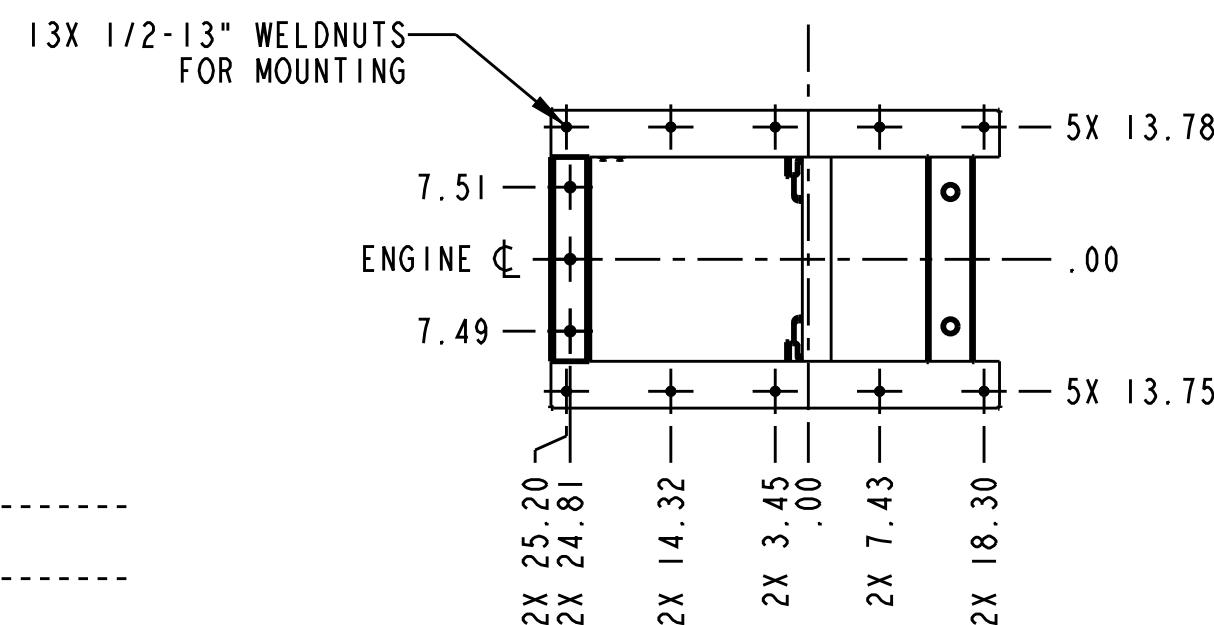
