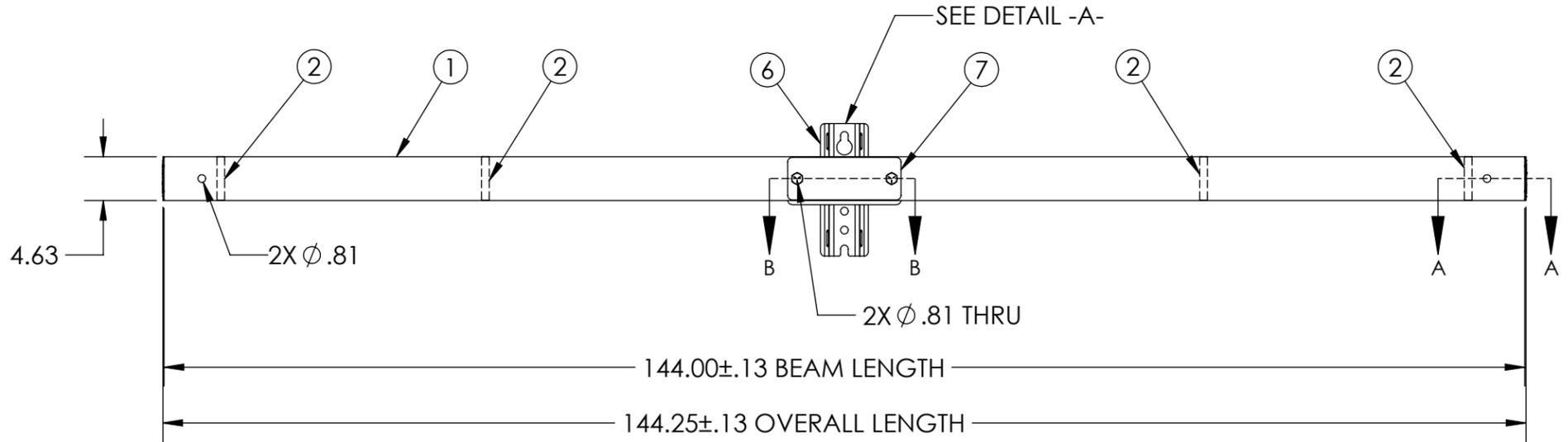
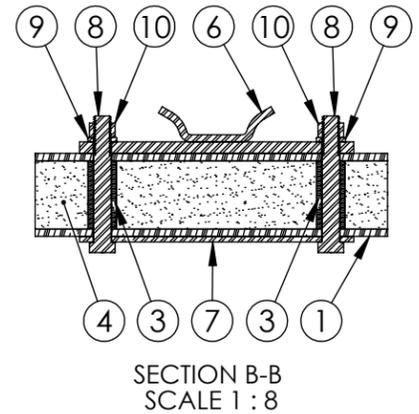
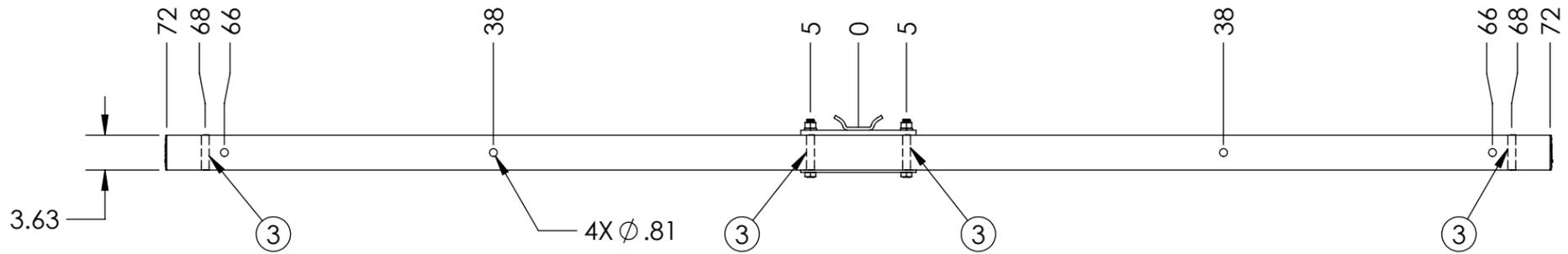
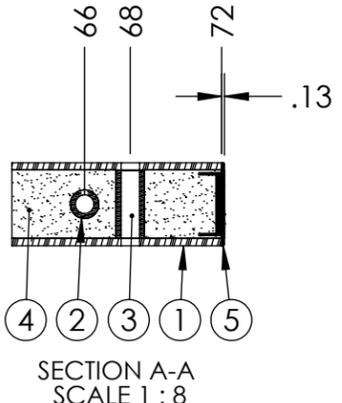
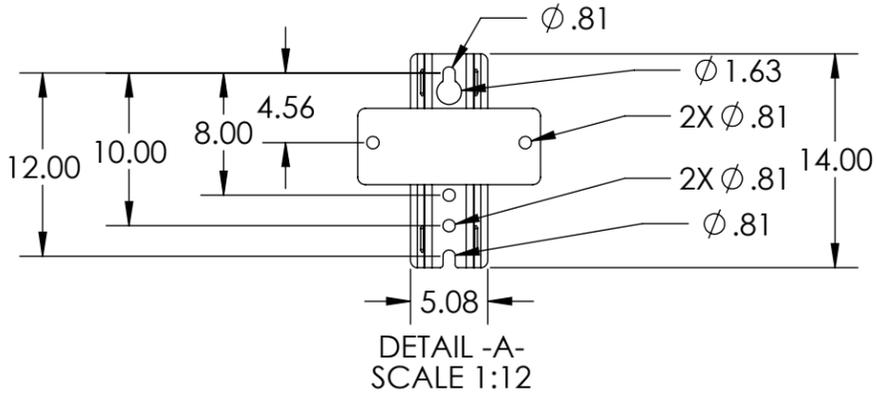


