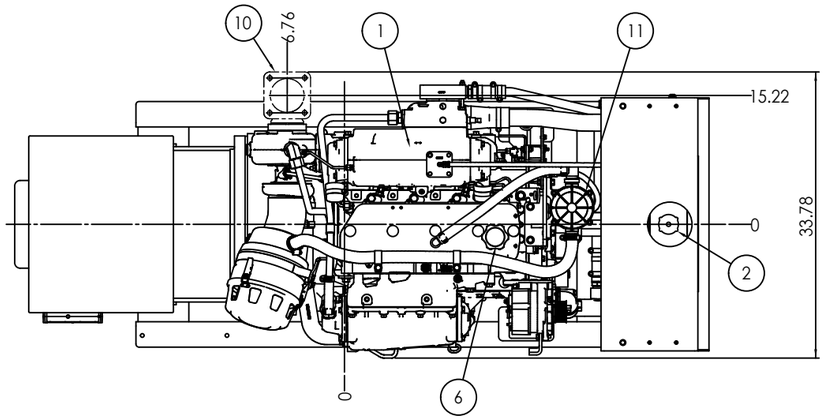
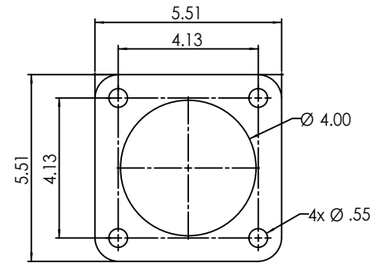
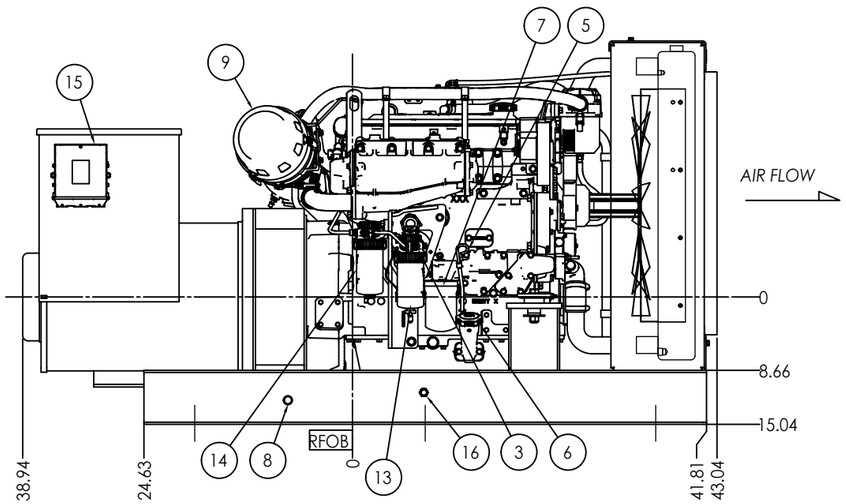
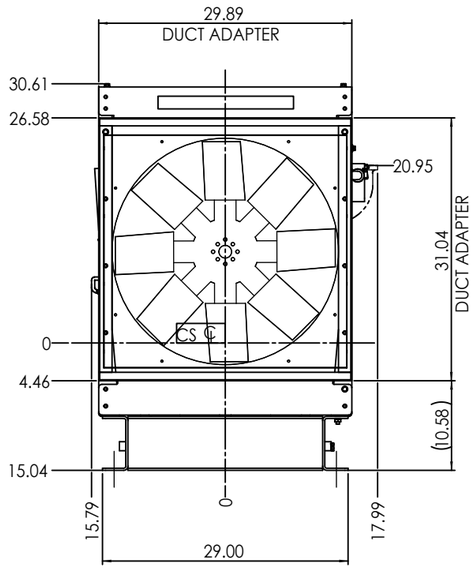


