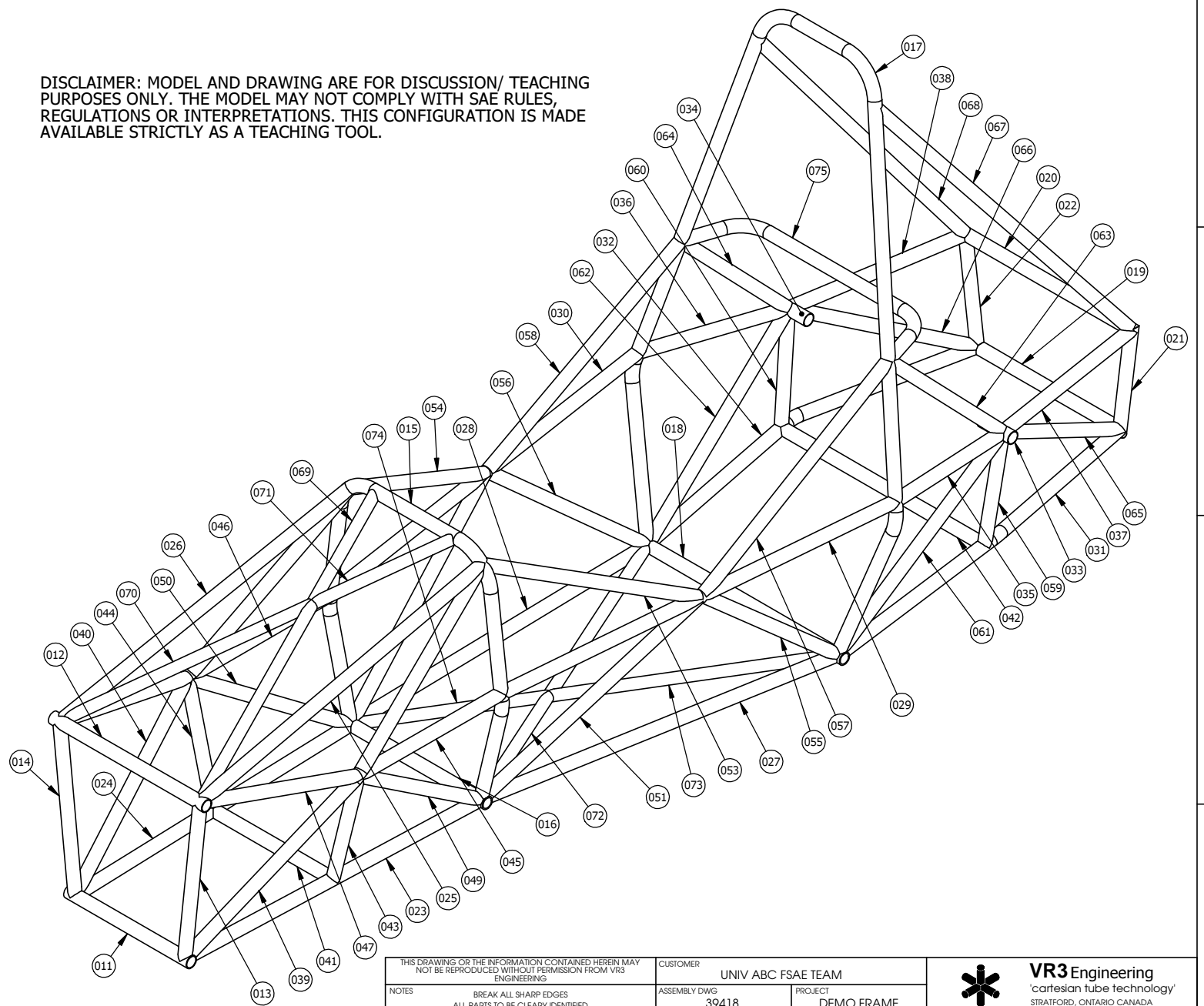


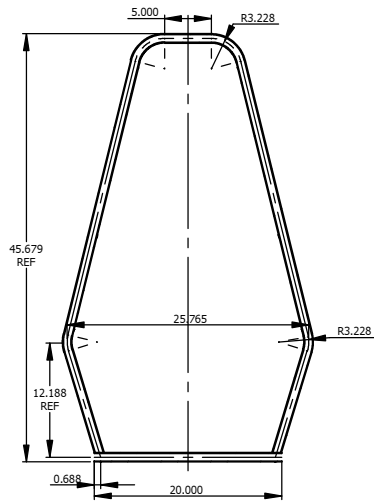


PARTNUMBER	QTY.	Description	LENGTH
011	1	Tube 1.000 x 0.065	12
012	1	Tube 1.000 x 0.065	15
013	1	Tube 1.000 x 0.065	14.08
014	1	Tube 1.000 x 0.065	14.08
015	1	Tube 1.000 x 0.095	54.597
016	1	Tube 1.000 x 0.095	14
017	1	Tube 1.000 x 0.095	100.814
018	1	Tube 1.000 x 0.095	20
019	1	Tube 1.000 x 0.049	14.883
020	1	Tube 1.000 x 0.049	17.383
021	1	Tube 1.000 x 0.049	10.078
022	1	Tube 1.000 x 0.049	10.078
023	1	Tube 1.000 x 0.065	28.018
024	1	Tube 1.000 x 0.065	28.018
025	1	Tube 1.000 x 0.049	28.638
026	1	Tube 1.000 x 0.049	28.638
027	1	Tube 1.000 x 0.065	32.213
028	1	Tube 1.000 x 0.065	32.213
029	1	Tube 1.000 x 0.065	34.665
030	1	Tube 1.000 x 0.065	34.665
031	1	Tube 1.000 x 0.065	30.599
032	1	Tube 1.000 x 0.065	30.599
033	1	Tube 1.000 x 0.049	3
034	1	Tube 1.000 x 0.049	3
035	1	Tube 1.000 x 0.049	12.885
036	1	Tube 1.000 x 0.049	12.885
037	1	Tube 1.000 x 0.049	15.187
038	1	Tube 1.000 x 0.049	15.187
039	1	Tube 1.000 x 0.049	34.382
040	1	Tube 1.000 x 0.049	34.382
041	1	Tube 1.000 x 0.049	11.75
042	1	Tube 1.000 x 0.049	19.898
043	1	Tube 1.000 x 0.049	10.301
044	1	Tube 1.000 x 0.049	10.301
045	1	Tube 1.000 x 0.049	14
046	1	Tube 1.000 x 0.049	14
