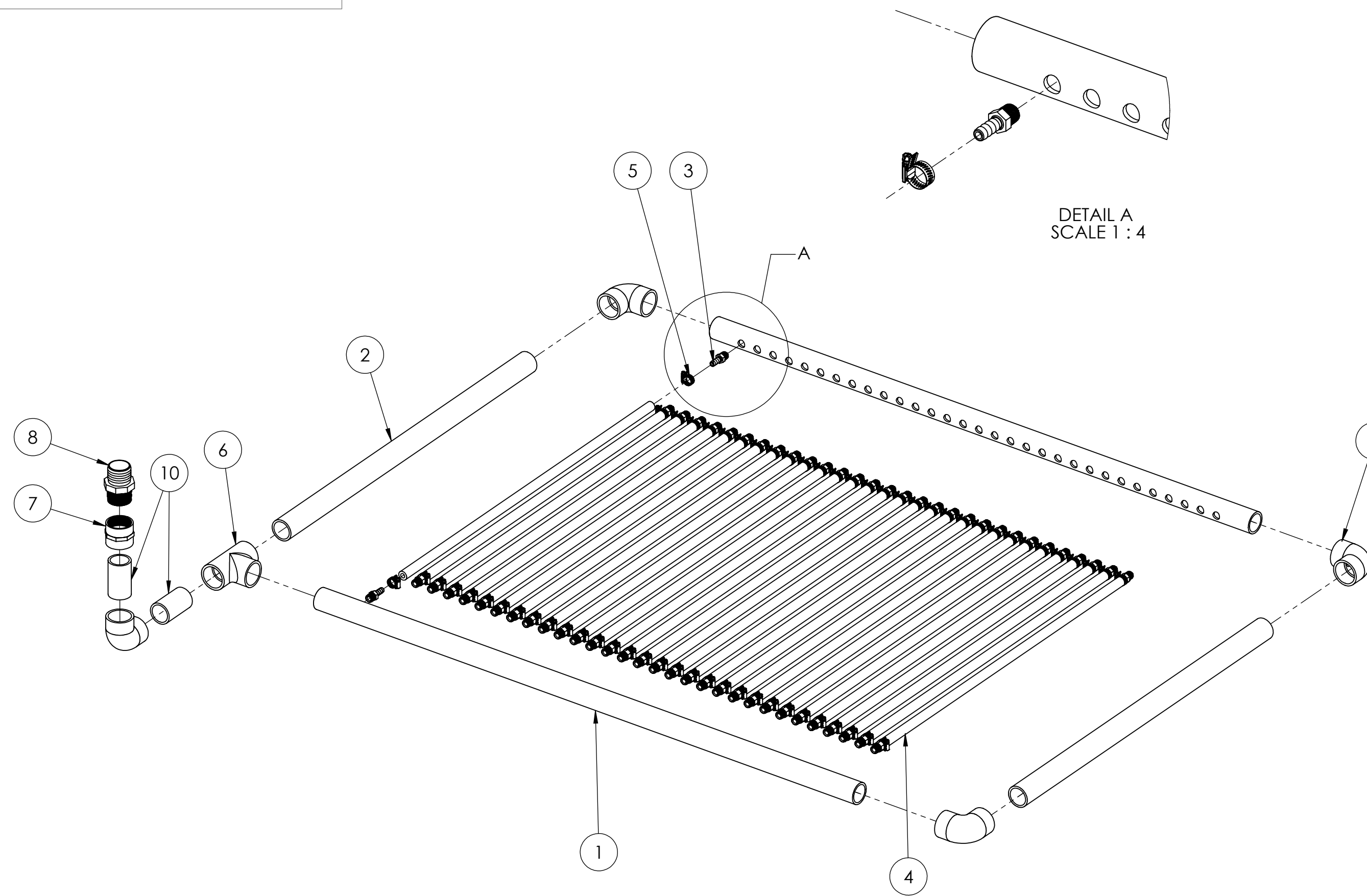
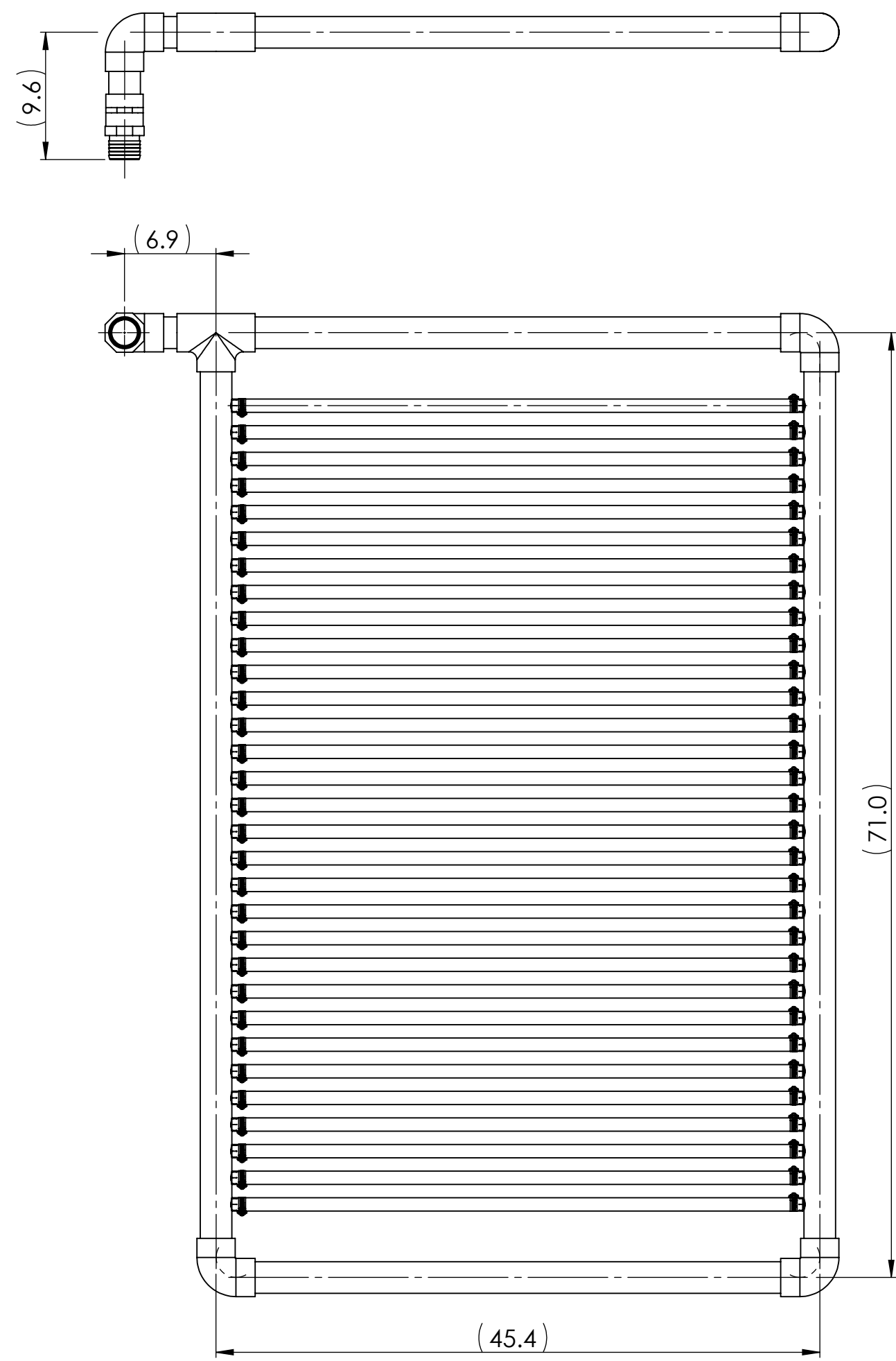


