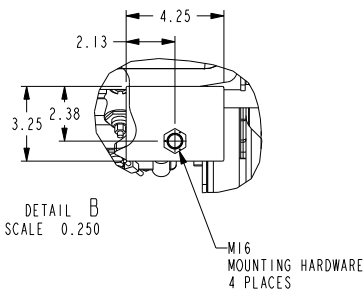
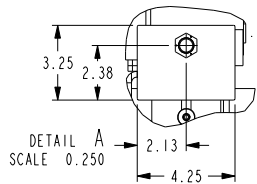
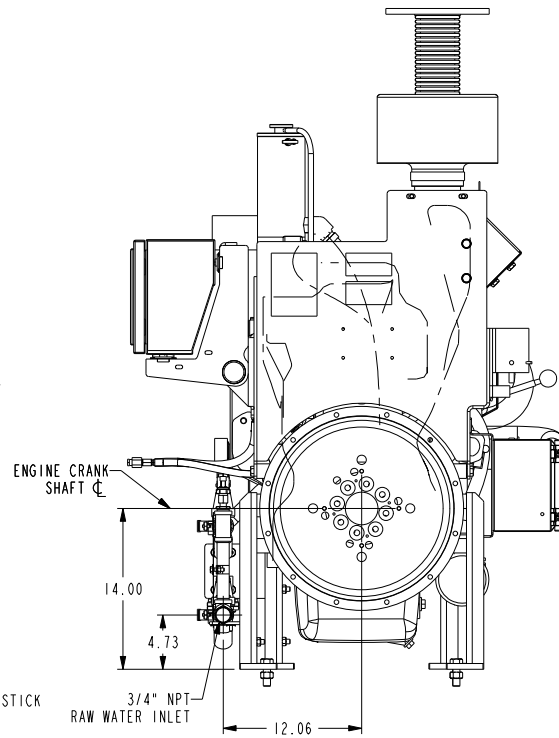
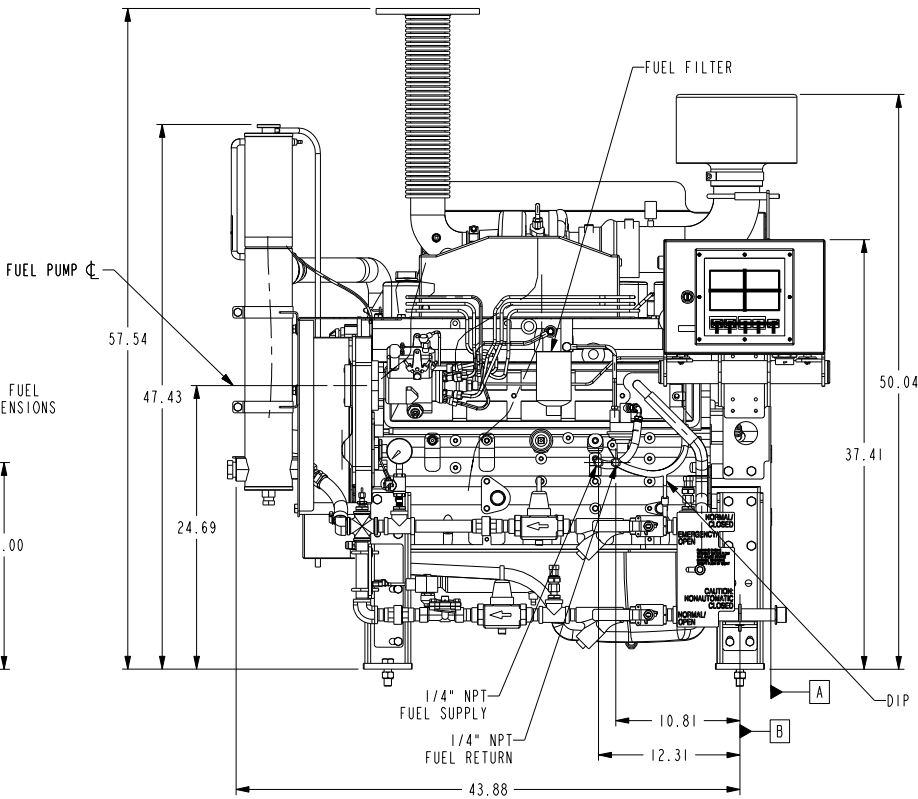
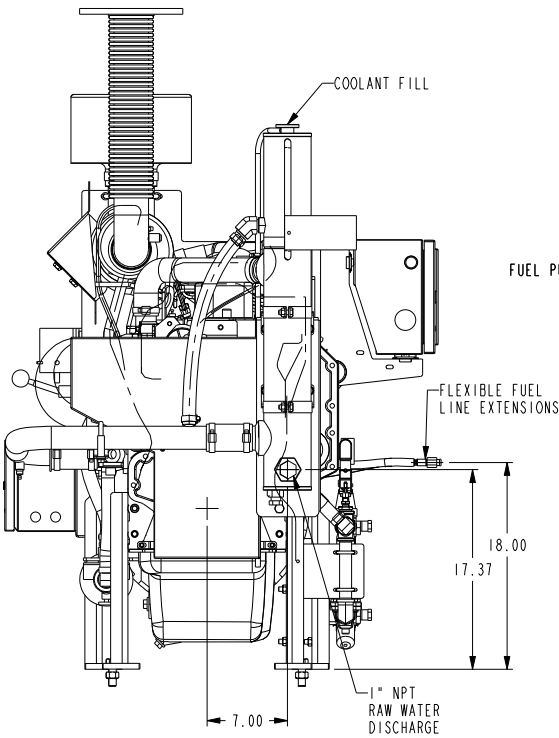
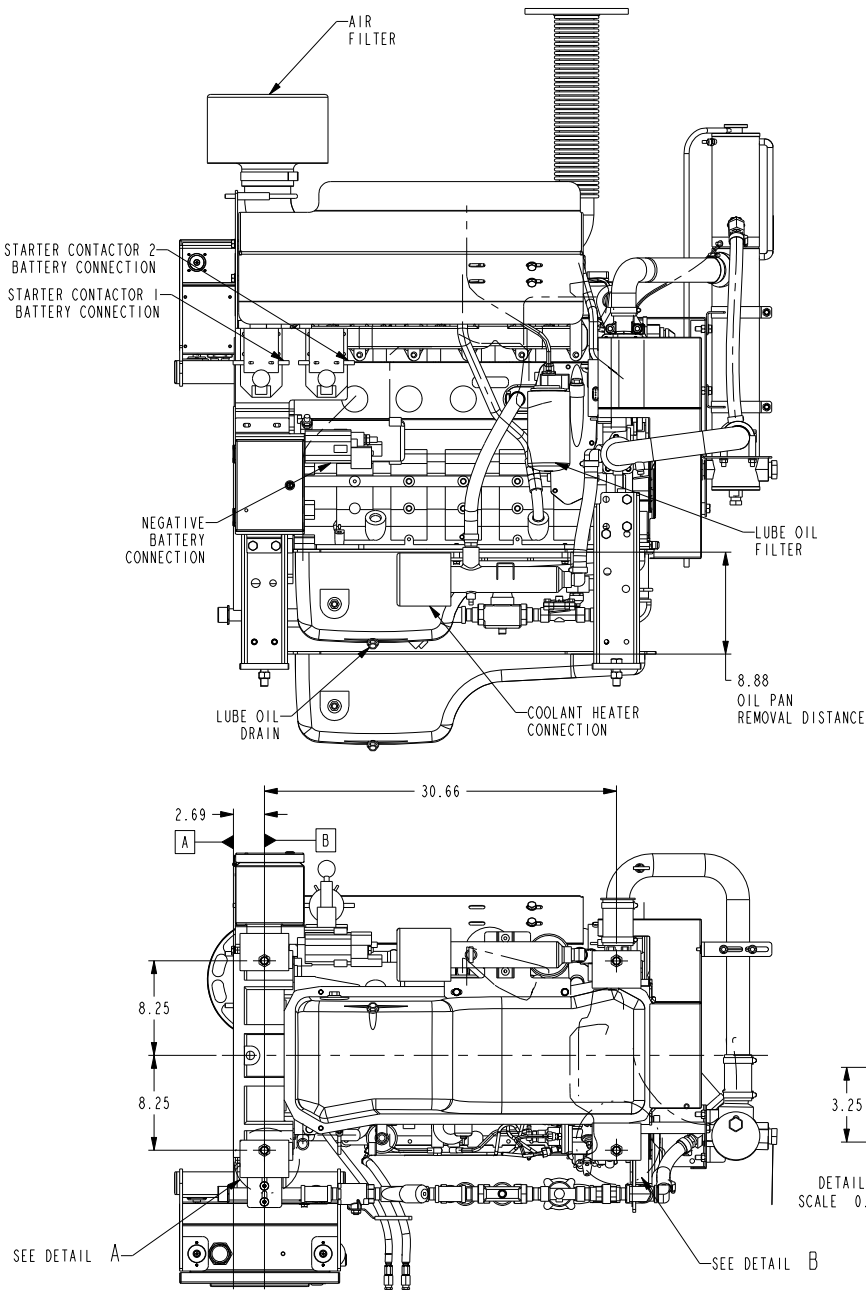


