

尉氏县中山沟治理工程

施工图设计

设计号 2019-SZ037

设计证书编号 A241029165

河南省中建建设工程设计有限公司

二〇一九年九月

尉氏县中山沟治理工程

施工图设计

设计号 2019-SZ037

陈将

项目负责人 陈滢

专业负责人 李栋

校 对 张明

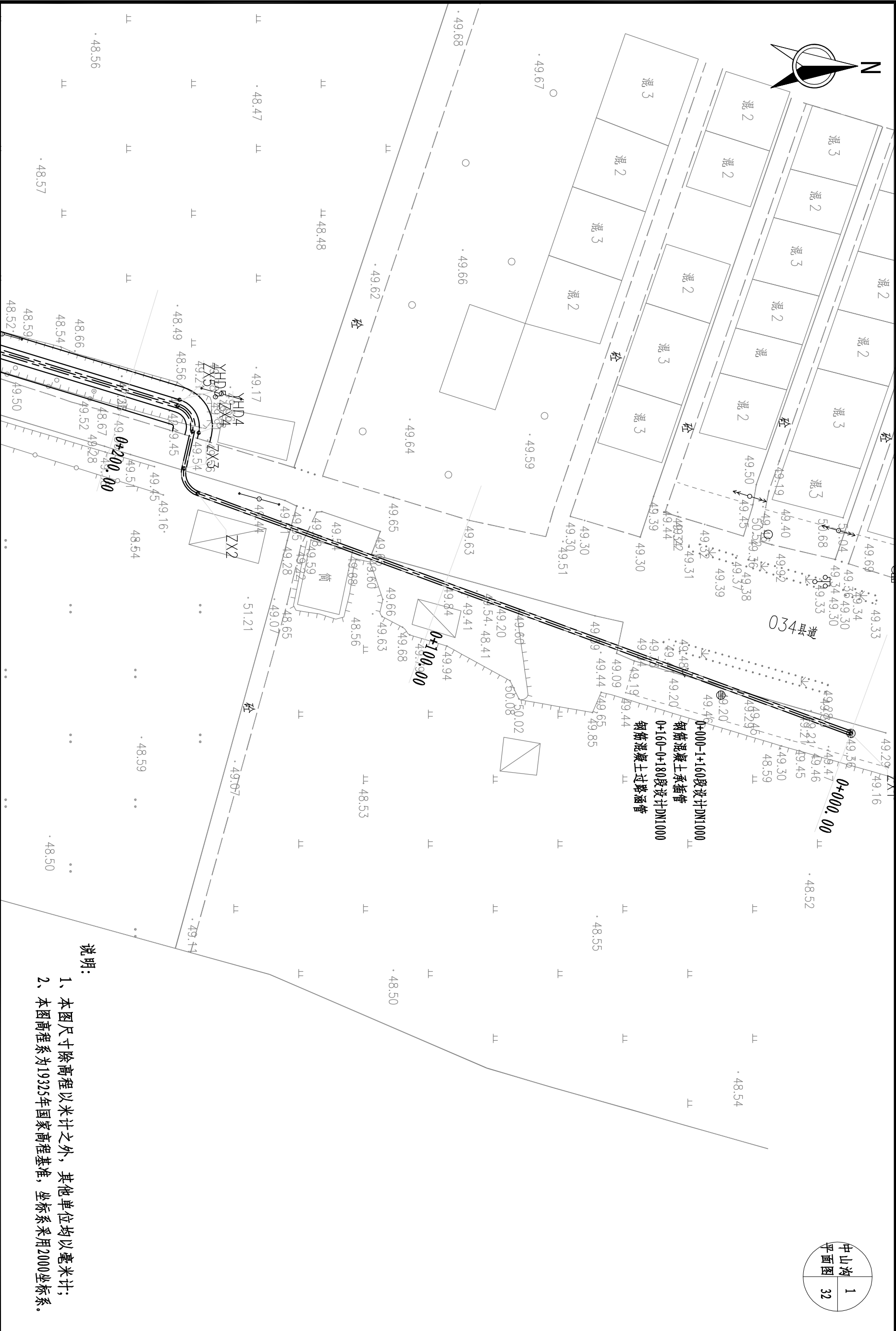
设计 陈小微

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设计证书编号 A241029165

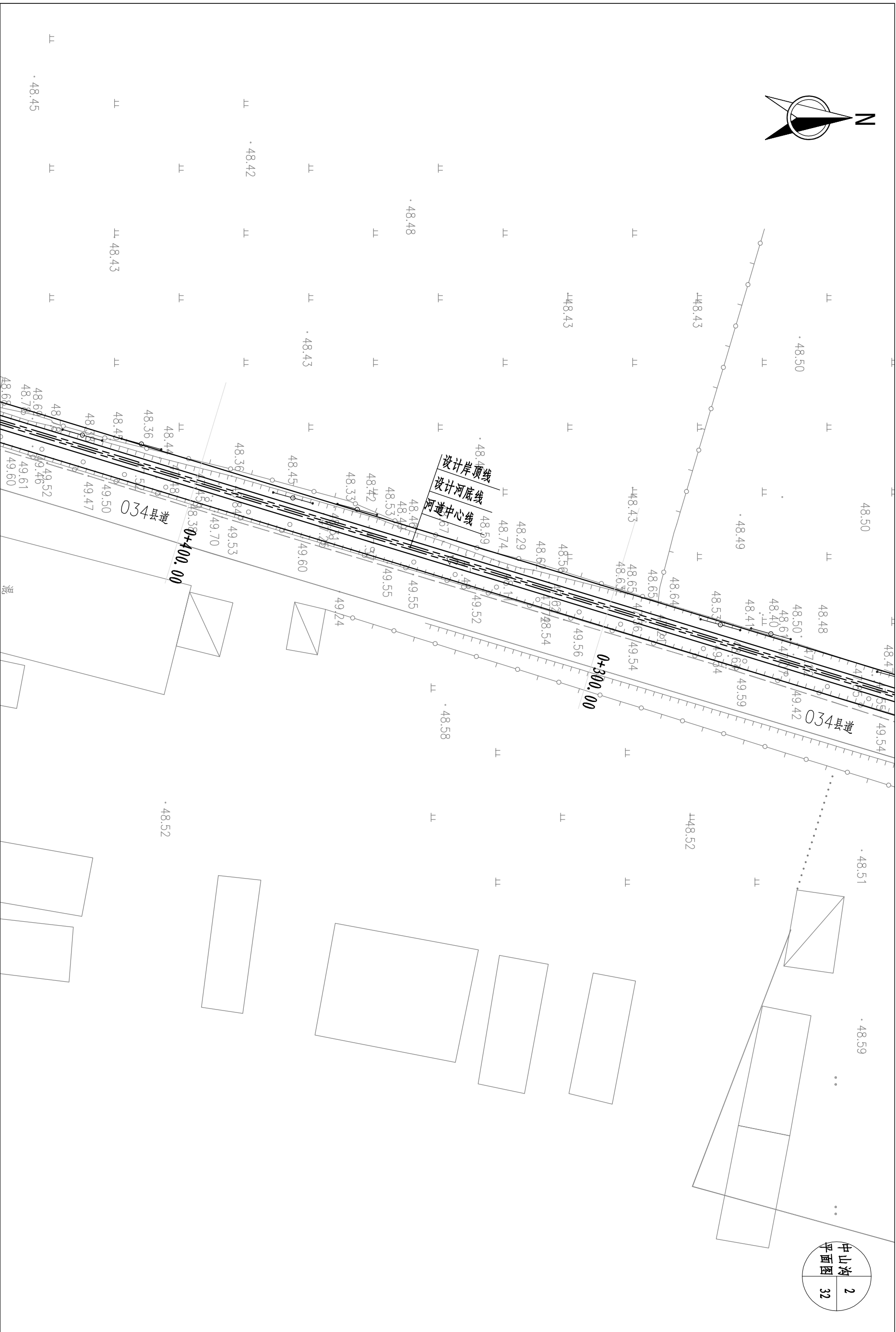
河南省中建建设工程有限公司

二〇一九年九月

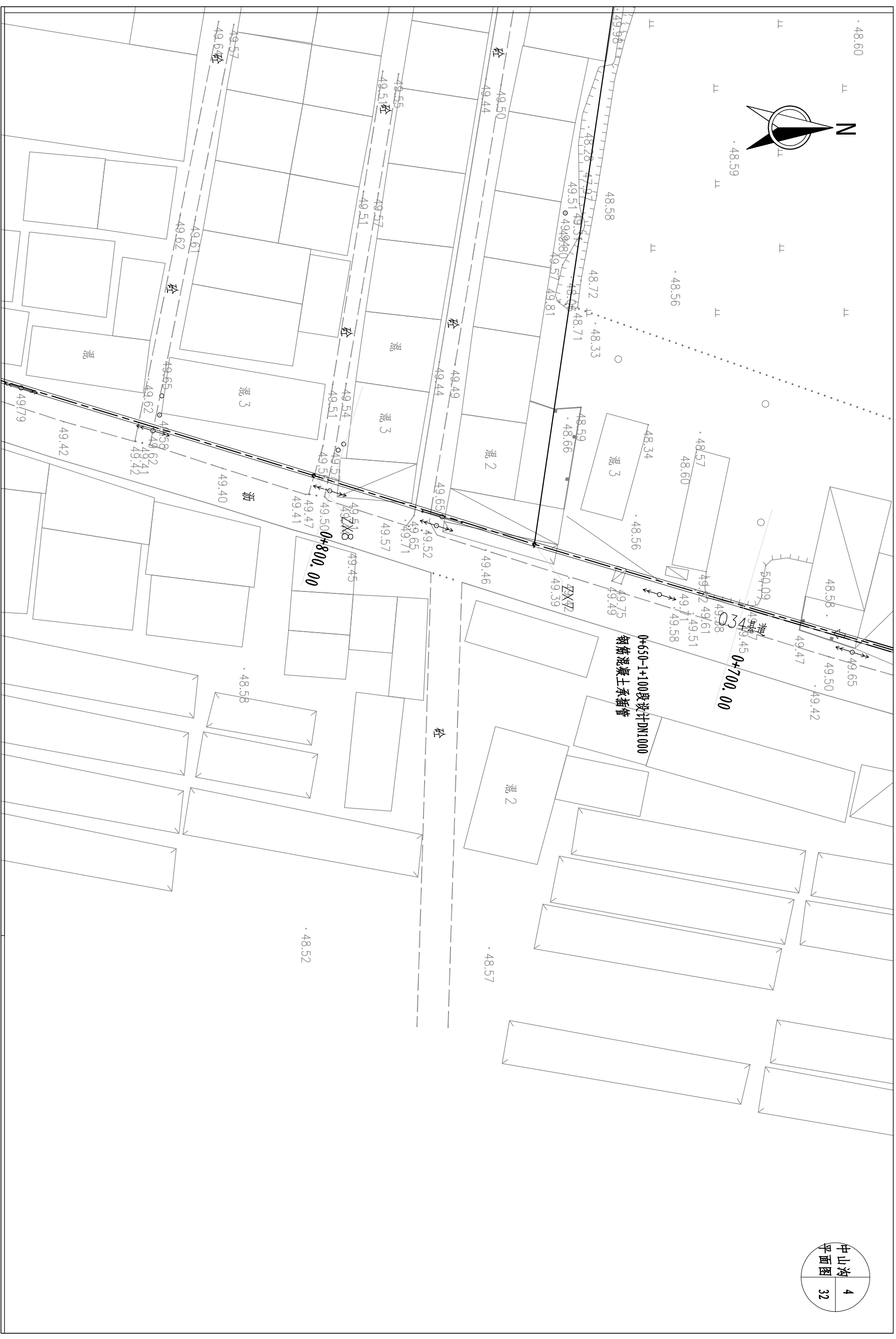


说明:

- 1、本图尺寸除高程以米计之外, 其他单位均以毫米计;
- 2、本图高程系为1932年国家高程基准, 坐标系采用2000坐标系。

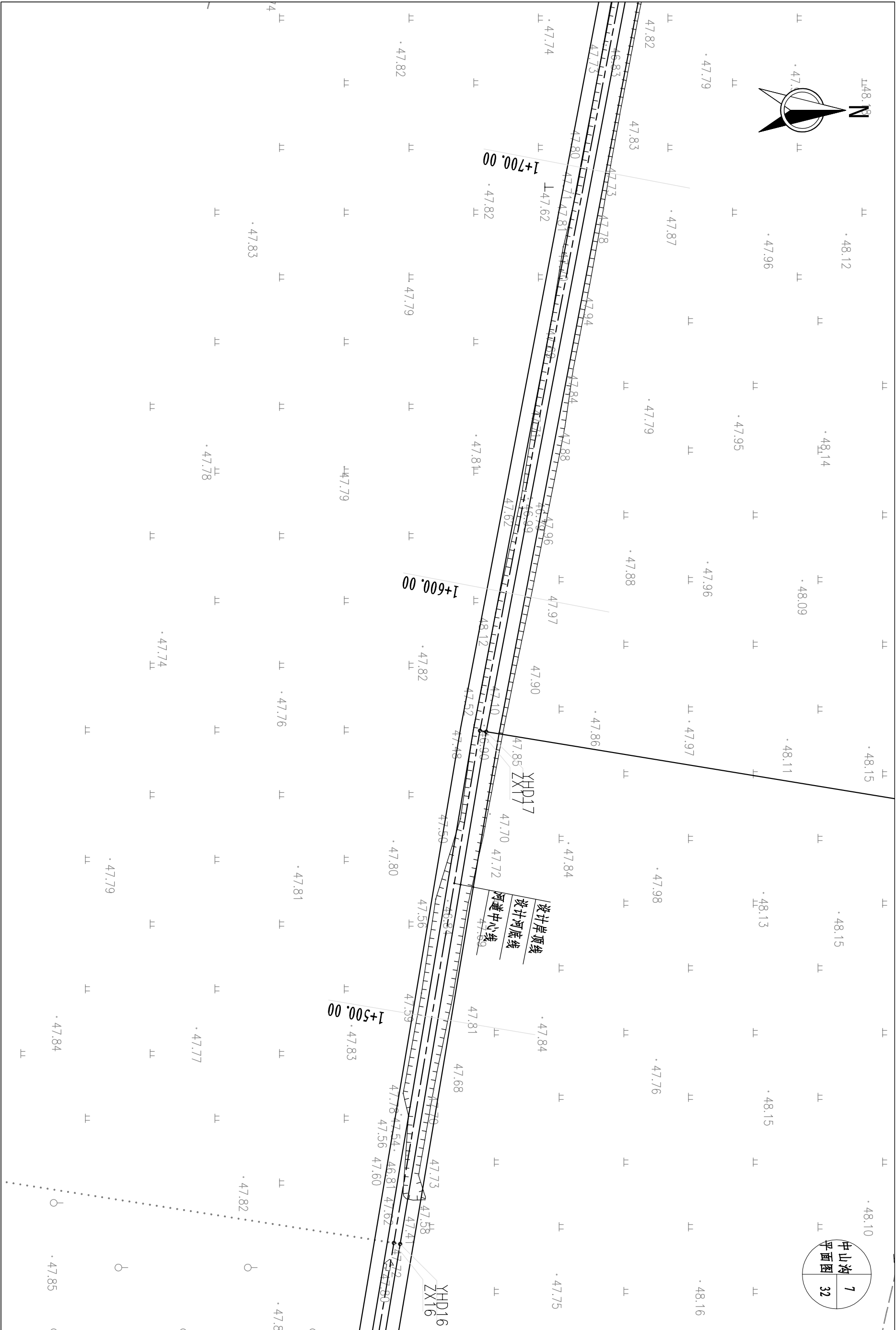


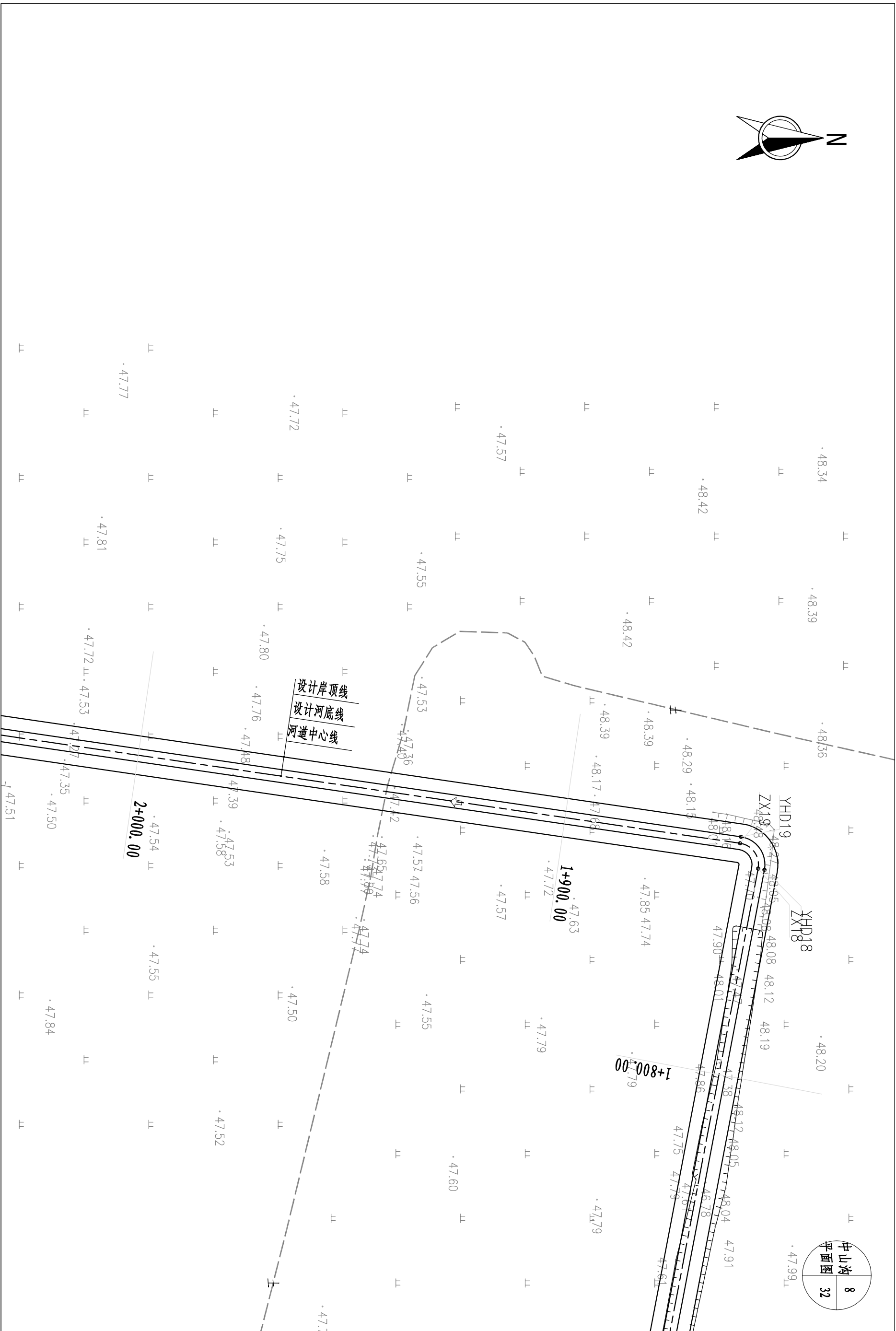
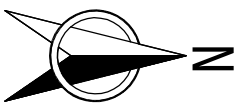




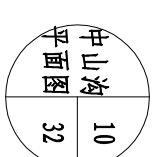
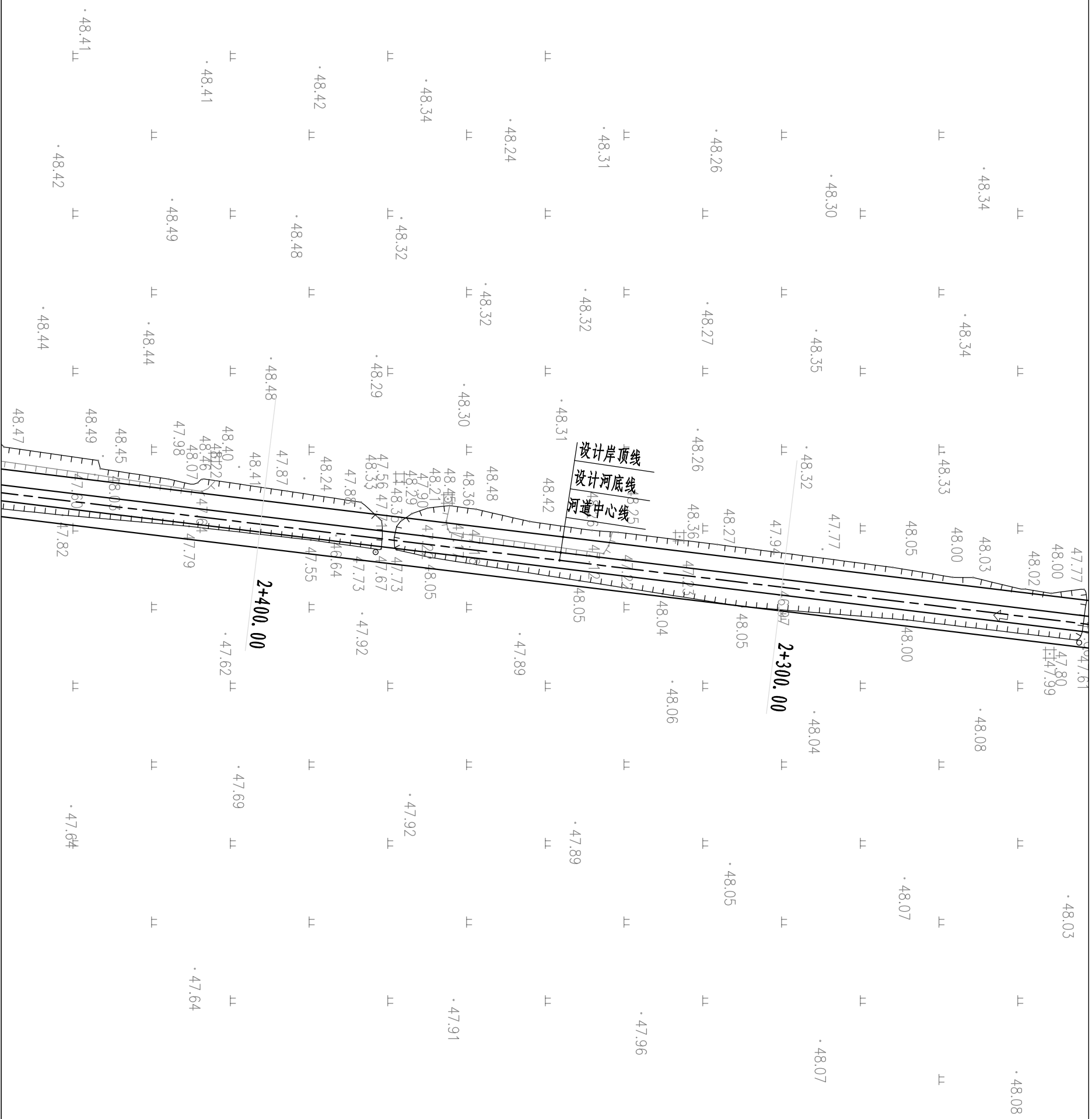


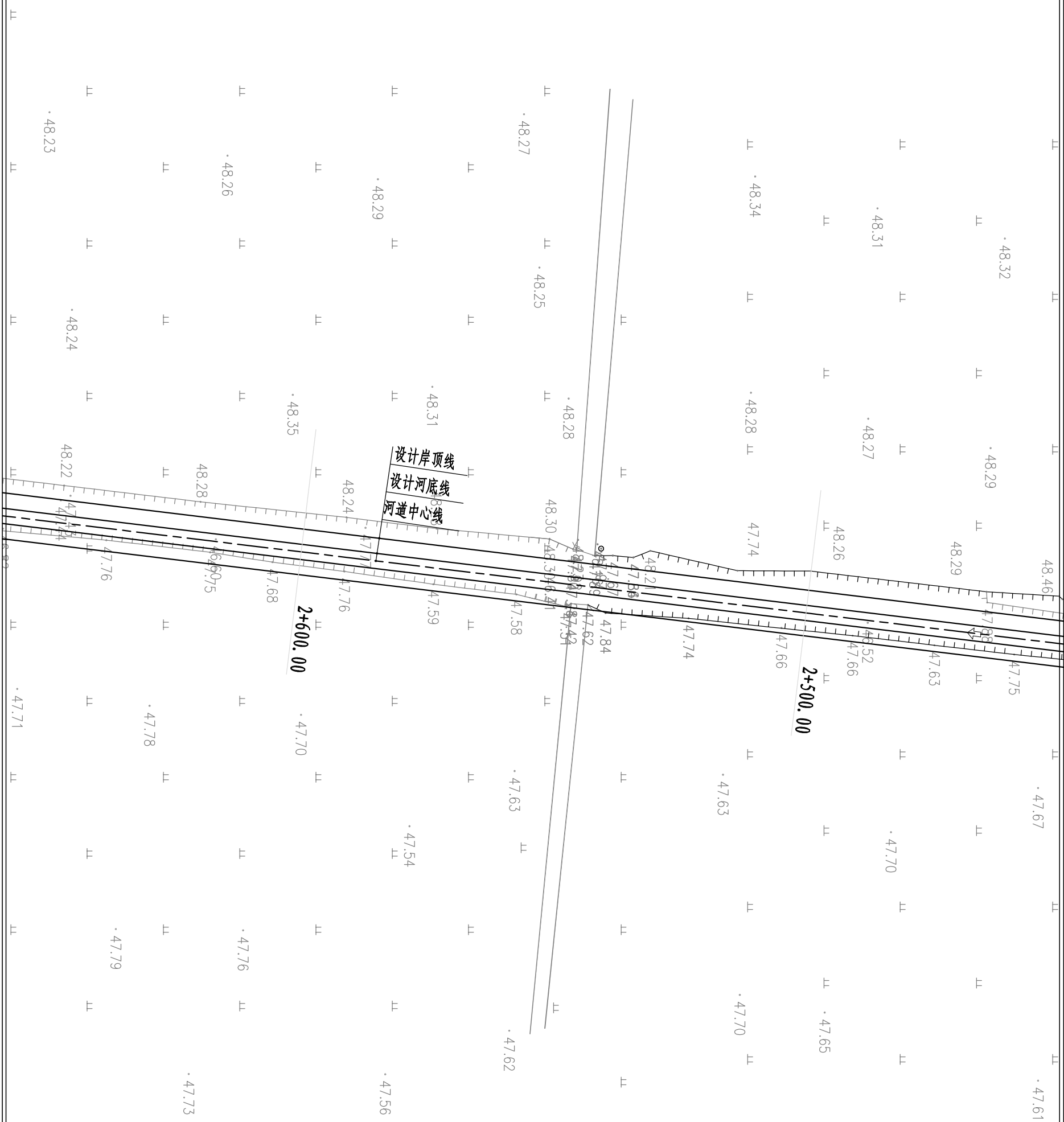


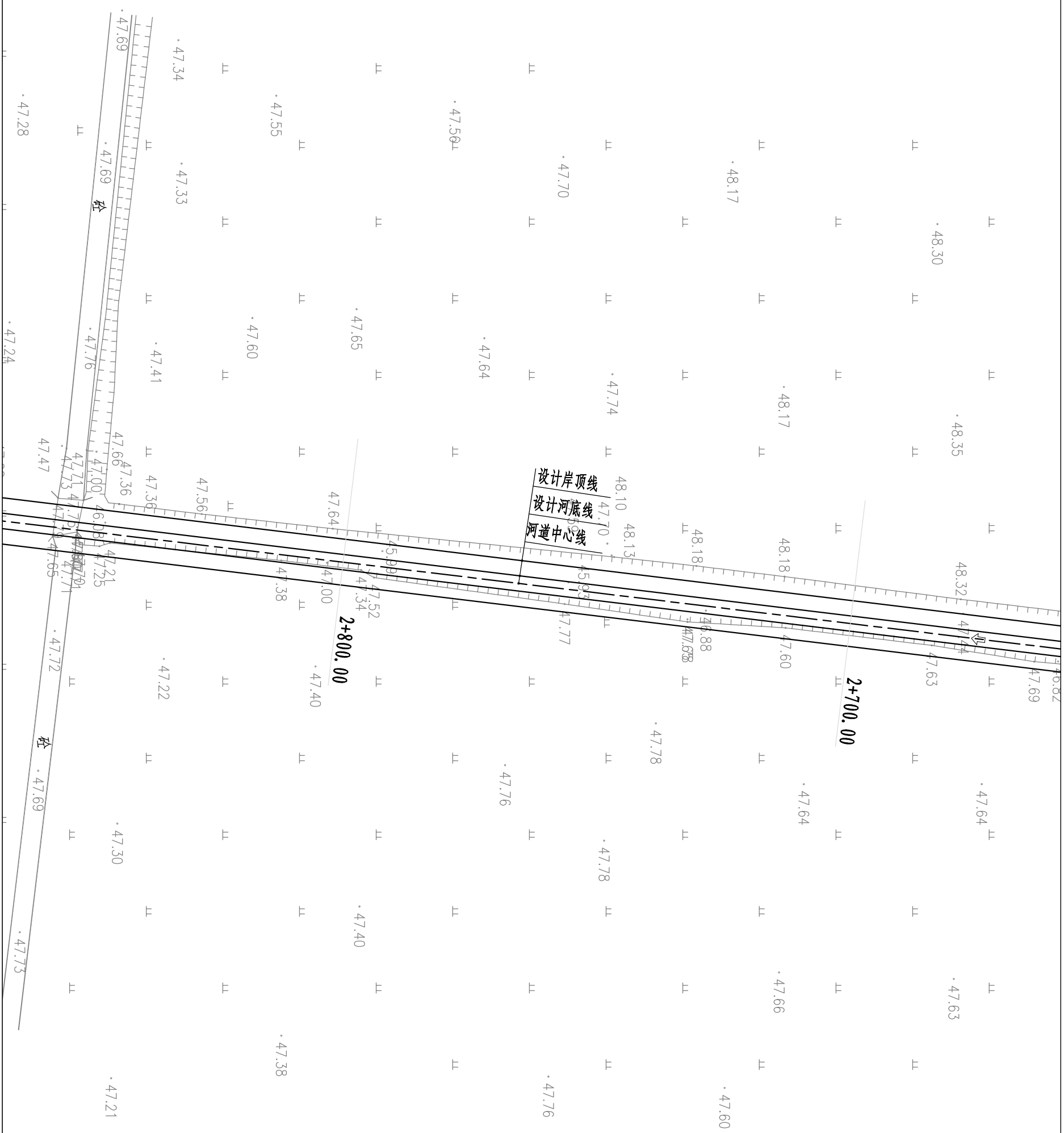
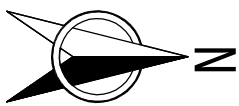


