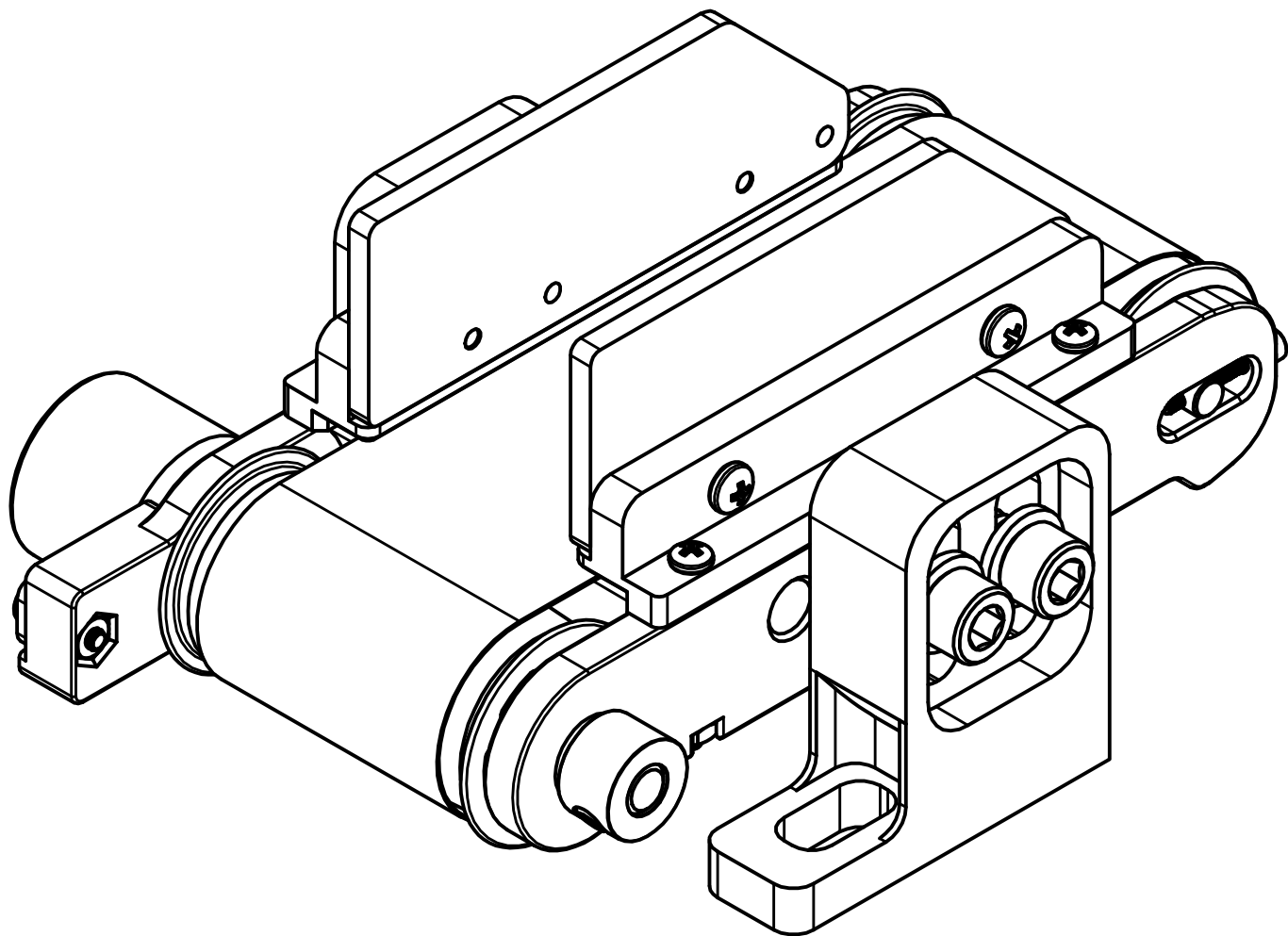