CFP59 CONNECTION INFORMATION	
SAE #3	FLYWHEEL HOUSING
1/4" NPT	FUEL INLET
1/4" NPT	FUEL OUTLET
3/4" NPT	RAW WATER INLET
1" NPT	RAW WATER DISCHARGE
120 / 240 VAC	COOLANT HEATER (1500WATTS)
3" DIA NPT, CUFF, OR FLANGE	EXHAUST CONNECTION

NOTES:
1. ALL PLUMBING MUST BE SUPPORTED AND/OR ISOLATED SO THAT NO WEIGHT OR STRESS IS APPLIED TO ANY ENGINE COMPONENT.
2. REFER TO ENGINE DATA SHEET FOR CUSTOMER CONNECTION RECOMMENDATIONS.
3. DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.

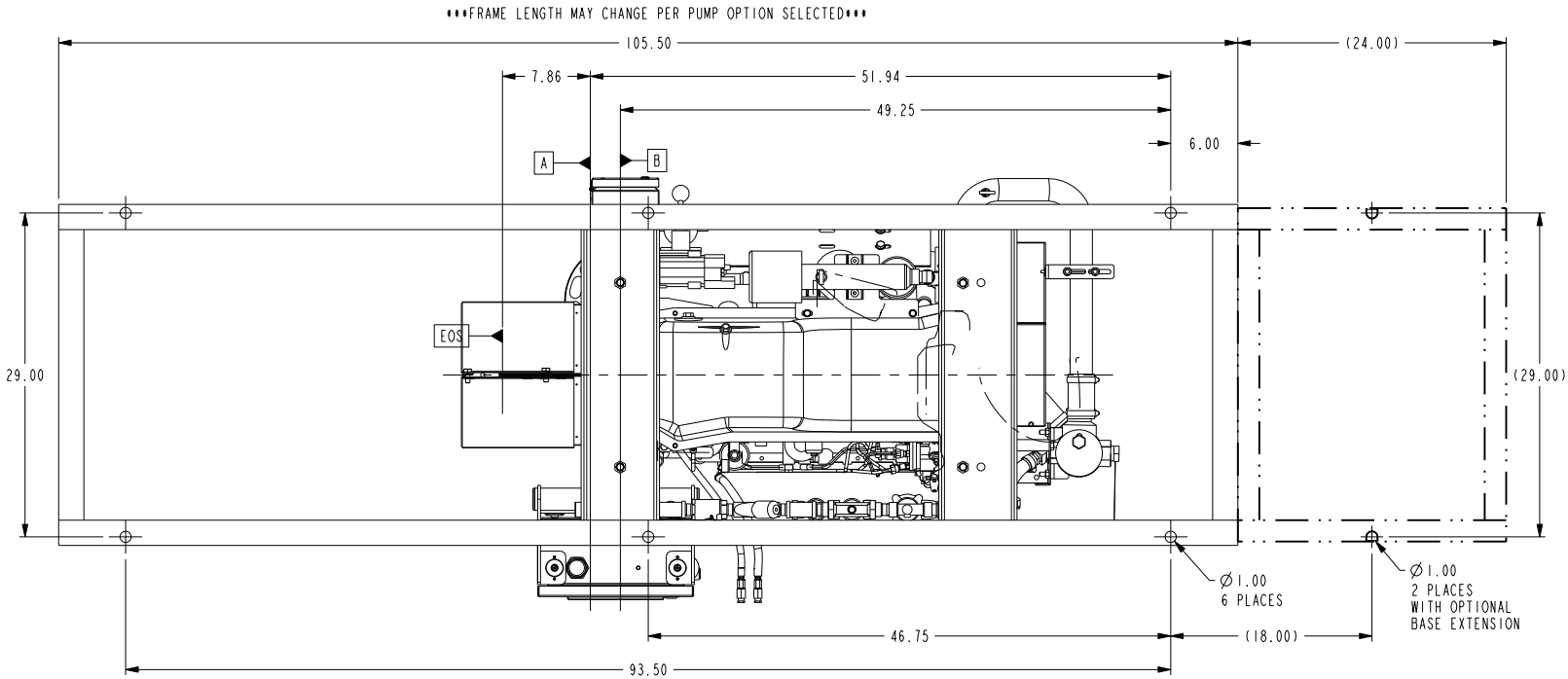
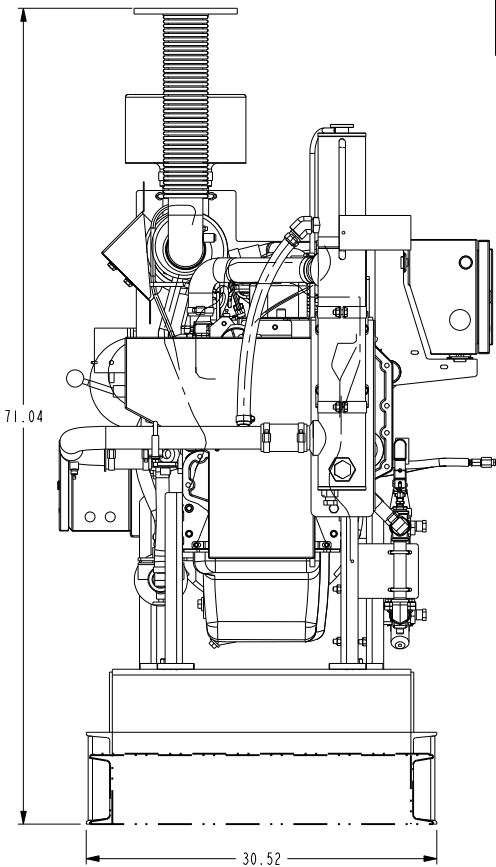
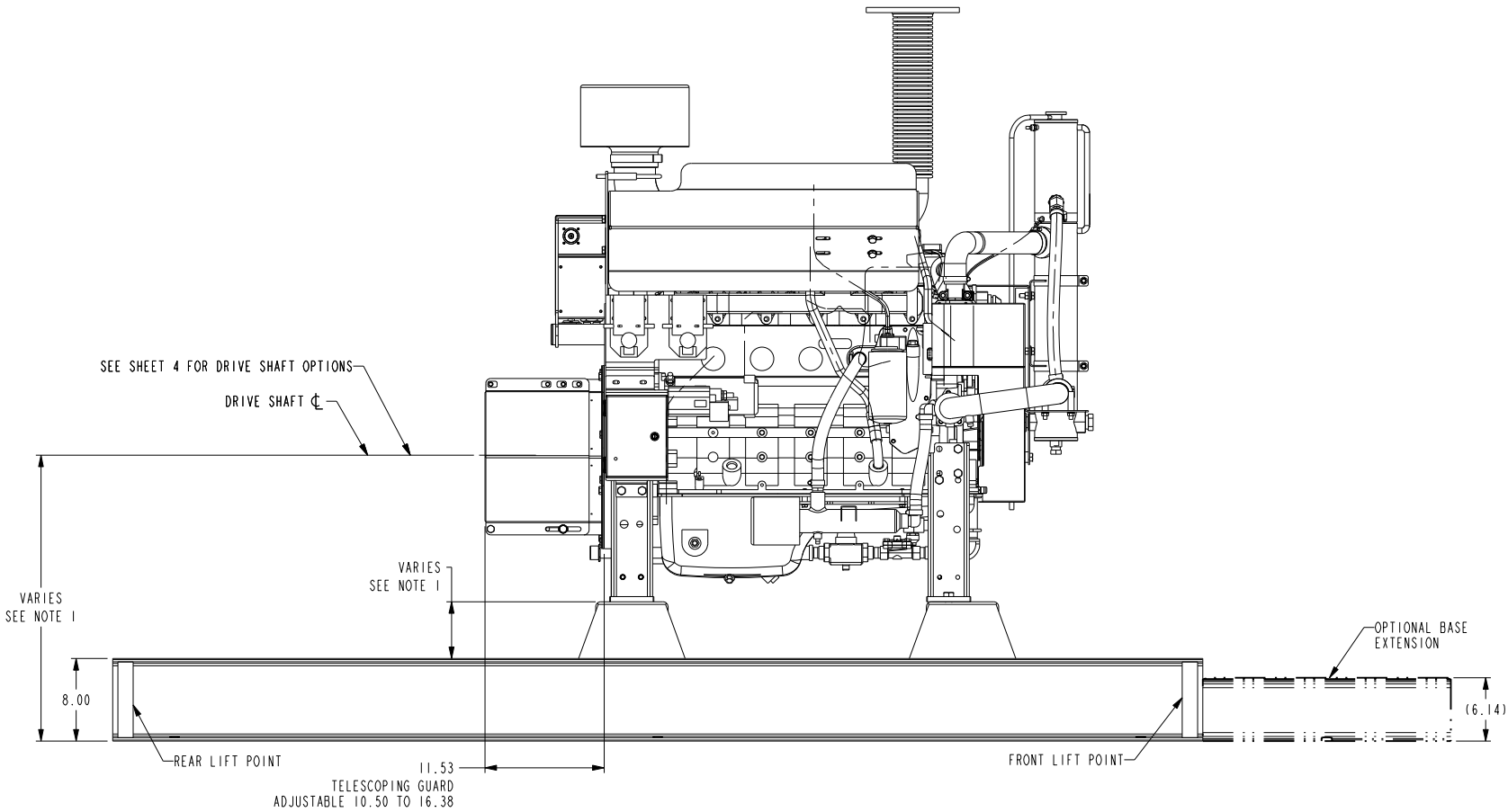


