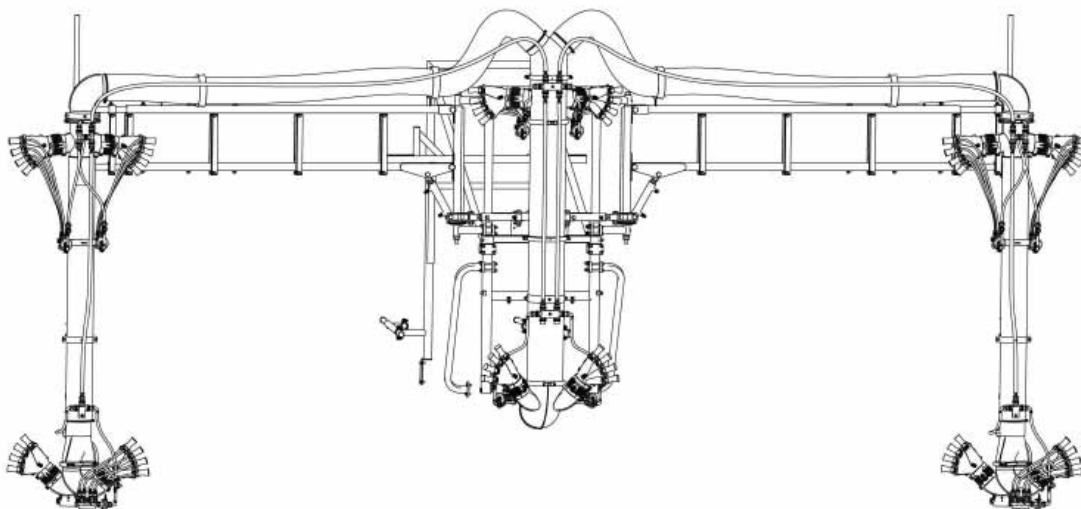




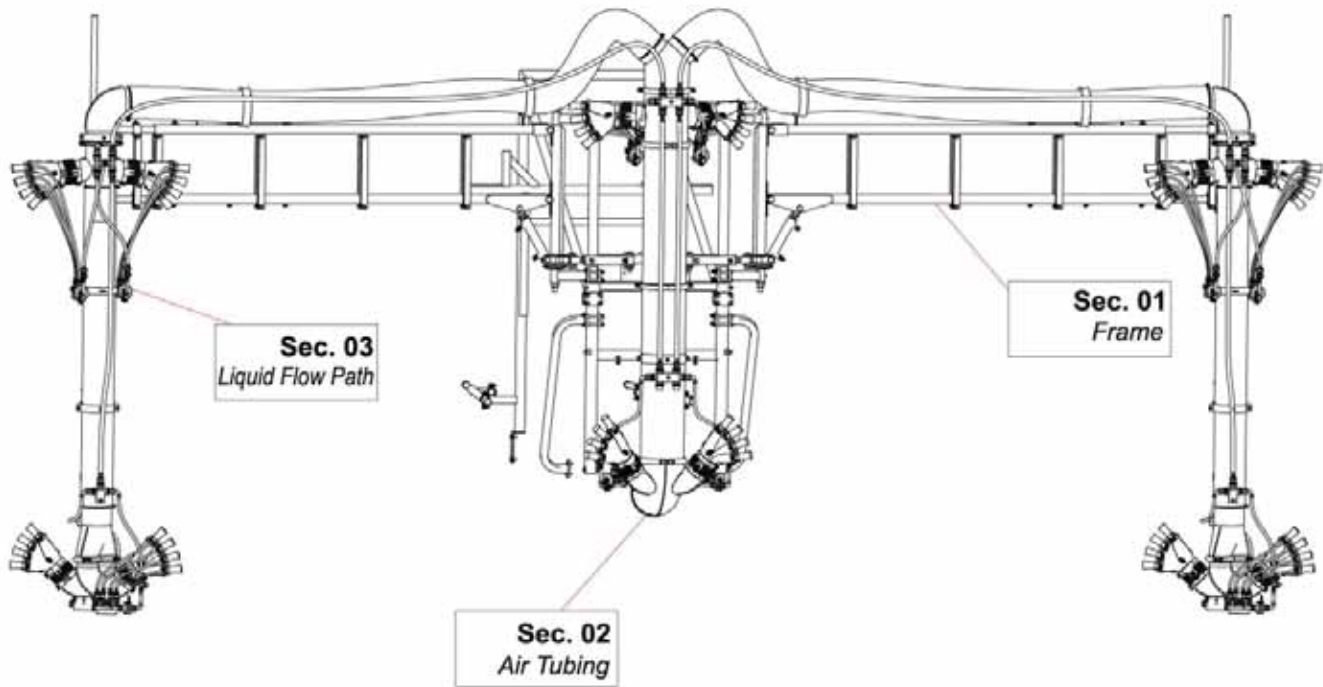
VENTURI AIR SPRAYERS WRAP AROUND BOOM “D” SERIES