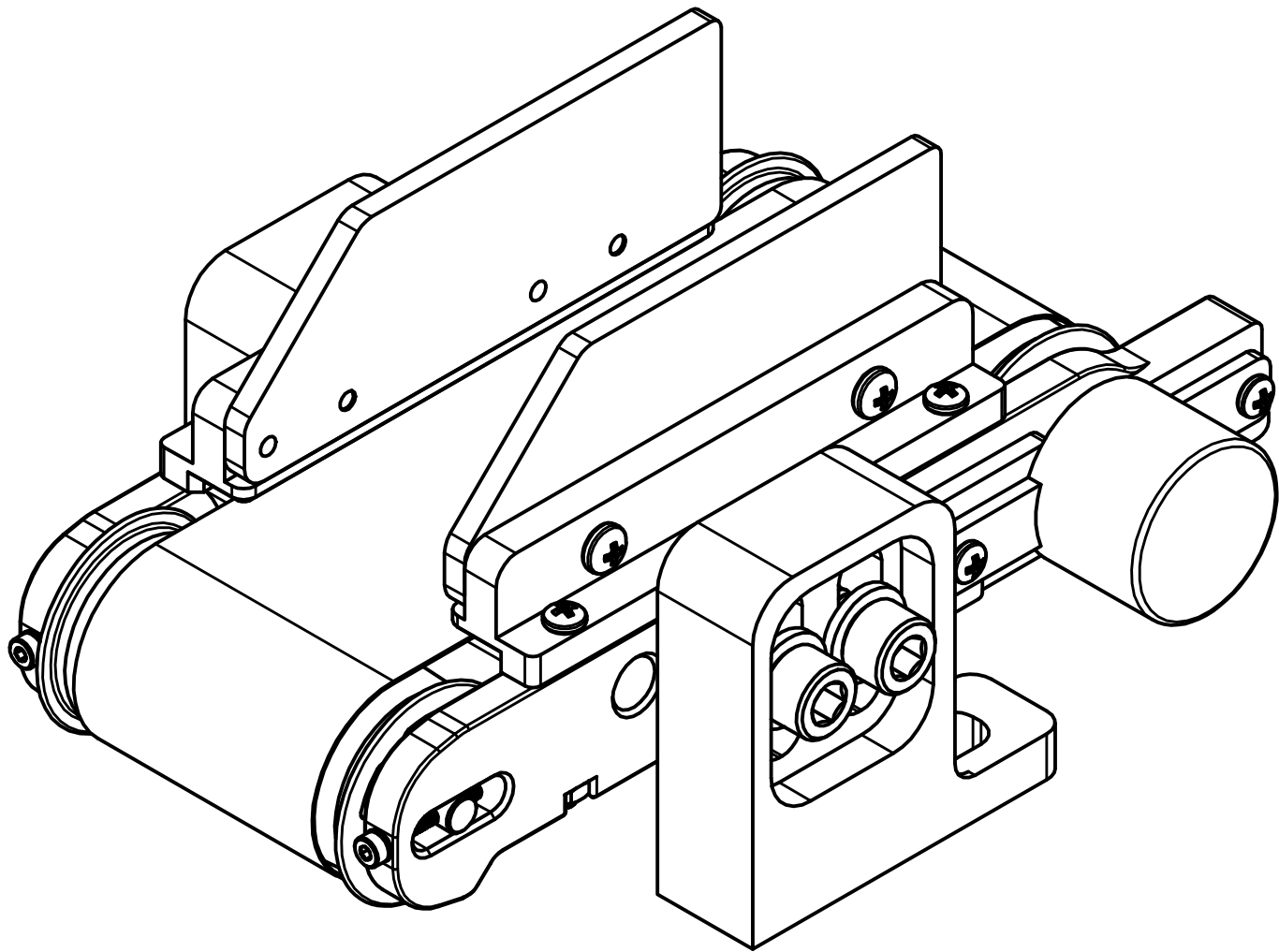


