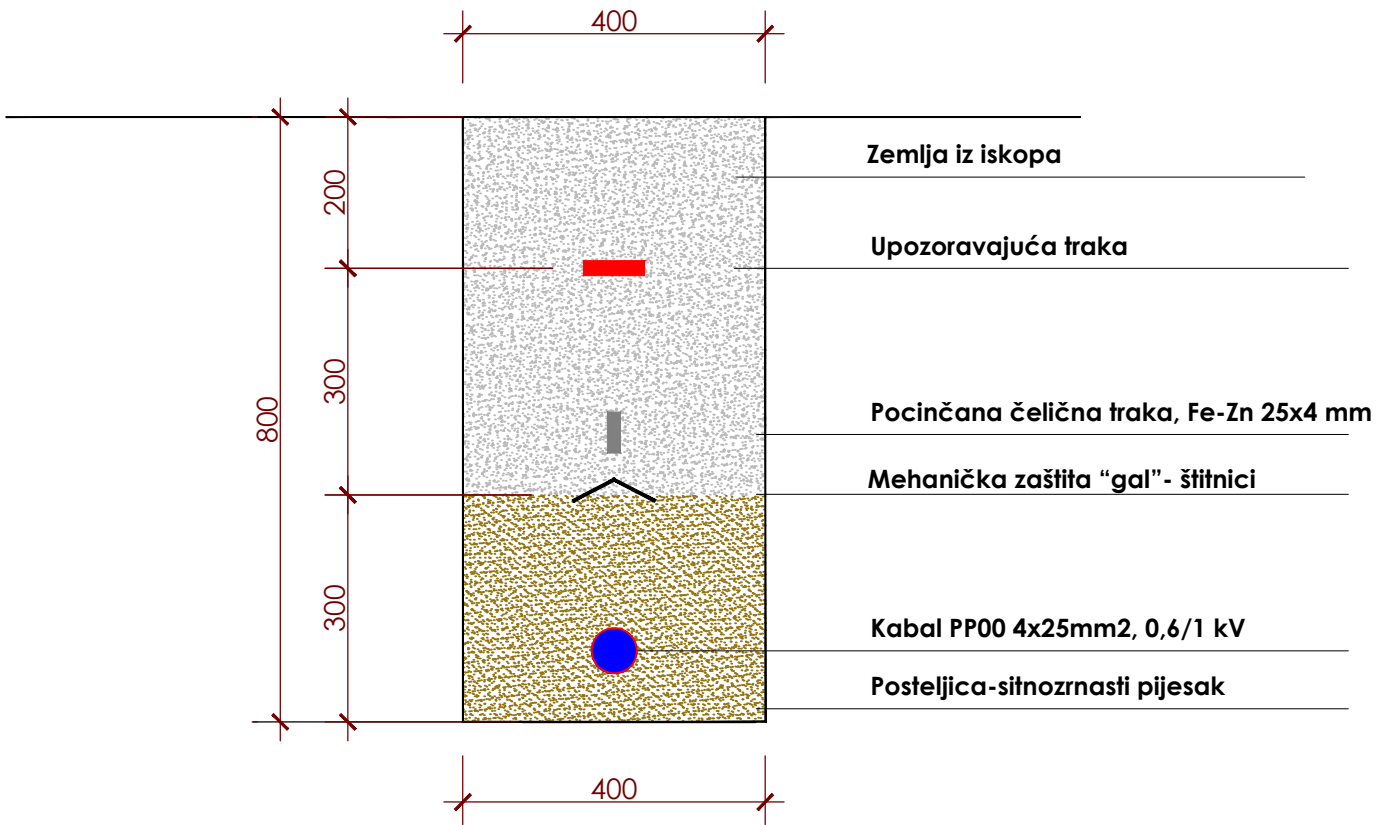
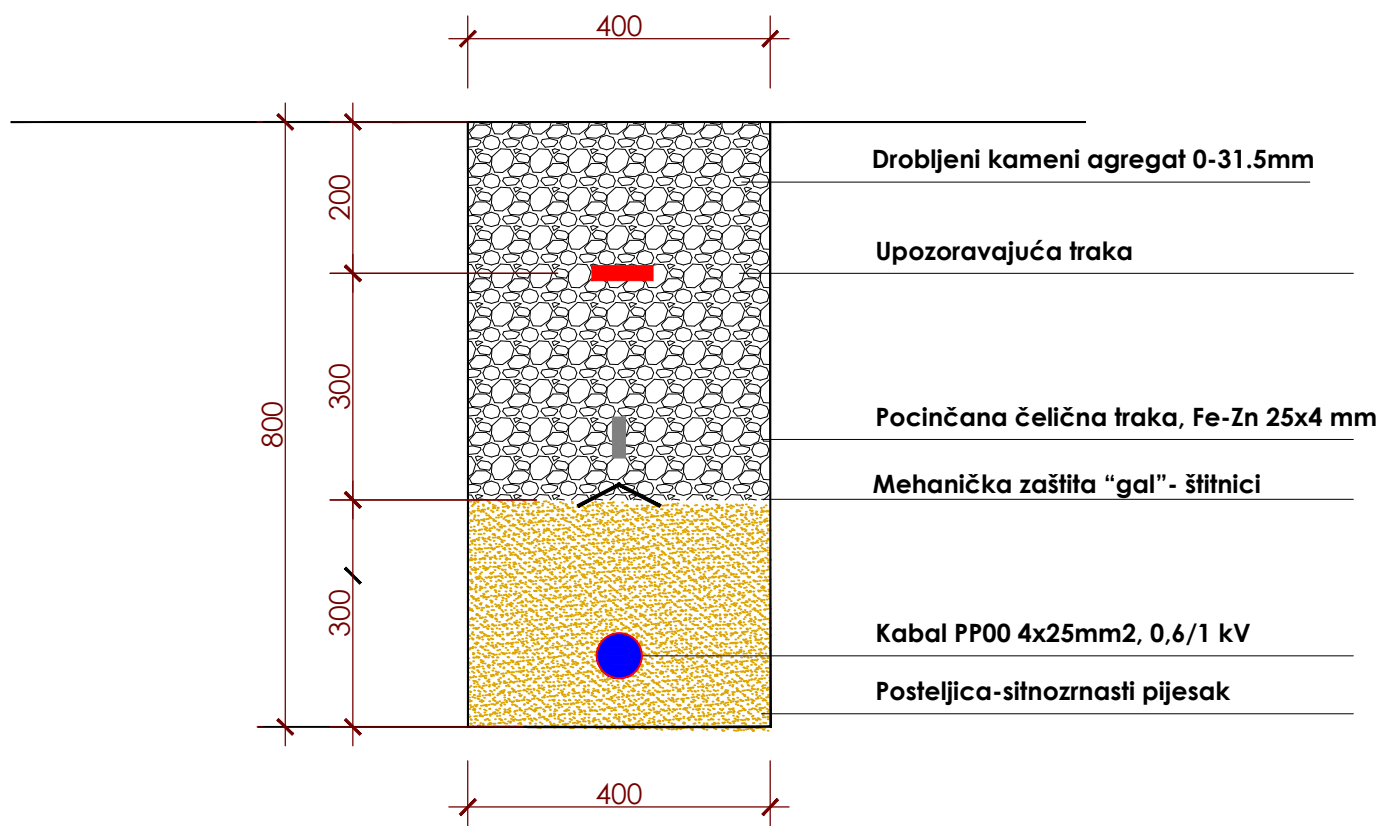
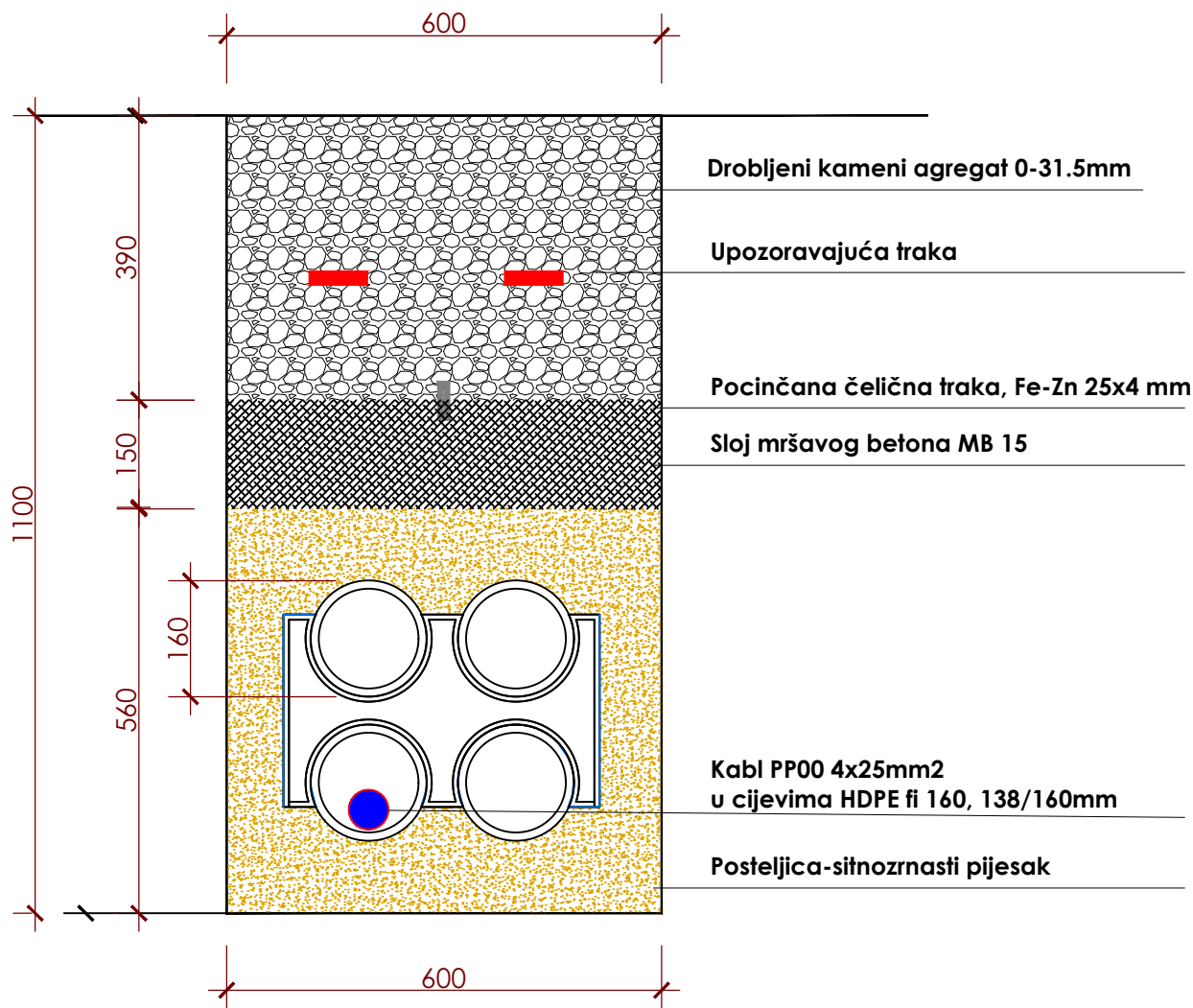




