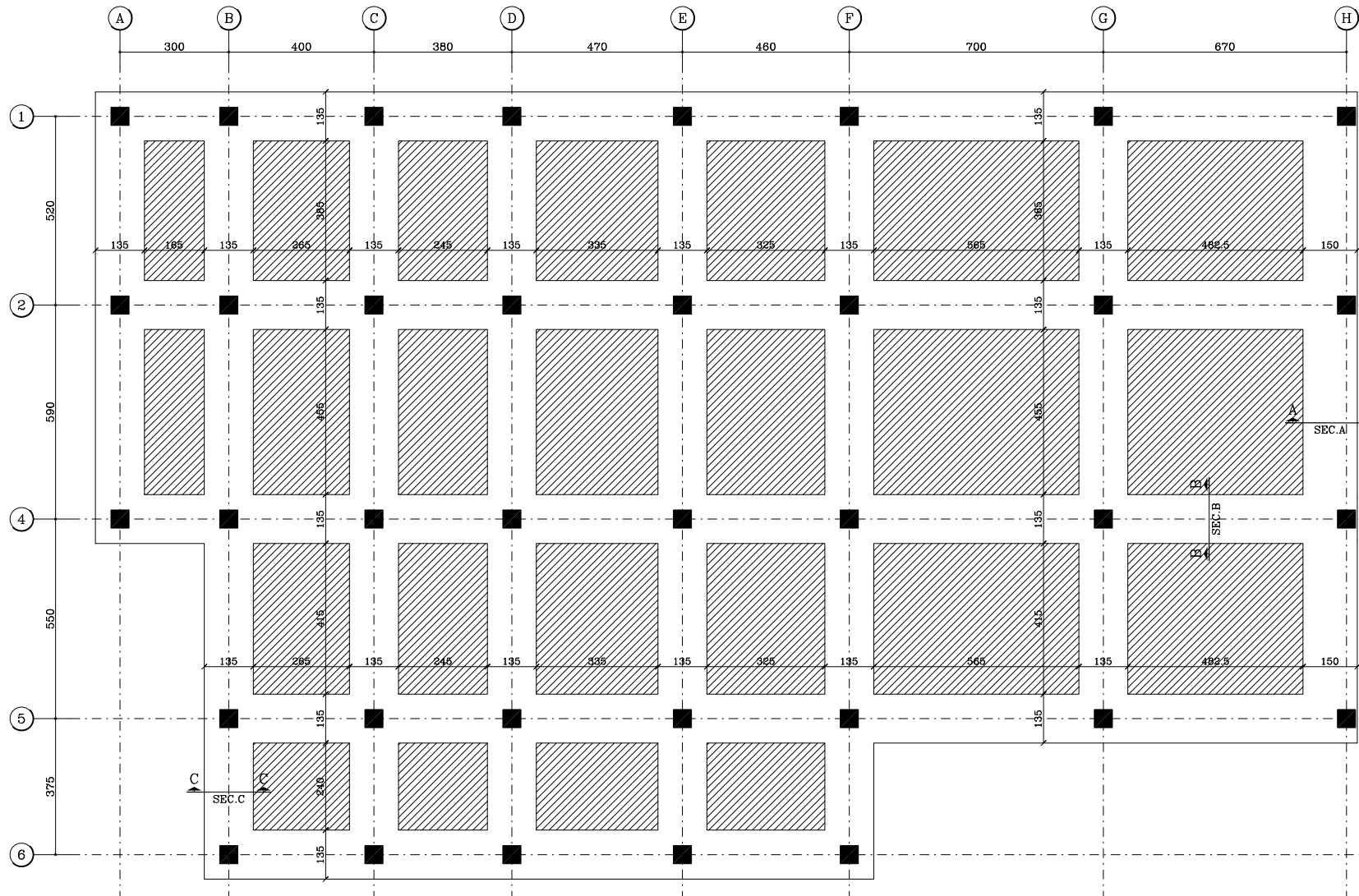


# FOUNDAMATE

DIMENSION DETAILS OF FOUNDATION

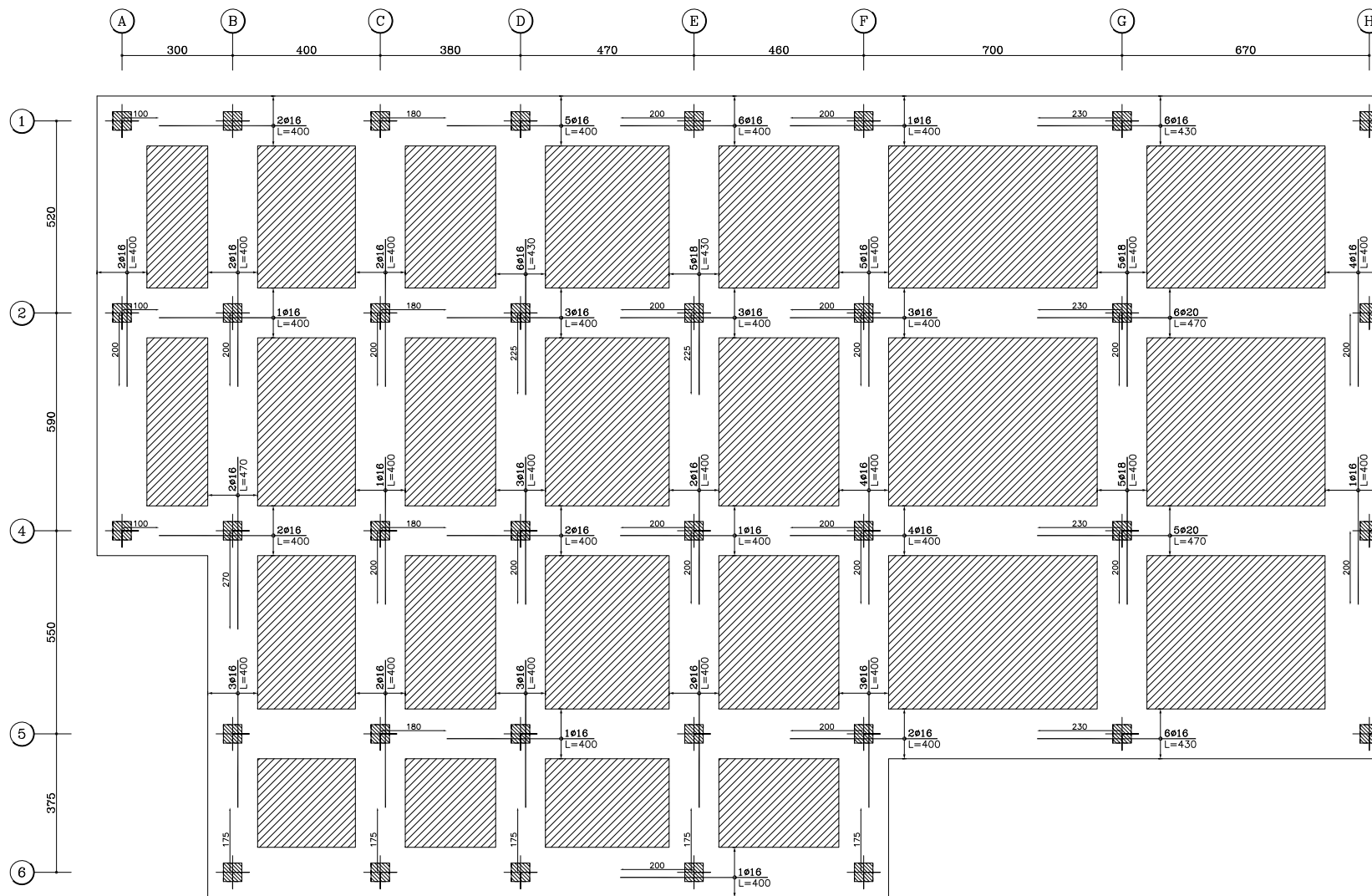


## DIMENSION DETAILS PLAN

FOUNDATION DRAWINGS

# FOUNDAMATE

BOTTOM ADDITIONAL REBARS DETAILS

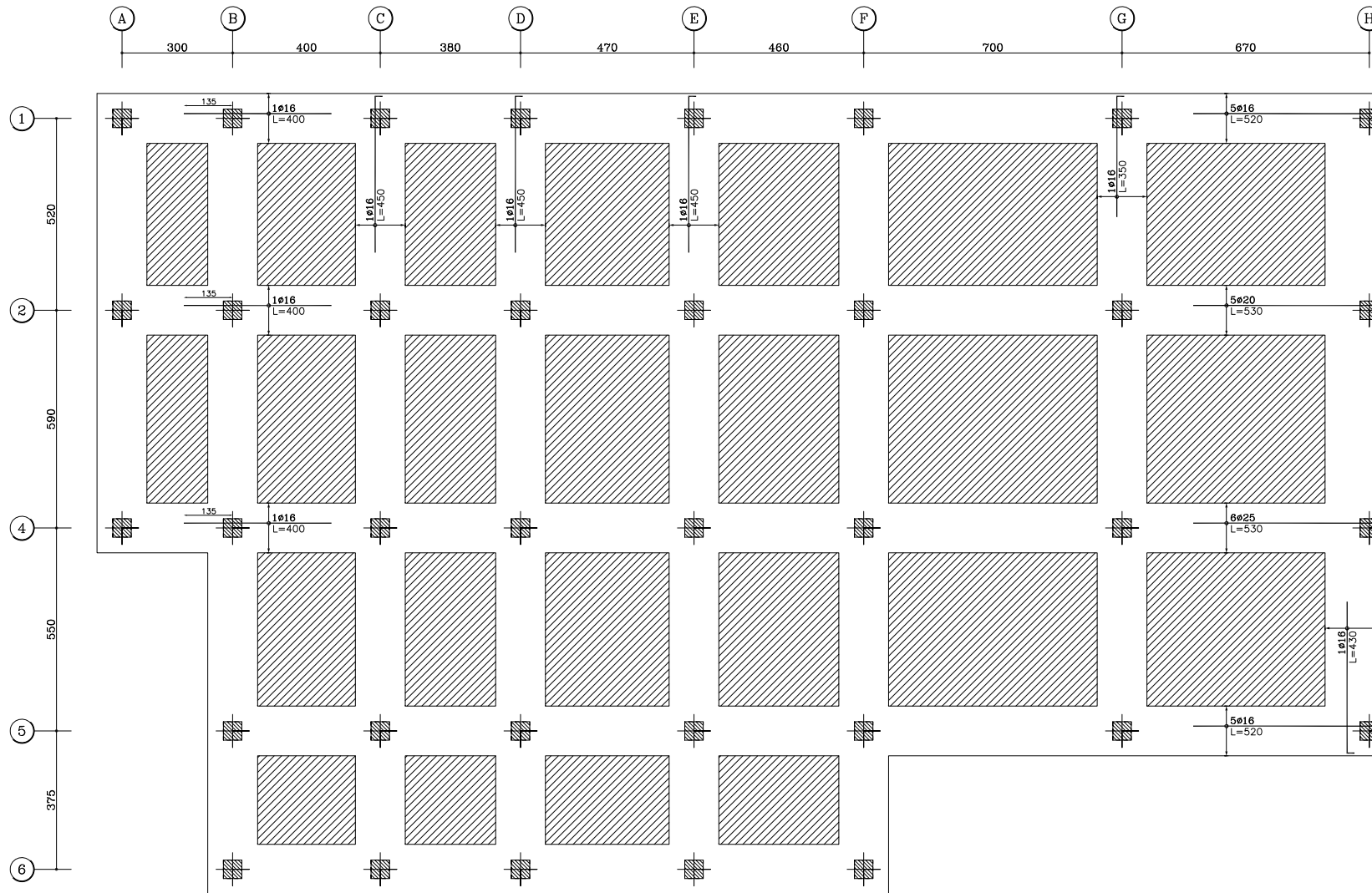


## ■ BOTTOM ADDITIONAL REBARS DETAILS PLAN

FOUNDATION DRAWINGS

# FOUNDAMATE

TOP ADDITIONAL REBARS DETAILS

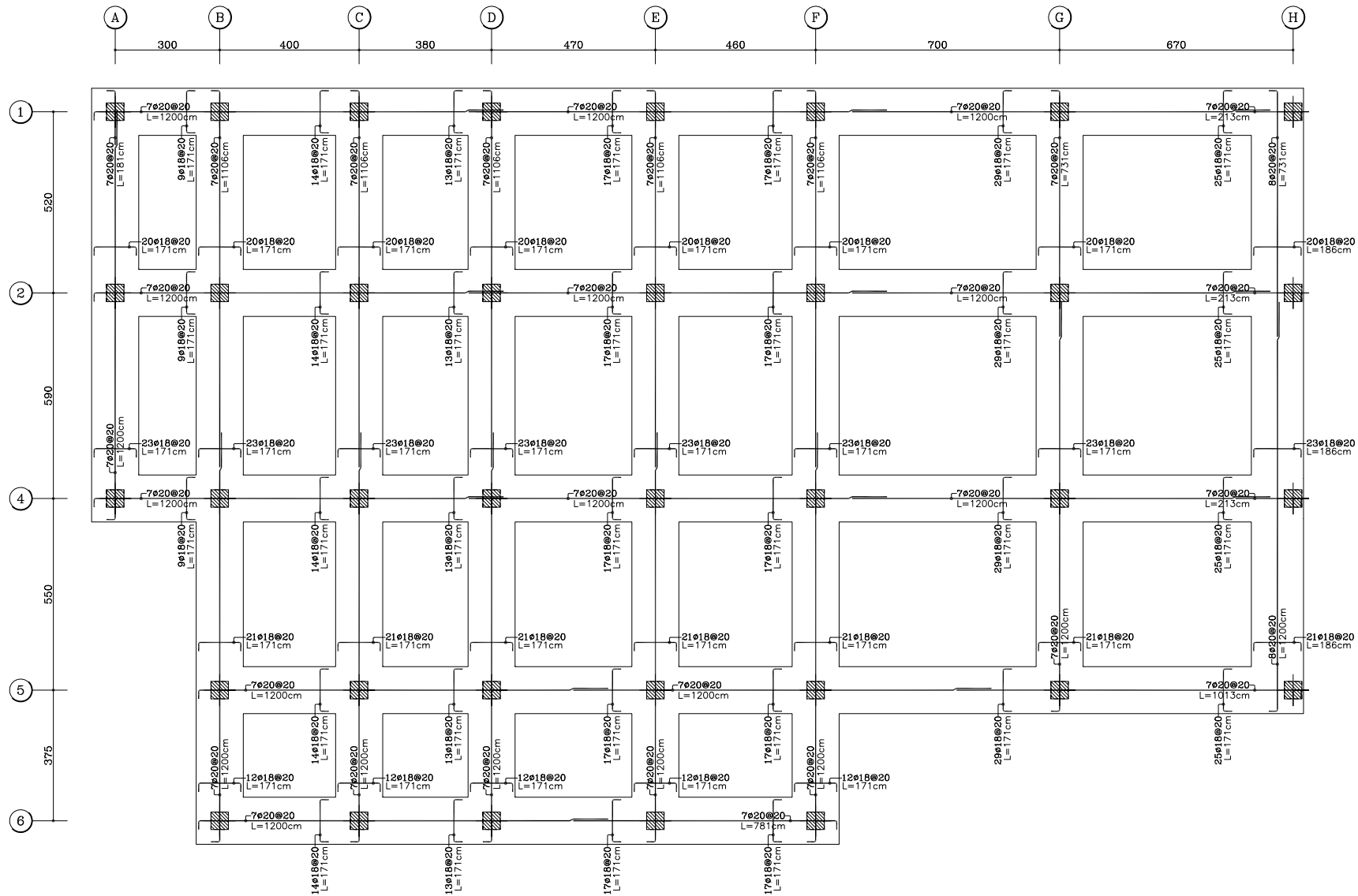


TOP ADDITIONAL REBARS DETAILS PLAN

FOUNDATION DRAWINGS