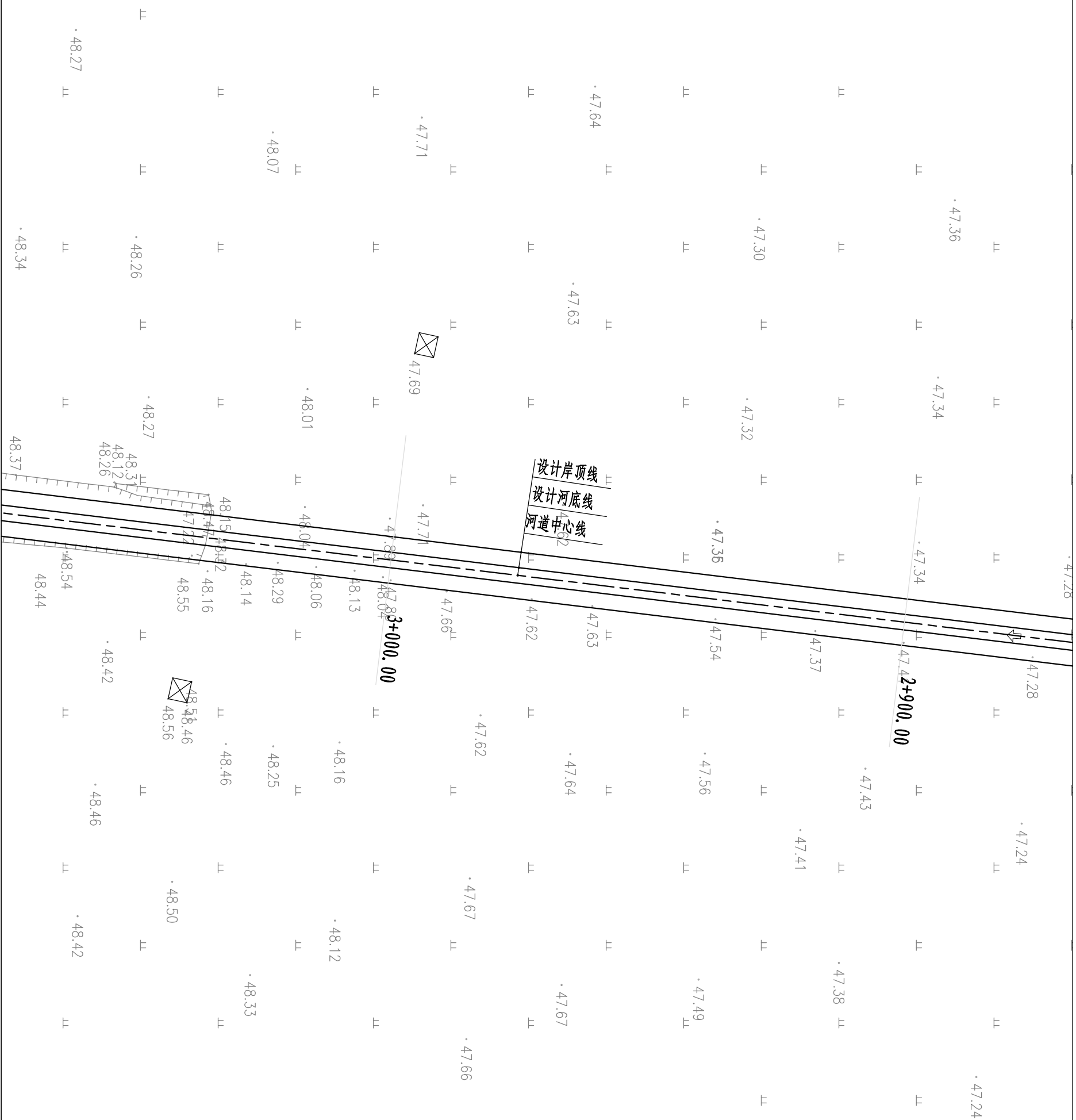


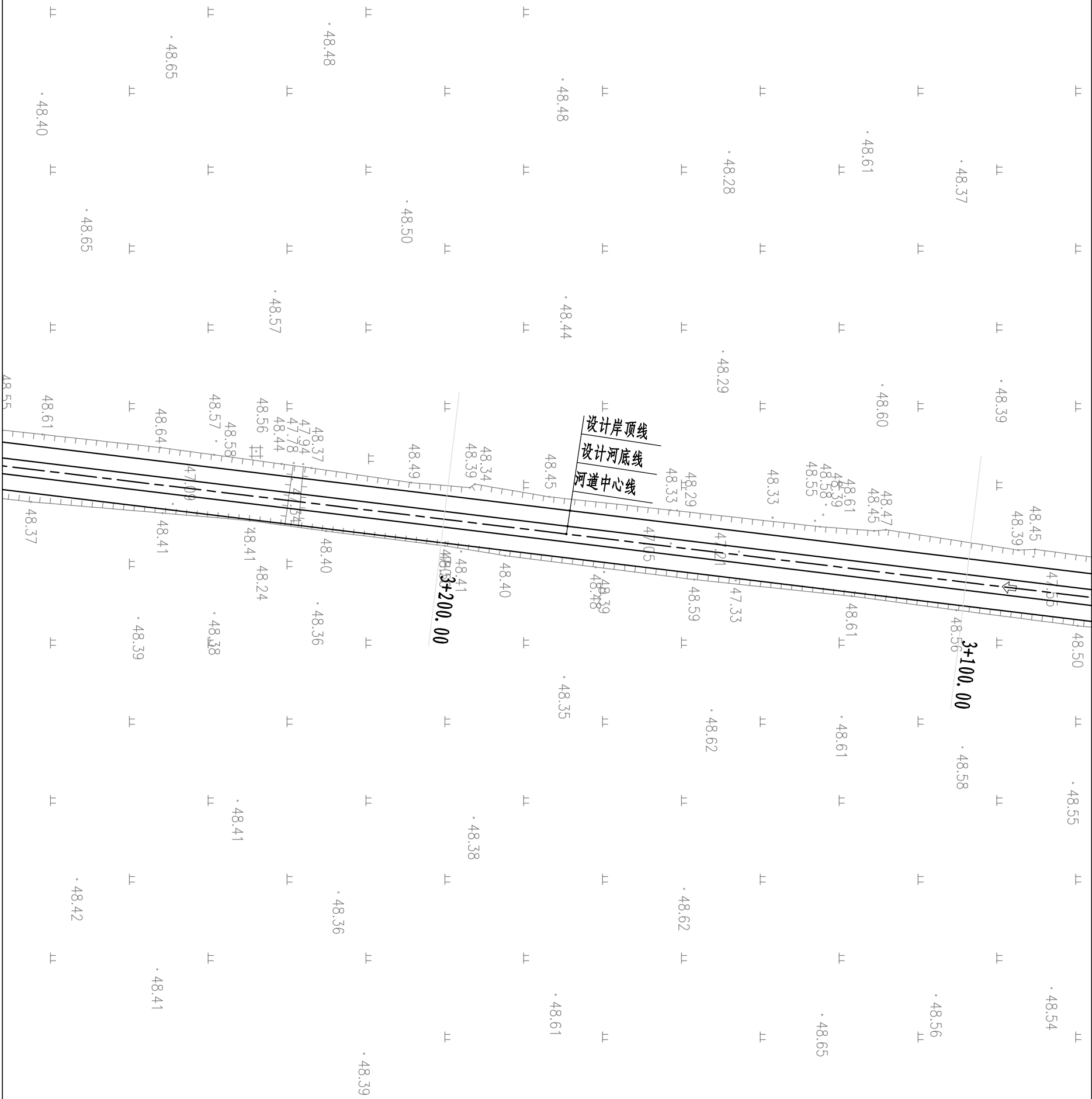
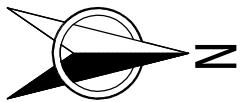


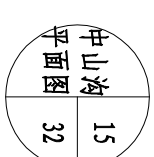
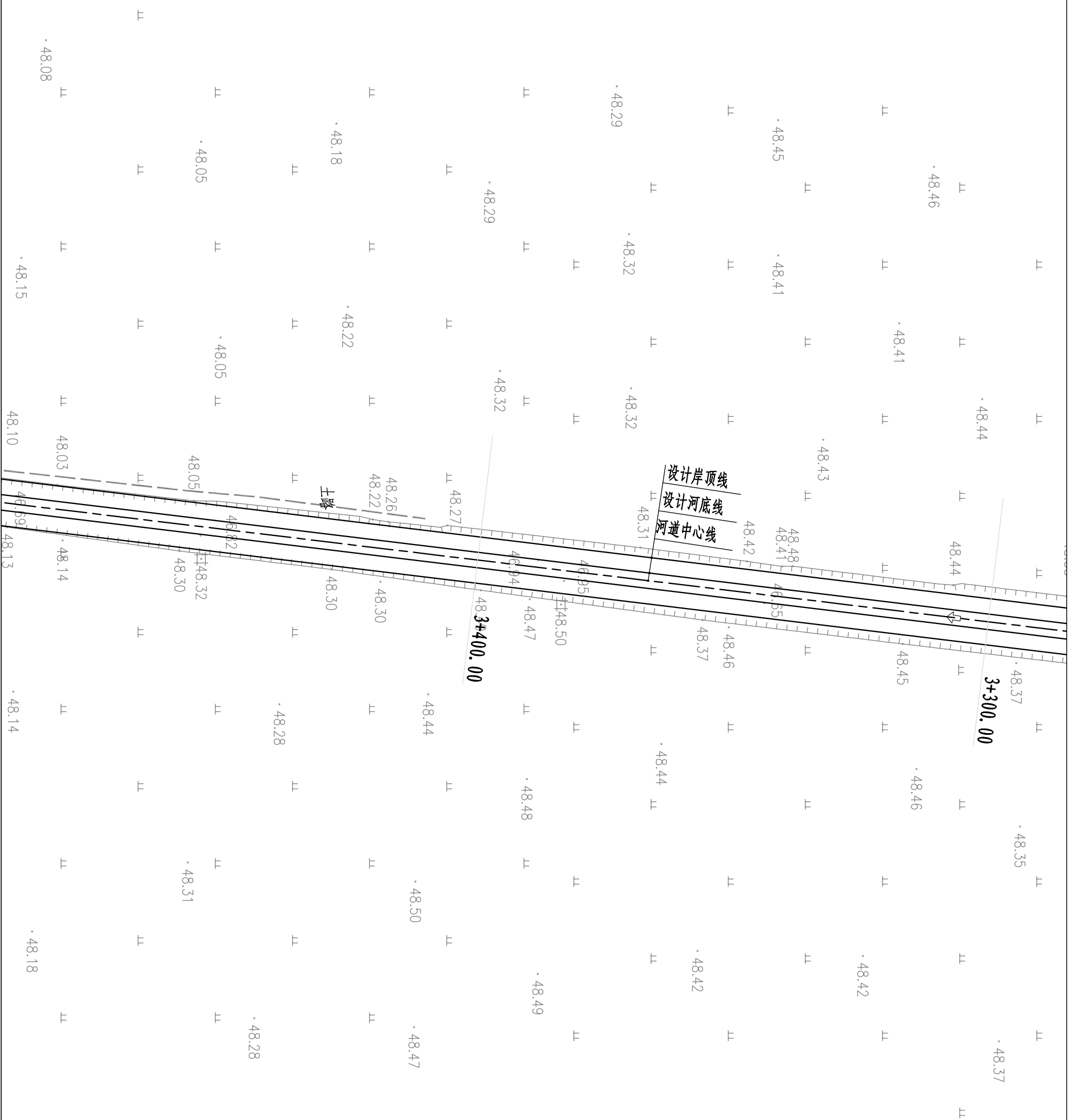


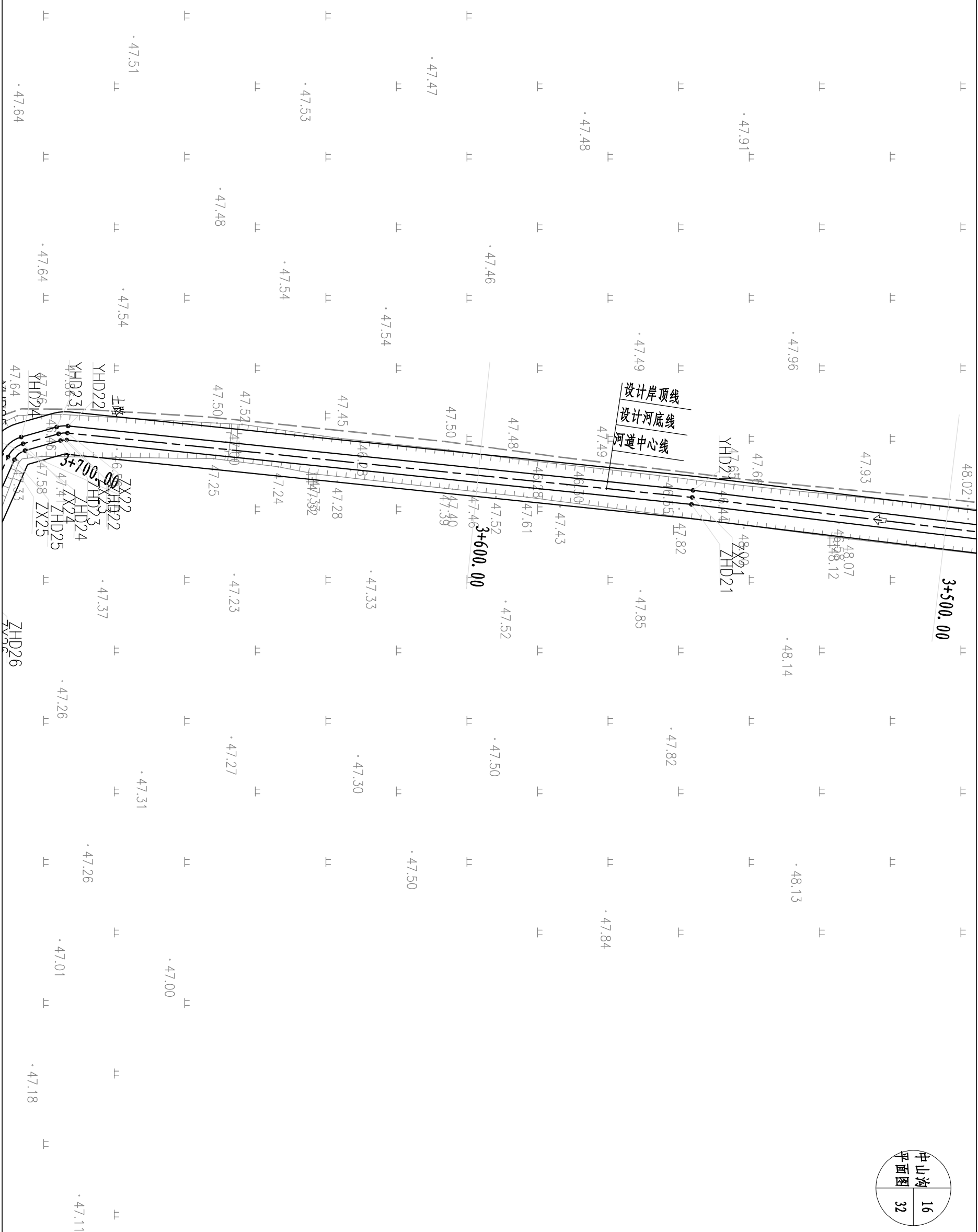


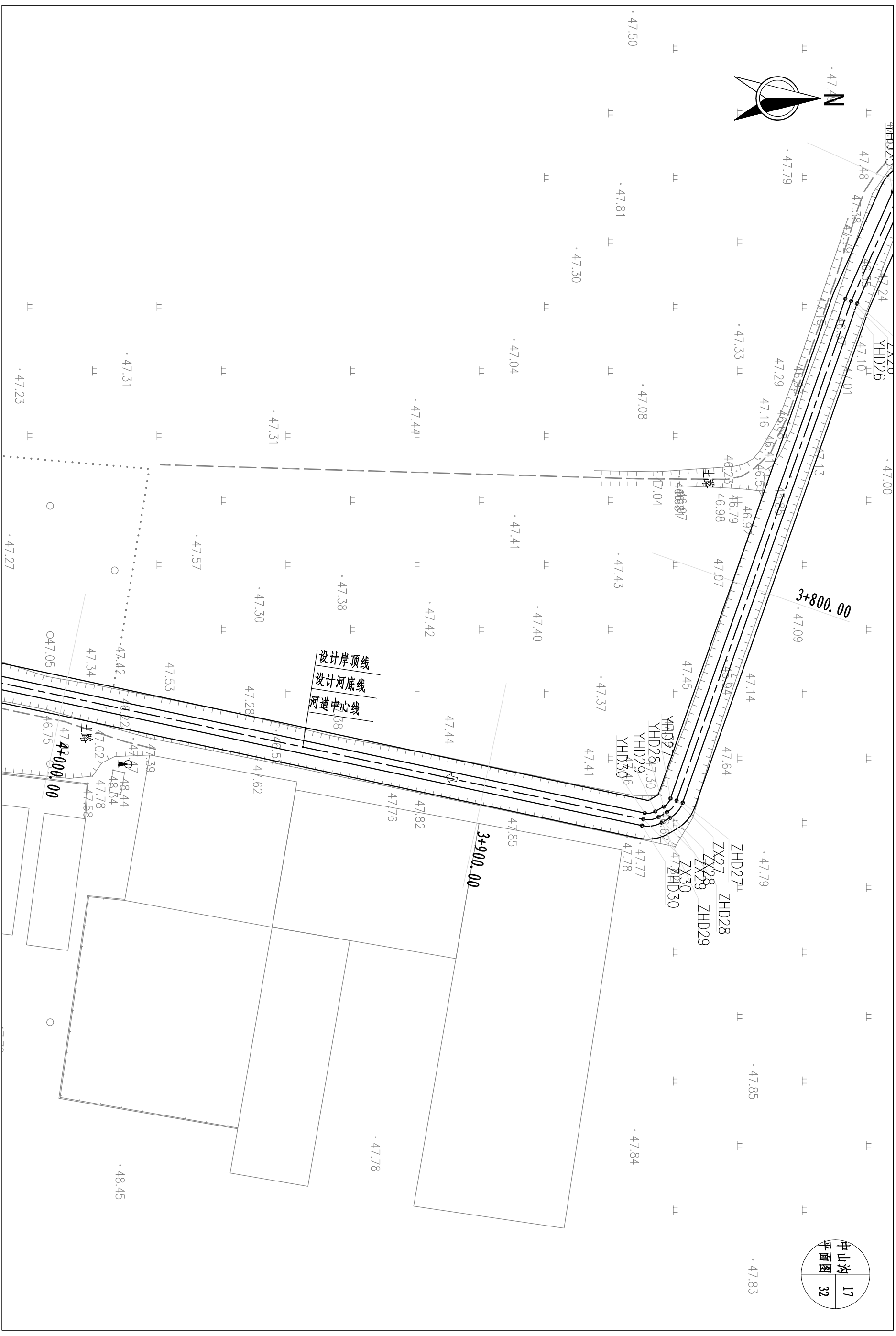


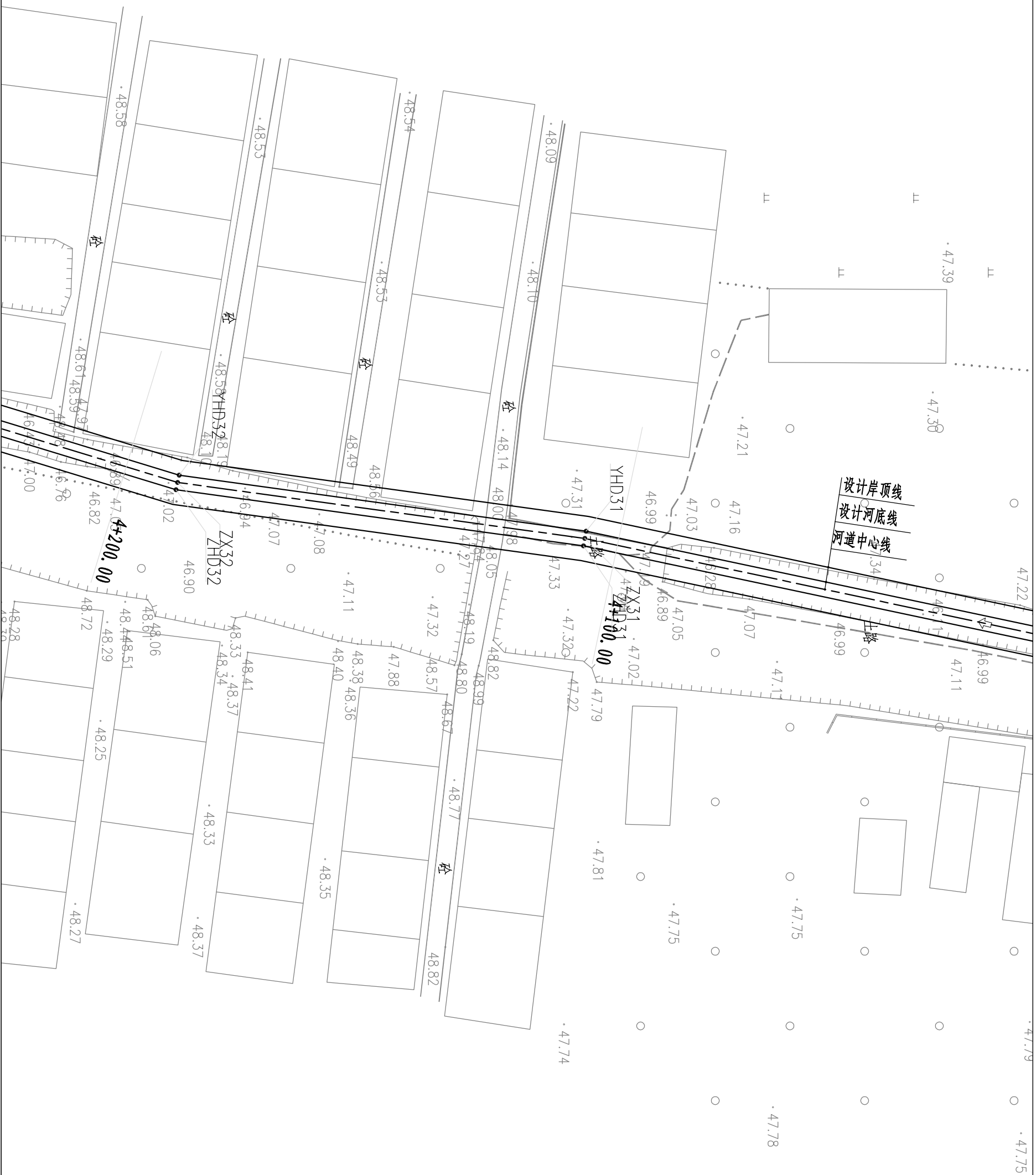




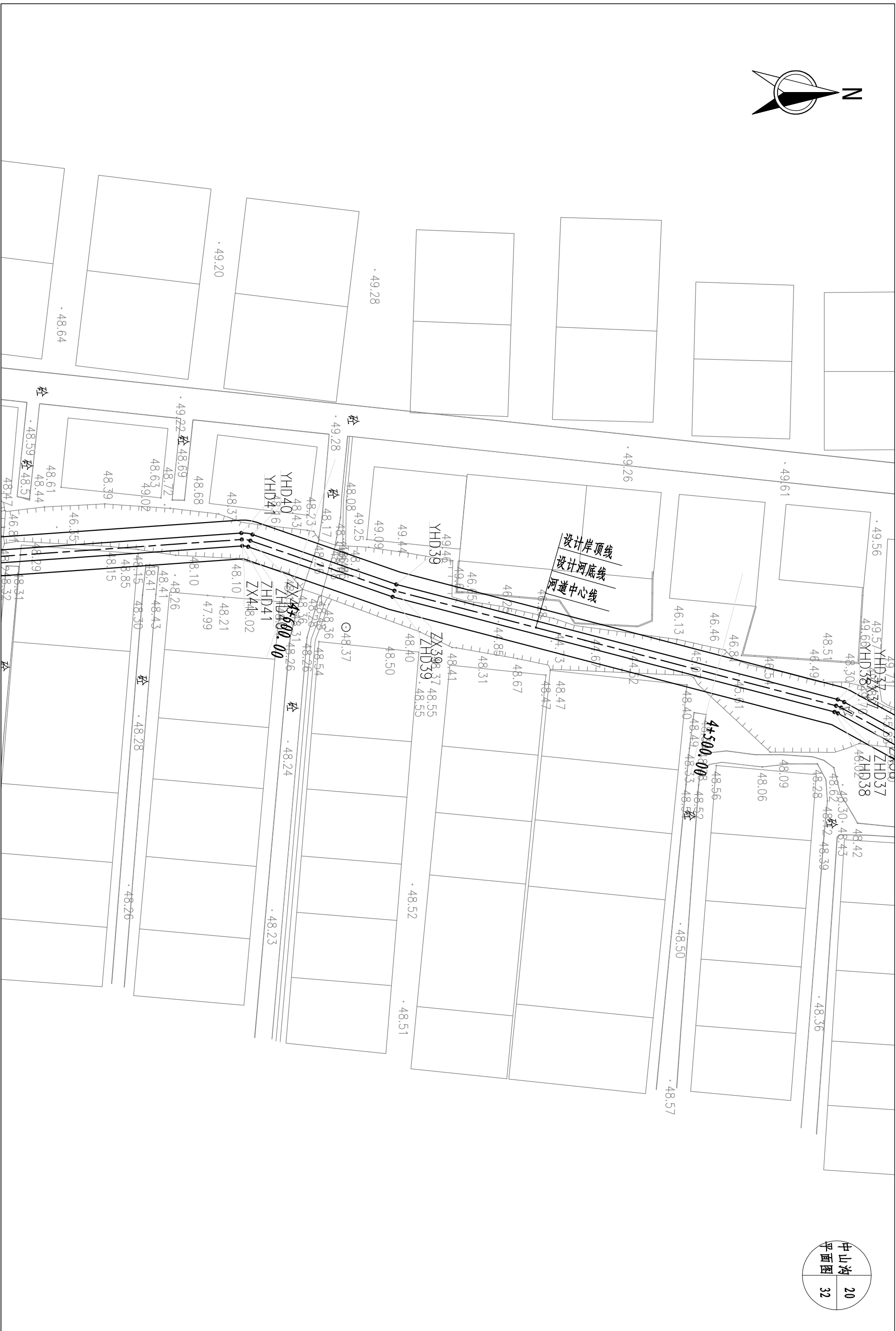
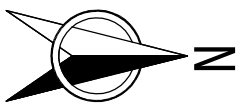