**Parts Manual For
TS512MC55D12 Boom
With "E" - 4 Bank Option
For T55E2-2000**

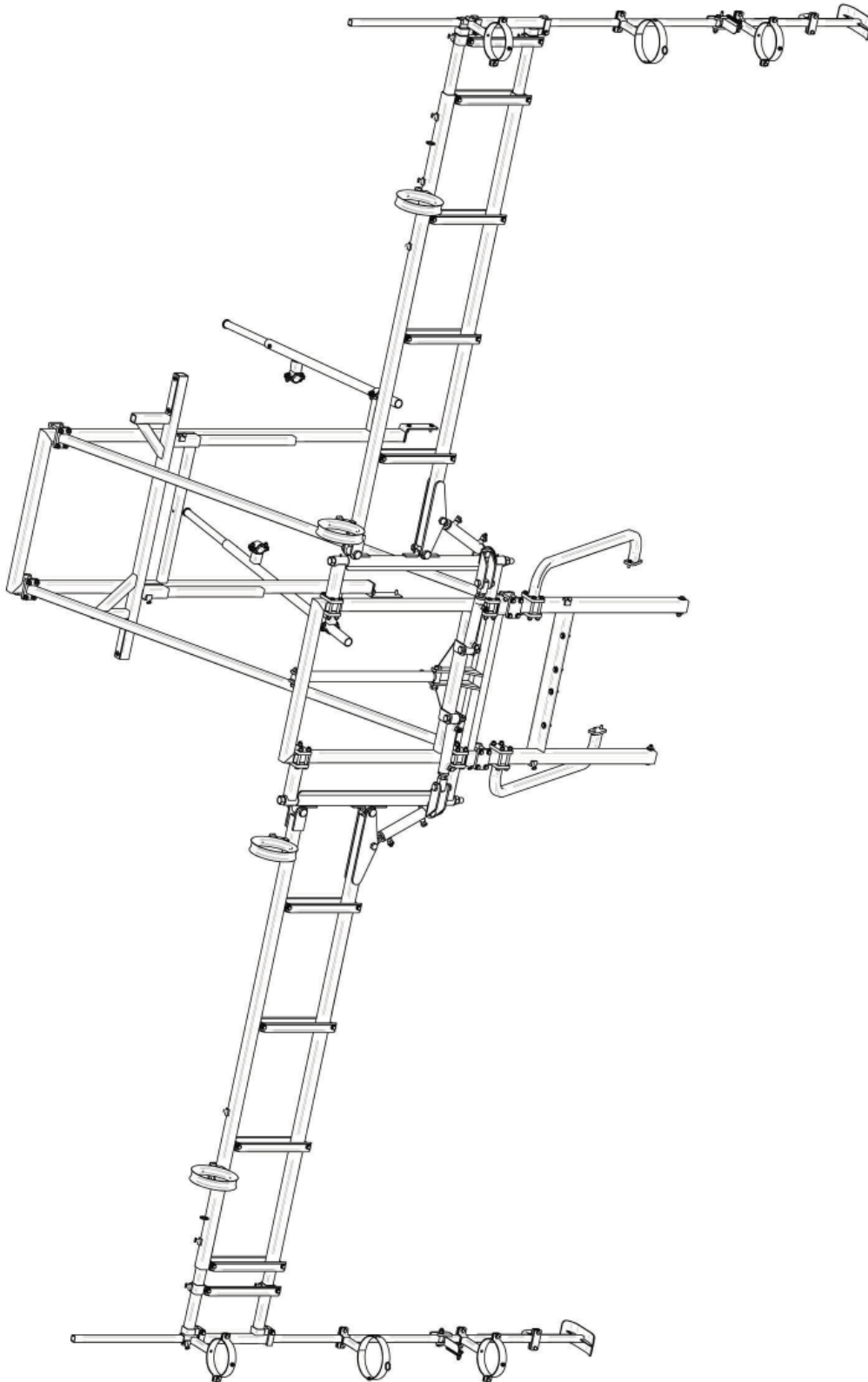
July 2013

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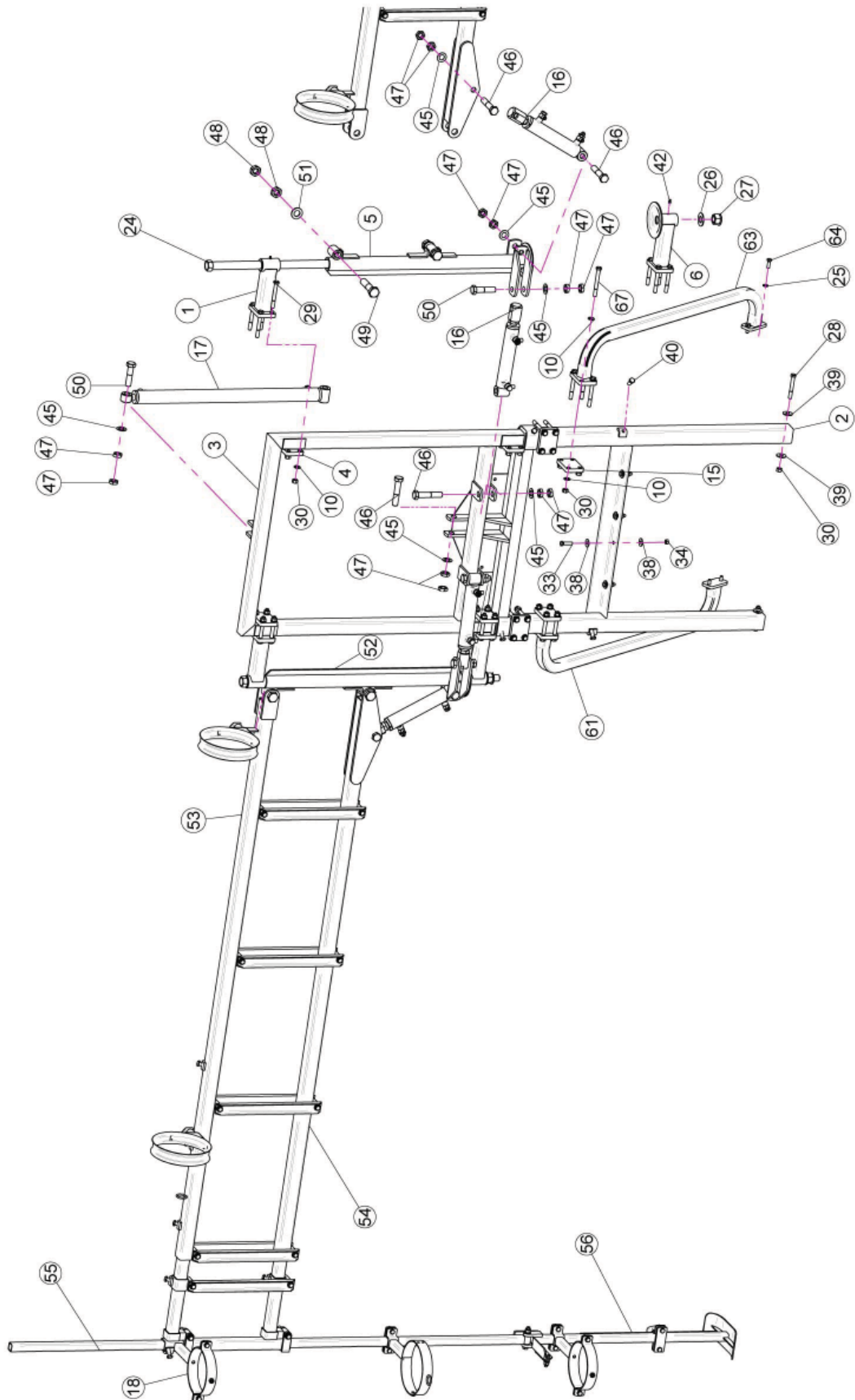


SECTION	DESCRIPTION	PAGE
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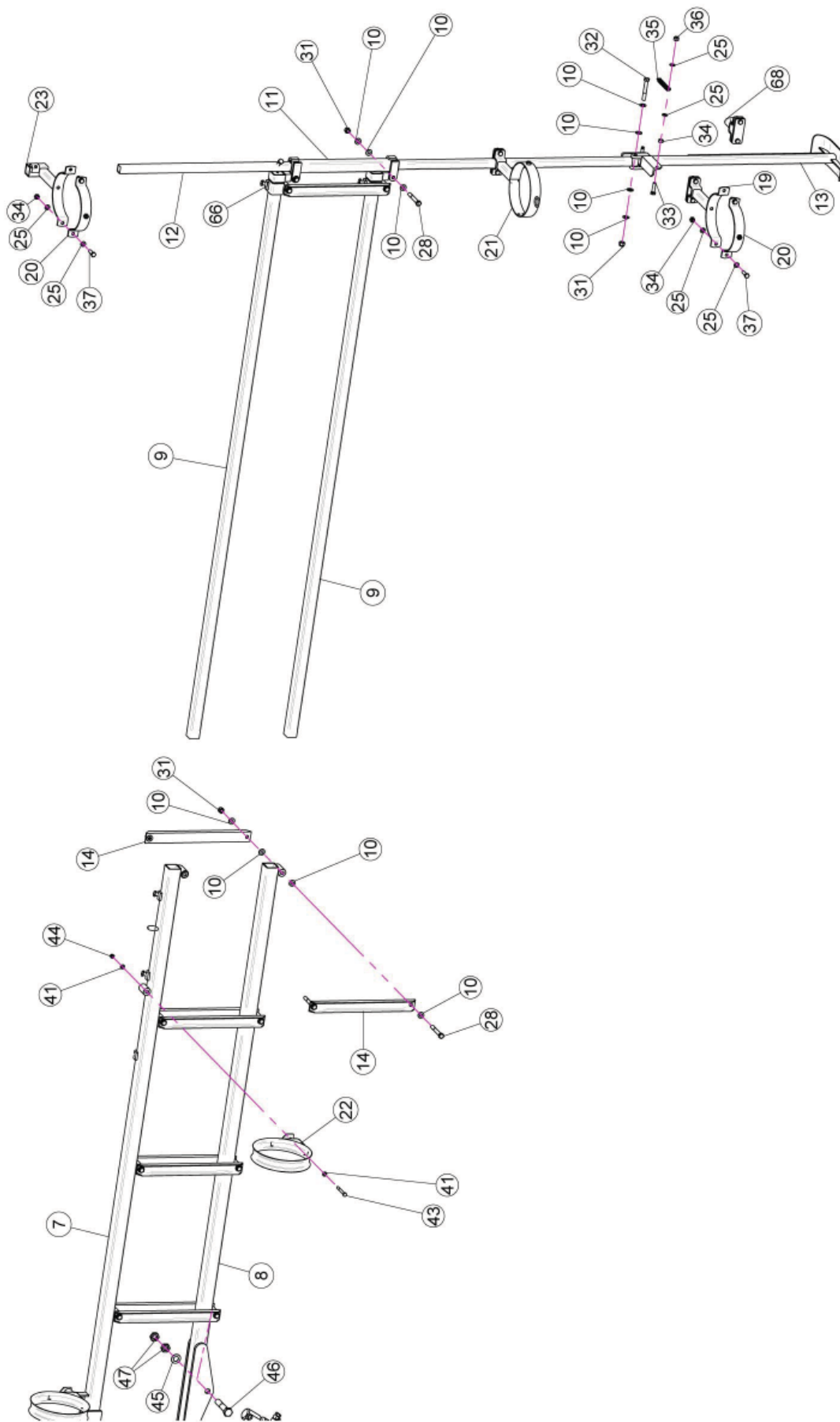
Sec. 01 - COMPLETE FRAME - ROW WIDTHS OF 9' - 6' TO 13'



