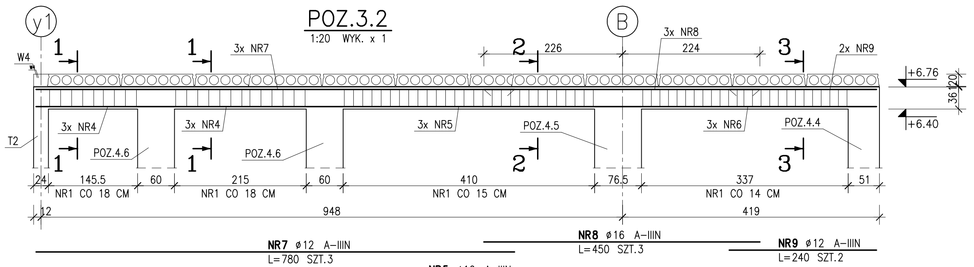
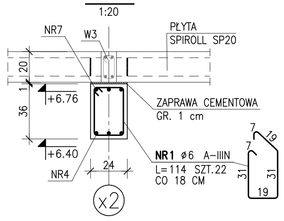
POZ.3.2
1:20 WYK. x 1

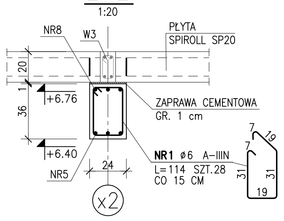


NR7 ø12 A–IIIN L=780 SZT.3
NR8 ø16 A–IIIN L=450 SZT.3
NR9 ø12 A–IIIN L=240 SZT.2
NR4 ø12 A–IIIN L=470 SZT.3
NR5 ø16 A–IIIN L=480 SZT.3
NR6 ø16 A–IIIN L=420 SZT.3

