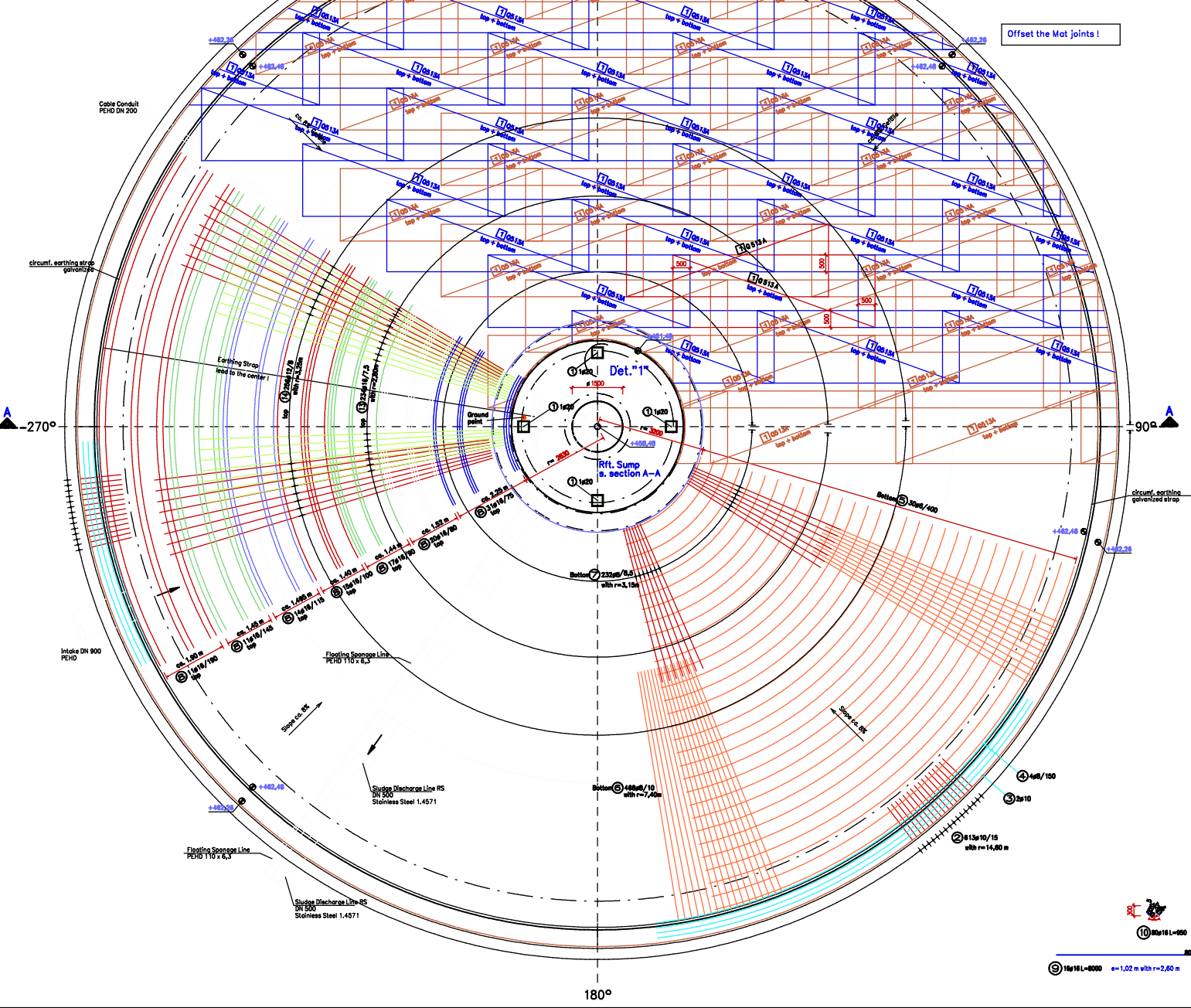


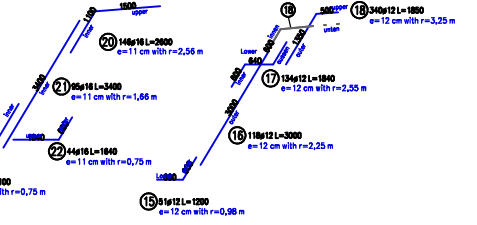
**Section A-A M.1:50**  
(Pipes partially turned to the cutting Plane)



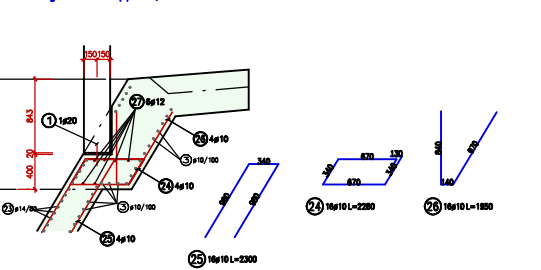
**SEDIMENTATION TANK III TYP BA 32**  
Floor Plan M.1:50



