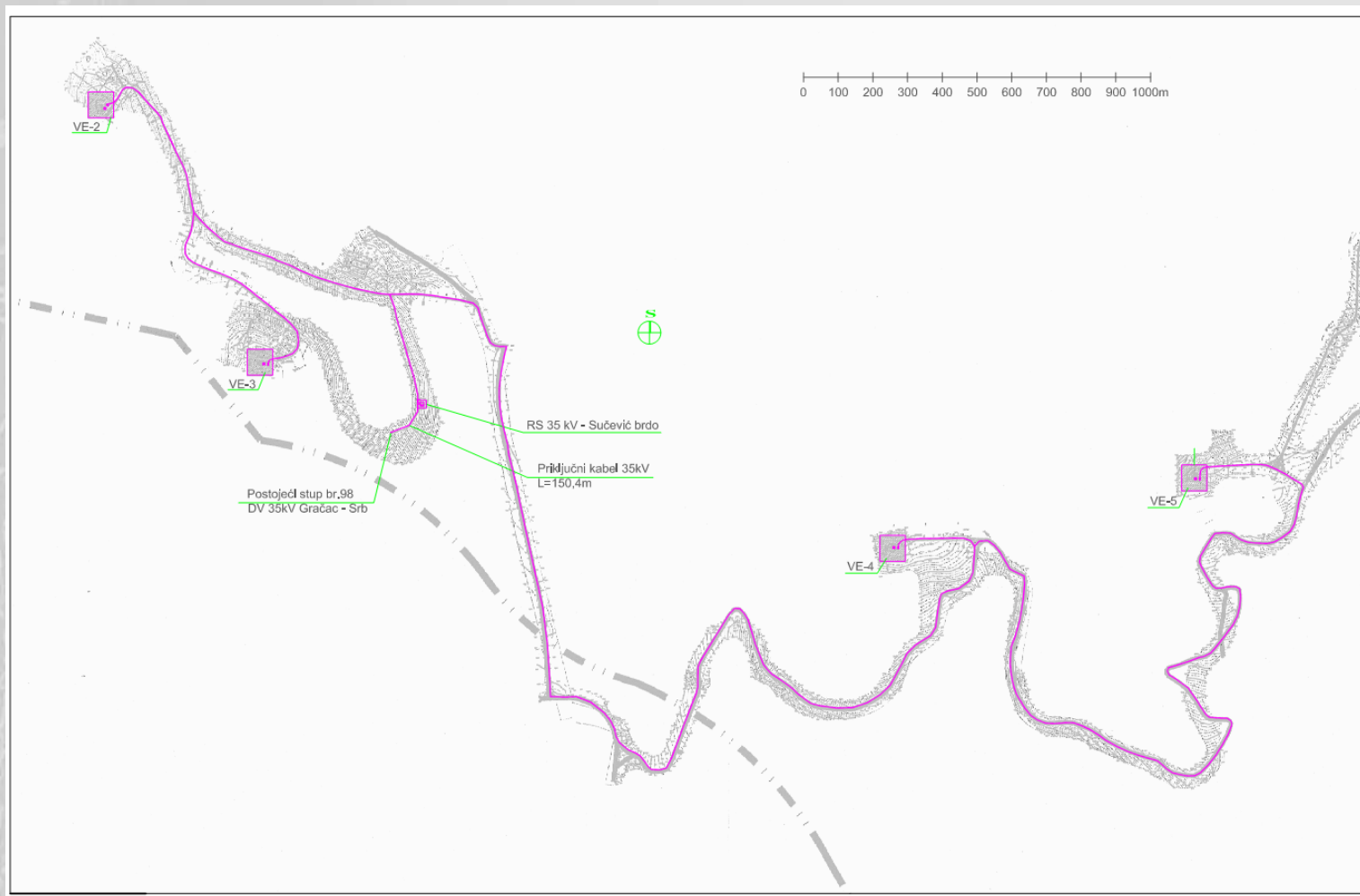
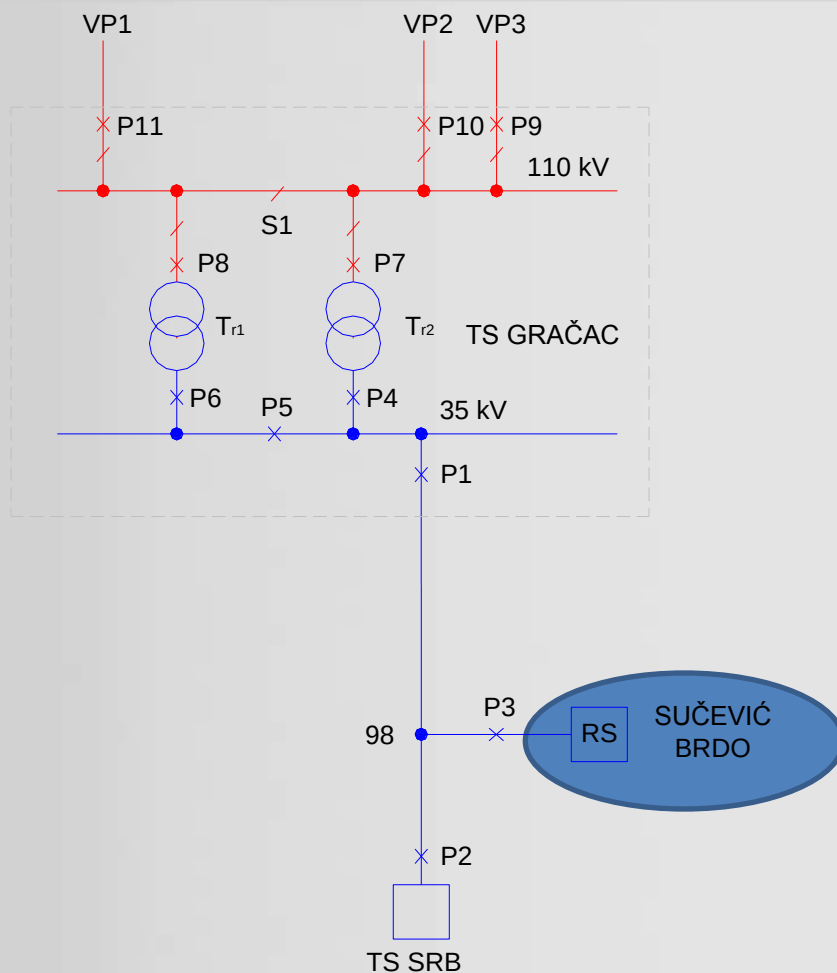