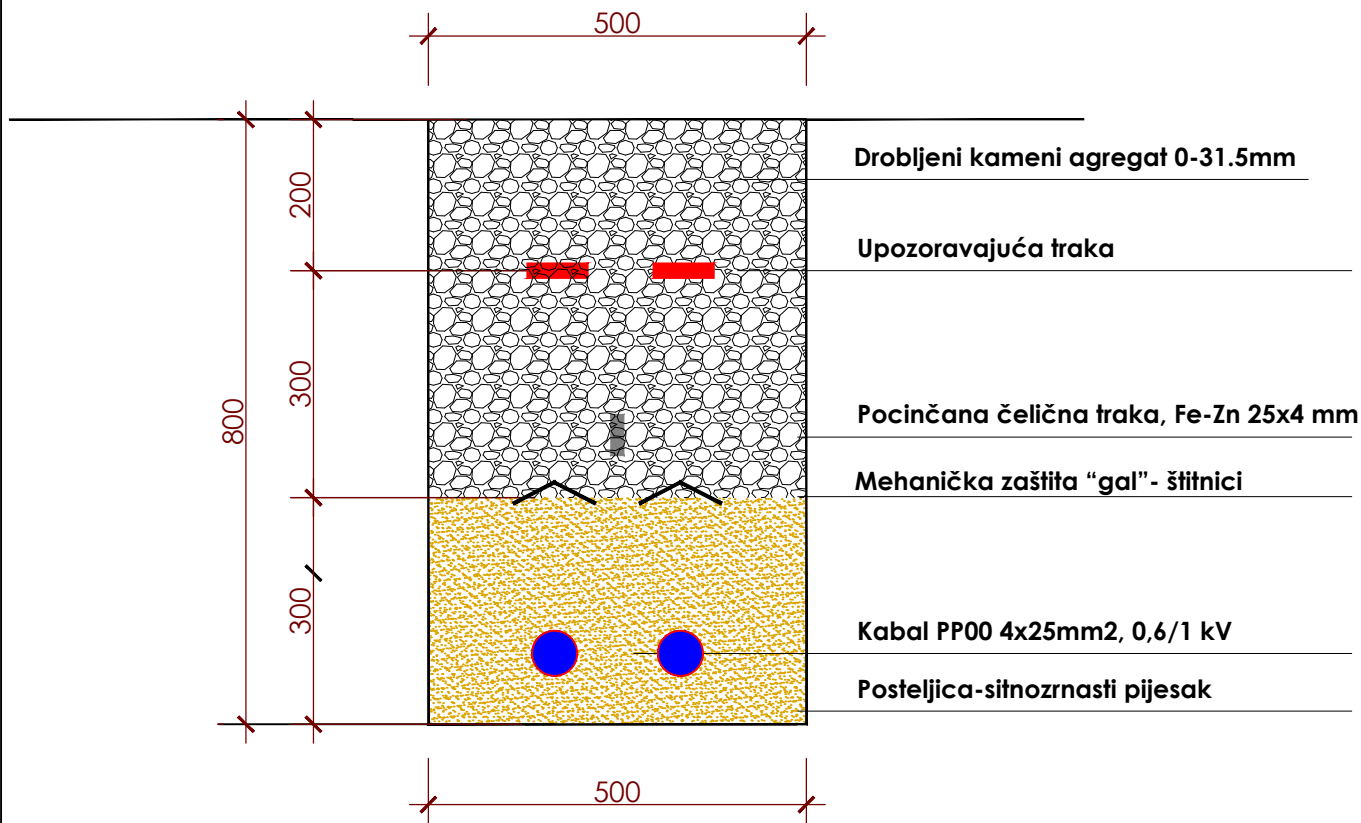
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: NN kabl u kablovskom rovu u zemljanim površinama	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-2	



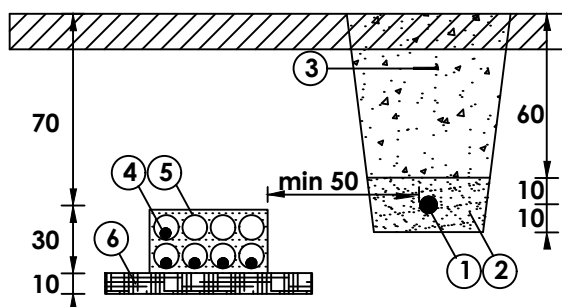
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: NN kabl u kablovskom rovu u budućim trotoarskim površinama	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-3	



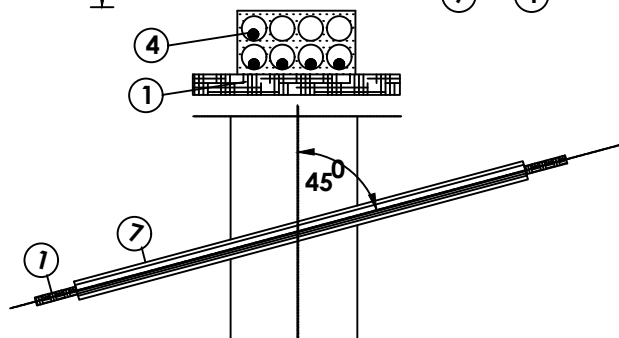
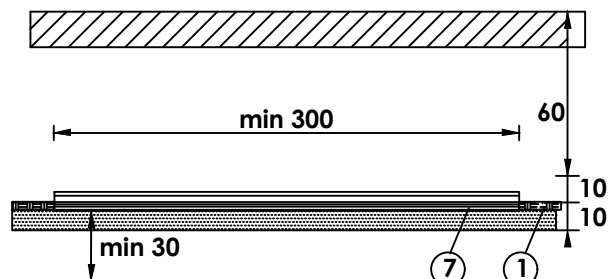
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Kablovska kanalizacija sa četiri cijevi u budućoj saobraćajnici (NN)	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-4	



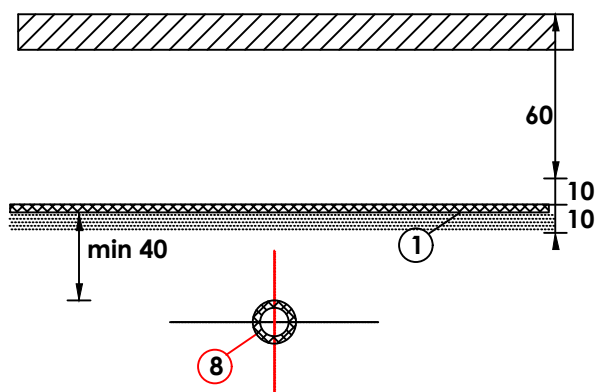
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat		Razmjera:
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Dva NN kabla u kablovskom rovu u budućim trotoarskim površinama	Br. priloga: P-5	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.		



paralelno vodjenje
energetskih i PTT kablova



ukrstanje energetskih i PTT kablova



Ukrstanje sa vodovodom ili kanalizacijom

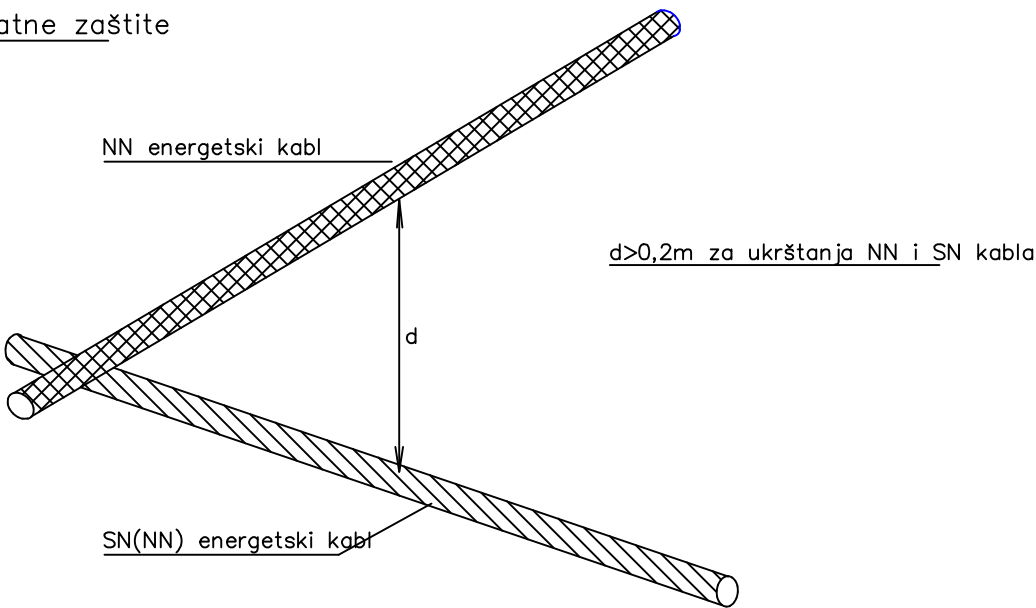
Napomena:

Energetski kabal može biti ispod ili iznad vodovoda
Nije dozvoljeno paralelno vodjenje kabela
ispod ili iznad vodovodne ili kanalizacione cijevi

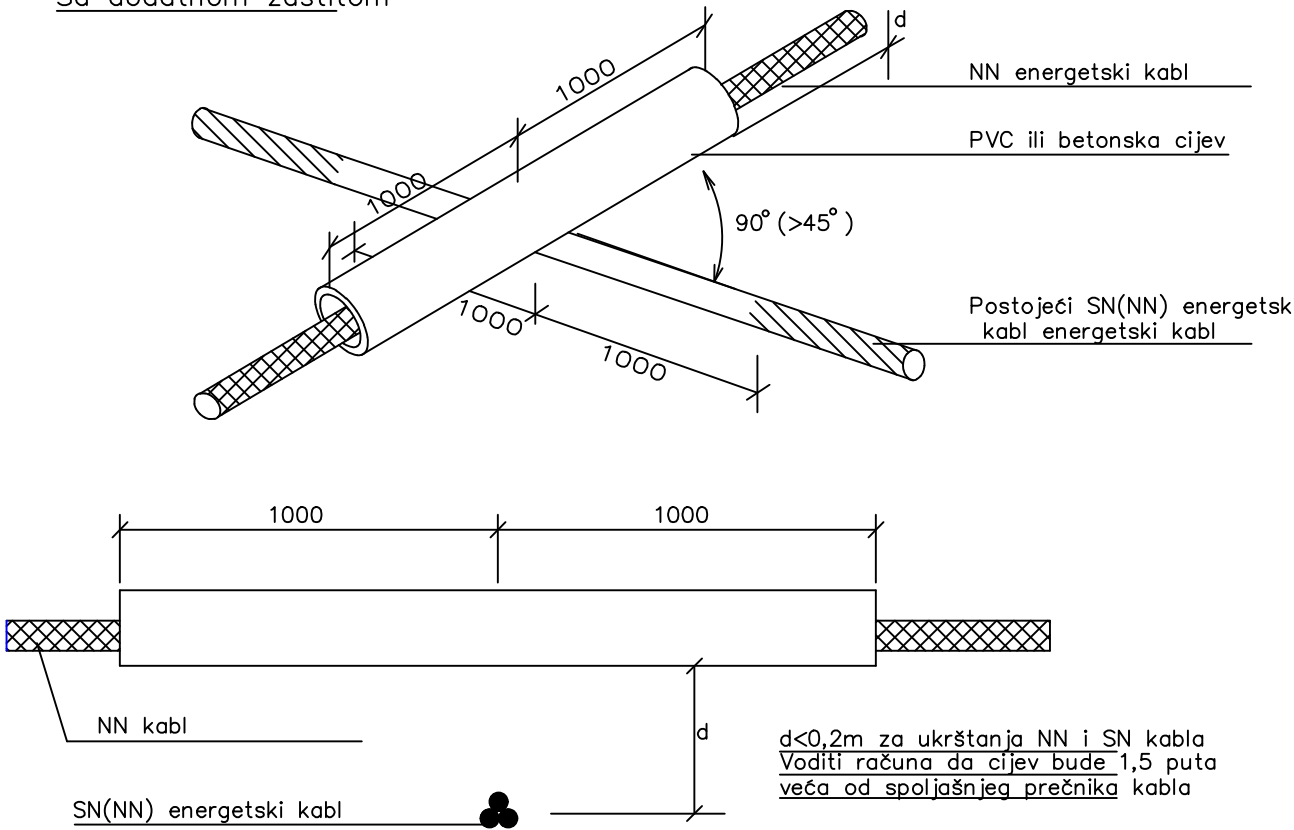
- 1 - Energetski kabal
- 2 - Sitnozrnasta zemlja
- 3 - Traka za upozorenje T-E/80
- 4 - Telekomunikacioni kabal
- 5 - Kablovska kanalizacija
- 6 - Betonska podloga
- 7 - Celicna cijev
- 8 - Vodovodna ili kanalizaciona cijev

PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat		Razmjera:
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Približavanje i ukrštanje en. kablova sa drugim podzemnim objektima i instalacijama	Br. priloga: P-6	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.		

