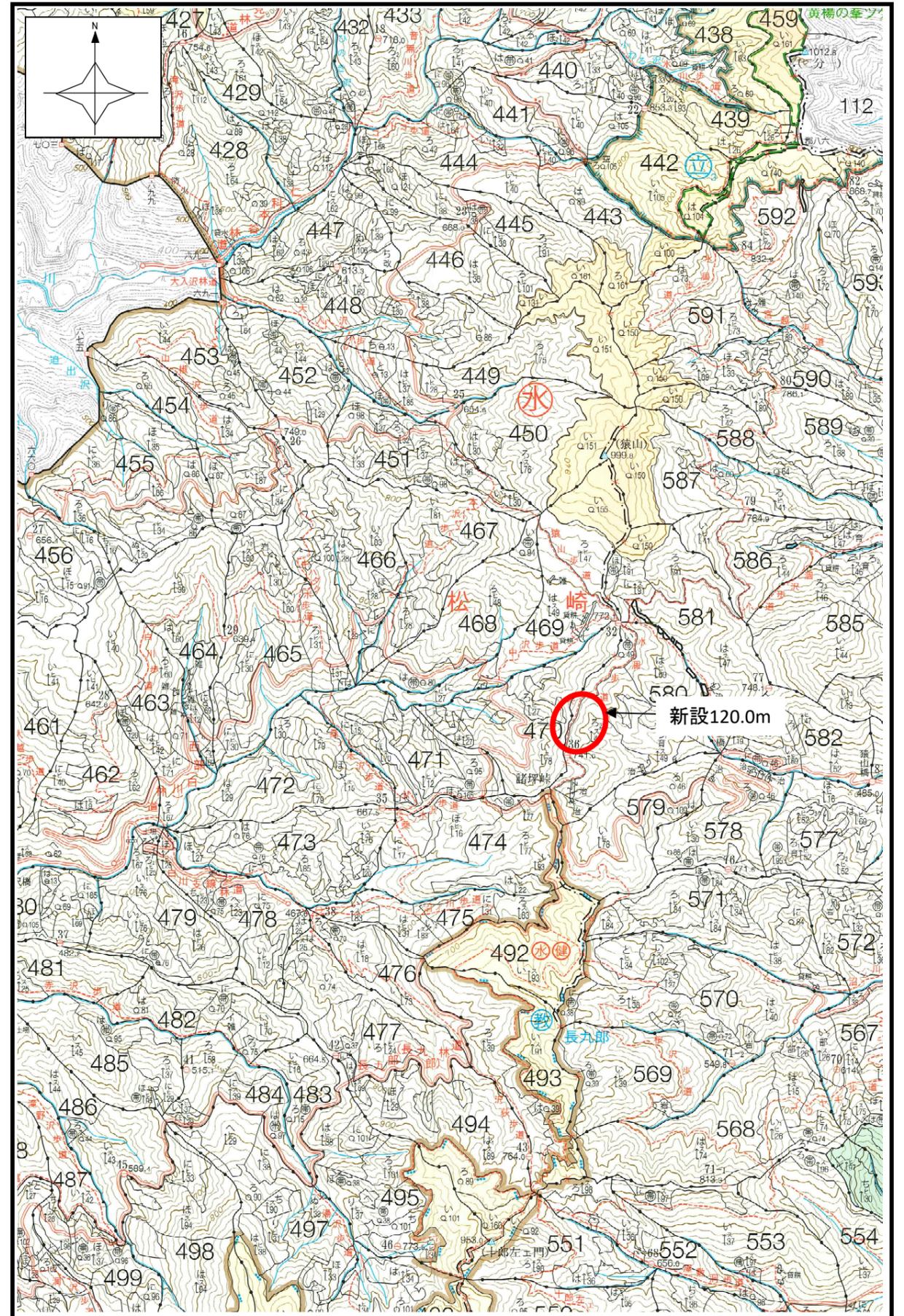


令和7年度

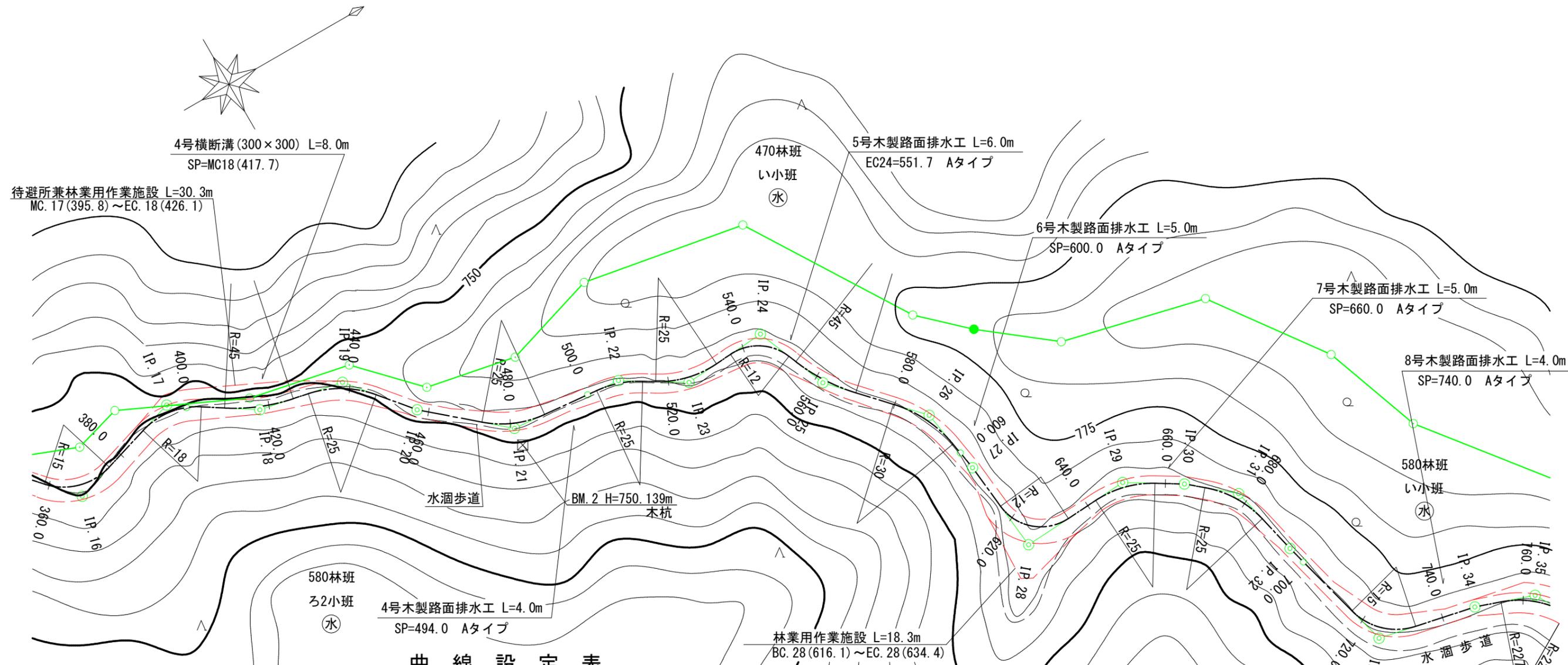
長九郎(猿山)林業専用道新設工事(R7補正)

設計図

伊豆森林管理署  
関東森林管理局



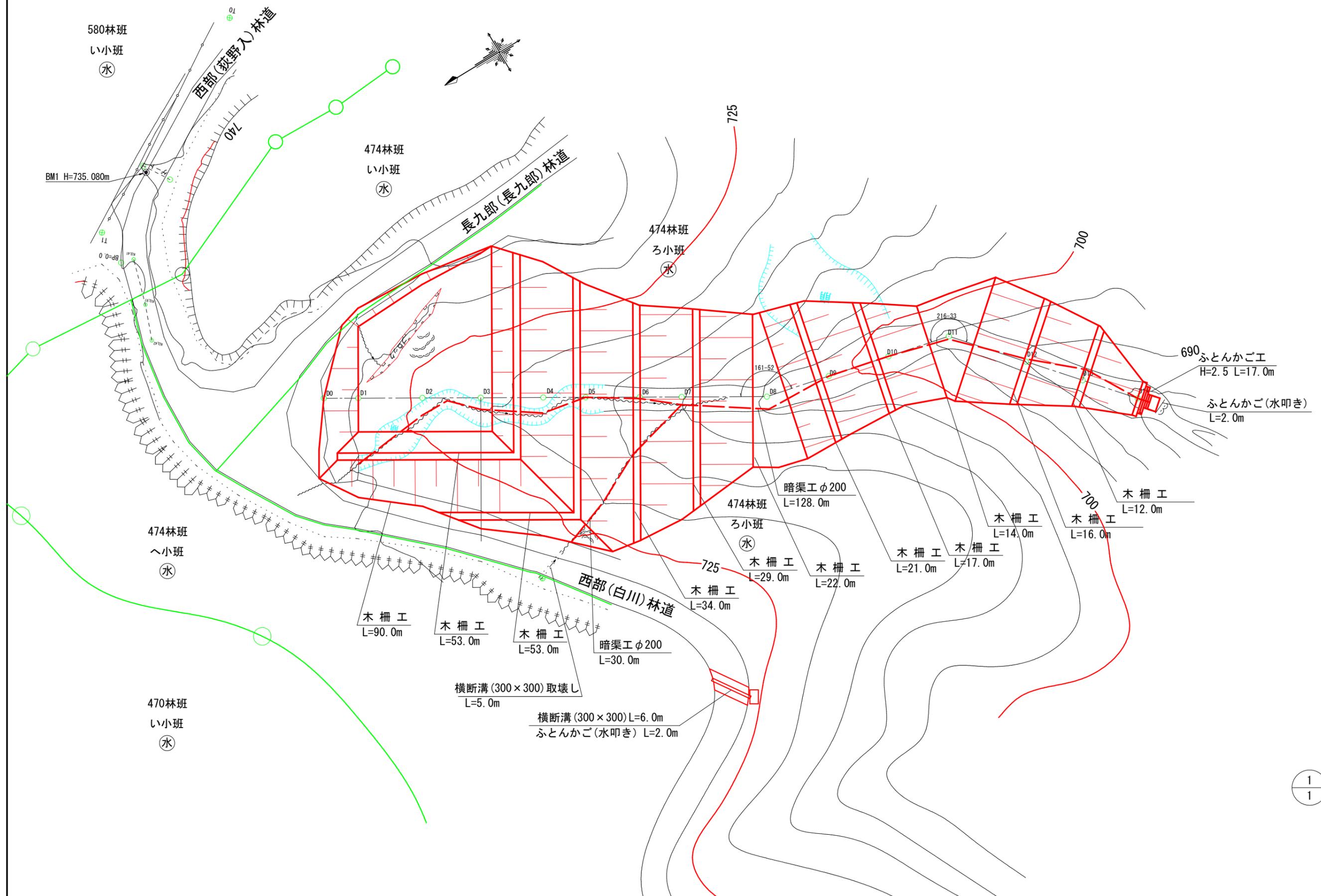




曲線設定表

| IPNO | D    | N-A    | A      | IA    | R  | T.L  | S.L | C.L  | B.C   | M.C   | E.C   | MEMO |
|------|------|--------|--------|-------|----|------|-----|------|-------|-------|-------|------|
| 16   | 24.4 | 342-44 | 114-48 | 65-12 | 15 | 9.6  | 2.8 | 17.1 | 358.8 | 367.4 | 375.9 |      |
| 17   | 30.0 | 32-58  | 230-14 | 50-14 | 18 | 8.4  | 1.9 | 15.8 | 387.9 | 395.8 | 403.7 |      |
| 18   | 22.5 | 11-36  | 158-38 | 21-22 | 45 | 8.5  | 0.8 | 16.8 | 409.3 | 417.7 | 426.1 |      |
| 19   | 21.0 | 50-10  | 218-34 | 38-34 | 25 | 8.7  | 1.5 | 16.8 | 429.9 | 438.3 | 446.7 |      |
| 20   | 19.2 | 40-48  | 170-38 | 9-22  | -  | -    | -   | -    | -     | 457.2 | -     |      |
| 21   | 23.9 | 5-20   | 144-32 | 35-28 | 25 | 8.0  | 1.3 | 15.5 | 473.1 | 480.9 | 488.6 |      |
| 22   | 27.6 | 31-29  | 206-09 | 26-09 | 25 | 5.8  | 0.7 | 11.4 | 502.4 | 508.1 | 513.8 |      |
| 23   | 17.0 | 355-56 | 144-27 | 35-33 | 25 | 8.0  | 1.3 | 15.5 | 517.0 | 524.8 | 532.5 |      |
| 24   | 20.8 | 67-54  | 251-58 | 71-58 | 12 | 8.7  | 2.8 | 15.1 | 536.6 | 544.2 | 551.7 |      |
| 25   | 19.1 | 47-02  | 159-08 | 20-52 | 45 | 8.3  | 0.8 | 16.4 | 553.8 | 562.0 | 570.2 |      |
| 26   | 26.8 | 80-26  | 213-24 | 33-24 | 30 | 9.0  | 1.3 | 17.5 | 579.7 | 588.5 | 597.2 |      |
| 27   | 16.4 | 83-57  | 183-31 | 3-31  | -  | -    | -   | -    | -     | 604.6 | -     |      |
| 28   | 23.0 | 356-31 | 92-34  | 87-26 | 12 | 11.5 | 4.6 | 18.3 | 616.1 | 625.3 | 634.4 |      |
| 29   | 27.2 | 31-17  | 214-46 | 34-46 | 25 | 7.8  | 1.2 | 15.2 | 642.3 | 649.9 | 657.5 |      |
| 30   | 14.9 | 40-08  | 188-51 | 8-51  | -  | -    | -   | -    | -     | 664.6 | -     |      |
| 31   | 13.3 | 76-51  | 216-43 | 36-43 | 25 | 8.3  | 1.3 | 16.0 | 669.6 | 677.6 | 685.6 |      |
| 32   | 18.1 | 75-16  | 178-25 | 1-35  | -  | -    | -   | -    | -     | 695.4 | -     |      |
| 33   | 30.5 | 11-55  | 116-39 | 63-21 | 15 | 9.3  | 2.6 | 16.6 | 716.6 | 724.9 | 733.2 |      |
| 34   | 24.3 | 19-04  | 187-09 | 7-09  | -  | -    | -   | -    | -     | 748.2 | -     |      |

