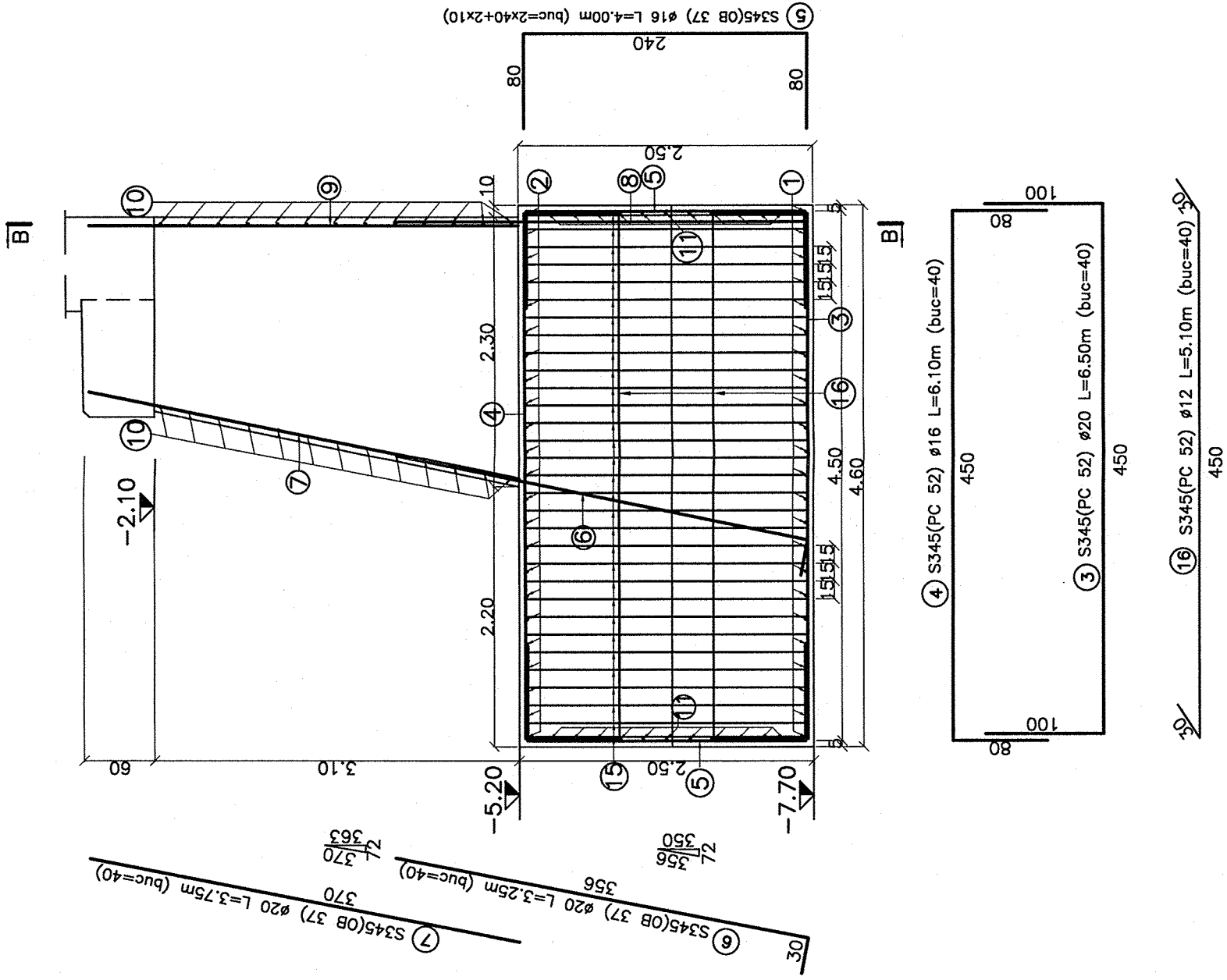
