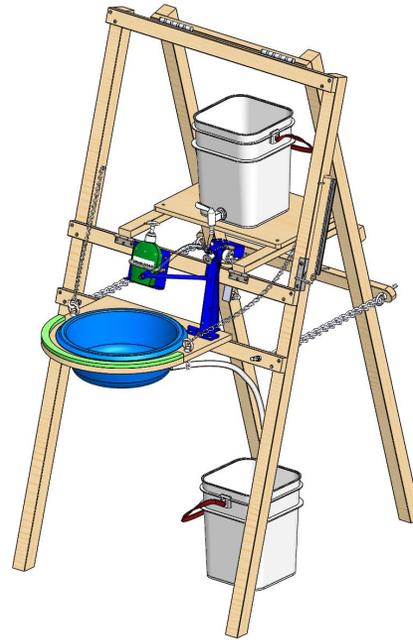


DISABILITY HANDWASH STATION

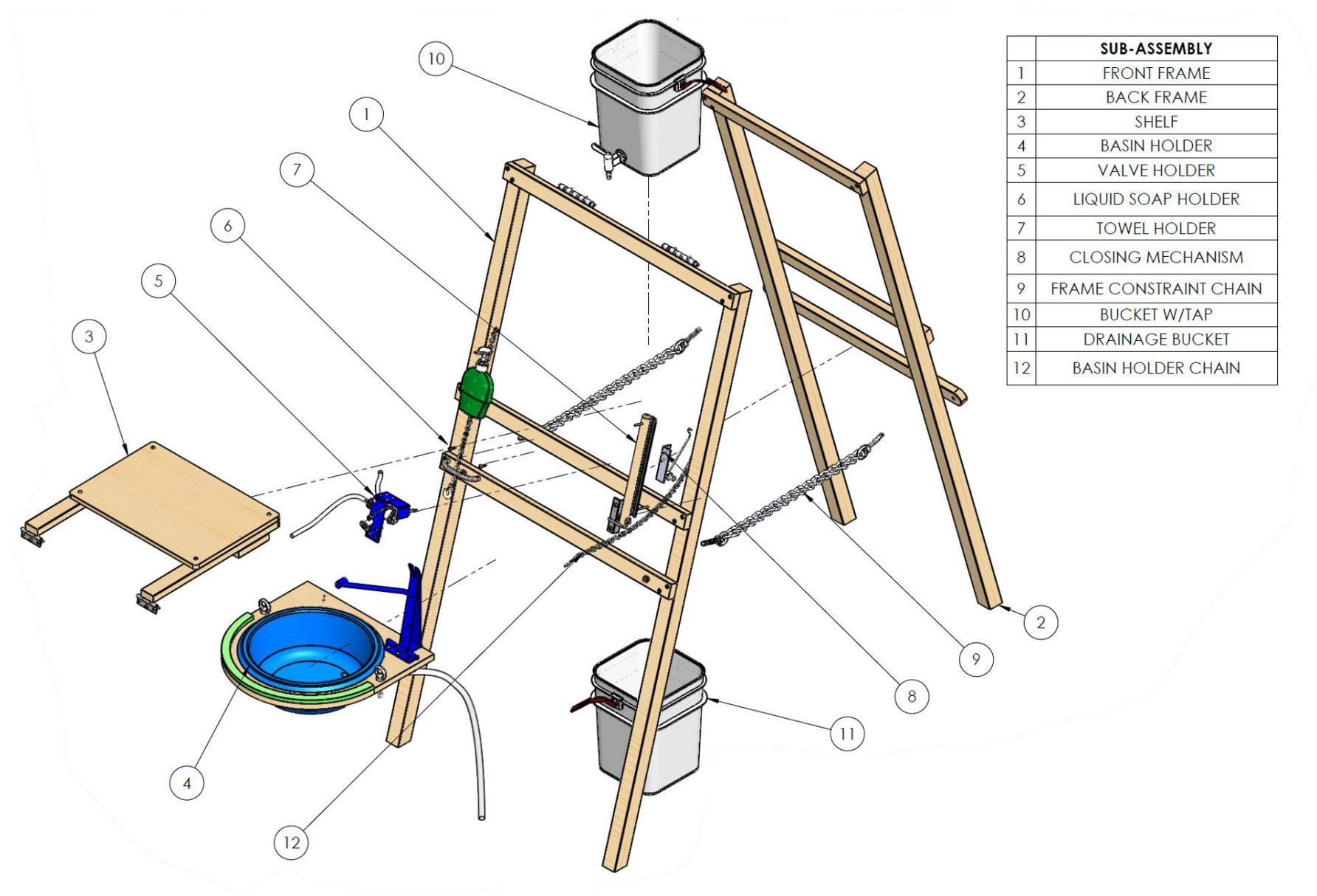
Maker Manual



Please use in conjunction with the engineering drawing pack

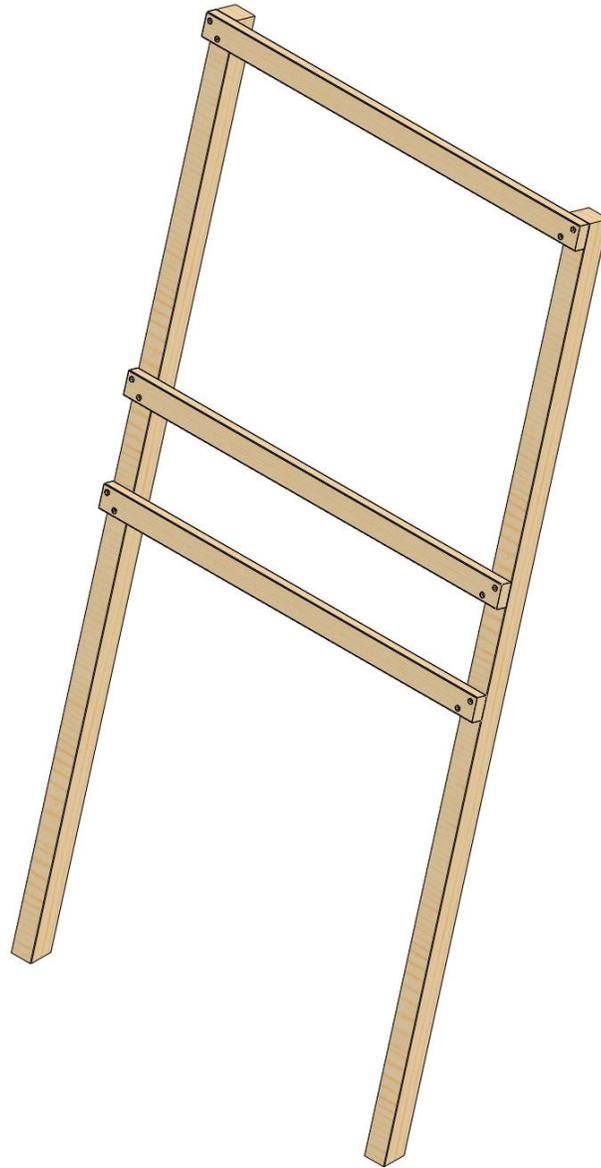


FIELD READY



	SUB-ASSEMBLY
1	FRONT FRAME
2	BACK FRAME
3	SHELF
4	BASIN HOLDER
5	VALVE HOLDER
6	LIQUID SOAP HOLDER
7	TOWEL HOLDER
8	CLOSING MECHANISM
9	FRAME CONSTRAINT CHAIN
10	BUCKET W/TAP
11	DRAINAGE BUCKET
12	BASIN HOLDER CHAIN

SUB-ASSEMBLY 1: FRONT FRAME



SUB-ASSEMBLY 1: MATERIALS



1.	2" x 2" TIMBER [L= 1500MM]	x2
-----------	---------------------------------------	-----------



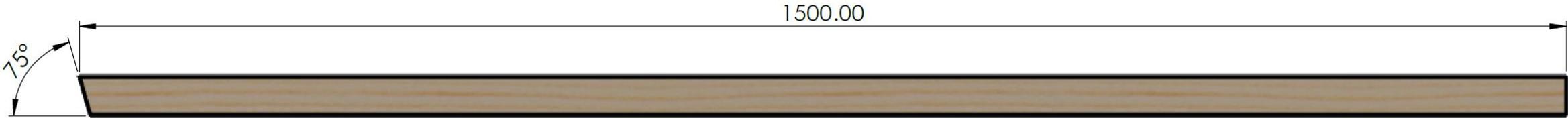
2.	2" x 1" TIMBER [L= 750MM]	x3
-----------	--------------------------------------	-----------



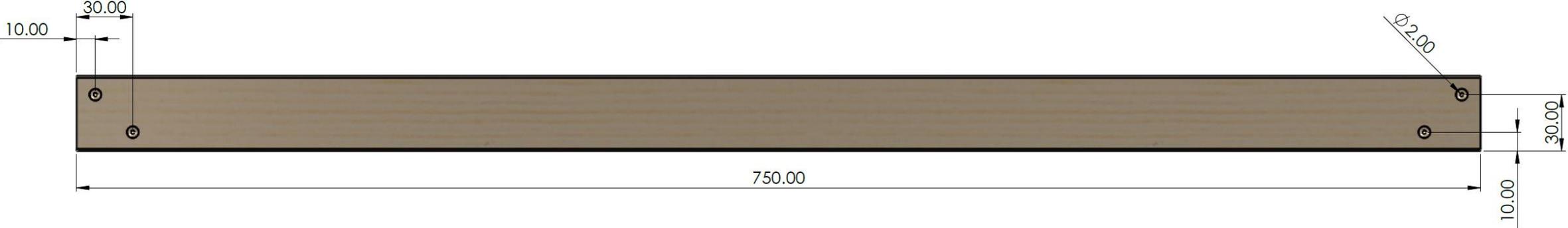
3.	40MM COUNTERSUNK WOOD SCREWS	x12
-----------	---	------------

SUB-ASSEMBLY 1: PARTS

1)

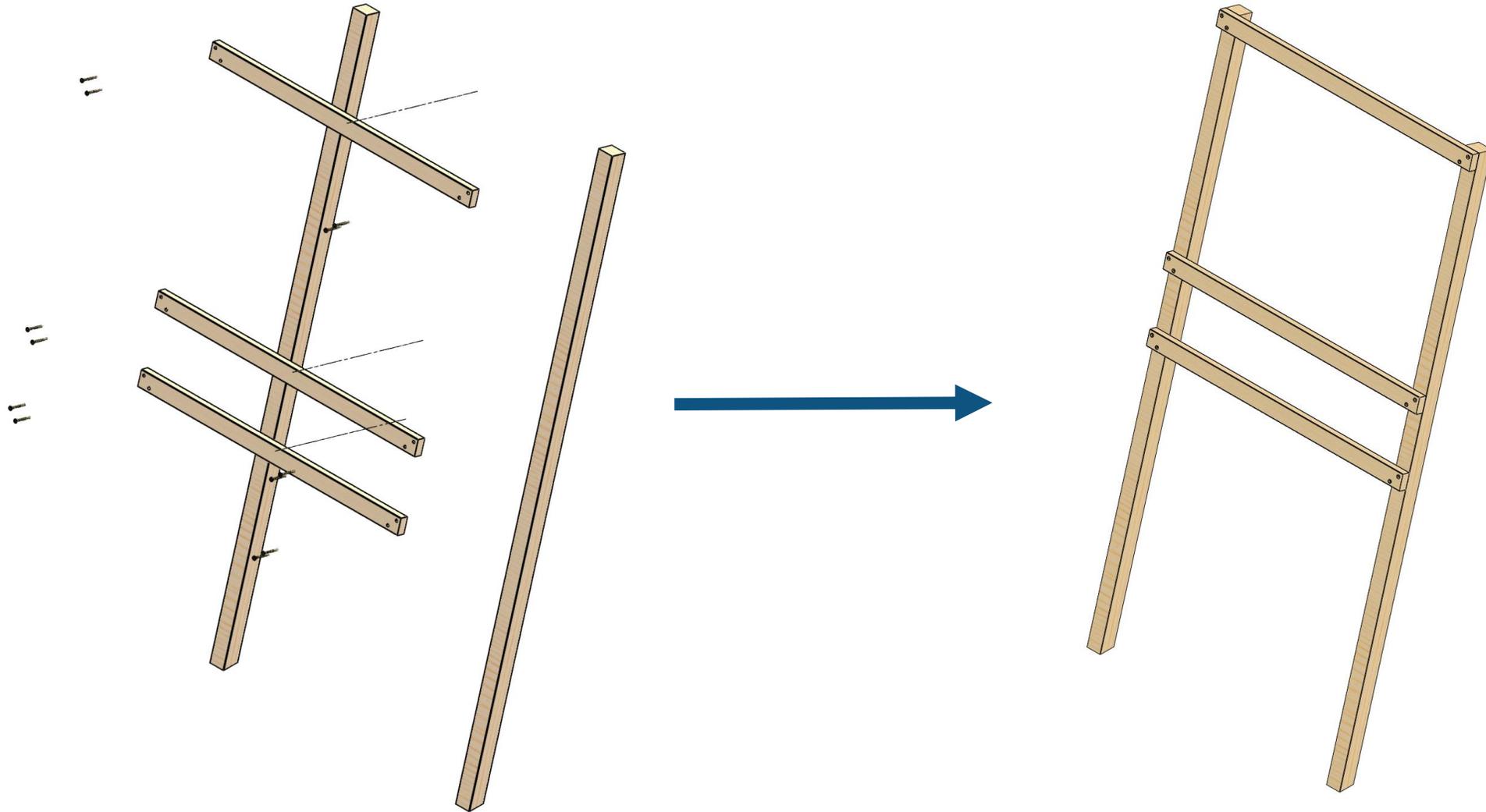


2)



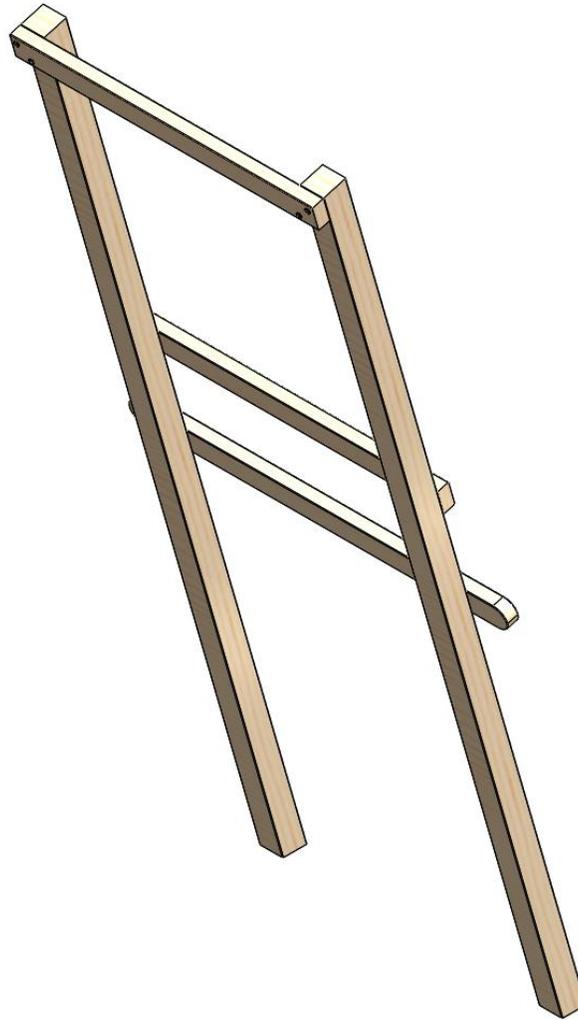
1) CUT TIMBER TO GIVEN DIMENSION x2. 2) CUT TIMBER TO GIVEN DIMENSION x3. SAND AND DEBUR SHARP EDGES.

