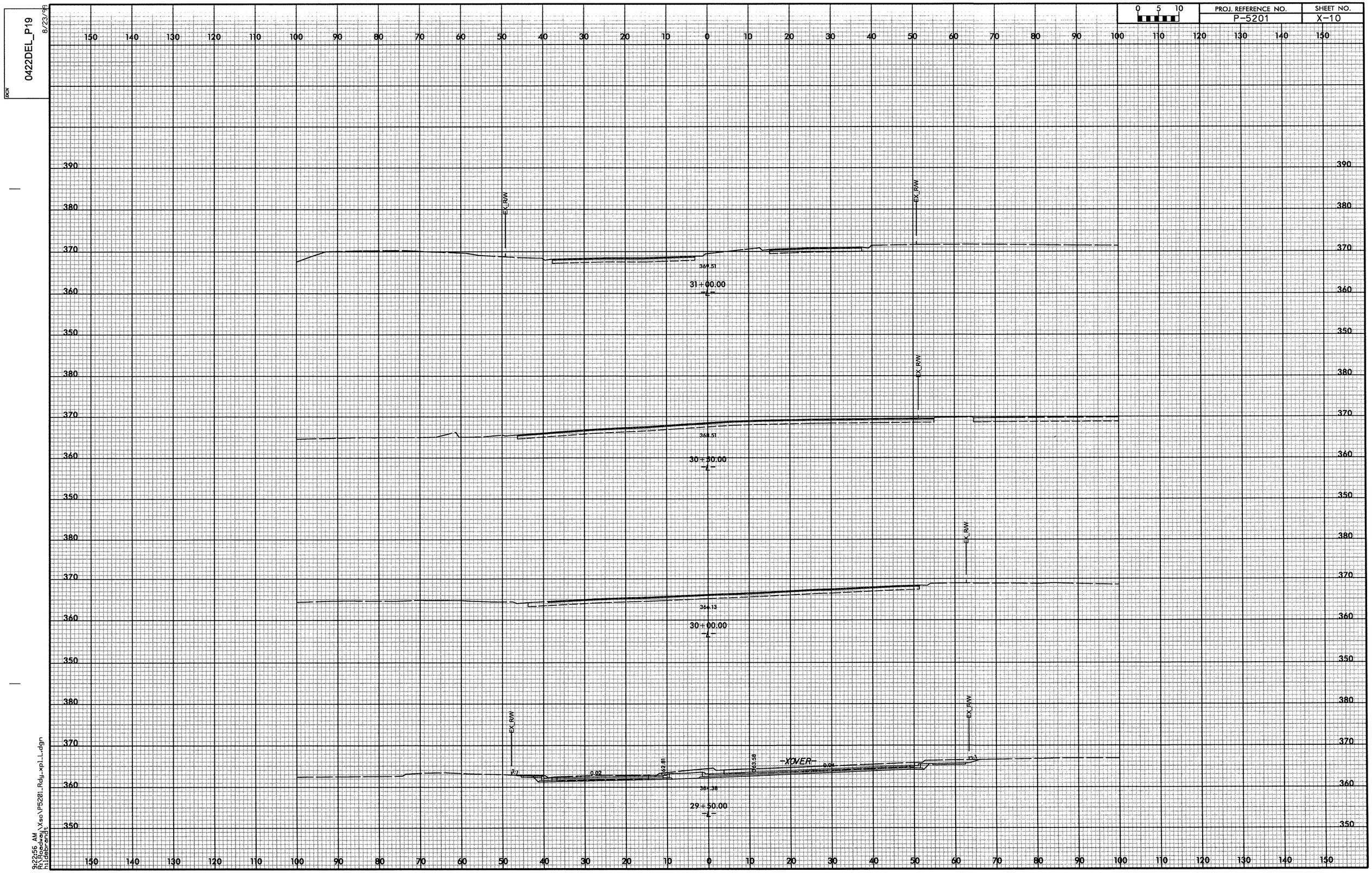

0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-10
0 5 10
EX_R/W
369.51
31+00.00
368.51
30+50.00
366.13
30+00.00
-XOVER-
0.02
0.04
362.81
363.58
364.38
29+50.00
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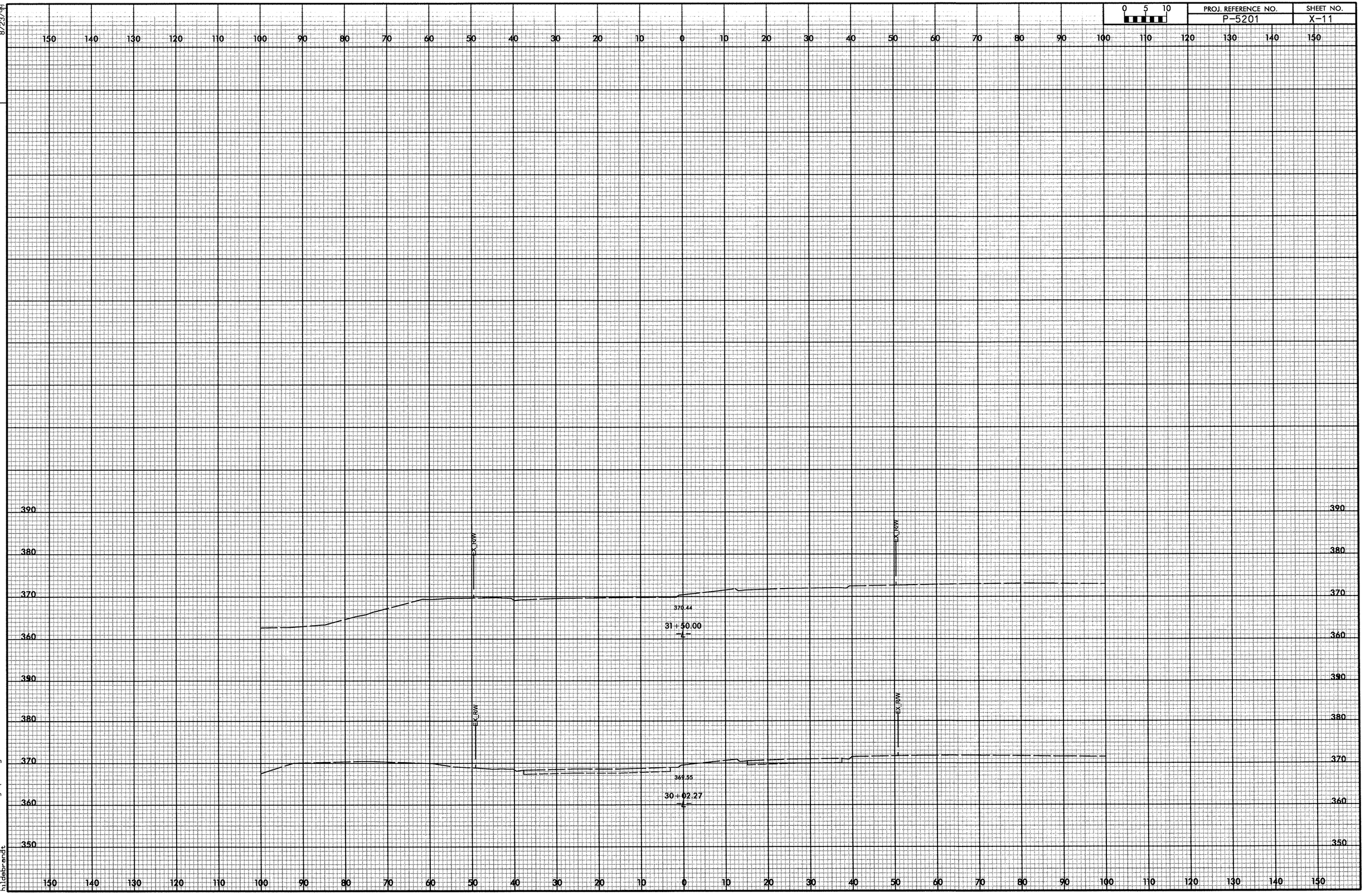
hildebrandt

DGN 0422DEL_P19 8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-11



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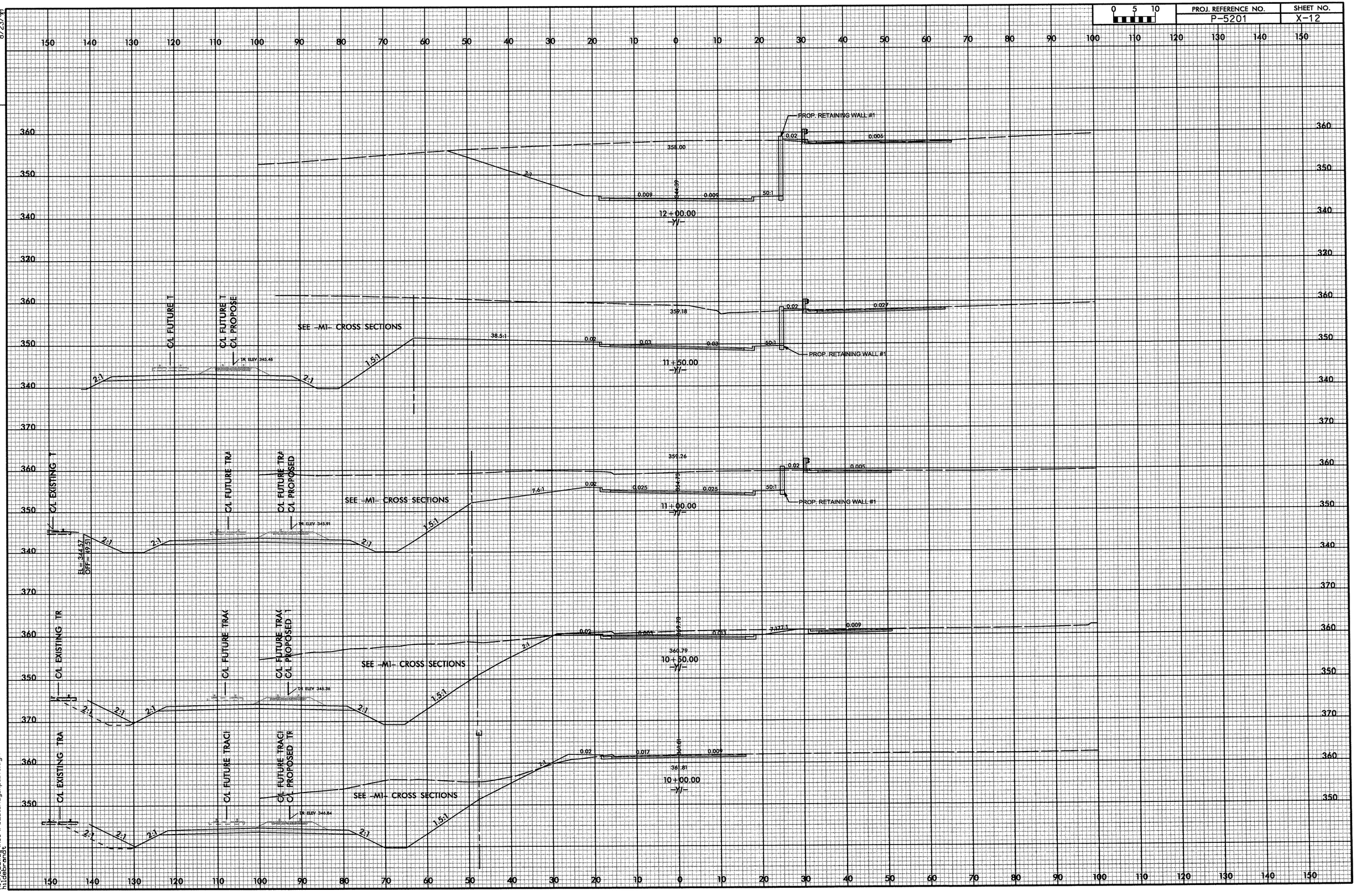
DGN 0422DEL_P19 8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-12



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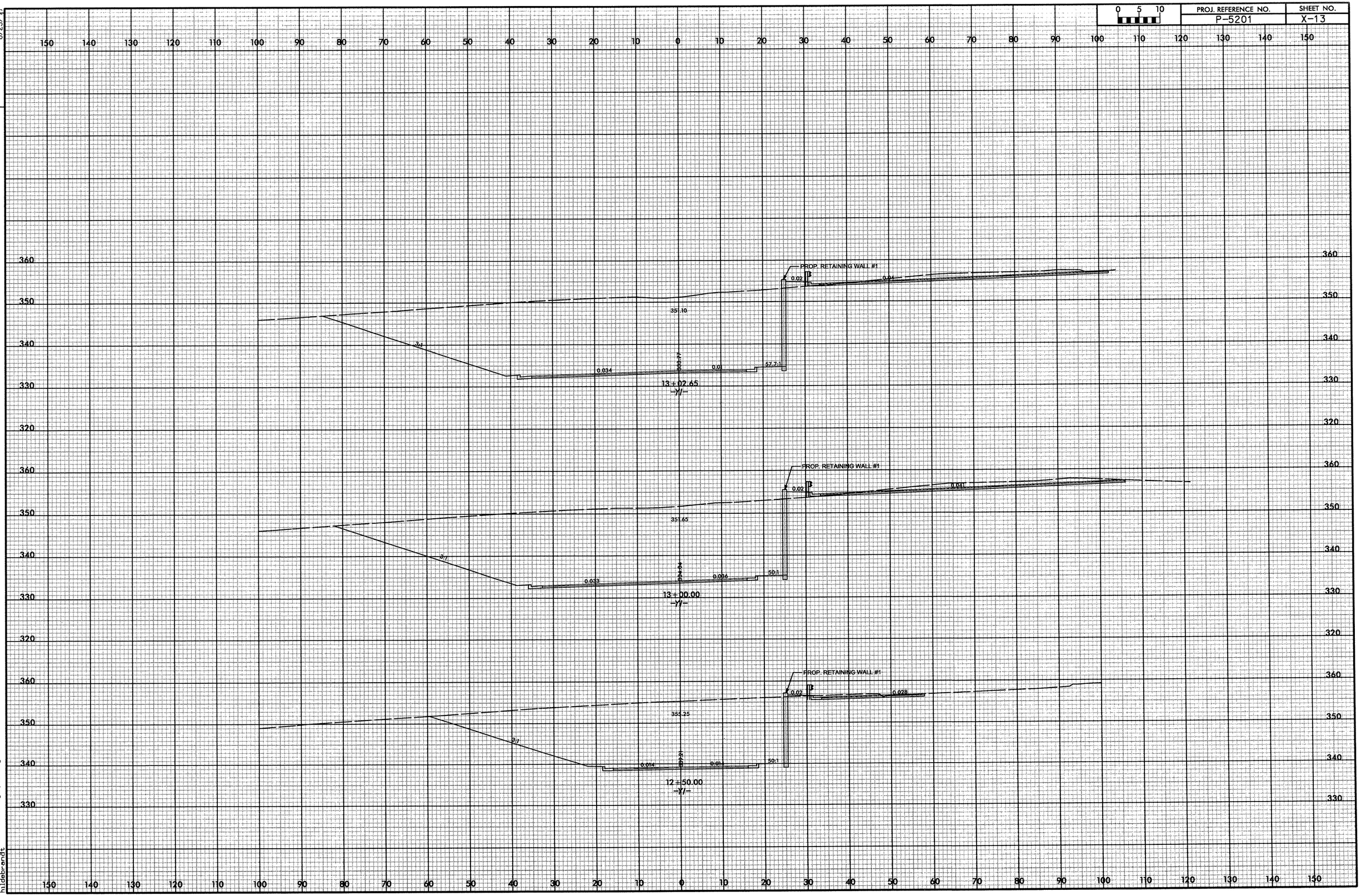
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-13



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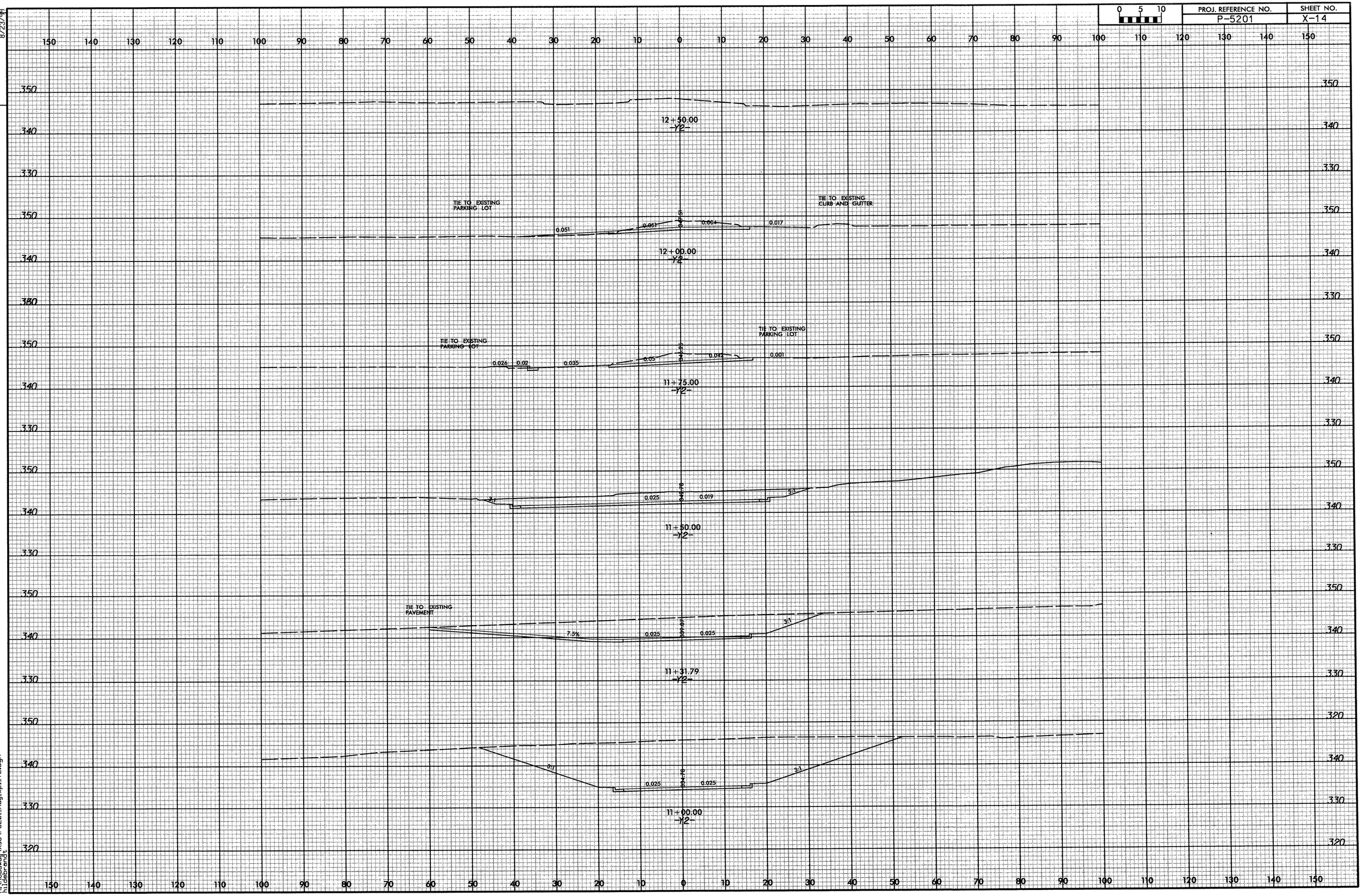
0422DEL_P19

8/23/99

DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-14



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hildebrandt

DGN 0422DEL_P19 8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-15

MATCH EXISTING SUPER

11+50.00
-DRI-

IN INTERSECTION

MATCH EXIST.

0.01 0.01

3:1

11+00.00
-DRI-

3:1

0.032 0.032

3:1

10+50.00
-DRI-

3:1

0.065 0.065

3:1

10+25.00
-DRI-

IN INTERSECTION

0.088

10+00.00
-DRI-

9:22:59 AM
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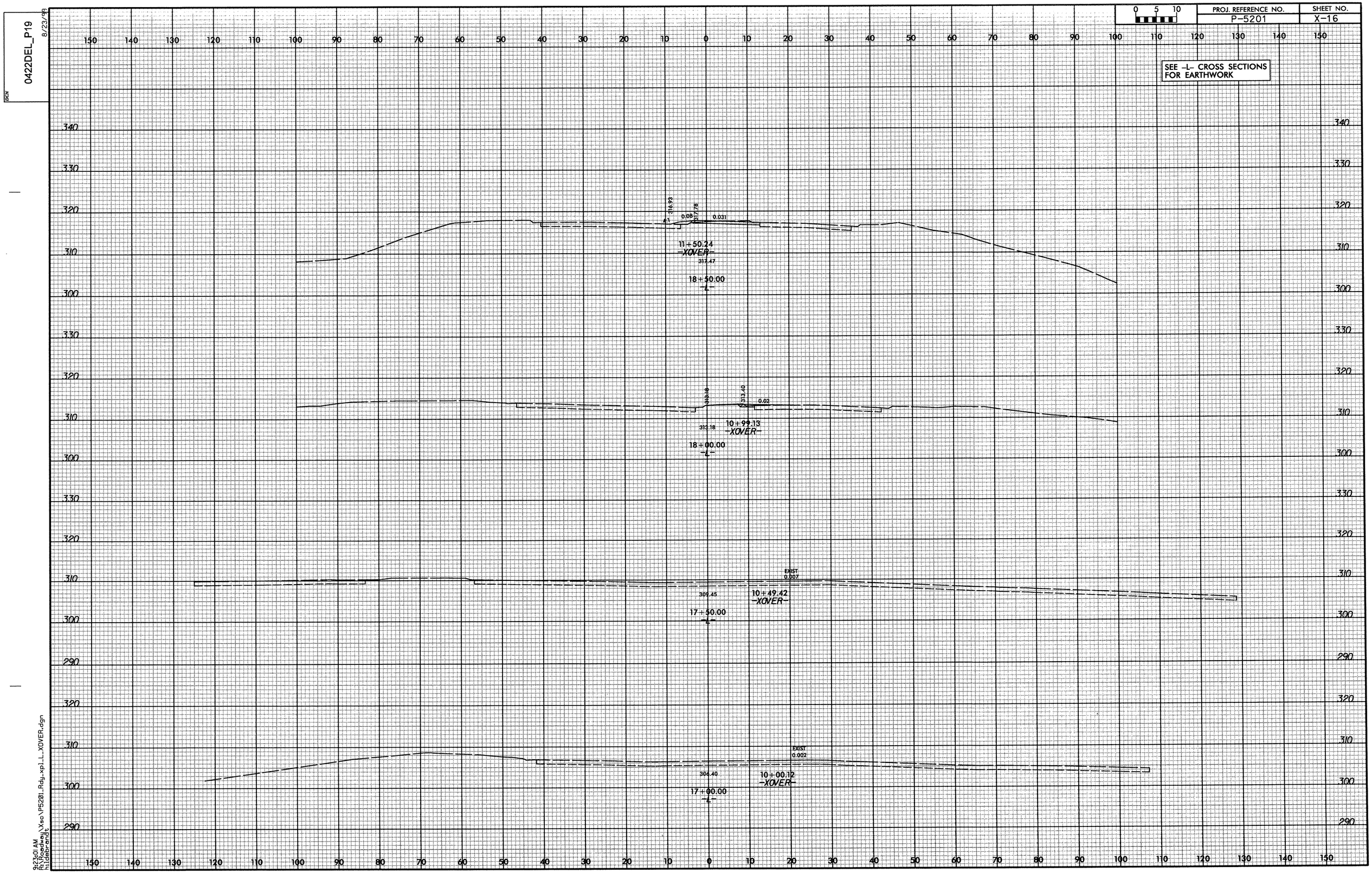

0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-16
SEE -L- CROSS SECTIONS FOR EARTHWORK
11+50.24
-XOVER-
18+50.00
-L-
10+99.13
-XOVER-
18+00.00
-L-
10+49.42
-XOVER-
17+50.00
-L-
10+00.12
-XOVER-
17+00.00
-L-
9:23:01 AM
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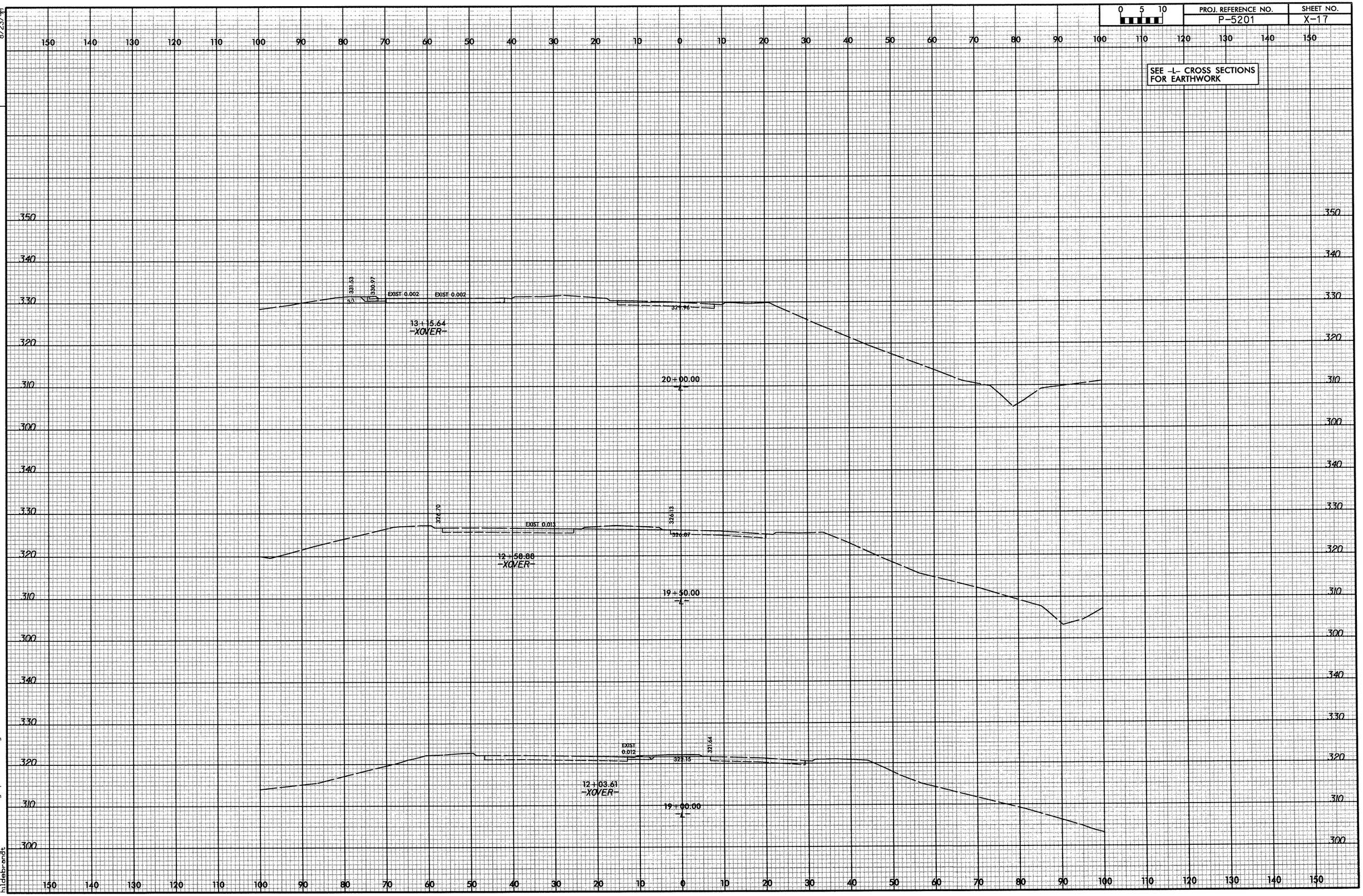
hildebrandt

0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-17

SEE –L– CROSS SECTIONS FOR EARTHWORK



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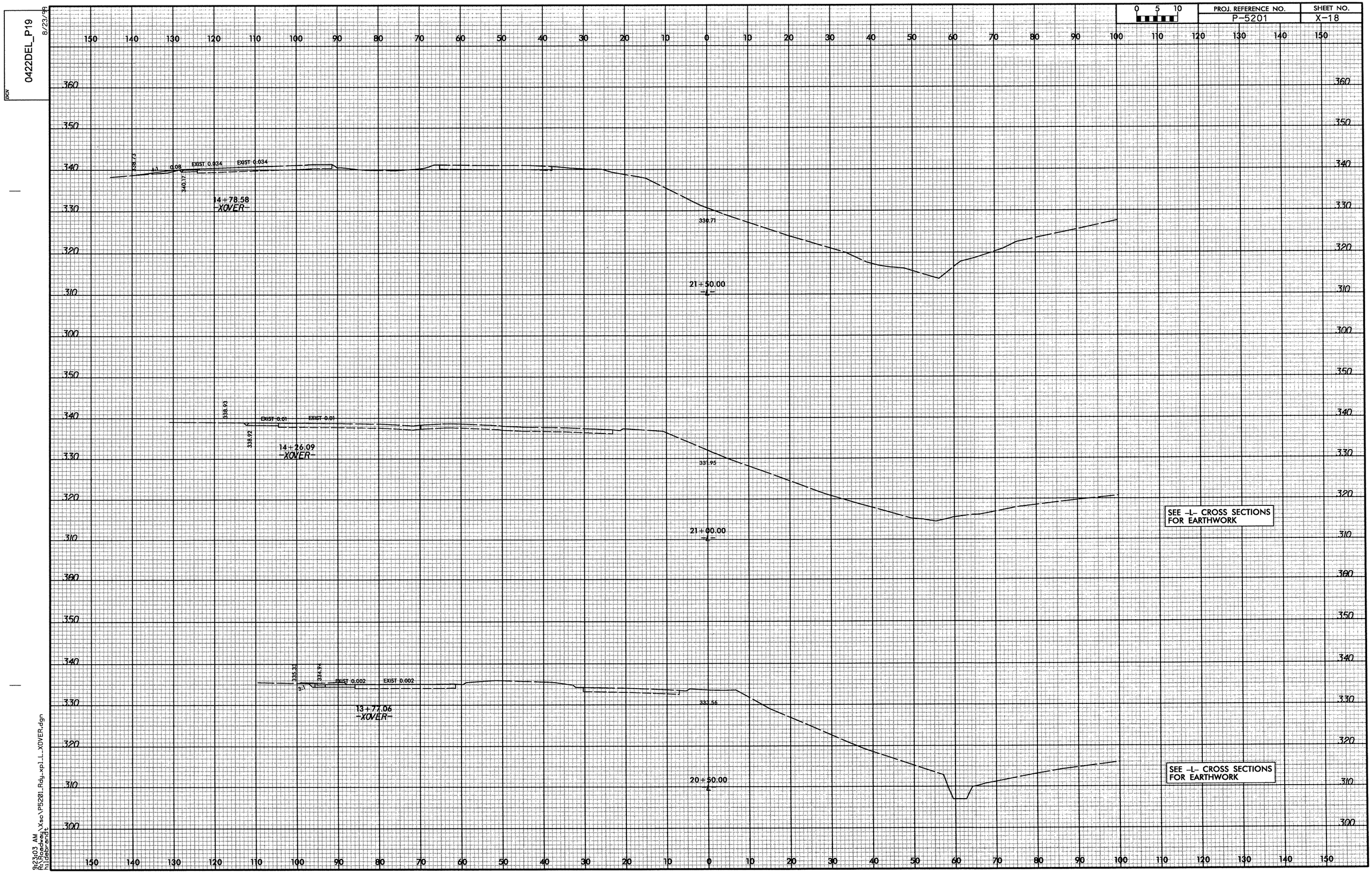

0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-18
0 5 10
14+78.58
-XOVER-
338.73
0.08
EXIST 0.034
EXIST 0.034
340.17
330.71
21+50.00
-L-
14+26.09
-XOVER-
338.93
EXIST 0.01
EXIST 0.01
338.92
331.95
21+00.00
-L-
SEE -L- CROSS SECTIONS FOR EARTHWORK
13+77.06
-XOVER-
335.33
334.94
EXIST 0.002
EXIST 0.002
333.56
20+50.00
-L-
SEE -L- CROSS SECTIONS FOR EARTHWORK
9:23:03 AM
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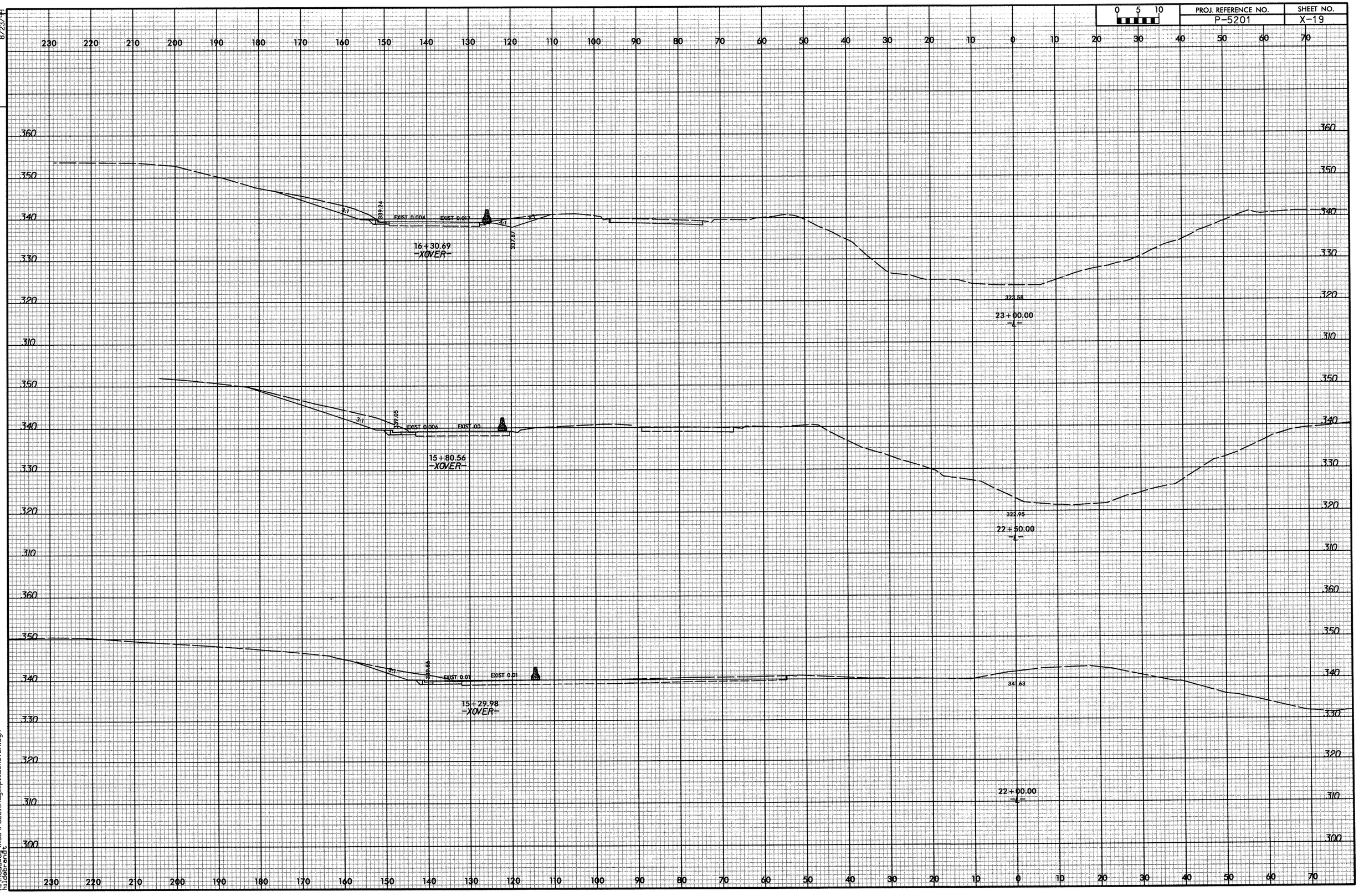
hildebrandt



