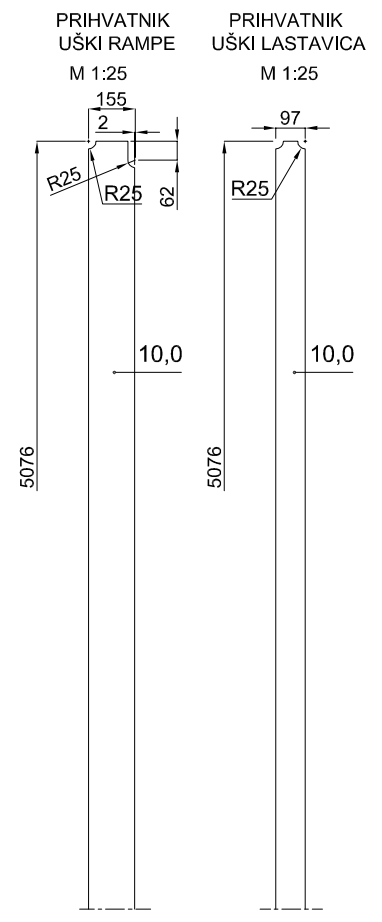
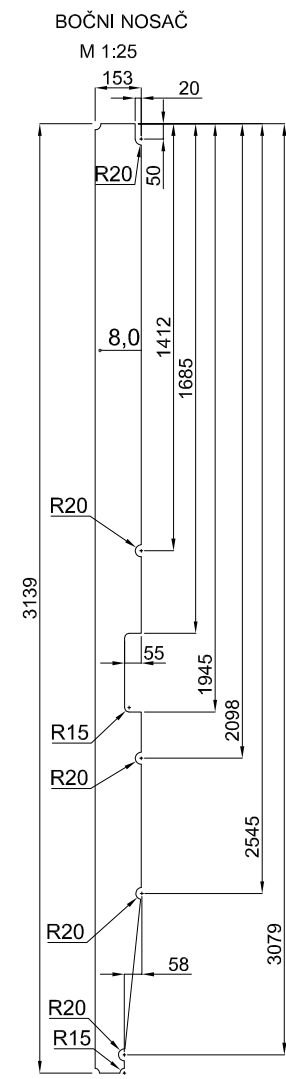
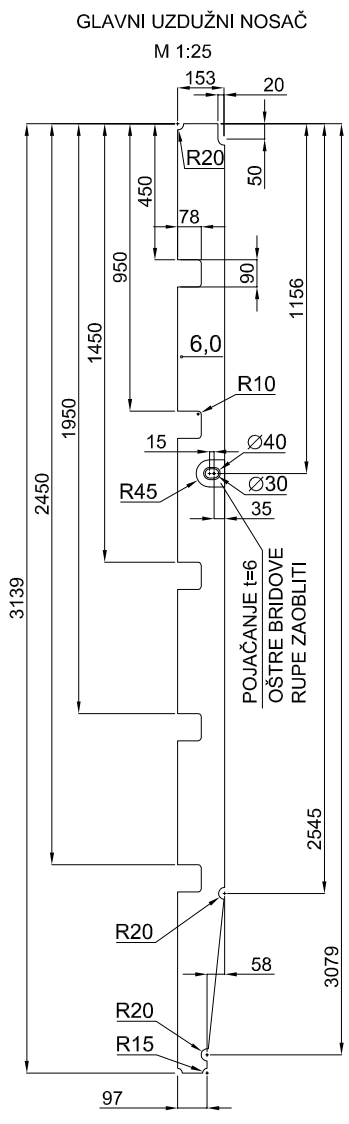