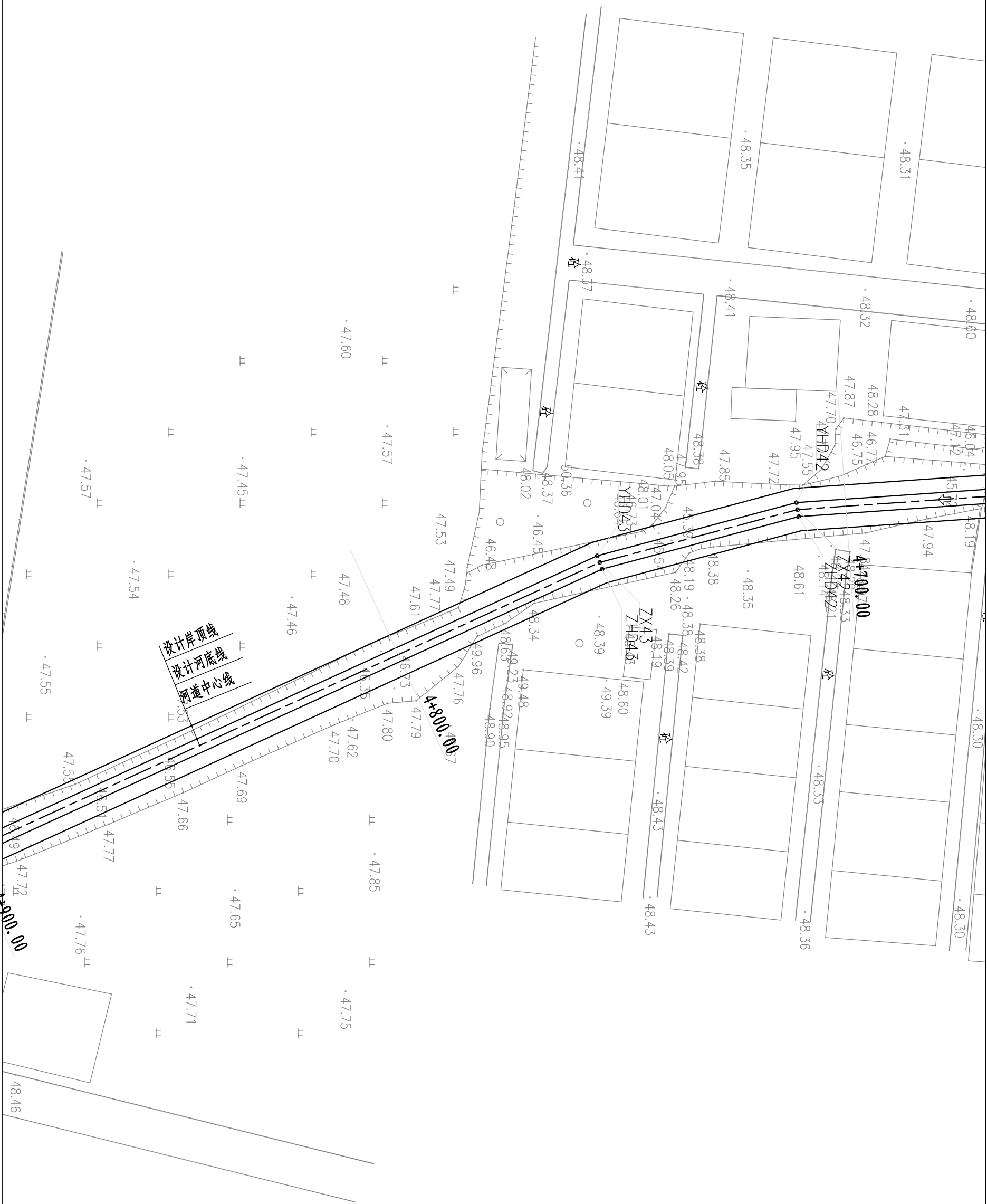


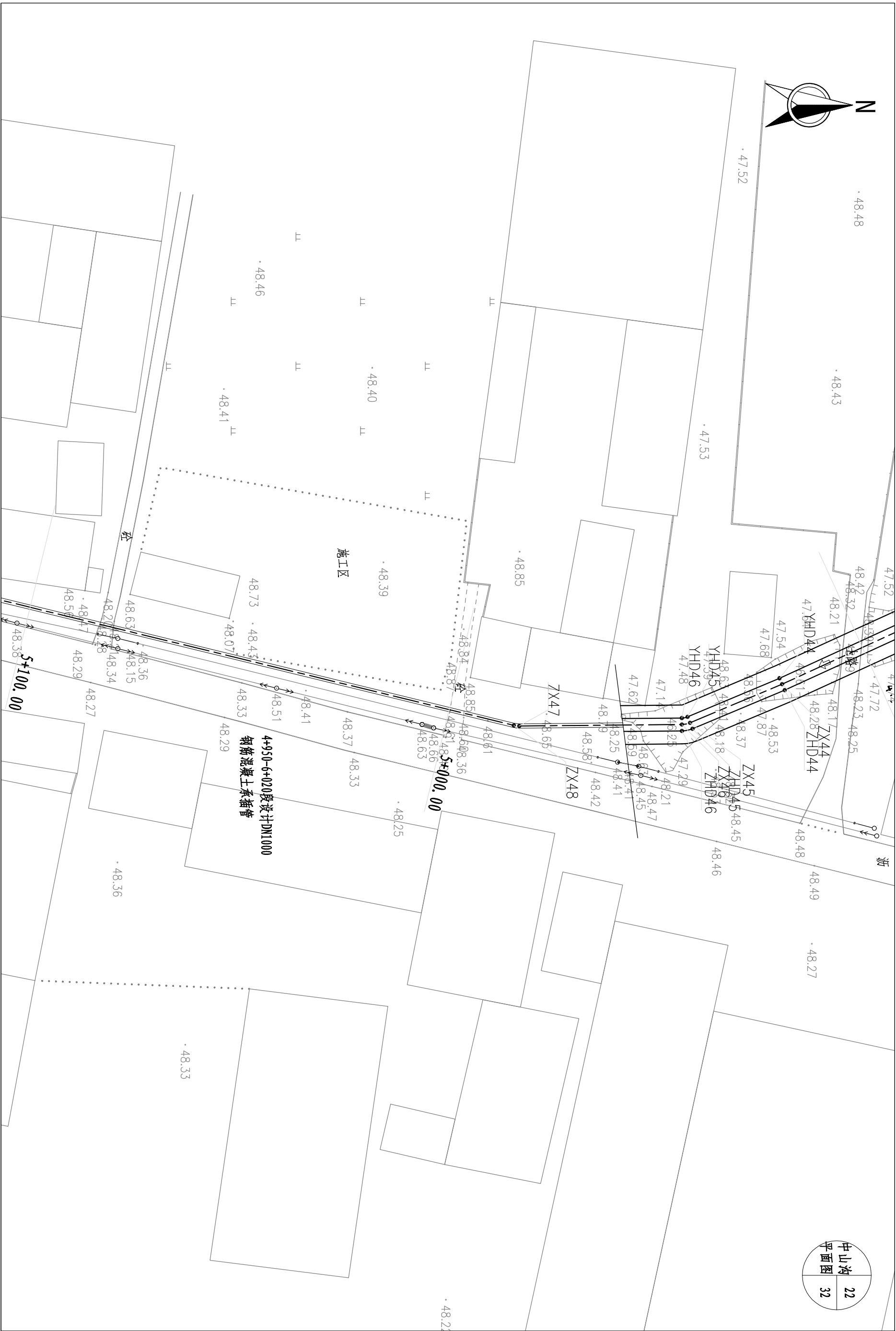




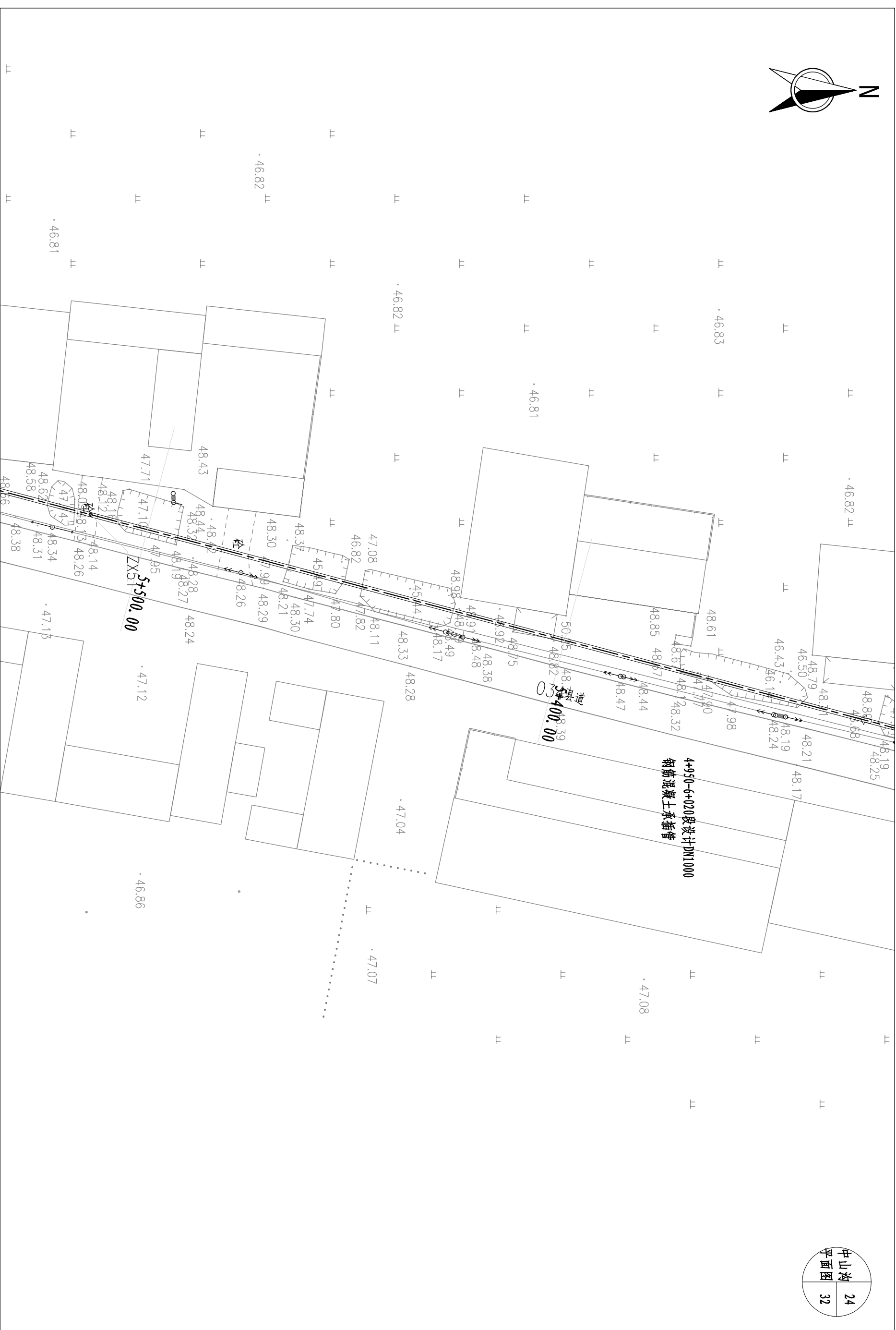
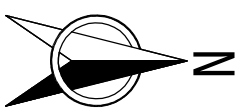






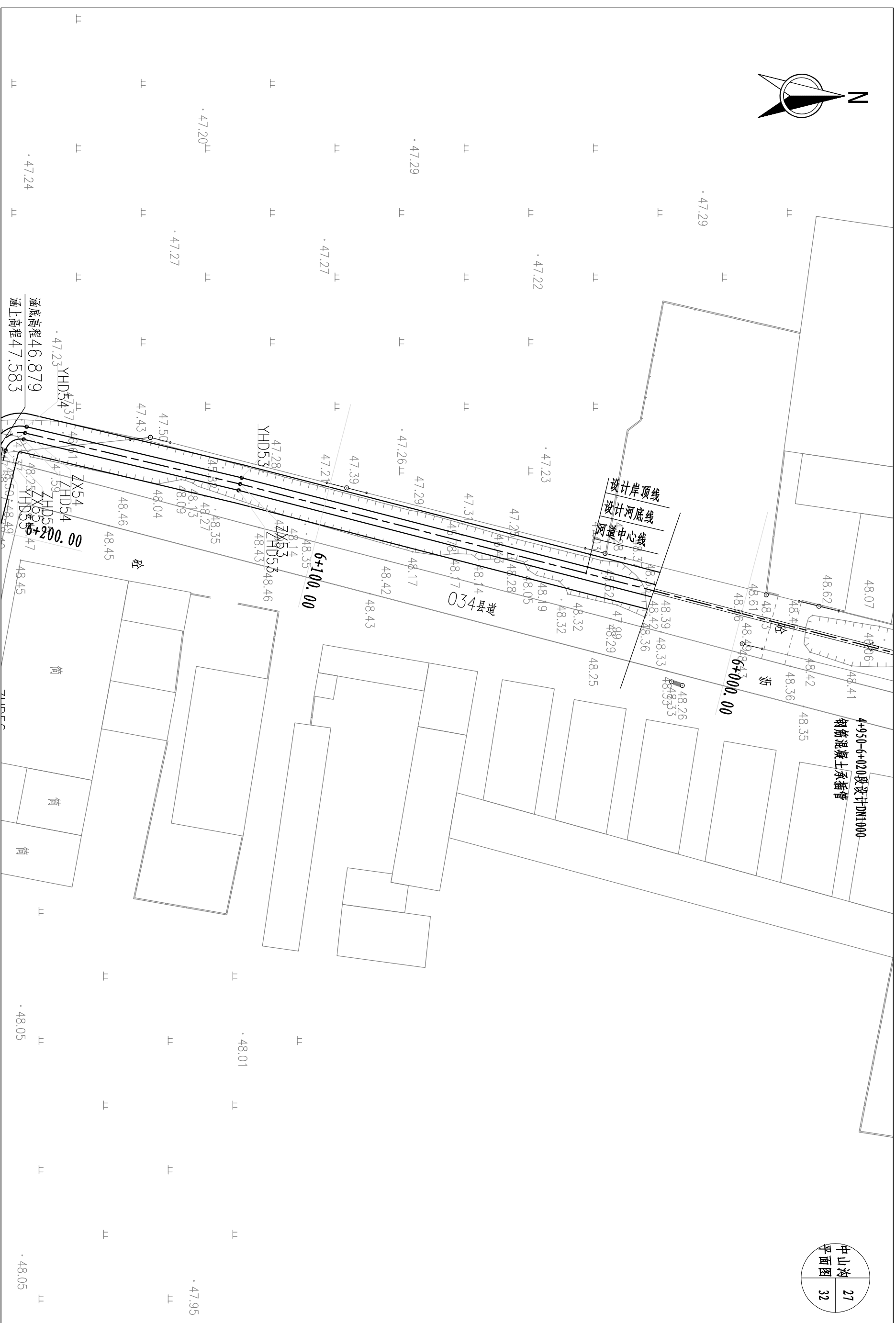


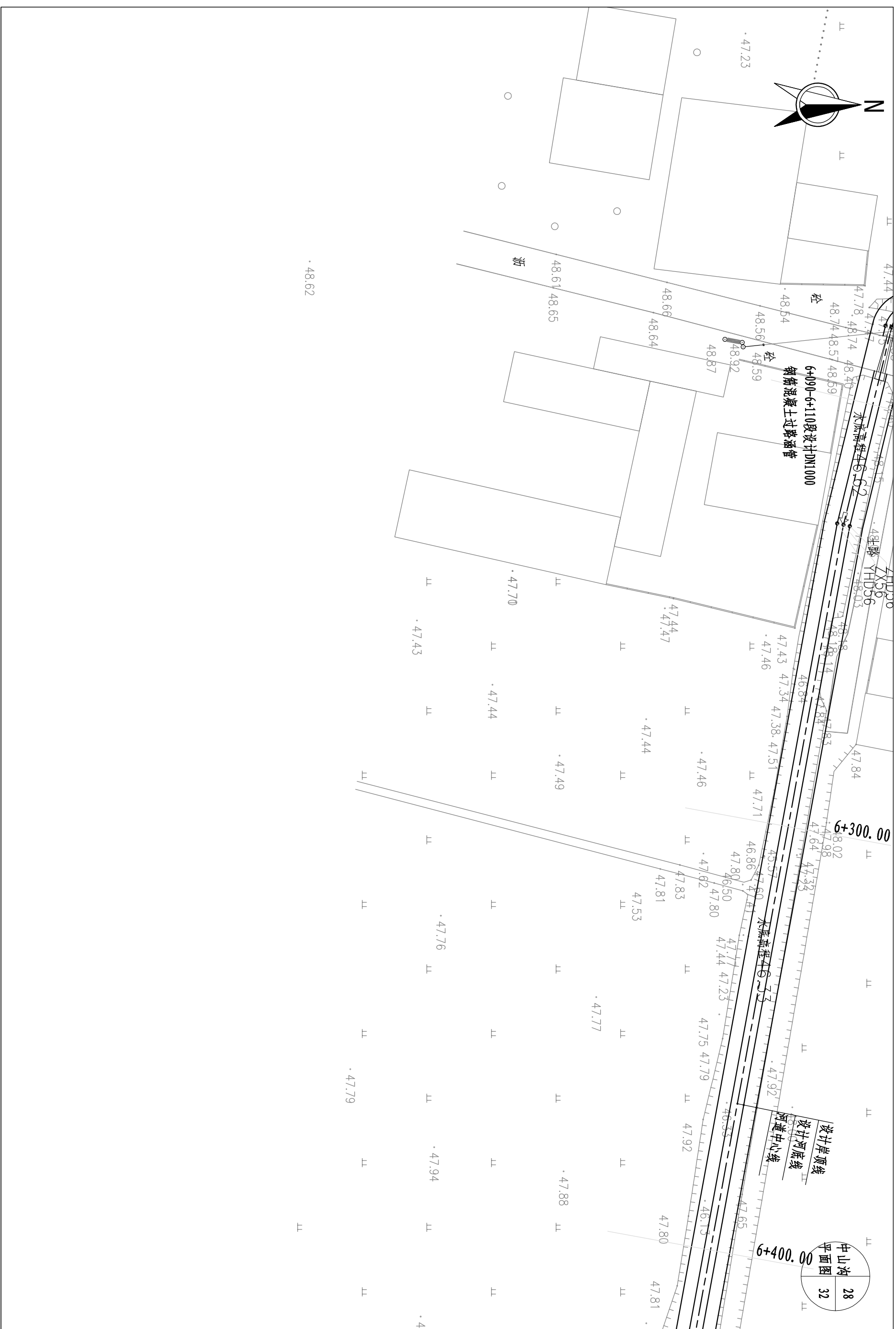


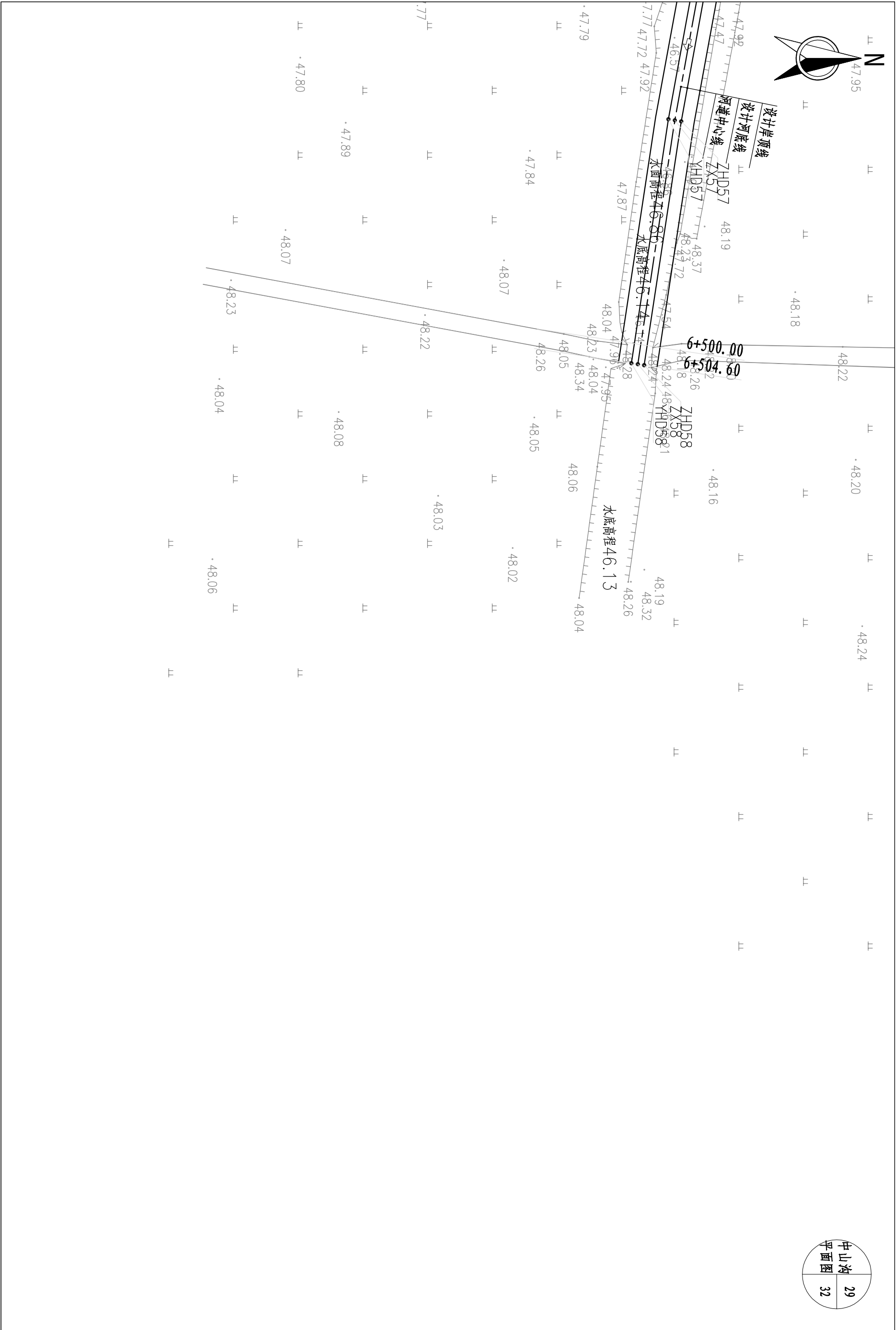












中心线控制点坐标

编号	桩号	坐 标 值		转弯半径R (m)	平面转角 α (°)
		X	Y		
ZK1	0+00. 00	3806691. 26	516385. 57	—	—
ZK2	0+160. 99	3806540. 15	516330. 04	5. 00	82. 65663°
ZK3	0+168. 20	3806537. 00	516324. 24		
ZK4	0+176. 95	3806538. 94	516315. 71	5. 00	85. 94185°
ZK5	0+184. 45	3806535. 52	516309. 81		
ZK6	0+515. 83	3806218. 56	516213. 14	—	0. 52977°
ZK7	0+747. 49	3805996. 36	516147. 60	—	0. 87103°
ZK8	0+801. 38	3805944. 91	516131. 57	—	0. 43016°
ZK9	0+903. 72	3805846. 97	516101. 87	—	0. 68427°
ZK10	1+000. 53	3805754. 00	516074. 88	—	0. 90288°
ZK11	1+056. 89	3805699. 63	516060. 02	—	4. 83123°
ZK12	1+090. 47	3805668. 11	516048. 47	—	4. 39518°
ZK13	1+187. 36	3805574. 84	516022. 21	—	0. 79233°
ZK14	1+296. 02	3805469. 85	515994. 22	5. 00	83. 99309°
ZK15	1+303. 35	3805466. 26	515988. 57		
ZK16	1+441. 93	3805489. 22	515851. 91	—	—
ZK17	1+562. 33	3805509. 18	515733. 18	—	1. 22804°
ZK18	1+843. 54	3805561. 71	515456. 92	5. 00	92. 44664°
ZK19	1+851. 60	3805557. 53	515451. 04		
ZK20	2+081. 26	3805330. 29	515417. 81	—	1. 42377°
ZK21	3+546. 82	3803875. 33	515241. 80	—	1. 00857°
ZK22	3+680. 36	3803742. 50	515228. 10	5. 00	21. 64019°
ZK23	3+682. 25	3803740. 63	515228. 26		
ZK24	3+690. 10	3803733. 07	515230. 39	5. 00	50. 32342°
ZK25	3+694. 49	3803729. 86	515233. 18		
ZK26	3+721. 74	3803718. 81	515258. 09	—	4. 65364°
ZK27	3+844. 70	3803678. 23	515374. 16	5. 00	41. 05743°
ZK28	3+848. 28	3803675. 98	515376. 85		
ZK29	3+850. 54	3803674. 02	515377. 97	5. 00	41. 65538°
ZK30	3+854. 17	3803670. 51	515378. 51		

中心线控制点坐标

编号	桩号	坐 标 值		转弯半径R (m)	平面转角 α (°)
		X	Y		
ZK31	4+098. 59	3803431. 42	515327. 76	—	4. 14768°
ZK32	4+181. 12	3803349. 66	515316. 51	—	9. 13024°
ZK33	4+259. 96	3803274. 25	515293. 50	—	0. 63461°
ZK34	4+311. 42	3803225. 20	515277. 94	5. 00	14. 17223°
ZK35	4+312. 65	3803224. 08	515277. 43		
ZK36	4+360. 87	3803183. 09	515252. 04	—	2. 93111°
ZK37	4+461. 94	3803094. 56	515203. 28	5. 00	14. 23764°
ZK38	4+463. 18	3803093. 41	515202. 82		
ZK39	4+568. 98	3802991. 03	515176. 14	—	4. 54836°
ZK40	4+604. 34	3802957. 62	515164. 54	5. 00	23. 15183°
ZK41	4+606. 36	3802955. 64	515164. 28		
ZK42	4+702. 06	3802860. 17	515170. 95	—	10. 96019°
ZK43	4+745. 19	3802818. 50	515182. 08	—	9. 62008°
ZK44	4+912. 37	3802666. 47	515251. 62	—	1. 81298°
ZK45	4+935. 50	3802645. 14	515260. 57	5. 00	22. 22023°
ZK46	4+937. 44	3802643. 25	515260. 96		
ZK47	4+975. 16	3802605. 54	515261. 32	5. 00	14. 27570°
ZK48	4+976. 40	3802604. 30	515261. 18		
ZK49	5+111. 91	3802472. 67	515229. 02	—	0. 61593°
ZK50	5+253. 35	3802335. 64	515193. 97	—	0. 51324°
ZK51	5+505. 41	3802092. 01	515129. 33	—	0. 10075°
ZK52	5+766. 68	3801839. 36	515062. 77	—	0. 28025°
ZK53	6+112. 06	3801504. 95	514976. 42	—	1. 13322°
ZK54	6+163. 36	3801455. 03	514964. 58	5. 00	89. 63917°
ZK55	6+171. 18	3801449. 02	514968. 26		
ZK56	6+218. 42	3801437. 83	515014. 15	—	3. 32486°
ZK57	6+437. 15	3801398. 41	515229. 30	—	1. 74693°
ZK58	6+494. 32	3801389. 83	515285. 82	—	—

左岸河底控制点坐标

编号	桩号	坐 标 值		转弯半径R (m)	平面转角 α (°)
		X	Y		
ZHD1	0+000.00	3806690.74	516386.98	—	—
ZHD2	0+160.99	3806539.63	516331.45	6.50	82.65663°
ZHD3	0+170.37	3806535.54	516323.91		
ZHD4	0+179.12	3806537.48	516315.37	3.50	85.95585°
ZHD5	0+184.37	3806535.08	516311.25		
ZHD6	0+515.74	3806218.13	516214.57	—	0.52977°
ZHD7	0+747.40	3805995.93	516149.04	—	0.87103°
ZHD8	0+801.30	3805944.46	516133.01	—	0.43016°
ZHD9	0+903.63	3805846.55	516103.31	—	0.68427°
ZHD10	1+000.42	3805753.60	516076.32	—	0.90288°
ZHD11	1+056.83	3805699.18	516061.45	—	4.83123°
ZHD12	1+090.41	3805667.65	516049.90	—	4.39518°
ZHD13	1+187.24	3805574.44	516023.66	—	0.79233°
ZHD14	1+295.89	3805669.45	515995.67	6.50	84.06892°
ZHD15	1+305.43	3805464.78	515988.32		
ZHD16	1+444.01	3805487.74	515851.66	—	—
ZHD17	1+564.42	3805507.70	515732.91	—	1.22804°
ZHD18	1+845.64	3805560.24	515456.64	3.50	92.44664°
ZHD19	1+851.29	3805557.31	515452.53		
ZHD20	2+080.93	3805330.09	515419.29	—	1.42377°
ZHD21	3+546.46	3803875.16	515243.29	—	1.00857°
ZHD22	3+679.98	3803742.35	515229.59	3.50	21.64019°
ZHD23	3+681.31	3803741.04	515229.71		
ZHD24	3+689.16	3803733.48	515231.84	3.50	50.32342°
ZHD25	3+692.23	3803731.23	515233.79		
ZHD26	3+719.42	3803720.21	515258.64	—	4.65364°
ZHD27	3+842.32	3803679.64	515374.65	6.50	41.05743°
ZHD28	3+846.97	3803676.73	515378.15		
ZHD29	3+849.23	3803674.76	515379.27	6.50	41.65538°
ZHD30	3+853.96	3803670.20	515379.98		

左岸河底控制点坐标

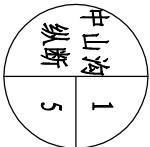
编号	桩号	坐 标 值		转弯半径R (m)	平面转角 α (°)
		X	Y		
ZHD31	4+098.32	3803431.16	515329.24	—	4.14768°
ZHD32	4+180.92	3803349.34	515317.98	—	9.13024°
ZHD33	4+239.88	3803273.81	515294.94	—	0.63461°
ZHD34	4+311.35	3803224.75	515279.37	6.50	14.11723°
ZHD35	4+312.96	3803223.29	515278.70		
ZHD36	4+361.13	3803182.34	515253.33	—	2.93111°
ZHD37	4+462.17	3803093.83	515204.59	3.50	14.23764°
ZHD38	4+463.04	3803093.03	515204.27		
ZHD39	4+568.89	3802990.59	515177.58	—	4.54836°
ZHD40	4+604.32	3802957.13	515165.96	3.50	23.15185°
ZHD41	4+605.73	3802955.74	515165.77		
ZHD42	4+701.28	3802860.42	515172.44	—	10.96019°
ZHD43	4+744.15	3802819.01	515183.50	—	9.62008°
ZHD44	4+911.22	3802667.07	515252.99	—	1.81298°
ZHD45	4+934.38	3802645.72	515261.95	6.50	22.22025°
ZHD46	4+936.90	3802643.27	515262.46		
ZHD47	4+974.62	3802605.55	515262.82	6.50	14.27570°
ZHD48	4+976.23	3802603.95	515262.63		
ZHD49	5+111.75	3802472.31	515230.47	—	0.61593°
ZHD50	5+233.21	3802335.26	515195.42	—	0.51324°
ZHD51	5+505.27	3802091.63	515130.78	—	0.10075°
ZHD52	5+766.53	3801838.98	515064.22	—	0.28025°
ZHD53	6+111.90	3801504.59	514977.88	—	1.13322°
ZHD54	6+163.18	3801454.69	514966.04	3.50	89.63917°
ZHD55	6+168.66	3801450.48	514968.61		
ZHD56	6+215.85	3801439.29	515014.47	—	3.32486°
ZHD57	6+434.51	3801399.89	515229.54	—	1.74693°
ZHD58	6+491.66	3801391.31	515286.05	—	—

右岸河底控制点坐标

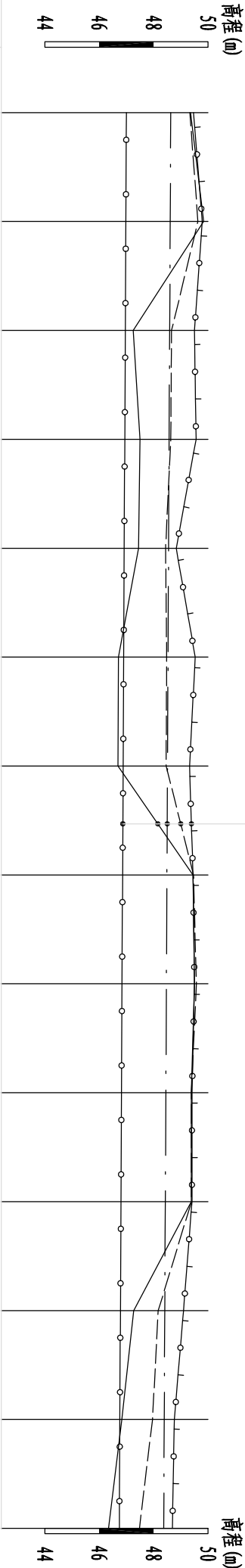
编号	桩号	坐 标 值		转弯半径R(m)	平面转角 α (°)
		X	Y		
YHD1	0+000.00	380691.78	516384.16	—	—
YHD2	0+160.99	3806540.67	516328.63	3.50	82.6563°
YHD3	0+166.04	3806538.46	516324.57		
YHD4	0+174.79	3806540.41	516316.04		
YHD5	0+184.54	3806535.96	516308.38	6.50	85.93304°
YHD6	0+515.92	3806218.99	516211.70		
YHD7	0+747.58	3805996.80	516146.17		
YHD8	0+801.46	3805945.35	516130.14	—	0.43016°
YHD9	0+903.82	3805847.40	516100.43	—	0.6847°
YHD10	1+000.65	3805754.41	516073.43	—	0.90288°
YHD11	1+056.96	3805700.09	516058.59	—	4.83123°
YHD12	1+090.53	3805668.57	516047.04	—	4.39518°
YHD13	1+187.49	3805575.23	516020.77	—	0.79233°
YHD14	1+296.15	3805470.24	515992.77	3.50	83.87268°
YHD15	1+301.28	3805467.74	515988.82		
YHD16	1+439.86	3805490.70	515852.16		
YHD17	1+560.23	3805510.65	515733.44	—	1.22804°
YHD18	1+841.43	3805563.19	515457.20	6.50	92.44664°
YHD19	1+851.91	3805557.74	515449.56		
YHD20	2+081.59	3805330.49	515416.32		
YHD21	3+547.18	3803875.50	515240.31	—	1.00857°
YHD22	3+680.73	3803742.65	515226.61	6.50	21.64019°
YHD23	3+683.19	3803740.22	515226.82		
YHD24	3+691.04	3803732.67	515228.95		
YHD25	3+696.75	3803728.49	515232.57	—	50.32342°
YHD26	3+724.06	3803717.41	515257.54		
YHD27	3+847.08	3803676.81	515373.66		
YHD28	3+849.58	3803675.24	515375.55	3.50	41.05743°
YHD29	3+851.84	3803673.28	515376.66		
YHD30	3+854.39	3803670.82	515377.05	3.50	41.65538°

右岸河底控制点坐标

编号	桩号	坐 标 值		转弯半径R(m)	平面转角 α (°)
		X	Y		
YHD31	4+098.86	3803431.67	515326.28	—	4.14768°
YHD32	4+181.32	3803349.98	515315.04	—	9.13024°
YHD33	4+260.03	3803274.70	515292.07	—	0.63461°
YHD34	4+311.48	3803225.66	515276.51	3.50	14.17223°
YHD35	4+312.35	3803224.87	515276.15		
YHD36	4+360.60	3803183.85	515250.74		
YHD37	4+461.72	3803095.28	515201.97	—	2.93111°
YHD38	4+463.33	3803093.78	515201.37	6.50	14.23764°
YHD39	4+569.07	3802991.47	515174.71		
YHD40	4+604.37	3802958.12	515163.12	6.50	23.15185°
YHD41	4+607.00	3802955.53	515162.78		
YHD42	4+702.83	3802859.93	515169.46		
YHD43	4+746.24	3802817.99	515180.67	—	10.96019°
YHD44	4+913.52	3802665.87	515250.25	—	9.62008°
YHD45	4+936.63	3802644.56	515259.19	3.50	1.81298°
YHD46	4+937.98	3802643.24	515259.46		
YHD47	4+975.70	3802605.52	515259.82		
YHD48	4+976.57	3802604.66	515259.72	3.50	14.27570°
YHD49	5+112.07	3802473.04	515227.56		
YHD50	5+253.50	3802336.02	515192.52		
YHD51	5+505.55	3802092.40	515127.88	—	0.51324°
YHD52	5+766.82	3801839.74	515061.32	—	0.10075°
YHD53	6+112.23	3801505.31	514974.96	—	0.28025°
YHD54	6+163.54	3801455.38	514963.12	—	1.13322°
YHD55	6+173.71	3801447.56	514967.90	6.50	89.63917°
YHD56	6+220.99	3801436.36	515013.84		
YHD57	6+439.78	3801396.93	515229.05		
YHD58	6+496.98	3801388.35	515285.60	—	1.74693°
				—	—



左岸现状
右岸现状
设计水位
现状河底
设计河底



桩号	k0+000.00	k0+100.00	k0+200.00	k0+300.00	k0+400.00	k0+500.00	k0+600.00	k0+700.00	k0+800.00	k0+900.00	k1+000.00	k1+100.00	k1+200.00	k1+300.00
左岸现状高程 (m)	49.47	49.79	49.50	49.56	48.83	49.53	49.32	49.45	49.50	49.41	49.41	49.10	48.76	48.69
右岸现状高程 (m)	49.33	49.63	48.66	48.63	48.44	48.48	48.46	49.47	49.57	49.39	49.39	48.17	47.96	47.48
设计水位 (m)	48.63	48.61	48.59	48.57	48.55	48.53	48.51	48.49	48.47	48.45	48.43	48.41	48.39	48.37
设计河底高程 (m)	47.00	46.98	46.96	46.94	46.92	46.90	46.88	46.86	46.84	46.82	46.80	46.78	46.76	46.74
现状河底高程 (m)	49.36	49.84	47.25	47.50	47.45	46.71	46.69	49.45	49.50	49.39	49.39	47.27	46.83	46.34
底坡	1:5000													

