C:\SD2658\5\7/6/2014,S:\Records\Plot_Rooms\Plotter_Room_A\Print_Jobs\07-08-14\Johnson Earthwork XSC Volume Summary.xls

PROJ. REFERENCE NO.	SHEET NO.
K-5002	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+00.00	0	0
24+50.00	7	0
25+00.00	62	0

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
31+00.00	0	0
32+00.00	22	281
32+50.00	24	240
33+00.00	28	114
33+50.00	50	17
34+00.00	82	2
34+50.00	65	0
35+00.00	41	5
35+50.00	46	9
36+00.00	45	13
36+50.00	39	8
37+00.00	37	0
37+50.00	35	1
37+98.86	14	1

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+42.50	0	0
10+50.00	2	72
11+00.00	79	487
11+50.00	631	42
12+00.00	758	317
12+50.00	194	418
13+00.00	0	340
13+50.00	0	470
14+00.00	0	486
14+50.00	729	306
15+00.00	1896	87
15+27.37	1451	1
15+50.00	1528	0
16+00.00	4323	0
16+27.99	2784	0
16+50.00	2258	0
17+00.00	5203	0
17+50.00	5491	0
18+00.00	5260	0
18+50.00	3701	0
19+00.00	1602	11
19+50.00	428	11
20+00.00	231	0

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	0	0
12+00.00	0	244
12+50.00	0	425
13+00.00	0	530
13+50.00	0	505
13+73.21	0	184
14+00.00	0	190
14+30.29	2	137
14+50.00	5	37
15+00.00	28	78
15+50.00	28	61
16+00.00	21	44
16+50.00	56	22

Station Dr1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
10+75.00	0	159

Station Dr2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.00	0	0
11+00.00	0	207
11+13.00	0	111

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	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

3010
3000
2990
2980
2970

4:1 4:1

EX. SE

2986.72

2992.06

25+00.00

3010
3000
2990
2980
2970

EX. SE

2993.30

24+50.00

3030
3020
3010
3000
2990
2980
2970

2994.54

24+00.00

-L-

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

06-NOV-2013 09:19
N:\Roadway\CS\K5002_rdy_xpl1_mod.dgn
$$$$USER
$$$$DATE

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-2

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

2990
2980
2970
2980
2970
2980
2970
2980
2970
2990
2980
2970
3020
3010
3000
2990
2980
2970

6:1 2981.66 6:1

2985.16

27+50.00

6:1 2983.10 6:1

2986.81

27+00.00

6:1 2984.54 6:1

2988.17

26+50.00

6:1 2985.98 6:1

2989.50

26+00.00

REST AREA EXIT

SHEAR -Y-

2990.80

25+50.00

-L-

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

06-NOV-2013 09:19
$$$$USERNAME$$$$
$$$$DESIGNFILE$$$$ k5002_rdy_xpl_1_mod.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-3

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

2980
2970
2960

6:1 2973.02 6:1

2978.21

30+50.00

4:1 2974.46 6:1

2978.87

30+00.00

4:1 2975.90 6:1

2980.09

29+50.00

6:1 2977.34 6:1

2981.35

29+00.00

6:1 2978.78 6:1

2982.59

28+50.00

6:1 2980.22 6:1

2983.87

28+00.00

-L-

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

06-NOV-2013 09:18
R:\Roadway\XSEC\k5002_rdy_xpl1_mod.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-4

2971.82

EX. SE

2973.14

2:1

32 + 50.00

2973.03

EX. SE

2974.42

2:1

32 + 00.00

REST AREA EXIT

SHEAR -Y-

2975.70

31 + 50.00

2976.96

31 + 00.00

-L-

06-NOV-2013 09:18
$$$$USERNAME$$$$
$$$$DGNNAME$$$$
c:\projects\k5002-rdy-xpl1_mod.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-5

2970 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 2970

2960 2960

2950 2950

EX. SE

2965.79

35 + 50.00

2970 2970

2960 2960

2980 2980

EX. SE

2967.02

35 + 00.00

2970 2970

2960 2960

2980 2980

DRIVEWAY EX. SE

2968.27

34 + 50.00

2970 2970

2960 2960

2980 2980

3:1 6:1 2966.41

EX. SE

2969.52

34 + 00.00

2970 2970

2960 2960

2980 2980

3:1 6:1 2966.16

EX. SE

2970.71

33 + 50.00

2970 2970

2960 2960

2980 2980

2970.56

5:1

EX. SE

2971.95

33 + 00.00

-L-

2970 2970

2960 2960

2950 2950

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

06-NOV-2013 09:18
$$$$USERNAME$$$$
$$$$DGNFILE$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K–5002	X–6

