

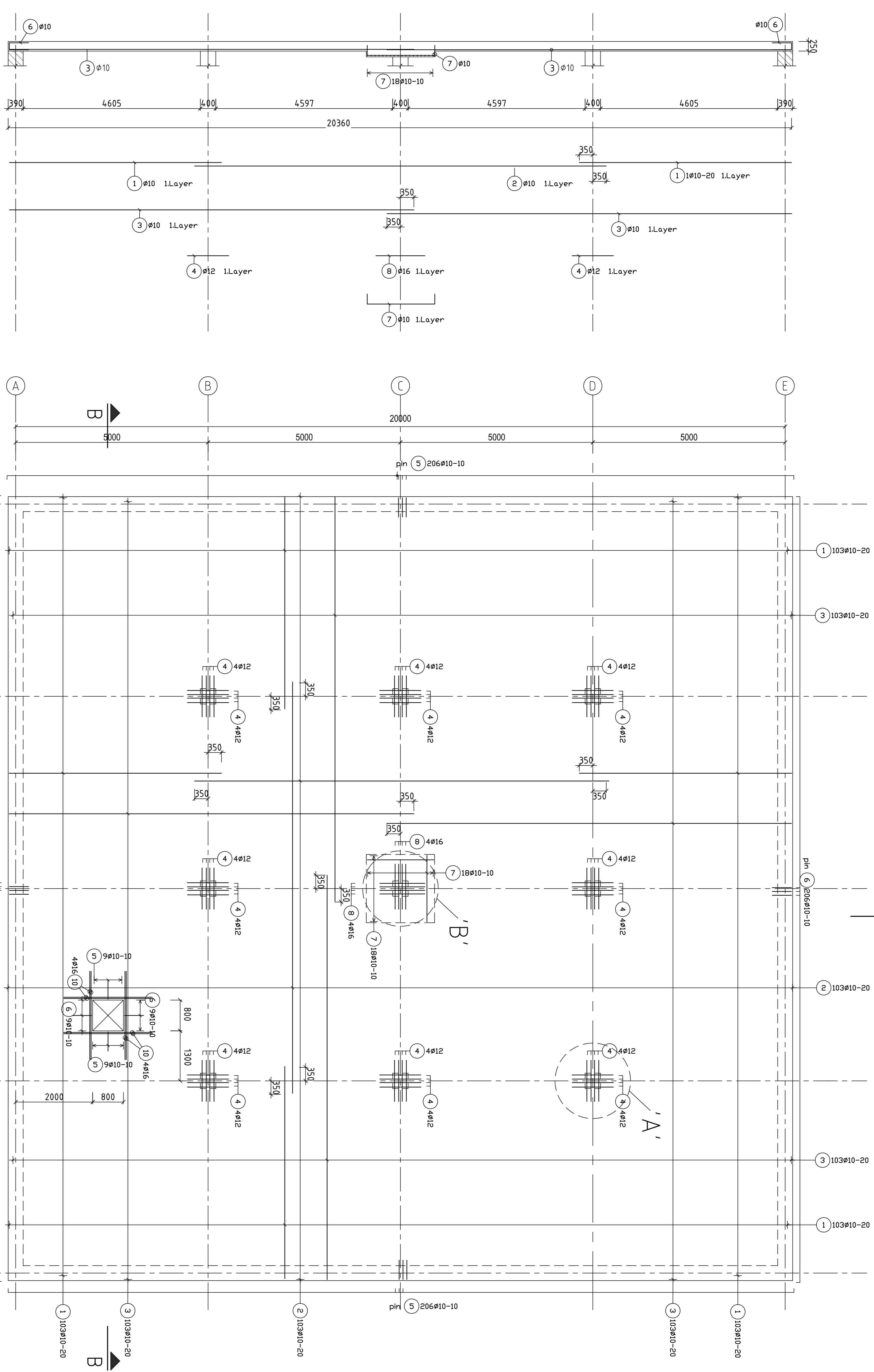
FLAT SLAB Scale 1:50

REFERENCE DRAWINGS

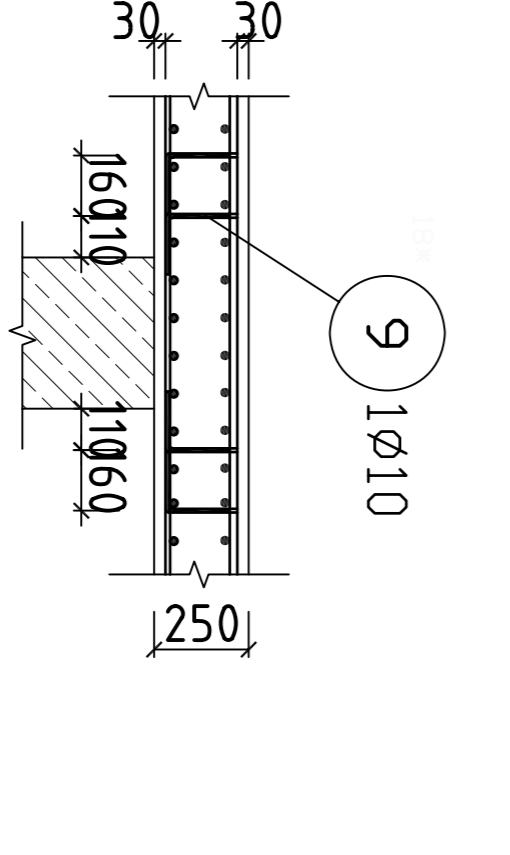
DRAW. No.	DESCRIPTION

BENDING SCHEDULE Steel Grade: Grade 60						
Pos.	No.	d	Length	db	Type	Weight
			ds			kg
1	412	10	5.52		A1	2274.24
2	206	10	10.70		A1	2204.20
3	412	10	10.52		A1	4334.24
4	64	12	1.08		A1	69.12
5	430	10	1.20		A3	516.00
6	430	10	1.18		A3	507.40
7	36	10	2.28		A3	82.08
8	8	16	1.28		A1	10.24
9	18	10	0.83		D3	14.94
10	8	16	2.30		A1	18.40
Total weight (kg)						6235.352

