

- ① **CAB. A do RO (A)**
SiSi-J: 1 x 3 x 1.50mm²
LiHH: 1 x 2 x 0.50mm² za P1
LiHH: 1 x 2 x 0.50mm² za LED MARK. 1
LiHH: 1 x 3 x 0.50mm² za MINI SEMAFOR (TOWER RGB)
LiHH: 1 x 2 x 0.50mm² za LED RASVETA KABINET
LiHH: 1 x 4 x 0.50mm² za TASTER sa LED indikacijom
LiHH: 1 x 7 x 0.50mm² za RFID Čitač “wiegand”
LiHH: 1 x 3 x 0.75mm² za INTERFON (A), TCS
LiHH: 1 x nn x 0.50mm² za INTERFON (A), PO IZBORU

SiSi-J: 1 x 2 x 1.00mm² za Kiosk Printer 24VDC
LiHH: 1 x 2 x 0.50mm² za Printer “paper end”
LiHH: 1 x 2 x 0.50mm² za Printer “paper jam”
LiHH: 1 x 2 x 0.50mm² za Printer “rezerva”
1 x UTP/SFTP za Printer

1 x UTP/SFTP (Rezerva)

- ② **RAMPA (A) do RO (A)**
SiSi-J: 1 x 3 x 1.5mm² za RAMPU (A)
LiHH: 1 x 2 x 0.50mm² za P2
LiHH: 1 x 4 x 0.50mm² za OPEN/CLOSE/STOP
LiHH: 1 x 2 x 0.50mm² za Boom “Down”
LiHH: 1 x 2 x 0.50mm² za Boom “Up”
LiHH: 1 x 4 x 0.50mm² za FOTO ČELIJU (A)
2 x UTP/SFTP (Rezerva)

- ③ **SEMAFOR (A) do RO (A)**
SiSi-J: 1 x 3 x 1.00mm²

- ④ **CAB. (B) do RO (B)**
SiSi-J: 1 x 3 x 1.50mm²
LiHH: 1 x 2 x 0.50mm² za P4
LiHH: 1 x 2 x 0.50mm² za LED MARK. 2
LiHH: 1 x 3 x 0.50mm² za MINI SEMAFOR
LiHH: 1 x 2 x 0.50mm² za LED RASVETA KABINET
LiHH: 1 x 7 x 0.50mm² za RFID Čitač “wiegand”
LiHH: 1 x 7 x 0.50mm² za barcode scanner “wiegand”
LiHH: 1 x 3 x 0.75mm² INTERFON (B) TCS
1 x UTP/SFTP (Rezerva)

- ⑤ **RAMPA (B) do RO (B)**
SiSi-J: 1 x 3 x 1.5mm²
LiHH: 1 x 2 x 0.50mm² za P5
LiHH: 1 x 4 x 0.50mm² za OPEN/CLOSE/STOP
LiHH: 1 x 2 x 0.50mm² za Boom “Down”
LiHH: 1 x 2 x 0.50mm² za Boom “Up”
LiHH: 1 x 4 x 0.50mm² za FOTO ČELIJU (B)
2 x UTP/SFTP (Rezerva, ELKA RAMPA IDE NA TCP/IP)

- ⑥ **SEMAFOR (B) do RO (B)**
SiSi-J: 1 x 3 x 1.00mm²

- ⑦ **od RO (A) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm² za RFID Čitač-A “wiegand”
LiHH: 1 x 2 x 0.50mm² za ACC. LOCK A
LiHH: 1 x 4 x 0.50mm² za CC open/close/stop
LiHH: 1 x 2 x 0.75mm² za INTERF. SLUŠALICU (A)
1 x UTP/SFTP za Printer
1 x UTP/SFTP za PLC (A)
1 x UTP/SFTP (Rezerva)

- ⑧ **od RO (B) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm² za RFID Čitač-D “wiegand”
LiHH: 1 x 7 x 0.50mm² za BARCODE -C“wiegand”
LiHH: 1 x 2 x 0.50mm² za ACC. LOCK B
LiHH: 1 x 4 x 0.50mm² za CC open/close/stop
LiHH: 1 x 2 x 0.75mm² za INTERF. SLUŠALICU (B)
1 x UTP/SFTP za PLC (B)
1 x UTP/SFTP (Rezerva)