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

2970
2960
2950

6:1

EX. SE

2960.57

37+50.00

EX. SE

2961.90

37+00.00

EX. SE

2963.19

36+50.00

EX. SE

2964.49

36+00.00

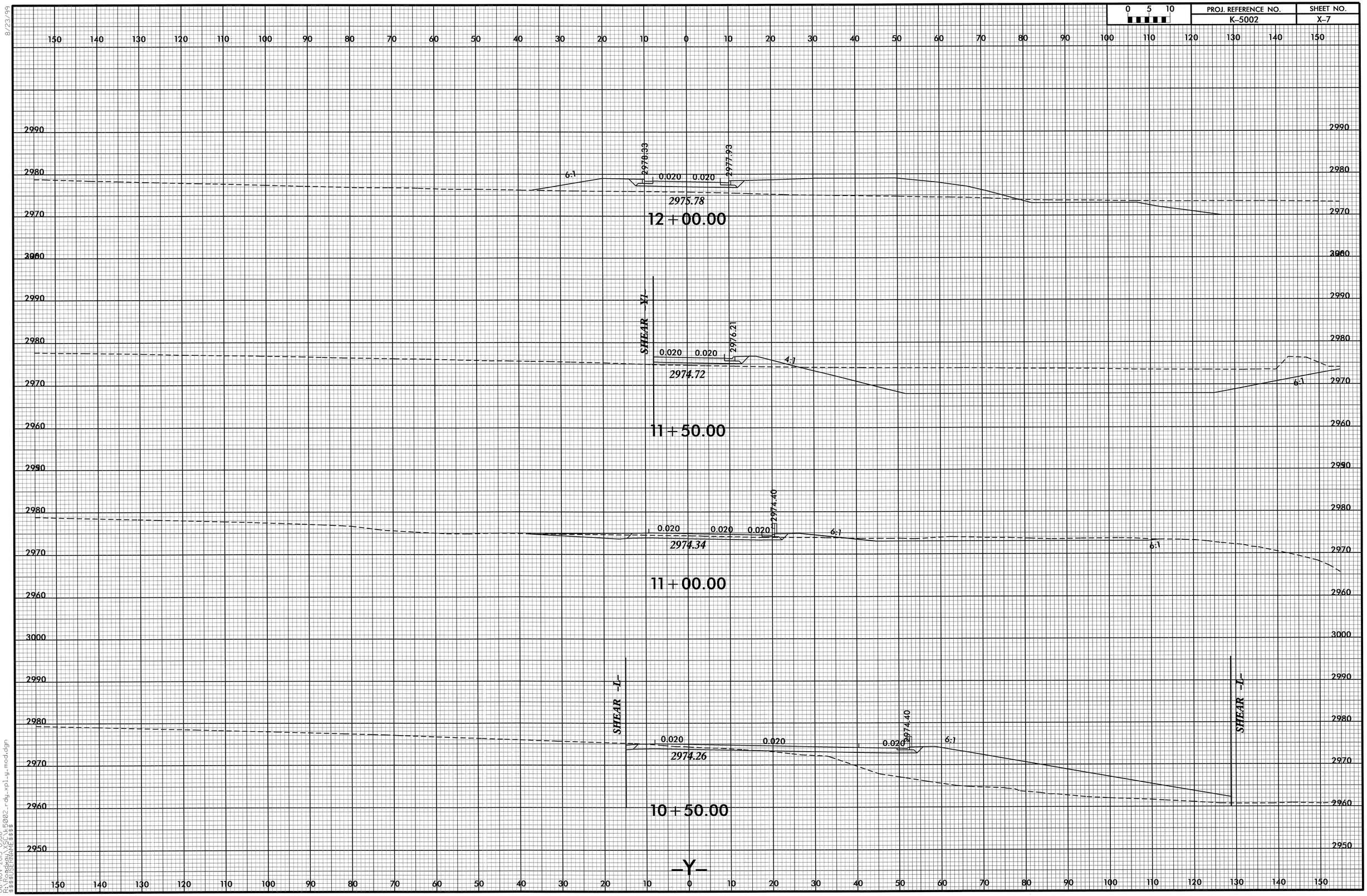
–L–

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

06-NOV-2013 09:18
R:\Roadway\CIVIL\K5002_rdy_xpl1_mod.dgn
