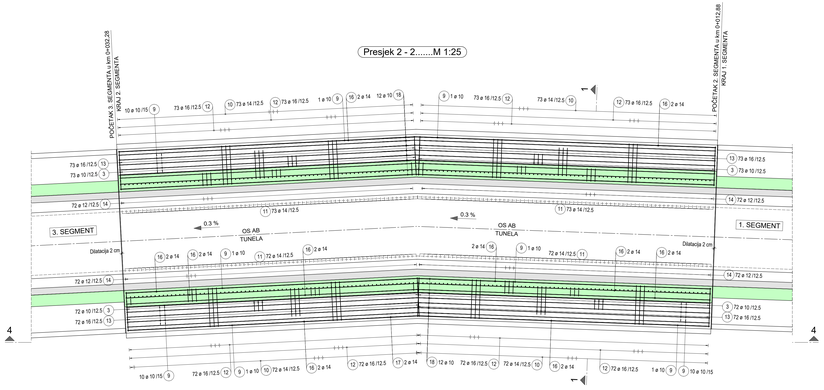
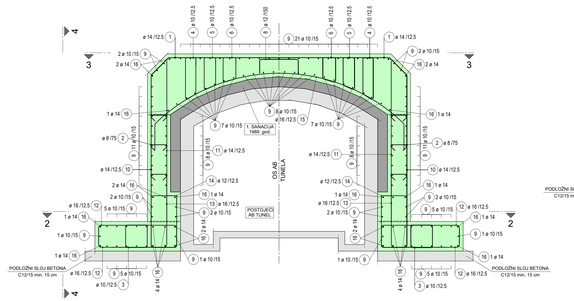
ARMATURNI NACRT OJAČANJA POSTOJEĆEG AB TUNELA - 2. SEGMENT

C30/37, c_{nom} = 5,0 cm

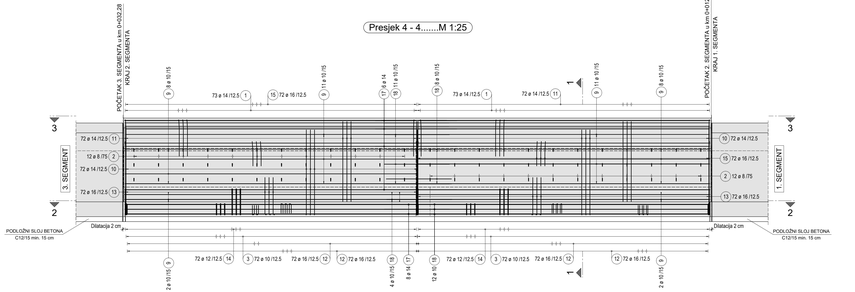
Presjek 2 - 2.....M 1:25



Presjek 1 - 1.....M 1:25

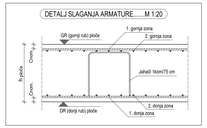


Presjek 4 - 4.....M 1:25

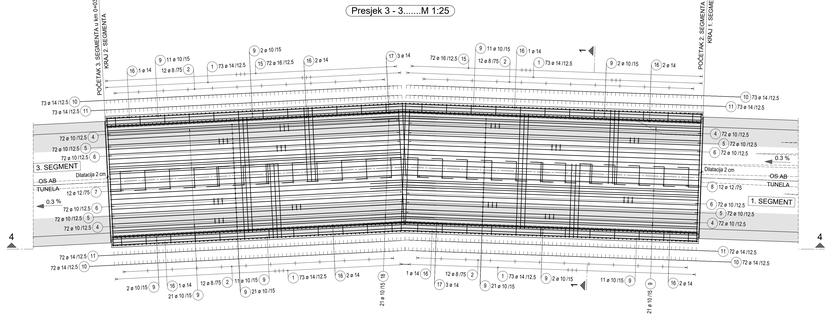


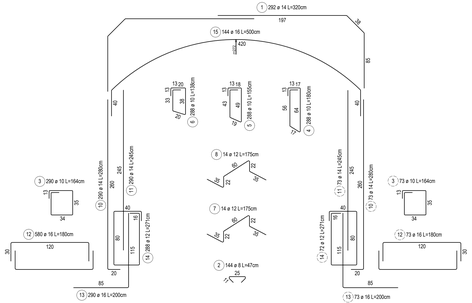
Preklop armature u cm		
C30/37	dobra prijanjanje	loša prijanjanje
ø10	≥ 34	≥ 76
ø12	≥ 40	≥ 92
ø14	≥ 75	≥ 107
ø16	≥ 86	≥ 122