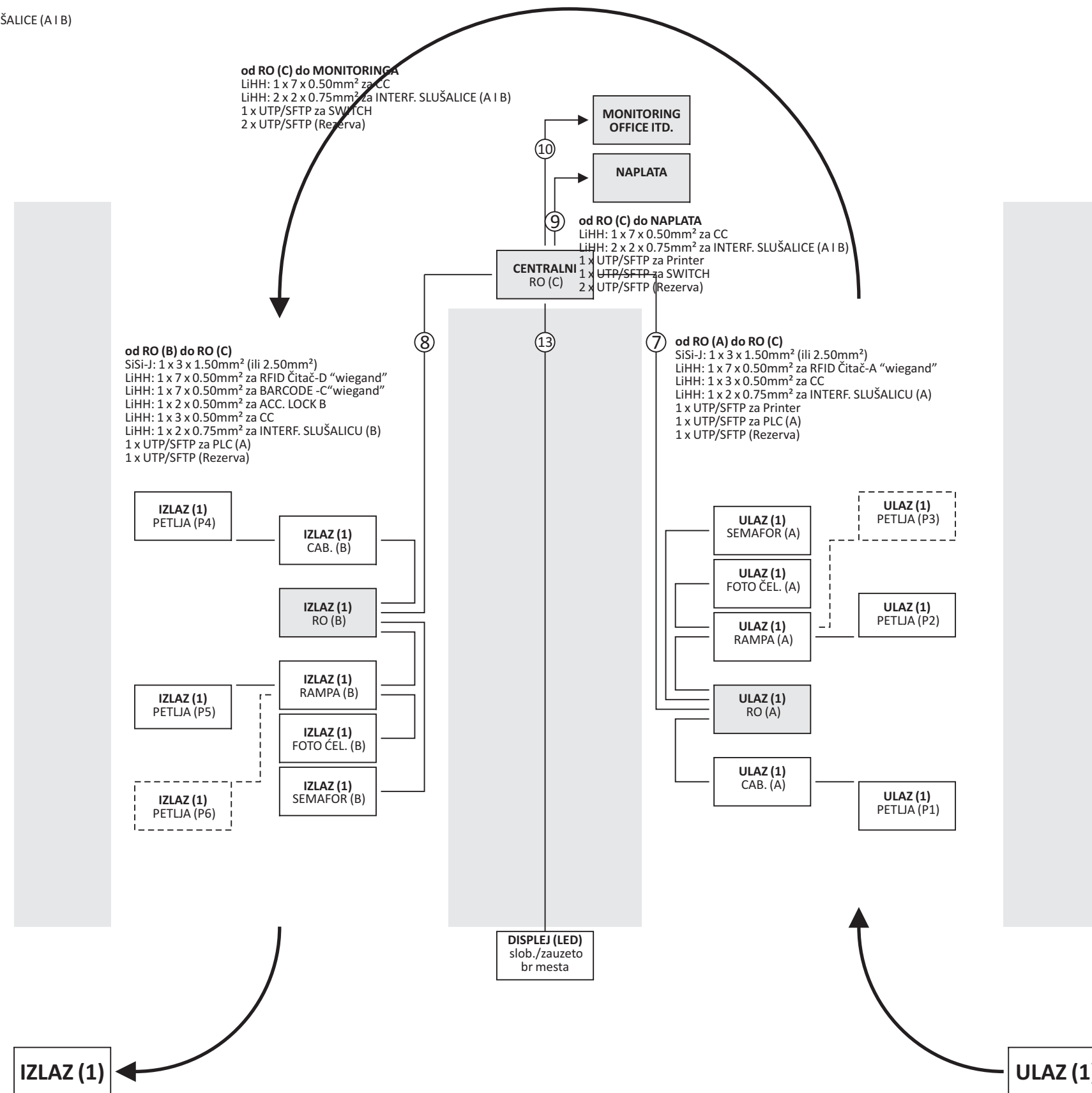
- ⑨ **od RO (C) do NAPLATA**
LiHH: 1 x 7 x 0.50mm² za CC
LiHH: 2 x 2 x 0.75mm² za INTERF. SLUŠALICE (A I B)
1 x UTP/SFTP za Printer
1 x UTP/SFTP za SWITCH
2 x UTP/SFTP (Rezerva)

- ⑩ **od RO (C) do MONITORINGA**
LiHH: 1 x 7 x 0.50mm² za CC
LiHH: 2 x 2 x 0.75mm² za INTERF. SLUŠALICE (A I B)
1 x UTP/SFTP za SWITCH
2 x UTP/SFTP (Rezerva)

