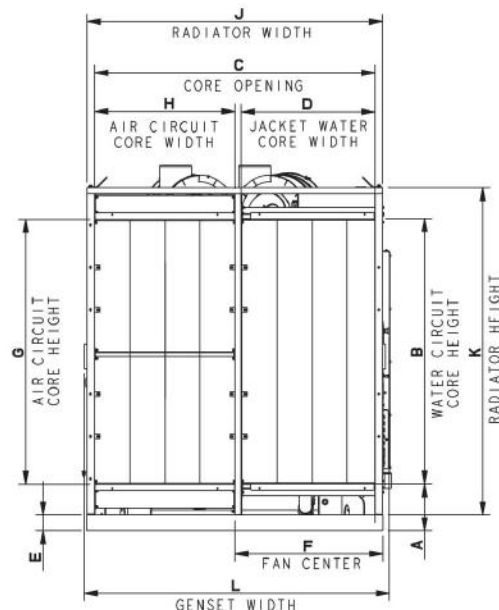


KD800, KD900, KD1000  
KD27V12

MODEL	ALT.	GENSET MAXIMUM WEIGHT (WET)	(HORIZONTAL CG) (WET)	VERTICAL CG (WET)	GENSET LENGTH
KD800	KH02970T04D	6916 Kg [15248 LBS]	2185 [86]	822 [32.3]	4181 [164.6]
KD800/900	KH03450T04D	7155 Kg [15773 LBS]	2225 [87.6]	821 [32.3]	4181 [164.6]
KD800/900/1000	KH04070T04D	7457 Kg [16440 LBS]	2277 [89.6]	819 [32.2]	4181 [164.6]
KD900/1000	KH04830T04D	7770 Kg [17131 LBS]	2340 [92.1]	818 [32.1]	4181 [164.6]
KD1000	KH05520T04D	8083 Kg [17821 LBS]	2391 [94.1]	816 [32.1]	4224 [166.3]

\* KH05520T04D ALTERNATOR EXTENDS PAST SKID

RADIATOR DIMENSIONS											
MODEL	RADIATOR	A	B	C	D	E	F	G	H	J	L
KD800 50Hz FUEL OPT	6 CORE	400 [15.7]	1587 [62.5]	1394 [54.8]	674 [26.5]	194 [7.6]	747 [29.4]	1487 [58.5]	674 [26.5]	1494 [58.8]	1924 [75.7]
KD900/1000 50Hz FUEL OPT	7 CORE	305 [12.0]	1687 [66.4]	1618 [63.7]	899 [35.4]	100 [3.9]	859 [33.8]	1587 [62.5]	674 [26.5]	1718 [67.6]	2099 [82.6]
KD800/900 60 Hz		400 [15.7]	1587 [62.5]	1618 [63.7]	674 [26.5]	100 [3.9]	859 [33.8]	1487 [58.5]	899 [35.4]	1718 [67.6]	2125 [83.6]
KD1000 60 Hz	8 CORE	306 [12.0]	1687 [66.4]	1844 [72.6]	899 [35.4]	100 [3.9]	948 [37.3]	1687 [66.4]	899 [35.4]	1896 [74.6]	2100 [82.6]



- NOTES:
- 1) DIMENSIONS IN [ ] ARE ENGLISH EQUIVALENTS.
  - 2) IF AN ENCLOSURE IS USED THE FUEL LINE MUST BE STUBBED UP FROM DIRECTLY UNDER THE UNIT. REFER TO ENCLOSURE ADV.
  - 3) IF IBC OR OSHPD CERTIFICATION IS REQUIRED SEE SEISMIC ADV FOR INSTALLATION INSTRUCTIONS.
  - 4) IF SUBBASE FUEL TANK AND/OR ENCLOSURE IS USED. REFER TO SUBBASE FUEL TANK/ENCLOSURE ADV TO DETERMINE MOUNTING LOCATION.

