
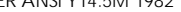
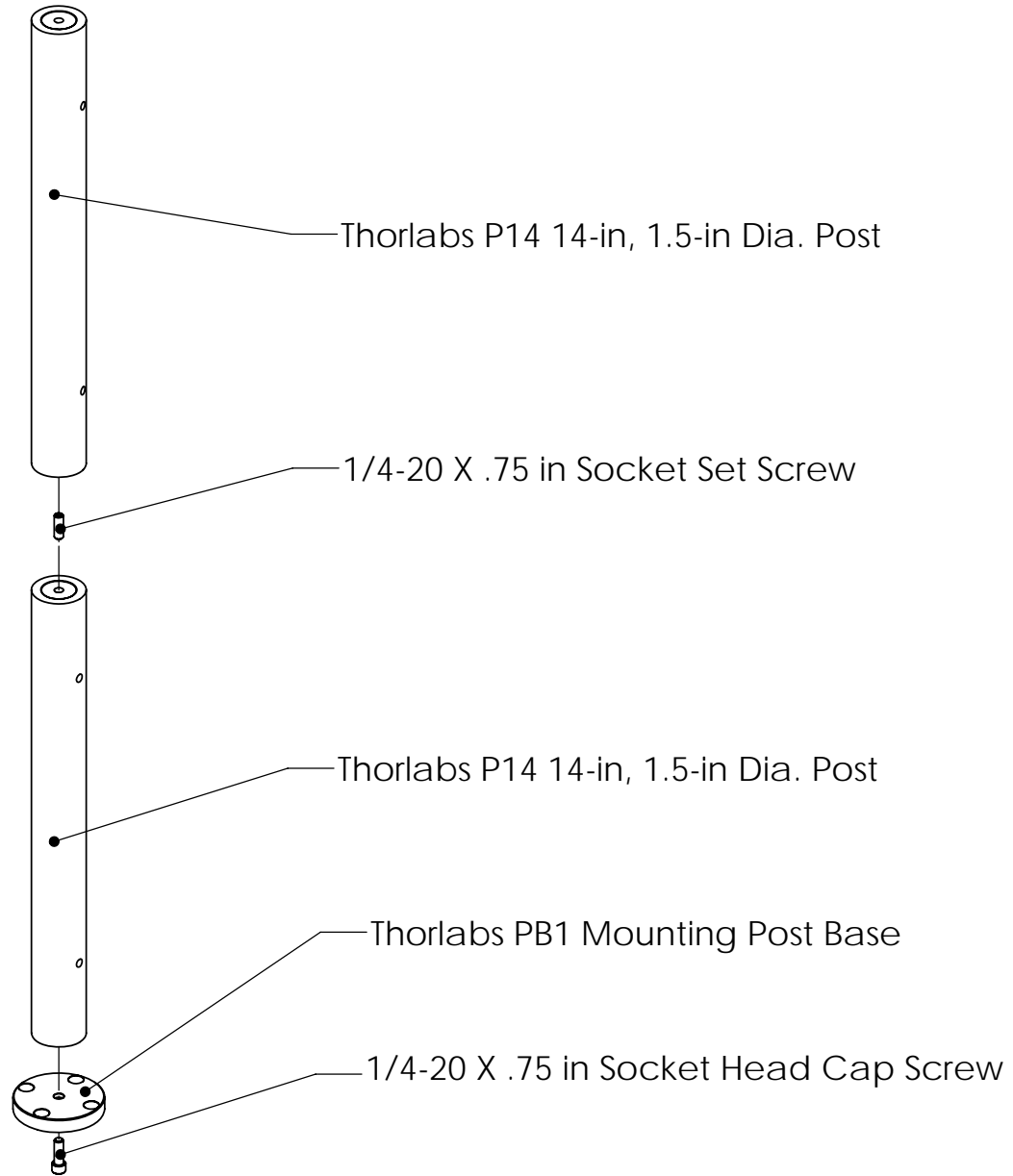


