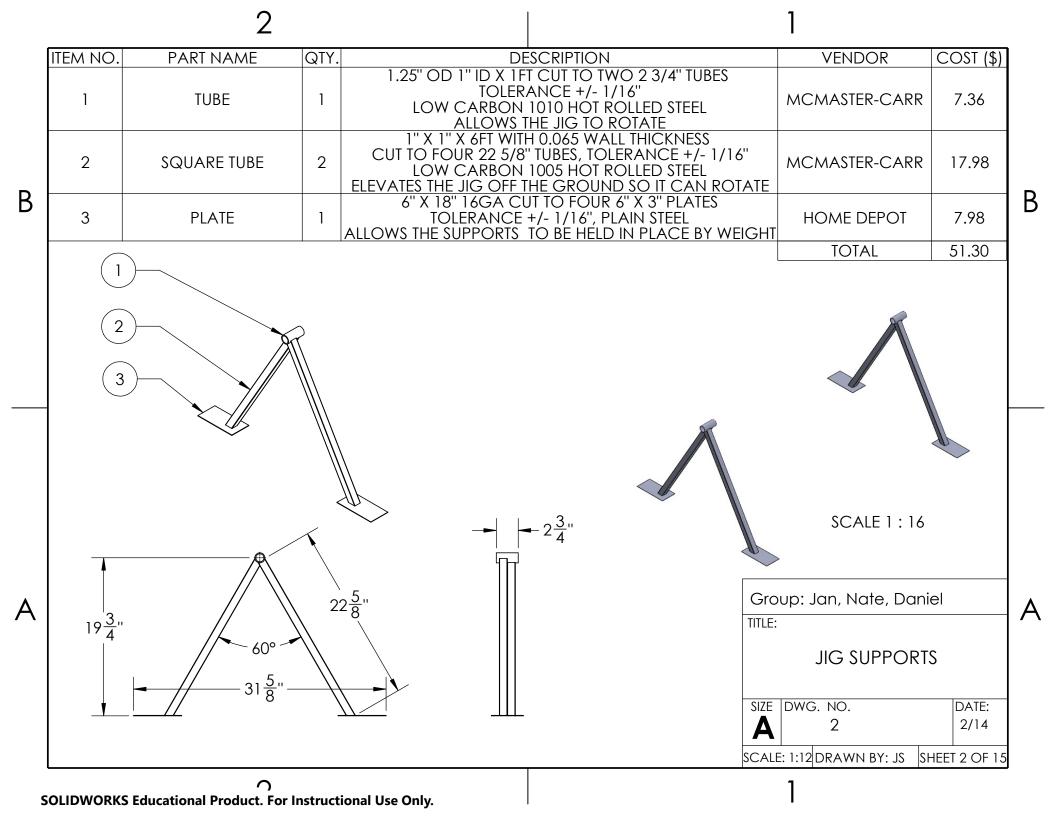
TABLE OF CONTENTS PAGE/SHEET NO. DISCRIPTION COMPLETE ASSEMBLY OF ALL OF THE COMPONENTS FOR THE ESFA CHASSIS 2 DETAILS FOR THE FABRICATION OF THE JIG SUPPORTS DETAILS FOR THE FABRICATION OF THE JIG 3 В В 4 DIAGRAM DETAILING THE CUT LIST FOR THE JIG COMPONENTS CUT LIST FOR ALL OF THE JIG PARTS 5 DETAILS FOR THE FABRICATION OF THE CHASSIS 6 DIAGRAM DETAILING THE CUT LIST FOR THE CHASSIS COMPONENTS 7 8 CUT LIST FOR PARTS 1-6 OF THE CHASSIS 9 CUT LIST FOR PARTS 7-9 OF THE CHASSIS 10 CUT LIST FOR PARTS 10-13 OF THE CHASSIS CUT LIST FOR PARTS 14-16 OF THE CHASSIS 11 12 CUT LIST FOR PARTS 17-19 OF THE CHASSIS 13 CUT LIST FOR PARTS 20-22 OF THE CHASSIS CUT LIST FOR PARTS 23-26 OF THE CHASSIS 14 15 BILL OF ALL RAW MATERIALS FROM A VENDOR Group: Jan, Nate, Daniel TITLE: TABLE OF CONTENTS SIZE DWG. NO. DATE: 02/14 Α

