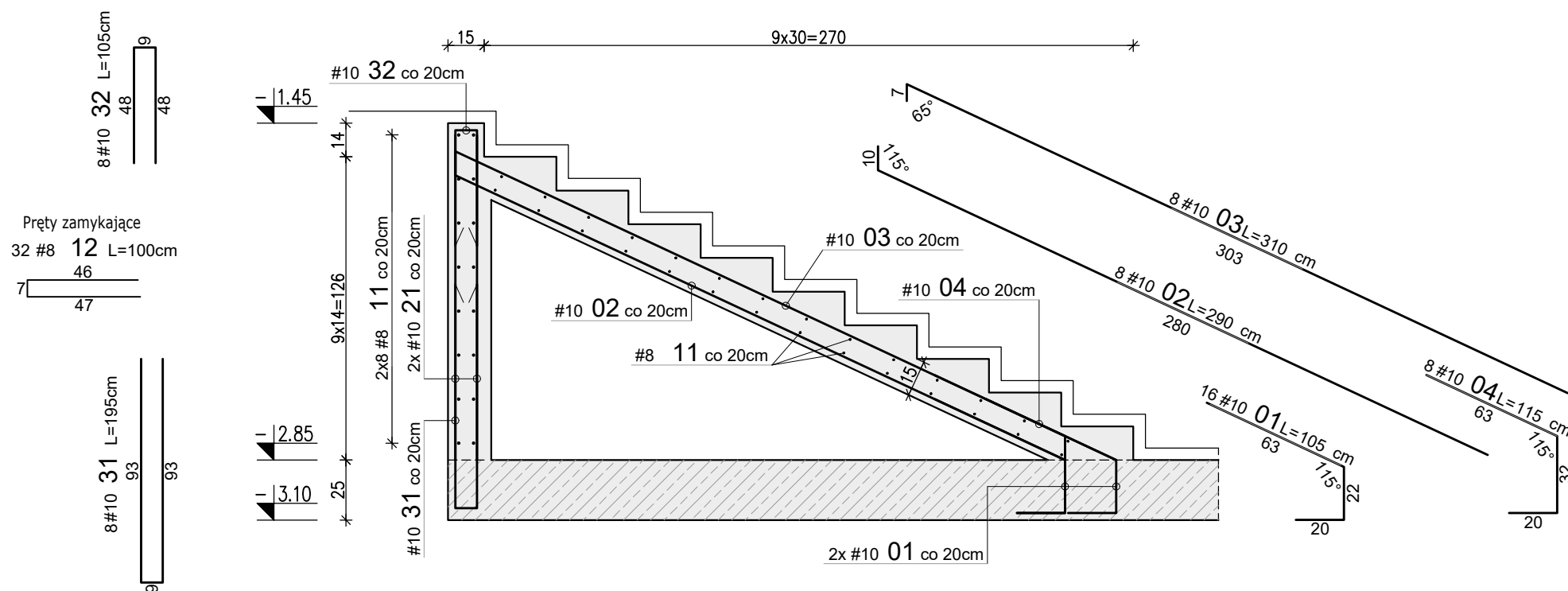


ZBROJENIE SCHODÓW ZEWNĘTRZNYCH DO PIWNICY



WYKAZ STALI ZBROJENIOWEJ						
Nr	#	Długość /cm/	Ilość /szt./	A-IIIIN (B500SP) / m /		Typ pręta
				#8	#10	
1	10	105	16		16,80	
2	10	290	8		23,20	
3	10	310	8		24,80	
4	10	115	8		9,20	
-	-	-	-			-
11	8	170	44	74,80		prosty
12	8	100	44	44,00		U
-	-	-	-			-
21	10	135	16		21,60	U
-	-	-	-			-
31	10	195	8		15,60	U
32	10	105	8		8,40	U
Długość razem [m]				118,8	119,6	
Ciężar jednostkowy [kg/m]				0,395	0,617	
Ciężar wg średnic [kg]				46,9	73,8	
Ciężar razem 1 szt. [kg]				121		
Ciężar razem szt.				1		
				121		[kg]

Uwagi:

- Rysunek rozpatrywać łącznie z projektem architektury i opisem technicznym.