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE:
1	9-8-16	NEW DRAWING [CT153208]	SSS	± .25 mm
				± .1 mm
				ANGLES B
				SURFACE FINISH
				MAX.
				TOLERABLE PRODUCTION
				APPROVALS
				DATE
				SCALE 0.06 CHD NO.
				CHECKED DJV 9-8-16
				APPROVED BMR 9-8-16

**KOHLER CO. METRIC PRO-E**

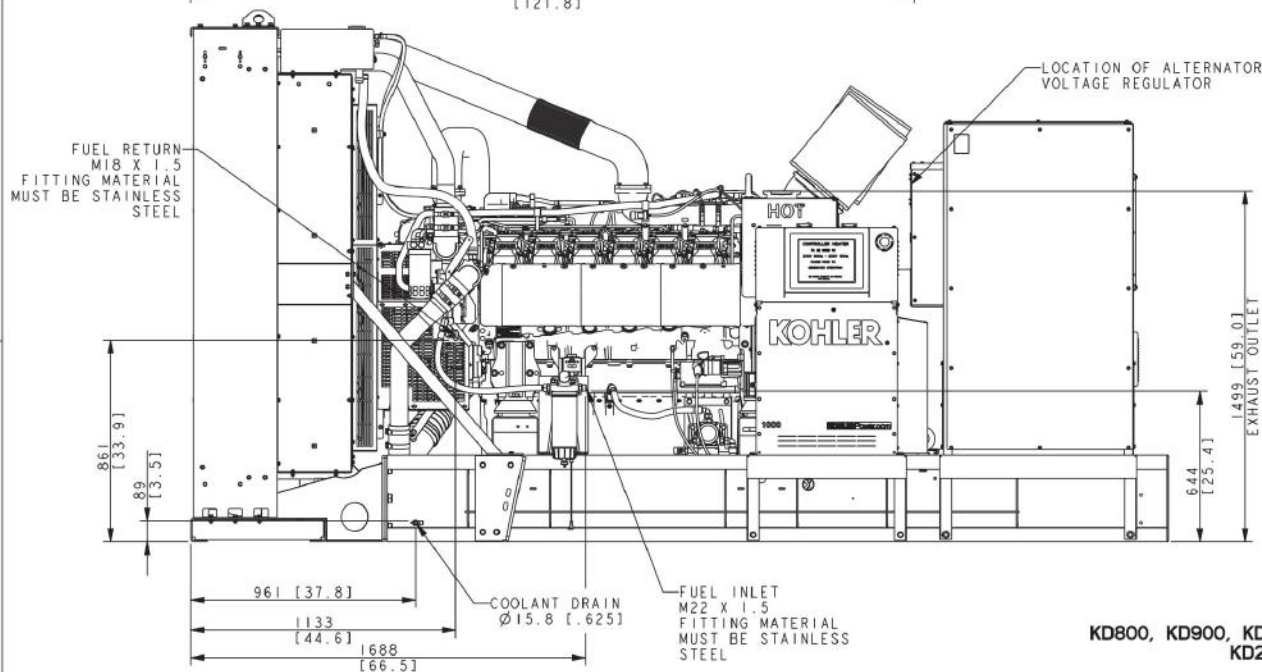
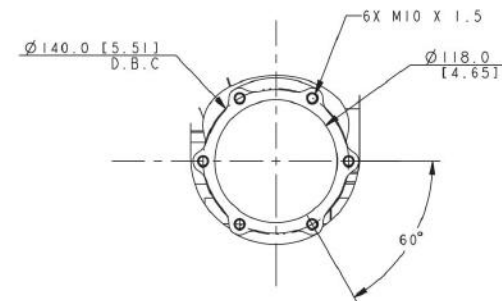
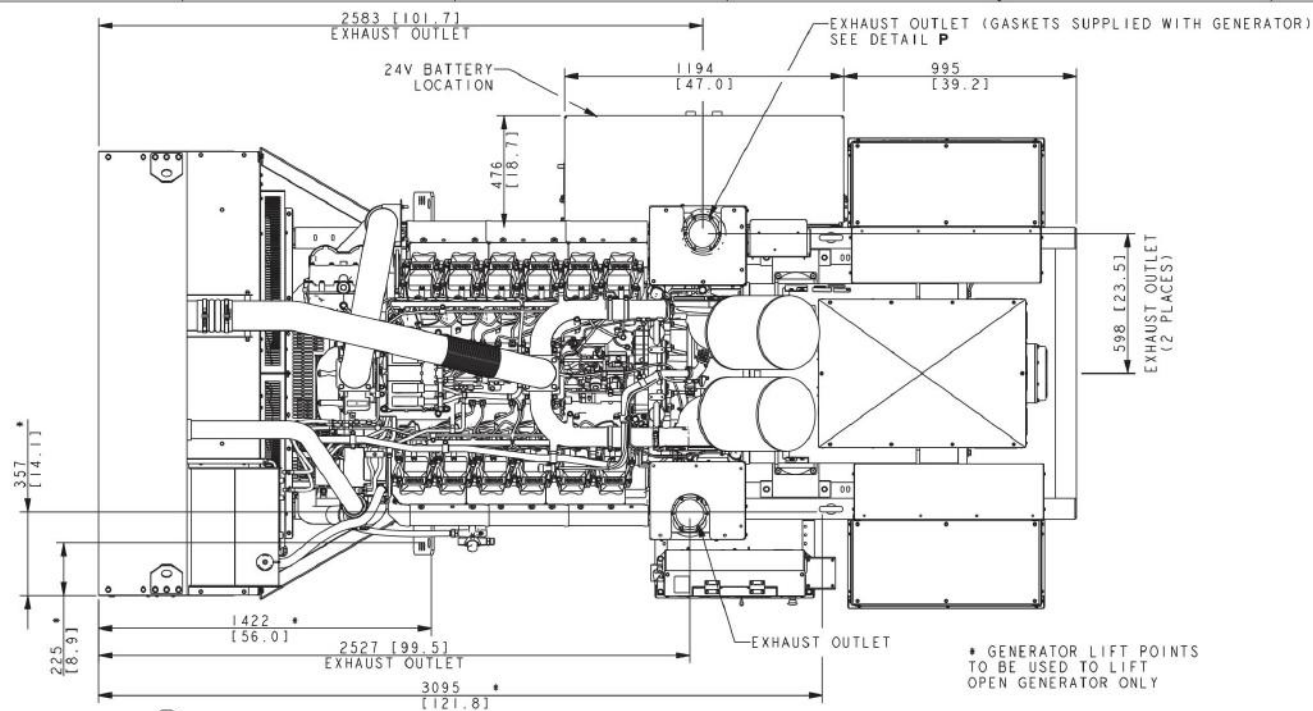
POWER SYSTEMS, KOHLER, WI 53044 U.S.A.