SUB-ASSEMBLY 1: ASSEMBLY



ASSEMBLE THE FRONT FRAME AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

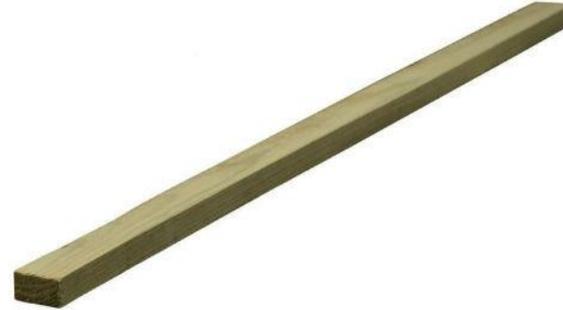
SUB-ASSEMBLY 2: BACK FRAME



SUB-ASSEMBLY 2: MATERIALS



4.	2" x 2" TIMBER [L= 1500MM]	x2
----	---------------------------------------	-----------



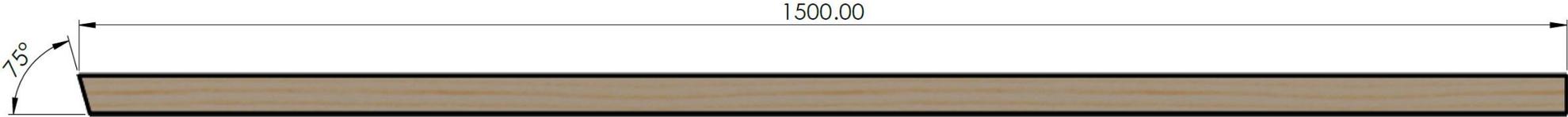
5.	2" x 1" TIMBER [L= 520MM]	x2
6.	[L= 650MM]	x1



7.	40MM COUNTERSUNK WOOD SCREWS	x12
----	---	------------

SUB-ASSEMBLY 2: PARTS

4)



5)

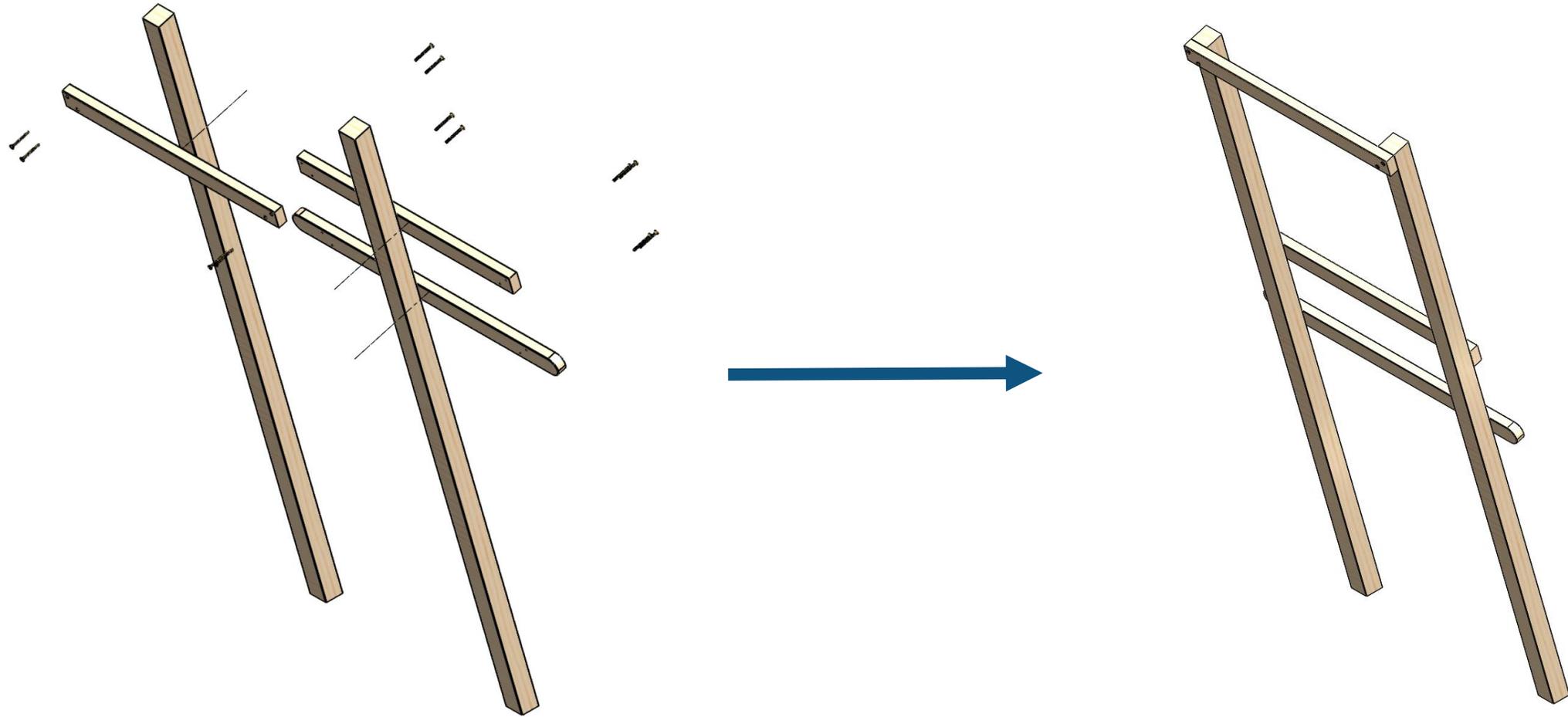


6)



4) CUT TIMBER TO GIVEN DIMENSION x2. 5) CUT TIMBER TO GIVEN DIMENSION x2. 6) CUT TIMBER TO GIVEN DIMENSION. SAND AND DEBUR SHARP EDGES.

SUB-ASSEMBLY 2: ASSEMBLY



ASSEMBLE THE BACK FRAME AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 3: SHELF



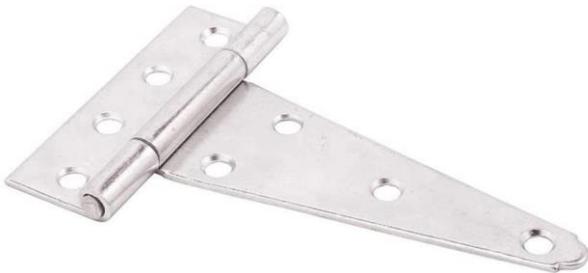
SUB-ASSEMBLY 3: MATERIALS



8.	12MM PLYWOOD [420MM x 280MM]	x1
----	---	-----------



9.	2" x 1" TIMBER [L= 420MM]	x2
10.	[L= 100MM]	x2

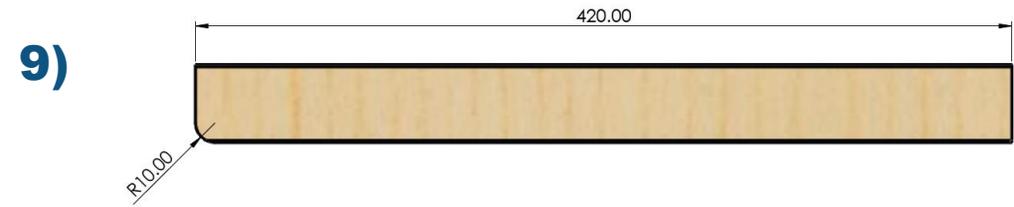


11.	TEE HINGES [70mm X 140mm]	x2
-----	--------------------------------------	-----------



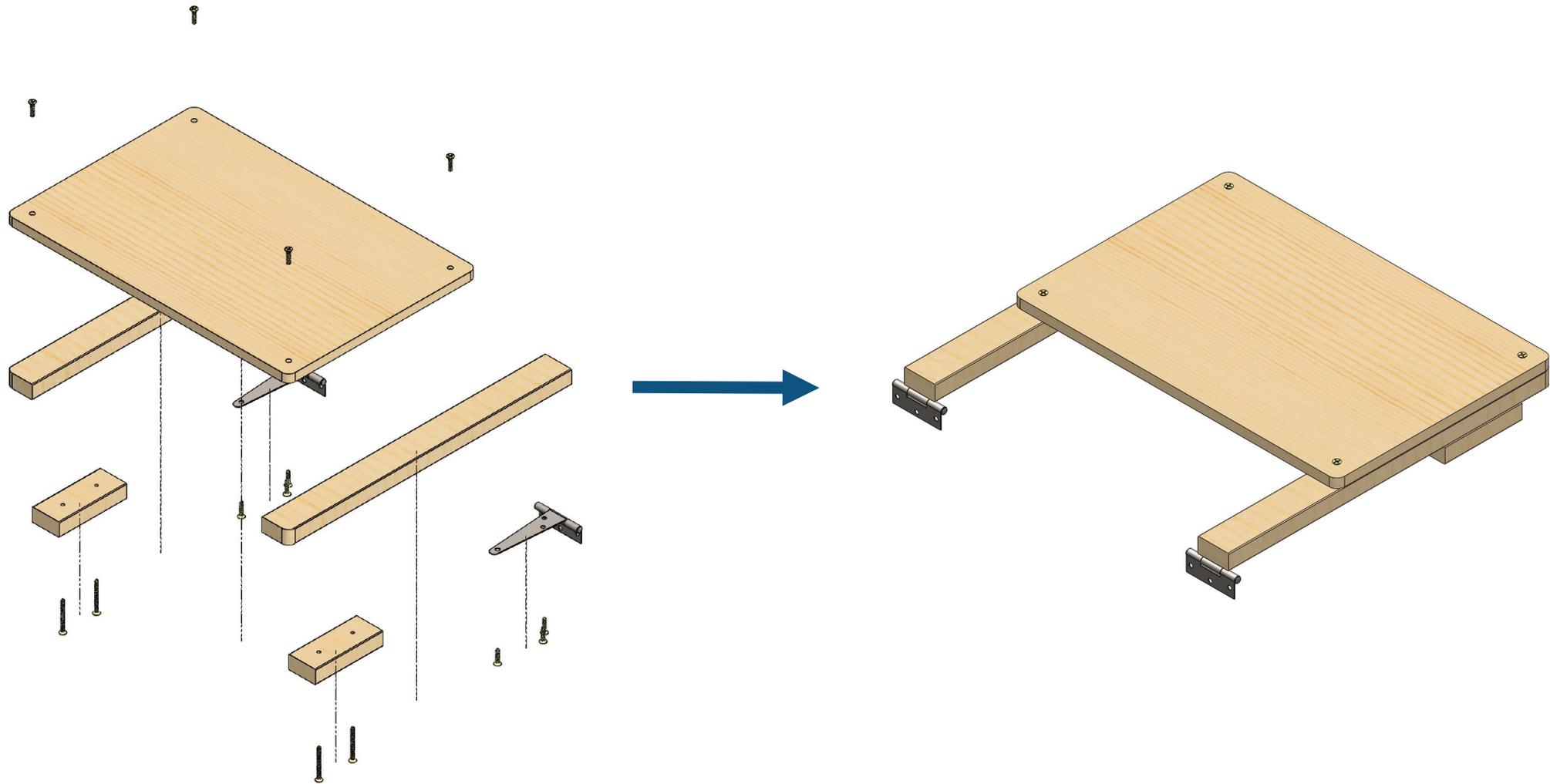
12.	20MM COUNTERSUNK WOOD SCREWS	x10
13.	40MM COUNTERSUNK WOOD SCREW	x4

SUB-ASSEMBLY 3: PARTS



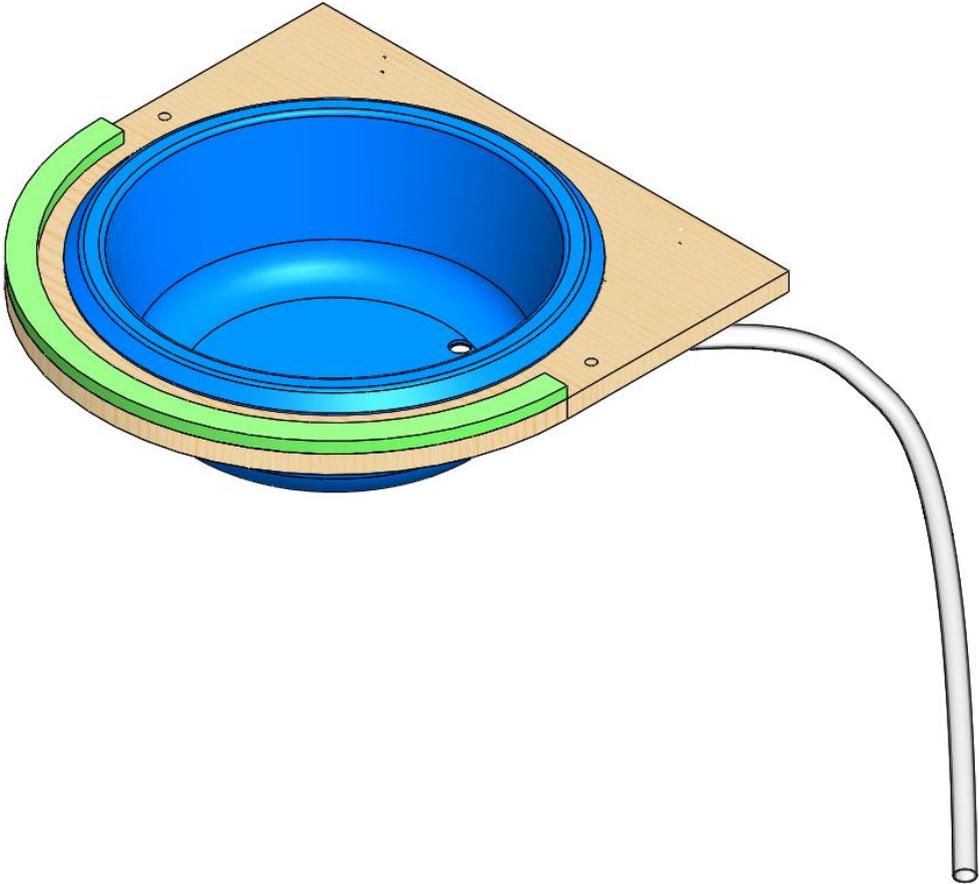
8) CUT PLYWOOD TO GIVEN DIMENSION. 9) CUT TIMBER TO GIVEN DIMENSION x2. 10) CUT TIMBER TO GIVEN DIMENSION x2. SAND AND DEBUR SHARP EDGES.