$$$$USERNAME$$$$

8/23/99

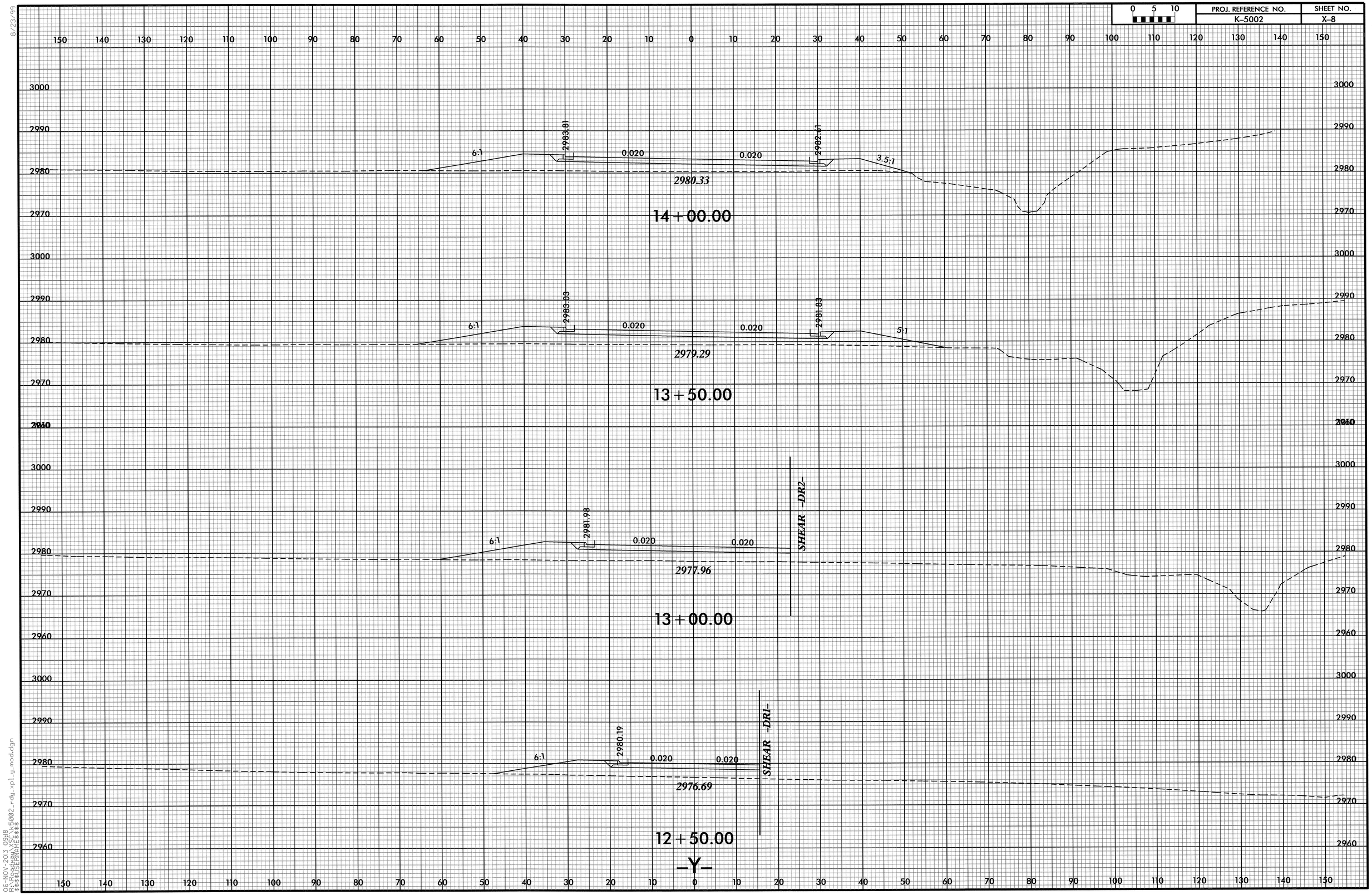
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-7



06-NOV-2013 09:18
X:\Projects\K5002_rdy-xpl-y_mod.dgn
$$$$USERNAME$$$$

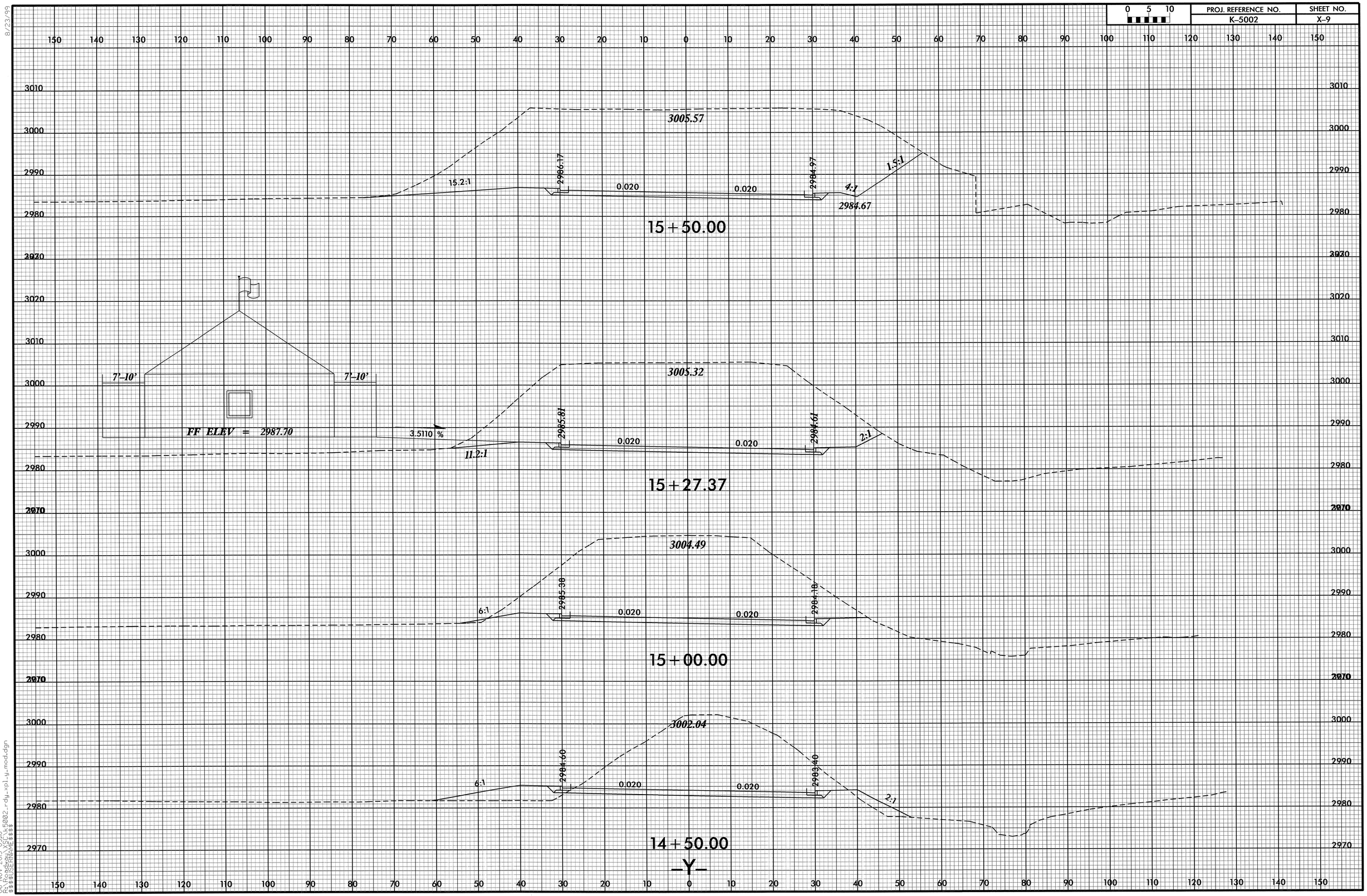
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K–5002	X–8