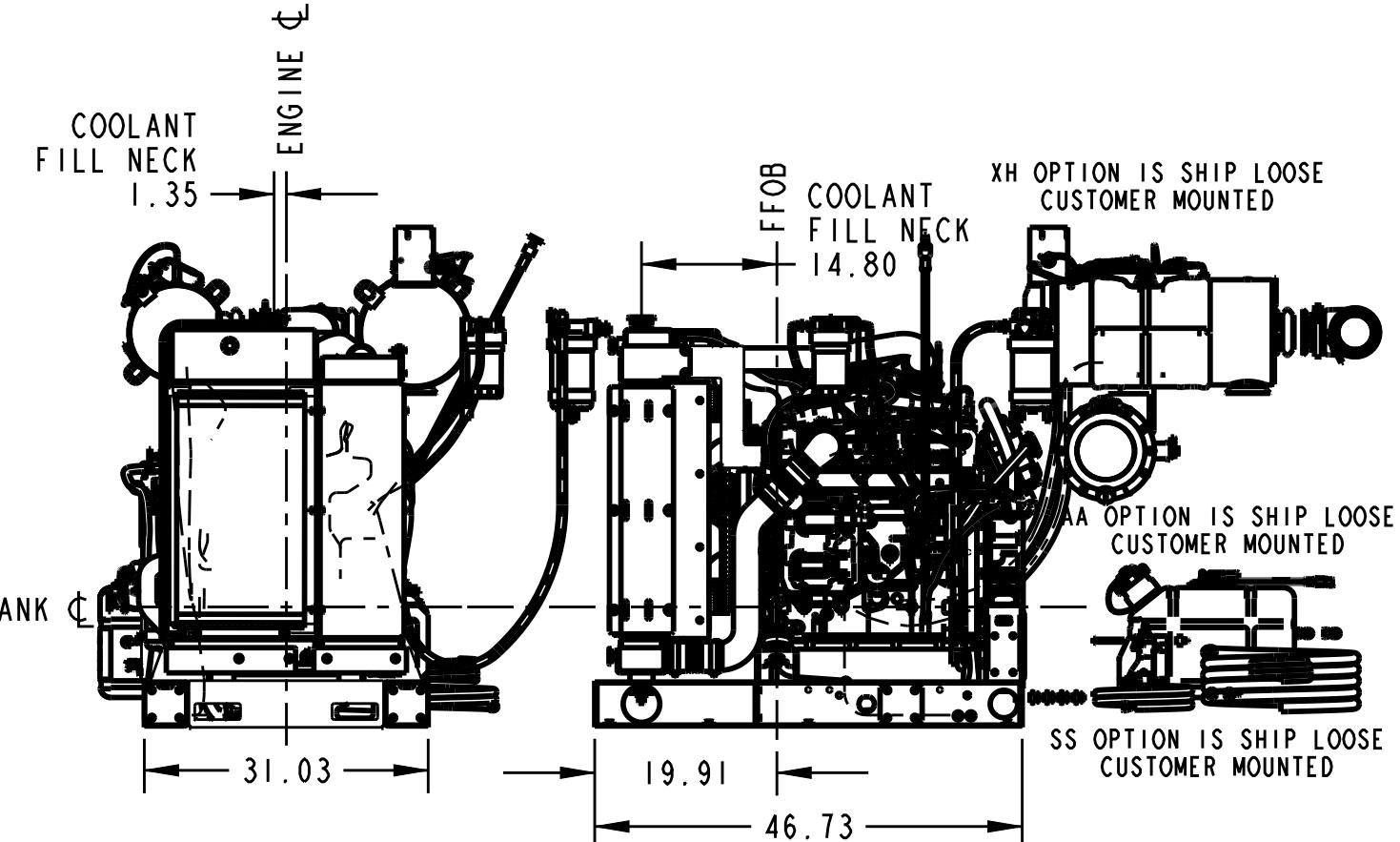