- Beton należy wibrować mechanicznie.
- Minimalna długość zakładu dla prętów #6-30cm; #8-40cm; #10-50cm; #12-60cm; #16-80cm.
- Na warstwy wykończeniowe założono 5cm.
- Pręty nr 05 ułożyć na wolnej krawędzi płyty.

WYMIAROWANIE PRĘTÓW: 		Haki półokrągłe, haki proste, pętle		Pręty odgięte lub inne pręty zagięte		Minimalne odstępy między prętami			Stal: A-IIIN (np. B500SP) Beton: C30/37(B37) W6,F150 Kl. ekspozycji: XC4/XF4 Otulina: 5.0/3.0 cm	
Srednica prętów		Min. odległość między prętami		Min. odległość między prętami		Min. odległość między prętami				
#20mm		#20mm		#20mm		#20mm				
#22mm		#22mm		#22mm		#22mm				
#25mm		#25mm		#25mm		#25mm				
#28mm		#28mm		#28mm		#28mm				
#32mm		#32mm		#32mm		#32mm				
#36mm		#36mm		#36mm		#36mm				
#40mm		#40mm		#40mm		#40mm				
#45mm		#45mm		#45mm		#45mm				
#50mm		#50mm		#50mm		#50mm				
#55mm		#55mm		#55mm		#55mm				
#60mm		#60mm		#60mm		#60mm				
#65mm		#65mm		#65mm		#65mm				
#70mm		#70mm		#70mm		#70mm				
#75mm		#75mm		#75mm		#75mm				
#80mm		#80mm		#80mm		#80mm				
#85mm		#85mm		#85mm		#85mm				
#90mm		#90mm		#90mm		#90mm				
#95mm		#95mm		#95mm		#95mm				
#100mm		#100mm		#100mm		#100mm				
#105mm		#105mm		#105mm		#105mm				
#110mm		#110mm		#110mm		#110mm				
#115mm		#115mm		#115mm		#115mm				
#120mm		#120mm		#120mm		#120mm				
#125mm		#125mm		#125mm		#125mm				
#130mm		#130mm		#130mm		#130mm				
#135mm		#135mm		#135mm		#135mm				
#140mm		#140mm		#140mm		#140mm				
#145mm		#145mm		#145mm		#145mm				
#150mm		#150mm		#150mm		#150mm				
#155mm		#155mm		#155mm		#155mm				
#160mm		#160mm		#160mm		#160mm				
#165mm		#165mm		#165mm		#165mm				
#170mm		#170mm		#170mm		#170mm				
#175mm		#175mm		#175mm		#175mm				
#180mm		#180mm		#180mm		#180mm				
#185mm		#185mm		#185mm		#185mm				
#190mm		#190mm		#190mm		#190mm				
#195mm		#195mm		#195mm		#195mm				
#200mm		#200mm		#200mm		#200mm				
#205mm		#205mm		#205mm		#205mm				
#210mm		#210mm		#210mm		#210mm				
#215mm		#215mm		#215mm		#215mm				
#220mm		#220mm		#220mm		#220mm				
#225mm		#225mm		#225mm		#225mm				
#230mm		#230mm		#230mm		#230mm				
#235mm		#235mm		#235mm		#235mm				
#240mm		#240mm		#240mm		#240mm				
#245mm		#245mm		#245mm		#245mm				
#250mm		#250mm		#250mm		#250mm				
#255mm		#255mm		#255mm		#255mm				
#260mm		#260mm		#260mm		#260mm				
#265mm		#265mm		#265mm		#265mm				
#270mm		#270mm		#270mm		#270mm				
#275mm		#275mm		#275mm		#275mm				
#280mm		#280mm		#280mm		#280mm				
#285mm		#285mm		#285mm		#285mm				
#290mm		#290mm		#290mm		#290mm				
#295mm		#295mm		#295mm		#295mm				
#300mm		#300mm		#300mm		#300mm				
#305mm		#305mm		#305mm		#305mm				
