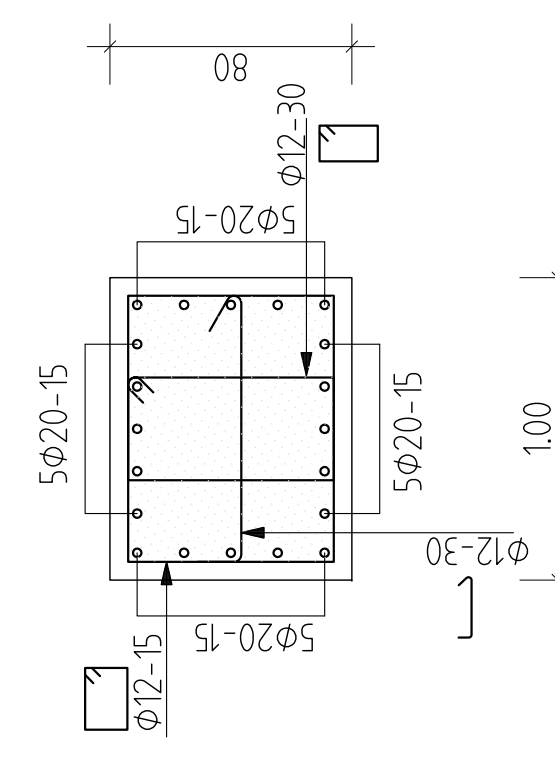
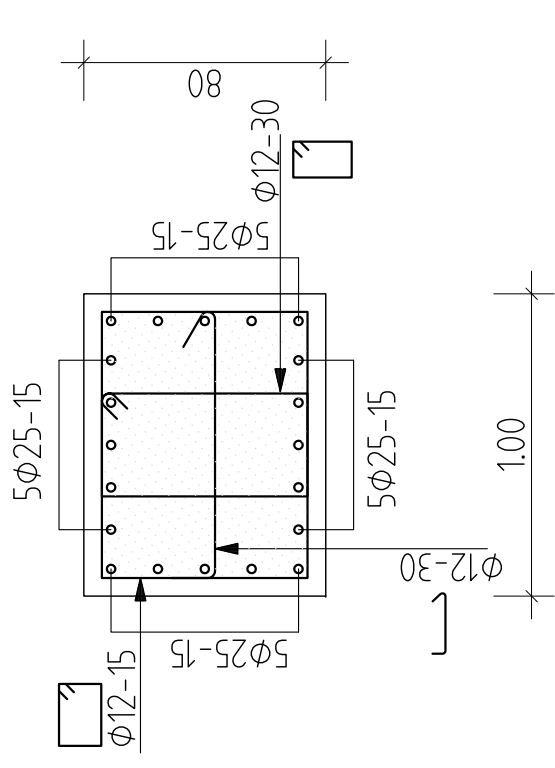


