

Maapenger, uudet raiteet nykyisten pohjoispuolella (KM 12+100)

Jk-2-PB1800-11.30

NYKYISET RAITEET

UUDET RAITEET

ER

EKR

PKR

PR

3.40 ≥4.50 ≥4.50 4.50 3.40

PENGERLEVITYS SÄHKÖPYLVÄÄN KOHDALLA

TUKIKERROS 550mm
VÄLKERROS 150mm
ERISTYSKERROS 1100mm
1800mm

MELUKAITEEN PILARIPERUSTUS

Matala maaleikkaus, uudet raiteet nykyisten pohjoispuolella (KM 12+420)

Jk-2-LB1800-11.30

NYKYISET RAITEET

UUDET RAITEET

ER

EKR

PKR

PR

3.40 ≥4.30 ≥6.75 4.50 3.40 6.40

PENGERLEVITYS SÄHKÖPYLVÄÄN KOHDALLA

TUKIKERROS 550mm
VÄLKERROS 150mm
ERISTYSKERROS 1100mm
1800mm

Maapenger, uudet raiteet nykyisten molemmin puolin (KM 14+200)

Jk-2-PB1800-11.30

UUSI RAIDE

NYKYISET RAITEET

UUSI RAIDE

ER

EKR

PKR

PR

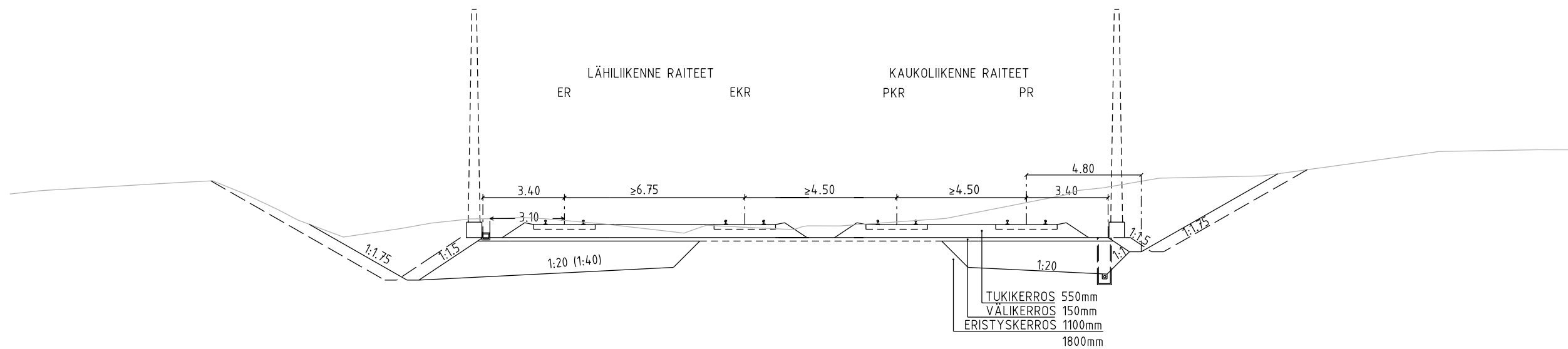
3.40 ≥4.50 ≥4.30 ≥4.50 3.40

PENGERLEVITYS SÄHKÖPYLVÄÄN KOHDALLA

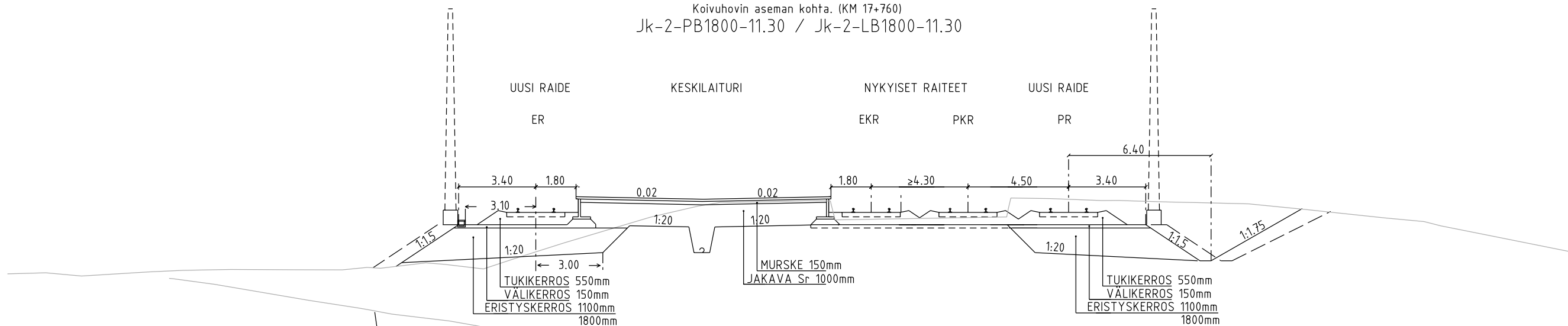
TUKIKERROS 550mm
VÄLKERROS 150mm
ERISTYSKERROS 1100mm
1800mm

MELUKAITEEN PILARIPERUSTUS

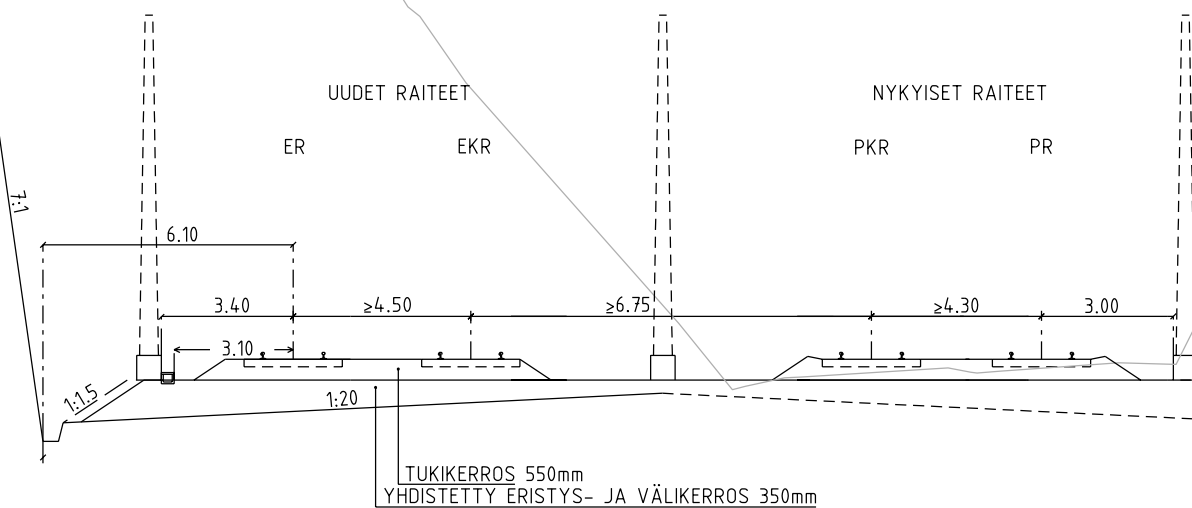
Maaleikkaus, uudet raiteet nykyisen penkereen molemmin puolin. Kaikki raiteet uusia. (KM 17+340)
Jk-2-LB1800-11.30