# 1号林業用作業施設平面図 S=1:500

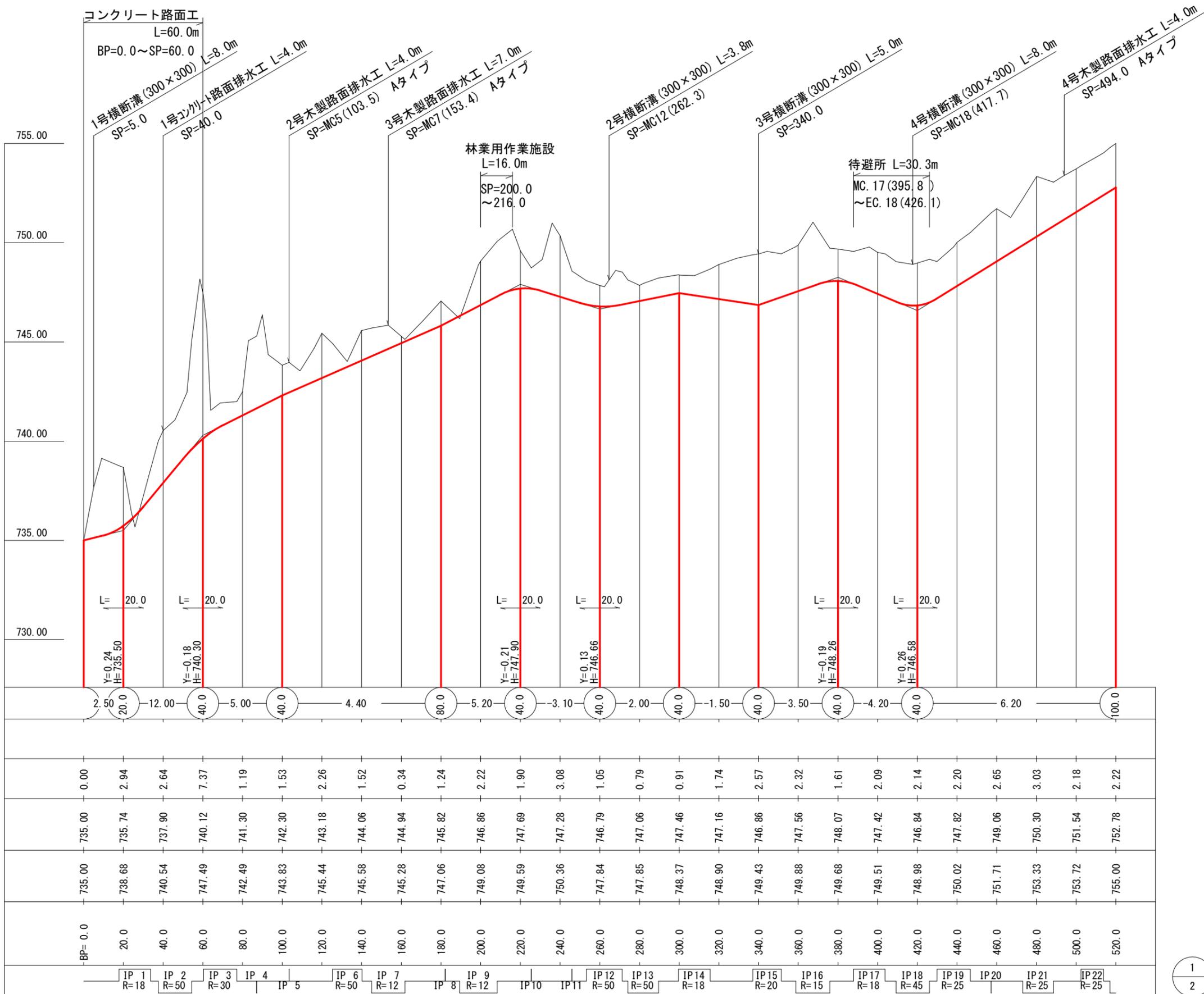


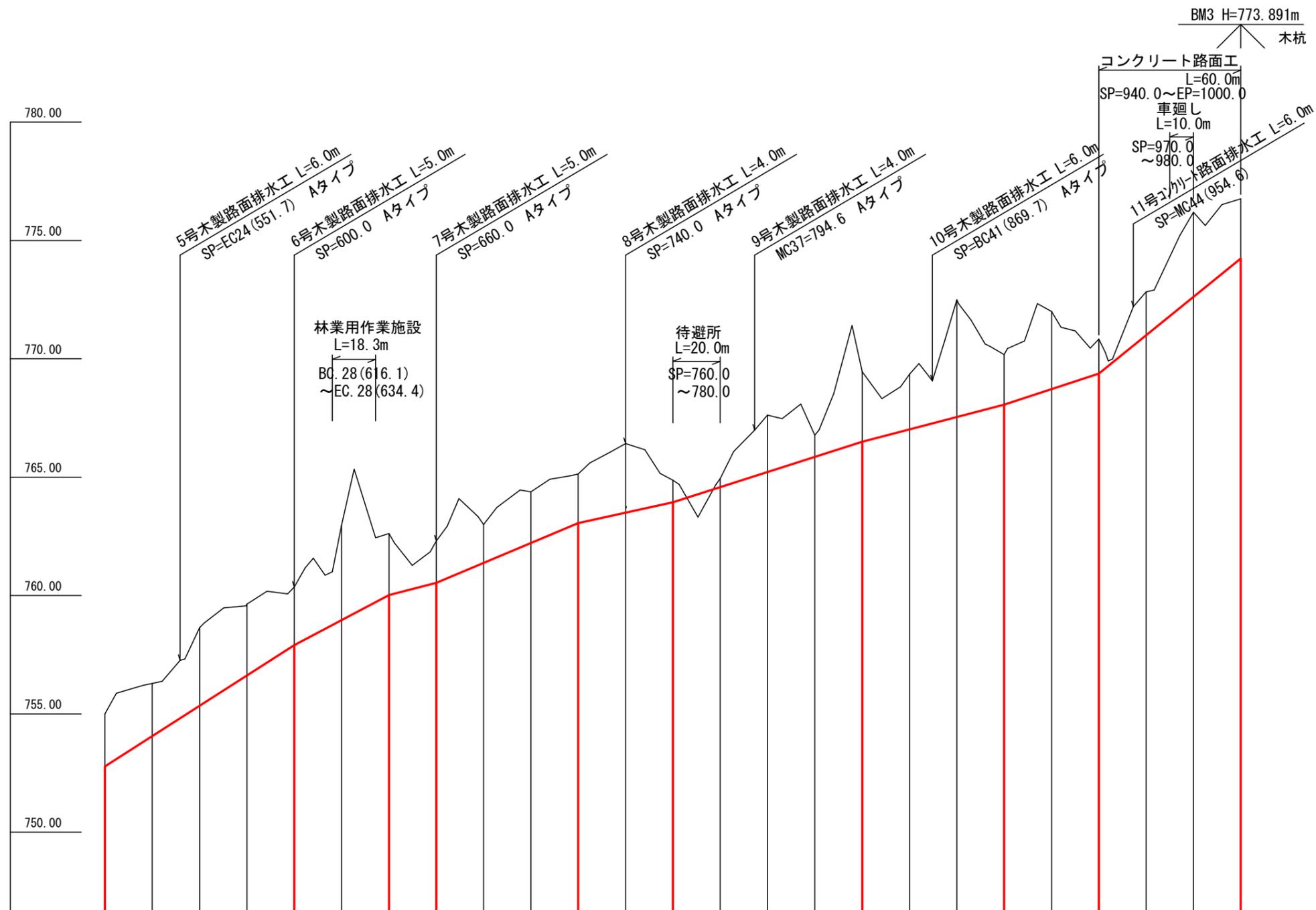
# 縦断面図縮尺

縦横 二〇〇分之二

BM1 H=735.081m  
木杭

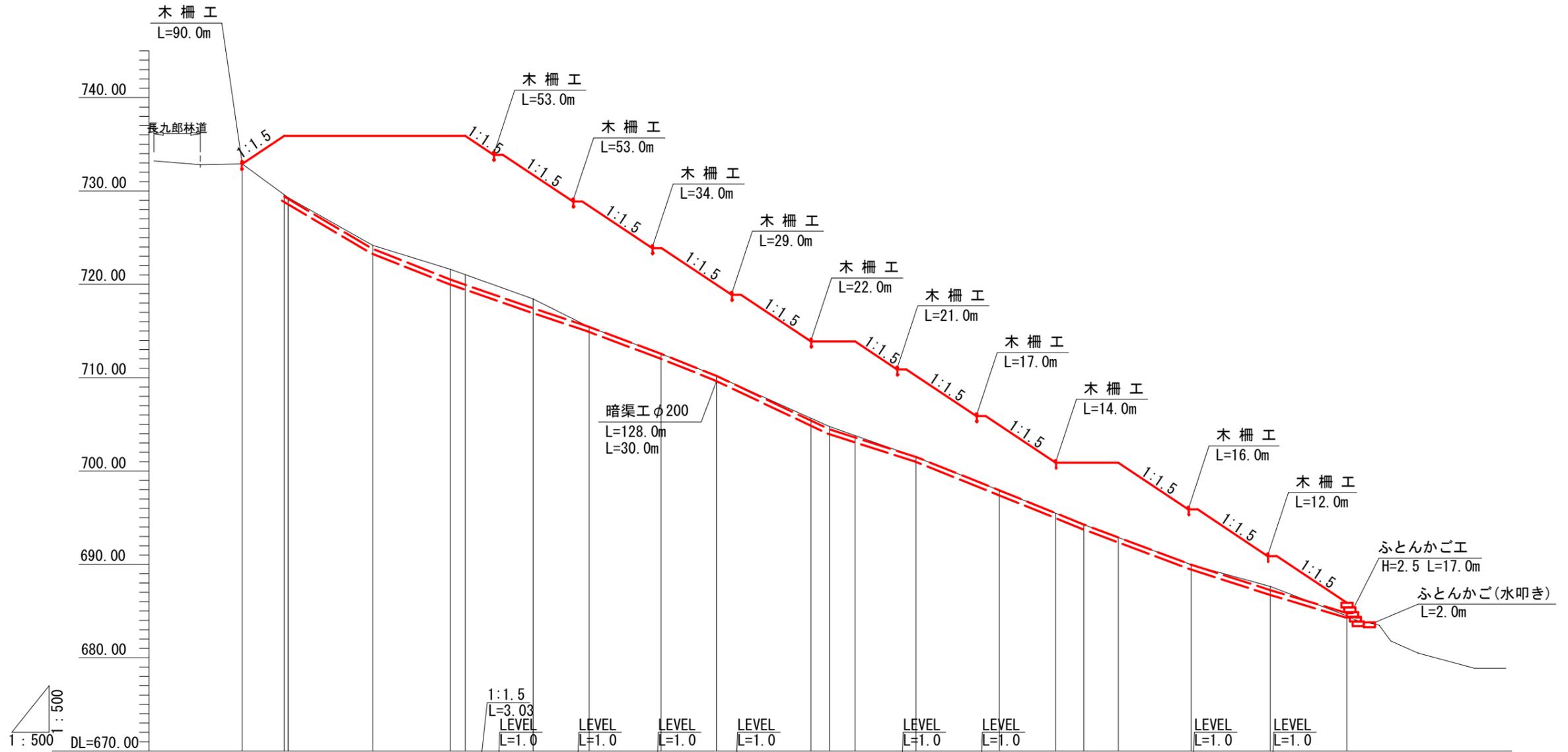
BM2 H=750.139m  
木杭





|       |              |              |              |              |        |              |              |              |              |        |              |        |              |              |        |              |        |              |              |              |              |              |              |        |        |
|-------|--------------|--------------|--------------|--------------|--------|--------------|--------------|--------------|--------------|--------|--------------|--------|--------------|--------------|--------|--------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|--------|--------|
| 勾配    | 100.0        | 6.40         | 80.0         | 5.30         | 40.0   | 2.60         | 20.0         | 4.20         | 60.0         | 2.20   | 40.0         | 3.20   | 80.0         | 2.60         | 60.0   | 3.30         | 40.0   | 8.10         | 60.0         |              |              |              |              |        |        |
| 盛土高   |              |              |              |              |        |              |              |              |              |        |              |        |              |              |        |              |        |              |              |              |              |              |              |        |        |
| 切土高   | 2.22         | 2.23         | 3.31         | 3.02         | 2.46   | 4.01         | 2.60         | 1.77         | 1.62         | 2.16   | 2.07         | 2.92   | 0.93         | 0.36         | 2.40   | 0.92         | 2.95   | 2.33         | 4.95         | 2.12         | 3.28         | 1.45         | 1.83         | 3.57   | 2.52   |
| 施工基面高 | 752.78       | 754.06       | 755.34       | 756.62       | 757.90 | 758.96       | 760.02       | 760.54       | 761.38       | 762.22 | 763.06       | 763.50 | 763.94       | 764.58       | 765.22 | 765.86       | 766.50 | 767.02       | 767.54       | 768.06       | 768.72       | 769.38       | 771.00       | 772.62 | 774.24 |
| 地盤高   | 755.00       | 756.29       | 758.65       | 759.64       | 760.36 | 762.97       | 762.62       | 762.31       | 763.00       | 764.38 | 765.13       | 766.42 | 764.87       | 764.94       | 767.62 | 766.78       | 769.45 | 769.35       | 772.49       | 770.18       | 772.00       | 770.83       | 772.83       | 776.19 | 776.76 |
| 測点    | 520.0        | 540.0        | 560.0        | 580.0        | 600.0  | 620.0        | 640.0        | 660.0        | 680.0        | 700.0  | 720.0        | 740.0  | 760.0        | 780.0        | 800.0  | 820.0        | 840.0  | 860.0        | 880.0        | 900.0        | 920.0        | 940.0        | 960.0        | 980.0  | 1000.0 |
| 曲線    | IP23<br>R=25 | IP24<br>R=12 | IP25<br>R=45 | IP26<br>R=30 | IP27   | IP28<br>R=12 | IP29<br>R=25 | IP30<br>R=25 | IP31<br>R=25 | IP32   | IP33<br>R=15 | IP34   | IP35<br>R=22 | IP36<br>R=22 | IP37   | IP38<br>R=20 | IP39   | IP40<br>R=20 | IP41<br>R=12 | IP42<br>R=25 | IP43<br>R=20 | IP44<br>R=21 | IP45<br>R=21 |        |        |