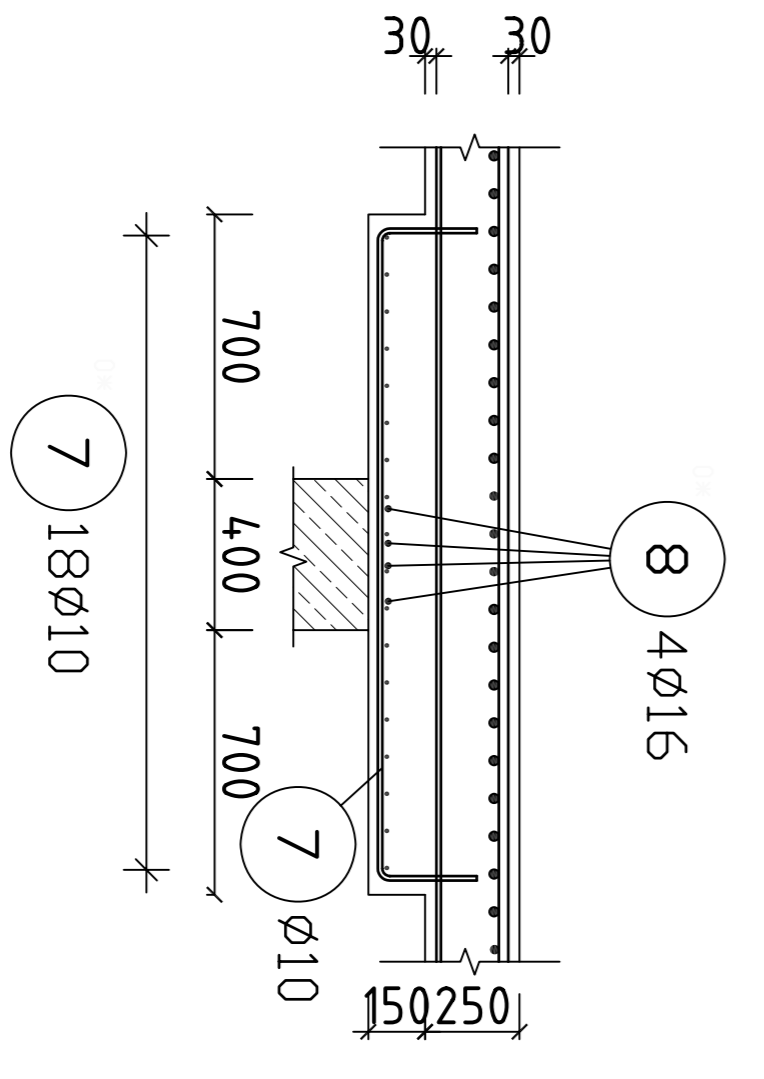
SECTION A-A SCALE 1:50