LEGEND AND DATUM IDENTIFIER

SHEET 1	INSTALLATION DRAWING
SHEET 2	GENERAL ARRANGEMENT - HORIZONTAL SPLIT CASE PUMP BASE OPTION
SHEET 3	GENERAL ARRANGEMENT - VERTICAL TURBINE PUMP BASE OPTION
SHEET 4	DRIVE LINE OPTIONS
DATUM "A"	FACE OF FLYWHEEL HOUSING
DATUM "B"	REAR LEG BOLT LOCATION
DATUM "C"	FLYWHEEL MOUNTING SURFACE
DATUM "D"	UJOINT ADAPTER MOUNTING SURFACE
DATUM "EOS"	END OF PUMP SHAFT

REV	ECO	DESCRIPTION OF REVISION	REV BY	DATE	125	UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE: ANGULAR DIMENSIONS: ± 1° SURFACES: FINISH THIRD ANGLE PROJECTION	IMPERIAL UNITS: IN/LB/S METRIC UNITS: MM/KG	GENERAL ARRANGEMENT CFP59-F10/15/20/25/40/50 DWG UNITS: IN/LB/S SCALE: 0.125 EST WEIGHT:	DRAWN BY: PBS PRO-ENGINEER SHEET 1 OF 5	DATE: 25JAN2017 INIT ECO: 2017-057 DRAWING NO: A042J655
-----	-----	-------------------------	--------	------	-----	--	--	--	---	---