0422DEL_P19

8/23/99

9:23:03 AM
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hildebrandt

0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-20

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

370 360 350 340 330 320 310

343.64
EXIST 0.003
0.08
4:1
3:1
17+81.72
-XOVER-
341.31
344.22
24+50.00
-℄-

360 350 340 330 320 310

EXIST 0.019
0.08
4:1
3:1
339.45
17+30.94
-XOVER-
24+00.00
-℄-

360 350 340 330 320 310

340.40
EXIST 0.02
4:1
3:1
318.86
16+80.71
-XOVER-
23+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

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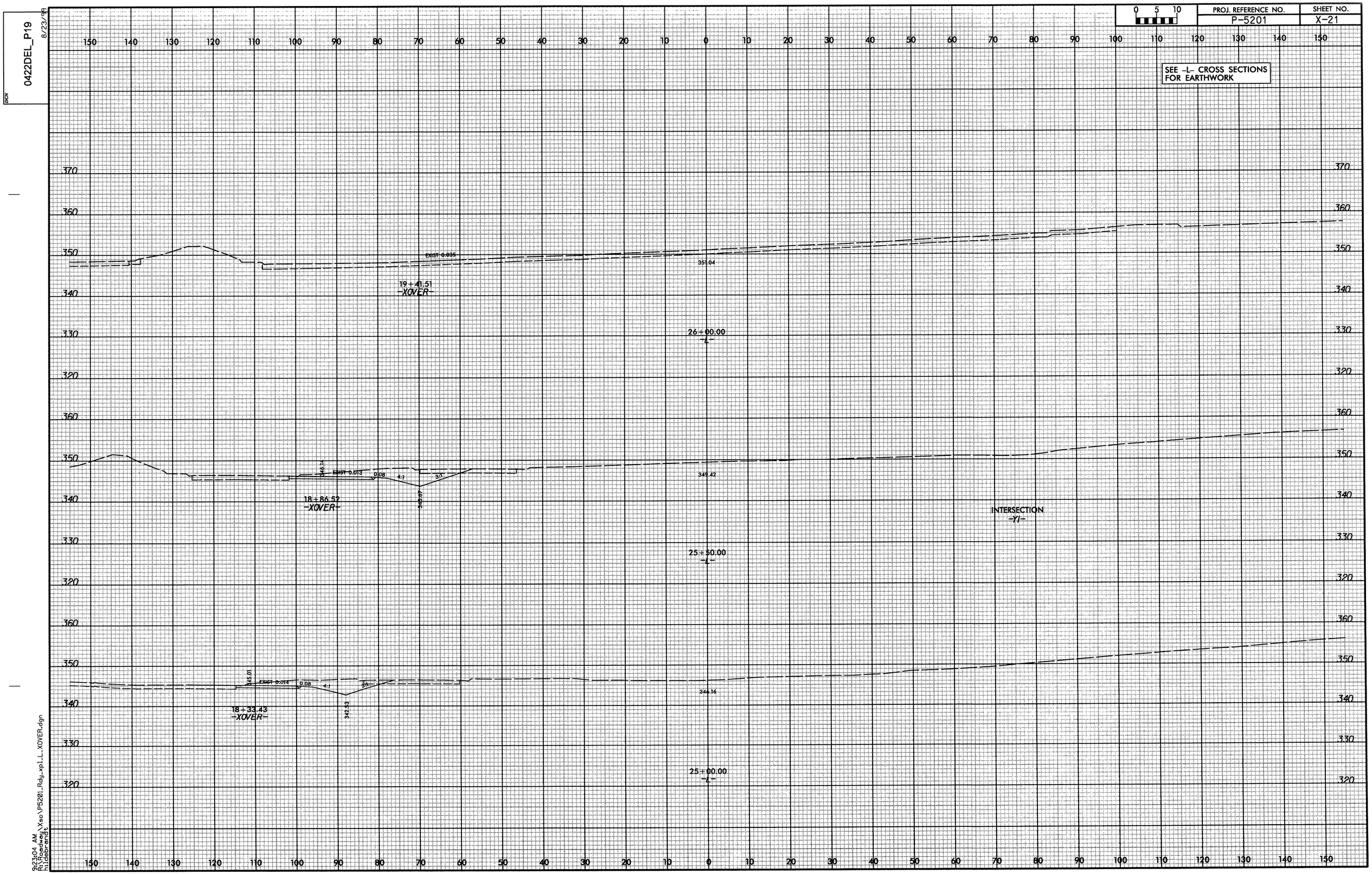


0422DEL_P19
8/23/99
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-21
SEE -L- CROSS SECTIONS FOR EARTHWORK
EXIST 0.035
351.04
19+41.51
-XOVER-
26+00.00
-L-
EXIST 0.013
0.08
4:1
3:1
349.42
18+86.52
-XOVER-
INTERSECTION
-Y1-
25+50.00
-L-
EXIST 0.014
0.08
4:1
3:1
346.16
18+33.43
-XOVER-
25+00.00
-L-
9:23:04 AM
R:\Roadway\Xsc\P5201_Rdy_xpl_L_XOVER.dgn
hildebrandt

DGN 0422DEL_P19 8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-22

SEE -L- CROSS SECTIONS FOR EARTHWORK

353.49

354.88

EXIST 0.029

21+05.96
-XOVER-

355.00
27+50.00
-L-

351.35

352.75

EXIST 0.03

355.40

20+53.24
-XOVER-

27+00.00
-L-

0.00%

EXIST 0.05

352.20

19+98.42
-XOVER-

26+50.00
-L-

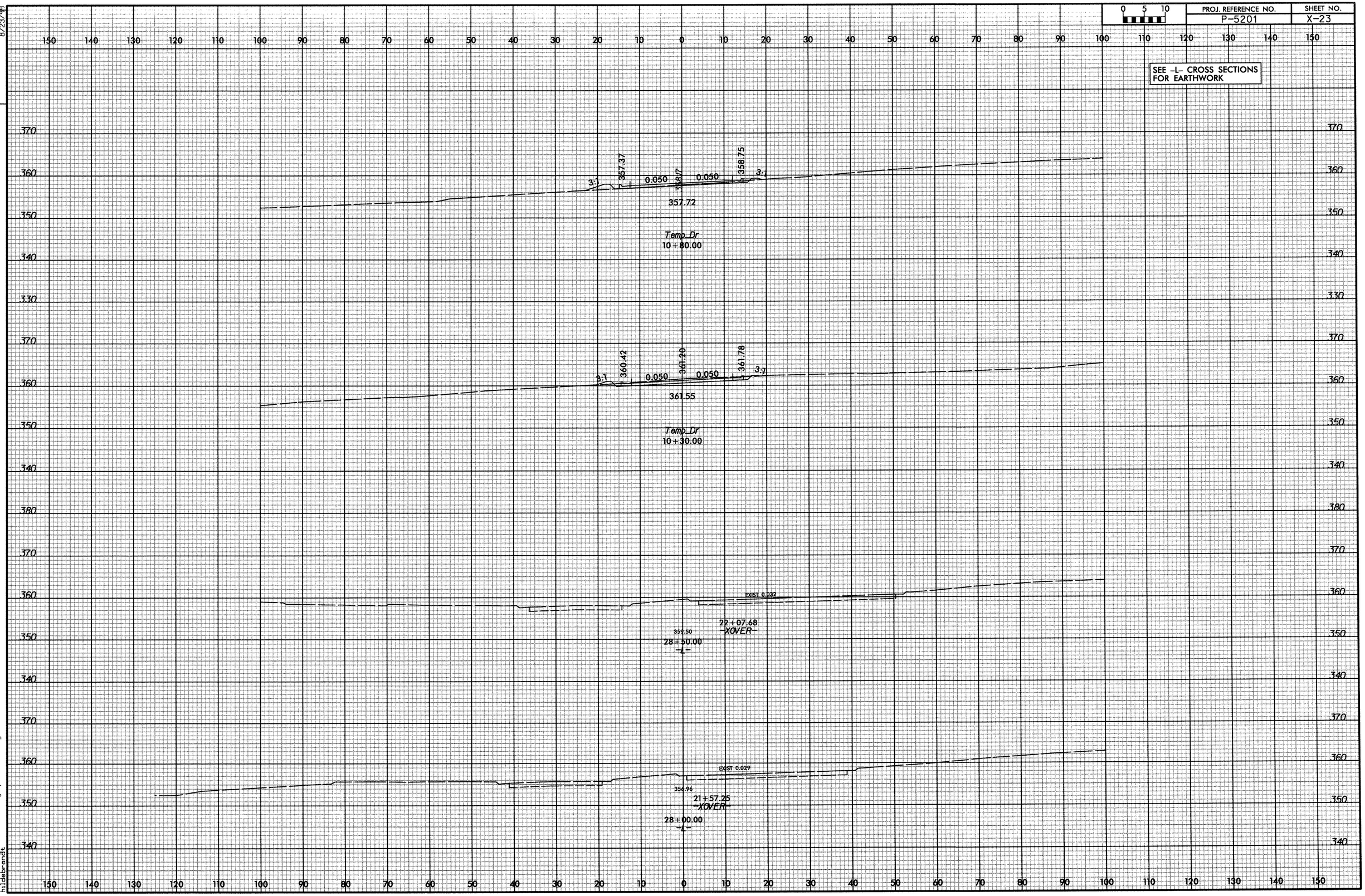
9:23:05 AM
R:\Roadway\Xsc\P5201_Rdy_xpl_L_XOVER.dgn
hildebrandt

0422DEL_P19
8/23/99
DGN

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-23

SEE –L– CROSS SECTIONS FOR EARTHWORK



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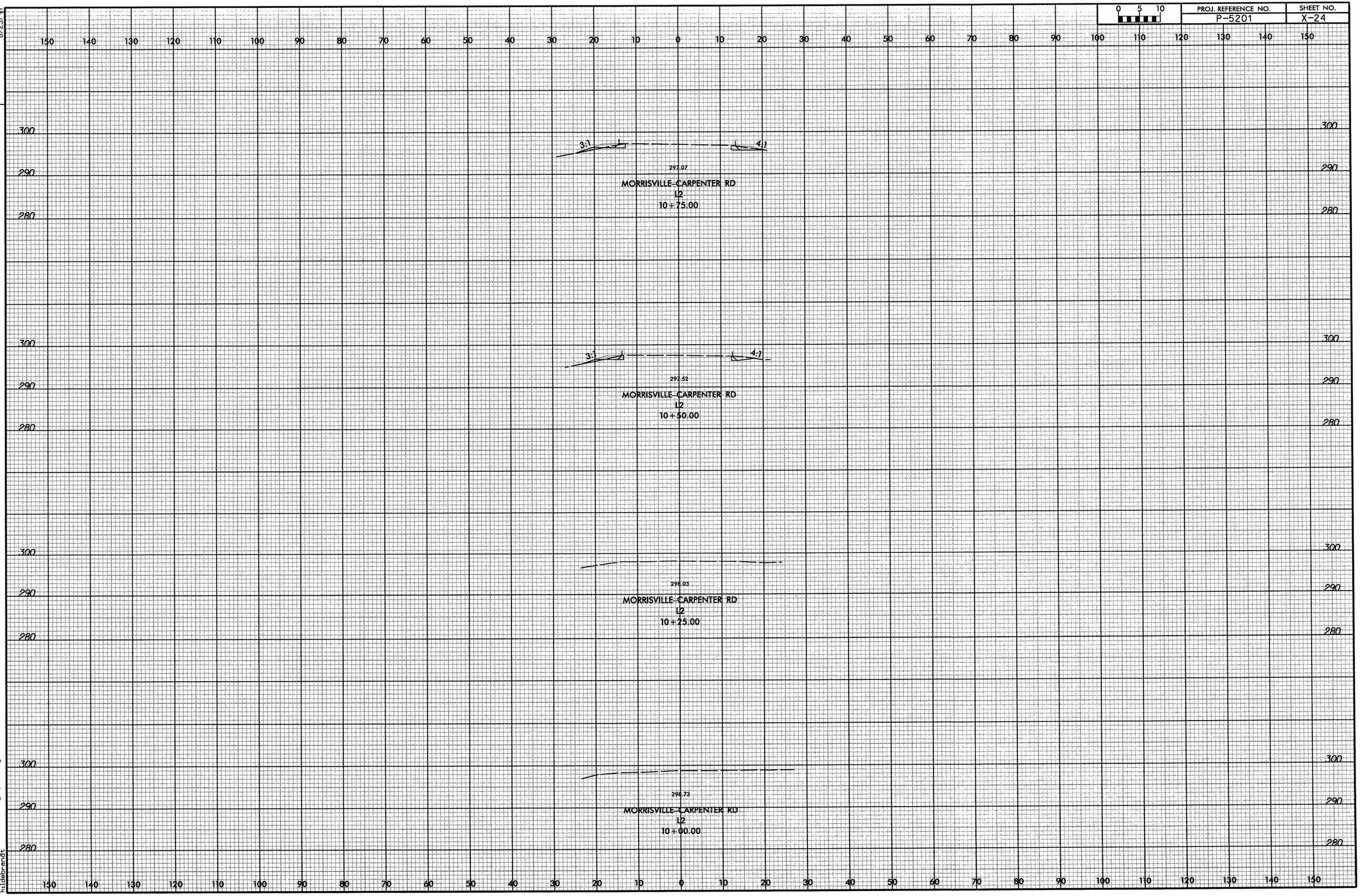
hildebrandt

DGN 0422DEL_P19 8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-24



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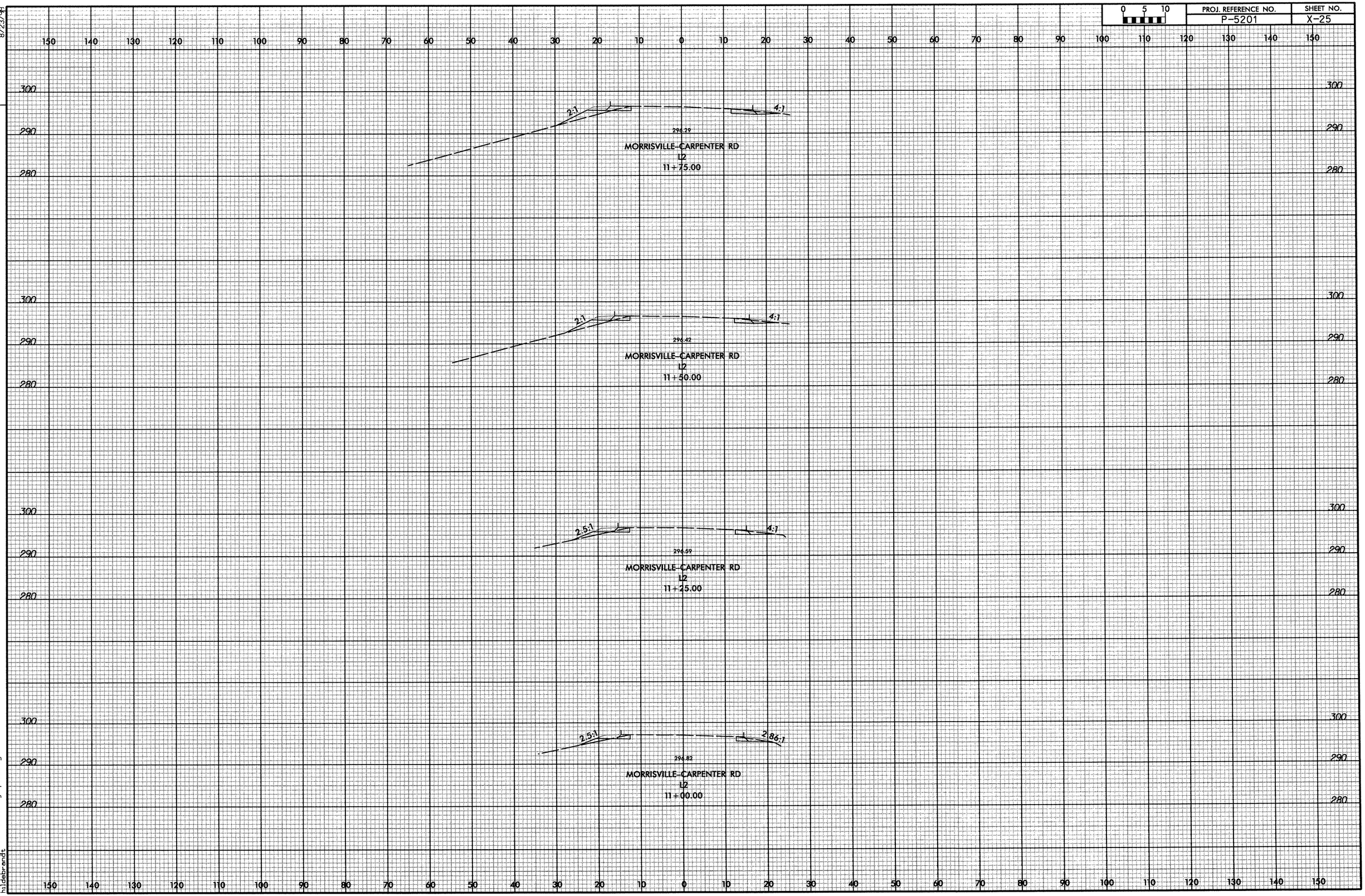
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-25



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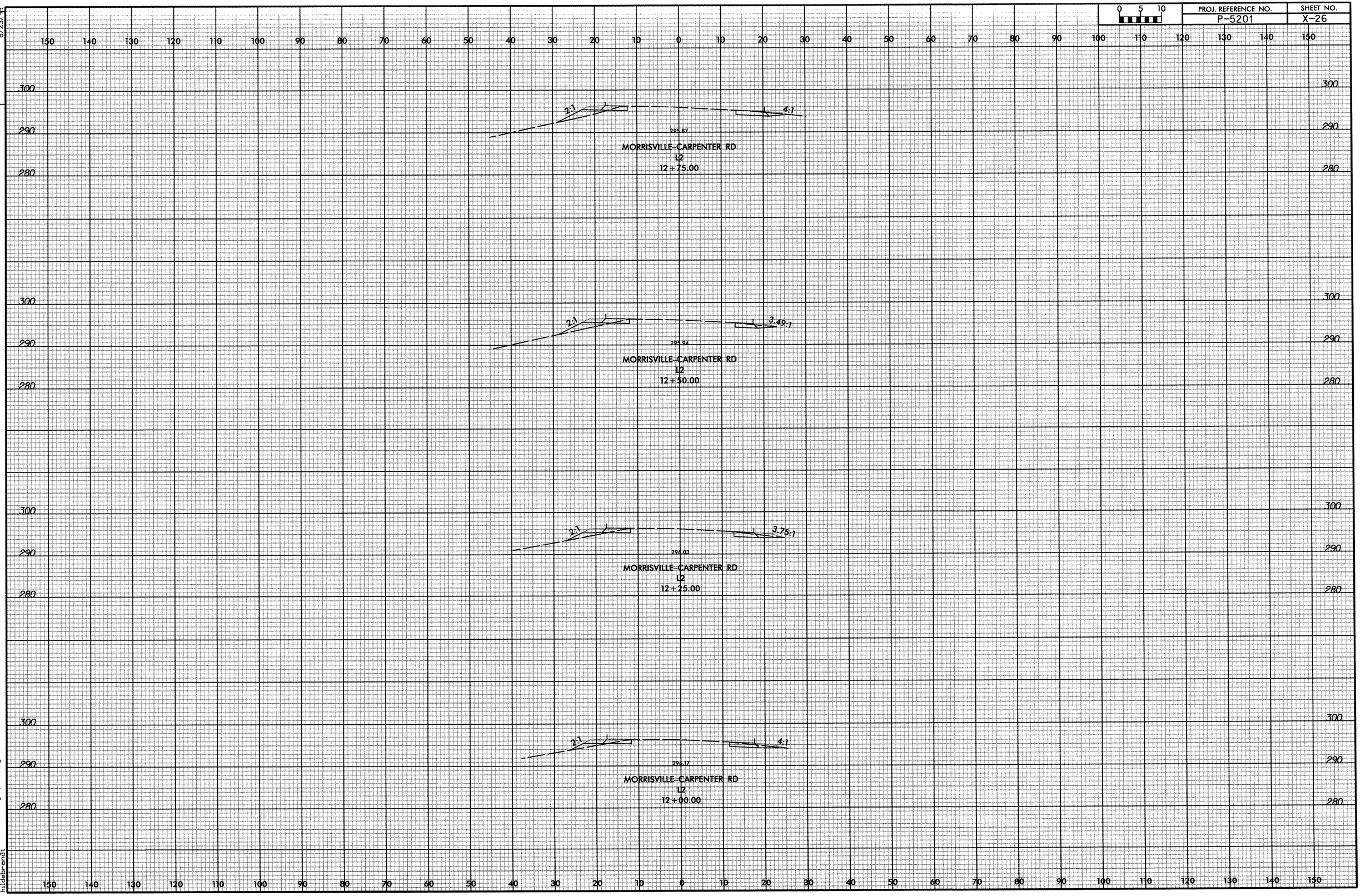
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-26



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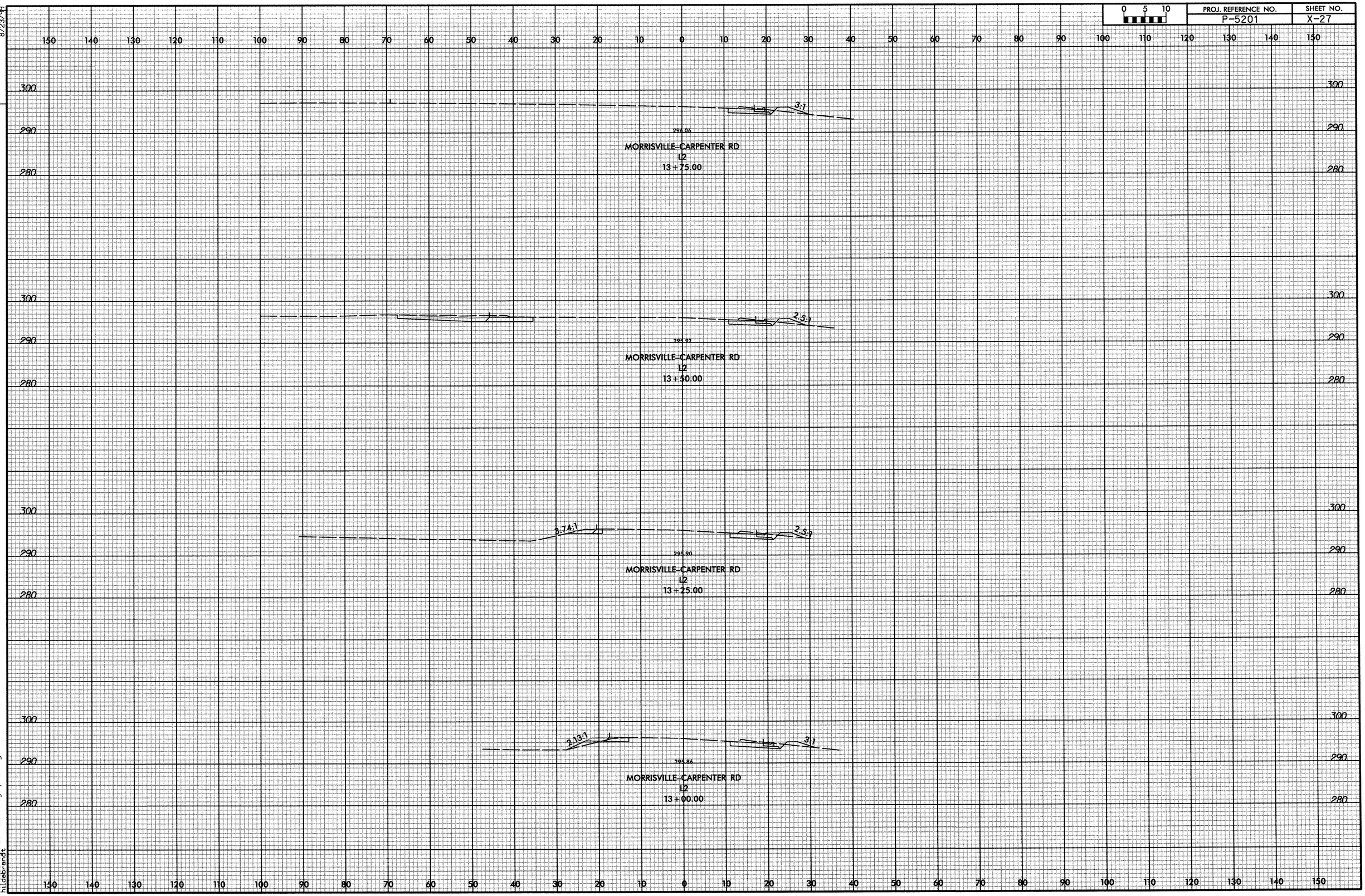
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-27



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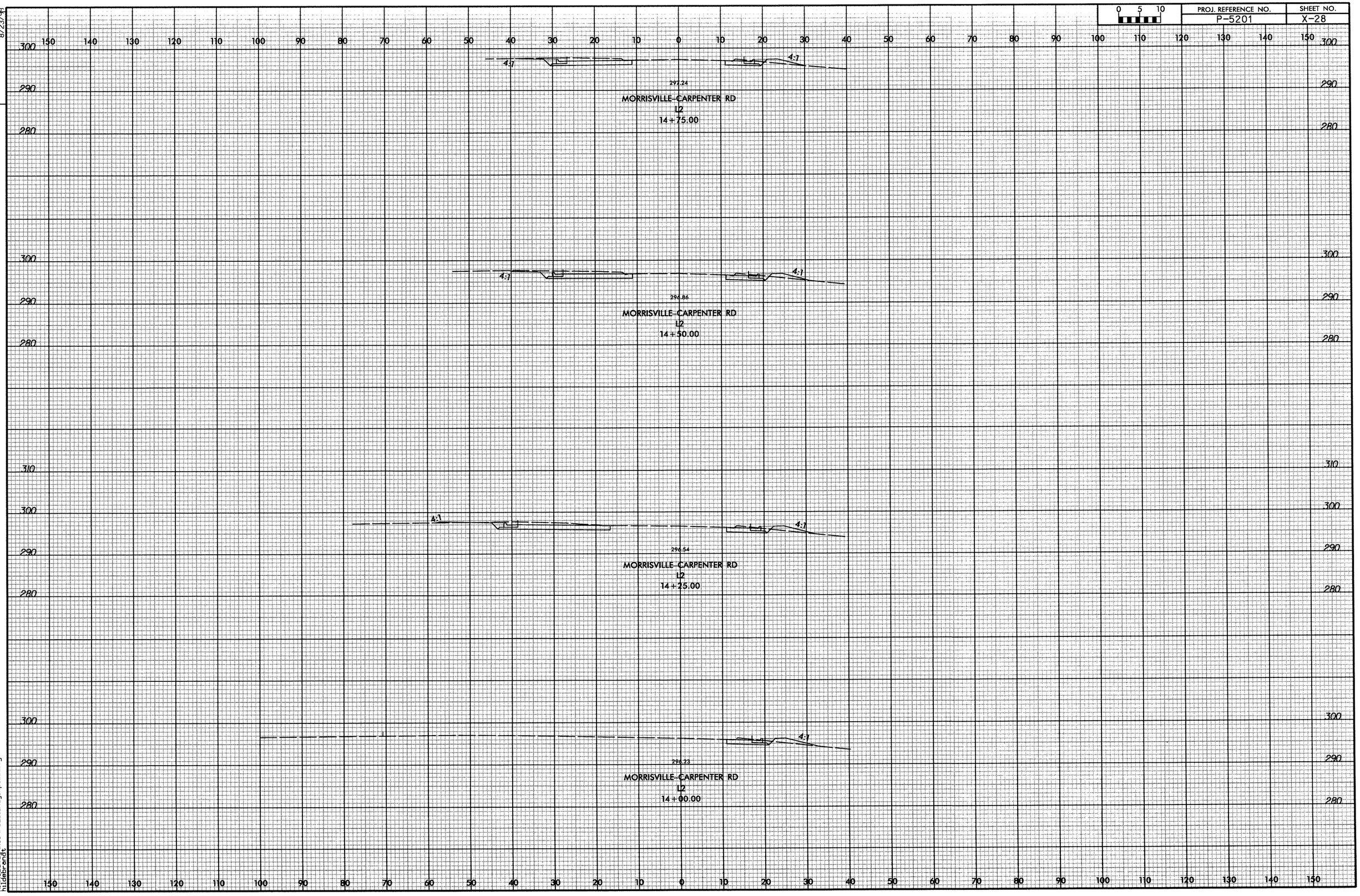
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-28



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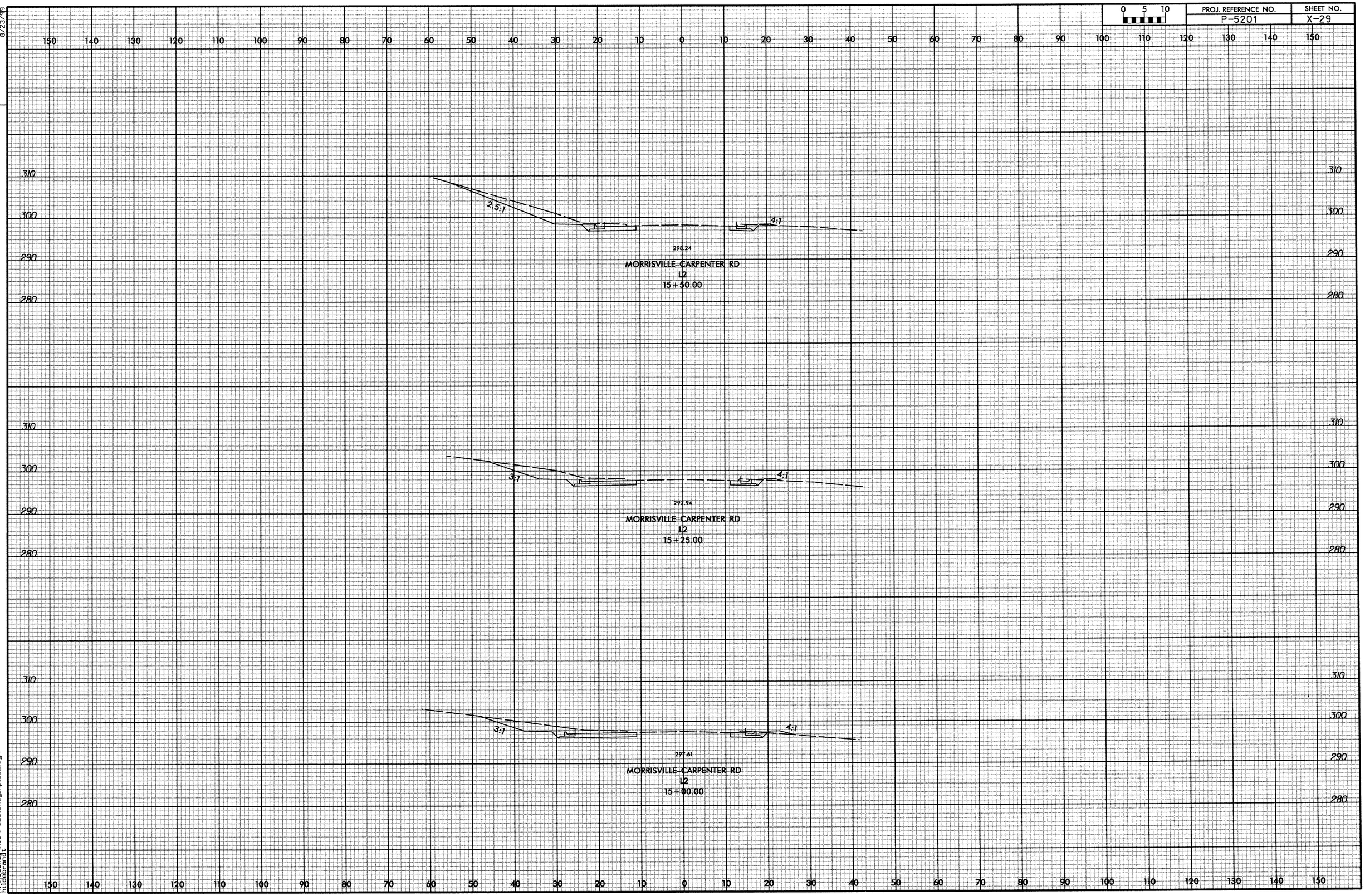
0422DEL_P19
8/23/99
DGN