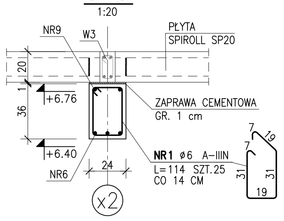
1–1
1:20



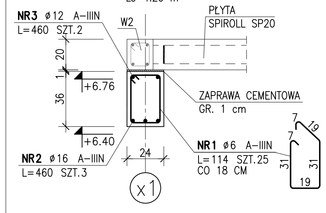
2–2
1:20



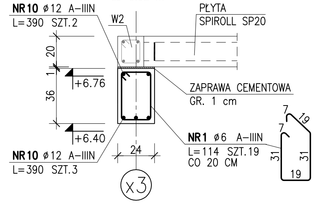
3–3
1:20



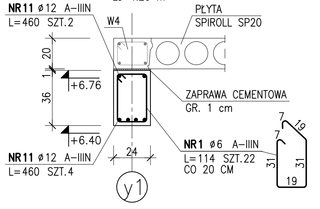
POZ.3.1
1:20 WYK. x 1
Ls=4.20 m



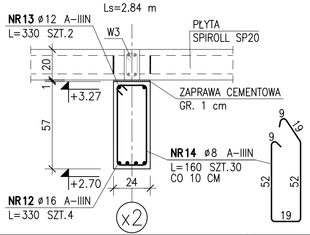
POZ.3.3
1:20 WYK. x 1
Ls=3.52 m



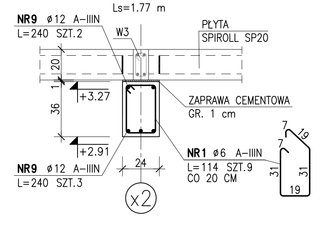
POZ.3.4
1:20 WYK. x 1
Ls=4.20 m



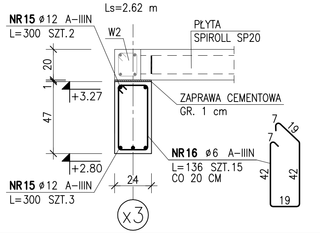
POZ.3.5
1:20 WYK. x 1
Ls=2.84 m



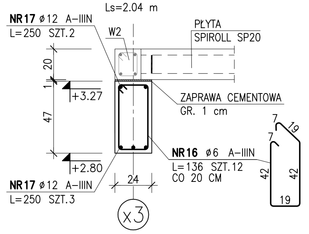
POZ.3.6
1:20 WYK. x 1
Ls=1.77 m



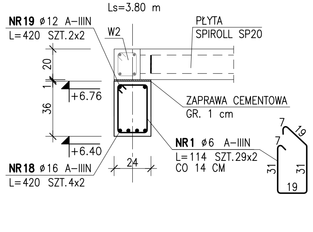
POZ.3.7
1:20 WYK. x 1
Ls=2.62 m



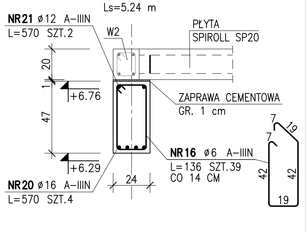
POZ.3.8
1:20 WYK. x 1
Ls=2.04 m



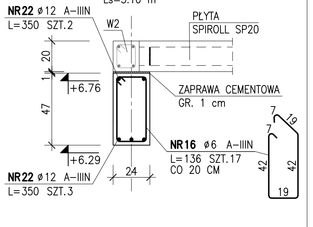
POZ.3.10
1:20 WYK. x 2
Ls=3.80 m



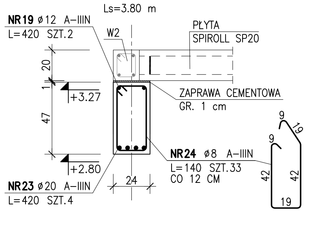
POZ.3.11
1:20 WYK. x 1
Ls=5.24 m



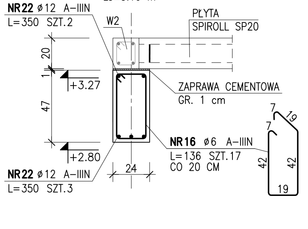
POZ.3.12
1:20 WYK. x 1
Ls=3.10 m



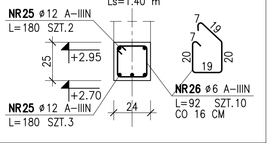
POZ.3.13
1:20 WYK. x 1
Ls=3.80 m



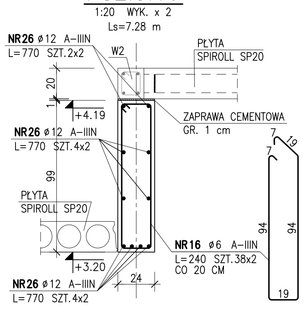
POZ.3.14
1:20 WYK. x 1
Ls=3.10 m



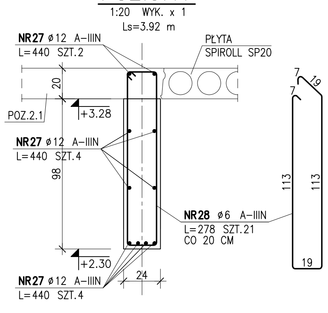
POZ.3.15
1:20 WYK. x 1
Ls=1.40 m



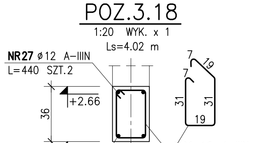
POZ.3.16
1:20 WYK. x 2
Ls=7.28 m



POZ.3.17
1:20 WYK. x 1
Ls=3.92 m

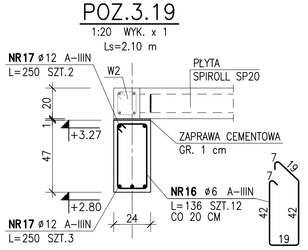


POZ.3.18
1:20 WYK. x 1
Ls=4.02 m

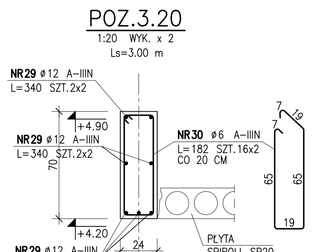


UWAGA:
ŚCIANA NAD POZ.3.18 ODDYLATOWANA OD STROPU POWYŻEJ

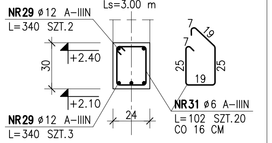
POZ.3.19
1:20 WYK. x 1
Ls=2.10 m



POZ.3.20
1:20 WYK. x 2
Ls=3.00 m



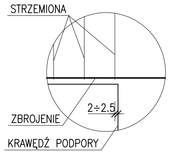
POZ.3.21
1:20 WYK. x 1
Ls=3.00 m



ZESTAWIENIE STALI

POZ.	NR PRĘTA	RODZAJ STALI	DŁUGOŚĆ [cm]	LICZBA SZTUK	DŁ. ŁĄCZNA [m] A–IIIN ø6	ø8	ø12	ø16	ø20	
3.1	1	ø6 A–IIIN	114	25	28.5					
	2	ø16 A–IIIN	460	3				13.8		
	3	ø12 A–IIIN	460	2			9.2			
3.10	1	ø6 A–IIIN	114	58	66.12					
	18	ø16 A–IIIN	420	8				33.6		
	19	ø12 A–IIIN	420	4			16.8			
3.11	16	ø6 A–IIIN	136	39	53.04					
	20	ø16 A–IIIN	570	4				22.8		
	21	ø12 A–IIIN	570	2			11.4			
3.12	16	ø6 A–IIIN	136	17	23.12					
	22	ø12 A–IIIN	350	5			17.5			
3.13	19	ø12 A–IIIN	420	2			8.4			
	23	ø20 A–IIIN	420	4					16.8	
	24	ø6 A–IIIN	140	33		46.2				
3.14	16	ø6 A–IIIN	136	17	23.12					
	22	ø12 A–IIIN	350	5			17.5			
3.15	25	ø12 A–IIIN	180	5			9			
3.16	26	ø6 A–IIIN	92	10	9.2					
	16	ø6 A–IIIN	240	76	182.4					
	26	ø12 A–IIIN	770	20			154			