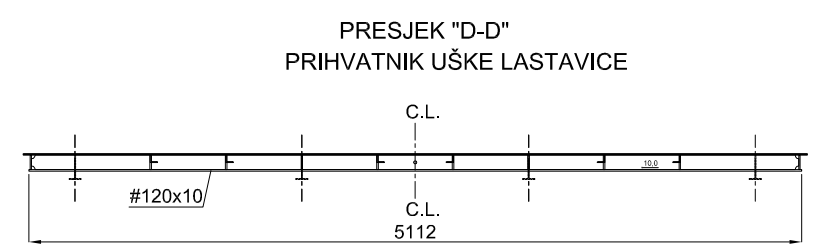
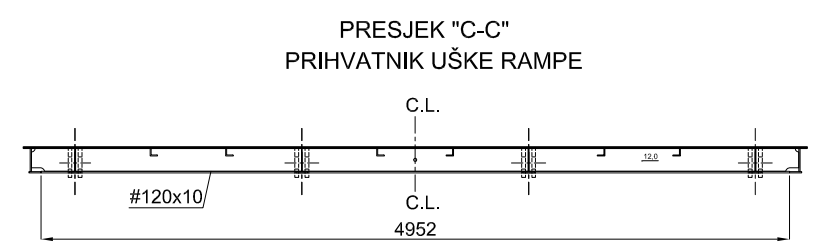
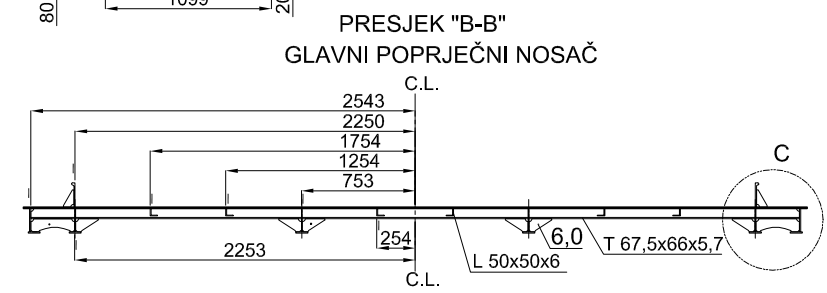
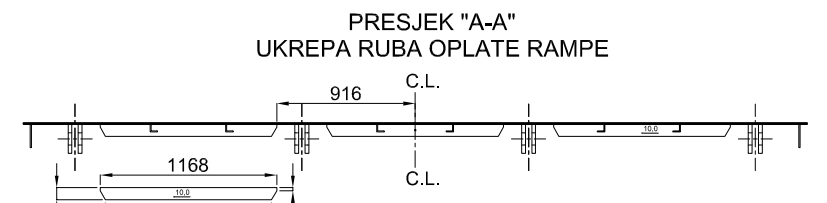