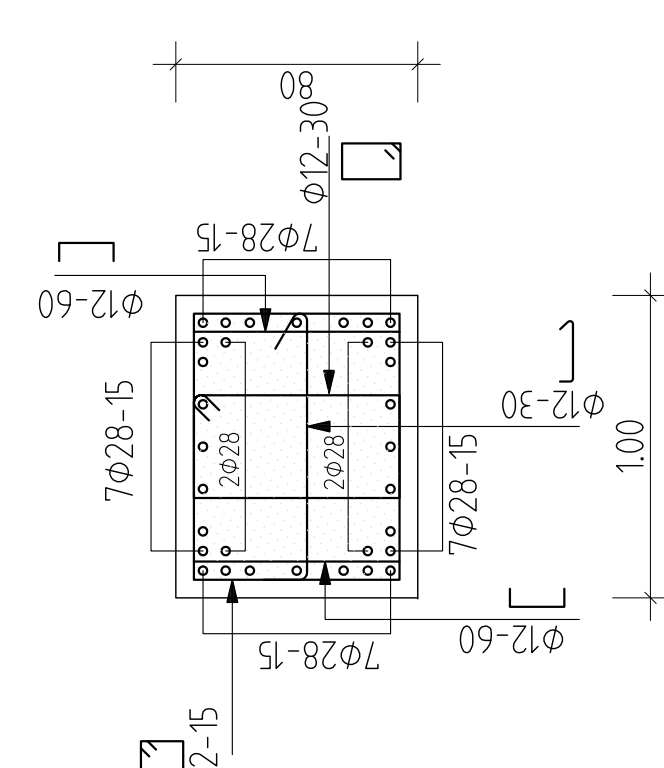
SECTION 11-11 SC. 1/25