SUB-ASSEMBLY 3: ASSEMBLY



ASSEMBLE THE SHELF AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 4: BASIN HOLDER



SUB-ASSEMBLY 4: MATERIALS



14.	16MM PLYWOOD [415MM x 405MM]	x1
-----	---	-----------



15.	TEE HINGES [70mm X 140mm]	x2
-----	--------------------------------------	-----------



16.	PLASTIC BASIN	x1
-----	----------------------	-----------



17.	FOAM MAT [655MM x 20MM] STRIP	x2
-----	--	-----------



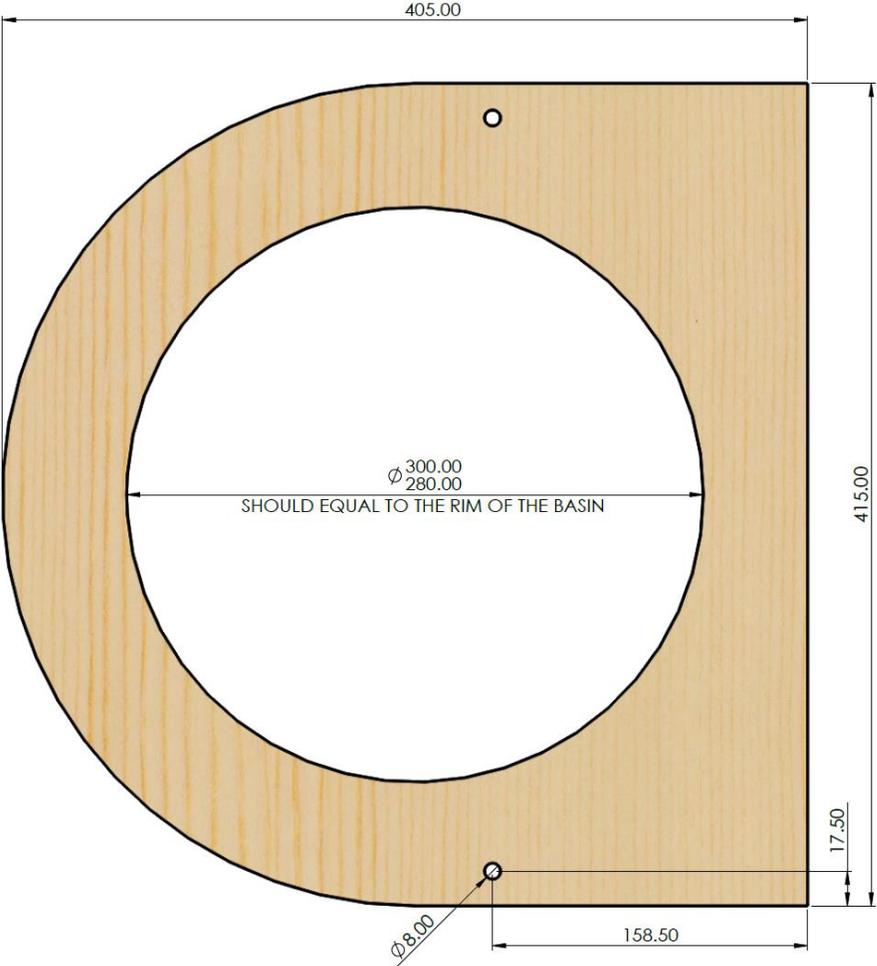
18.	1" PVC ELBOW	x1
-----	---------------------	-----------



19.	5/8" HOSE [L= 670MM]	x1
-----	---------------------------------	-----------

SUB-ASSEMBLY 4: PARTS

14)

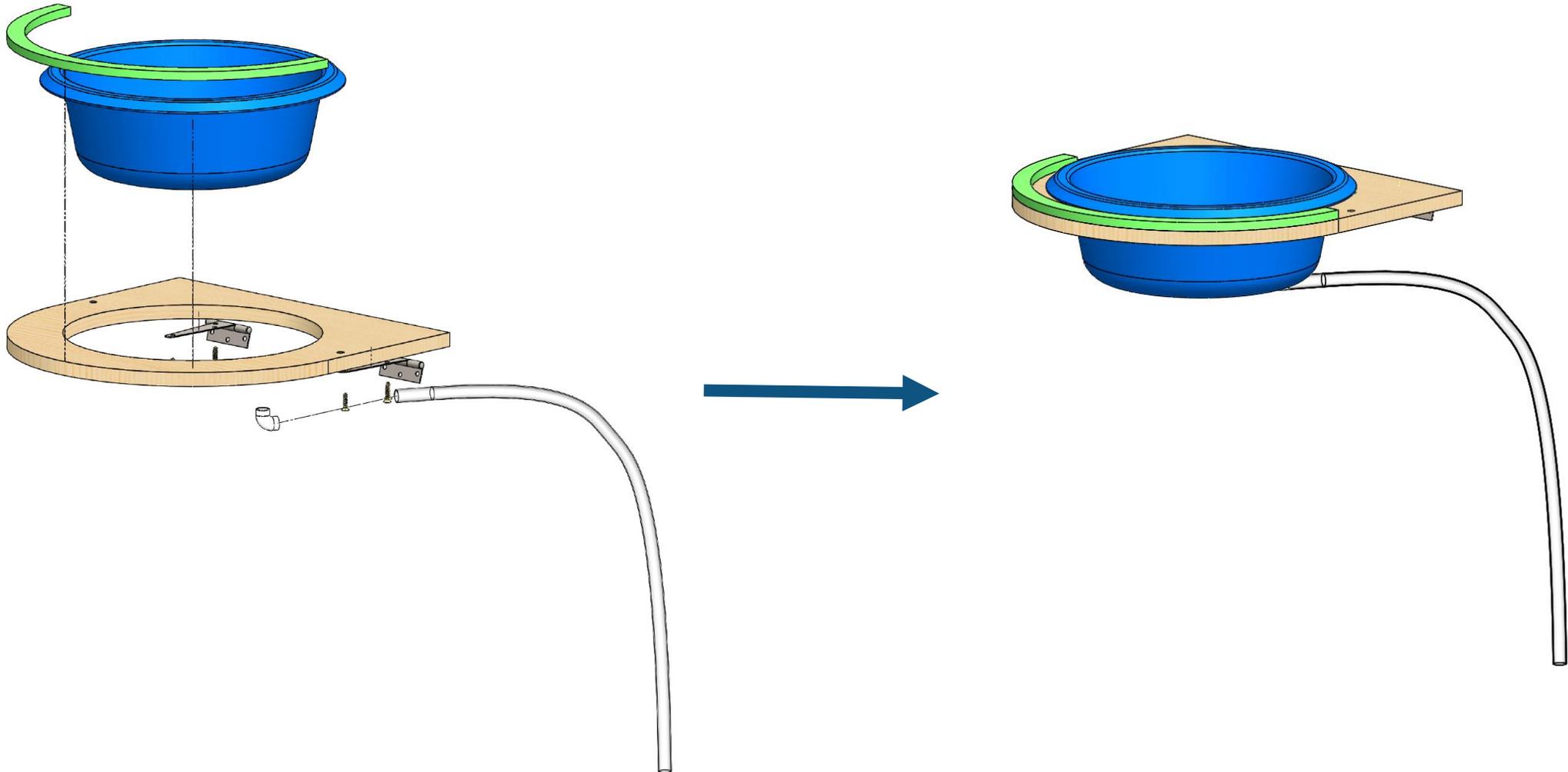


16)



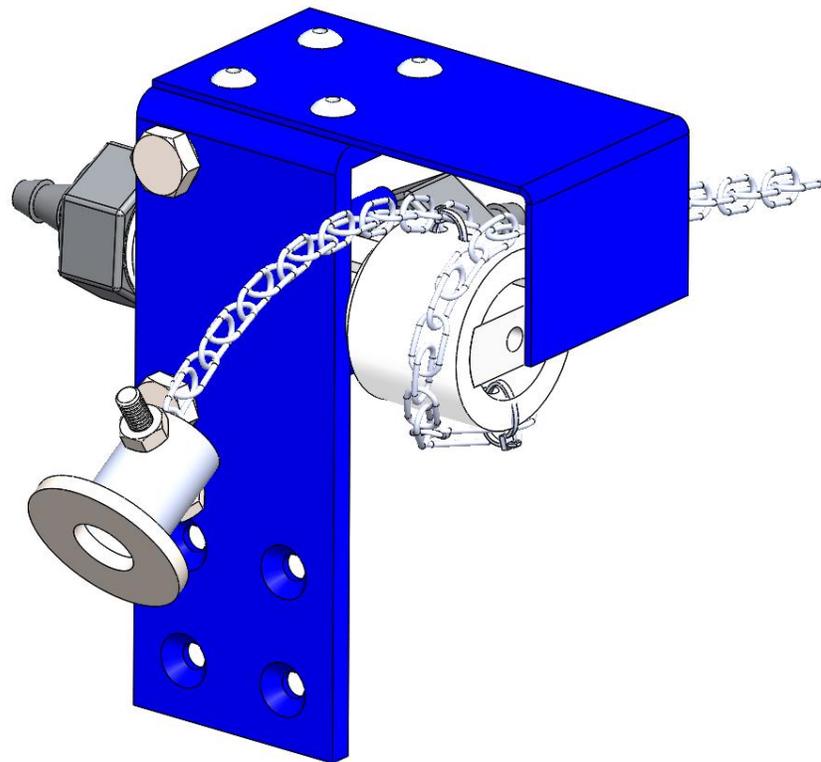
14) CUT AND DRILL HOLES IN PLYWOOD TO THE GIVEN SPECIFICATIONS. 16) DRILL A $\phi 15$ MM HOLE CLOSE TO THE EDGE OF THE BASIN.

SUB-ASSEMBLY 4: ASSEMBLY



ASSEMBLE THE BASIN HOLDER AS SHOWN. USE MULTIPURPOSE GLUE TO ATTACH FOAM MAT TO WOOD, ELBOW TO BASIN AND HOSE TO ELBOW. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

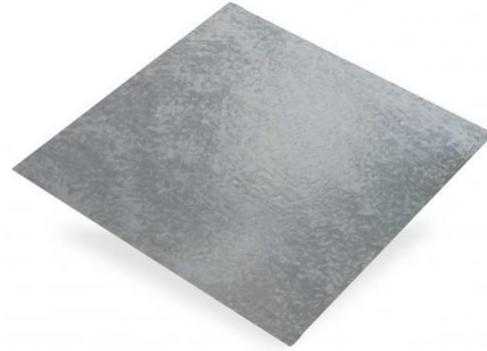
SUB-ASSEMBLY 5: VALVE HOLDER



SUB-ASSEMBLY 5: MATERIALS



20.	40MM x 3MM MILD STEEL FLAT BAR [L = 145MM]	x1
-----	--	-----------



21.	18 GAUGE GALVANIZED STEEL SHEET [105MM x 30MM]	x1
-----	---	-----------



22.	RIVETS [3.2MM x 16MM]	x4
-----	----------------------------------	-----------



23.	5MM ROUND STEEL BAR [L= 25MM]	x2
-----	--	-----------



24.	25MM METAL SADDLE	x1
-----	------------------------------	-----------



25.	PEX ANGLE VALVE QUARTER TURN 1/2 X 1/2" CHROME	x1
-----	---	-----------

SUB-ASSEMBLY 5: MATERIALS



26.	PVC PRESSURE PLAIN TEE 40MM	x1
-----	--	-----------



27.	CABLE TIES 2.5 X 100MM	x2
-----	-----------------------------------	-----------



28.	BOLT & NUT HEX M6 X 25	x2
-----	---------------------------------------	-----------



29.	1/2" HOSE CONNECTOR	x2
-----	--------------------------------	-----------

SUB-ASSEMBLY 5: MATERIALS



30.	ROUND STEEL TUBE 20 X 1.6 X 20MM	x1
-----	---	-----------



31.	FLAT WASHER M10	x1
-----	------------------------	-----------



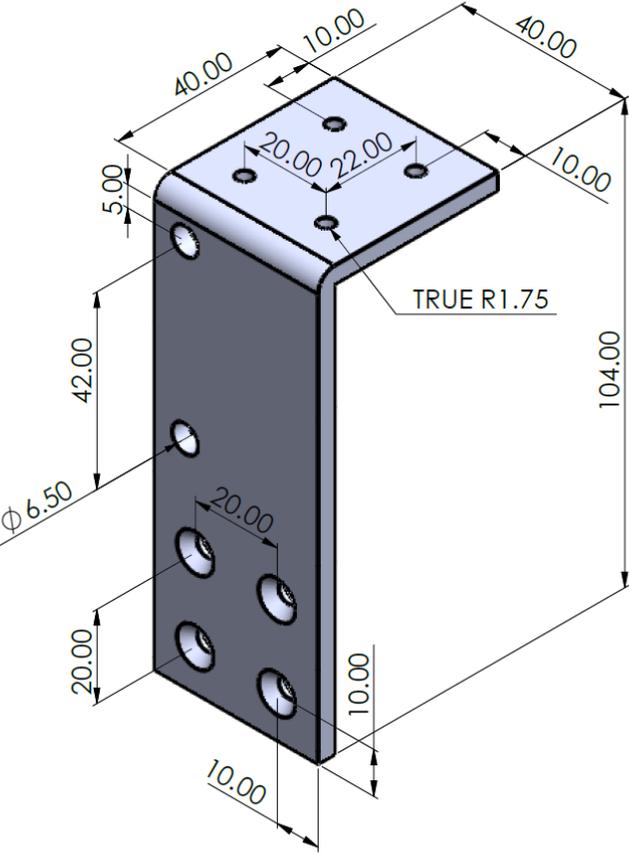
32.	BOLT & NUT HEX M4 X 25	x1
-----	---------------------------------------	-----------