06-NOV-2013 09:18
R:\Roadway\SC\k5002_rdy_xpl_y_mod.dgn
$$$$USERNAME$$$$

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K–5002	X–9



8/23/99
06-NOV-2013 09:18
X:\PROJECTS\K5002_rdy_xpl_y_mod.dgn
$$$$USER
$$$$DATE
$$$$FILE

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-10

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

3050
3040
3030
3020
3010
3000
2990
2980
2970

7'-10'
7'-10'
FF ELEV = 2987.70
0.9317 %
18.4:1
2987.39
0.020
0.020
2986.19
4:1
1.5:1
2985.82
3006.12
16+27.99

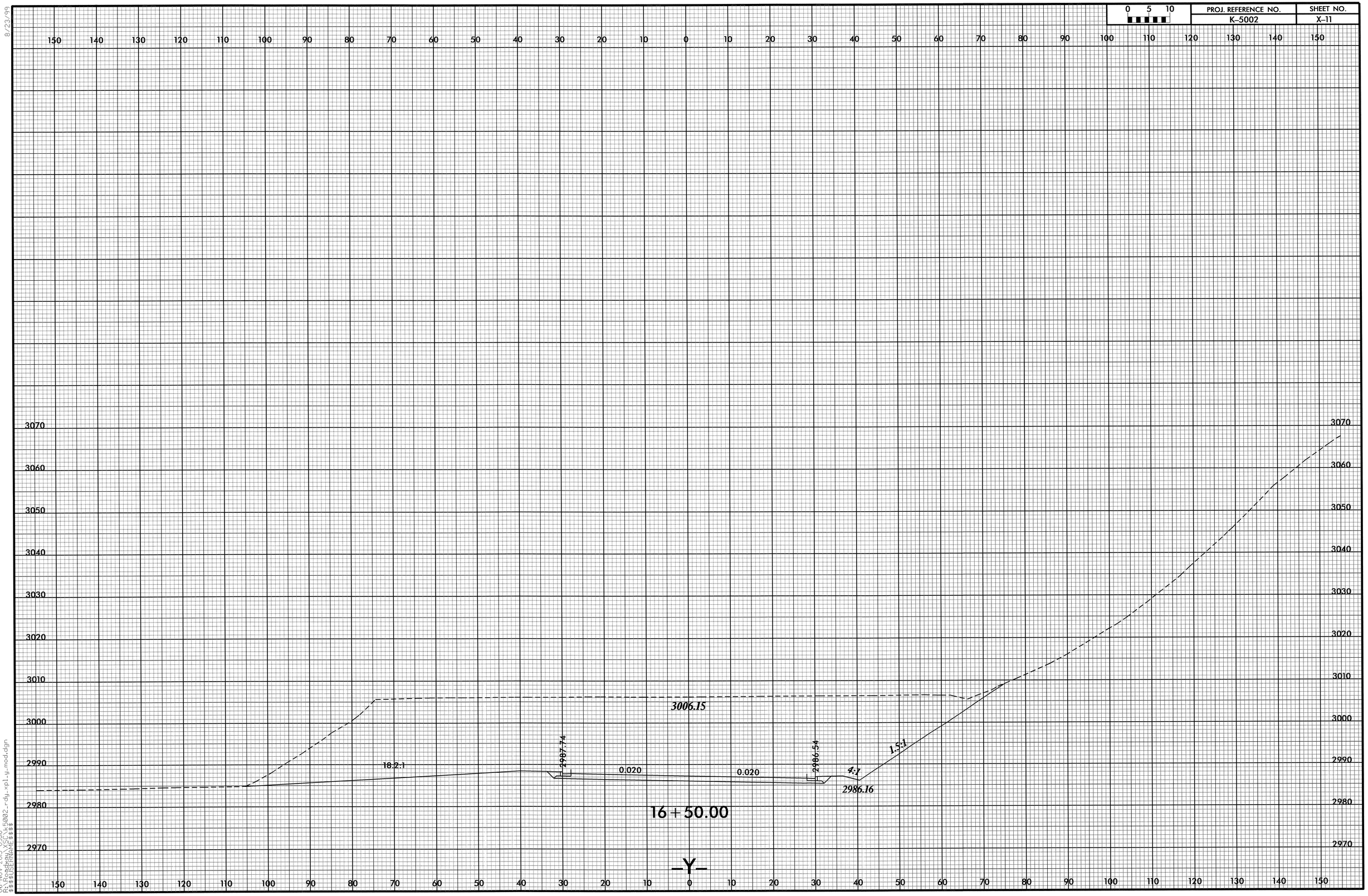
20:1
2986.95
0.020
0.020
2985.75
4:1
1.5:1
2985.38
3006.05
16+00.00