PRIKLJUČENE VE ZD6 U ELEKTROENERGETSKI SUSTAV

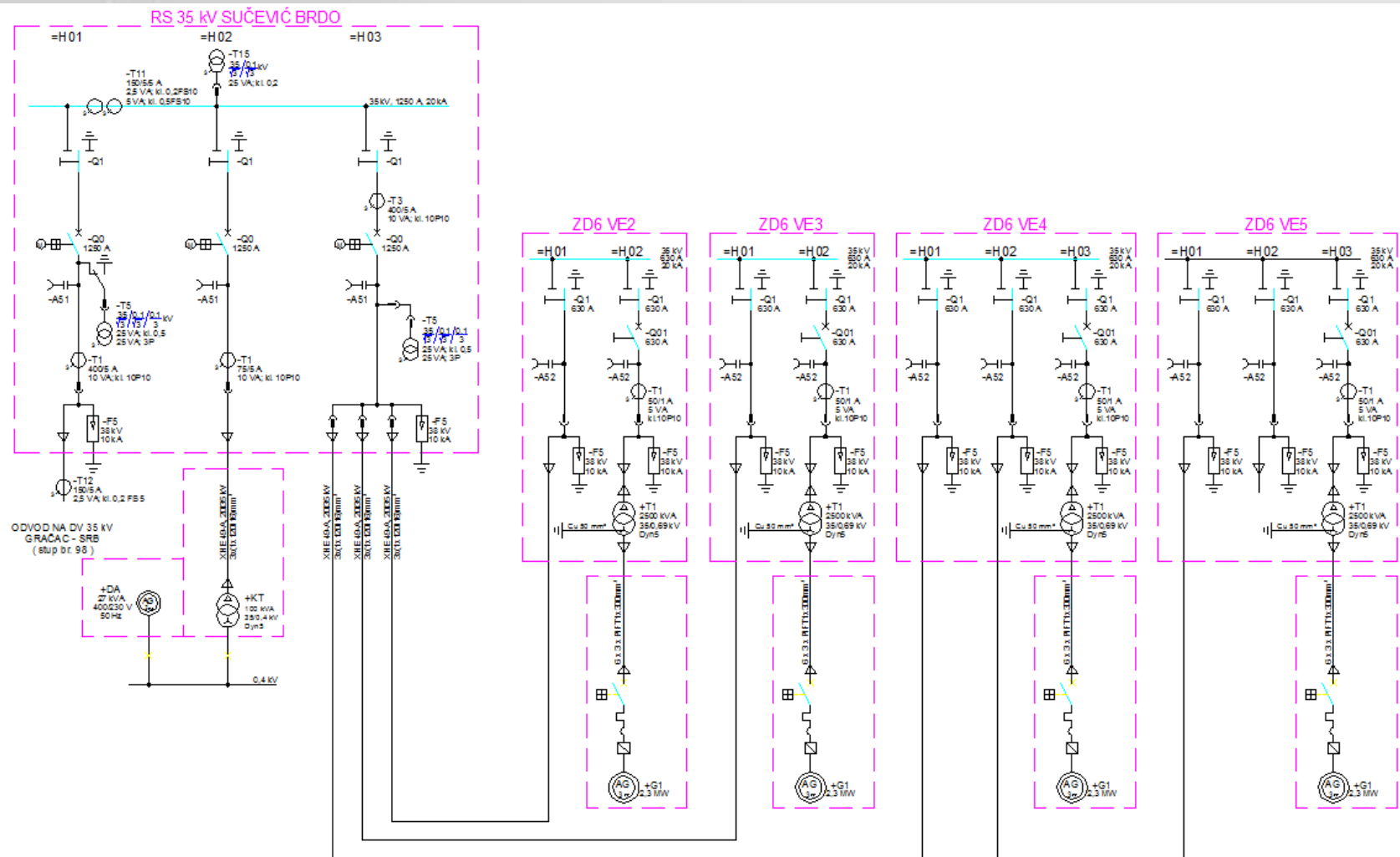
**9. simpozij o sustavu
vođenja EES-a CIGRE
Zadar, 08. – 10.11.2010.**