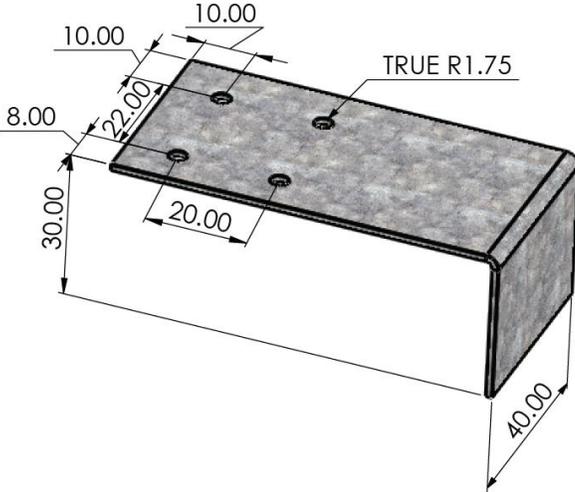
33.	2MM STRAIGHT LINK CHAIN [L=200MM]	x1
-----	--	-----------

SUB-ASSEMBLY 5: PARTS

20)



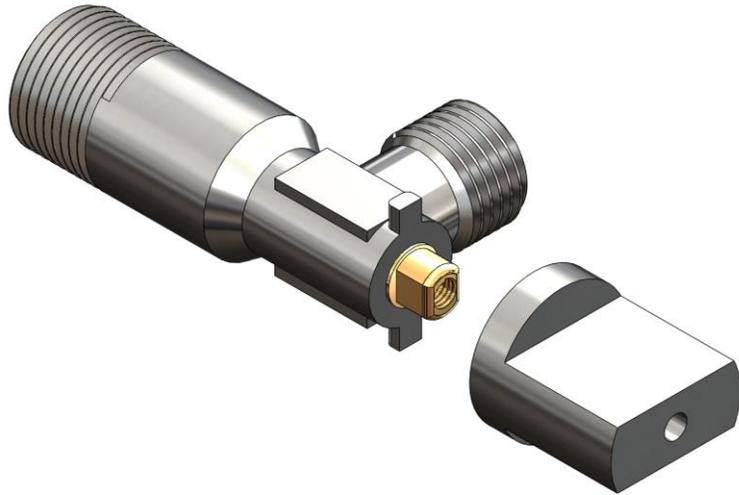
21)



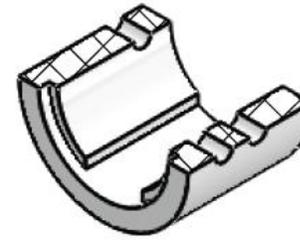
20) BEND AND DRILL HOLES TO PART'S SPECIFIED DIMENSIONS.
21) BEND AND DRILL HOLES TO PART'S SPECIFIED DIMENSIONS.

SUB-ASSEMBLY 5: PARTS

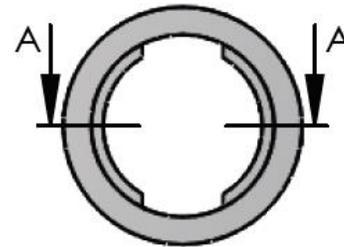
25)



26)



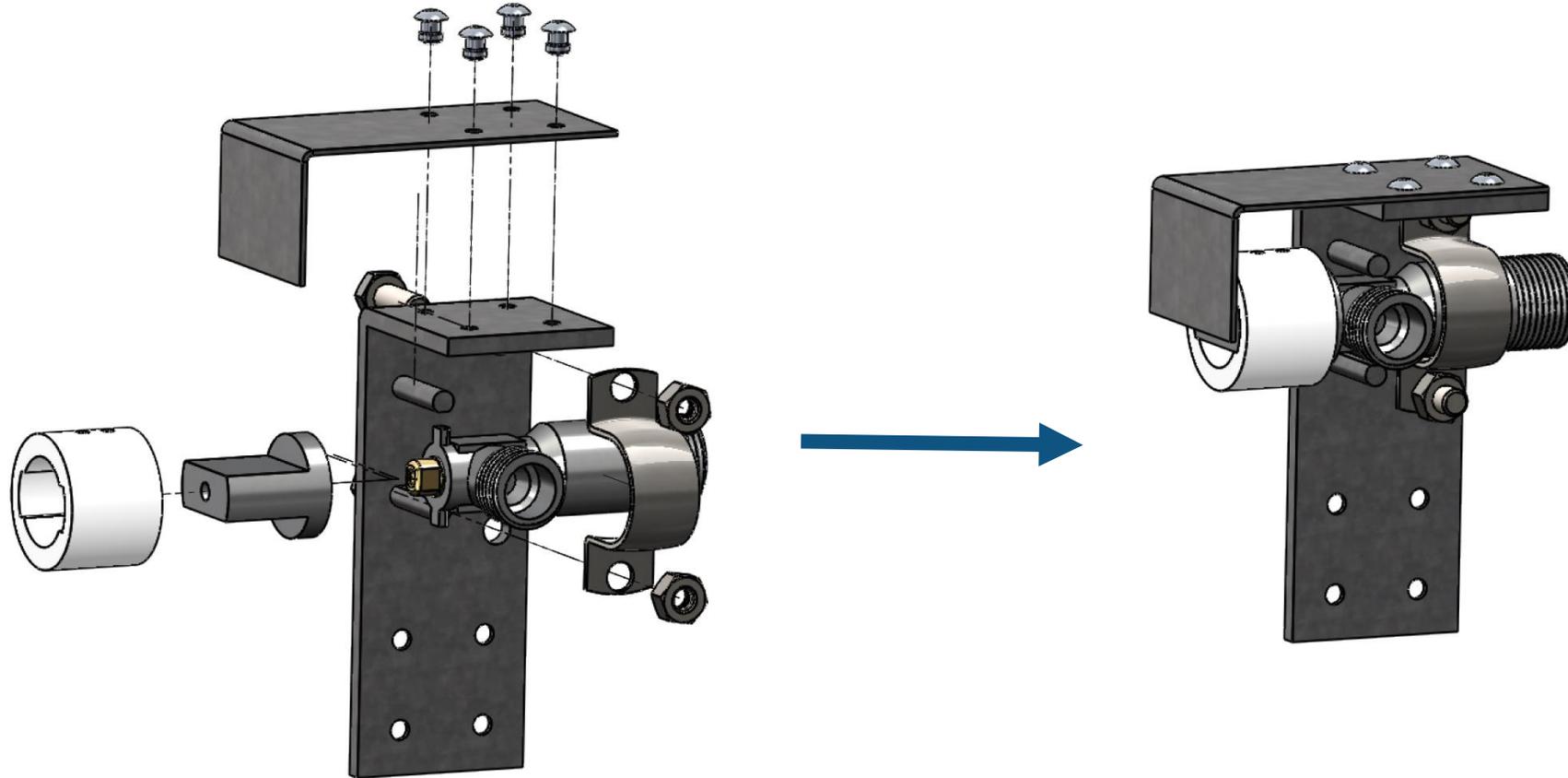
SECTION A-A



25) REMOVE KNOB OF THE VALVE.

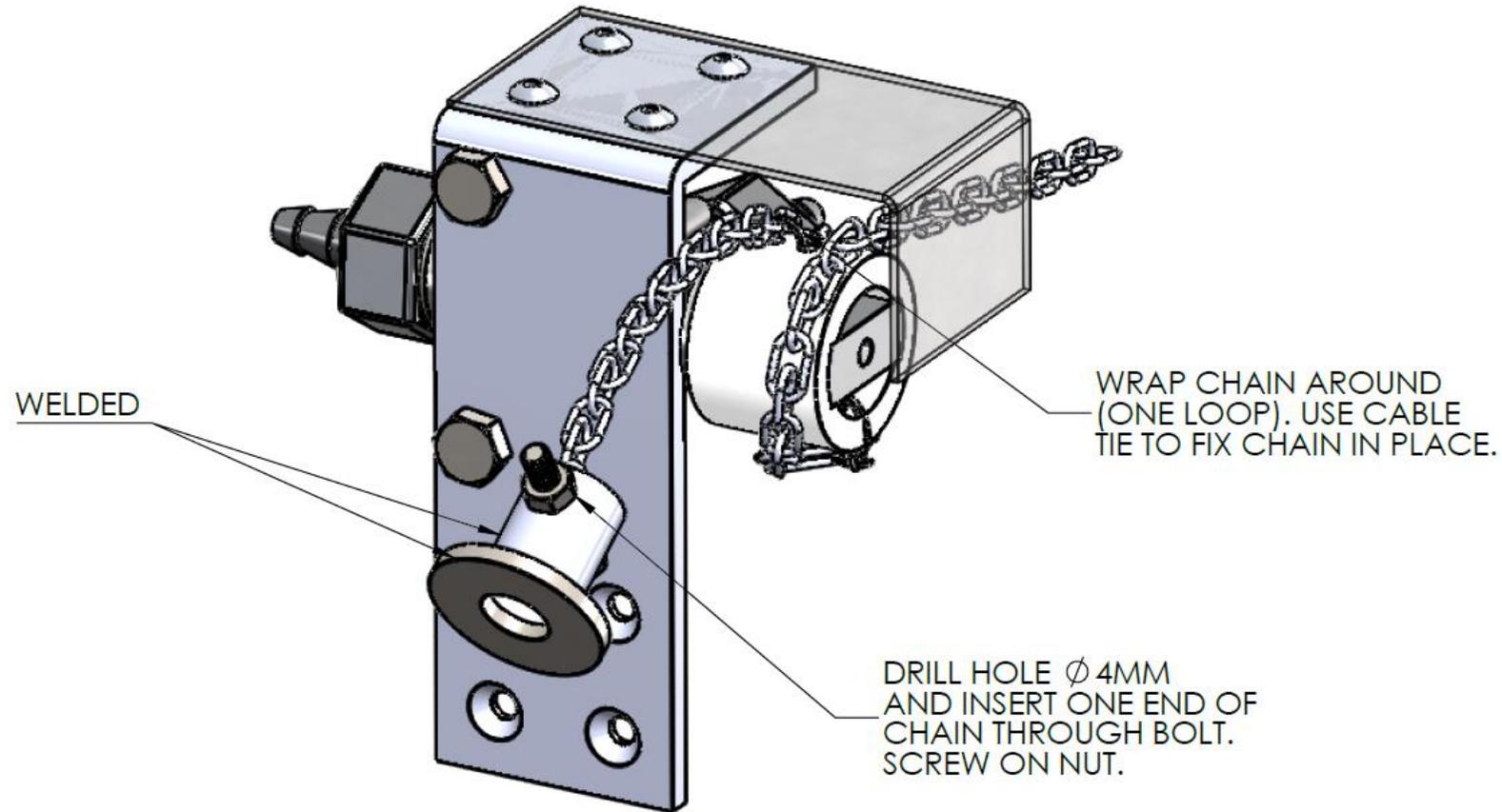
26) CUT ONE END OF TEE AND OBTAIN THE HOLLOW CYLINDER. MAKE HOLES AND GROOVES AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 5: ASSEMBLY



ASSEMBLE THE VALVE HOLDER AS SHOWN. PART 26 IS SLOT IN TO THE KNOB OF THE VALVE AND GLUED IN PLACE. PART 23 IS WELDED TO PART 20. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 5: ASSEMBLY