REV	REV DESCRIPTION	DRAWN	APP'D	DATE

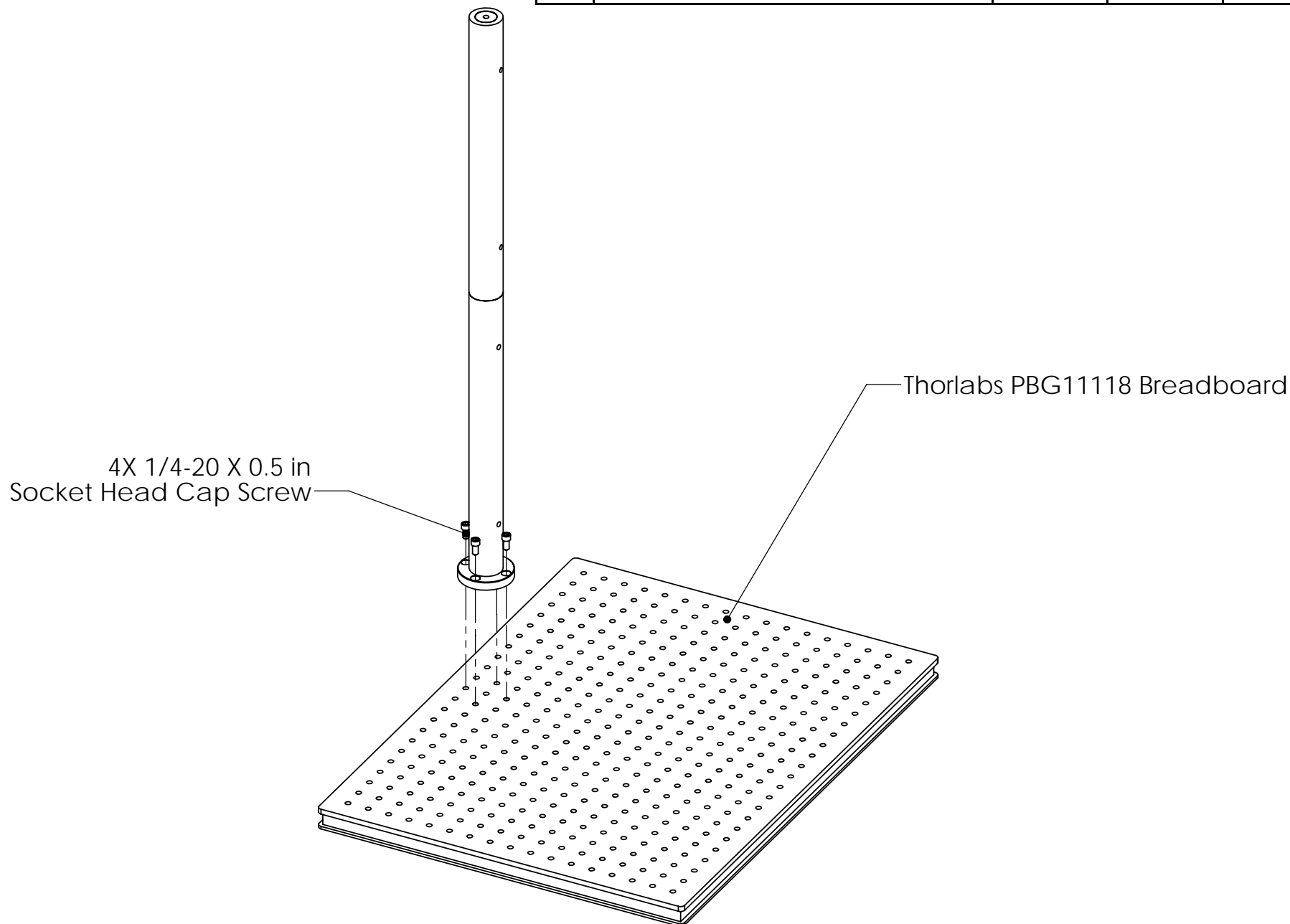
MATERIAL		Comm. & Manuf'd Parts		FINISH	Oil and burr free at 15× mag.	SCALE	1:5	DESC			Multi-Worm Tracker			
TOLERANCES: .XX ± .005 .XXX ± .001 .XXXX ± .0005 ANGLES ± 1°	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES PER ANSI Y14.5M 1982 AND NFI SPEC 01-004.		<div>HHMI janelia farm research campus</div> 		Howard Hughes Medical Institute Janelia Farm Research Center			DRAWN		CHK'D	DATE	PROJ ENGR		
								DH			10/29/2008	DH		
								FILE NAME		Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]				
		THIRD ANGLE PROJECTION				©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO.		JF-RK-TM0054	REV.	SHEET	OF
													1	13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



DESC Base and Camera Stand	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:5	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 2 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE

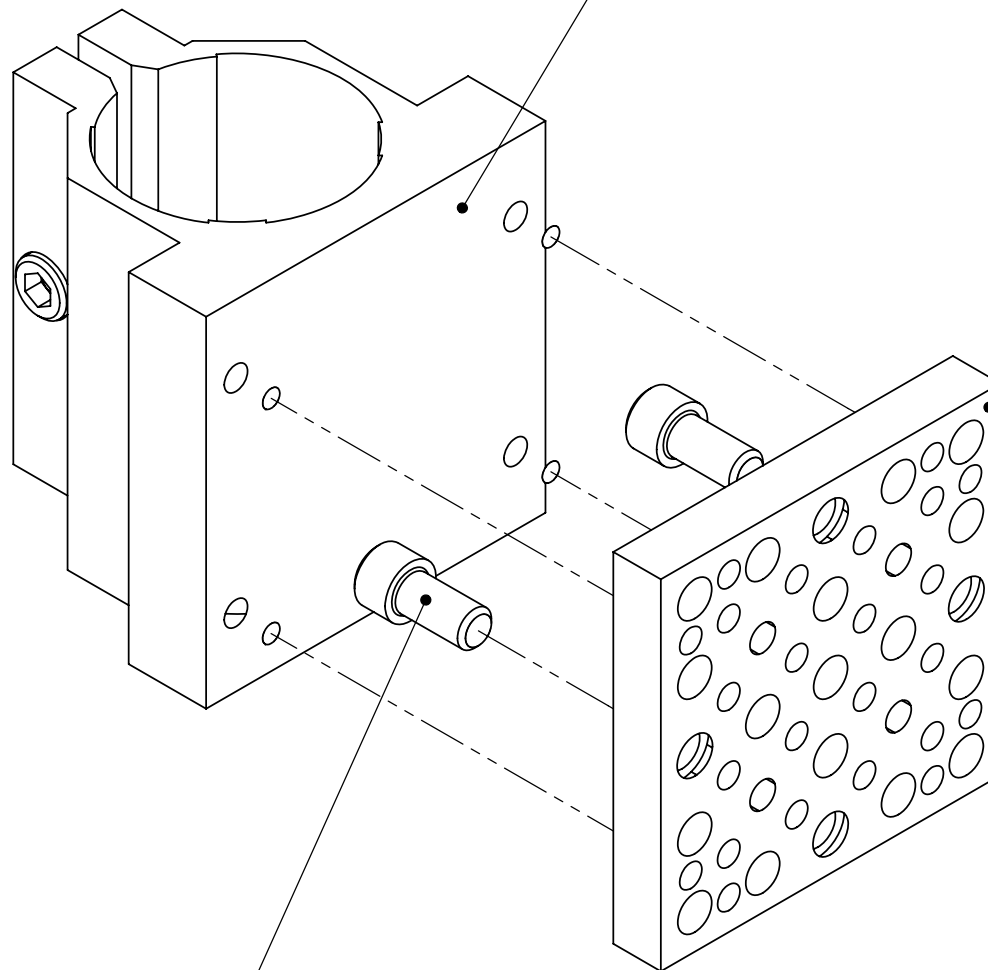


DESC Base and Camera Stand	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:6	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 3 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE

Mounting Plate Portion of Thorlabs C1501 Mountin Post Clamp

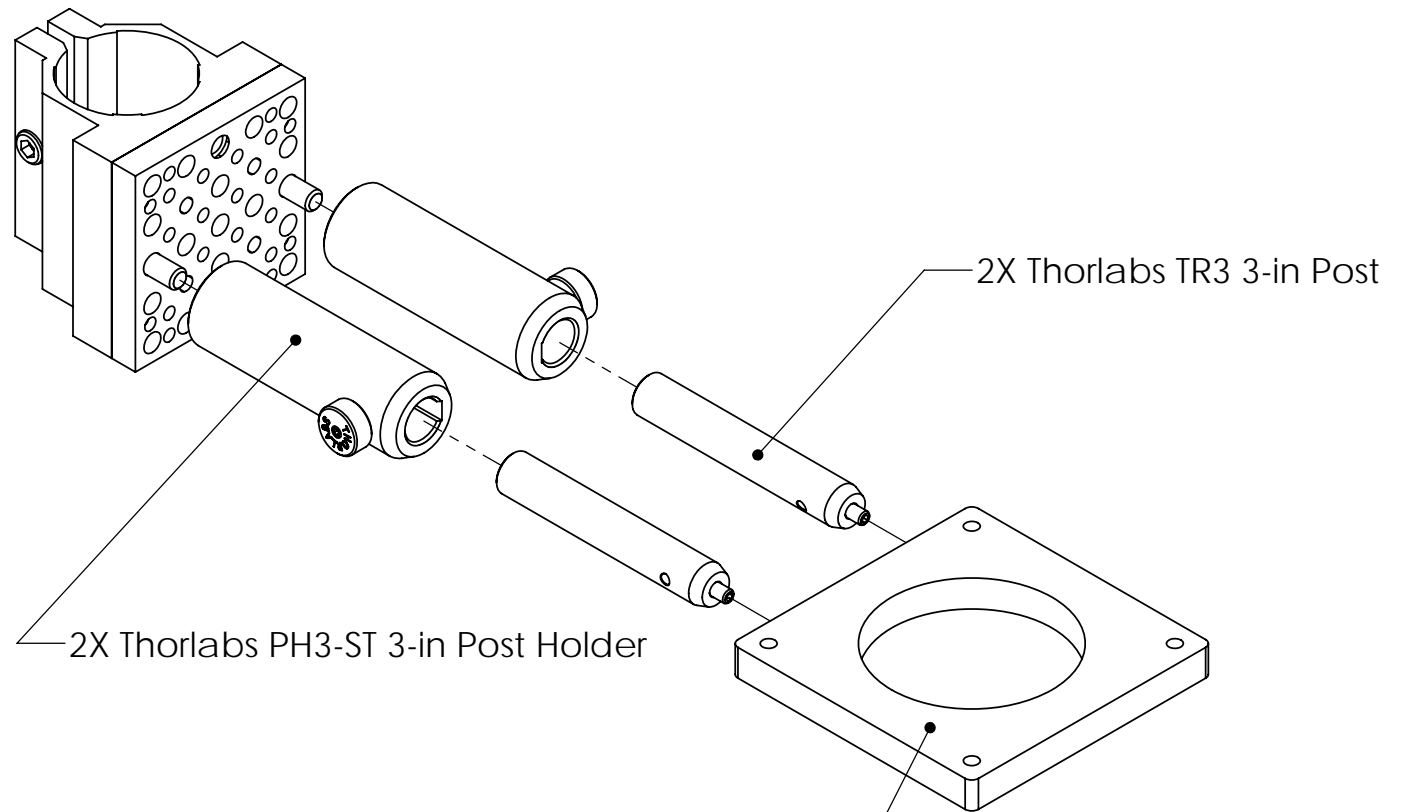
Clamp Portion of Thorlabs C1501 Mounting Post Clamp



2 X 1/4-20 X 0.5 in Socket Head Cap Screw

DESC Base and Camera Stand	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:1	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 4 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE

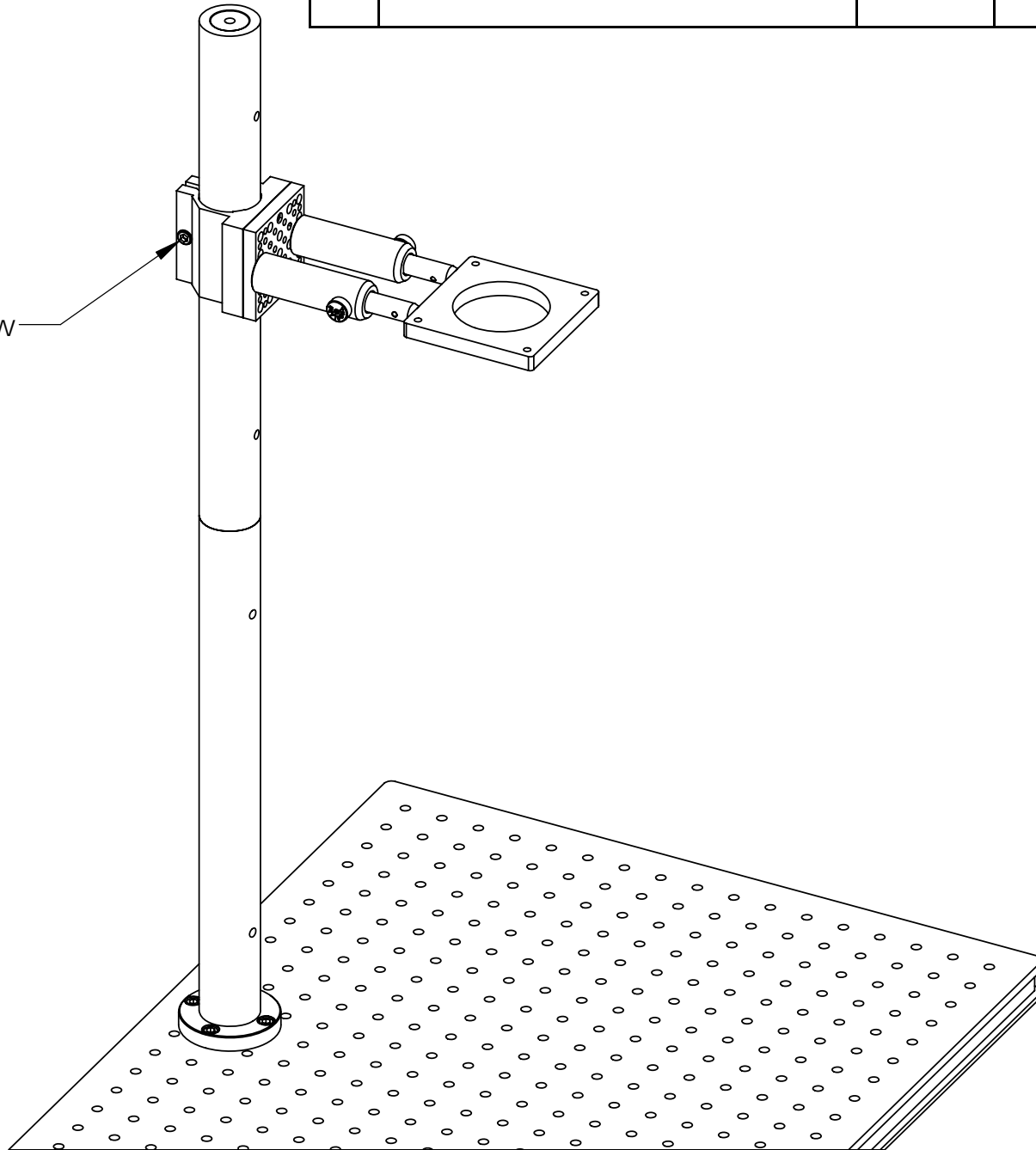


Camera Mounting Bracket (may vary according to configuration)

DESC	Base and Camera Stand	DRAWN	DH	CHK'D		DATE	10/29/2008	PROJ ENGR	DH	FILE NAME	Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]						
SCALE	1:2	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE SCTRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.								DWG NO.	JF-RK-TM0054	REV.		SHEET	5	OF	13