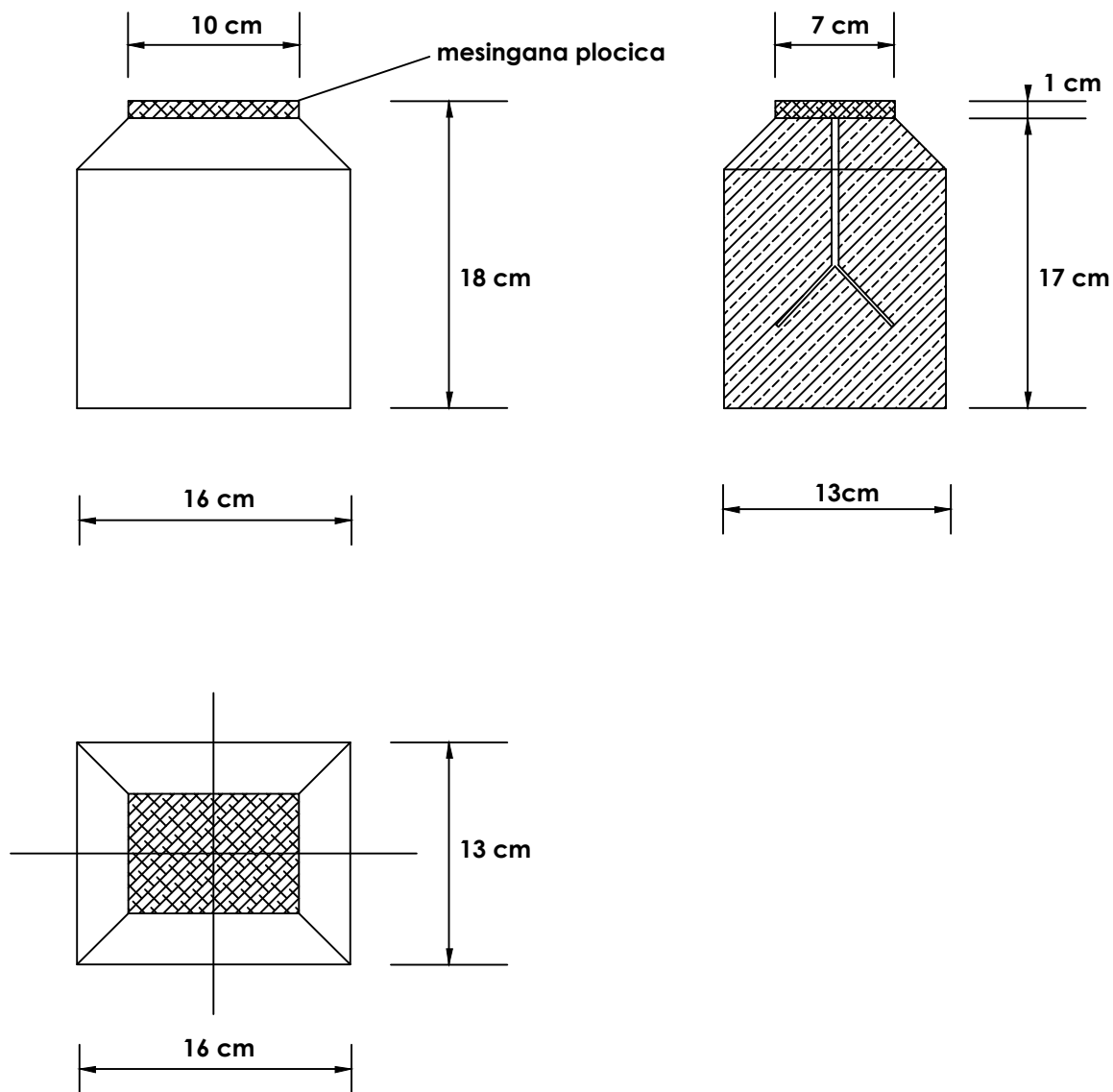
Bez dodatne zaštite



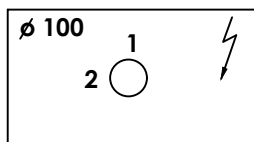
Sa dodatnom zaštitom



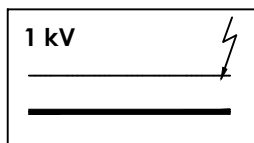
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Ukrštanje NN kablova sa postojećim SN(NN) energetskim kablom	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-7	



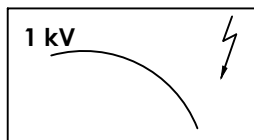
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Skica betonskog stubića sa mesinganom pločicom - oznaka za regulisani teren	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-8	



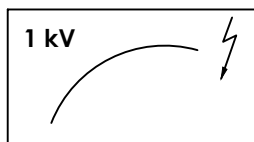
Oznaka kraja kablovske kanalizacije
1 - broj redova kabl. kanalizacije
2 - broj otvora u jednom redu



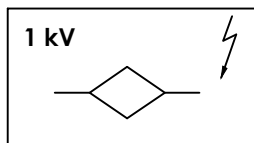
Kablovska oznaka za kabal u rovu



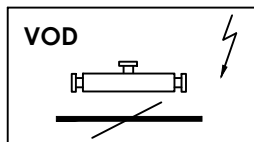
Oznaka skretanja kabl (lijevo)



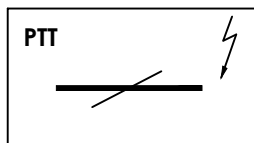
Oznaka skretanja kabl (desno)



Oznaka kablovske spojnice

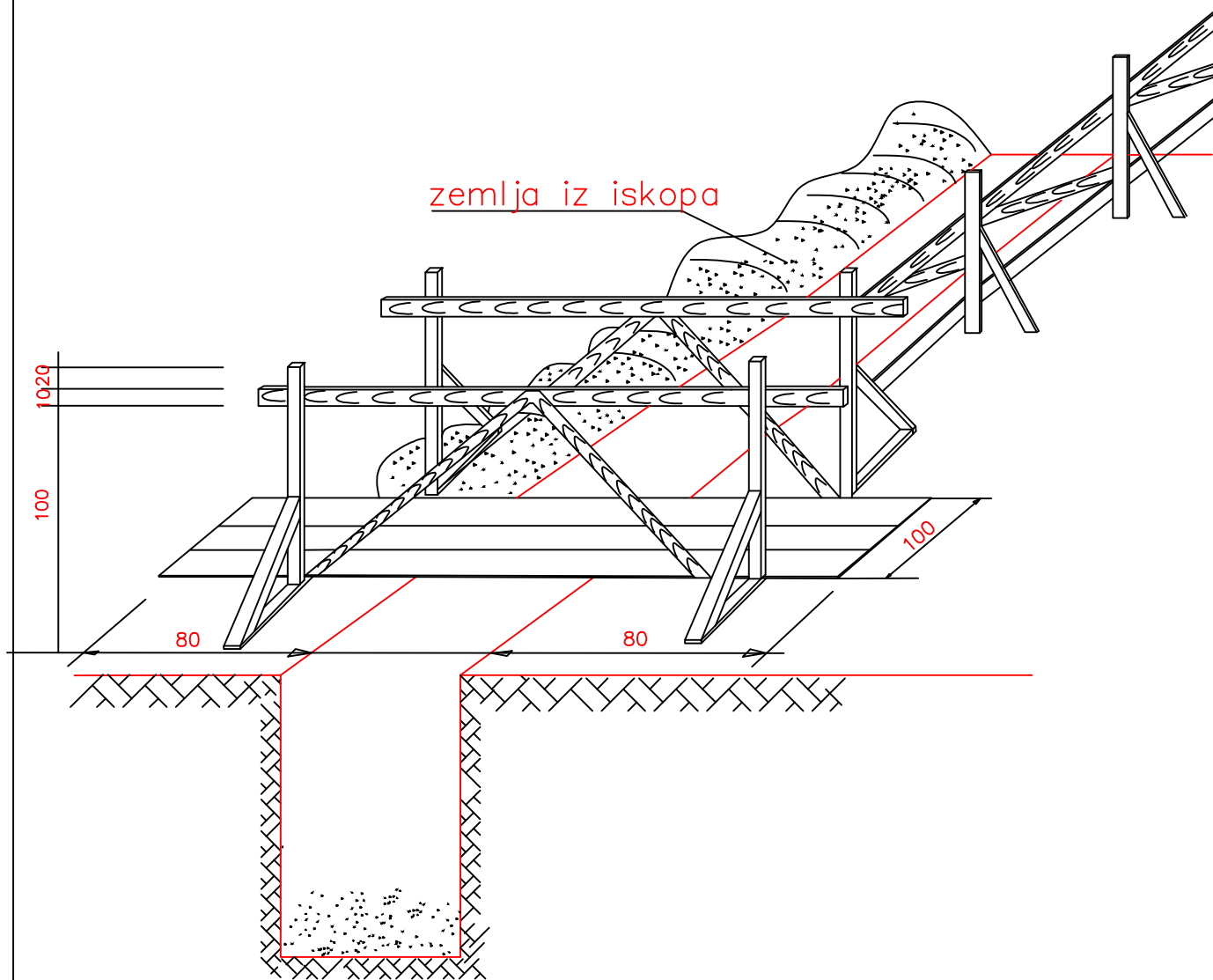


Oznaka ukrstanja sa instalacijom vodovoda

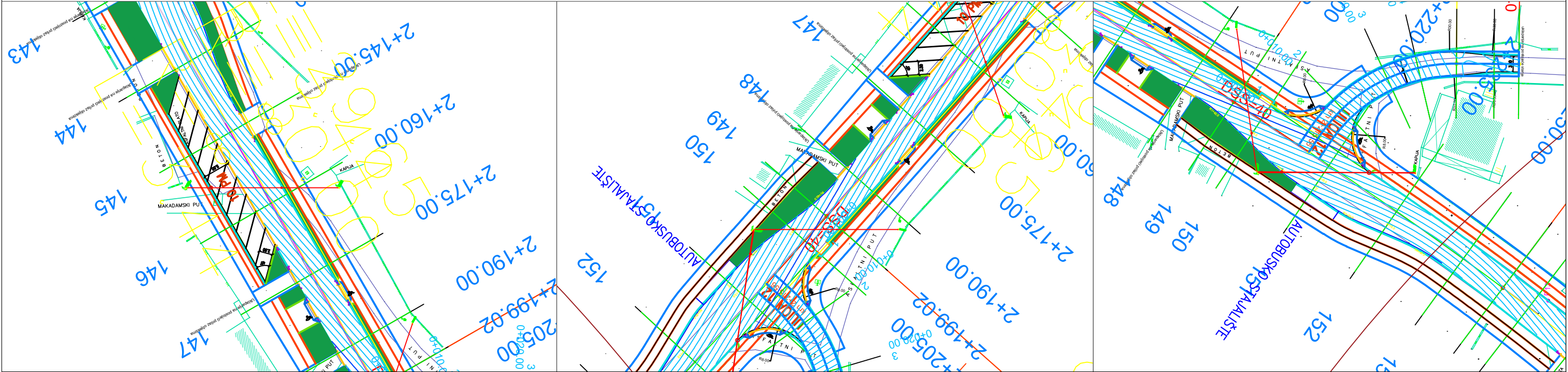
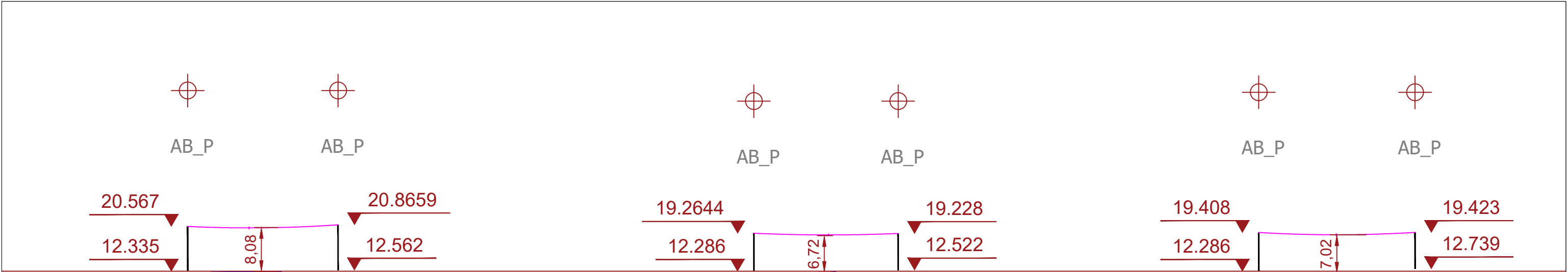