ASSEMBLE THE REMAINING COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 6: LIQUID SOAP HOLDER



SUB-ASSEMBLY 6: MATERIALS

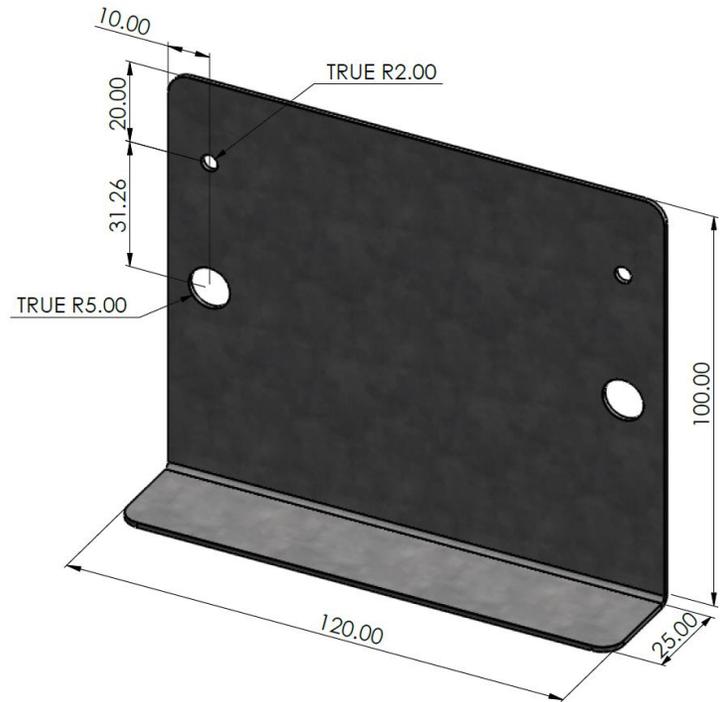


34.	18 GAUGE GALVANIZED STEEL SHEET [125MM x 120MM]	x1
------------	--	-----------



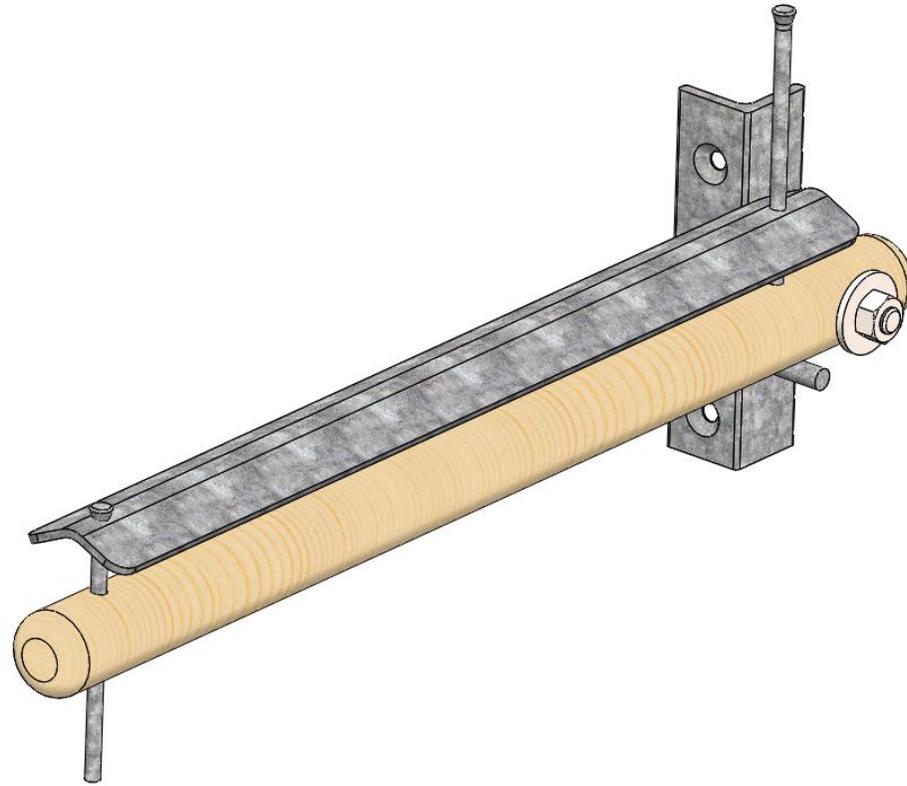
35.	SHOCK CORD 8MM [L=200mm]	x1
------------	-------------------------------------	-----------

SUB-ASSEMBLY 6: PARTS & ASSEMBLY



BEND AND DRILL HOLES ON STEEL SHEET AS SPECIFIED. REFER TO ENGINEERING DRAWING FOR DIMENSIONS. SLOT THE SHOCK CORD THROUGH THE LARGE HOLES AS SHOWN. TIE KNOTS AT THE BACK.

SUB-ASSEMBLY 7: TOWEL HOLDER



SUB-ASSEMBLY 7: MATERIALS



36.	25MM X 3MM ANGLE IRON [L=85MM]	x1
-----	---	-----------



37.	5MM ROUND STEEL BAR [L= 45MM]	x1
-----	--	-----------



38.	M6 X 30 BOLT, NUT & WASHER	x1
-----	---	-----------



39.	1" WOODEN DOWL [L=290mm]	x1
-----	-------------------------------------	-----------



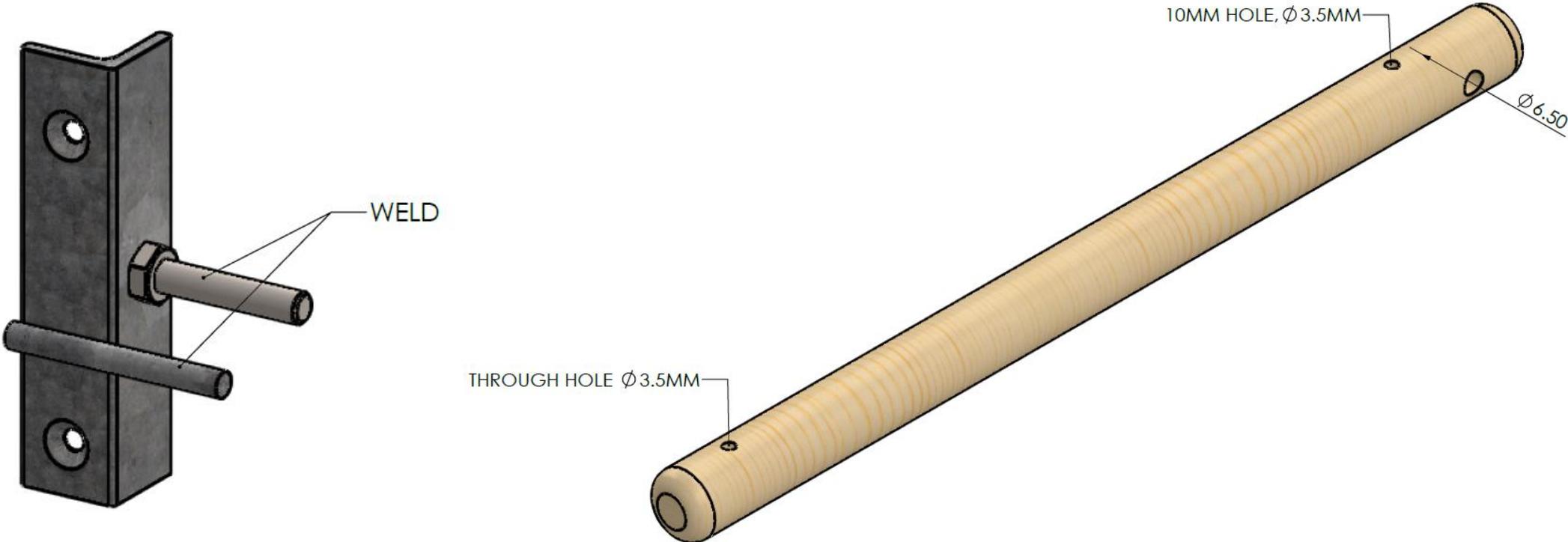
40.	NAILS JOLT HEAD GALV 100MM	x2
-----	---	-----------



41.	30mm STRAPPING [L=255mm]	x1
-----	-------------------------------------	-----------

SUB-ASSEMBLY 7: PARTS

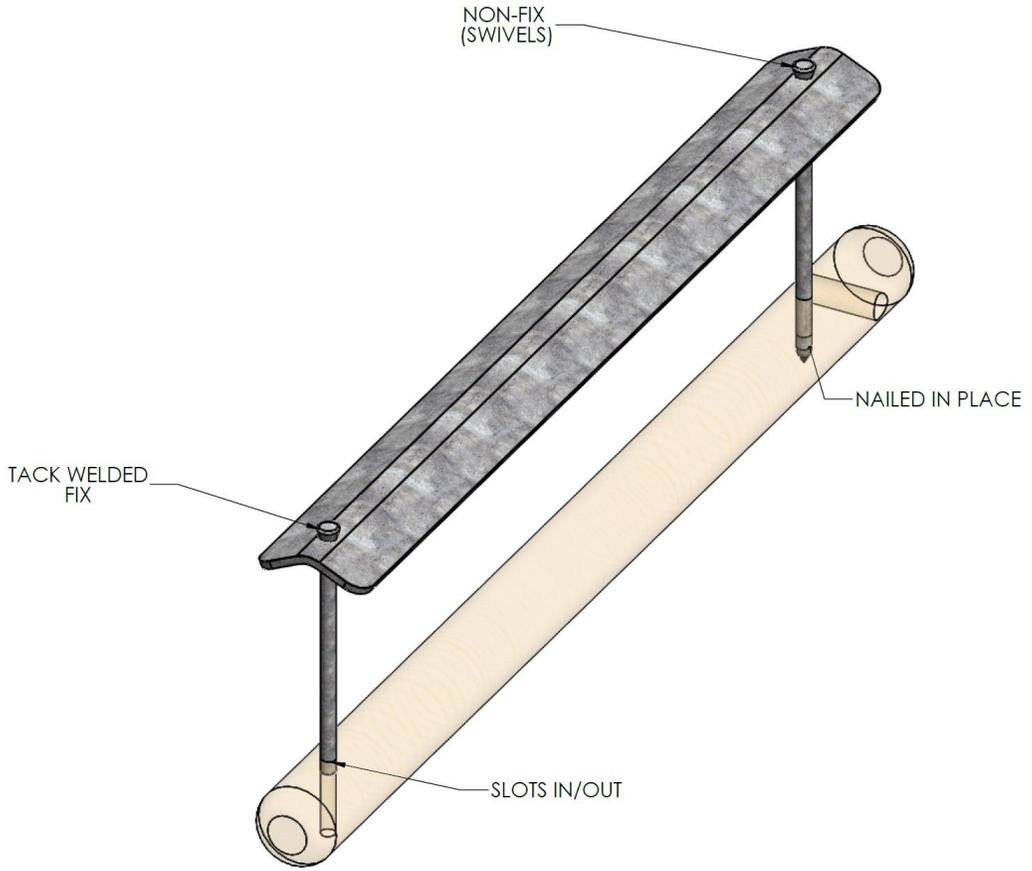
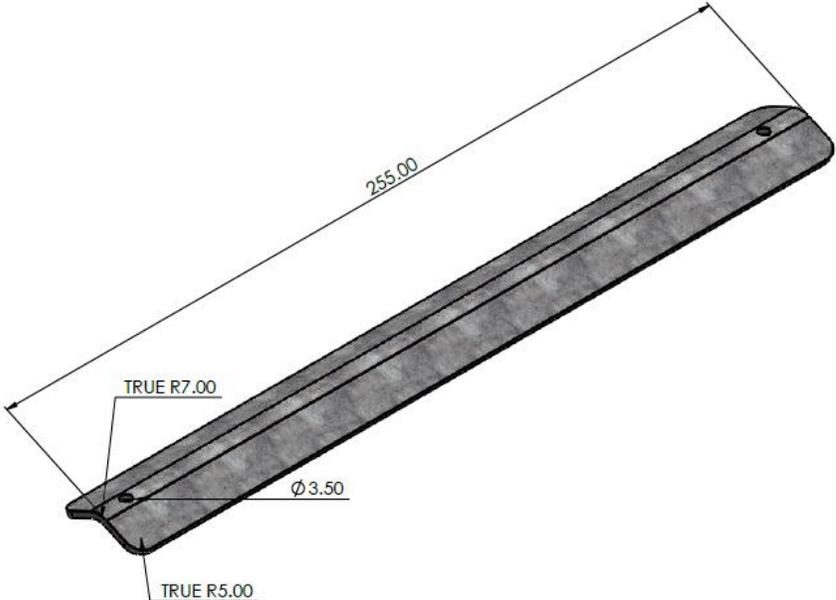
36)



WELD STEEL ROD AND BOLT TO PART 36 AS SHOWN. DRILL HOLES AND FILLET PART 39 AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

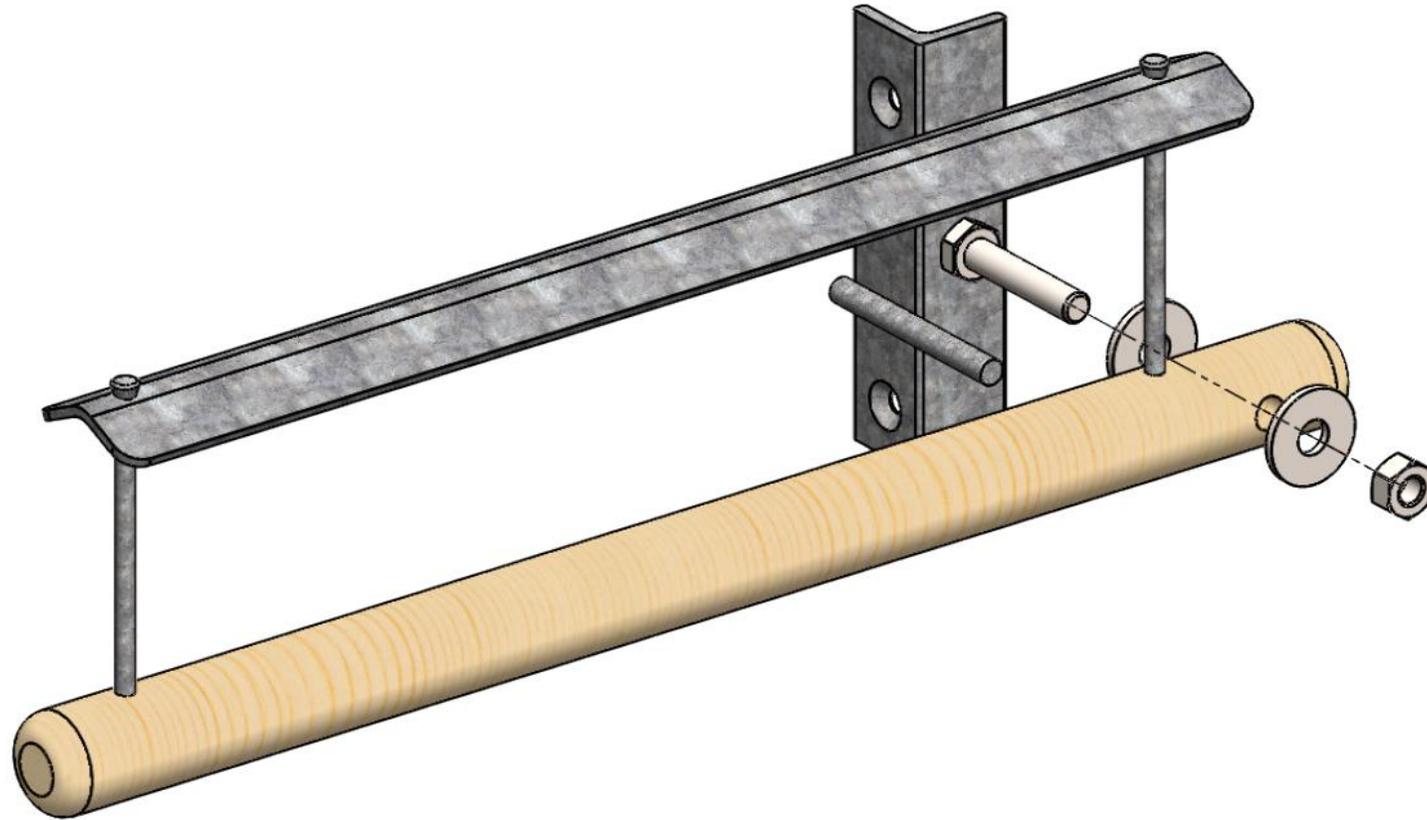
SUB-ASSEMBLY 7: PARTS

41)