- ⑪ **RAMPA (A) do FOTO ČELIJE (A)**
LiHH: 1 x 4 x 0.50mm²

- ⑫ **RAMPA (B) do FOTO ČELIJE (B)**
LiHH: 1 x 4 x 0.50mm²

- ⑬ **DISPLEJ do RO (C)**
SiSi-J: 1 x 3 x 1.50mm²
1 x UTP/SFZP



AUTOMATIZACIJA KABLIRANJE KABLIRANJE

KONTROLA PRISTUPA

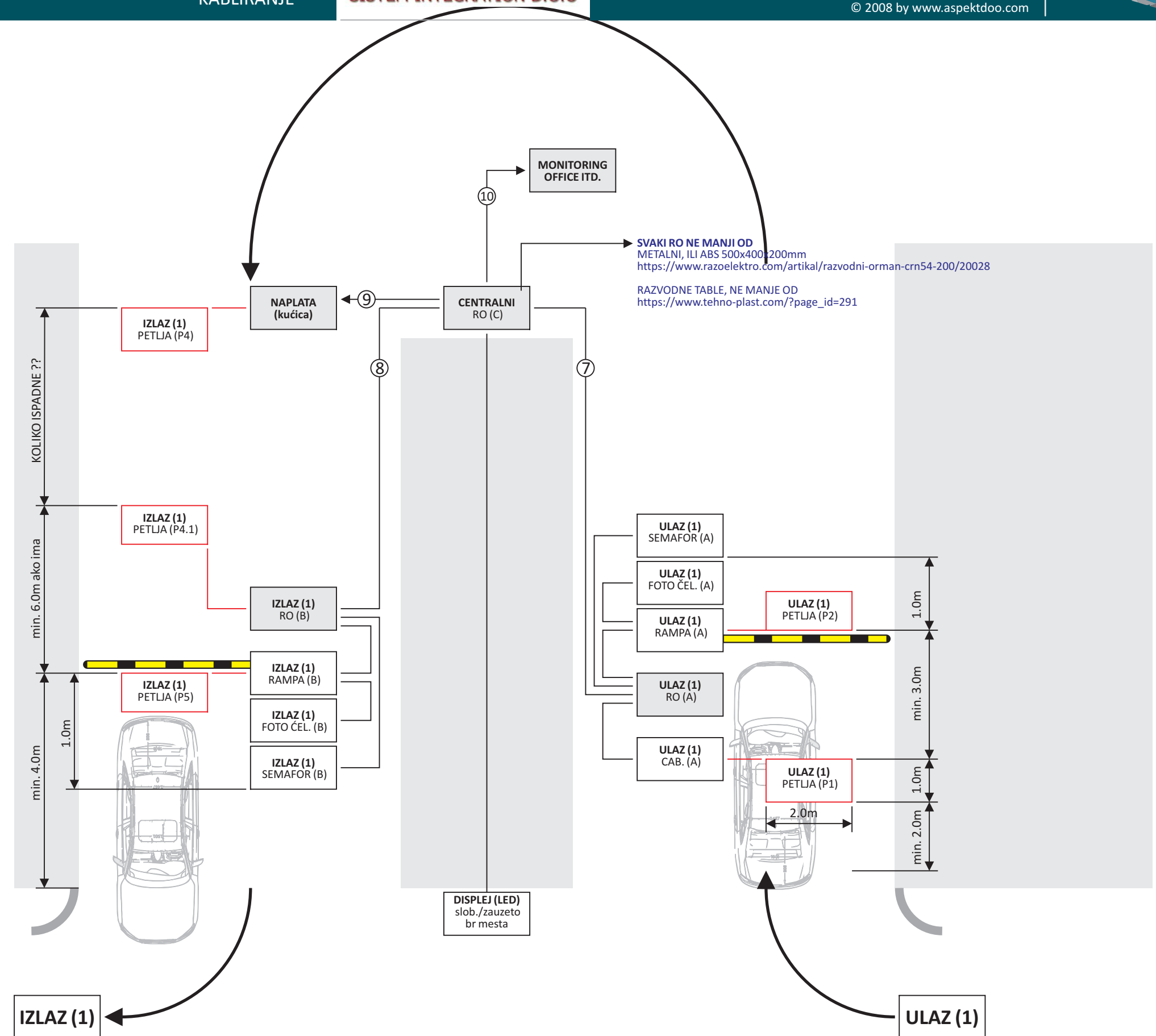
Konfigurisanje sistema

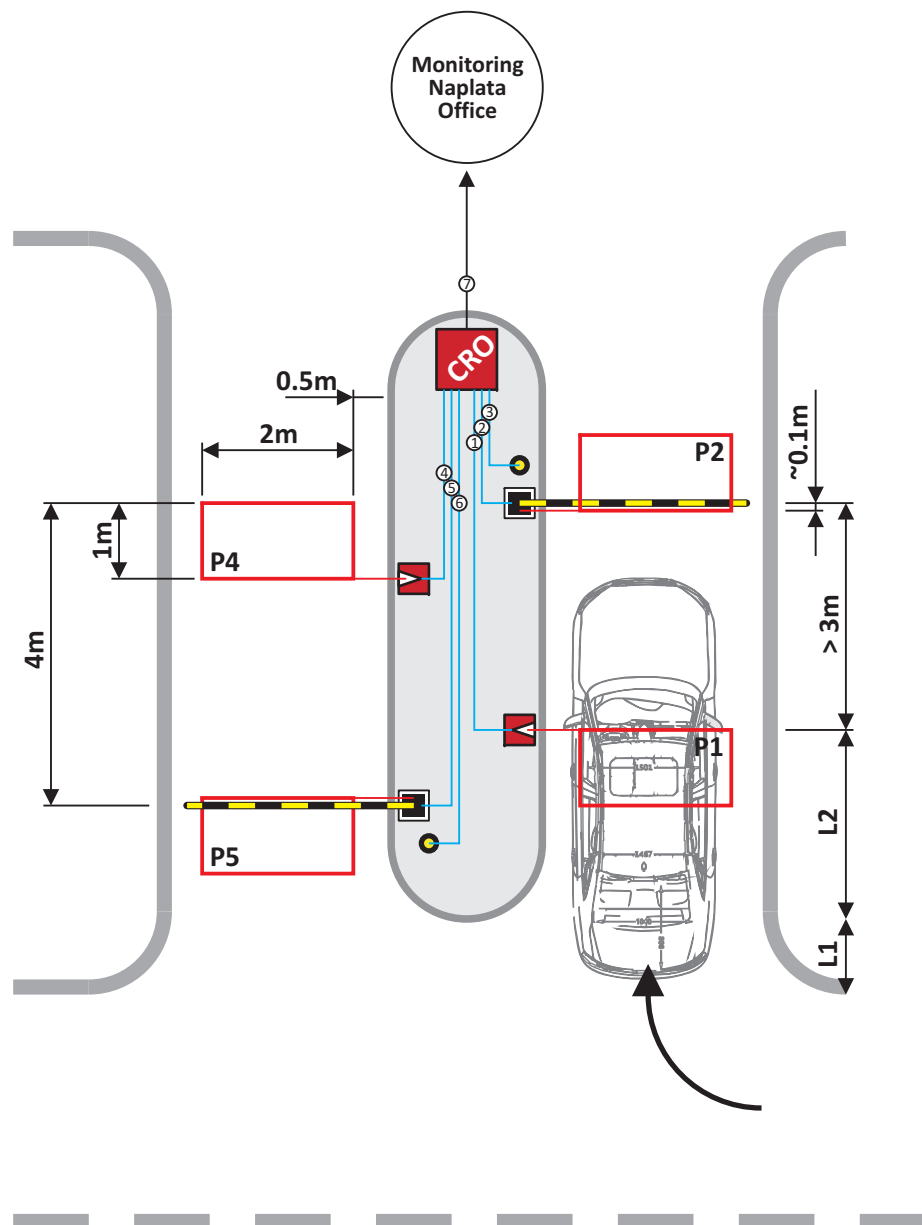
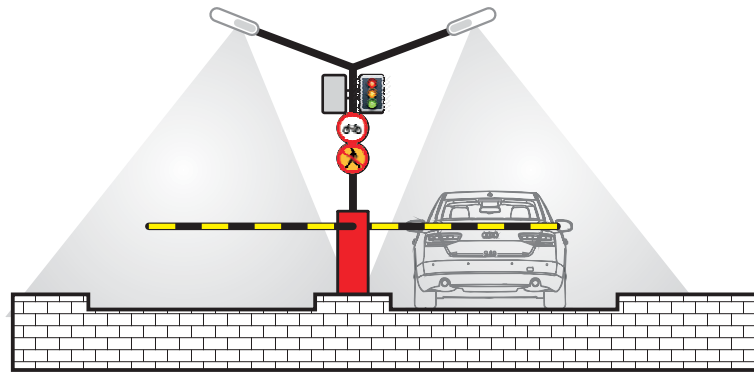


