PROJ. REFERENCE NO.	SHEET NO.
B-4647	X-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

PHASE I			
Station -L-	Uncl. Exc. (cu. yd.)	Undercut (cu. yd.)	Embt (cu. yd.)
16+30.00	0	0	0
16+50.00	0	0	1
17+00.00	2	0	8
17+50.00	2	0	16
18+00.00	1	0	13
18+25.00	0	0	4
18+50.00	0	52	66
19+00.00	0	244	287
19+50.00	0	318	388
19+75.00	0	88	134
20+00.00	0	0	35
20+50.00	0	0	59
21+00.00	0	0	88
21+50.00	0	0	112
21+85.00	0	0	73
22+00.00	0	0	29
22+50.00	0	0	84
23+00.00	0	0	63
23+50.00	0	0	46
24+00.00	0	0	41
24+50.00	1	0	39
25+00.00	1	0	63
25+05.00	0	0	4
28+75.00	0	0	0
29+00.00	0	0	109
29+25.00	0	0	91
29+50.00	0	0	107
30+00.00	0	0	236
30+50.00	0	0	231
31+00.00	0	0	210
31+10.00	0	0	41
31+50.00	0	0	147
32+00.00	0	0	151
32+50.00	0	0	120
33+00.00	0	0	101
33+50.00	0	0	82
34+00.00	0	0	65
34+50.00	0	0	48
35+00.00	0	0	31
35+50.00	0	0	29
36+00.00	0	0	32
36+50.00	0	0	40
37+00.00	0	0	41
37+50.00	0	0	31
38+00.00	0	0	22
38+50.00	1	0	15
39+00.00	2	0	11
39+20.00	0	0	2

PHASE II			
Station -L-	Uncl. Exc. (cu. yd.)	Undercut (cu. yd.)	Embt (cu. yd.)
16+30.00			
16+50.00			
17+00.00			
17+50.00			
18+00.00	0	0	0
18+25.00	0	0	5
18+50.00	1	0	5
19+00.00	1	0	5
19+50.00	1	0	2
19+75.00	1	0	1
20+00.00	1	0	2
20+50.00	10	0	5
21+00.00	27	0	11
21+50.00	55	0	10
21+85.00	55	0	2
22+00.00	25	0	1
22+50.00	104	0	2
23+00.00	146	0	1
23+50.00	205	0	0
24+00.00	231	0	3
24+50.00	260	0	4
25+00.00	301	0	2
25+05.00	15	0	0
28+75.00	0	0	0
29+00.00	19	0	31
29+25.00	32	0	34
29+50.00	22	0	38
30+00.00	19	0	60
30+50.00	27	0	36
31+00.00	46	0	36
31+10.00	8	0	7
31+50.00	26	0	27
32+00.00	24	0	25
32+50.00	11	0	10
33+00.00	4	0	2
33+50.00	5	0	4
34+00.00	2	0	5
34+50.00	0	0	6
35+00.00	0	0	3
35+50.00	1	0	2
36+00.00	1	0	1
36+50.00	1	0	1
37+00.00	1	0	0
37+50.00	2	0	1
38+00.00	1	0	3
38+50.00			
39+00.00			
39+20.00			

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

DRMP ENGINEERS • PLANNERS • SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
950 FAIRVIEW ROAD., S-320
CHARLOTTE, NC 28210
704-332-2289 NC LICENSE NO. C-2213

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4647	X-2

3:1 0.044 0.044 3:1

3.30

19+00.00

UNDERCUT

3:1 0.026 0.026 3:1

2.85

18+50.00

STAGE 1 SLOPE (TYP.)

UNDERCUT

BEGIN UNDERCUT -L- STA. 18+25 +/-

3:1 0.017 0.020 3:1

2.56

18+00.00

3:1 0.017 0.020 3:1

2.41

17+50.00

0.002 (EXIST.) 0.02 3:1

2.36

17+00.00

0.02 (EXIST.) 0.02 3:1

2.31

16+50.00

BEGIN PROJECT STA. 16+30.00

16+00.00

-L-

DRMP
ENGINEERS · PLANNERS · SCIENTISTS
DYER, RIDDLE, MILLS, & PRECOURT, INC.
5960 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2289
NC LICENSE NO. C-2213