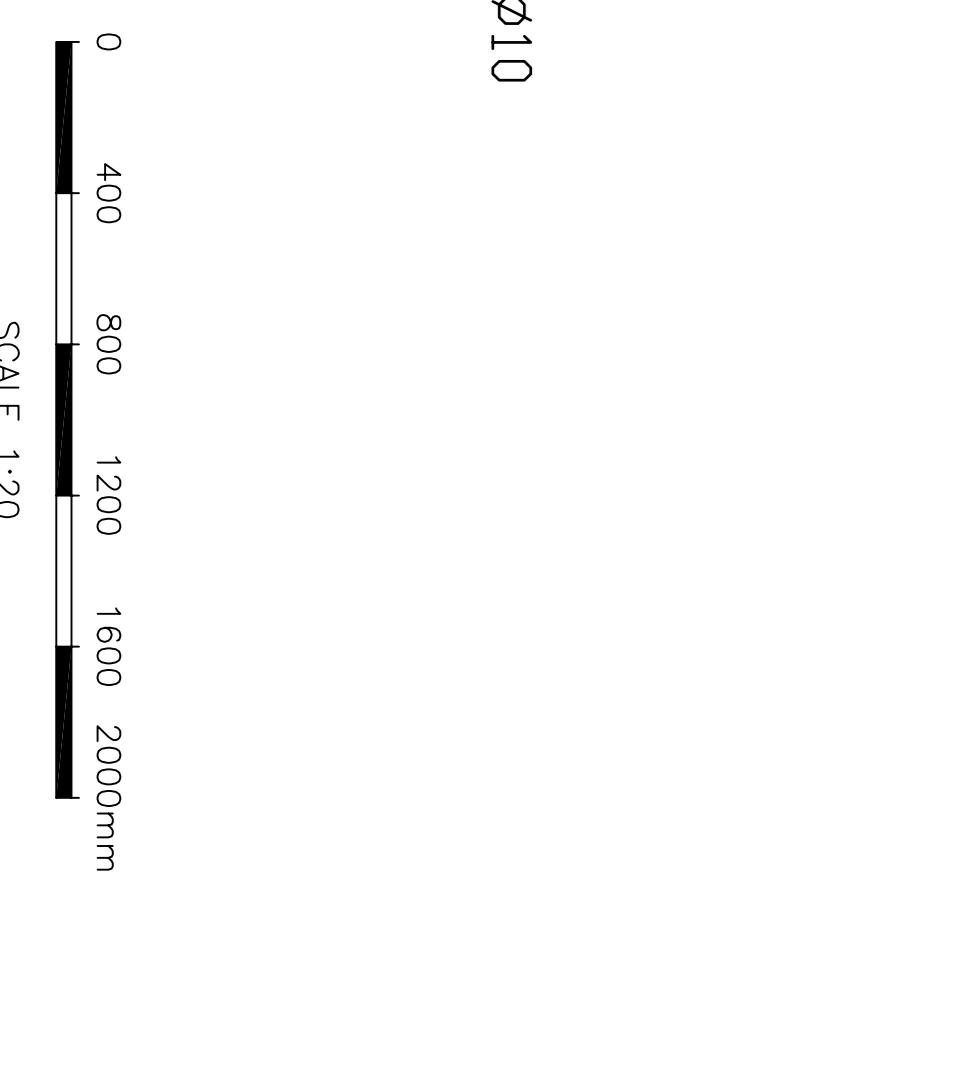
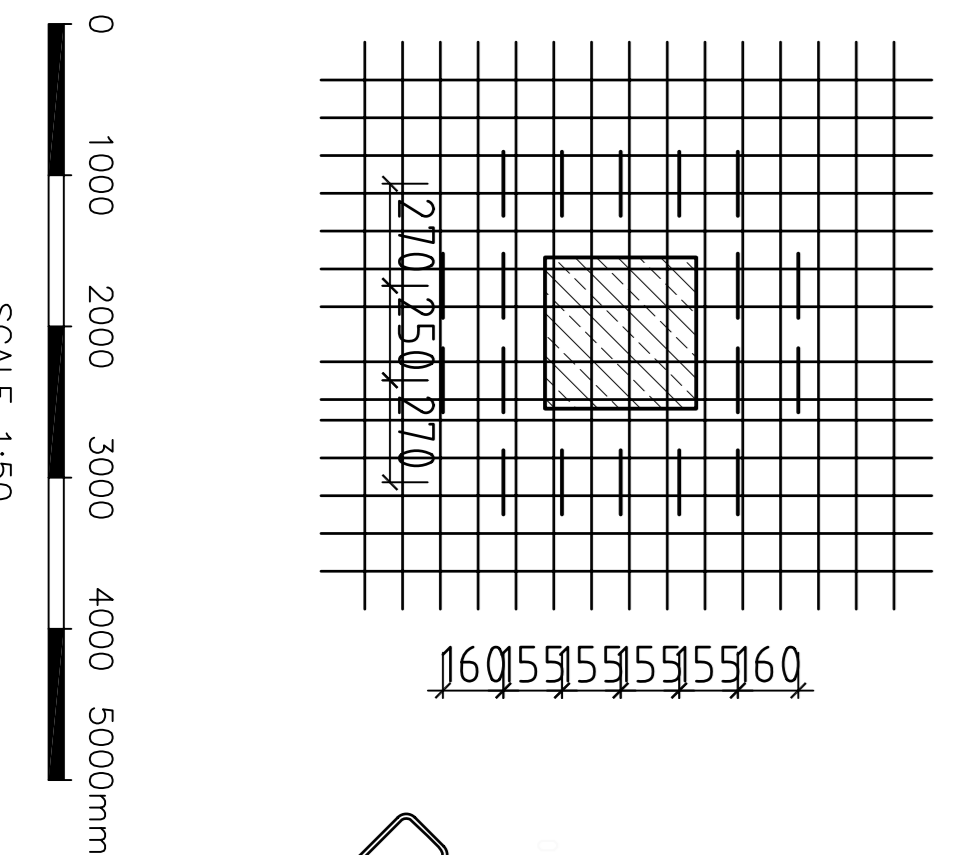
