

NITRIFICATION BASIN (1) - LINE 1 and LINE 3
 104 DISC DIFFUSERS / BASIN
 = MIRROR WELDING ON SITE
 8 DIFF. PIPE 4350-7, 625 (300-300) / BASIN
 8 DIFF. PIPE 3735-6, 625 (305-305) / BASIN

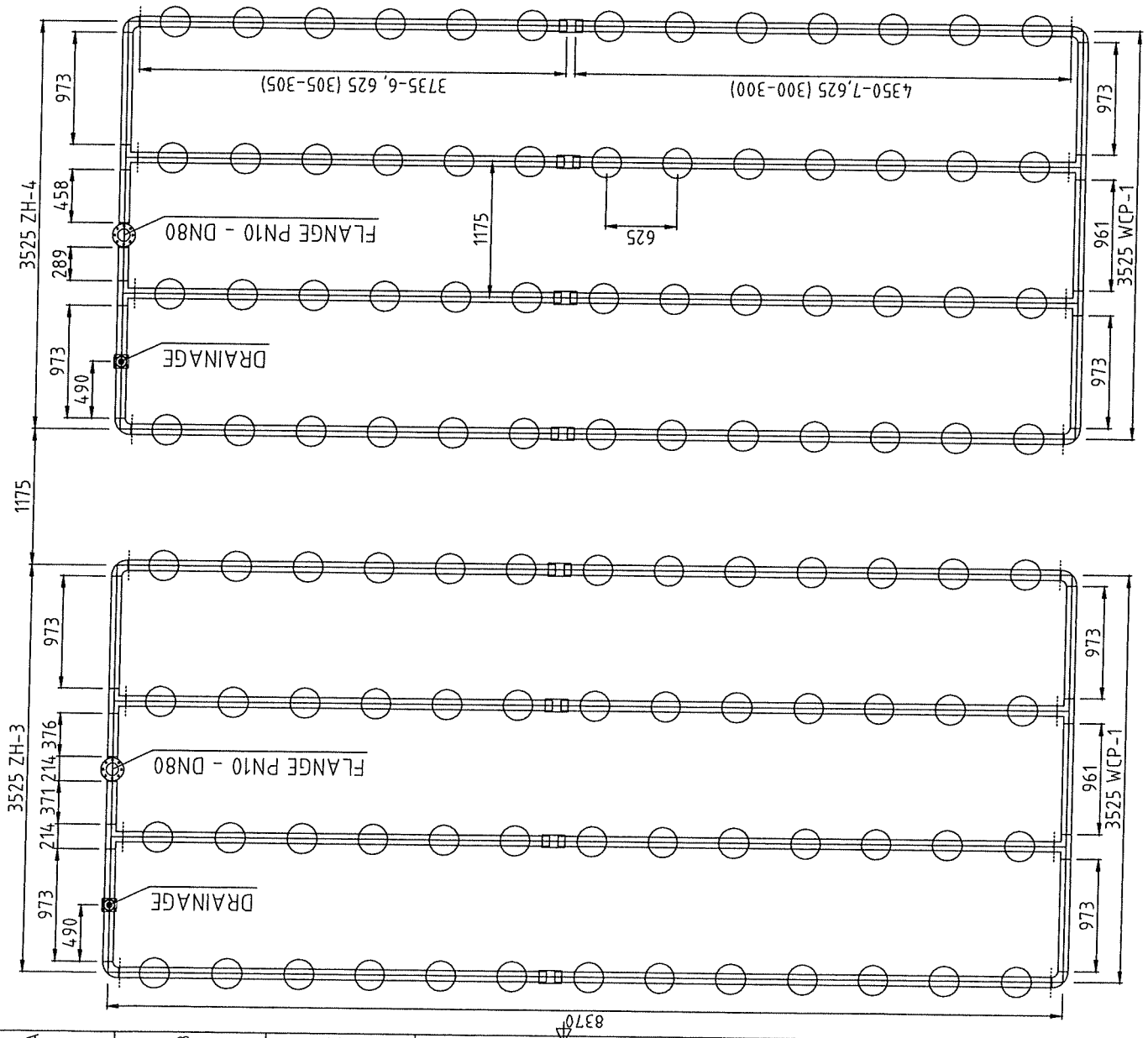
Drawing title AERATION SYSTEM Layout	Plant name SOKOLOV	
	Date 1 JULY 2013	Drawing number SOK - Nitrification (1) - Line 1 and Line 3
INVENT AERATION SERVICES SRL Via Paraviani 30 20052 Monza		Revision 6

NITRIFICATION BASIN (1) - LINE 2
 104 DISC DIFFUSERS / BASIN

..... = MIRROR WELDING ON SITE

8 DIFF. PIPE 4350-7, 625 (300-300) / BASIN

8 DIFF. PIPE 3735-6, 625 (305-305) / BASIN



Drawing title
 AERATION SYSTEM
 Layout

Plant name
 SOKOLOV


INVENT AERATION SERVICES SRL
 Via Paravichi 30
 20052 Monza


Date
 1 JULY 2013
 Drawing number
 SOK - Nitrification (1) - Line 2

Revision
 6

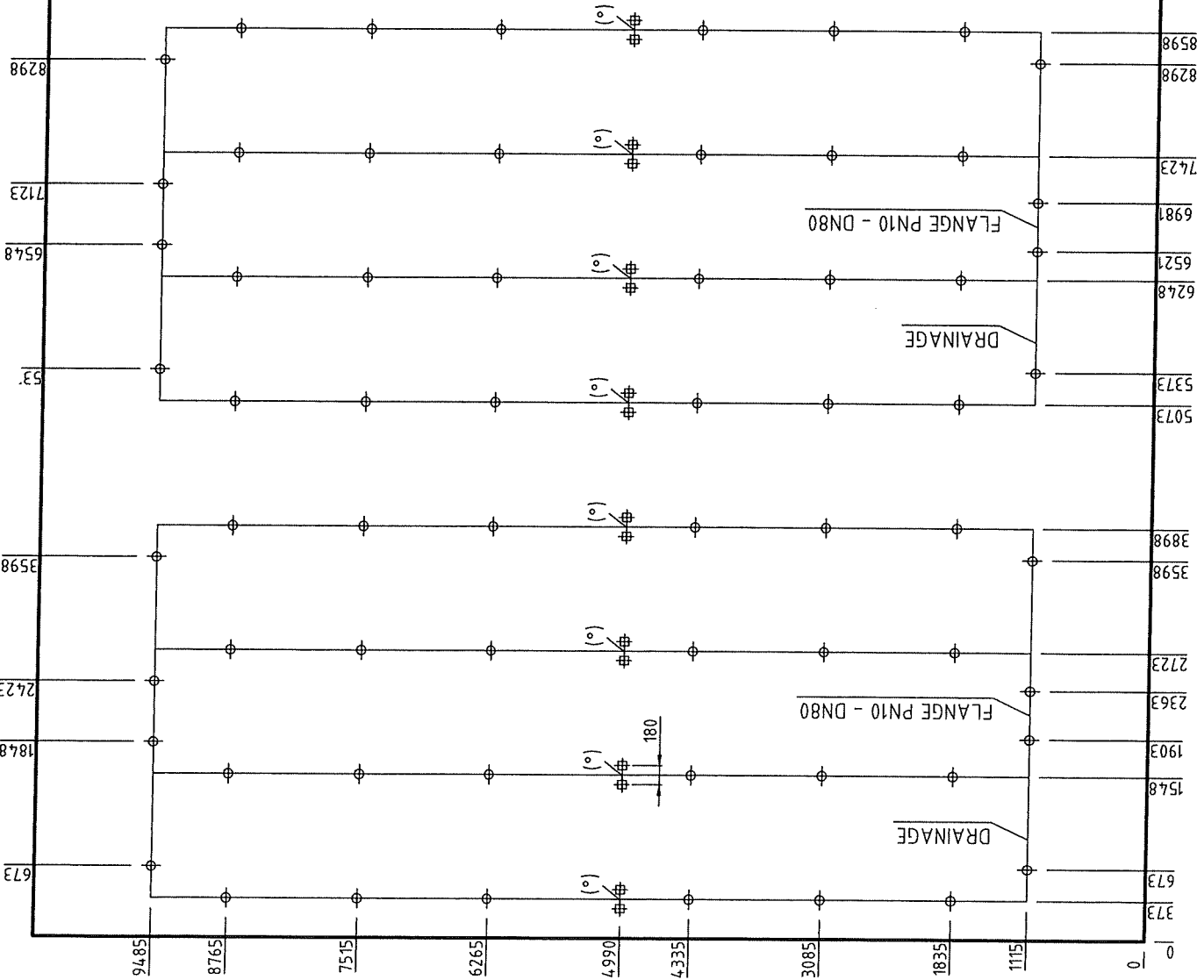
NITRIFICATION BASIN (1) - LINE 1 and LINE 3
104 iDISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

- 
 FIXING SUPPORTS HP90 (64 PCS)
 fixed with Anchor wedge
 DRILL HOLE 10 mm
 DRILL DEPTH 70 mm

- 
 FIXING SUPPORTS AS100 (ø110mm) (8 PCS)
 DRILL HOLE 12 mm
 DRILL DEPTH 40 mm
 DISTANCE BETWEEN HOLES 180 mm

(°) P190L = polypropylene joint long (L=200mm)



Drawing title
AERATION SYSTEM
Fixing Support Scheme


Plant name
SOKOLOV


Date
19 JULY 2013
Drawing number
SOK-NIT(1)-L1-L3-FSS
Revision
6

INVENT AERATION SERVICES SRL
Via Paravichi, 30
20052 Monza

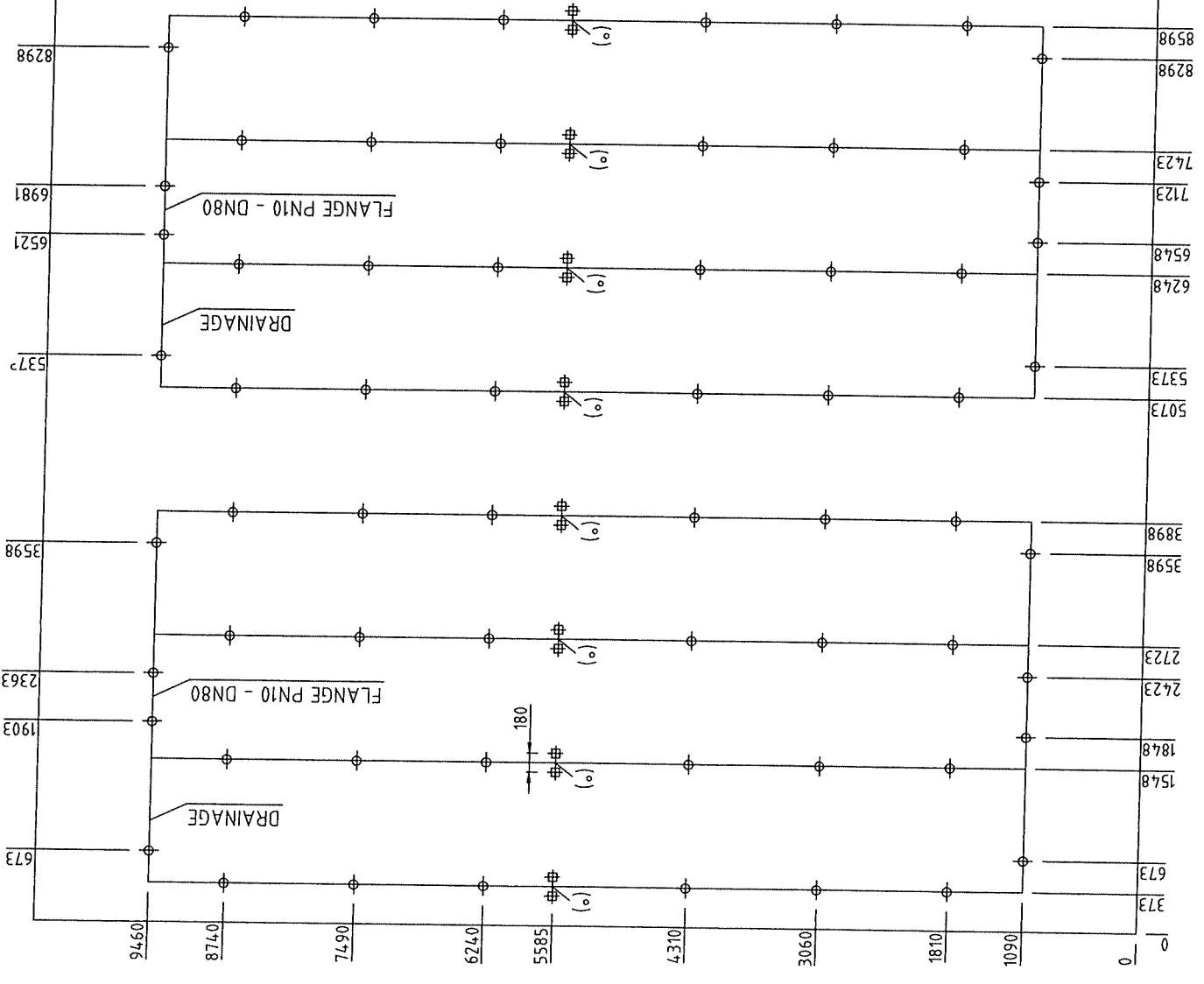
NITRIFICATION BASIN (1) - LINE 2
104 IDISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