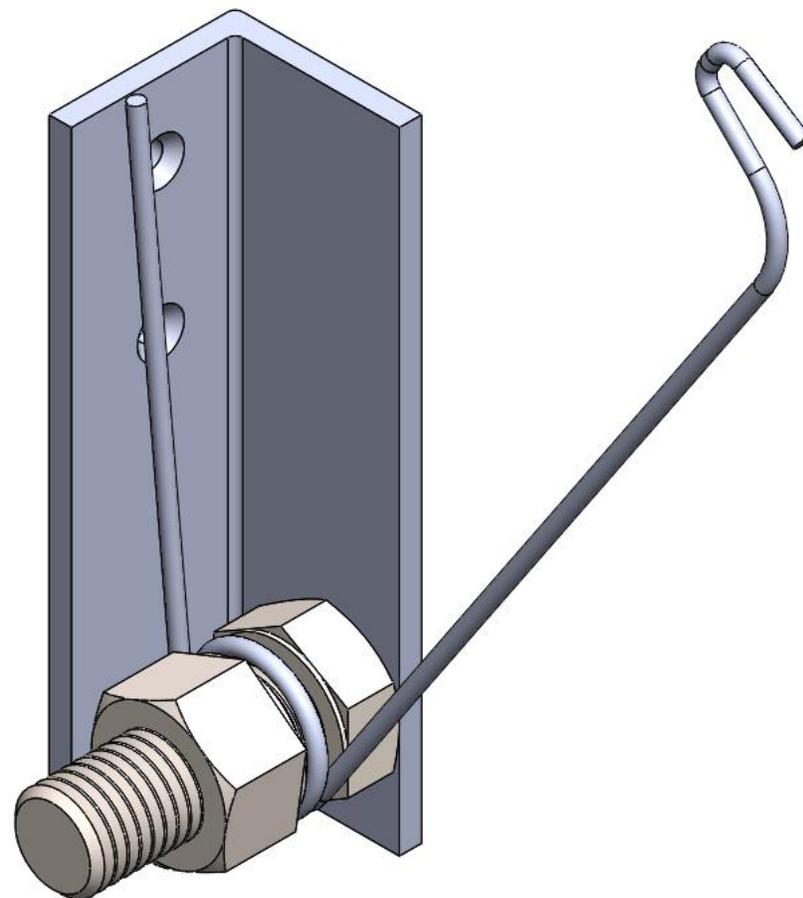
41) CUT & BEND STRAPPING TO GIVEN SPECIFICATION. REFER TO ENGINEERING DRAWING FOR DIMENSIONS. ATTACH NAILS, DOWL & STRAPPING TOGETHER AS SHOWN

SUB-ASSEMBLY 7: ASSEMBLY



ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 8: VALVE CLOSING MECHANISM



SUB-ASSEMBLY 8: MATERIALS



42.	25MM X 3MM ANGLE IRON [L=85MM]	x1
------------	---	-----------



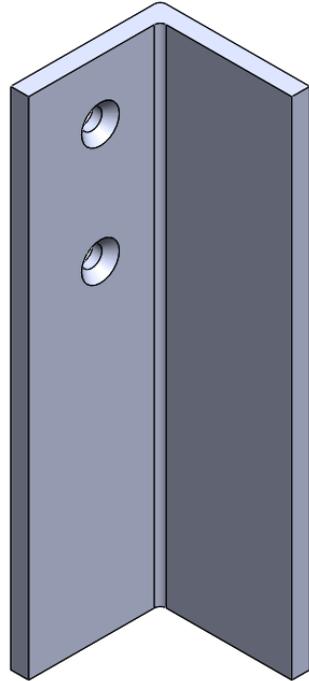
44.	M12 X 30 BOLT W/NUT	x1
------------	--------------------------------	-----------



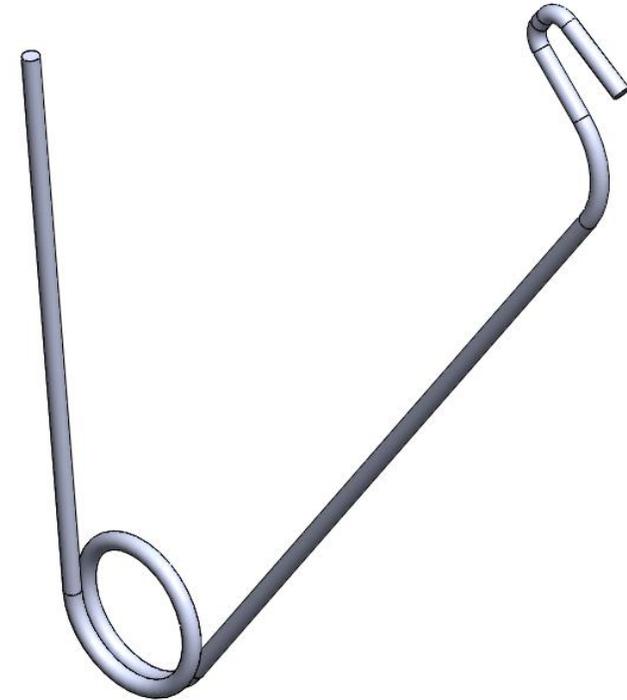
43.	FISHING SNAP	x1
------------	---------------------	-----------

SUB-ASSEMBLY 8: PARTS

42)

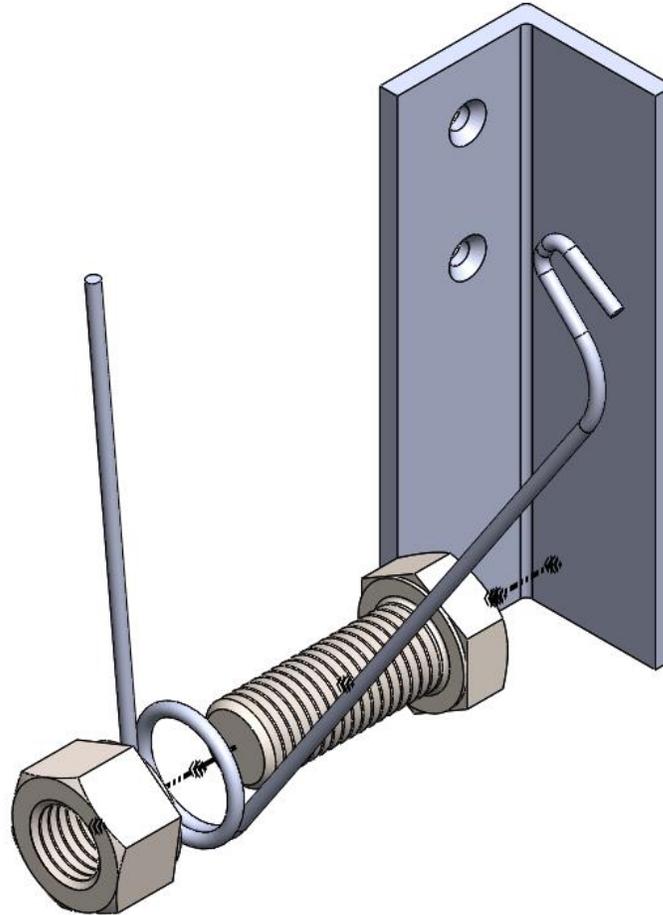


43)



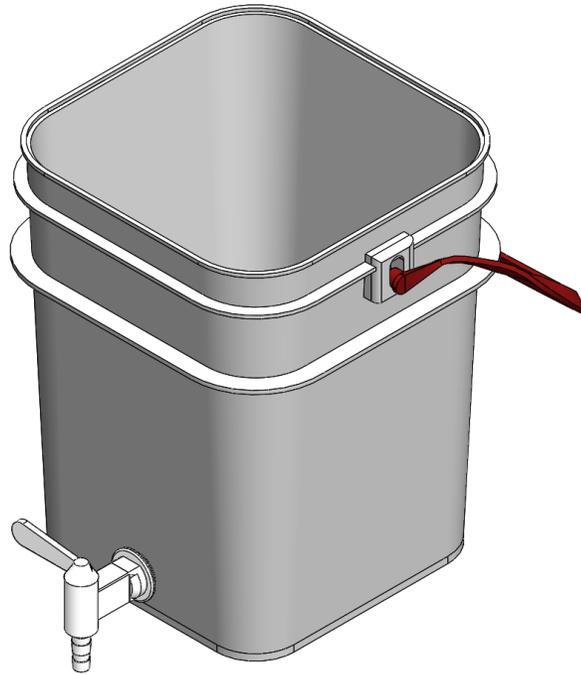
42) DRILL HOLES IN THE SPECIFIED LOCATIONS. 43) CUT FISHING SNAP AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 8: ASSEMBLY



ASSEMBLE THE COMPONENTS AS SHOWN. WELD THE BOLT TO THE ANGLE IRON. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

SUB-ASSEMBLY 9: BUCKET WITH TAP



SUB-ASSEMBLY 9: MATERIALS

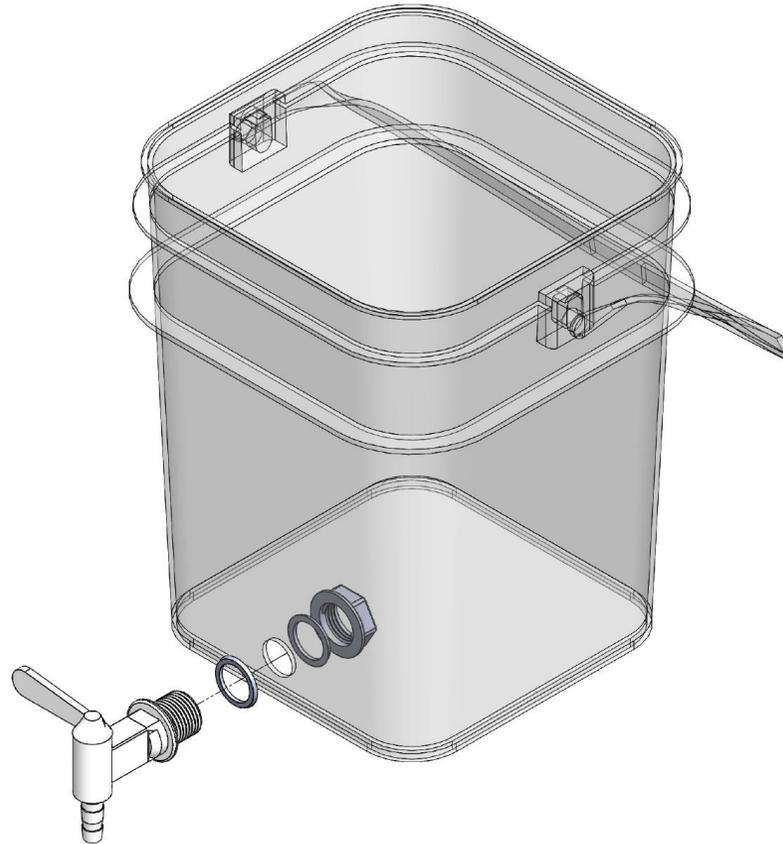


45.	20L BUCKET	x2
------------	-------------------	-----------



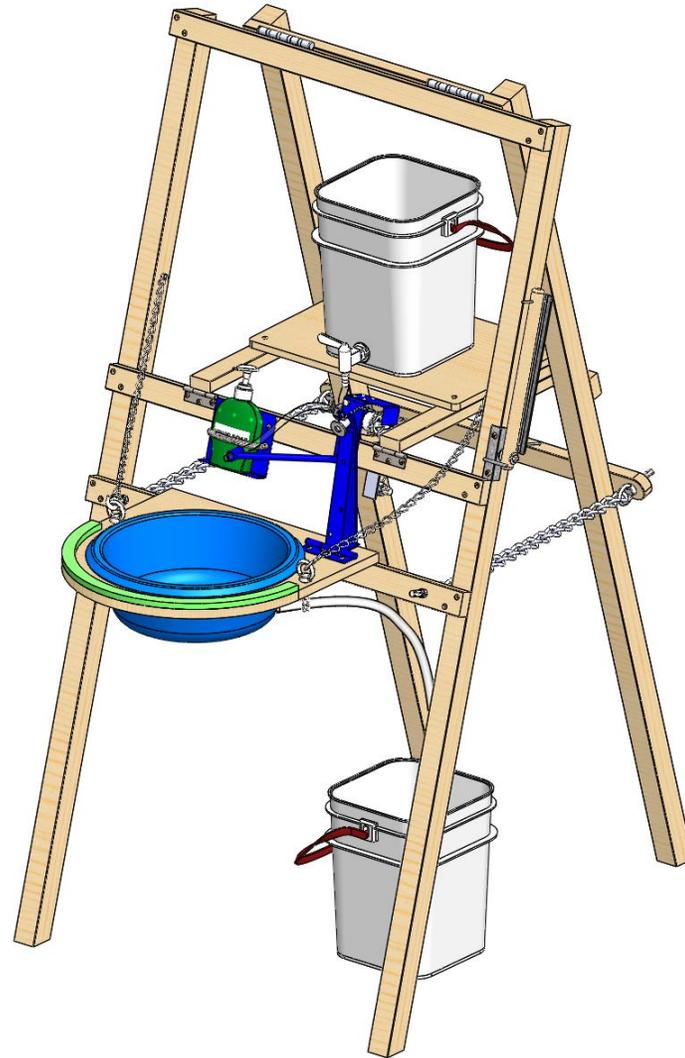
46.	PLASTIC TAP SET	x1
------------	------------------------	-----------

SUB-ASSEMBLY 9: ASSEMBLY



DRILL $\frac{1}{2}$ INCH HOLE TOWARDS THE BOTTOM OF ONE BUCKET. ASSEMBLE THE COMPONENTS AS SHOWN.