# FOUNDAMATE

BOTTOM TYPICAL REBARS DETAILS PLAN



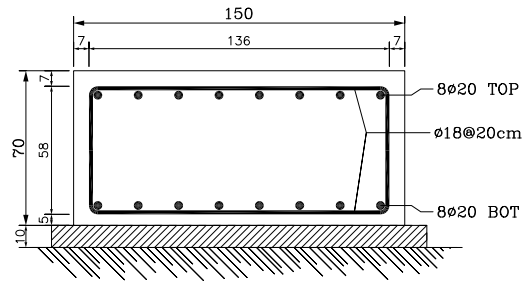
## ■ BOTTOM TYPICAL REBARS DETAILS PLAN

FOUNDATION DRAWINGS

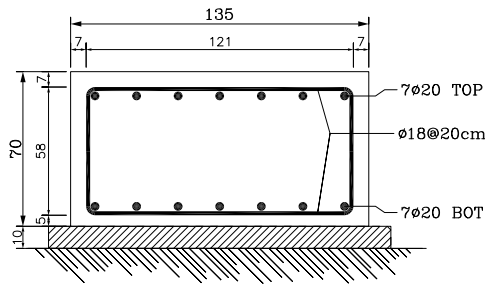


# FOUNDAMATE

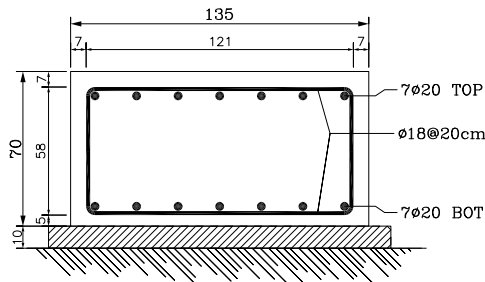
All Dimension in Centimeter



FOUNDATION SECTION A



FOUNDATION SECTION B



FOUNDATION SECTION C

FOUNDAMATE – Longitudinal Rebar List of Foundation						
Position Number	Reabar Shape (schematic)	Dia. (mm)	Length (cm)	Weight (kg)	Number (pcs)	Weight Total (kg)