纵断面1
纵向 1:200
横向 1:5000

说明:

- 1、本图尺寸除高程以米计之外，其他单位均以毫米计；
- 2、本图高程系为1985年国家高程基准，坐标系采用2000坐标系。

河南省中建建设工程设计有限公司		项目名称	尉氏县中山沟治理工程		图名	中山沟纵断面图 (1/5-5/5)		设计 校核	陈小鹏 张鹏	专业负责人 项目负责人	李林涛 陈涛	审核 专业	陈涛 水工	设计号 Project No.	2019-SZ037	图别 Drawing Sort	施工图
HENAN ZHONGJIAN CONSTRUCTION ENGINEERING DESIGN CO.,LTD		Project			Drawing Name			Check		Project Person in Charge		Speciality		Drawing No.	YS-02	Date	2019.09

设计水位

右岸现状

左岸现状

现状河底

设计河底

高程 (m)

50

48

46

44

高程 (m)

50

48

46

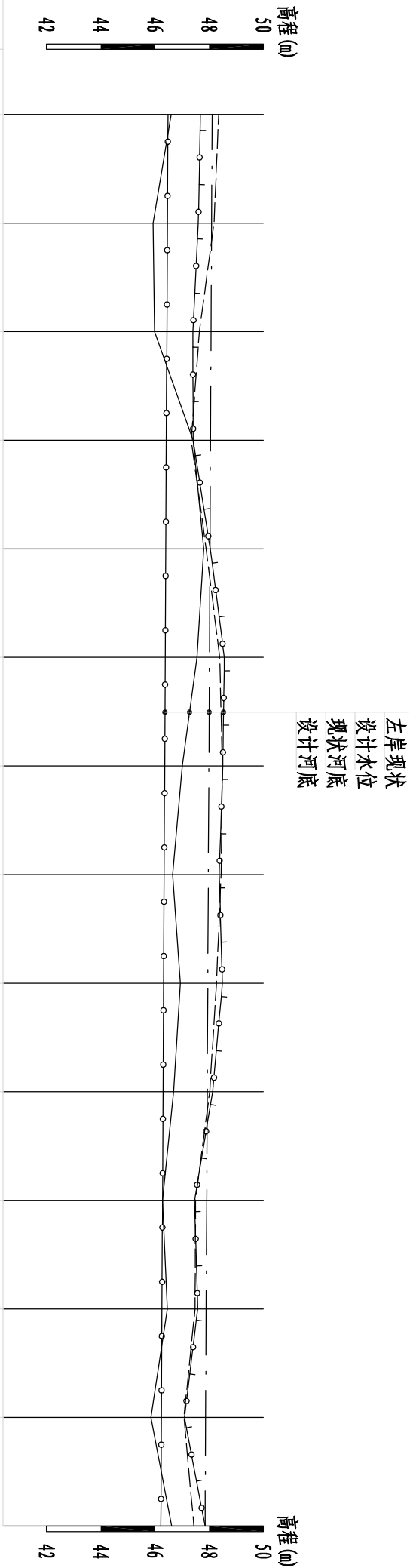
44

桩号	左岸现状高程 (m)	右岸现状高程 (m)	设计水位 (m)	设计河底高程 (m)	现状河底高程 (m)	底坡
k1+300.00	48.69	47.48	48.37	46.74	46.34	1:5000
k1+400.00	47.95	47.75	48.35	46.72	47.95	
k1+500.00	47.59	47.81	48.33	46.70	46.84	
k1+600.00	48.12	47.97	48.31	46.68	47.10	
k1+700.00	47.80	47.73	48.29	46.66	46.83	
k1+800.00	47.86	48.12	48.27	46.64	47.38	
k1+900.00	47.72	48.17	48.25	46.62	47.68	
k2+000.00	47.57	47.72	48.23	46.60	47.54	
k2+100.00	47.97	47.94	48.21	46.58	46.60	
k2+200.00	47.87	47.88	48.19	46.56	47.16	
k2+300.00	48.05	47.94	48.17	46.54	46.97	
k2+400.00	47.79	48.41	48.15	46.52	46.64	
k2+500.00	47.66	48.26	48.13	46.50	46.52	
k2+600.00	47.68	48.35	48.11	46.48	46.60	

纵断面2

纵向 1:200

横向 1:5000



桩号	左岸现状高程 (m)	右岸现状高程 (m)	设计水位 (m)	设计河底高程 (m)	现状河底高程 (m)
k2+600.00	47.68	48.35	48.11	46.48	46.60
k2+700.00	47.60	48.18	48.09	46.46	45.93
k2+800.00	47.40	47.64	48.07	46.44	45.99
k2+900.00	47.41	47.34	48.05	46.42	47.41
k3+000.00	48.04	47.89	48.03	46.40	47.80
k3+100.00	48.56	48.39	48.01	46.38	47.55
k3+200.00	48.50	48.49	47.99	46.36	47.01
k3+300.00	48.37	48.44	47.97	46.34	46.65
k3+400.00	48.49	48.27	47.95	46.32	46.94
k3+500.00	48.13	48.02	47.93	46.30	46.69
k3+600.00	47.46	47.50	47.91	46.28	46.28
k3+700.00	47.58	47.48	47.89	46.26	46.46
k3+800.00	47.09	47.07	47.87	46.24	45.85
k3+900.00	47.85	47.44	47.85	46.22	46.62

纵断面3

纵向 1:200

横向 1:5000

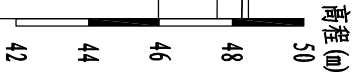
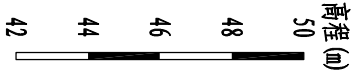
左岸现状

设计水位

右岸现状

设计河底

现状河底



桩号	左岸现状高程 (m)	右岸现状高程 (m)	设计水位 (m)	设计河底高程 (m)	现状河底高程 (m)	底坡
k3+900.00	47.85	47.44	47.85	46.22	46.62	1:5000
k4+000.00	47.02	47.05	47.83	46.20	46.22	
k4+100.00	47.32	47.31	47.81	46.18	47.04	
k4+200.00	48.28	48.48	47.79	46.16	46.89	
k4+300.00	48.79	48.43	47.77	46.14	48.47	
k4+400.00	48.16	48.19	47.75	46.12	48.22	
k4+500.00	48.39	46.81	47.73	46.10	45.31	
k4+600.00	48.12	48.23	47.71	46.08	46.35	
k4+700.00	48.20	47.70	47.69	46.06	45.72	
k4+800.00	48.67	47.48	47.67	46.04	46.73	
k4+900.00	47.72	48.21	47.65	46.02	48.20	
k5+000.00	48.40	48.85	47.63	46.00	48.61	
k5+100.00	48.38	48.47	47.61	45.98	48.38	
k5+200.00	48.27	48.46	47.59	45.96	48.27	

纵断面4

纵向 1:200

横向 1:5000

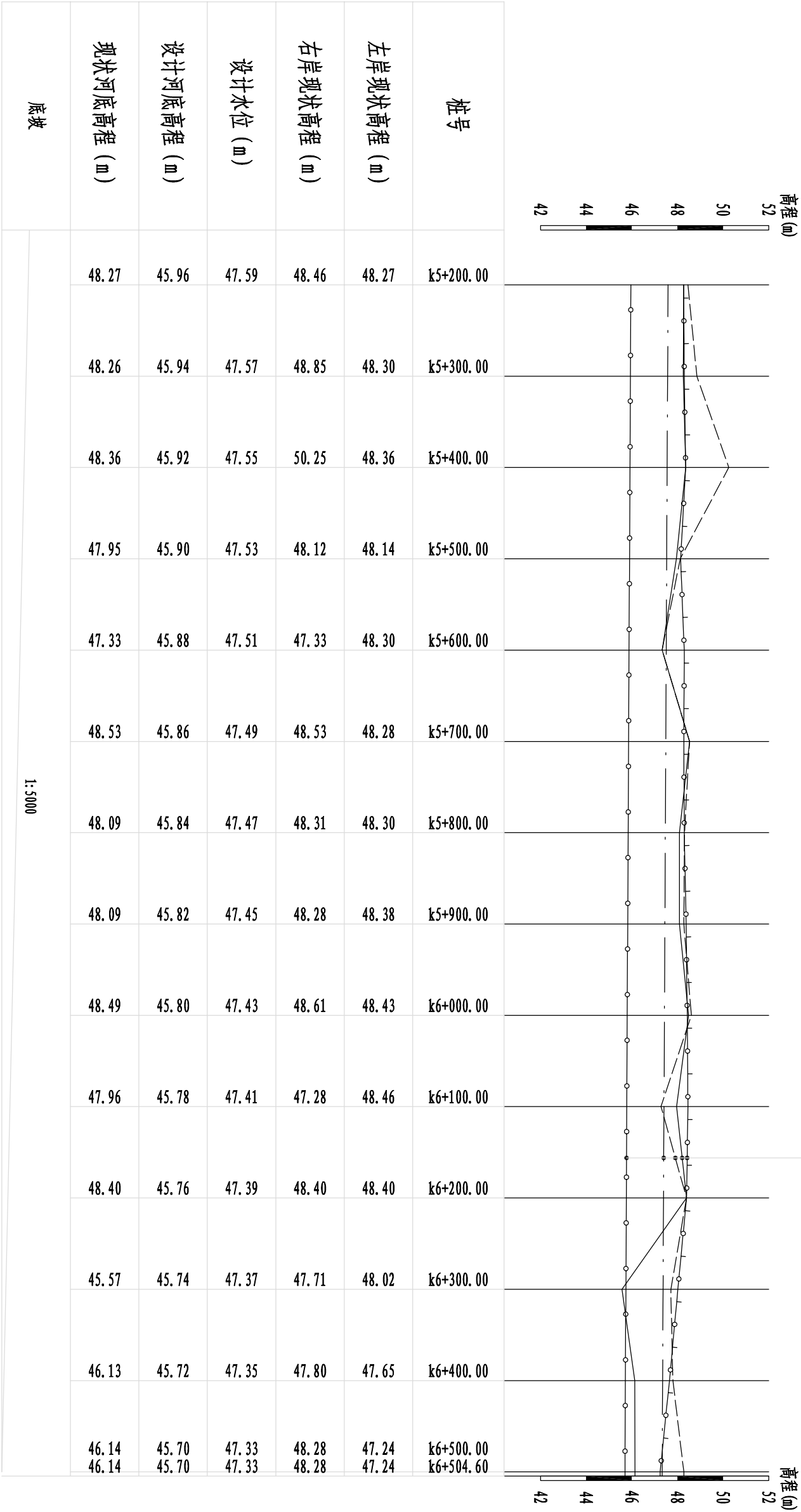
左岸现状

现状河底

右岸现状

设计水位

设计河底

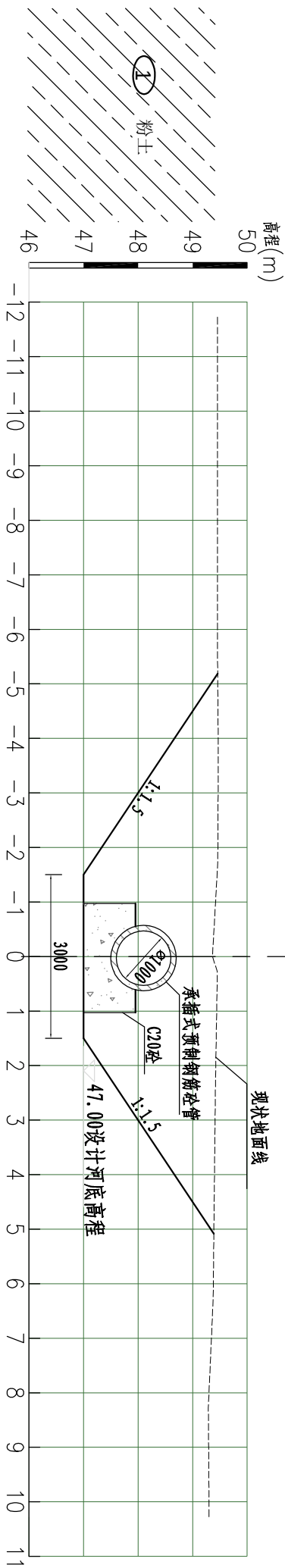
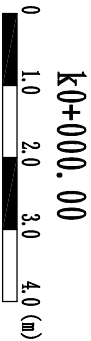
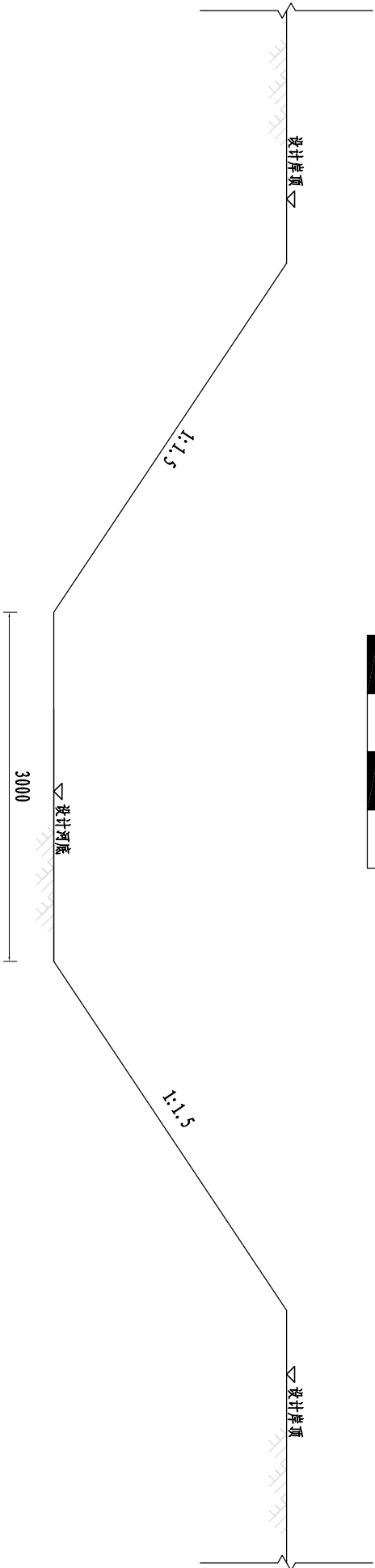
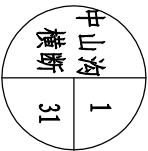


纵断面5

纵向 1:200

横向 1:5000

河道典型断面图

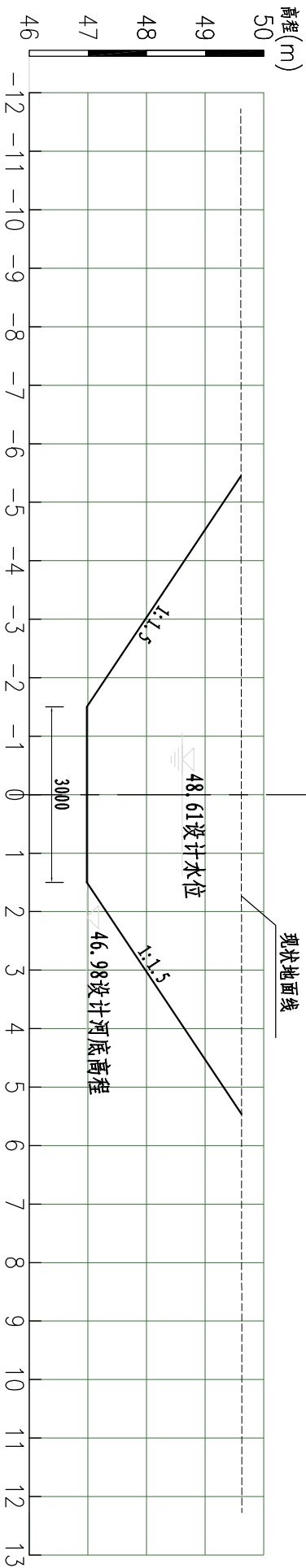


说明:

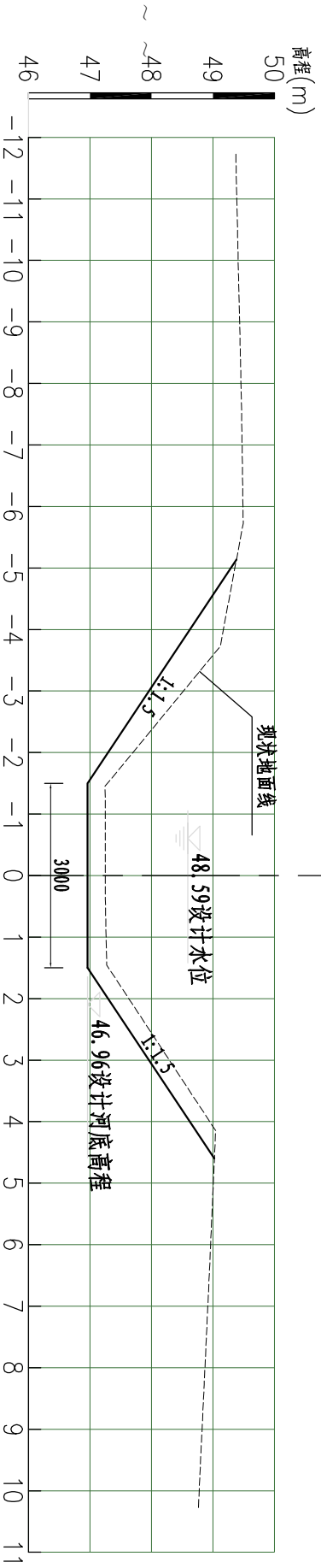
- 1、本图尺寸除高程以米计之外，其他单位均以毫米计；
- 2、本图高程系为1985年国家高程基准，坐标系采用2000坐标系；
- 3、0+000-0+160段渠道需要铺设涵管；0+160-0+180段、6+090-6+110段等需要破路修建过路管涵，详见涵管参数表；0+650-1+100段、4+950-6+020段铺设涵管，涵管采用直径1000mm承插式钢管波纹管；1+300-1+450段、1+830-2+050段、2+850-3+040段为原有河道被填平需重新开挖；0+180-0+650段、1+100-1+300段、1+450-1+830段、2+050-2+850段、3+040-4+950段、6+020-6+504段为中山沟河道年久失修需要进行清淤疏浚；内边坡1:1.5；
- 4、回填土采用分层碾压，压实度为0.93；
- 5、图中未详处按现行规范实施。

河南省中建建设工程设计有限公司		项目名称		尉氏县中山沟治理工程		图名		中山沟横断面图 (1/20-20/20)		设计		专业负责人		审核		设计号		图别	
HENAN ZHONGJIAN CONSTRUCTION ENGINEERING DESIGN CO. LTD		Project		尉氏县中山沟治理工程		Drawing Name		(1/20-20/20)		Design		Project In Charge		Speciality		Project No.		Drawing Sort	
										陈小微		李林		陈涛		2019-SZ037		施工图	
						校核		张鹏		张鹏		陈涛		陈涛		YS-03		日期	
																		2019.09	

k0+100.00

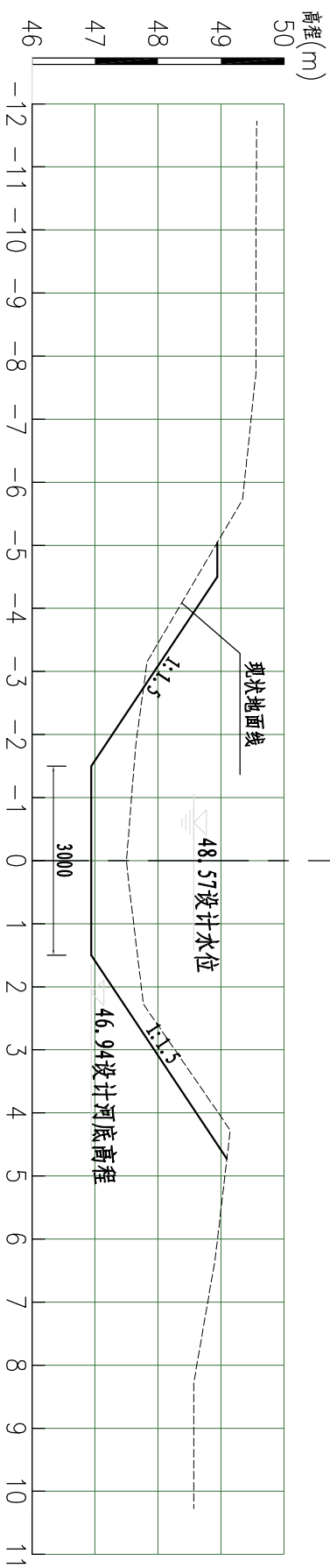


k0+200.00



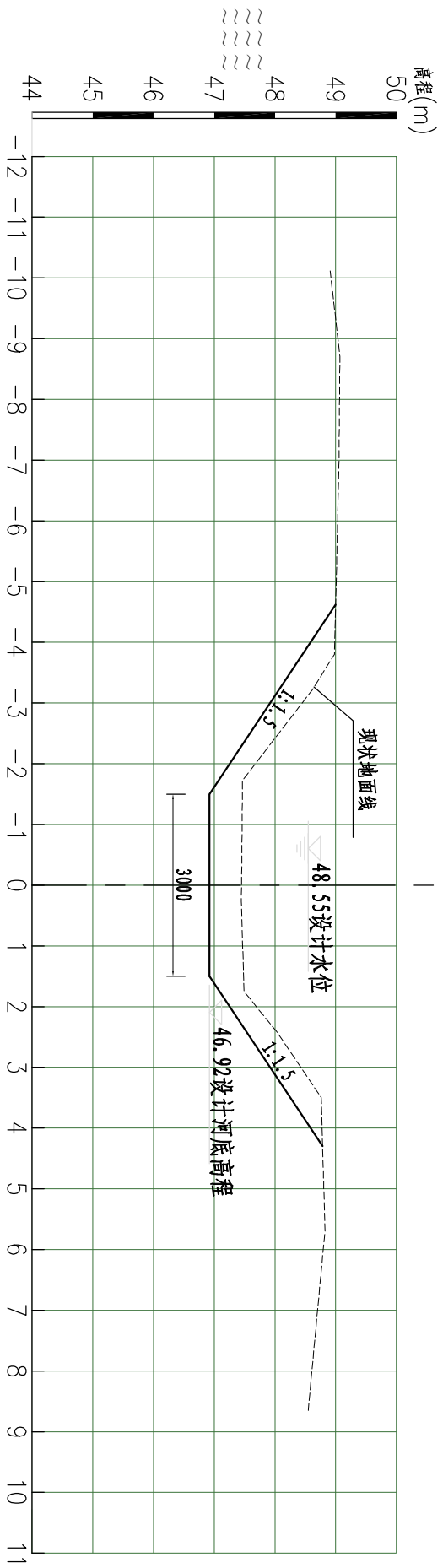
k0+300.00

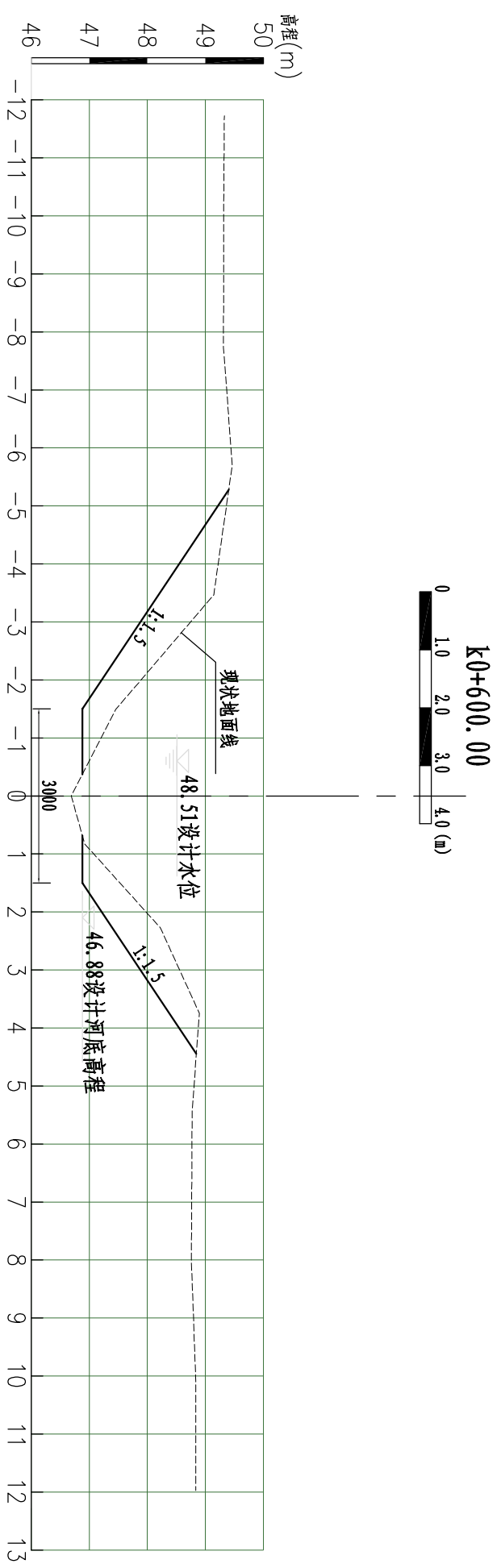
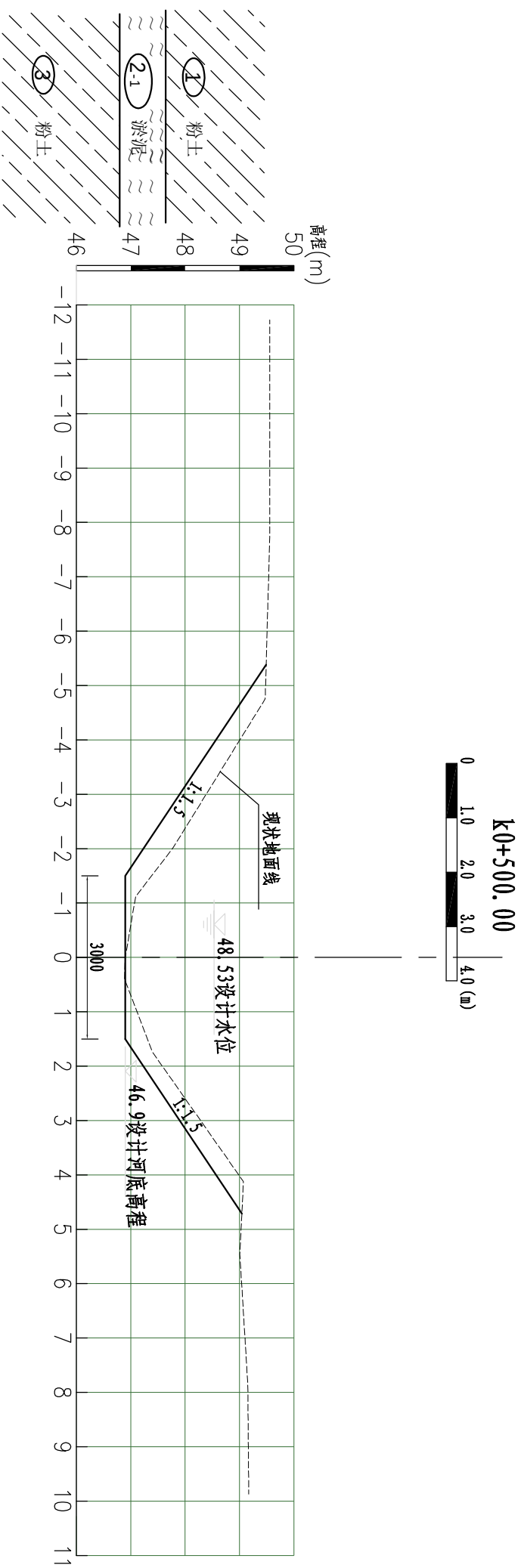
0 1.0 2.0 3.0 4.0 (m)



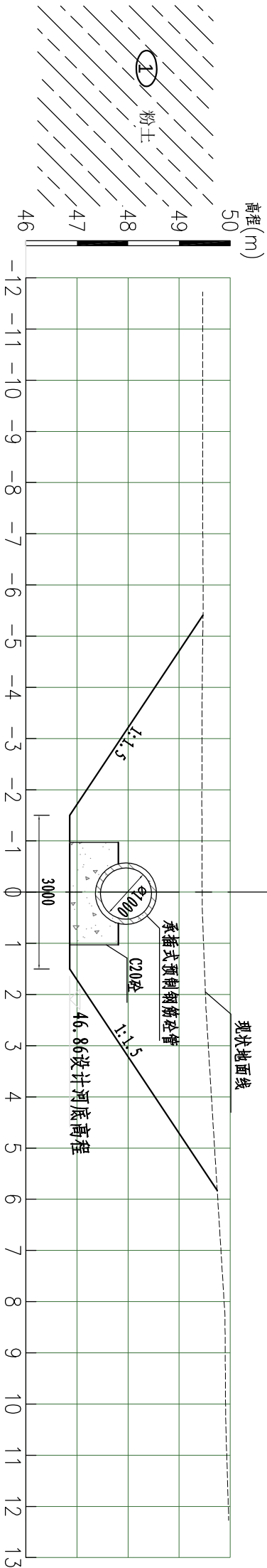
k0+400.00

0 1.0 2.0 3.0 4.0 (m)

