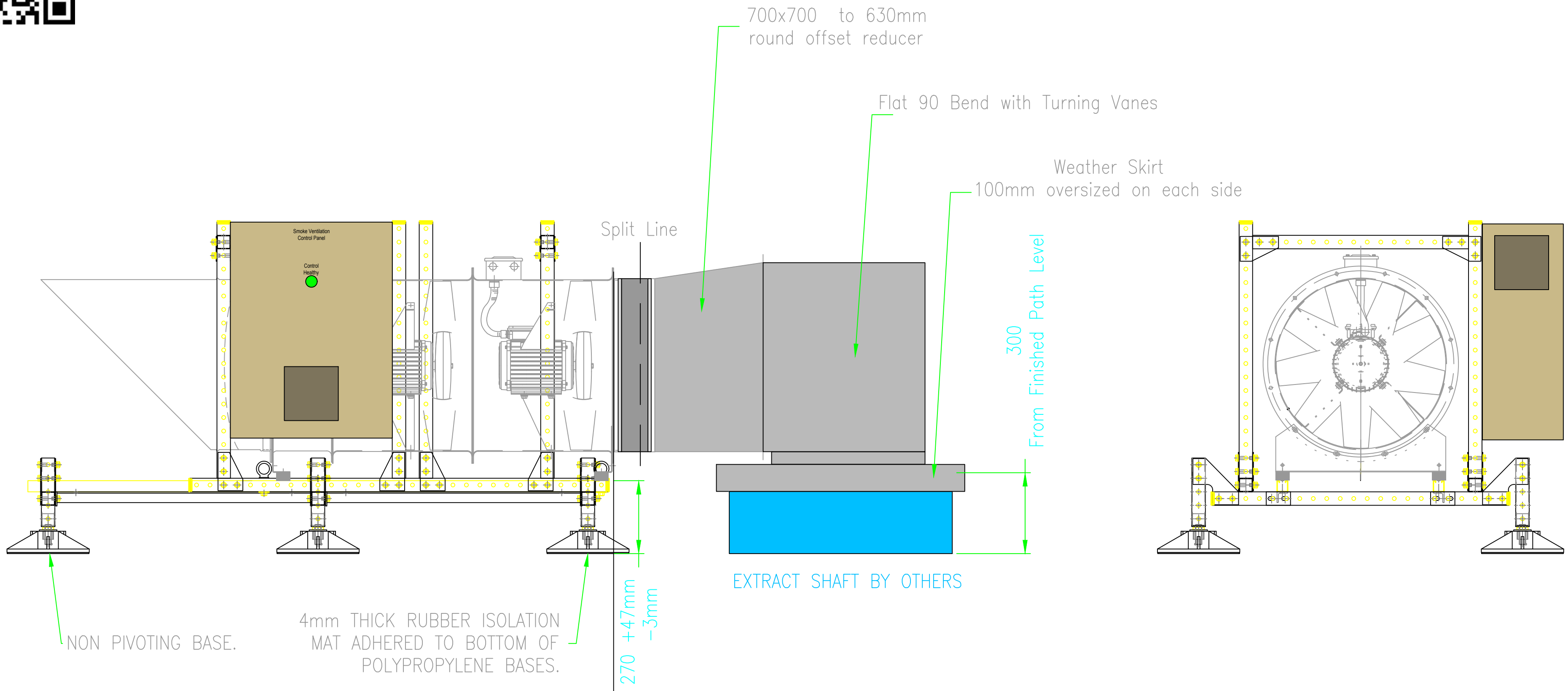
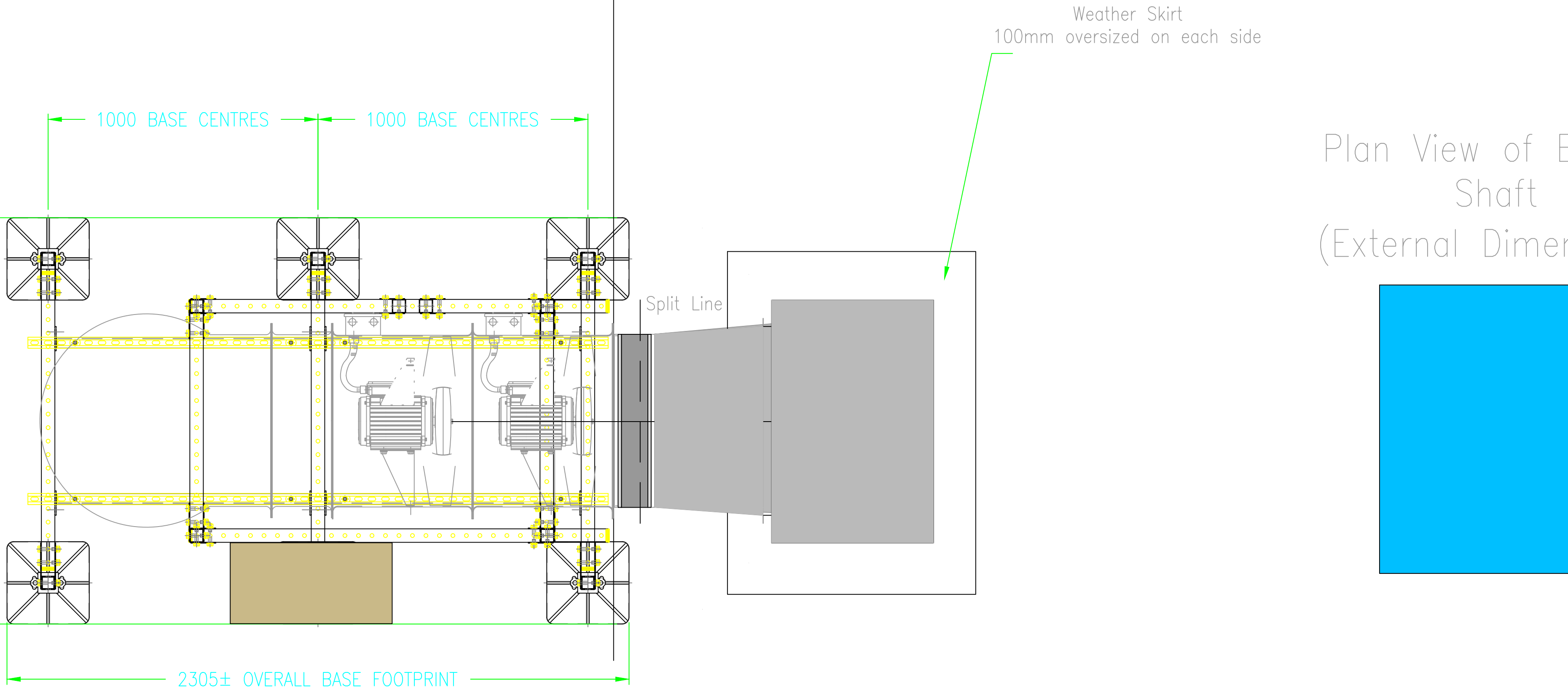
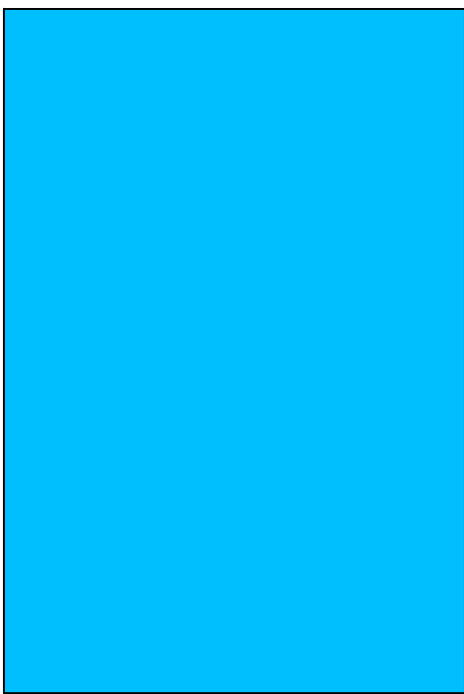