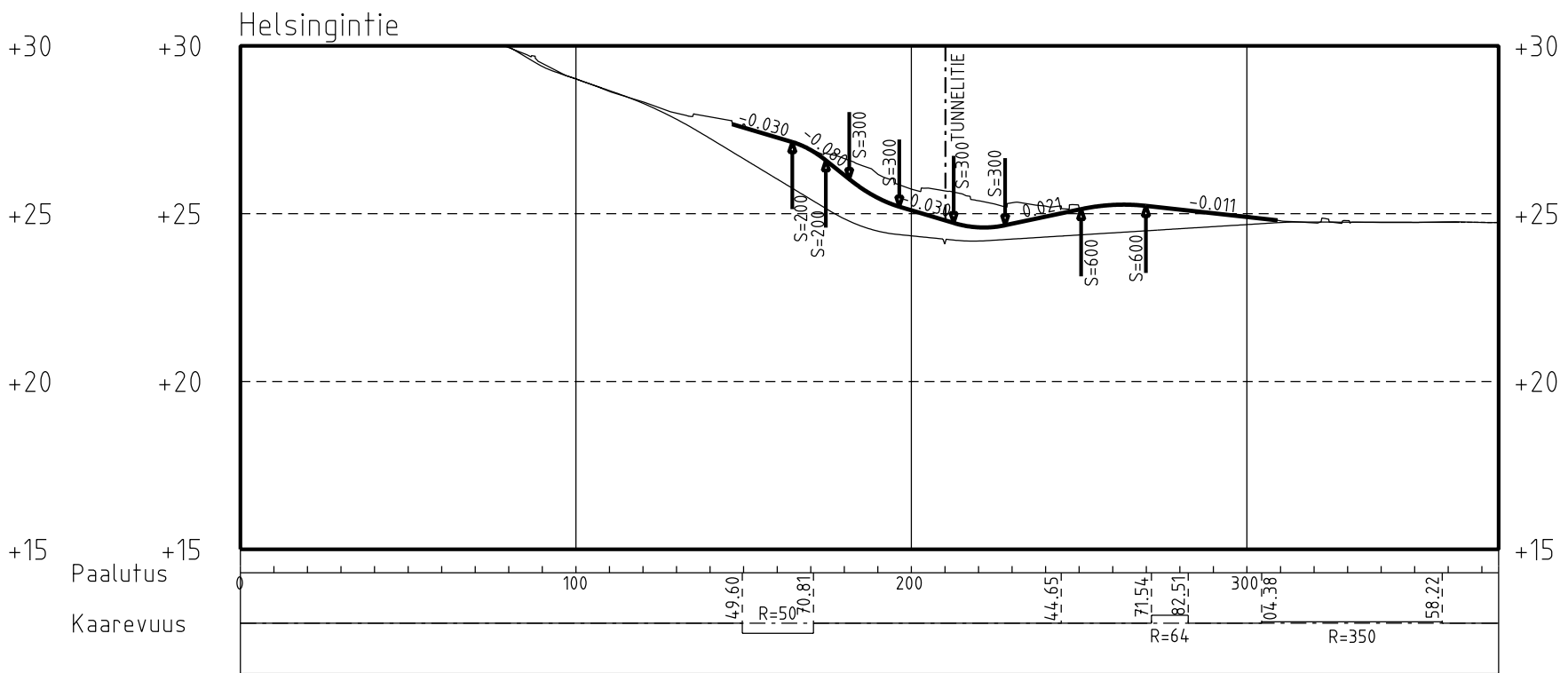
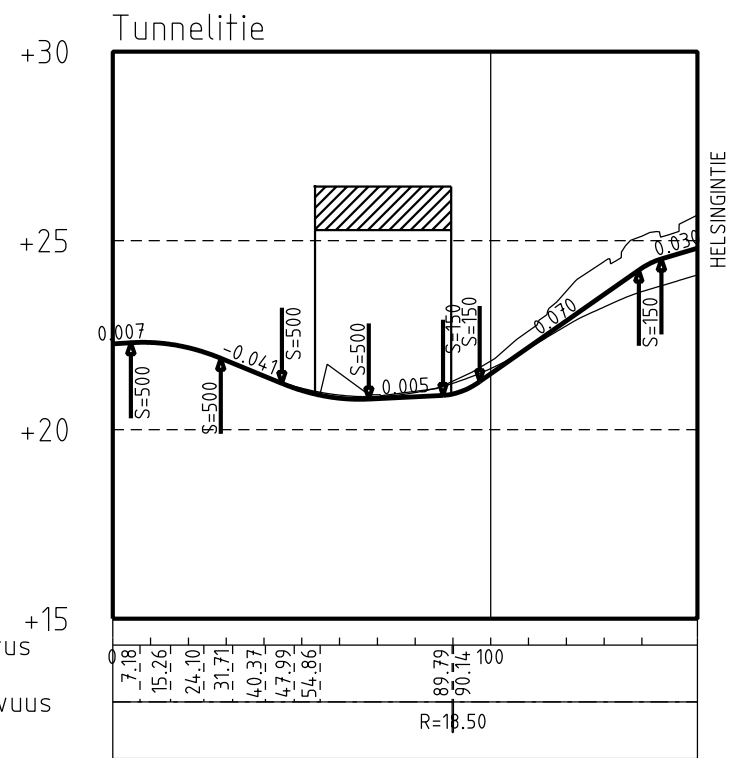
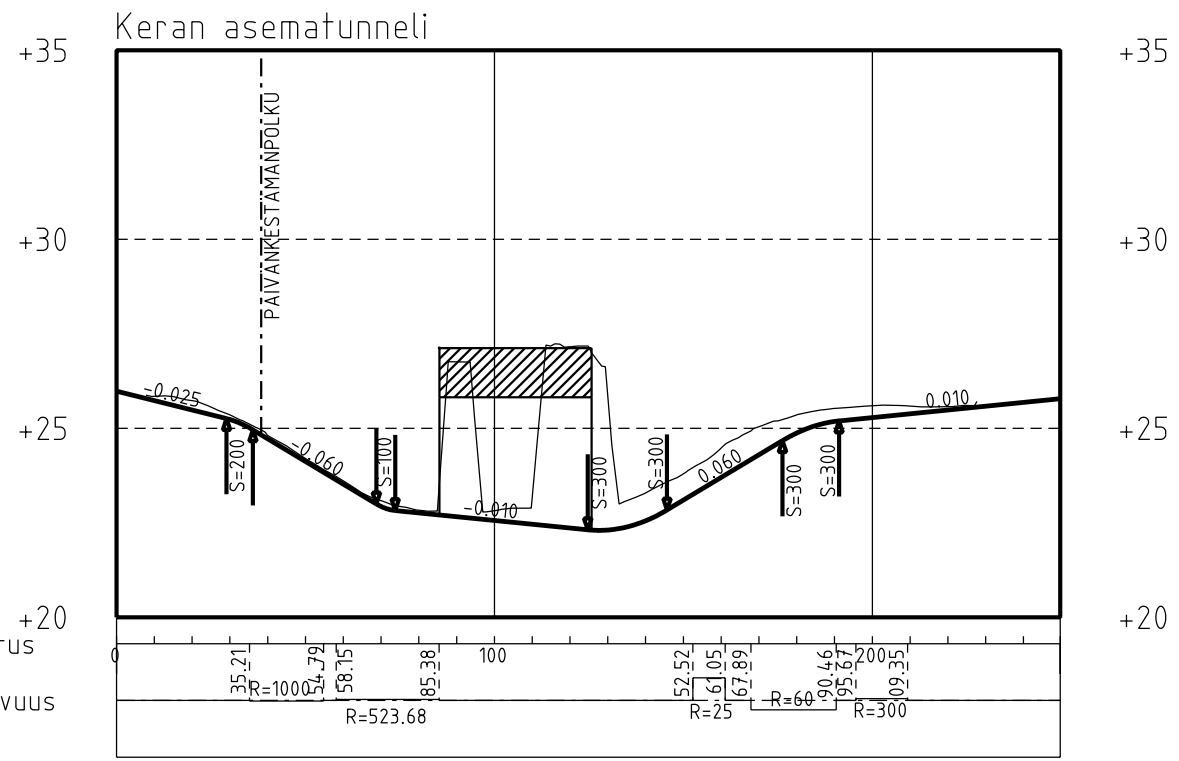
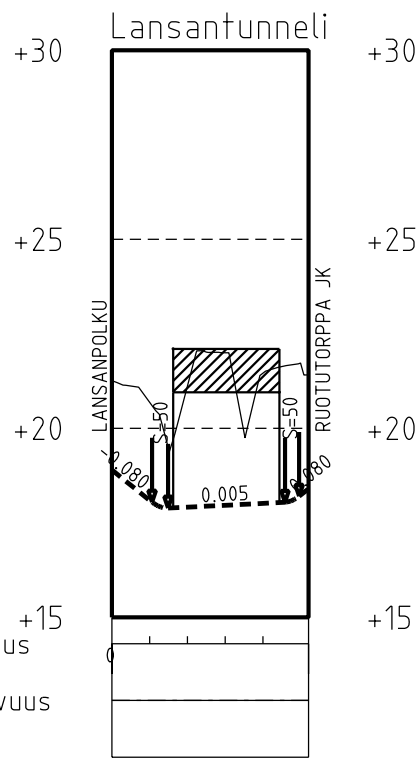
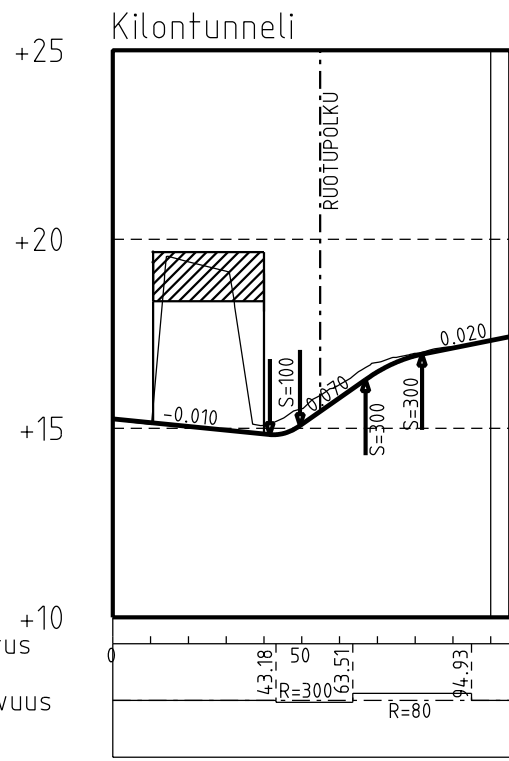


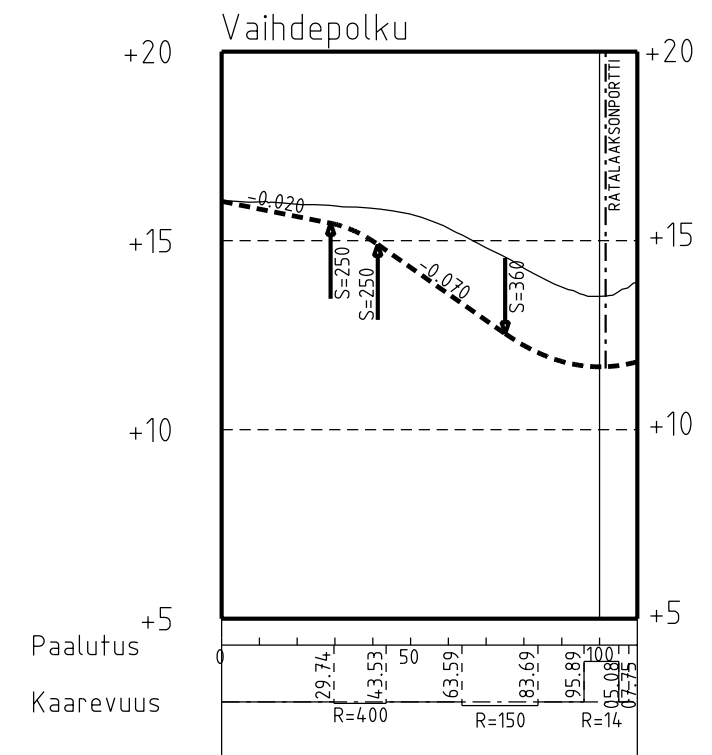
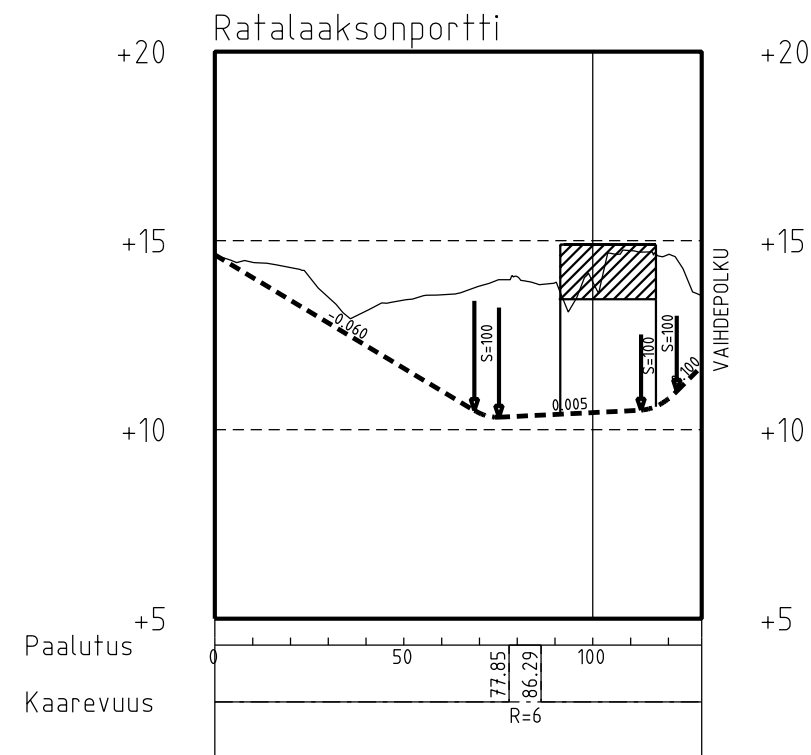
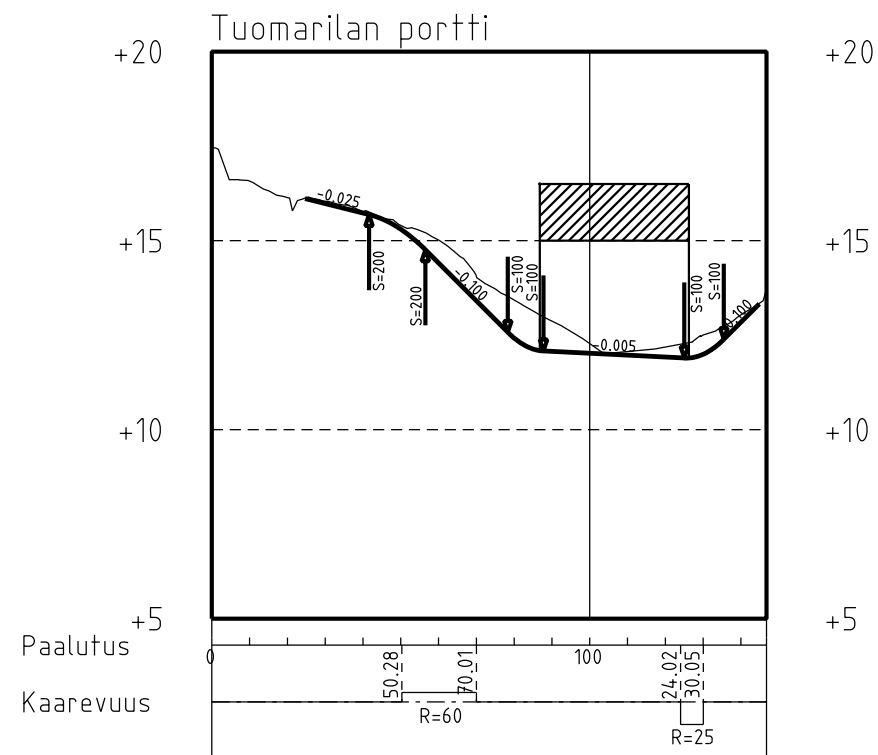
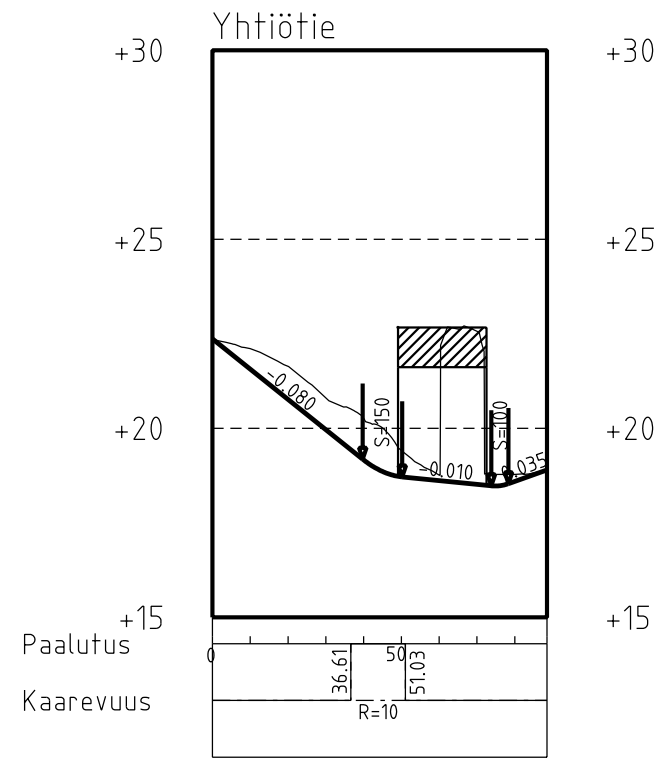
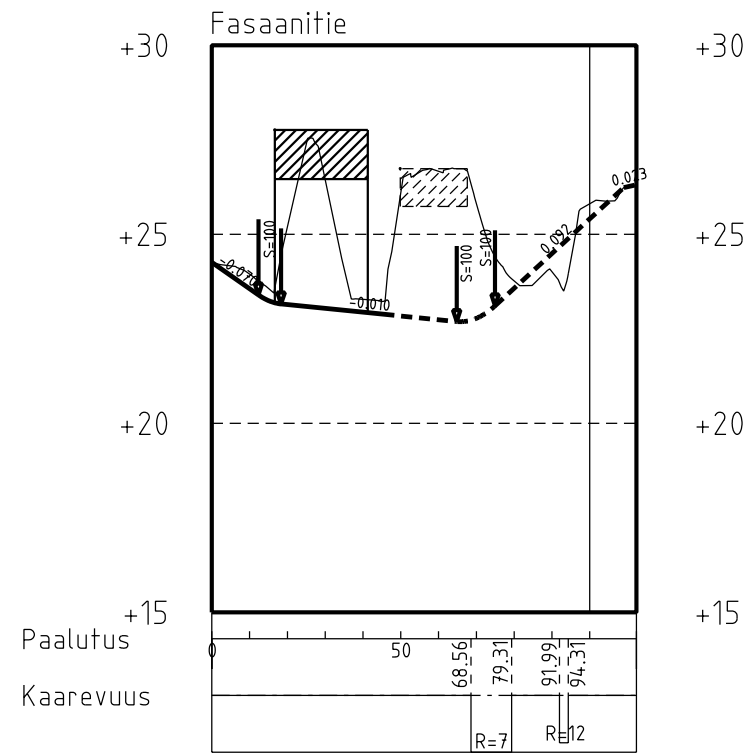
Koivuhovin aseman kohta. (KM 17+760)
Jk-2-PB1800-11.30 / Jk-2-LB1800-11.30