- 
 FIXING SUPPORTS HP90 (64 PCS)
 fixed with Anchor wedge
 DRILL HOLE 10 mm
 DRILL DEPTH 70 mm

- 
 FIXING SUPPORTS AS100 (ø110mm) (8 PCS)
 DRILL HOLE 12 mm
 DRILL DEPTH 40 mm
 DISTANCE BETWEEN HOLES 180 mm

- (°) P J90L = polypropylene joint long (L=200mm)



Drawing title
AERATION SYSTEM
Fixing Support Scheme

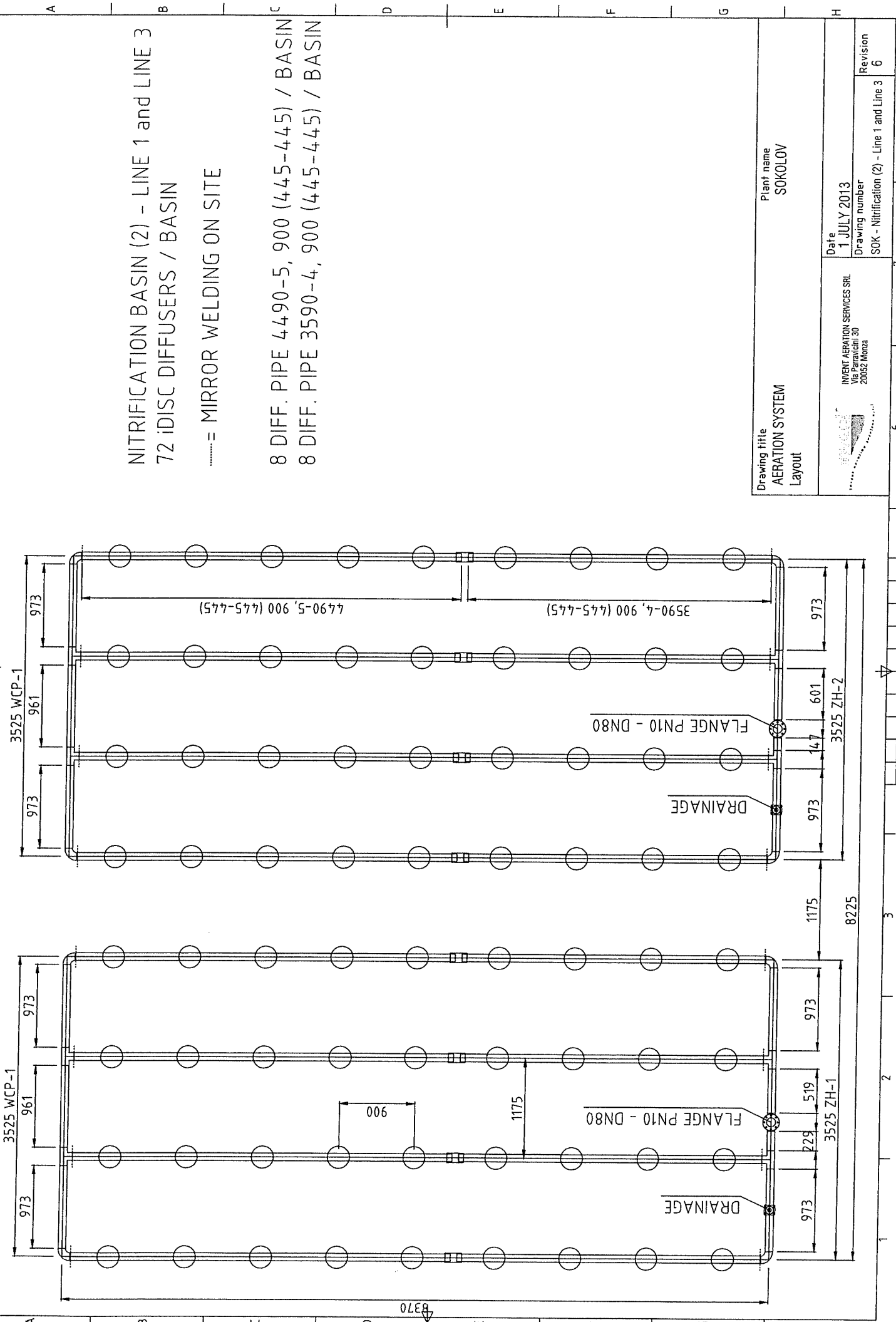
Plant name
SOKOLOV

Date
19 JULY 2013

INVENT AERATION SERVICES SRL
Via P. Ravelli 30
20052 Monza

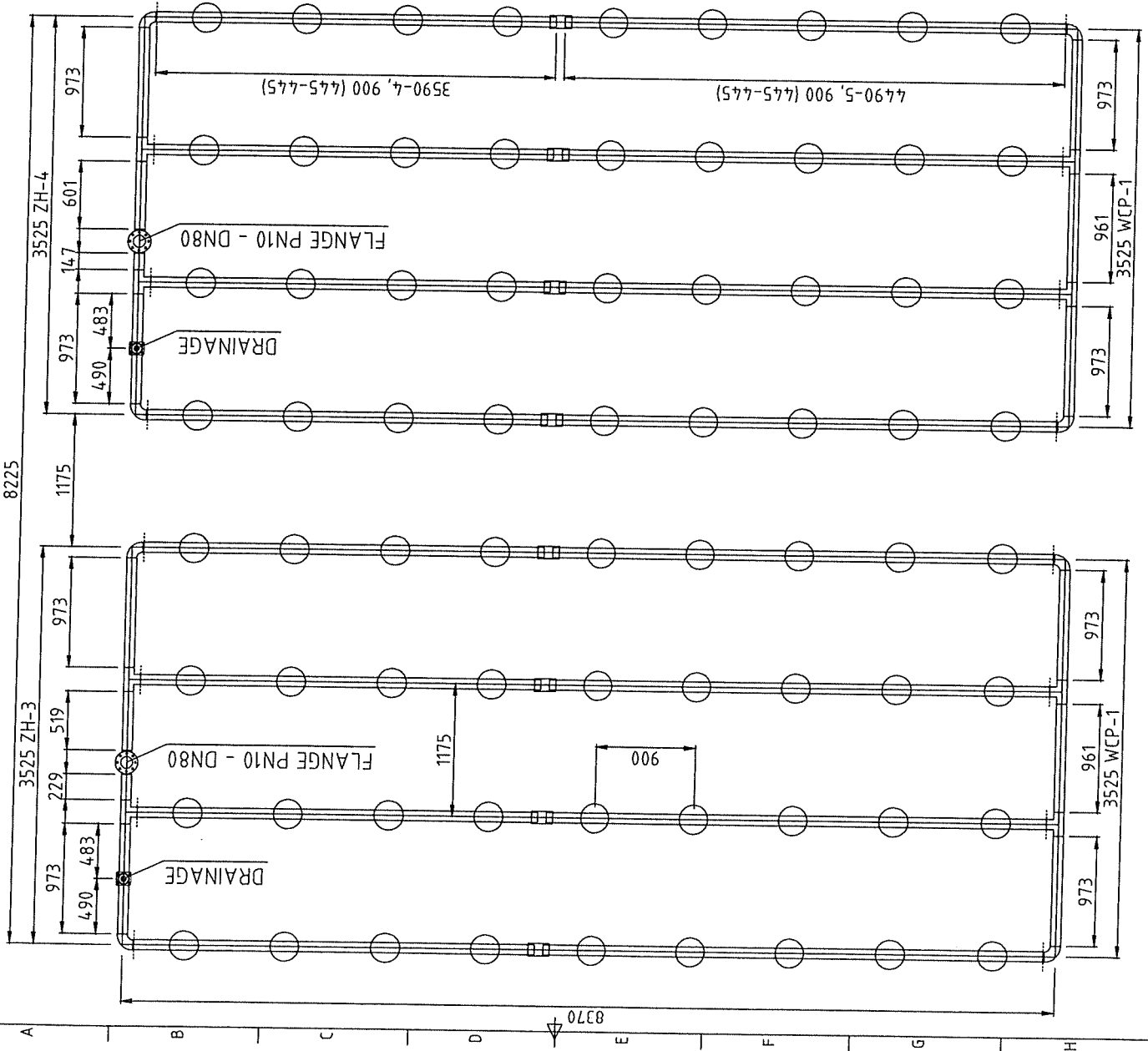
Drawing number
SOK-NIT(1)-L2-FSS

Revision
6



NITRIFICATION BASIN (2) - LINE 1 and LINE 3
 72 DISC DIFFUSERS / BASIN
 = MIRROR WELDING ON SITE
 8 DIFF. PIPE 4490-5, 900 (445-445) / BASIN
 8 DIFF. PIPE 3590-4, 900 (445-445) / BASIN

Drawing title AERATION SYSTEM Layout		Plant name SOKOLOV	
INVENT AERATION SERVICES SRL Via Parakichi 30 20062 Monza		Date 1 JULY 2013	Revision 6
		Drawing number SOK - Nitrification (2) - Line 1 and Line 3	Revision 6




