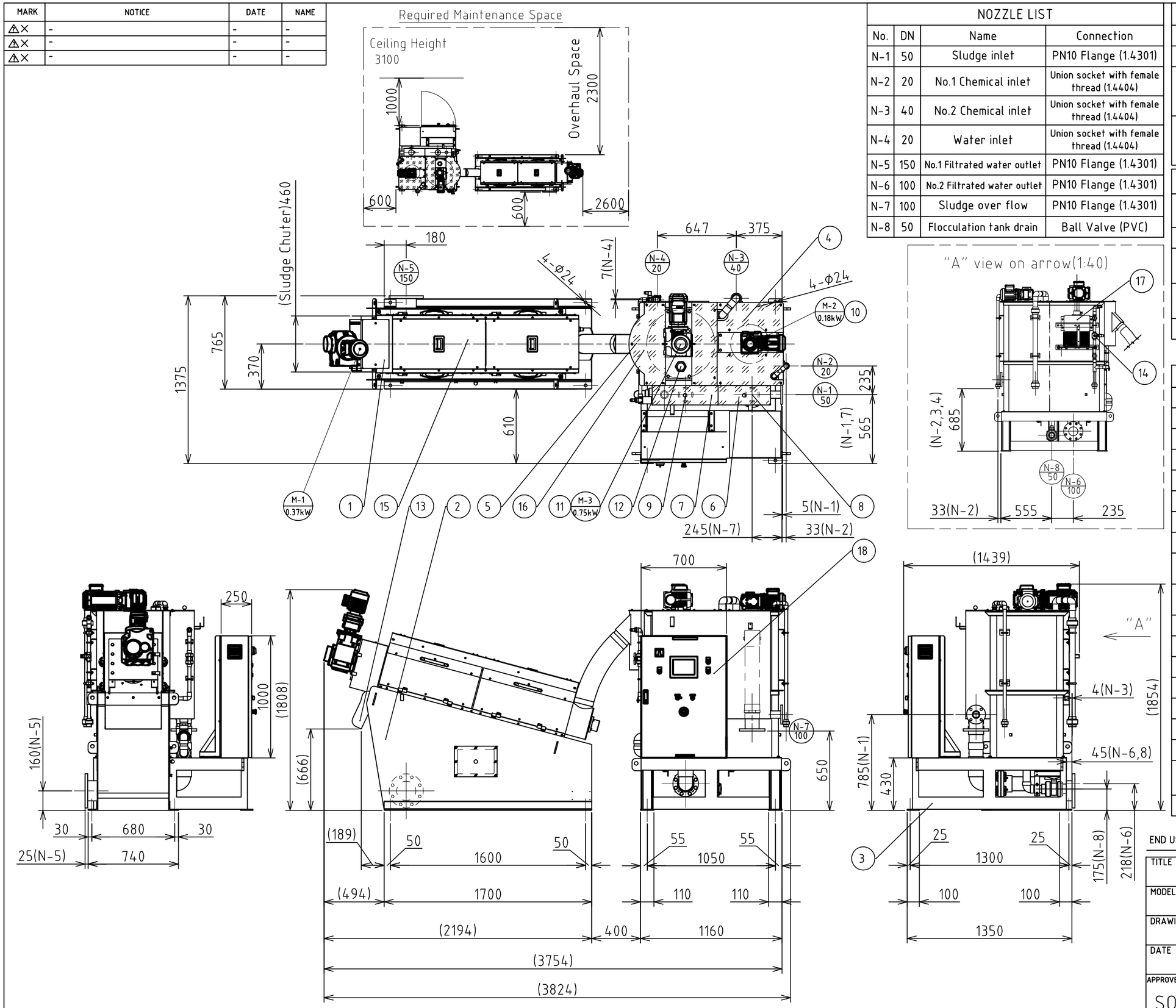
MARK	NOTICE	DATE	NAME
⚠X	-	-	-
⚠X	-	-	-
⚠X	-	-	-



NOZZLE LIST			
No.	DN	Name	Connection
N-1	50	Sludge inlet	PN10 Flange (1.4301)
N-2	20	No.1 Chemical inlet	Union socket with female thread (1.4404)
N-3	40	No.2 Chemical inlet	Union socket with female thread (1.4404)
N-4	20	Water inlet	Union socket with female thread (1.4404)
N-5	150	No.1 Filtrated water outlet	PN10 Flange (1.4301)
N-6	100	No.2 Filtrated water outlet	PN10 Flange (1.4301)
N-7	100	Sludge over flow	PN10 Flange (1.4301)
N-8	50	Flocculation tank drain	Ball Valve (PVC)

SPECIFICATION	
CYLINDER UNIT	Φ300x1 -1.4301
TYPE	Multi-Discplate Screw Press
EMPTY WEIGHT	1272kg (637kg - dewatering press 635kg - flocculation tank)
OPERATING WEIGHT	1922kg (722kg - dewatering press 1200kg - flocculation tank)

MOTOR LIST		
No.	Name	Power Consumption (reduction ratio)
M-1	V-Screw Motor	0,37kW (1/709)
M-2	No.1 Flocculation Tank Agitation Motor	0,18kW (1/14,24)
M-3	No.2 Flocculation Tank Agitation Motor	0,75kW (1/62,35)
Total Power		1,3 kW

PARTS LIST			
No	Name	Mat.	Remarks/Drawing
1	Cylinder unit	1.4301	
2	Cylinder unit base	1.4301	Hole:4xΦ24
3	Flocculation tank base	1.4301	Hole:4xΦ24
4	No.1 Flocculation tank	1.4301	□500x600x1205(H)
5	No.2 Flocculation tank	1.4301	□600x600x1205(H)
6	Flow control tank	1.4301	□430x200x885(H)
7	Filtrate Flow Control Tank	1.4301	□540x200x885(H)
8	Sludge level adjuster	PVC 1.4301	
9	Filtrate level adjuster	PVC 1.4301	
10	No.1 Flocc.tank agitator	1.4301	Paddle type
11	No.2 Flocc.tank agitator	1.4301	Paddle type
12	Level switch	1.4301	Electrode type
13	Sludge cake chute	1.4301	
14	Solenoid valve	1.4401	DN20
15	Top Cover	1.4301	
16	Cover	PVC	Transparent
17	Thickening Unit	1.4301 Nylon	
18	Control Panel	DC-01	HMI

END USER/PROJECT:

TITLE	ASSEMBLY DRAWING		
MODEL	GS-301-4	VOLUTE	
DRAWING No.	DE0246-00-0		
DATE	4/08/2017	SCALE 1:30	PAGE 1/1
APPROVED	CHECKED	DESIGNED	AMCON Europe s.r.o.
SO	SO	PN	