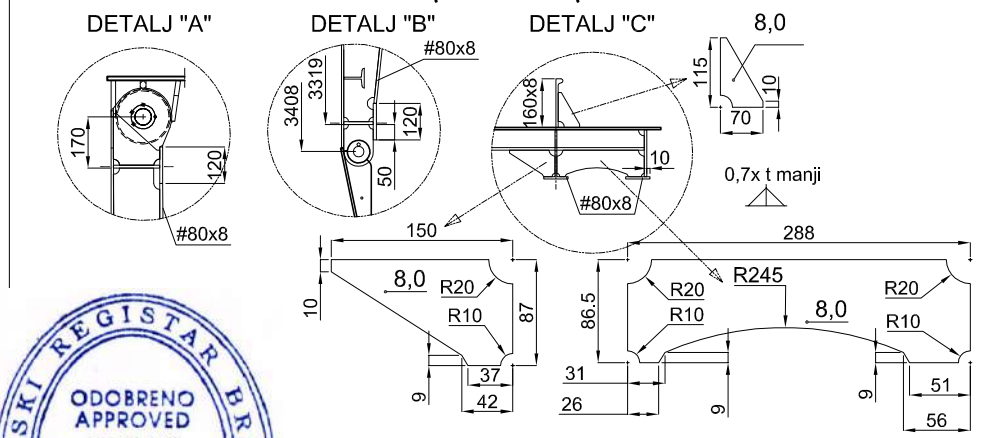
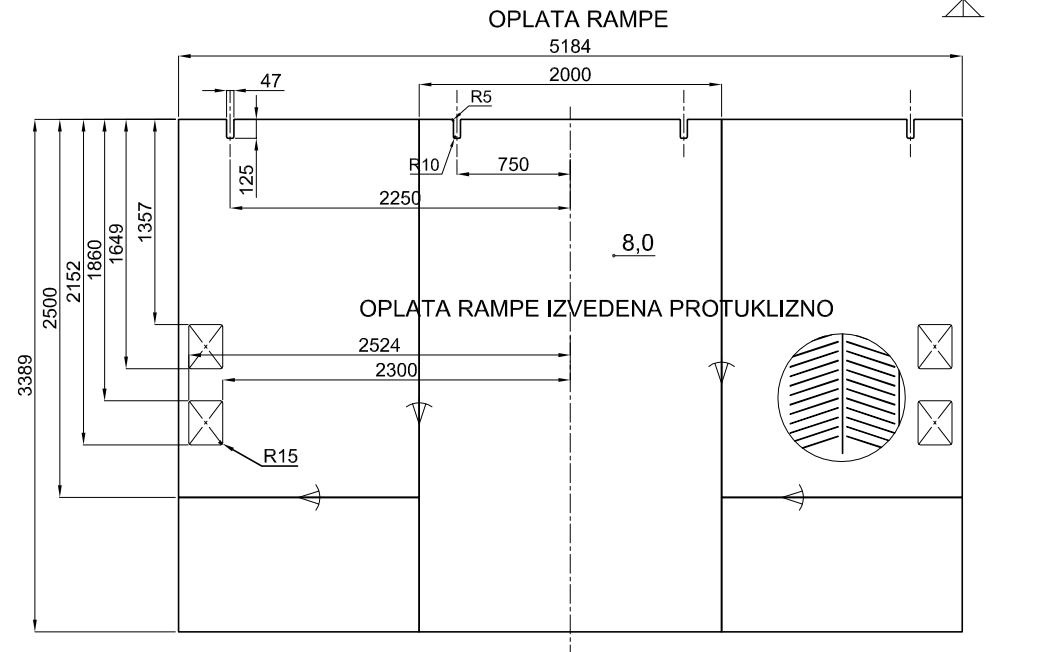
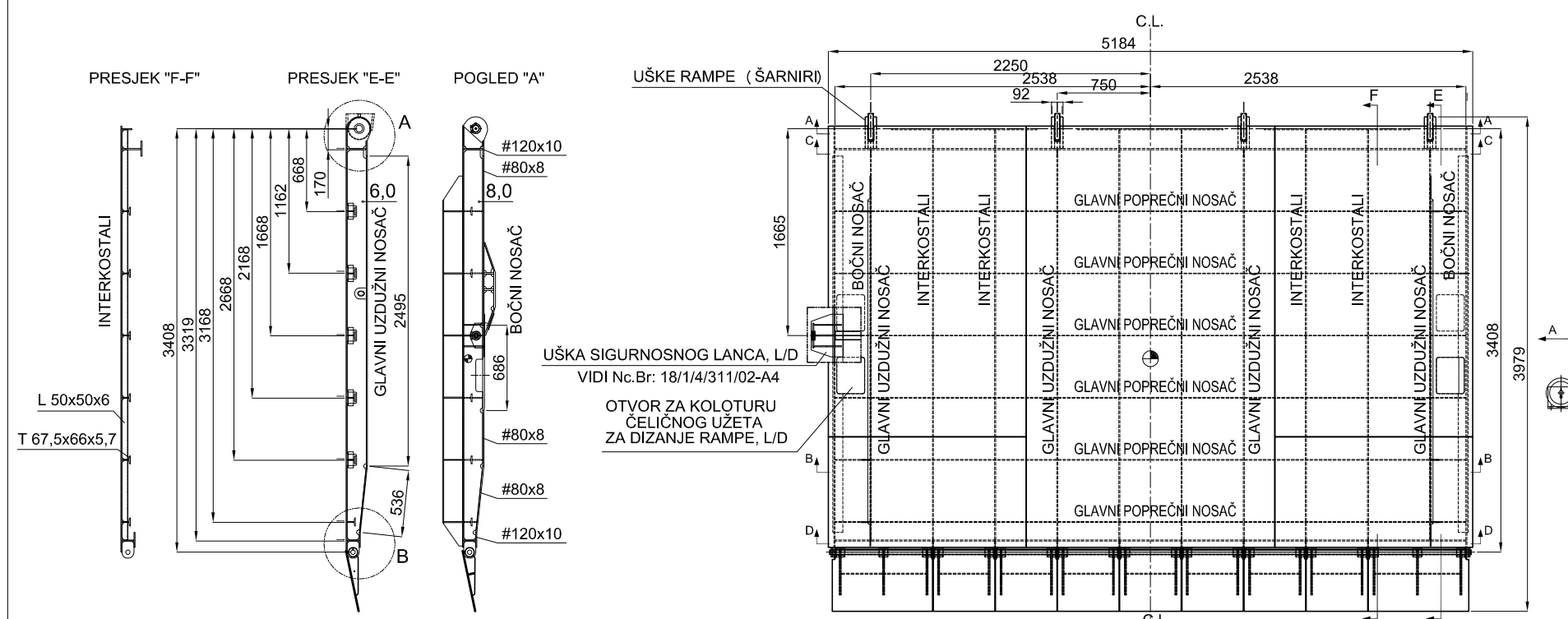