NITRIFICATION BASIN (2) - LINE 2
 72 DISC DIFFUSERS / BASIN

----- = MIRROR WELDING ON SITE

8 DIFF. PIPE 4490-5, 900 (445-445) / BASIN
 8 DIFF. PIPE 3590-4, 900 (445-445) / BASIN

Drawing title
AERATION SYSTEM
 Layout

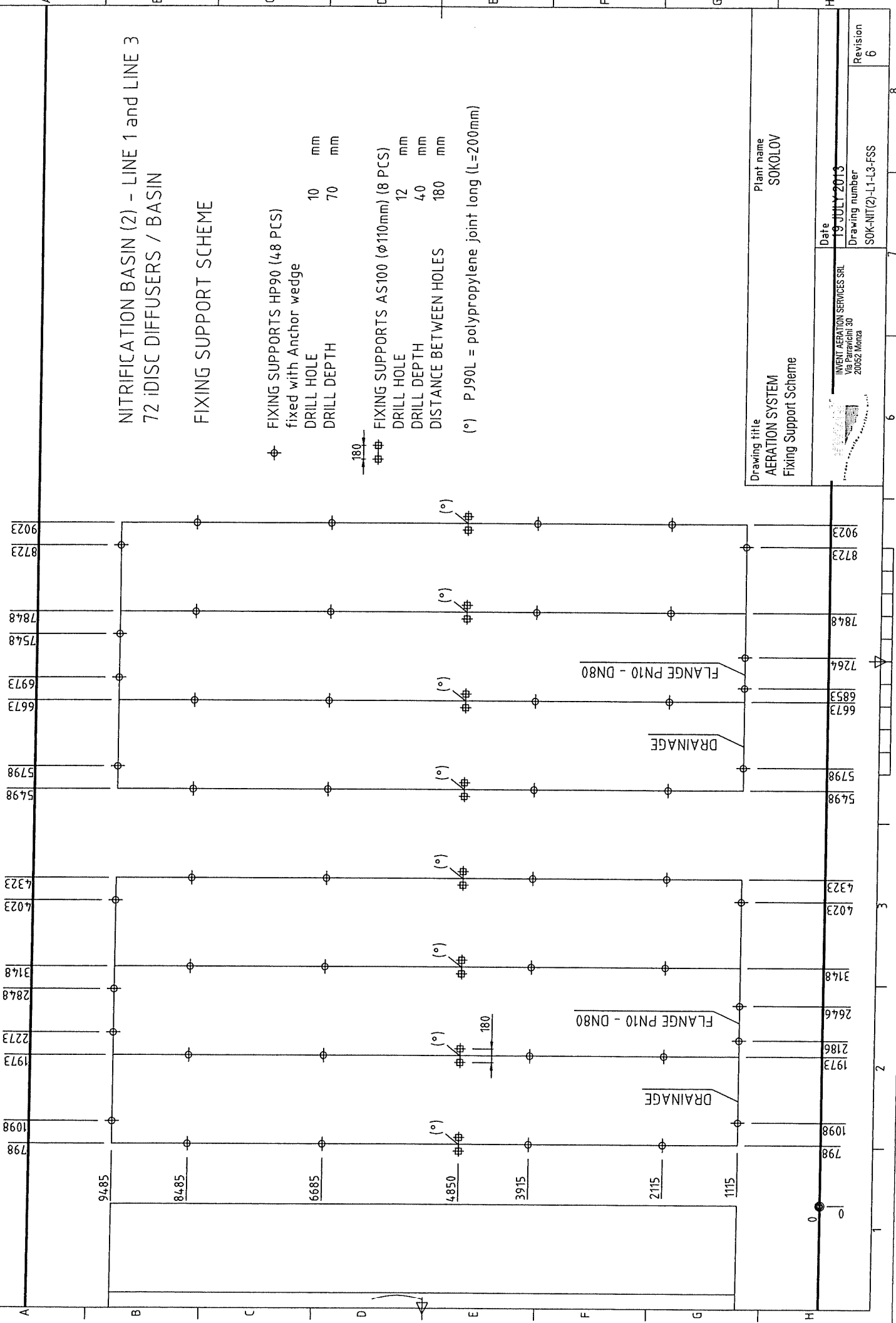
Plant name
 SOKOLOV

 INVENT AERATION SERVICES SRL Via Paravichini 30 20052 Monza	Date	1 JULY 2013
	Drawing number	SOK - Nitrification (2) - Line 2
Revision		6

NITRIFICATION BASIN (2) - LINE 1 and LINE 3
72 IDISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

- ⊕ FIXING SUPPORTS HP90 (48 PCS)
fixed with Anchor wedge
- DRILL HOLE 10 mm
- DRILL DEPTH 70 mm
- ⊕-⊕ 180
- ⊕-⊕ FIXING SUPPORTS AS100 (φ110mm) (8 PCS)
- DRILL HOLE 12 mm
- DRILL DEPTH 40 mm
- DISTANCE BETWEEN HOLES 180 mm
- (°) P J90L = polypropylene joint long (L=200mm)



Drawing title
AERATION SYSTEM
Fixing Support Scheme

Plant name
SOKOLOV

Date
19 JULY 2013

Drawing number
SOK-NIT(2)-L1-L3-FSS

Revision
6

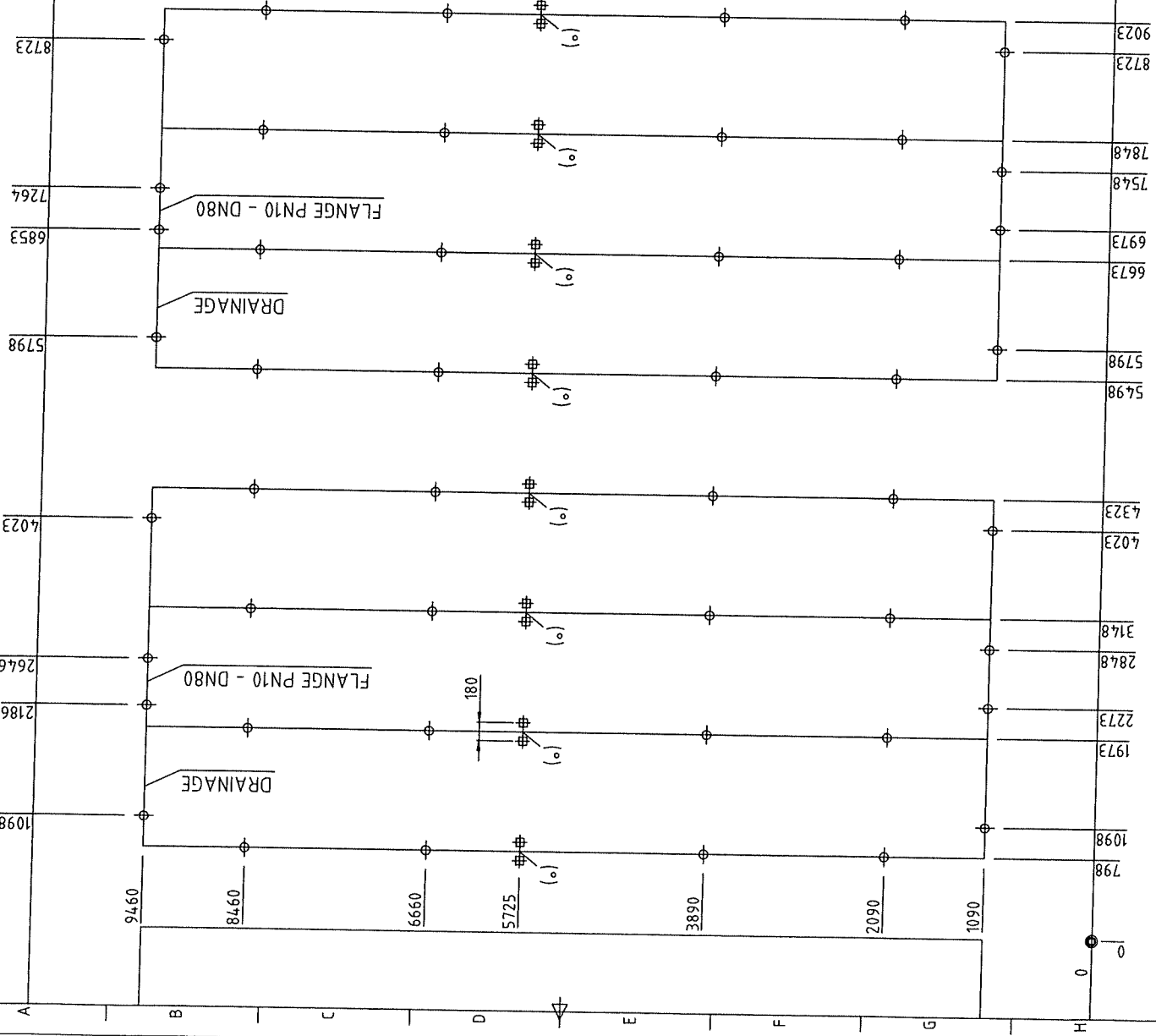
INVENT AERATION SERVICES SRL
Via Paravichini 30
20062 Monza

NITRIFICATION BASIN (2) - LINE 2
72 DISC DIFFUSERS / BASIN

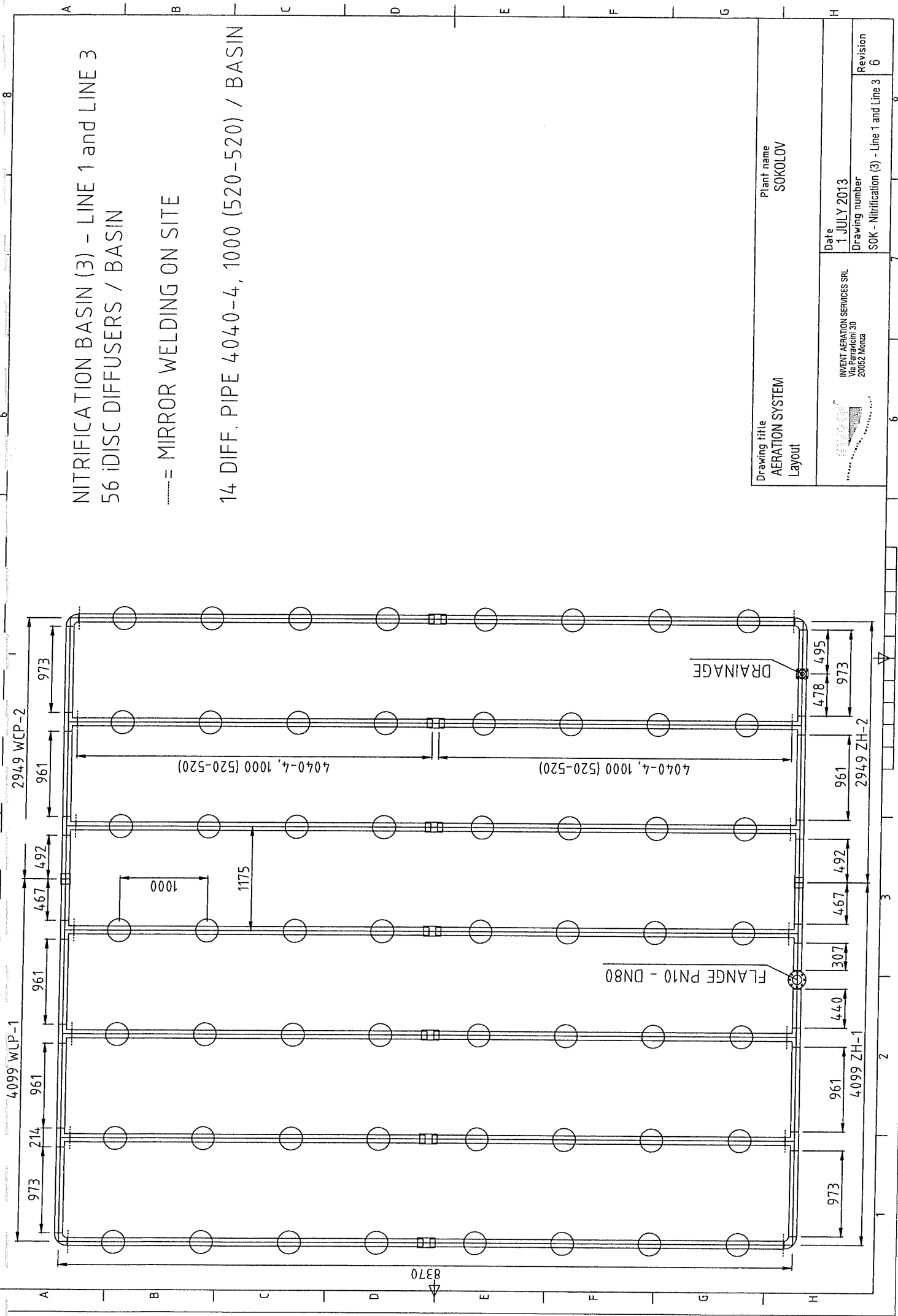
FIXING SUPPORT SCHEME

- ⊕ FIXING SUPPORTS HP90 (48 PCS)
fixed with Anchor wedge
- DRILL HOLE 10 mm
- DRILL DEPTH 70 mm
- ⊕-⊕ 180
- ⊕-⊕ FIXING SUPPORTS AS100 (∅110mm) (8 PCS)
- DRILL HOLE 12 mm
- DRILL DEPTH 40 mm
- DISTANCE BETWEEN HOLES 180 mm