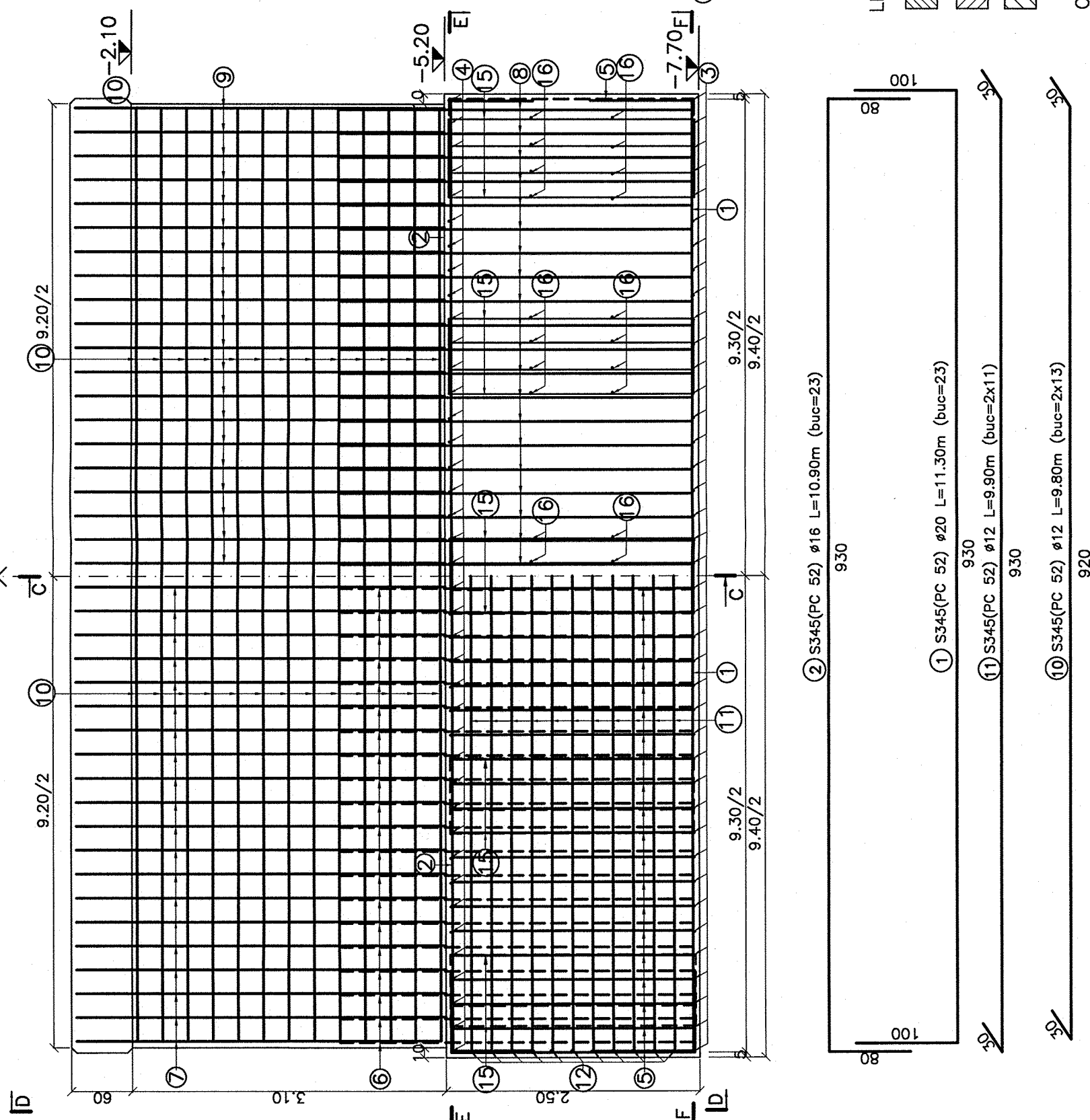