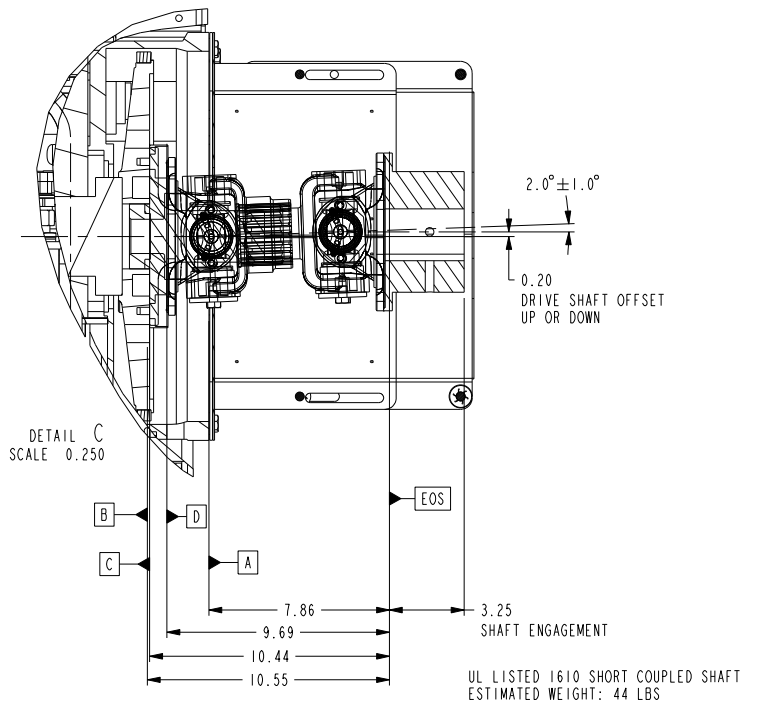
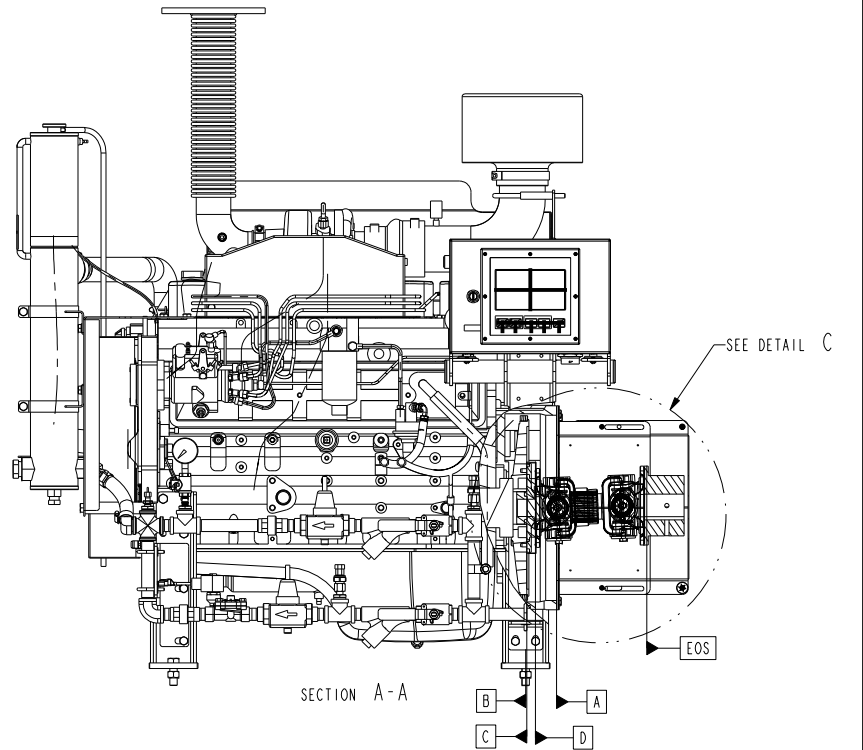
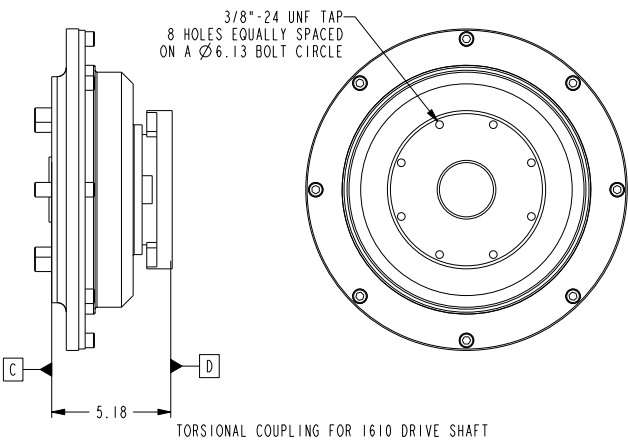
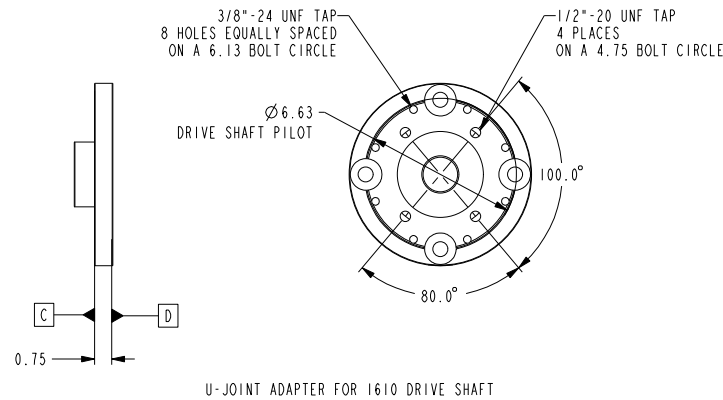
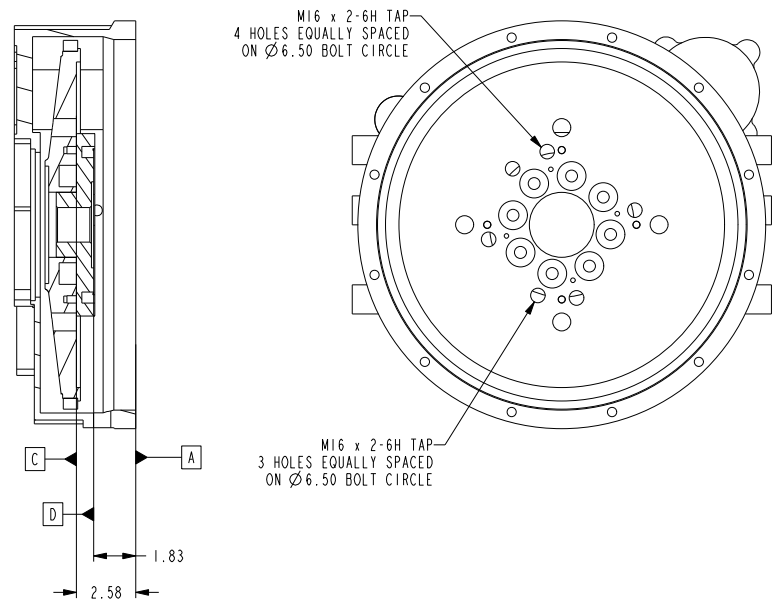
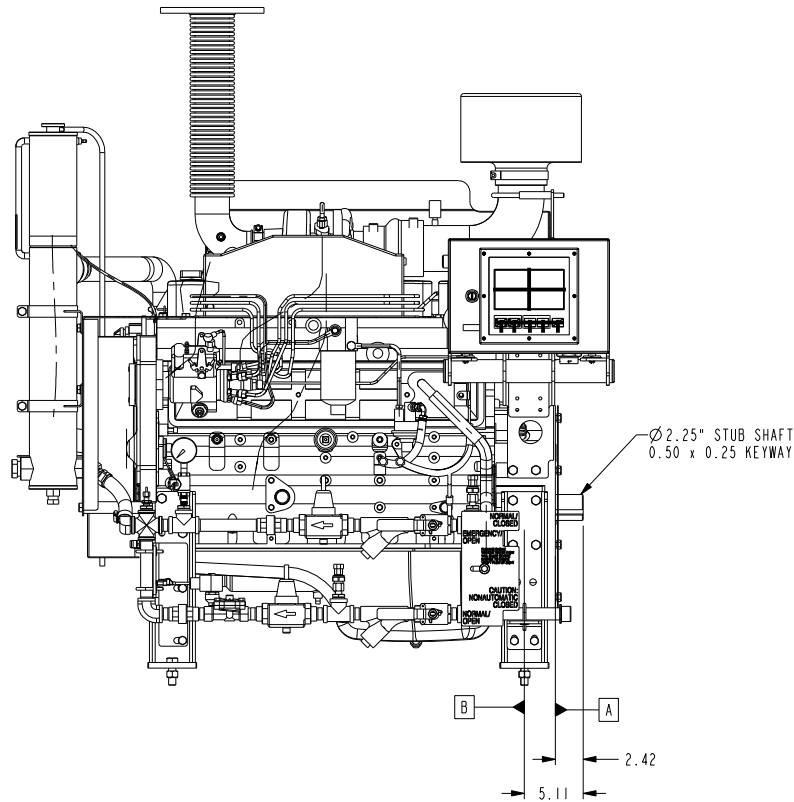
LEGEND AND DATUM IDENTIFIER	
SHEET 1	INSTALLATION DRAWING
SHEET 2	GENERAL ARRANGEMENT - HORIZONTAL SPLIT CASE PUMP BASE OPTION
SHEET 3	GENERAL ARRANGEMENT - VERTICAL TURBINE PUMP BASE OPTION
SHEET 4	DRIVE LINE OPTIONS
DATUM "A"	FACE OF FLYWHEEL HOUSING
DATUM "B"	REAR LEG BOLT LOCATION
DATUM "C"	FLYWHEEL MOUNTING SURFACE
DATUM "D"	UJOINT ADAPTER MOUNTING SURFACE
DATUM "EOS"	END OF PUMP SHAFT