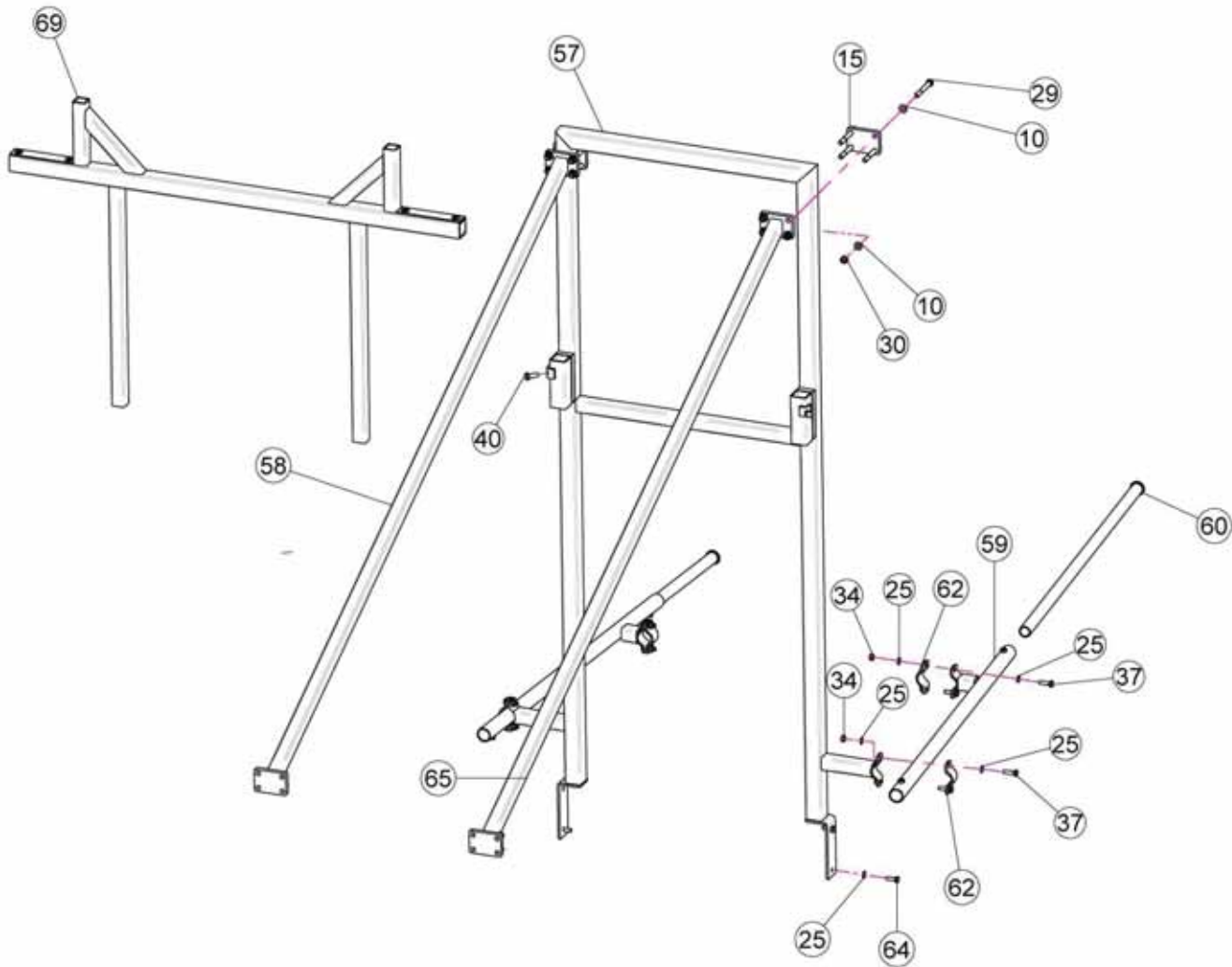
Sec. 01.1 - CENTRAL SECTION & LEFT SIDE



Sec. 01.2 - *RIGHT SIDE SECTION*



Sec. 01.3 - *SUPPORT SECTION*



<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	2	20.939.000	Keeping Arms Pipes Without Disk
2	1	21.019.300	Central Frame
3	1	21.024.300	Sliding Frame
4	4	20.937.000	Bracket
5	1	20.958.201	Right Arms Rotation Pipe
6	2	20.939.100	Keeping Arms Pipes With Disk
7	1	21.023.200	High Right Arm
8	1	21.022.300	Right Side Arm
9	4	21.020.200	Sliding Arm
10	162	RP.012.000	Washer D.12
11	2	20.884.101	Sliding Pole Support
12	1	21.027.000	Right Higher Going Down Pipe
13	1	20.948.002	Right Lower Going Down Pipe