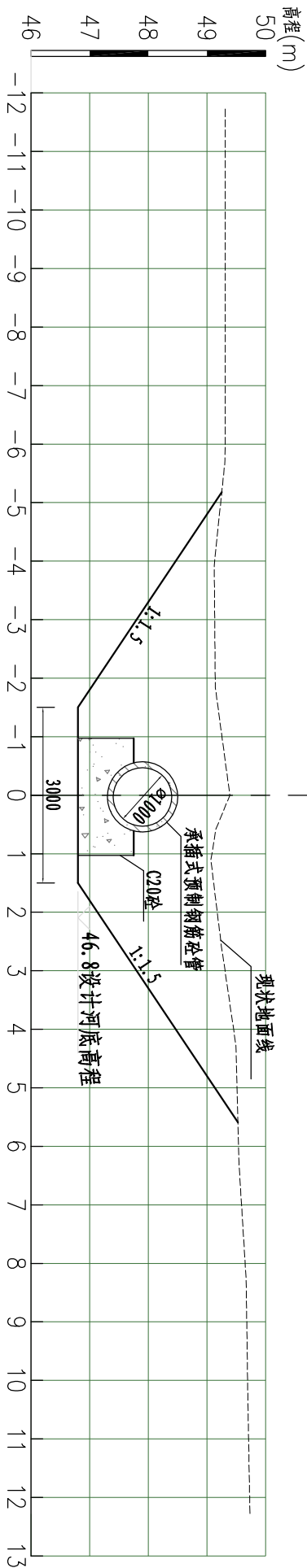


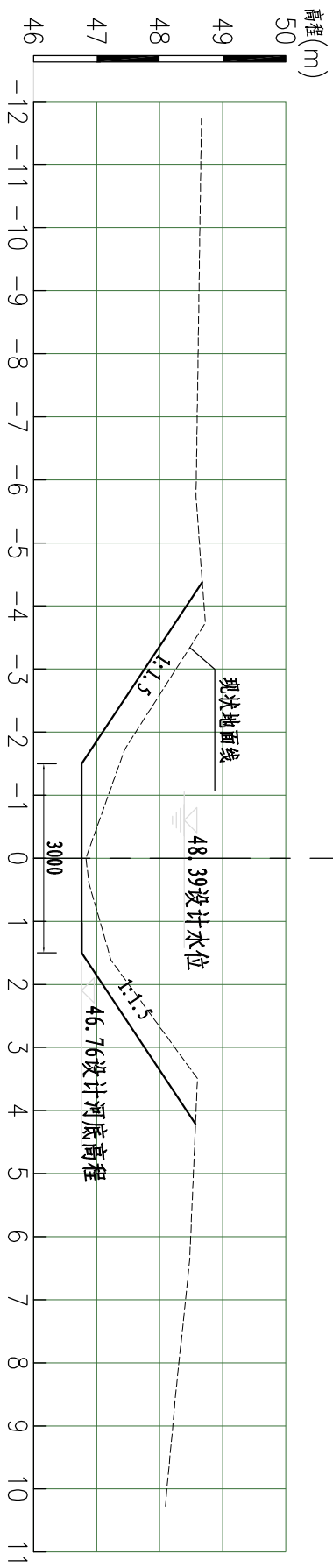
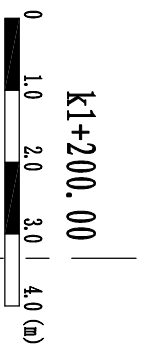
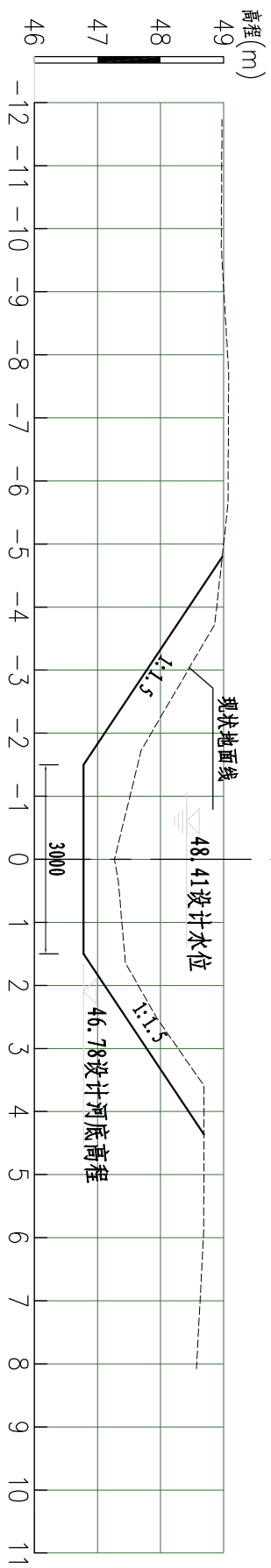
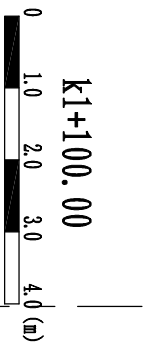


k0+700.00

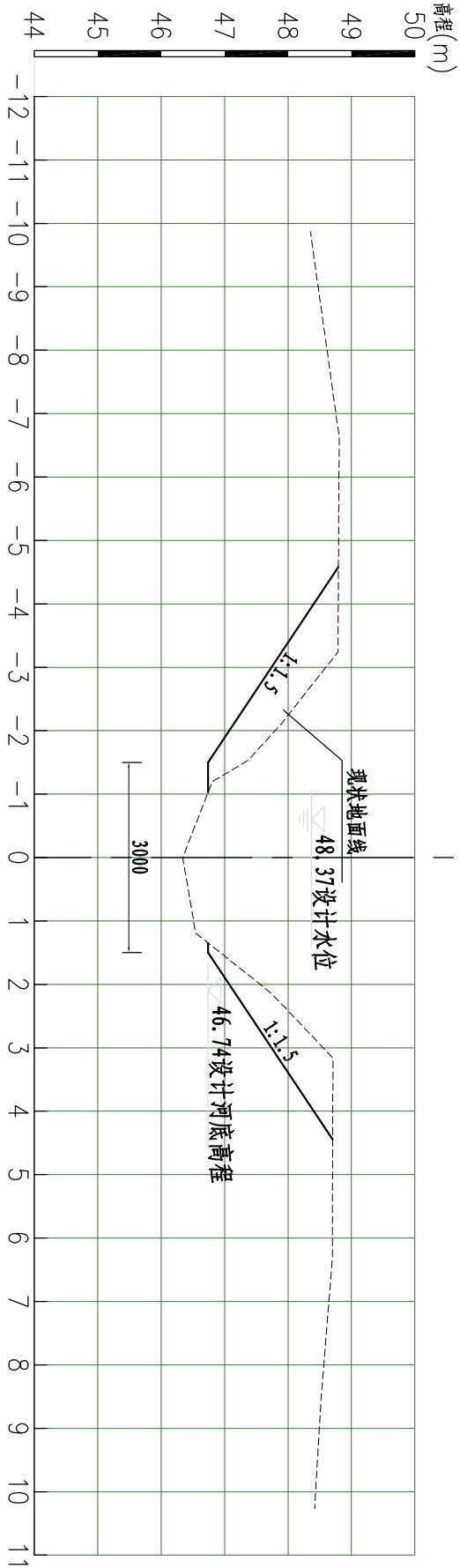


k1+000.00

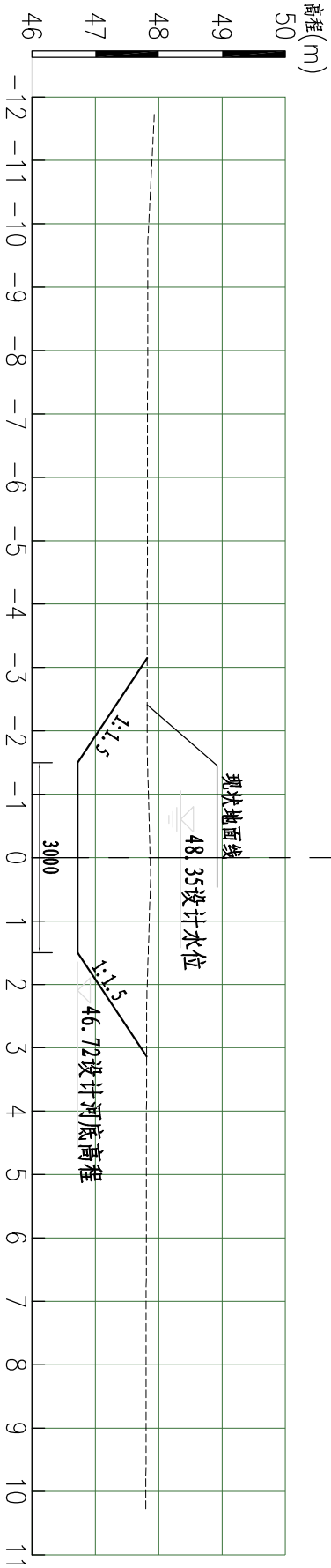


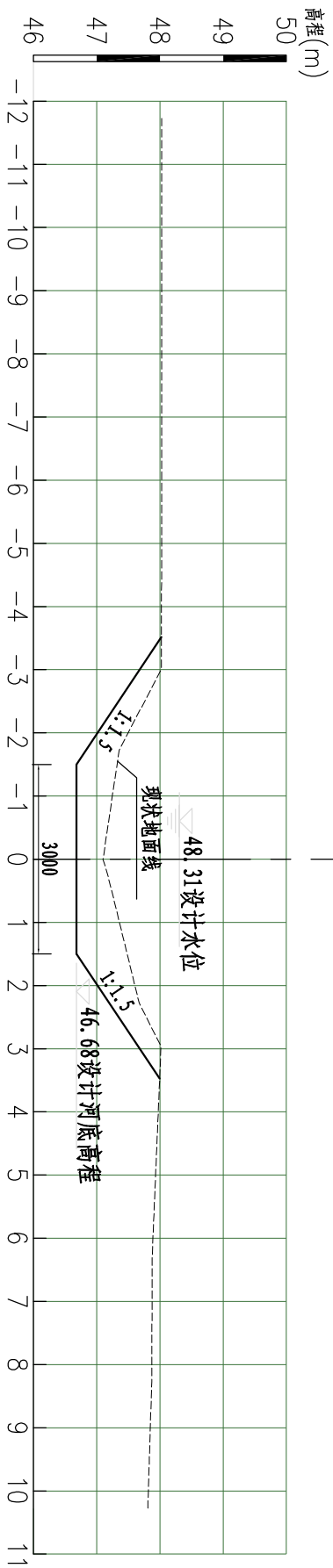
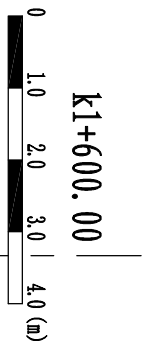
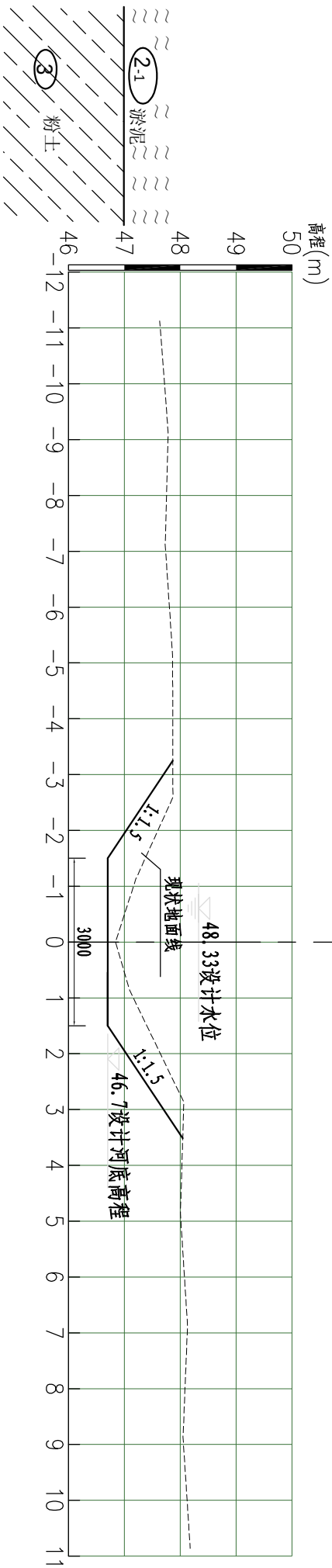


k1+300.00

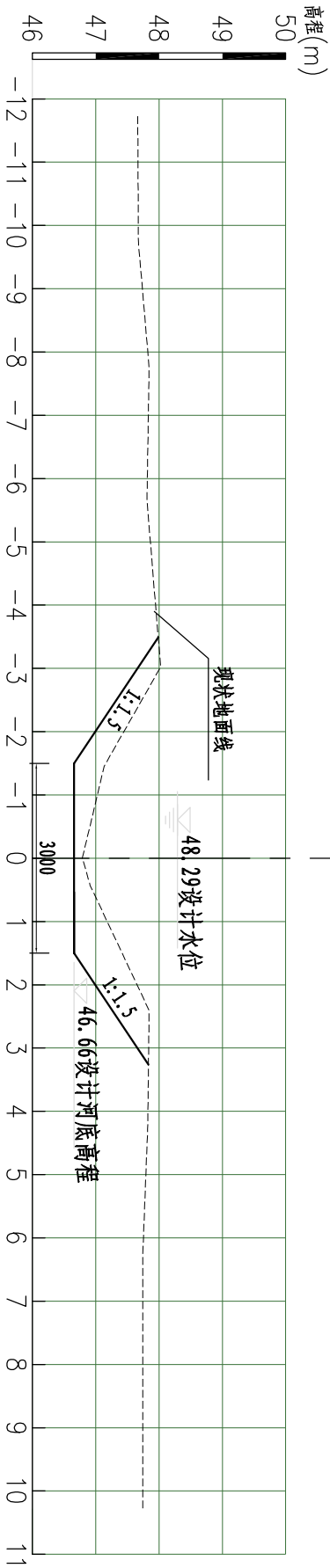


k1+400.00

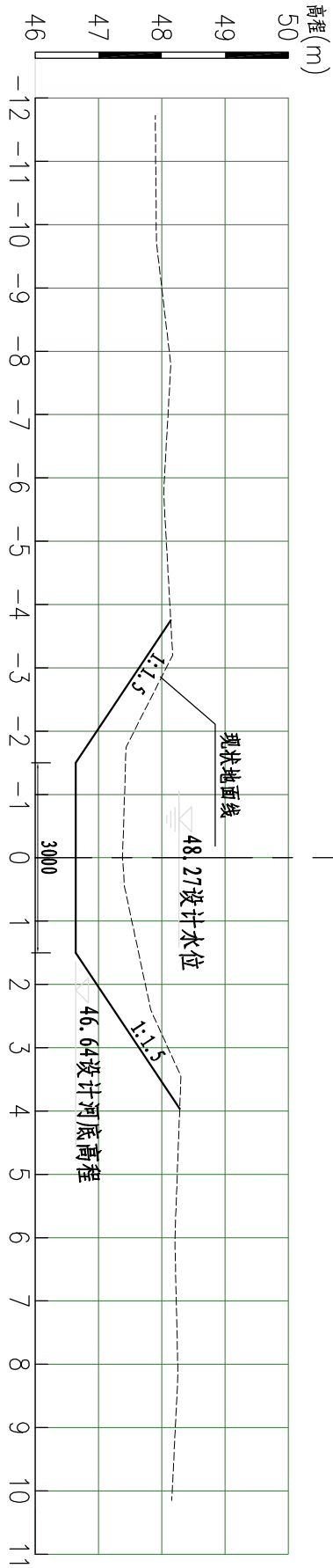




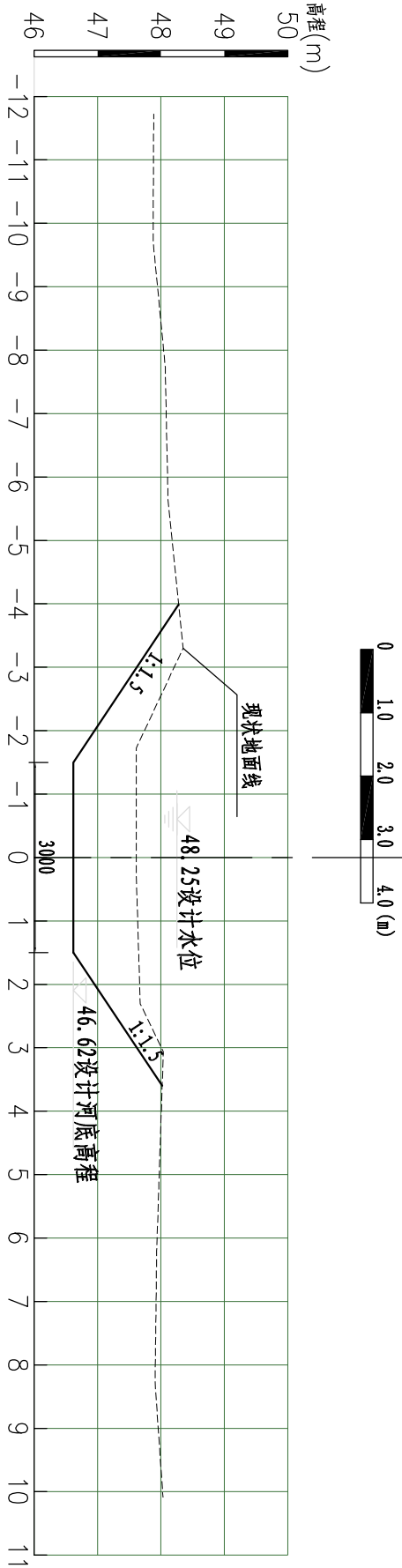
k1+700.00



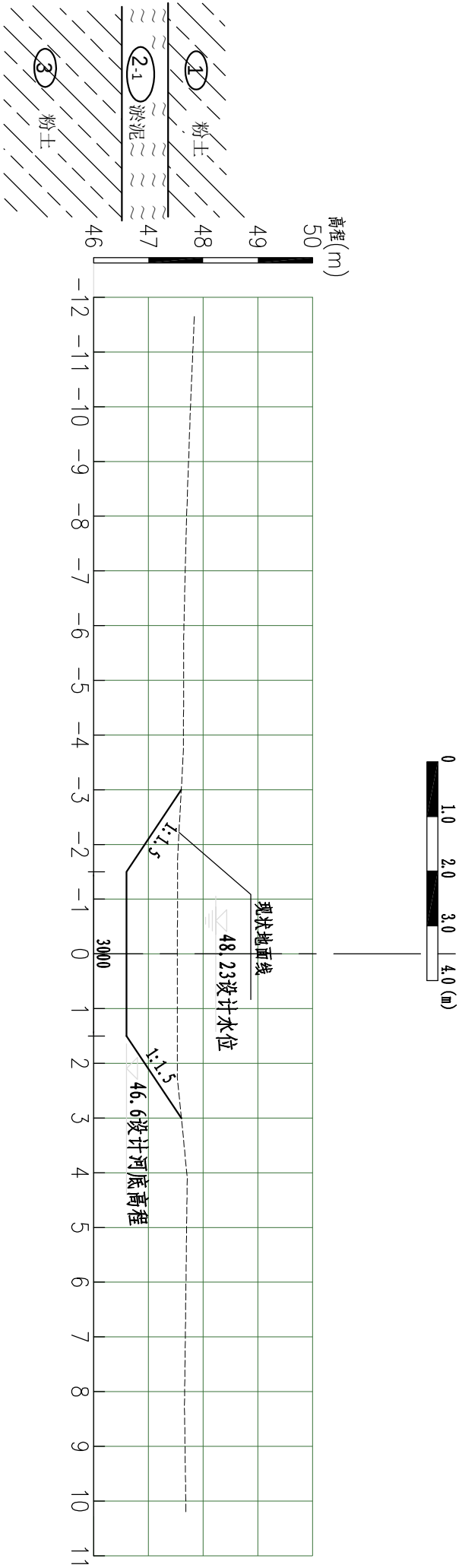
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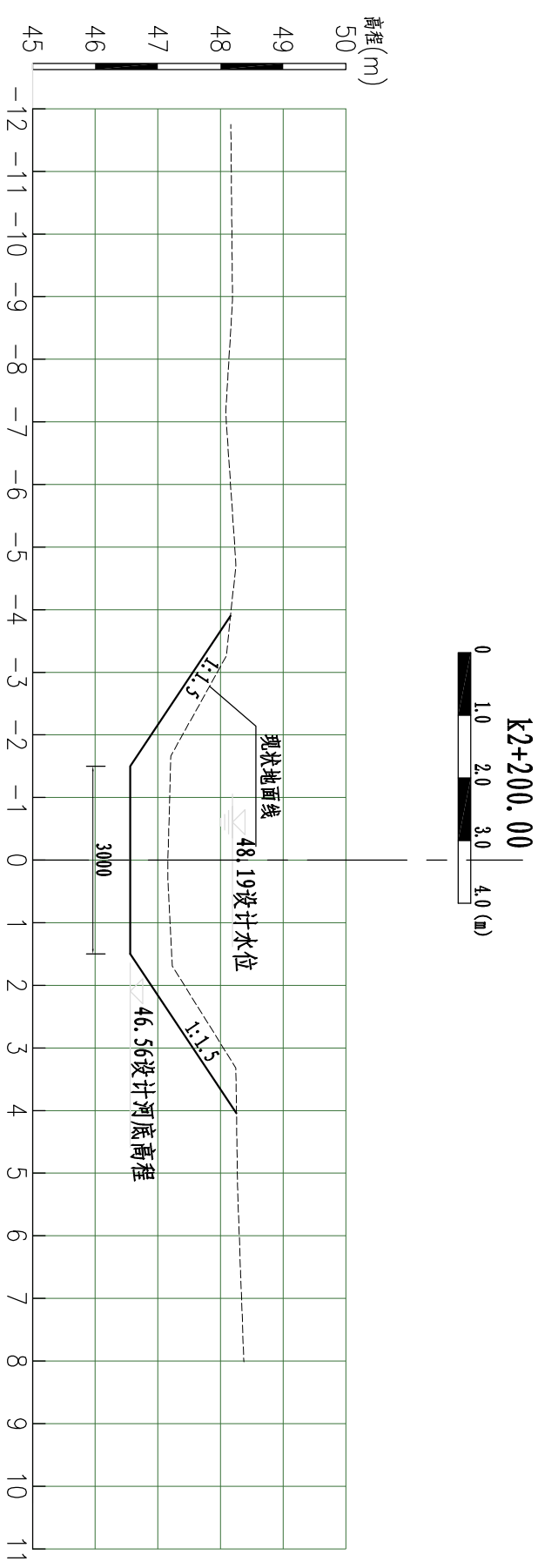
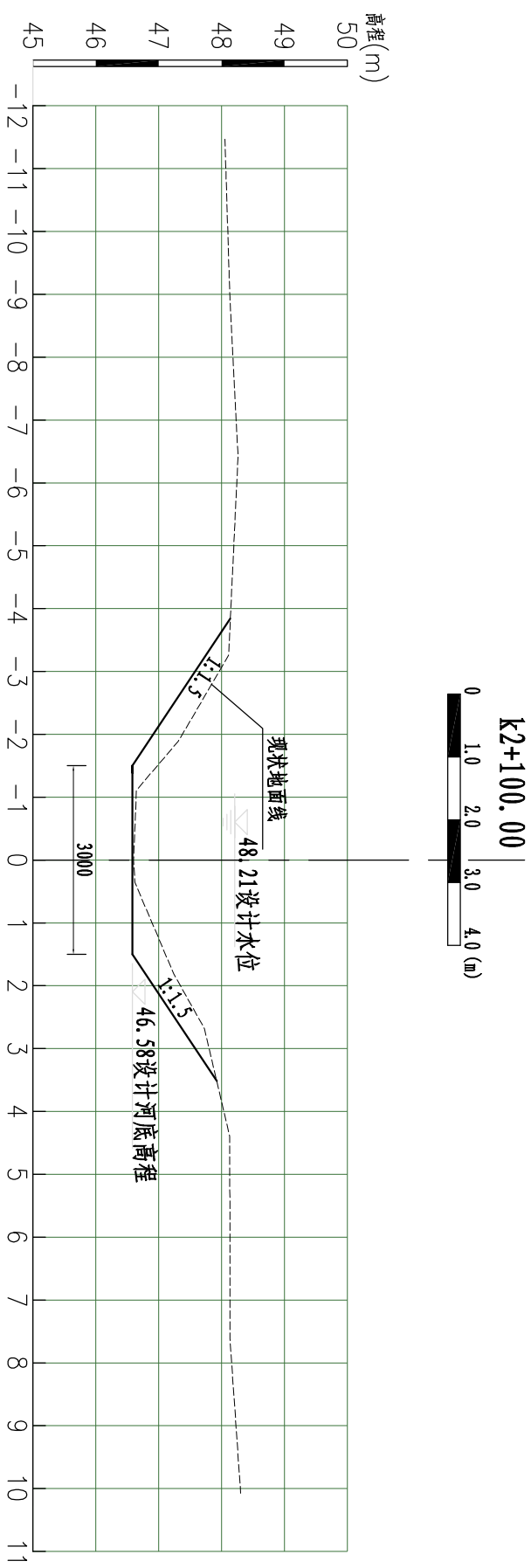


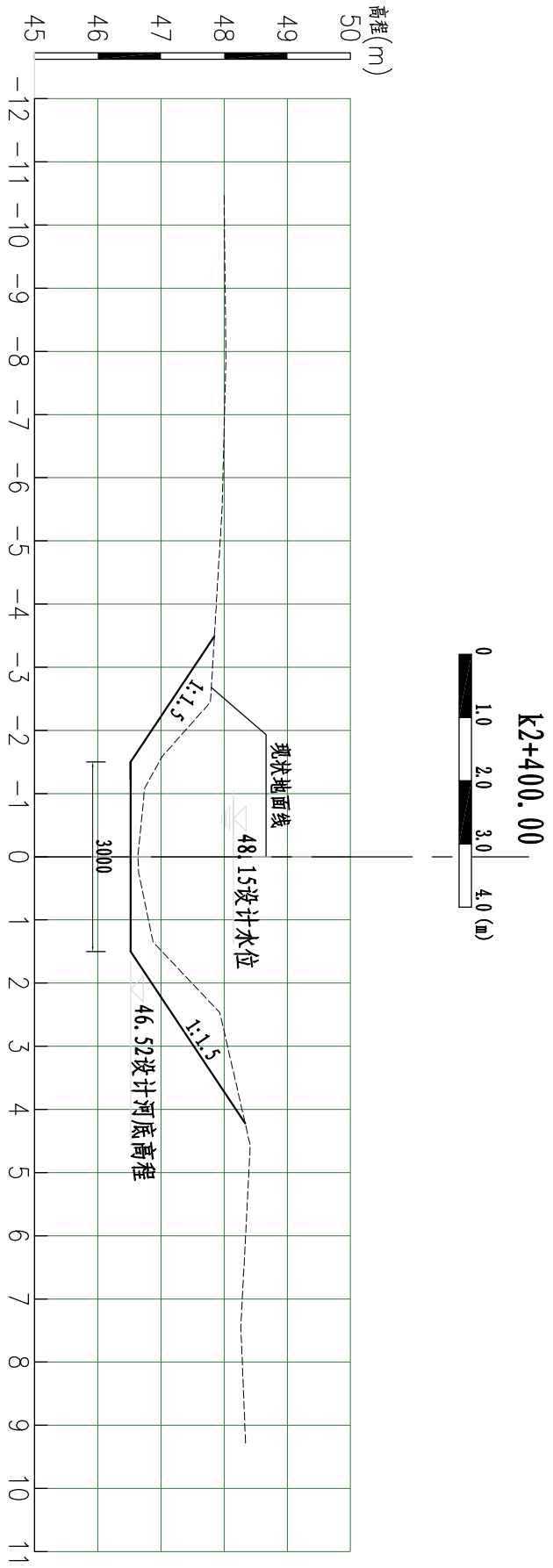
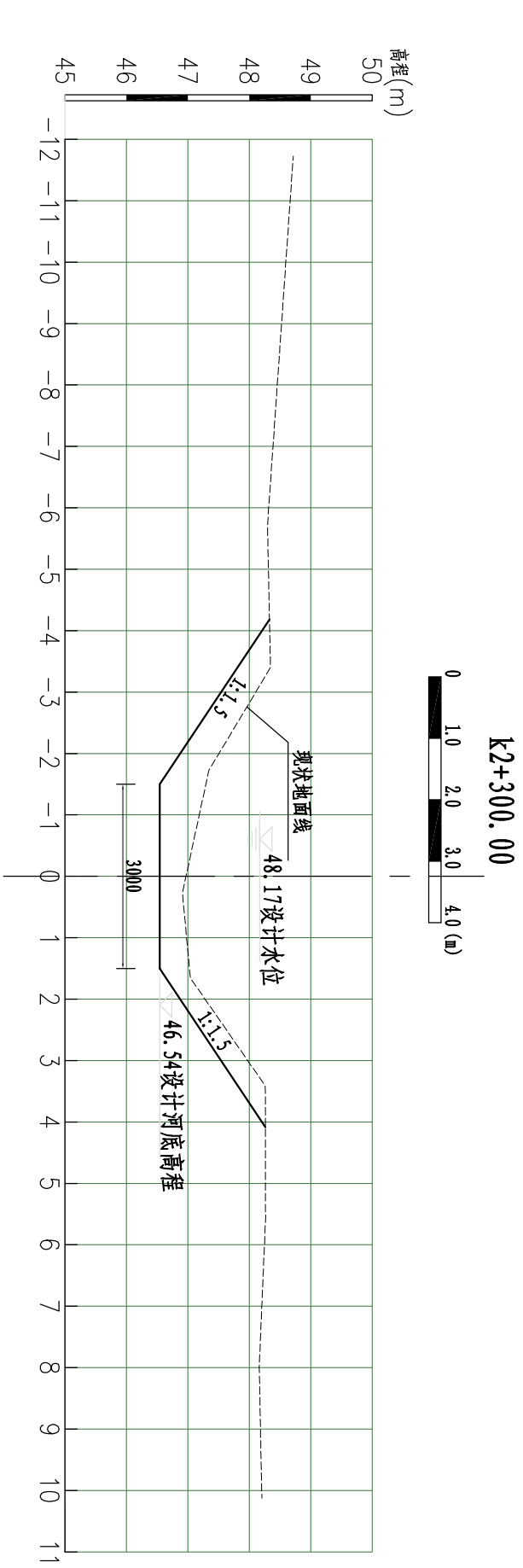
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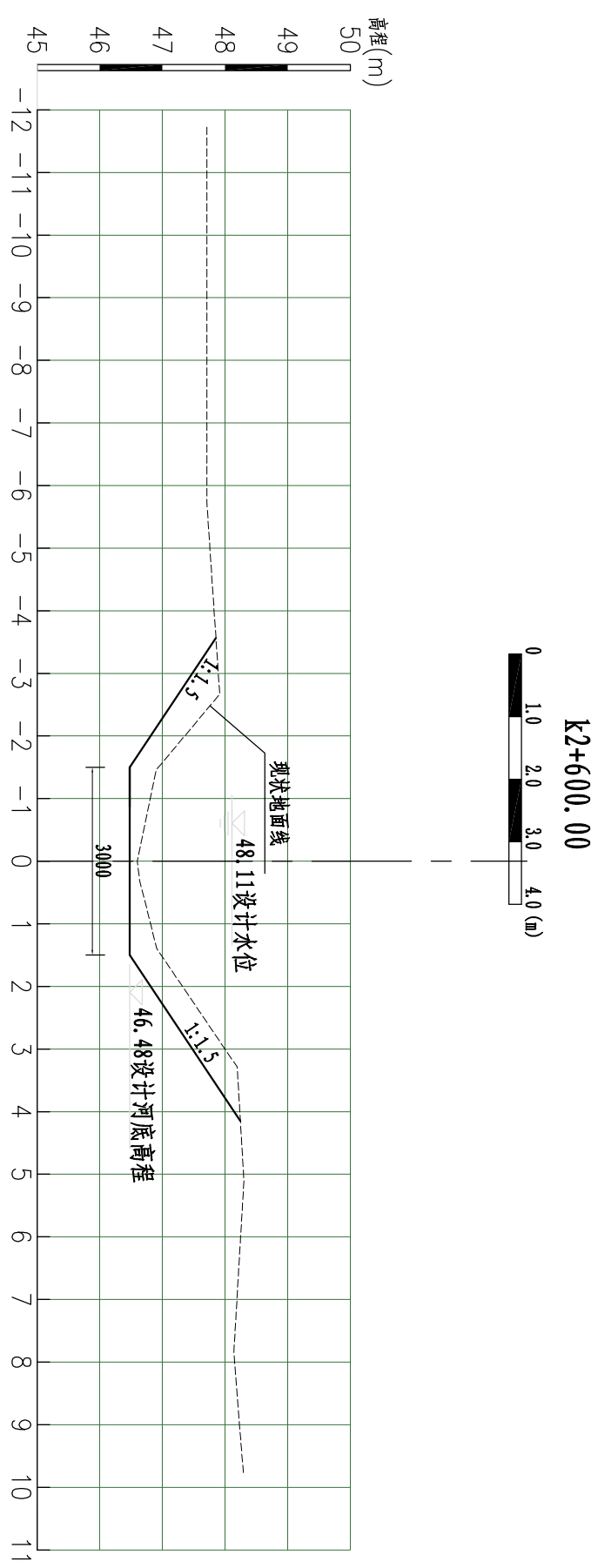
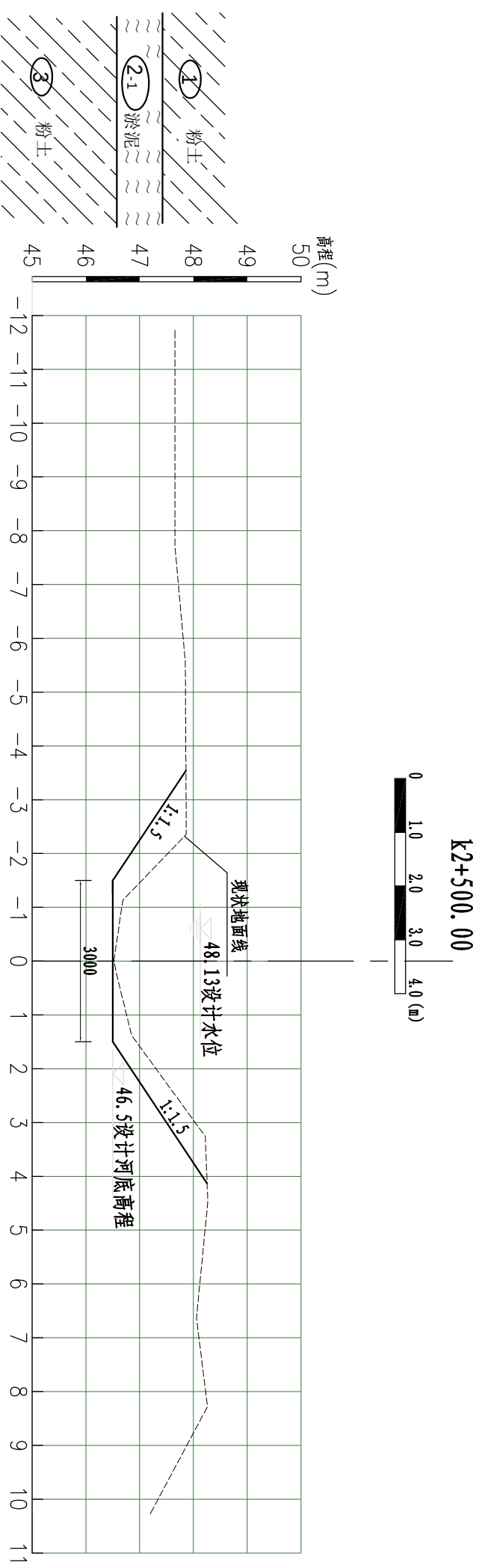