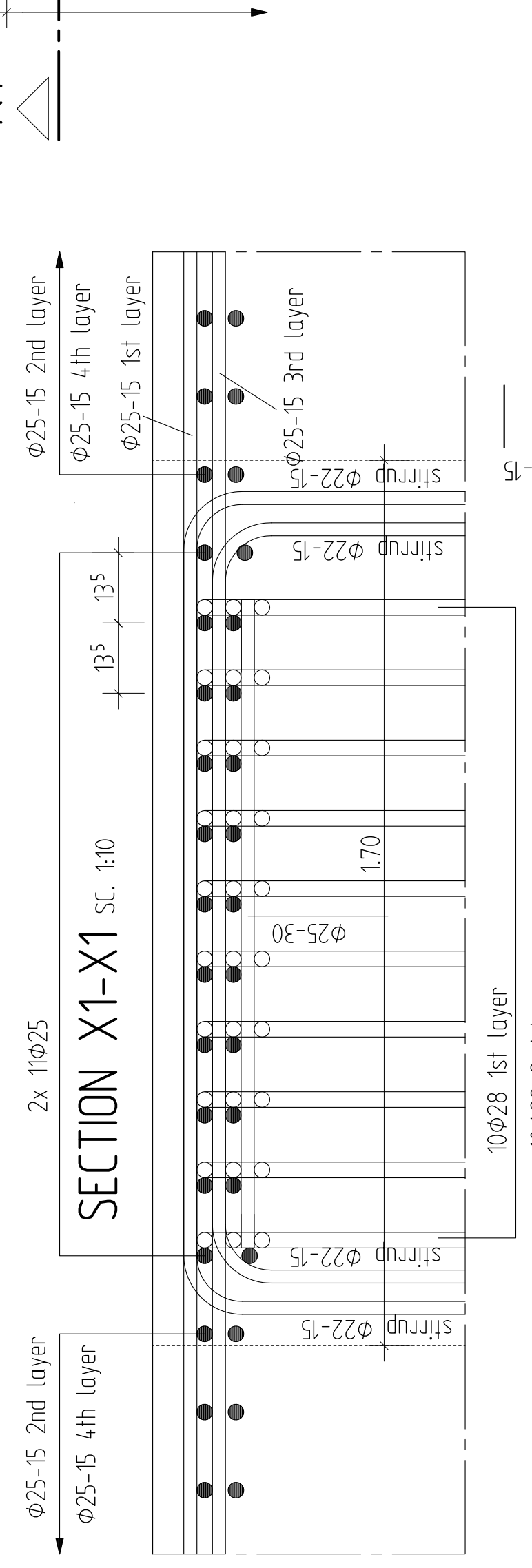
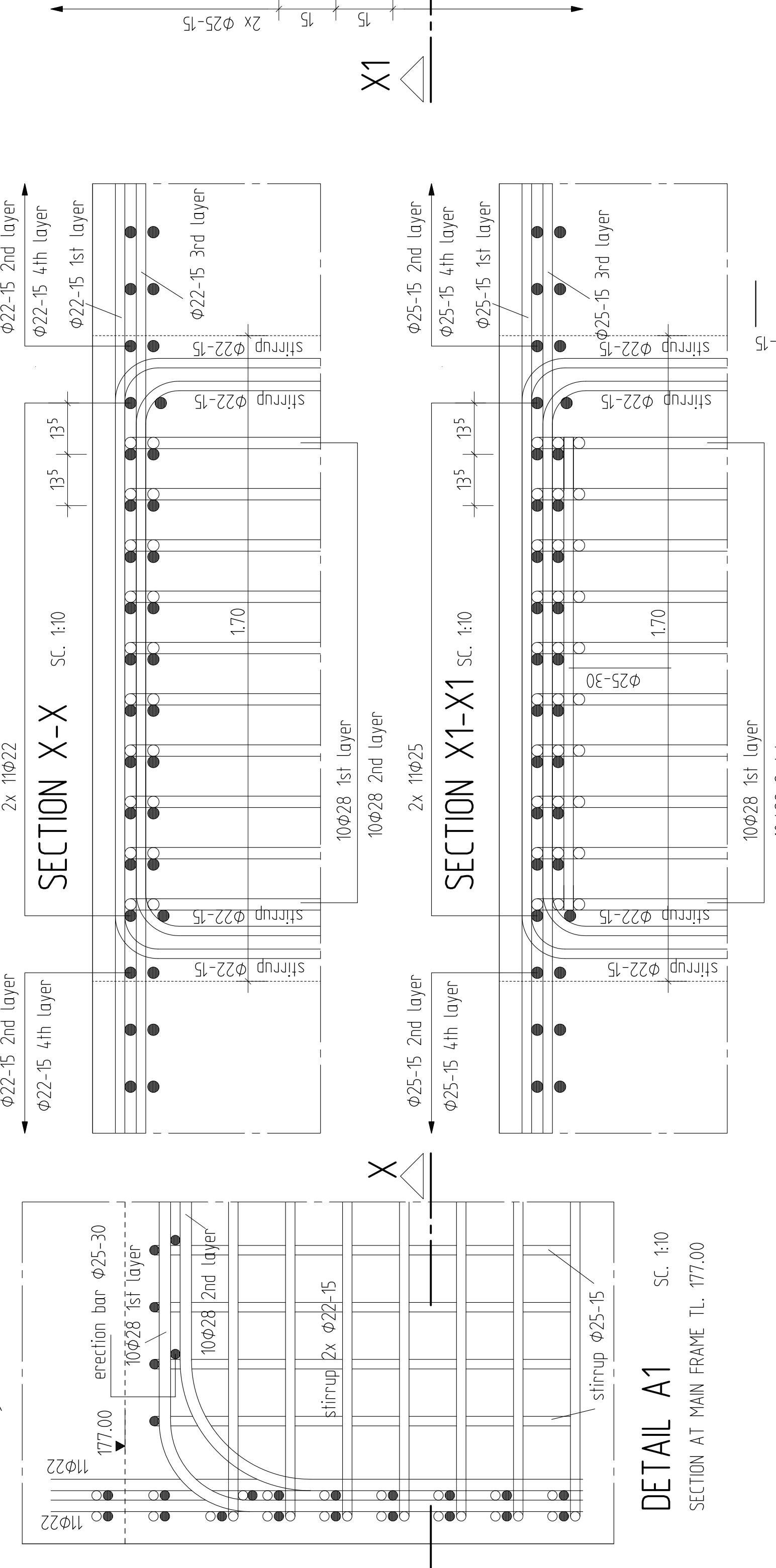