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**DIMENSION PRINT, KD800-1000**

ADV-8868

SHEET 1 of 5



KD800, KD900, KD1000  
KD27V12

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE: 3) ANGLES IN DEGREES	DATE	APPROVALS	DATE	SCALE	CHG NO.	SHEET	OF
1	9-8-16	NEW DRAWING [CT153208]	SSS	MAX.	9-8-16	SSS	9-8-16	0.09		2	1
						DJV	9-8-16				
						BMK	9-8-16				

**KOHLER CO.** [METRIC] PRO-E  
POWER SYSTEMS, KOHLER, WI 53044 U.S.A.  
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**DIMENSION PRINT, KD800-1000**  
ADV-8868  
D



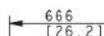
BLOCK HEATER  
(RIGHT SIDE GENSET)



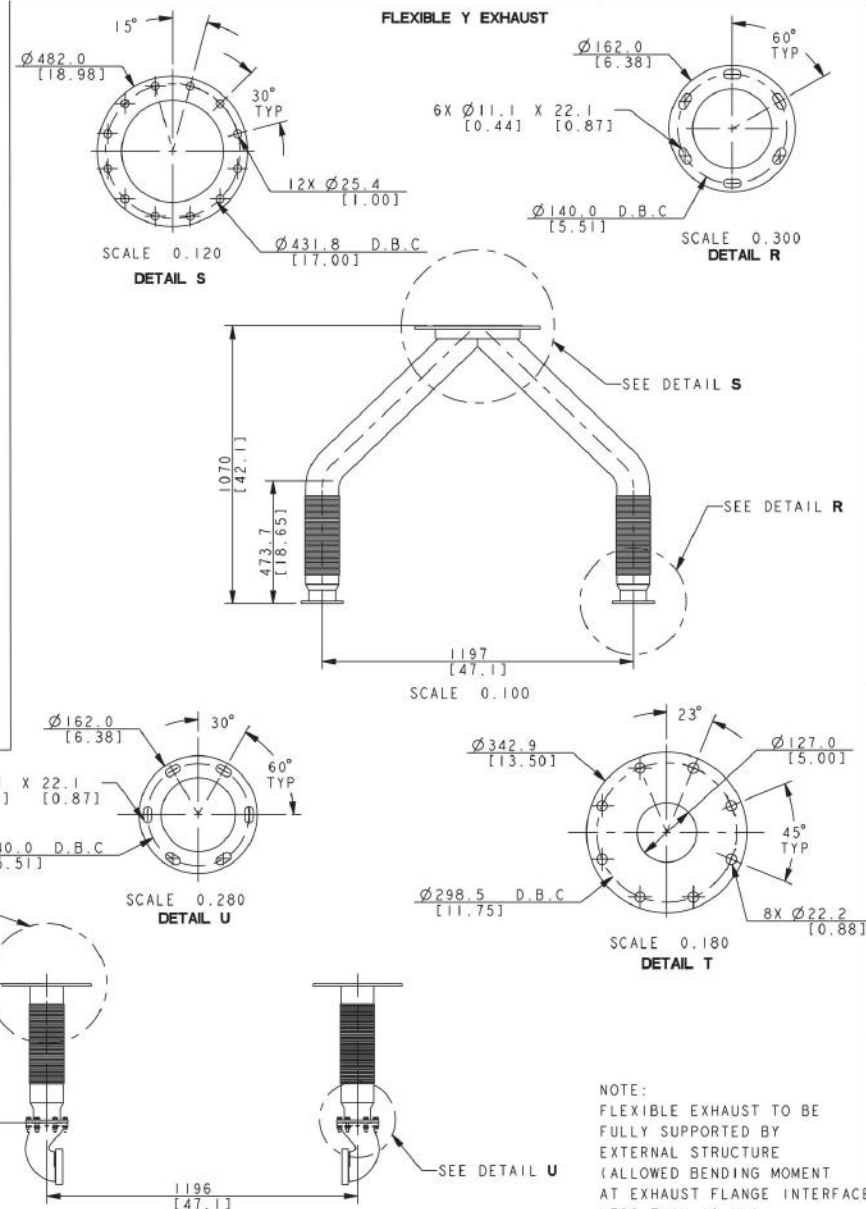
**BATTERY CHARGER  
(RIGHT SIDE GENSET)**



STANDARD DUTY AIR CLEANER  
(RIGHT SIDE GENSET)



KD800, KD900, KD1000  
KD27V12



NOTE:  
FLEXIBLE EXHAUST TO BE  
FULLY SUPPORTED BY  
EXTERNAL STRUCTURE  
(ALLOWED BENDING MOMENT  
AT EXHAUST FLANGE INTERFACE  
LESS THAN 19 Nm)

**KOHLER CO.** METRIC PRO-E  
POWER SYSTEMS, KOHLER, WI 53044 U.S.A.  
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**TITLE**  
**DIMENSION PRINT, KD800-1000**