8/23/99
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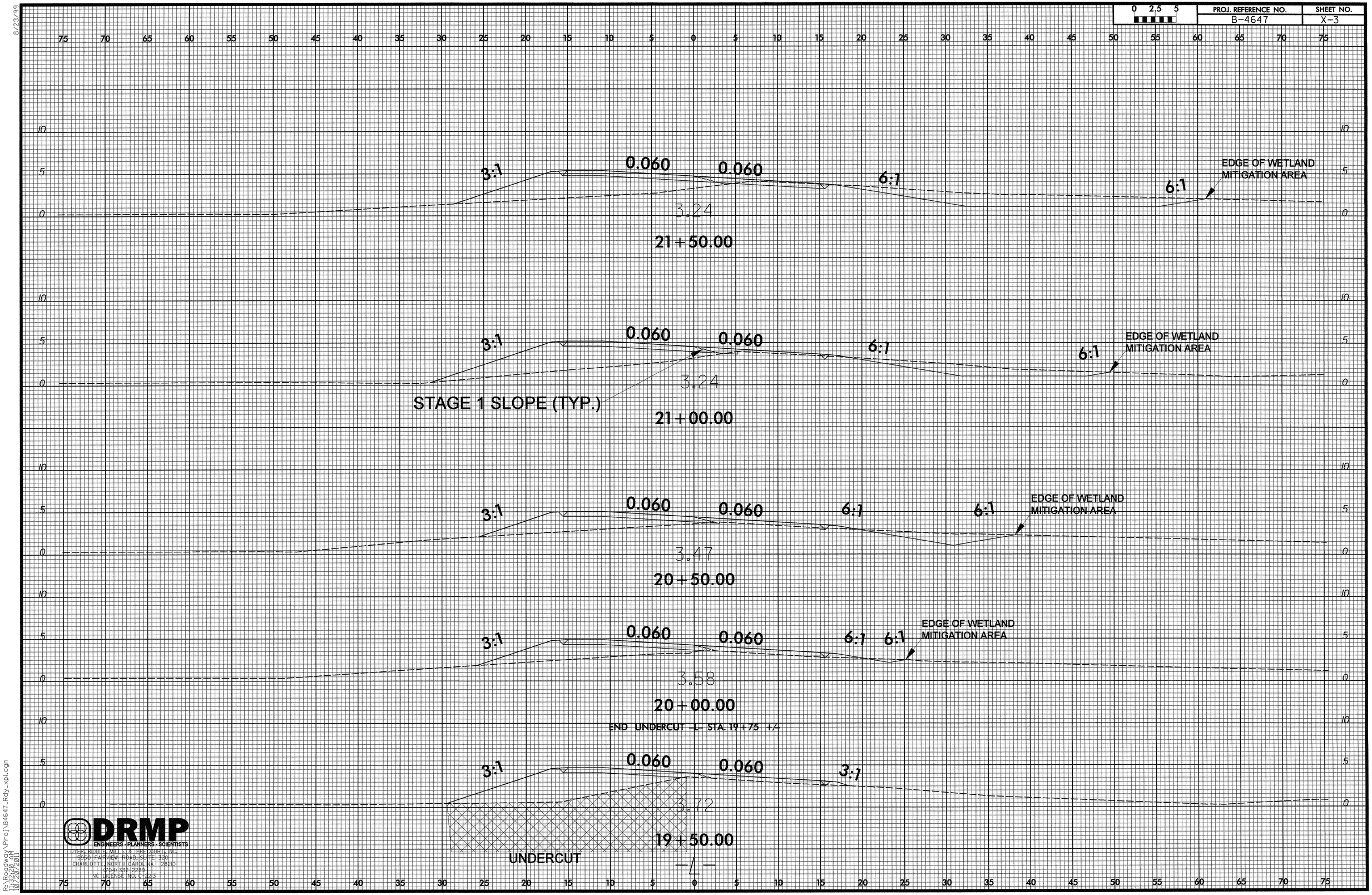

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ENGINEERS - PLANNERS - SCIENTISTS
DIVERSIFIED RESOURCE MANAGEMENT, INC.
5950 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2289
NC LICENSE NO. C-1223