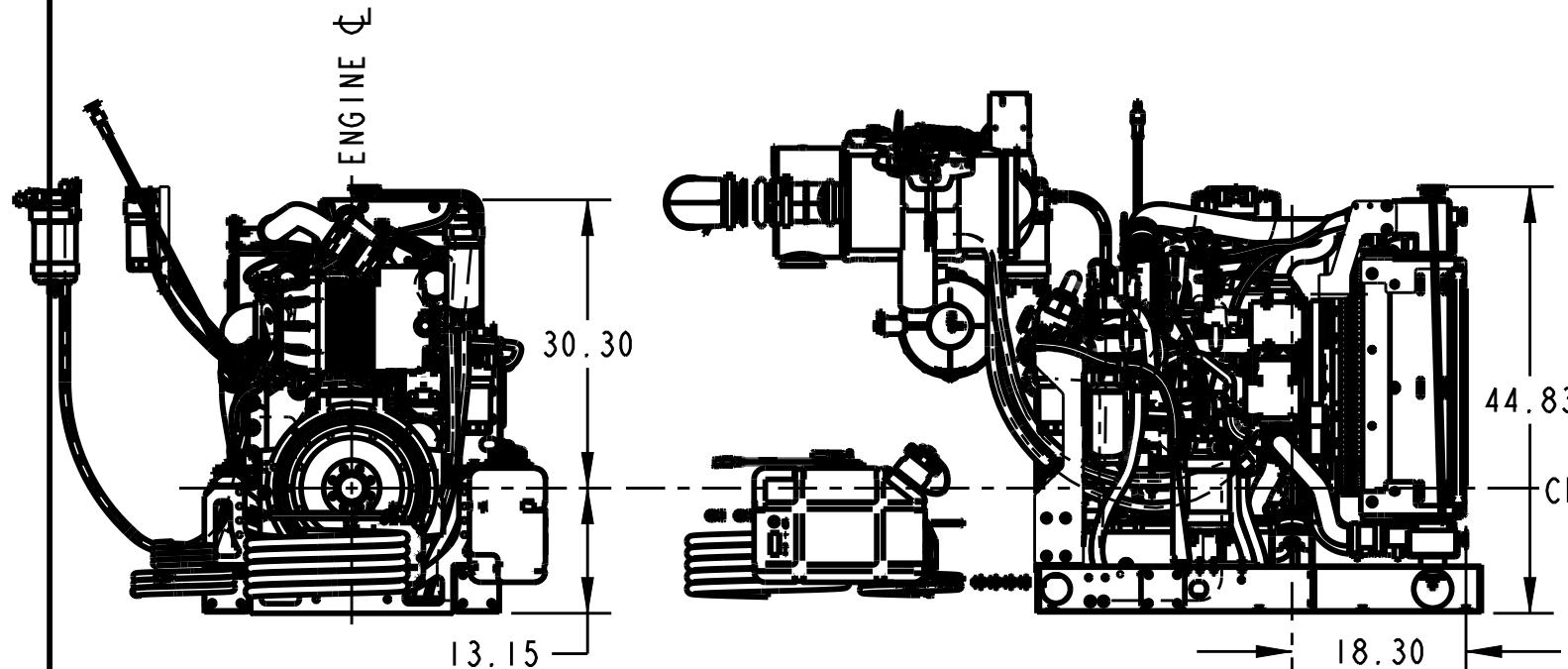