# 1号林業用作業施設 縦断面図 S=1:500



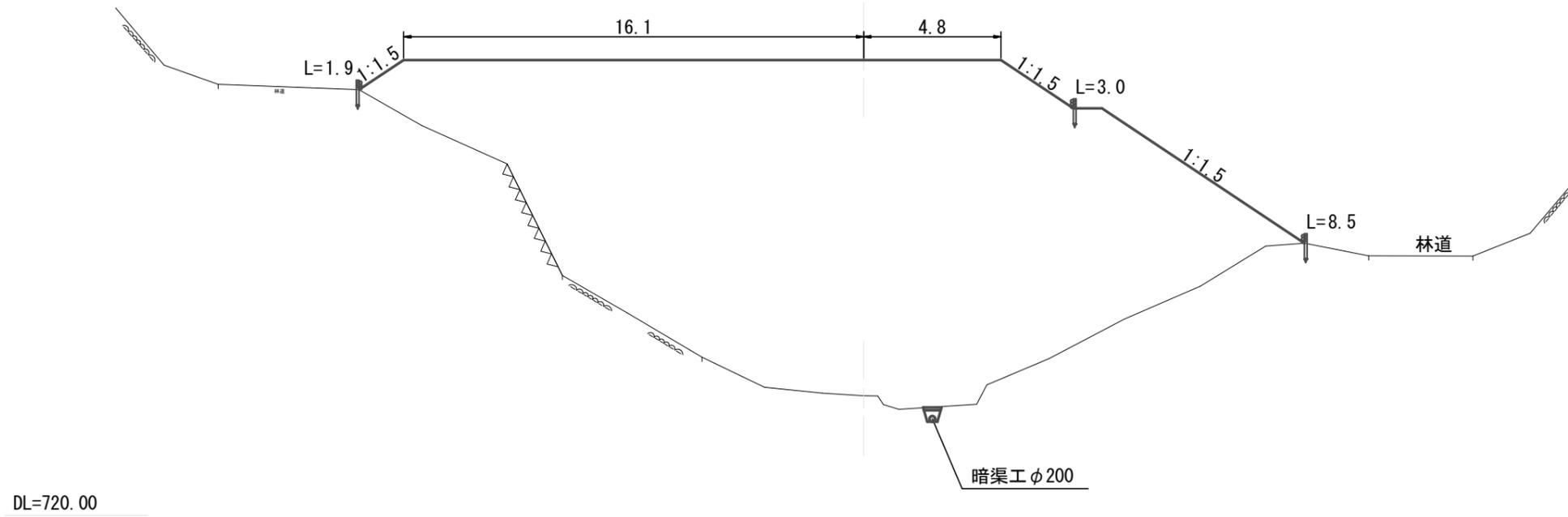
| 勾配   | 1:1.5<br>L=4.50 | LEVEL<br>L=19.4 |        | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 | LEVEL<br>L=4.73 | 1:1.5<br>L=4.5 | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 | LEVEL<br>L=6.71 | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 | 1:1.5<br>L=7.5 |        |        |        |        |        |        |
|------|-----------------|-----------------|--------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|--------|--------|--------|--------|--------|--------|
| 盛土   | 0.00            | 6.31            | 6.60   | 11.72          | 14.29          | 14.87          | 13.29          | 12.96           | 11.33          | 9.77           | 8.22           | 9.11            | 10.07          | 8.68           | 6.98           | 5.40   | 6.61   | 8.00   | 5.92   | 3.24   | 1.40   |
| 計画高  | 732.90          | 735.90          | 735.90 | 735.90         | 735.90         | 735.90         | 731.72         | 728.39          | 723.88         | 719.95         | 713.88         | 713.88          | 713.88         | 710.19         | 704.91         | 700.88 | 700.88 | 700.88 | 695.88 | 690.88 | 685.88 |
| 地盤高  | 732.90          | 729.59          | 729.30 | 724.18         | 721.61         | 721.03         | 718.43         | 715.43          | 712.55         | 710.18         | 705.66         | 704.77          | 703.81         | 701.51         | 697.93         | 695.48 | 694.27 | 692.88 | 689.96 | 687.64 | 684.48 |
| 追加距離 | 0.00            | 4.50            | 4.90   | 14.00          | 22.28          | 23.90          | 31.17          | 37.17           | 44.87          | 50.82          | 60.93          | 62.93           | 65.66          | 72.19          | 81.12          | 87.16  | 90.16  | 93.87  | 101.67 | 110.15 | 118.37 |
| 単距離  | 0.00            | 4.50            | 0.40   | 9.10           | 8.28           | 1.62           | 7.27           | 6.00            | 7.70           | 5.95           | 10.11          | 2.00            | 2.73           | 6.53           | 8.93           | 6.04   | 3.00   | 3.71   | 7.80   | 8.48   | 8.22   |
| 測点   | D0              | D1-1            | D1     | D2             | D3-1           | D3             | D4             | D5              | D6             | D7             | D8-1           | D8              | D8-2           | D9             | D10            | D11-1  | D11    | D11-2  | D12    | D13    | D14    |