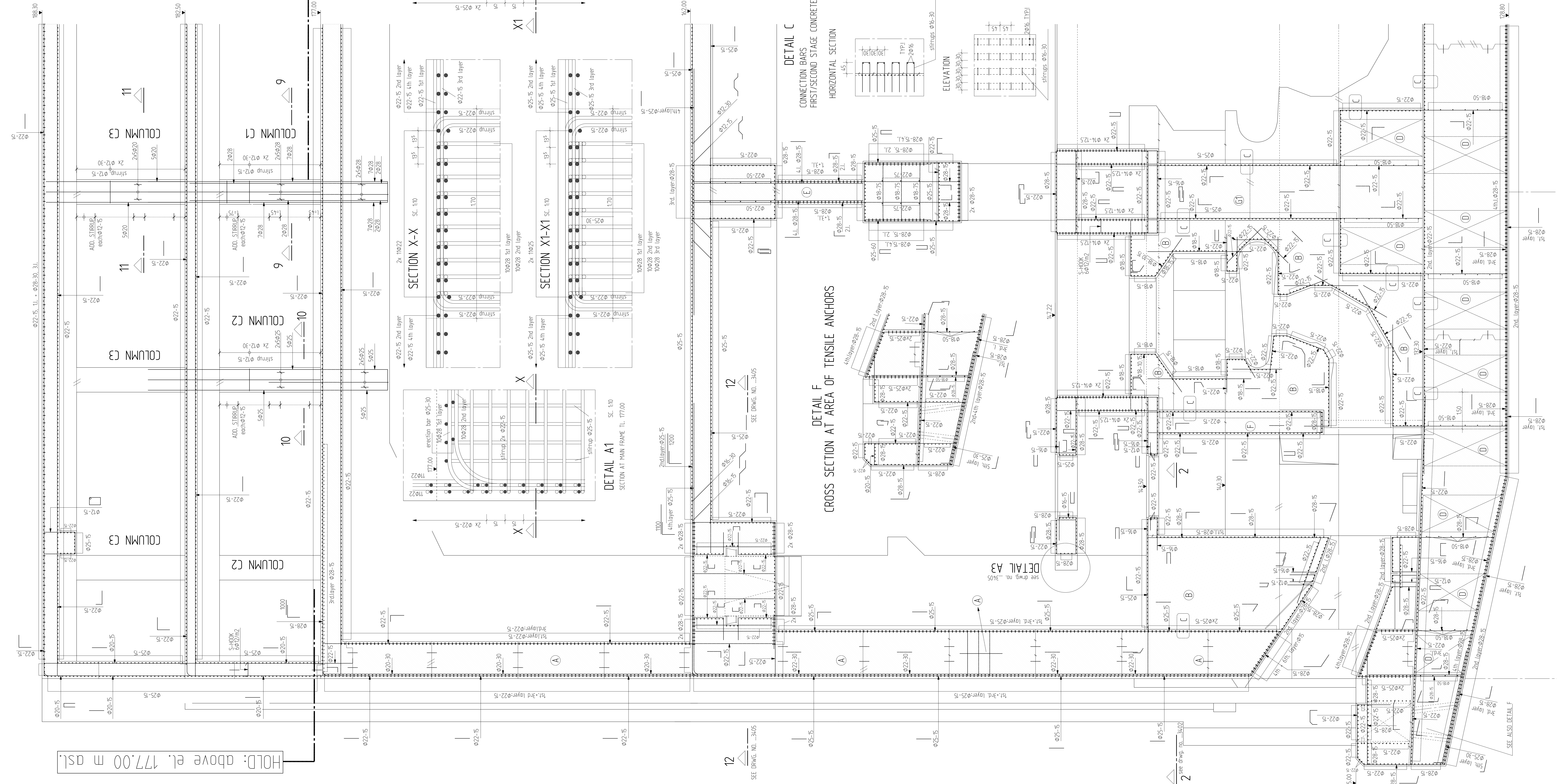
SECTION 10-10 SC. 1/25