(°) P190L = polypropylene joint long (L=200mm)



Drawing title AERATION SYSTEM Fixing Support Scheme		Plant name SOKOLOV	
INVENT AERATION SERVICES SRL Via Paravolini 30 20052 Monza		Date 19 JULY 2013	Revision 6
Drawing number SOK-NIT(2)-L2-FSS			



NITRIFICATION BASIN (3) - LINE 1 and LINE 3
 56 iDISC DIFFUSERS / BASIN

-----= MIRROR WELDING ON SITE

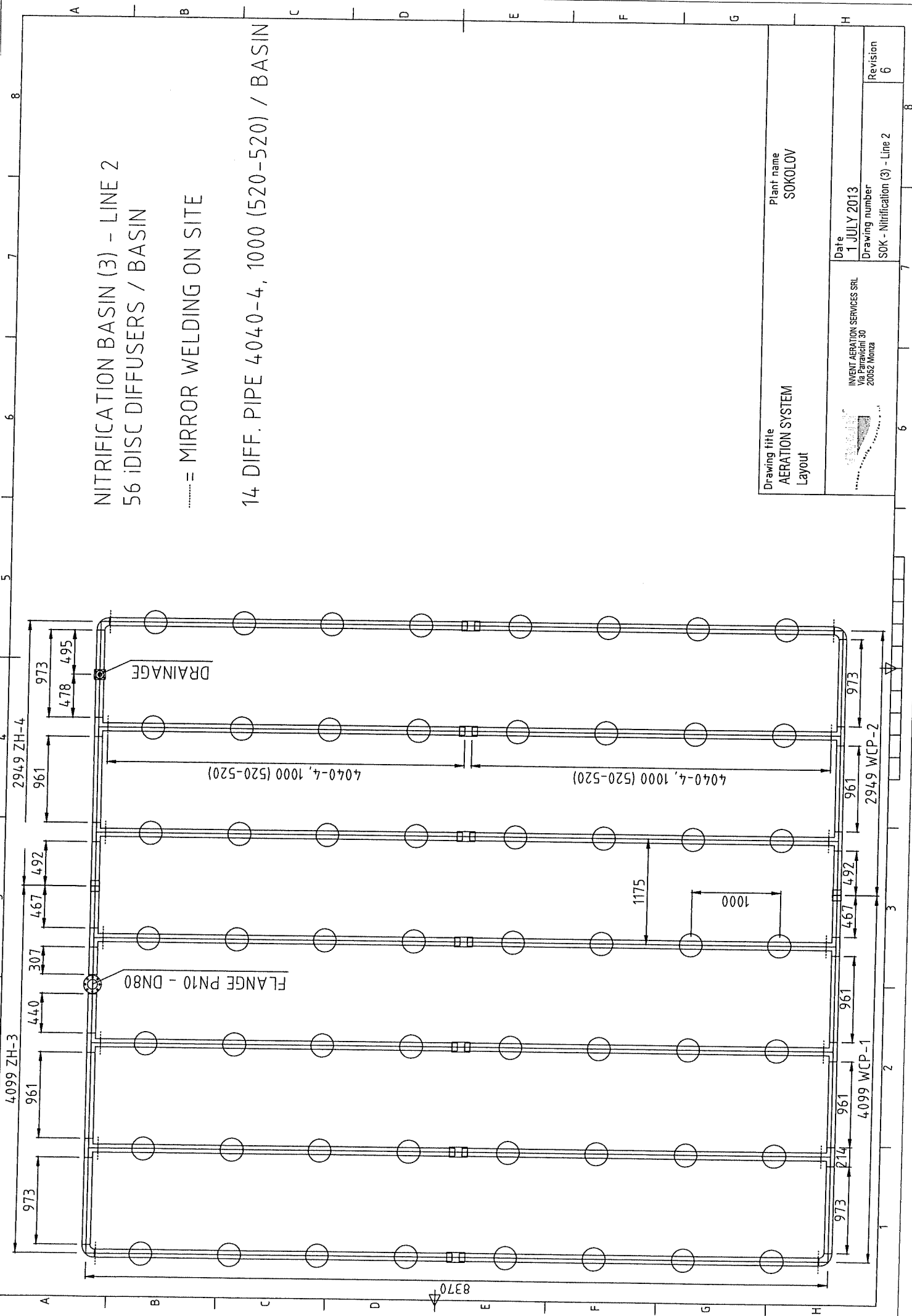
14 DIFF. PIPE 4040-4, 1000 (520-520) / BASIN

Drawing title AERATION SYSTEM Layout	Plant name SOKOLOV	
	Date 1 JULY 2013	Drawing number SOK - Nitrification (3) - Line 1 and Line 3
INVENT AERATION SERVICES SRL Via Paravichi 30 20082 Monza	Revision 6	

NITRIFICATION BASIN (3) - LINE 2
 56 DISC DIFFUSERS / BASIN

..... = MIRROR WELDING ON SITE

14 DIFF. PIPE 4040-4, 1000 (520-520) / BASIN



Drawing title
 AERATION SYSTEM
 Layout

Plant name
 SOKOLOV

INVENT AERATION SERVICES SRL Via Parapicchi 30 20082 Monza	Date	1 JULY 2013
	Drawing number	SOK - Nitrification (3) - Line 2
		Revision
		6

NITRIFICATION BASIN (3) - LINE 1 and LINE 3
56 DISC DIFFUSERS / BASIN

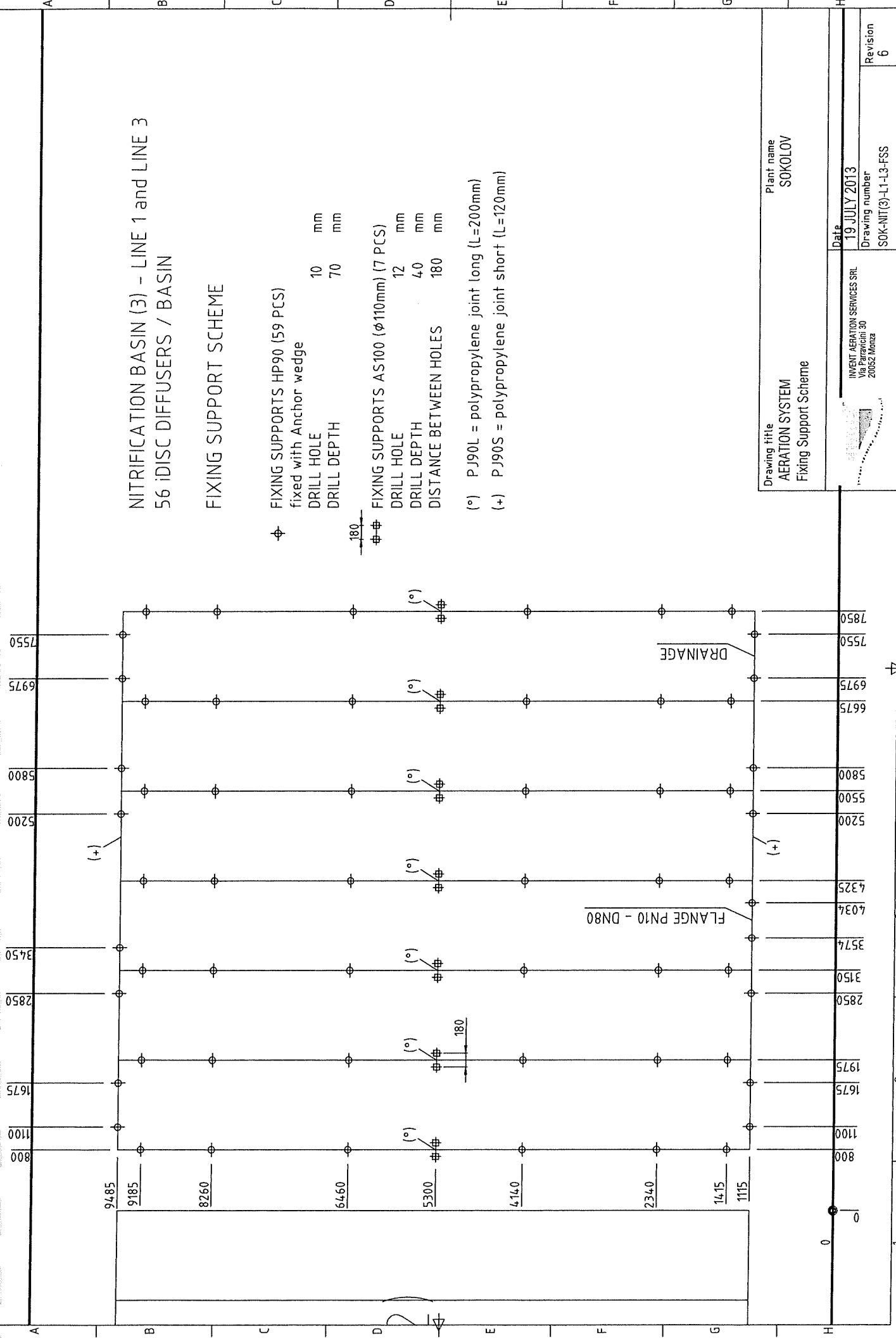
FIXING SUPPORT SCHEME

⊕ FIXING SUPPORTS HP90 (59 PCS)
fixed with Anchor wedge
DRILL HOLE 10 mm
DRILL DEPTH 70 mm



⊕ FIXING SUPPORTS AS100 (∅110mm) (7 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 180 mm

(°) P J90L = polypropylene joint long (L=200mm)
(+) P J90S = polypropylene joint short (L=120mm)