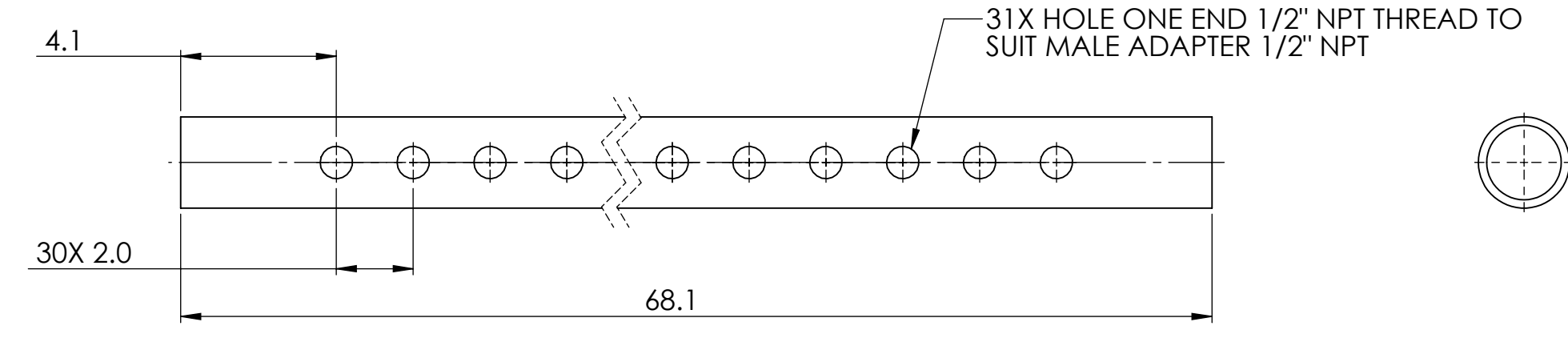
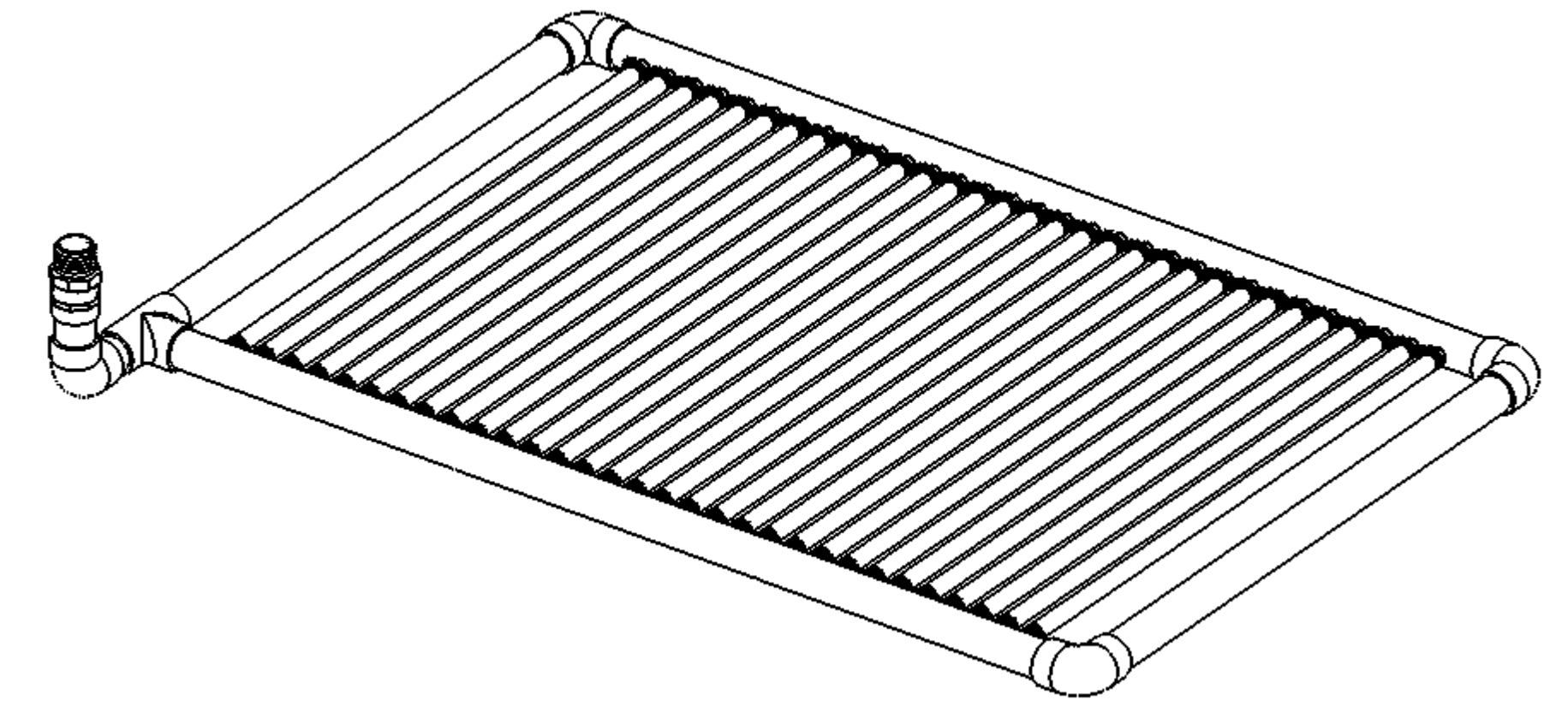
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