8/23/99

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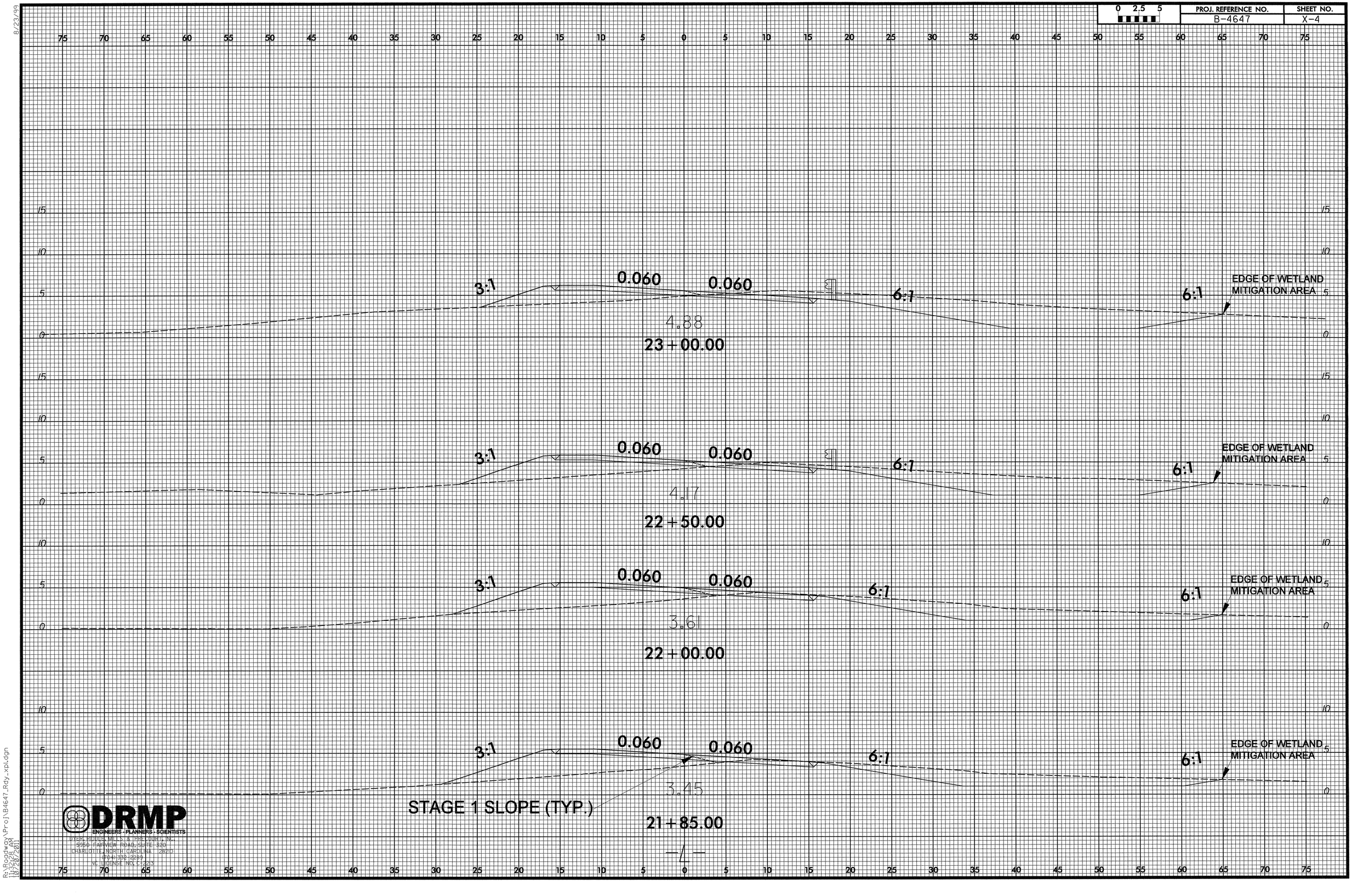

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ENGINEERS · PLANNERS · SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
5950 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2889
NC LICENSE NO. C-1213