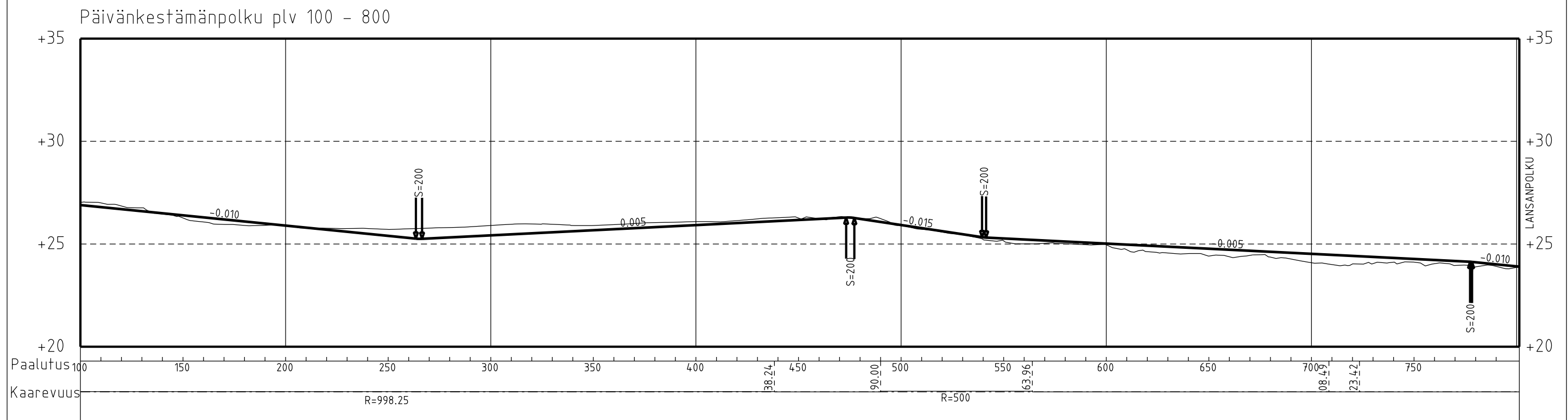
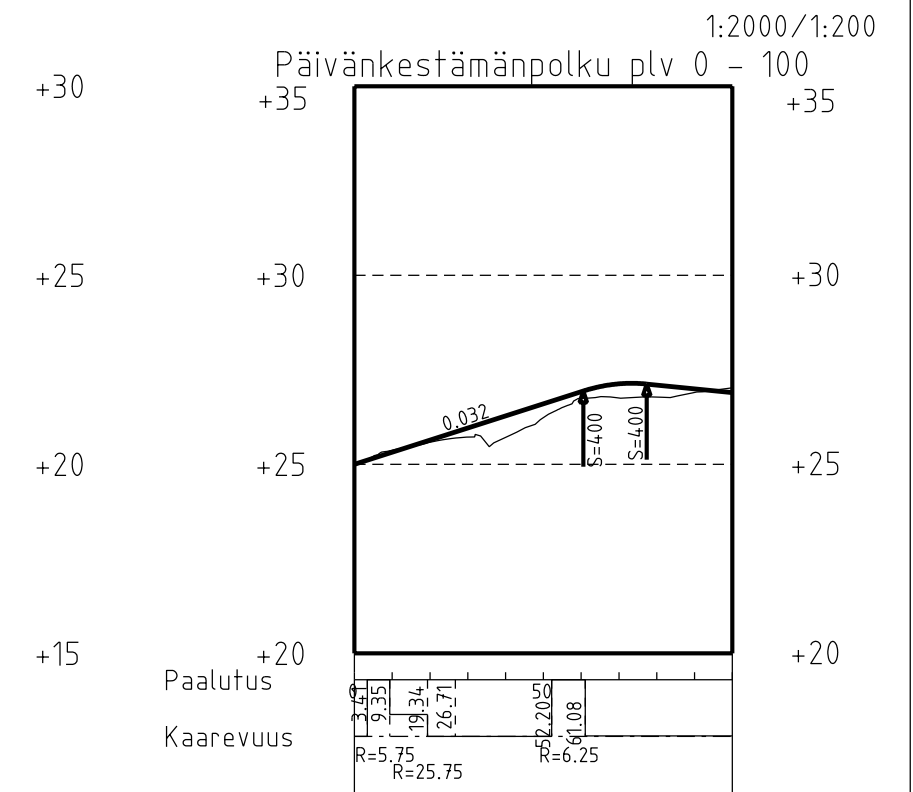
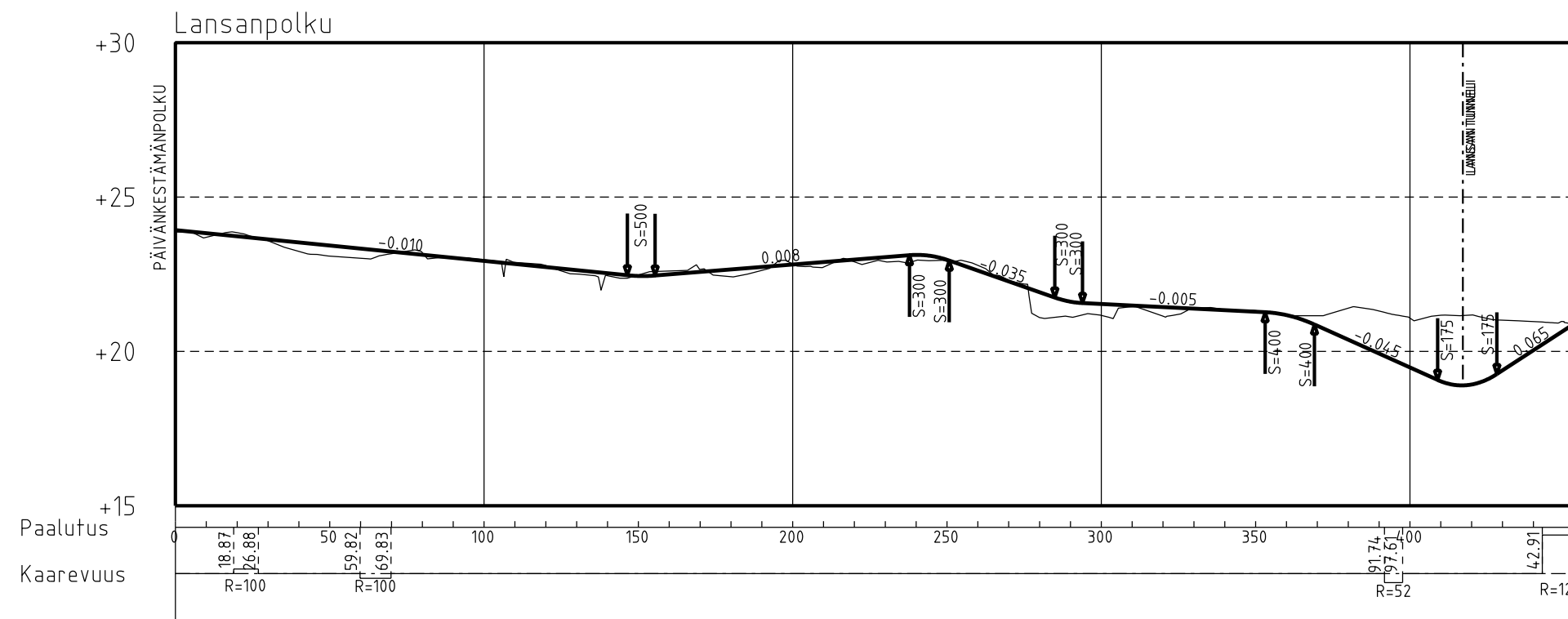


Kalliioleikkaus, uudet raiteet nykyisen radan eteläpuolella. (KM 19+640)
Jk-2-KaB900-16.70