BLOK SHEMA PRIKLJUČKA

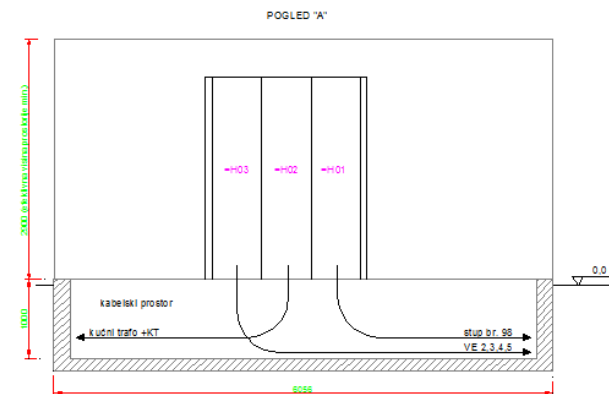


JEDNOPOLNA SHEMA LOKACIJE



[illegible]

=H01, 02, 03	Postrojenje 35 kV
=QM1	Ormar obračunskih i energetske mjerenja
=NE1	Ormar razvoda 400/230 V
=NK1	Ormar ispravljača i razvoda 220 VDC
=NK2	Ormar skru baterija
=KT	Kući trafo 350/4 kV, 100 kVA
=DA	Diesel agregat 400/230 V, 27 kVA
=Y1	Ormar telekomunikacijskog sustava
=X0	Ormar staničnog računala