ITEM NO.	PART NUMBER	DESCRIPTION	DESCRIPTION 2	QTY
1	FB-144-3000-2	BEAM, PULTRUDED STOCK	SERIES 3000 x 144 in, GRAY	1
2	TG0813-0041	BUSHING	13/16 in x 3-15/16 in	4
3	TG0813-0042	BUSHING	13/16 in x 3 in	4
4	FOAM	-	-	1
5	EC30-0002-2	END CAP	SERIES 3000, GRAY	2
6	TM-0047	MOUNT ASSEMBLY, TANGENT	HDLH	1
7	PL-0001	PLATE, FRONT		1
8	HB0750-0001	HEX BOLT	3/4 in - 10 x 5-1/2 in	2
9	LW0750-0001	LOCK WASHER	3/4 in	2
10	HN0750-0001	HEX NUT	3/4 in - 10	2

**PUPI**<sup>®</sup>  
www.pupicrossarms.com

ECO		REV.	DESCRIPTION	DATE	INITIALS
		3.0	NO REVISION, DRAWING TO BE RELEASED	2013-03-22	RAF
1349		3.1	UPDATE DRAWING FORMAT	2016-01-13	RAF
2997		3.2	ADD LOAD RATINGS	2017-03-21	RAF
6499		3.3	UPDATE DRAWING FORMAT	2023-12-14	NDH



- NOTES:
- CALCULATED AVERAGE ULTIMATE VERTICAL LOAD = 9,750 LBS PER WIRE, 2 WIRES AT  $\pm 66$   
= 5,000 LBS PER WIRE, 4 WIRES AT  $\pm 38$  &  $\pm 66$
  - CALCULATED AVERAGE ULTIMATE LONGITUDINAL LOAD = 4,750 LBS PER WIRE, 2 WIRES AT  $\pm 66$   
= 3,000 LBS PER WIRE, 4 WIRES AT  $\pm 38$  &  $\pm 66$
  - CALCULATED AVERAGE ULTIMATE TRANSVERSE LOAD = 12,000 LBS PER SIDE
  - CENTER OF MOUNT HOLE(S) TO HOLES TOLERANCE  $\pm 0.06$
  - GEOTEK RECOMMENDS MAXIMUM APPLIED LOAD PER WIRE DOES NOT EXCEED 50% OF THE AVERAGE ULTIMATE STRENGTH PER WIRE OF THE CROSSARM.

3.2 3.3

**---UNLESS OTHERWISE SPECIFIED---**

DIMENSIONS ARE IN INCHES  
INTERPRET DIM AND TOL PER ASME Y14.5-2009  
ANGULAR: MACH  $\pm 2^\circ$   
BEND  $\pm 2^\circ$   
ONE PLACE DECIMAL  $\pm 0.1$   
TWO PLACE DECIMAL  $\pm 0.02$

STATE: RELEASED 2023-12-20  
DRAWN: RAF 2013-02-11  
CHECKED: AJH 2023-12-15  
APPROVED: AJH 2023-12-20  
REPLACES: TB3000-144-SPX

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GEOTEK. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GEOTEK IS PROHIBITED.

CUSTOMER SIGNATURE: DATE:

THIRD ANGLE PROJECTION

**-REFERENCES-**  
pupicrossarms.com/warranty  
geotek.com/termsandconditions

1421 SECOND AVE NW  
STEWARTVILLE, MN 55976  
(800) 533-1680  
www.geotek.com

**GEOTEK**  
A Whole New World of Composites

DESCRIPTION:  
**TANGENT ASSEMBLY, SERIES 3000**  
**144 in, PUPI SPX**

SIZE: DWG. NO. **B TB3000144SPX2**  
SCALE: 1:16 | WEIGHT: 73 LBS

BEAM COLOR: **GRAY** | REV: **3.3**

SHEET 1 OF 1