# 1号林業用作業施設断面図 S=1:100

## D2

GH=724.18  
FH=735.90

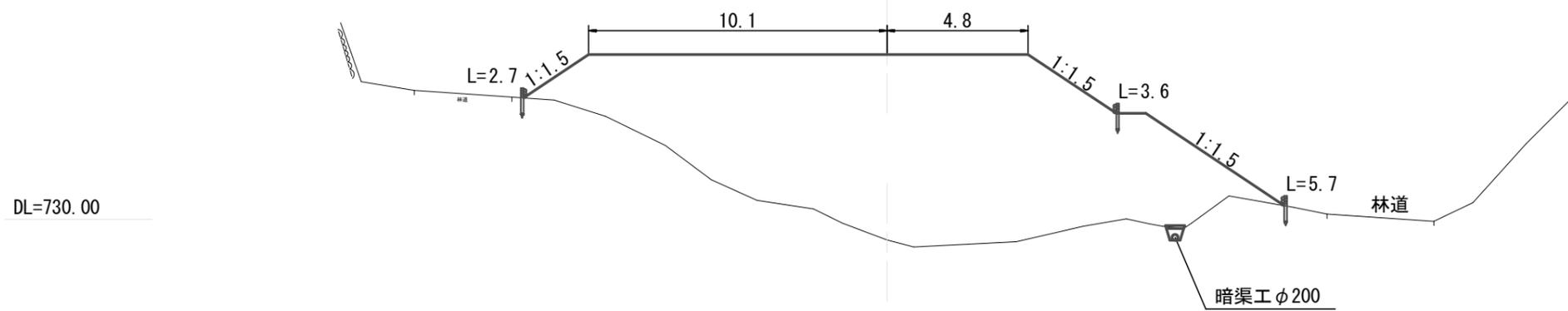
BA=246.2



## D1-1

GH=729.59  
FH=735.90

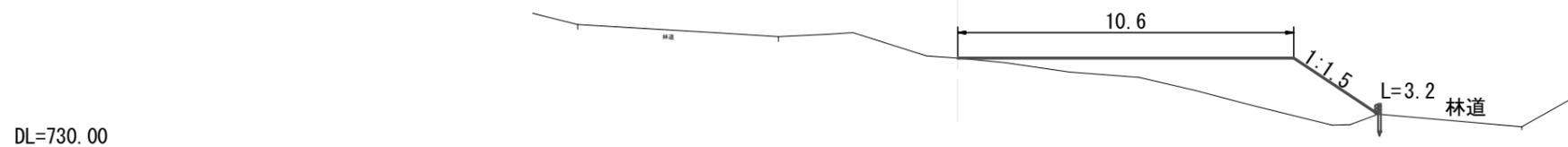
BA=103.4



## D0

GH=732.90  
FH=732.90

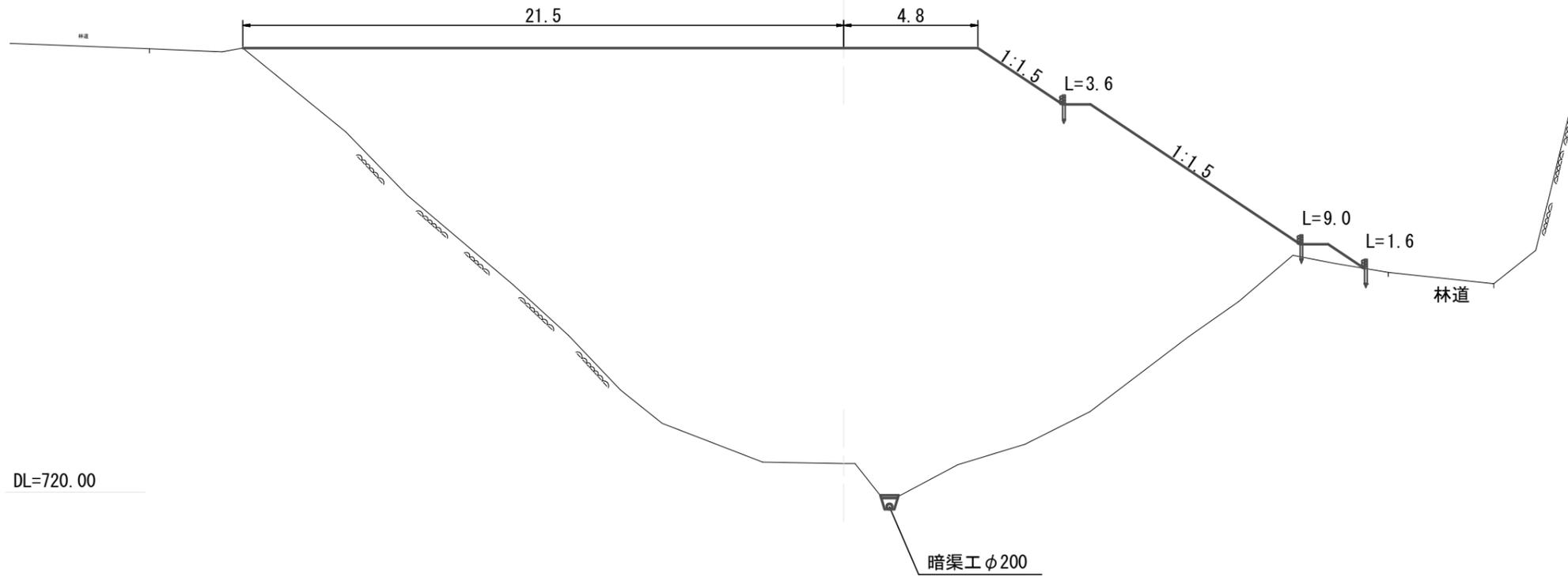
BA=10.6



### D3-1

GH=721.03  
FH=735.90

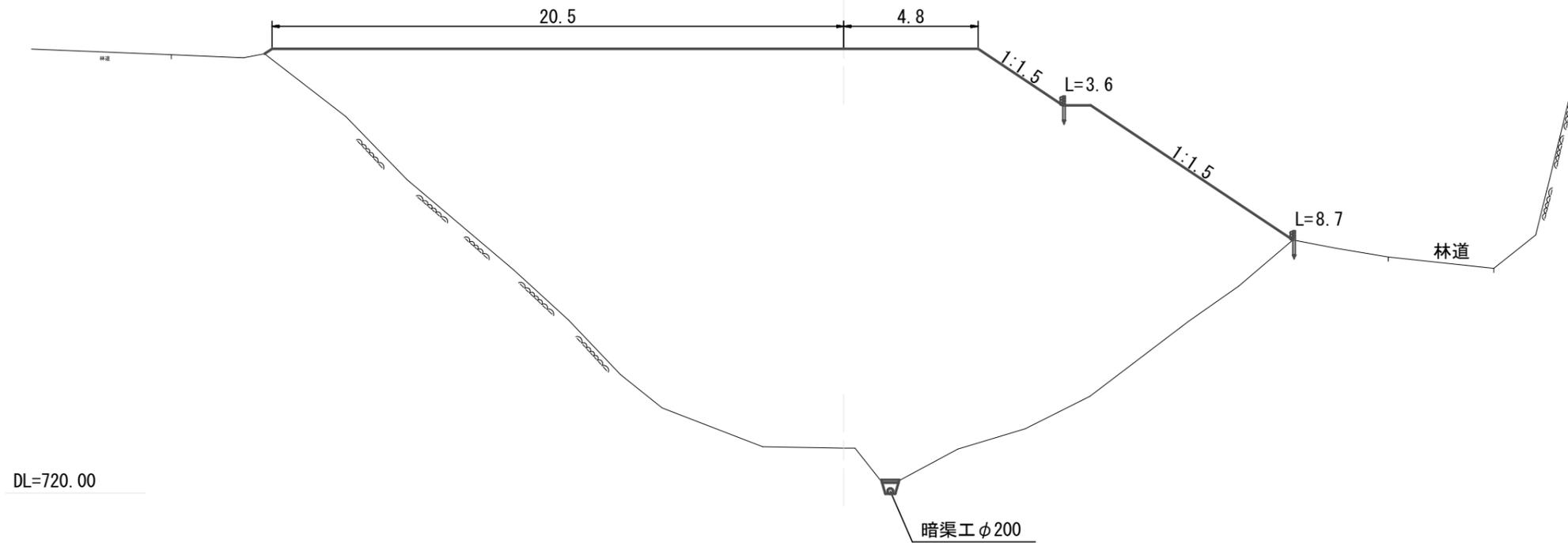
BA=361.5

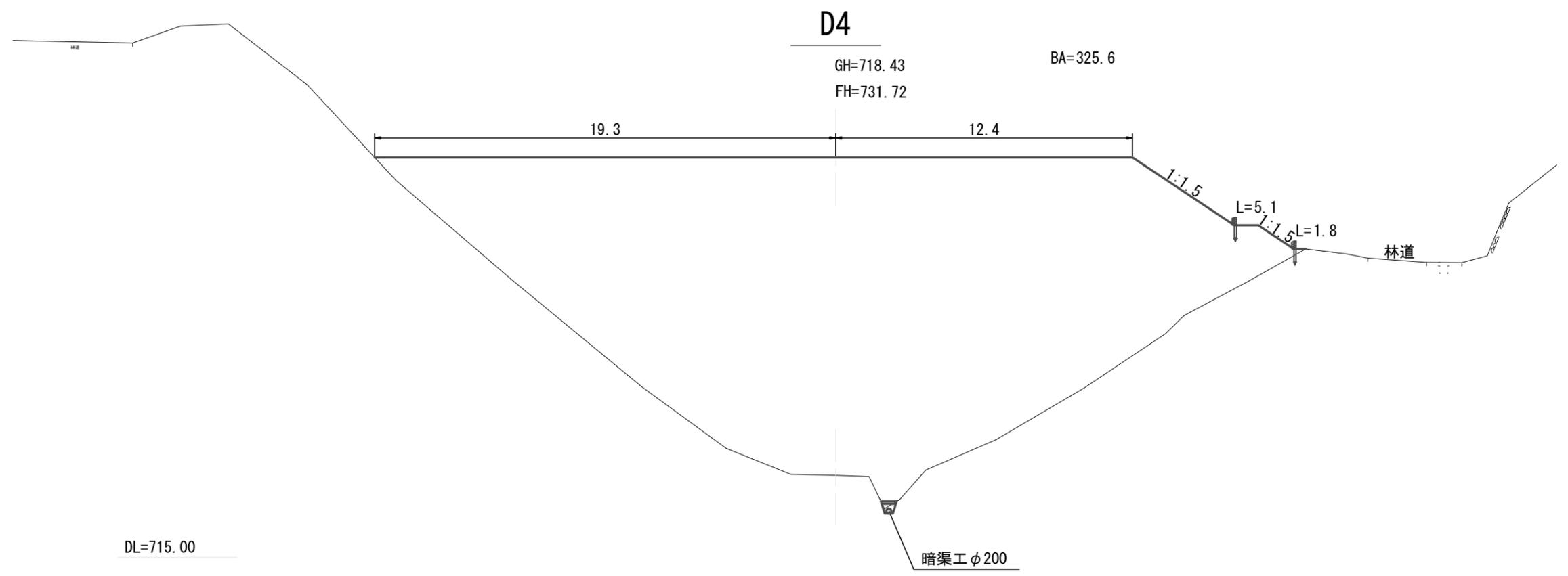
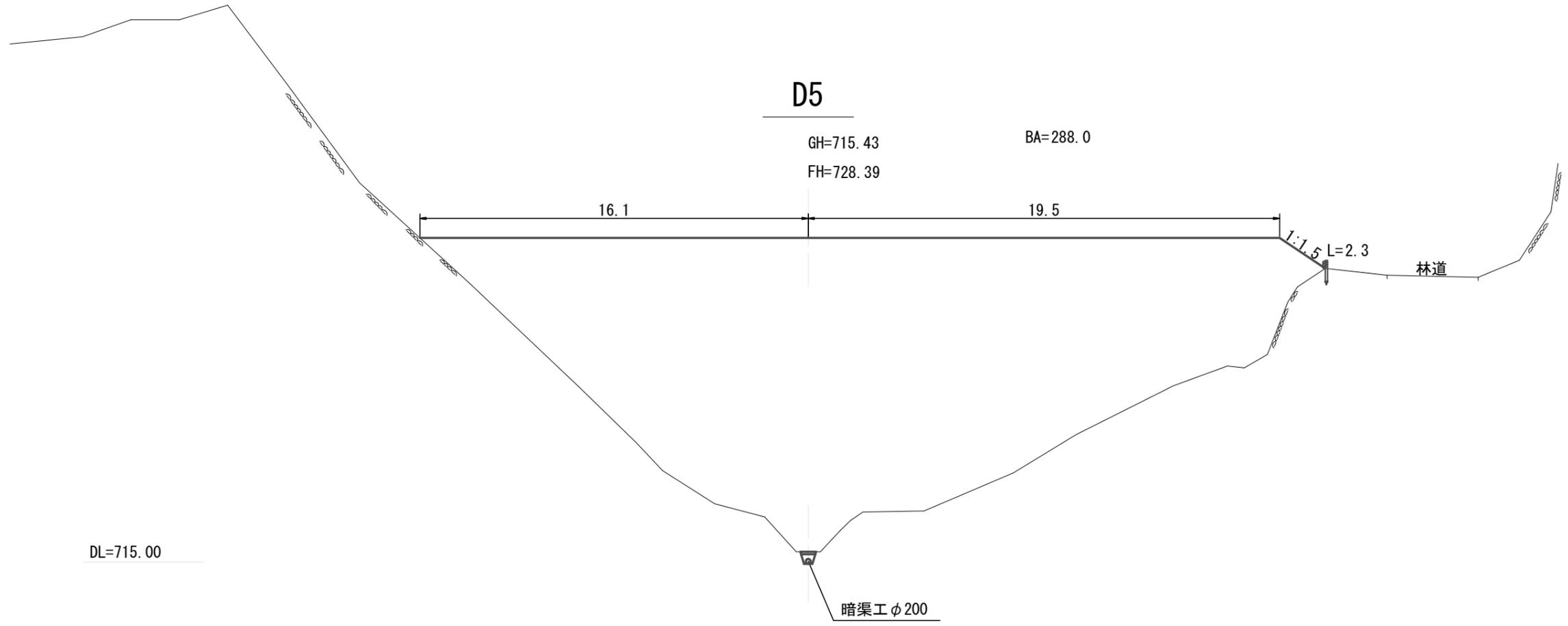