RASKLOPIŠTE SUČEVIĆ BRDO



RASKLOPIŠTE SUČEVIĆ BRDO



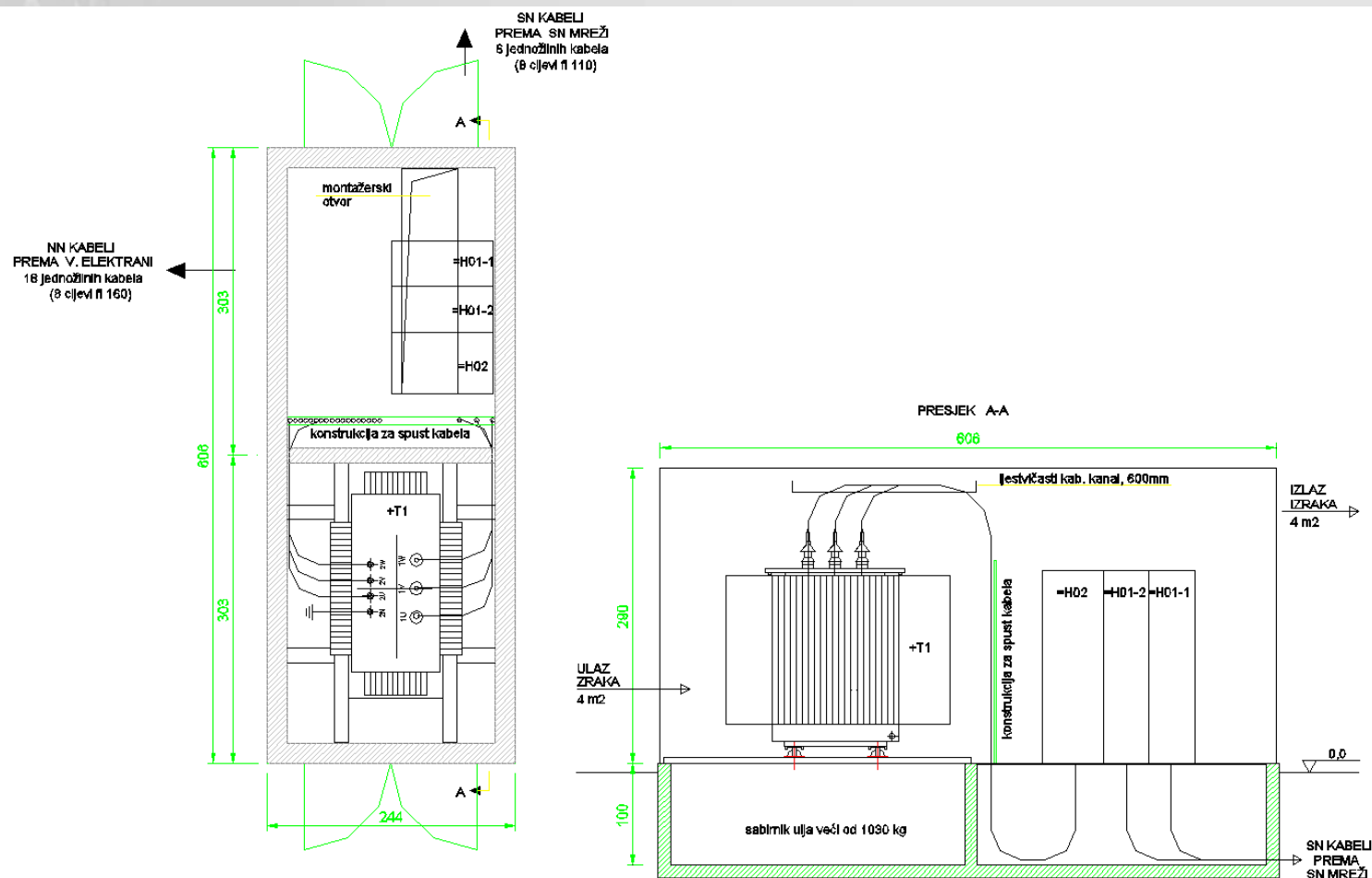
RASKLOPIŠTE SUČEVIĆ BRDO



RASKLOPIŠTE SUČEVIĆ BRDO



TS 0,69/35 kV UZ VJETROAGREGATE



TS 0,69/35 kV UZ VJETROAGREGATE



TS 0,69/35 kV UZ VJETROAGREGATE



TS 0,69/35 kV UZ VJETROAGREGATE

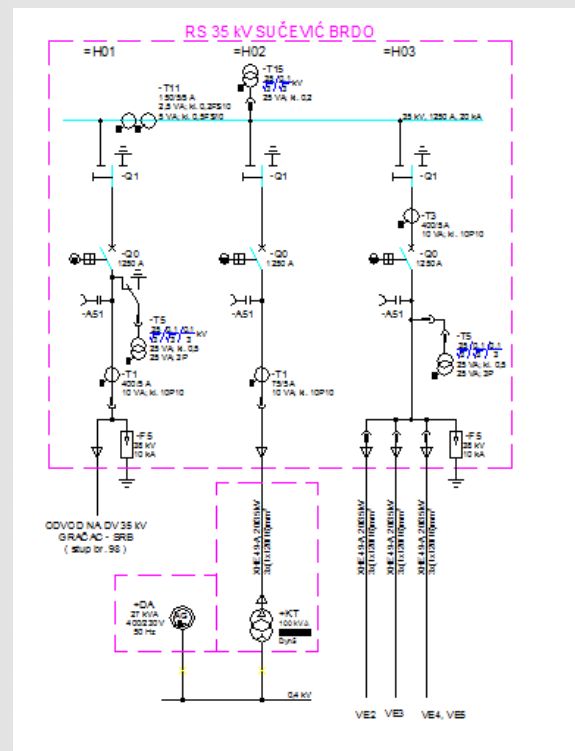


