


8		7		6		5		4		3		2		1	
ITEM NO	PART NUMBER				QTY.			REV.	DESCRIPTION			EO	APPROVAL	DATE	
								P1	INITIAL ENGINEERING RELEASE			XXXX	REV. ENG	00/00/03	

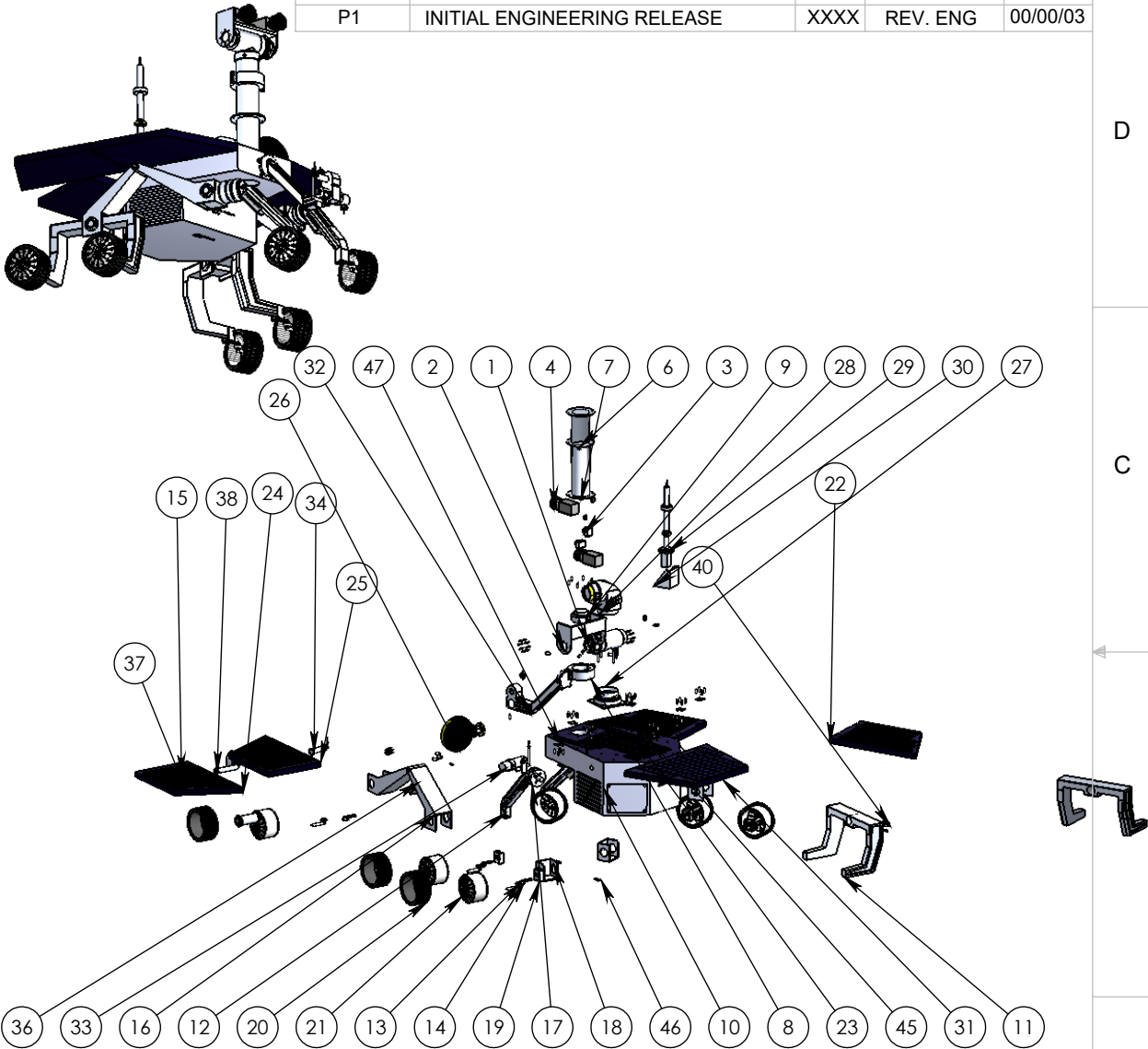
D

C

B

A

1	Camera_barrel	1
2	Camera_Base	1
3	little_cam	2
4	side_cams	2
5	batter_pack	4
6	Camera_Pole_Bottom_Half	1
7	Camera_Pole_Top_Half	1
8	Camera_Pole_Clamp	2
9	Camera_barrel_to_pole	1
10	Rover_Base	1
11	two_wheel_extension	2
12	Wheel_to_base	2
13	Wheel_Connection	6
14	Wheel_Connection_Top	6
15	Wheel_Connection_Top_Middle	2
16	back_wheel_arm	2
17	Front_Wheel_arm_connector	2
18	Leg_cube_connector	2
19	leg_extension_to_wheel_base	4
20	Rover_Tire	6
21	Rover_Wheel	6
22	Left_Side_Back_Panel	1
23	Left_Side_Front_Panel	1
24	Right_Side_Back_Panel	1
25	Right_Side_Front_Panel	1
26	dish_antenna	1
27	dish_antenna_stand	1
28	dish_antenna_to_base	1
29	Vertical_antenna	1
30	vertical_antenna_base	1
31	rear_panel	1
32	Front_Arm	1
33	Front_Arm_bot_cam_base	1
34	Front_Arm_top_cam_base	6
35	Front_Arm_bot_cam_base	2



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DEFAULT TOLERANCES:
FRACTIONAL = $\pm 1/32$
X.X = ± 0.15
X.XX = ± 0.10
X.XXX = ± 0.005
ANGLES = ± 1

63



BREAK SHARP EDGES .01 x 45

UCI MAE 52

APPROVALS	DATE
RESP ENG	08/28/16
MATERIAL	SEE BOM

STUDENT NAME:

Anthony Serrano

STUDENT ID #:

53934109

PART NAME:

Mars Rover Assembly SPIRIT

SIZE
A

DWG. NO.

XXX-XXX-XXX

REV.
P1

SCALE

1 OF 1

D

C

A

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5

4

3

2

1