-Y-

06-NOV-2013 09:18
$$$

8/23/99

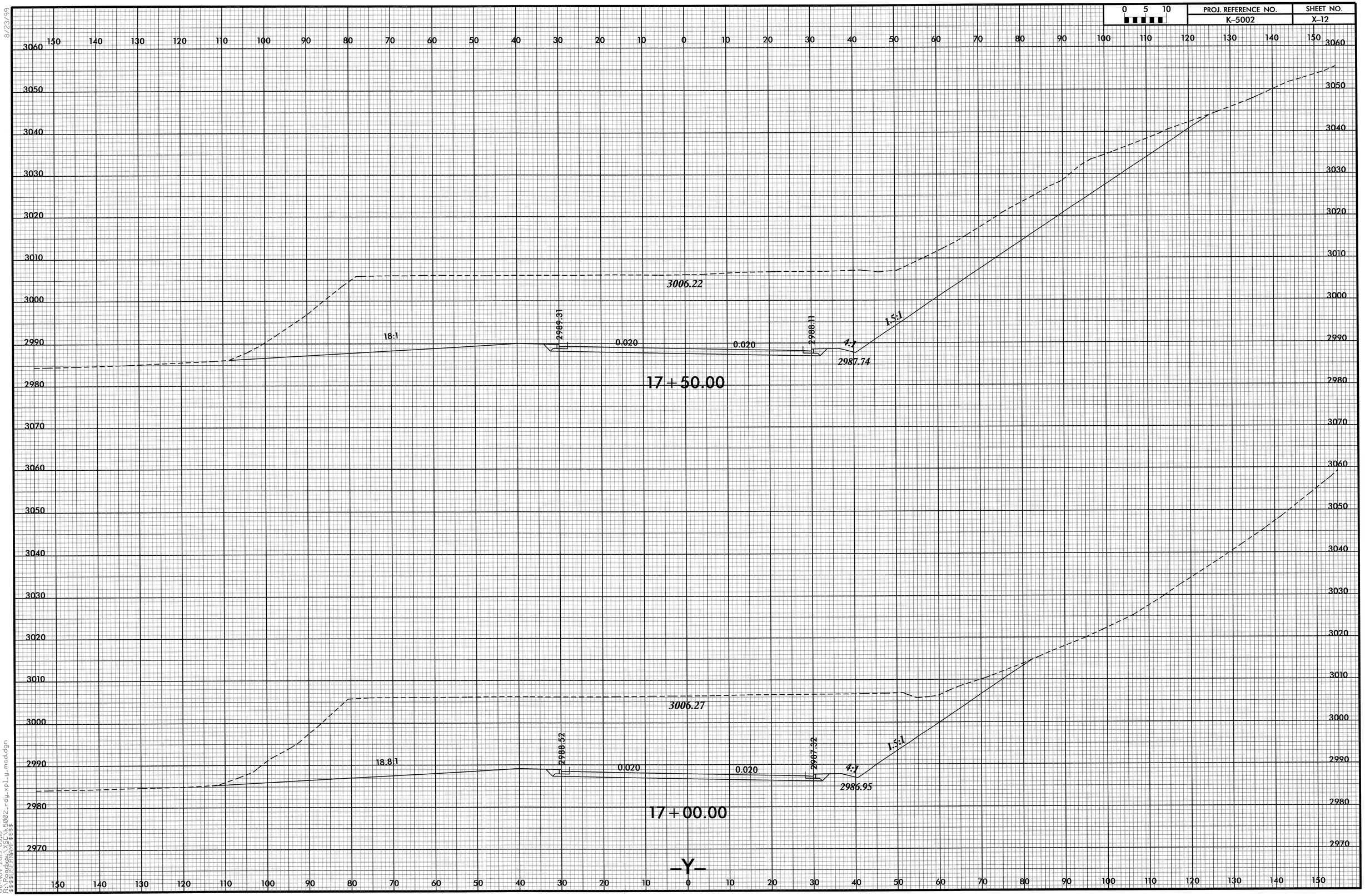
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-11