TS 0,69/35 kV UZ VJETROAGREGATE

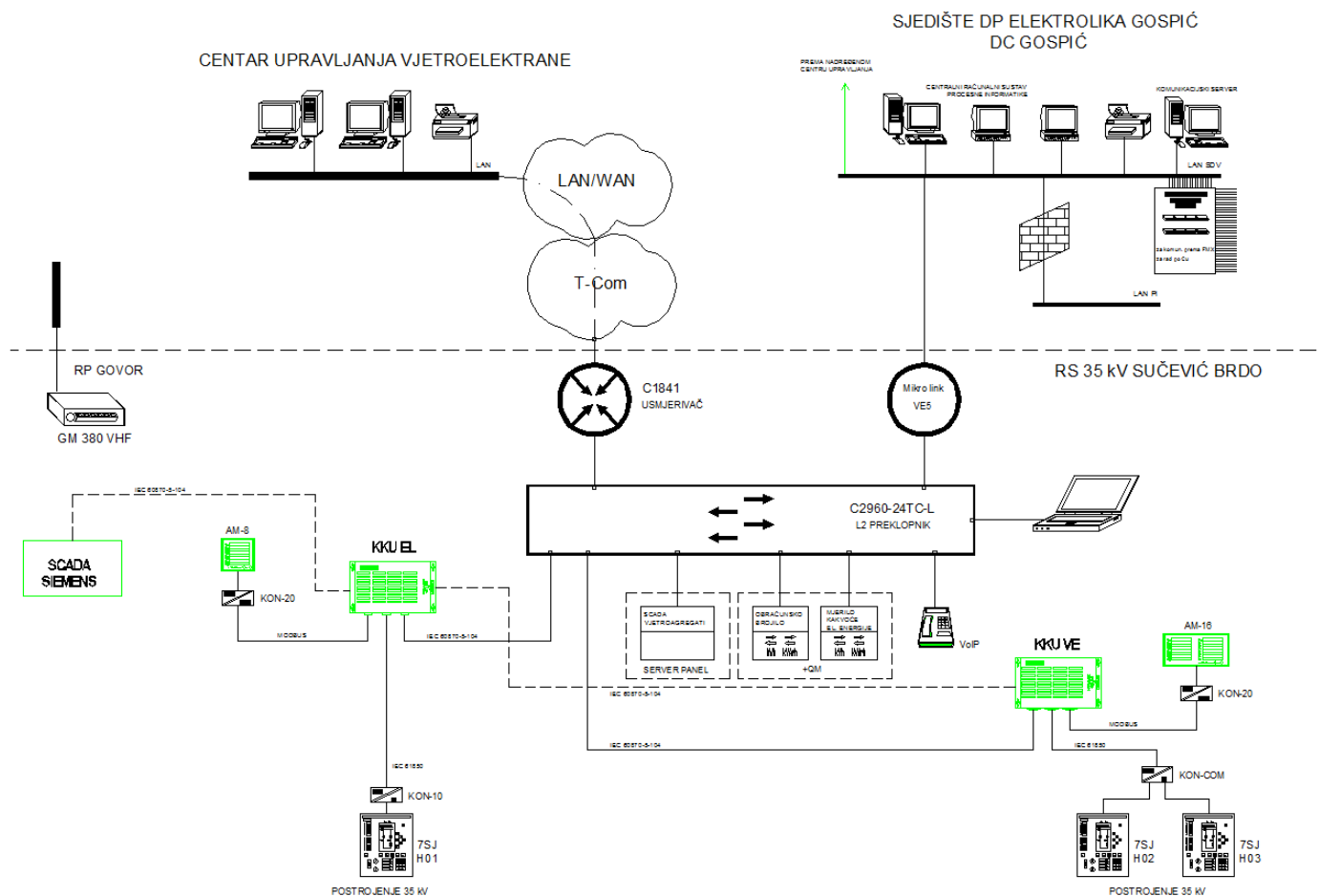


UPRAVLJANJE VJETROELEKTRANOM

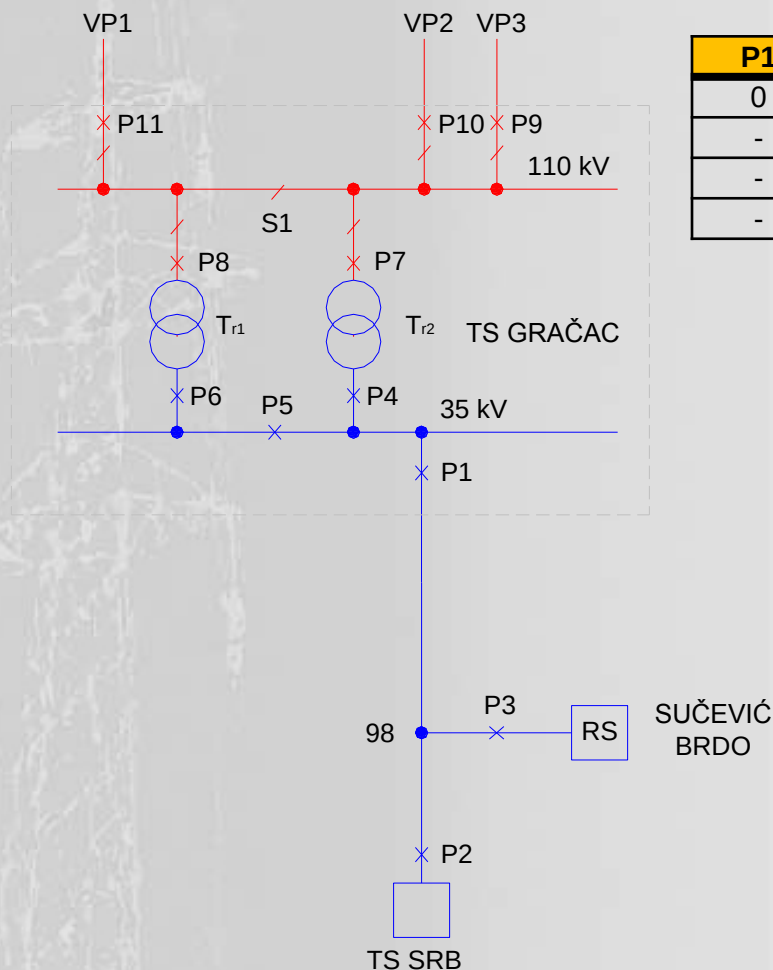
- =H01 – upravlja HEP ODS – Elektrolika Gospić (odvodno polje)
- =H02 – upravlja operater vjetroelektrane (polje vlastite potrošnje)
- =H03 – upravlja operater vjetroelektrane (spoj prema vjetroatragatima)