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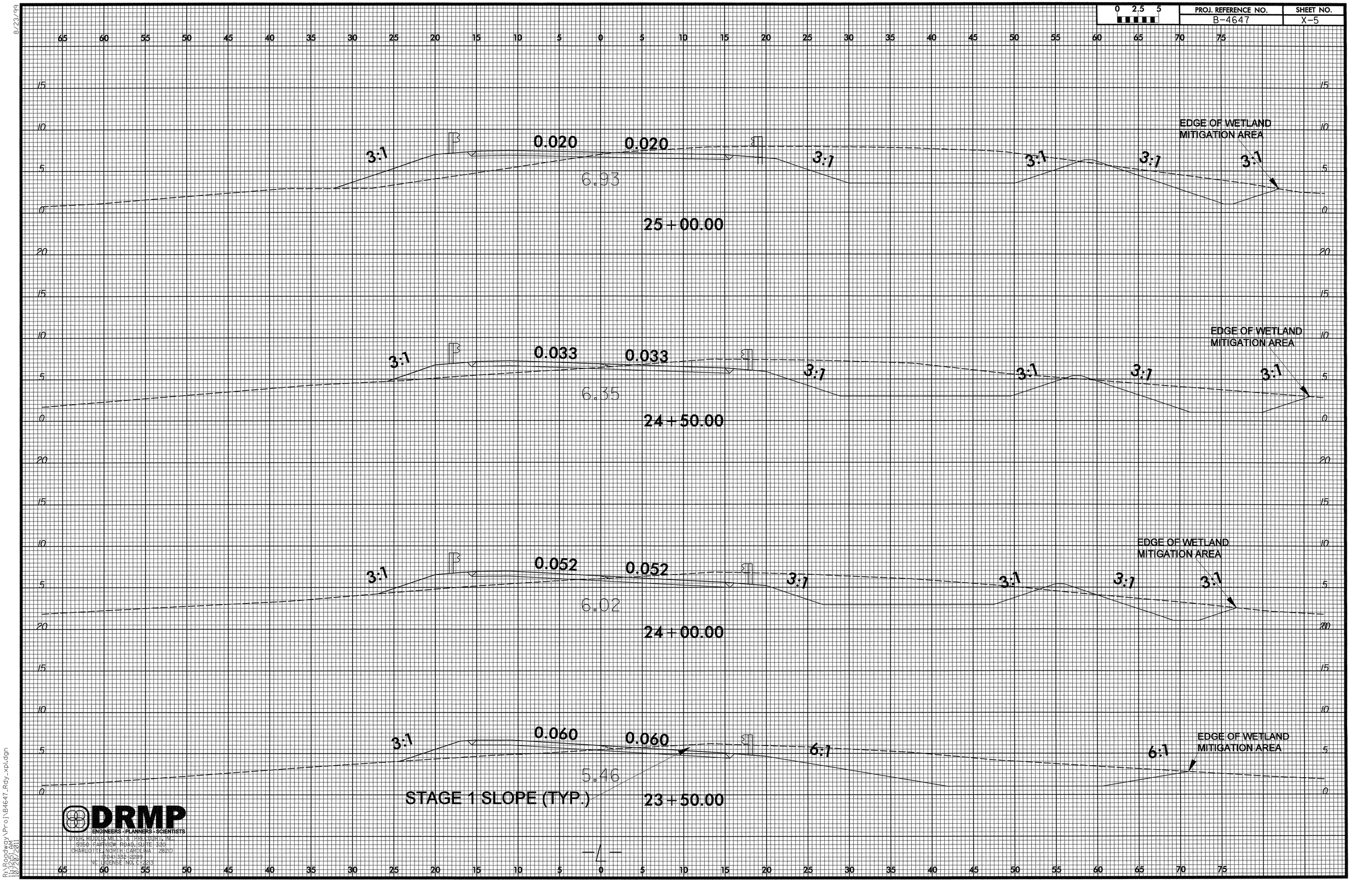

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ENGINEERS · PLANNERS · SCIENTISTS
DYER RIDDLE MILLS & PRECOURT, INC.
5950 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2289
NC LICENSE NO. C-1203

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4647	X-6

0.020 0.020

-12.3

26+00.00

0.020 0.020

1.48

25+50.00

0.020 0.020

6.72

25+05.00

BEGIN BRIDGE
STA. 25+05.00

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ENGINEERS · PLANNERS · SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
5950 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2209
NC LICENSE NO. C-1213

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4647	X-7

0.020 0.020

-2.30
27+50.00

0.020 0.020

-3.60
27+00.00

0.020 0.020

-18.76
26+50.00

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ENGINEERS · PLANNERS · SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
3956 FAIRVIEW ROAD, SUITE 120
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2289
NC LICENSE NO. C-1243