### D3

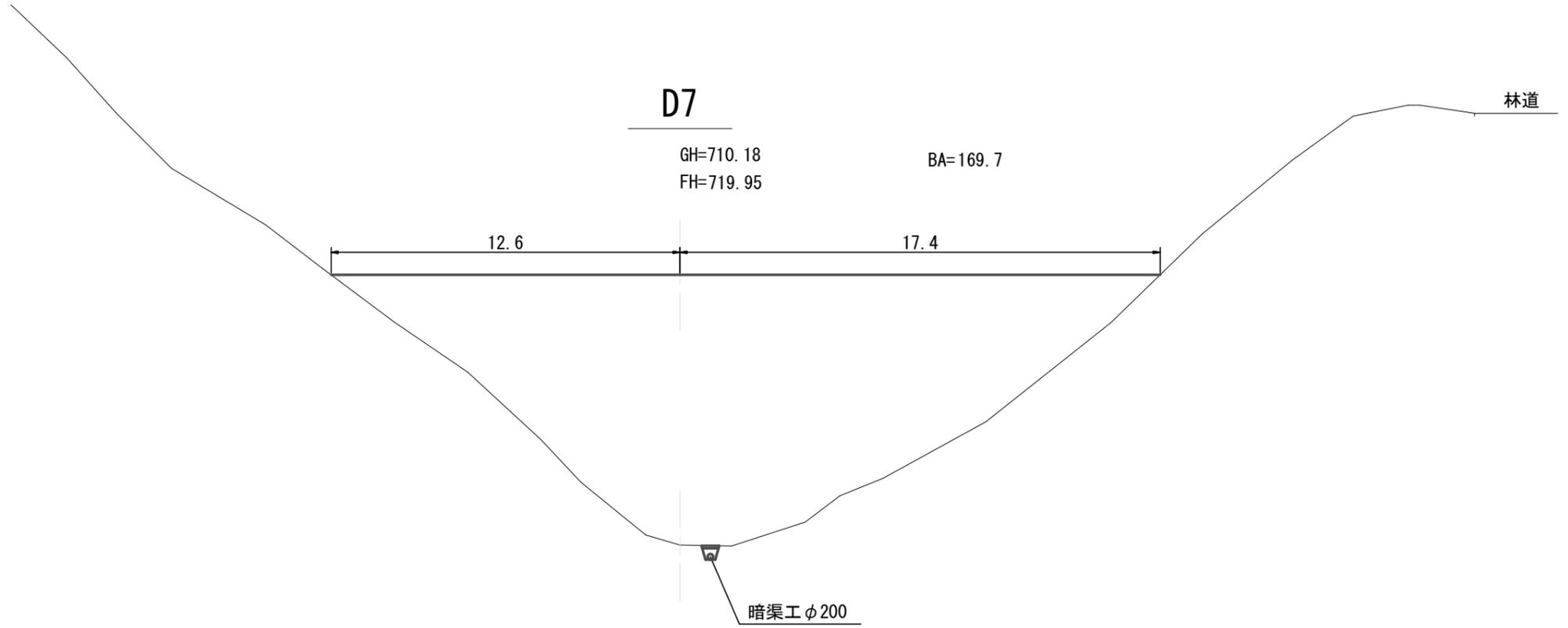
GH=721.61  
FH=735.90

BA=339.0

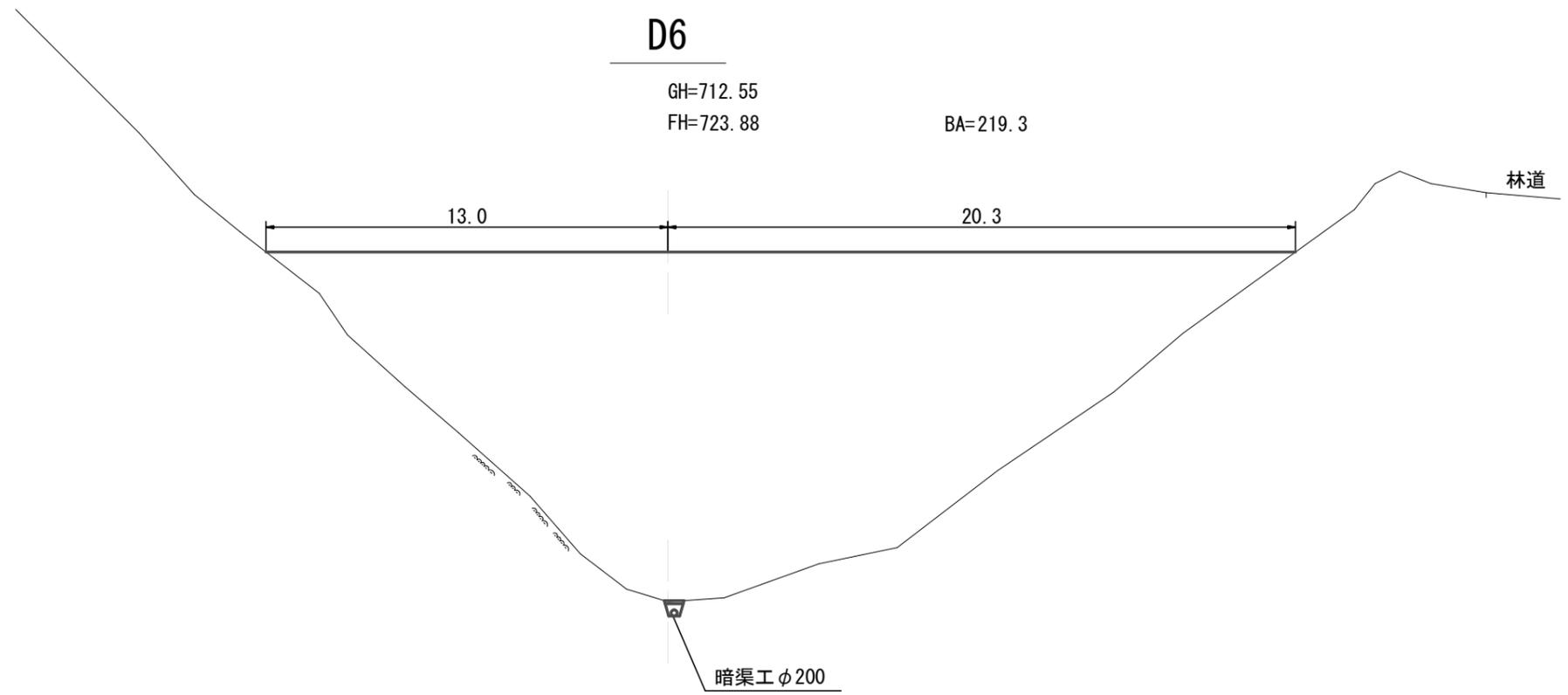


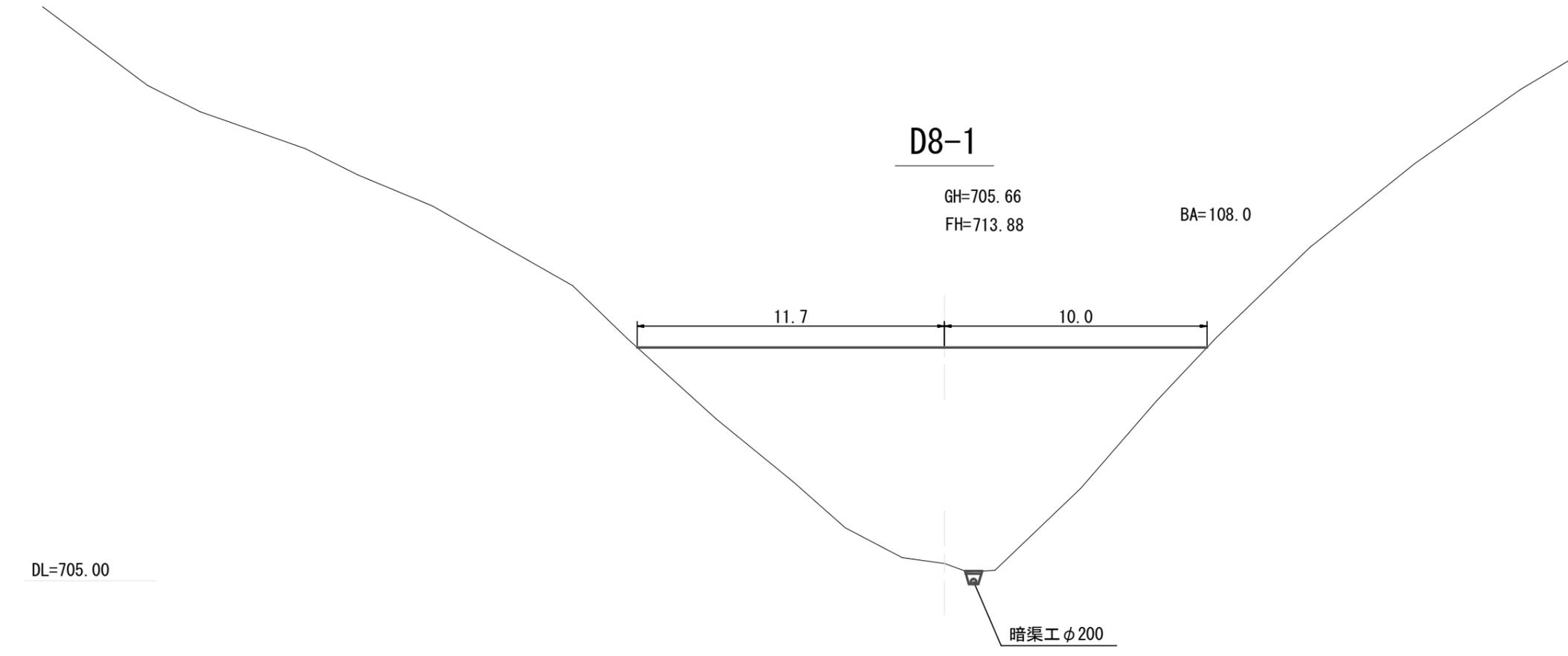
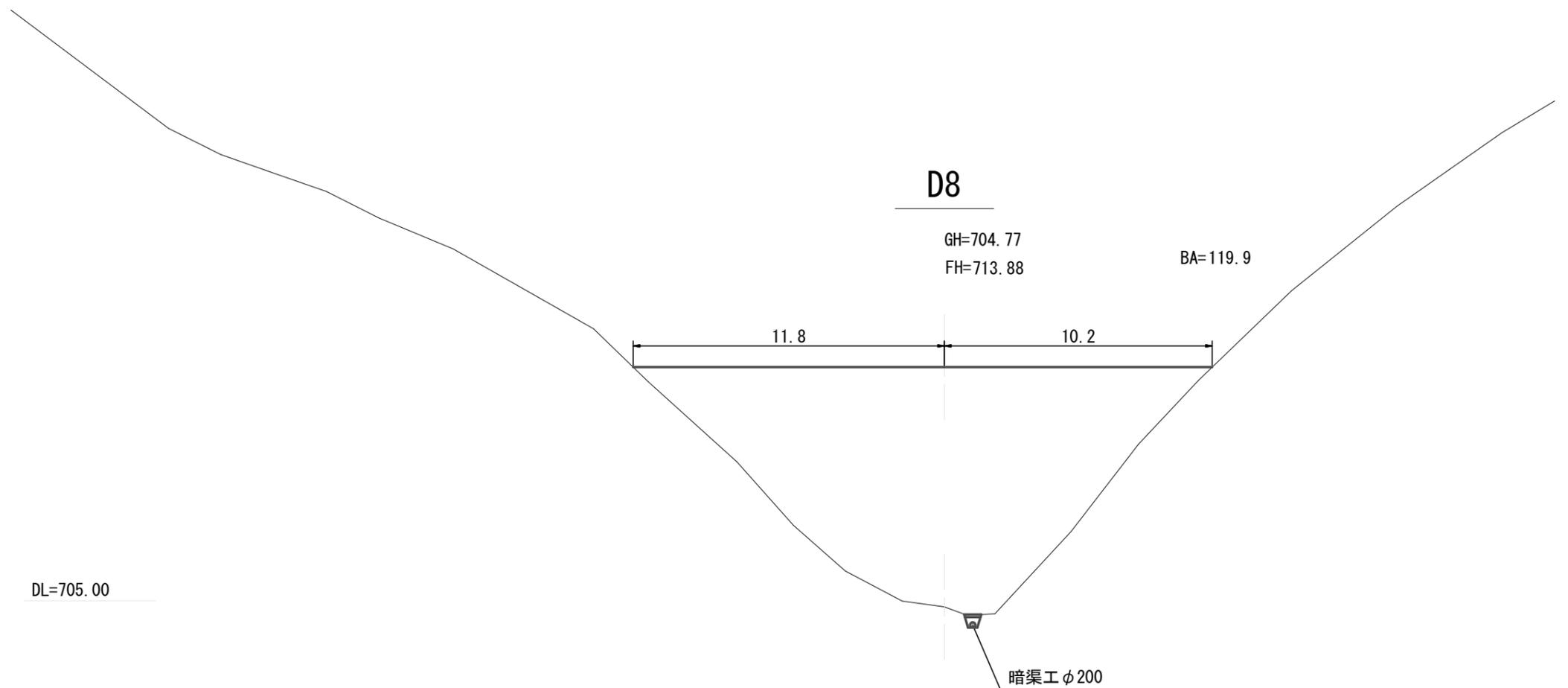