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-29



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0422DEL_P19
8/23/99
DGN

PROJ. REFERENCE NO. P-5201
SHEET NO. X-30

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

310
300
290
280

298.85
MORRISVILLE-CARPENTER RD
L2
16+25.00

298.71
MORRISVILLE-CARPENTER RD
L2
16+00.00

3:1
4:1
298.51
MORRISVILLE-CARPENTER RD
L2
15+75.00

9:23:09 AM
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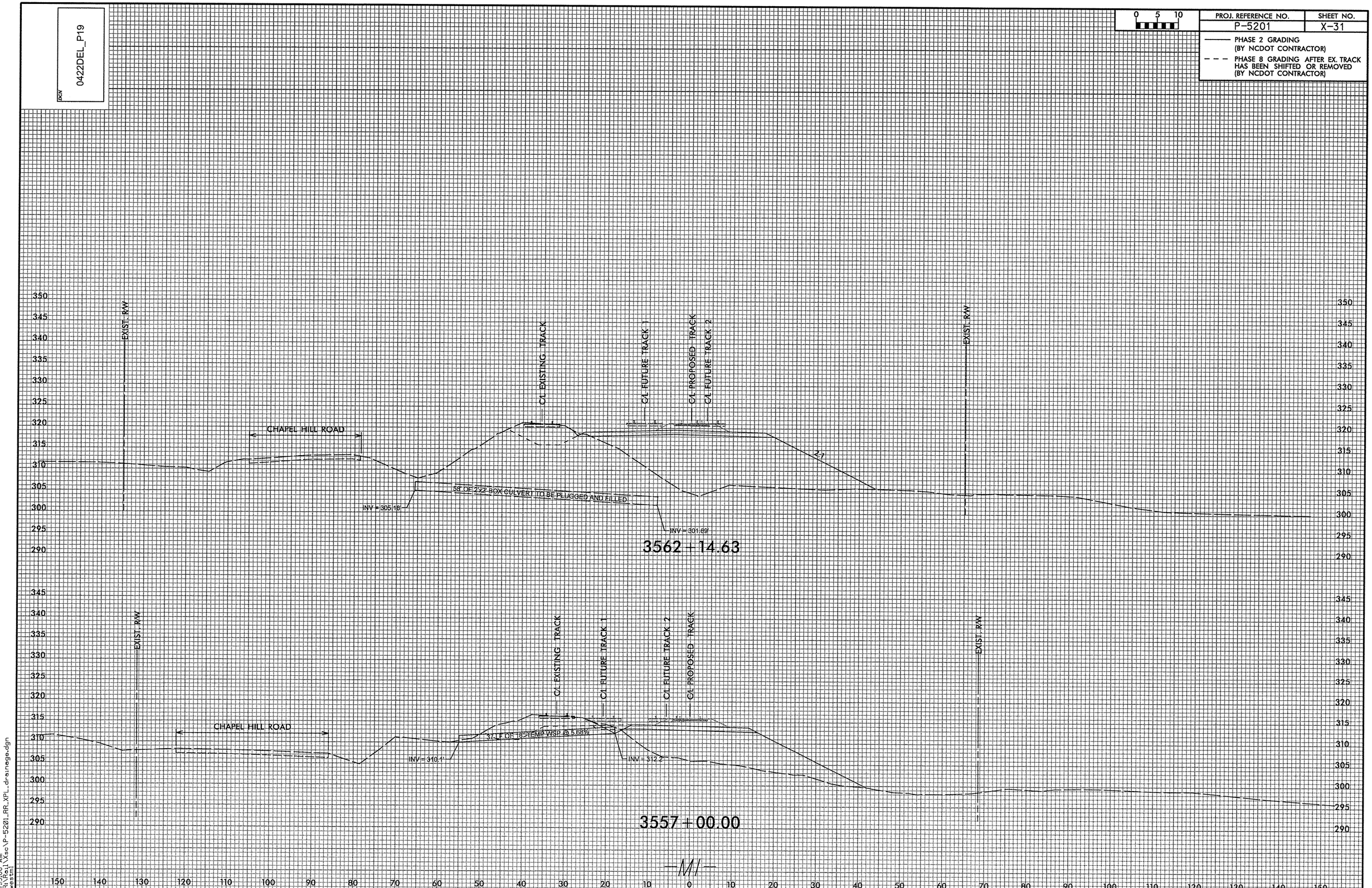
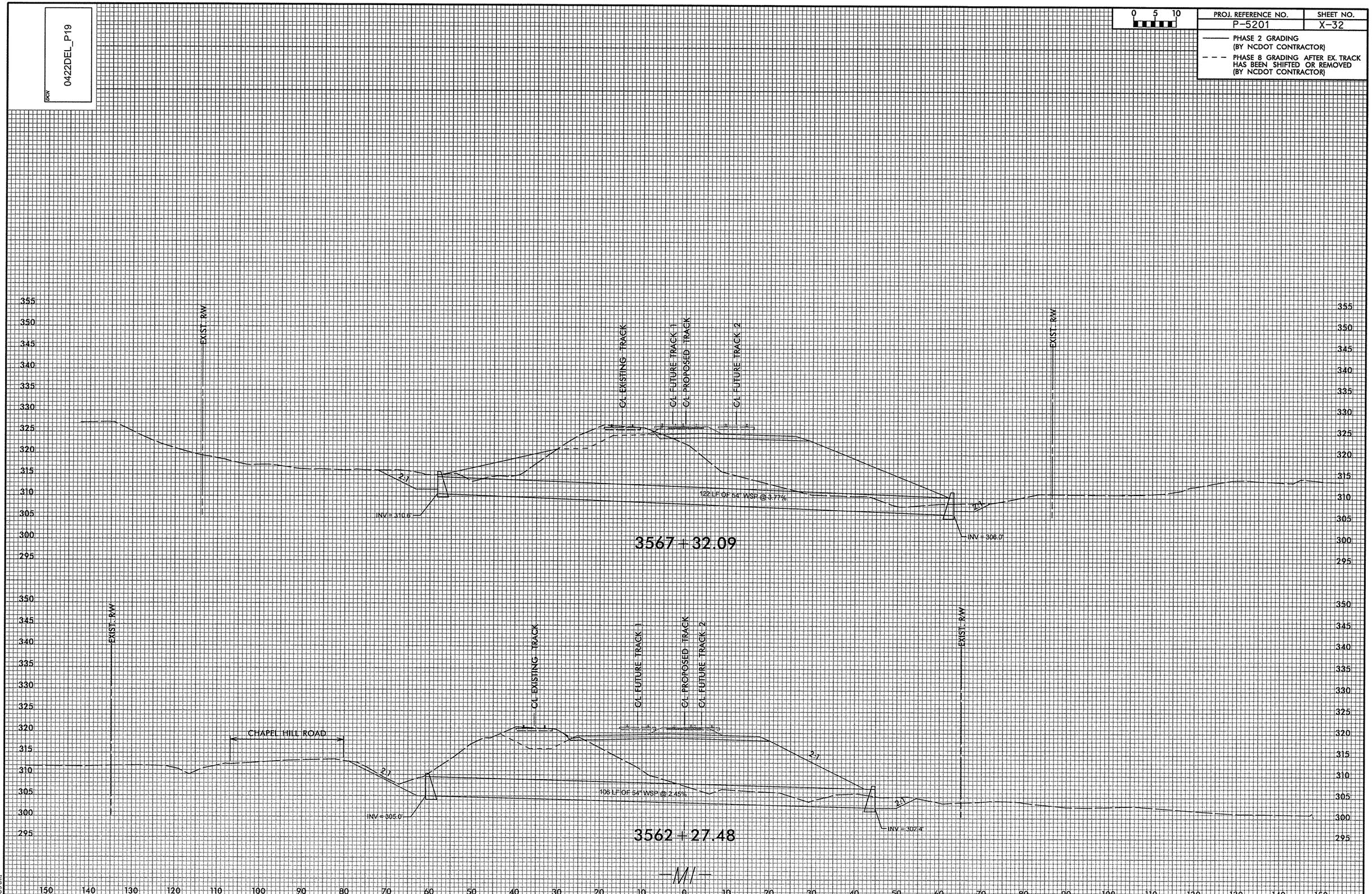
hildebrandt



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-31
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L FUTURE TRACK 1
C/L PROPOSED TRACK
C/L FUTURE TRACK 2
CHAPEL HILL ROAD
2:1
58' OF 2x2' BOX CULVERT TO BE PLUGGED AND FILLED
INV = 305.18'
INV = 301.89'
3562 + 14.63
37' LF OF 18" TEMP WSP @ 5.68%
INV = 310.1'
INV = 312.2'
3557 + 00.00
-M1-



7:19:07 AM
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westml

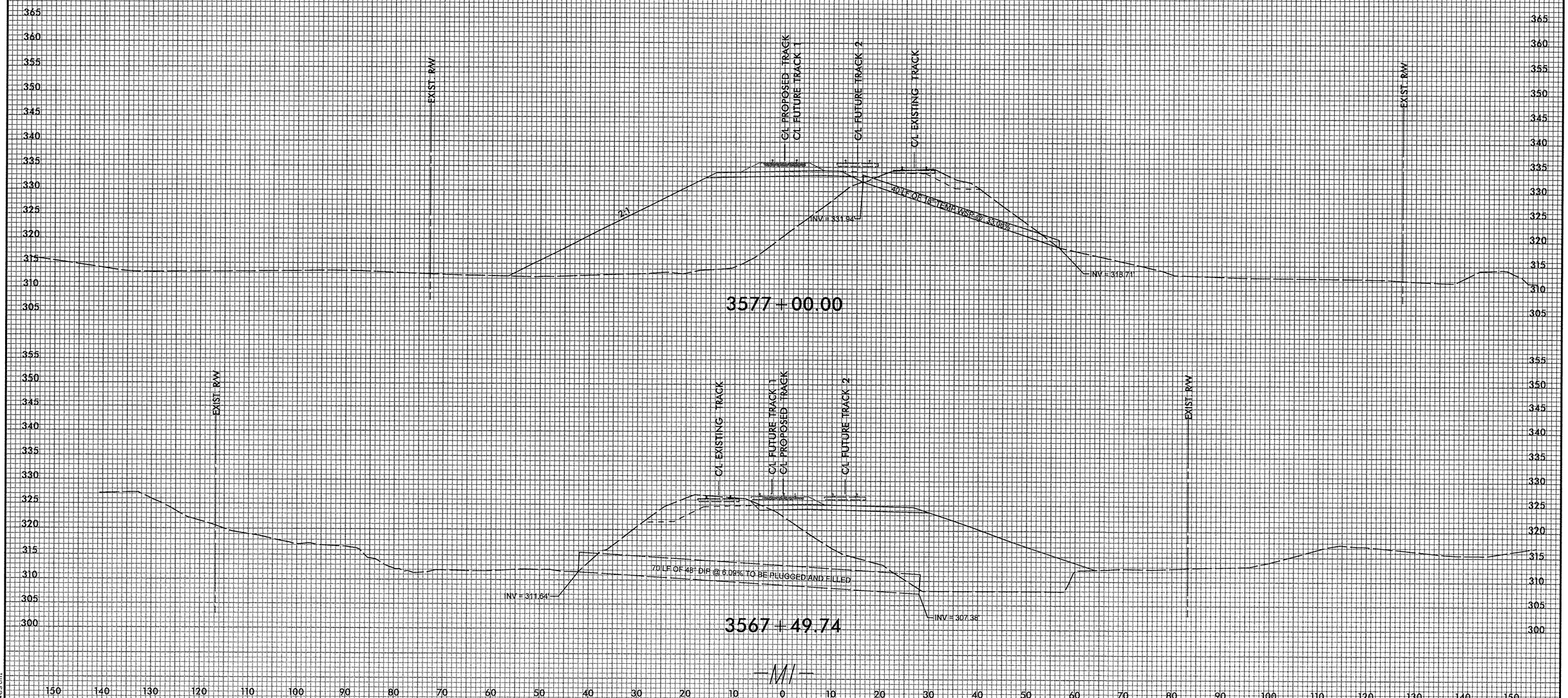
PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-33

0 5 10

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)

DGN 0422DEL_P19



7:19:08 AM
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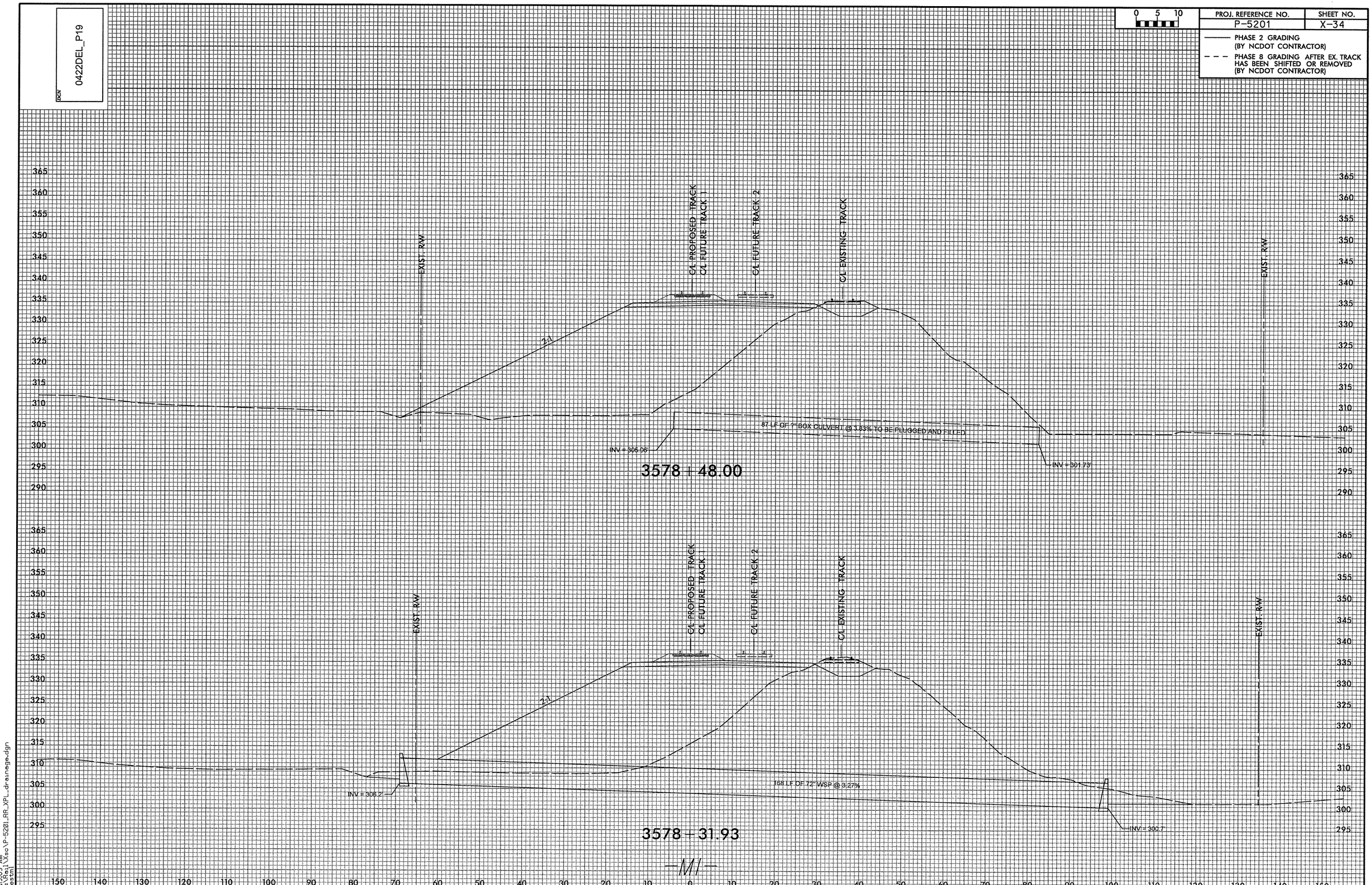
westml



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-34
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
2:1
87 LF OF ?" BOX CULVERT @ 3.83% TO BE PLUGGED AND FILLED
INV = 305.06'
INV = 301.73'
3578 + 48.00
168 LF OF 72" WSP @ 3.27%
INV = 306.2'
INV = 300.7'
3578 + 31.93
-M1-

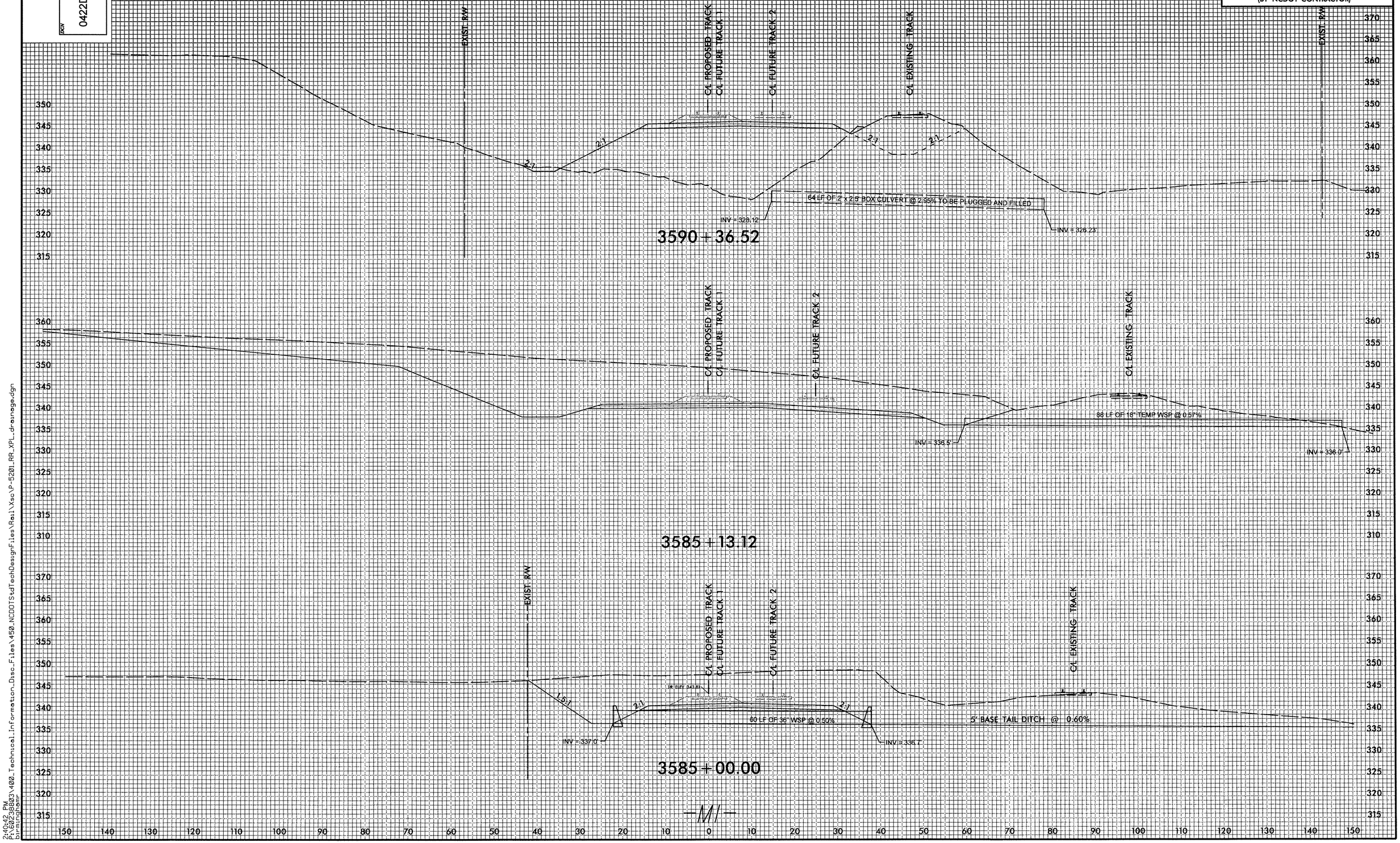
PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-35

0 5 10

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)

pcv 0422DEL_P19



2:40:42 PM
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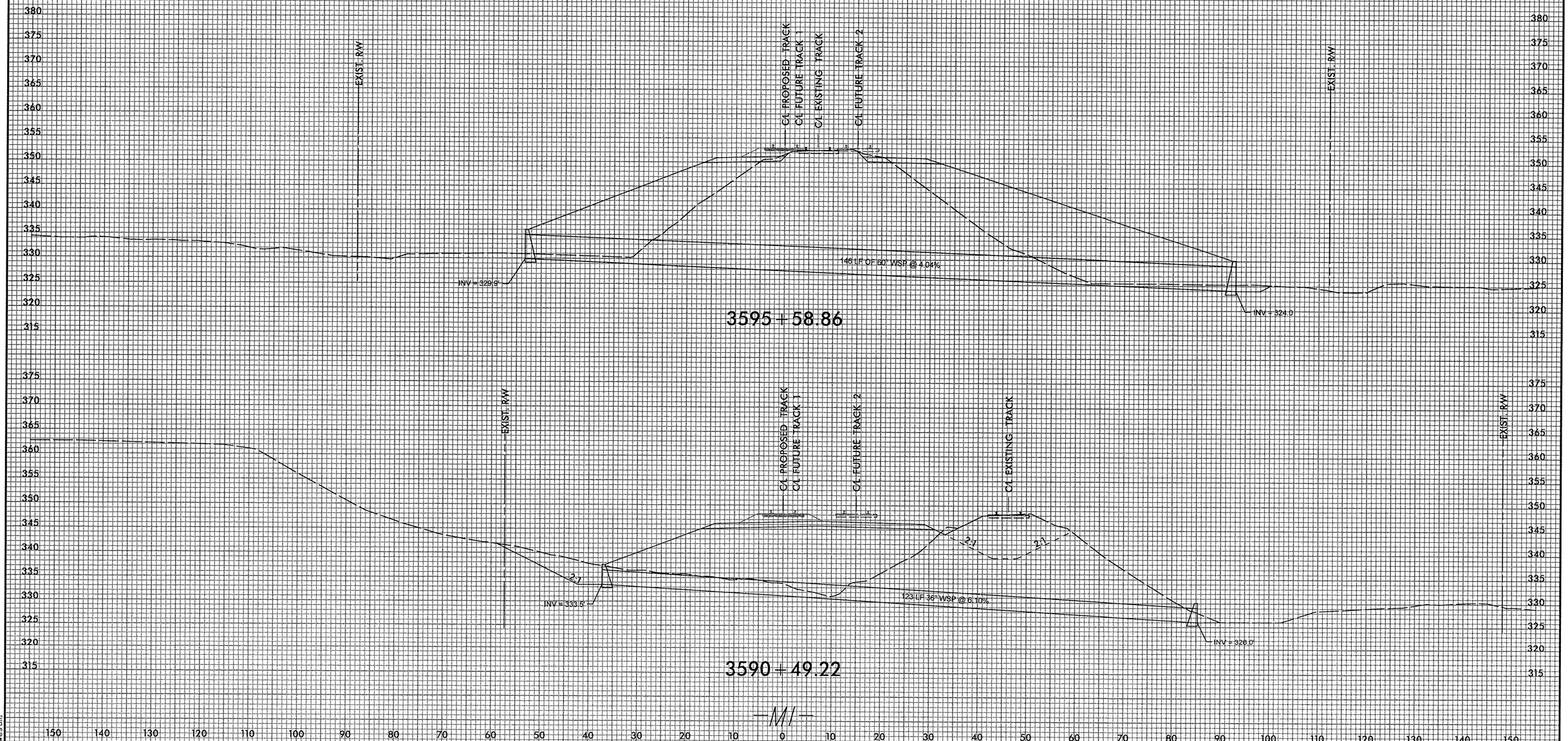
Birmingham

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-36

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7/9/2 AM
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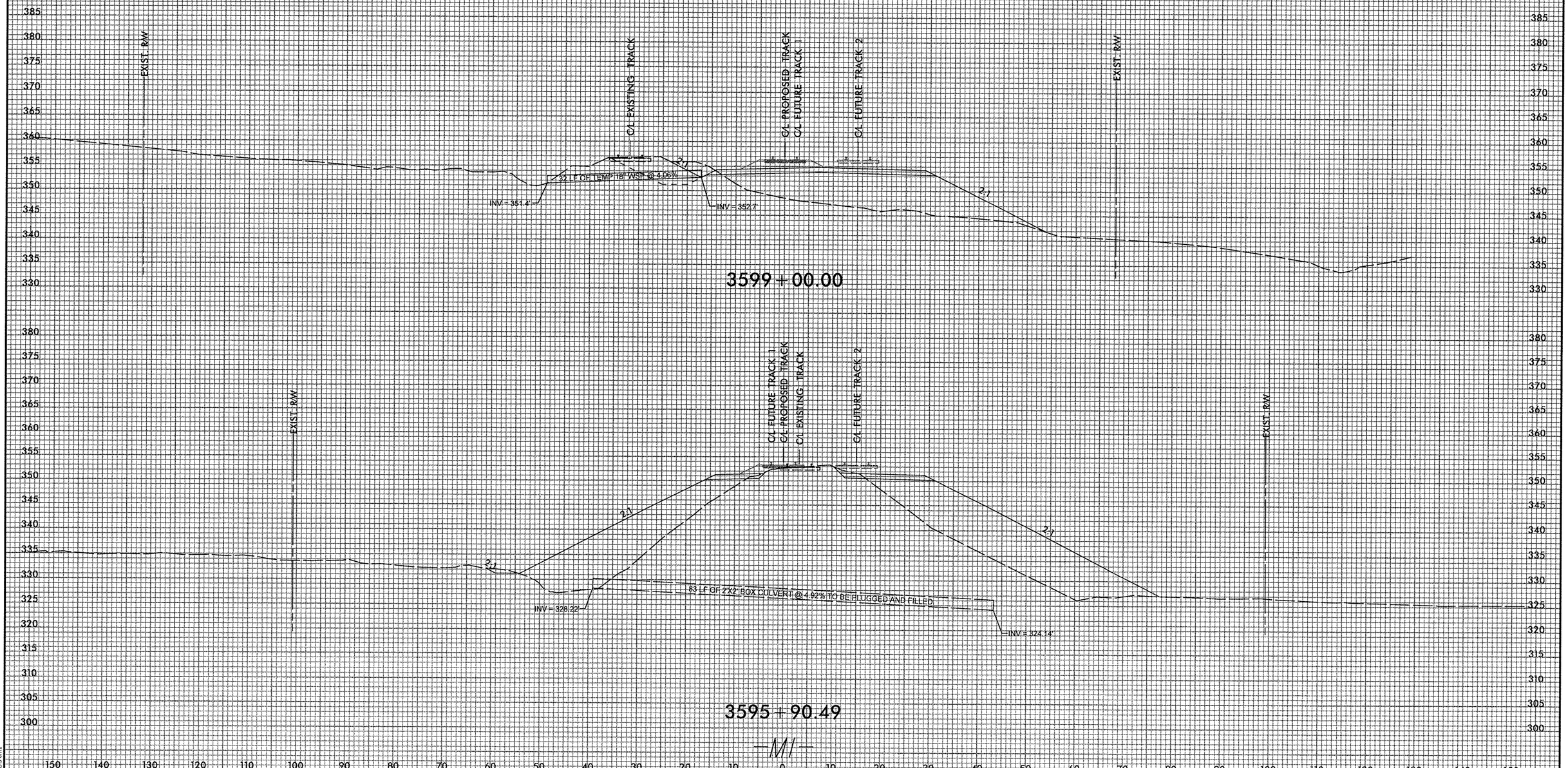
westmi

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-37

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:19:11 AM
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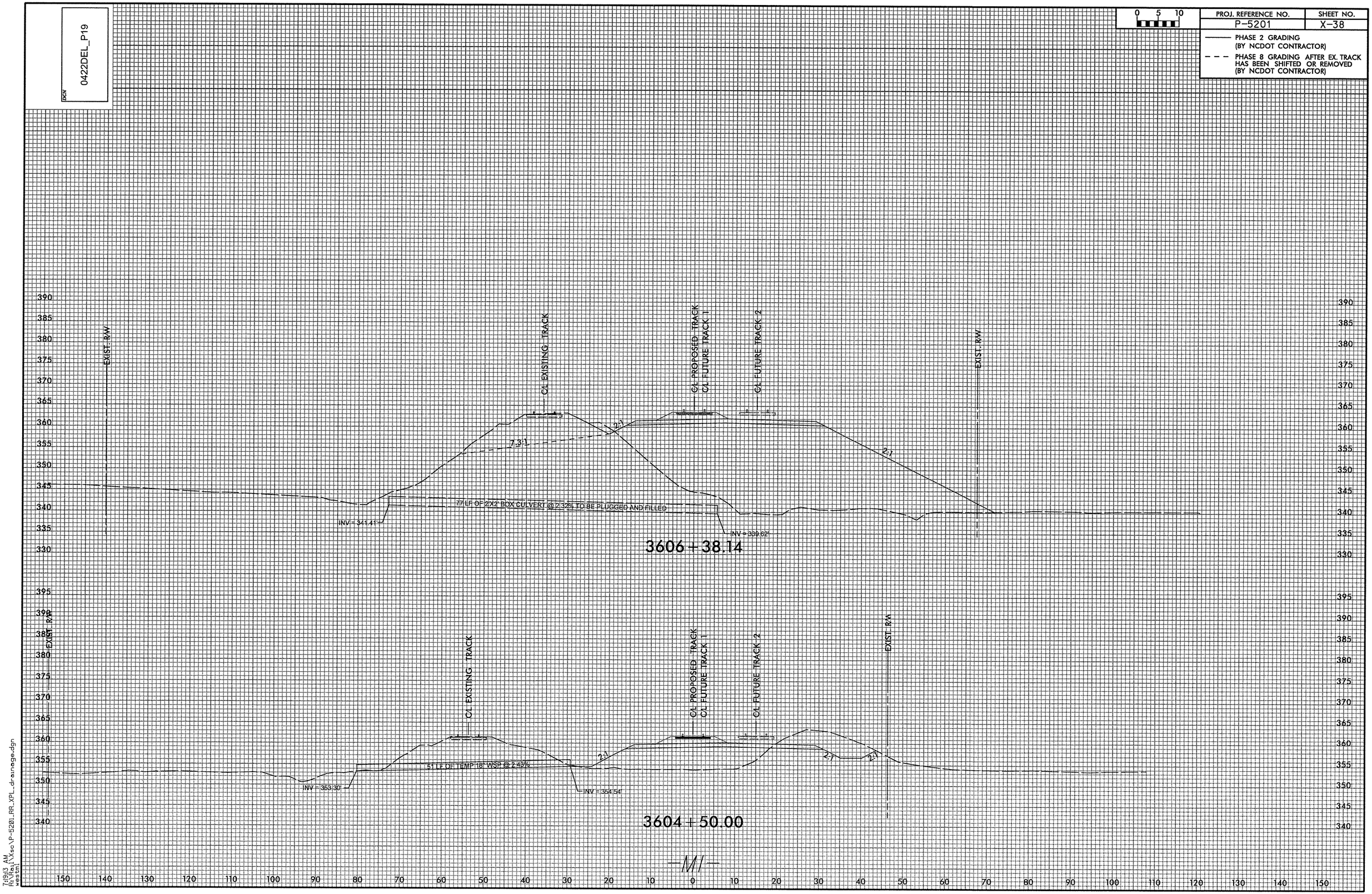
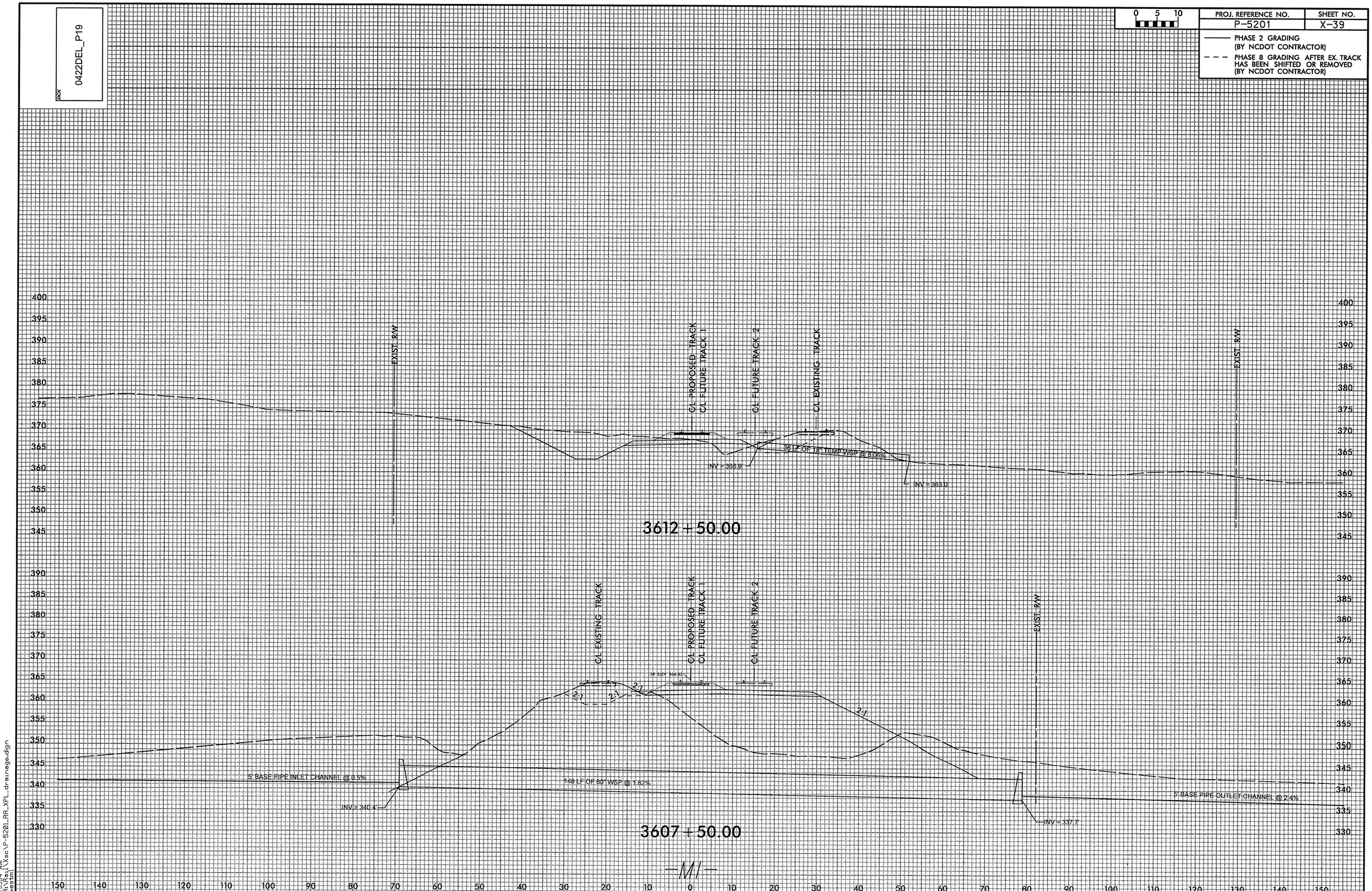
westm1



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-38
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
7.3:1
2:1
77 LF OF 2'X2' BOX CULVERT @ 2.32% TO BE PLUGGED AND FILLED
INV = 341.41'
INV = 339.62'
3606 + 38.14
51 LF OF TEMP 18" WSP @ 2.43%
INV = 353.30'
INV = 354.54'
3604 + 50.00
-M1-



DGN 0422DEL_P19
0 5 10
PROJ. REFERENCE NO. P-5201
SHEET NO. X-39
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
36 LF OF 18" TEMP WSP @ 8.06%
INV = 365.9
INV = 363.0
3612 + 50.00
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
EXIST. R/W
2:1
5' BASE PIPE INLET CHANNEL @ 0.5%
148 LF OF 60" WSP @ 1.82%
5' BASE PIPE OUTLET CHANNEL @ 2.4%
INV = 340.4'
INV = 337.7'
3607 + 50.00
-M1-
7:19:14 AM
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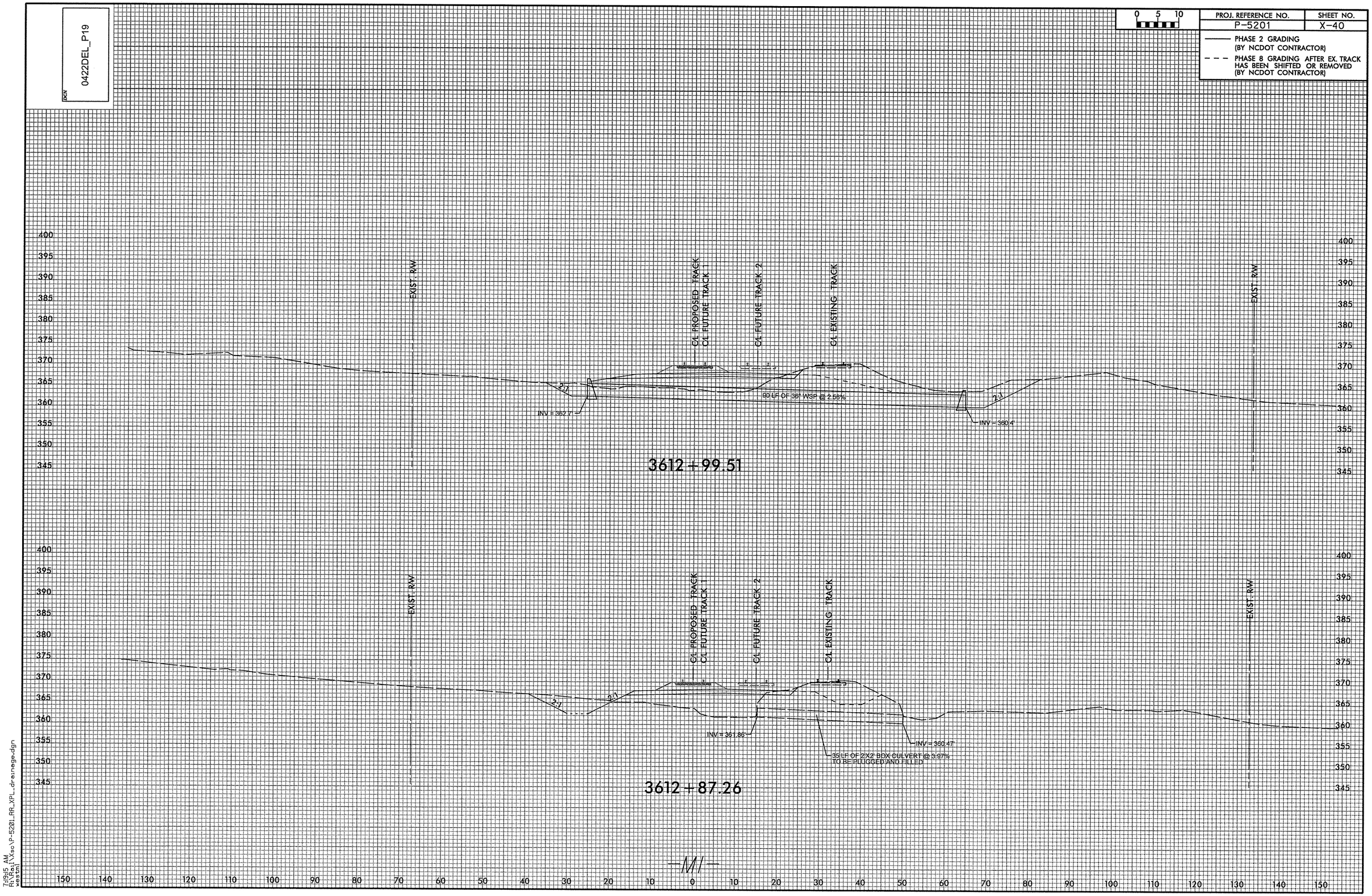
westml