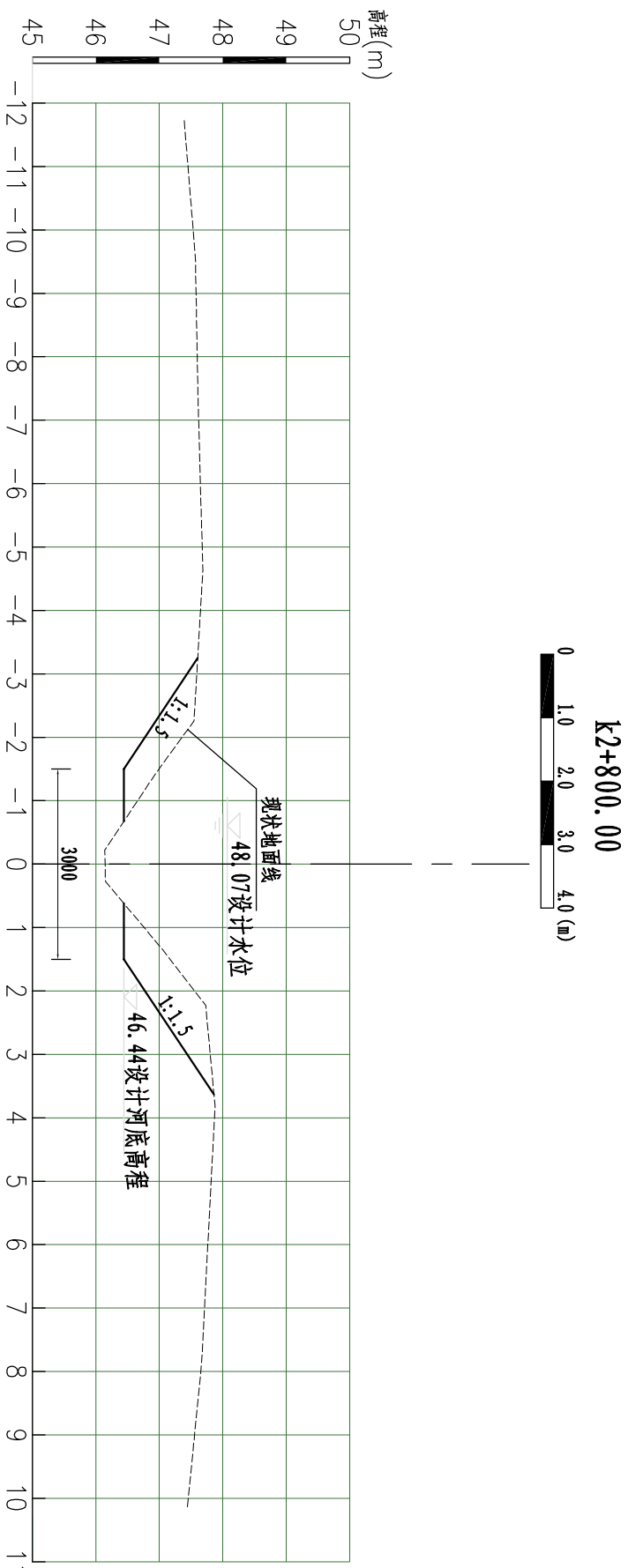
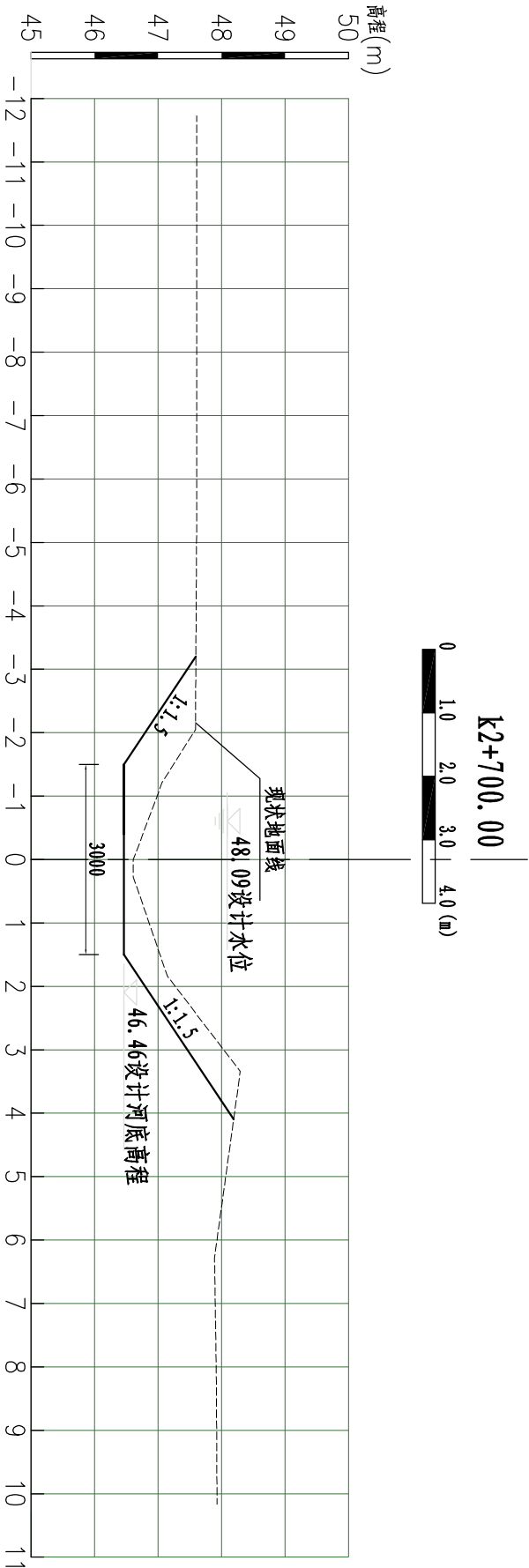
k2+000.00

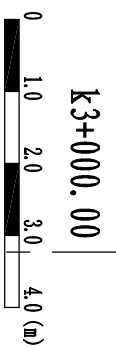
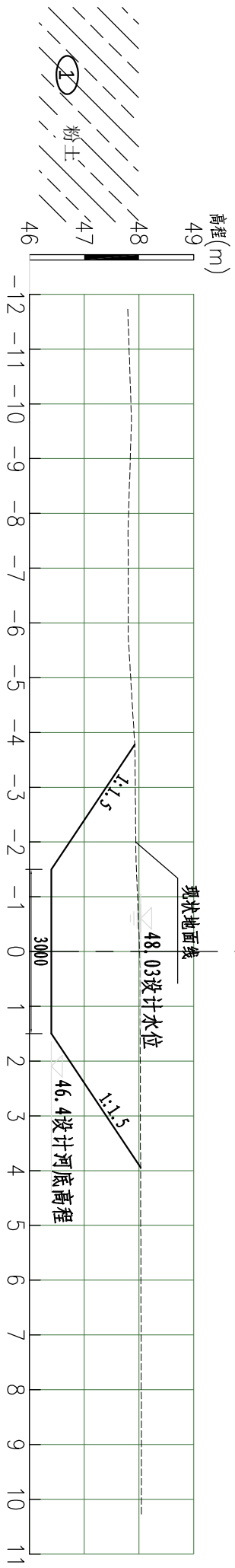
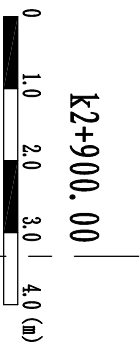
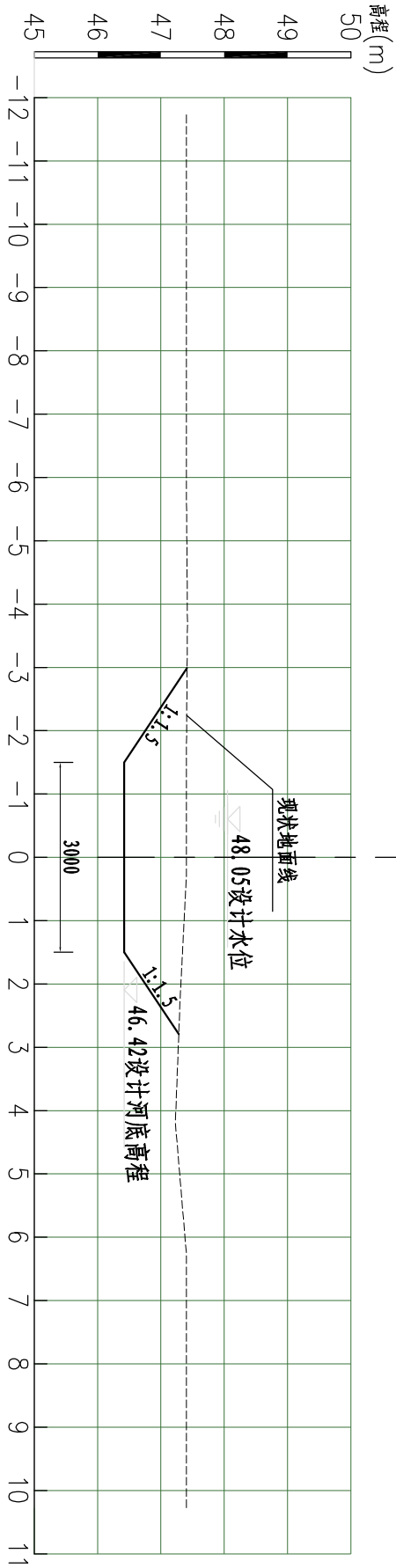


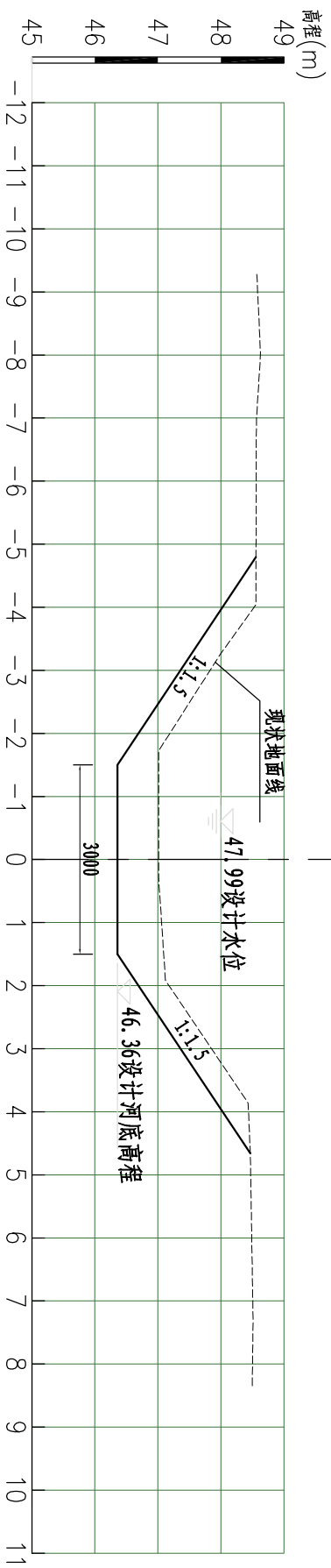
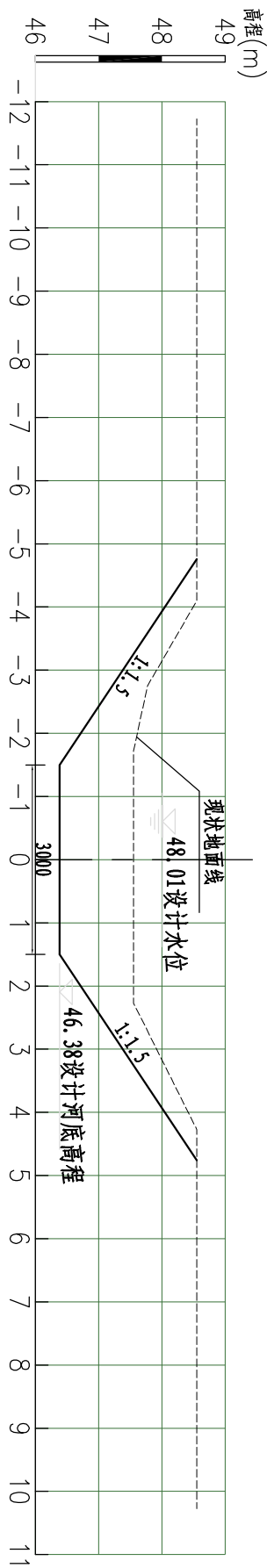
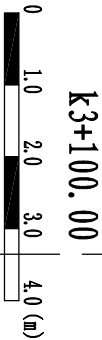




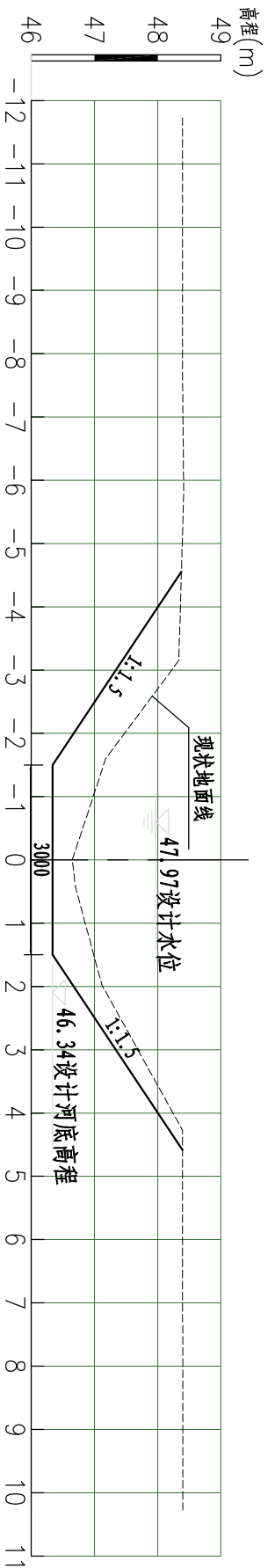




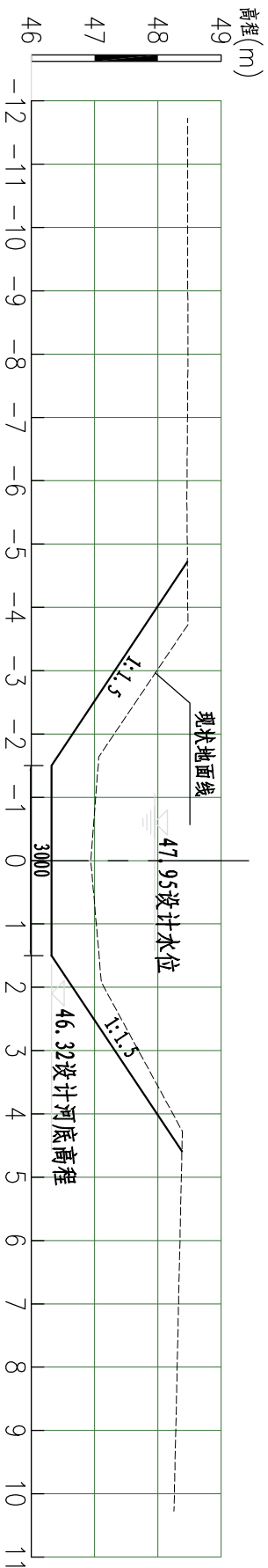


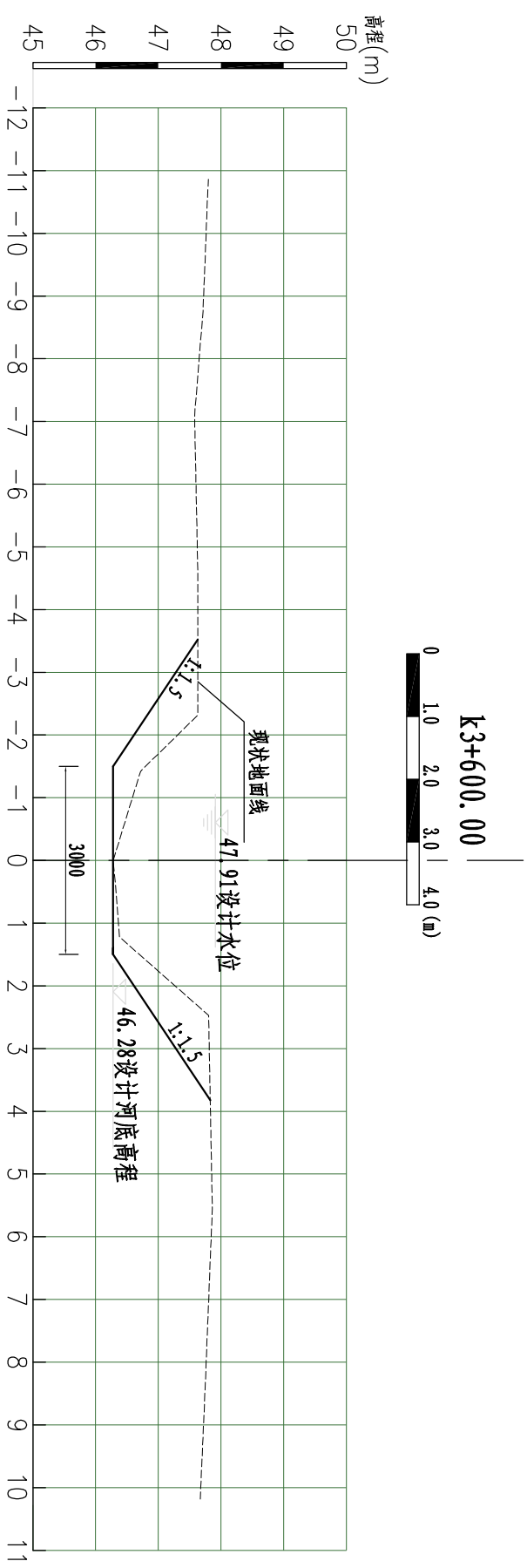
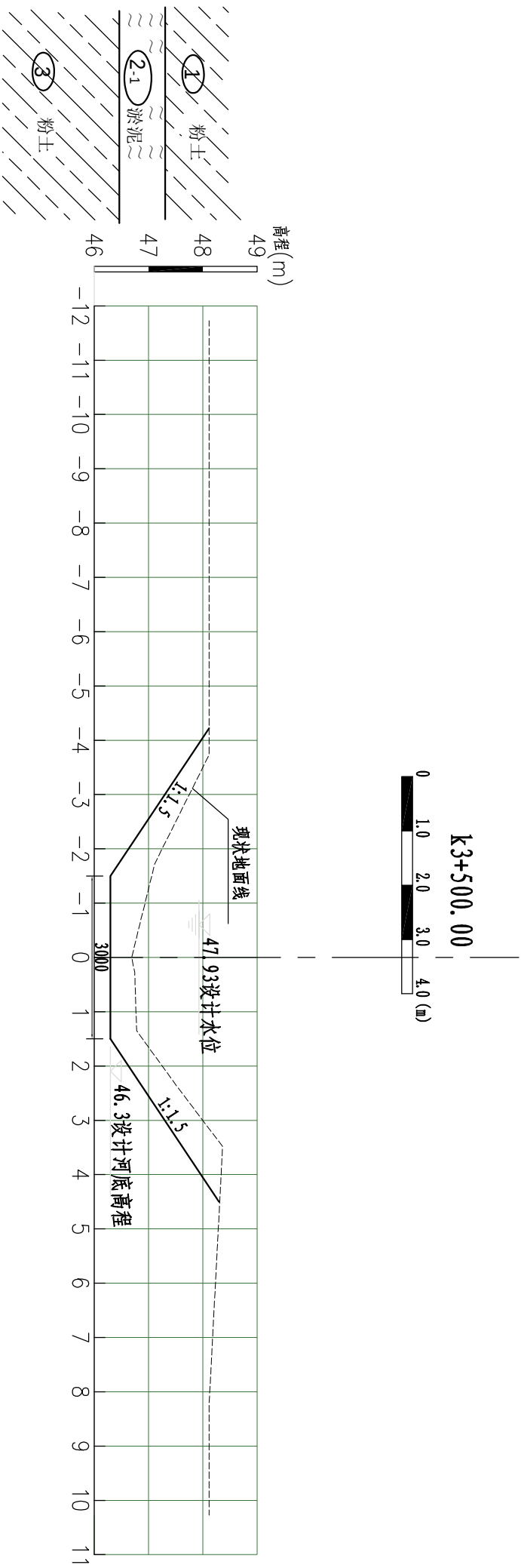


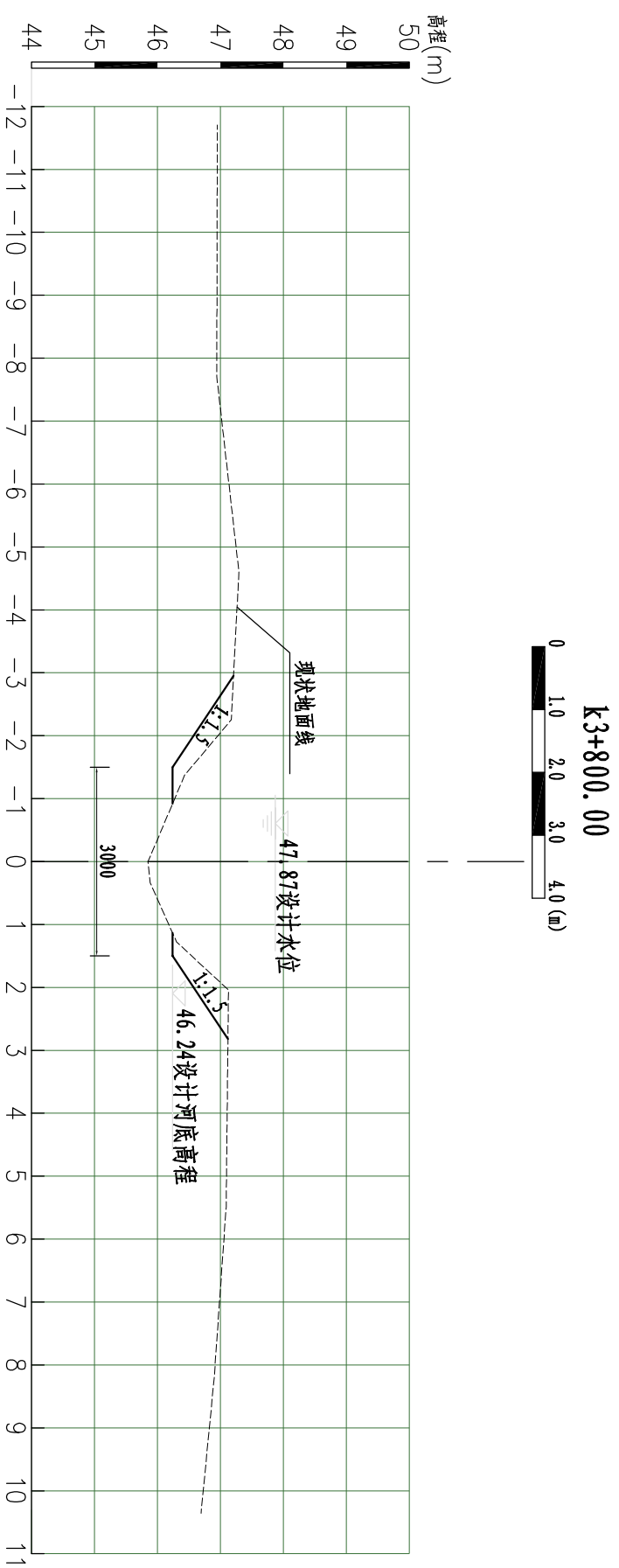
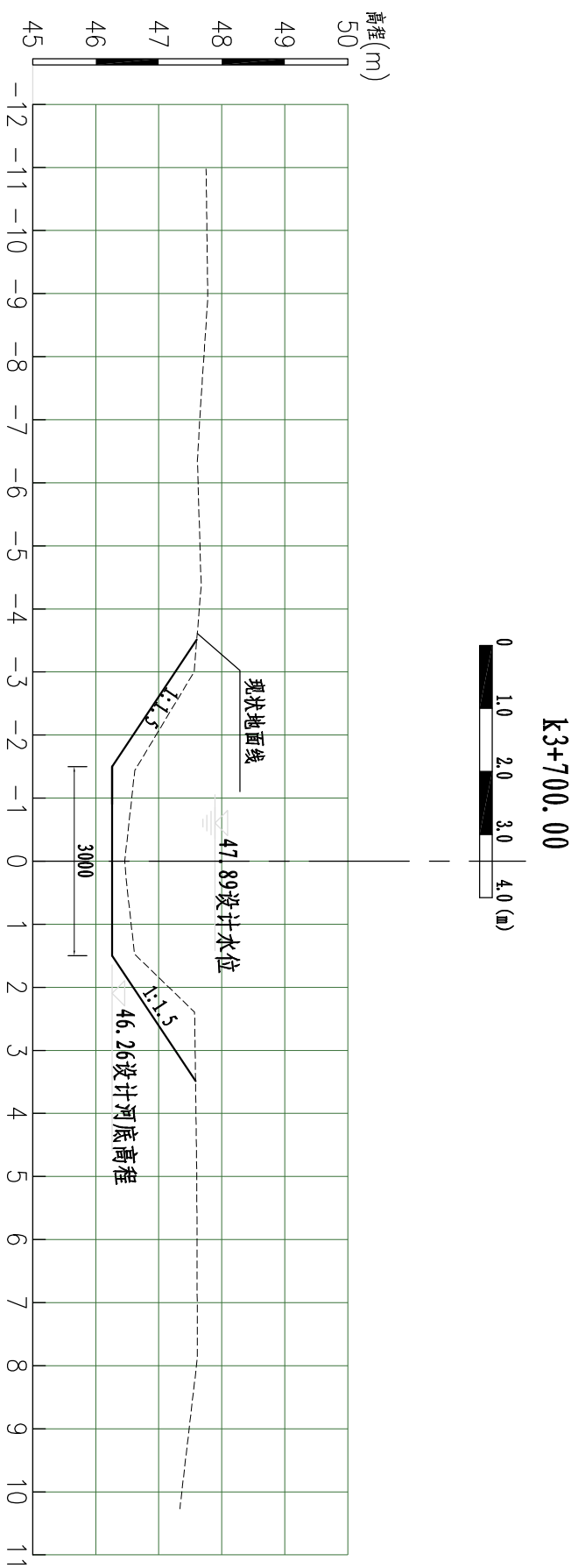
k3+300.00

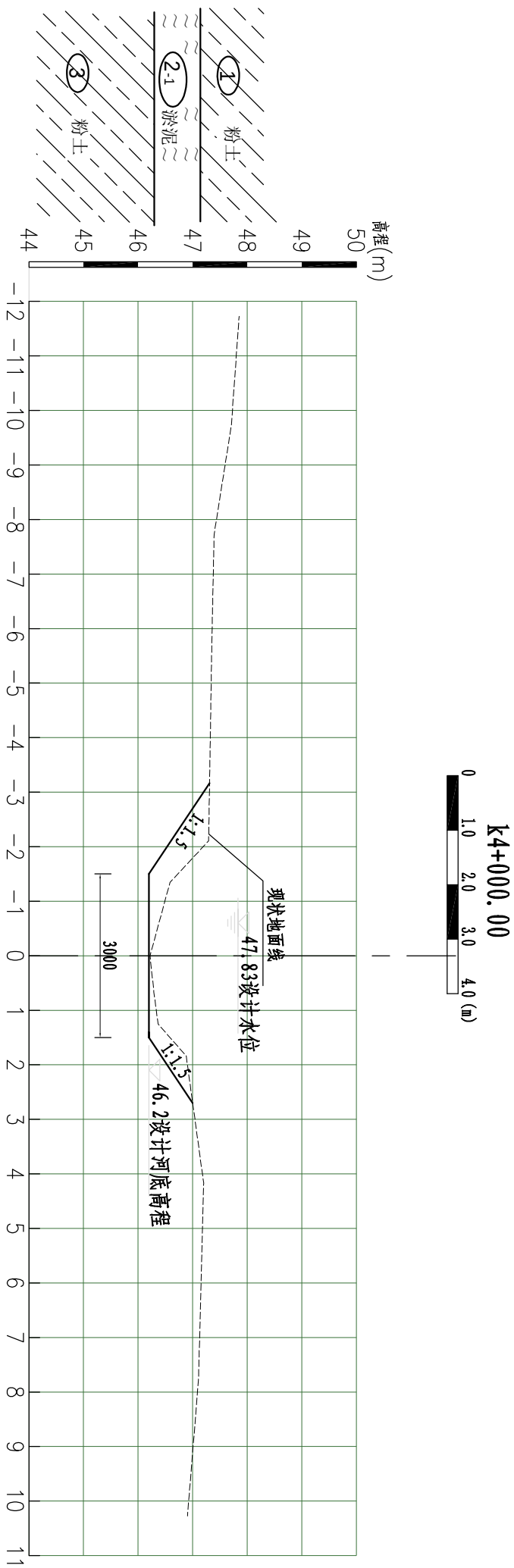
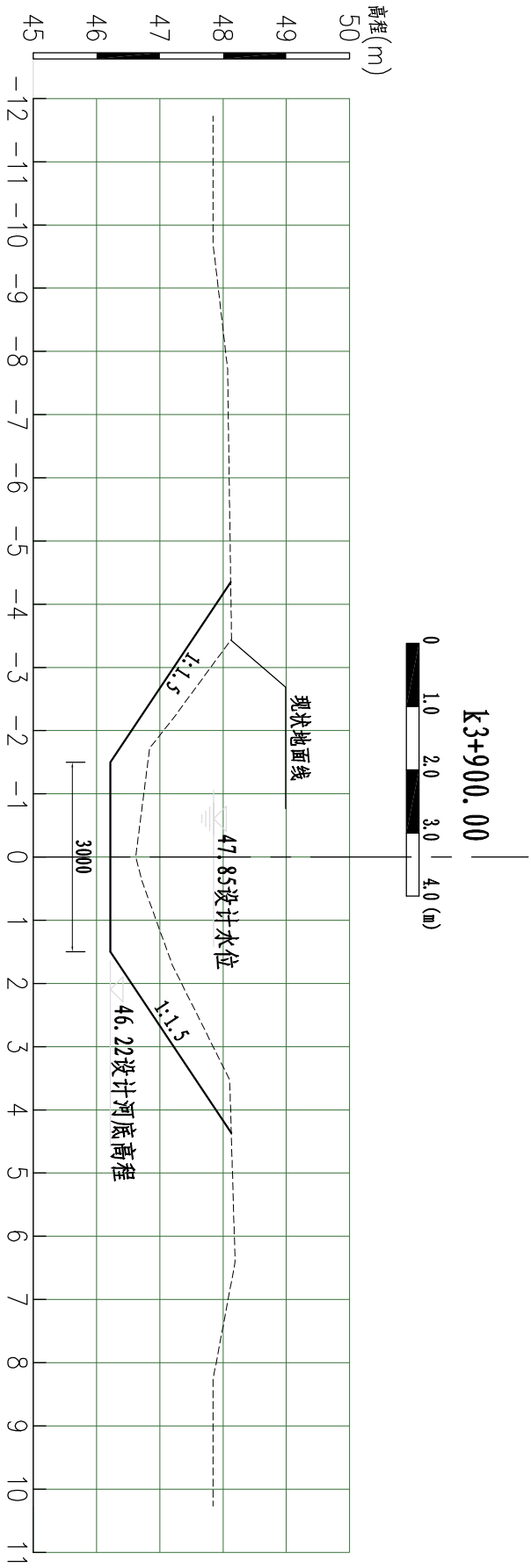