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- ① **CAB. A do RO (A)**
SiSi-J: 1 x 3 x 1.50mm²
SiSi-J: 2 x 3 x 1.00mm²
LiHH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
2 x UTP/SFTP

AKO IDE INTERFON
LiHH: 1 x 3 x 0.75mm² za INTERFON (A), TCS, ILI
LiHH: 1 x nn x 0.nnmm² za INTERFON (A), PO IZBORU
- ② **RAMPA (A) do RO (A)**
SiSi-J: 1 x 3 x 1.5mm² za RAMPU (A)
LiHH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
2 x UTP/SFTP
- ③ **SEMAFOR (A) do RO (A)**
SiSi-J: 1 x 3 x 1.00mm²
- ④ **CAB. (B) do RO (B)**
TUTIN NEMA CAB. (B)
- ⑤ **RAMPA (B) do RO (B)**
SiSi-J: 1 x 3 x 1.5mm²
LiHH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
1 x UTP/SFTP
- ⑥ **SEMAFOR (B) do RO (B)**
SiSi-J: 1 x 3 x 1.00mm²
- ⑦ **od RO (A) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 2 x 7 x 0.50mm²
3 x UTP/SFTP
- ⑧ **od RO (B) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm²
LiHH FE 180 E 90: 1 x 2 x 0.75mm² (Važi samo za TUTIN)
2 x UTP/SFTP
- ⑨ **od RO (C) do NAPLATA**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm²
4 x UTP/SFTP
AKO IDE INTERFON
LiHH: 1 x 2 x 0.75mm² za INTERFON (A), TCS
LiHH: 1 x nn x 0.nnmm² za INTERFON (A), PO IZBORU
- ⑩ **od RO (C) do MONITORINGA**
LiHH: 1 x 7 x 0.50mm²
3 x UTP/SFTP
INTERFON, AKO SE POSTAVLJA
LiHH: 2 x 2 x 0.75mm² za INTERF. SLUŠALICE TCS (A I B), ILI
LiHH: N x N x 0.NNmm² za INTERF. SLUŠALICE (A I B) KOJE ODABERE KUPAC
- ⑪ **RAMPA (A) do FOTO ČELIJE (A)**
LiHH: 1 x 4 x 0.50mm²
- ⑫ **RAMPA (B) do FOTO ČELIJE (B)**
LiHH: 1 x 4 x 0.50mm²





- ① **LOKACIJA CAB. 1 DO CRO**
SiSi-J: 1 x 3 x 1.50mm² (Obavezno)
LIHCH FE 180 E 90: 1 x 2 x 0.75mm² (P1), "twiste pair"
LiHH: 1 x 2 x 0.50mm² (LED MARK. 1)
LiHH: 1 x 3 x 0.50mm² (MINI SEMAFOR)
LiHH: 1 x 2 x 0.50mm² (LED RASVETA KABINET)
LiHH: 1 x 4 x 0.34mm² (TASTER sa LED indikacijom)
LiHH: 1 x 7 x 0.50mm² (RFID "wiegand")