06-NOV-2013 09:18
X:\PROJECTS\K-5002\rdy\xpl_y_mod.dgn
$$$$USERNAME$$$$

8/23/99

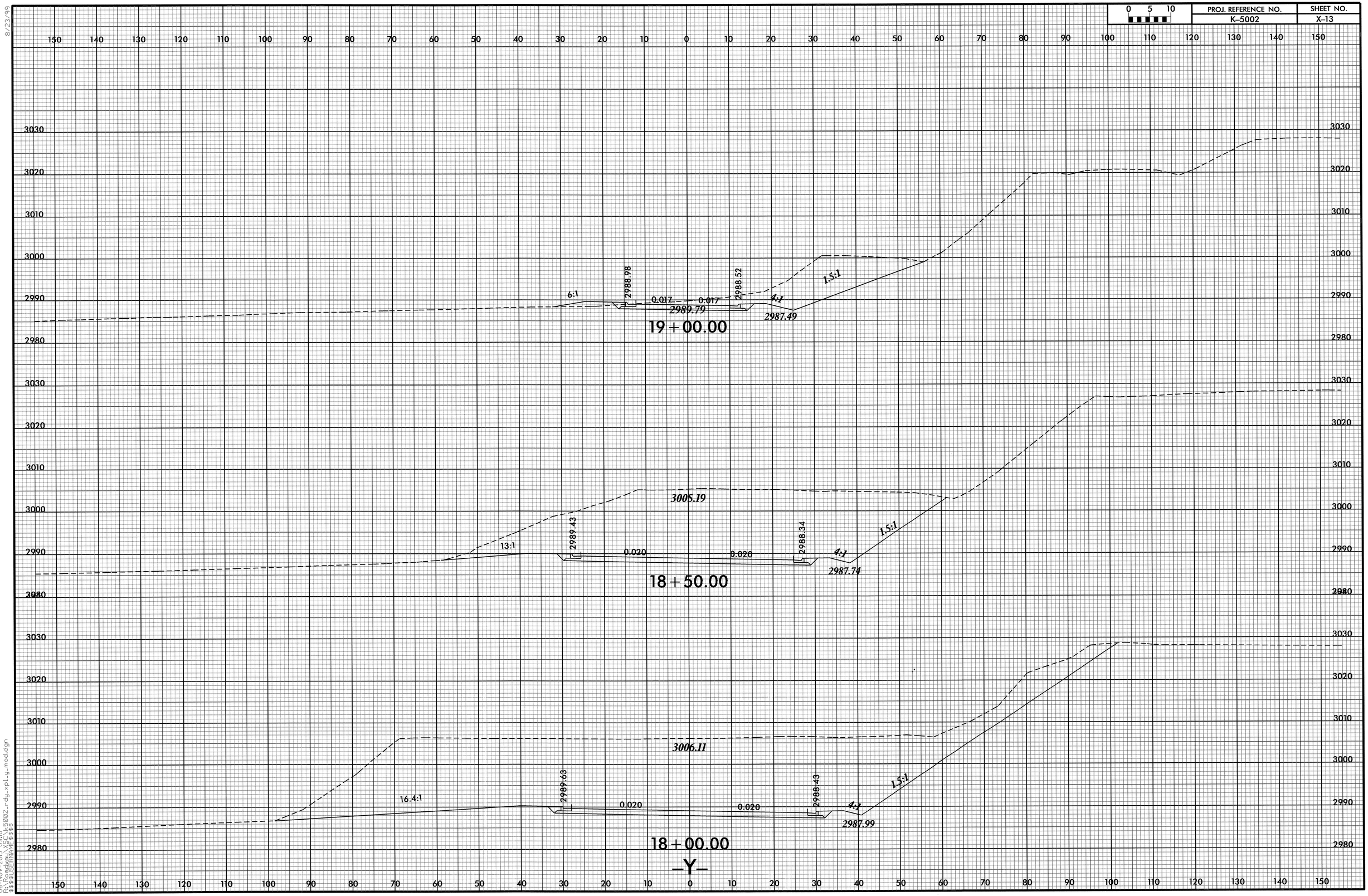
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-12



06-NOV-2013 09:18
X:\$$$$\PROJECTS\K5002_rdy_xpl_y_mod.dgn
$$$$USER$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-13



06-NOV-2013 09:18
R:\Roadway\K5002_rdy_xpl-y_mod.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-14

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

3020
3010
3000
2990
2980
3030
3020
3010
3000
2990
2980

SHEAR -Y1-

0.020 — 0.020
2989.55
4:1
1.5:1
2986.99

20+00.00

2988.44
2988.71
0.014 — 0.014
2989.85
4:1
1.5:1
2987.24

19+50.00

-Y-

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

3020
3010
3000
2990
2980

06-NOV-2013 09:18
K:\projects\K5002_rdy_xpl-y_mod.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-15