UPRAVLJANJE VJETROELEKTRANOM



LOGIKA ZAŠTITE OD OTOČNOG RADA



P1	P4	P5	P6	P9	P10	P11	
0	-	-	-	-	-	-	Isklop P3
-	0	0	-	-	-	-	Isklop P3
-	0	-	0	-	-	-	Isklop P3
-	-	-	-	0	0	0	Isklop P3

FUNKCIJE ZAŠTITE OD OTOČNOG RADA

U zaštitnom releju 7SJ622 u polju =H01 podešavaju se funkcije za zaštitu od otočnog rada (odvajanje) po naponskom i frekventnom kriteriju:

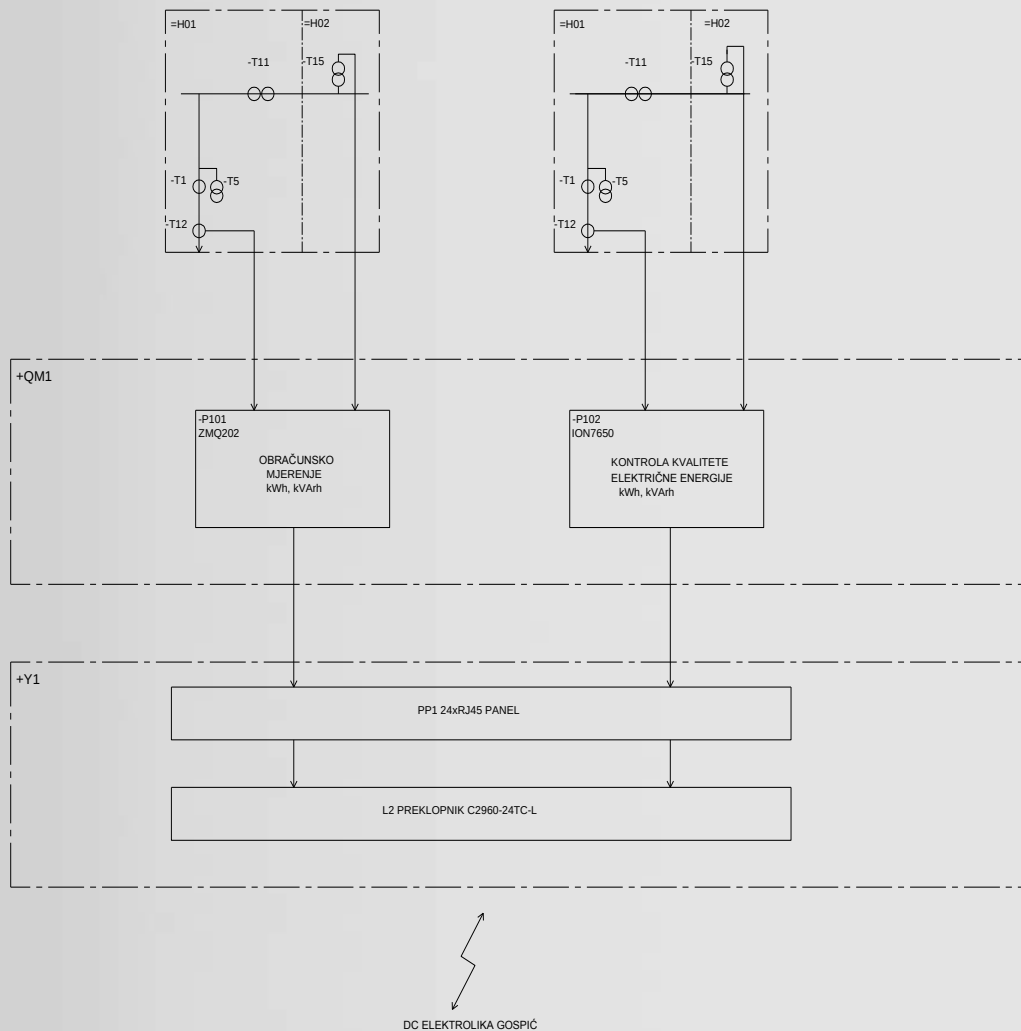
Pod-/nadnaponska zaštita (27, 59),
Pod-/nadfrekventna zaštita (81O/U).