SiSi-J: 1 x 2 x 1.00mm² (Kiosk Printer 24VDC)
LiHH: 1 x 2 x 0.50mm² (Printer "paper end")
LiHH: 1 x 2 x 0.50mm² (Printer "paper jam")
LiHH: 1 x 2 x 0.50mm² (Printer "rezerva")
1 x UTP/SFTP (Printer)

1 x INTERFON 1 - ULAZ (zavisi od odabranog)
2 x UTP/SFTP (Rezerva)

- ② **LOKACIJA RAMPA 1 DO CRO**
SiSi-J: 1 x 3 x 1.5mm² (Rampa 1)
LIHCH FE 180 E 90: 1 x 2 x 0.75mm² (P2) "twiste pair"
LiHH: 1 x 4 x 0.50mm² (CC)
LiHH: 1 x 2 x 0.50mm² (Boom "Down")
LiHH: 1 x 2 x 0.50mm² (Boom "Up")
LiHH: 1 x 4 x 0.50mm² (Photo cell 1)

2 x UTP/SFTP (Rezerva)

- ③ **LOKACIJA SEMAFOR 1 DO CRO**
SiSi-J: 1 x 3 x 1.00mm² (Semafor 1, 24VDC)
1 x UTP/SFTP (Rezerva)

- ④ **LOKACIJA - CAB 2 DO RO**
SiSi-J: 1 x 3 x 1.50mm² (Obavezno)
LIHCH FE 180 E 90: 1 x 2 x 0.75mm² (P4), "twiste pair"
LiHH: 1 x 2 x 0.50mm² (LED MARK. 2)
LiHH: 1 x 3 x 0.50mm² (MINI SEMAFOR)
LiHH: 1 x 2 x 0.50mm² (LED RASVETA KABINET)
LiHH: 1 x 7 x 0.50mm² (RFID "wiegand")
LiHH: 1 x 7 x 0.50mm² (barcode scanner "wiegand")

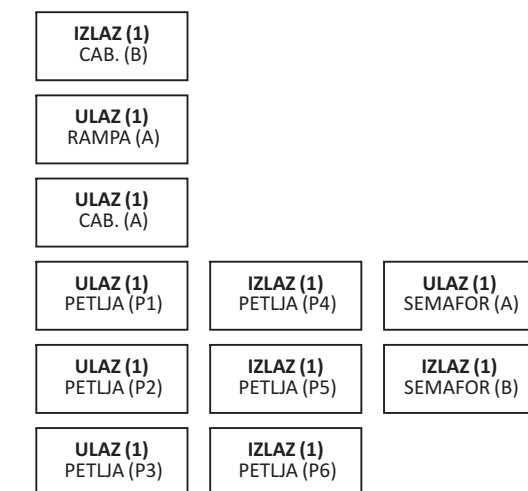
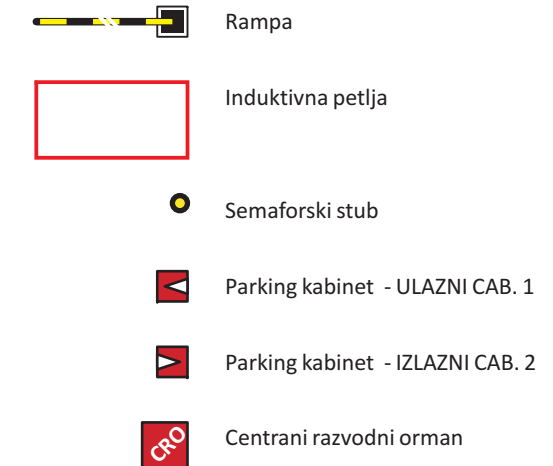
1 x INTERFON 2 - IZLAZ (zavisi od odabranog)
2 x UTP/SFTP (Rezerva)

- ⑤ **LOKACIJA RAMPA 2 DO RO**
SiSi-J: 1 x 3 x 1.5mm² (Rampa 2)
LIHCH FE 180 E 90: 1 x 2 x 0.75mm² (P5) "twiste pair"
LiHH: 1 x 4 x 0.50mm² (CC)
LiHH: 1 x 2 x 0.50mm² (Boom "Down")
LiHH: 1 x 2 x 0.50mm² (Boom "Up")
LiHH: 1 x 4 x 0.50mm² (Photo cell 1)

2 x UTP/SFTP (Rezerva)

- ⑥ **LOKACIJA SEMAFOR 1**
SiSi-J: 1 x 3 x 1.00mm² (Semafor 2)
1 x UTP/SFTP (Rezerva)