- NOTES:
1. RISER HIEGHT VARIES TO ACCOMODATE CUSTOMER SUPPLIED PUMPS
 2. REFERENCE OWNERS MANUAL FOR DRIVE SHAFT ALIGNMENT SPECS
 3. DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.
 4. REFERENCE SHEET 1 FOR BASE FIREPUMP INTERFACE

This document contains confidential and trade secret information, is the property of Cummins Fire Power LLC and is given in confidence to the recipient. The recipient, by receiving and retaining it, the recipient agrees to maintain its confidentiality and agrees that, except as authorized in writing by Cummins Fire Power, it will not use the document or any part thereof to the detriment of Cummins Fire Power. If the document is not used for the intended purpose, the recipient shall return the document to Cummins Fire Power. If the document is not used for the intended purpose, the recipient shall return the document to Cummins Fire Power. If the document is not used for the intended purpose, the recipient shall return the document to Cummins Fire Power.		Fire Power	CUMMINS FIRE POWER LLC CORPORATE OFFICE 1600 BUEKLE ROAD WHITE BEAR LAKE, MN WWW.CUMMINSFIREPOWER.COM	CUSTOM DESIGN AND OPTIC CENTER 875 LAWRENCE DRIVE DEPERE, WISCONSIN
UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE: ANGULAR DIMENSIONS ± 1° THIRD ANGLE PROJECTION		MACHINED SURFACES ± 0.005 ± 0.010 ± 0.015 ± 0.020 ± 0.030 ± 0.040 ± 0.050 ± 0.060 ± 0.070 ± 0.080 ± 0.090 ± 0.100	IMPERIAL UNITS IN/LB/S	METRIC UNITS MM/KG/S
GENERAL ARRANGEMENT CFP59-F10/15/20/25/40/50		DWG UNITS: IN/LB/S	DRAWN BY: PBS	DATE: 25JAN2017
SCALE: 0.125		EST WEIGHT:	SHEET 2 OF 5	DRAWING NO: A042J655