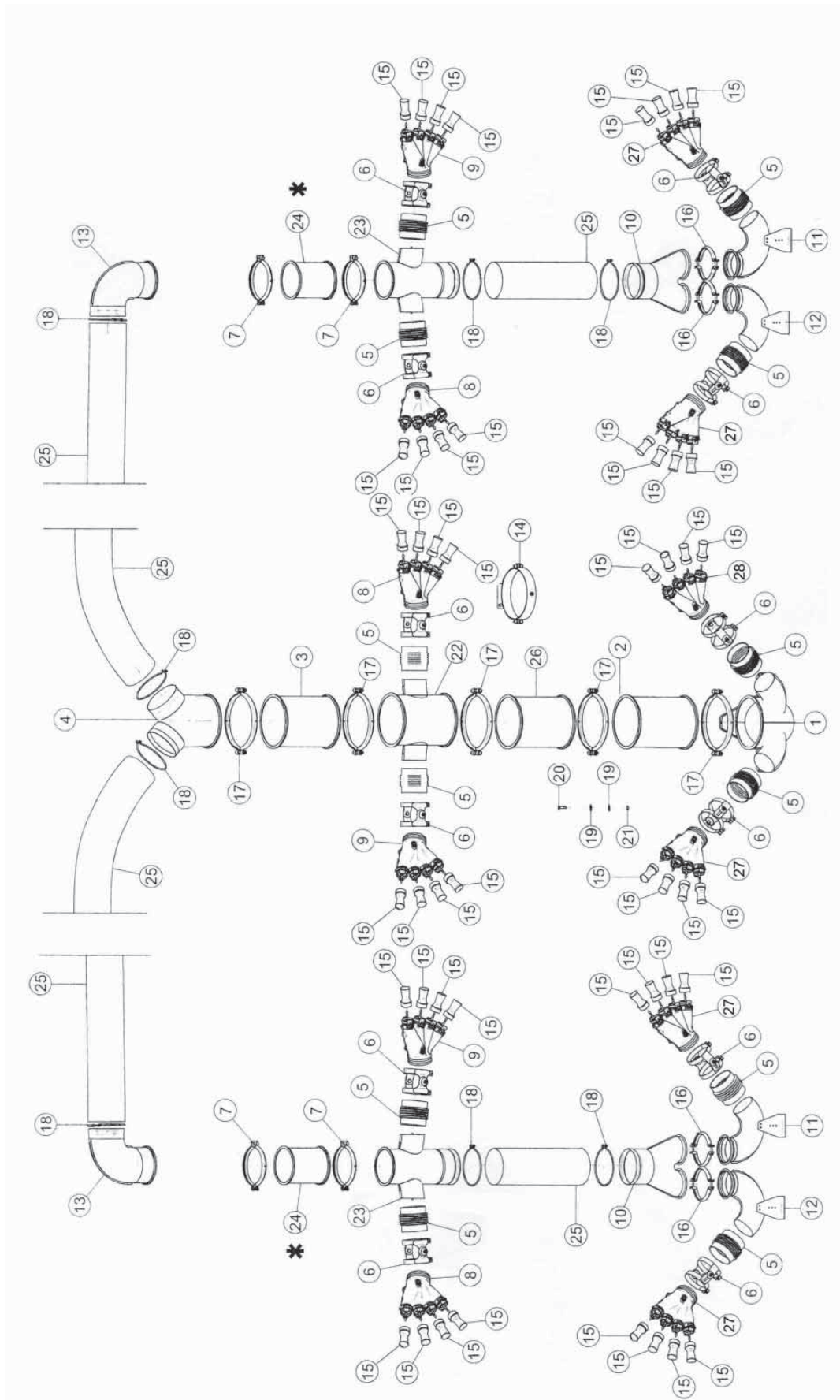
Sec. 01 - COMPLETE FRAME PARTS

<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
14	18	20.879.200	Union Leg Lamin
15	6	20.937.000	Bracket
16	4	02.838.100C	Side Jack With Regulator
17	1	02.840.01C	Complete Central Jack
18	1	50.209.100	Right Going Down Arm
19	2	50.209.200	Going Down Arm
20	4	02.986.002	Half Clamp With Nut M10
21	2	50.211.000	Bracket
22	4	50.040.025	Stainless Steel Guide Ring
23	1	50.209.000	Left Going Down Arm
24	2	20.910.300	Arm Pin Rotation
25	44	RP.010.000	Washer D.10
26	2	RP.024.000	Washer D.24
27	2	DA.024.0AG	Self Locking M24
28	26	TE.012.090	Screw TE M12 x 90
29	24	TE.012.100	Screw TE M12 x 100
30	42	D0.12.5587G	M12 Nut
31	26	DA.012.0AG	Self Locking Nut M12
32	2	TE.012.080	Bolt TE M12 x 80
33	6	TE.010.040T	Screw TE M10 x 40
34	22	D0.10.5587G	Nut M10
35	2	S0.480.000	Spring
36	2	DA.010.0AG	Self Locking Nut M10
37	16	TE.010.035T	Screw TE 10 x 35
38	8	RP.010.030	Washer D.10 x 30 MM
39	4	RP.012.036	Washer D12 x 36
40	24	TE.012.030T	Screw TE 12 x 30
41	10	RP.008.000	Washer D.8
42	2	ID.006.001	Greaser
43	5	TE.008.070	Screw TE M8 x 70
44	5	DA.008.0AG	Self Locking Nut M8
45	10	RP.020.000	Washer D.20
46	7	TE.020.100	Screw TE M20 x 100
47	16	D0.20.5589G	Lower Nut M20
48	8	DO.24.5589G	Lower Nut M24
49	4	TE.024.100	Screw TE M24 x 100
50	3	TE.020.080	Screw TE M20 x 80
51	4	RP.024.000	Washer D.24
52	1	20.959.201	Left Arm Rotation Pipe

Sec. 01 - *COMPLETE FRAME PARTS CONTINUED...*

<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
53	1	21.026.200	High Left Arm
54	1	21.025.300	Left Side Arm
55	1	21.027.100	Left Higher Going Down Pipe
56	1	20.948.102	Left Lower Going Down Pipe
57	1	50.226.101	Tie-Rod
58	1	50.228.000	Left Tie-Rod
59	2	50.231.000	Anchor Tube
60	2	50.227.000	Sliding Buffer
61	1	50.232.000	Left Tie-Rod
62	4	50.493.000	Shaped Plate Fixing
63	1	50.232.100	Right Tie-Rod
64	8	TE.010.030T	Screw TE M10 x 30
65	1	50.228.100	Right Tie-Rod
66	4	20.969.100	Sliding Union For Arms
67	16	TE.012.110	Screw TE M12 x 110
68	2	20.943.100	Arm Block
69	1	50.230.001.Z	Arm Support Zinced

Sec. 02 - *WRAP-AROUND BOOM ASSEMBLY*



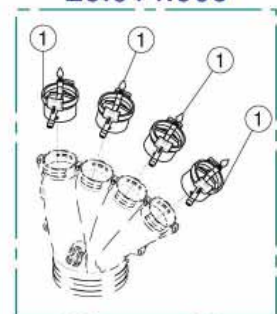
Sec. 02 - *WRAP-AROUND BOOM ASSEMBLY PARTS*

<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	05.843.200	Lower Elbow
2	1	21.100.080	Extension L=32"
3	1	05.811.000	Extension L=20"
4	1	20.649.000	Upper Y Body
5	12	02.021.000	Rubber Coupling
6	6	21.080.000	Articulating Clamp LH
6A	6	21.081.000	Articulating Clamp RH
7	4	05.616.000	Clamp D.190
8	3	20.014.04CSX	4 Outlet Body LH
9	3	20.014.04CDX	4 Outlet Body RH
10	2	50.210.000	Lower Y Body
11	2	04.845.300	Elbow D.135
12	2	04.845.400	Elbow D.130
13	2	20.650.200	Upper Elbow
14	1	20.504.000	Support Clamp
15	48	00.004.5.50	Nozzle 4.5 x 50
16	4	04.027.000	Clamp D.150
17	5	05.813.000	Clamp D.275
18	8	FO.180.000	Clamp D.180 Air Hose
19	2	RP.010.030	Washer D.10 x 30
20	1	TE.010.035T	Bolt M10 x 35
21	1	DO.10.5587G	Nut M10
22	1	20.653.000	Center Y Body
23	2	20.652.100	Y Body F/Drops
24	2	02.186.000	Extension L=8"
25	As Req'd	180MMRFH	Air Hose (Per Foot)
26	1	21.100.060	Extension L=24"
27	5	20.014.000SX	4 Outlet Body L.H., Lower
28	1	20.014.000DX	4 Outlet Body R.H., Lower