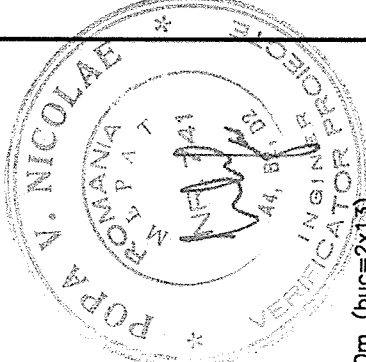
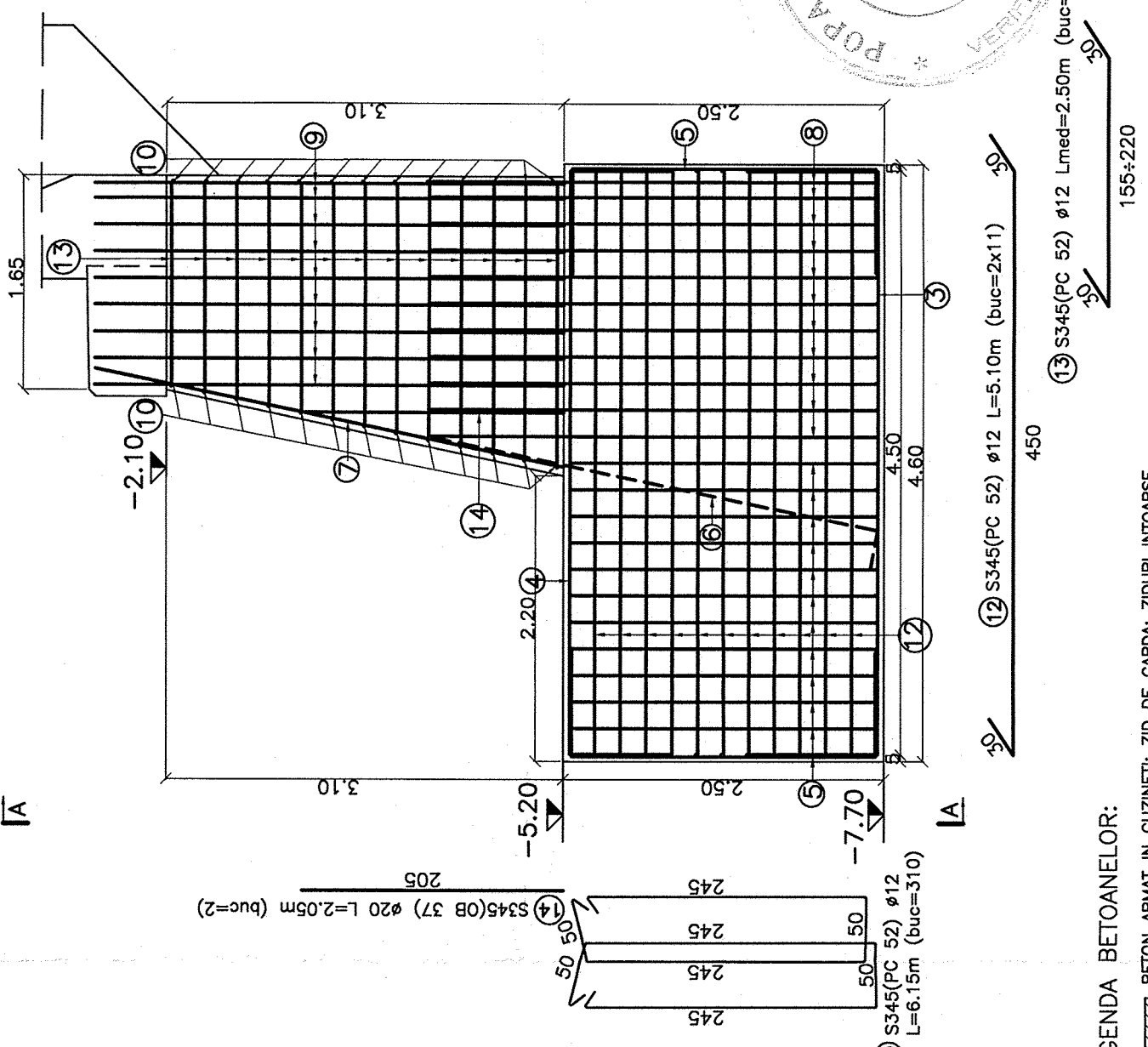
SECTIONE C-C/SECTION C-C
Sc 1:50