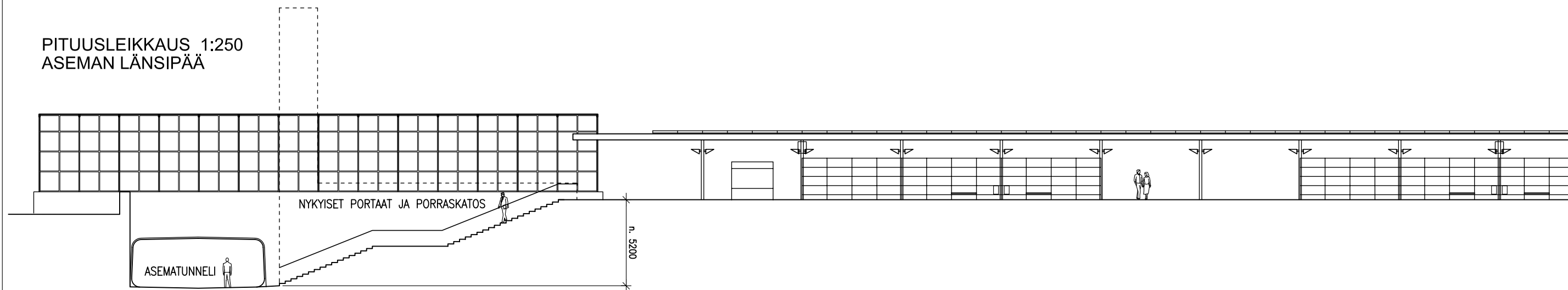




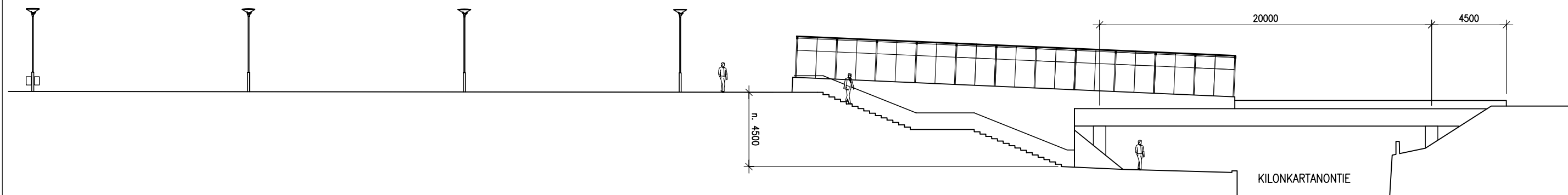




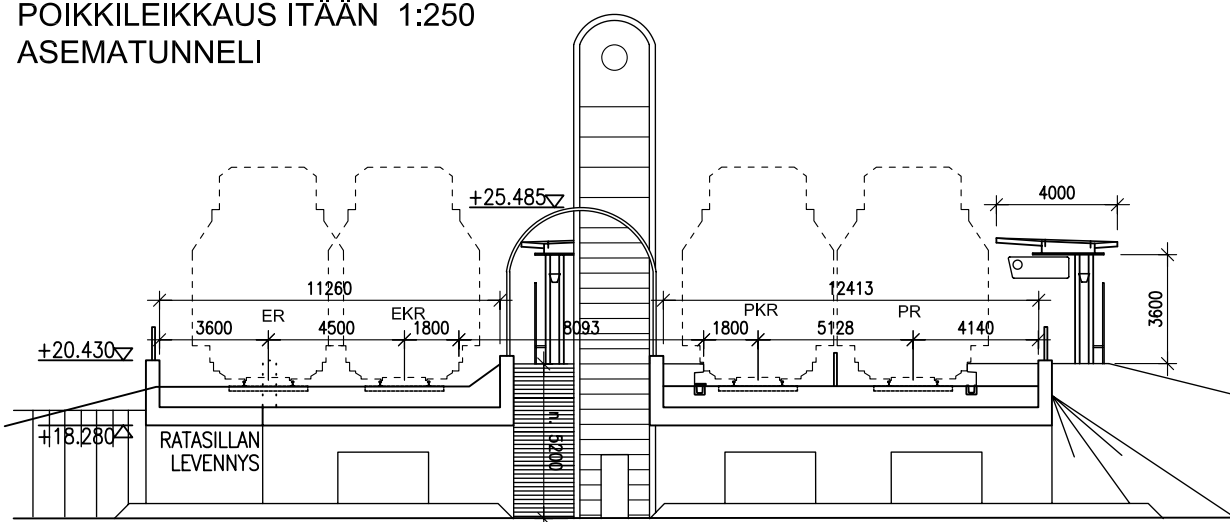
PITUUSLEIKKAUS 1:250
ASEMAN LÄNSIPÄÄ



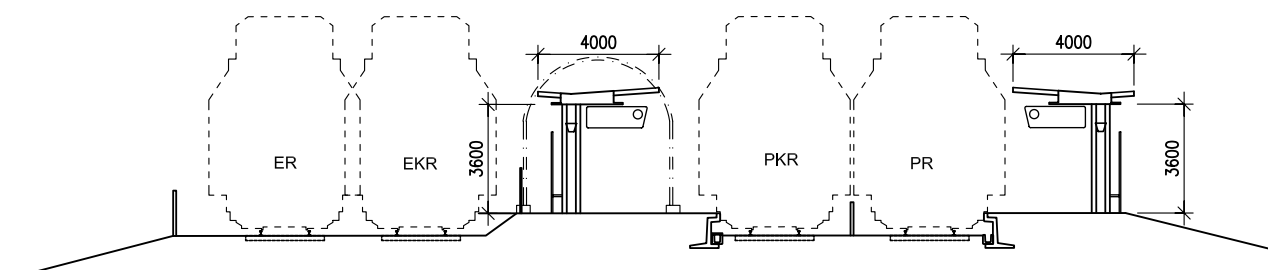
PITUUSLEIKKAUS 1:250
ASEMAN ITÄPÄÄ

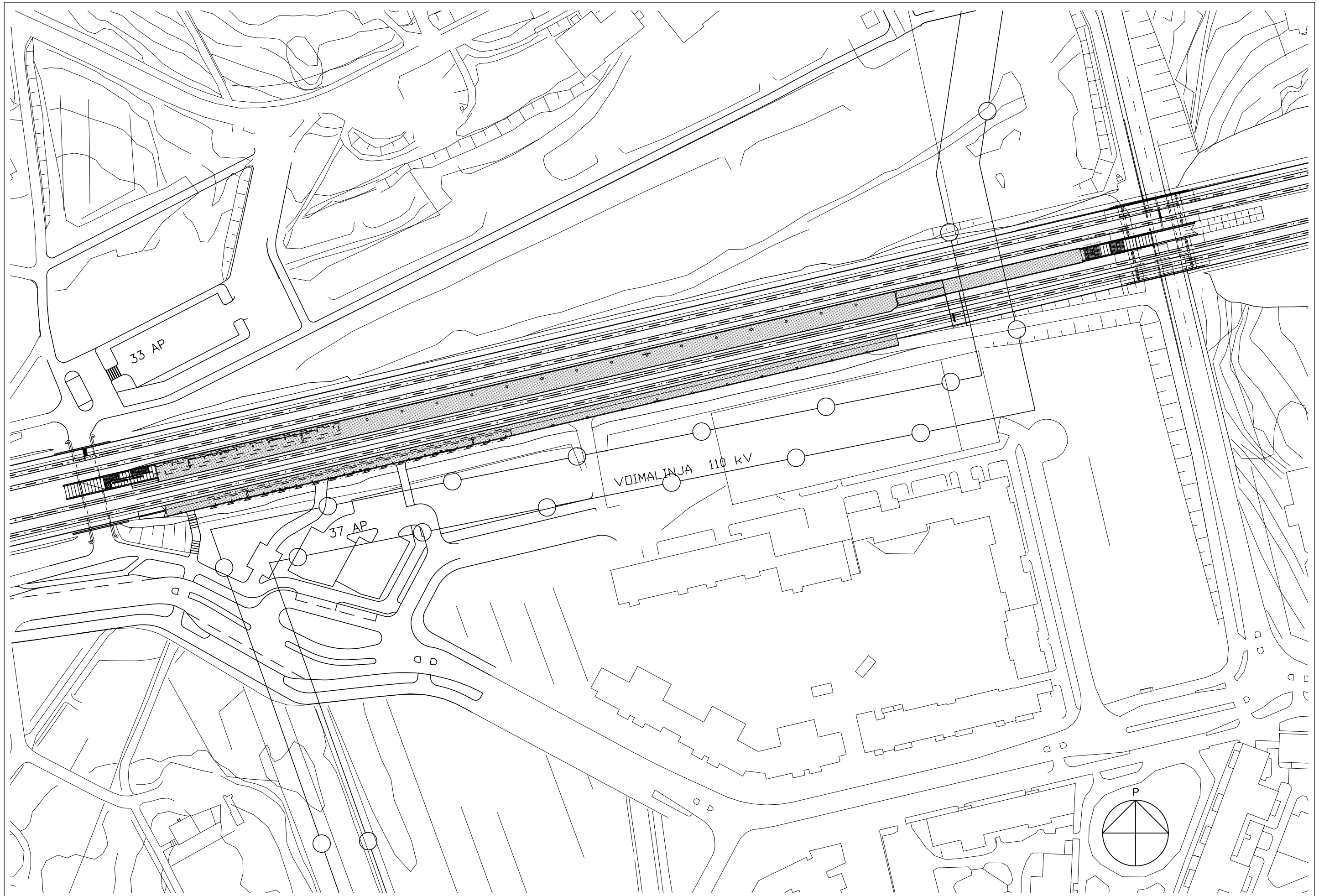