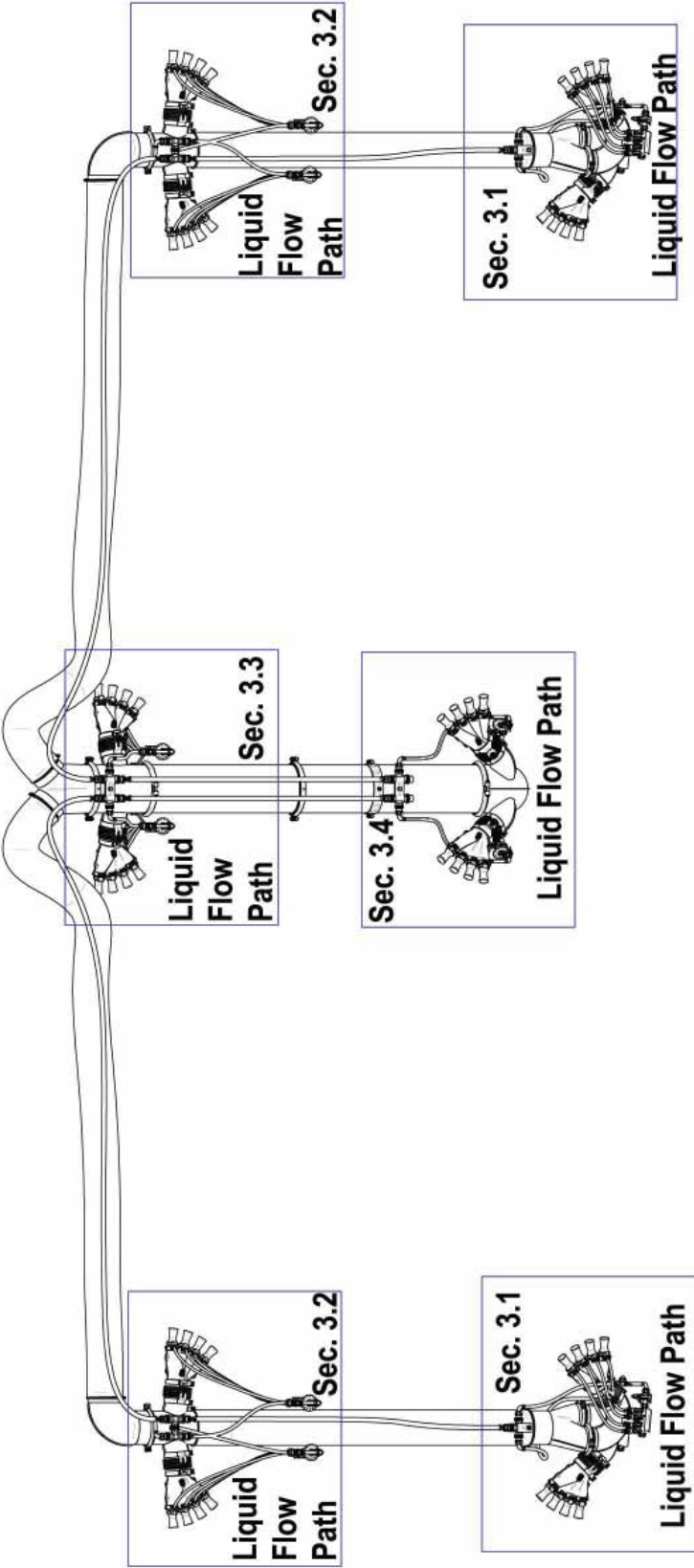
20.014.000

1	4	20.016.01C	Venturi Body
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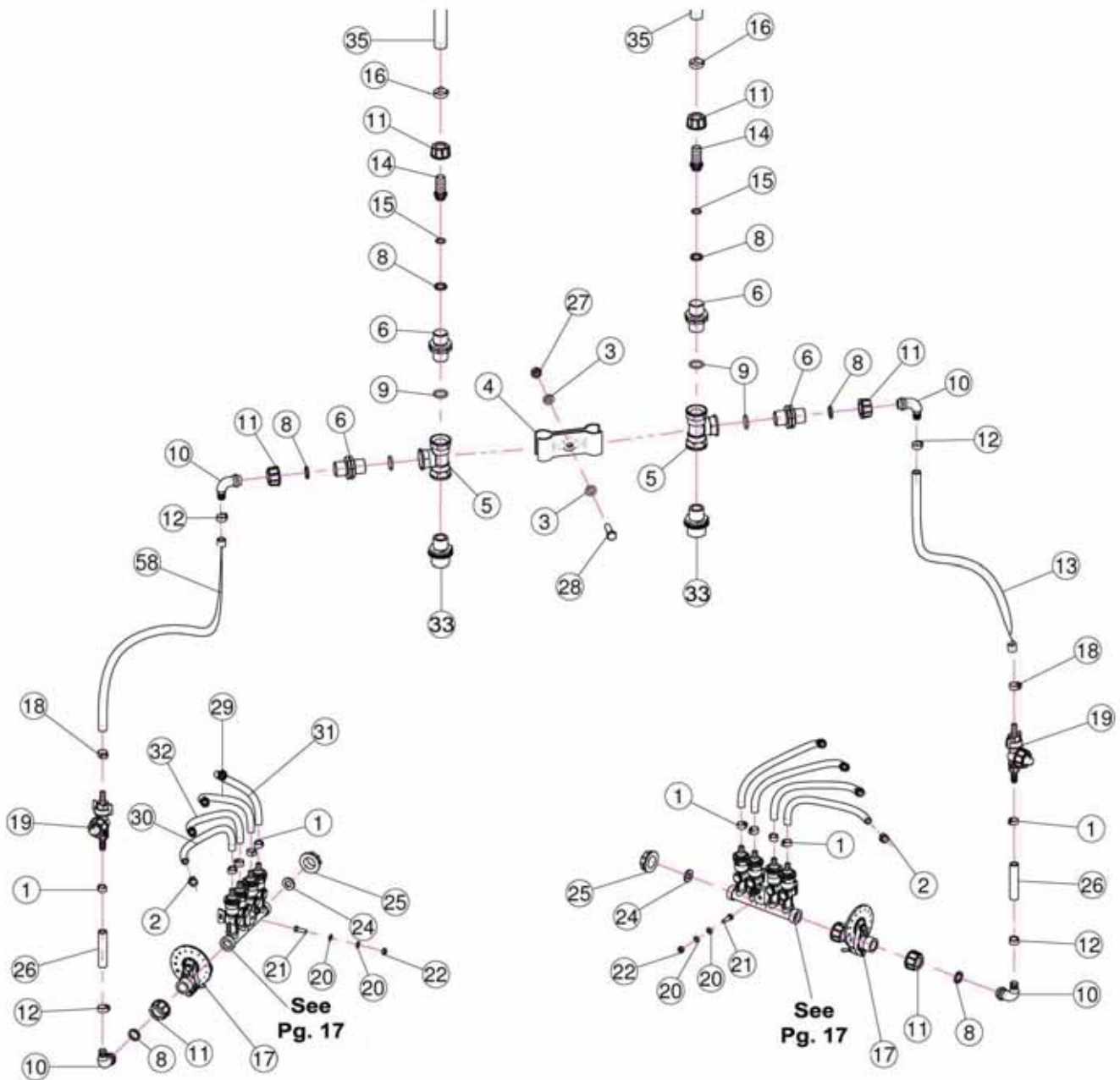
20.014.000



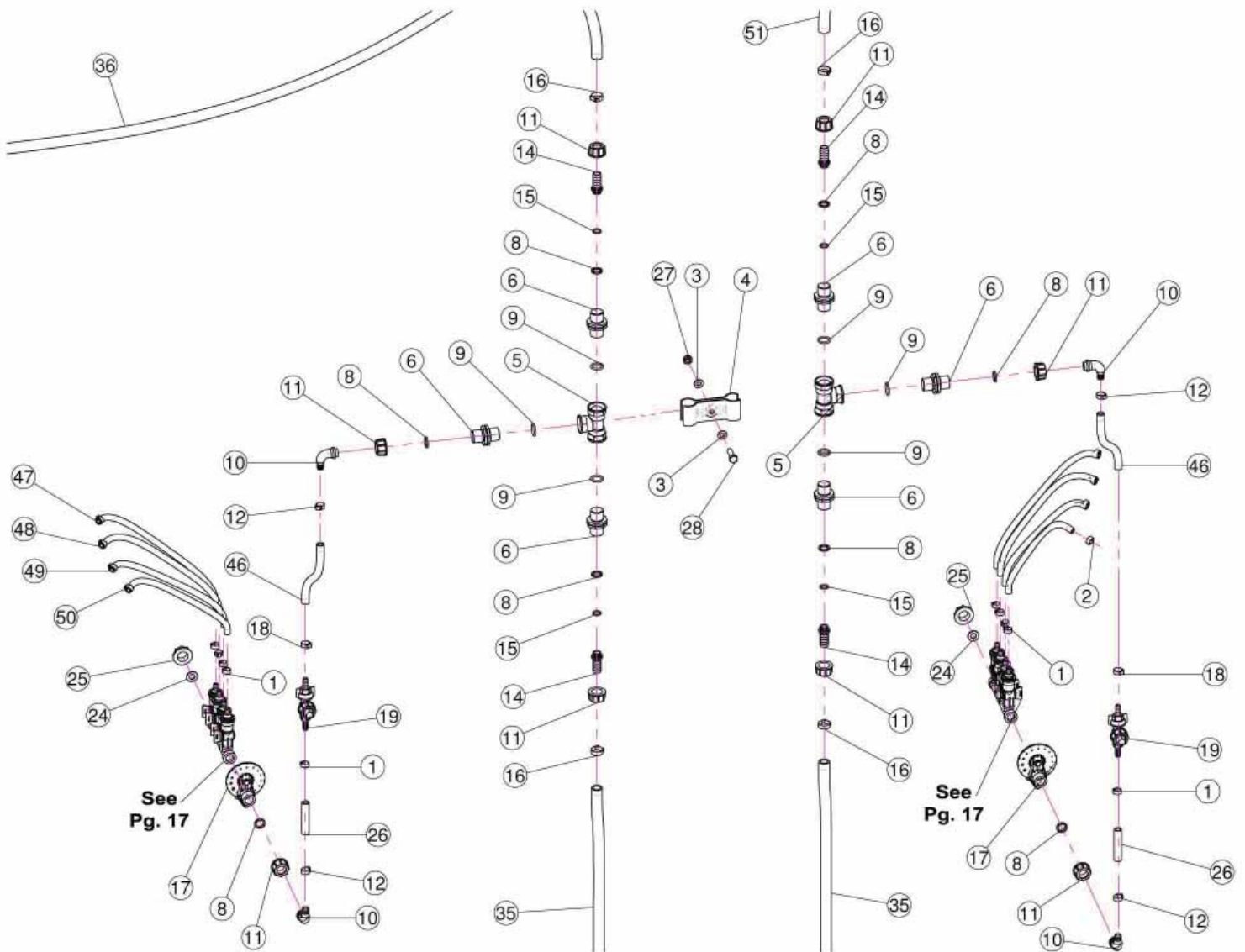
Sec. 03 - *LIQUID FLOW PATH WITH "E" - 4 BANK OPTION*



