NOTES

1. EQUIPMENT TO REDUCE NOISE LEVEL FROM 2–OFF PERKINS 4016TAG2A POWERED GENERATOR SETS TO A LEVEL OF 65 dBA AT 1–METRE DISTANCE IN FREE FIELD CONDITIONS. GENERATOR DIMENSIONS TO DRAWING REF:MSK5426 REV: 0.1

2. COOLING AIR ATTENUATORS SIZED TO PROVIDE 29.4M³/S AT 250Pa AVAILABLE PRESSURE BASED UPON FG WILSON RADIATOR DATA.

SECONDARY INLET AND OUTLET ATTENUATORS SUPPLIED IN MODULES

3. CONSTRUCTION.

ENCLOSURE SUPPLIED AS PENTAPOST CONSTRUCTION FULLY DEMOUNTABLE FOR SITE ASSEMBLY.

ACOUSTIC BUNDED BASE SUPPLIED IN 4–SECTIONS FOR WELDING ON SITE TO MAINTAIN THE INTEGRITY OF THE BUND. BUND DEPTH 50 MM.
BUNDED FLOORS TO BE ARC WELDED.

END MOUNTED INLET ATTENUATOR SUPPLIED IN 3–SECTIONS AND SUPPORTED ON 3–SEPARATE STANDS WITH ADJUSTABLE JACKING POINTS.

END MOUNTED OUTLET ATTENUATOR SUPPLIED IN 3–SECTIONS.

12mm NEOPRENE BONDED CORK ISOLATION (TICO) PAD INSERTED BETWEEN ACOUSTIC BASEFRAMES, INLET ATTENUATOR SUPPORT FRAMES, OUTLET ATTENUATOR AND INTERFACE WITH FLOOR/STRUCTURAL STEELWORK AT ALL POINTS OF CONTACT.

SECONDARY INLET AND OUTLET ATTENUATORS SUPPLIED IN MODULES WITH SUPPORT FRAMES AND ADJUSTABLE FEET.

OUTLET FLUE DILUTION PLENUM TO BE LINED WITH DURASTEEL THERMAL CLADDING.

EXTERNAL WEATHER LOUVRES BY OTHERS.

2–OFF EXHAUST GAS SILENCERS SYSTEMS WITH CATALYTIC CONVERTER SUPPLIED IN HIGH TEMPERATURE ALUMINIUM PAINT FINISH. THERMAL LAGGING BY OTHERS.

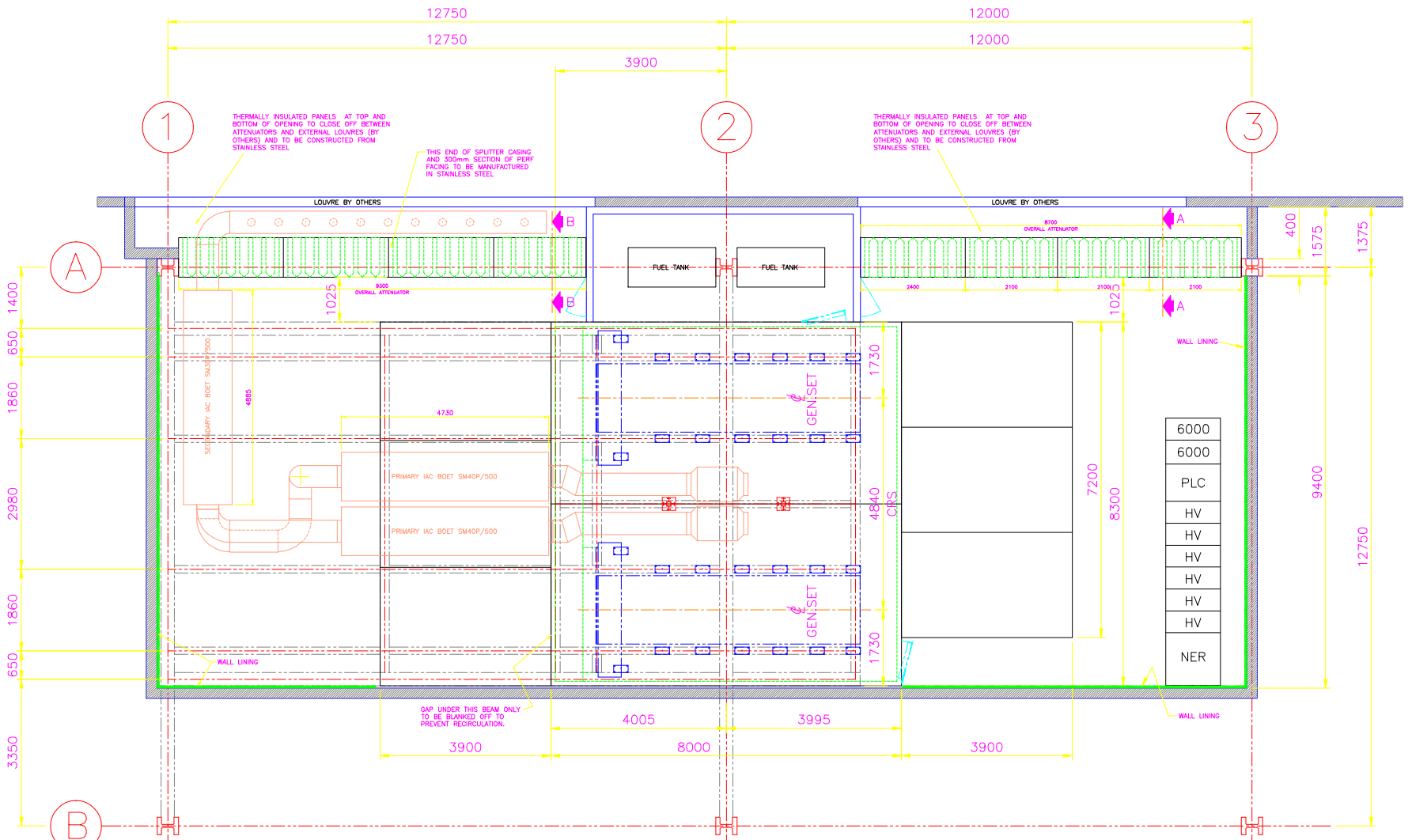
4. FINISH.