047	1	Tube 1.000 x 0.049	14.242
048	1	Tube 1.000 x 0.049	14.242
049	1	Tube 1.000 x 0.049	16.923
050	1	Tube 1.000 x 0.049	16.923
051	1	Tube 1.000 x 0.049	20.312
052	1	Tube 1.000 x 0.049	20.312
053	1	Tube 1.000 x 0.049	20.024
054	1	Tube 1.000 x 0.049	20.024
055	1	Tube 1.000 x 0.049	19.069
056	1	Tube 1.000 x 0.049	19.069
057	1	Tube 1.000 x 0.049	21.341
058	1	Tube 1.000 x 0.049	21.341
059	1	Tube 1.000 x 0.049	9.047
060	1	Tube 1.000 x 0.049	9.047
061	1	Tube 1.000 x 0.049	18.456
062	1	Tube 1.000 x 0.049	18.456
063	1	Tube 1.000 x 0.049	15.548
064	1	Tube 1.000 x 0.049	15.548
065	1	Tube 1.000 x 0.049	17.427
066	1	Tube 1.000 x 0.049	17.427
067	1	Tube 1.000 x 0.049	36.978
068	1	Tube 1.000 x 0.049	36.978
069	1	Tube 0.875 x 0.049	30.195
070	1	Tube 0.875 x 0.049	19.285
071	1	Tube 0.875 x 0.049	10.909
072	1	Tube 0.875 x 0.049	34.971
073	1	Tube 0.875 x 0.049	20.8
074	1	Tube 0.875 x 0.049	14.171
075	1	Tube 1.000 x 0.095	26.534

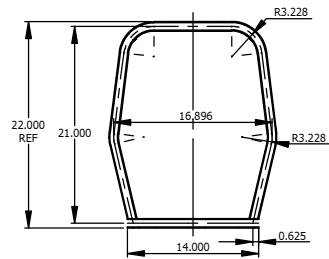
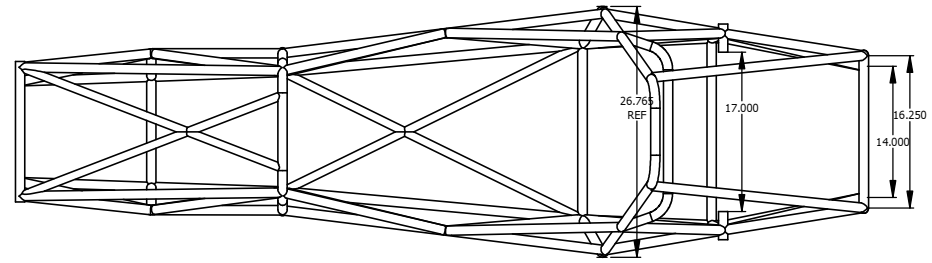
DISCLAIMER: MODEL AND DRAWING ARE FOR DISCUSSION/ TEACHING PURPOSES ONLY. THE MODEL MAY NOT COMPLY WITH SAE RULES, REGULATIONS OR INTERPRETATIONS. THIS CONFIGURATION IS MADE AVAILABLE STRICTLY AS A TEACHING TOOL.