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8/23/99

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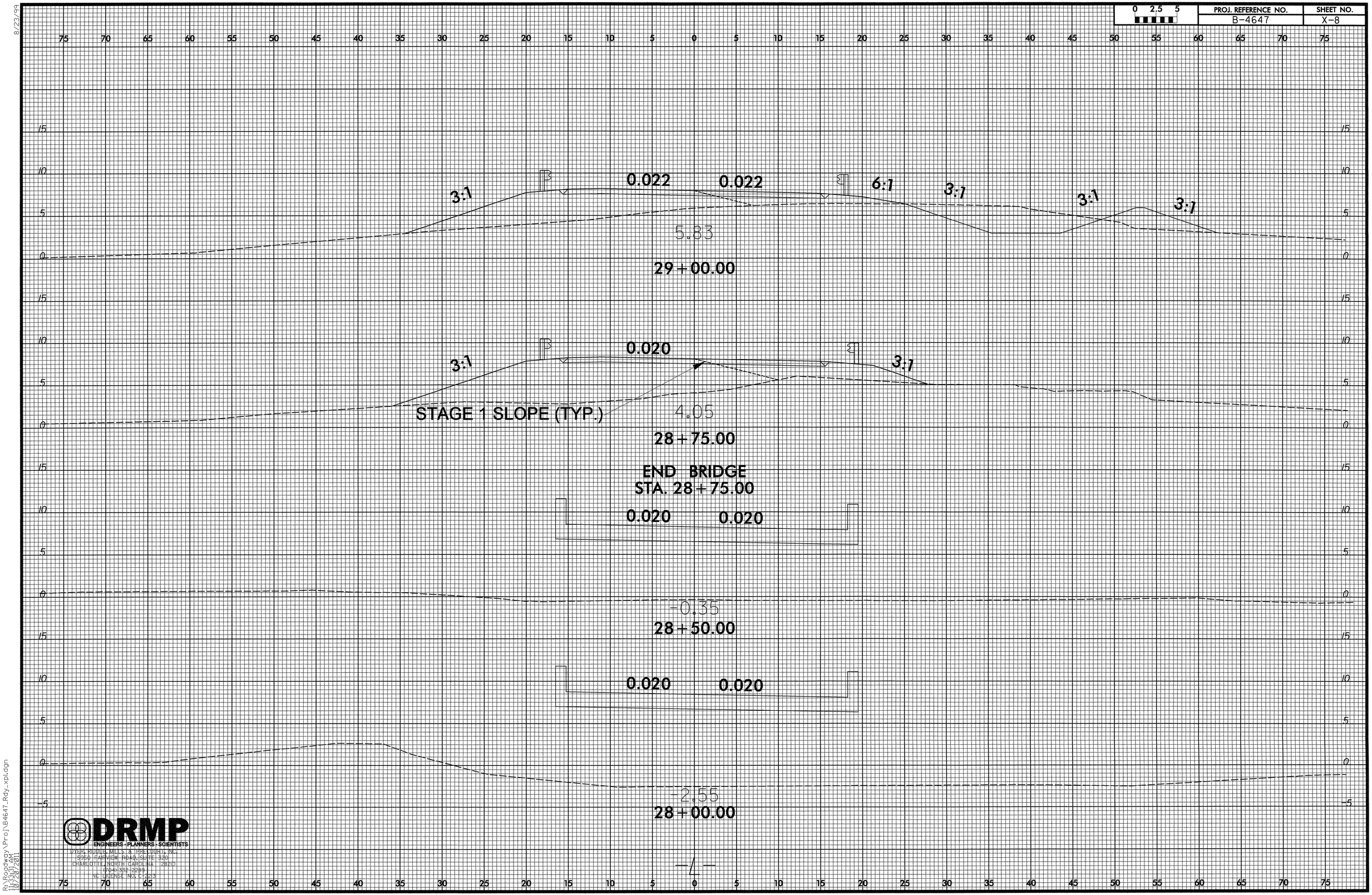
	B-4647	X-8