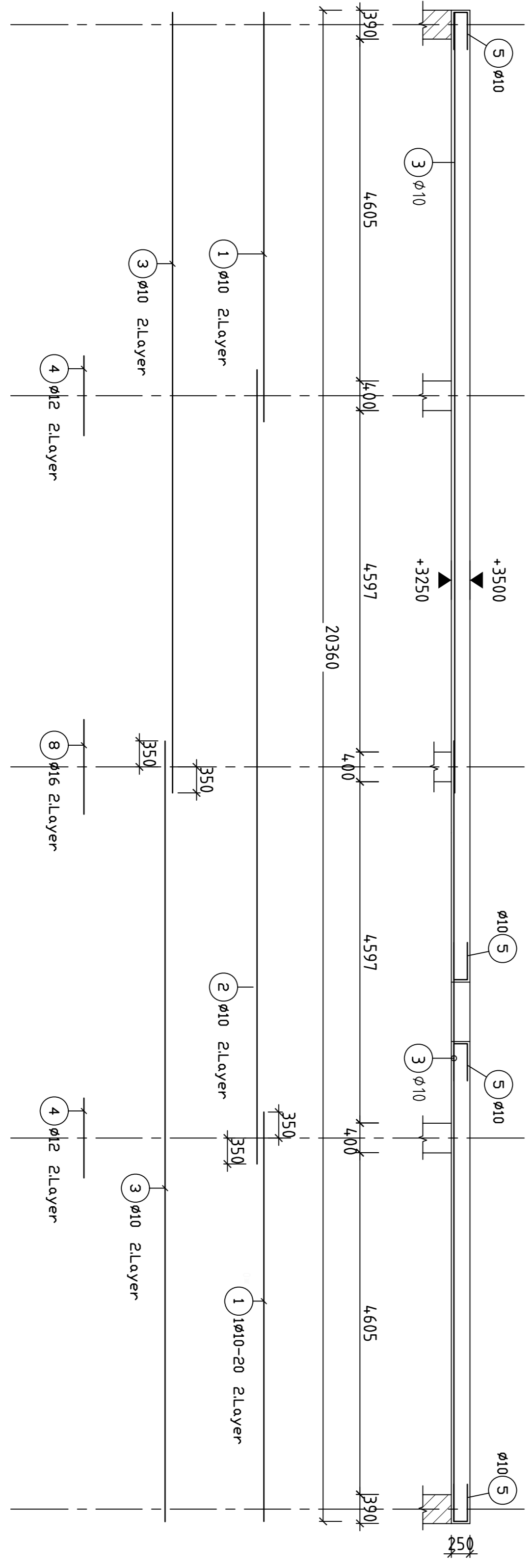
DETAIL INSTALL SCALE 1:20