Postavke navedenih zaštitnih funkcija su sljedeće:

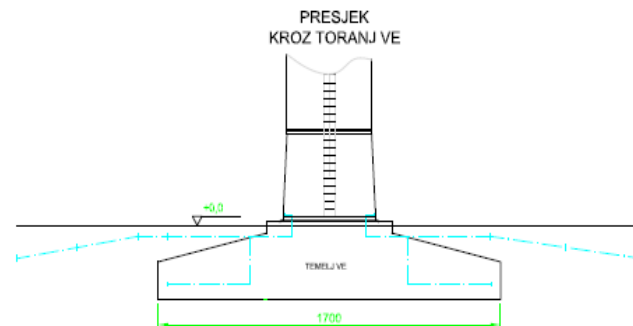
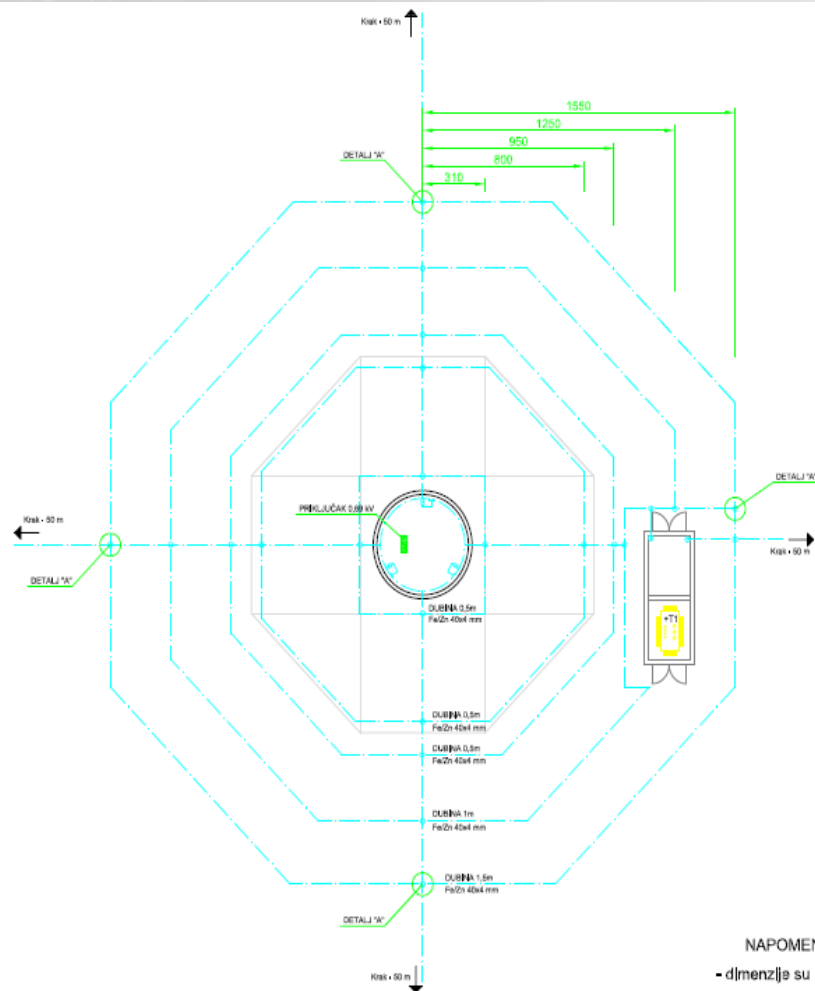
$U \leq 0,94\%$	$t = 0,5 \text{ sek}$
$U \geq 1,06\%$	$t = 0,5 \text{ sek}$
$f \geq 50,7$	$t = 0,5 \text{ sek}$
$f \leq 49$	$t = 0,5 \text{ sek}$

Navedene vrijednosti su usklađene sa vrijednostima definiranim u PEES-u.