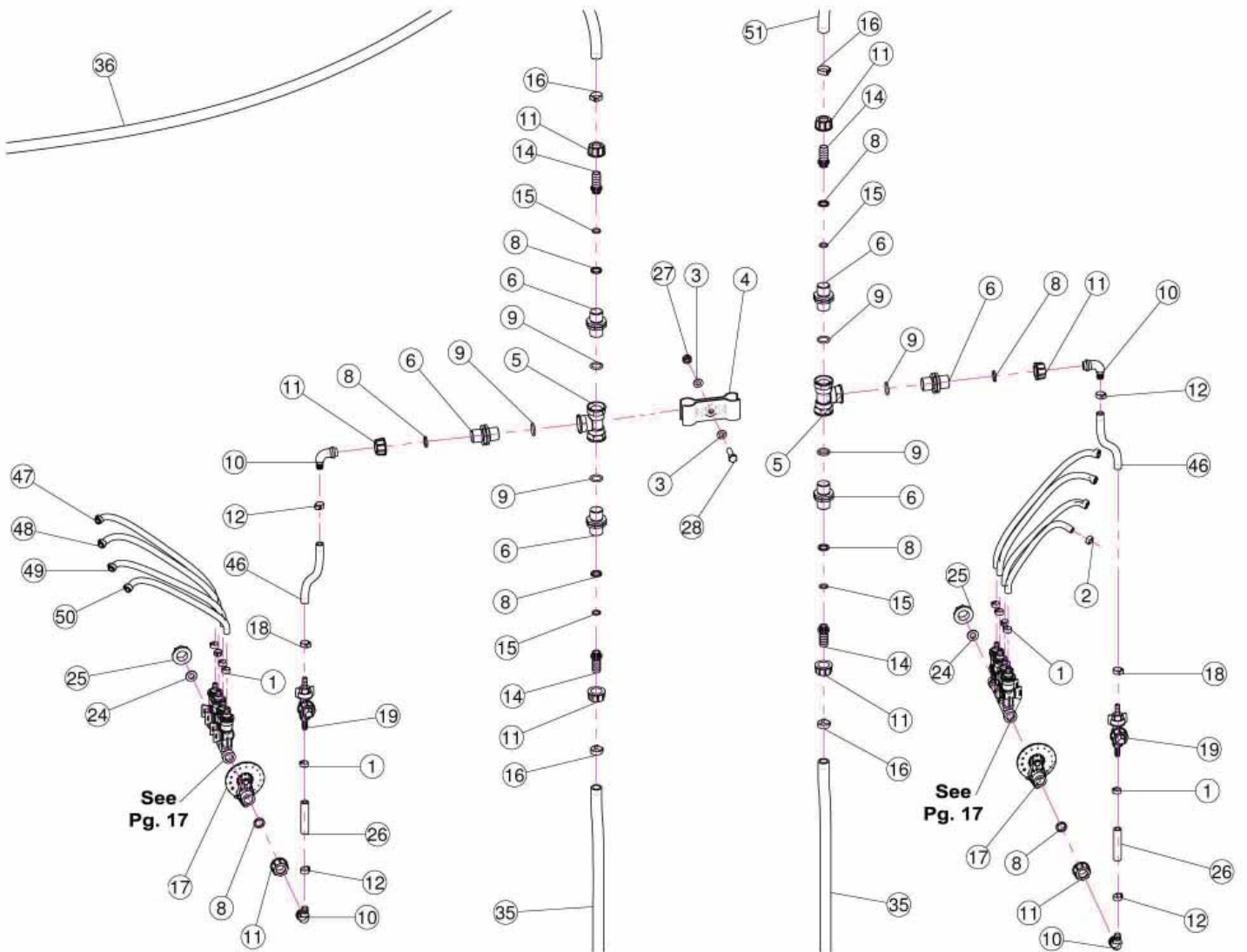
Sec. 03.1 - *DROP ASSEMBLY LOWER 4+4 HEAD WITH "E" - 4 BANK*



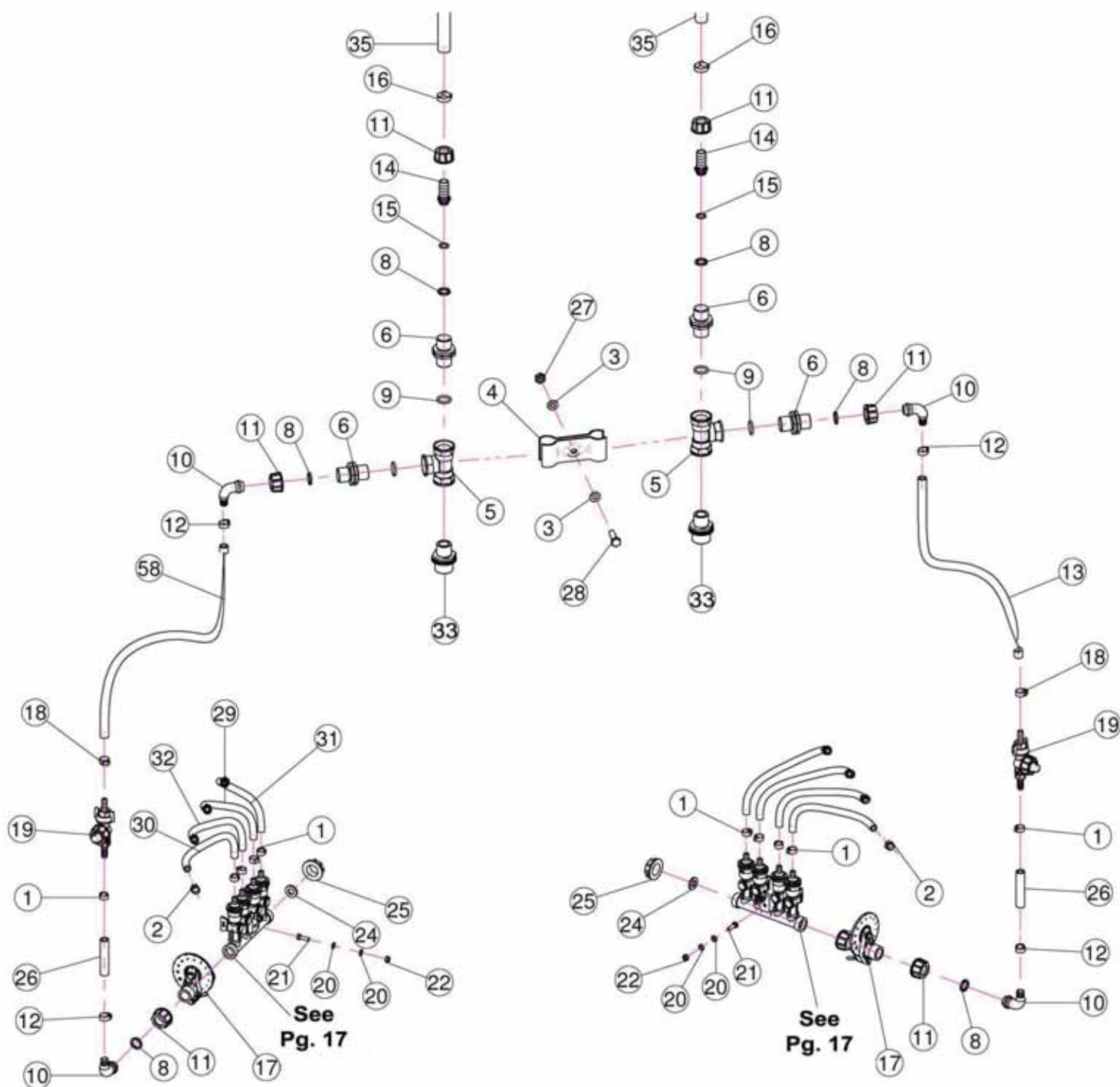
Sec. 03.2 - *DROP ASSEMBLY UPPER 4+4 HEAD WITH "E" - 4 BANK*