SECTION 9-9 SC. 1/25



HOLD: above el. 177.00 m a.s.l.

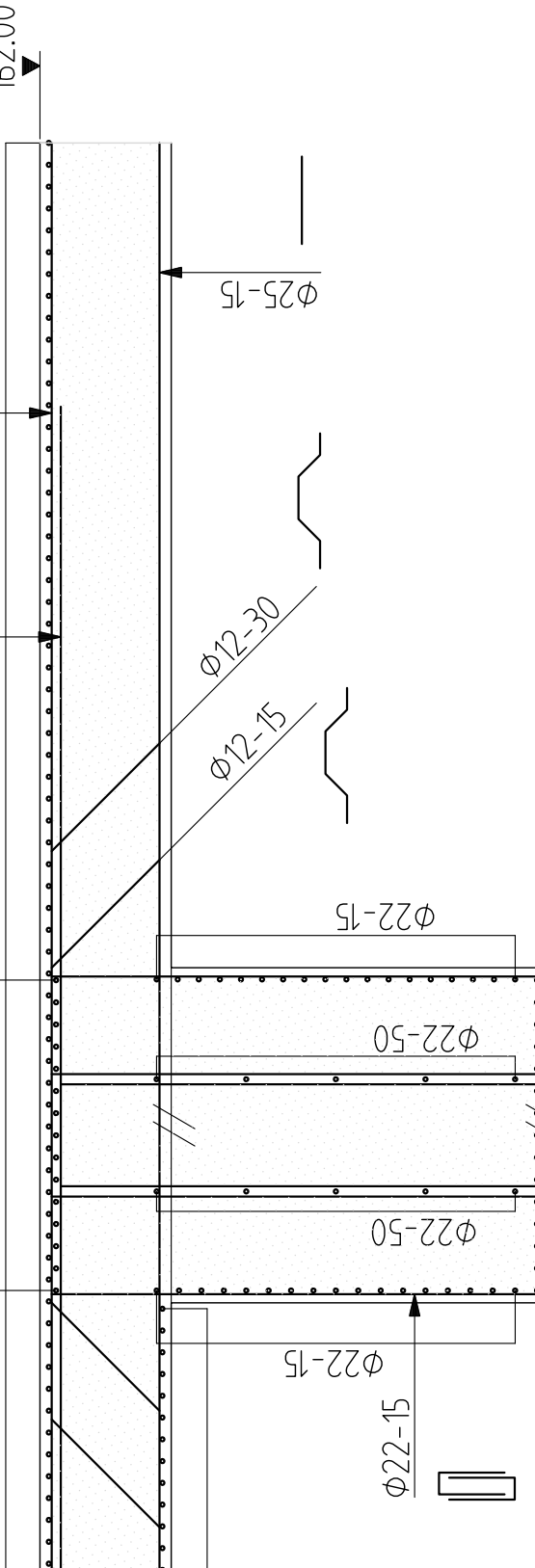


DETAIL A1 SC. 1/10  
SECTION AT MAIN FRAME TL. 177.00

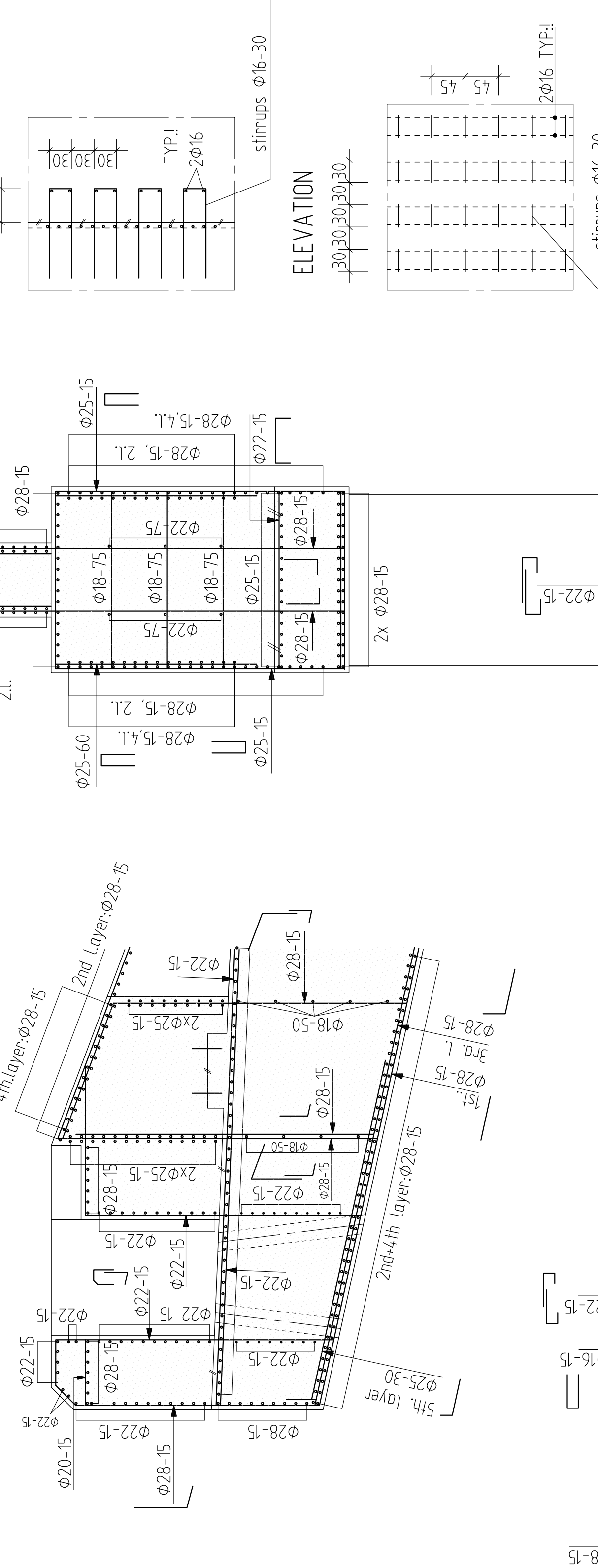
DETAIL A2 SC. 1/10  
SECTION AT MAIN FRAME TL. 162.00