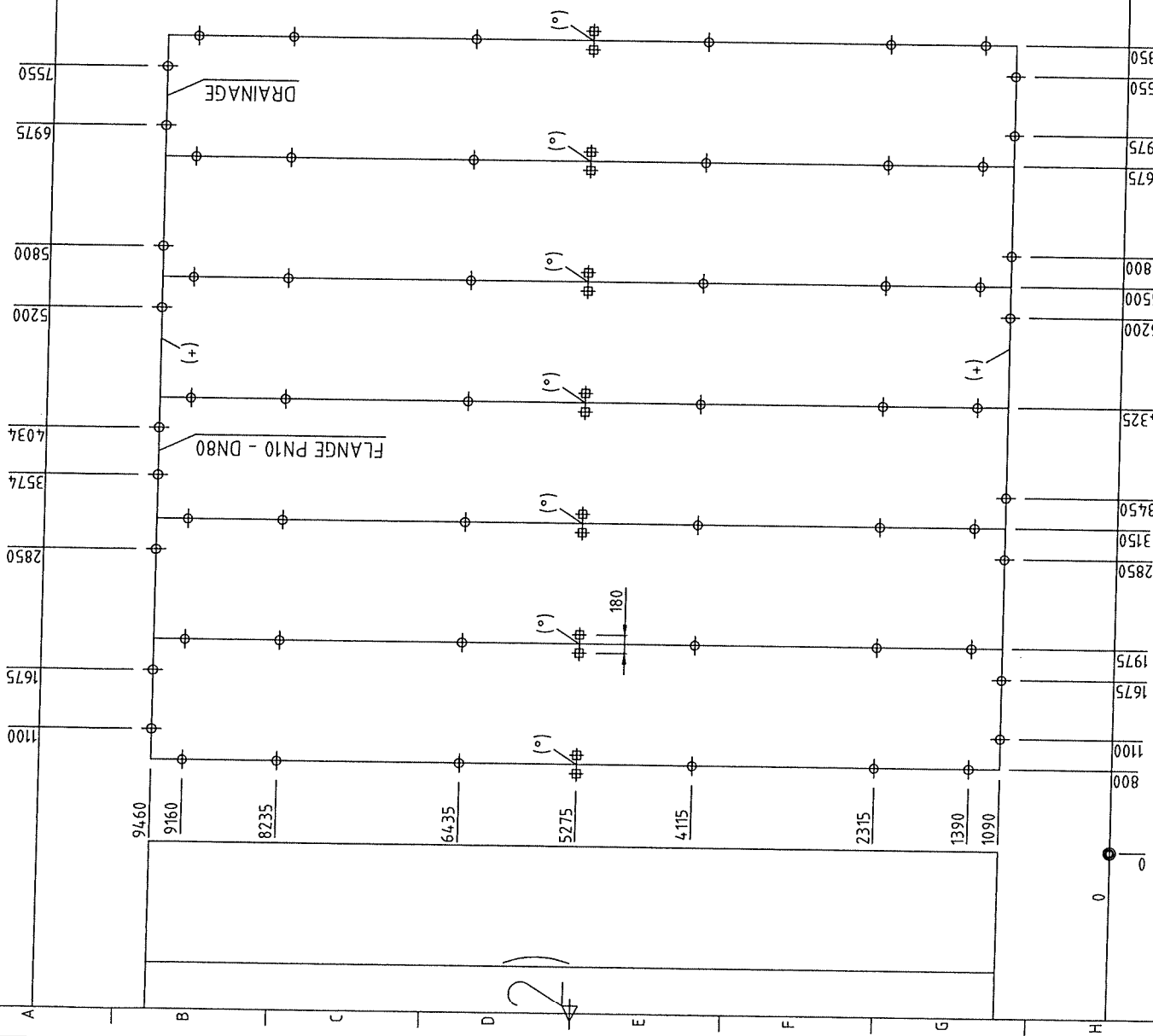
Drawing title AERATION SYSTEM Fixing Support Scheme		Plant name SOKOLOV	
INVENT AERATION SERVICES SRL Via Paravicini 30 20052 Monza		Date 19 JULY 2013	Revision 6
		Drawing number SOK-NIT(3)-L1-L3-FSS	

NITRIFICATION BASIN (3) - LINE 2
56 DISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

- ⊕ FIXING SUPPORTS HP90 (59 PCS)
fixed with Anchor wedge
DRILL HOLE 10 mm
DRILL DEPTH 70 mm
- ⊕-⊕ 180
FIXING SUPPORTS AS100 (∅110mm) (7 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 180 mm

(°) P J90L = polypropylene joint long (L=200mm)
(+) P J90S = polypropylene joint short (L=120mm)

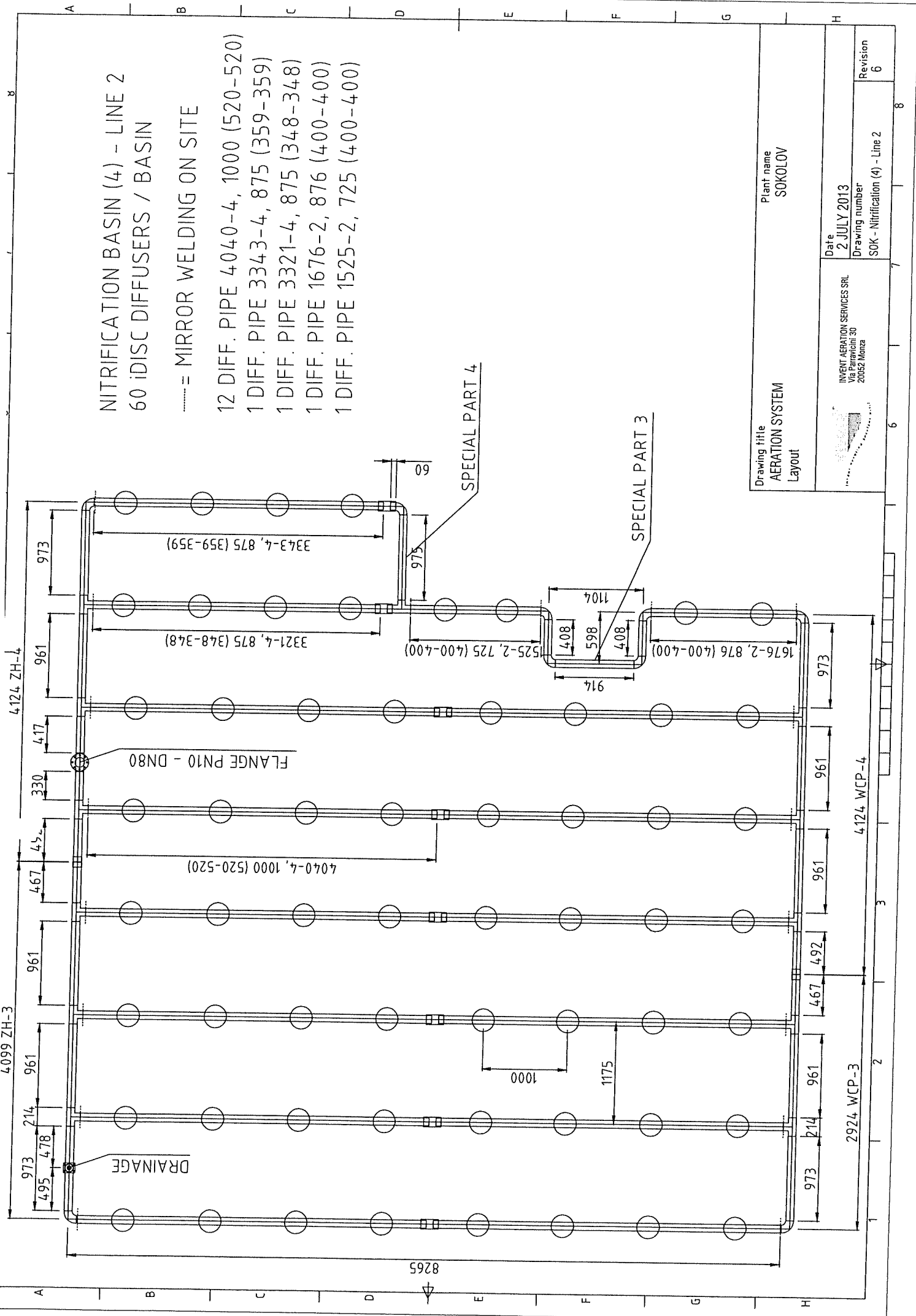


Drawing title
AERATION SYSTEM
Fixing Support Scheme

Plant name
SOKOLOV

Date	19 JULY 2013
Drawing number	SOK-NIT(3)-L2-FSS
Revision	6

INVENT AERATION SERVICES SRL
Via Peruchin 30
20052 Monza



NITRIFICATION BASIN (4) - LINE 2
 60 DISC DIFFUSERS / BASIN

..... = MIRROR WELDING ON SITE

- 12 DIFF. PIPE 4040-4, 1000 (520-520)
- 1 DIFF. PIPE 3343-4, 875 (359-359)
- 1 DIFF. PIPE 3321-4, 875 (348-348)
- 1 DIFF. PIPE 1676-2, 876 (400-400)
- 1 DIFF. PIPE 1525-2, 725 (400-400)

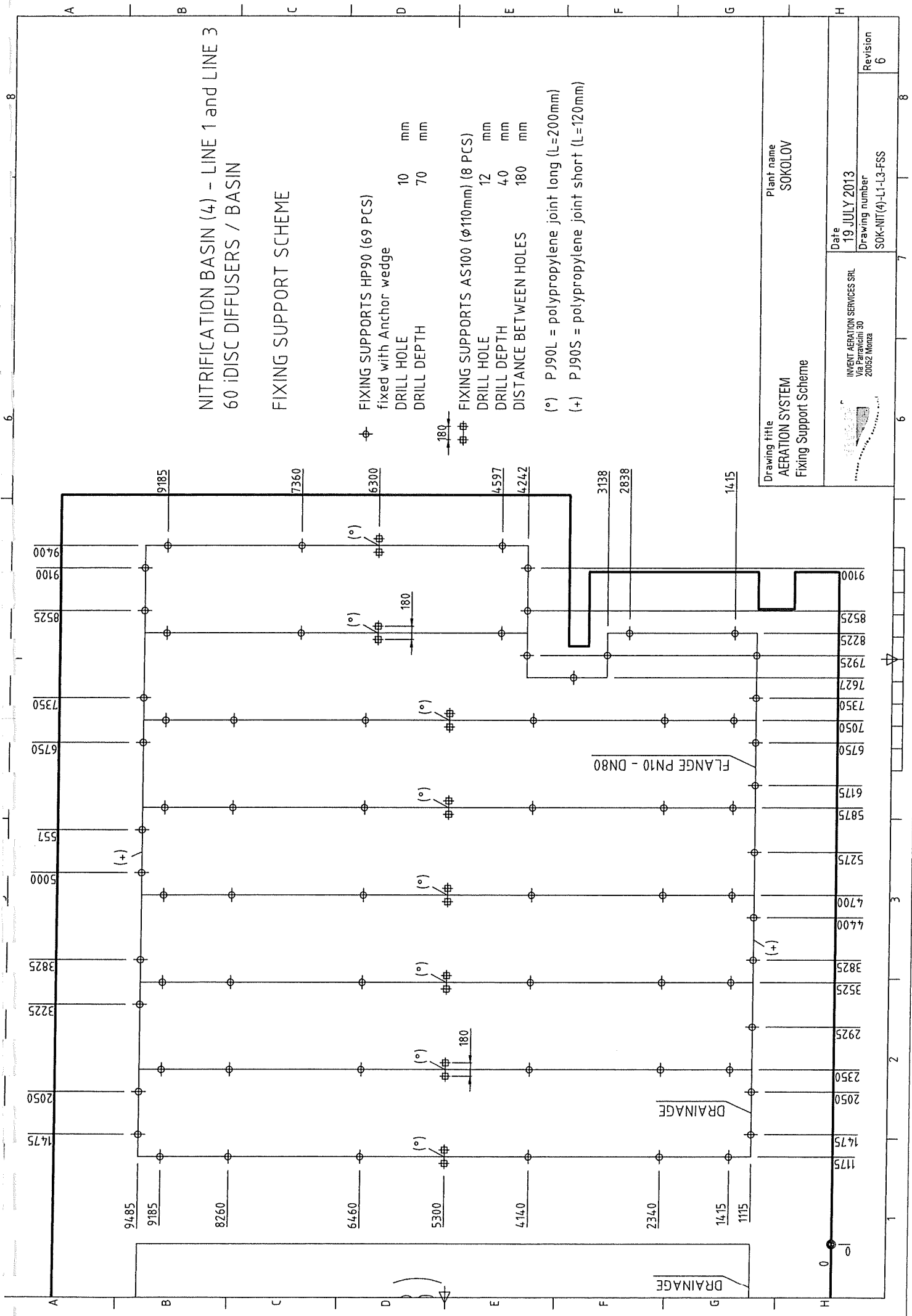
Drawing title
 AERATION SYSTEM
 Layout

Plant name
 SOKOLOV

Date
 2 JULY 2013
 Drawing number
 SOK - Nitrification (4) - Line 2

INVENT AERATION SERVICES SRL
 Via Paravichi 30
 20052 Monza

Revision
 6



NITRIFICATION BASIN (4) - LINE 1 and LINE 3
60 DISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