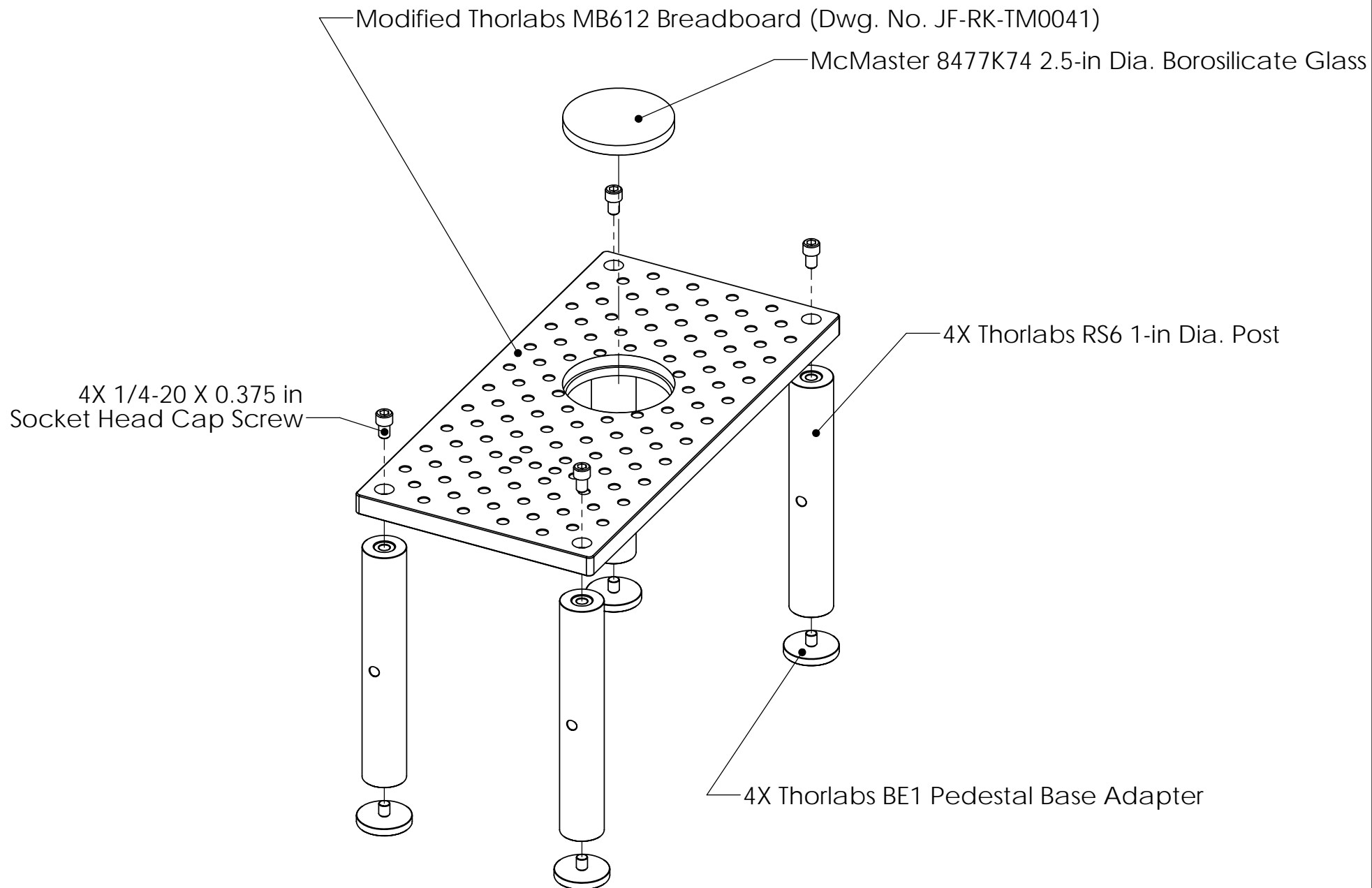
REV	REV DESCRIPTION	DRAWN	APP'D	DATE

Tighten Lock Screw



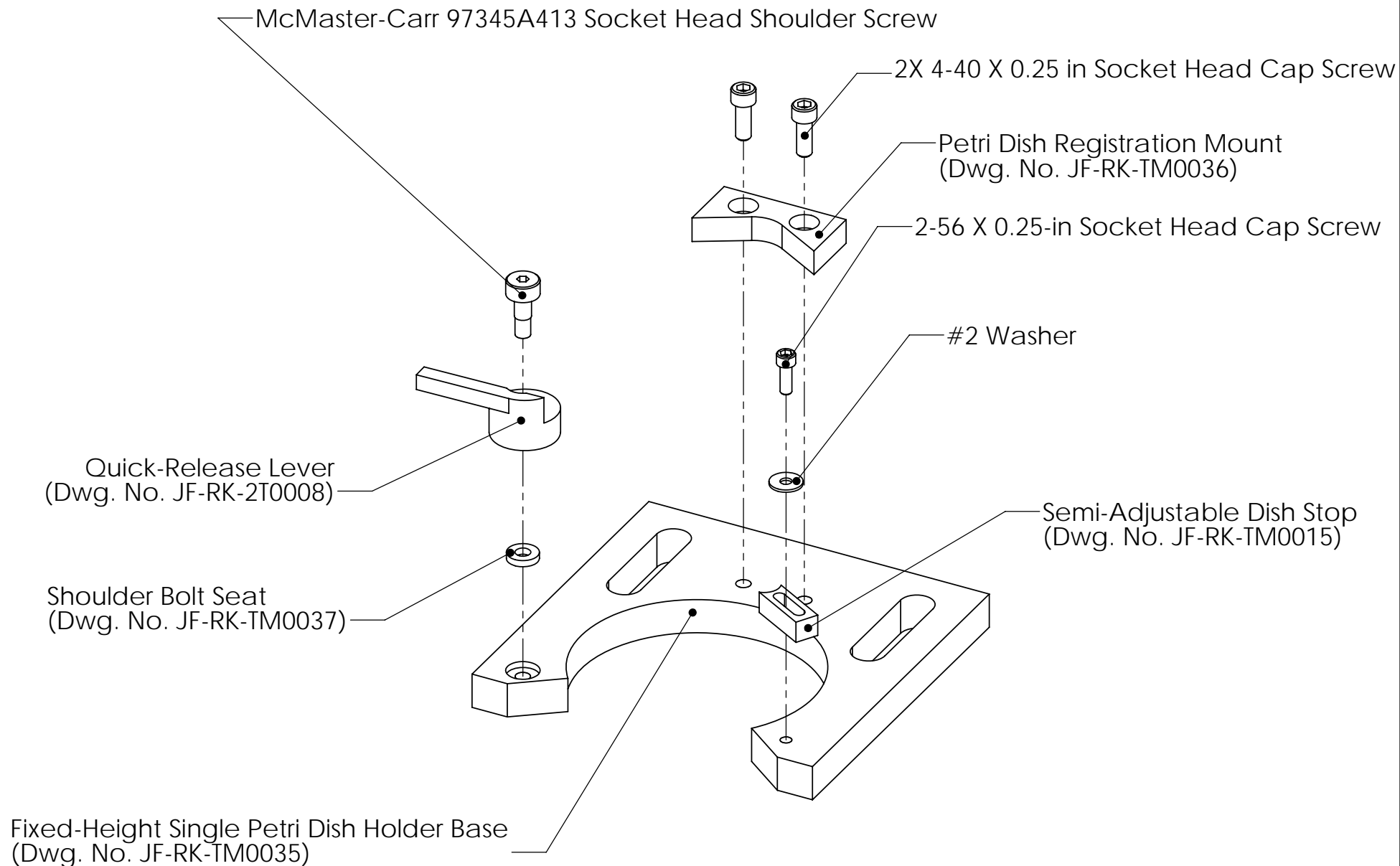
DESC Base and Camera Stand	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:16	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 6 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



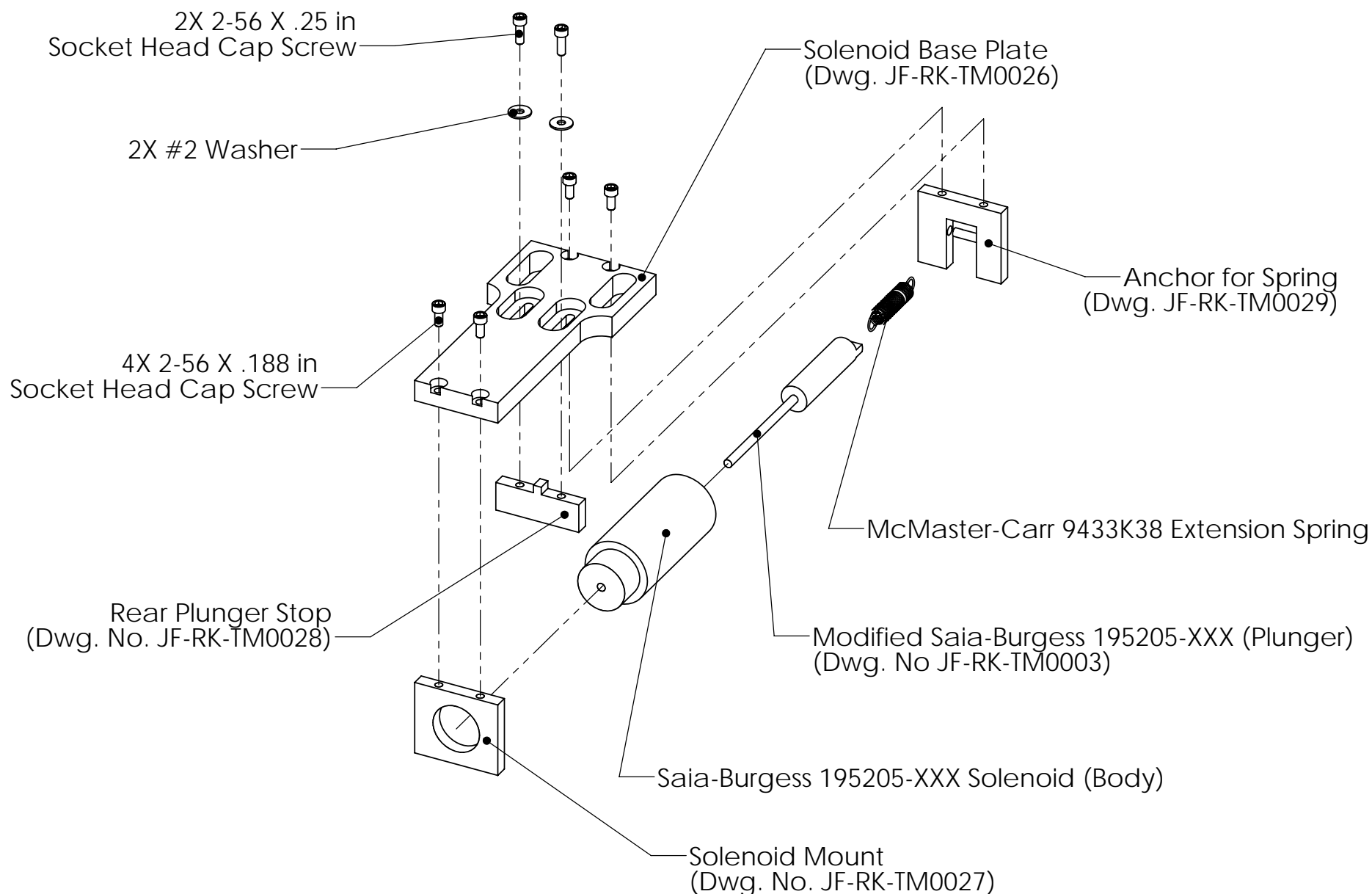
DESC Sample Platform	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:3	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 7 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