DETALJ SLAGANJA ARMATURE.....M 1:20

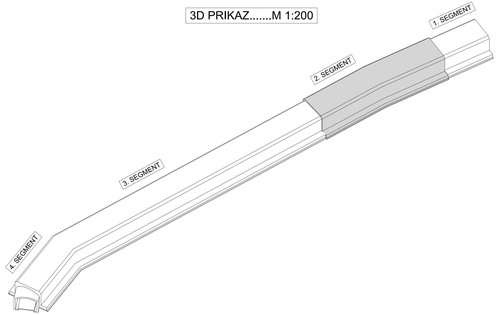


Presjek 3 - 3.....M 1:25

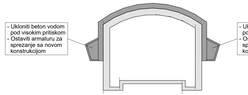




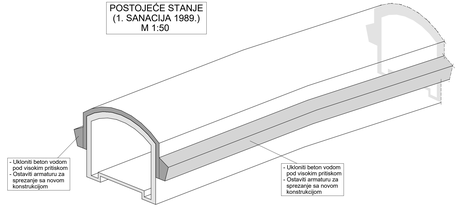
3D PRIKAZ.....M 1:200



POSTOJEĆE STANJE (1. SANACIJA 1989.) M 1:50



POSTOJEĆE STANJE (1. SANACIJA 1989.) M 1:50



Lista šipki sa savijanjem

Poz.	Kom	#	Jedinična duljina [m]	Mjere savijanja (van mjerila)	Ukupna duljina [m]	Težina [kg]
	[mm]					
1	292	14	3.20	107 / 21 / 21 / 25	934.40	1130.62
2	144	8	0.47	25	67.68	26.73
3	290	10	1.64	34 / 34 / 34	475.60	293.45
4	288	10	1.80	44 / 18 / 18 / 32	518.40	319.85
5	288	10	1.55	39 / 14 / 14 / 32	446.40	275.43
6	288	10	1.38	43 / 18 / 18 / 32 / 32	397.44	245.22
7	14	12	1.75	40 / 21 / 21 / 32	24.50	21.76
8	14	12	1.75	40 / 21 / 21 / 32	24.50	21.76
9	234	10	8.90	890	2082.60	1284.96
10	290	14	2.80	280	812.00	982.52
11	290	14	2.45	245	710.50	859.71
12	580	16	1.80	120 / 30 / 30	1044.00	1649.52
13	290	16	2.00	115 / 30 / 30	580.00	916.40
14	288	12	2.71	80 / 40 / 40	780.48	693.07
15	144	16	5.00	420 / 40 / 40	720.00	1137.60
16	56	14	8.90	890	498.40	603.06
17	28	14	2.50	124 / 12 / 12 / 125 / 36 / 12 / 12	70.00	84.70
18	117	10	2.00	125 / 36 / 12 / 12 / 100	234.00	144.38
19	244	10	1.00	75	244.00	150.55
				Ukupna težina [kg]:	10841.28	

OBRADA RADNIH REŠKI:

1. PRIJE POSTAVLJANJA SVIJEŽEG BETONA NA RADNOJ REŠKI UKLONITI POVRŠINSKI SLOJ BETONA.
2. PJESKARENJEM ILI DRUGIM METODAMA OBRADITI RADNU REŠKU DO POJAVE ČISTOG AGREGATA.
3. SVE RADNE REŠKE NEPOSREDNO PRIJE BETONIRANJA ISPRATI VODOM I OSTAVITI DA SE OSUŠI.
4. POVRŠINA BETONA NA RADNOJ REŠCI MORA OSTATI GRUBO OBRAĐENA.
5. PRIJE BETONIRANJA RADNU REŠKU ZALITI CEMENTNIM MLJEKOM.
6. PREDUZETI MJERE IZBJEGAVANJA SEGREGACIJE, OSOBITO KOD HORIZONTALNIH RADNIH REŠKI.

NAPOMENE:

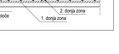
- Sve dimenzije prekontrolirati na gradilištu i po potrebi korigirati u slučaju prevelikih odstupanja.
- Temeljnu ploču polagati na minimalno 15 cm izravnavajućeg sloja mršavog betona.
- Uz postojeći zid potrebno je dobro zbiti podlogu tla, minimalno Ms=80 MM/m².

KVALITETA BETONA.....C30/37 (XF1)
DIN EN 1992-1-1

ŠIPKE: B500B-R

ZAŠTITNI SLOJ 5 cm

Proračun savijanja šipki: R_{min}

Min. vrijednost promjera za savijanje kuka, ušica		Min. vrijednost promjera za savijanje ostalih zakrivljenih šipki	
	Promjer šipke mm		>100 mm : 7 Φ
	Φ < 20		7 Φ
	4 Φ		<50 mm : +3 Φ
	Φ ≥ 20		15 Φ
	7 Φ		<50 mm : +5 Φ
			20 Φ

Instalacije grafički preuzete
Katastarski podaci grafički preuzeti

INVESTITOR:	HRVATSKE CESTE d.o.o. Vončina 3, Zagreb	
GRAĐEVINA:	OBILAZNICA GRADA BUZETA u duljini oca 1200 m	PRILOG br: 2.2.
		VRSTA PROJEKTA: GRAĐEVINSKI PROJEKT
		RAZINA OBRADE: IZVEDBENI PROJEKT
OLAVIR PROJEKTANT:		NAZIVLJ: ARMATURNI NACRT OJAČANJA POSTOJEĆEG AB TUNELA - 2. SEGMENT
PROJEKTANT:		MJERILO: 1:25/50
SURADNICI:		DATUM: studeni 2022

Koordinatni sustav HTRS96 - Sistem ušća HN

VIŠ = 594 / 1569 (0.93m2)