⊕ FIXING SUPPORTS HP90 (69 PCS)
fixed with Anchor wedge

DRILL HOLE 10 mm
DRILL DEPTH 70 mm



⊕ FIXING SUPPORTS AS100 (ø110mm) (8 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 180 mm

(°) P J90L = polypropylene joint long (L=200mm)
(+) P J90S = polypropylene joint short (L=120mm)

Drawing title AERATION SYSTEM Fixing Support Scheme		Plant name SOKOLOV	
Date 19 JULY 2013		Revision 6	
Drawing number SOK-INT(4)-L1-L3-FSS		Invent AERATION SERVICES SRL Via Paravicini, 30 20052 Monza	

NITRIFICATION BASIN (4) - LINE 2
60 DISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

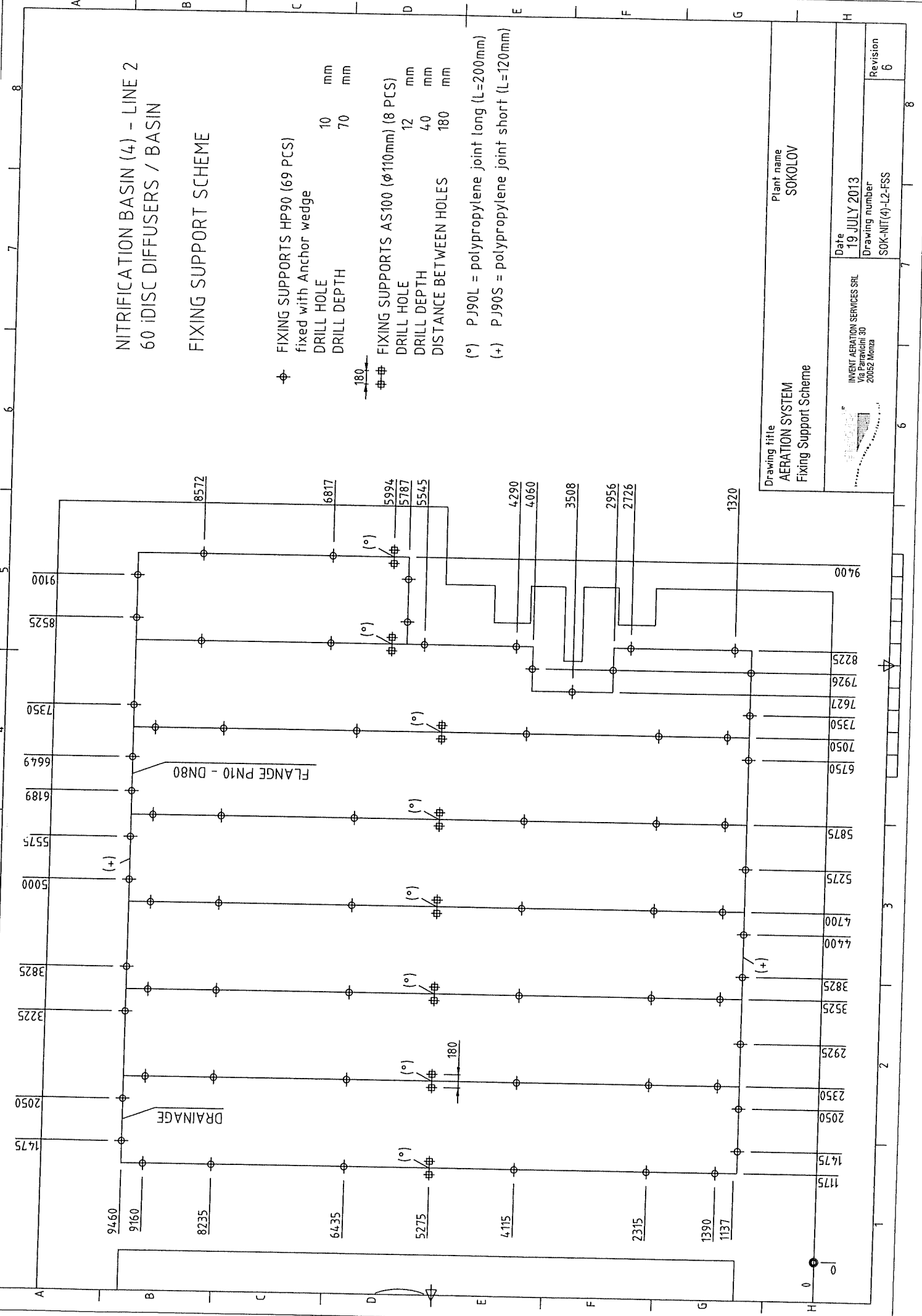
⊕ FIXING SUPPORTS HP90 (69 PCS)
fixed with Anchor wedge

DRILL HOLE 10 mm
DRILL DEPTH 70 mm



⊕ FIXING SUPPORTS AS100 (∅110mm) (8 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 180 mm

(°) P J90L = polypropylene joint long (L=200mm)
(+) P J90S = polypropylene joint short (L=120mm)

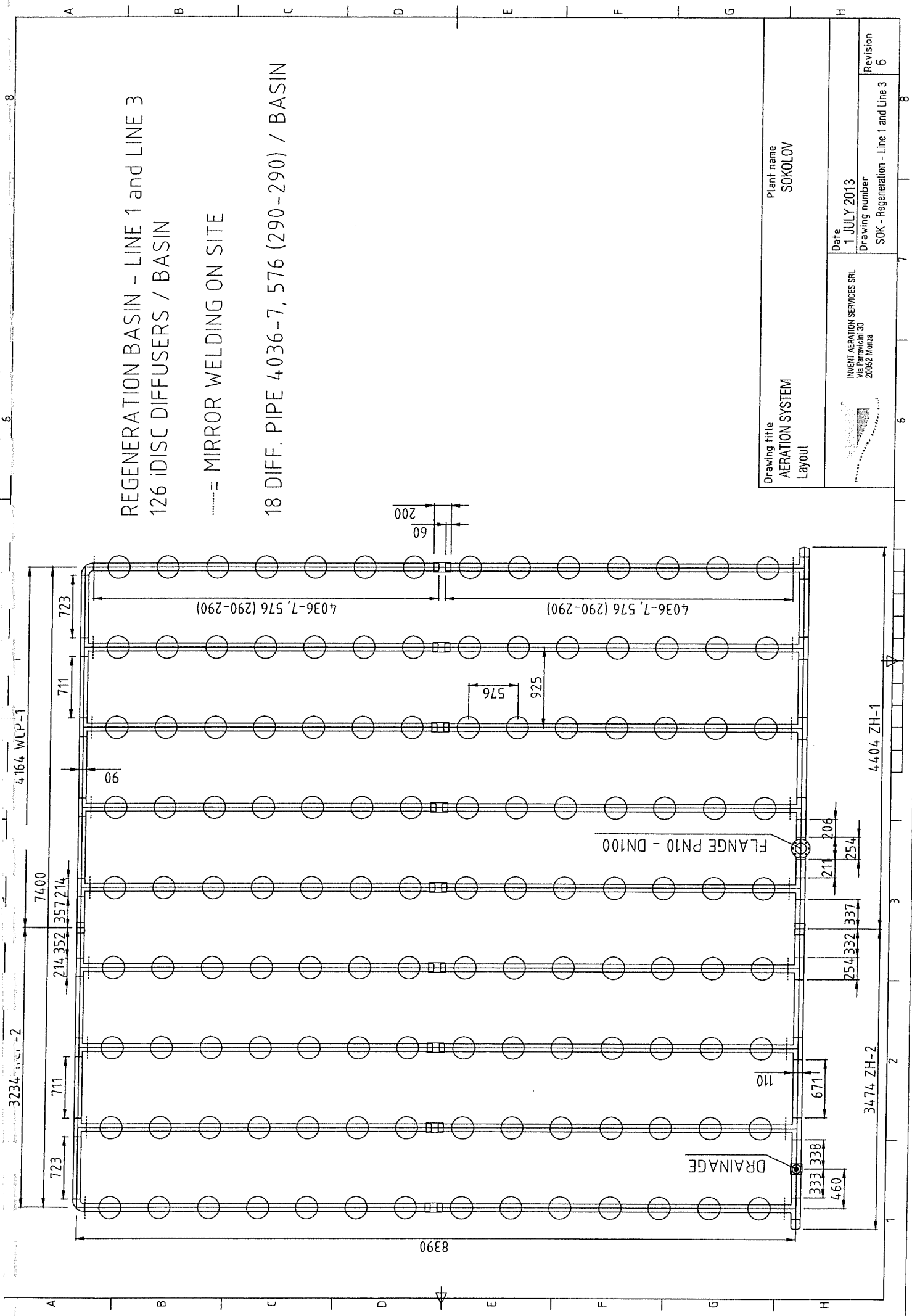


Drawing title AERATION SYSTEM Fixing Support Scheme		Plant name SOKOLOV	
INVENT AERATION SERVICES SRL Via Parraicini 30 20052 Monza		Date 19 JULY 2013	Revision 6
		Drawing number SOK-NIT(4)-L2-FSS	

REGENERATION BASIN - LINE 1 and LINE 3
 126 DISC DIFFUSERS / BASIN


..... = MIRROR WELDING ON SITE

18 DIFF. PIPE 4036-7, 576 (290-290) / BASIN



Drawing title
 AERATION SYSTEM
 Layout

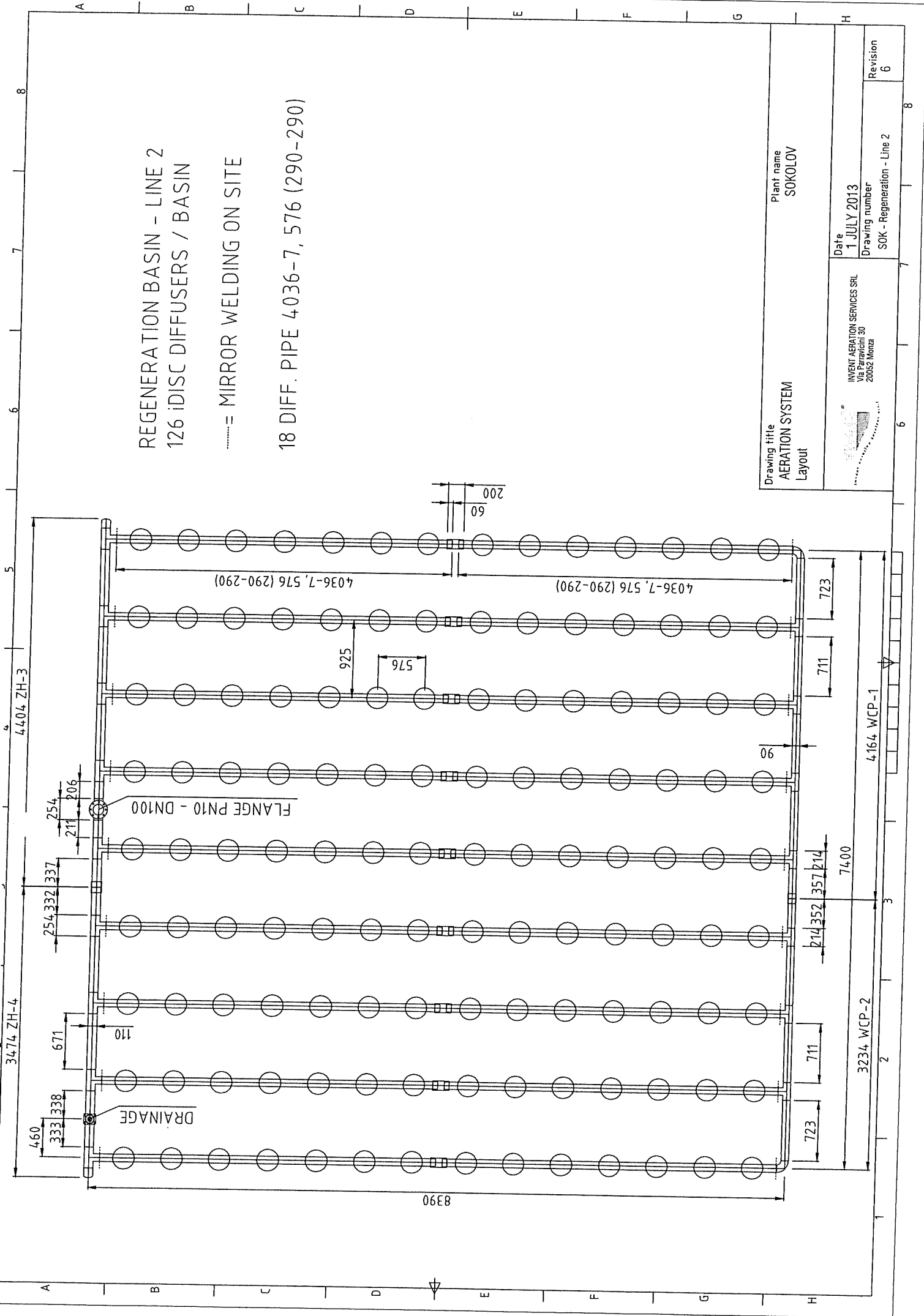
Plant name
 SOKOLOV

 INVENT AERATION SERVICES S.R.L. Via Parawoiti 30 20052 Monza	Date 1 JULY 2013	Revision 6
	Drawing number SOK - Regeneration - Line 1 and Line 3	