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-40
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
2:1
90 LF OF 36" WSP @ 2.58%
INV = 362.7'
INV = 360.4'
3612 + 99.51
INV = 361.86'
INV = 360.47'
35 LF OF 2'X2' BOX CULVERT @ 3.97% TO BE PLUGGED AND FILLED
3612 + 87.26
-M1-

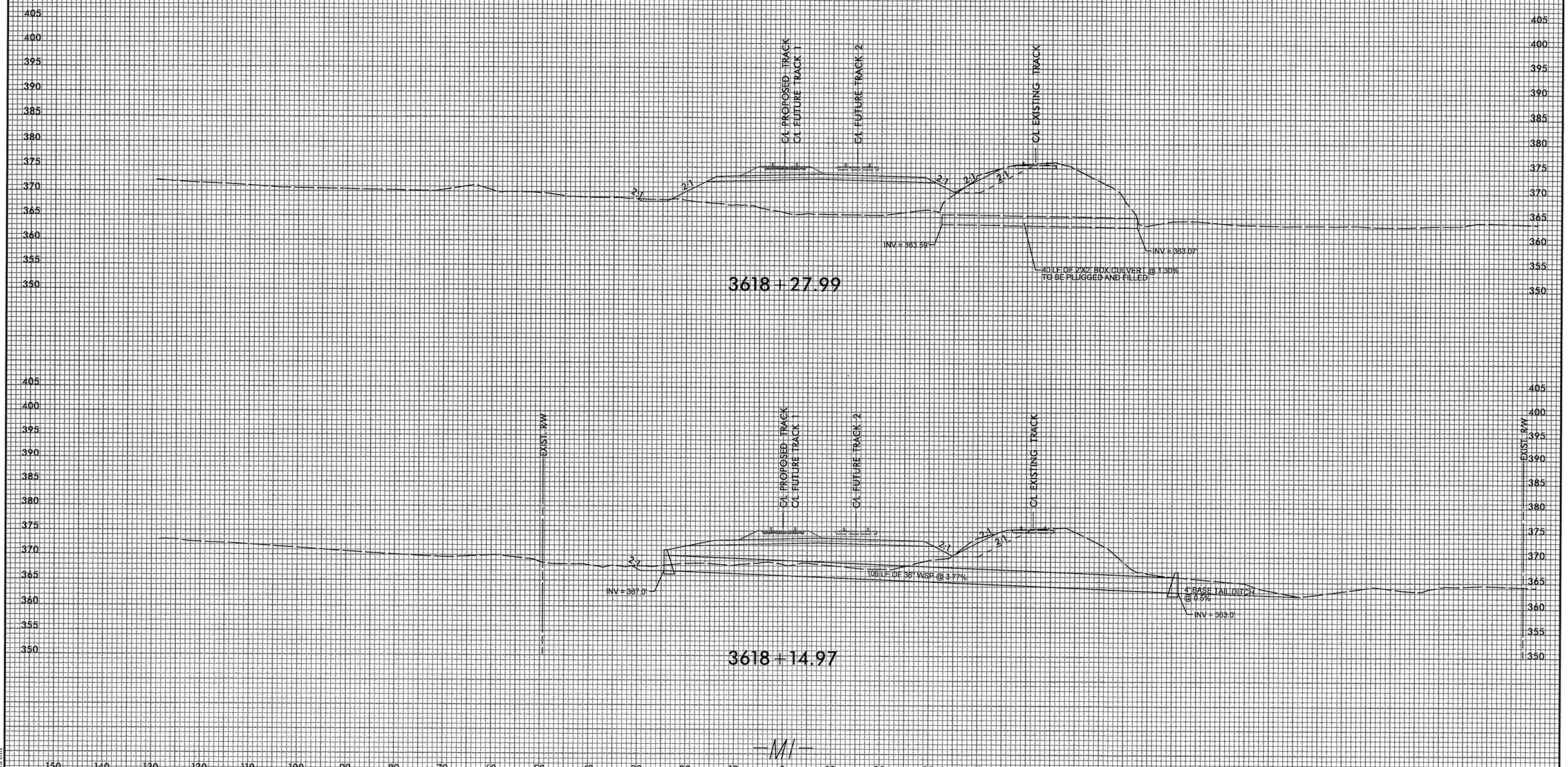
DGN 0422DEL_P19

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-41

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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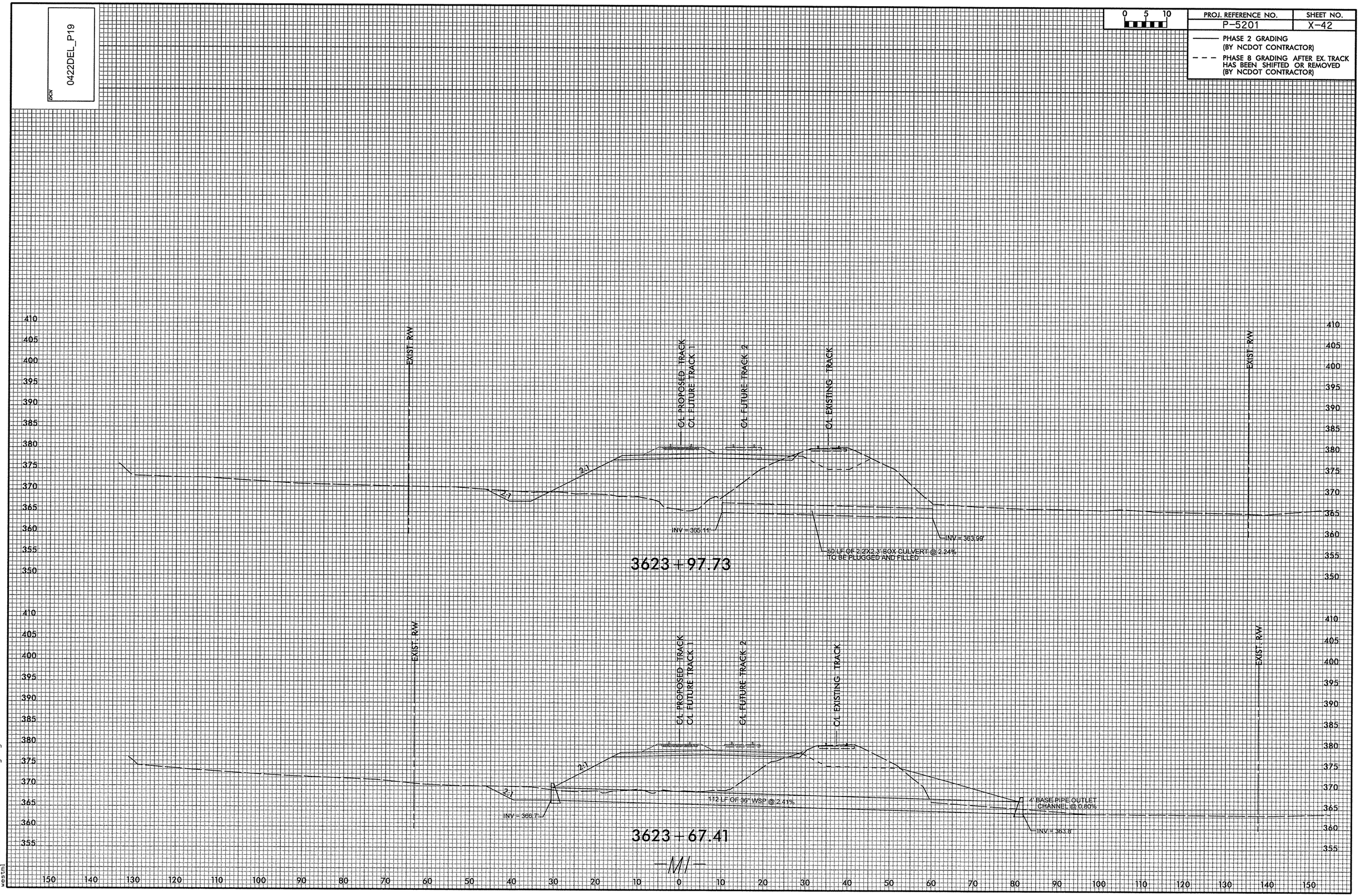
kessell



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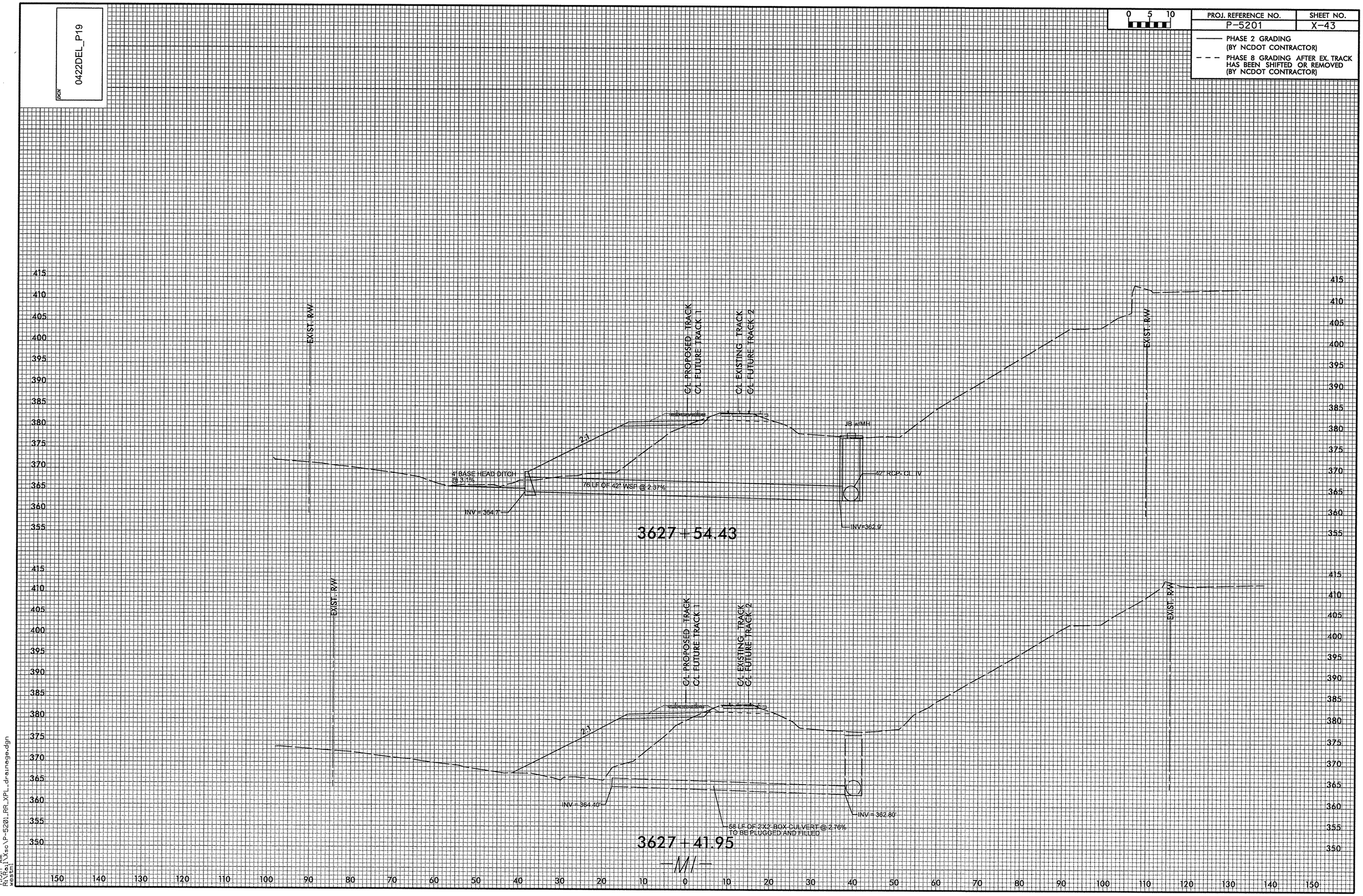


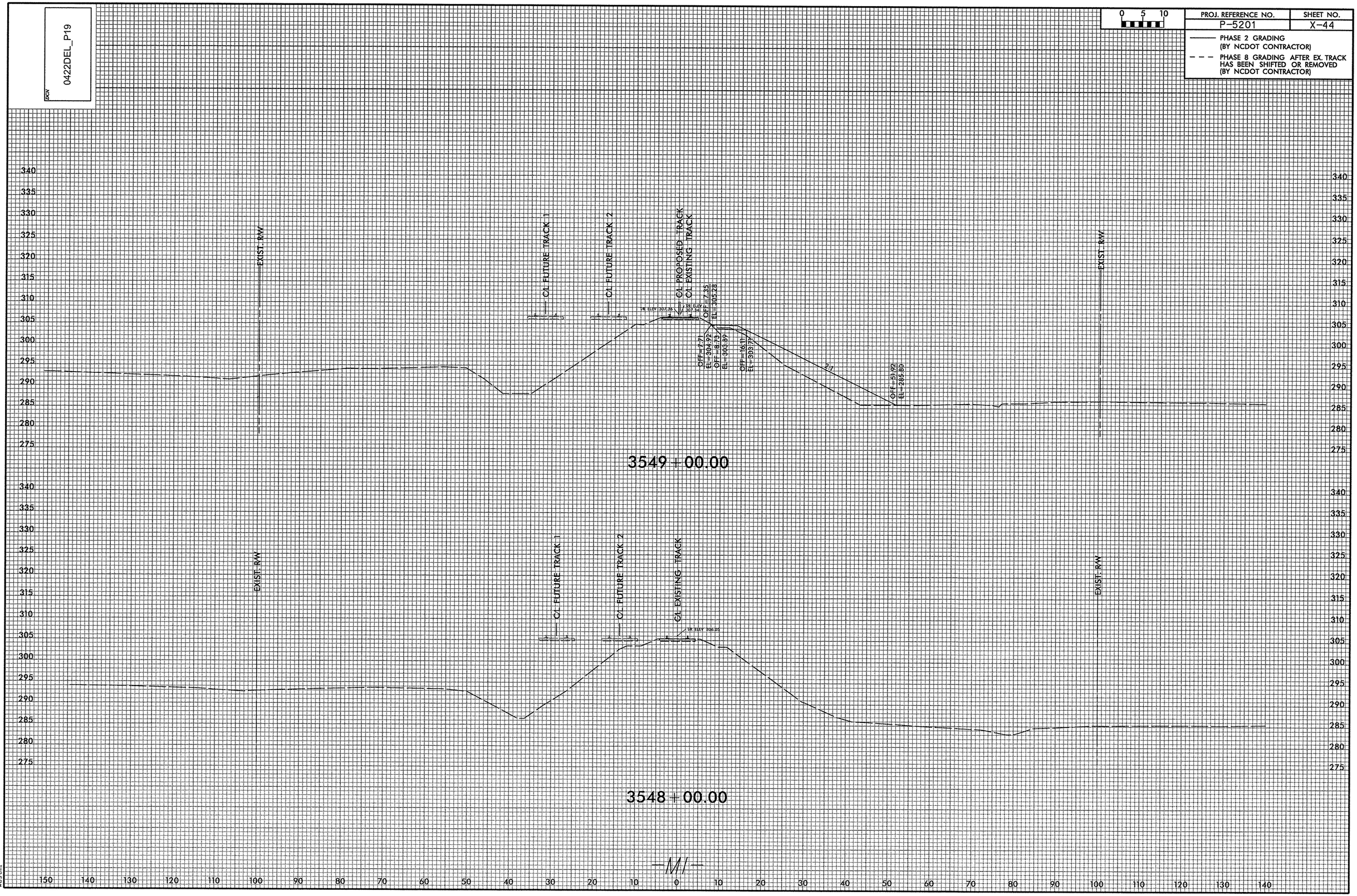
0422DEL_P19
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-43
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L EXISTING TRACK
C/L FUTURE TRACK 2
2:1
4' BASE HEAD DITCH @ 3.1%
76 LF OF 42" WSP @ 2.37%
INV = 364.7'
JB w/MH
42" RCP- CL. IV
INV=362.9'
3627 + 54.43
INV = 364.40'
58 LF OF 2'X2' BOX CULVERT @ 2.76% TO BE PLUGGED AND FILLED
INV = 362.80'
3627 + 41.95
-M1-

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-44

0 5 10

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:19:20 AM
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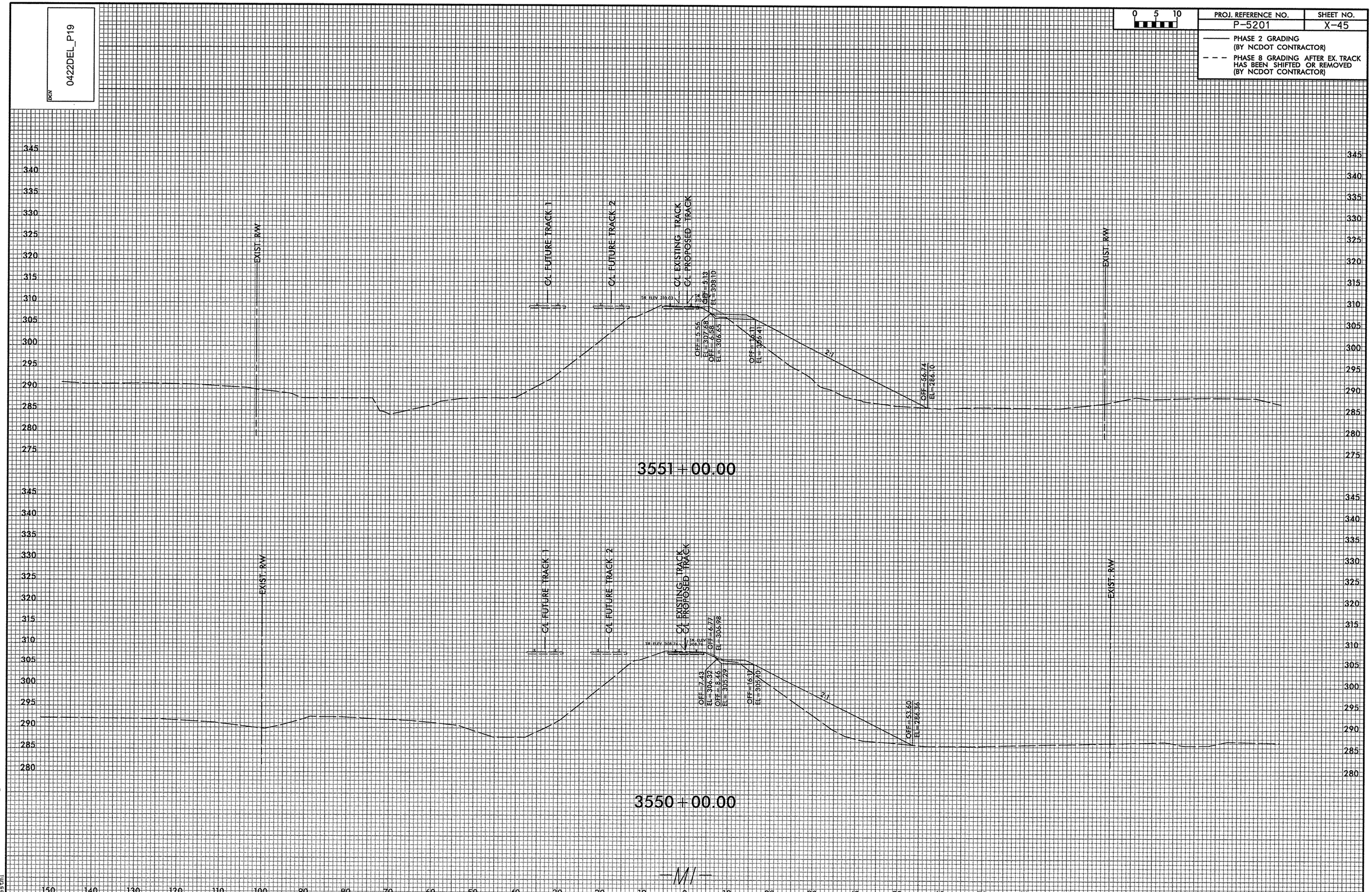
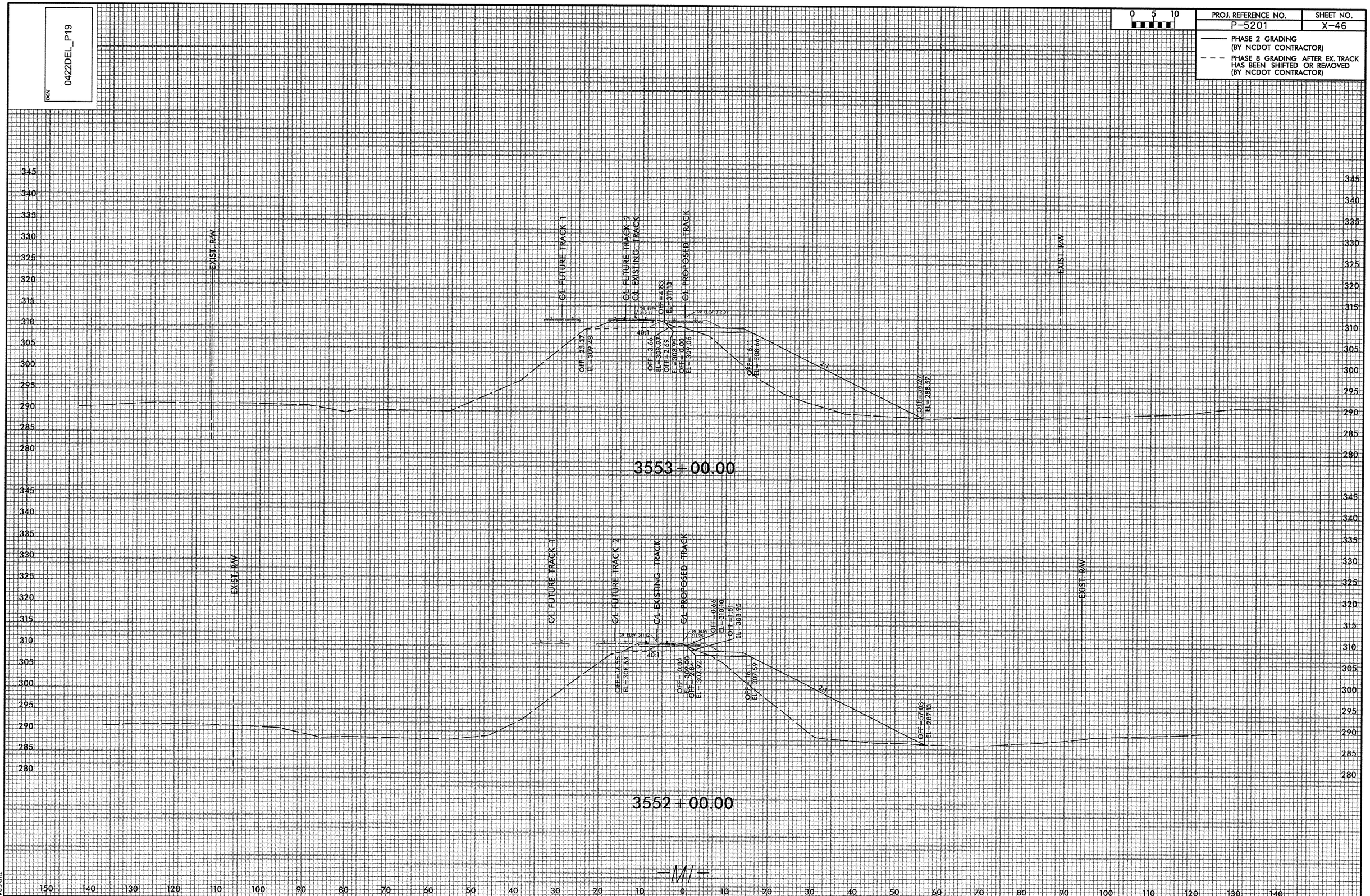
westml



0422DEL_P19
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-45
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
0 5 10
EXIST. R/W
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
C/L PROPOSED TRACK
OFF=5.13
EL=308.10
OFF=5.56
EL=307.68
OFF=6.58
EL=306.65
OFF=16.11
EL=306.41
OFF=56.74
EL=286.10
2:1
3551+00.00
OFF=6.77
EL=306.98
OFF=7.43
EL=306.32
OFF=8.46
EL=305.29
OFF=16.17
EL=305.10
OFF=53.60
EL=286.36
3550+00.00
-M1-



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westml

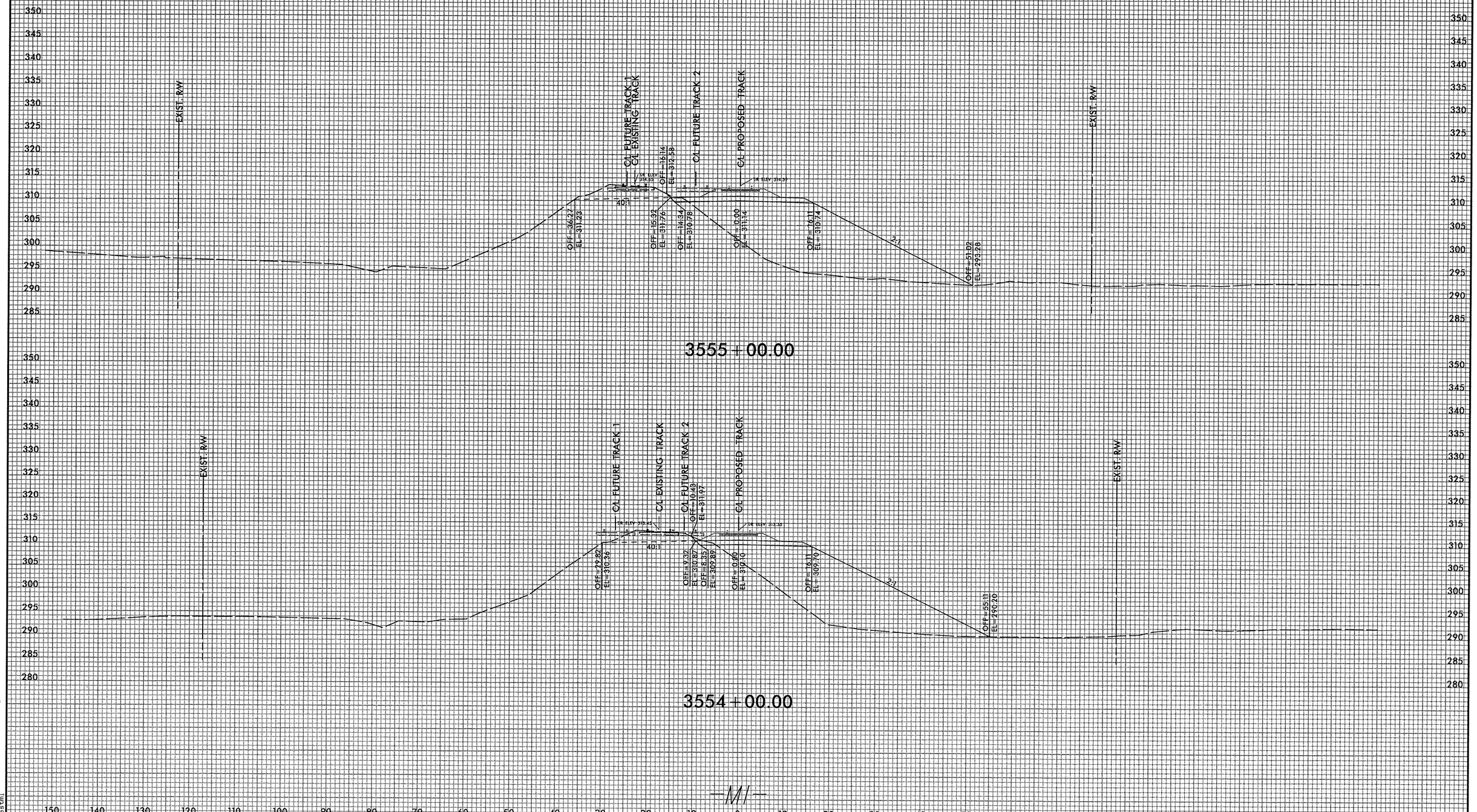
DGN 0422DEL_P19

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-47

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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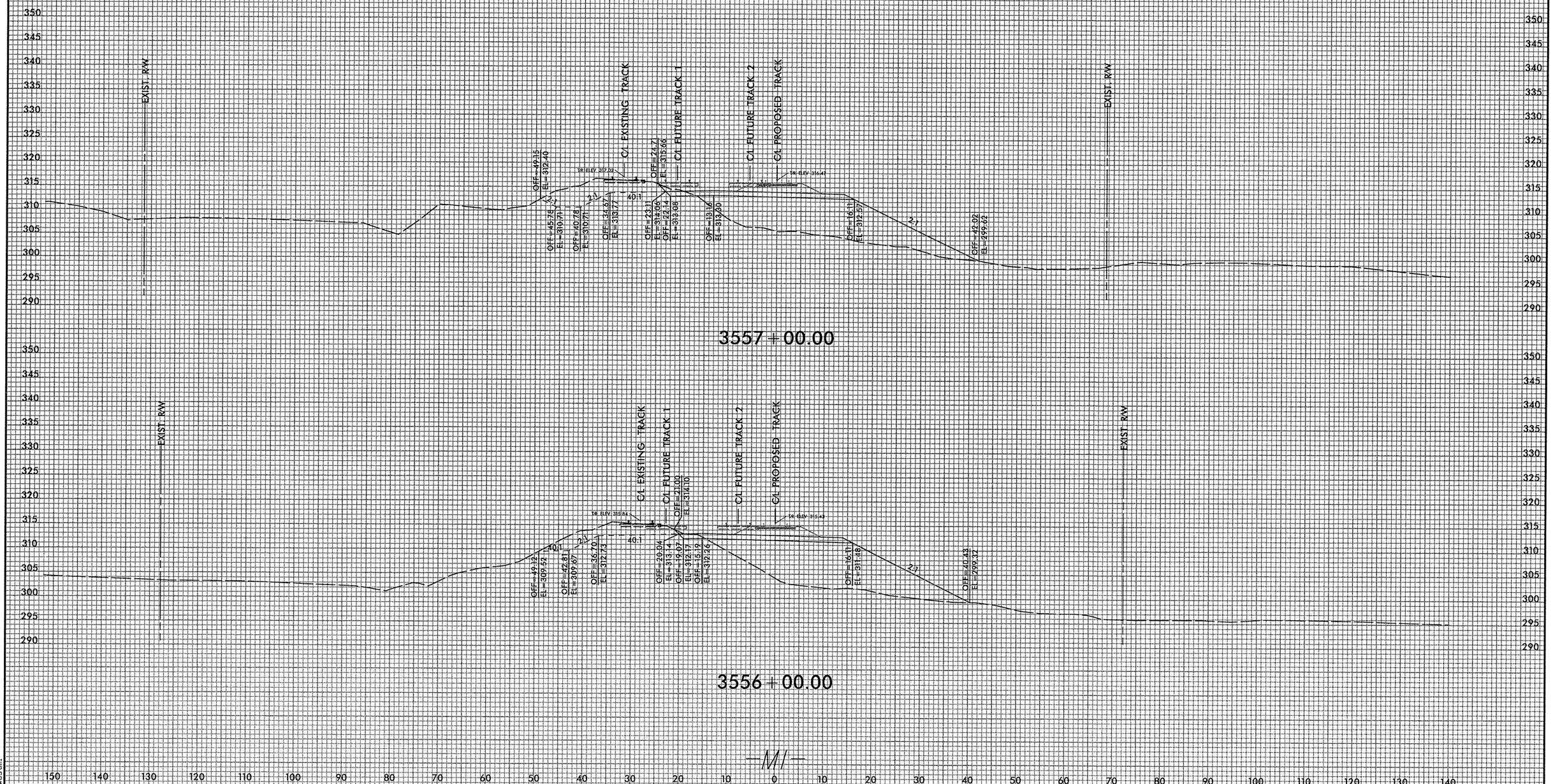
westmill

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-48

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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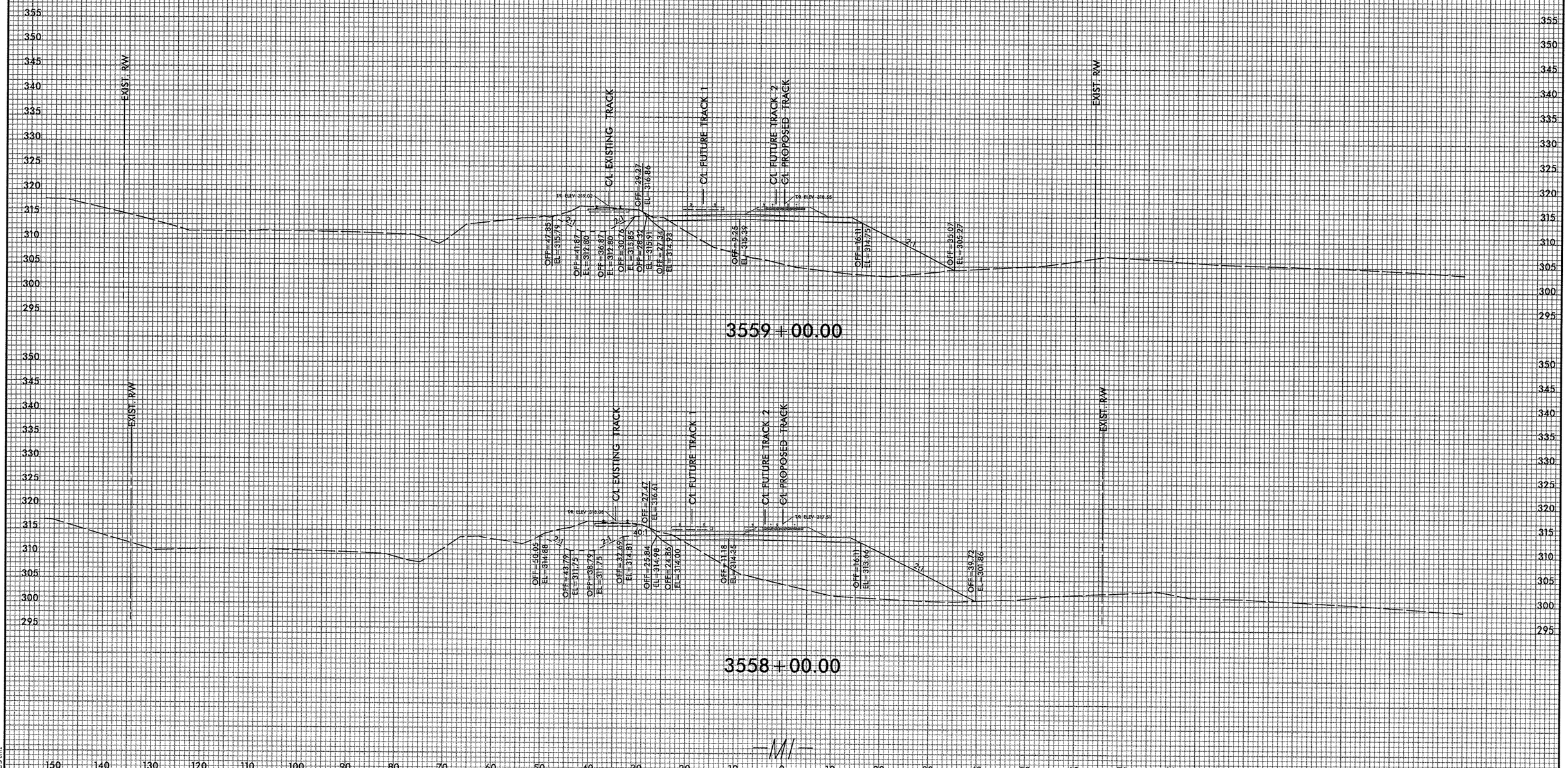
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-49