POIKKILEIKKAUS ITÄÄN 1:250
ASEMATUNNELI

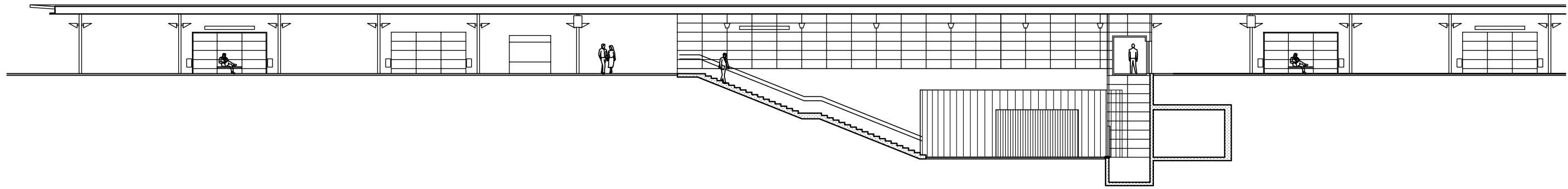


POIKKILEIKKAUS ITÄÄN 1:250
LAITURIALUE

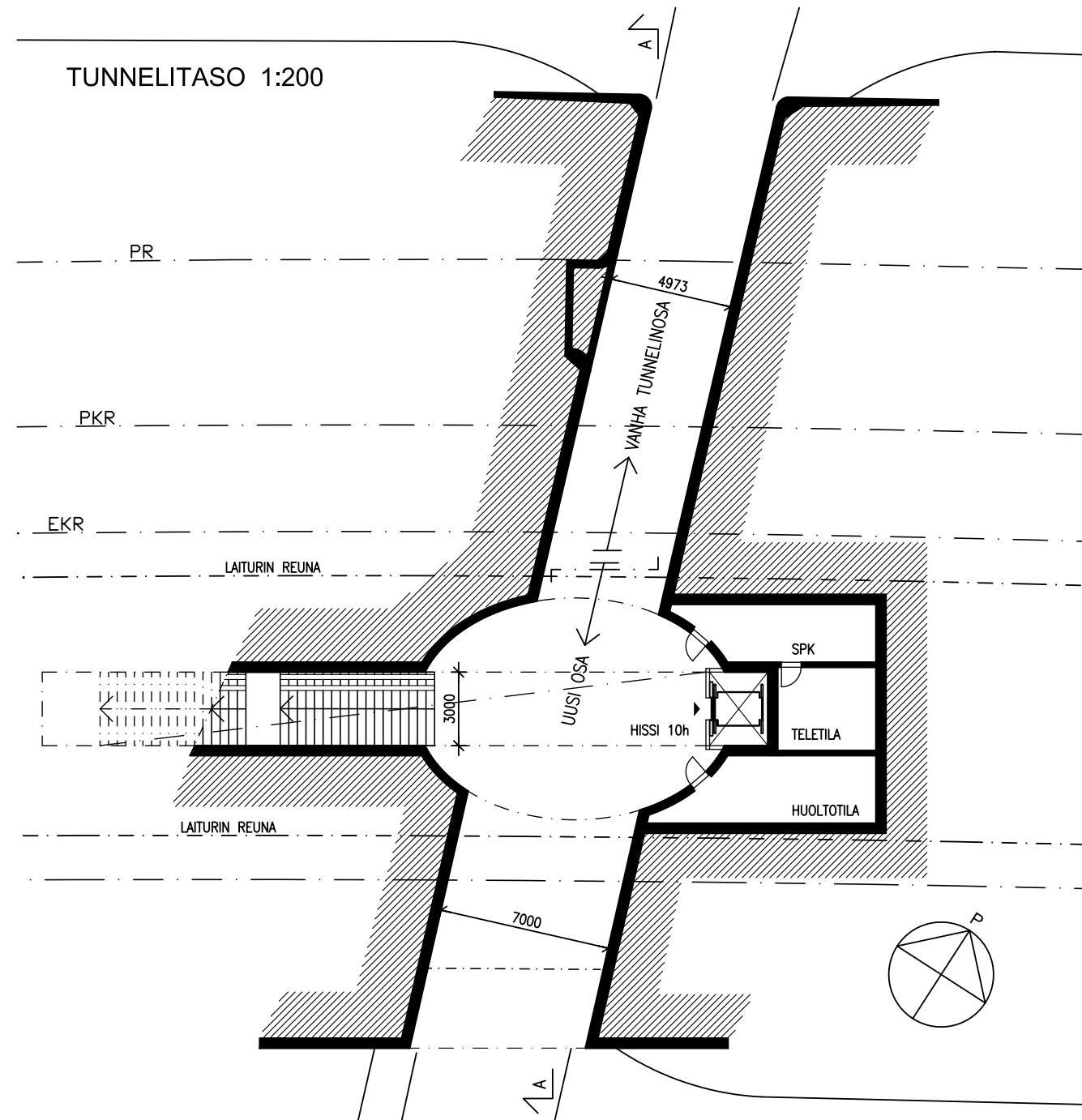




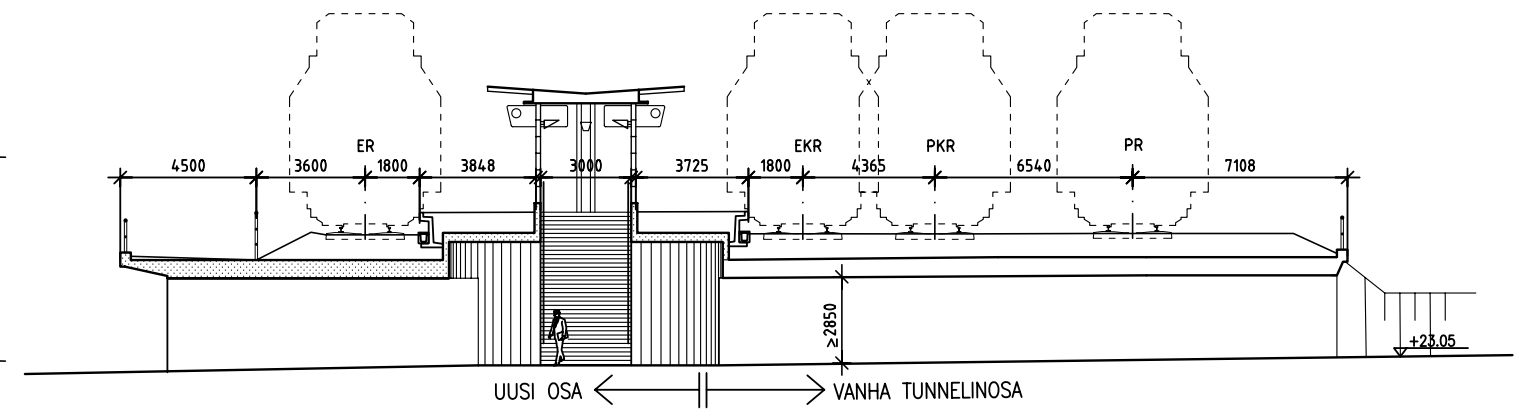
PITUUSLEIKKAUS 1:250

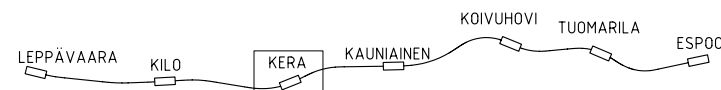
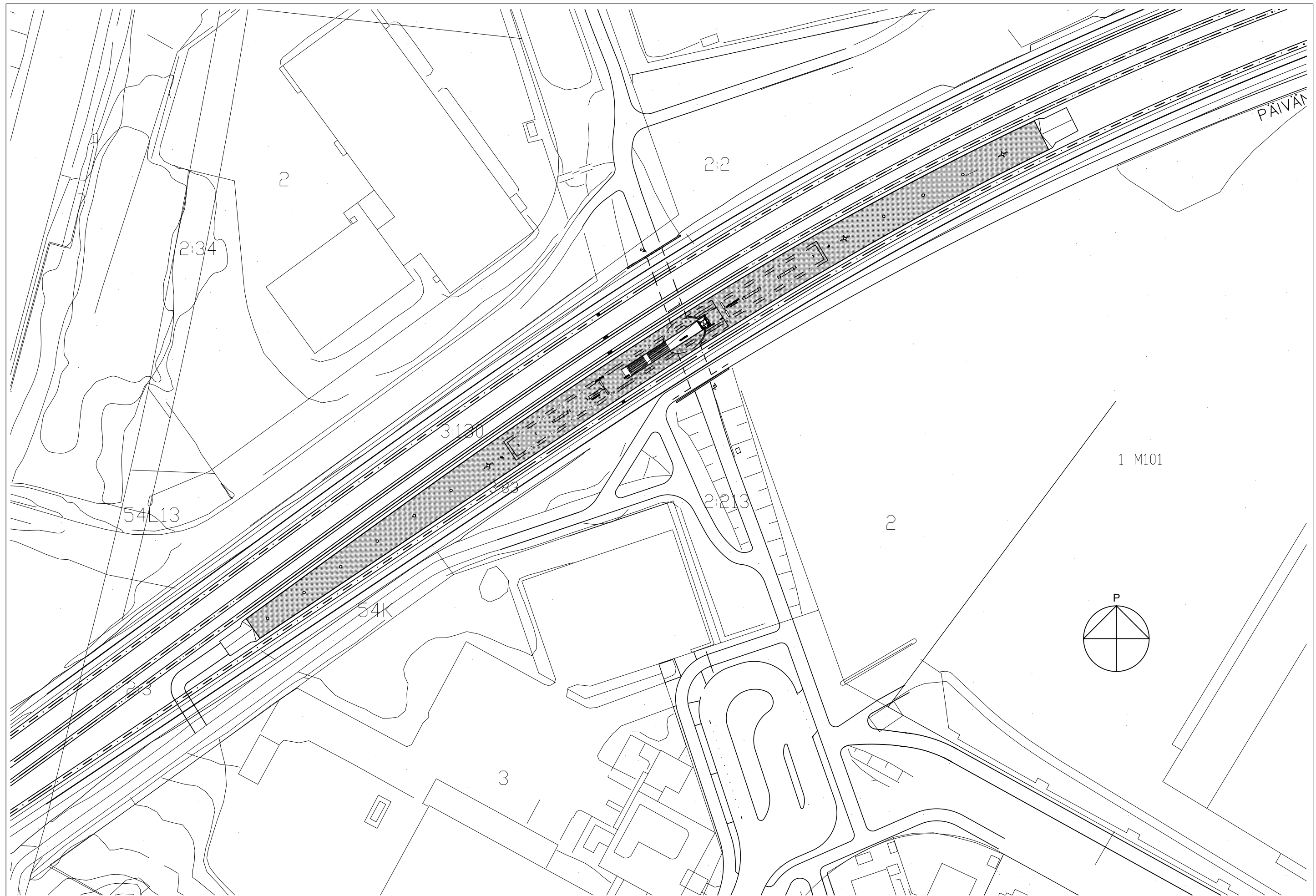