DRAWING NUMBER
60000634

REVISIONS			
REV	DATE	CHANGE	BY
0	6/1/18	RELEASE FOR CUSTOMER APPROVAL	NAT 3887-17 DRC
I	9/27/18	REMOVED 3X TECH PRODUCTS 51259 DEF PUMP ISOLATORS ADDED 3X TECH PRODUCTS 50947-1 DEF PUMP ISOLATORS REMOVED CECO 5319015 (24V) FREON COMPRESSOR ADDED CECO 4938973 (12V) FREON COMPRESSOR	NAT 3887-17 X



CUSTOMER APPROVAL:

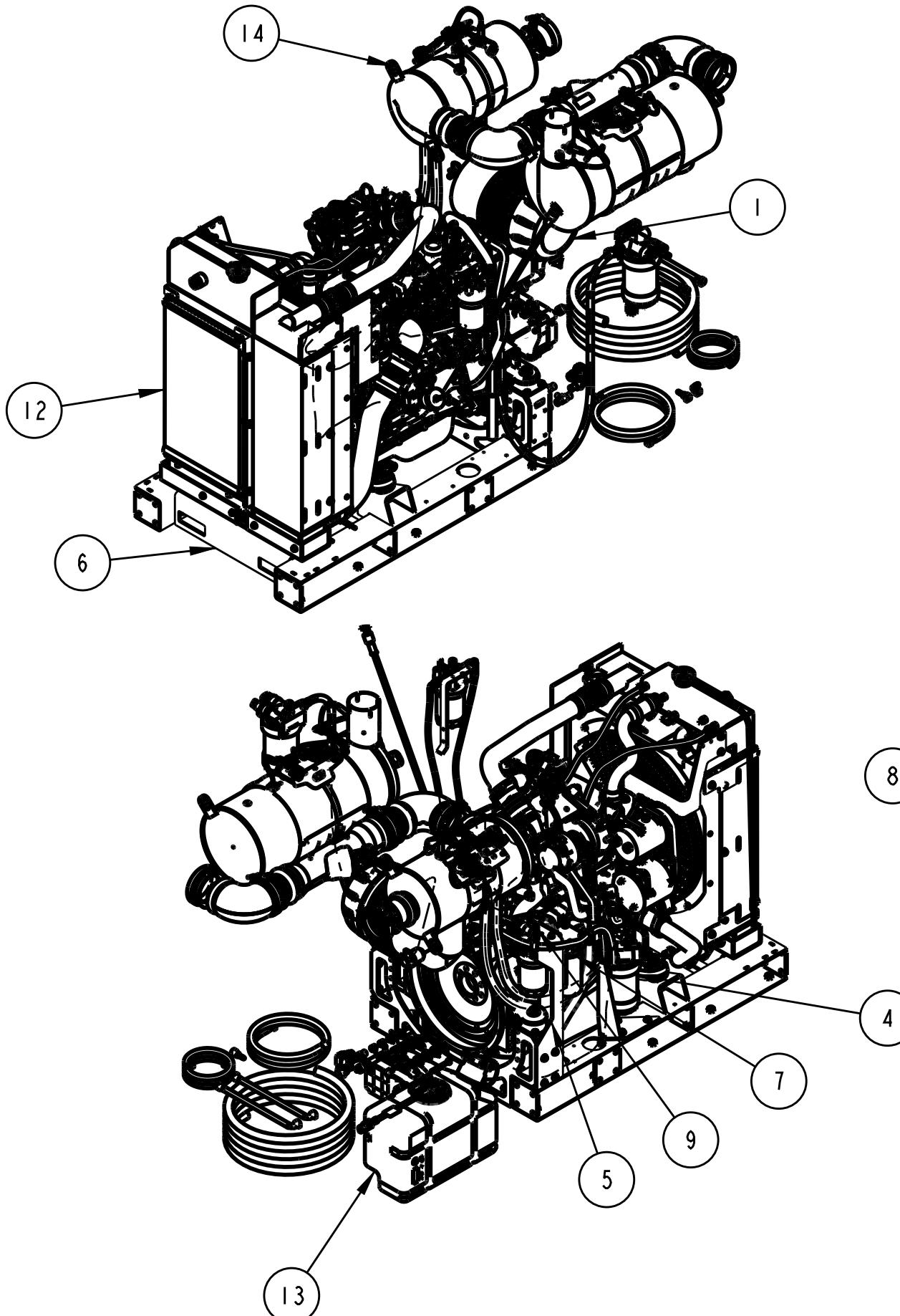
NAME: \_\_\_\_\_

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

REF. DRAWING STANDARDS: ASME Y14.5M			ALL DIMENSIONS: INCH [MILLIMETER]	
<b>CUMMINS POWER PRODUCTS</b> NEW HUDSON, MICHIGAN				
DRAWN BY	NAT	DATE	6/1/18	DRAWING DESCRIPTION
THIS DRAWING/DATA FILE (AND THE INFORMATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE USED, DISCLOSED OR OTHERWISE REPRODUCED BY ANY MEANS IN WHOLE OR IN PART, OR IN MACHINE READABLE FILES WITHOUT WRITTEN CONSENT OF CUMMINS POWER PRODUCTS.				APPROVAL DRAWING OSB4.5 T4F POWER UNIT 3887-17 TADANO LOCK CRANE
				SCALE: DRAWING NO. 60000634