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:19:28 AM
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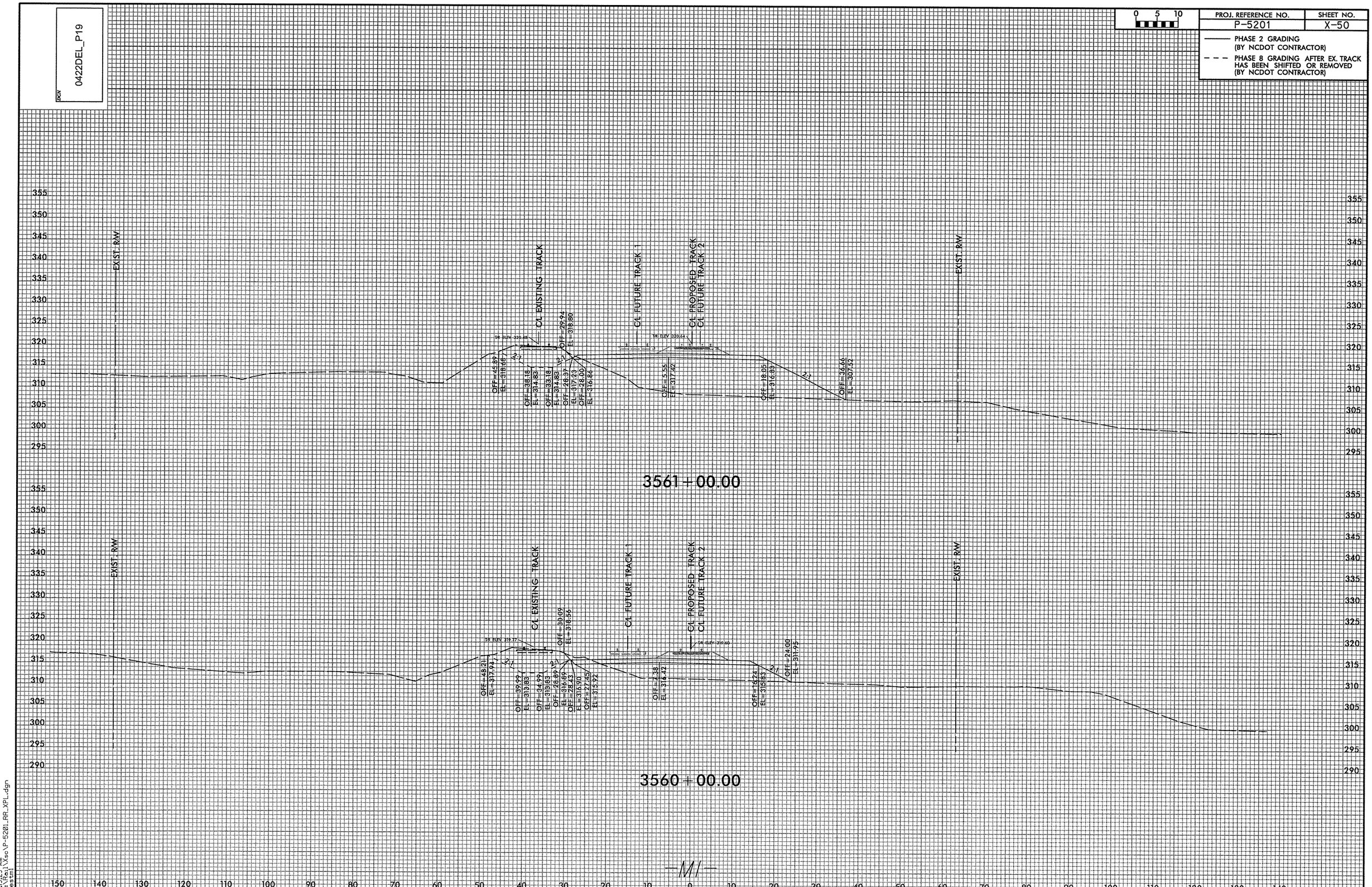
westml



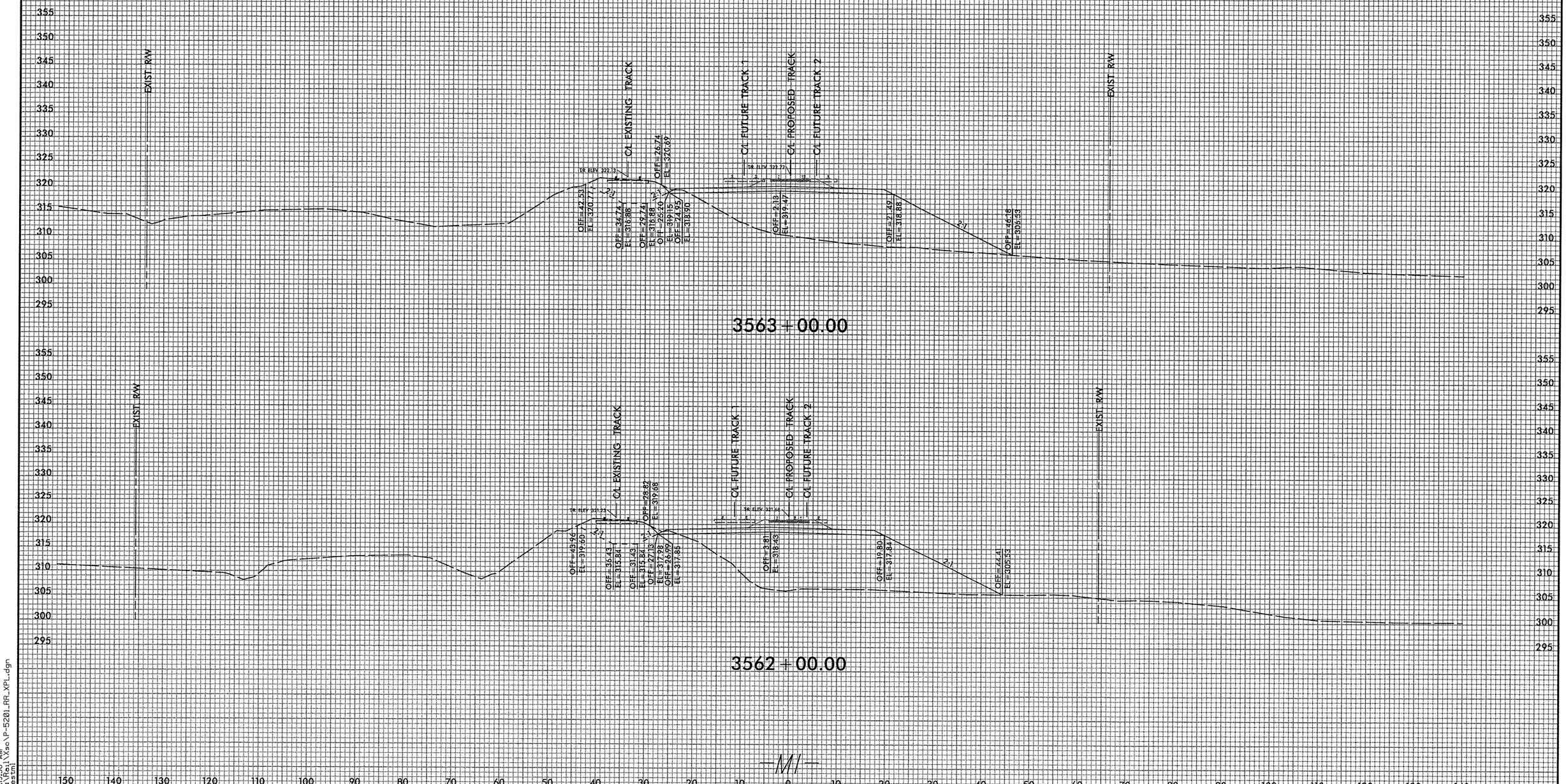
0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-50
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L FUTURE TRACK 1
C/L PROPOSED TRACK
C/L FUTURE TRACK 2
3561+00.00
3560+00.00
-M1-

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-51

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:19:30 AM
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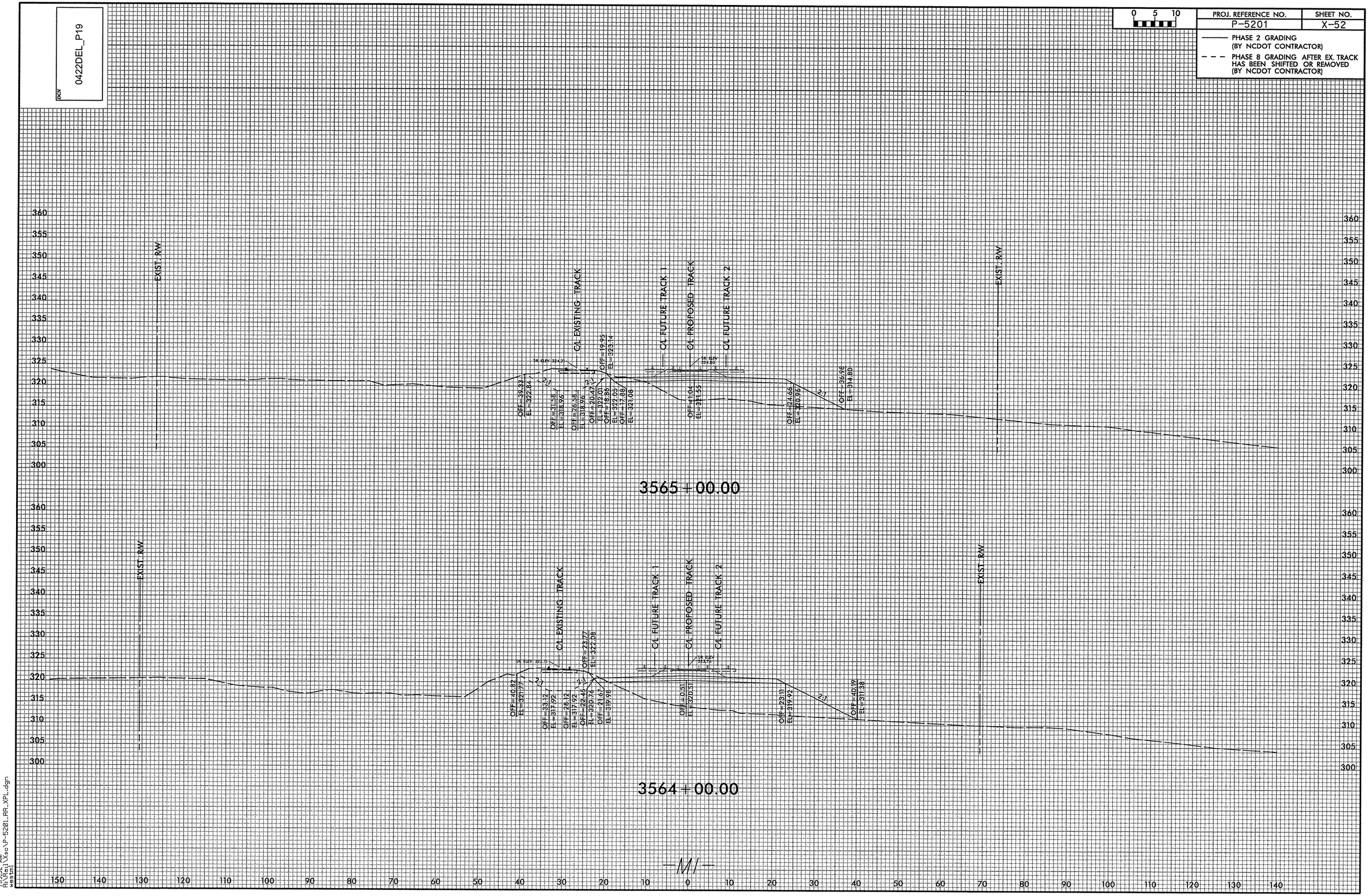
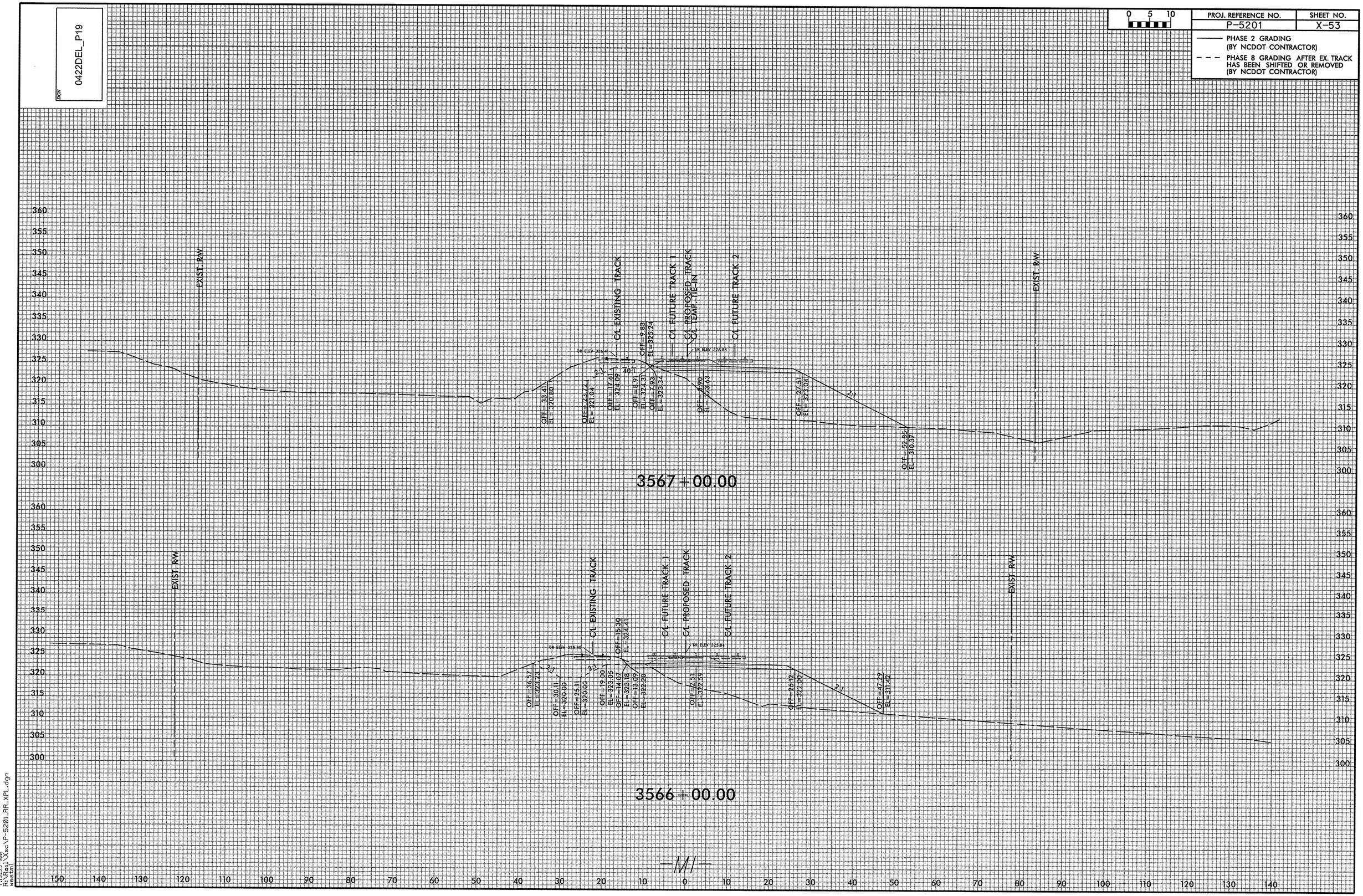
westm



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-52
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L FUTURE TRACK 1
C/L PROPOSED TRACK
C/L FUTURE TRACK 2
3565+00.00
3564+00.00
-M1-



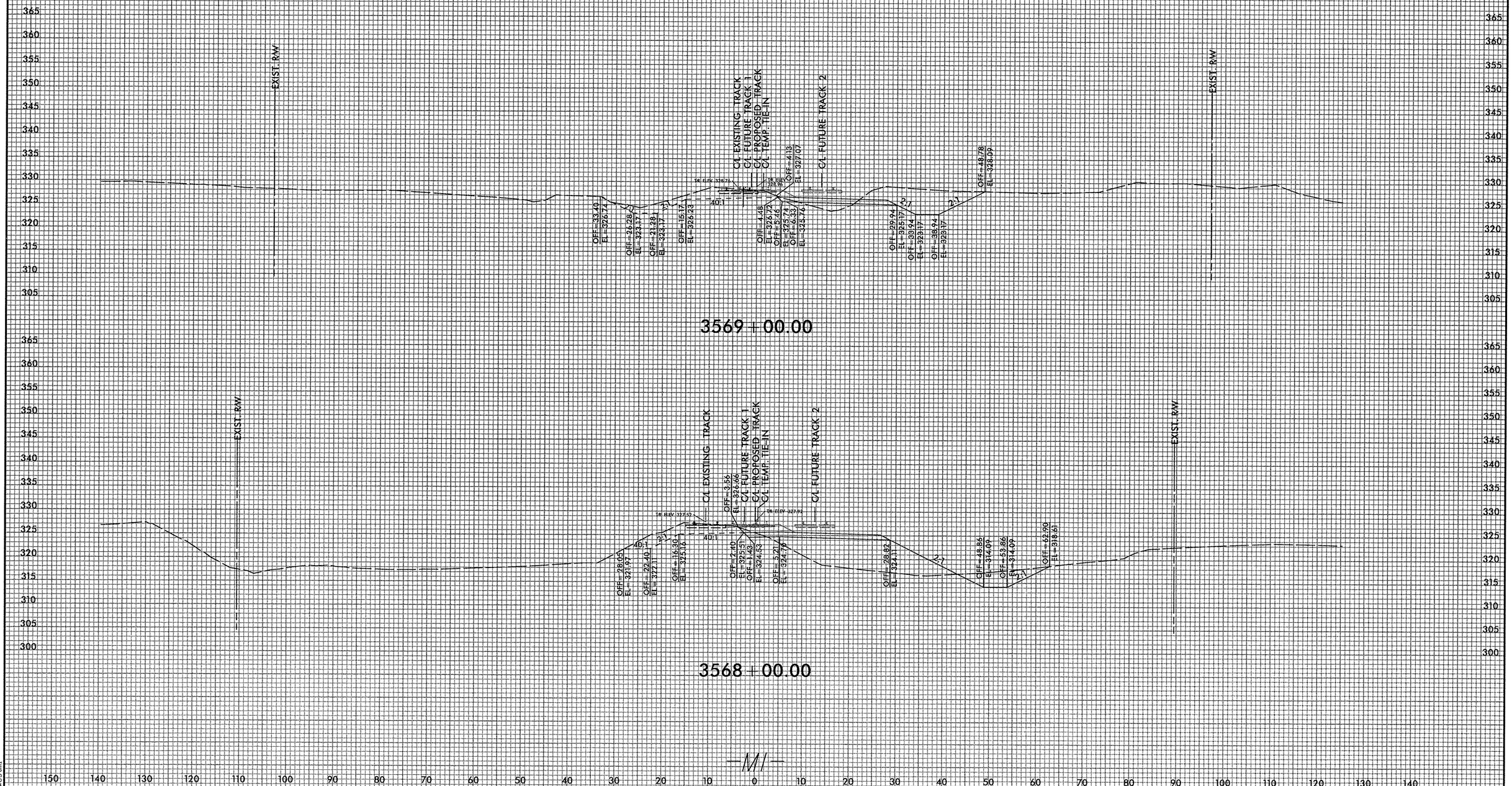
0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-53
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L FUTURE TRACK 1
C/L PROPOSED TRACK
C/L TEMP. TIE-IN
C/L FUTURE TRACK 2
3567+00.00
3566+00.00
-M1-

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-54

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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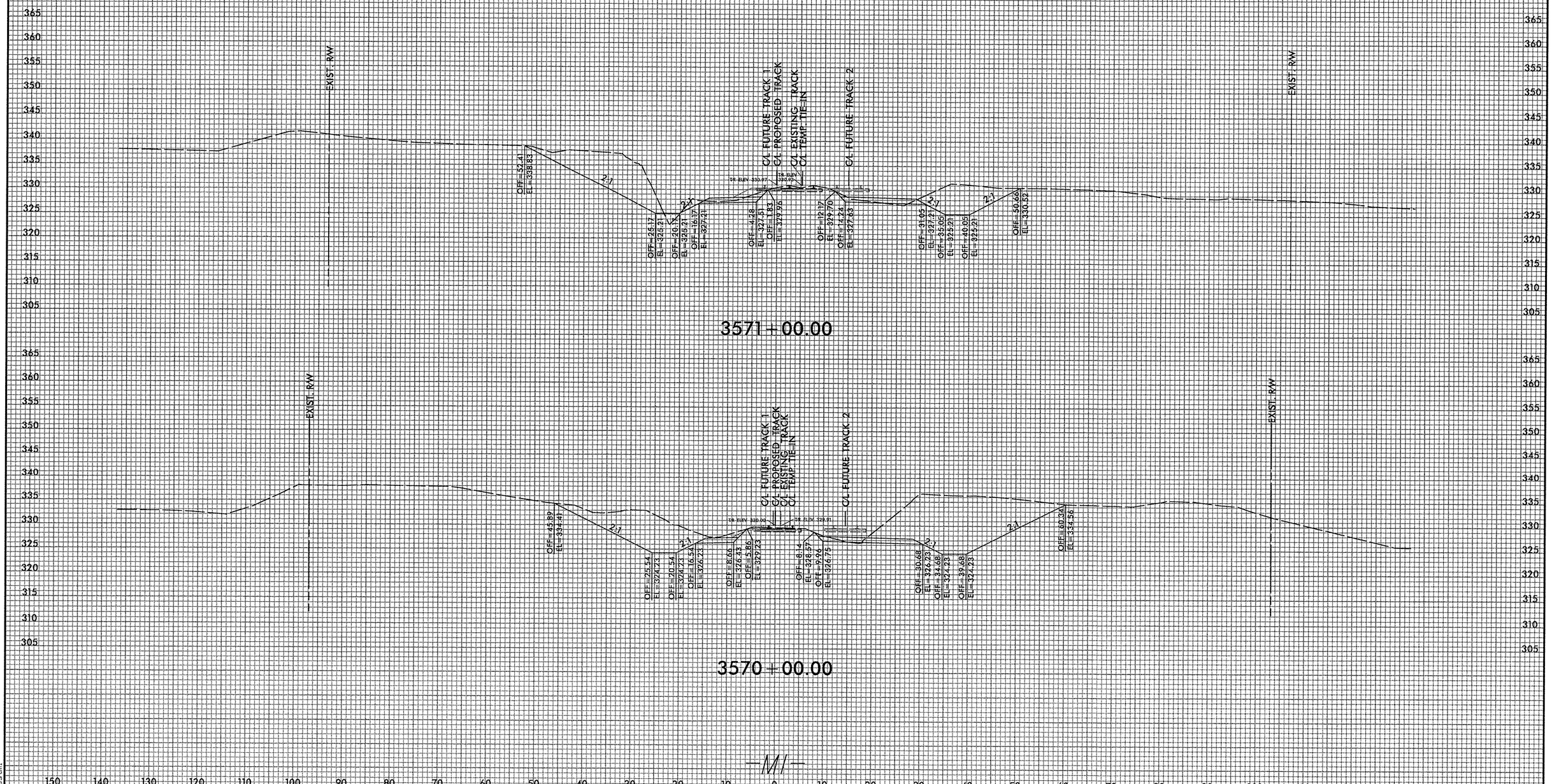
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-55

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7/9/36 AM
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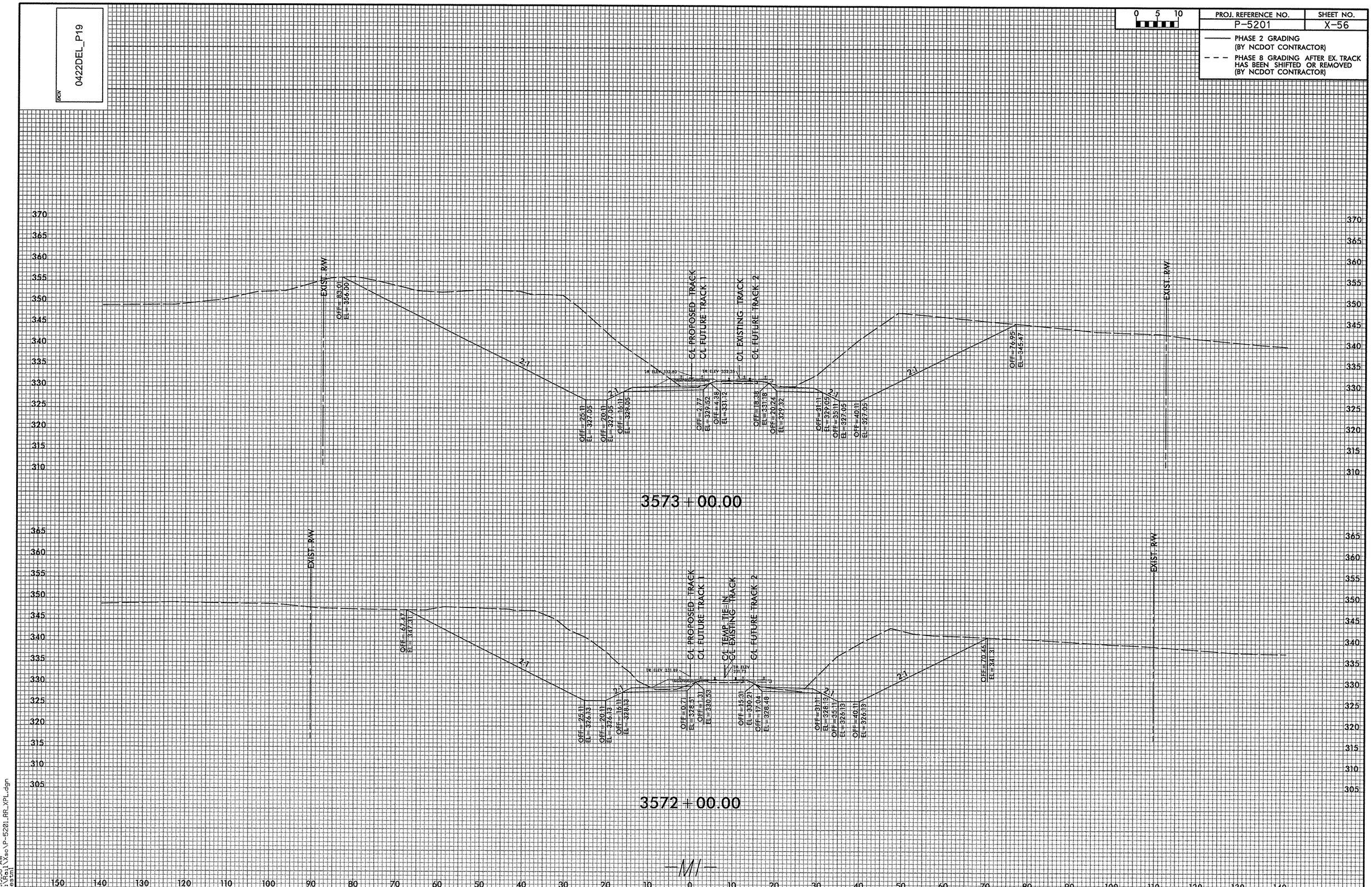
westm



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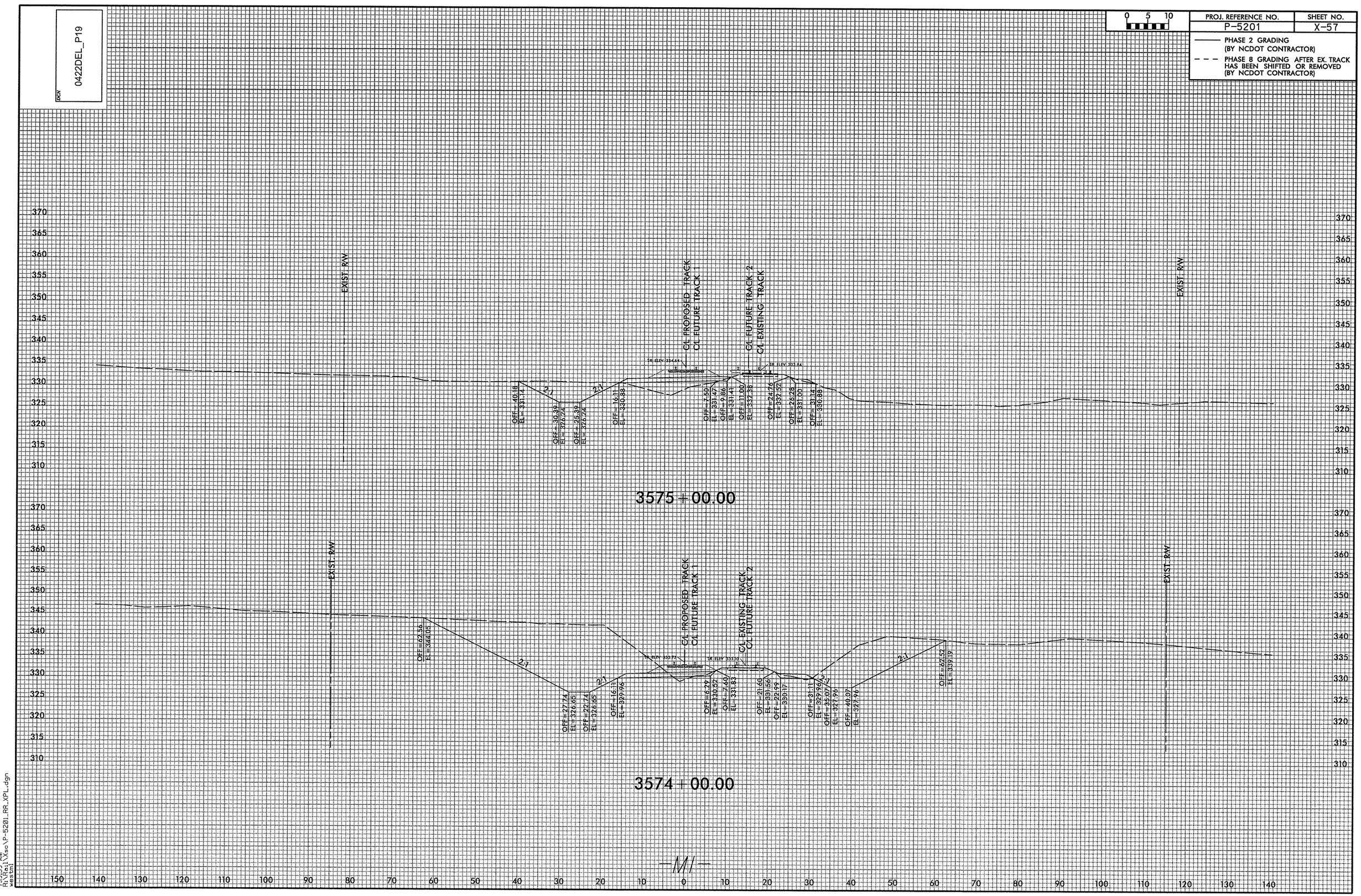
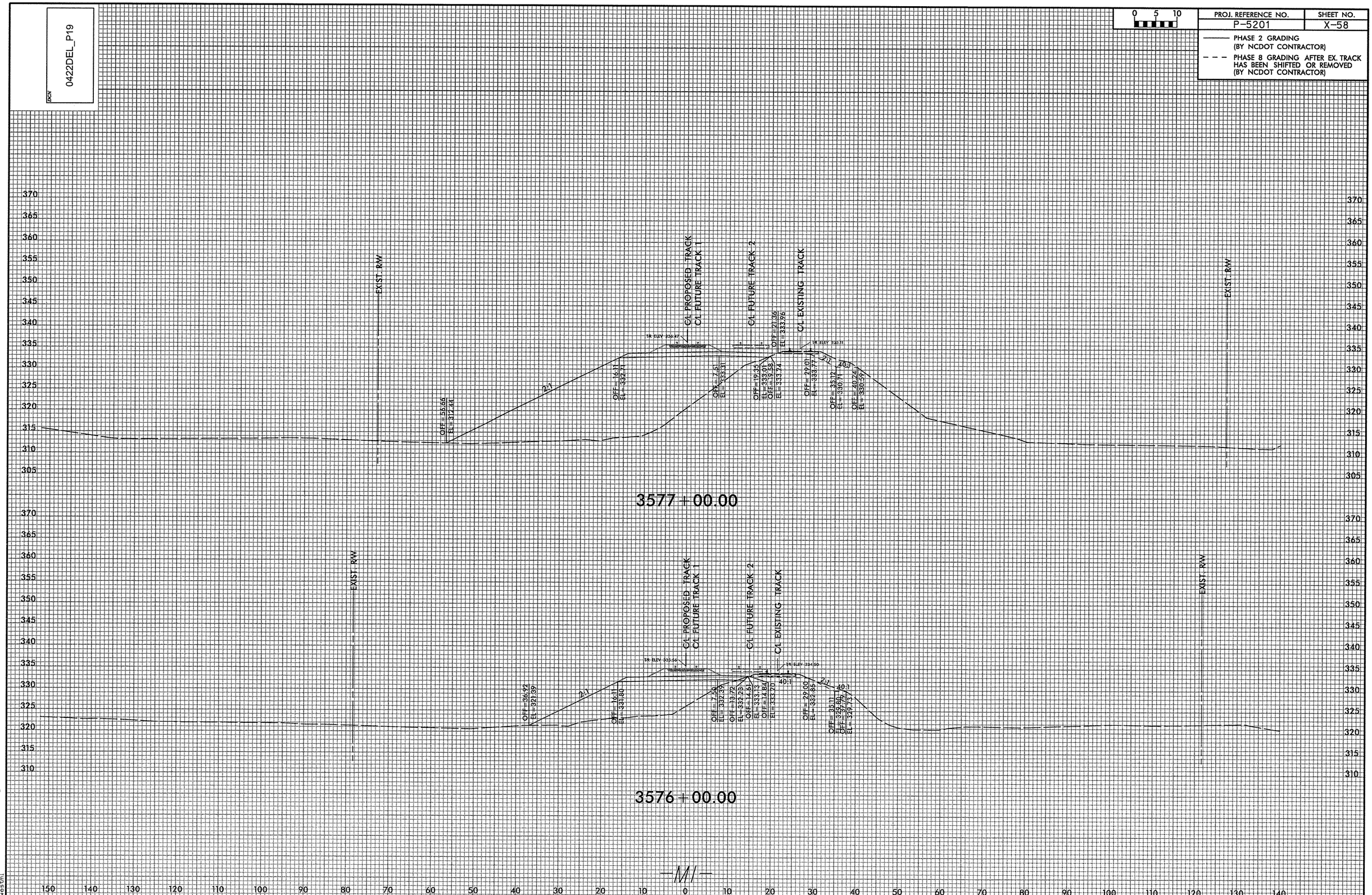