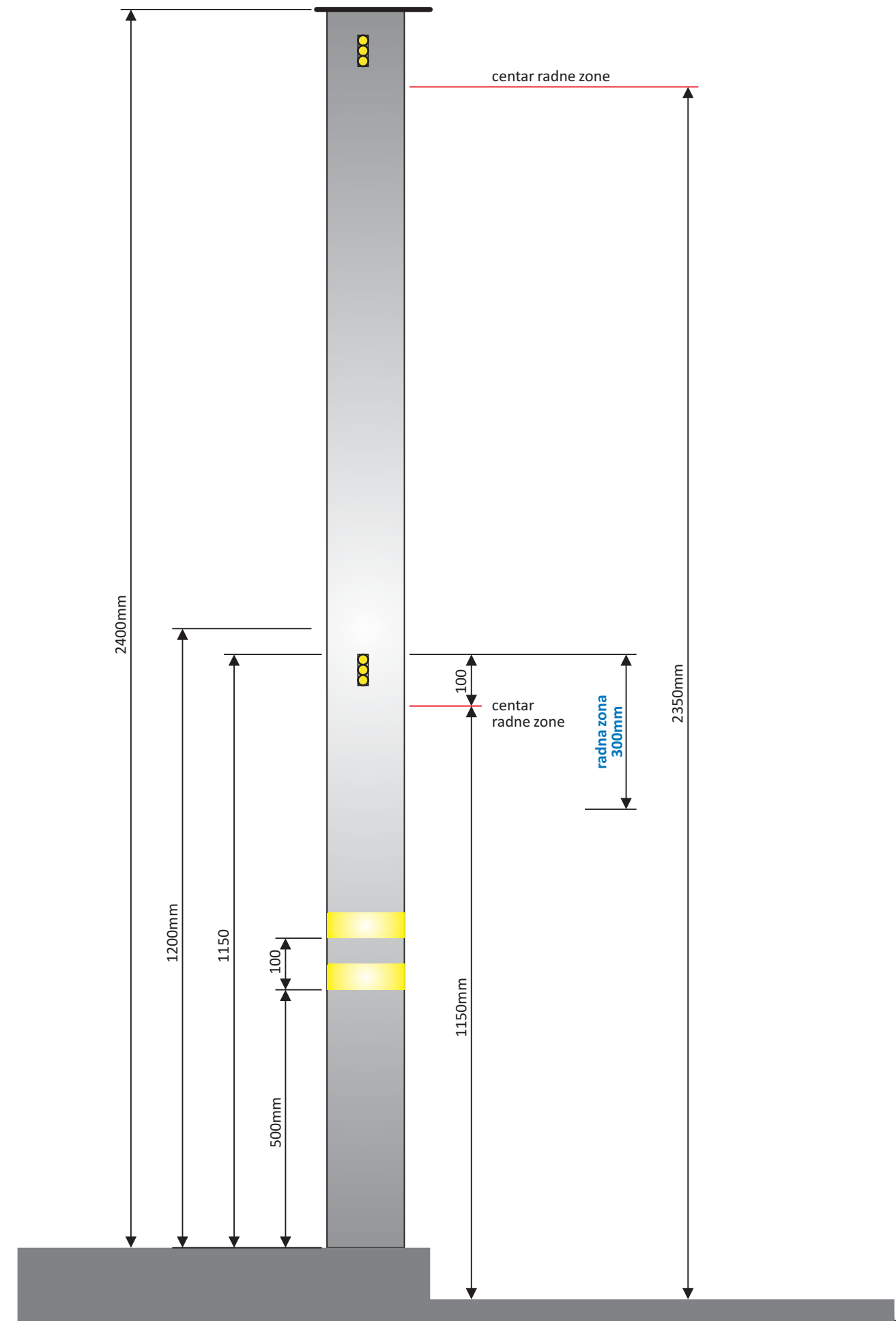
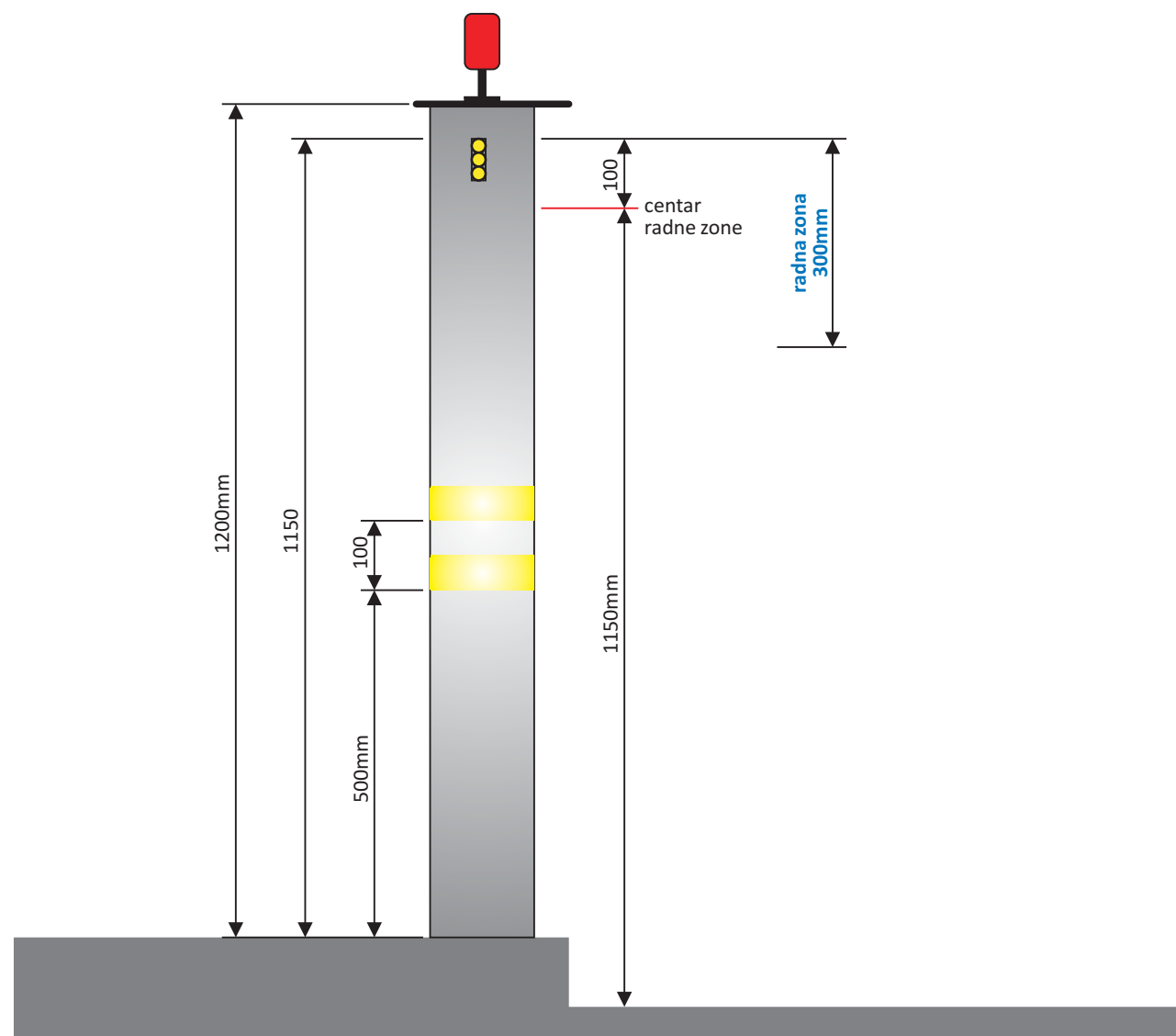
- ⑦ **LOKACIJA OD CRO NA DALJE**
LiHH: 1 x 4 x 0.50mm² (CC)
1 x UTP/SFTP od Printera (USB Extender)
1 x UTP/SFTP od Switch-a
2 x UTP/SFTP (Rezerva)