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5950 FAIRVIEW ROAD, SUITE 320
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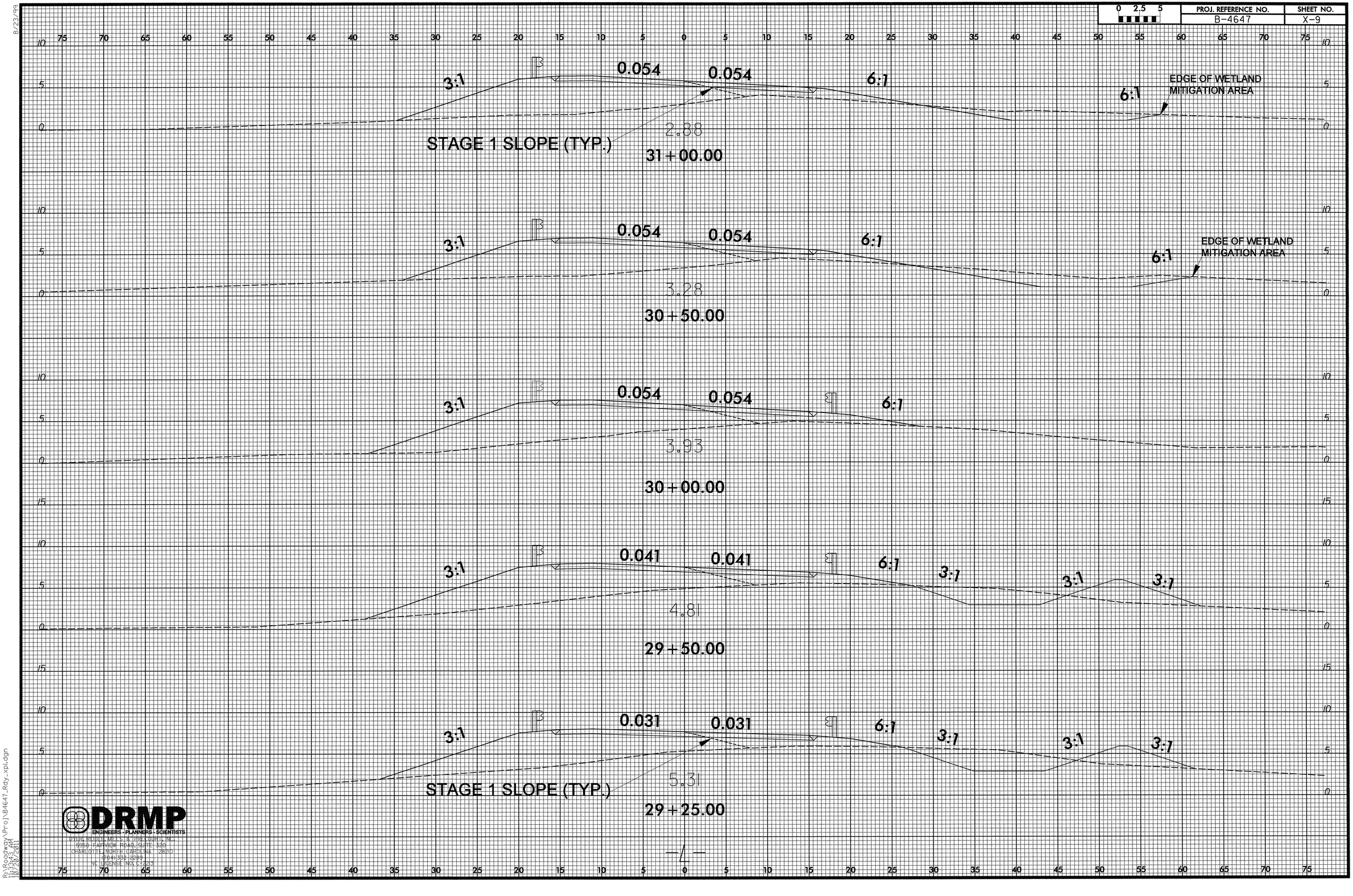
	B-4647	X-9