DL=710.00



DL=710.00





D9

GH=701.51  
FH=710.19

BA=97.4

11.2

8.9

DL=700.00

暗渠工 φ 200

D8-2

GH=703.81  
FH=713.88

BA=126.2

11.6

10.2

DL=705.00

暗渠工 φ 200

### D11-1

GH=695.48  
FH=700.88

BA=42.6

5.5      8.2

DL=695.00

暗渠工 φ 200

### D11-2

GH=692.88  
FH=700.88

BA=84.5

10.0      8.5

DL=695.00

暗渠工 φ 200

### D10

GH=697.93  
FH=704.91

BA=61.3

7.9      7.3

DL=700.00

暗渠工 φ 200

### D11

GH=694.27  
FH=700.88

BA=53.6

6.1      8.8

DL=695.00

暗渠工 φ 200

### D13

GH=687.64  
FH=690.88

BA=23.3

8.0 3.9

DL=685.00

暗渠工 φ200

### D12

GH=689.96  
FH=695.88

BA=56.7

9.3 6.4

DL=690.00

暗渠工 φ200

### D14

GH=684.48  
FH=685.88

BA=4.0

2.5 2.5

暗渠工 φ200

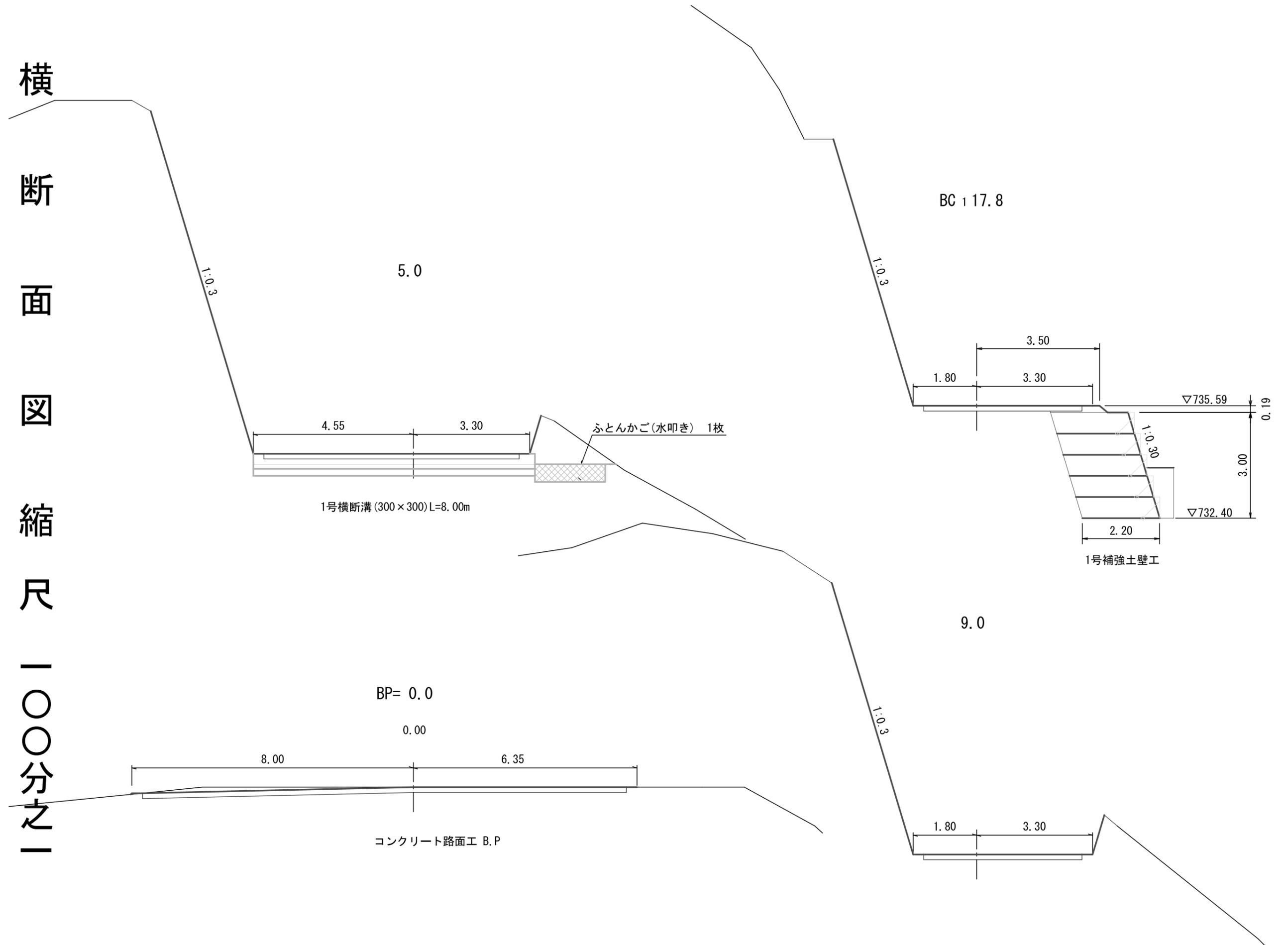
ふとんかご工  
H=2.5 L=17.0m

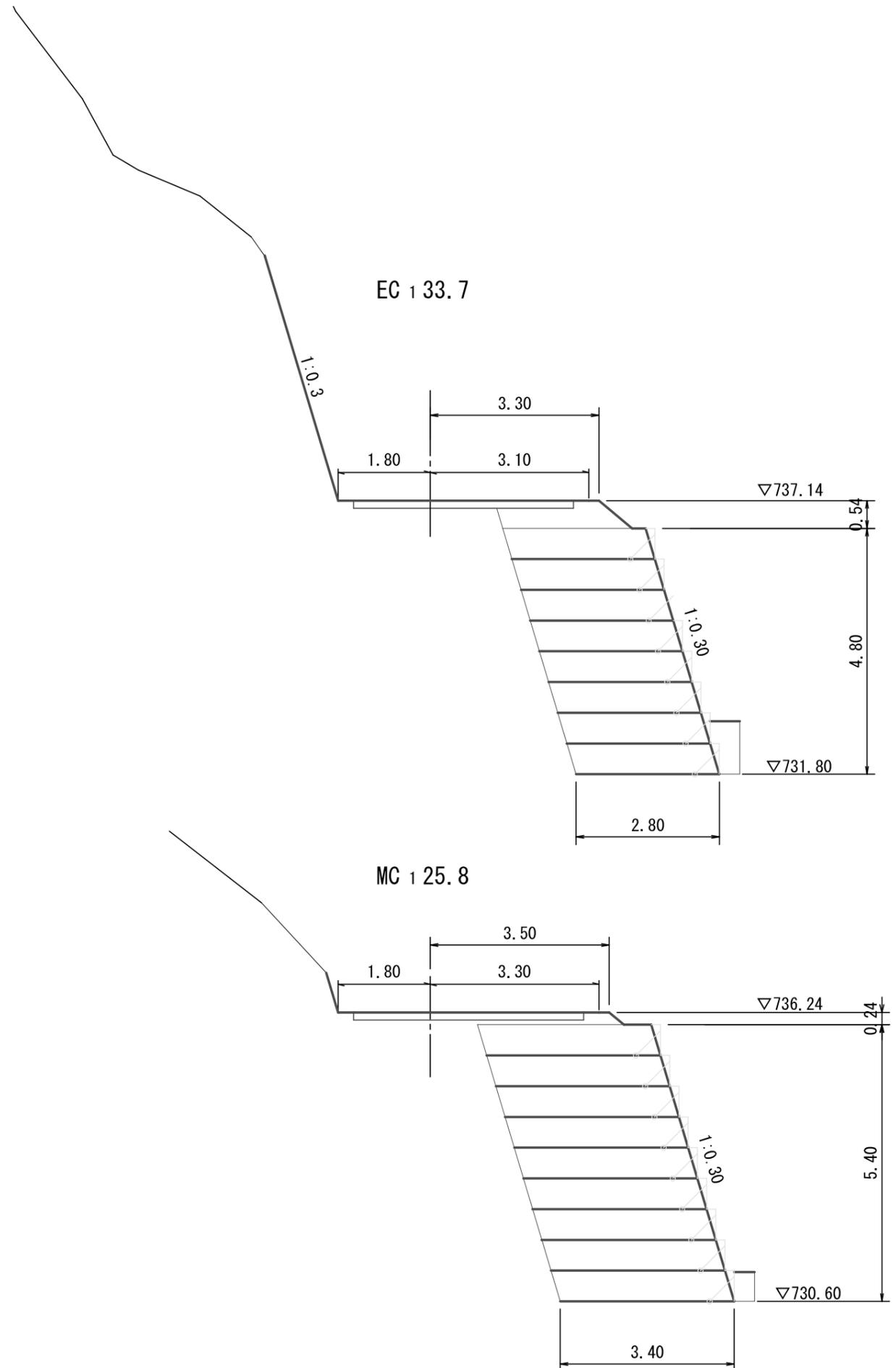
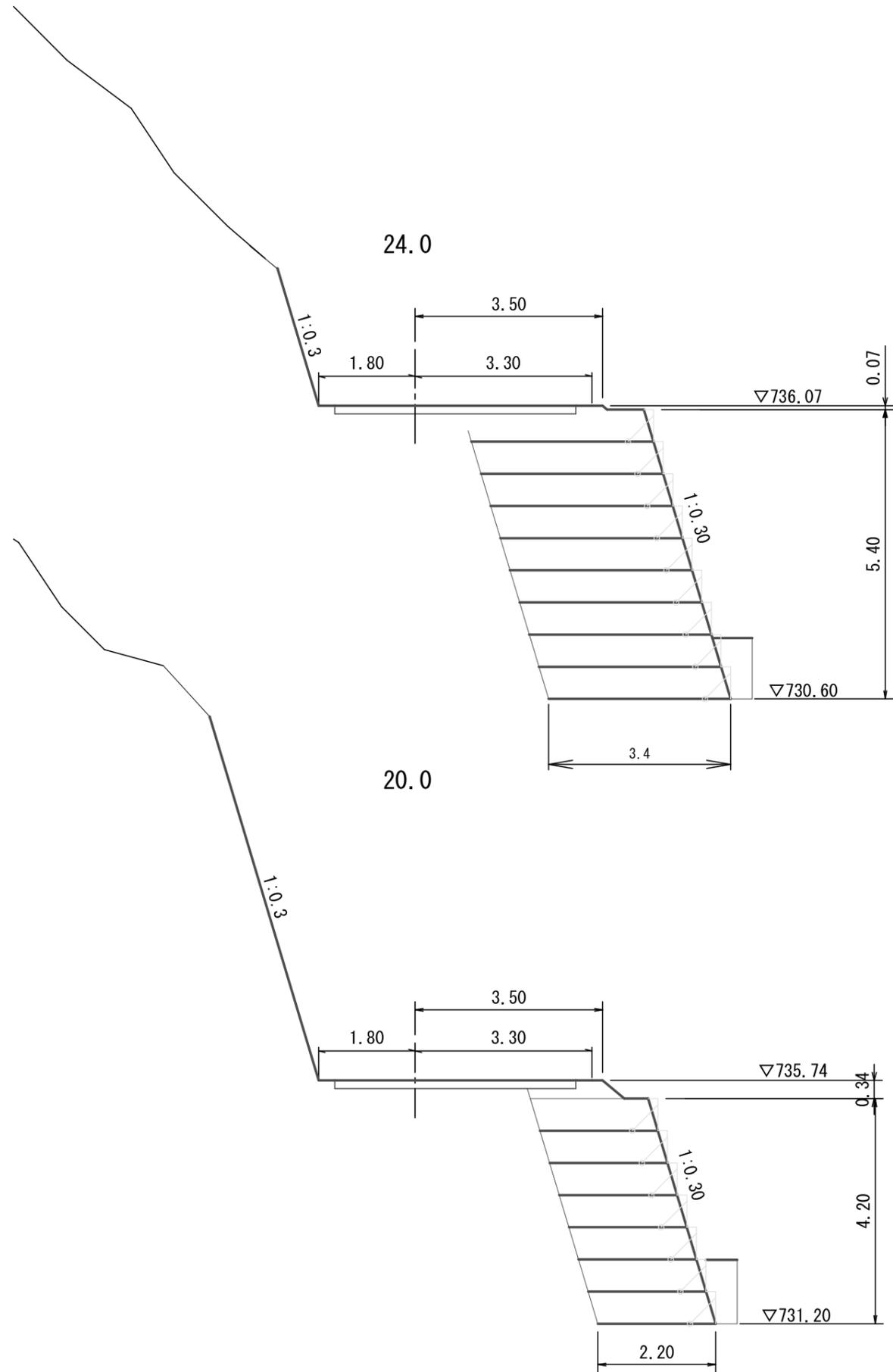
2.0

4.0

5.0

横断面図 縮尺 1/100





MC 2 46.0

1:0.3

1.80 1.80

1:0.3

EC 2 54.4

1:0.3

1.80 1.95

1:0.3

40.0

1:0.3

1.80 2.15

植生マット流末処理工 L=2.0m

1号コンクリート路面排水工 L=4.0m

52.0

1:0.3

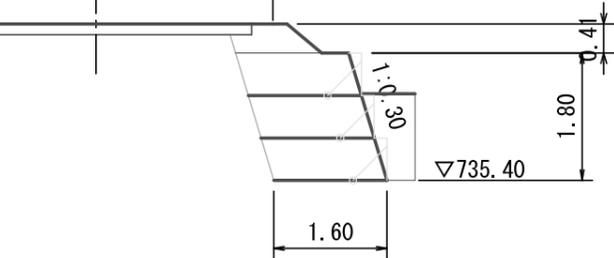
1.80 1.85

1:0.3

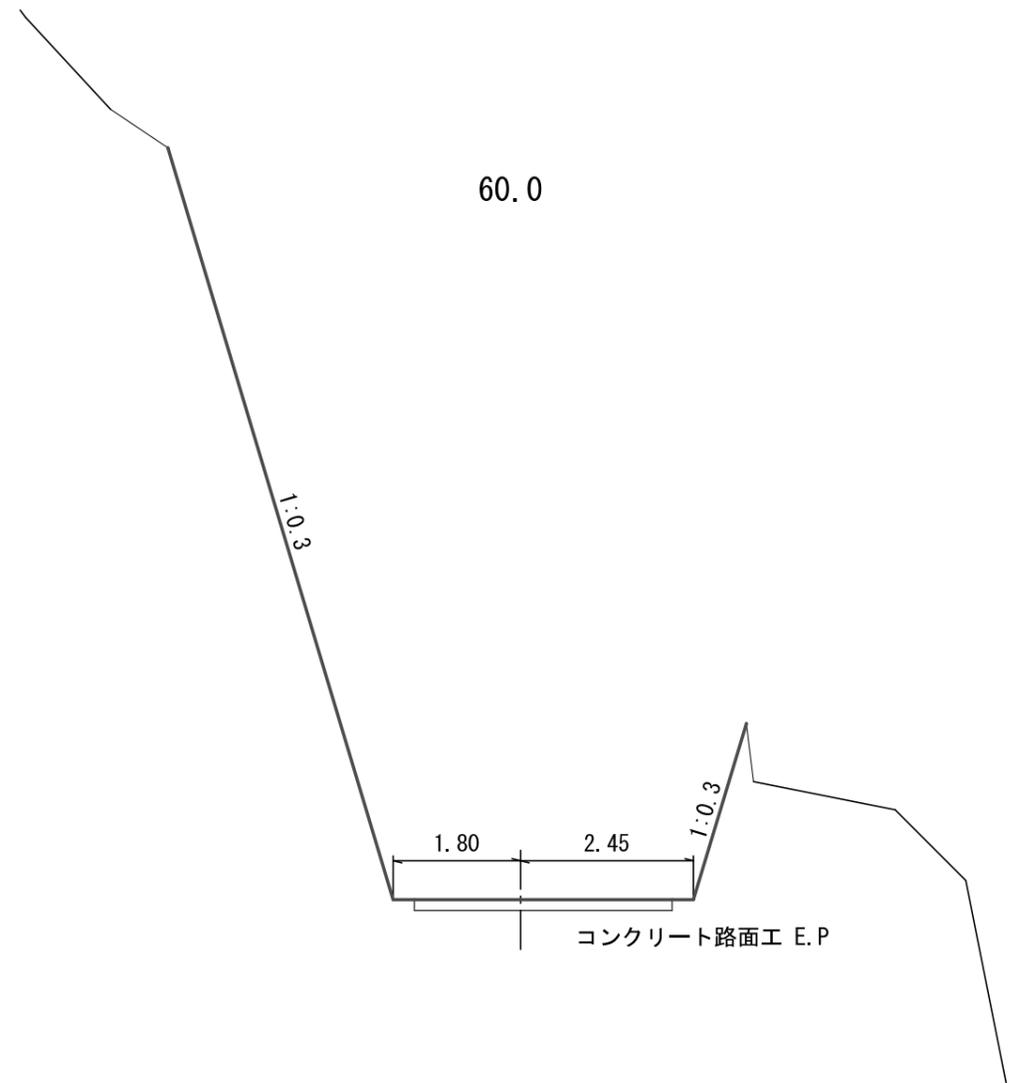
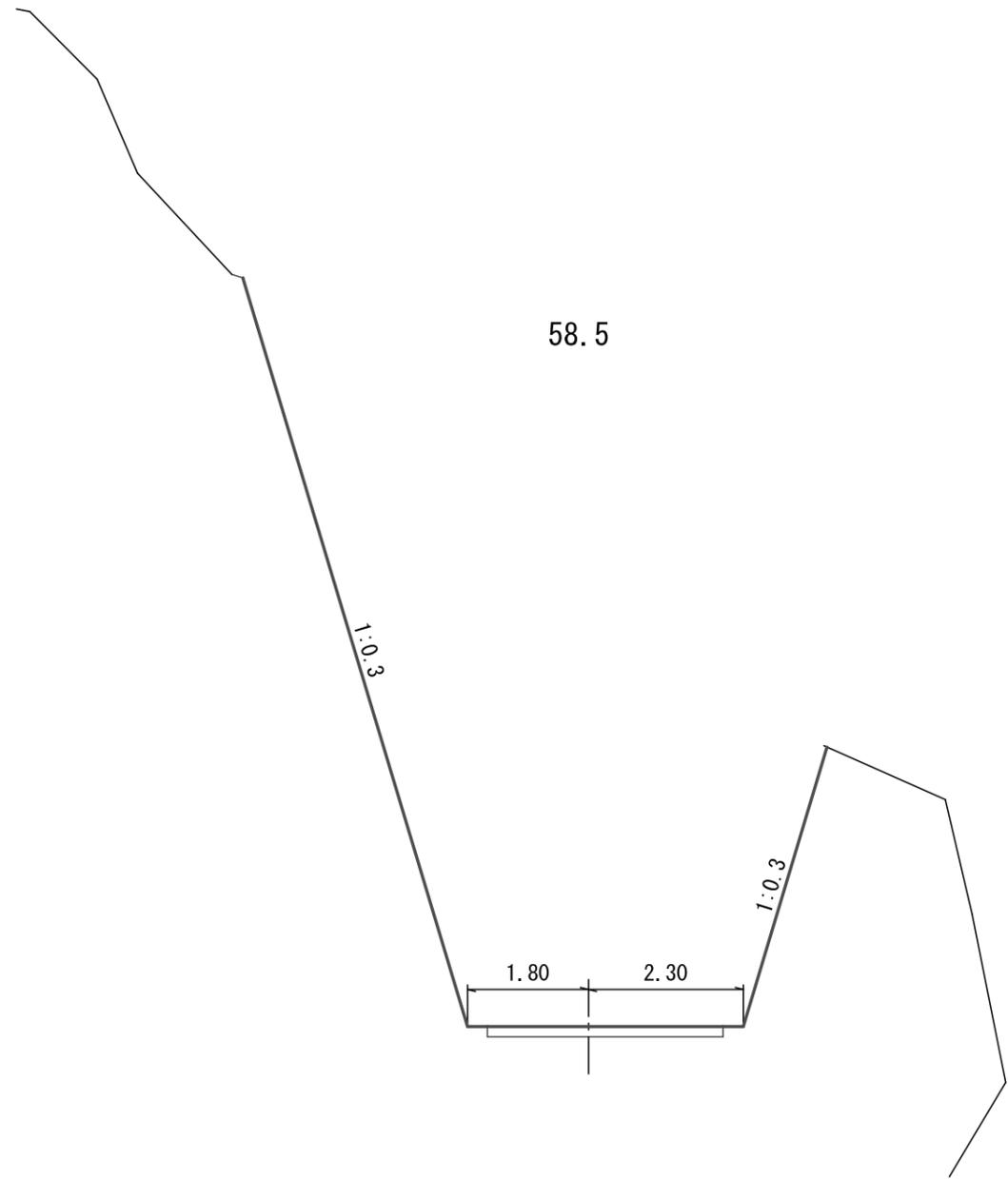
5.6