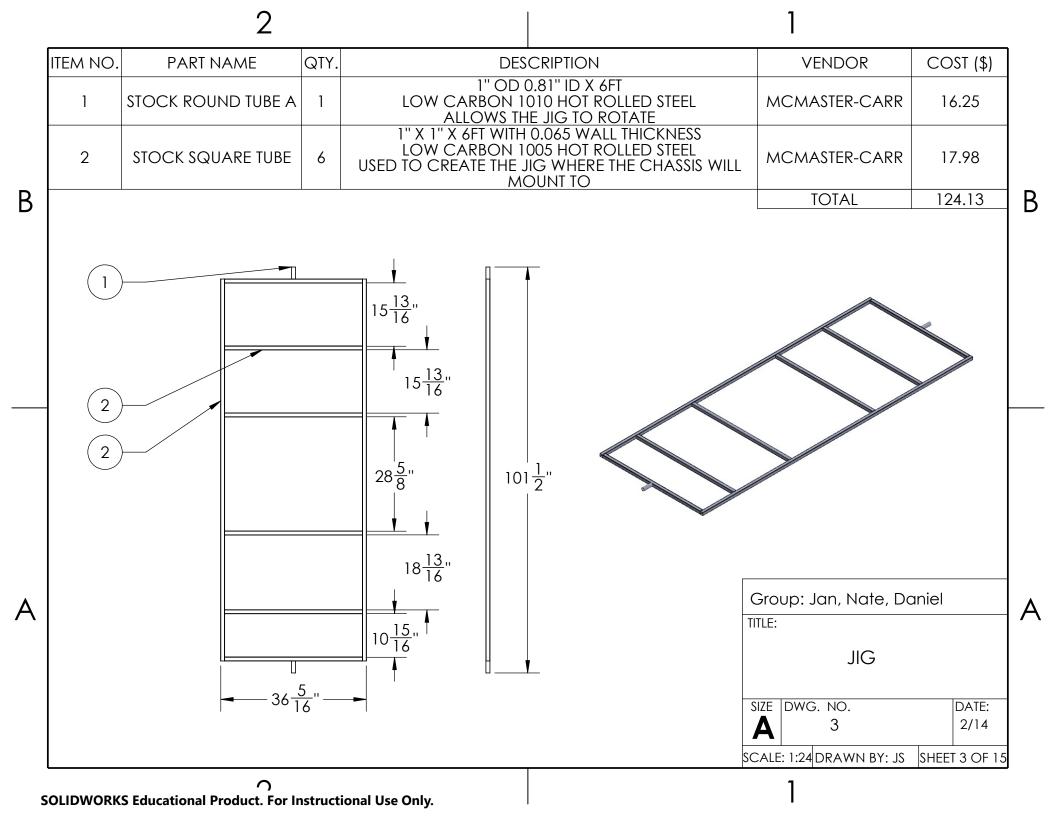
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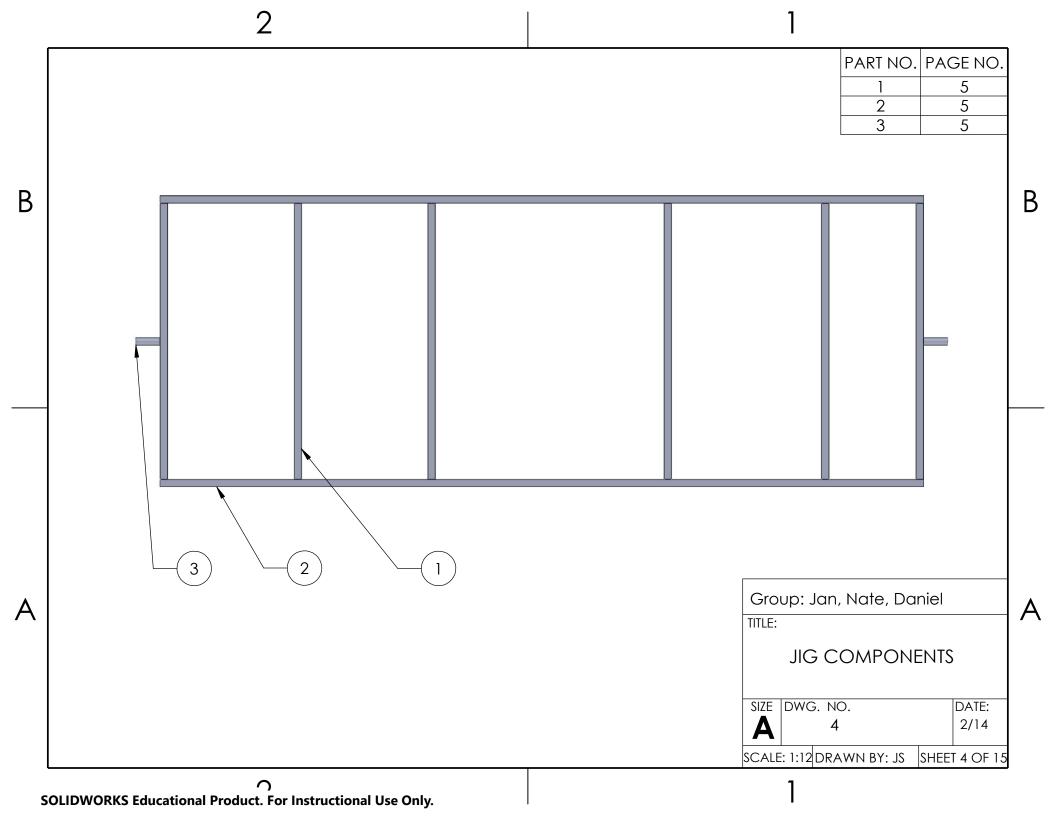
SHEET 0 OF 15