DETAIL B SCALE 1:20

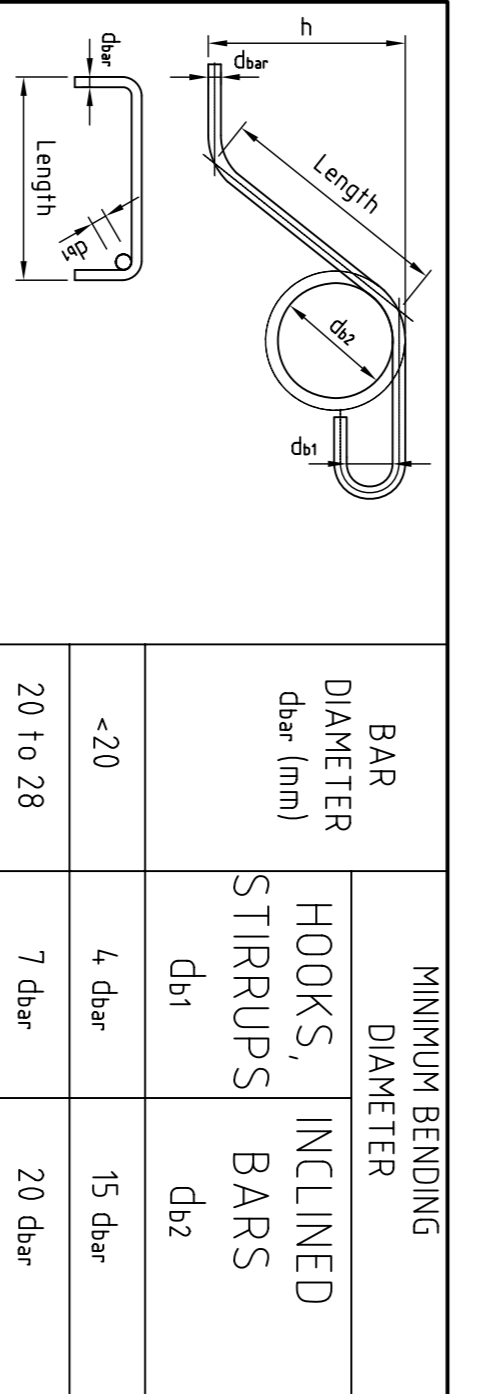


SECTION B-B SCALE 1:50



NOTE:

- ANY CHANGES OF THE BENDING FORM NEED THE APPROVAL OF THE ENGINEER OR STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER FAR ENOUGH IN ADVANCE (48 HOURS) OF THE BEGINNING OF THE ACTUAL POUR, BUT NOT PRIOR TO 90% OF THE STEEL HAVING BEEN PLACED.
- CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONITORING REINFORCEMENT OF PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT A PLAN APPROVAL.
- THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL VERTICAL REINFORCING AT CONSTRUCTION JOINTS SHALL BE AS SPECIFIED BY THE STRUCTURAL ENGINEER. SEE TYPICAL CONSTRUCTION JOINT DETAILS.
- MAINTAIN COVER TO ALL PIPES, CONDUITS, REGLETTS, DRIP-GROOVES ETC.
- ANY BAR LAYED ACROSS THE OPENING HAS TO BE CUT



THIS DRAWING BELONGS TO:

FORMWORK DWG No.:	
STRUCTURAL ANALYSIS:	
BAR POSITION:	(1) - (10)
STEEL GRADE:	ASTM A 615/615M-04-Grade 60
ELEMENT:	CONCRETE
SLAB:	Top Concrete Cover (cm) 3.0 Bottom (lateral) inside outside 3.0

NO.	REVISION	DESCRIPTION
1		
2		
3		
4		

STRUCTURAL DESIGN



ATTA - Structural Engineering & Consulting Co., Ltd

PROJECT NO.	XXX
DWG. SIZE	A0
DWG. SCALE	1:50, 1:20
PROJECT	bottom layer
CONSTRUCTION STAGE	FLAT SLAB
PROJECT	OFFICE BUILDING
DRAWING No.	XXX
REV.	