1:0.3

1.80 2.50



BC 2 37.6



EC 18 426.1

-2.16

L=2.4

1:0.6

待避所兼  
林業用作業施設

2.55

2.00

2.15

S1CA= 17.8

EC 19 446.7

-2.27

L=4.5

1:0.6

1.80

2.70

S1CA= 12.7

420.0

待避所兼林業用作業施設

3.40

2.05

1.80

L=5.8

1:0.6

1.80

2.80

S1CA= 13.8

440.0

-2.20

BC 19 429.9

-1.86

L=3.3

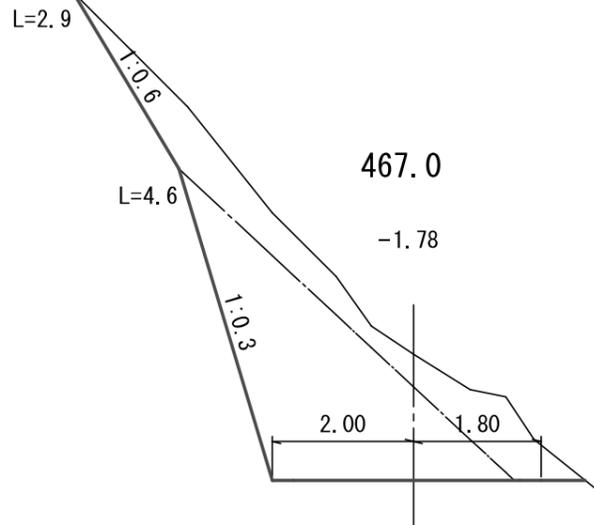
1:0.6

1.45

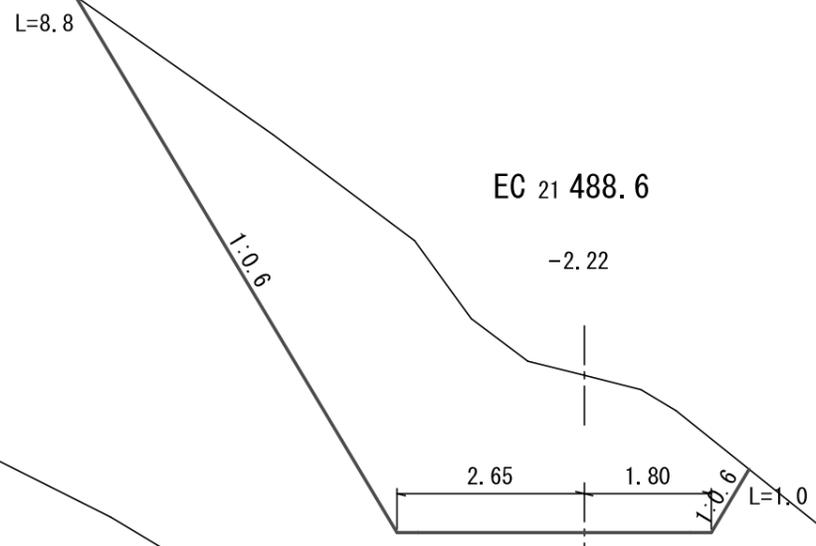
1.80

2.65

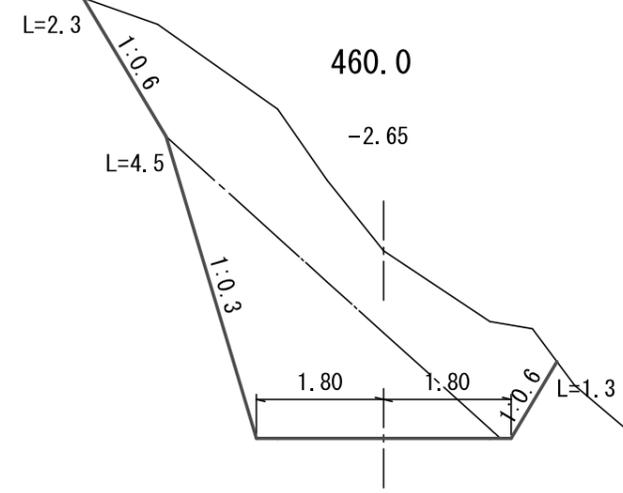
S1CA= 13.3



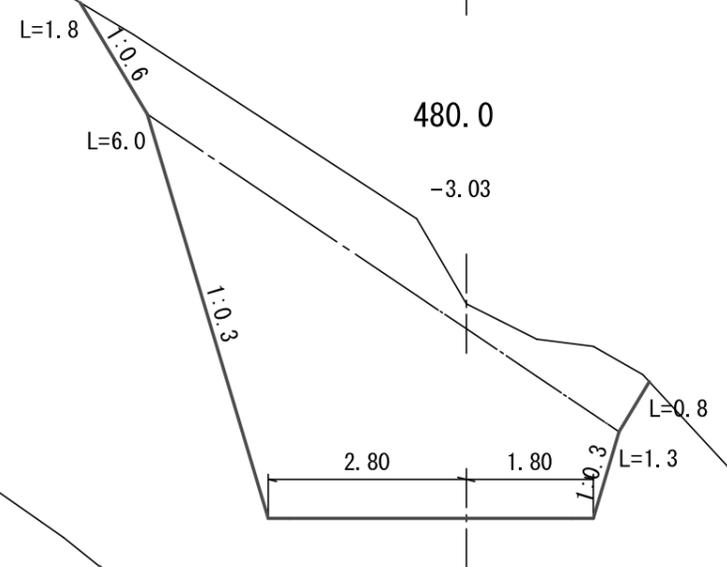
S1 CA= 4.3  
R1 (B) CA= 7.5 (B)



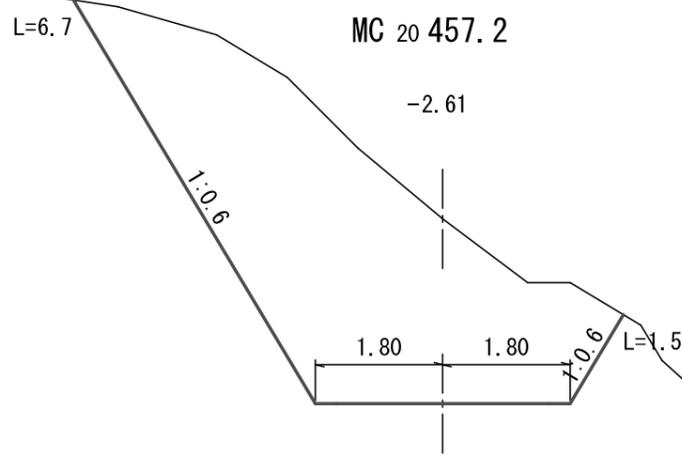
S1 CA= 21.6



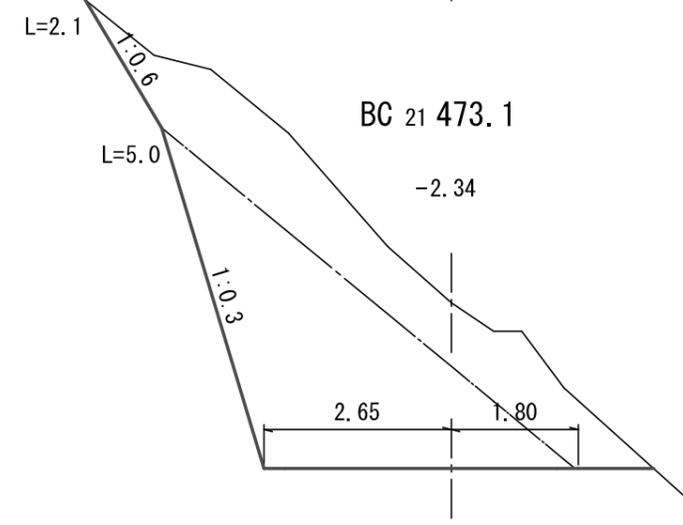
S1 CA= 8.8  
R1 (B) CA= 7.4 (B)



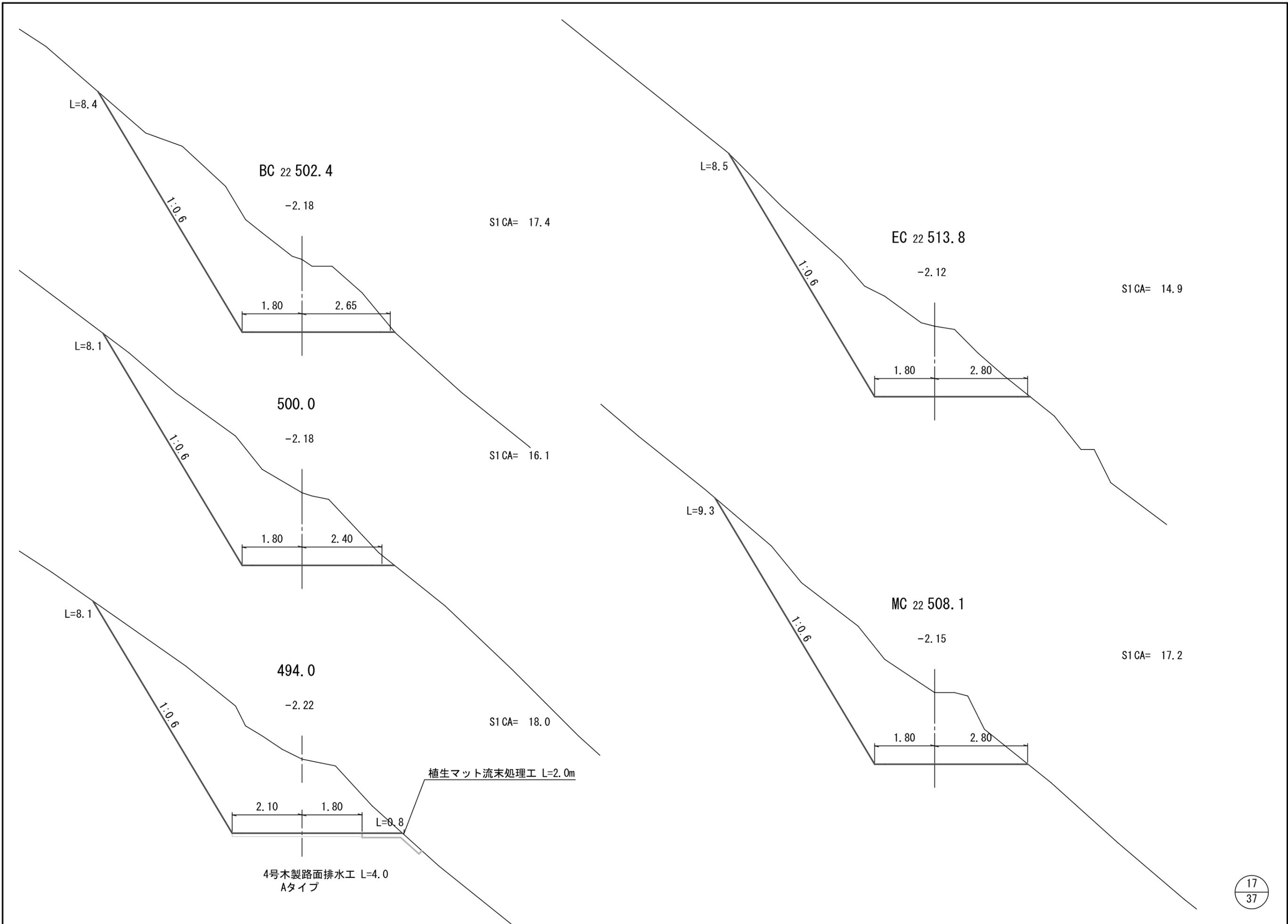
S1 CA= 6.6  
R1 (B) CA= 18.0 (B)



S1 CA= 18.3



S1 CA= 7.8  
R1 (B) CA= 10.6 (B)