REV	ECO	DESCRIPTION OF REVISION	REV BY	DATE



LEGEND AND DATUM IDENTIFIER	
SHEET 1	INSTALLATION DRAWING
SHEET 2	GENERAL ARRANGEMENT - HORIZONTAL SPLIT CASE PUMP BASE OPTION
SHEET 3	GENERAL ARRANGEMENT - VERTICAL TURBINE PUMP BASE OPTION
SHEET 4	DRIVE LINE OPTIONS
DATUM "A"	FACE OF FLYWHEEL HOUSING
DATUM "B"	REAR LEG BOLT LOCATION
DATUM "C"	FLYWHEEL MOUNTING SURFACE
DATUM "D"	UJOINT ADAPTER MOUNTING SURFACE
DATUM "EOS"	END OF PUMP SHAFT

ENGINE MODELS	CFP DRIVE SHAFT MATRIX				
	CFP F-RATING WITH MULTIPLE SHAFTS				
	RPM 1470	RPM 1760	RPM 2100	RPM 2350	RPM 2600
CPF59-F10	1610 SHAFT	1610 SHAFT	-	-	-
CPF59-F15	-	-	1610 SHAFT	1610 SHAFT	1610 SHAFT
CPF59-F20	1610 SHAFT	1610 SHAFT	-	-	-
CPF59-F25	-	-	1610 SHAFT	1610 SHAFT	1610 SHAFT
CPF59-F40	1610 SHAFT	1610 SHAFT	-	-	-
CPF59-F50	1610 SHAFT	1610 SHAFT	-	-	-

- NOTES:
1. TORSIONAL ANALYSIS IS REQUIRED FOR VERTICAL TURBINE INSTALLATION
 2. REFERENCE OWNERS MANUAL FOR DRIVE SHAFT ALIGNMENT SPECS
 3. DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.
 4. REFERENCE SHEET 1 FOR BASE FIREPUMP INTERFACE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IT IS THE PROPERTY OF Cummins Fire Power LLC and is loaned to the recipient as indicated. It is to be used only for the purpose intended and is not to be distributed, copied, or otherwise used without the written consent of Cummins Fire Power LLC. If you are not an authorized user, you must not use this information. If you are an authorized user, you must not use this information for any purpose other than the intended use. If you are an authorized user, you must not use this information for any purpose other than the intended use. If you are an authorized user, you must not use this information for any purpose other than the intended use.		Cummins Fire Power LLC CORPORATE OFFICE 1600 BUREAU ROAD WHITE BEAR LAKE, MN WWW.CUMMINSFIREPOWER.COM		CUSTOM DESIGN AND DRAFT CENTER 875 LAWRENCE DRIVE DEPERE, WISCONSIN
UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE: ANGULAR DIMENSIONS ± 1° THIRD ANGLE PROJECTION		GENERAL ARRANGEMENT CFP59-F10/15/20/25/40/50 DWG UNITS: IN/LB/S SCALE: 0.125 EST WEIGHT:		DATE: 25JAN2017 INIT ECO: 2017-057 SHEET 4 OF 5 DRAWING NO: A042J655

REV	ECO	DESCRIPTION OF REVISION	REV BY	DATE
1	ECO	125		



- | | | | | | | | |
|---|--|---|--|--|--|--|--|
| <p><small>THIS DOCUMENT CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IT IS THE PROPERTY OF FIRE POWER LLC AND IS LOANED TO YOUR COMPANY FOR USE ONLY ON THE PROJECT SPECIFICALLY IDENTIFIED IN THIS ORDER. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FIRE POWER LLC.</small></p> | |  Fire Power | | CUMMINS FIRE POWER LLC
CORPORATE OFFICE
10000 WISCONSIN AVE.
MILWAUKEE, WI 53217-1000
WWW.CUMMINSFIREPOWER.COM | | CUSTOM DESIGNER:
ANDY SPETER
325 LAMAR AVENUE
DEPERE, WISCONSIN | |
| <p align="center">GENERAL ARRANGEMENT</p> | | | | | | | |
| <p align="center">CPFS9-10/15/20/25/40/50</p> | | | | | | | |
| DWG UNITS: | | DRAWN BY: PDS | | DATE: 25JAN2017 | | | |
| 1/8" = 1'-0" | | PRO-ENGINEER | | REV: N/A | | PROJ. NO.: 2017-05T | |
| SCALE: 0.188 | | SHEET | | DRAINAGE NO. | | | |
| EST WEIGHT: 42238.62 LB | | 5 OF 5 | | A042J655 | | | |