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

3000 2990 2980 2970 2960

6:1 0.020 0.020 6:1

2982.60 2983.80

2980.61

13+50.00

6:1 0.020 0.020 6:1

2981.73 2982.93

2979.20

13+00.00

6:1 0.020 0.020 6:1

2981.20 2981.60

2977.48

12+50.00

6:1 0.005 0.005 6:1

2979.29 2979.39

2976.22

12+00.00

6:1 0.020 0.020

2977.09

SHEAR -Y-

2975.18

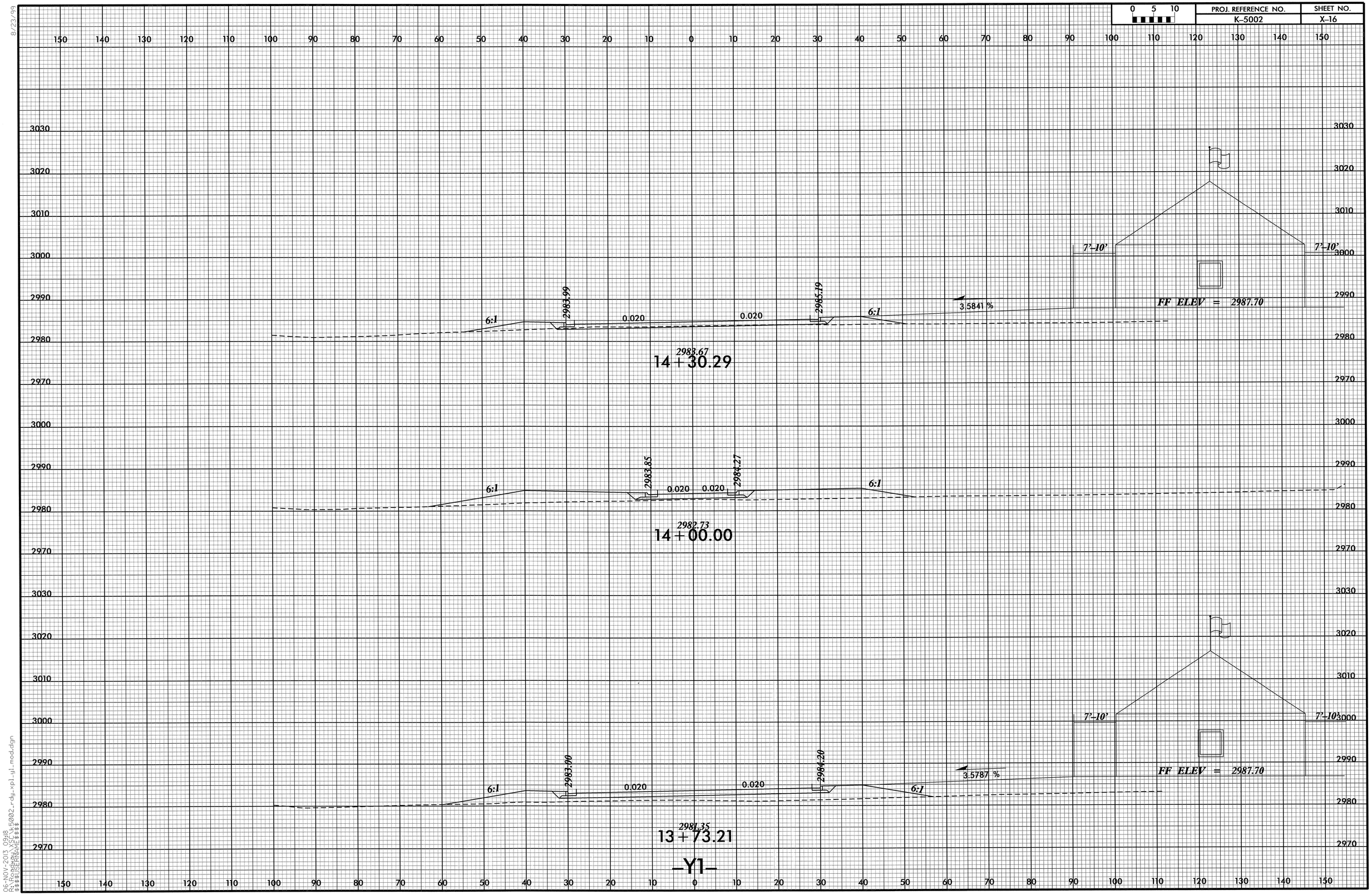
11+50.00

-Y1-

06-NOV-2013 09:18
$$$$USERNAME$$$$
$$$$DGNFILE$$$$

8/23/99

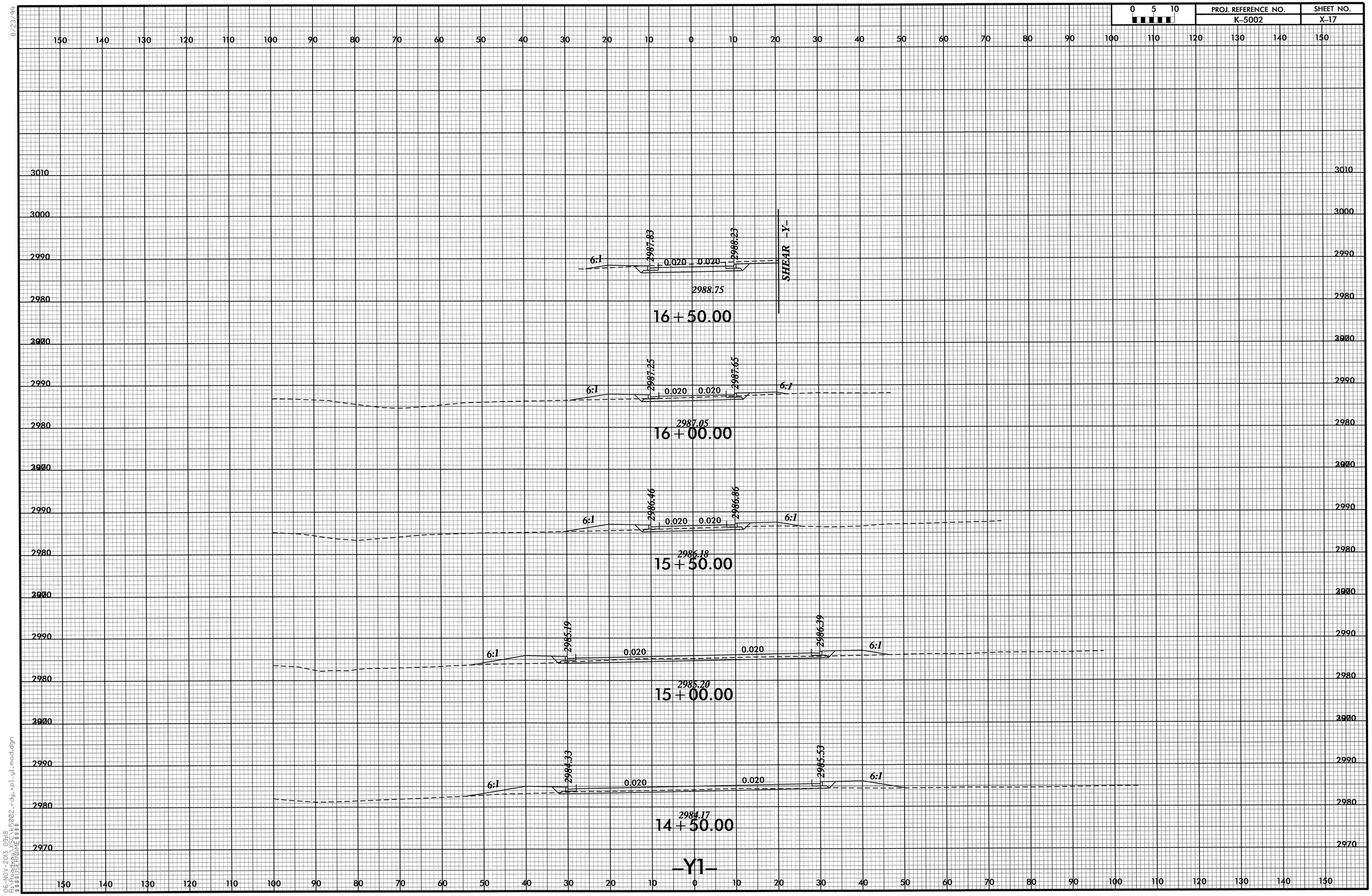
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-16



06-NOV-2013 09:18
$(s):Standard
$(s):K5002_rdy_xpl_yl_mod.dgn
$(s):K5002_rdy_xpl_yl_mod.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-17