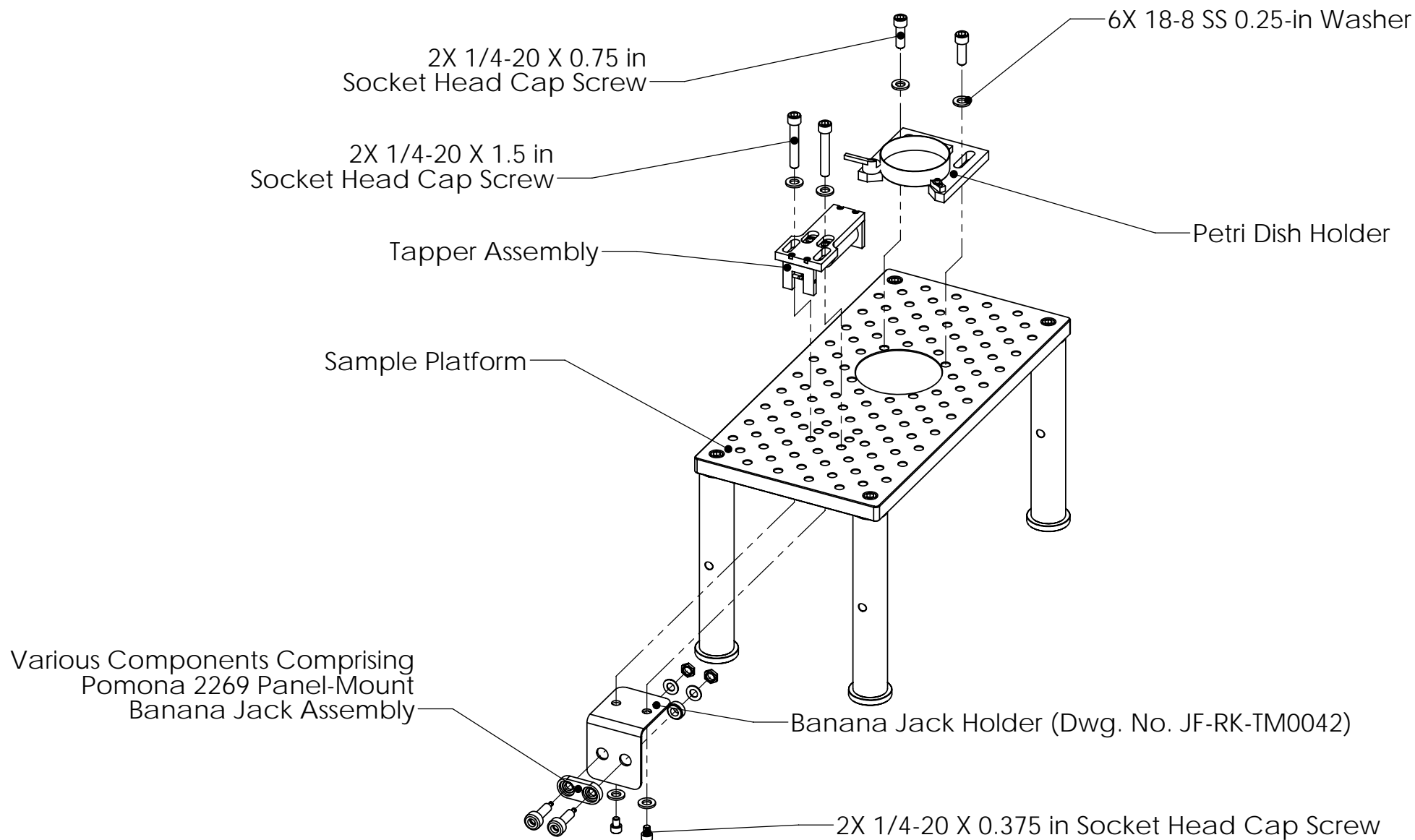
DESC	Fixed-Height Single Petri Dish Holder	DRAWN	DH	CHK'D	DATE	10/29/2008	PROJ ENGR	DH	FILE NAME	Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]						
SCALE	1:1	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.							DWG NO.	JF-RK-TM0054		REV.		SHEET	OF	13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