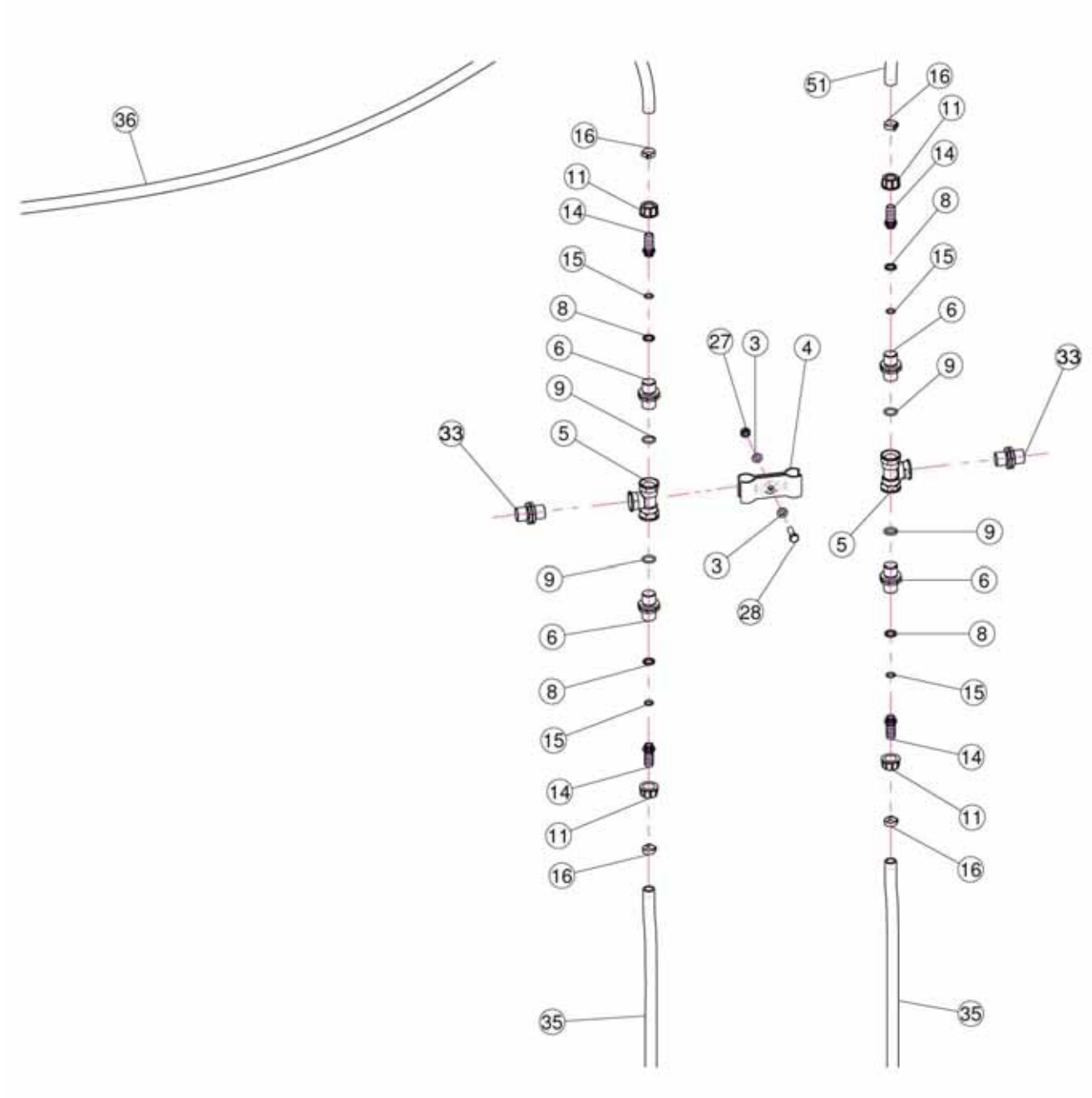
Sec. 03.3 - *CENTER ASSEMBLY UPPER 4+4 HEAD WITH "E" - 4 BANK*



Sec. 03.4 - CENTER ASSEMBLY LOWER 4+4 HEAD WITH "E" - 4 BANK



Sec. 03.5 - CENTER ASSY. OUTSIDE 1/2 ROWS TEE ASSY W/"E" - 4 BANK



Sec. 03 - *LIQUID FLOW PATH PARTS WITH "E" - 4 BANK*

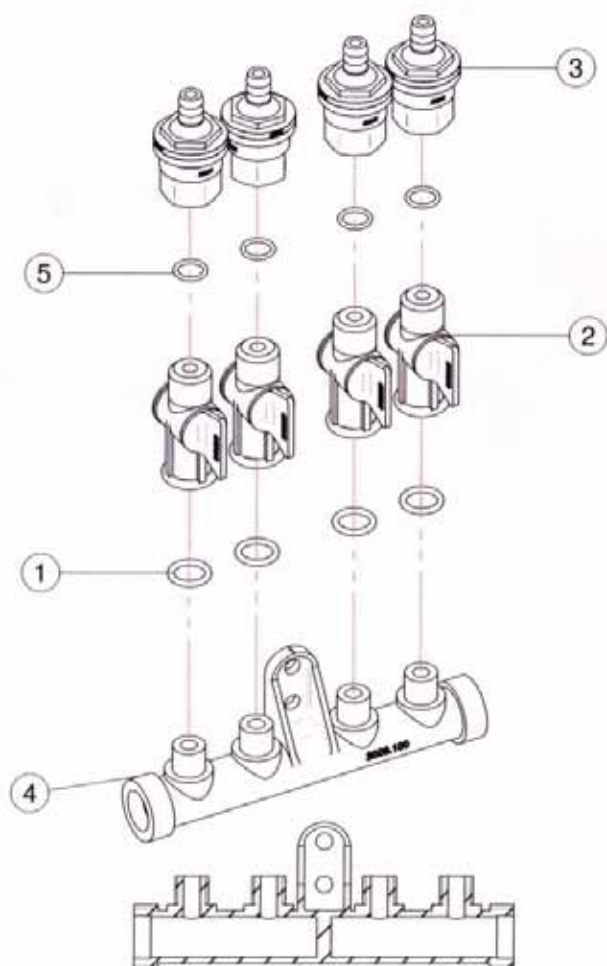
<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	60	FC.013.5.015	Hose Clamp
2	44	FC.012.5.014	Hose Clamp
3	14	RP.010.000	Washer D.10
4	7	02.999.000	T Union Fixing Bracket
5	14	02.396.000	Union 3/4" - 3/4" F.
6	30	02.380.000	Nipple 3/4"
7	2	02.293.000	1" M - 3/4" M Reducer Nipple
8	40	02.349.000	17 x 23 x 3 Flat Gasket
9	32	OR.004.081	20.22 x 3.53 O-Ring Gasket
10	24	00.055.046R	Curved Union With R.H. D.14
11	46	00.055.045	3/4" Fly Nut
12	22	FC.016.5.018	Hose Clamp 16.5 - 18
13	As Req'd	02.213.000	Hose D.10 x 16 L=600 (Per Foot)
14	22	02.002.000	Straight Union 3/4" R.H. 18
15	22	OR.000.117	13.1 x 18.34 x 34 x 2.62 O-Ring Gasket
16	22	FC.022.5.024	Hose Clamp 22.5 - 24
17	12	02.150.000	Rotation Disk Regulation
18	12	FC.015.5.017	Hose Clamp
19	12	00.226.05C	Complete Antidrop
20	36	RP.006.000	Washer D.6
21	24	TE.006.020T	Screw TE M6 x 20
22	24	D0.06.5588G	Nut M6
24	12	02.030.010	Gasket
25	12	02.182.000	Female 3/4" Cap
26	As Req'd	02.213.000	Hose D.10 x 16 L=70 (Per Foot)
27	7	DA.010.0BG	Self Locking Nut M10
28	7	TE.010.035T	Screw TE 10 x 35
29	As Req'd	02.217.000	Hose D.8 x 13 L=390 (Per Foot)
30	As Req'd	02.217.000	Hose D.8 x 13 L=290 (Per Foot)
31	As Req'd	02.217.000	Hose D.8 x 13 L=410 (Per Foot)
32	As Req'd	02.217.000	Hose D.8 x 13 L=330 (Per Foot)
33	6	3SP34	Plug 3/4"
35	As Req'd	02.211.000	Hose D.16 x 23 L=1400 (Per Foot)
36	As Req'd	02.211.000	Hose D.16 x 23 L=3900 (Per Foot)
37	As Req'd	02.213.000	Hose D.10 x 16 L=800 (Per Foot)
38	As Req'd	02.211.000	Hose D.16 x 23 L=1700 (Per Foot)
39	As Req'd	02.213.000	Hose D.10 x 16 L=780 (Per Foot)