REGENERATION BASIN - LINE 2
126 DISC DIFFUSERS / BASIN

----- = MIRROR WELDING ON SITE

18 DIFF. PIPE 4036-7, 576 (290-290)

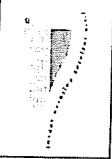


Drawing title
AERATION SYSTEM
Layout

Plant name
SOKOLOV

Date
1 JULY 2013
Drawing number
SOK - Regeneration - Line 2

INVENT AERATION SERVICES SRL
Via Paravicini 30
20052 Monza

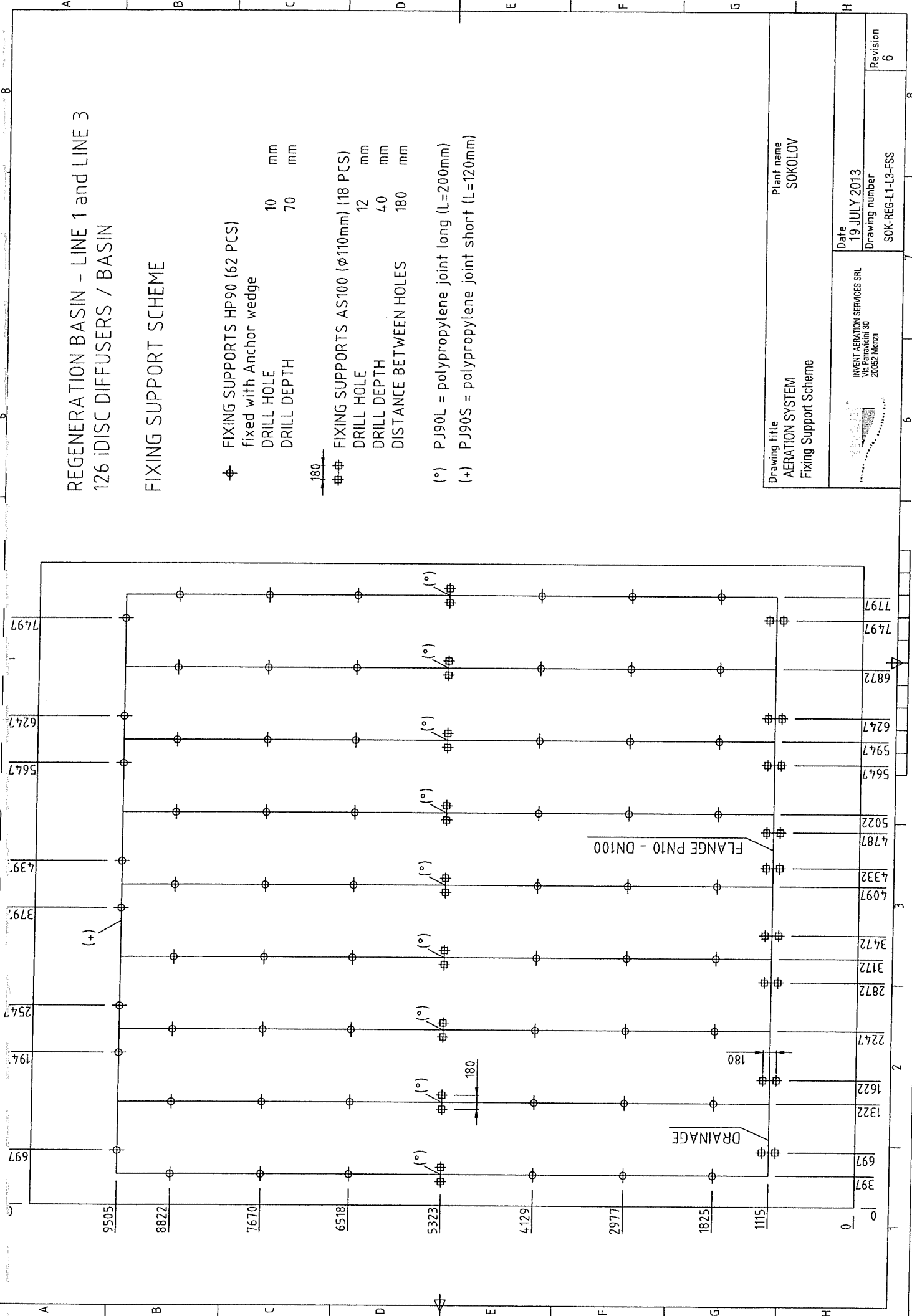


Revision
6

REGENERATION BASIN - LINE 1 and LINE 3
126 DISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

- ⊕ FIXING SUPPORTS HP90 (62 PCS)
fixed with Anchor wedge
DRILL HOLE 10 mm
DRILL DEPTH 70 mm
- ⊕-⊕ FIXING SUPPORTS AS100 (∅110mm) (18 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 180 mm
- (°) P J90L = polypropylene joint long (L=200mm)
- (+) P J90S = polypropylene joint short (L=120mm)