M. W L

GRADITELJ:									
OBJEKT: SKELA KRIŽNICA									
				Datum	Ime	Naziv nacrt:		Mjerilo:	
				18.04.2019	Lj.Čubrilo.dipl.ing.	RAMPA- STRUKTURA			
				18.04.2019	Lj.Čubrilo.dipl.ing.				
						STIL d.o.o.		Broj nacrt: 18/1/4/311/00	
A	Dopunjen Det.'A'	19.09.2019	Lj.Čubrilo.dipl.ing.			Broj projekta: 10067/18B		Izdanje: A	
Index	Izmjene	Datum	Ime	FILOMAR d.o.o.					

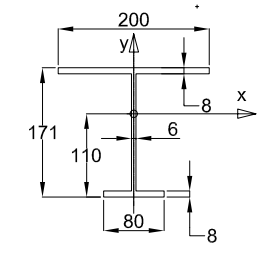
0,7x t manji



M. W L

PRORAČUN GLAVNOG UZDUŽNOG NOSAČA RAMPE

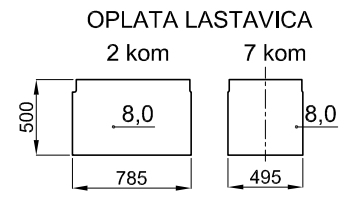
$P = 2,5t = 24,53 \text{ kN}$
 $L = 3,41 \text{ m}$
 $R_a = R_b = P/2 = 12,27 \text{ kN}$
 $M_{max} = R_a \times L/2 = 20,92 \text{ kNm}$
 $\sigma_{dop} = 190 \text{ N/mm}^2$
 $W_{min} = 110105 \text{ mm}^3$
 $W_{min} = 110,105 \text{ cm}^3$
 $I = 1482,15 \text{ cm}^4$
 $W = 134,74 \text{ cm}^3$



PROVJERA NOSAČA NA SMIK NA TEŽIŠNOJ OSI

$Q = 24,53 \text{ kN}$
 $A = 1253 \text{ mm}^2$
 $h = 79 \text{ mm}$
 $S = 98987 \text{ mm}^3$
 $\tau_{dop} = 110 \text{ N/mm}^2$
 $t_{min} = 1,5 \text{ mm}$
 $t = 6 \text{ mm}$

GLAVNI POPREČNI NOSAČ RAMPE JEDNAK UZDUŽNJAKU PALUBE SKELE
 INTERKOSTAL RAMPE JEDNAKI INTERKOSTALU PALUBE SKELE
 OPLATA RAMPE JEDNAKA OPLATI PALUBE SKELE



VIDI NACRT Br: 18/1/4/311/01-A4
 ZA DET. "A" VIDI NACRT : 18/1/4/200/03-A3, LIST 7 OD 9,
 MATERIJAL GRADNJE: BRODOGRAĐEVNI ČELIK KLASA "A"

GRADITELJ:		OBJEKT: SKELA KRIŽNICA	
Index	Izmjene	Datum	Ime
		18.04.2019	Lj. Čubrilo, dipl.ing.
		18.04.2019	Lj. Čubrilo, dipl.ing.
Povećana debljina prihvata uški rampe na 12mm, oznaka "A" Dopunjen Det."A"		19.09.2019	Lj. Čubrilo, dipl.ing.
STIL d.o.o.		Broj nacrt: 18/1/4/311/00-A3	
FILOMAR d.o.o.		Broj projekta: 10067/18B	
Naziv nacrt: RAMPA- STRUKTURA			Mjerilo: M 1:50
Izdavanje: 2			A