	27	ø12 A–IIIN	440	10			44			
3.17	28	ø6 A–IIIN	278	21	58.38					
3.18	1	ø6 A–IIIN	114	22	25.08					
	27	ø12 A–IIIN	440	4			17.6			
3.19	16	ø6 A–IIIN	136	12	16.32					
	17	ø12 A–IIIN	250	5			12.5			
3.2	1	ø6 A–IIIN	114	75	85.5					
	4	ø12 A–IIIN	470	3			14.1			
	5	ø16 A–IIIN	480	3				14.4		
	6	ø16 A–IIIN	420	3				12.6		
	7	ø12 A–IIIN	780	3			23.4			
	8	ø16 A–IIIN	450	3				13.5		
	9	ø12 A–IIIN	240	2			4.8			
3.20	29	ø12 A–IIIN	340	14			47.6			
	30	ø6 A–IIIN	182	32	58.24					
3.21	29	ø12 A–IIIN	340	5			17			
	31	ø6 A–IIIN	102	20	20.4					
3.3	1	ø6 A–IIIN	114	19	21.66					
	10	ø12 A–IIIN	390	5			19.5			
3.4	1	ø6 A–IIIN	114	22	25.08					
	11	ø12 A–IIIN	460	6			27.6			
3.5	14	ø8 A–IIIN	160	30		48				
3.6	1	ø6 A–IIIN	114	9	10.26					
	9	ø12 A–IIIN	240	5			12			
	12	ø16 A–IIIN	330	4				13.2		
	13	ø12 A–IIIN	330	2			6.6			
3.7	15	ø12 A–IIIN	300	5			15			
	16	ø6 A–IIIN	136	15	20.4					
3.8	16	ø6 A–IIIN	136	12	16.32					
	17	ø12 A–IIIN	250	5			12.5			
DŁUGOŚĆ RAZEM [m]					743.14	94.2	518	123.9	16.8	
MASA JEDNOSTKOWA [kg/m]					0.222	0.395	0.888	1.578	2.466	
MASA [kg]					164.98	37.21	459.98	195.51	41.43	
MASA OGÓŁEM [kg]					899.11					
WYKONAĆ: x 1					899.11					

DETAL USYTUOWANIA STRZEMION PRZY PODPORACH
1:20



UWAGI:
- OTULINA PRĘTÓW ZBROJENIA – 2.5 cm
- WYMIARY STRZEMION i PRĘTÓW GIĘTYCH PODANO JAKO ZEWNĘTRZNE
- Ls – ROZPIĘTOŚĆ PODCIĄGU LUB BADPROŻA W ŚWIETLE MURU
- NADCIĄG WSPORNIKOWY POZ.3.9 POKAZANO NA RYSUNKU ŚCIANY ŻELBETOWEJ S1

KLASA EKSP. XC1
BETON C25/30 (B30)
maks. średnica kruszywa 16 mm
maks. stosunek w/c 0.50
STAL A–IIIN (B500B), A–0

poziom odniesienia ±0.00

61-611 Poznań ul. Nożownicka 20/367a
tel.: 501 03 44 74 e-mail: biuro@pawelkaleta.com
KALETA Pracownia Projektowa Pawła Kaleta

NAZWA I ADRES OBIEKTU BUDOWLANEGO: ZESPÓŁ SZKÓŁ SPECJALNYCH NR 103
Poznań ul. Kanclerska 31–33
działka nr 8/22, 55/8; ark. 16, 17; obręb Łazarz,

JEDNOSTKA PROJEKTOWA: MICHNOWICZ STASZEWSKI ARCHITEKCI 61-501 POZNAŃ, UL. DĄBRÓWKI 2 b/14 TEL/FAX 61-6497394 WWW.MSA.NET.PL
WYDANIE: w01 2017-05-31

PROJEKTOWAŁ: mgr inż. Maciej Kaleta
UPR. NR WKP/0210/POOK/14 - UPRAWNIENIA BUDOWLANE DO PROJEKTOWANIA BEZ OGRANICZEŃ W SPECJALNOŚCI KONSTRUKCYJNO-BUDOWLANEJ
OPRACOWAŁ: mgr inż. Maciej Kaleta
DATA I PODPIS: 05.2017

TREŚĆ RYSUNKU: PODCIĄGI I NADPROŻA ŻELBETOWE
RYSUNEK NR: KW24

BRANŻA: konstrukcja | STADIUM: proj. wykonawczy | INDEX: 0439 | DATA: 05.2017 | SKALA: 1:20