#310mm		#310mm		#310mm		#310mm				
#315mm		#315mm		#315mm		#315mm				
#320mm		#320mm		#320mm		#320mm				
#325mm		#325mm		#325mm		#325mm				
#330mm		#330mm		#330mm		#330mm				
#335mm		#335mm		#335mm		#335mm				
#340mm		#340mm		#340mm		#340mm				
#345mm		#345mm		#345mm		#345mm				
#350mm		#350mm		#350mm		#350mm				
#355mm		#355mm		#355mm		#355mm				
#360mm		#360mm		#360mm		#360mm				
#365mm		#365mm		#365mm		#365mm				
#370mm		#370mm		#370mm		#370mm				
#375mm		#375mm		#375mm		#375mm				
#380mm		#380mm		#380mm		#380mm				
#385mm		#385mm		#385mm		#385mm				
#390mm		#390mm		#390mm		#390mm				
#395mm		#395mm		#395mm		#395mm				
#400mm		#400mm		#400mm		#400mm				
#405mm		#405mm		#405mm		#405mm				
#410mm		#410mm		#410mm		#410mm				
#415mm		#415mm		#415mm		#415mm				
#420mm		#420mm		#420mm		#420mm				
#425mm		#425mm		#425mm		#425mm				
#430mm		#430mm		#430mm		#430mm				
#435mm		#435mm		#435mm		#435mm				
#440mm		#440mm		#440mm		#440mm				
#445mm		#445mm		#445mm		#445mm				
#450mm		#450mm		#450mm		#450mm				
#455mm		#455mm		#455mm		#455mm				
#460mm		#460mm		#460mm		#460mm				
#465mm		#465mm		#465mm		#465mm				
#470mm		#470mm		#470mm		#470mm				
#475mm		#475mm		#475mm		#475mm				
#480mm		#480mm		#480mm		#480mm				
#485mm		#485mm		#485mm		#485mm				
#490mm		#490mm		#490mm		#490mm				
#495mm		#495mm		#495mm		#495mm				
#500mm		#500mm		#500mm		#500mm				
#505mm		#505mm		#505mm		#505mm				
#510mm		#510mm		#510mm		#510mm				
#515mm		#515mm		#515mm		#515mm				
#520mm		#520mm		#520mm		#520mm				
#525mm		#525mm		#525mm		#525mm				
#530mm		#530mm		#530mm		#530mm				
#535mm		#535mm		#535mm		#535mm				
#540mm		#540mm		#540mm		#540mm				
#545mm		#545mm		#545mm		#545mm				
#550mm		#550mm		#550mm		#550mm				
#555mm		#555mm		#555mm		#555mm				
#560mm		#560mm		#560mm		#560mm				
#565mm		#565mm		#565mm		#565mm				
#570mm		#570mm		#570mm		#570mm				
#575mm		#575mm		#575mm		#575mm				
#580mm		#580mm		#580mm		#580mm				
#585mm		#585mm		#585mm		#585mm				
#590mm		#590mm		#590mm		#590mm				
#595mm		#595mm		#595mm		#595mm				
#600mm		#600mm		#600mm		#600mm				
#605mm		#605mm		#605mm		#605mm				
#610mm		#610mm		#610mm		#610mm				
#615mm		#615mm		#615mm		#615mm				
#620mm		#620mm		#620mm		#620mm				
#625mm		#625mm		#625mm		#625mm				
#630mm		#630mm		#630mm		#630mm				
#635mm		#635mm		#635mm		#635mm				
#640mm		#640mm		#640mm		#640mm				
#645mm		#645mm		#645mm		#645mm				
#650mm		#650mm		#650mm		#650mm				
#655mm		#655mm		#655mm		#655mm				
#660mm		#660mm		#660mm		#660mm				
#665mm		#665mm		#665mm		#665mm				
#670mm		#670mm		#670mm		#670mm				