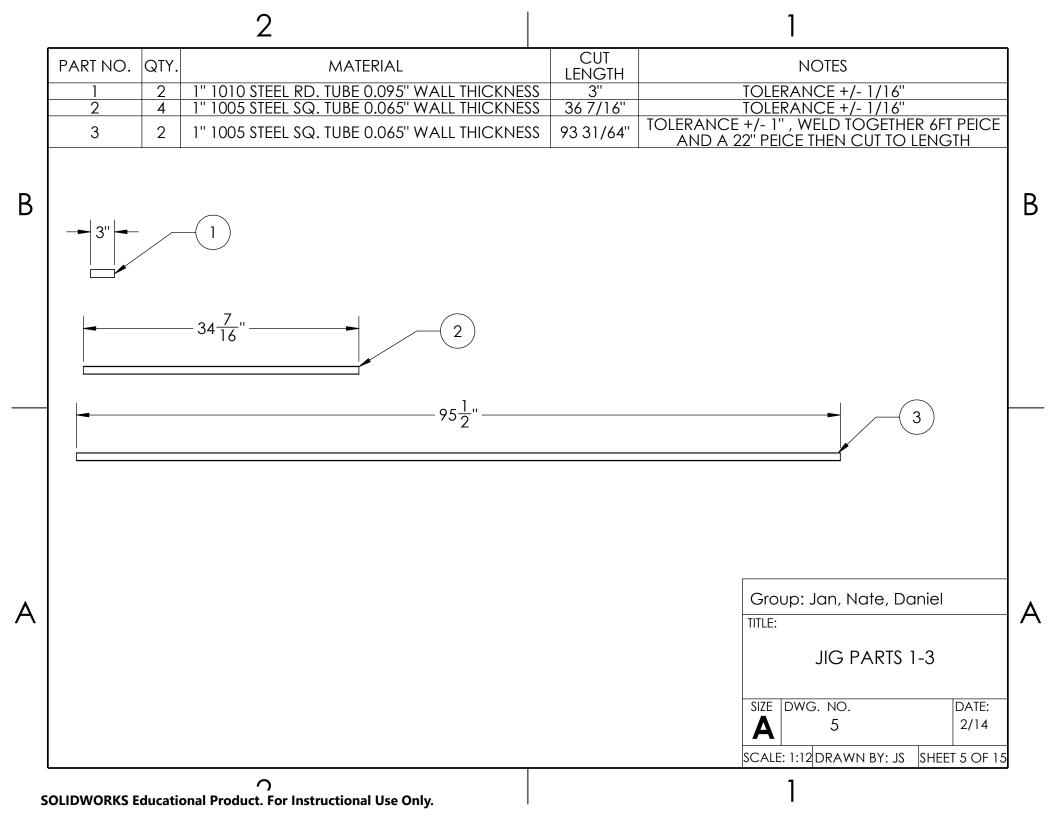
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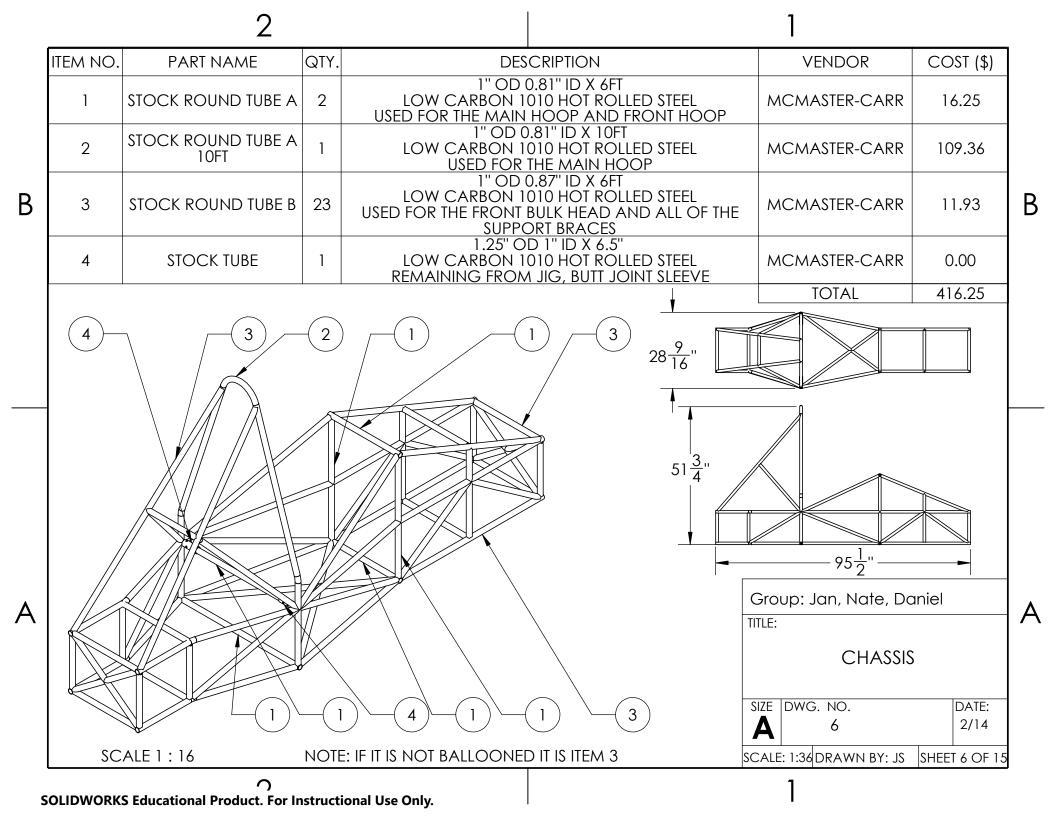
