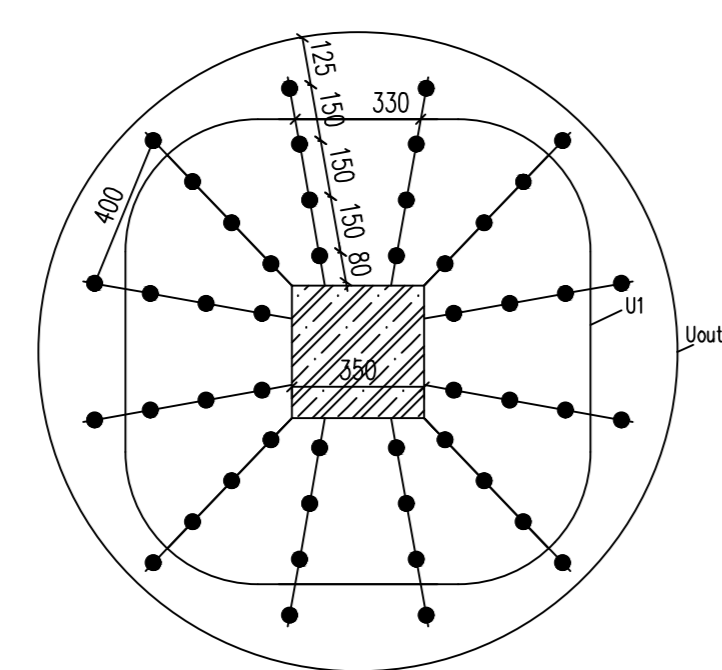
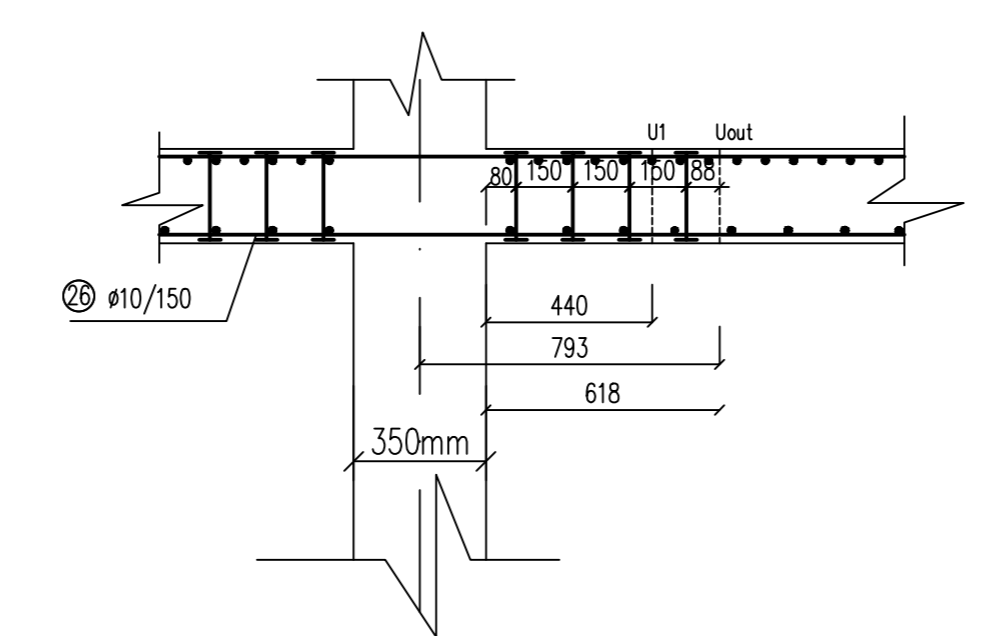