Oznaka ukrstanja sa telekomunikacionim kablom

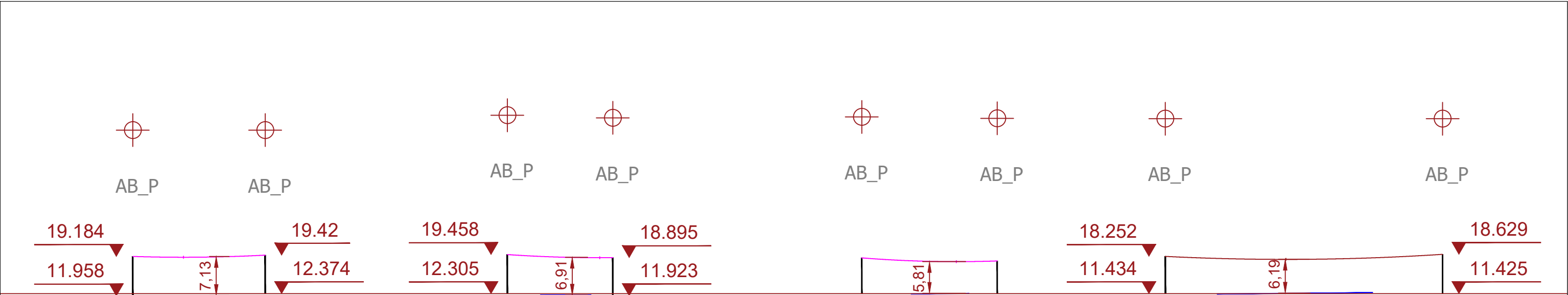
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat	Razmjera:	
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Oznake za obilježavanje trase kabl i ukrstanja sa drugim objektima	Br. priloga:	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.	P-9	



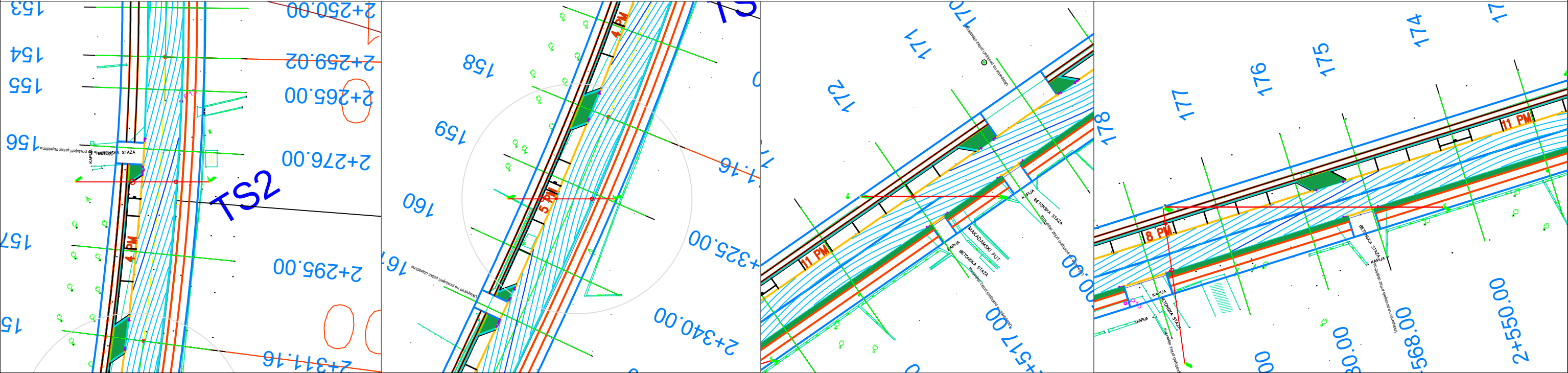
PROJEKTANT:	Investitor:		
Objekat:	Lokacija:		
Glavni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat		Razmjera:
Odgovorni inženjer:	Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja		
Saradnik:	Prilog: Montažni drveni mostić za prelaz preko rova i zaštitu rova	Br. priloga: P-10	Br. strane:
Datum izrade i M.P. Januar 2024	Datum revizije i M.P.		



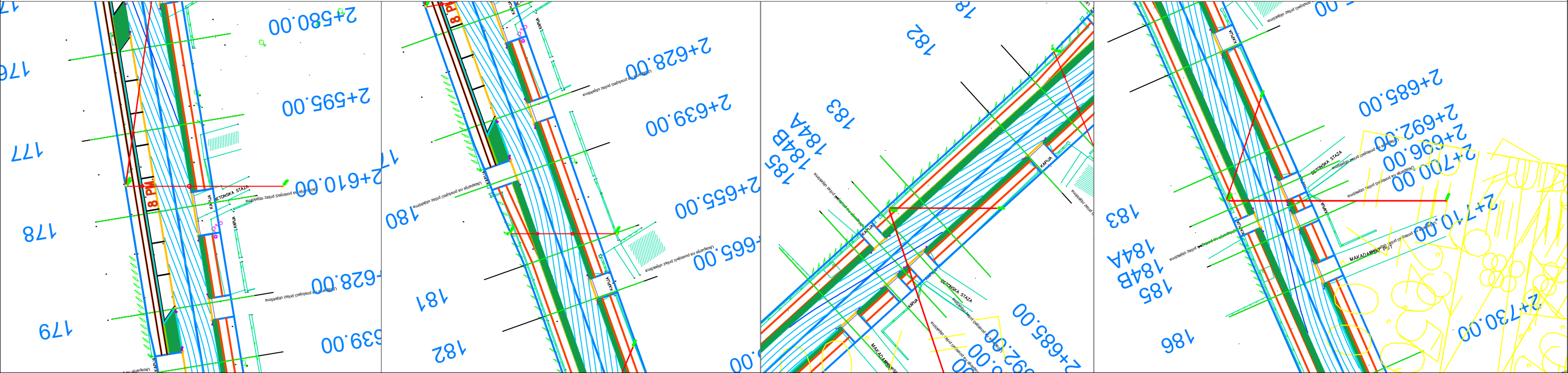
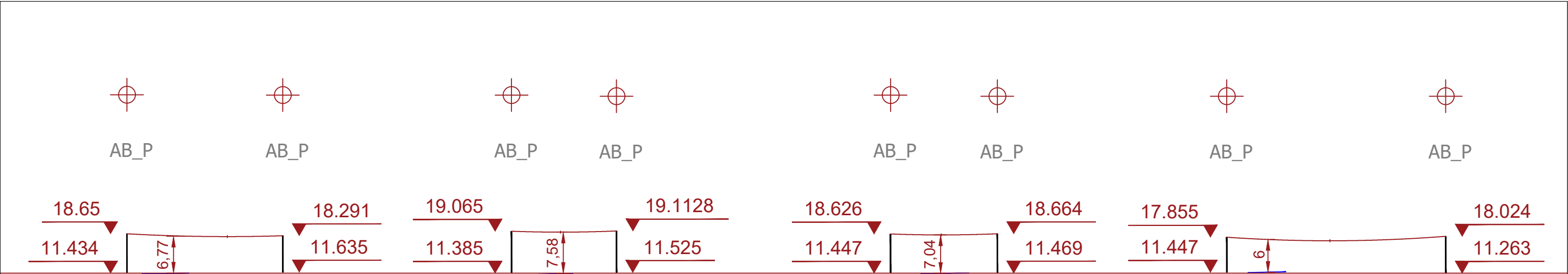
PROJEKTANT:	OBJEKAT: XXXX	LOKACIJA: XXXXX	Datum izrade i M.P.	Datum revizije i M.P.	Br. priloga: UP-1	Br. strane:	Razmjera:
INVESTITOR: XXXXXXX	Glavni inženjer: XXX YYY, dipl.inž.arh.				Prilog:		
	Odgovorni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja					



Kačenje provodnika
podići za 20cm kako
bi se zadovoljila
sigurnosna visina



PROJEKTANT:	OBJEKAT: XXXX	LOKACIJA: XXXXX	Datum izrade i M.P.	Datum revizije i M.P.	Br. priloga: UP-2	Br. strane:	Razmjera:
INVESTITOR: XXXXXXX	Glavni inženjer: XXX YYY, dipl.inž.arh.				Prilog:		
	Odgovorni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja					



PROJEKTANT:	OBJEKAT: XXXX	LOKACIJA: XXXXX	Datum izrade i M.P.	Datum revizije i M.P.	Br. priloga: UP-3	Br. strane:	Razmjera:
INVESTITOR: XXXXXXX	Glavni inženjer: XXX YYY, dipl.inž.arh.				Prilog:		
	Odgovorni inženjer:	Vrsta tehničke dokumentacije: Glavni projekat Dio tehničke dokumentacije: Elektrotehnički projekat - jaka struja					

AMIGA doo Kraljevo, Tike Kolarevića 66, 36000 Kraljevo
tel/fax: +381 (0)36/399-099, 399-199, 399-299

www.amiga.rs
prodaja@amiga.rs
office@amiga.rs

STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

STUBOVI TIP A KRS-A OSNOVNI PODACI

POLES KRS-A type GENERAL DATA

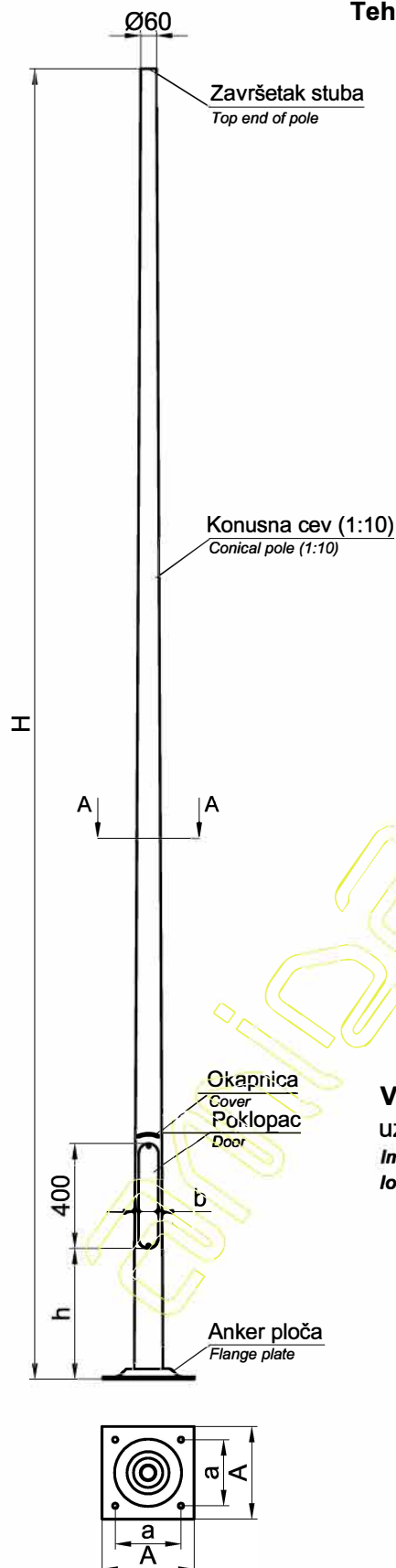
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Tehnički podaci

Technical data

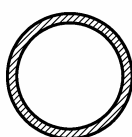


Kataloška oznaka stuba Catalogue pole code	Dimenzije Dimensions				
	H m	h mm	b mm	a mm	A mm
KRS-A-3/60	3,0	400	70	250	350
KRS-A-3,5/60	3,5	400	70	250	350
KRS-A-4/60	4,0	500	75	250	350
KRS-A-4,5/60	4,5	500	75	250	350
KRS-A-5/60	5,0	500	75	250	350
KRS-A-5,5/60	5,5	500	75	250	350
KRS-A-6/60	6,0	500	85	300	400
KRS-A-6,5/60	6,5	500	85	300	400
KRS-A-7/60	7,0	500	100	300	400
KRS-A-7,5/60	7,5	500	100	300	400
KRS-A-8/60	8,0	500	100	300	400
KRS-A-8,5/60	8,5	500	100	300	400
KRS-A-9/60	9,0	500	100	300	400
KRS-A-9,5/60	9,5	500	100	300	400
KRS-A-10/60	10,0	800	100	300	400
KRS-A-10,5/60	10,5	800	100	300	400
KRS-A-11/60	11,0	800	100	300	400
KRS-A-11,5/60	11,5	800	100	300	400
KRS-A-12/60	12,0	800	100	300	400
KRS-A-12,5/60	12,5	800	100	300	400
KRS-A-13/60	13,0	800	100	300	400

Važna napomena: Konusna šavna cev izrađena iz jednog komada uzdužnim zavarivanjem.