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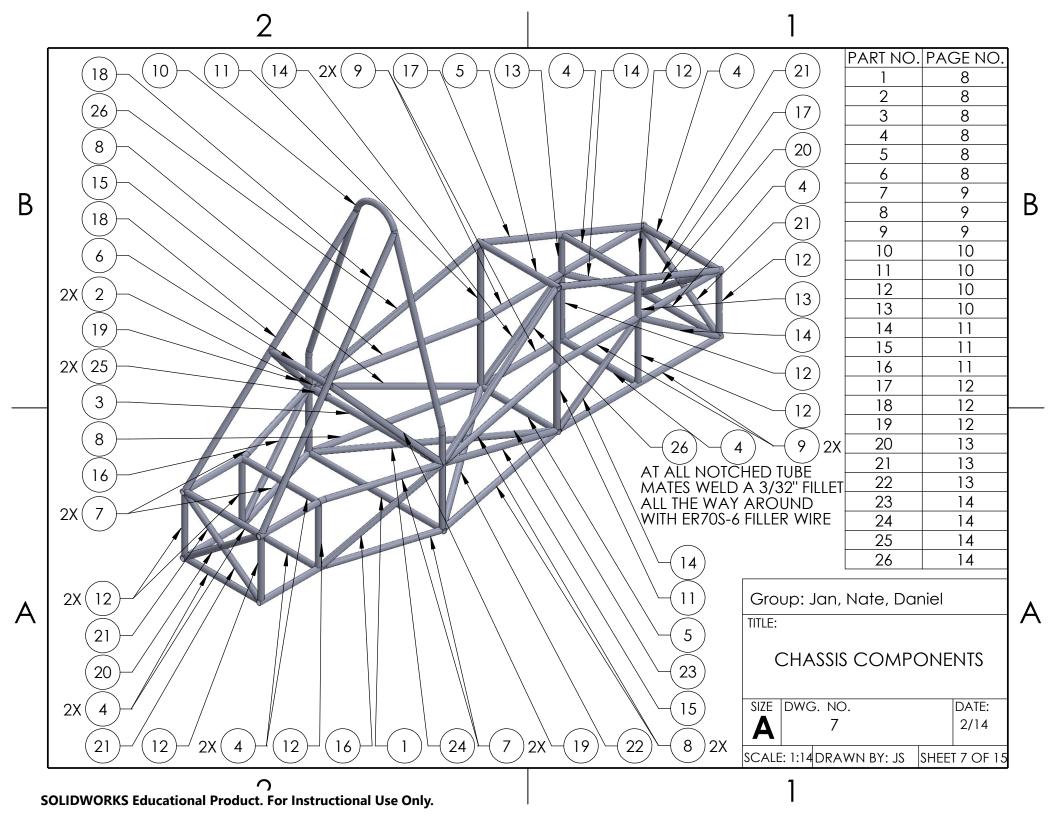


