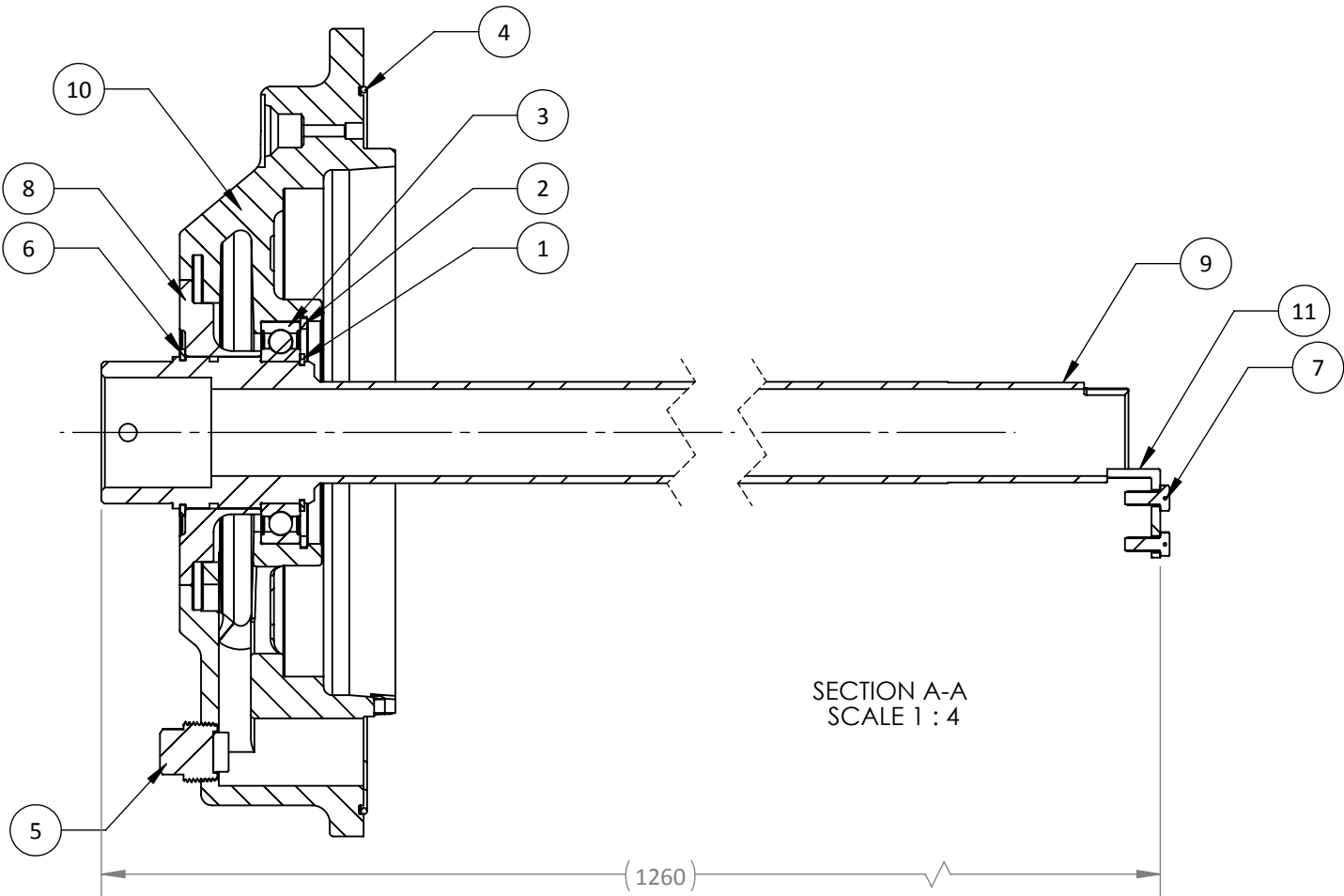



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	90965	SNAP RING, EXTERNAL (SMALLEY FS-080)	1
2	90966	INTERNAL SNAP RING FH-125	1
3	93235	BEARING, DEEP GROOVE BALL w/SEALS	1
4	93240	SEAL, O RING 3.53 DIA X 1228.5	1
5	95398	PLUG, 1.0" NPT w/ MAGNET	1
6	97066	SNAP RING (SMALLEY FS-085)	1
7	98225	HEX HD CAPSCREW, M8x20, DRILLED HD, GRADE 5	2
8	251333	SEAL, END COVER	1
9	251400	PILOT TUBE	1
10	254496	LSS END COVER (MACHINED)	1
11	254781	PILOT TUBE ANTI ROTATION BRACKET	1



MADE BASED ON 1509-AS-008-B

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	2/13/13	
B	RELEASE FOR PRODUCTION	CPS	4/22/13	
C	CHANGES PER MANUFACTURER DRW REVIEW	CPG	11/21/13	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES:			
DECIMALS:		FINISH:	ANGLES:
X.    ±1.0	6.3	∠ ± 0.5°	
.X    ±0.5	√ μm Ra		
.XX   ±0.25			
COPYRIGHT ©			
NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			
DRAWN	CPS	DATE:	2/13/13
CHECKED	NJB	THIRD ANGLE PRJ	

National Renewable Energy Laboratory			
TITLE: PILOT TUBE ASSEMBLY			
SIZE B	DWG. NO. 254782		REV C
SCALE: 1:12	WEIGHT: 46.46 kgs	SHEET 1 OF 1	