PUTNIČKA VOZILA

"DE FACTO" STANDARD



- ① **CAB. A do RO (A)**
SiSi-J: 1 x 3 x 1.50mm²
SiSi-J: 2 x 3 x 1.00mm²
LIHCH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
2 x UTP/SFTP

AKO IDE INTERFON

LiHH: 1 x 3 x 0.75mm² za INTERFON (A), TCS, ILI
LiHH: 1 x nn x 0.nmm² za INTERFON (A), PO IZBORU

- ② **RAMPA (A) do RO (A)**
SiSi-J: 1 x 3 x 1.5mm² za RAMPU (A)
LIHCH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
2 x UTP/SFTP

- ③ **SEMAFOR (A) do RO (A)**
SiSi-J: 1 x 3 x 1.00mm²

- ④ **CAB. (B) do RO (B)**
TUTIN NEMA CAB. (B)

- ⑤ **RAMPA (B) do RO (B)**
SiSi-J: 1 x 3 x 1.5mm²
LIHCH FE 180 E 90: 1 x 2 x 0.75mm²
LiHH: 2 x 7 x 0.50mm²
1 x UTP/SFTP

- ⑥ **SEMAFOR (B) do RO (B)**
SiSi-J: 1 x 3 x 1.00mm²

- ⑦ **od RO (A) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 2 x 7 x 0.50mm²
3 x UTP/SFTP

- ⑧ **od RO (B) do RO (C)**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm²
LIHCH FE 180 E 90: 1 x 2 x 0.75mm² (Važi samo za TUTIN)
2 x UTP/SFTP

- ⑨ **od RO (C) do NAPLATA**
SiSi-J: 1 x 3 x 1.50mm² (ili 2.50mm²)
LiHH: 1 x 7 x 0.50mm²
4 x UTP/SFTP

AKO IDE INTERFON

LiHH: 1 x 2 x 0.75mm² za INTERFON (A), TCS
LiHH: 1 x nn x 0.nmm² za INTERFON (A), PO IZBORU