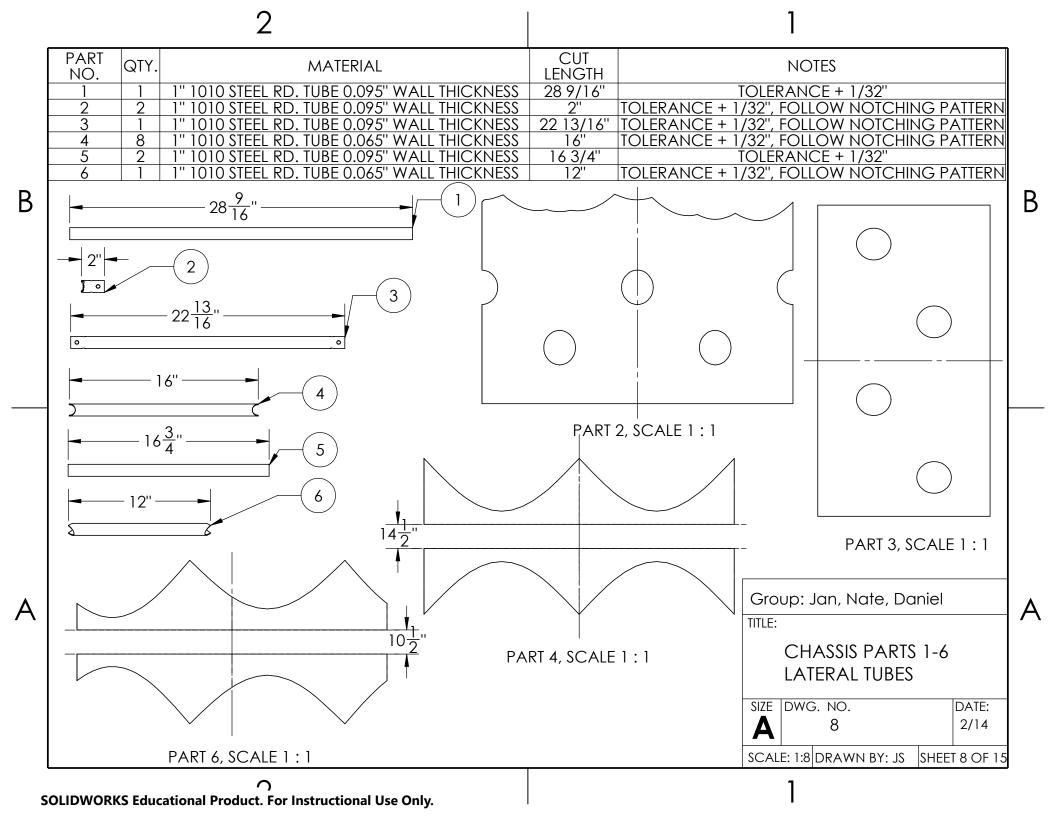


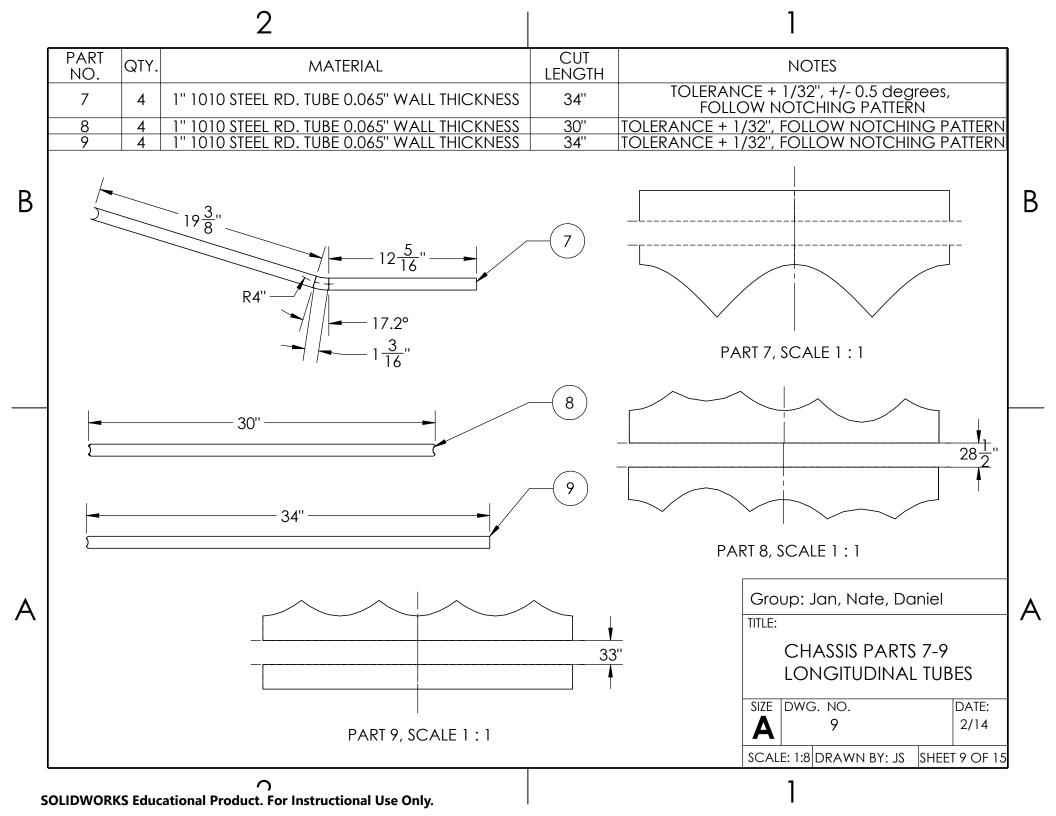


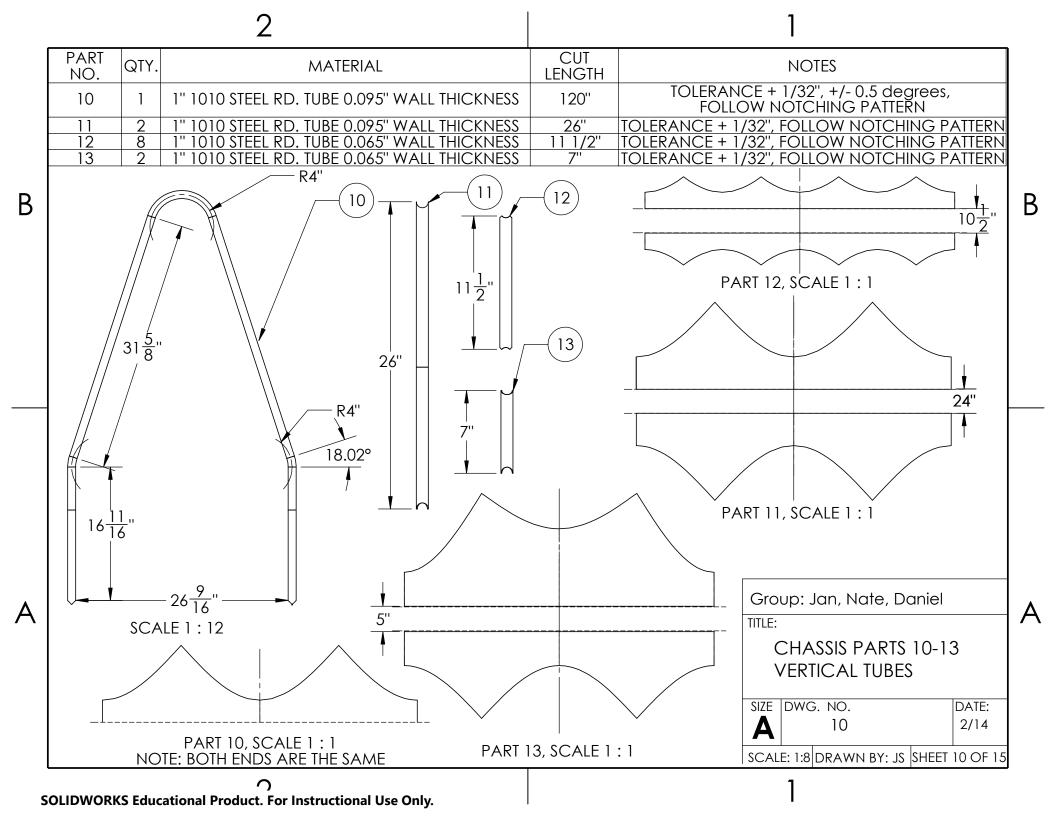


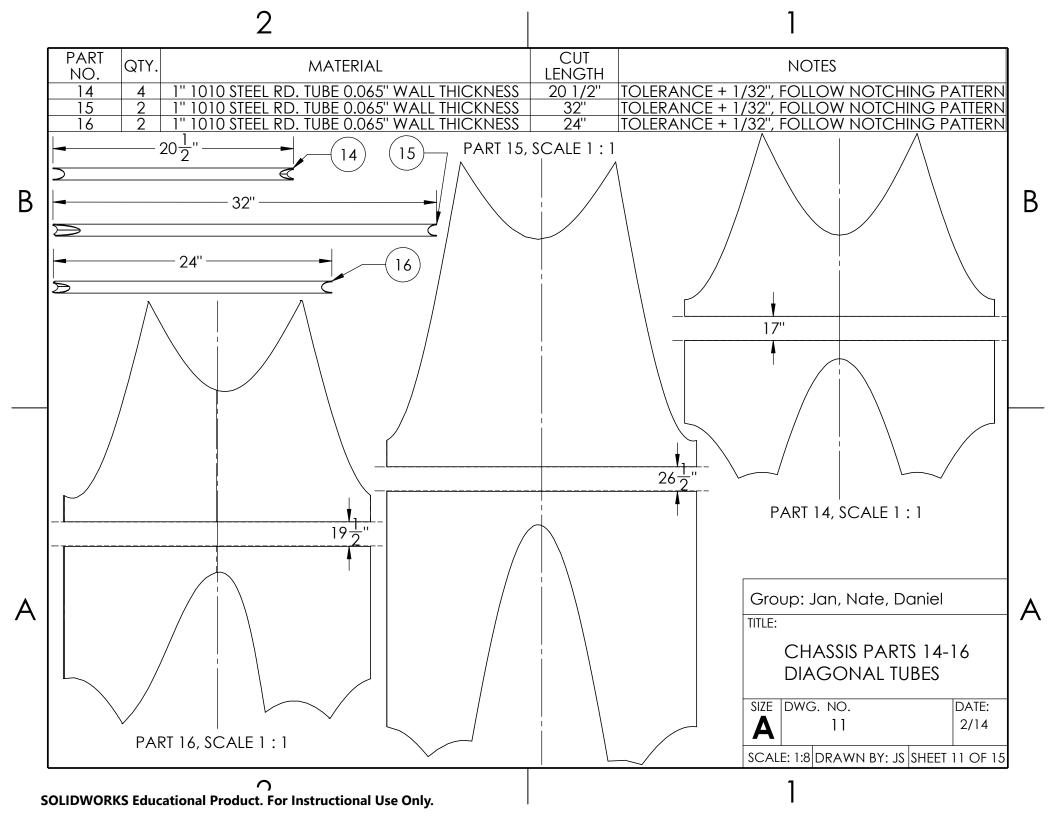


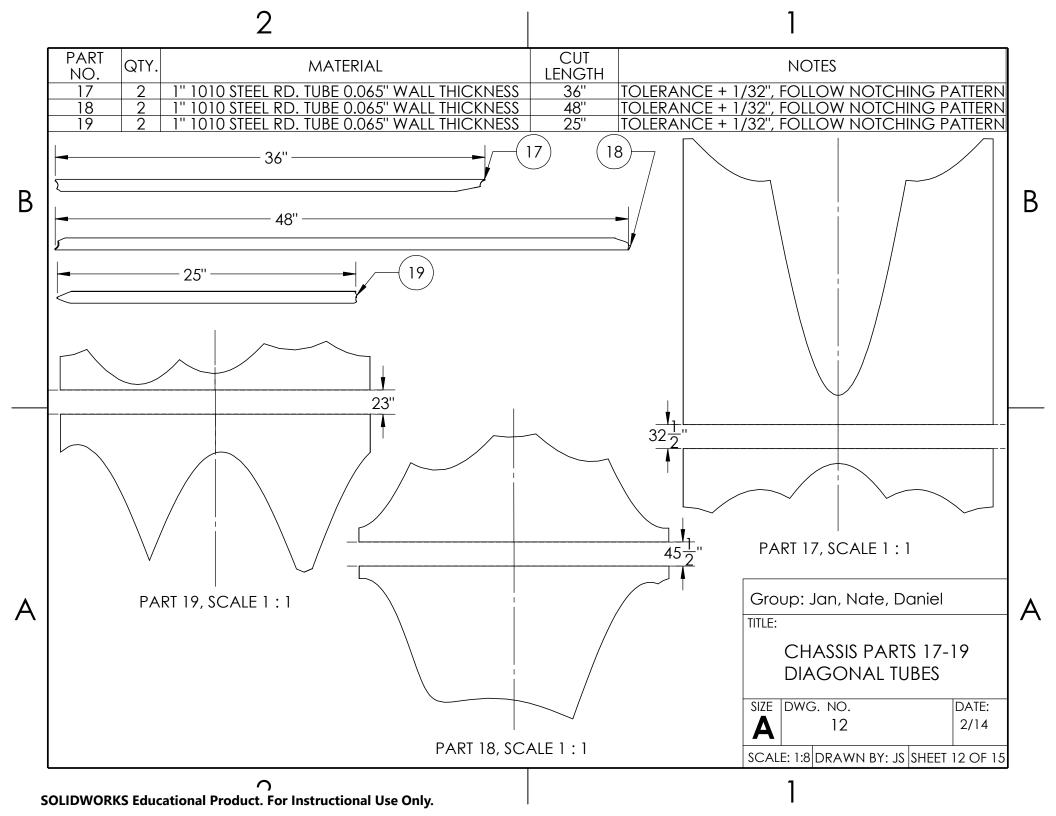


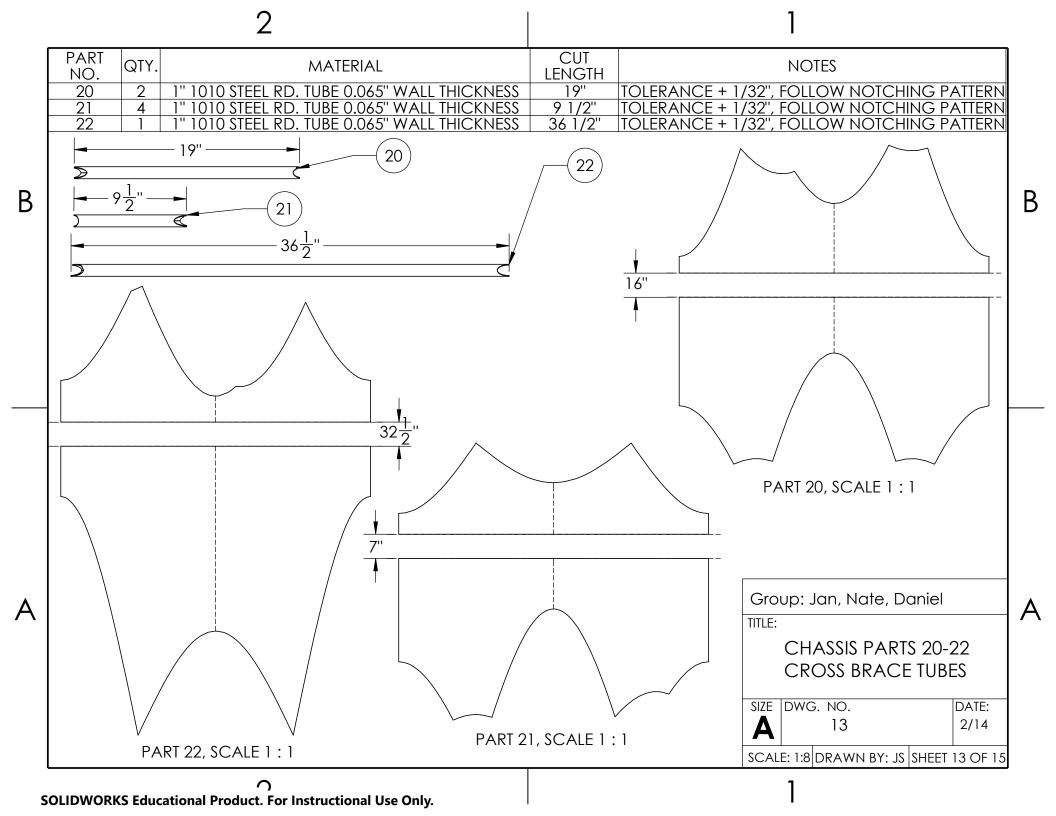


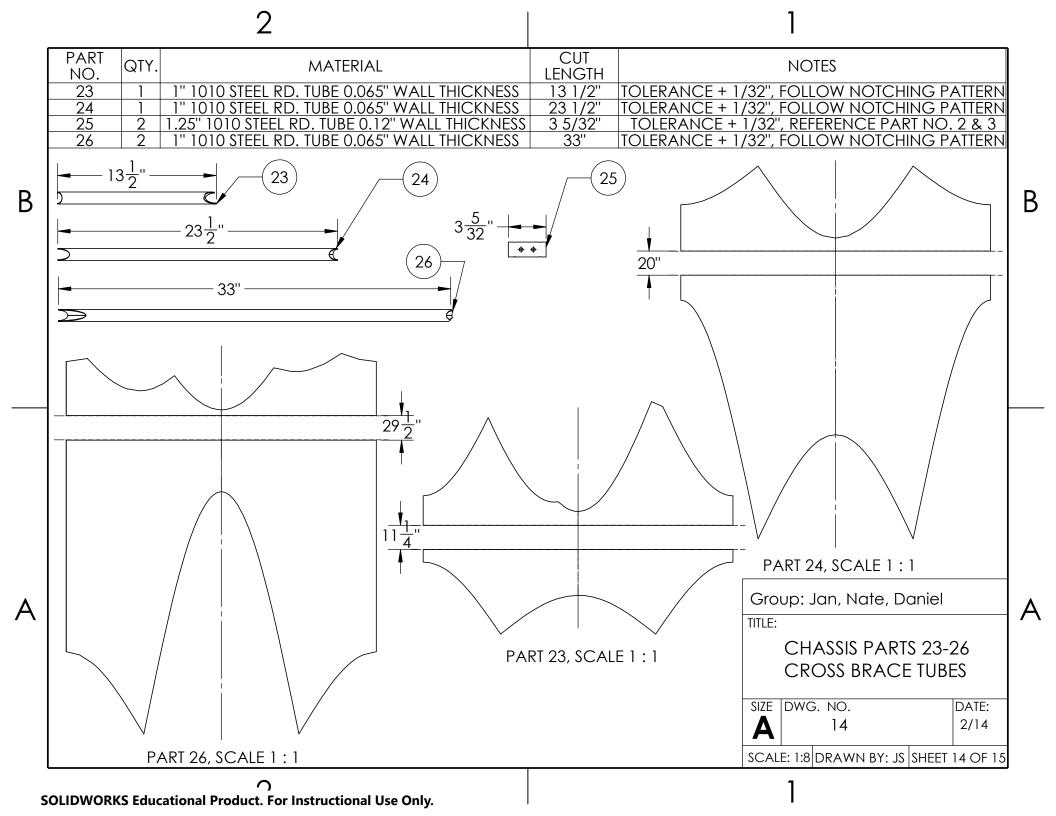












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	ITEM NO.	PART NAME	QTY.	DESCRIPTION	VENDOR	COST (\$)