**Bending forms of pump sump:**



**Detail "1" M.1:25**

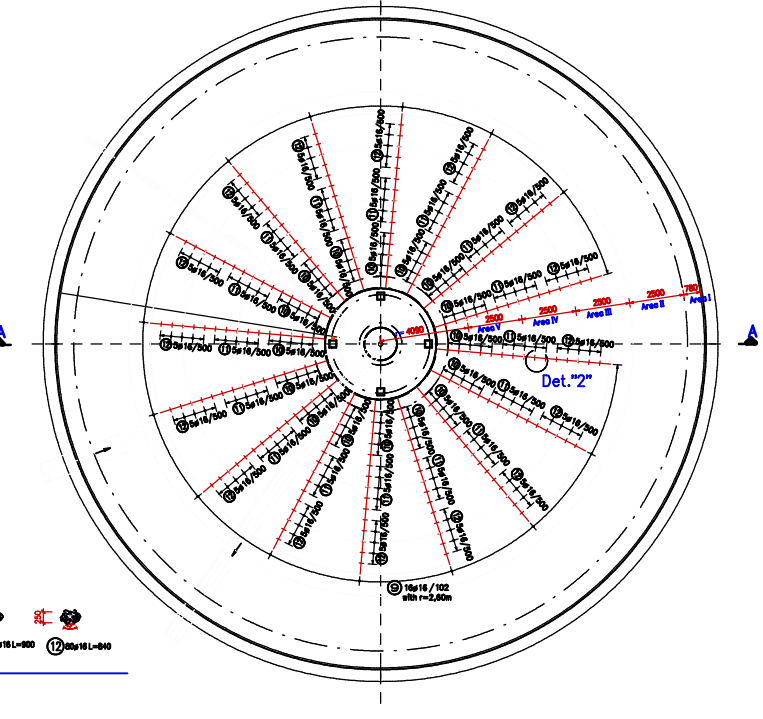


- ② 80x14 L=8000 must be delivered pre-bent to the construction site. Overlap joints= 105 cm Offset Overlap joints at least 140 cm
- ③ 97x18 L=12000 bend according to formwork course. Overlap joints= 100 cm Offset Overlap joints at least 140 cm
- ④ 63x10 L=12000 bend according to formwork course. Overlap joints = 50 cm Offset Overlap joints at least 85 cm
- ⑤ 35x8 L=12000 bend according to formwork course. Overlap joints = 40 cm Offset Overlap joints at least 55 cm
- ⑥ 120x6 L=12000 bend according to formwork course. Overlap joints = 30 cm Offset Overlap joints at least 40 cm
- ⑦ 40x8 L=7000 e=10cm with r=7,40 m e=20cm with r=14,90 m
- ⑧ 22x6 L=4700 e=8,5cm with r=3,15 m e=27cm with r=7,20 m
- ⑨ 25x6 L=10000 e=8cm with r=3,25 m e=31,5cm with r=12,75m
- ⑩ 23x4 L=9000 e=7,5cm with r=2,80 m e=30,5cm with r=11,40 m

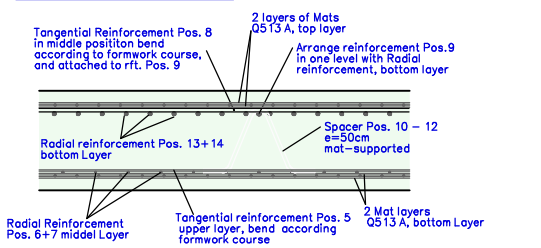
**Centering mandrils for supports, shaft rings and middle part of ceiling strips, deliver to cons. site in advance:**

- ① 80x29 L=2500 Use of 4 Pieces in the middle of the LL support, 8 Pieces for shaft rings, 8 Pieces for Ceiling strips
- ② 20x20 L=3200 for 1/2- and 1/4-circular shaft rings
- ③ 20x20 L=2000 for 1/4-circular shaft rings

**Spacer (Area I - V) and Reinforcement mounting for upper Tangential reinforcement Pos. 8 M.1:100**



**Detail "2" M.1:10**



Bending Roller Diameter acc. DIN 1045-1		Material specif. acc. DIN 1045-1	
Reinforcement Steel: BSt 500	Reinforcement concrete cover C <sub>nom</sub>	Blip. component	Concrete Quality
Bars, Applied heads <math>\frac{h}{4}</math> <math>\leq 20</math> mm and Loops <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Bodenplatte	C 35/45
Bending up <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Exposition class:	—
Down <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Four Side (St, W, N, S)	See: Slab bottom: 40cm
Down <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Bl. Steel: BSt 500 S	Bl. Steel: BSt 500 S
Down <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Steel: 100	Steel: 100
Down <math>\frac{h}{4}</math> <math>\leq 20</math> mm, <math>\frac{h}{4}</math> <math>\leq 20</math> mm	Reinforcement concrete cover C <sub>nom</sub>	Plan only valid in conjunction with the plan from Architect or specialist Engineer - Dimensions to be checked -	

Changes	Name	Date
b Floor Slab, Flood Risks		10/20/20
c Tubes V&S, Box Outlets, Details, Transition cabinet pass., etc.		10/20/20

**MUSTERMANN**  
a Company builds

**Sample BLDG**

Water Engineering Office Sample City  
Sedimentation Tank Type BA 28-5.70m

Reinforcementplan  
1:50/10 Ste. 8555  
7/14/20 1b