2		1		
ZONE		REV	DESCRIPTION	DATE
		-	INITIAL RELEASE	03/03/2016
		A	UPDATE COMPONENTS	06/07/2017
		B	UPDATE FOR DESIGN WITH INSERTS	11/29/2023
		APPROVED		
		hhmi\\arnoldj		
		hhmi\\arnoldj		
		hhmi\\arnoldj		



- NOTES:
- 1. INSTALL NUTS IN MAIN BODY ( NOT SHOWN ) BEFORE STARTING ASSEMBLY
  - 2. APPLY TEFLON TAPE TO TOP SURFACE OF NRB MAIN BODY PART WHERE BELT SLIDES ACROSS TOP
  - 3. ENCODER DISC SHOULD NOT RUB AGAINST ENCODER HOUSING AND BE SECURED WITH PROVIDED SET SCREW
  - 4. ADJUST BELT TENSION SCREWS TO ENSURE THAT BELT SLIDES SMOOTHLY AND STAYS CENTERED DURING OPERATION

1	1	J007811	HHMI: JRC - ID&F	NRB MAIN BODY INSERTS	N/A	N/A
2	1	J005551	HHMI: JRC - ID&F	NRB ROLLER	N/A	N/A
3	1	J005553	HHMI: JRC - ID&F	NRB DRIVE ROLLER	N/A	N/A
4	1	J005527	HHMI: JRC - ID&F	NRB IDLER SHAFT	9061K32	MCMaster CARR
5	1	J005526	HHMI: JFRC - ID&F	NRB DRIVE SHAFT	9061K33	MCMaster CARR
6	1	J005559	HHMI: JRC - ID&F	RIBBON FLAT BELT	SEE DRAWING	SEE DRAWING
7	2	J005548	HHMI: JRC - ID&F	NRB TREADMILL SIDE WALL	N/A	N/A
8	1	J005557	HHMI: JRC - ID&F	NRB ADAPTER MR BRACKET	N/A	N/A
9	1	J005556	HHMI: JRC - ID&F	NRB ADAPTER ML BRACKET	N/A	N/A
10	2	J007812	HHMI: JRC - ID&F	NRB LOW GUIDE RAIL INSERTS	N/A	N/A
11	2	57155K335	MCMaster	BEARING, BALL, 3/16 ID 3/8 OD FL EXT INNER RACE	N/A	N/A
12	2	90107A126	HHMI: JRC - ID&F	WASHER, FLAT, #1,SS	N/A	N/A
13	1	R233-.5-5	CS HYDE	TAPE, TEFLON, 0.005 THK x 0.5 WIDE	N/A	N/A
14	1	HEDR-5420-ES214	AVAGO / DIGI-KEY	ENCODER MODULE 200CPR 5MM	N/A	N/A
15	1	98317A214	MCMaster	RETAINING RING, E STYLE, FOR 5-7mm SHAFT OD	N/A	N/A
16	2	57155K336	MCMaster	BEARING, BALL, 1/4 ID 3/8 OD FL EXT INNER RACE	N/A	N/A
17	1	9946K110	MCMaster CARR	COLLAR, SHAFT, SET SCREW, 1/4 DIA	N/A	N/A
18	2	92290A746	HHMI: JRC - ID&F	SCREW, SHC, M2 x 16, SS	N/A	N/A
19	4	90965A170	MCMaster	WASHER, FLAT, M6, SS, DIN 125	N/A	N/A
20	4	92196A540	MCMaster	SCREW, SHC, 1/4-20 X 3/4", SS	N/A	N/A
21	4	92000A118	HHMI: JRC - ID&F	SCREW, PHP, M3 x 8, SS	N/A	N/A
22	4	94785A415	MCMaster CARR	NUT, SQUARE, 1/4-20, SS	N/A	N/A
23	6	91828A113	MCMaster CARR	NUT, HEX, M2.5, SS	N/A	N/A
24	1	92000A106	MCMaster CARR	SCREW, PHP, M2.5 x 10, SS	N/A	N/A
25	5	92000A112	MCMaster	SCREW, PHP, M2.5 x 25, SS	N/A	N/A
ITEM	QTY	PART NUMBER	VENDOR	DESCRIPTION	A.I. PART #	A.I. VENDOR
PARTS LIST						

NOTICE:  
INFORMATION CONTAINED IN THIS DOCUMENT OR ANY REPRODUCTION THEREOF, IS PROPRIETARY INFORMATION AND PROPERTY OF HOWARD HUGHES MEDICAL INSTITUTE. IT SHALL NOT BE DISCLOSED, COPIED, DUPLICATED OR USED FOR MANUFACTURE, PRODUCTION OR PROCUREMENT, WITHOUT THE EXPRESS WRITTEN PERMISSION OF HOWARD HUGHES MEDICAL INSTITUTE.

(UNLESS SPECIFIED OTHERWISE)  
PRIMARY UNITS: INCHES  
[SECONDARY UNITS]: MILLIMETERS  
PRIMARY TOLERANCES:  
X.X ± 0.020  
X.XX ± 0.010  
X.XXX ± 0.005  
X.XXXX ± 0.0005  
ANGULAR ± 0.5 DEG  
- DO NOT SCALE DRAWING -  
THIRD ANGLE PROJECTION:

Howard Hughes Medical Institute

Research Campus

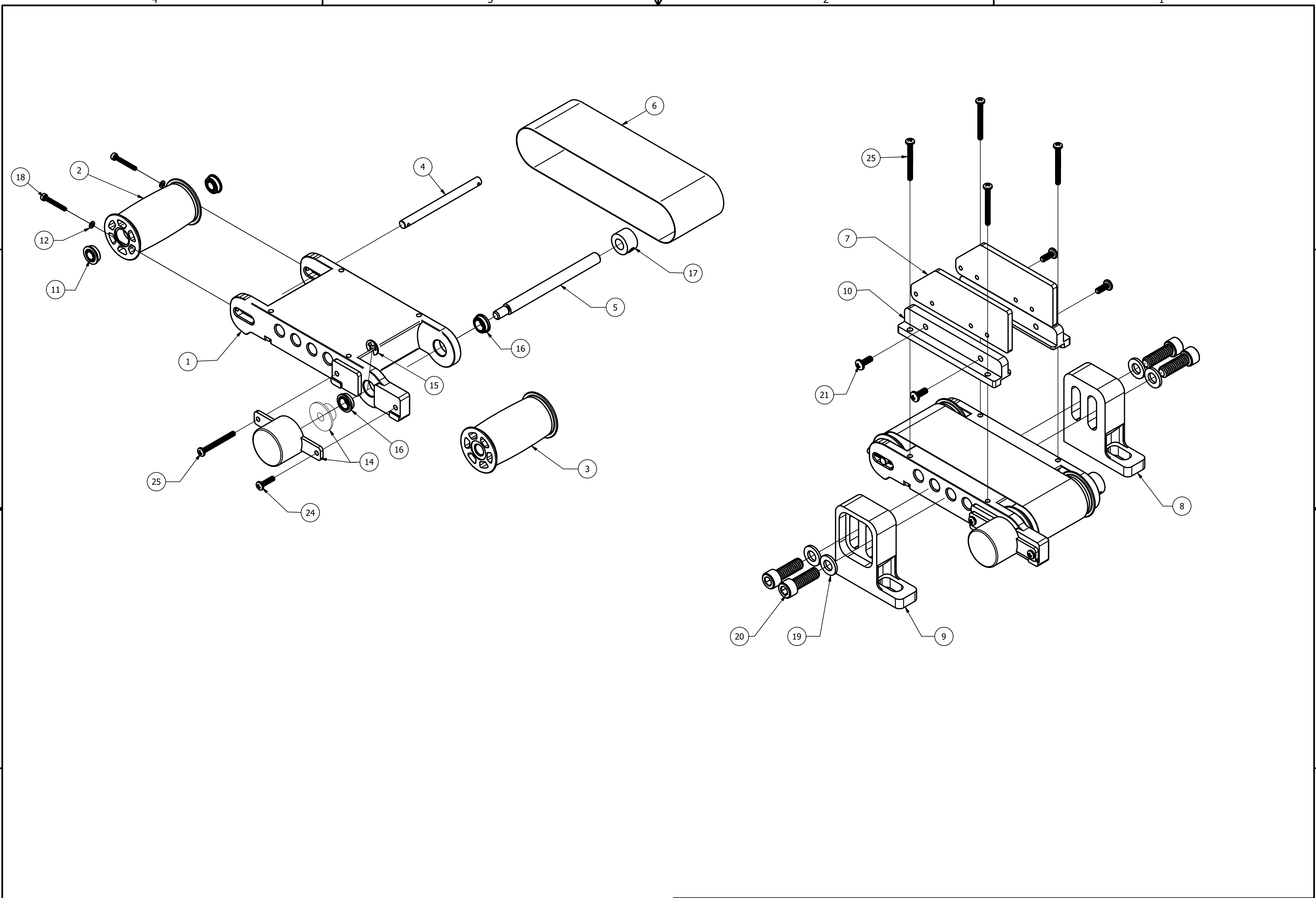
NRB DRIVEN TREADMILL ASSY.iam




SIZE C

PART NUMBER J005558

REV B

SHEET 1 OF 2



<b>NOTICE:</b> INFORMATION CONTAINED IN THIS DOCUMENT OR ANY REPRODUCTION THEREOF, IS PROPRIETARY INFORMATION AND PROPERTY OF HOWARD HUGHES MEDICAL INSTITUTE. IT SHALL NOT BE DISCLOSED, COPIED, DUPLICATED OR USED FOR MANUFACTURE, PRODUCTION OR PROCUREMENT, WITHOUT THE EXPRESS WRITTEN PERMISSION OF HOWARD HUGHES MEDICAL INSTITUTE.	(UNLESS SPECIFIED OTHERWISE) PRIMARY UNITS: INCHES [SECONDARY UNITS]: MILLIMETERS		 Howard Hughes Medical Institute		 janelia Research Campus	
	PRIMARY TOLERANCES: X.X ± 0.020 X.XX ± 0.010 X.XXX ± 0.005 X.XXXX ± 0.0005 ANGULAR ± 0.5 DEG		<b>NRB DRIVEN TREADMILL ASSY.iam</b>			
	- DO NOT SCALE DRAWING - THIRD ANGLE PROJECTION: 					
	SIZE C	PART NUMBER <b>J005558</b>	REV B	SHEET 2 OF 2		