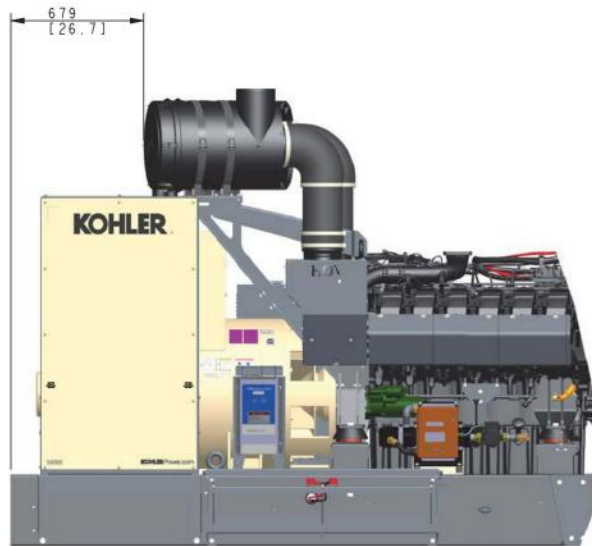
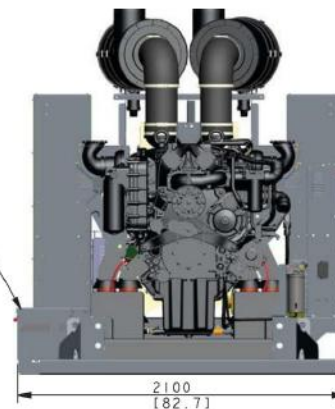
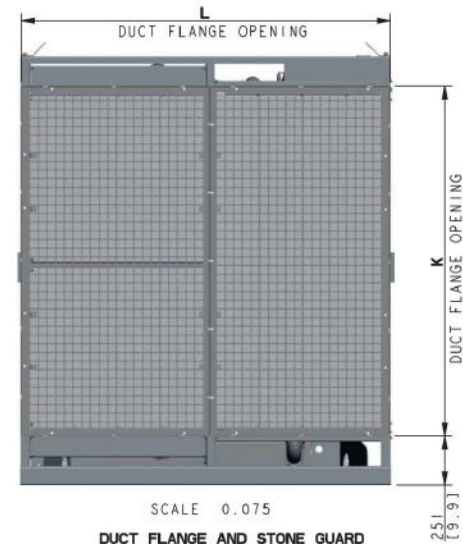
ADV-8868

3	0
1	0

[illegible]

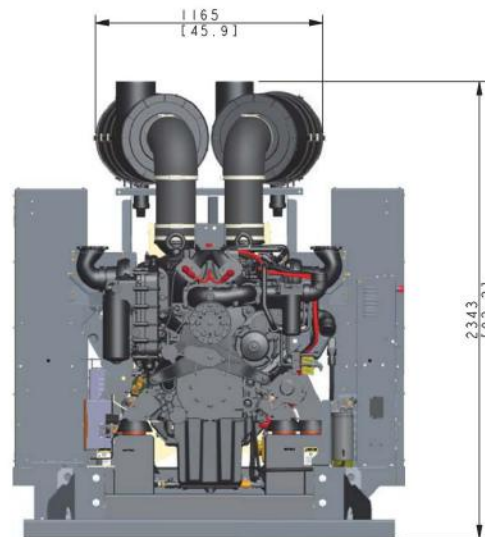


DUCT FLANGE DIMENSIONS			
MODEL	RADIATOR	M	N
KD800 50Hz FUEL OPT	6 CORE	1685 [66.3]	1492 [58.7]
KD900/1000 50Hz FUEL OPT		1796 [70.7]	1718 [67.6]
KD800/900 60 Hz	7 CORE	1685 [66.3]	1716 [67.5]
KD1000 60 Hz		1796 [70.7]	1895 [74.6]



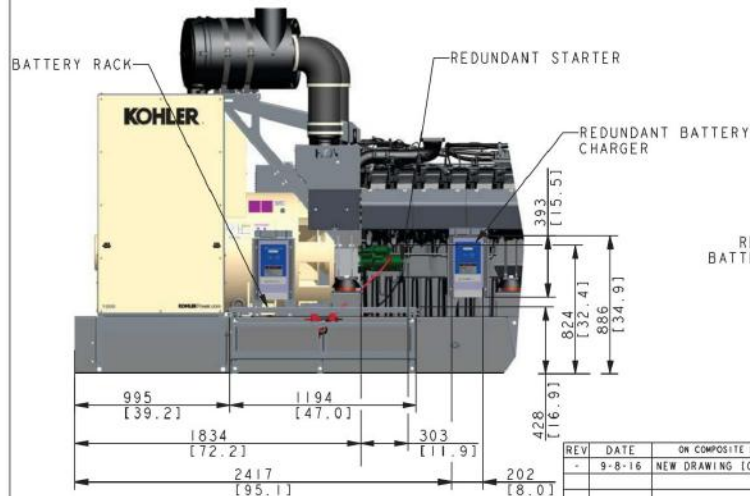
SCALE 0.075  
(RIGHT SIDE GENSET)