SCALE 1:20

DETAIL 1
PLAN VIEW



SECTION A-A



SHAPE OF BARS

- ① #10, L=8000 mm
- ② #10, L=8900 mm
- ③ #10, L=7600 mm
- ④ #10, L=8300 mm
- ⑤ #10, L=8300 mm
- ⑥ #10, L=900 mm
- ⑦ #10, L=8500 mm
- ⑧ #10, L=7800 mm
- ⑨ #10, L=9000 mm
- ⑩ #10, L=10500 mm
- ⑪ #10, L=4750 mm
- ⑫ #10, L=1125 mm
- ⑬ #10, L=825 mm
- ⑭ #10, L=75 mm
- ⑮ #10, L=74 mm
- ⑯ #10, L=11250 mm
- ⑰ #10, L=8250 mm
- ⑱ #10, L=7500 mm
- ⑲ #10, L=3500 mm
- ⑳ #10, L=5400 mm
- ㉑ #10, L=8400 mm
- ㉒ #10, L=3400 mm
- ㉓ #10, L=7100 mm
- ㉔ #10, L=2500 mm
- ㉕ #10, L=4750 mm
- ㉖ #10, L=3500 mm
- ㉗ #10, L=8400 mm
- ㉘ #10, L=4750 mm
- ㉙ #10, L=8400 mm
- ㉚ #10, L=5400 mm
- ㉛ #10, L=8700 mm
- ㉜ #10, L=4750 mm
- ㉝ #10, L=2500 mm
- ㉞ #10, L=10500 mm
- ㉟ #10, L=4750 mm
- ㊱ #10, L=5900 mm
- ㊲ #10, L=10000 mm
- ㊳ #10, L=10500 mm
- ㊴ #10, L=5400 mm
- ㊵ #10, L=5000 mm
- ㊶ #10, L=10100 mm
- ㊷ #10, L=9000 mm
- ㊸ #10, L=4800 mm
- ㊹ #10, L=5050 mm
- ㊺ #10, L=4800 mm
- ㊻ #10, L=5500 mm
- ㊼ #10, L=4800 mm
- ㊽ #10, L=8500 mm
- ㊾ #10, L=7500 mm
- ㊿ #10, L=4800 mm
- ① #10, L=8500 mm
- ② #10, L=7500 mm
- ③ #10, L=5900 mm
- ④ #10, L=1500 mm
- ⑤ #10, L=2500 mm
- ⑥ #10, L=4500 mm
- ⑦ #10, L=2500 mm
- ⑧ #10, L=4500 mm
- ⑨ #10, L=8500 mm
- ⑩ #10, L=900 mm

TABLE OF REINFORCEMENT

Item	Profile	Length (m)	Piece	Total length of bars (m)
①	#10	8	245	1960
②	#10	8.9	211	1877.9
③	#10	7.6	26	197.6
④	#10	8.3	6	49.8
⑤	#10	0.8	5	4.5
⑥	#10	0.5	25	252.5
⑦	#10	7.6	5	38
⑧	#10	8.05	18	144.9
⑨	#10	9	33	297
⑩	#10	10.05	23	231.65
⑪	#10	4.750	4	19
⑫	#10	11.25	4	45
⑬	#10	8.25	5	41.25
⑭	#10	7.5	15	112.5
⑮	#10	7.4	15	111
⑯	#10	L=11250 mm	2	78
⑰	#10	L=8250 mm	20	168
⑱	#10	L=7500 mm	2	6.8
⑲	#10	L=3500 mm	2	14.2
㉑	#10	L=8400 mm	5	14.5
㉒	#10	L=3400 mm	5	27
㉓	#10	L=7100 mm	5	40.25
㉔	#10	L=2500 mm	5	33.75
㉕	#10	L=4750 mm	10	1050
㉖	#10	L=8400 mm	177	265.5
㉗	#10	L=4750 mm	10	60
㉘	#10	L=2500 mm	3	20.25
㉙	#10	L=5.9	5	29.5
㉚	#10	L=10	105	1050
㉛	#10	L=11.05	4	44.2
㉜	#10	L=3.4	14	47.6
㉝	#10	L=5.6	18	100.8
㉞	#10	L=9	3	27
㉟	#10	L=6.8	5	34
㊱	#10	L=10.100	75	757.5
㊲	#10	L=9000 mm	4	20.8
㊳	#10	L=4800 mm	4	22.8
㊴	#10	L=6.850	111	760.35
㊵	#10	L=5500 mm	5	42
㊶	#10	L=4800 mm	4	34.2
㊷	#10	L=7.55	62	468.1
㊸	#10	L=4800 mm	177	838.3
㊹	#10	L=5.6	11	61.6
㊺	#10	L=8.5	4	34
㊻	#10	L=8.150	109	868.35
㊼	#10	L=1.5	14	21
㊽	#10	L=2.5	10	25
㊾	#10	L=4.5	20	90
㊿	#10	L=7.5	20	150
①	#10	L=2500 mm	6	60
②	#10	L=4.850	13	64.35
③	#10	L=7.500 mm	1372	1234.8
④	#10	L=8500 mm		13078.4
⑤	#10	L=900 mm		0.62
⑥	#10	L=900 mm		8106.6

- ISOKORB:
 1 TYPE K-M2-VI-REI120-CV35-X80-H250-6.0
 2 TRAPEZ BOX HALFEN HBB-0 for in-situ cast concrete landing

MATERIALS:
 CONCRETE: 30/37-XC1-D_{max}=22 mm-CI 0.4-54
 CONCRETE COVER: 20 mm
 STEEL: B500A
 LAP LENGTH: 550-600 mm
 ANCHORAGE LENGTH: 360-400 mm

Czech Technical University In Prague <small>FACULTY OF CIVIL ENGINEERING THAKUROVA 7, PRAHA 6 - DEJVICE 166 29 praha 6</small>		
Worked out by: HAYTHEM CHERIF		Year: 2020/2021
Task: Residential building		Date: 24/05/2020
Purpose: Diploma Thesis		Scale: 1:100
Drawing: Bottom reinforcement of RC slab above 1 floor		Format: A0 Drawing number: 5