TUNNELITASO 1:200



POIKKILEIKKAUS 1:250



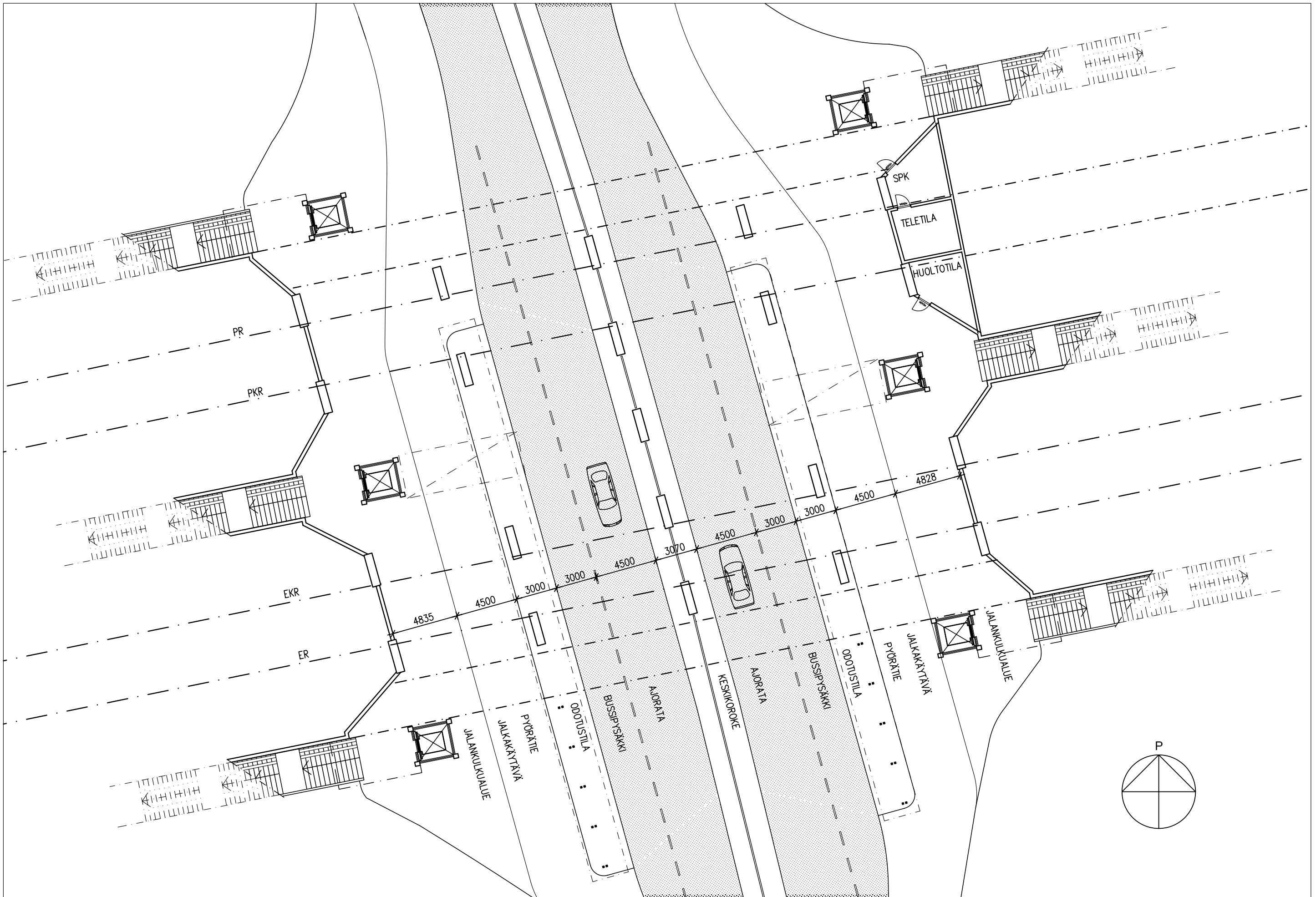


ESPOON KAUPUNKIRATA
YLEISSUUNNITELMA 2003

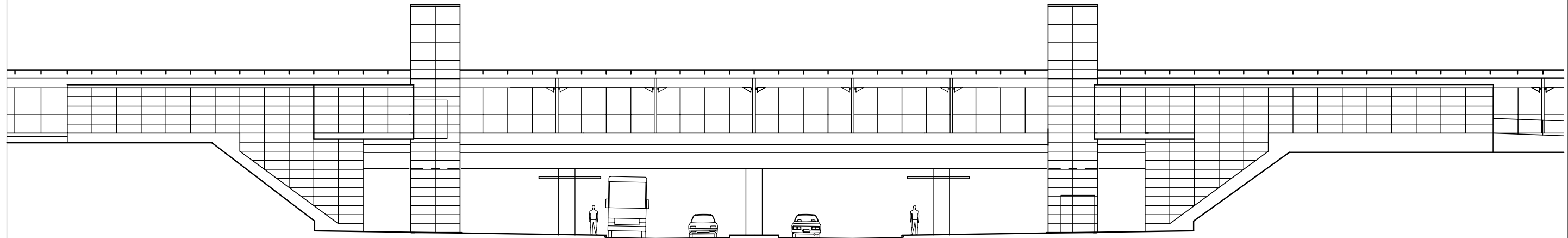
KERAN ASEMA
ASEMA-ALUE

1:1000
20.01.2003

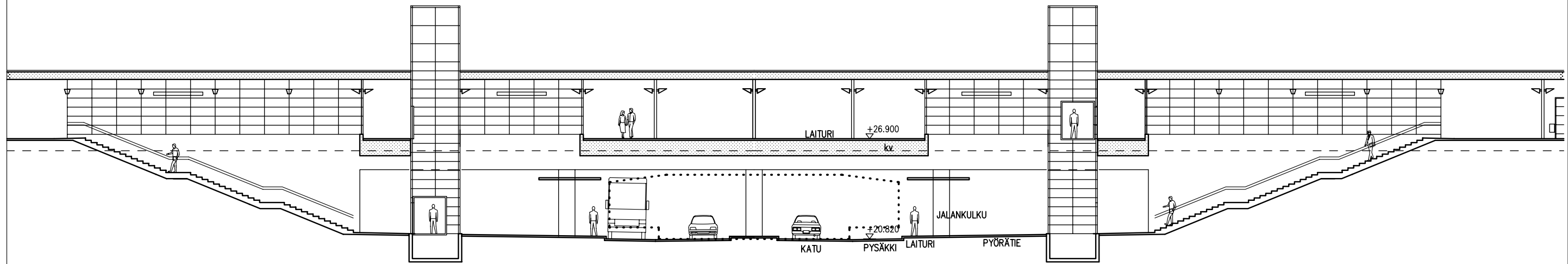
Arkkitehtitoimisto CJN Oy



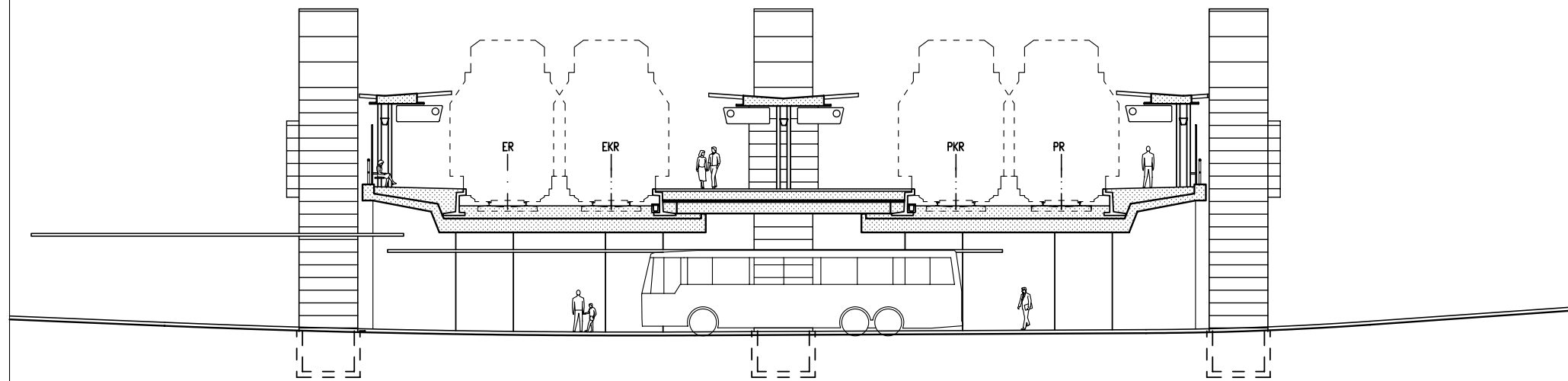
JULKISIVU ETELÄÄN 1:250

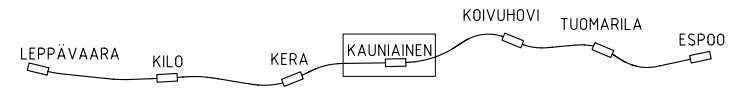
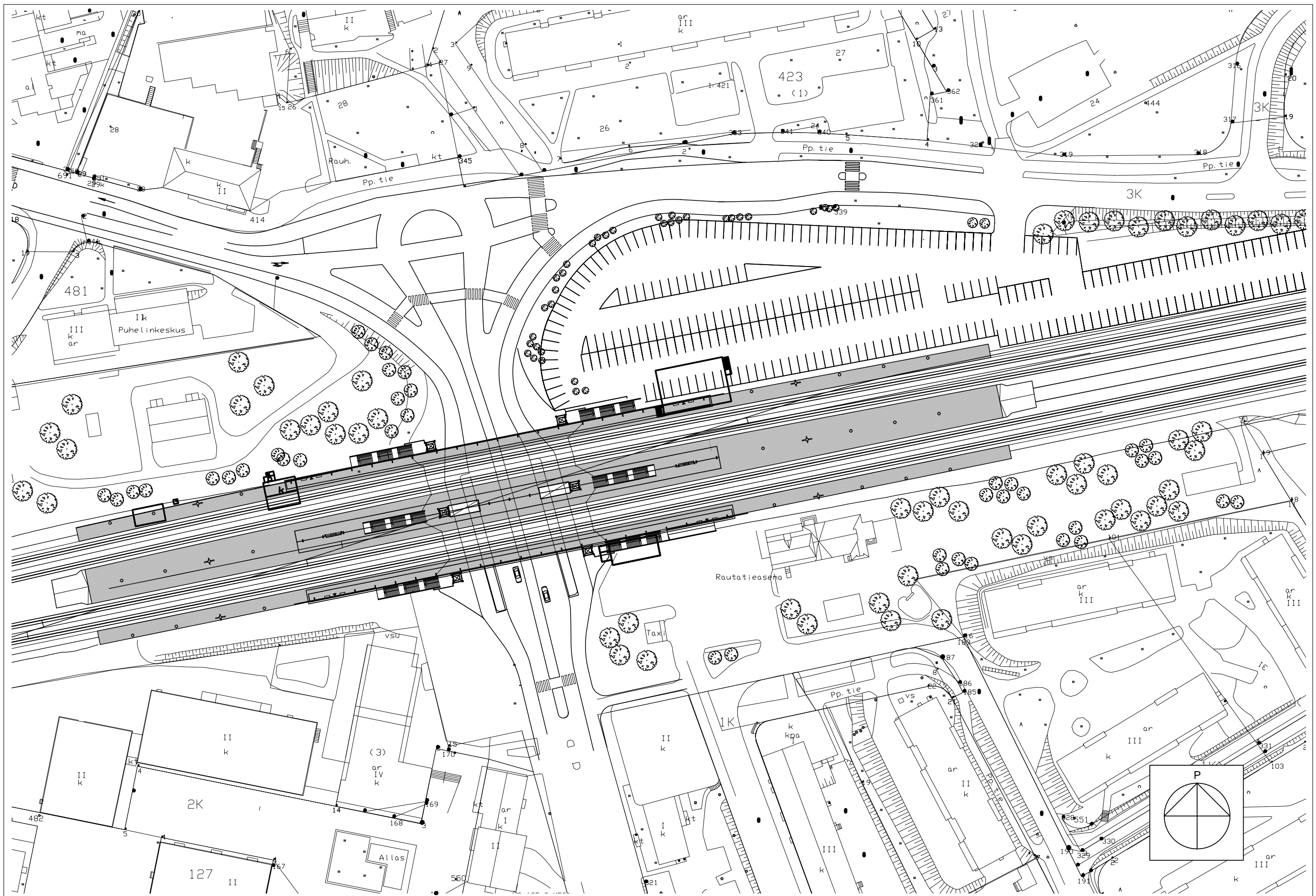


PITUUSLEIKKAUS 1:250



POIKKILEIKKAUS 1:250





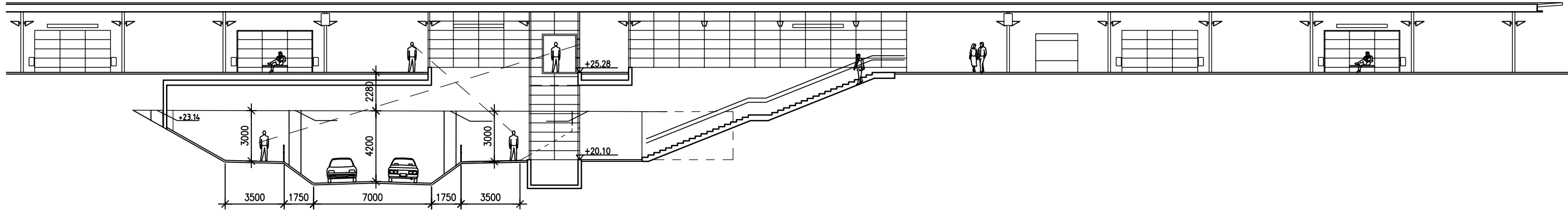
ESPOON KAUPUNKIRATA
YLEISSUUNNITELMA 2003