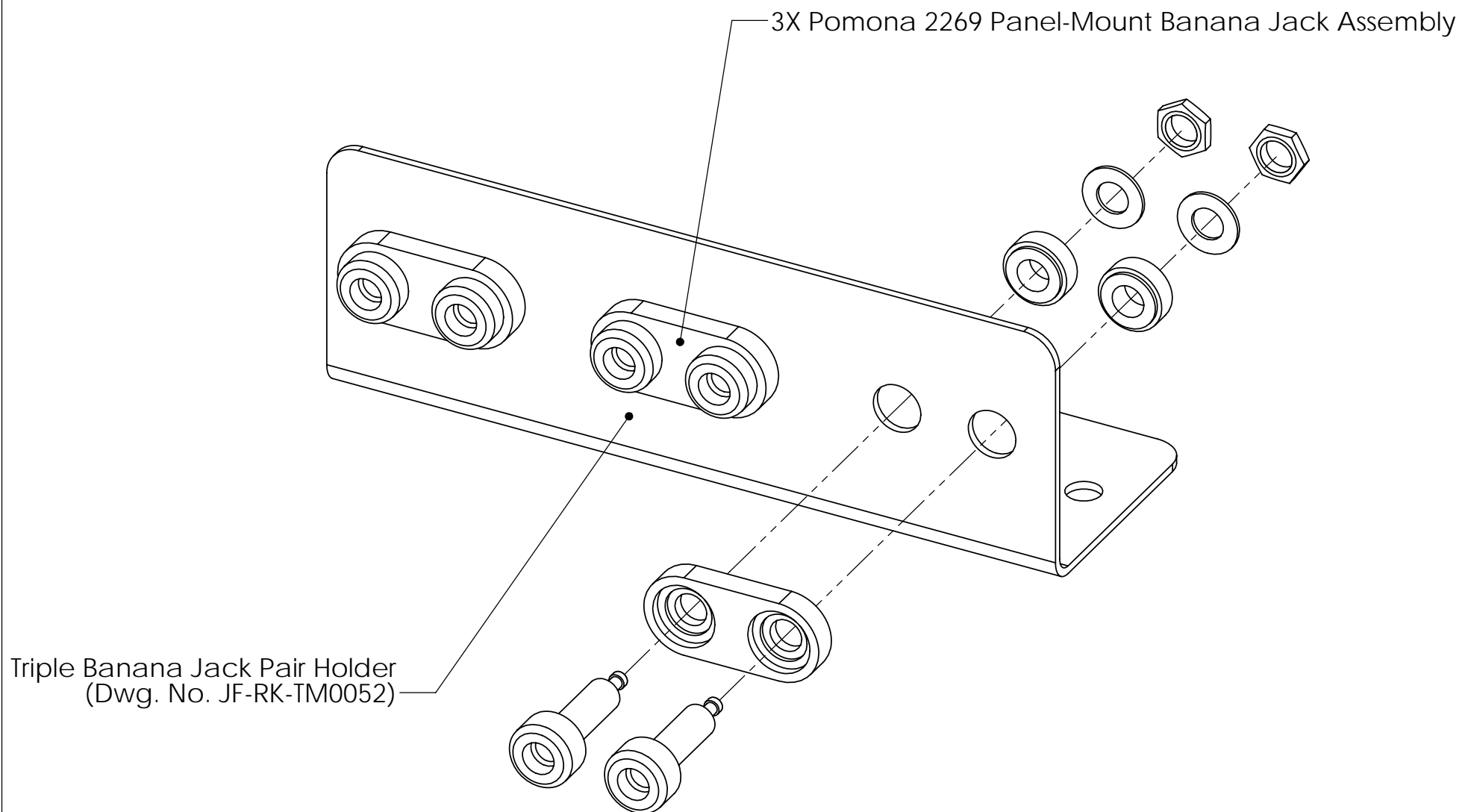
DESC	Tapper Assembly	DRAWN	DH	CHK'D		DATE	10/29/2008	PROJ ENGR	DH	FILE NAME	Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]				
SCALE	2:3	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE SCTRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.							DWG NO.	JF-RK-TM0054	REV.		SHEET	OF	13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



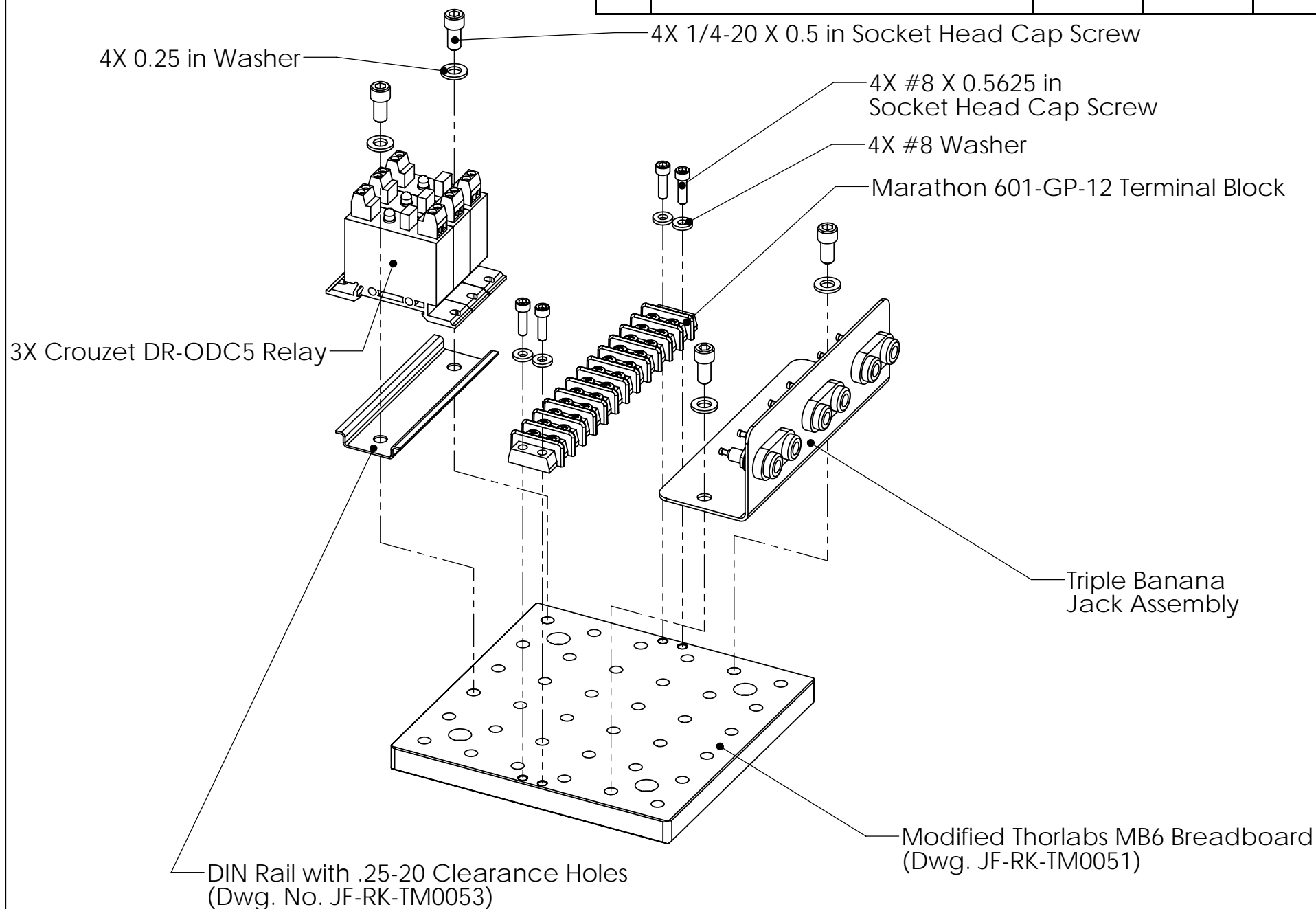
DESC Equipped Sample Platform	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]			
SCALE 1:4	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.				DWG NO. JF-RK-TM0054		REV.	SHEET OF 10 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