DGN 0422DEL_P19
0 5 10
PROJ. REFERENCE NO. P-5201
SHEET NO. X-57
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
2:1
OFF = 40.18 EL = 331.14
OFF = 30.39 EL = 326.74
OFF = 25.39 EL = 326.74
OFF = 16.11 EL = 330.88
OFF = 7.50 EL = 331.47
OFF = 9.86 EL = 331.41
OFF = 11.00 EL = 332.38
OFF = 24.76 EL = 332.52
OFF = 26.28 EL = 331.00
OFF = 31.14 EL = 330.88
3575+00.00
OFF = 62.56 EL = 344.05
OFF = 27.74 EL = 326.65
OFF = 22.74 EL = 326.65
OFF = 16.11 EL = 329.96
OFF = 6.29 EL = 330.52
OFF = 7.60 EL = 331.83
OFF = 21.60 EL = 331.56
OFF = 22.99 EL = 330.17
OFF = 31.11 EL = 329.96
OFF = 35.07 EL = 327.96
OFF = 40.07 EL = 327.96
OFF = 62.52 EL = 339.19
3574+00.00
-M1-
7:19:39 AM
R:\Rail\Xso\P-5201_RR_XPL.dgn



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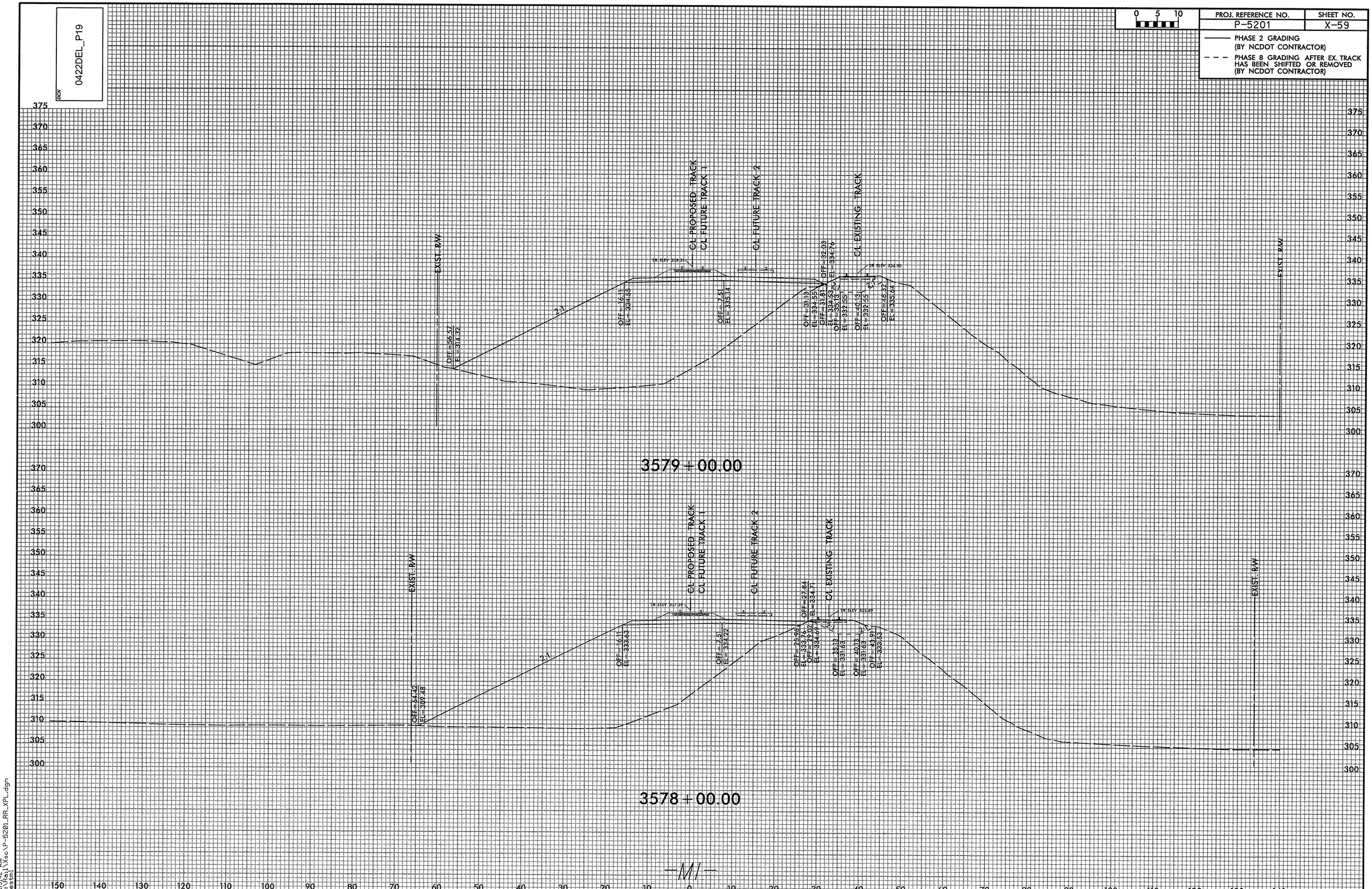
westml



7:19:42 AM
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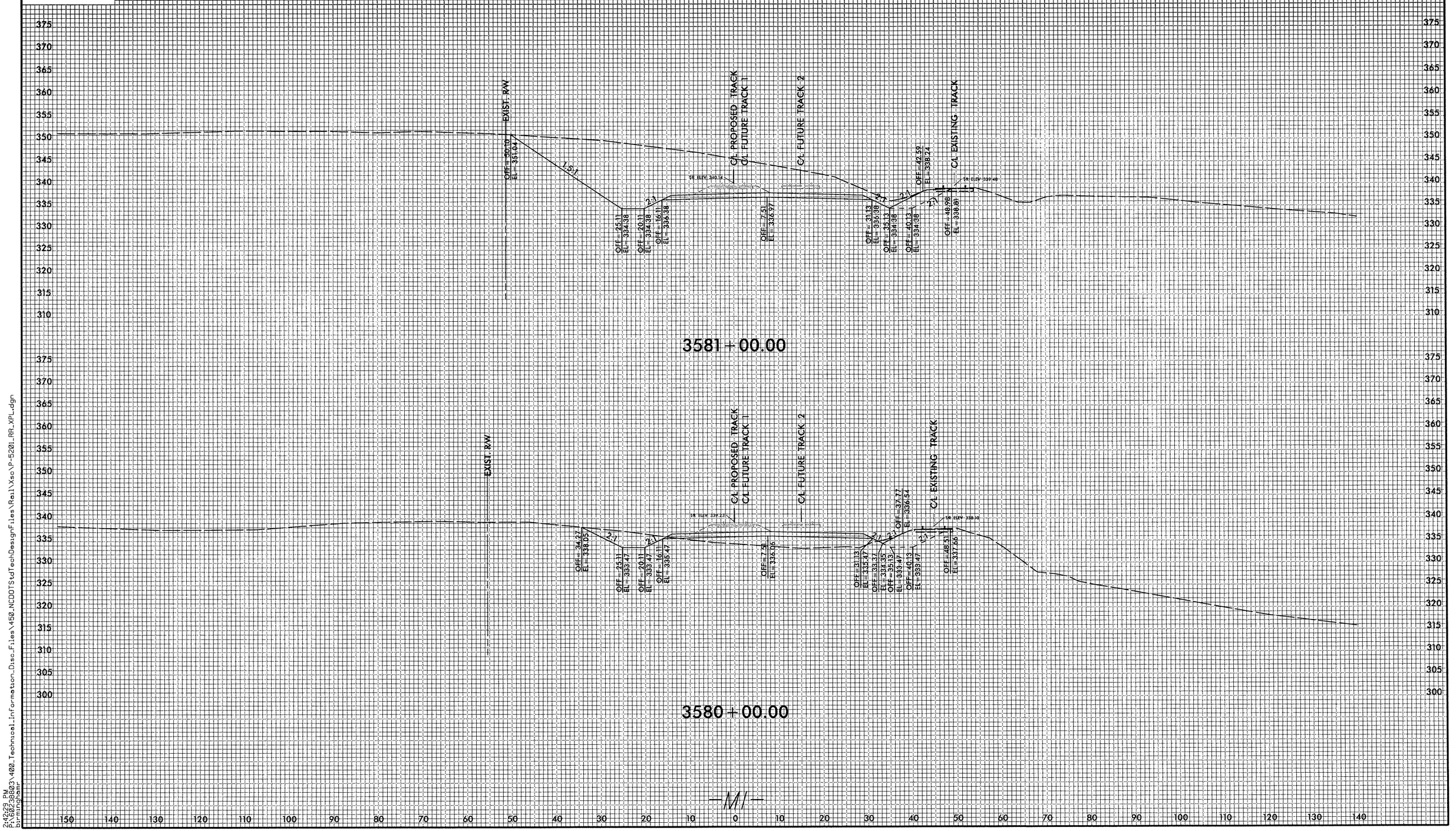
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-60

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



2:42:29 PM
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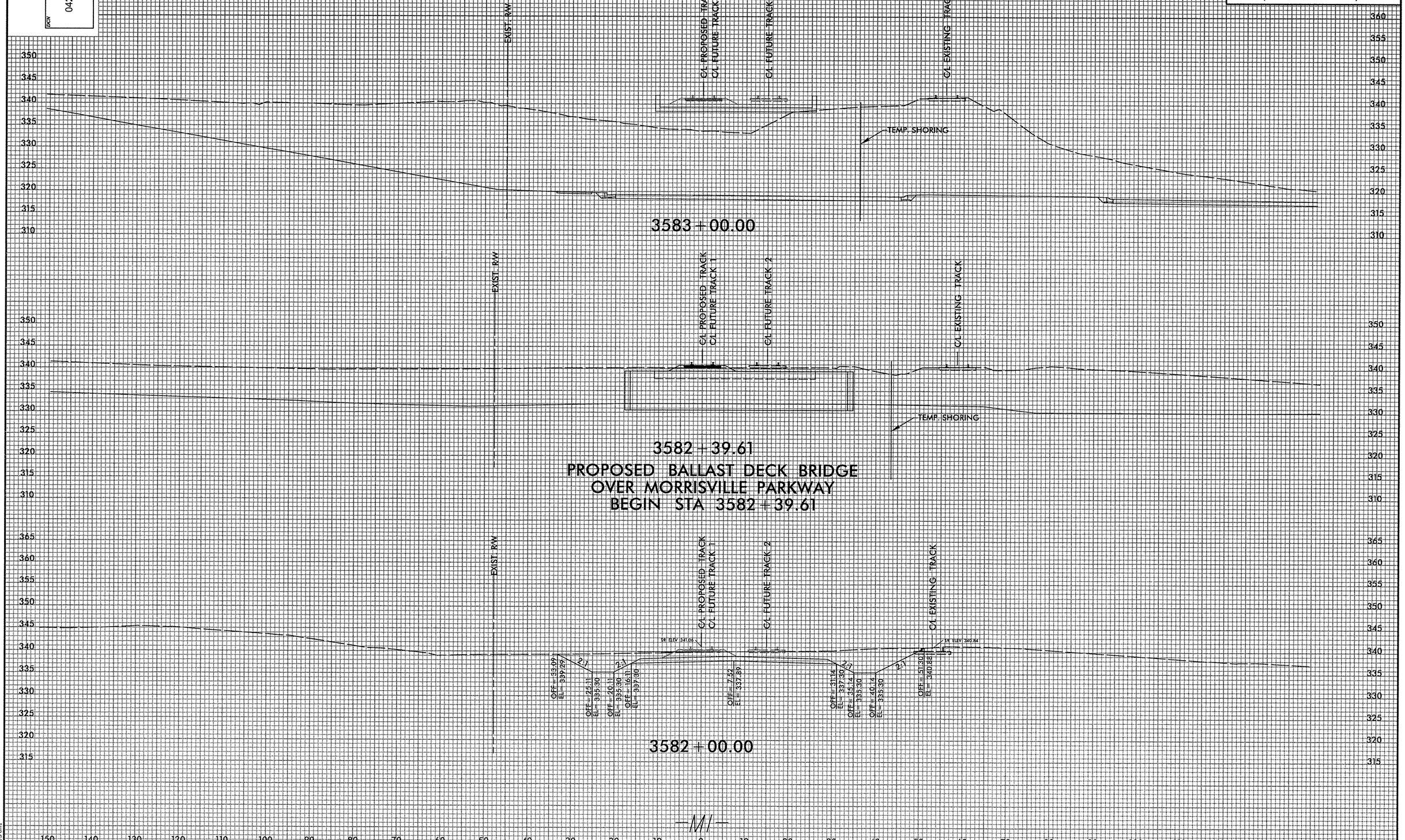
birmingham

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-61

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



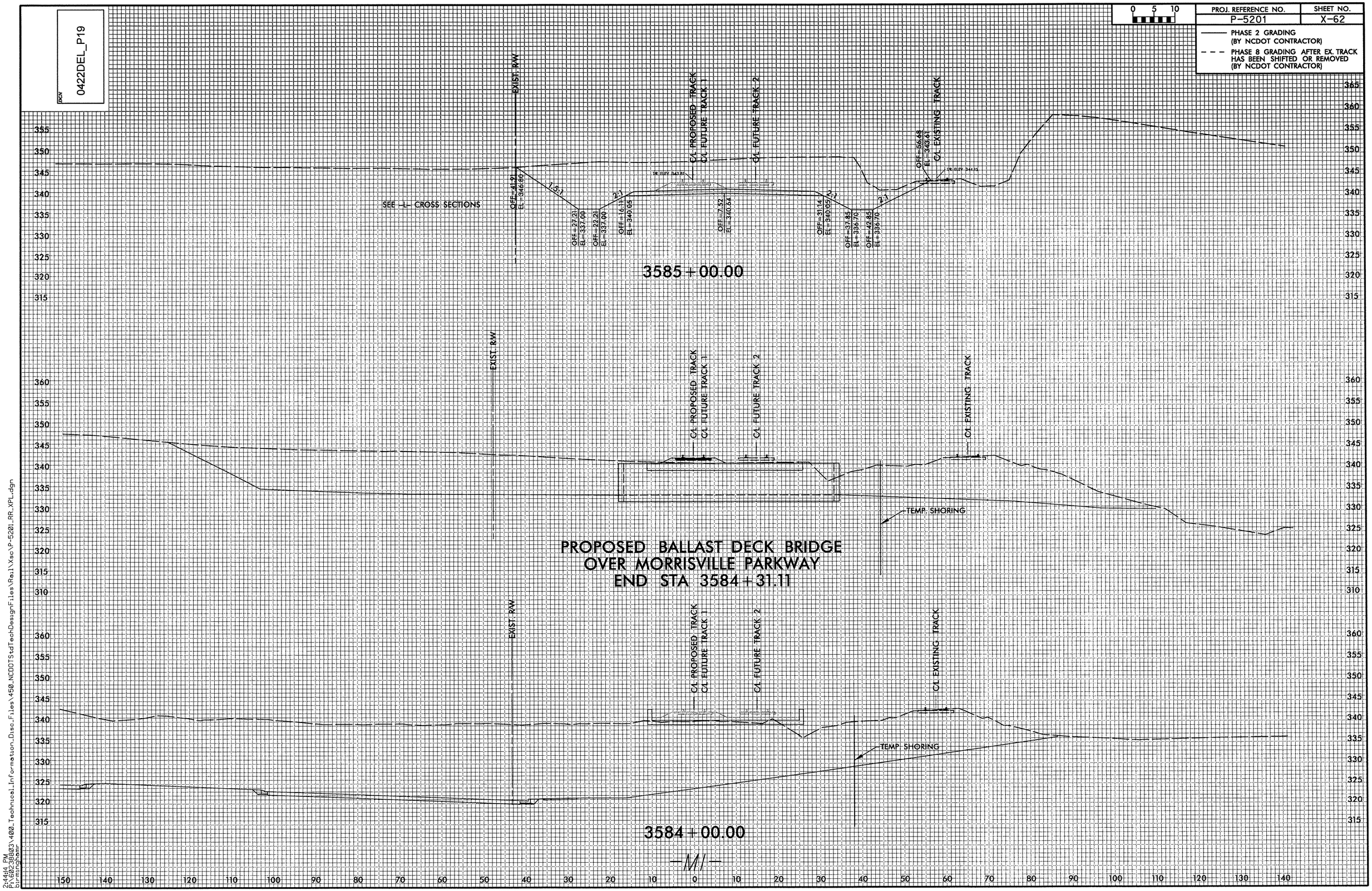
7/9/45 AM
R:\Rail\Vso\P-5201_RR_XPL.dgn
westml

DSGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-62

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



2:44:14 PM
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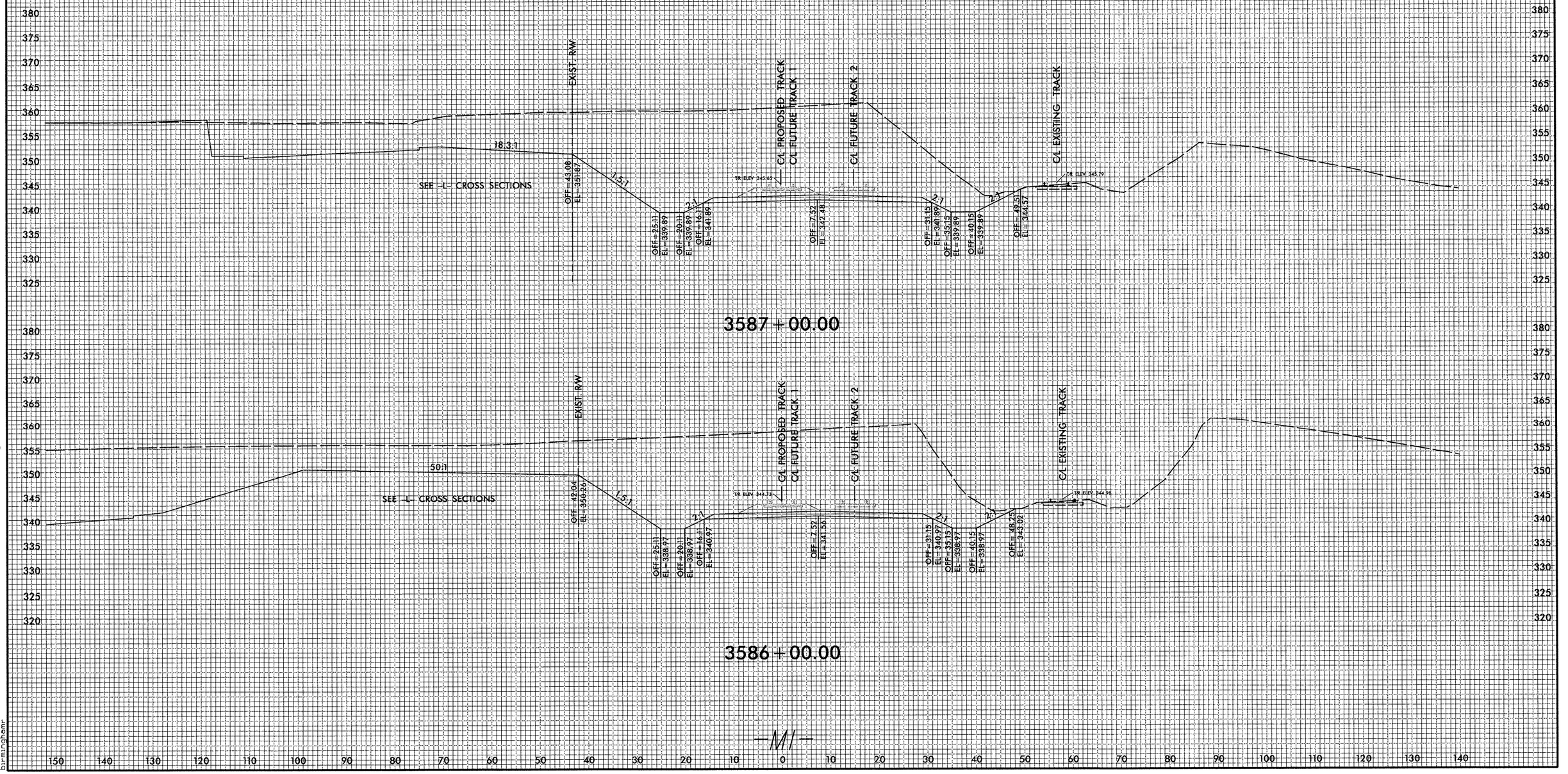
birmingham

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-63

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



—M/—

2:43:57 PM
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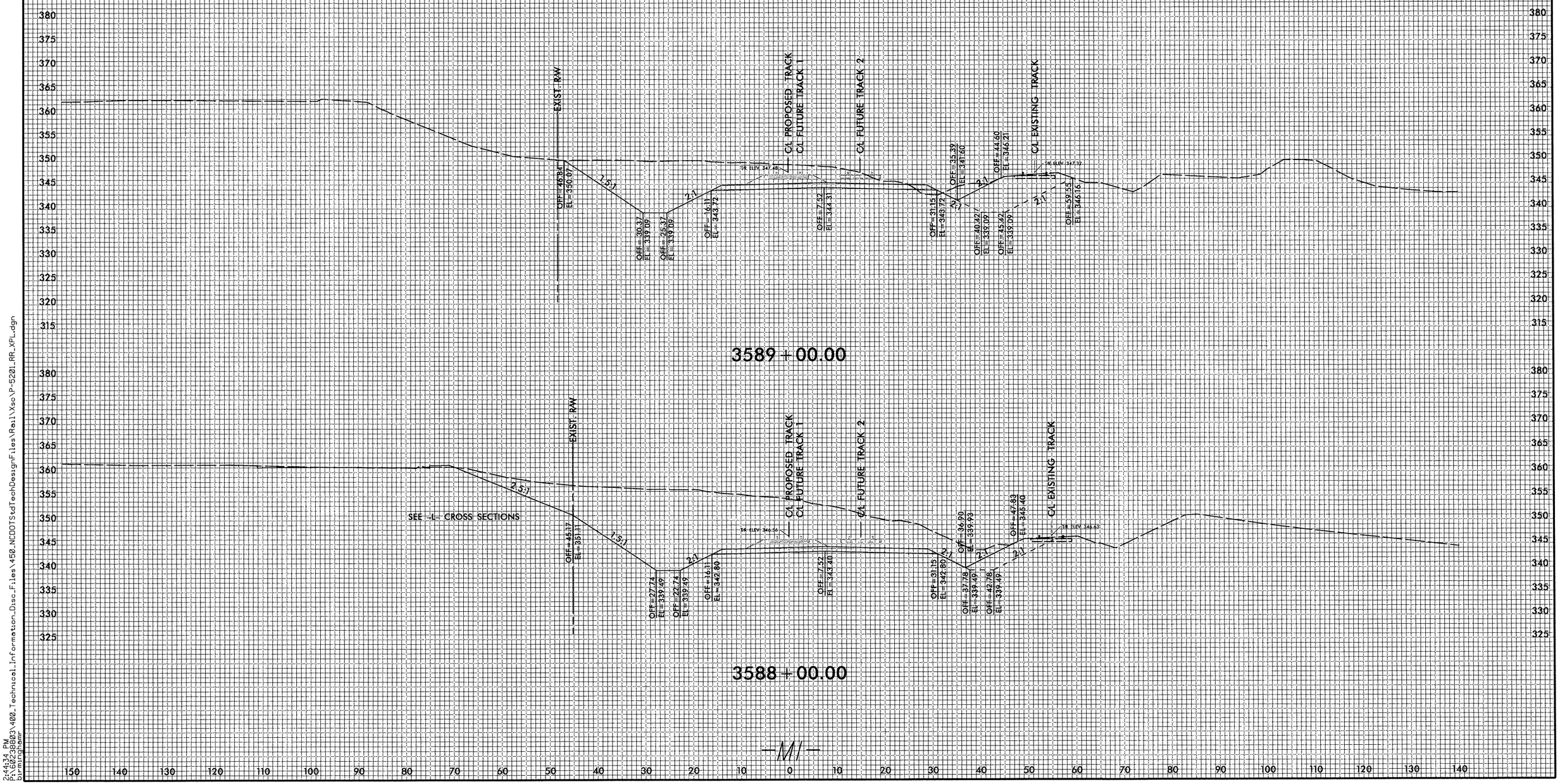
birmingbmc

DRGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-64

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



2:14:34 PM
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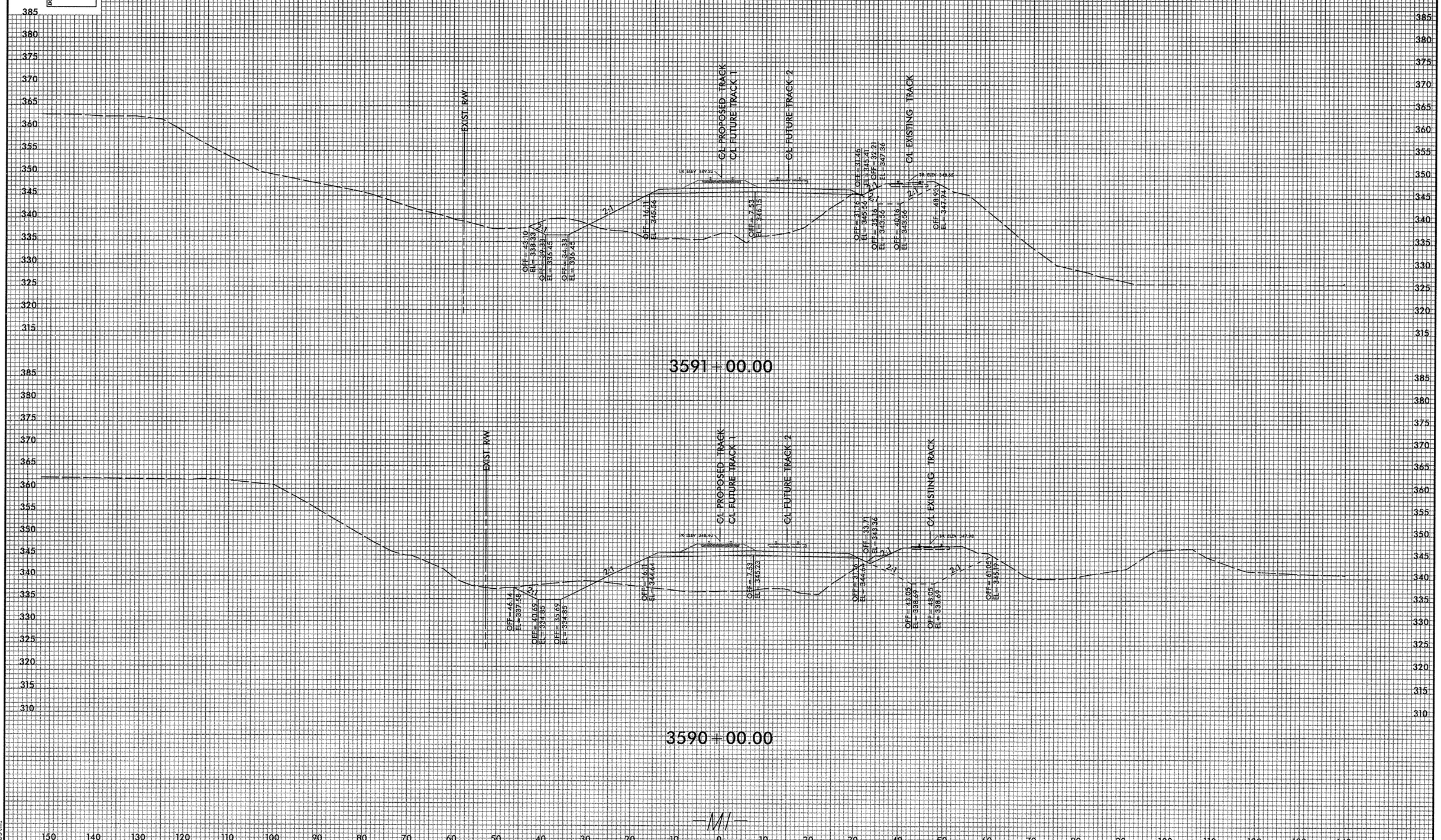
birmingham

DGN 0422DEL_P19

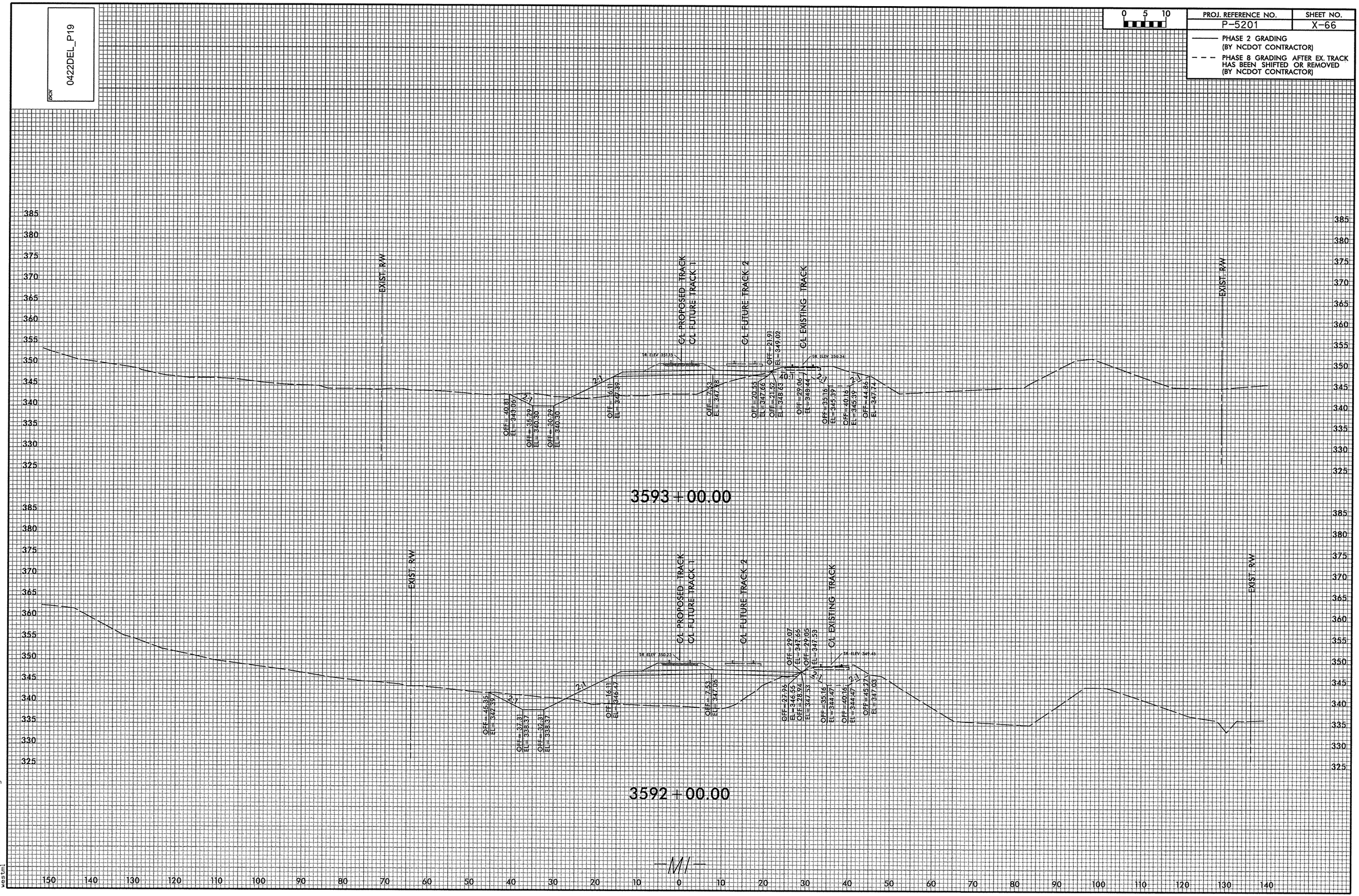
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-65

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:19:51 AM
C:\Projects\Xsec\P-5201_RR_XPL.dgn
westm



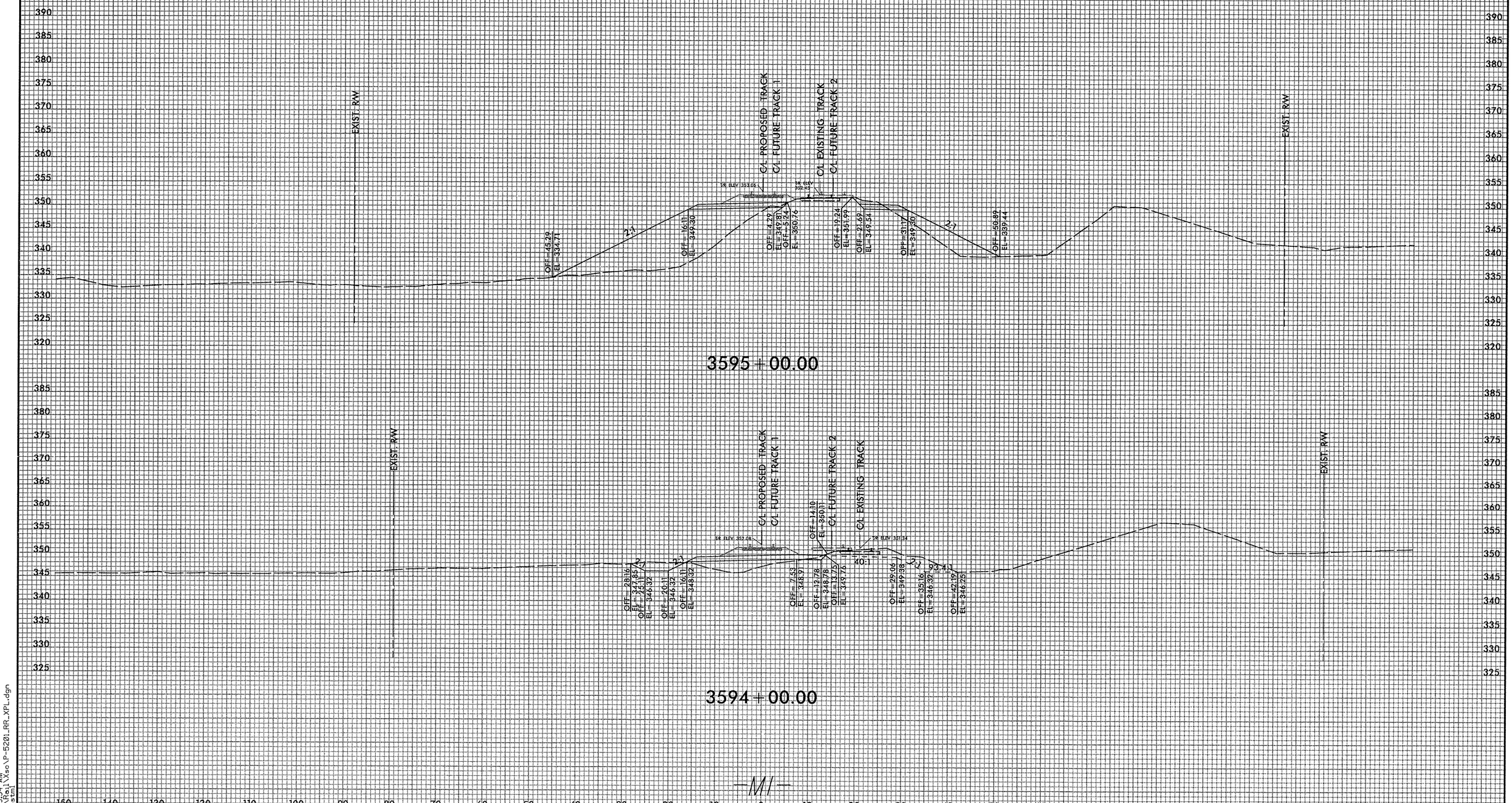
0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-66
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
C/L EXISTING TRACK
3593+00.00
3592+00.00
-M1-