KAUNIAISTEN ASEMA
ASEMA-ALUE

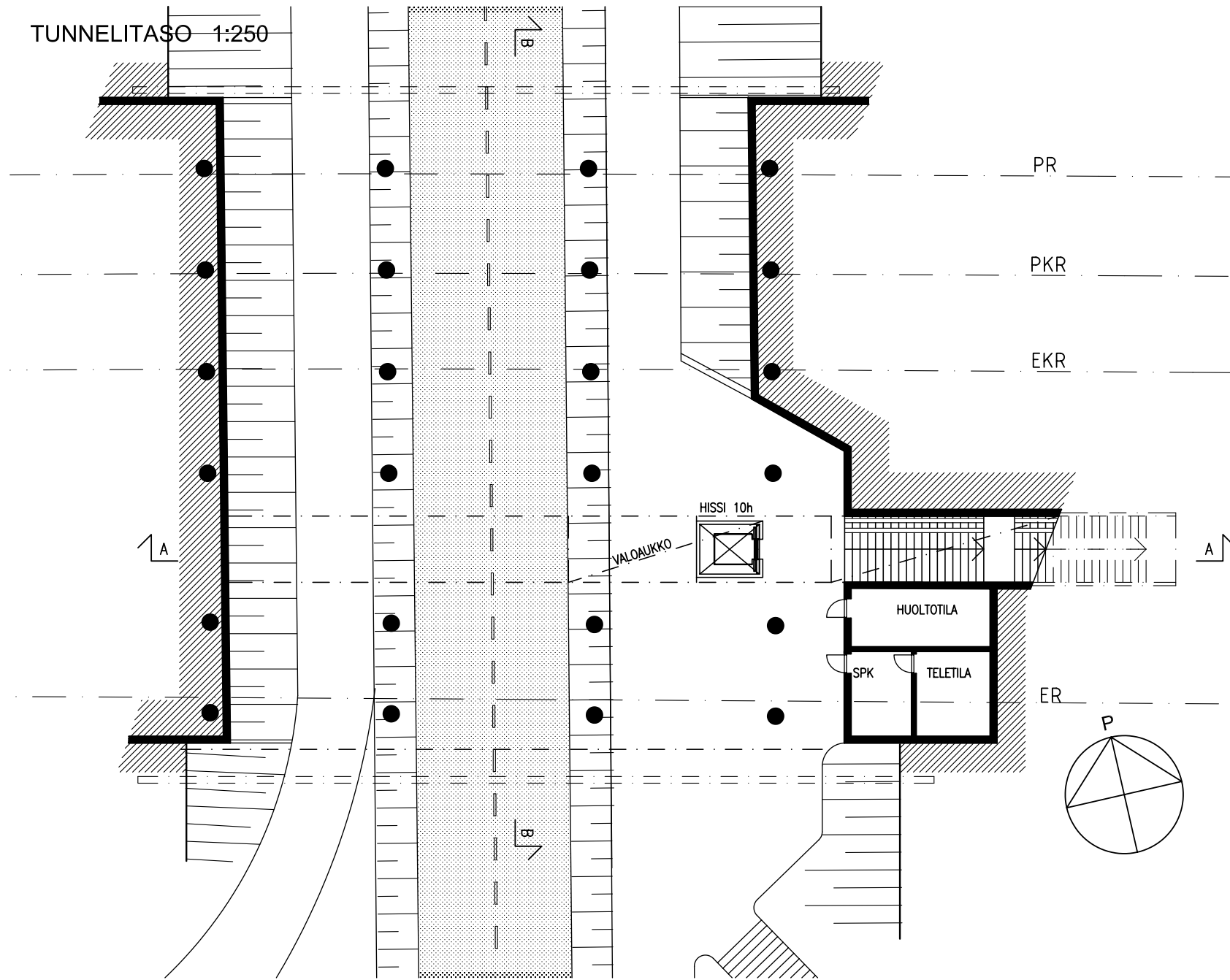
1:1000
20.01.2003

Arkkittehtitoimisto CJN Oy

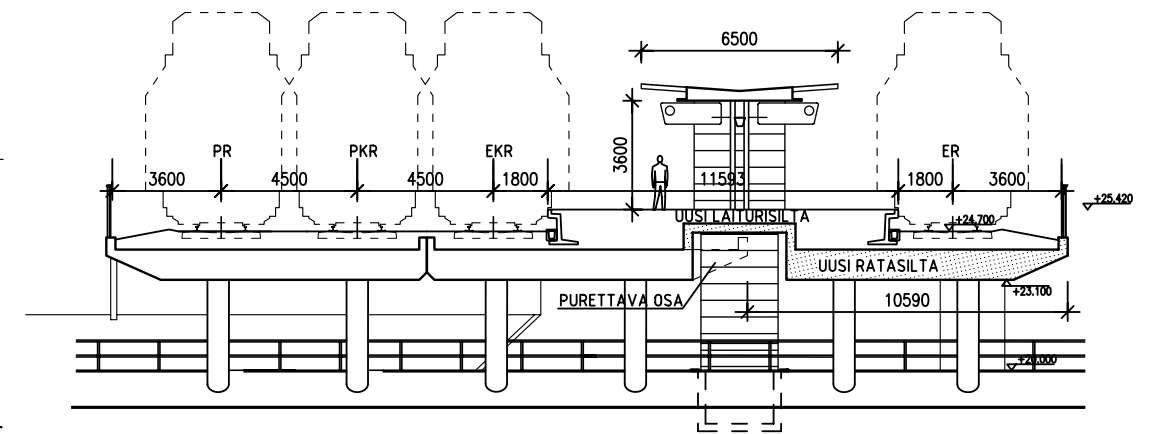
PITUUSLEIKKAUS A-A 1:250

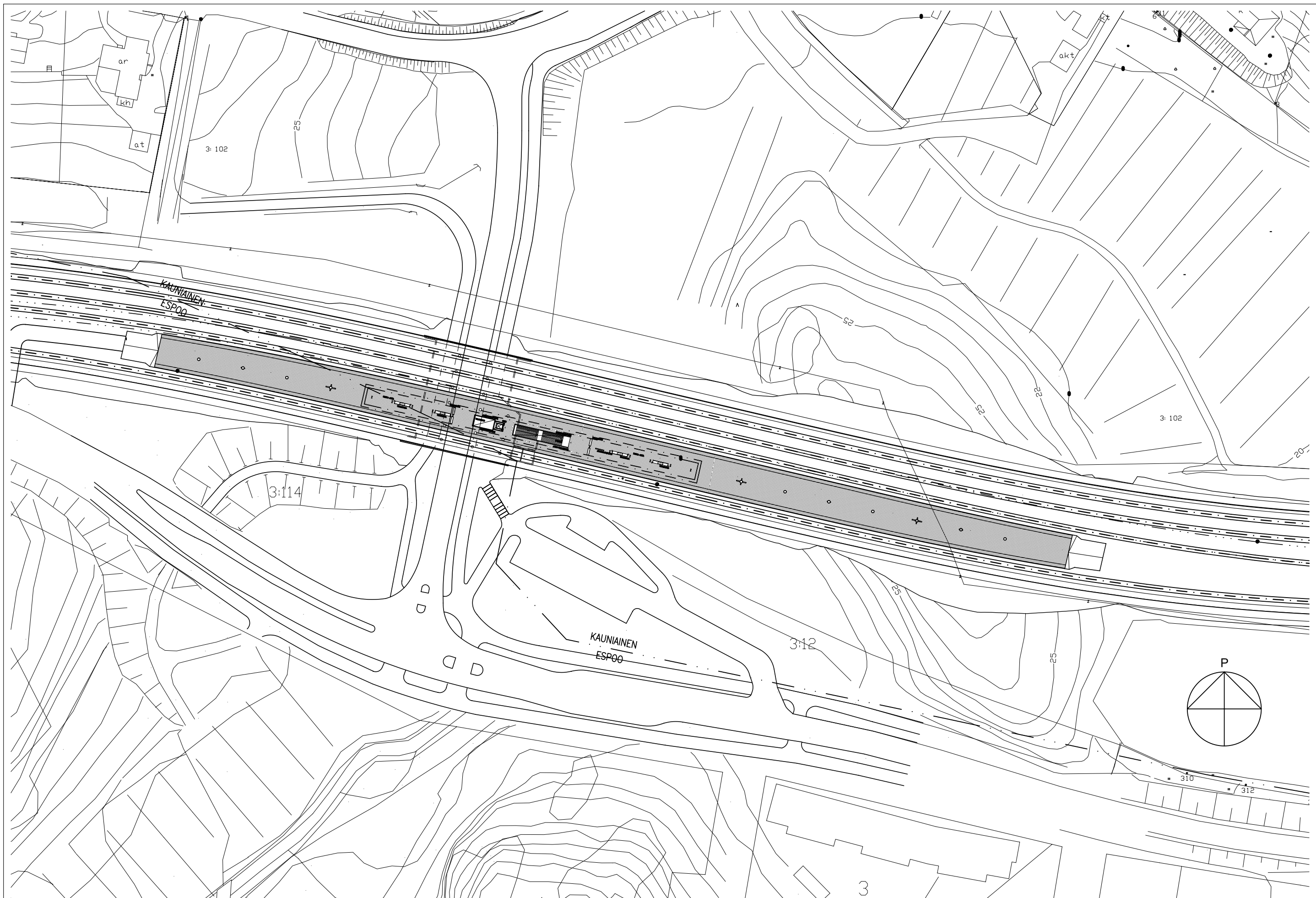


TUNNELITASO 1:250



POIKKILEIKKAUS B-B 1:250





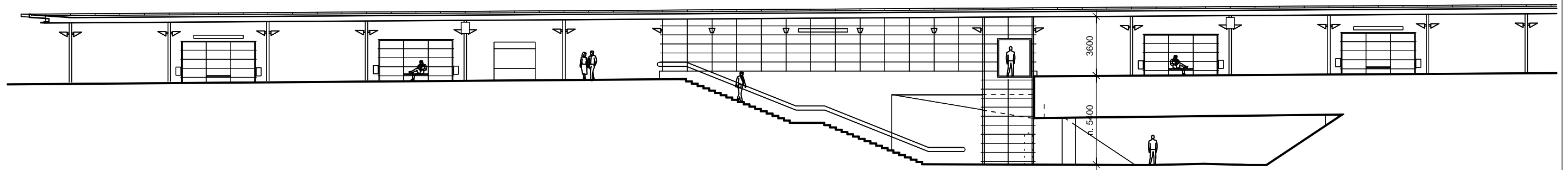
ESPOON KAUPUNKIRATA
YLEISSUUNNITELMA 2003