VEDERE A-A/VIEW A-A
Sc 1:50



VEDERE D-D/SECTION D-D
Sc 1:50

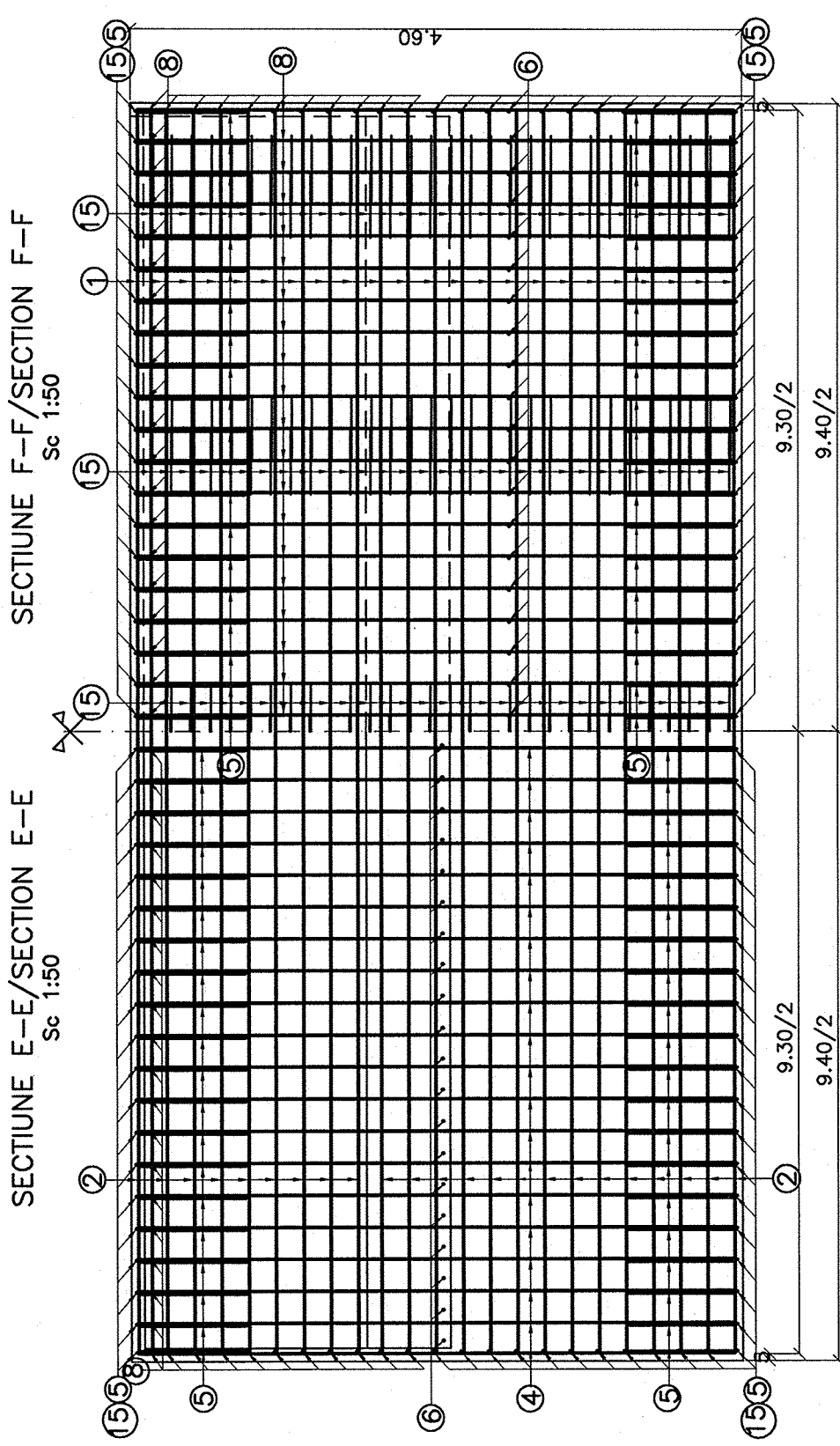


OBSERVATE:

1. In prima faza se monteaza armaturile din fundatie si se betoneaza fundatia culeei;
2. In faza a doua se monteaza armaturile din elevatie si se betoneaza elevatia culeei; Marca 6 din fundatie se petrece cu marca 7 de la elevatie si marca 8 din fundatie se petrece cu marca 9 si pe laterale si cu marca 14;
3. In faza a treia se executa cuzinetii si zidurile intoarse conform planului P16 "Armare culee Ploiesti".
4. Zidurile de garda se armeaza ulterior conform procesului tehnologic din planul P16 "Armare culee Ploiesti".