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-67

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7/9/04 AM
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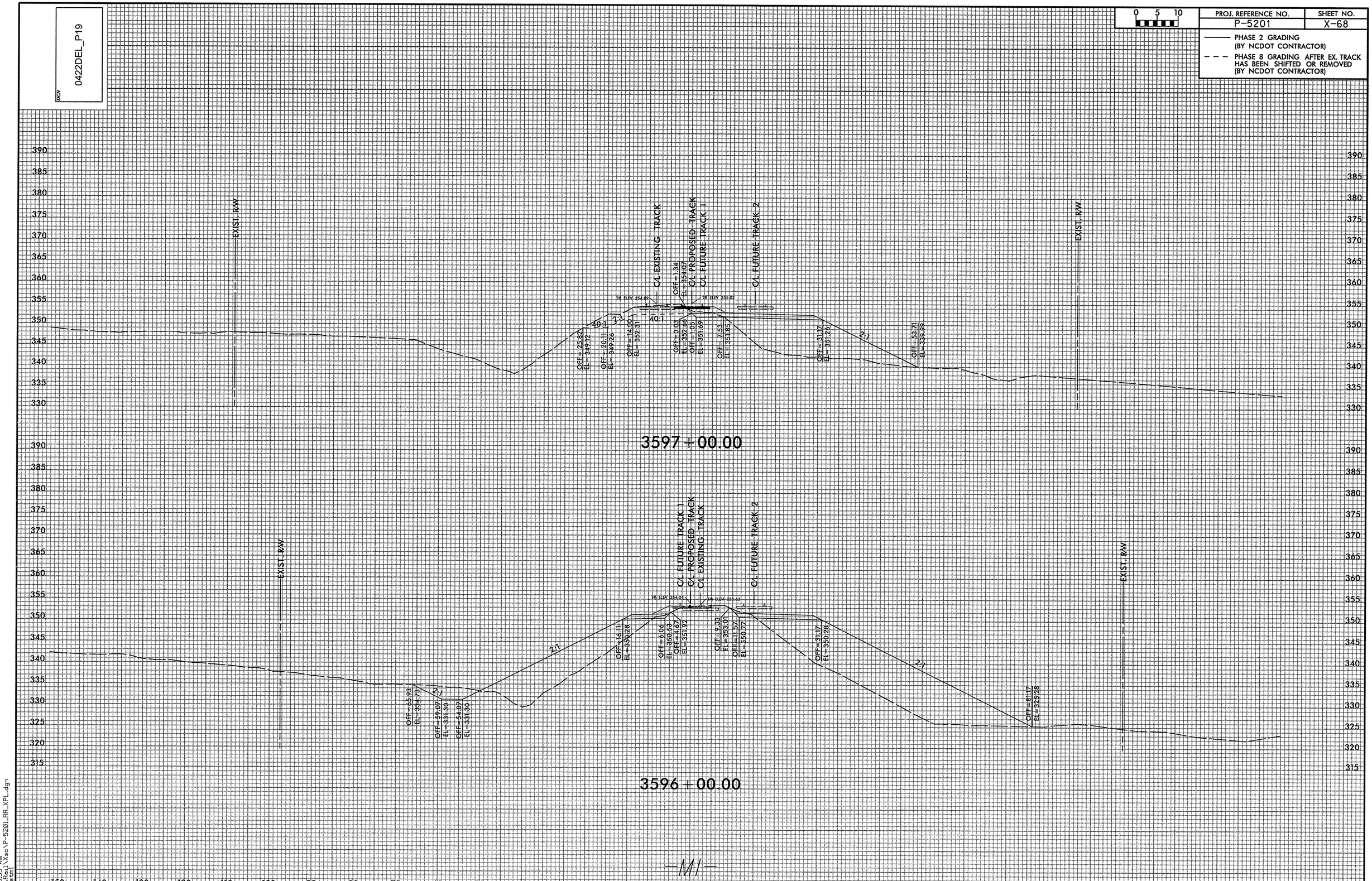
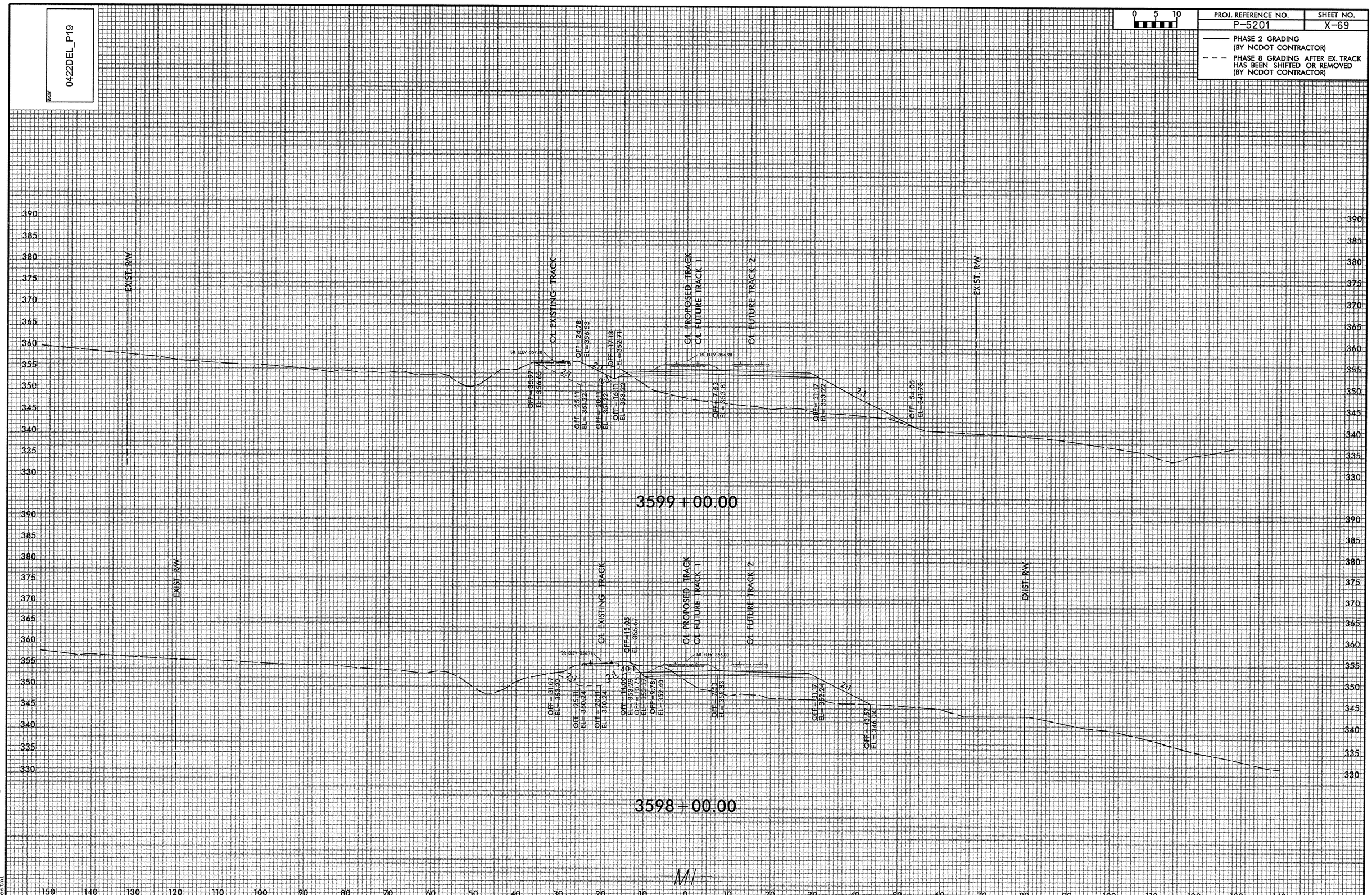
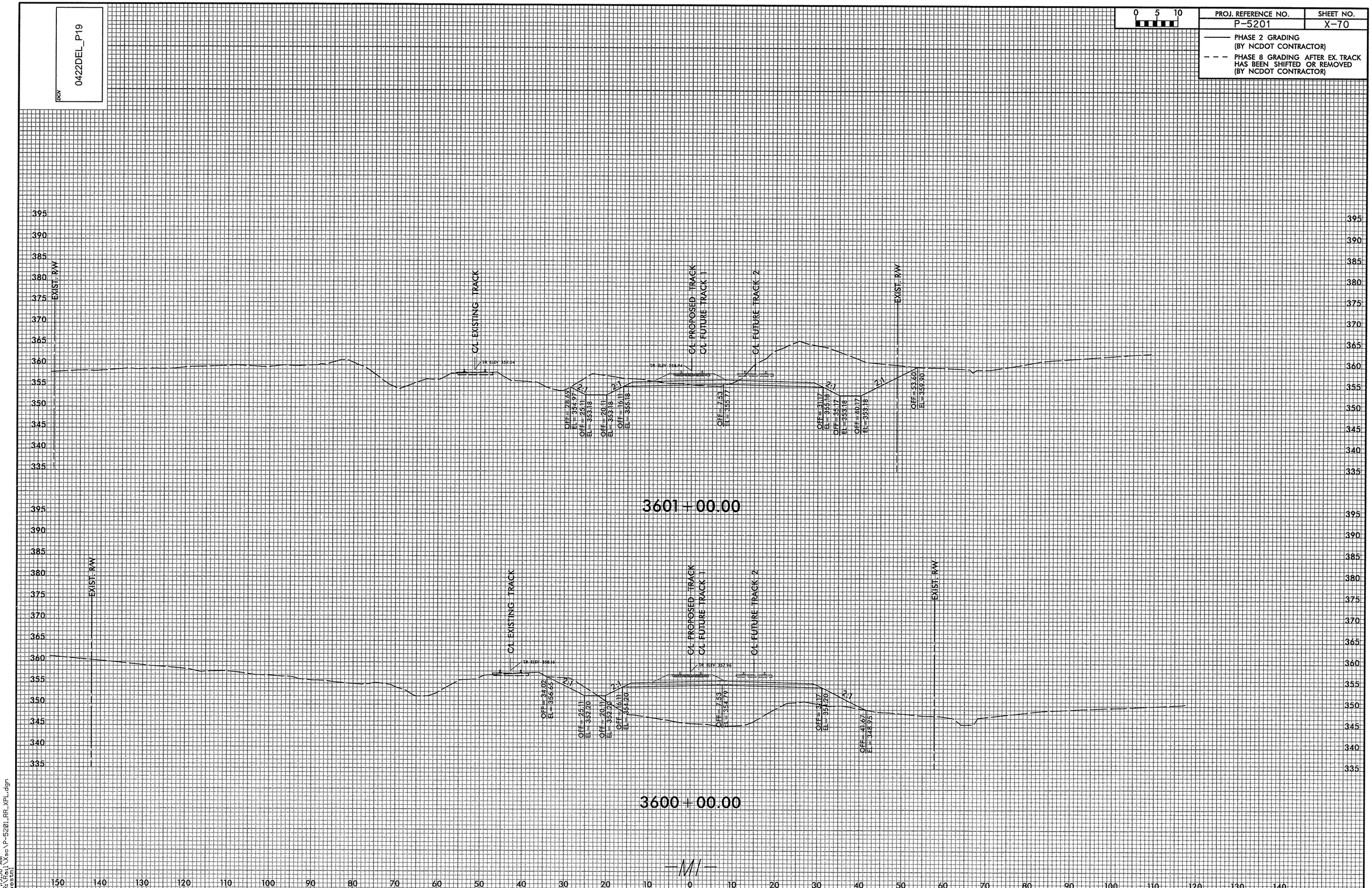
westml



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-68
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
3597+00.00
3596+00.00
-M1-



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-69
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
3599+00.00
3598+00.00
-M1-
7:19:57 AM
R:\Rail\Xso\P-5201_RR_XPL.dgn



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-70
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
2:1
OFF = 28.69 EL = 354.97
OFF = 25.11 EL = 353.18
OFF = 20.11 EL = 353.18
OFF = 16.11 EL = 355.18
OFF = 7.53 EL = 355.77
OFF = 31.17 EL = 355.18
OFF = 35.17 EL = 353.18
OFF = 40.17 EL = 353.18
OFF = 53.60 EL = 359.90
3601+00.00
OFF = 34.02 EL = 356.65
OFF = 25.11 EL = 352.20
OFF = 20.11 EL = 352.20
OFF = 16.11 EL = 354.20
OFF = 7.53 EL = 354.79
OFF = 34.17 EL = 354.20
OFF = 41.67 EL = 348.95
3600+00.00
-M1-
7:19:58 AM
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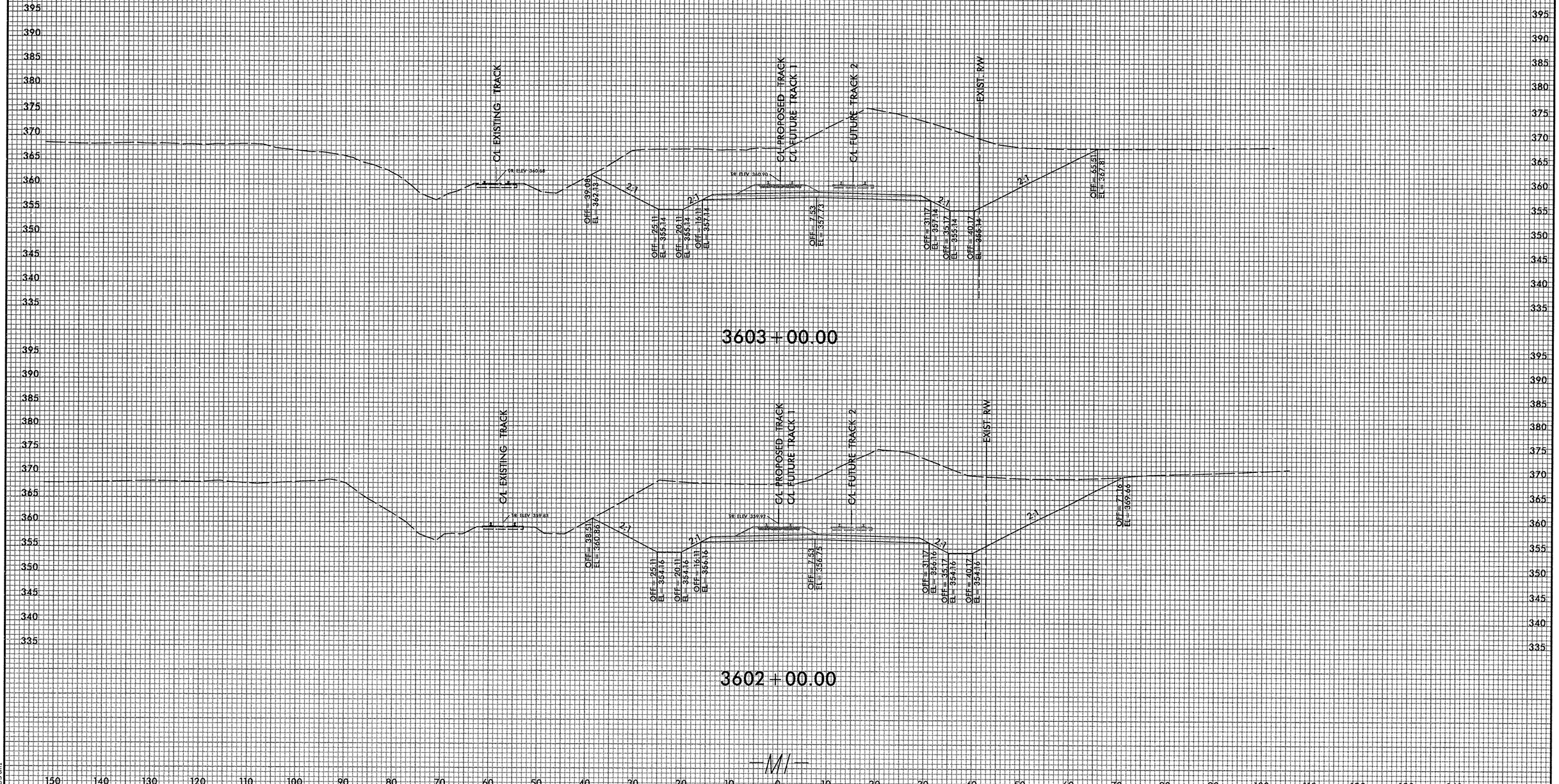
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-71

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:20:00 AM
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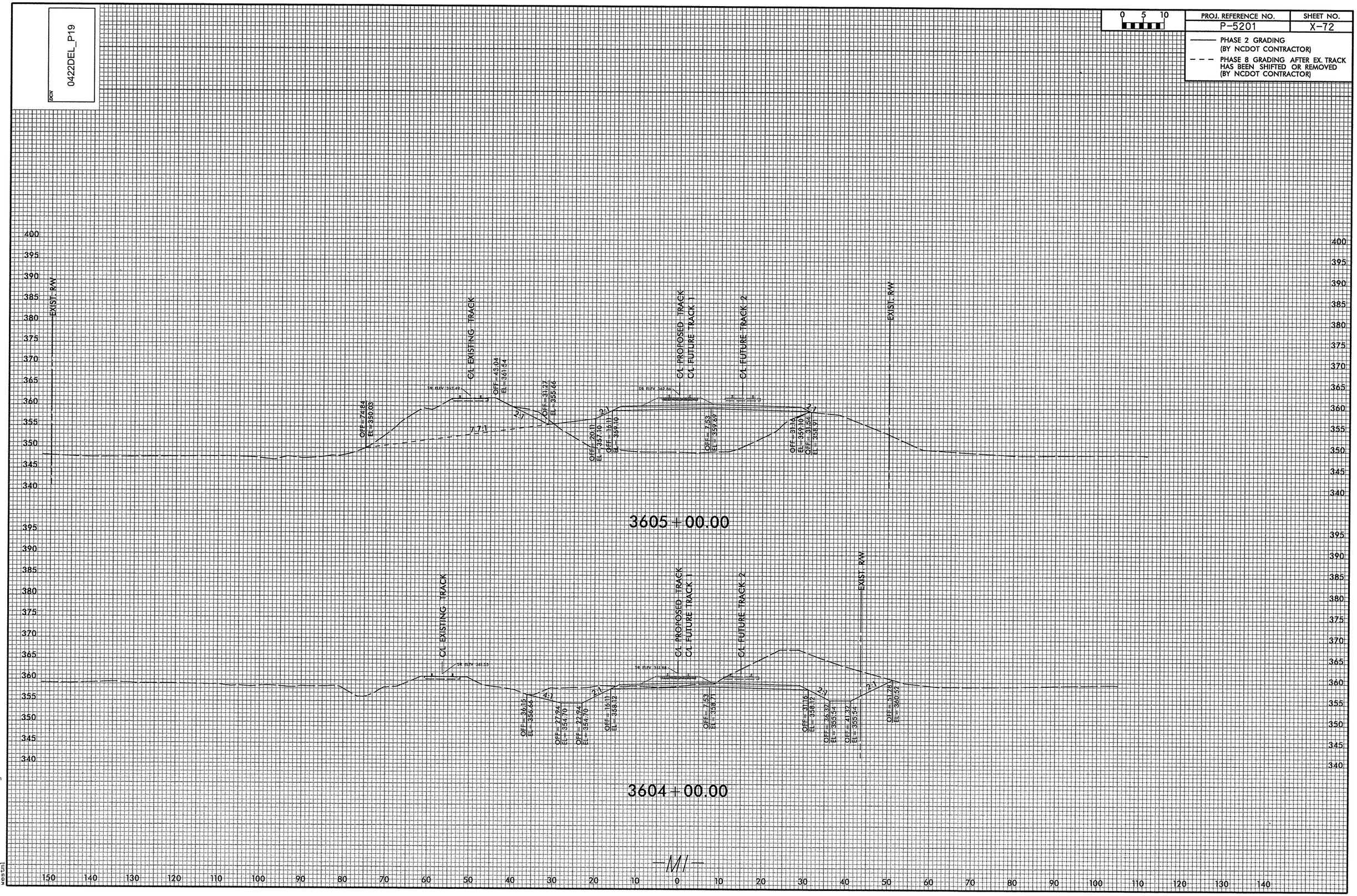
westm



0422DEL_P19
0 5 10
PROJ. REFERENCE NO.
P-5201
SHEET NO.
X-72
PHASE 2 GRADING (BY NCDOT CONTRACTOR)
PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)
EXIST. R/W
C/L EXISTING TRACK
C/L PROPOSED TRACK
C/L FUTURE TRACK 1
C/L FUTURE TRACK 2
OFF = 74.84
EL = 350.03
OFF = 43.04
EL = 361.54
OFF = 31.27
EL = 355.66
OFF = 20.11
EL = 357.10
OFF = 16.11
EL = 359.10
OFF = 7.53
EL = 359.69
OFF = 31.16
EL = 359.10
OFF = 31.54
EL = 358.91
7.7:1
2:1
3605+00.00
OFF = 36.15
EL = 356.66
OFF = 27.94
EL = 354.70
OFF = 22.94
EL = 354.70
OFF = 16.11
EL = 358.12
OFF = 7.53
EL = 358.71
OFF = 31.16
EL = 358.12
OFF = 36.32
EL = 355.54
OFF = 41.32
EL = 355.54
OFF = 51.28
EL = 360.52
4:1
3604+00.00
-M/-
7:20:01 AM
R:\Rail\Xsc\P-5201_RR_XPL.dgn
westml

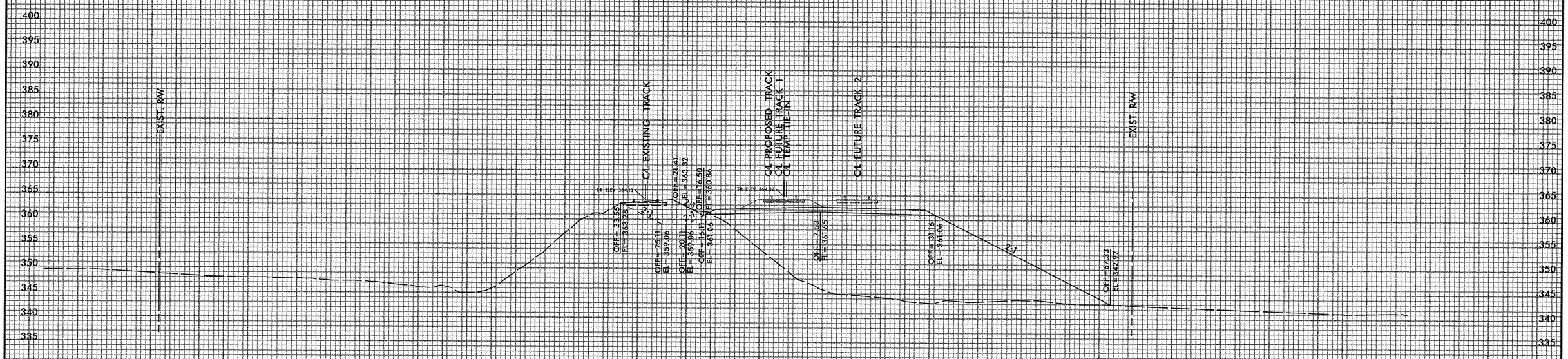
DGN 0422DEL_P19

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-73

0 5 10

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:00:02 AM
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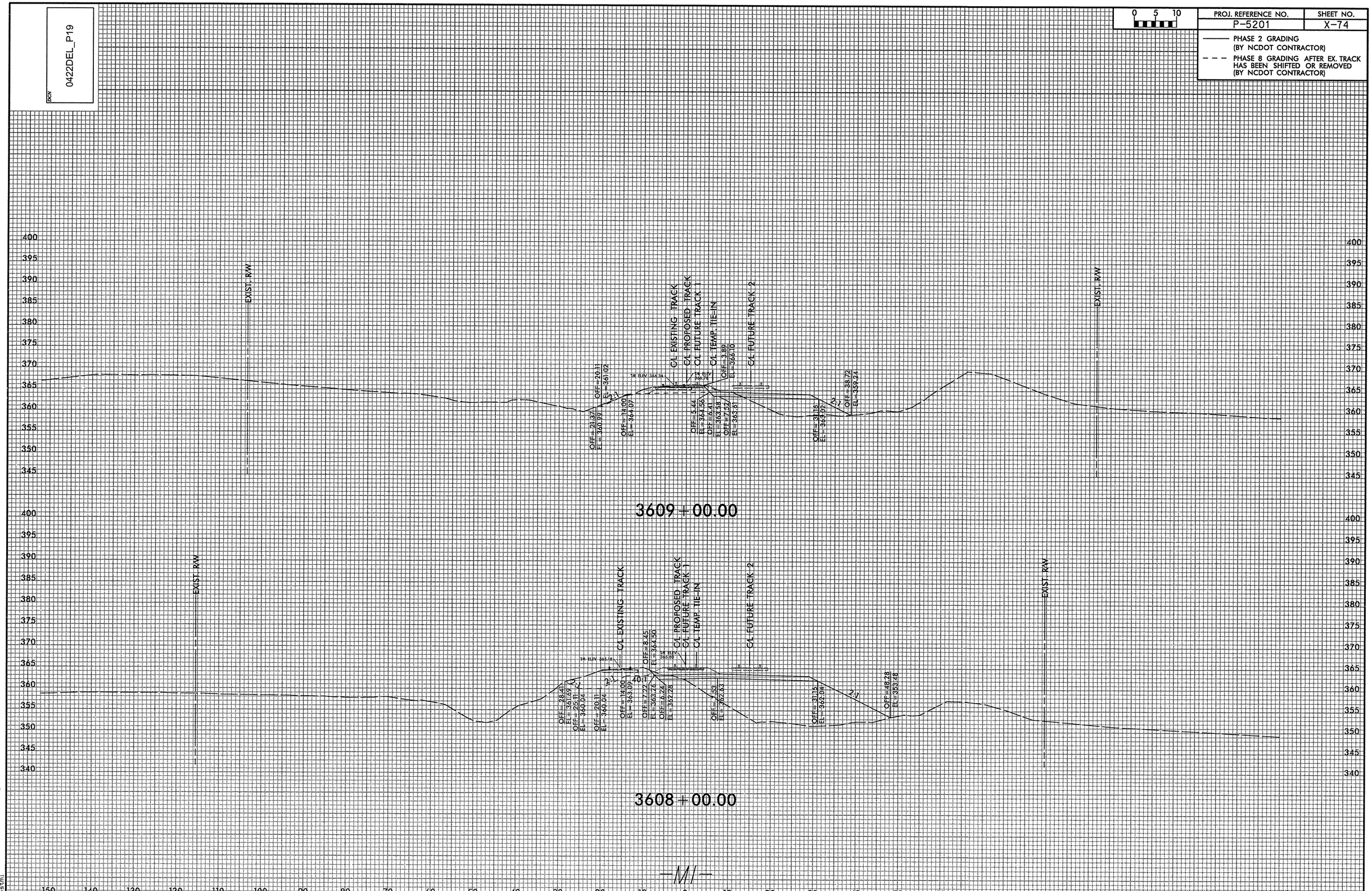
westm



7:20:04 AM
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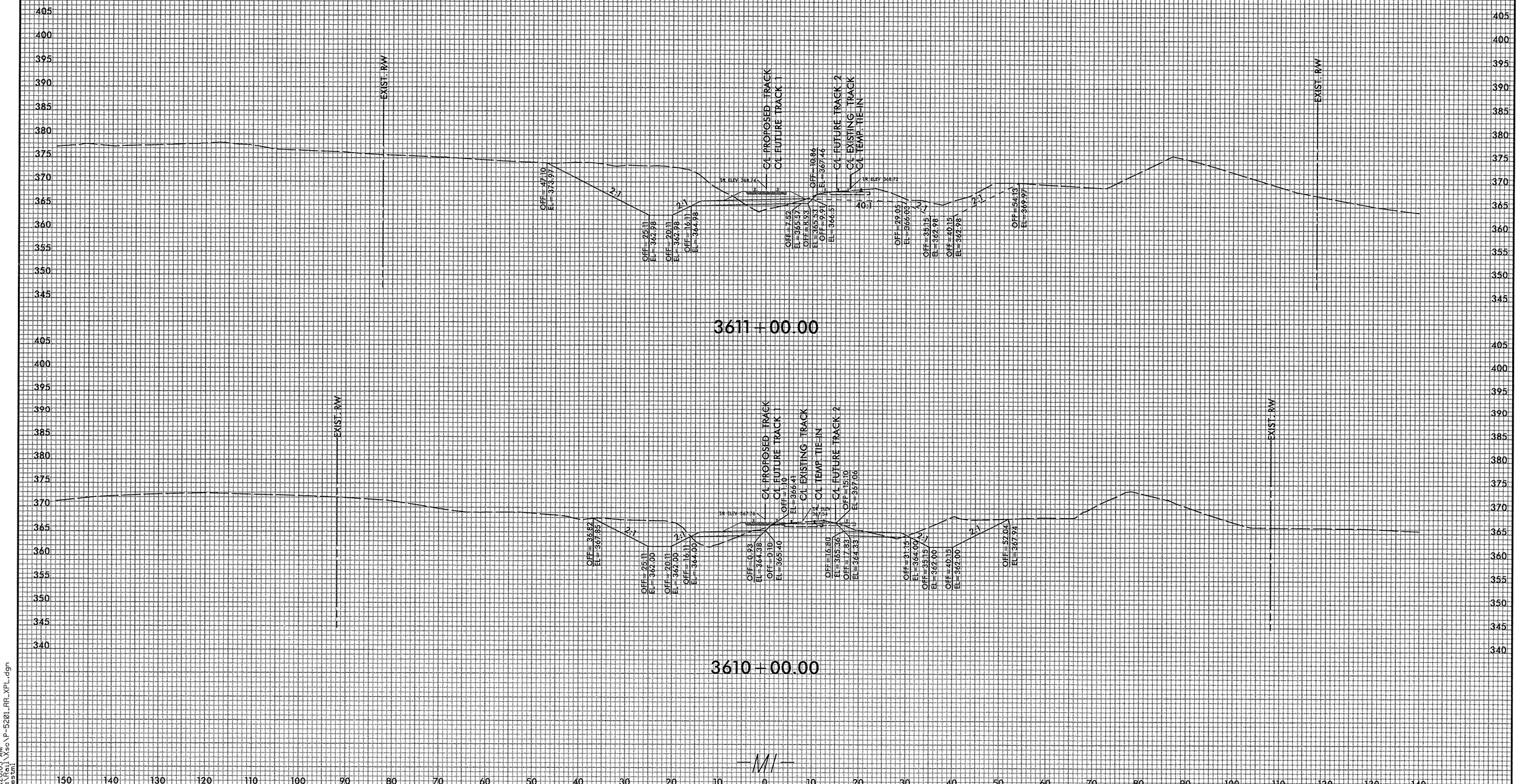
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-75

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:20:05 AM
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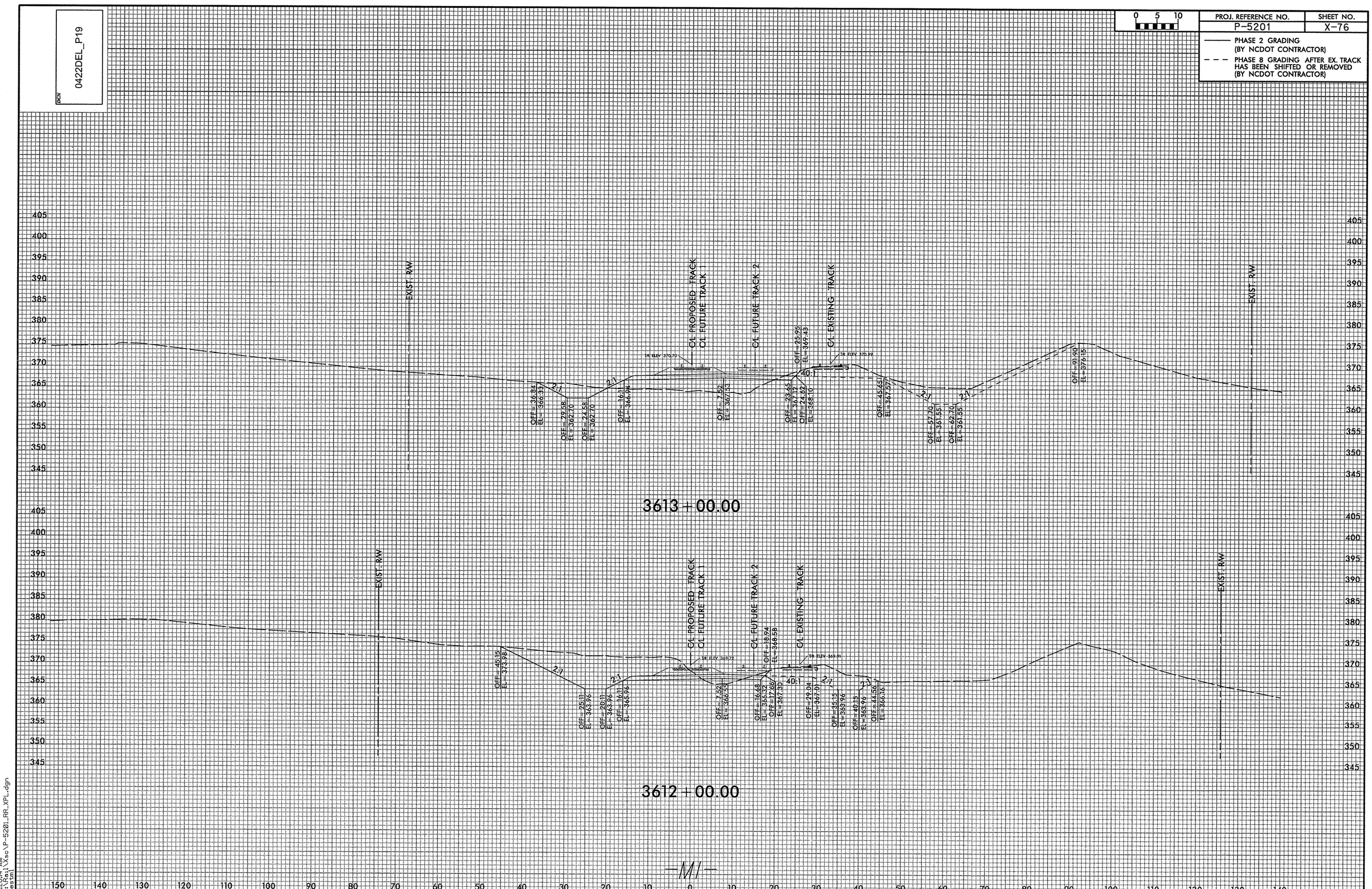
wsmith