L=8.4

1:0.6

520.0

-2.22

S1 CA= 18.4

1.80

2.80

L=8.8

1:0.6

EC 23 532.5

-2.52

S1 CA= 20.8

1.80

3.20

L=8.2

1:0.6

BC 23 517.0

-2.20

S1 CA= 15.8

1.80

2.80

L=9.3

1:0.6

MC 23 524.8

-2.78

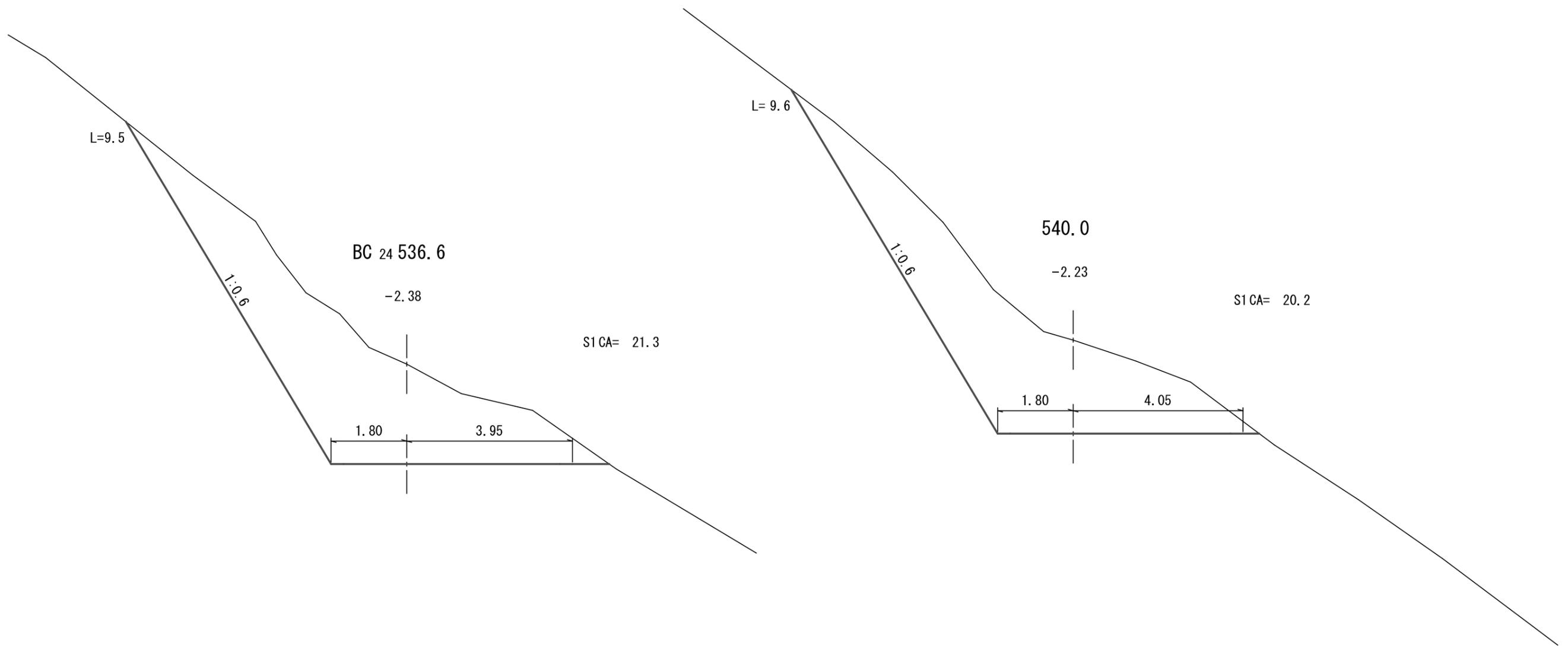
S1 CA= 25.0

1.80

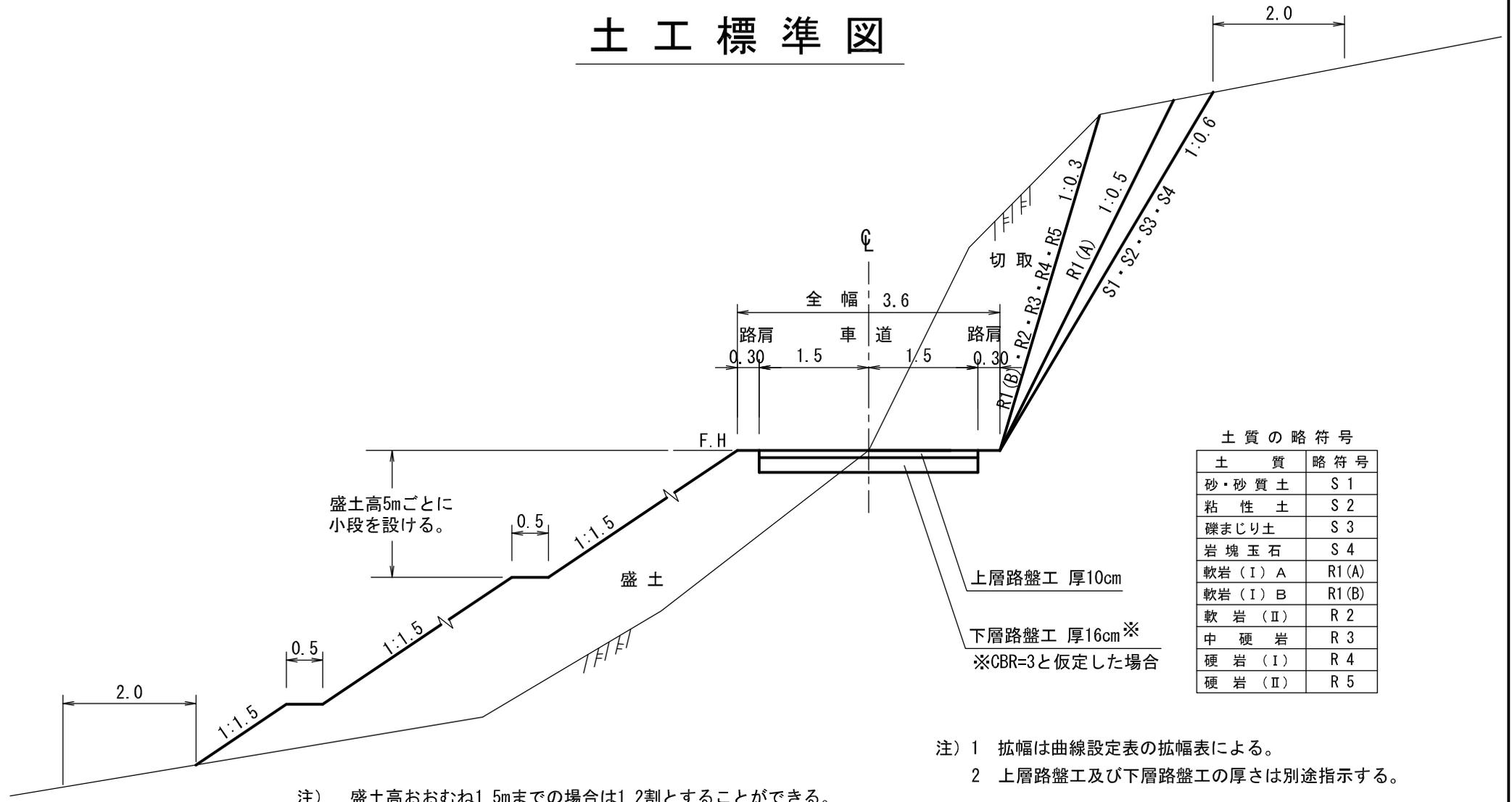
2.80

1:0.6

L=1.1



# 土工標準図



土質の略符号

| 土質       | 略符号    |
|----------|--------|
| 砂・砂質土    | S 1    |
| 粘性土      | S 2    |
| 礫まじり土    | S 3    |
| 岩塊玉石     | S 4    |
| 軟岩 (I) A | R1 (A) |
| 軟岩 (I) B | R1 (B) |
| 軟岩 (II)  | R 2    |
| 中硬岩      | R 3    |
| 硬岩 (I)   | R 4    |
| 硬岩 (II)  | R 5    |

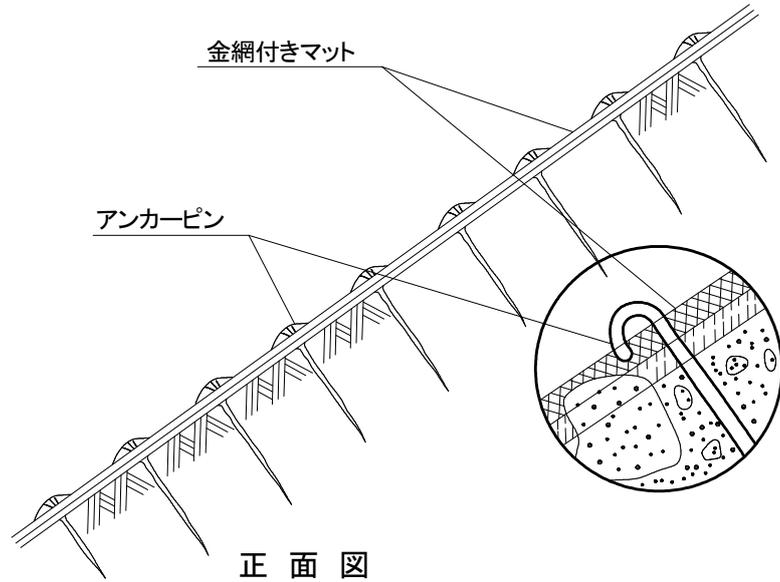
注) 盛土高おおむね1.5mまでの場合は1.2割とすることができる。

- 注) 1 拡幅は曲線設定表の拡幅表による。  
 2 上層路盤工及び下層路盤工の厚さは別途指示する。

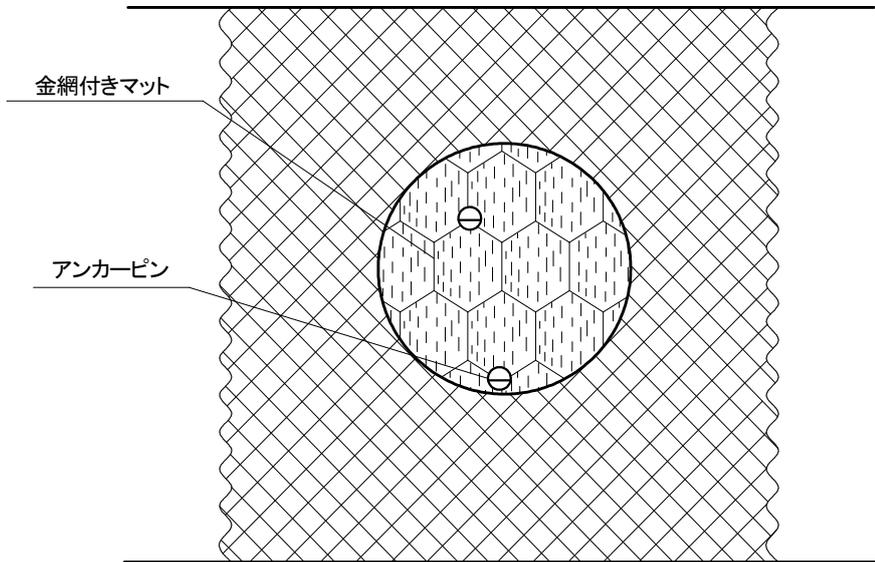
# マット伏工 標準図

S=1:free

側面図



正面図



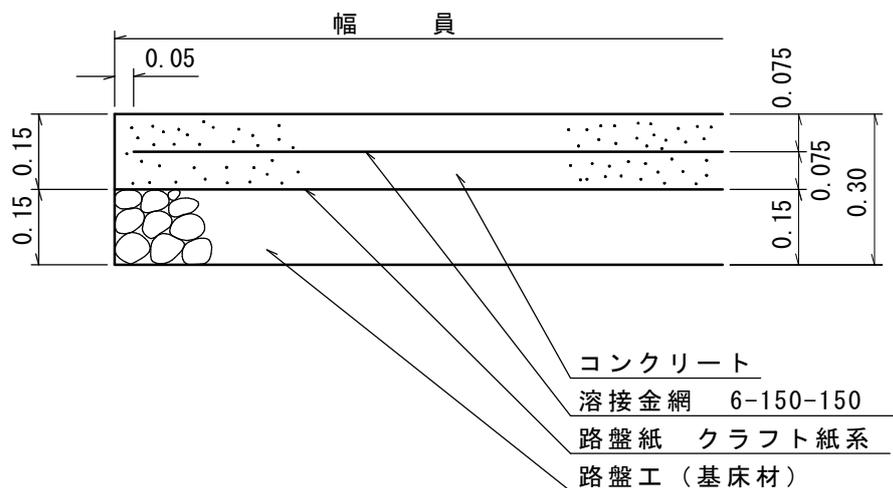
材料表

100m<sup>2</sup>当り

| 種別      | 規格・寸法       | 数量     | 単位             | 摘要 |
|---------|-------------|--------|----------------|----|
| 金網付きマット | 金網付き ヤシ繊維   | 115.00 | m <sup>2</sup> |    |
| アンカーピン  | 径13mm×400mm | 300.00 | 本              |    |
|         |             |        |                |    |

# コンクリート路面工標準図

S=1 : free



100m<sup>2</sup>当り

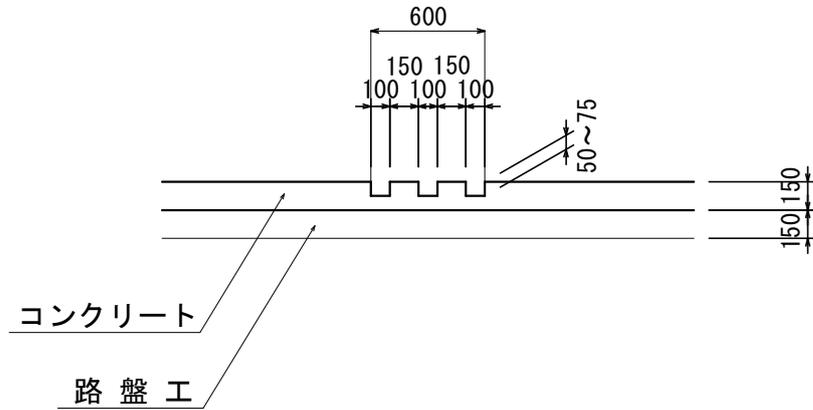
| 材 料 表                                      |                      |               |
|--------------------------------------------|----------------------|---------------|
| 名 称                                        | 数 量                  | 品 質・規 格       |
| コンクリート                                     | 15.00m <sup>3</sup>  | 21-8-20(25)BB |
| 路 盤 紙                                      | 100.00m <sup>2</sup> | クラフト紙系        |
| 路 盤 工                                      | 15.00m <sup>3</sup>  | 再生砕石 RC-40    |
| 溶 接 金 網                                    | 100.00m <sup>2</sup> | 60*150*150    |
| 目 地 材                                      | 1.90m <sup>2</sup>   | 瀝青質板 t=10mm   |
| やむを得ず18-5-40を使用する場合は<br>コンクリート厚 0.20 mとする。 |                      |               |

\* 目地材設置にあたっては、延長方向10m間隔で設置することを標準とする。

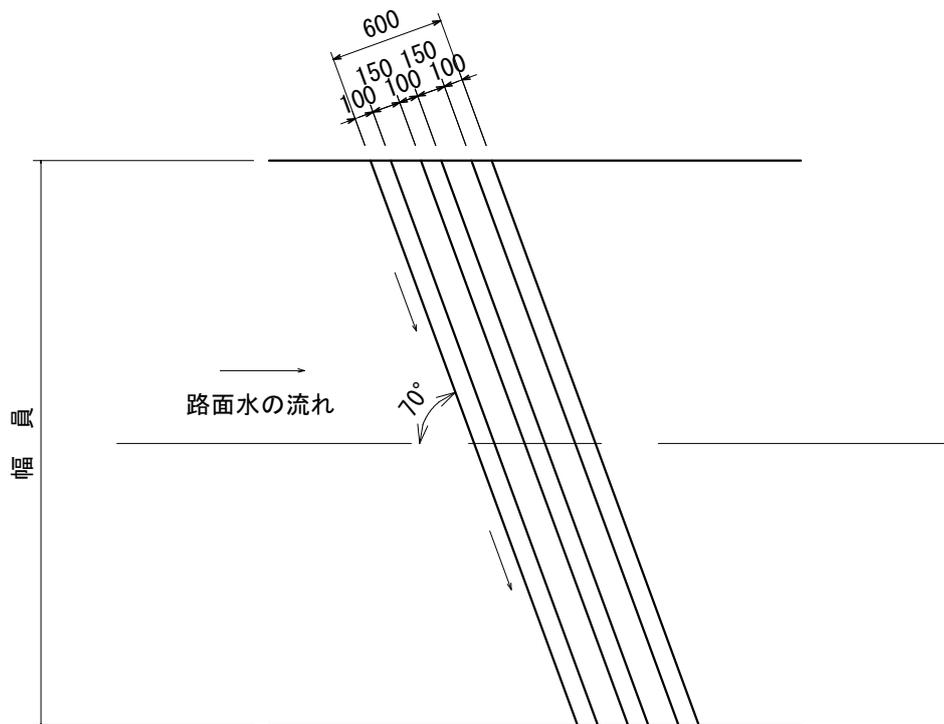
# コンクリート路面排水工標準図

S=1 : free

正面図



平面図



材料表

1箇所当り

| 種別  | 規格・寸法          | 数量   | 単位             | 摘要   |
|-----|----------------|------|----------------|------|
| バタ角 | 6.0m×0.1m×0.1m | 0.18 | m <sup>3</sup> | 3本使用 |