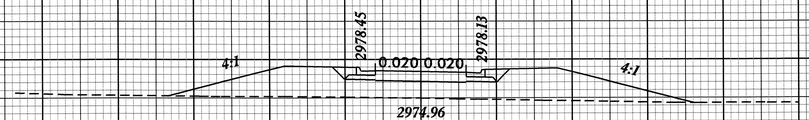
06-NOV-2013 09:18
R:\Roadway\xs\k5002_rdy_xpl_y1_mod.dgn
$$$$USERNAME$$$$

8/23/99

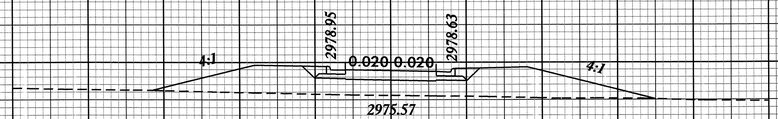
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-18

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

2990
2980
2970



10+75.00



10+50.00

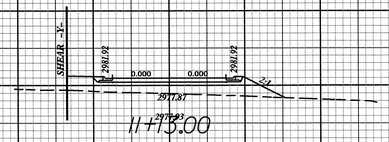
10+25.00

-DR1-

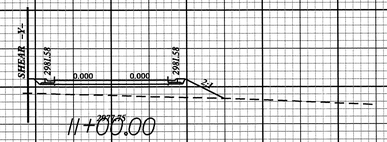
06-NOV-2013 09:18
R:\Roadway\XSEC\K5002_rdy_xpl_dr1.dgn
$$$$USERNAME$$$$

8/23/99

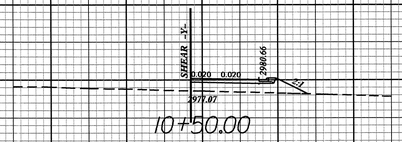
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	K-5002	X-19



11+15.00



11+00.00



10+50.00

-DR2-

26-NOV-2013 15:35
$$$$USERNAME$$$$