Important note: Conical seam pole has been manufactured out of one piece by longitudinal welding.

Presek A-A
Section A-A



Dizajn stubova za JAVNO OSVETLJENJE proizvodi AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
PUBLIC LIGHTING pole design, manufactured by AMIGA Kraljevo has been protected at the Institute for intellectual property under the number A-334/04. Any unauthorized use is subject to punishment in accordance with the law!

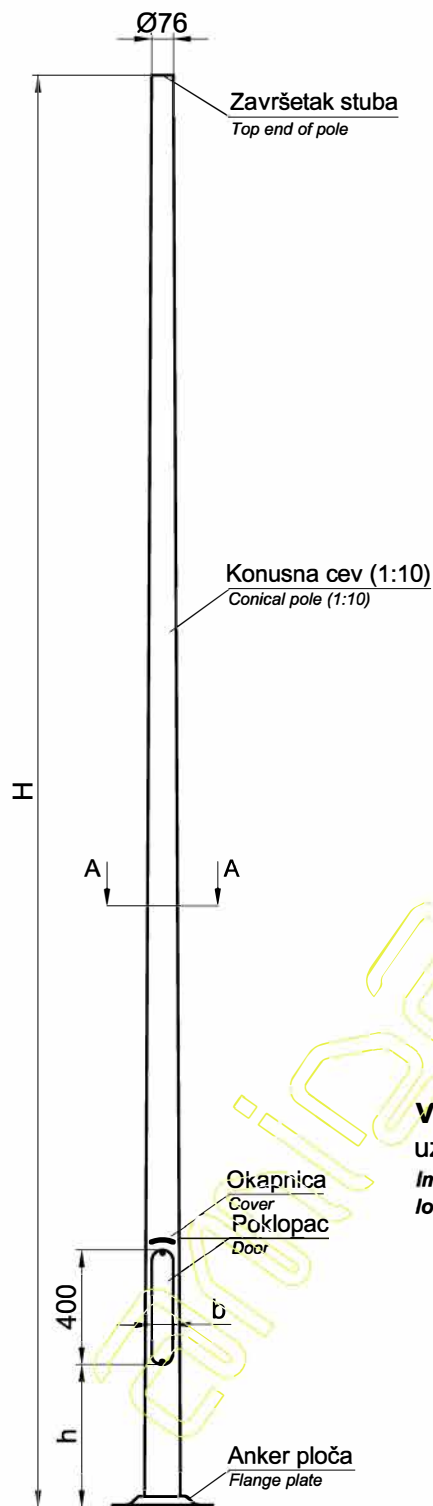
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Tehnički podaci

Technical data

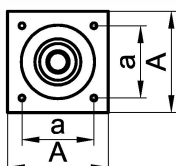
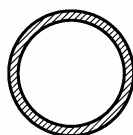


Kataloška oznaka stuba Catalogue pole code	Dimenzije Dimensions				
	H m	h mm	b mm	a mm	A mm
KRS-A-3/76	3,0	400	70	250	350
KRS-A-3,5/76	3,5	400	70	250	350
KRS-A-4/76	4,0	500	75	250	350
KRS-A-4,5/76	4,5	500	75	250	350
KRS-A-5/76	5,0	500	75	250	350
KRS-A-5,5/76	5,5	500	75	250	350
KRS-A-6/76	6,0	500	85	300	400
KRS-A-6,5/76	6,5	500	85	300	400
KRS-A-7/76	7,0	500	100	300	400
KRS-A-7,5/76	7,5	500	100	300	400
KRS-A-8/76	8,0	500	100	300	400
KRS-A-8,5/76	8,5	500	100	300	400
KRS-A-9/76	9,0	500	100	300	400
KRS-A-9,5/76	9,5	500	100	300	400
KRS-A-10/76	10,0	800	100	300	400
KRS-A-10,5/76	10,5	800	100	300	400
KRS-A-11/76	11,0	800	100	300	400
KRS-A-11,5/76	11,5	800	100	300	400
KRS-A-12/76	12,0	800	100	300	400

Važna napomena: Konusna šavna cev izrađena iz jednog komada uzdužnim zavarivanjem.

Important note: Conical seam pole has been manufactured out of one piece by longitudinal welding.

Presek A-A
Section A-A



Dizajn stubova za JAVNO OSVETLJENJE proizvodi AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
PUBLIC LIGHTING pole design, manufactured by AMIGA Kraljevo has been protected at the Institute for intellectual property under the number A-334/04. Any unauthorized use is subject to punishment in accordance with the law!

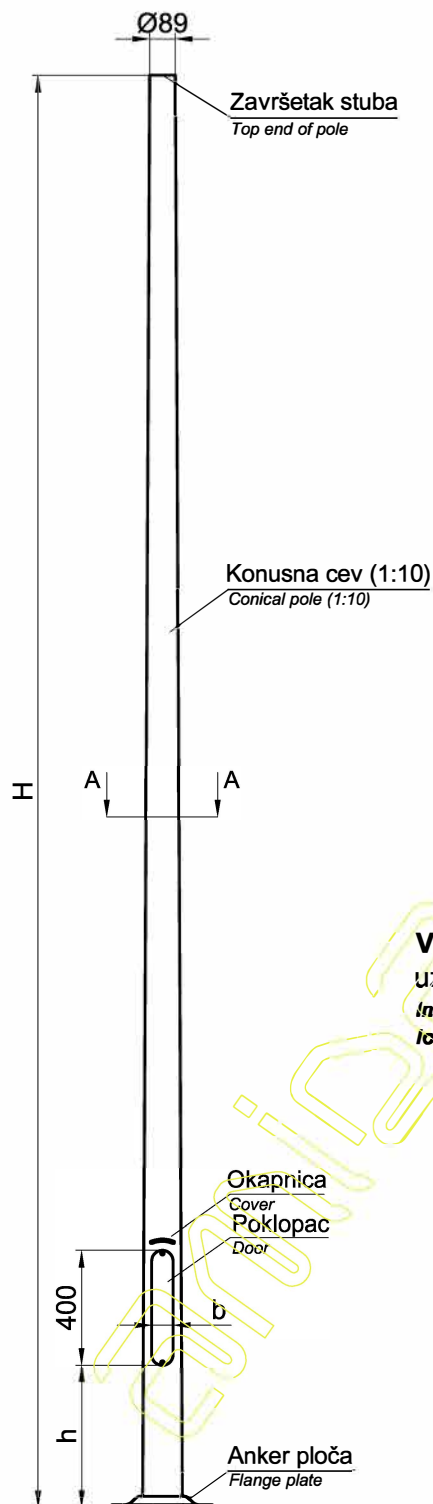
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Tehnički podaci

Technical data

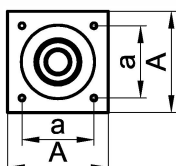
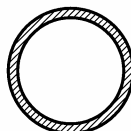


Kataloška oznaka stuba Catalogue pole code	Dimenzije Dimensions				
	H m	h mm	b mm	a mm	A mm
KRS-A-3/89	3,0	400	85	250	350
KRS-A-3,5/89	3,5	400	85	250	350
KRS-A-4/89	4,0	500	90	250	350
KRS-A-4,5/89	4,5	500	90	250	350
KRS-A-5/89	5,0	500	100	250	350
KRS-A-5,5/89	5,5	500	100	250	350
KRS-A-6/89	6,0	500	100	300	400
KRS-A-6,5/89	6,5	500	100	300	400
KRS-A-7/89	7,0	500	100	300	400
KRS-A-7,5/89	7,5	500	100	300	400
KRS-A-8/89	8,0	500	100	300	400
KRS-A-8,5/89	8,5	500	100	300	400
KRS-A-9/89	9,0	500	100	300	400
KRS-A-9,5/89	9,5	500	100	300	400
KRS-A-10/89	10,0	800	100	300	400

Važna napomena: Konusna šavna cev izrađena iz jednog komada uzdužnim zavarivanjem.

Important note: Conical seam pole has been manufactured out of one piece by longitudinal welding.

Presek A-A
Section A-A



Dizajn stubova za JAVNO OSVETLJENJE proizvodnje AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
PUBLIC LIGHTING pole design, manufactured by AMIGA Kraljevo has been protected at the Institute for intellectual property under the number A-334/04. Any unauthorized use is subject to punishment in accordance with the law!

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tel/fax: +381 (0)36/399-099, 399-199, 399-299

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office@amiga.rs

STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

STUBOVI TIP A KRS-A DODATNI PODACI

POLES KRS-A type ADDITIONAL DATA

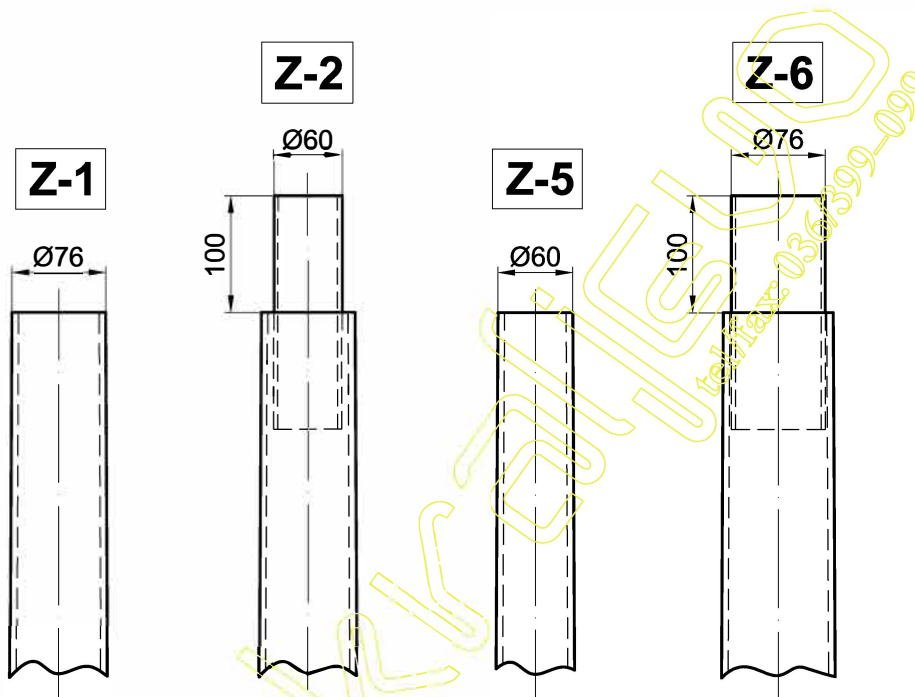
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