	1	IMPACT ATTENUATOR (IA)	1	12" X 14" X10" , IMPAXX 700 FOAM ABSORBS FRONT IMPACT	BSCI ENERGY IMPACT SYSTEMS	170.00
	2	ANTI-INTRUSIÓN PLATE (AIP)	1	12" X 16" x 0.06", STEEL PLATE KEEPS DEBRIS OUT, WELDED TO CHASSIS	MCMASTER-CARR	26.38
	3	U-BOLTS AND NUTS	12	1" U 2 3/16" LONG BOLT, STEEL HOLDS CHASSIS ON THE JIG	MCMASTER-CAR	0.99
	4	GLUE	1	HOLDS IA AND AIP TOGETHER	AMAZON	156.20
	5	TUBE	1	1.25" OD 1" ID X 1FT CUT TO 2 3" TUBES TOLERANCE +/- 1/16" LOW CARBON 1010 HOT ROLLED STEEL ALLOWS THE JIG TO ROTATE	MCMASTER-CARR	7.36
	6	SQUARE TUBE	8	1" X 1" X 6FT WITH 0.065 WALL THICKNESS CUT TO 4 22 9/16" TUBES, TOLERANCE +/- 1/16" LOW CARBON 1005 HOT ROLLED STEEL ELEVATES THE JIG OFF THE GROUND SO IT CAN ROTATE	MCMASTER-CARR	17.98
	7	PLATE	1	6" X 18" 16GA CUT TO 4 6" X 3" PLATES TOLERANCE +/- 1/16", PLAIN STEEL ALLOWS THE SUPPORTS TO BE HELD IN PLACE BY WEIGHT	HOME DEPOT	7.98
	8	ROUND TUBE A	3	1" OD 0.81" ID X 6FT LOW CARBON 1010 HOT ROLLED STEEL ALLOWS THE JIG TO ROTATE	MCMASTER-CARR	16.25
	9	ROUND TUBE A 10FT	1	1" OD 0.81" ID X 10FT LOW CARBON 1010 HOT ROLLED STEEL USED FOR THE MAIN HOOP	MCMASTER-CARR	109.36
	10	ROUND TUBE B	23	1" OD 0.87" ID X 6FT LOW CARBON 1010 HOT ROLLED STEEL USED FOR THE FRONT BULK HEAD AND ALL OF THE SUPPORT BRACES	MCMASTER-CARR	11.93
Ī					TOTAL	956.14

Group: Jan, Nate, Daniel

TITLE:

BILL OF MATERIALS

SIZE DWG. NO.

15

DATE:
2/14

SCALE: 1:1 DRAWN BY: JS SHEET 15 OF 15

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