#675mm		#675mm		#675mm		#675mm				
#680mm		#680mm		#680mm		#680mm				
#685mm		#685mm		#685mm		#685mm				
#690mm		#690mm		#690mm		#690mm				
#695mm		#695mm		#695mm		#695mm				
#700mm		#700mm		#700mm		#700mm				
#705mm		#705mm		#705mm		#705mm				
#710mm		#710mm		#710mm		#710mm				
#715mm		#715mm		#715mm		#715mm				
#720mm		#720mm		#720mm		#720mm				
#725mm		#725mm		#725mm		#725mm				
#730mm		#730mm		#730mm		#730mm				
#735mm		#735mm		#735mm		#735mm				
#740mm		#740mm		#740mm		#740mm				
#745mm		#745mm		#745mm		#745mm				
#750mm		#750mm		#750mm		#750mm				
#755mm		#755mm		#755mm		#755mm				
#760mm		#760mm		#760mm		#760mm				
#765mm		#765mm		#765mm		#765mm				
#770mm		#770mm		#770mm		#770mm				
#775mm		#775mm		#775mm		#775mm				
#780mm		#780mm		#780mm		#780mm				
#785mm		#785mm		#785mm		#785mm				
#790mm		#790mm		#790mm		#790mm				
#795mm		#795mm		#795mm		#795mm				
#800mm		#800mm		#800mm		#800mm				
#805mm		#805mm		#805mm		#805mm				
#810mm		#810mm		#810mm		#810mm				
#815mm		#815mm		#815mm		#815mm				
#820mm		#820mm		#820mm		#820mm				
#825mm		#825mm		#825mm		#825mm				
#830mm		#830mm		#830mm		#830mm				
#835mm		#835mm		#835mm		#835mm				
#840mm		#840mm		#840mm		#840mm				
#845mm		#845mm		#845mm		#845mm				
#850mm		#850mm		#850mm		#850mm				
#855mm		#855mm		#855mm		#855mm				
#860mm		#860mm		#860mm		#860mm				
#865mm		#865mm		#865mm		#865mm				
#870mm		#870mm		#870mm		#870mm				
#875mm		#875mm		#875mm		#875mm				
#880mm		#880mm		#880mm		#880mm				
#885mm		#885mm		#885mm		#885mm				
#890mm		#890mm		#890mm		#890mm				
#895mm		#895mm		#895mm		#895mm				
#900mm		#900mm		#900mm		#900mm				
#905mm		#905mm		#905mm		#905mm				
#910mm		#910mm		#910mm		#910mm				
#915mm		#915mm		#915mm		#915mm				
#920mm		#920mm		#920mm		#920mm				
#925mm		#925mm		#925mm		#925mm				
#930mm		#930mm		#930mm		#930mm				
#935mm		#935mm		#935mm		#935mm				
#940mm		#940mm		#940mm		#940mm				
#945mm		#945mm		#945mm		#945mm				
#950mm		#950mm		#950mm		#950mm				
#955mm		#955mm		#955mm		#955mm				
#960mm		#960mm		#960mm		#960mm				
#965mm		#965mm		#965mm		#965mm				
#970mm		#970mm		#970mm		#970mm				
#975mm		#975mm		#975mm		#975mm				
#980mm		#980mm		#980mm		#980mm				
#985mm		#985mm		#985mm		#985mm				
#990mm		#990mm		#990mm		#990mm				
#995mm		#995mm		#995mm		#995mm				
#1000mm		#1000mm		#1000mm		#1000mm				
#1005mm		#1005mm		#1005mm		#1005mm				
#1010mm		#1010mm		#1010mm		#1010mm				
#1015mm		#1015mm		#1015mm		#1015mm				
#1020mm		#1020mm		#1020mm		#1020mm				
#1025mm		#1025mm		#1025mm		#1025mm				
#1030mm		#1030mm		#1030mm		#1030mm				
#1035mm		#1035mm		#1035mm		#103				