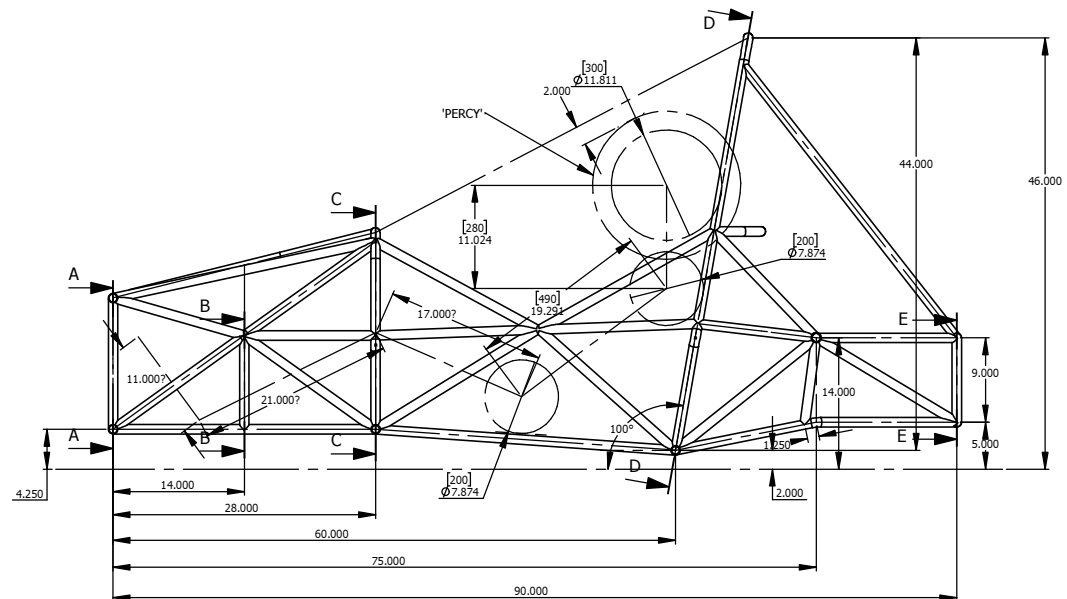
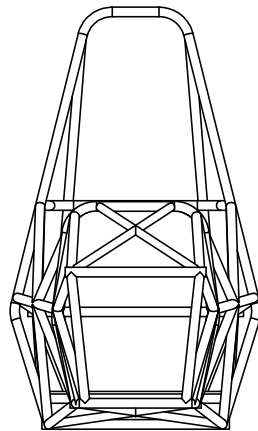
THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM VR3 ENGINEERING		CUSTOMER UNIV ABC FSAE TEAM		 VR3 Engineering 'cartesian tube technology' STRATFORD, ONTARIO CANADA	
NOTES BREAK ALL SHARP EDGES ALL PARTS TO BE CLEARLY IDENTIFIED		ASSEMBLY DWG 39418	PROJECT DEMO FRAME		
TOLERANCES UNLESS OTHERWISE NOTED		DRAWN DVR	DATE SEPT 1 2016	PART NAME UNIV ABC FSAE CHASSIS FRAME 2017	
DECIMAL X = ±.08" XX = ±.02" XXX = ±.015" ANGLES = ±.5°		CHECKED	DATE	SIZE C	SCALE 1:5
FRACTIONAL < 24" = ±1/16" > 24" = ±1/8" ANGLES = 1/2°		APPROVED	DATE	DRAWING NO. 39418	SHEET 1 OF 2
 ALL DIMENSIONS ARE INCHES				REV 1	



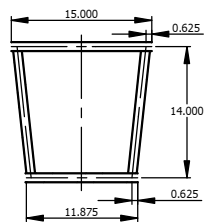
SECTION D-D



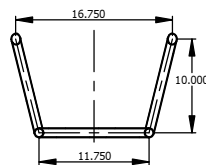
SECTION C-C



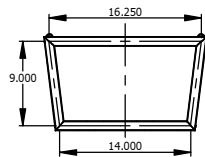
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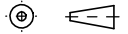
SECTION A-A



SECTION B-B



SECTION E-E

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NOTES BREAK ALL SHARP EDGES ALL PARTS TO BE CLEARLY IDENTIFIED		ASSEMBLY DWG 39418	PROJECT DEMO FRAME		
TOLERANCES UNLESS OTHERWISE NOTED		DRAWN DVR	DATE 3/19/2012	PART NAME FSAE CHASSIS FRAME	
DECIMAL X = ±.08" XX = ±.02" XXX = ±.005" ANGLES = ±.5°	MACHINED SURFACE FINISH 125 RMS MAX	CHECKED	DATE	SIZE C	SCALE 1:10
FRACTIONAL < 24° = ±1/16" > 24° = ±1/8" ANGLES = 1/2°	 ALL DIMENSIONS ARE INCHES	APPROVED	DATE	SHEET 2 OF 2	REV 0