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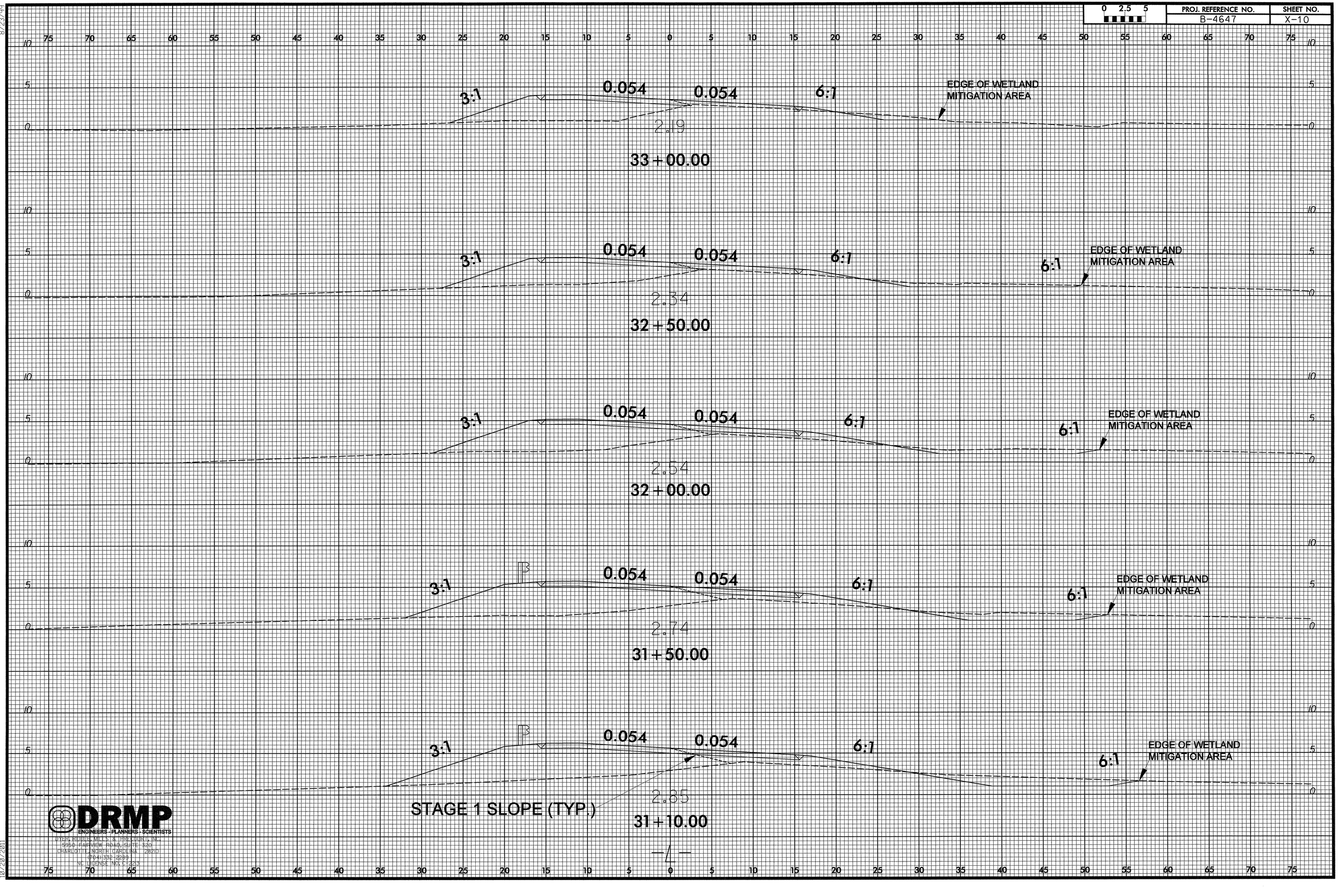

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(704) 552-2289
NC LICENSE NO. C-223