1f	400	ø16	400	6.3	79	498.8
2f	430	ø16	430	6.8	18	122.2
3f	470	ø20	470	11.6	11	127.5
4f	470	ø16	470	7.4	2	14.8
5f	430	ø18	430	8.6	5	42.9
6f	400	ø18	400	8	10	79.9
7f	500	ø16	520	8.2	10	82.1
8f	505	ø20	530	13.1	5	65.4
9f	500	ø25	530	20.4	6	122.5
10f	430	ø16	450	7.1	3	21.3
11f	330	ø16	350	5.5	1	5.5
12f	410	ø16	430	6.8	1	6.8
13f	1175	ø20	1200	29.6	184	5445.3
14f	165	ø20	190	4.7	7	32.8
15f	121	ø20	171	4.2	1096	4622
16f	1085	ø20	1110	27.4	35	958.1
17f	715	ø20	740	18.2	15	273.7
18f	1200	ø20	1200	29.6	98	2900.2
19f	195	ø20	220	5.4	28	151.9
20f	121	ø18	171	3.4	974	3327.1
21f	136	ø18	186	3.7	128	475.6
22f	765	ø20	790	19.5	7	136.4
23b	995	ø20	1020	25.2	7	176.1
24f	1125	ø20	1150	28.4	35	992.6
25f	745	ø20	770	19	15	284.8
26f	295	ø20	320	7.9	21	165.7
27f	795	ø20	820	20.2	7	141.6
28f	1085	ø20	1090	26.9	7	188.2
Foundation Longitudinal Rebars Summation					2815	21462 kg

FOUNDAMATE – Beam Rebars Summary Report				
Rebar Size	Diameter (mm)	Length (m)	12m Bar Number	Weight (kg)
ø16	16	476.1	40	751
ø18	18	1965.1	164	3925
ø20	20	6756.4	563	16662
ø25	25	31.8	3	123
Foundation Rebars Total Weigth = 21462 kg (21.462 ton)				

Overlap Length Table for Foundation Rebars in cm										
According to Rebar Position, Rebar Size and Properties of ( $F'c=210 \text{ Kg/cm}^2$ , $F_y=4200 \text{ Kg/cm}^2$ )										
Rebar Size	ø10	ø12	ø14	ø16	ø18	ø20	ø22	ø25	ø28	ø32
Foundation TOP	70	80	95	110	120	135	185	210	240	270
Foundation BOT	50	60	70	80	90	100	145	160	180	205