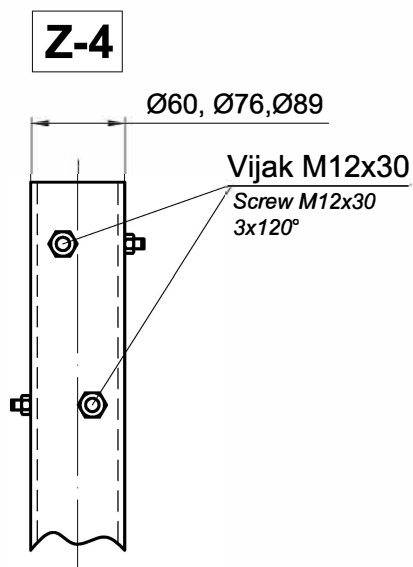
KRS-A

Završetak stuba

Top of pole ending



Za direktnu montažu svetiljke
Used for direct lantern mounting



Za montažu lire ili nosača reflektora
Used for bracket mounting or flood light support

STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

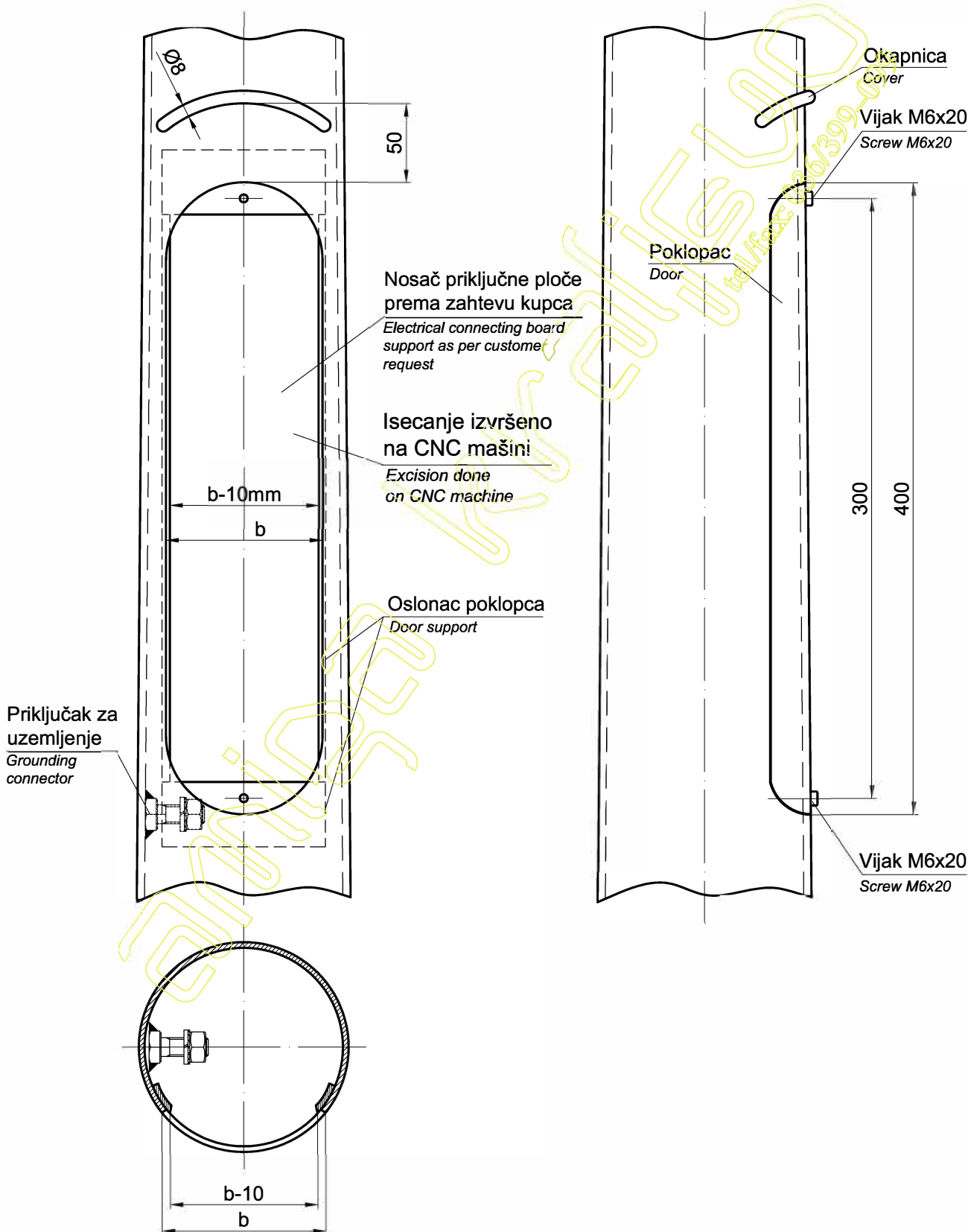
KRS-A

Otvor na stubu

Nosač priključne ploče

Aperture on pole

Electrical connecting board support



Dizajn stubova za JAVNO OSVETLJENJE proizvodnje AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
PUBLIC LIGHTING pole design, manufactured by AMIGA Kraljevo has been protected at the Institute for intellectual property under the number A-334/04. Any unauthorized use is subject to punishment in accordance with the law!

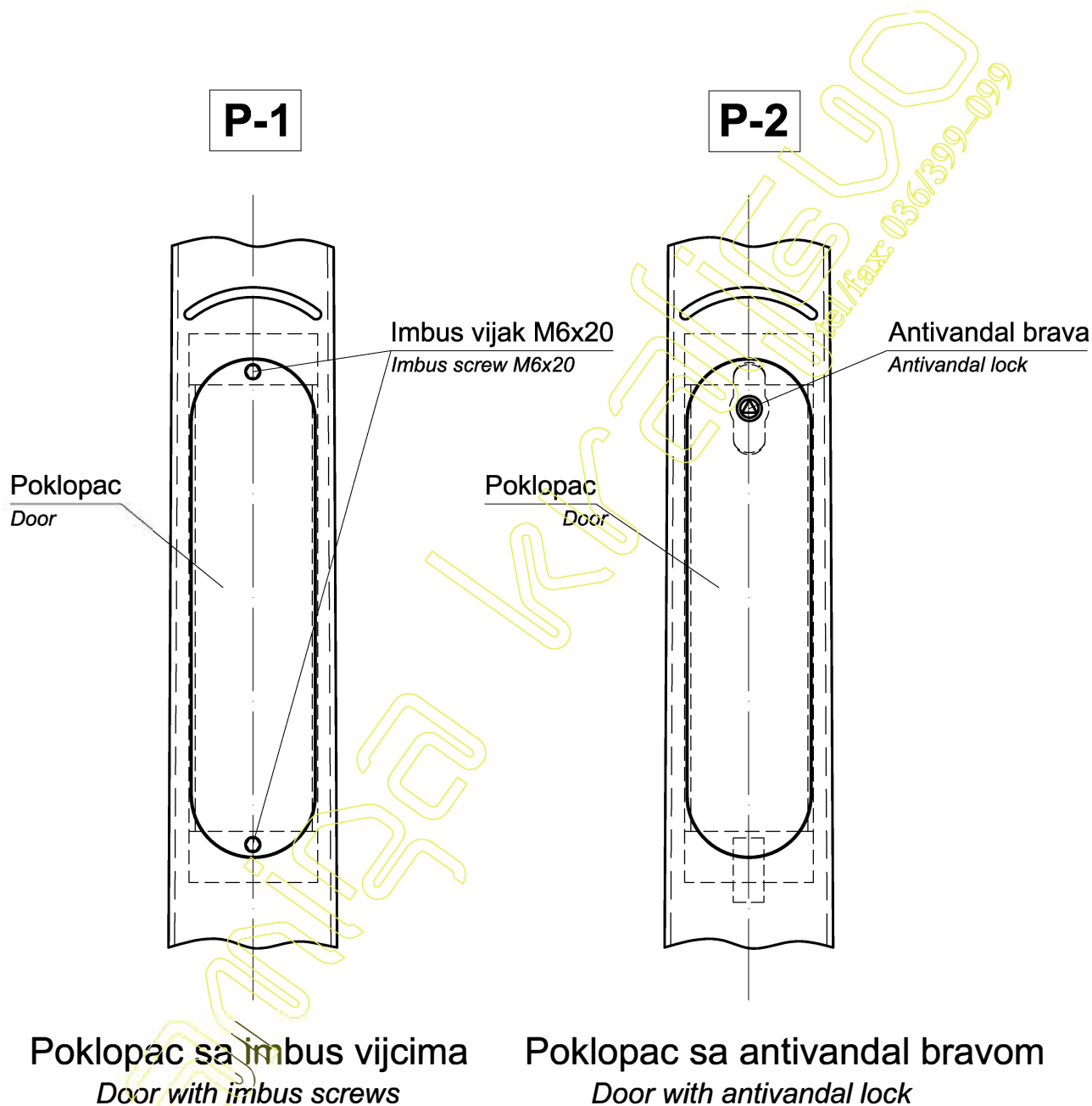
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Zatvaranje poklopca

Locking up the door



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STUBOVI ZA JAVNO OSVETLJENJE

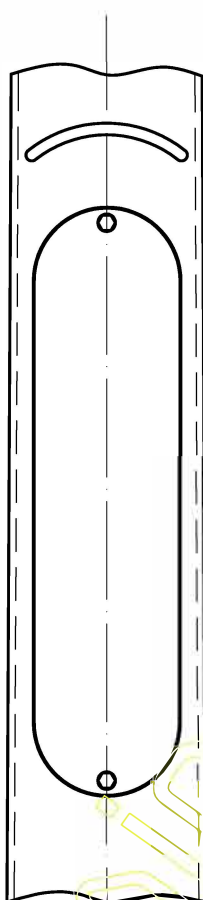
PUBLIC LIGHTING POLES

KRS-A

Okapnica

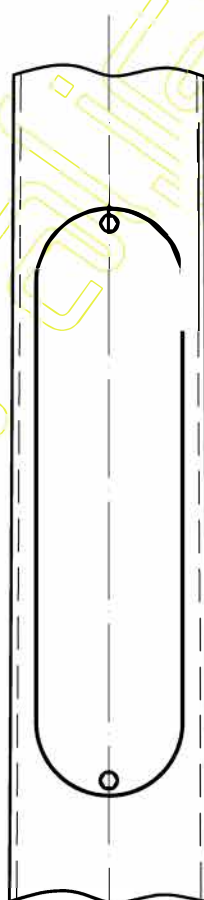
Cover

O-1



Sa okapnicom
With cover

O-2



Bez okapnice
Without cover

STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Uzemljenje

Grounding

U-1

Priključak za uzemljenje
unutra na telu stuba
*Grounding connector inside
on the pole*

Priključak za uzemljenje
Vijak M10x25
*Grounding connector
Screw M10x25*

Traka za uzemljenje
Strip for Earthing

U-2

Priključak za uzemljenje
unutra na nosaču priključne
ploče
*Grounding connector inside
on connecting board suport*

Priključak za uzemljenje
Vijak za vezu priključne
ploče
*Grounding connector
Screw for connection board*

Traka za uzemljenje
Strip for Earthing

max. 1000 mm

400 - 800 mm

Betonski temelji
Concrete foundation

Betonski temelji
Concrete foundation

U-3

Priključak za uzemljenje
spolja na telu stuba
*Grounding connector outside
on the pole*

Priključak za uzemljenje
Vijak M10x25
*Grounding connector
Screw M10x25*

Traka za uzemljenje
Strip for Earthing

200 mm

Betonski temelji
Concrete foundation

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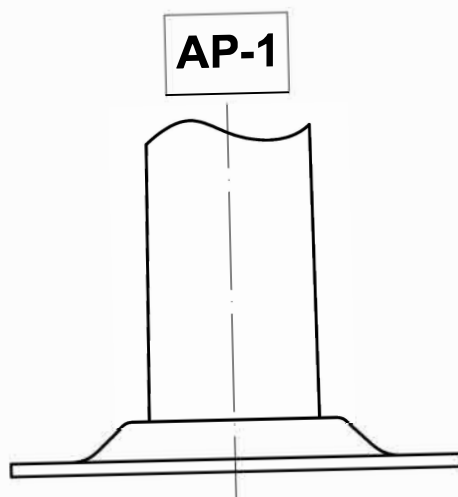
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