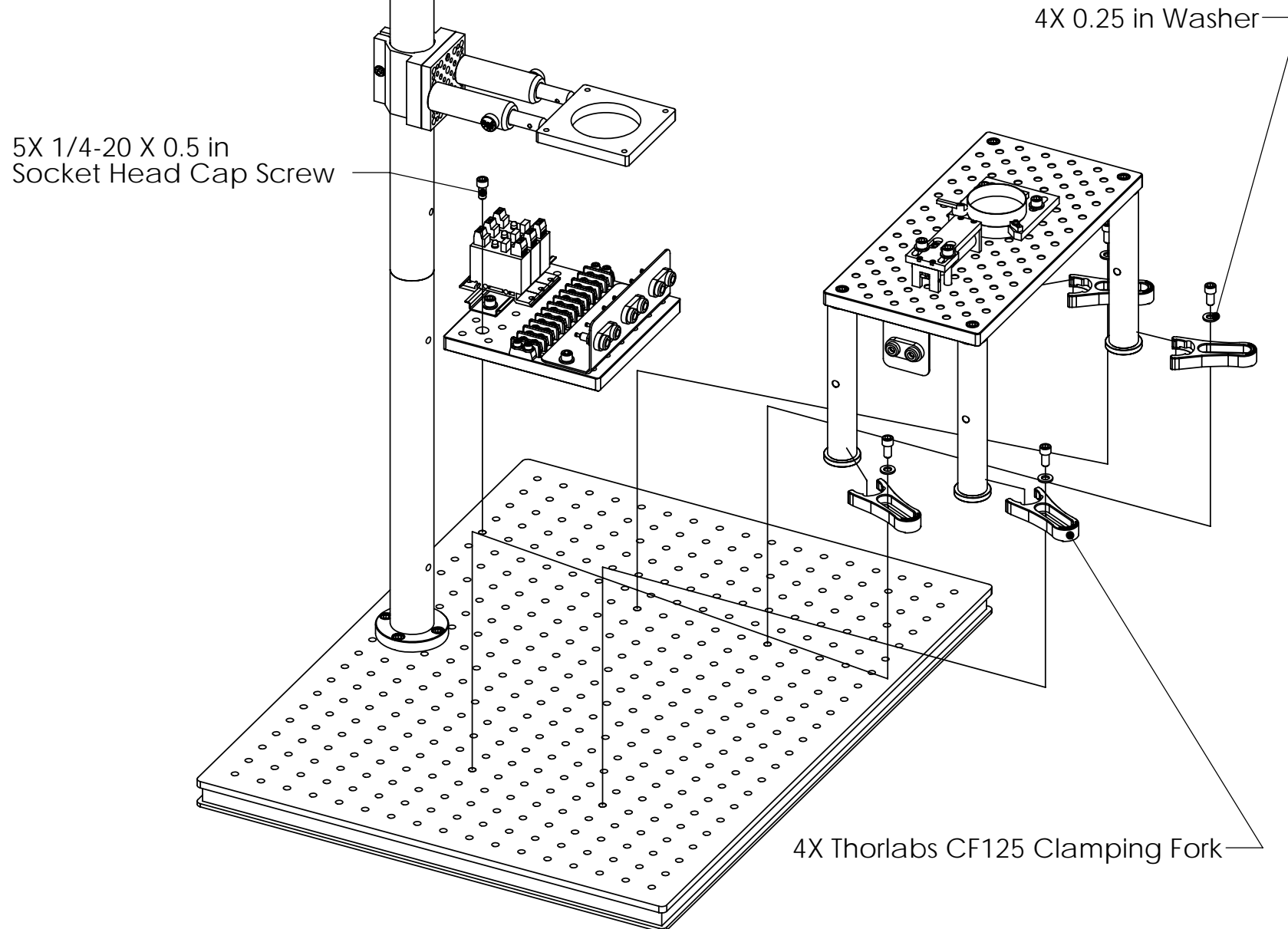
DESC Triple Mounted Banana Jack	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 1:1	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET 11 OF 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



DESC Electrical Subassembly	DRAWN DH	CHK'D	DATE 10/29/2008	PROJ ENGR DH	FILE NAME Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]
SCALE 4:10	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE STRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.			DWG NO. JF-RK-TM0054	REV. SHEET OF 12 13

REV	REV DESCRIPTION	DRAWN	APP'D	DATE



DESC	Multi-Worm Tracker	DRAWN	DH	CHK'D		DATE	10/29/2008	PROJ ENGR	DH	FILE NAME	Multi-Worm Tracker Step-by-Step Assembly [JF-RK-TM0054]						
SCALE	1:5	©2008 HOWARD HUGHES MEDICAL INSTITUTE (HHMI). THIS HHMI PROPRIETARY INFORMATION MUST BE MAINTAINED IN THE SCTRICTEST OF CONFIDENCE AND MAY NOT BE COPIED, DISCLOSED, OR USED WITHOUT THE EXPRESS WRITTEN CONSENT OF HHMI.								DWG NO.	JF-RK-TM0054	REV.		SHEET	OF	13	13