ASSEMBLY



ADDITIONAL MATERIALS



47.	2mm TWISTED LINK CHAIN [L= 460MM]	x2
48.	[L= 400MM]	x2



49.	EYEBOLT M8 X 50mm W/NUT	x6
-----	------------------------------------	-----------



50.	SNAP HOOK 60 X 6MM	x2
-----	-------------------------------	-----------



51.	1/2" HOSE [L= 235MM]	x2
-----	---------------------------------	-----------

ADDITIONAL MATERIALS



52.	20MM WOOD SCREW	x47
------------	------------------------	------------

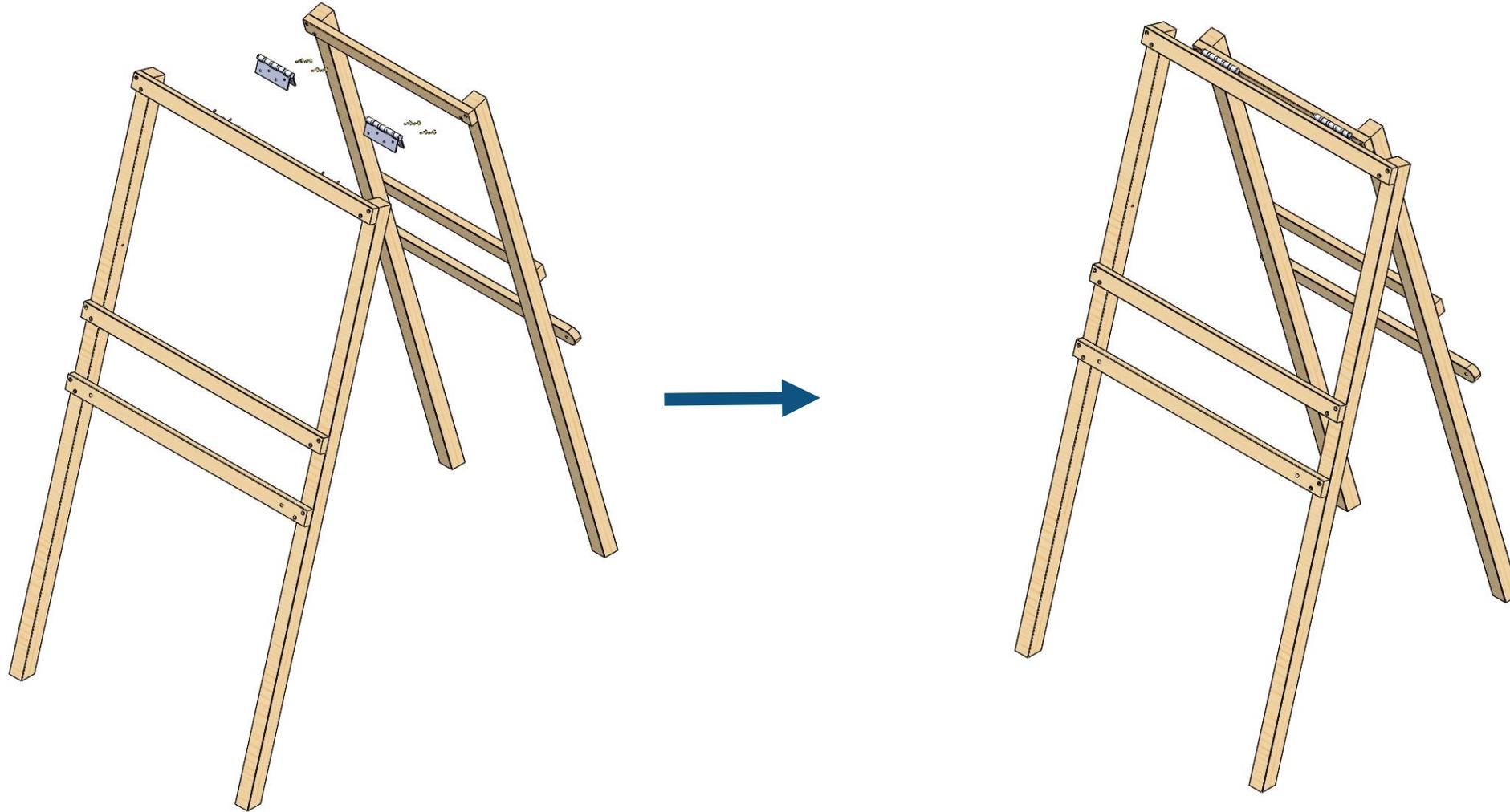


53.	M8 X 32 COACH SCREW	x2
------------	----------------------------	-----------



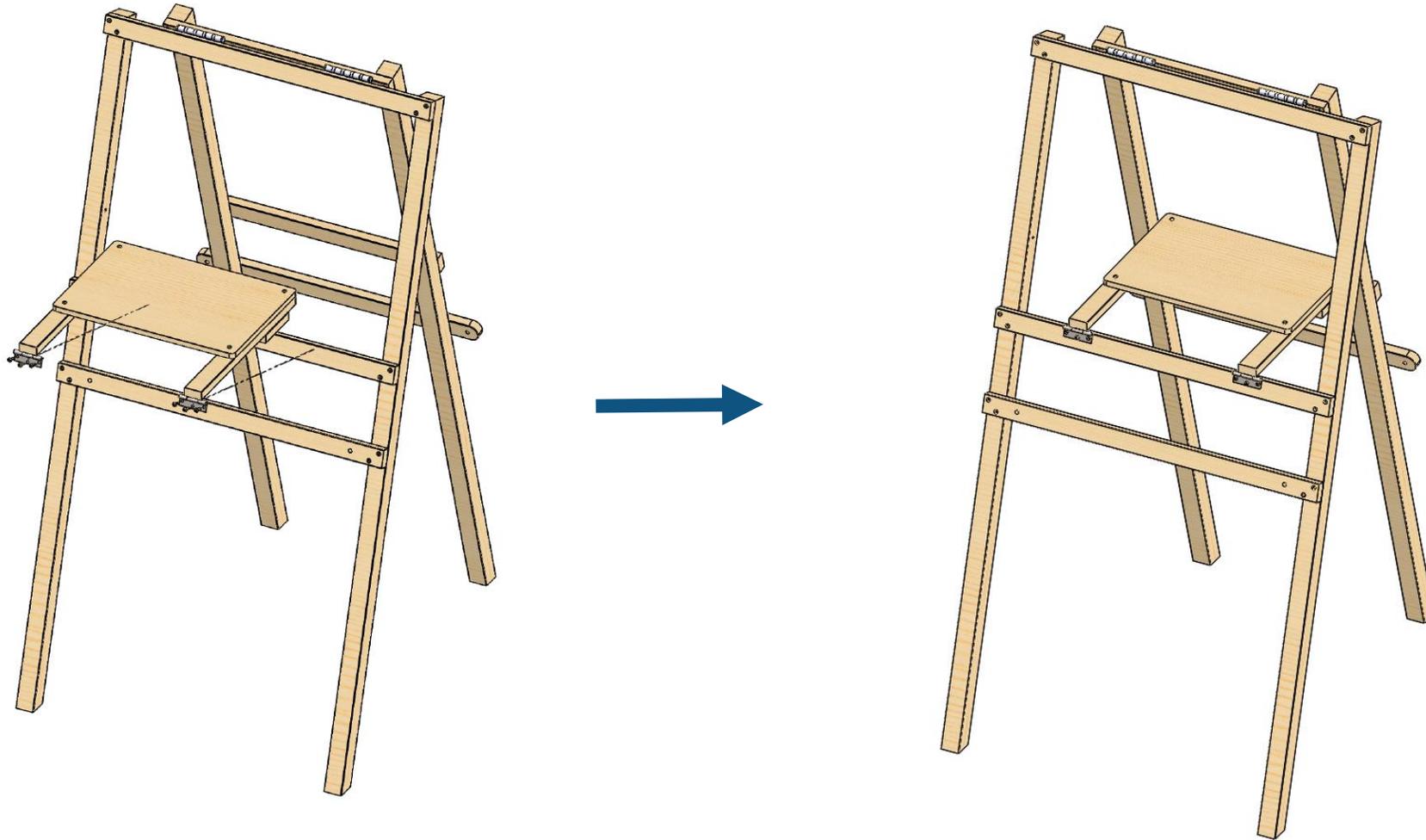
54.	3" BUTT HINGES	x2
------------	-----------------------	-----------

ASSEMBLY: FRAMES



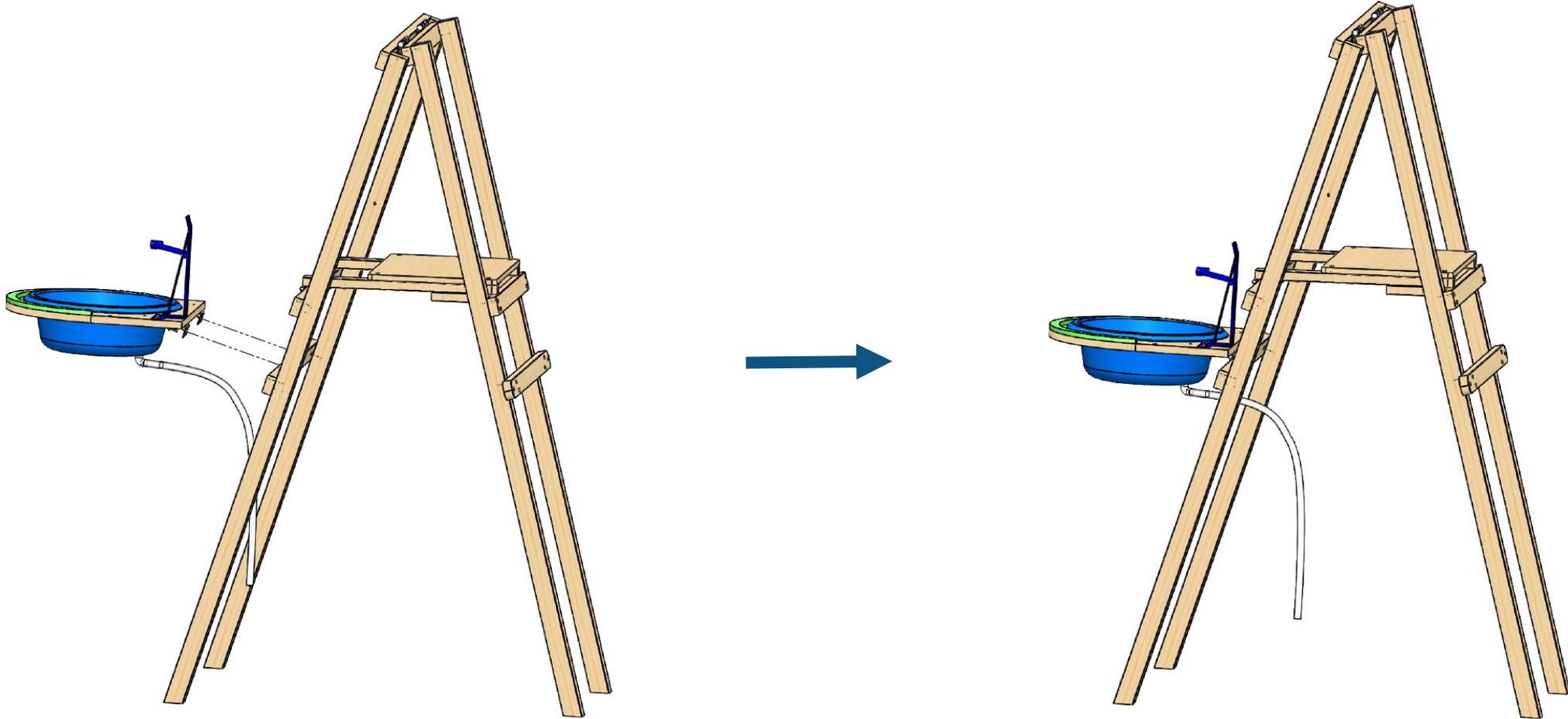
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: SHELF



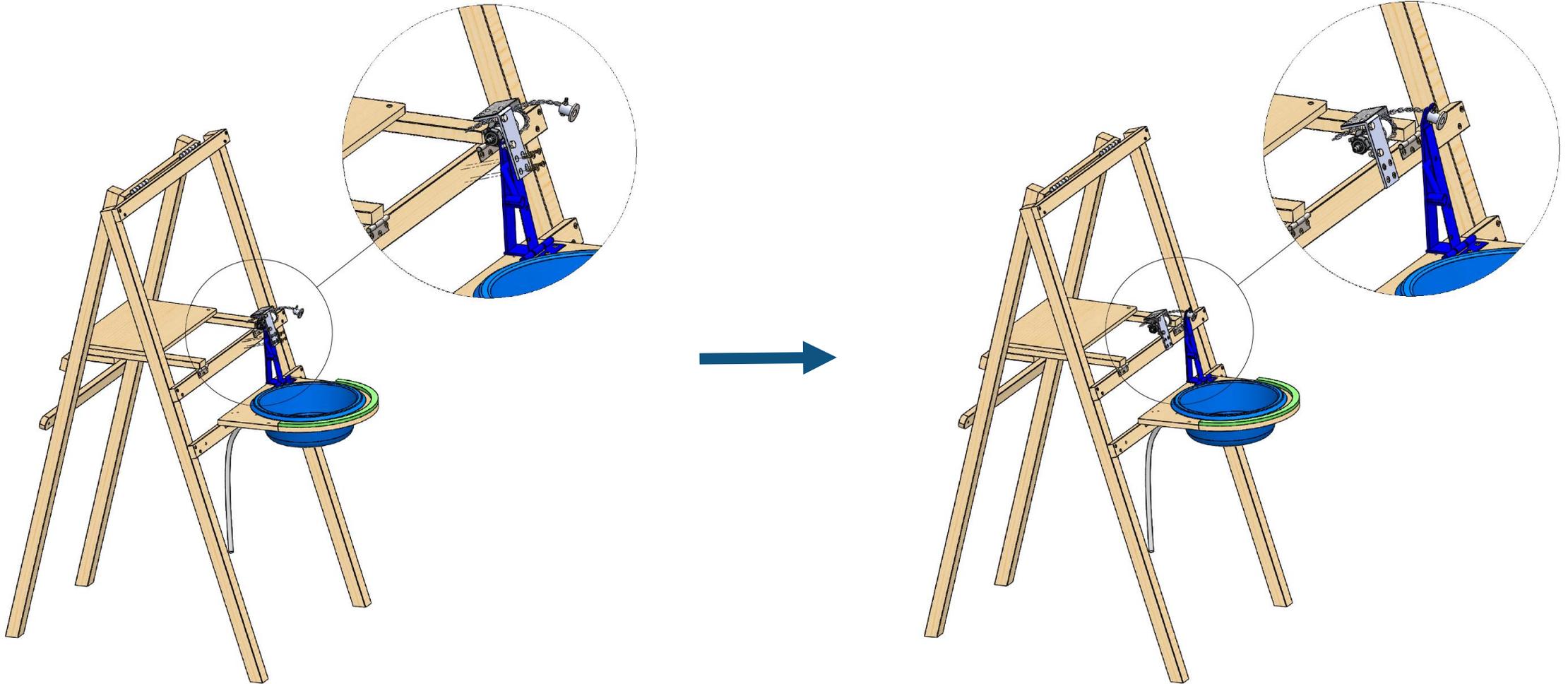
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: BASIN HOLDER