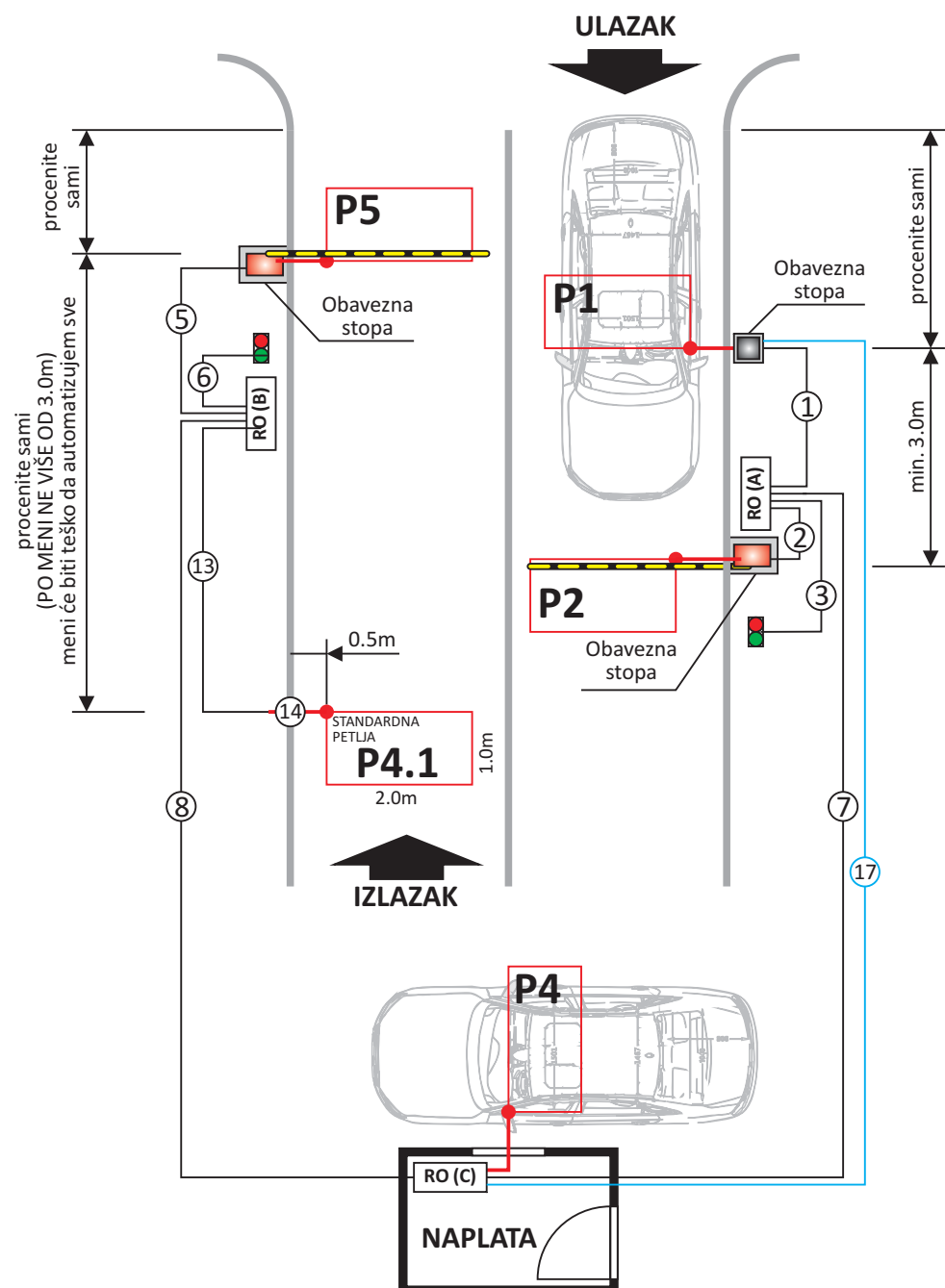
- ⑩ **od RO (C) do MONITORINGA**
LiHH: 1 x 7 x 0.50mm²
3 x UTP/SFTP
INTERFON, AKO SE POSTAVLJA
LiHH: 2 x 2 x 0.75mm² za INTERF. SLUŠALICE TCS (A I B), ILI
LiHH: N x N x 0.NNmm² za INTERF. SLUŠALICE (A I B) KOJE ODABERE KUPAC

- ⑪ **RAMPA (A) do FOTO ČELIJE (A)**
LiHH: 1 x 4 x 0.50mm²

- ⑫ **RAMPA (B) do FOTO ČELIJE (B)**
LiHH: 1 x 4 x 0.50mm²

- ⑬ **OD P4.1 DO RO(B)** LIHCH FE 180 E 90: 1 x 2 x 0.75mm²
(Važi samo za TUTIN)

- ⑭ **OBAVEZNO "UPRESTI" SILIKONSKI OD PETLJE DO IVIČNJAKA**
NASTAVITI DALJE SA: LIHCH FE 180 E 90: 1 x 2 x 0.75mm²
VAŽI ZA SVAKU PETLJU

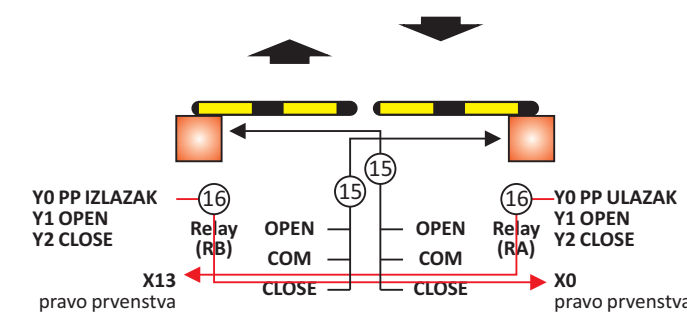


KABLAŽA - NAPOMENA

za sve definisane kablove, može alternativa ako treba trošiti neke zalihe itd.

Jedino ne bih voleo staviti alternativu za LIHCH FE 180 E 90: 1 x 2 x 0.75mm²

OBAVEZNO, JASNO OBELEŽITI KABLOVE!



SINHRONIZACIJA RAMPI - TUTIN

- IZMENE, DODATNO KABLIARANJE
- IZMENJEN SOFTWARE

- ⑮ LiHH: 1 x 3 x 0.50mm²

- ⑯ LiHH: 1 x 2 x 0.50mm²

- ⑰ 1 x UTP (Draka)