Drawing title
AERATION SYSTEM
Fixing Support Scheme

Plant name
SOKOLOV

Date
19 JULY 2013
Drawing number
SOK-REG-L1-L3-FSS

INVENT AERATION SERVICES SRL
Via Paravichini 30
20052 Monza

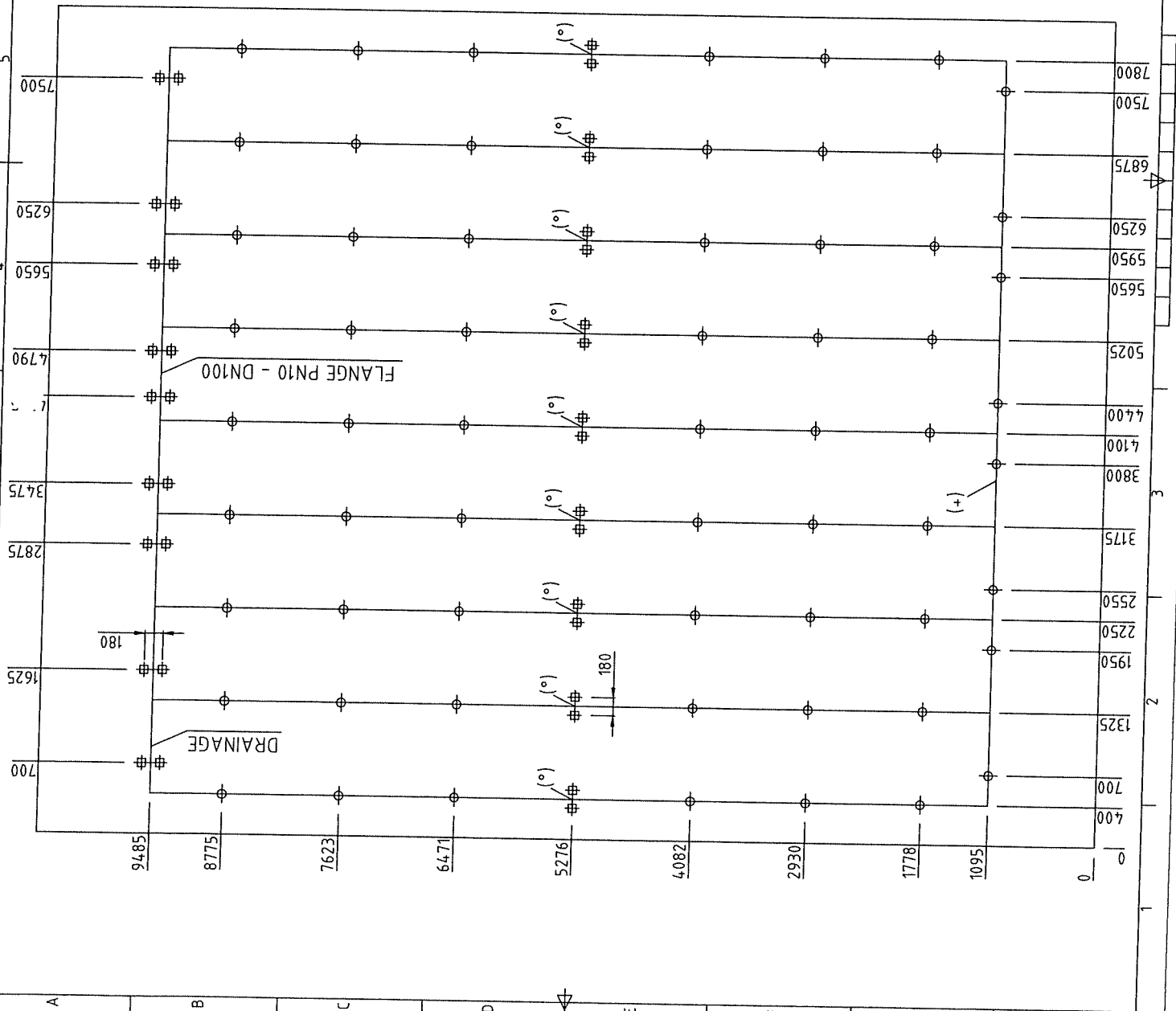
Revision
6

REGENERATION BASIN - LINE 2
126 iDISC DIFFUSERS / BASIN

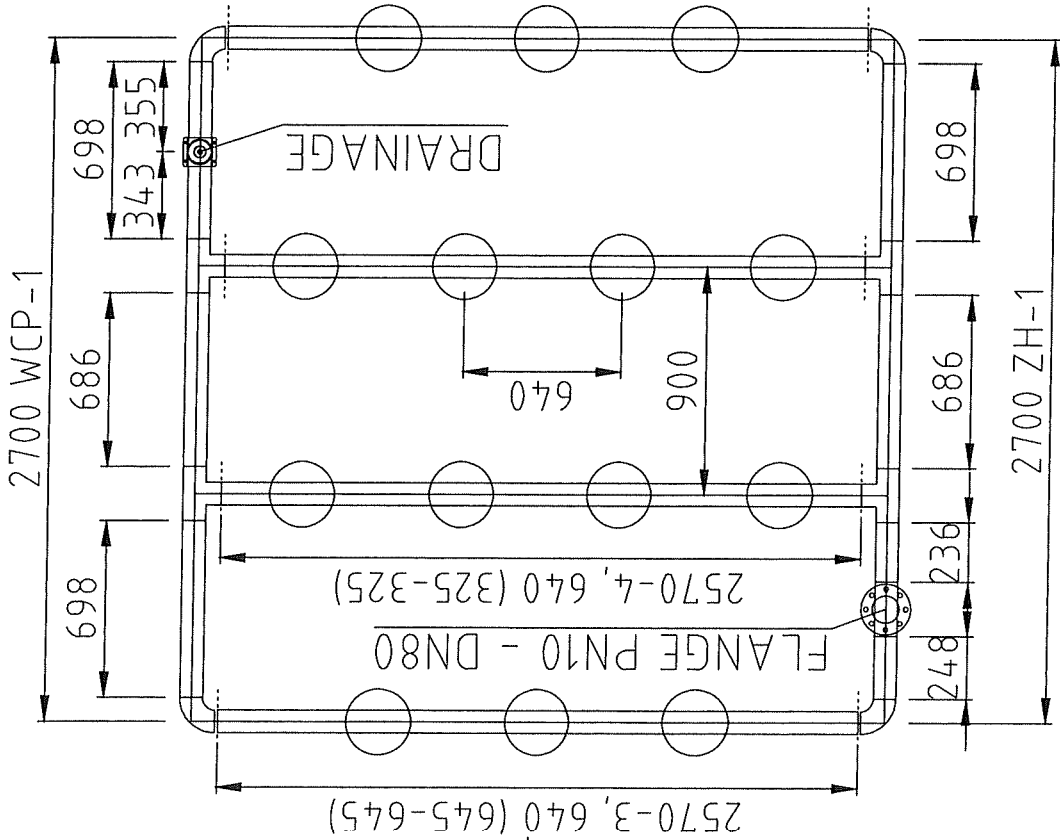
FIXING SUPPORT SCHEME

- ⊕ FIXING SUPPORTS HP90 (62 PCS)
fixed with Anchor wedge
- DRILL HOLE 10 mm
- DRILL DEPTH 70 mm
- ⊕ 180
- ⊕ FIXING SUPPORTS AS100 (∅110mm) (18 PCS)
- DRILL HOLE 12 mm
- DRILL DEPTH 40 mm
- DISTANCE BETWEEN HOLES 180 mm


- (°) P J90L = polypropylene joint long (L=200mm)
- (+) P J90S = polypropylene joint short (L=120mm)

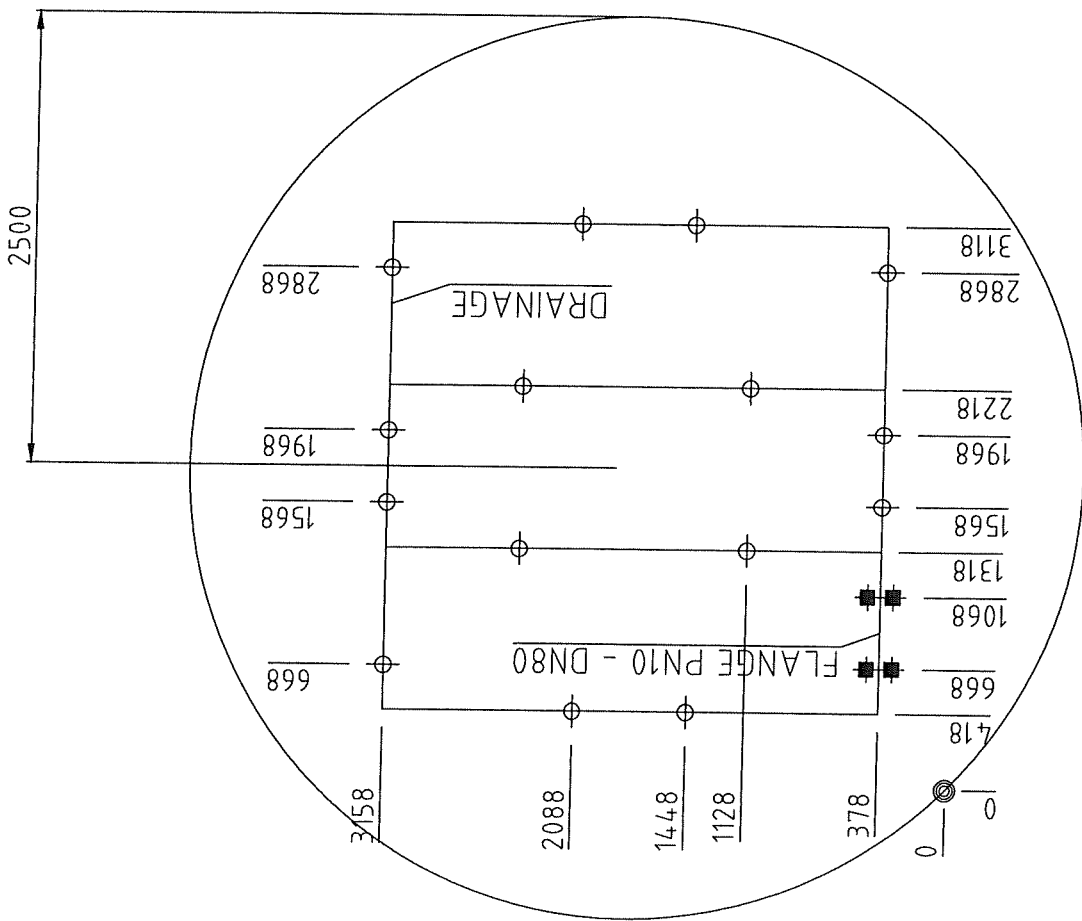


Drawing title AERATION SYSTEM Fixing Support Scheme	Plant name SOKOLOV	
	Date 19 JULY 2013	Drawing number SOK-REG-L2-FSS
INVENT AERATION SERVICES SRL Via Paravolini 30 20052 Monza		Revision 6



SLUDGE BASIN
 14 DISC DIFFUSERS / BASIN
 = MIRROR WELDING ON SITE
 2 DIFF. PIPE 2570-4, 640 (325-325)
 2 DIFF. PIPE 2570-3, 640 (645-645)

Drawing title AERATION SYSTEM Layout		Plant name SOKOLOV	
		Date 1 JULY 2013	Revision 6
INVENT AERATION SERVICES SRL Via Paravolini 30 20052 Monza		Drawing number SOK - Sludge	

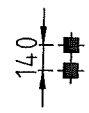


SLUDGE BASIN
14 iDISC DIFFUSERS / BASIN

FIXING SUPPORT SCHEME

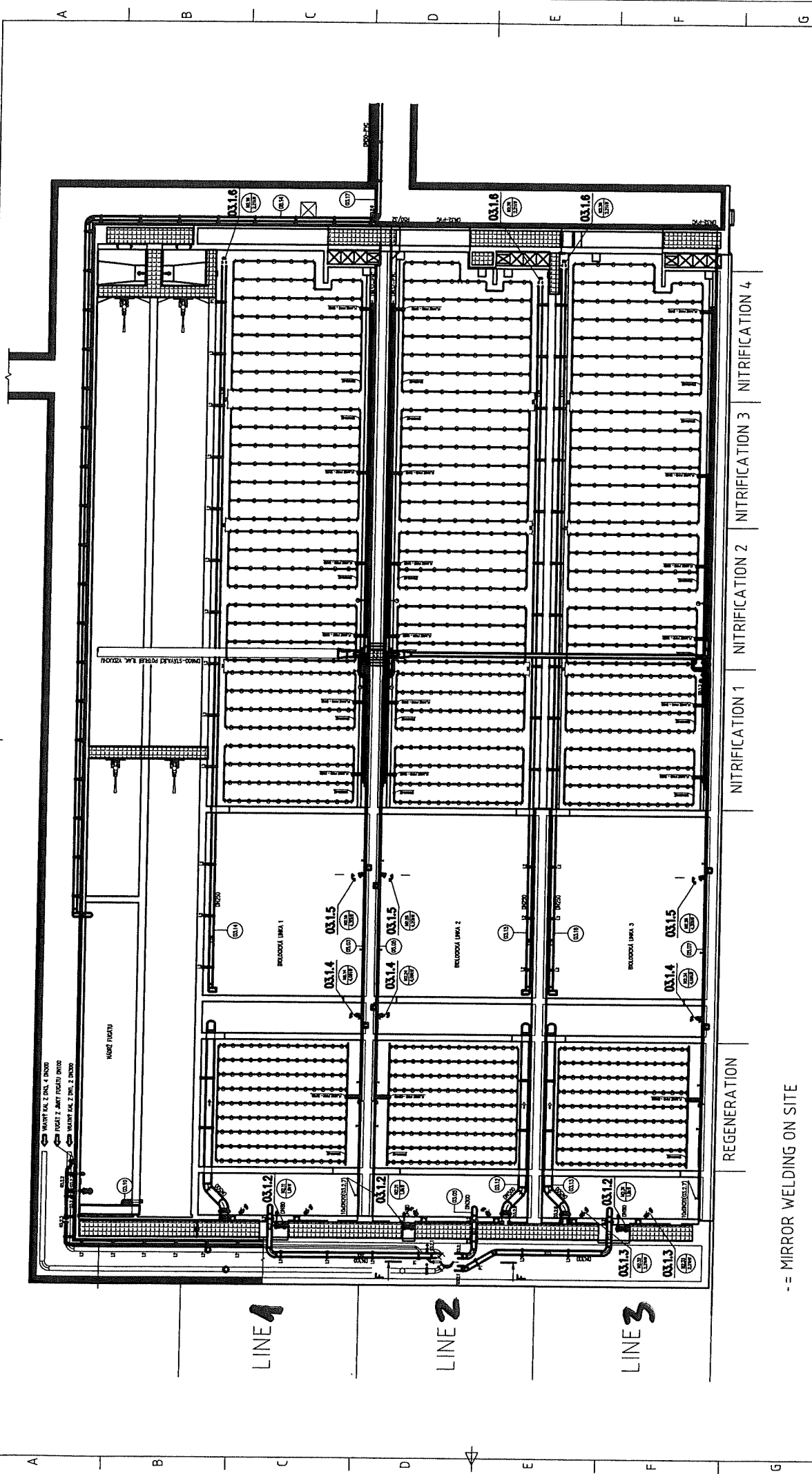
⊕ FIXING SUPPORTS HP90 (15 PCS)
fixed with Anchor wedge

DRILL HOLE 10 mm
DRILL DEPTH 70 mm



■ FIXING SUPPORTS AS80 (∅90mm) (2 PCS)
DRILL HOLE 12 mm
DRILL DEPTH 40 mm
DISTANCE BETWEEN HOLES 140 mm

Drawing title AERATION SYSTEM Fixing Support Scheme		Plant name SOKOLOV	
INVENT AERATION SERVICES SRL Via Paravichini 30 20052 Monza		Date 19 JULY 2013	Revision 6
		Drawing number SOK-SLUDGE-FSS	



-- MIRROR WELDING ON SITE

REGENERATION BASIN = 126 iDISC DIFFUSERS / BASIN (TOTAL = 378 iDISC DIFFUSERS)
 NITRIFICATION BASIN (1) = 104 iDISC DIFFUSERS / BASIN (TOTAL = 312 iDISC DIFFUSERS)
 NITRIFICATION BASIN (2) = 72 iDISC DIFFUSERS / BASIN (TOTAL = 216 iDISC DIFFUSERS)
 NITRIFICATION BASIN (3) = 56 iDISC DIFFUSERS / BASIN (TOTAL = 168 iDISC DIFFUSERS)
 NITRIFICATION BASIN (4) = 60 iDISC DIFFUSERS / BASIN (TOTAL = 180 iDISC DIFFUSERS)

TOTAL iDISC 260 DIFFUSERS = 1254

Drawing title
AERATION SYSTEM
 Layout

Plant name
 SOKOLOV

Date
 3 JULY 2013
 Drawing number
 SOKOLOV-Rev06

INVENT AERATION SERVICES SRL
 Via Paravichini 30
 20052 Monza



Revision
 6