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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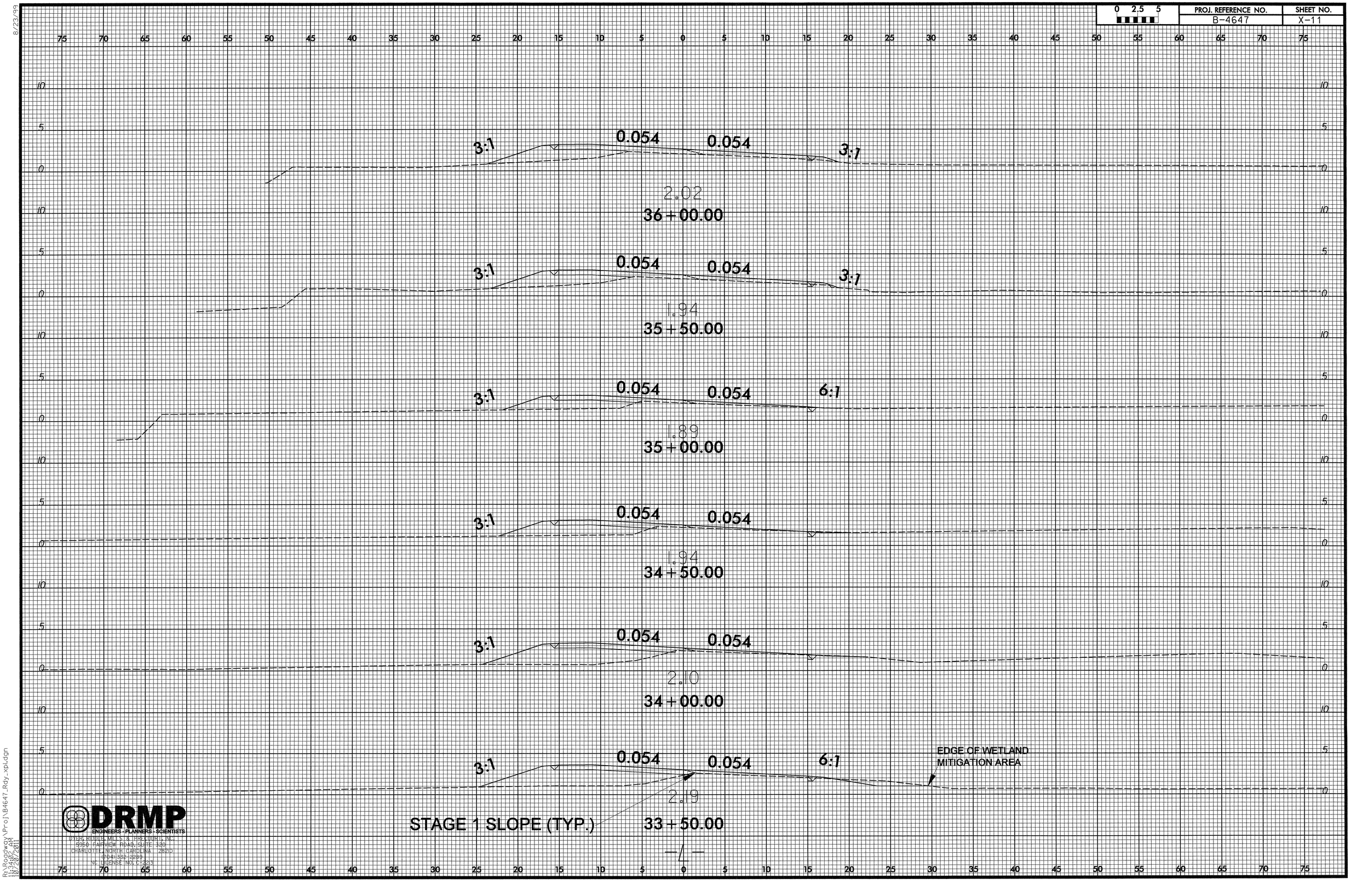

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5950 FAIRVIEW ROAD, SUITE 330
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-3299
NC LICENSE NO. C-2213

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4647	X-12

0.026 (EXIST.) 0.016 (EXIST.)

3:1 3:1

2.03

38+50.00

0.023 0.023

3:1 3:1

1.89

38+00.00

0.042 0.042

3:1 3:1

1.96

STAGE 1 SLOPE (TYP.) 37+50.00

0.054 0.054

3:1

2.10

37+00.00

0.054 0.054

3:1 3:1

2.05

36+50.00

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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4647	X-13

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

5
0
-5

2.20

39 + 50.00

END PROJECT
STA. 39 + 20.00

0.030 (EXIST.)

0.011 (EXIST.)

3:1

2.18

39 + 00.00

DRMP
ENGINEERS + PLANNERS + SCIENTISTS
DYER, RIDDLE, MILLS & PRECOURT, INC.
9950 FAIRVIEW ROAD, SUITE 320
CHARLOTTE, NORTH CAROLINA 28210
(704) 332-2289
NC LICENSE NO. C-323

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