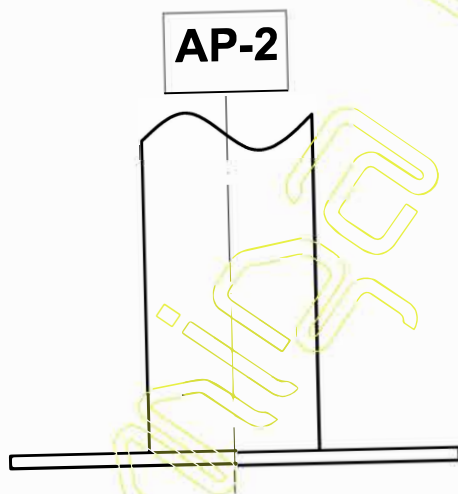
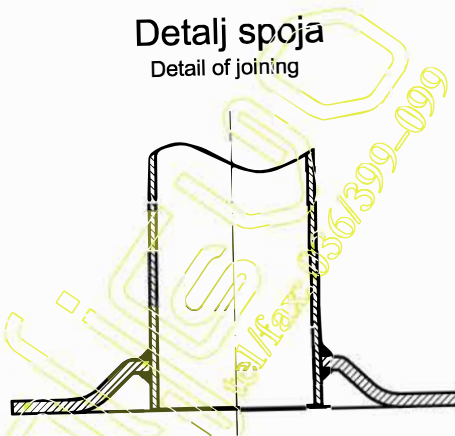
KRS-A

Anker ploča

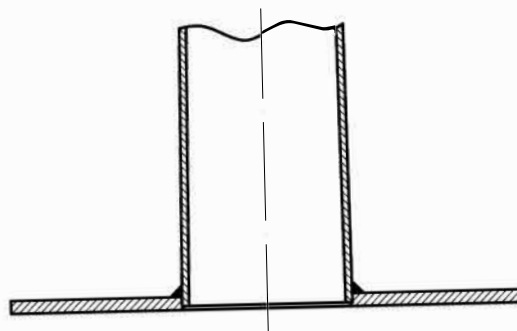
Flange plate



Detalj spoja
Detail of joining



Detalj spoja
Detail of joining



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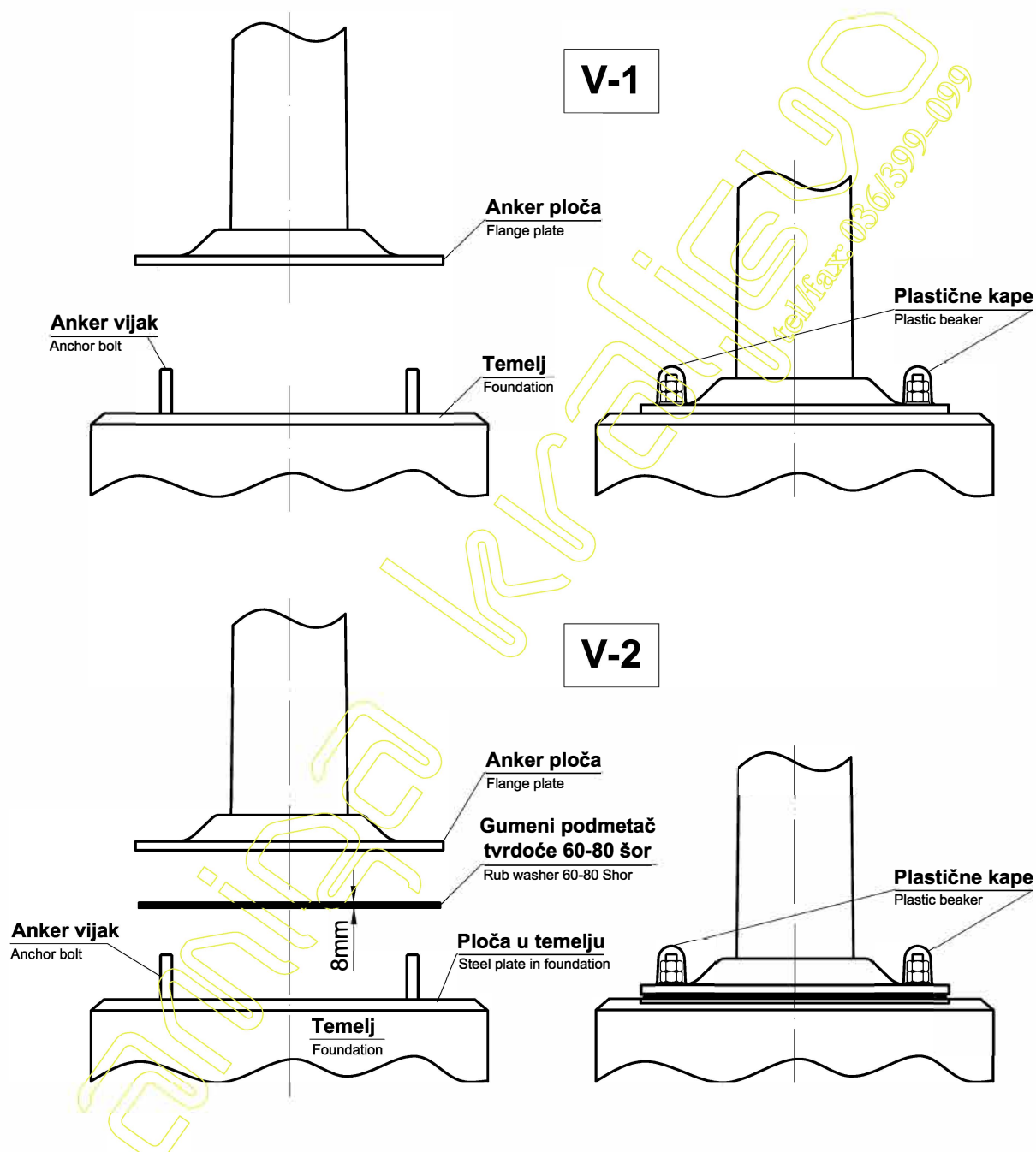
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Veza stuba i temelja

Connection point between pole and foundation



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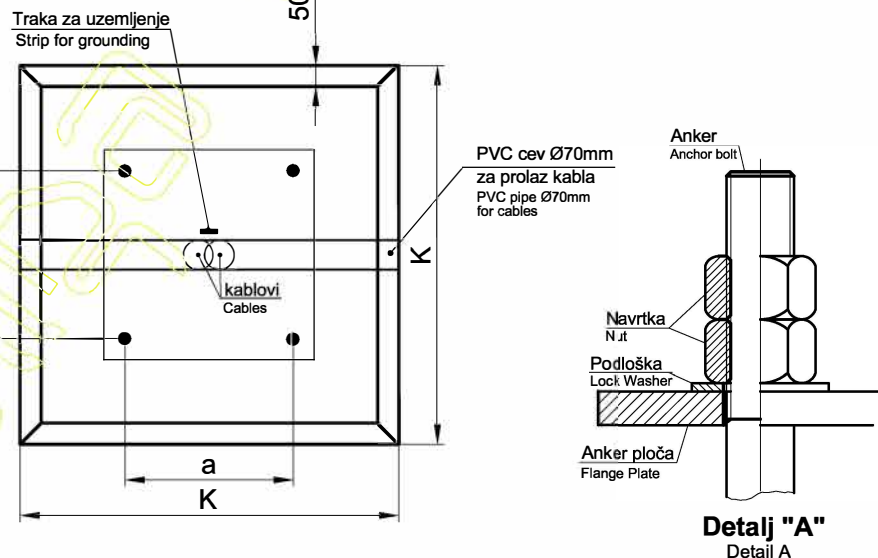
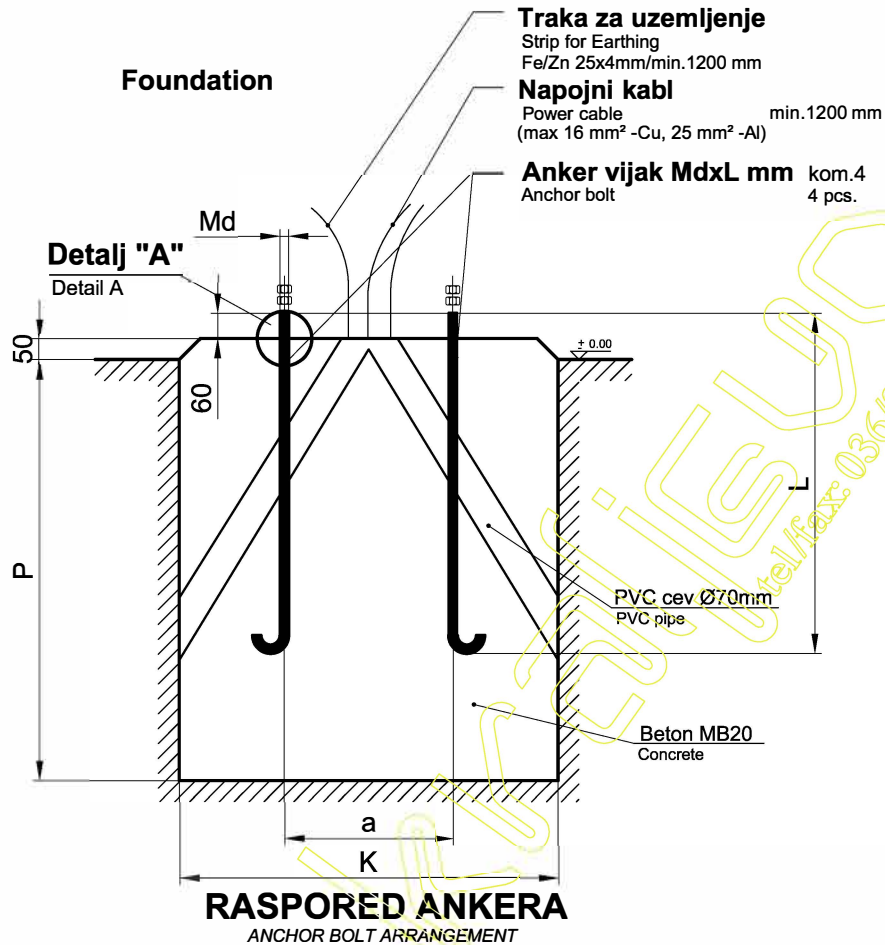
STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Temelji

Foundation



NAPOMENA:

- Temelji su pretpostavljeni za katalogske stubove tipa KRS-A na koje se ugrađuje standardna katalogska oprema (nosači svetiljki, lire ili nosači reflektora). U slučaju da se na katalogski stub ugrađuje nestandardna oprema potrebno je kontaktirati projektanta radi korekcija dimenzija temelja
- Ankere isporučuje proizvođač opreme. Temelje i ugradnju ankera naručilac izvodi po ovom crtežu
- Temelj je pretpostavljen za nosivost tla 150 kN/m²
- U slučaju da se podaci na terenu razlikuju u odnosu na projektovane obratiti se projektantu radi korekcije temelja

NOTE:

- The foundations have been set up for catalogue poles KRS-A type on which the standard catalogue equipment is installed (light carrier, bracket or flood light carrier). If non-standard equipment is to be installed on the catalogue pole, it is necessary to contact project designer for making corrections of dimensions related to the foundation.
- Anchors are delivered by the equipment producer. Foundations and anchor installment are done by the orderer as per this drawing
- The foundation has been set up for carrying ground capacity of 150 kN/m².
- In case of discrepancies between the data on the site and the projected one, the project designer should be contacted for making corrections regarding the foundation.