12  
SEE DRAWG. NO. ... 3405

11  
SEE DRAWG. NO. ... 3405



DETAIL F  
CROSS SECTION AT AREA OF TENSILE ANCHORS



DETAIL A3  
SEE DRAWG. NO. ... 3405

NOTE:  
FOR DIFFERENT SHEAR REBAR  
ARRANGEMENT DETAILS (A) (B) (E) (F) (G)  
SEE DRAWG. NO. ... 3405 !

STRUCTURAL COMPONENT	CLASS OF CONCRETE	CLASS OF REINFORCEMENT	CONCRETE CLASS, MIN. F <sub>ck</sub>
REINFORCING (REINFORCING BARS) (BY PROVISIONS ARE OUTSIDE TO OUTSIDE MEASUREMENTS)	SHEET (S)	FRESH SCHEDULE	SHEET (S)
REINFORCING SCHEDULE	SHEET (S)	LAST FRESH MARK	SHEET (S)

MINIMUM DIAMETER OF BENDING FORMER (B) ACCORDING TO DIN 4520, SHEET 1, TABLE 1 AND DIN 4520, SHEET 1, TABLE 1B

Bar	Loop	Stirrups	at right angles	other curved bars e.g. curved bars at frame corner	more than one layer
d, mm	< 20	44,	64	64	22, 24,
20-28	74,	all diameters	154,	204,	304,

SPACERS: ACCORDING TO DRY-NOTES "SPACERS" (FOR TYPE) AND "CONCRETE COVERT" (FOR ARRANGEMENT)

**MATERIALS**

NOMINAL CLASS OF CONCRETE: M20 (1:1:4) WITH WATER REDUCER

NOMINAL CLASS OF STEEL: S235 (R235) STEEL BAR GRADE (S235)

WHERE FRESH-CAST CONCRETE IS REQUIRED TO BE USED, THE CLASS SHOULD BE IN ACCORDANCE WITH THE CLASS ABOVE.

**CLASSES OF CONCRETE**

CLASS	RECEPTION	MINIMUM CLASS OF CONCRETE	MINIMUM CLASS OF CONCRETE
M20	WORKS IN CONTACT WITH WATER	M20	M20
M20	WORKS IN CONTACT WITH WATER	M20	M20
M20	WORKS IN CONTACT WITH WATER	M20	M20
M20	WORKS IN CONTACT WITH WATER	M20	M20
M20	WORKS IN CONTACT WITH WATER	M20	M20
M20	WORKS IN CONTACT WITH WATER	M20	M20

**MINIMUM OVERLAPPING AND ANCHORING LENGTH:**  
(ONLY VALID IF NONE DETAIL INCORPORATIONS ARE GIVEN ON THE DRAWING LOCALLY !)

**LEGEND**

1= TOP  
2= BOTTOM  
3= INSIDE  
4= OUTSIDE

1L= FIRST LAYER  
2L= SECOND LAYER  
3L= THIRD LAYER  
4L= FOURTH LAYER

**SPLICE LENGTH OF REBARS**

GENERAL	TOP LAYER	TOP LAYER	TOP LAYER	TOP LAYER
50	55	65	100	105
100	105	125	140	145
150	155	175	190	195
200	205	225	240	245

**ANCHORING LENGTH OF REBARS**

GENERAL	TOP LAYER	TOP LAYER	TOP LAYER	TOP LAYER
30	35	40	45	50
60	65	70	75	80
90	95	100	105	110
120	125	130	135	140