KOIVUHOVIN ASEMA
ASEMA-ALUE

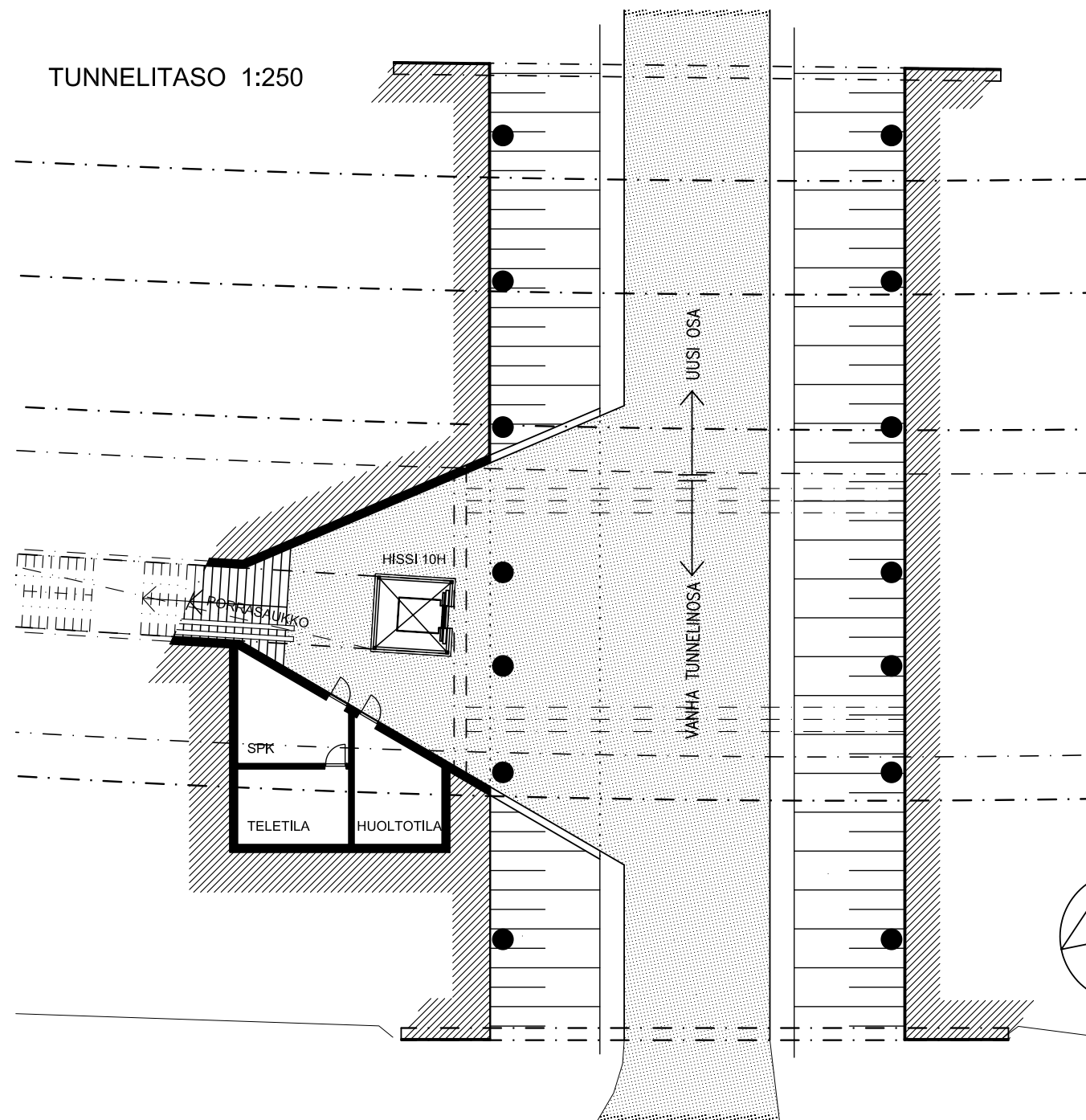
1:1000
20.01.2003

Arkkittehtitoimisto CJN Oy

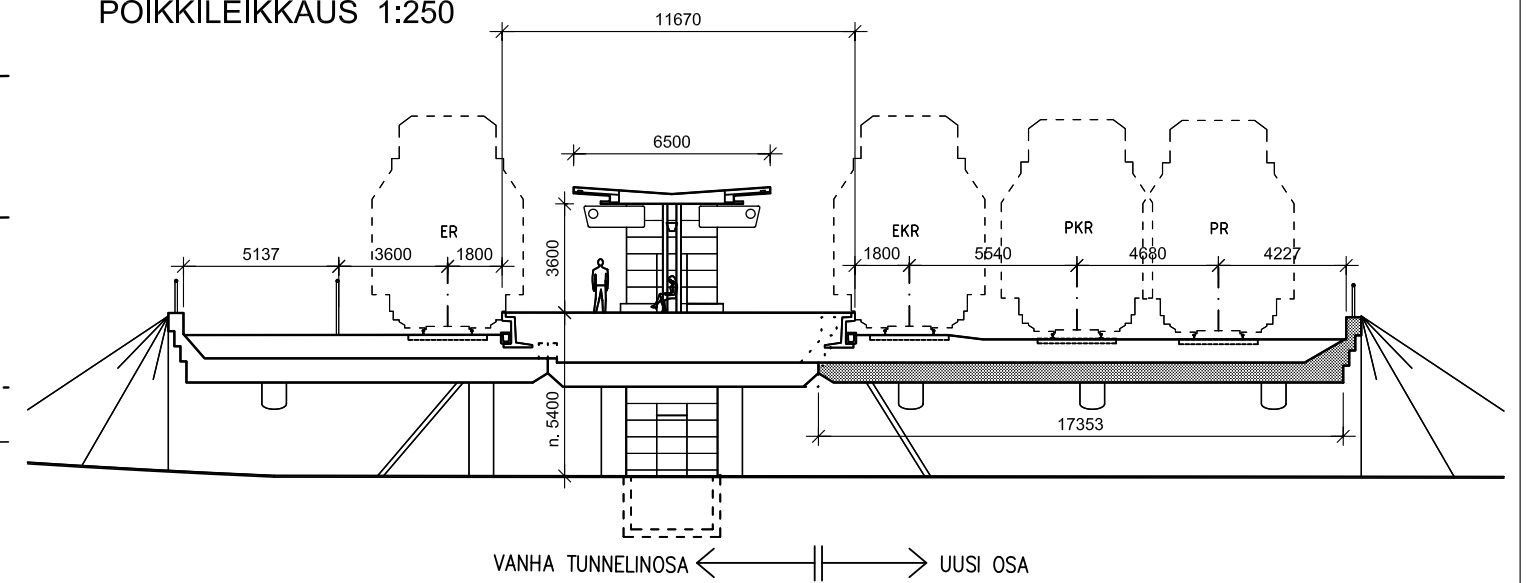
PITUUSLEIKKAUS 1:250

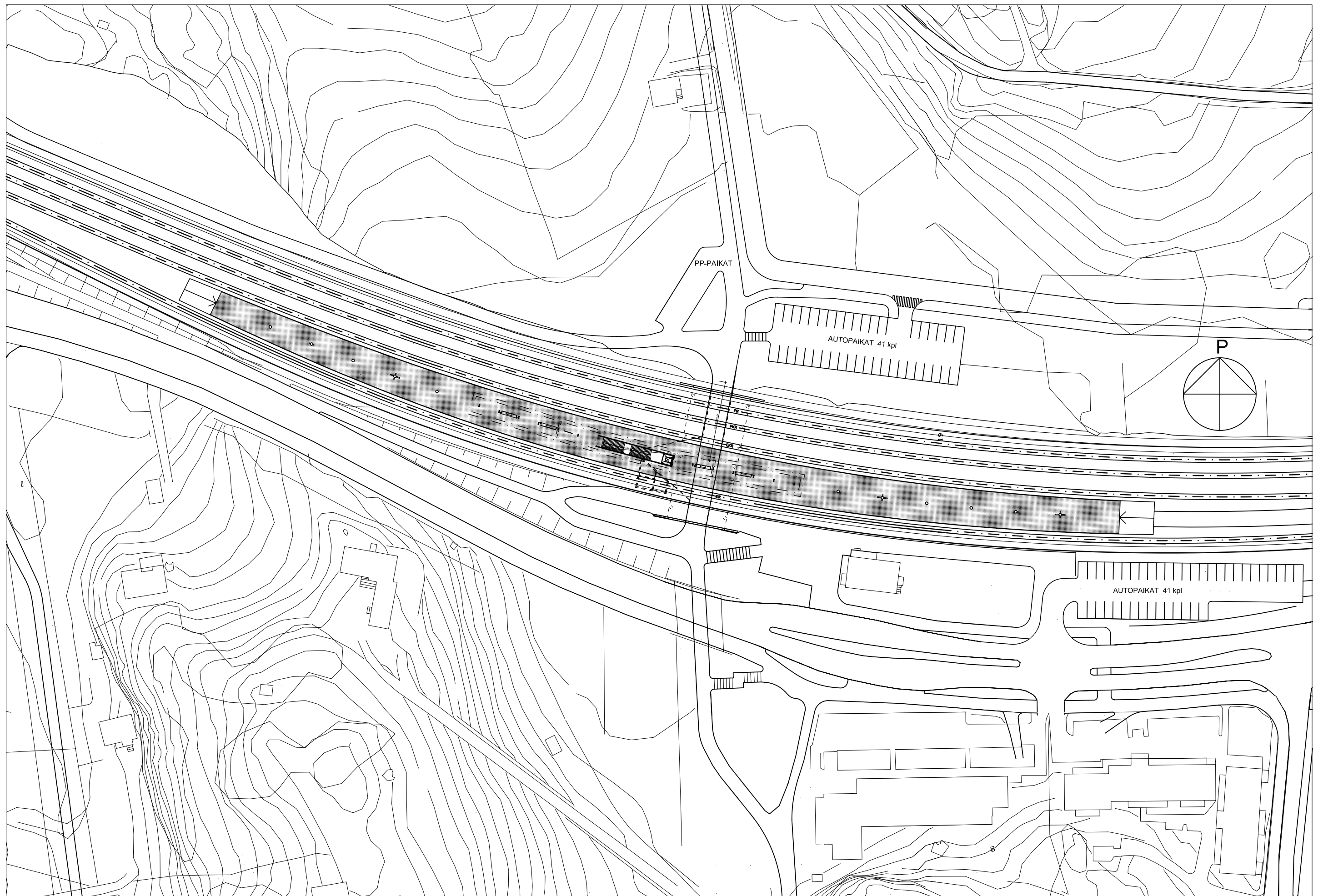


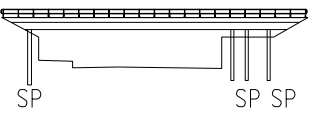
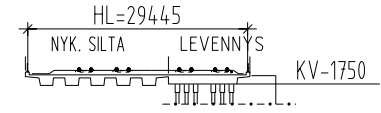
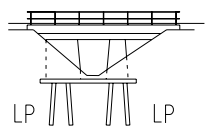
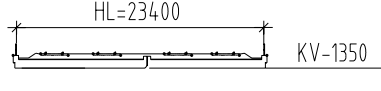
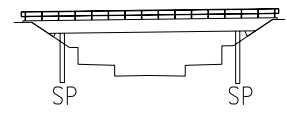
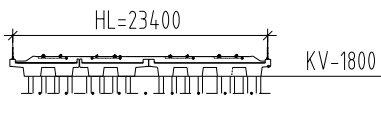
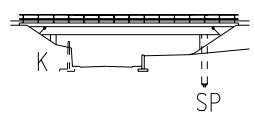
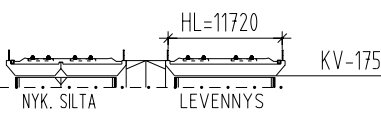
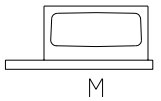
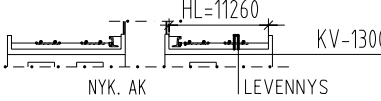
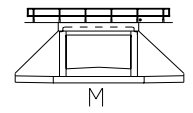
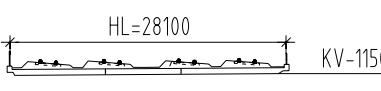
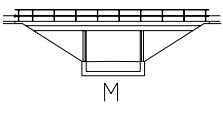

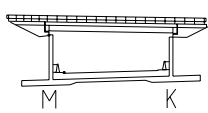
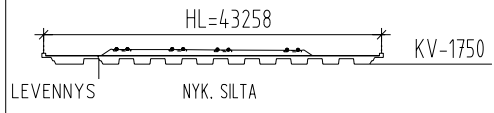
TUNNELITASO 1:250



POIKKILEIKKAUS 1:250



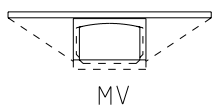
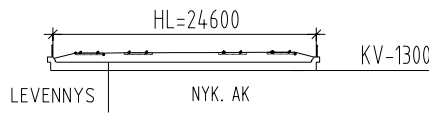
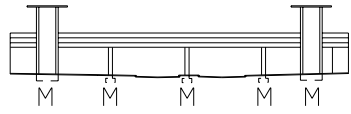
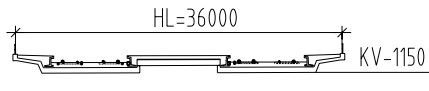
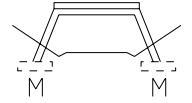
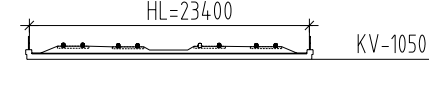
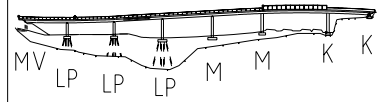
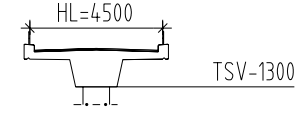
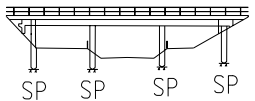
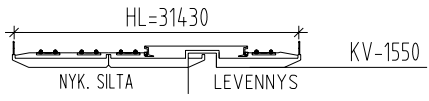
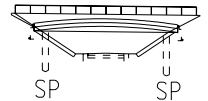
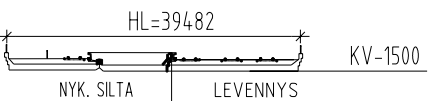
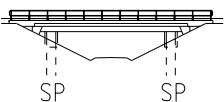
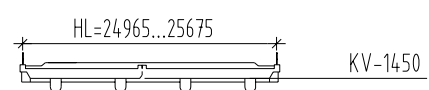


SILTA Suun. n:o	SILLAN NIMI SIJAINTI	RIST. TIE	SILTA- LAJI	KAAVIOKUVA PERUSTAMISTAPA	JM (m) L (m)	RISTEYS KULMA (gon)	Va (m) Ha (m)	POIKKILEIKKAUS	KUSTAN- NUKSET tuh. EUR	HUOMAUTUKSET
S1 8134	RATSUKADUN ALIKULKUSILTA km 11+570	RATSUKATU	AKS		28,1...31,7 40,5	95,8	23,6...31,1 >5,0		525	SILLAN LEVENNYS 10,945 m
S2 8135	KILONPURON RATA SILTA km 11+877		RS		4,4 13,2	100	2,2 >2,5		97	SILLAN LEVENNYS 11,8 m
S3 8136	SÄTERINPUISTONTIEN ALIKULKUSILTA km 12+003	SÄTERINPUISTONTIE	AKS		21 30,6	93,3	17,3 5,2		413	KUSTANNUKSET SILLAN LEVENNYKSEN 11,19 m MUKAAN
S4 8137	KILONPUISTONPORTIN ALIKULKUSILTA km 12+767	KILONKARTANONTIE	AKS		20 29	99,8	9,2 >4,2		356	SILLAN LEVENNYS 12,17 m + PORTAAT
S6 8138	KILON ASEMATUNNELI km 13+194		AK		20,8	100	8 >3		510	AK:N LEVENNYS 3,86 m + HISSI, PORTAAT JA TEKNISET TILAT
S7 8139	LANSANTUNNELI km 13+557		AK		5,5 6,2	95,7	5 >3,07		743	VESITIIVIS KAUKALO
S8 2028/ 401A	KARANTIEN YLIKULKUSILTA km 13+972	KARANTIE	YKS							
S9 8140	KERAN ASEMATUNNELI km 14+712		AK		7,4 18,2	86	7 >2,8		945	AK:N LEVENNYS 19,1 m + HISSI, PORTAAT JA TEKNISET TILAT
S10 8141	KERAN ALIKULKUSILTA km 15+004	KEHÄ II	AKS		22,6 42,5	44,5	20,5 >6,1		258	SILLAN LEVENNYS 4,8...6,9 m

LP/SP = lyönti/suurpaalu

MV = massanvaihto

K = kallio M = maanvarainen

SILTA Suun. n:o	SILLAN NIMI SIJAINTI	RIST. TIE	SILTA- LAJI	KAAVIOKUVA PERUSTAMISTAPA	JM (m) L (m)	RISTEYS KULMA (gon)	Va (m) Ha (m)	POIKKILEIKKAUS	KUSTAN- NUKSET tuh. EUR	HUOMAUTUKSET
S11 8142	FASAANIN ALIKÄYTÄVÄ km 15+678		AK		5,5 16,7	99,3	5 >3		175	AK:N LEVENNYS 5,1...5,7 m
S12 8143	KAUNIAISTEN ALIKULKUSILTA km 16+148	TUNNELITIE	AKS		6,45+2x11,25+6,45 49,74	95,6	42,74 >4,38		3970	VANHA SILTA PURETAAN 3 HISSIÄ, 6 PORRASTA JA TEKNISET TILAT
S13 8144	YHTIÖTIENTÄ ALIKÄYTÄVÄ km 16+649		AKS		23,24	98,9	5 >2,8		229	VANHA AK PURETAAN
S14 8145	YMMERSTAN YLIKÄYTÄVÄSILTA km 17+465		YK		20+24+3x22+29+18 162,4...165	98,2	27,9 >6,9			EI SISÄLLY PROJ. KUSTANNUKSIIN
S15 8146	BREDANPORTIN ALIKULKUSILTA km 17+832	BREDANTIE	AKS		8,2+9,2+8,2 34,6	99	8,5 4,2		947	SILLAN LEVENNYS 10,35 m + HISSI, PORTAAT JA TEKNISET TILAT
S16 3399	TUOMARILAN YLIKULKUSILTA km 18+420	VT 1	YKS							
S17 8147	TUOMARILAN ALIKÄYTÄVÄ km 19+065		AK		16 25	98,4	15,18 2,85		994	AK:N LEVENNYS 17,18...17,46 m + HISSI, PORTAAT JA TEKNISET TILAT
S18 8148	RATALAAKSONPORTTI km 19+313		AKS		13,2 22	98,7	11,8 2,85		485	
S19 6248	KIRKKOJÄRVENTIEN YLIKULKUSILTA km 19+536	KIRKKOJÄRVENTIE	YKS						14	TUKIMUURI SILLAN ALLE

LP/SP = lyönti/suurpaalu

MV = massanvaihto

K = kallio M = maanvarainen