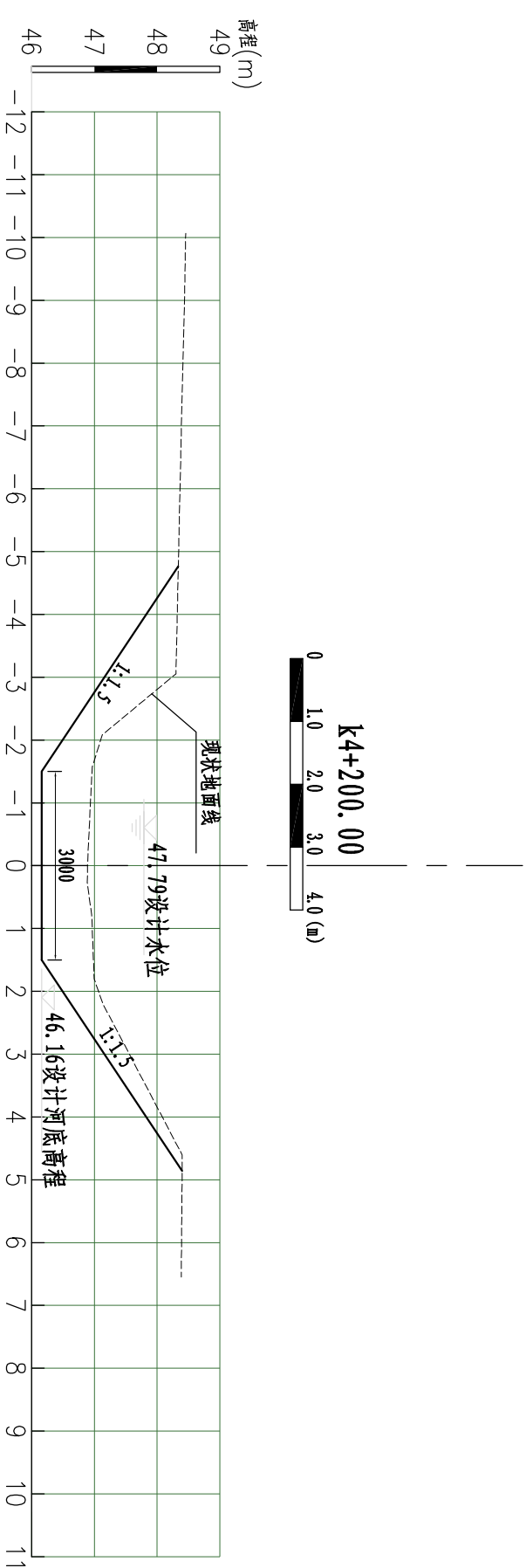
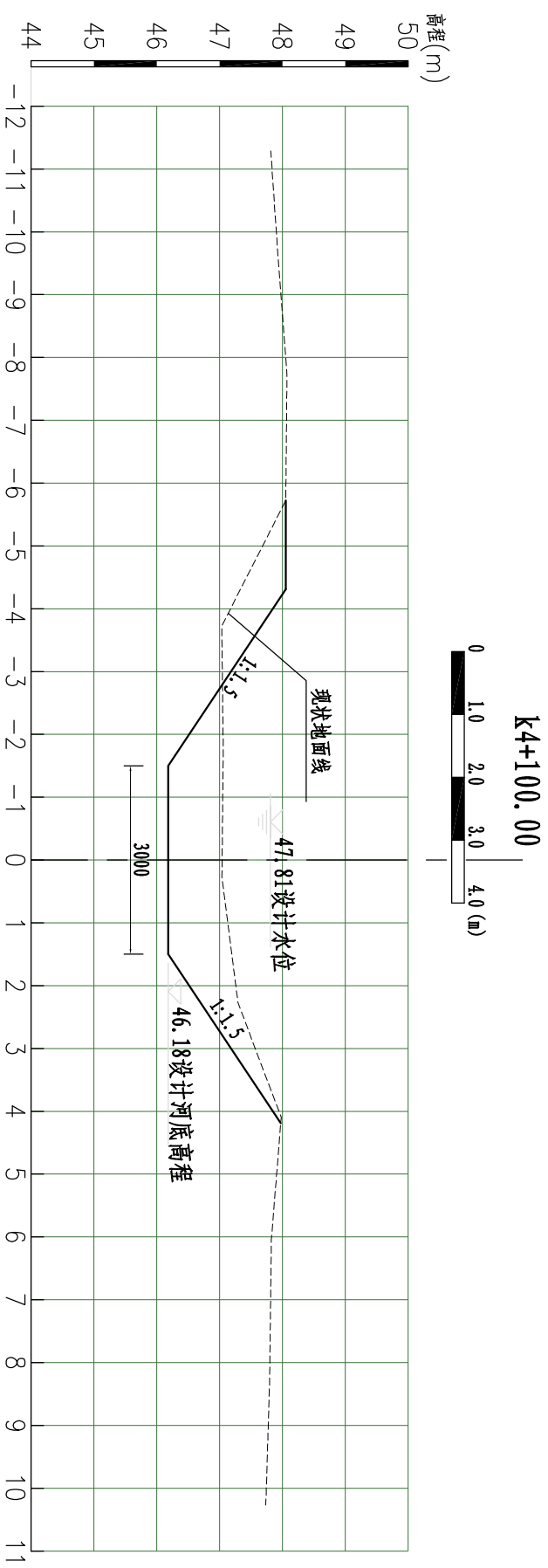
k3+400.00

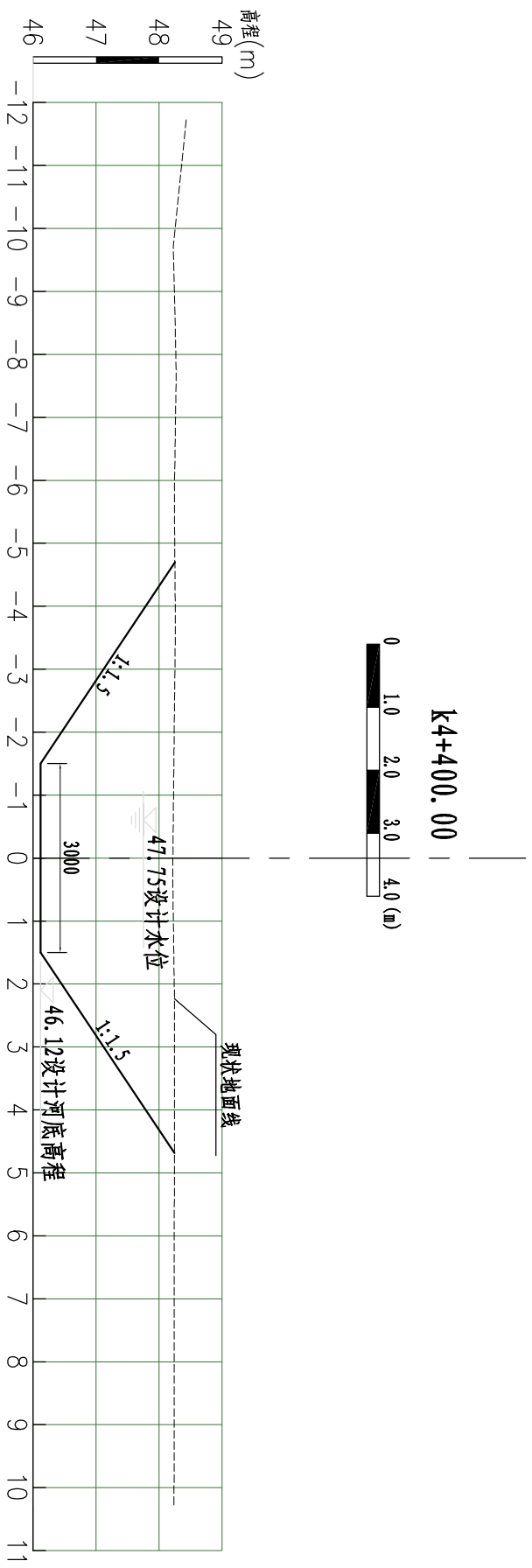
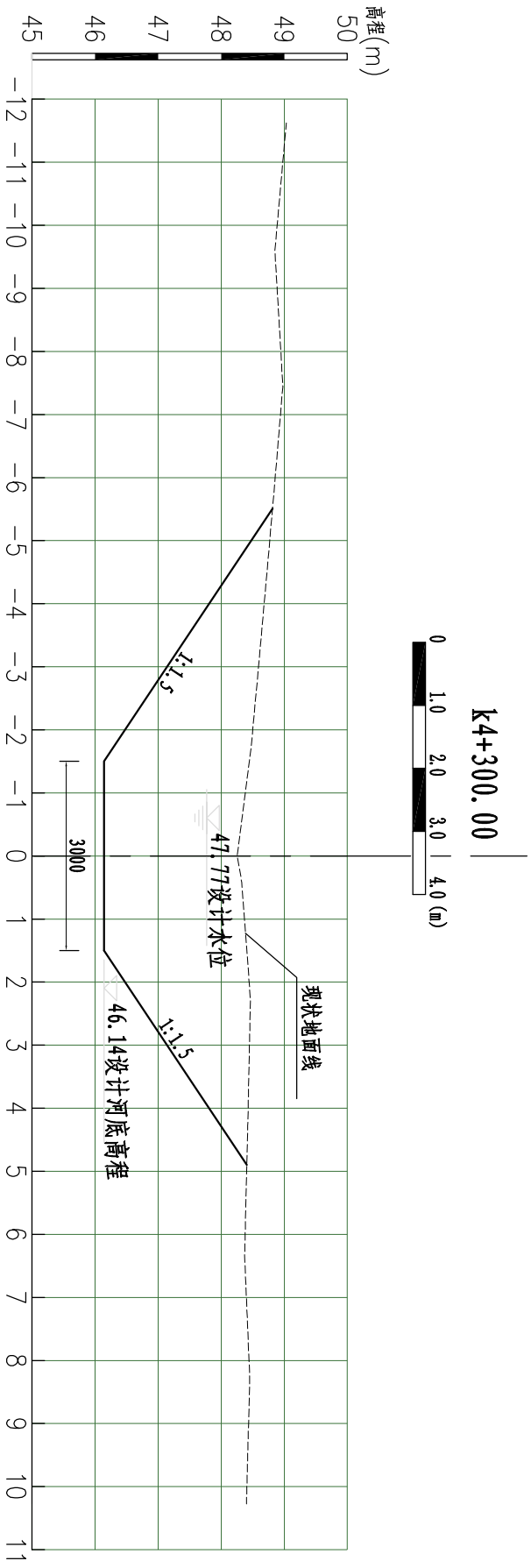




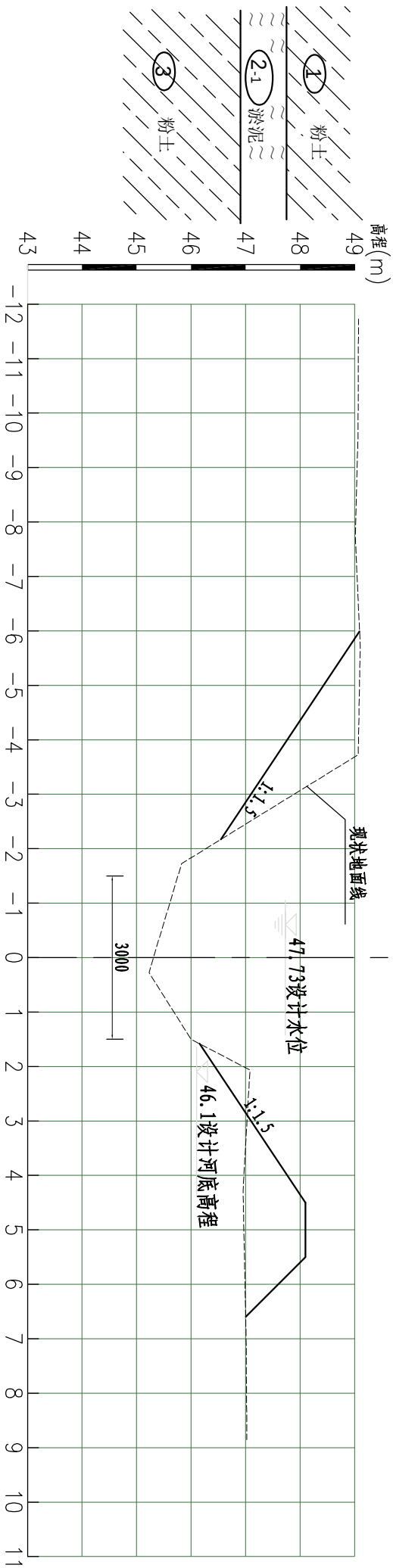




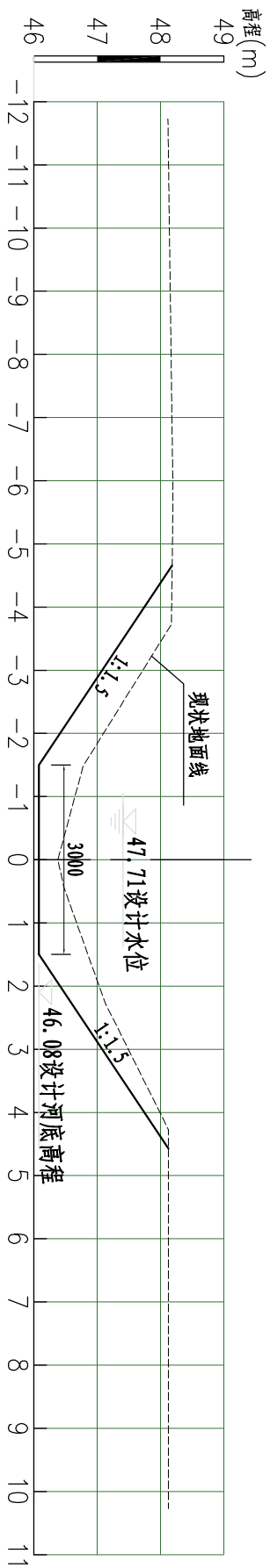


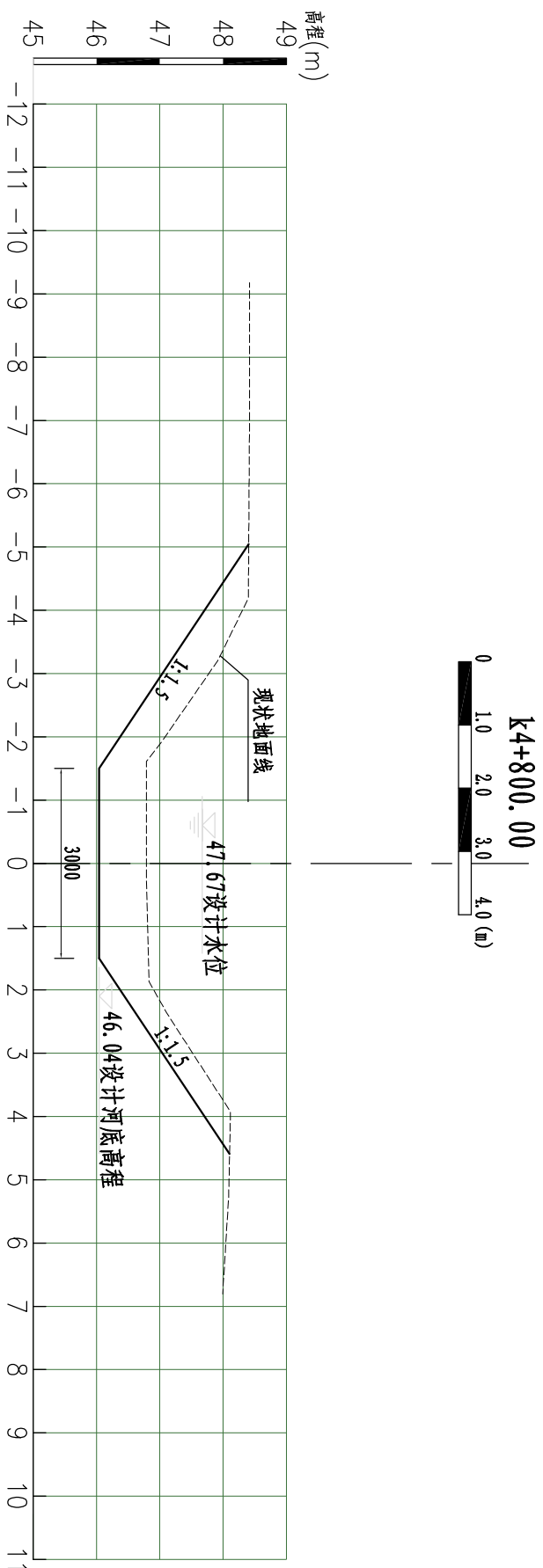
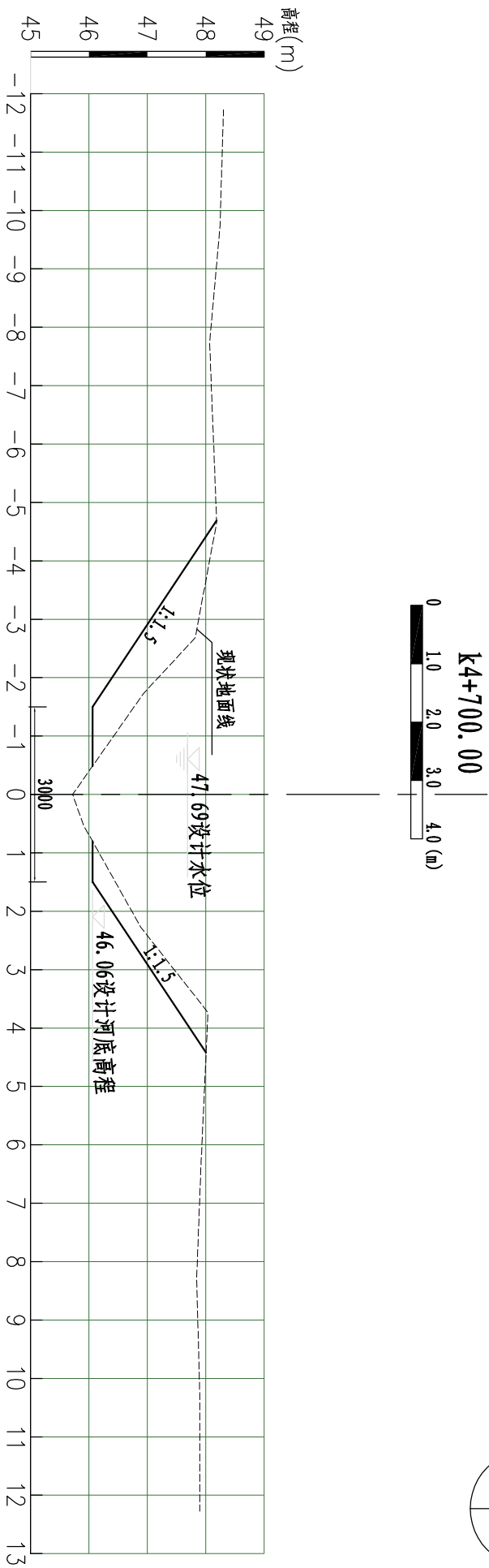


k4+500.00

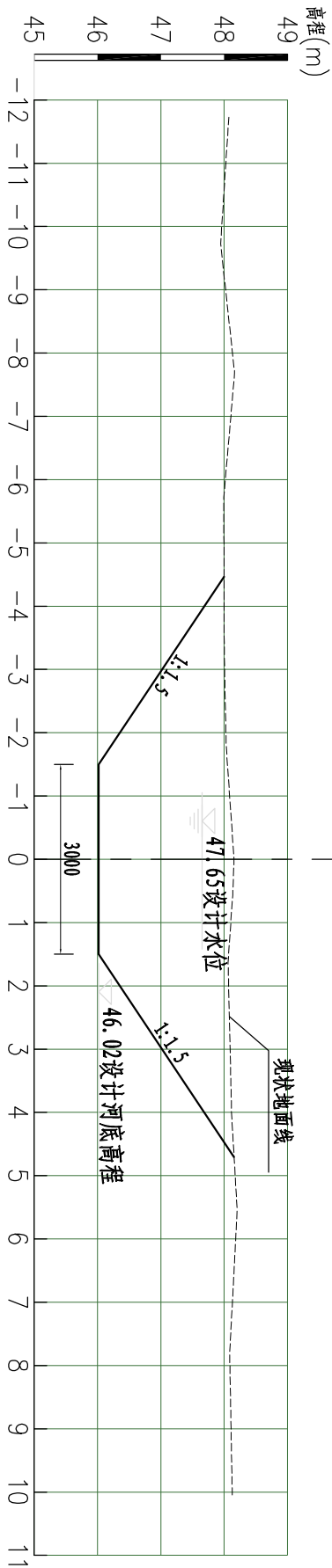


k4+600.00

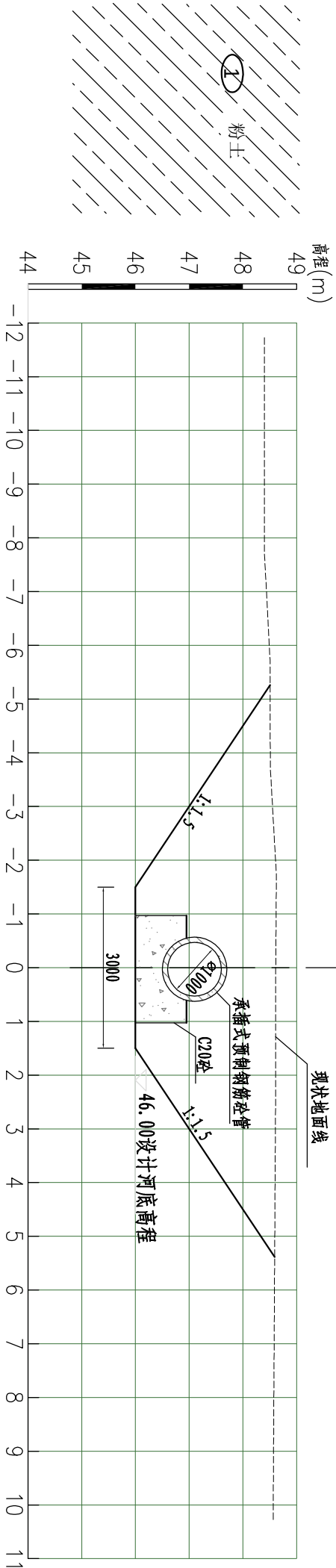




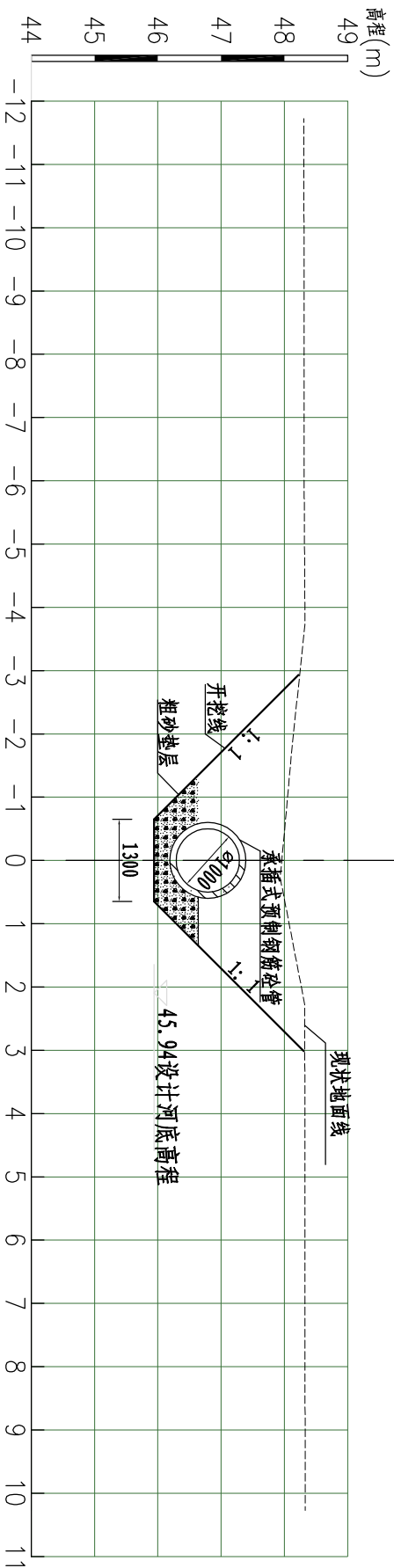
k4+900.00



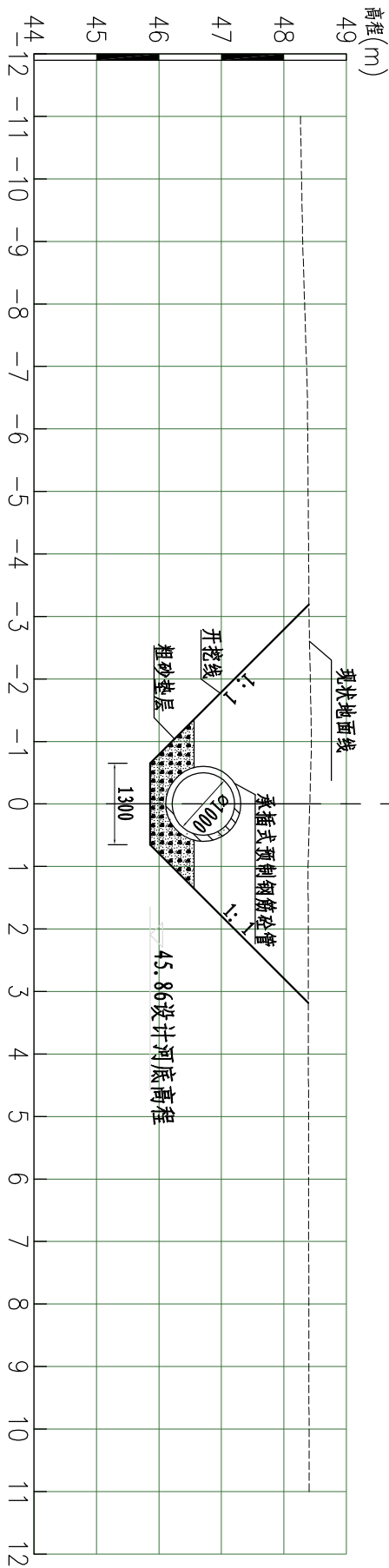
k5+000.00

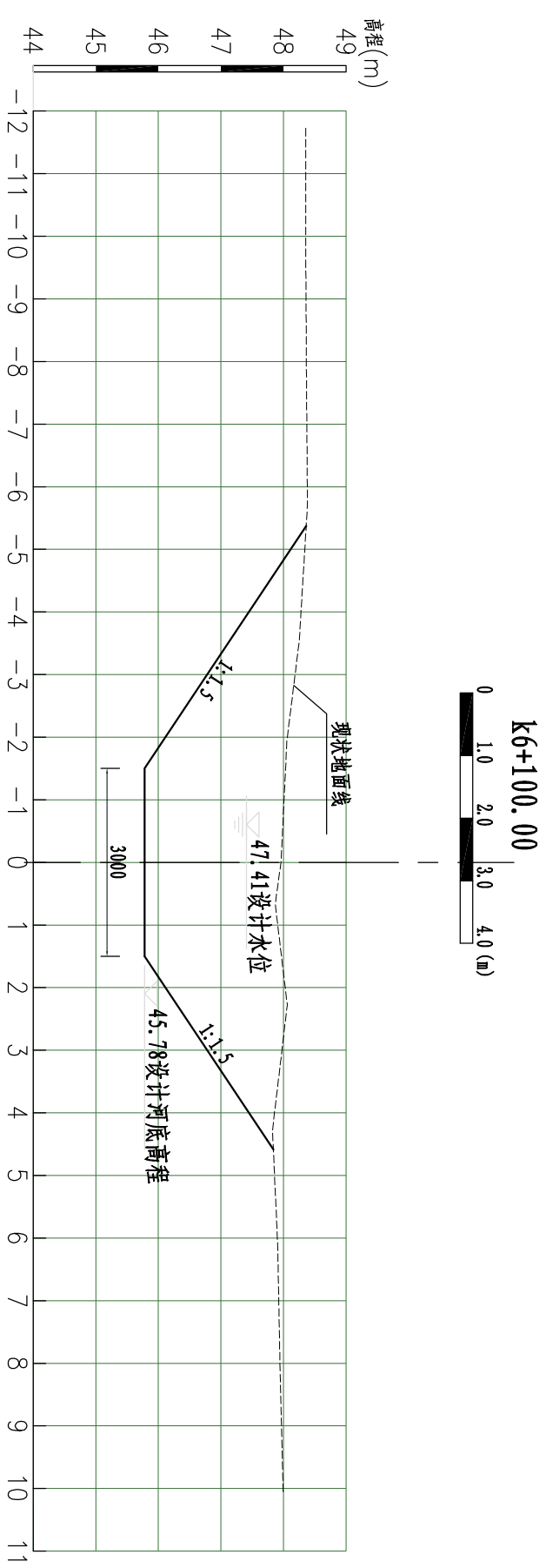
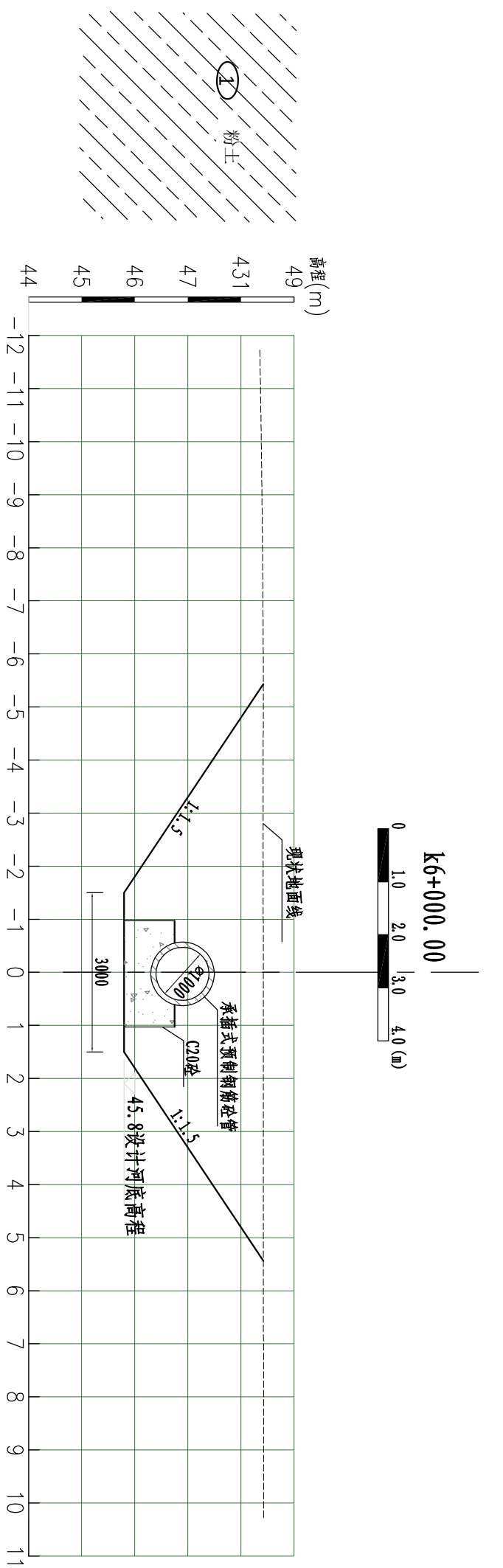