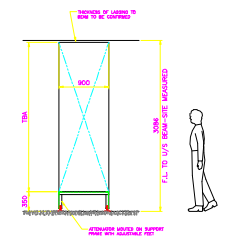
ENCLOSURE AND ATTENUATORS SUPPLIED IN PRIMER PAINT FINISH ONLY.

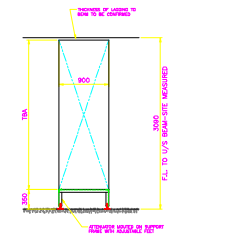
FLOOR PAINTED WITH 2–PACK POLYURETHANE GLOSS BLACK.

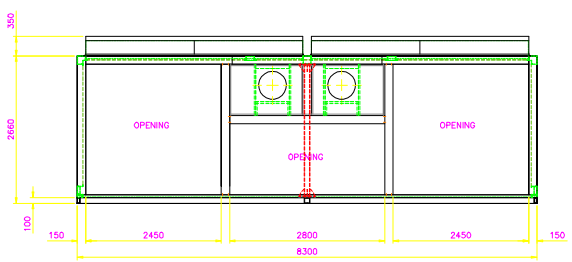
5. ACOUSTIC LINING:

ROOF: 75mm RW3 WTF+ONE LAYER 12mm PLASTERBOARD.
WALLS: 100mm RW3 WTF+ONE LAYER 12mm PLASTERBOARD.
BASE: 4.5 O/P DURBAR, 100mm S200+ONE LAYER 12mm PLASTERBOARD & 3.0mm STEEL SKIN.

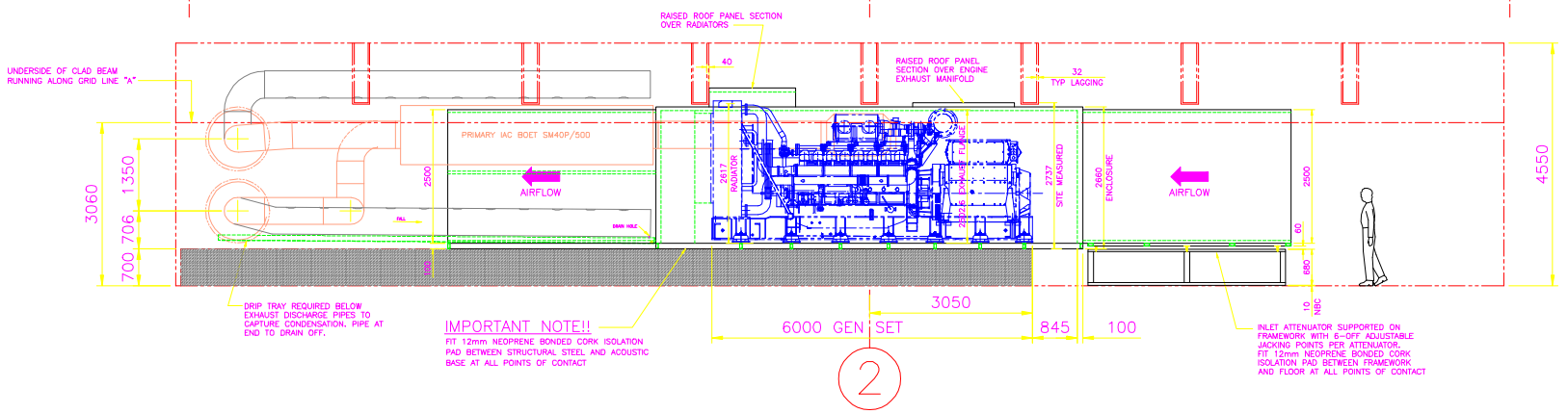


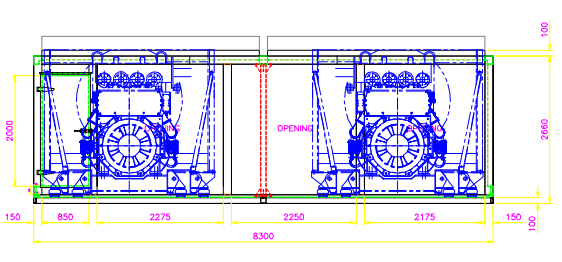






VIEW ON OUTLET END WITH ATTENUATORS REMOVED





VIEW ON INLET END WITH ATTENUATORS REMOVED

POWERPLUS POWERPLUS ENGINEERING LTD. SCHOOL ROAD, LANGHAM, COLCHESTER ESSEX CO4 5PB, TEL: 01206 271266 FAX: 01206 271208 WEB: WWW.POWERPLUSENG.CO.UK	A1 THIRD ANGLE PROJECTION IF IN DOUBT ASK	THIS DRAWING IS COPYRIGHT AND MAY NOT BE PUBLISHED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF THE COMPANY	H: G: F: E: D: C: 06.06.06. Mods after site visit. B: ISSUE: DATE: DESCRIPTION OF CHANGES

CUSTOMER: BELLS CONTROL	DRAWN BY: KCM	DATE: 26.01.06	SHEET: 1 OF 5
TITLE: MOORHOUSE PROJECT GENERAL ARRANGEMENT	DRAWING NUMBER: 102481–1		ISSUE: C