Dizajn stubova za JAVNO OSVETLJENJE proizvođače AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
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STUBOVI ZA JAVNO OSVETLJENJE

PUBLIC LIGHTING POLES

KRS-A

Temelji

Foundation

Kataloška oznaka temelja <i>Catalogue foundation code</i>	Kataloška oznaka stuba <i>Catalogue pole code</i>	Dimenzije <i>Dimensions</i>					
		H m	Md mm	L mm	a mm	K mm	P mm
TE - KRS-A-3	KRS-A-3/(60/76/89)	3,0	16	450	250	500	550
TE - KRS-A-3,5	KRS-A-3,5/(60/76/89)	3,5	16	450	250	550	550
TE - KRS-A-4	KRS-A-4/(60/76/89)	4,0	16	450	250	600	600
TE - KRS-A-4,5	KRS-A-4,5/(60/76/89)	4,5	16	450	250	600	600
TE - KRS-A-5	KRS-A-5/(60/76/89)	5,0	16	450	250	600	600
TE - KRS-A-5,5	KRS-A-5,5/(60/76/89)	5,5	16	450	250	600	700
TE - KRS-A-6	KRS-A-6/(60/76/89)	6,0	18	600	300	700	700
TE - KRS-A-6,5	KRS-A-6,5/(60/76/89)	6,5	18	600	300	700	800
TE - KRS-A-7	KRS-A-7/(60/76/89)	7,0	18	600	300	800	800
TE - KRS-A-7,5	KRS-A-7,5/(60/76/89)	7,5	18	600	300	800	900
TE - KRS-A-8	KRS-A-8/(60/76/89)	8,0	20	600	300	800	1000
TE - KRS-A-8,5	KRS-A-8,5/(60/76/89)	8,5	20	600	300	800	1000
TE - KRS-A-9	KRS-A-9/(60/76/89)	9,0	20	600	300	900	1000
TE - KRS-A-9,5	KRS-A-9,5/(60/76/89)	9,5	20	600	300	900	1000
TE - KRS-A-10	KRS-A-10/(60/76/89)	10,0	20	600	300	900	1000
TE - KRS-A-10,5	KRS-A-10,5/(60/76/89)	10,5	20	600	300	900	1100
TE - KRS-A-11	KRS-A-11/(60/76/89)	11,0	22	800	300	1000	1100
TE - KRS-A-11,5	KRS-A-11,5/(60/76/89)	11,5	22	800	300	1000	1100
TE - KRS-A-12	KRS-A-12/(60/76/89)	12,0	22	800	300	1000	1100
TE - KRS-A-12,5	KRS-A-12,5/(60/76/89)	12,5	22	800	300	1100	1200
TE - KRS-A-13	KRS-A-13/(60/76/89)	13,0	22	800	300	1200	1200

NAPOMENA:

- Temelji su pretpostavljeni za kataloške stubove tipa KRS-A na koje se ugrađuje standardna kataloška oprema (nosači svetiljki, lire ili nosači reflektora). U slučaju da se na kataloški stub ugrađuje nestandardna oprema potrebno je kontaktirati projektanta radi korekcija dimenzija temelja
- Ankere isporučuje proizvođač opreme. Temelje i ugradnju ankera naručilac izvodi po ovom crtežu
- Temelj je pretpostavljen za nosivost tla 150 kN/m²
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NOTE:

- The foundations have been set up for catalogue poles KRS-A type on which the standard catalogue equipment is installed (light carrier, bracket or flood light carrier). If non-standard equipment is to be installed on the catalogue pole, it is necessary to contact project designer for making corrections of dimensions related to the foundation.
- Anchors are delivered by the equipment producer. Foundations and anchor installment are done by the orderer as per this drawing
- The foundation has been set up for carrying ground capacity of 150 kN/m².
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Dizajn stubova za JAVNO OSVETLJENJE proizvodi AMIGA Kraljevo je zaštićen kod Zavoda za intelektualnu svojinu pod brojem A-334/04, svaka neovlašćena zloupotreba kažnjiva je u skladu sa zakonom!
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92904717 IP 48L50-740 WR M BS 3550 CL2 M60 ANT

LED 70W IP48L50-740WR
 ISO 9223
 C5



 IP66
 IK09





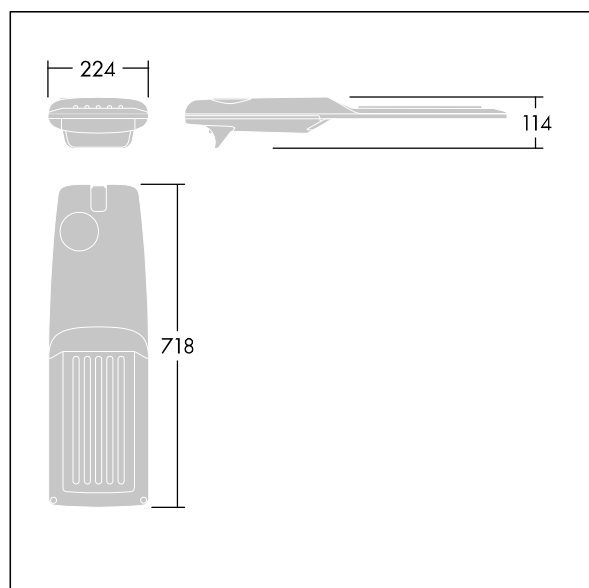

Isaro Pro

A state of the art LED road lighting lantern (medium) with 48 LEDs driven at 500mA with Wide Road optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Spigot: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Enclosure: 5mm thick glass. Fixings: stainless steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). Equipped with 50% power reduction circuit, effective 3 hours before and 5 hours after a calculated midnight. It can be deactivated at installation with an easily accessible internal switch. Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

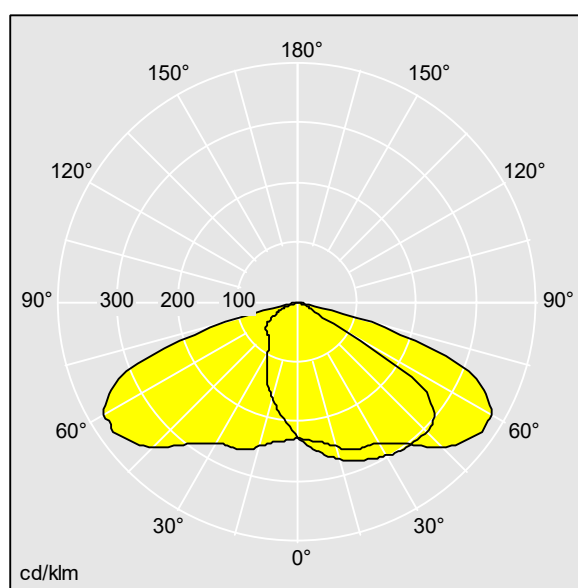
Dimensions: 718 x 224 x 114 mm
Luminaire input power: 70.4 W
Luminaire luminous flux: 11751 lm
Luminaire efficacy: 167 lm/W
Weight: 7.4 kg
Scx: 0.066 m²



TLG ISRP F M PDB ANT.jpg



TLG ISRP M LD2.wmf



TL IP48L50WR740.Idt

Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 11751 lm
Luminaire efficacy*: 167 lm/W
Colour Rendering Index min.: 70
Ballast: 1 x 28003162 LCO 90/200-1050/165 o4a NFC
C EXC3
LOR: 1.00 ULOR: 0.00 DLOR: 1.00

Correlated colour temperature*: 4000 Kelvin
Chromaticity tolerance (initial MacAdam): 5
Rated median useful life*:
L95 100000 h at 35 °C
Rated useful life (B10)*:
L95 100000 h at 25 °C
Luminaire input power*: 70.4 W Power factor = 0.96
Dimming: PROG

This product contains a light source of energy efficiency class D.

Isaro Pro

92904717 IP 48L50-740 WR M BS 3550 CL2 M60 ANT

THORN

All values marked with an * are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at $\pm 10\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Risk group

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Isaro Pro

THORN

92904769 IP 60L70-740 WR M BS 3550 CL2 M60 ANT

LED 125W IP60L70-740WR	ISO 9223 C5	PLUG	UK CA	IP66	IK09		CE					
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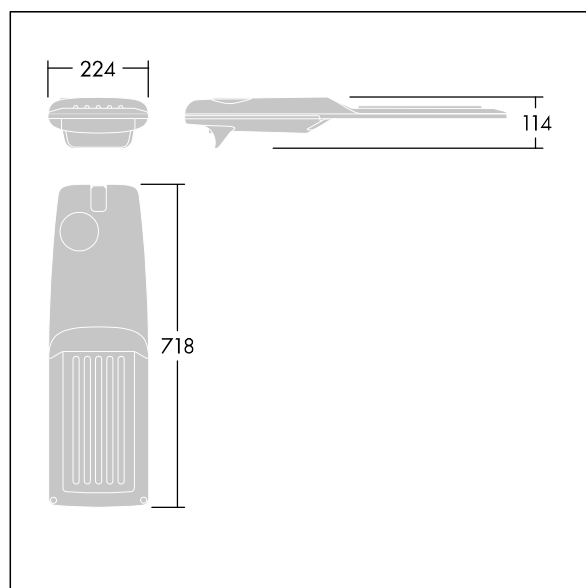
Isaro Pro

A state of the art LED road lighting lantern (medium) with 60 LEDs driven at 700mA with Wide Road optic. Programmable LED driver. Class II electrical, IP66, IK09. Housing: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Spigot: die-cast aluminium (EN AC-44300), powder coated textured anthracite (close to RAL7043). Enclosure: 5mm thick glass. Fixings: stainless steel. Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10°/15°/20° tilt) or side-entry (-15°/-10°/-5°/0°/5°/10°/15° tilt). Equipped with 50% power reduction circuit, effective 3 hours before and 5 hours after a calculated midnight. It can be deactivated at installation with an easily accessible internal switch. Complete with 4000K LED. Surge protection: 10kV single pulse common mode and 8kV multipulse common mode and 6kV multipulse differential mode. If permanent DALI system is connected, 6kV multipulse common and differential mode.

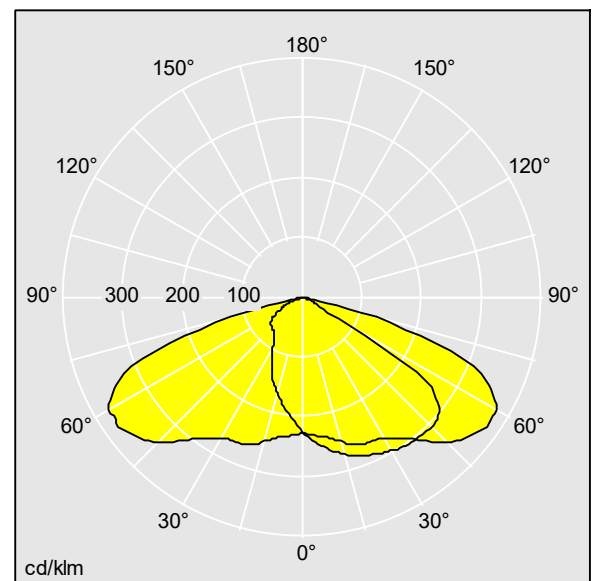
Dimensions: 718 x 224 x 114 mm
 Luminaire input power: 125.2 W
 Luminaire luminous flux: 19543 lm
 Luminaire efficacy: 156 lm/W
 Weight: 7.6 kg
 Scx: 0.066 m²



TLG_ISRP_F_M_PDB_ANT.jpg



TLG_ISRP_M_LD2.wmf



TL_IP60L70WR740.idt

Lamp position: STD - standard
 Light Source: LED
 Luminaire luminous flux*: 19543 lm
 Luminaire efficacy*: 156 lm/W
 Colour Rendering Index min.: 70
 Ballast: 1 x 28003163 LCO 135/200-1050/ 220 o4a NF
 C EXC3

Correlated colour temperature*: 4000 Kelvin
 Chromaticity tolerance (initial MacAdam): 5
 Rated useful life (B10)*:
 L95 100000 h at 25 °C
 Luminaire input power*: 125.2 W Power factor = 0.97
 Dimming: PROG
 LOR: 1,00 ULOR: 0,00 DLOR: 1,00

This product contains light sources of energy efficiency classes D, E.

All values marked with an * are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at $\pm 10\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Risk group

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