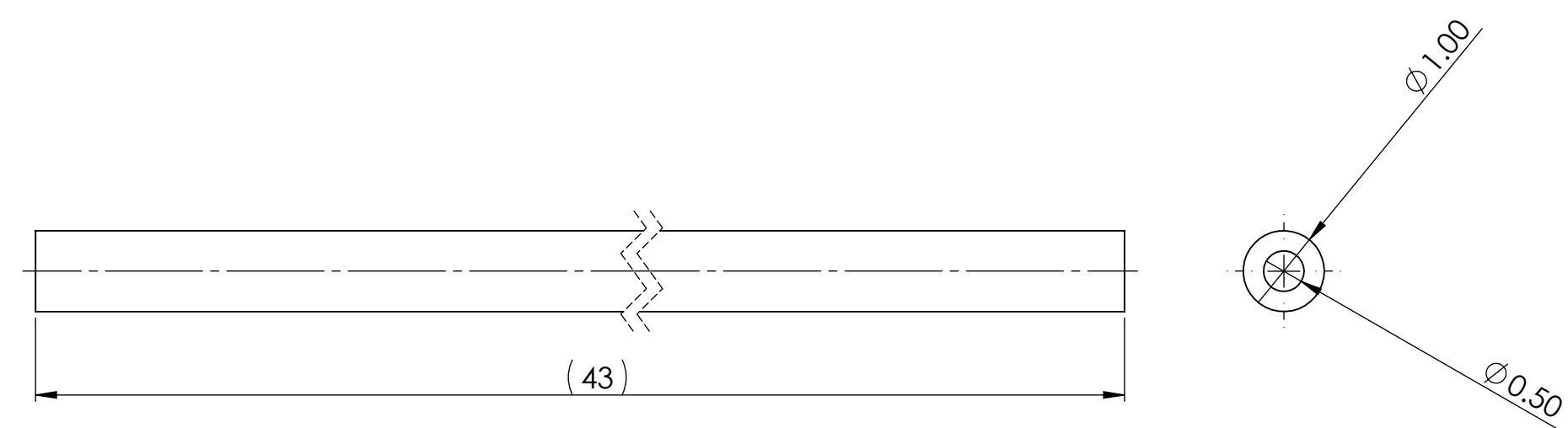
REVISIONS					
PCO	REV	DESCRIPTION	DRAWN BY	DATE	CHKD BY
	A.00	INITIAL DRAFT	PA	7/9/14	