Sec. 03 - *LIQUID FLOW PATH PARTS CONTINUED...*

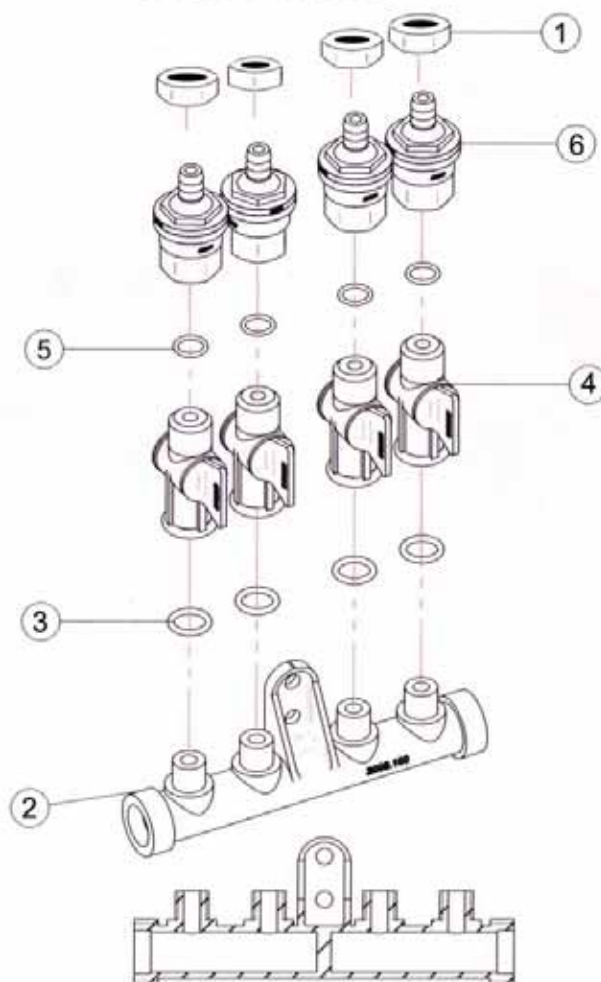
<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
46	As Req'd	02.213.000	Hose D.10 x 16 L=150 (Per Foot)
47	As Req'd	02.217.000	Hose D.8 x 13 L=350 (Per Foot)
48	As Req'd	02.217.000	Hose D.8 x 13 L=320 (Per Foot)
49	As Req'd	02.217.000	Hose D.8 x 13 L=300 (Per Foot)
50	As Req'd	02.217.000	Hose D.8 x 13 L=280 (Per Foot)
51	As Req'd	02.211.000	Hose D.16 x 23 L=3900 (Per Foot)

Sec. 04 - *MANIFOLD & SHUT-OFF VALVES*

LOWER 4+4 HEADS

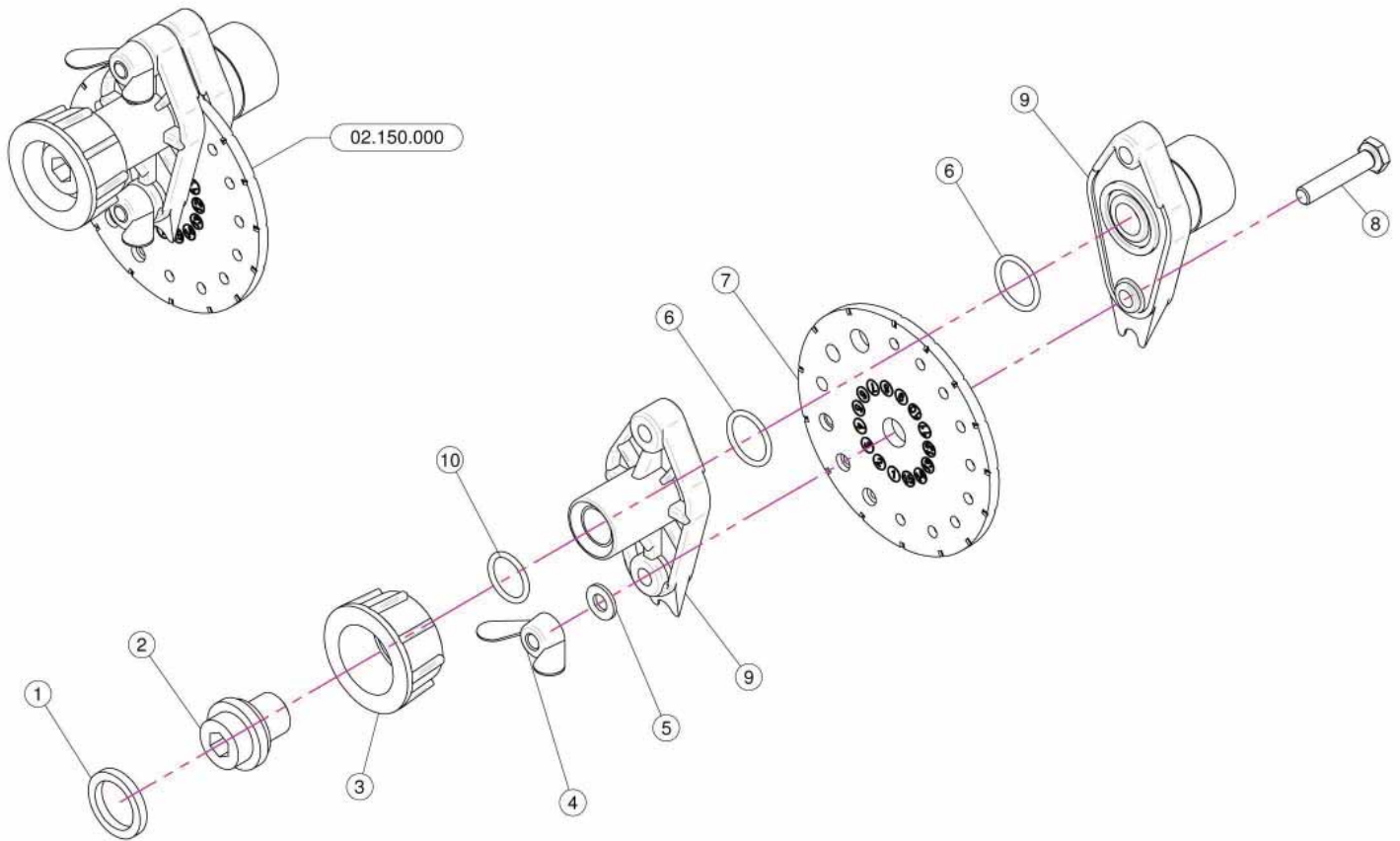


UPPER 4+4 HEADS



<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
LOWER 4+4 HEADS			
1	4	OR.000.117	13.1 x 18.34 x 2.62 O-Ring Gasket
2	4	20.202.100	Tap Assembly
3	4	00.227.01C	Anti-Drip Valve
4	1	02.008.000	Sprayheads Liquid Manifold
5	4	OR.002.043	10.82 x 14.38 x 1.78 Nbr 70 O-Ring Gasket
UPPER 4+4 HEADS			
1	4	42.680.000	Nut
2	1	02.008.000	Liquid Manifold
3	4	OR.000.117	O-Ring
4	4	20.202.100	Tap Assembly
5	4	20.955.000	Gasket
6	4	42.679.000	Barb D.10

Sec. 05 - *DIAL-A-RATE*



<u>REF.</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	02.349.000	17 x 23 x 3 Flat Gasket
2	1	02.117.000	Adapter Nipple
3	1	00.055.045	3/4" Fly Nut
4	2	DF.OTT.006	Wing Nut M6
5	2	RP.006.000I	INOX Washer D.6
6	2	OR.002.062	D.15.6 x 1.78 O-Ring
7	1	02.148.000	Regulator Disc
8	2	TE.006.030I	INOX M6 x 30 Bolt
9	1	02.147.000	Regulator Body
10	1	OR.003.050	O-Ring D.12.37 x 2.62