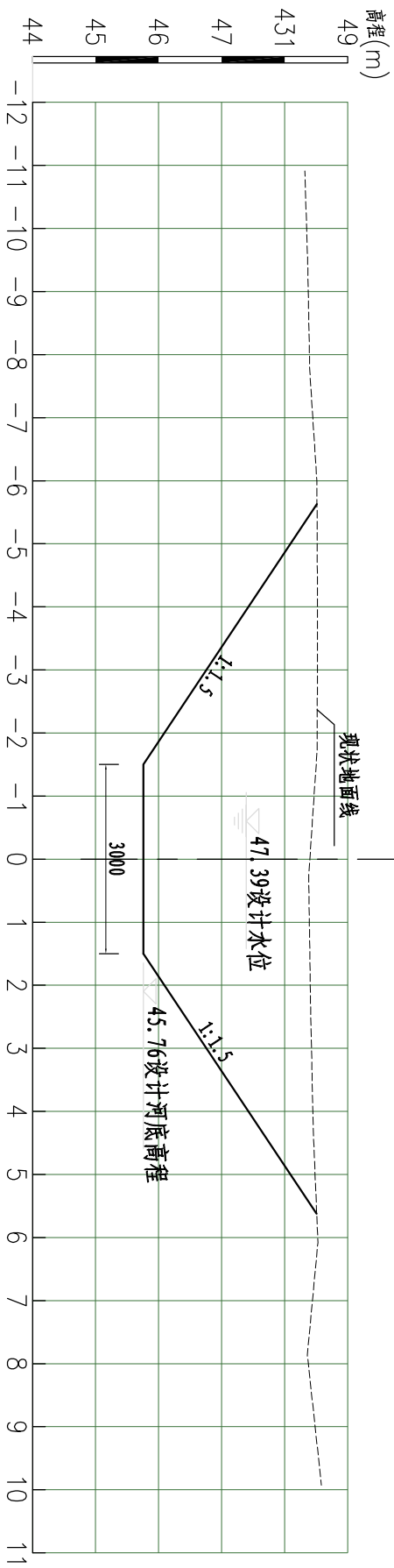
K5+300.00



K5+700.00

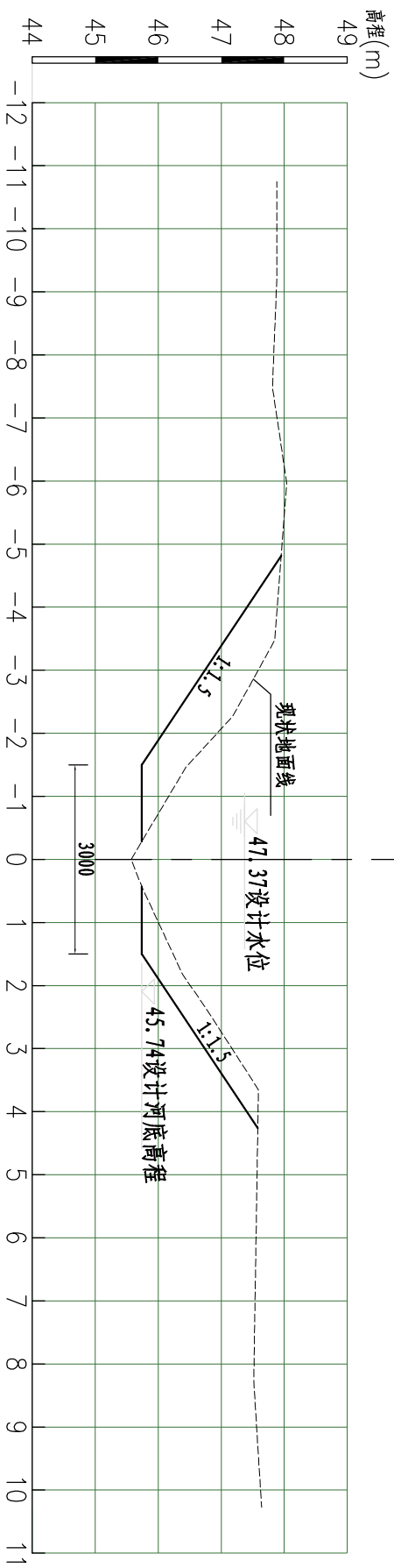


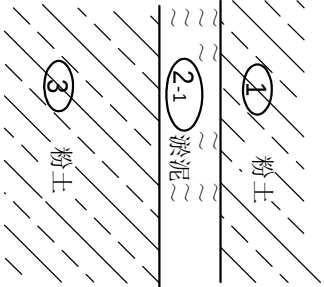
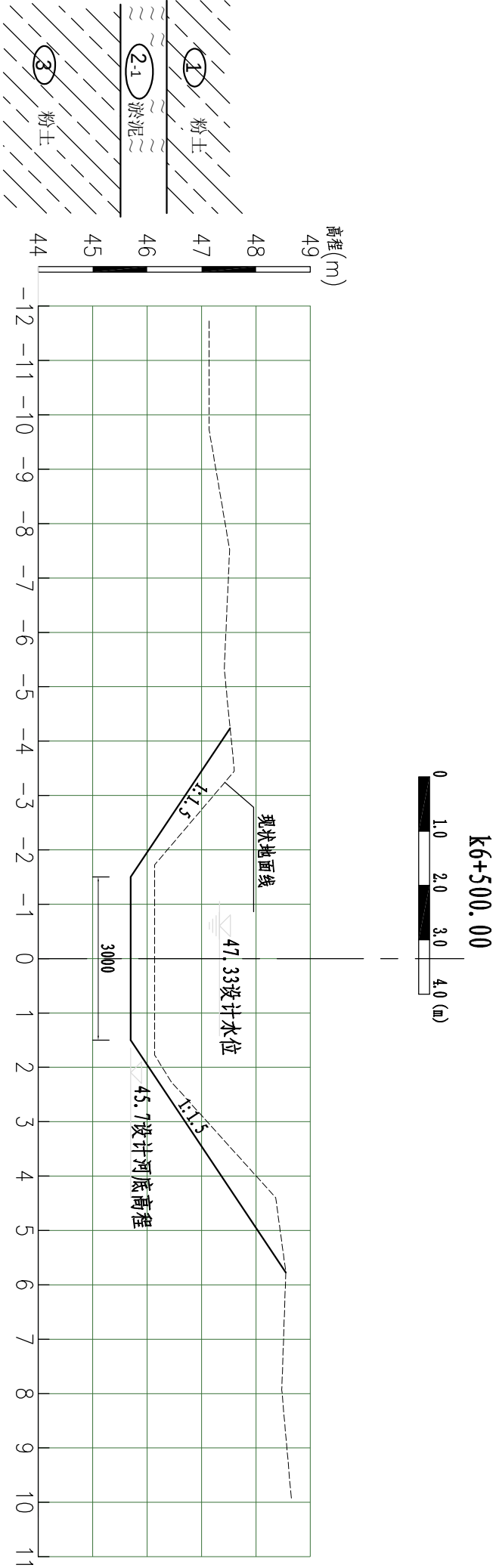
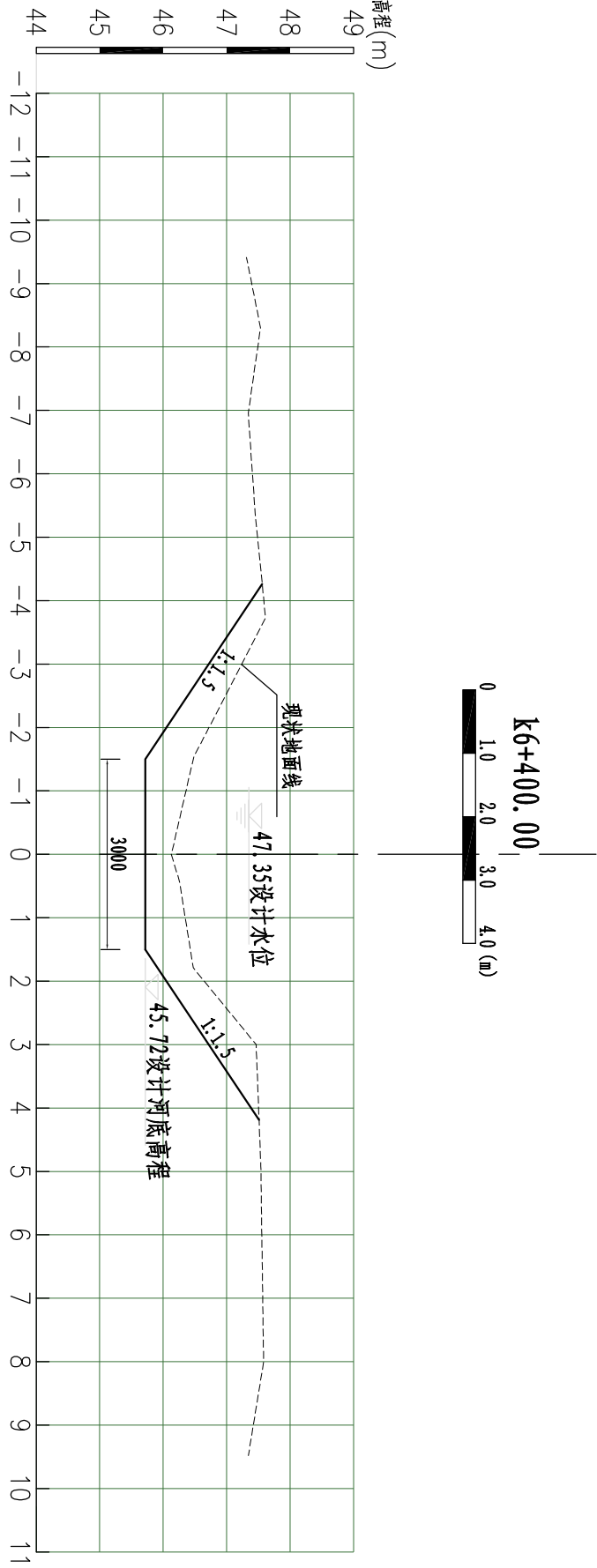




k6+300.00

0 1.0 2.0 3.0 4.0 (m)





K6+504.00

01.02.03.04.05.06.07.08.09.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63.64.65.66.67.68.69.70.71.72.73.74.75.76.77.78.79.80.81.82.83.84.85.86.87.88.89.90.91.92.93.94.95.96.97.98.99.100.101.102.103.104.105.106.107.108.109.110.111.112.113.114.115.116.117.118.119.120.121.122.123.124.125.126.127.128.129.130.131.132.133.134.135.136.137.138.139.140.141.142.143.144.145.146.147.148.149.150.151.152.153.154.155.156.157.158.159.160.161.162.163.164.165.166.167.168.169.170.171.172.173.174.175.176.177.178.179.180.181.182.183.184.185.186.187.188.189.190.191.192.193.194.195.196.197.198.199.200.201.202.203.204.205.206.207.208.209.210.211.212.213.214.215.216.217.218.219.220.221.222.223.224.225.226.227.228.229.230.231.232.233.234.235.236.237.238.239.240.241.242.243.244.245.246.247.248.249.250.251.252.253.254.255.256.257.258.259.260.261.262.263.264.265.266.267.268.269.270.271.272.273.274.275.276.277.278.279.280.281.282.283.284.285.286.287.288.289.290.291.292.293.294.295.296.297.298.299.300.301.302.303.304.305.306.307.308.309.310.311.312.313.314.315.316.317.318.319.320.321.322.323.324.325.326.327.328.329.330.331.332.333.334.335.336.337.338.339.340.341.342.343.344.345.346.347.348.349.350.351.352.353.354.355.356.357.358.359.360.361.362.363.364.365.366.367.368.369.370.371.372.373.374.375.376.377.378.379.380.381.382.383.384.385.386.387.388.389.390.391.392.393.394.395.396.397.398.399.400.401.402.403.404.405.406.407.408.409.410.411.412.413.414.415.416.417.418.419.420.421.422.423.424.425.426.427.428.429.430.431.432.433.434.435.436.437.438.439.440.441.442.443.444.445.446.447.448.449.450.451.452.453.454.455.456.457.458.459.460.461.462.463.464.465.466.467.468.469.470.471.472.473.474.475.476.477.478.479.480.481.482.483.484.485.486.487.488.489.490.491.492.493.494.495.496.497.498.499.500.501.502.503.504.505.506.507.508.509.510.511.512.513.514.515.516.517.518.519.520.521.522.523.524.525.526.527.528.529.530.531.532.533.534.535.536.537.538.539.540.541.542.543.544.545.546.547.548.549.550.551.552.553.554.555.556.557.558.559.560.561.562.563.564.565.566.567.568.569.570.571.572.573.574.575.576.577.578.579.580.581.582.583.584.585.586.587.588.589.590.591.592.593.594.595.596.597.598.599.600.601.602.603.604.605.606.607.608.609.610.611.612.613.614.615.616.617.618.619.620.621.622.623.624.625.626.627.628.629.630.631.632.633.634.635.636.637.638.639.640.641.642.643.644.645.646.647.648.649.650.651.652.653.654.655.656.657.658.659.660.661.662.663.664.665.666.667.668.669.670.671.672.673.674.675.676.677.678.679.680.681.682.683.684.685.686.687.688.689.690.691.692.693.694.695.696.697.698.699.700.701.702.703.704.705.706.707.708.709.710.711.712.713.714.715.716.717.718.719.720.721.722.723.724.725.726.727.728.729.730.731.732.733.734.735.736.737.738.739.740.741.742.743.744.745.746.747.748.749.750.751.752.753.754.755.756.757.758.759.760.761.762.763.764.765.766.767.768.769.770.771.772.773.774.775.776.777.778.779.780.781.782.783.784.785.786.787.788.789.790.791.792.793.794.795.796.797.798.799.800.801.802.803.804.805.806.807.808.809.810.811.812.813.814.815.816.817.818.819.820.821.822.823.824.825.826.827.828.829.830.831.832.833.834.835.836.837.838.839.840.841.842.843.844.845.846.847.848.849.850.851.852.853.854.855.856.857.858.859.860.861.862.863.864.865.866.867.868.869.870.871.872.873.874.875.876.877.878.879.880.881.882.883.884.885.886.887.888.889.890.891.892.893.894.895.896.897.898.899.900.901.902.903.904.905.906.907.908.909.910.911.912.913.914.915.916.917.918.919.920.921.922.923.924.925.926.927.928.929.930.931.932.933.934.935.936.937.938.939.940.941.942.943.944.945.946.947.948.949.950.951.952.953.954.955.956.957.958.959.960.961.962.963.964.965.966.967.968.969.970.971.972.973.974.975.976.977.978.979.980.981.982.983.984.985.986.987.988.989.990.991.992.993.994.995.996.997.998.999.1000.1001.1002.1003.1004.1005.1006.1007.1008.1009.1010.1011.1012.1013.1014.1015.1016.1017.1018.1019.1020.1021.1022.1023.1024.1025.1026.1027.1028.1029.1030.1031.1032.1033.1034.1035.1036.1037.1038.1039.1040.1041.1042.1043.1044.1045.1046.1047.1048.1049.1050.1051.1052.1053.1054.1055.1056.1057.1058.1059.1060.1061.1062.1063.1064.1065.1066.1067.1068.1069.1070.1071.1072.1073.1074.1075.1076.1077.1078.1079.1080.1081.1082.1083.1084.1085.1086.1087.1088.1089.1090.1091.1092.1093.1094.1095.1096.1097.1098.1099.1100.1101.1102.1103.1104.1105.1106.1107.1108.1109.1110.1111.1112.1113.1114.1115.1116.1117.1118.1119.1120.1121.1122.1123.1124.1125.1126.1127.1128.1129.1130.1131.1132.1133.1134.1135.1136.1137.1138.1139.1140.1141.1142.1143.1144.1145.1146.1147.1148.1149.1150.1151.1152.1153.1154.1155.1156.1157.1158.1159.1160.1161.1162.1163.1164.1165.1166.1167.1168.1169.1170.1171.1172.1173.1174.1175.1176.1177.1178.1179.1180.1181.1182.1183.1184.1185.1186.1187.1188.1189.1190.1191.1192.1193.1194.1195.1196.1197.1198.1199.1200.1201.1202.1203.1204.1205.1206.1207.1208.1209.1210.1211.1212.1213.1214.1215.1216.1217.1218.1219.122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河道土方开挖表

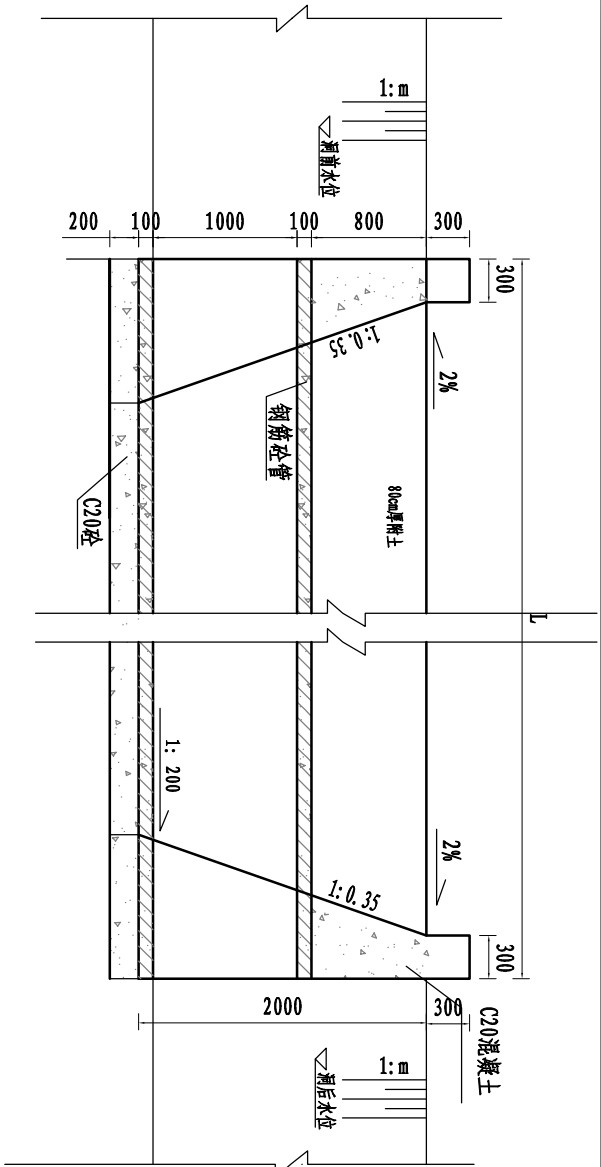
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K1+300. 00	100. 00	3. 58	3. 41	340. 50
K1+400. 00	100. 00	5. 20	4. 39	439. 00
K1+500. 00	100. 00	2. 85	4. 03	402. 50
K1+600. 00	100. 00	3. 37	3. 11	311. 00
K1+700. 00	100. 00	2. 67	3. 02	302. 00
K1+800. 00	100. 00	4. 75	3. 71	371. 00
K1+900. 00	100. 00	5. 53	5. 14	514. 00
K2+000. 00	100. 00	4. 15	4. 84	484. 00
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K2+200. 00	100. 00	3. 91	2. 94	294. 00
K2+300. 00	100. 00	3. 85	3. 88	388. 00
K2+400. 00	100. 00	2. 80	3. 33	332. 50
K2+500. 00	100. 00	2. 70	2. 75	275. 00
K2+600. 00	100. 00	2. 91	2. 81	280. 50
K2+700. 00	100. 00	3. 21	3. 06	306. 00
K2+800. 00	100. 00	2. 41	2. 81	281. 00
K2+900. 00	100. 00	4. 24	3. 33	332. 50
K3+000. 00	100. 00	8. 56	6. 40	640. 00
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河道土方开挖表

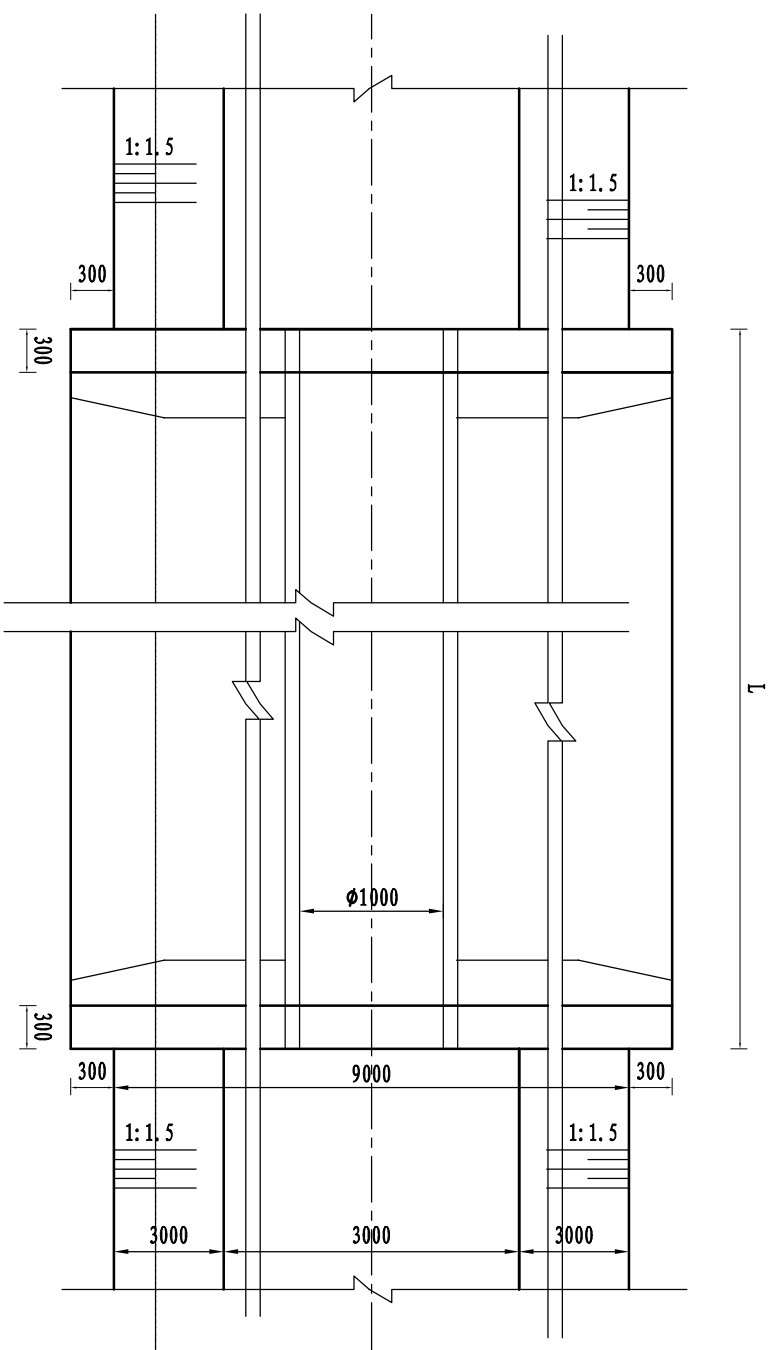
桩号	间距 L (m)	挖方		
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K3+400. 00	100. 00	5. 01	4. 80	479. 50
K3+500. 00	100. 00	4. 49	4. 75	475. 00
K3+600. 00	100. 00	2. 73	3. 61	361. 00
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K3+900. 00	100. 00	4. 70	2. 84	284. 00
K4+000. 00	100. 00	1. 60	3. 15	315. 00
K4+100. 00	100. 00	4. 49	3. 05	304. 50
K4+200. 00	100. 00	5. 76	5. 13	512. 50
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K4+500. 00	100. 00	3. 25	8. 18	817. 50
K4+600. 00	100. 00	4. 55	3. 90	390. 00
K4+700. 00	100. 00	3. 48	4. 02	401. 50
K4+800. 00	100. 00	5. 77	4. 63	462. 50
K4+900. 00	100. 00	12. 48	9. 13	912. 50
工程量				17467. 00
桩号	间距 L (m)	挖方		
		A	$\bar{A}$	V (m ³)

河道土方开挖表

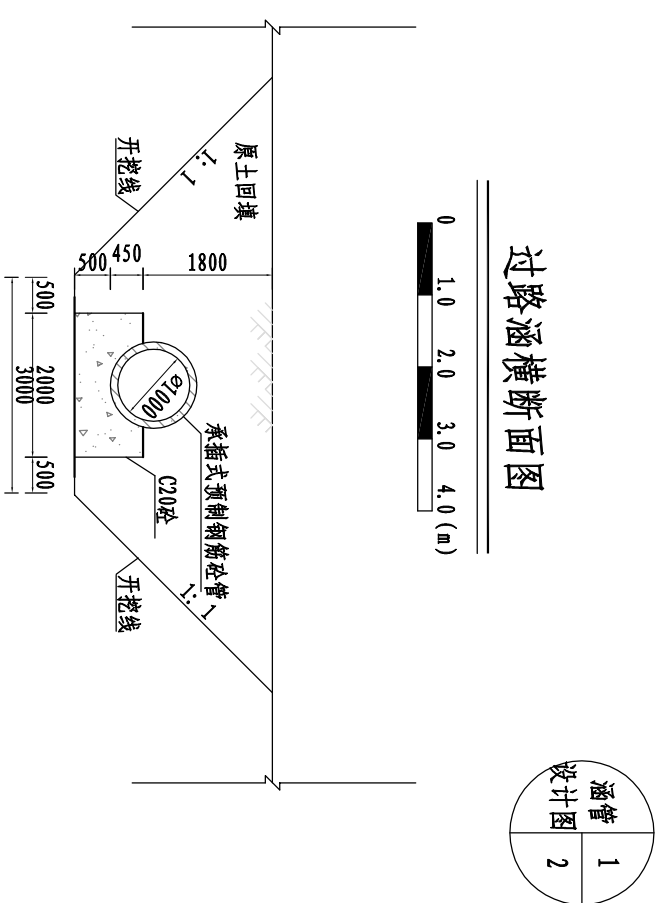
桩号	间距 L (m)	挖方		
		A	$\bar{A}$	V (m ³)
K6+100. 00		14. 47		
K6+200. 00	100. 00	19. 08	16. 78	1677. 50
K6+300. 00	100. 00	3. 98	11. 53	1153. 00
K6+400. 00	100. 00	4. 55	4. 27	426. 50
K6+500. 00	100. 00	4. 16	4. 36	435. 50
K6+504. 00	4. 60	5. 14	4. 65	21. 39
工程量				3713. 89
桩号	间距 L (m)	挖方		
		A	$\bar{A}$	V (m ³)



涵管纵剖视图



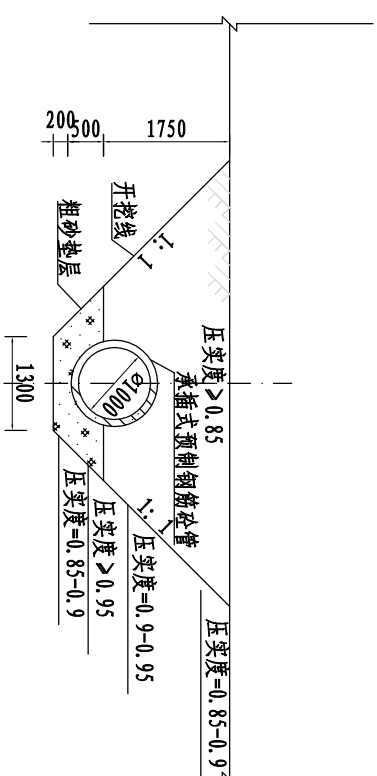
圖面平面



过路涵横断面图



排水涵管横断面图

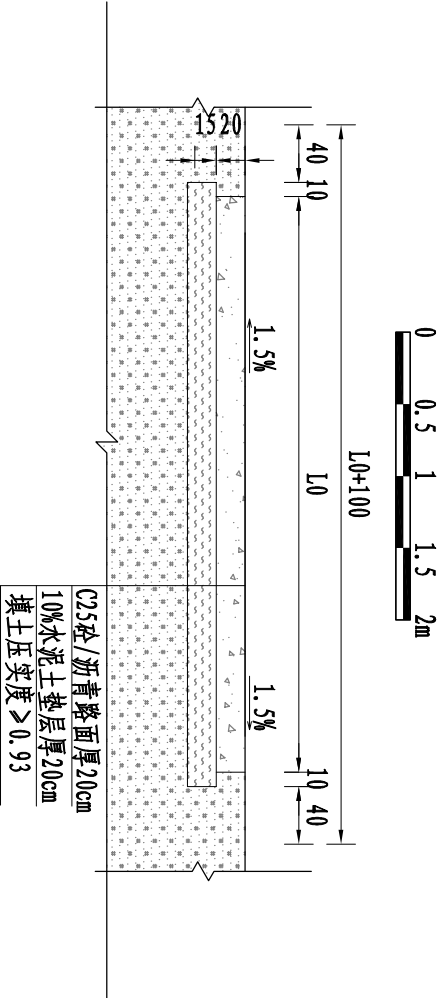


说明:

- 1、本图尺寸除高程以米计之外,其他单位均以毫米计;
- 2、本图高程系为1985年国家高程基准,坐标系采用2000坐标系;
- 3、图中未详处按现行规范实施。

河南省中建建设工程有限公司 HENAN ZHONGJIAN CONSTRUCTION ENGINEERING DESIGN CO. LTD	项目名称 Project	尉氏县中山沟治理工程		图名 Drawing Name	中山沟涵管设计图 (1/2-2/2)	设计 Design	校核 Check	项目负责人 Project Person in Charge	审核 Speciality	设计号 Project No.	图号 Drawing No.	日期 Date	图别 Drawing Sort
						陈小维 陈小鹏	张鹏	李林涛	陈涛	2019-SZ037	YS-04	2019.09	施工图

破除/恢复路面横断面图



涵管参数表

序号	起点桩号	终点桩号	长度L (m)	备注
1	0+000	0+160	160	涵管
2	0+160	0+180	20	过路涵管
3	0+650	0+775	125	涵管
4	0+775	0+785	10	过路涵管
5	0+785	0+800	15	涵管
6	0+800	0+810	10	过路涵管
7	0+810	0+840	30	涵管
8	0+840	0+850	10	过路涵管
9	0+850	0+915	65	涵管
10	0+915	0+925	10	过路涵管
11	0+925	1+000	75	涵管
12	1+000	1+010	10	过路涵管
13	1+010	1+040	30	涵管
14	1+040	1+050	10	过路涵管
15	1+050	1+060	10	涵管
16	1+060	1+070	10	过路涵管
17	4+120	4+130	10	过路涵管
18	4+335	4+345	10	过路涵管
19	4+430	4+440	10	过路涵管
20	4+950	5+070	120	涵管
21	5+070	5+080	10	过路涵管
22	5+080	5+270	190	涵管
23	5+270	5+280	10	过路涵管
24	5+280	5+620	340	涵管
25	5+620	5+630	10	过路涵管
26	5+630	6+020	390	涵管
27	6+090	6+110	20	过路涵管

说明:

- 1、本图尺寸除高程以米计之外，其他单位均以毫米计；
- 2、根据实际情况，垂直河道方向，道路破长宽度为4m；
- 3、本图高程系为1985年国家高程基准，坐标系采用2000坐标系；
- 4、图中未详处按现行规范实施。