DETAIL A
SCALE 1 : 4



ITEM NO.-1
PIPE 2" PVC SCH80
SCALE 1 : 4



ITEM NO.-4
DIFFUSER TUBE-PERFORATED
SCALE 1 : 2

PIPING AND DIFFUSER TUBING SUMMARY

ITEM DESCRIPTION	LENGTH(FT)
PIPE 2" PVC SCH80	20
DIFFUSER TUBE -PERFORATED	115

2. SUGGESTED VENDOR FOR ITEM 4: Swan, 1201 Delaware Ave, Marion, OH 43302
Toll Free: 1-800-848-8707
www.coloriteaerationtubing.com

1. SECURE DIFFUSER TUBE (ITEM NO.- 4) WITH HOSE CLAMPS (ITEM NO.- 5) ON ADAPTERS (ITEM NO.- 3) TO AFFORD MINIMAL SAG IN THE TUBING

NOTES: UNLESS OTHERWISE SPECIFIED

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
12	1	TEFLON TAPE	TEFLON TAPE
11	1	PVC GLUE	PVC GLUE
10	2	PIPE 2in PVC SCH 80	PIPE 2" PVC SCH80 - 4" LENGTH
9	4	ELBOW-90 DEG 2in PVC SCH80	ELBOW 90° 2" SOC PVC SCH80
8	1	ADAPTER SCH80 2in BARB	ADAPTER 2" MNPT x 2" BARB PVC SCH80
7	1	PVC COUPLING SOCKET_2in	ADAPTER 2" SOC x SR Fip1, PVC SCH80
6	1	TEE 2in PVC SCH 80	TEE 2" PVC SCH80
5	62	HOSE CLAMP	WORM DRIVE HOSE CLAMP SS316, BW 5/16", RANGE 1- 1 1/2"
4	31	DIFFUSER TUBE-PERFORATED	DIFFUSER TUBE-PERFORATED, OD-1", ID-1/2", LENGTH ~43"
3	62	ADAPTER HDPE 0.5in BARB	ADAPTER 1/2" MNPT x 1/2" BARB HDPE SCH80
2	2	PIPE 2in PVC SCH 80	PIPE 2" PVC SCH80 - 42.5" LENGTH
1	2	PIPE 2in PVC SCH 80	PIPE 2" PVC SCH80 - 68.1" LENGTH

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING

DIMENSIONS ARE IN INCHES
TOLERANCES:
.X OR X/X = ±1/64"
.XX = ±.01"
.XXX = ±.005"
ANGULARITY: ±1°
REMOVE ALL BURRS & BREAK SHARP EDGES .010" MAXIMUM EXCEPT P/A & SHUT OFFS
DIAMETERS TO BE CONCENTRIC WITHIN .005" T.I.R.

THIRD ANGLE PROJECTION

SIGNATURES: P AJMERA
DATE: 7/9/14
CHECKED: XXXXXXXX
DATE: xxxxxx

SEE PCO FOR APPROVAL SIGNATURES

COMMENTS:

PENTAIR
2395 Apopka Blvd.
Apopka, FL 32703

AQUATIC ECO-SYSTEMS™
TITLE: AIR DIFFUSER FRAME ASSEMBLY-2m

SIZE: DWG. NO. D XXXXXXXX
SCALE: 1:10 WEIGHT:

REV. A.00
SHEET: 1 OF 1