7:20:14 AM
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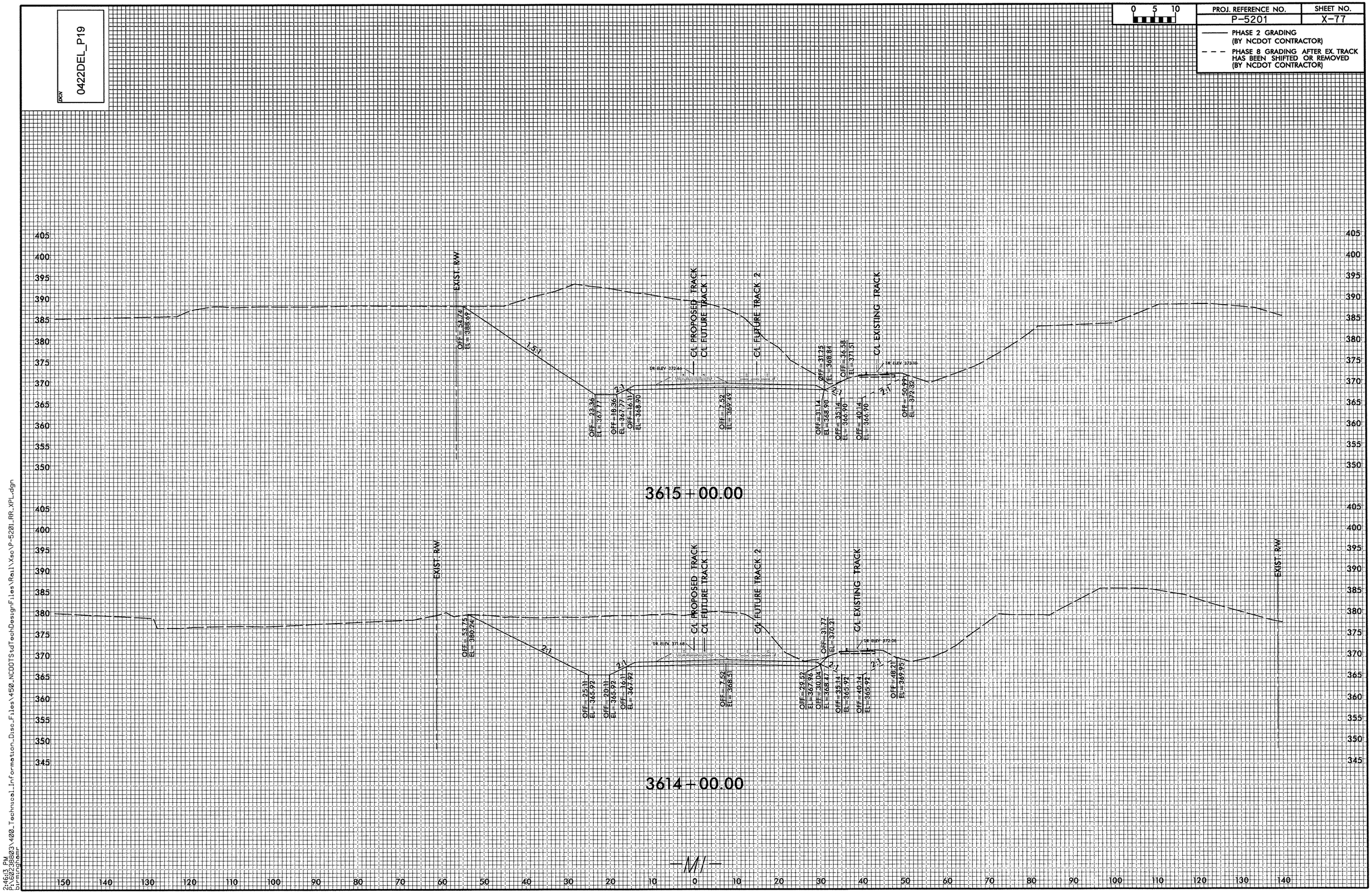
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-77

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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birmingham

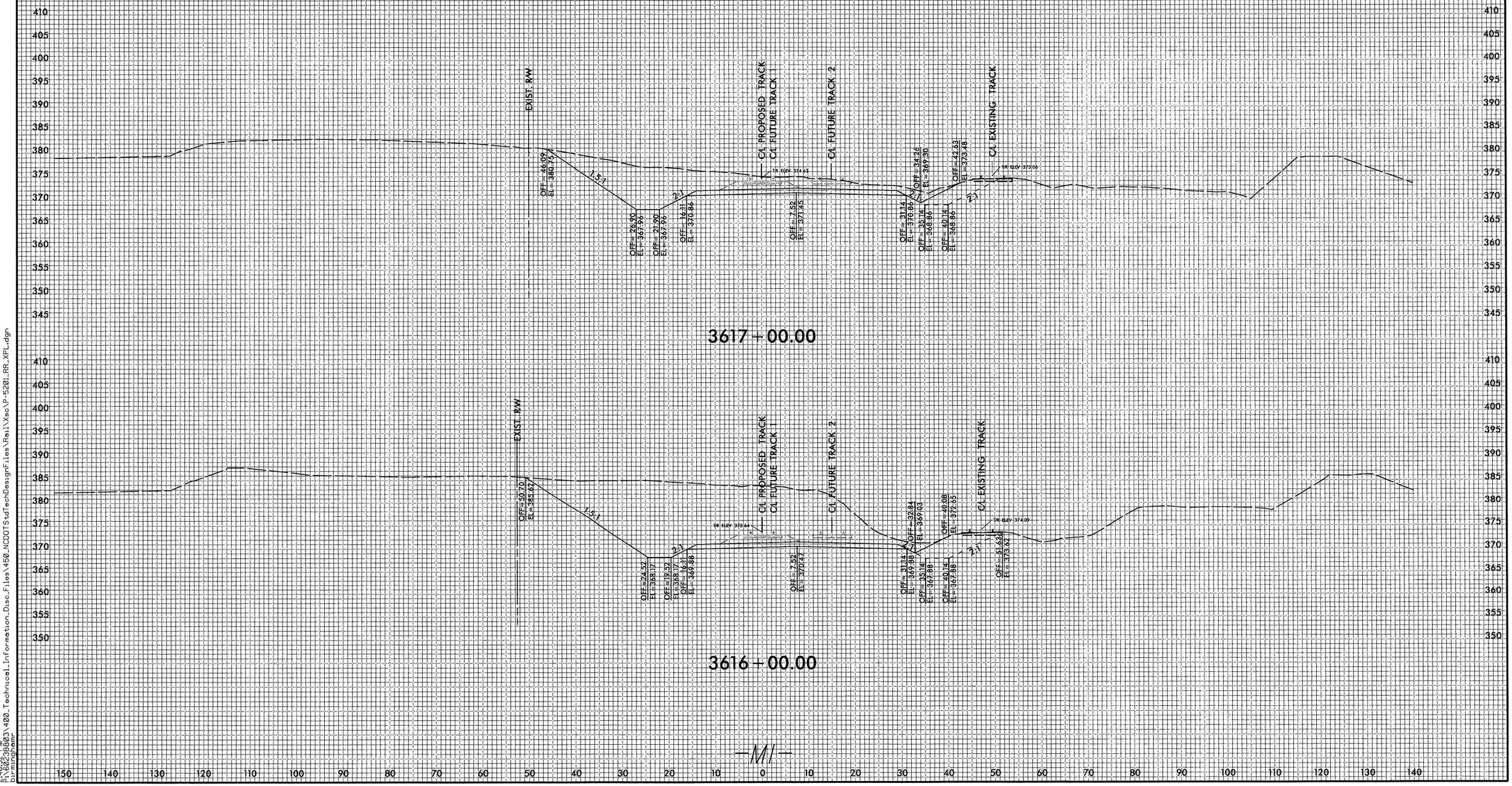
DGN 0422DEL_P19

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-78

0 5 10

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



2:46:32 PM
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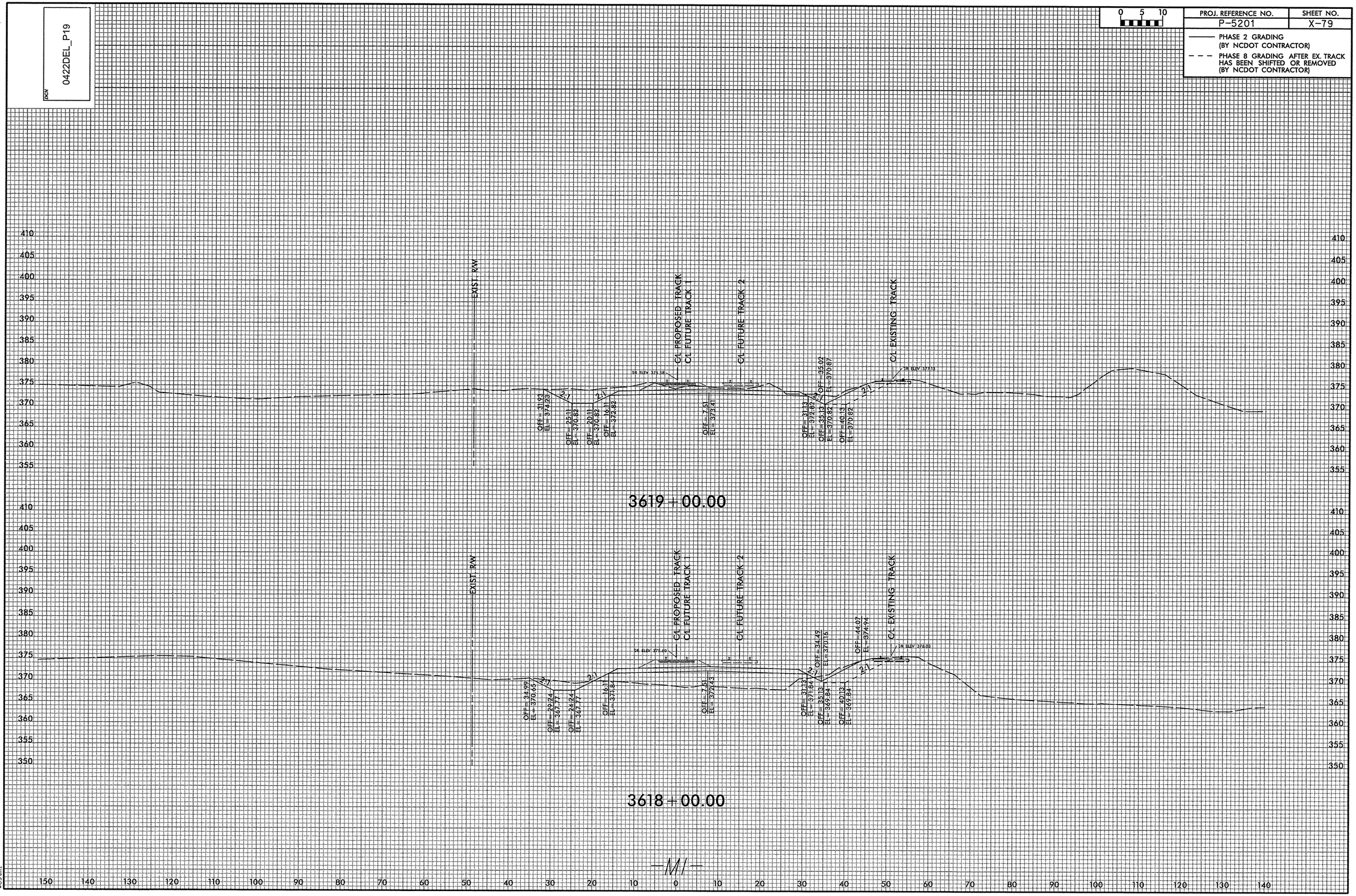
birmingham



7:20:18 AM
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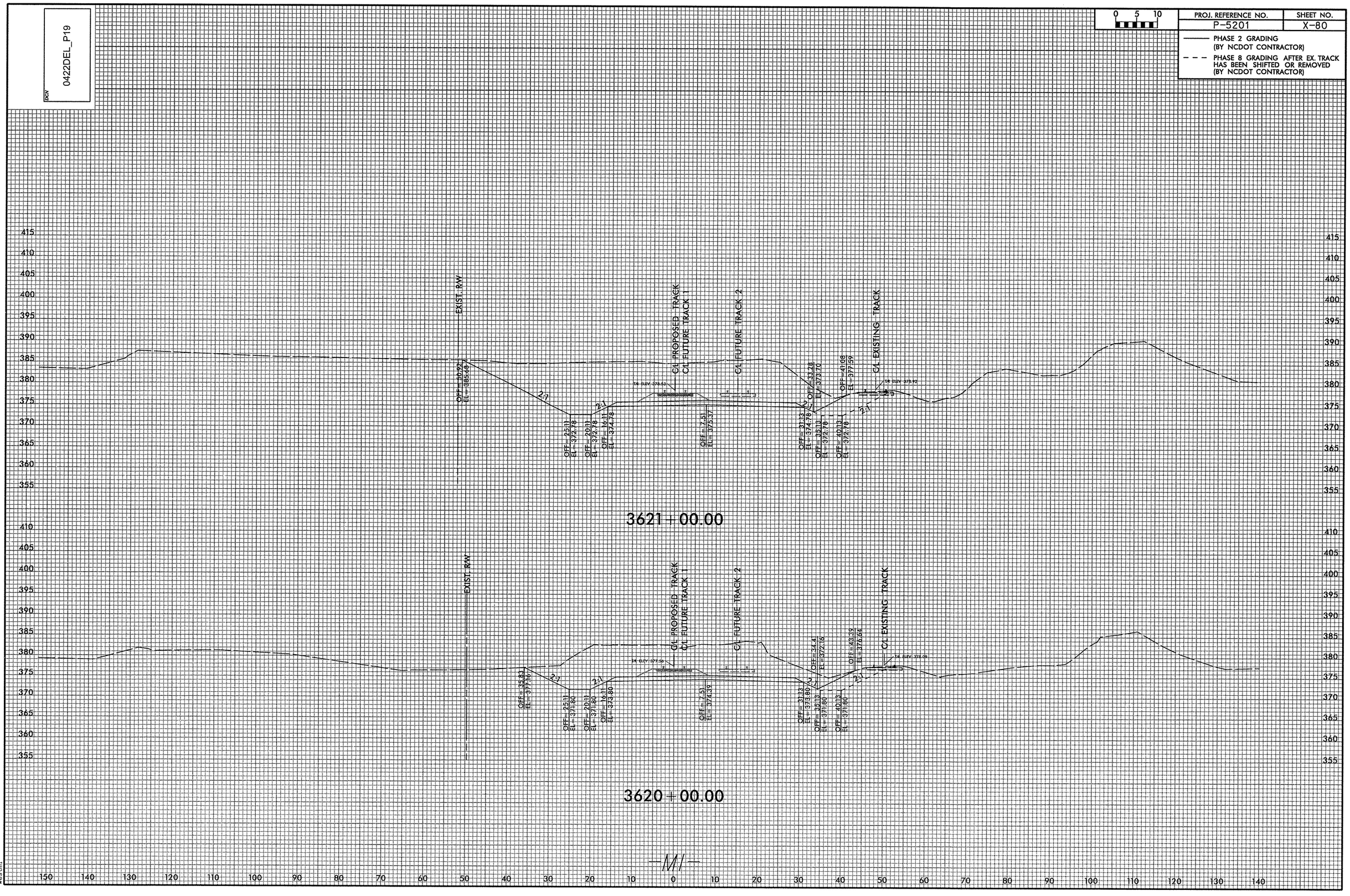
westml

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-80

PHASE 2 GRADING (BY NCDOT CONTRACTOR)

PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:20:20 AM
N:\Rail\Xsc\P-5201_RR_XPL.dgn
westm

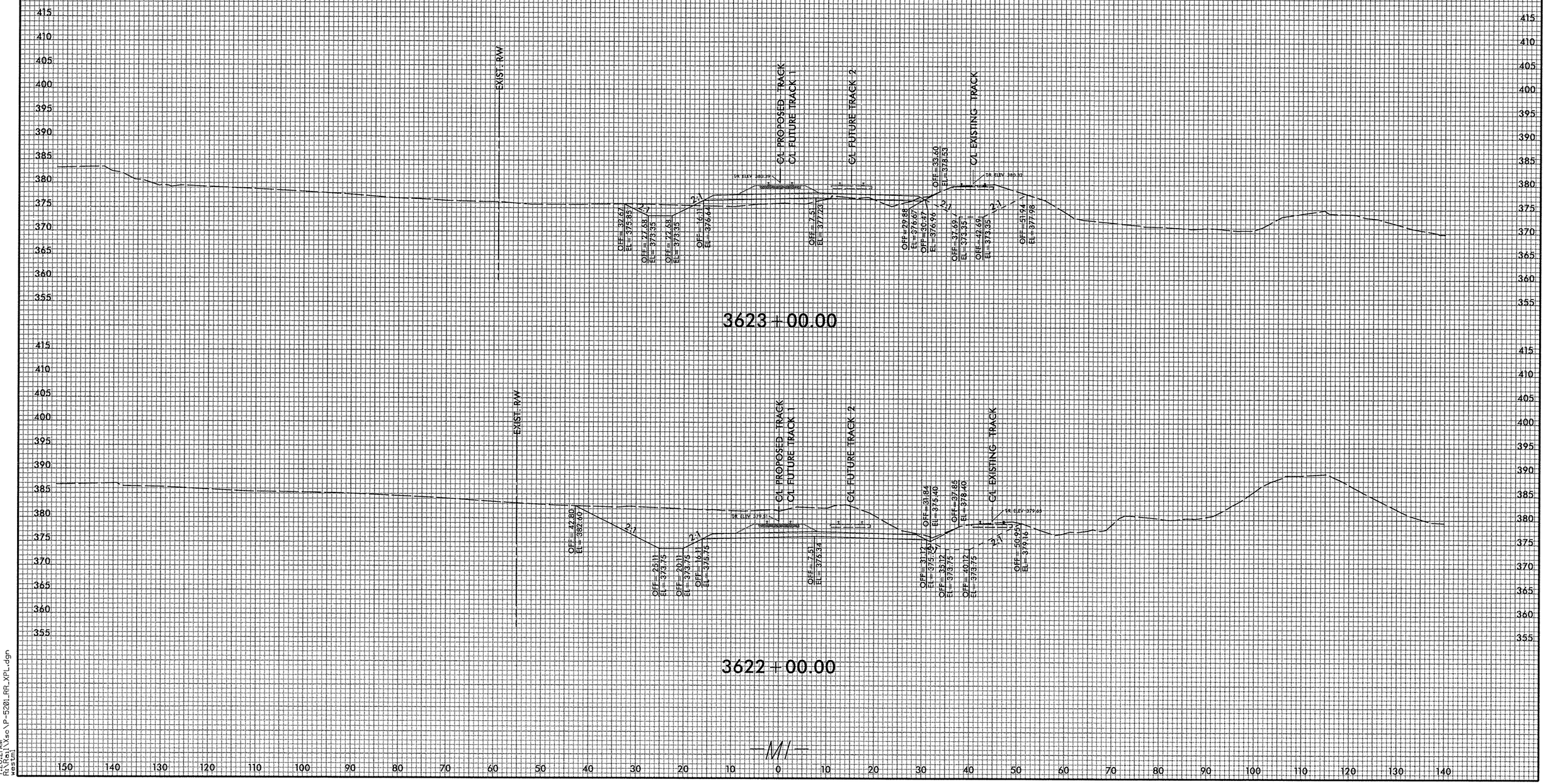
DGN 0422DEL_P19

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-81

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:20:21 AM
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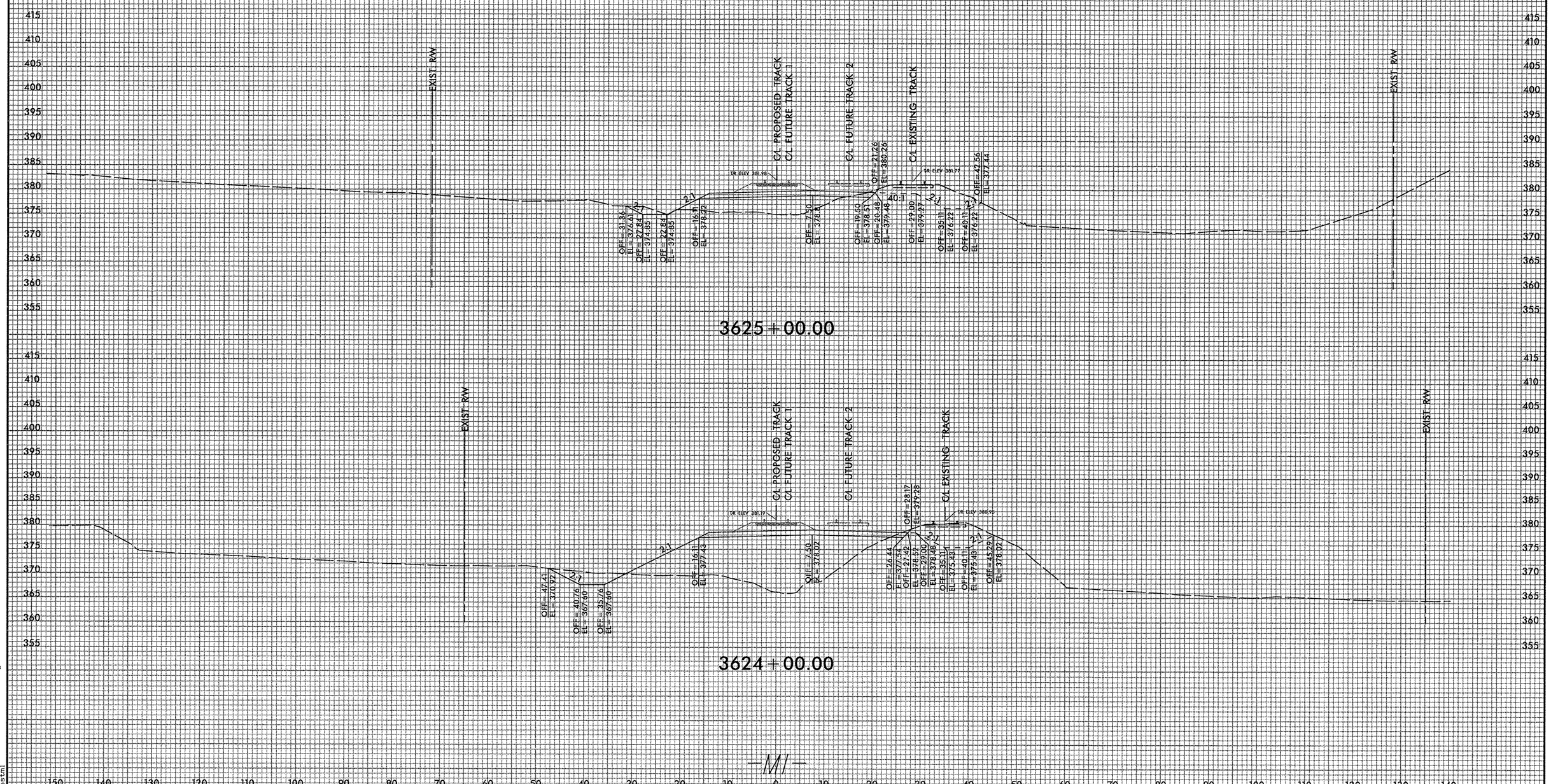
wessell

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-82

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



7:20:22 AM
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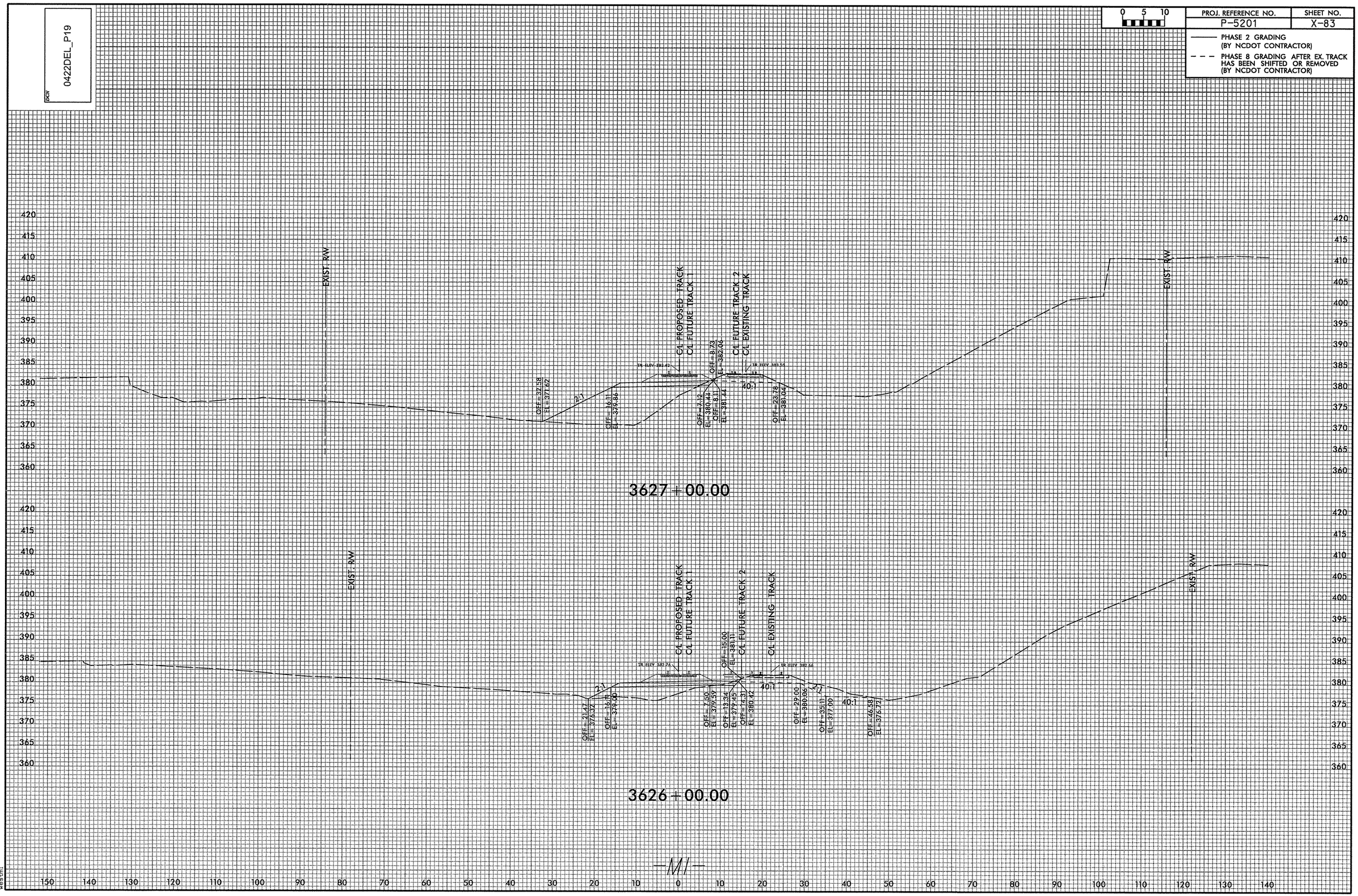
westm1

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-83

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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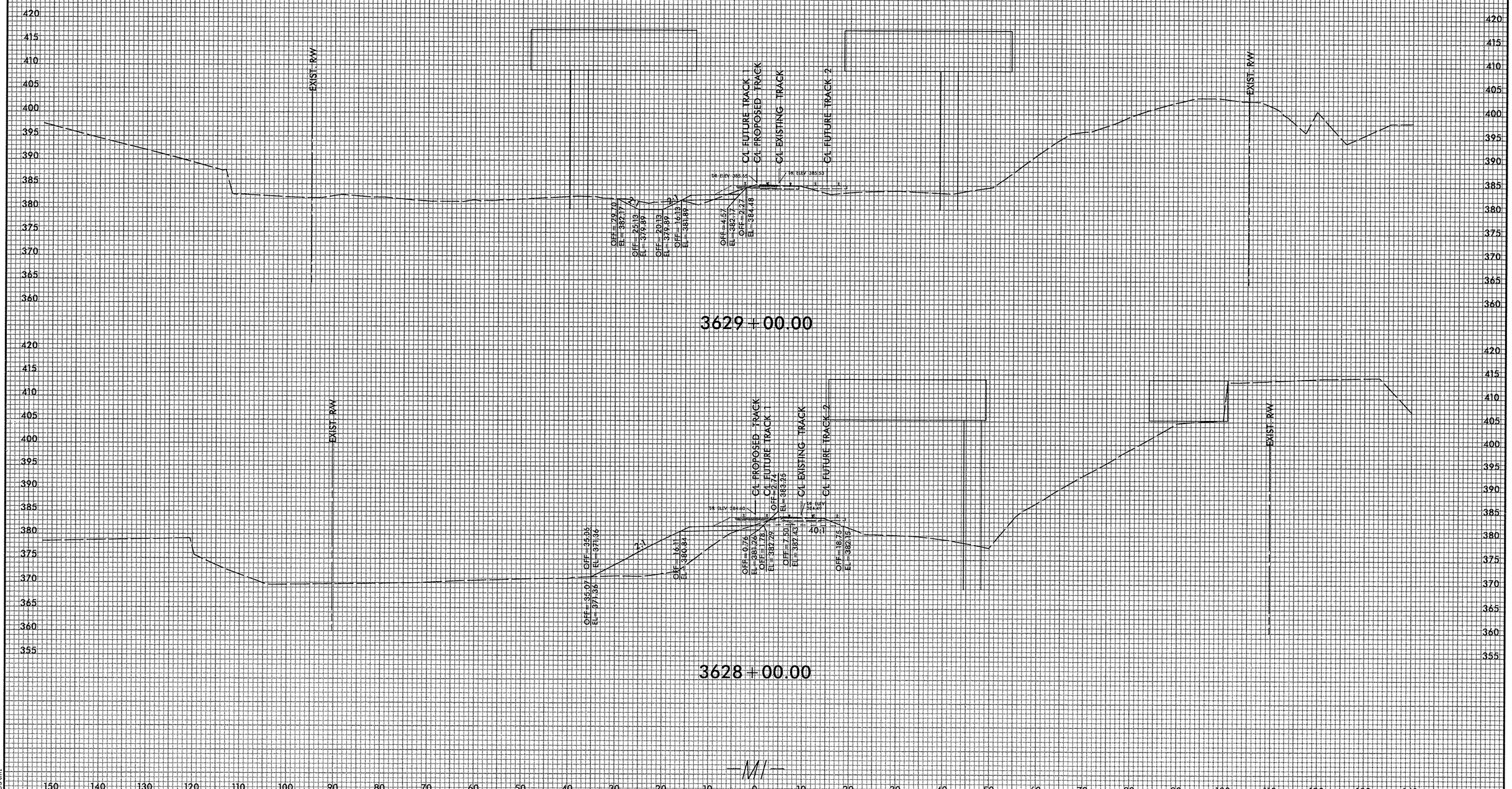
weems1

DGN 0422DEL_P19

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	P-5201	X-84

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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westm1

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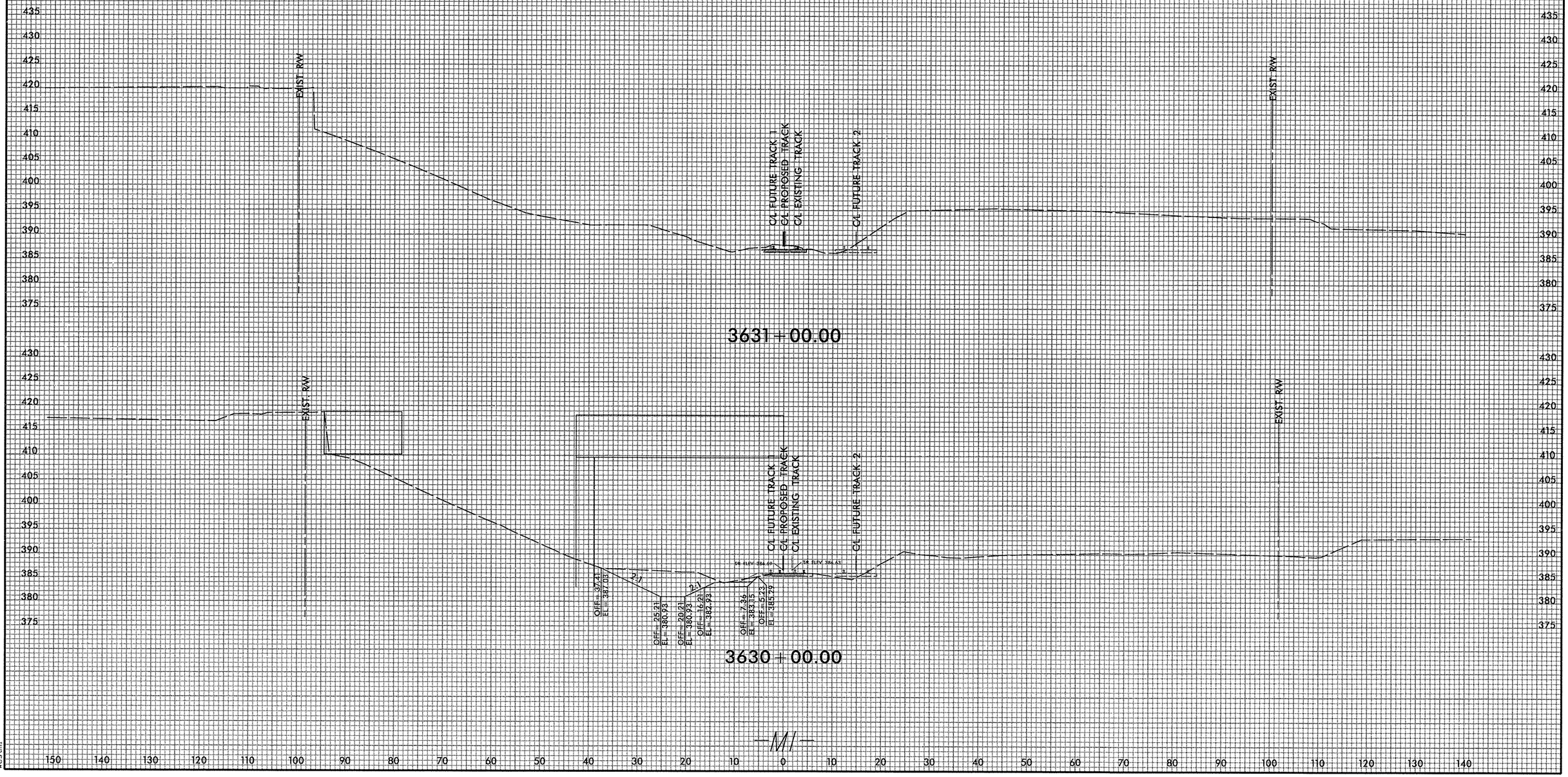
PROJ. REFERENCE NO.	SHEET NO.
P-5201	X-85

——— PHASE 2 GRADING (BY NCDOT CONTRACTOR)

– – – PHASE 8 GRADING AFTER EX. TRACK HAS BEEN SHIFTED OR REMOVED (BY NCDOT CONTRACTOR)



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