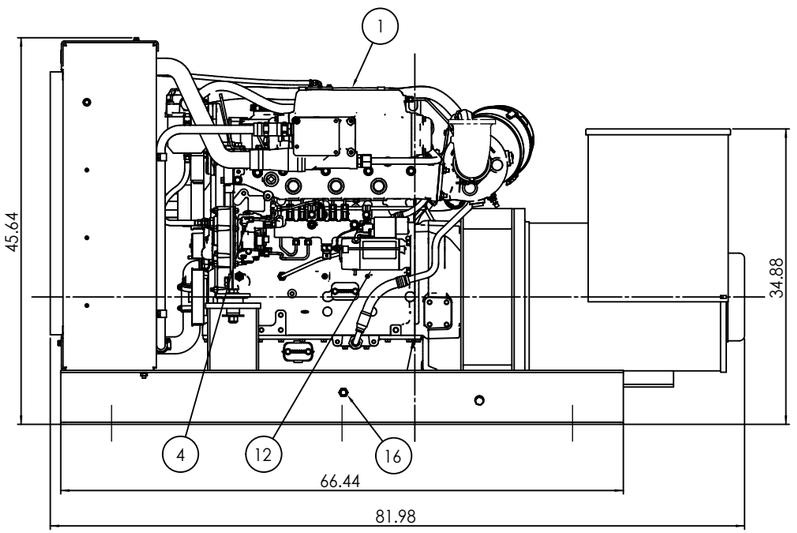


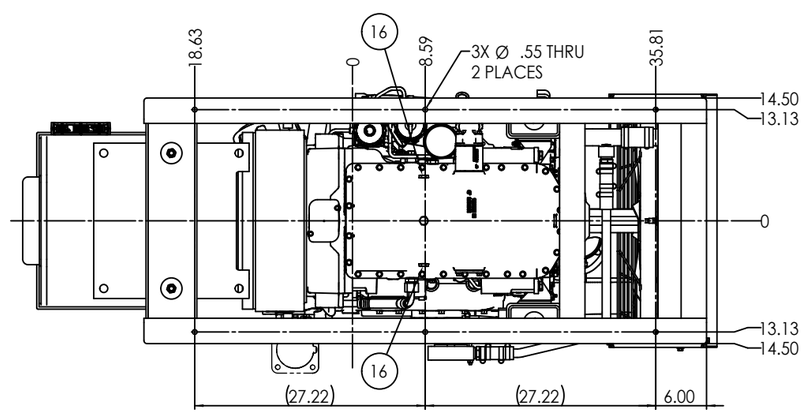
OPTIONAL DRY EXHAUST ELBOW DETAIL
SCALE 1:2

ITEM	DESCRIPTION
1	EXPANSION TANK / COOLED EXHAUST MANIFOLD
2	COOLANT FILL
3	FUEL INLET - Ø 3/8 HB
4	FUEL RETURN - 1/2 - 24 UNS 2B
5	CRANKCASE OIL DIPSTICK
6	CRANKCASE OIL FILLER
7	CRANKCASE OIL FILTER
8	OPTIONAL ENGINE OIL DRAIN - 1/2 NPT
9	AIR INLET FILTER
10	OPTIONAL DRY EXHAUST ELBOW - SEE DETAIL
11	CLOSED CRANKCASE VENTILATION SYSTEM
12	ELECTRIC STARTER
13	PRIMARY FUEL FILTER
14	FINAL FUEL FILTER
15	ENGINE CONTROL UNIT
16	OIL PAN DRAIN PLUG - M18 x 1.5 (ISO 6149 PORT)









ESTIMATED WEIGHT: 2,870 LBS (W/OIL, NO COOLANT)

THE DIMENSIONS ON THIS DRAWING ARE SUBJECT TO CHANGE. PLEASE CONTACT NLI TO BE SURE YOU HAVE THE MOST CURRENT REVISION.

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: MACH ± 0.5° BEND ± 1.0°
X ± 0.1
.XX ± 0.06
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M
MATERIAL
FINISH
DO NOT SCALE

	NAME	DATE
DRAWN	MG	09/14/16
CHECKED	TAH	09/29/16
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

NORTHERN LIGHTS
4420 14th AVE. N.W.
Seattle, WA 98107
(206) 789-3880
www. northern-lights.com

TITLE: INSTALLATION DIMENSIONS
M90C13R.2S

SIZE	PART NO.	DWG. NO.	REV
D		D-4976	

SCALE: 1:8 | WEIGHT: LBS. | SHEET 1 OF 1

REV
D
D-4976