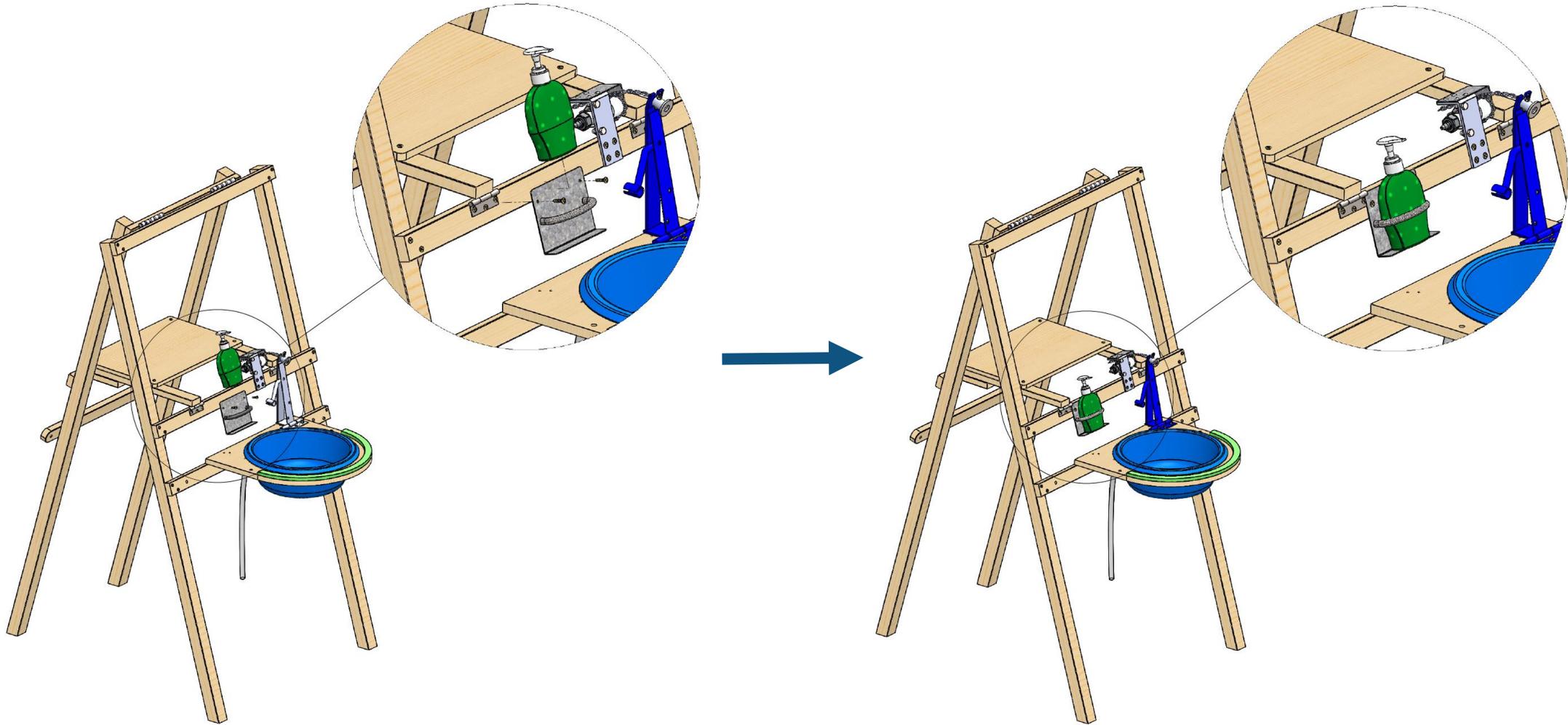
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: VALVE HOLDER



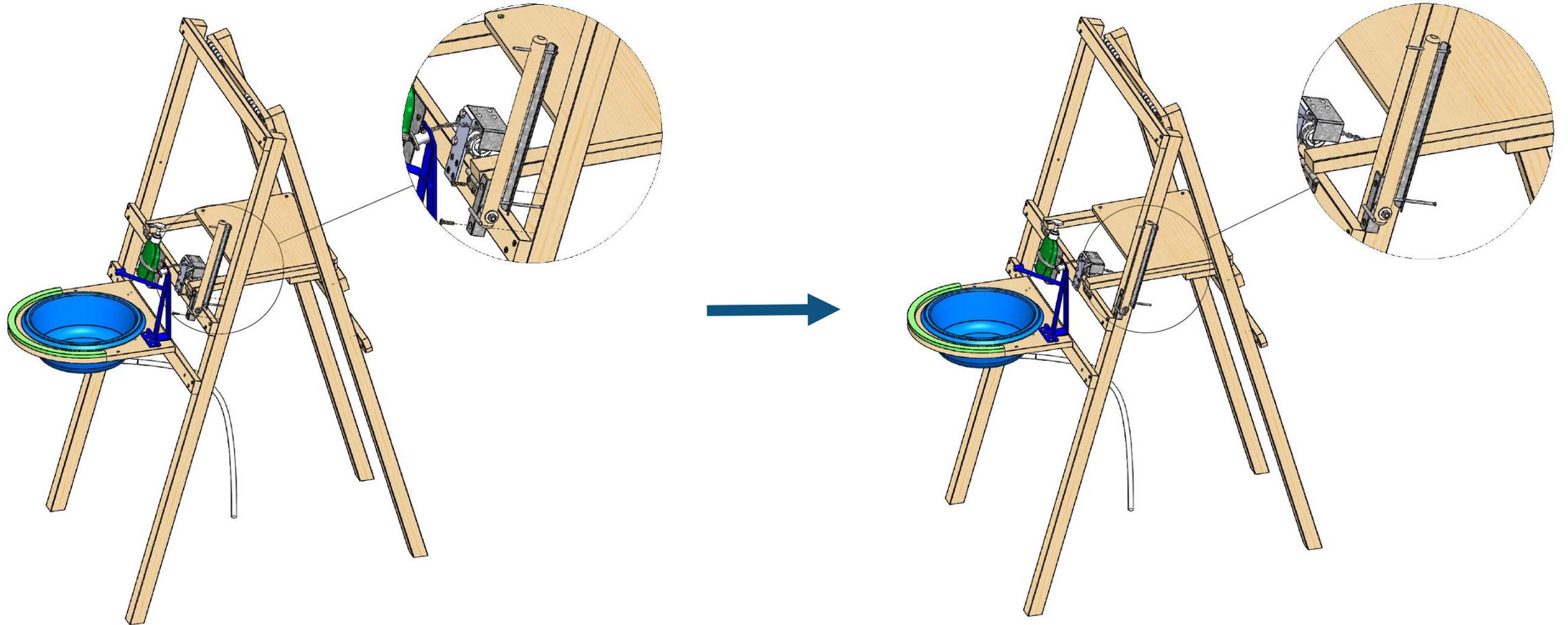
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: SOAP HOLDER



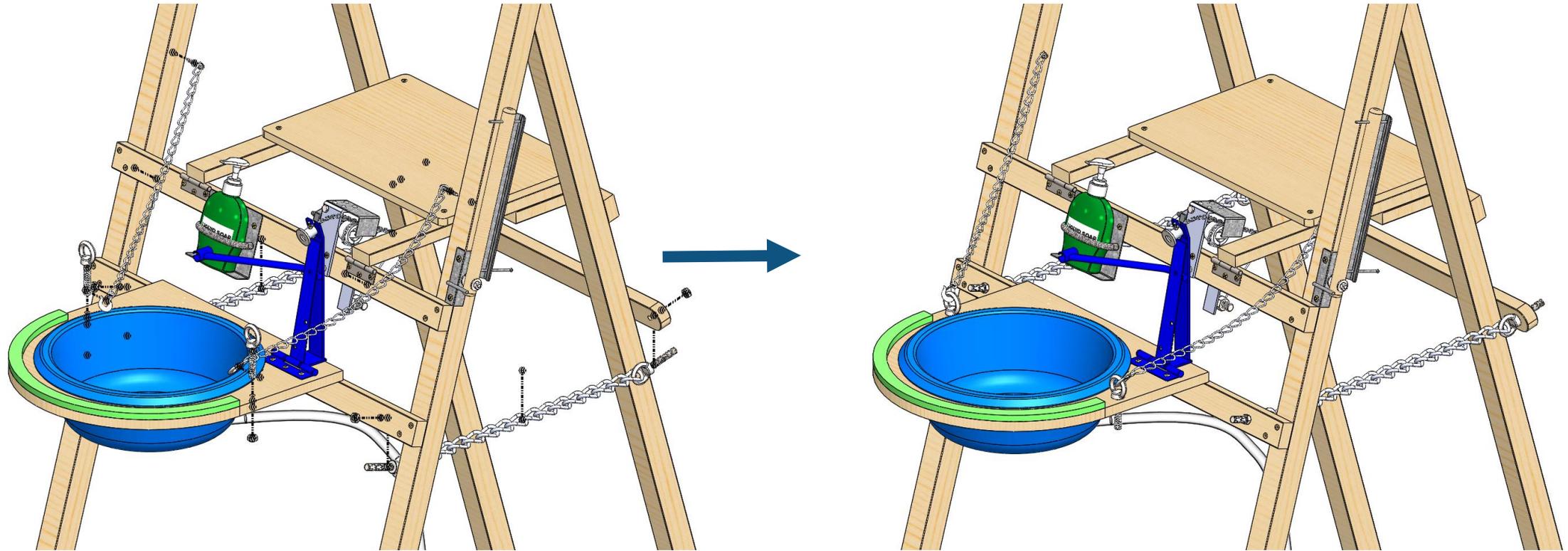
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: TOWEL HOLDER



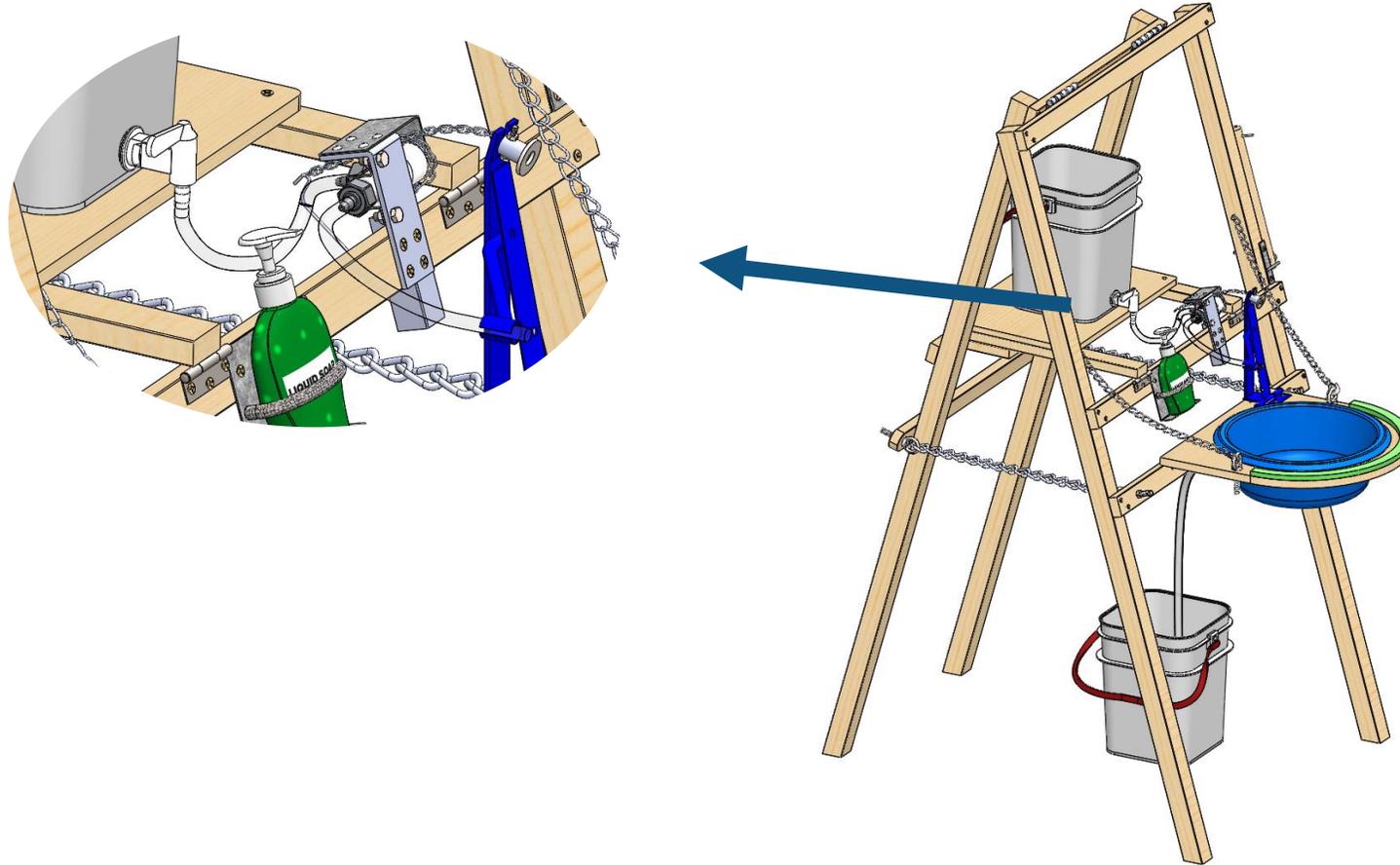
ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: CHAINS



ASSEMBLE THE COMPONENTS AS SHOWN. REFER TO ENGINEERING DRAWING FOR DIMENSIONS.

ASSEMBLY: HOSE/BUCKET



PLACE 1ST BUCKET (W/TAP) ON TOP. ATTACH 1/2in HOSE AS SHOWN. PLACE 2ND BUCKET AT THE BOTTOM