DRAWING NUMBER  
60000634



BILL OF MATERIAL			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	AAII524	AAPU????? (AAII524) - AIR CLEANER, OPTI-AIR, LOOSE PARTS KIT
2	1	DEII157	DEPUI0115 (DEII157) - DECALS & MANUALS
3	1	EAII146	EAPU????? (EAII146) - ENGINE HARNESS, 12V, J1939, QUALTRONICS
4	1	FFII108	FFPU????? (FFII108) - MOUNTING, FUEL FILTER, STAGE 1
5	1	FFII109	FFPU????? (FFII109) - MOUNTING, FUEL FILTER, STAGE 2
6	1	MMII472	MMPU????? (MMII472) - ENGINE MOUNTS, FULL BASE, W/ISO, SAE#3
7	1	MSII1376	MSPU????? (MSII1376) - MOUNTING, OIL FILTER
8	1	MSII1377	MSPU????? (MSII1377) - FREON COMPRESSOR & MOUNTING
9	1	OLII028	OLPU????? (OLII028) - DIPSTICK, OIL LEVEL
10	1	PPII022	PPPU10017 (PPII022) - PACKING MATERIALS, SHORT RAIL
11	1	PPII025	PPPU10018 (PPII025) - PACKING MATERIALS
12	1	RAII636	RAPU????? (RAII636) - COOLING SYSTEM, 125 LAT, SUCKER
13	1	SSII165	SSPU????? (SSII165) - KIT, DEF SYSTEM, SHIP LOOSE, 12V
14	1	XHII513	XHPU????? (XHII513) - AFTERTREATMENT, 12V, SHIP LOOSE KIT

NOTES:

- 1.) THIS ENGINE MUST USE LOW ASH CJ-4 OIL THAT MEETS (CUMMINS ENGINEERING STANDARD) CES 20081.
- 2.) THIS ENGINE MUST USE ULTRA LOW SULFUR DIESEL FUEL (SEE CUMMINS SERVICE BULLETIN 3379001).
- 3.) LUBE FILTER (LF OPTION) AND FUEL FILTER (FF OPTION) ARE TO BE CHANGED EVERY 500 HOURS OR 6 MONTHS.
- 4.) FUEL INLET (FP OPTION): M14 X 1.5 THREAD
- 5.) FUEL DRAIN (DL OPTION): 3/8" HOSE BARB
- 6.) REAR ATTACHMENT INFORMATION:  
FH9481: SAE#3, M10 X 1.5 THREAD, 1.2" DEEP  
12 HOLES EQUALLY SPACED ON A 16.87" BOLT CIRCLE  
FW9857: SAE#3, 3/8"-16 UNC THREAD, 0.8" DEEP  
8 HOLES EQUALLY SPACED ON A 13.13" BOLT CIRCLE
- 7.) DUE TO MANUFACTURING VARIANCES, DIMENSIONS MAY VARY UP TO 0.25" FROM NOMINAL.
- 8.) OPTION EAII146 NOT CURRENTLY ROUTED IN CAD MODEL.  
WORK INSTRUCTIONS CREATED FOR PHYSICAL ROUTING.
- 9.) ELECTIRCAL POWER BOARD OPTION (GE) NOT CURRENTLY INCLUDED.  
OPTION BEING CREATED ALONG WITH WORK INSTRUCTIONS.
- 10.) OPTIONS DEII157, PPII022, & PPII025 OMITTED FOR CLARITY.

CUSTOMER APPROVAL:

NAME: \_\_\_\_\_

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

REF. DRAWING STANDARDS: ASME Y14.5M		ALL DIMENSIONS: INCH [MILLIMETER]	
<b>CUMMINS POWER PRODUCTS</b> NEW HUDSON, MICHIGAN			
DRAWN BY NAT	DATE 6/1/18	DRAWING DESCRIPTION	SHEET 2 OF 2
		APPROVAL DRAWING OSB4.5 T4F POWER UNIT 3887-17 TADANO LOCK CRANE	SCALE:
			DRAWING NO. 60000634

THIS DRAWING/DATA FILE (AND THE INFORMATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE USED, COPIED, OR OTHERWISE REPRODUCED BY ANY MEANS IN WHOLE OR IN PART, OR IN MACHINE-READABLE FILES WITHOUT WRITTEN CONSENT OF CUMMINS POWER PRODUCTS.