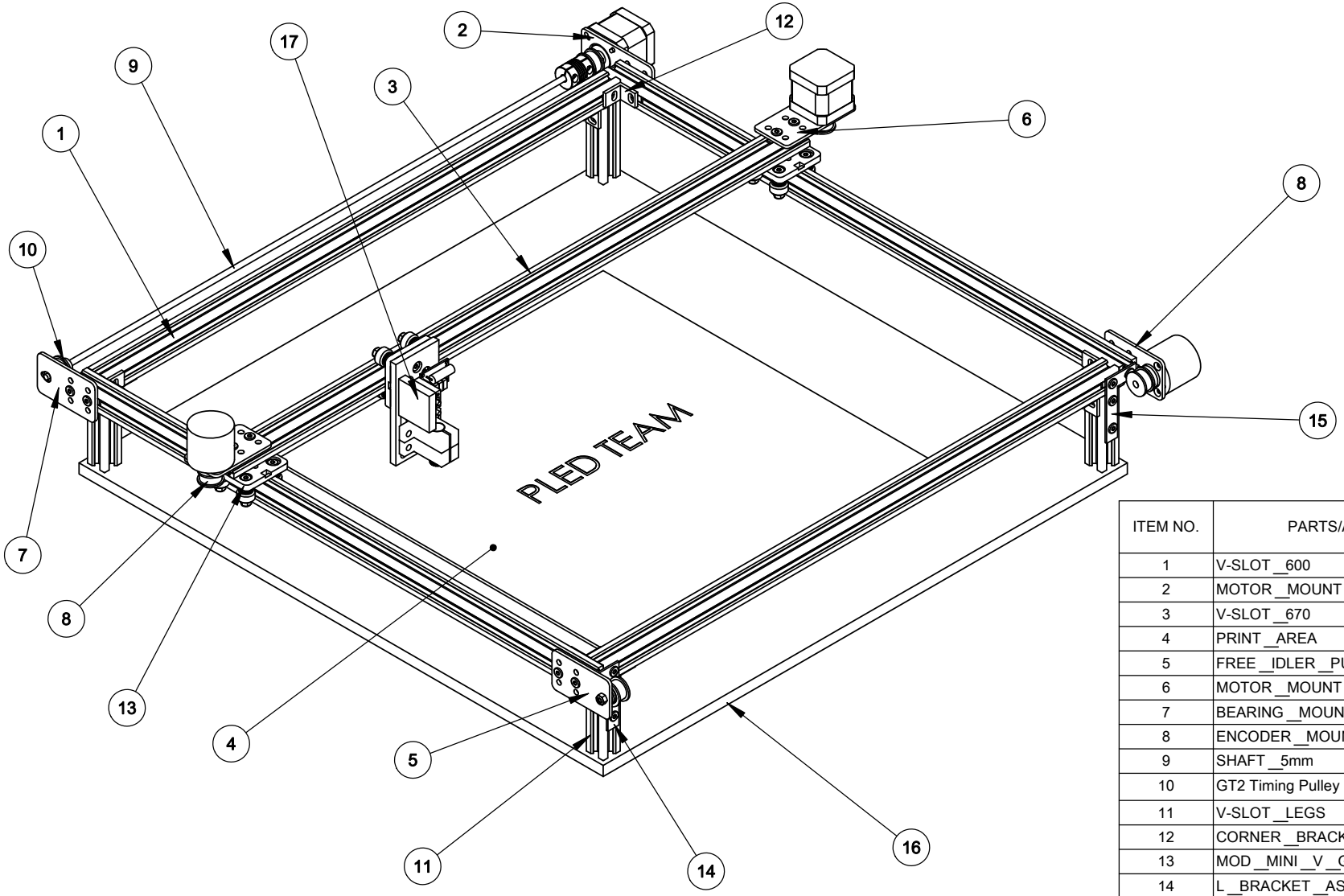

ITEM NO.	PARTS/ASSEMBLIES	QTY.
1	V-SLOT _600	4
2	MOTOR _MOUNT	1
3	V-SLOT _670	1
4	PRINT _AREA	1
5	FREE _IDLER _PULLEY	1
6	MOTOR _MOUNT _2	1
7	BEARING _MOUNT	1
8	ENCODER _MOUNT	2
9	SHAFT _5mm	1
10	GT2 Timing Pulley 30 Tooth	1
11	V-SLOT _LEGS	4
12	CORNER _BRACKETS	8
13	MOD _MINI _V _GANTRY _ASSEMBLY	2
14	L _BRACKET _ASSEMBLY	2
15	L _BRACKET _ASSEMBLY _REVERSE	2
16	BASE	1
17	LASER _ASSEMBLY	1

NOTE: ITEM 10 IS JUST A STANDARD PART SO WILL NOT BE SHOWN IN SUBSEQUENT ASSEMBLY FILES.

Mechanical & Aerospace ENGINEERING
UtahState University

PROJECT: PLED TEAM

SPECIFICATIONS AND TOLERANCES

UNLESS OTHERWISE NOTED
DRAWING ARE CREATED IN ACCORDANCE TO ASME Y14.5-2009

DEFAULT DIMENSIONAL TOLERANCES:
LINEAR DIMENSIONS [inches]: X±.5, X.X±.1, X.XX±.03, X.XXX±.005
ANGULAR DIMENSIONS [degrees]: X±3, X.X±.5, X.XX±.1
MINIMUM SURFACE FINISH: 1000 microinches

PART/ASSEM NAME: PLED TEAM GANTRY	DRAFTED BY: T.SHORTHILL
PART/ASSEM NUMBER: -	CHECKED BY: Z.GARRARD
MATERIAL: -	APPROVED BY: C.WOOD
FINISH: -	DATE APPROVED: 4/26/2016
	SHEET SCALE: 1:12 — SHEET NUMBER: 1 of 1