HEAVY DUTY AIR CLEANER

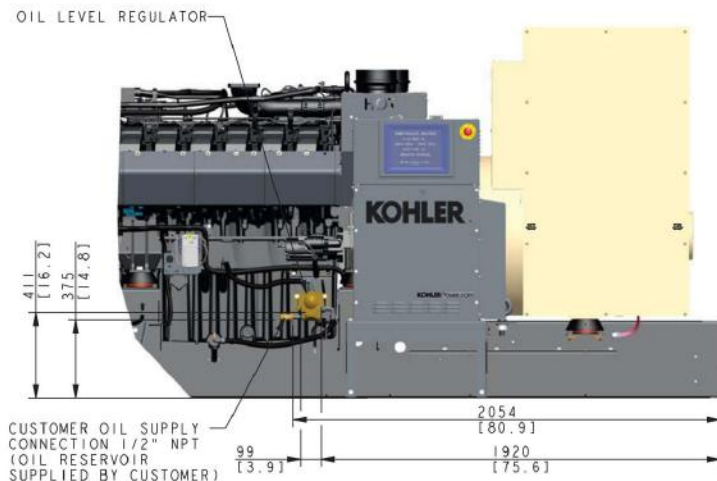


SCALE 0.075

REDUNDANT STARTER, BATTERY RACK & CHARGER  
(RIGHT SIDE GENSET)



KD800, KD900, KD1000  
KD27V12



SCALE 0.080  
AUTOMATIC OIL REPLENISHMENT  
SYSTEM  
(LEFT SIDE GENSET)

NOTE:  
LEFT SIDE SKID MEMBER HIDDEN TO SHOW  
CONNECTION FROM OIL LEVEL REGULATOR TO OIL SUMP.

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE: 3.0 ± .3 ANGLES B	DATE	TITLE
1	9-8-16	NEW DRAWING [CT153208]	SSS		9-8-16	POWER SYSTEMS, KOHLER, WI 53044 U.S.A.
						THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
						ADV-8868
						D

Technical drawing of the Kohler 1000 generator showing dimensions in inches and millimeters:

- Top width: 148 [3.8]
- Top width: 815 [32.1]
- Right height: 282 [11.1]
- Left height: 535 [21.1]
- Left height: 978 [38.5]
- Bottom width: 963 [37.9]
- Bottom width: 366 [14.4]

Technical drawing of the KOHLER engine assembly. The drawing shows the engine mounted within a frame. Key dimensions are indicated:

- FAN Ø**: Fan diameter, with a value of 993 [39.1].
- 625 [24.6]**: A horizontal dimension, likely the width of the engine or a mounting bracket.

The engine itself is yellow and features the **KOHLER** logo. It has a circular fan at the front and various pipes and hoses connected to it. The entire assembly is shown within a grey frame structure.

REV	DATE	ON COMPOSITE DWG. SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1. DIMENSIONS ARE IN MILLIMETERS 2. TOLERANCES ARE		<b>KOHLER CO.</b> METRIC PRO-E POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
-	9-8-16	NEW DRAWING [CT15320B]	SSS			
APPROVALS			DATE		TITLE <b>DIMENSION PRINT, KD800-1000</b> SCALE 0.06 CAD NO. SHEET 5 of 5	
SSS			9-8-16			
CHECKED DJV			9-8-16			
APPROVED BMK			9-8-16			
					Dwg. No. <b>ADV-8868</b>	