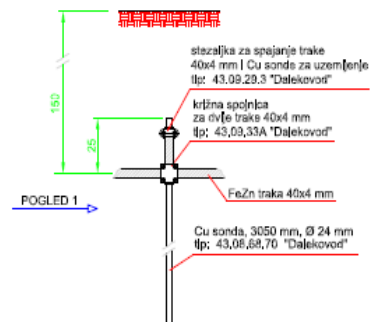
BLOK SHEMA OBRAČUNSKOG MJERENJA



UZEMLJENJE



DETALJ "A"
M 1:20

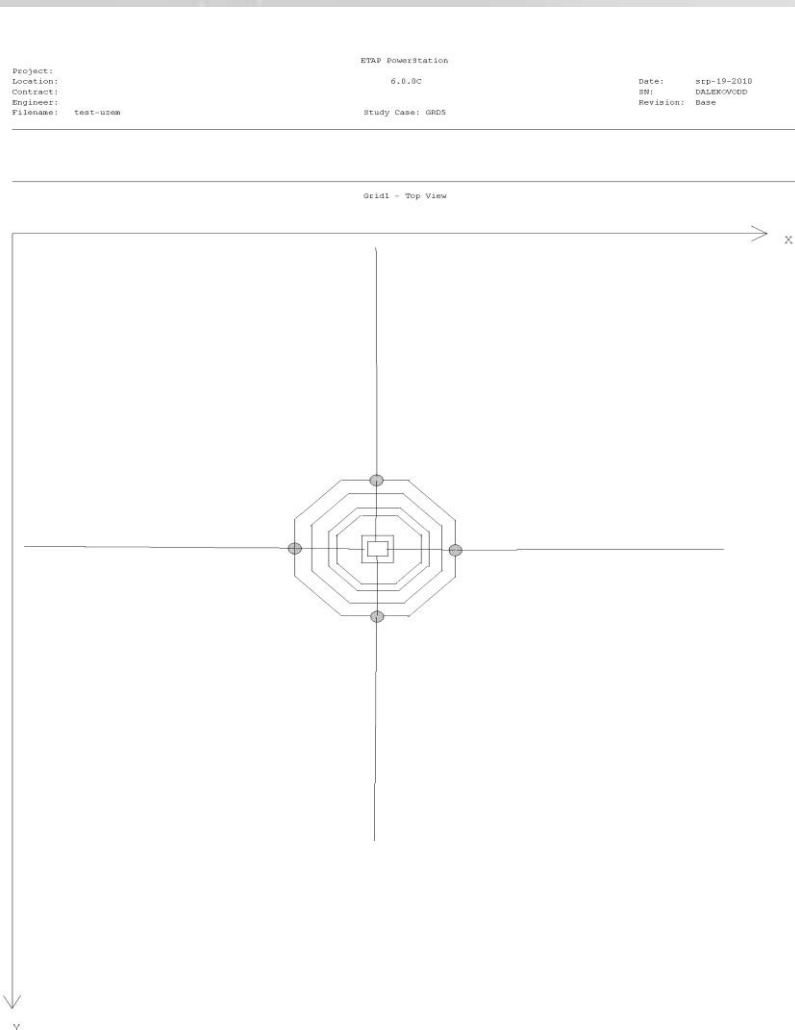


POGLED 1
M 1:20



NAPOMENA:
- dimenzije su u cm

UZEMLJENJE



$$\begin{aligned} \text{uz } \rho &= 2300 \, \Omega\text{m}; \quad I_a = 73.9 \, \text{m} \\ \text{uz } \rho &= 1500 \, \Omega\text{m}; \quad I_a = 48.2 \, \text{m} \end{aligned}$$

$$\begin{aligned} \text{uz } \rho &= 2300 \, \Omega\text{m}; \quad R_{uz} = 9.79 \, \Omega \\ \text{uz } \rho &= 1500 \, \Omega\text{m}; \quad R_{uz} = 7.27 \, \Omega \end{aligned}$$

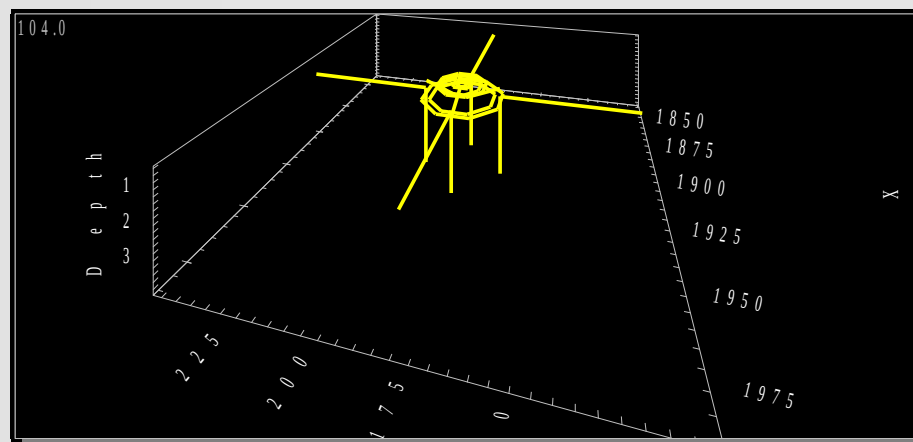


FOTO ALBUM



FOTO ALBUM



FOTO ALBUM



Hvala na pažnji!