OBSERVATION:

1. First phase-mounting the reinforcement in foundation and then the abutment foundation is concreted;
2. Second phase-mounting the reinforcement in elevaation executing and then the abutment elevation is concreted; Mark 6 in foundation is overlapping with mark 7 in elevation and mark 8 in foundation is overlapping with mark 9 and mark 14 on lateral sides;
3. Third phase-executing the cushions and inverted walls according to plan P16 "Reinforcement plan abutment Ploiesti".
4. Guarding walls are reinforced according to the Technological process from P16 plan "Reinforcement plan abutment Ploiesti".



SECTIONE F-F/SECTION F-F
Sc 1:50

EXTRAS DE ARMATURA NECESARA PENTRU O CULEE
REINFORCEMENT TABLE FOR ONE ABUTMENT

Marca Mark	Ø (mm)	S345 S345	S355 S355	Lungime/Length(m)	
				Ø12	Ø16
1	20	23	11.30		
2	16	23	10.90		259.90
3	20	40	6.50		260.00
4	16	40	6.10		244.00
5	16	100	4.00		400.00
6	20	40	3.25		130.00
7	20	40	3.70		148.00
8	20	62	3.80		235.60
9	20	58	3.65		211.70
10	12	28	9.60	254.80	
11	12	22	9.90	217.80	
12	12	22	5.10	112.20	
13	12	26	2.50	65.00	
14	20	2	2.05		4.10
15	12	310	6.15	1906.50	
16	12	40	5.10	204.00	
Lungimi pe Ø / Length on Ø (m)				2760.30	894.70
Masa pe ml / Weight on ml (kg)				0.888	1.578
Masa pe Ø / Weight on Ø (kg)				2452	1412
Masa totala armatura/Total weight (kg)					6950

ARMATURA:
S345(PC52)
S255(OB37)
ACOPERIRE: 5cm

REINFORCEMENT:
S345(PC52)
S255(OB37)
COVERING: 5cm

LEGENDA BETOANELOR:

- BETON ARMAT IN CUIZINETI, ZID DE GARDA, ZIDURI INTOARSE
C25/30; clasa de expunere XF3+XC3; A/C=0.50; agregate
Dmax 31mm; Ciment CEM I 42.5; consistenta S3.
- BETON ARMAT IN ELEVATIE CULEE
C25/30; clasa de expunere XC4+XF1; A/C=0.50; agregate
Dmax 31mm; Ciment CEM HI/A 32.5; consistenta S3.
- BETON ARMAT IN FUNDATII CULEE
C25/30; clasa de expunere XC4+XF3; A/C=0.55; agregate
Dmax 31mm; Ciment CEM HI/A 32.5; consistenta S2.

CONCRETE LIST:

- REINFORCED CONCRETE IN CUSHIONS, GUARD WALL; INVERTED WALLS
C25/30; exposure class XF3+XC3; A/C=0.50; aggregates
Dmax 31mm; Cement CEM I 42.5; slump S3.
- REINFORCED CONCRETE IN ABUTMENTS ELEVATIONS
C25/30; exposure class XC4+XF1; A/C=0.50; aggregates
Dmax 31mm; Cement CEM HI/A 32.5; slump S3.
- REINFORCED CONCRETE IN ABUTMENTS FOUNDATIONS
C25/30; exposure class XC4+XF3; A/C=0.55; aggregates
Dmax 31mm; Cement CEM HI/A 32.5; slump S2.

B					
A					
BENEFICIAR/BENEFICIARY:		Modificare Modification / Revision		Contract	
ROMANIAN RAILWAY NATIONAL COMPANY		AUTORITATEA DE IMPLEMENTARE/ IMPLEMENTING AUTHORITY		AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY	
Ministerul Transporturilor Ministry of Transport		Ministerul Economiei si Finantelor Ministry of Economy and Finance		Ministerul Transporturilor Ministry of Transport	
Ing. Nicoleta FLORIAN		Ing. Viorel ALDESCU		Ing. Stelian VARA-OROS	
Intocmit Designed		Verificat Checked		Self echipa Team leader	
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