EXTRACT FAN ASSEMBLY WEIGHTS
FANS: – 100kg EACH x 2 No
B1D SILENCER: – 35kg
AIR OPERATED DAMPER: – 40kg
BIRD BEAK COWL: – 25kg
FAN CONTROL PANEL: – 40KG
TOTAL 340kg + 35kg SILENCER
SUPPORT FRAME WEIGHT = 106kg
TOTAL WEIGHT = 481kg (4.72kN)
AREA ENCLOSED BY BASES =
2.305m x 1.505m = 3.5m²
GLOBAL LOAD = 4.72kN/3.5m² =
1.35kN/m².
LOAD REACTION PER BASE = 0.79kN



Plan View of Extract Shaft
(External Dimensions)



- (S) Smoke Detector
- (H) Heat Detector
- (S) Smoke / Beacon Detector
- (H) Heat / Beacon Detector
- (S) Smoke / Beacon / Sounder Detector
- (H) Heat / Beacon / Sounder Detector
- (S) Smoke / Sounder Detector
- (H) Heat / Sounder Detector
- (●) Manual Call Point
- (TS) Temperature Sensor
- (☼) Flashing Beacon
- (K) Sounder
- (K) Sounder / Beacon
- (I/F) Interface Unit
- (VI) Vent Interface Unit
- (DH) Door Holder
- (FKS) Firemans Key Switch
- (AOV) Automatic Opening Vent
- (AOD) Automatic Opening Door
- (ED) Environmental Damper Damper
- (SD) Smoke Damper
- (FCP) Fan Control Panel
- (FACP) Fire Alarm Control Panel (240v Required)
- (DRCP) Disabled Refuge Control Panel
- (DRCS) Disabled Refuge Call Station
- (2 Core FP200 (Red))

P1	19.12.19	First Issue			
Rev	Date	Description	Eng	Chk	Dm

PUTTING FIRE SAFETY FIRST

Clover House, John Wilson Business Park, Whitsable, Kent, CT5 3QZ

www.firenso.co.uk
Email: hello@firenso.co.uk

Client

Pre Assembled Smoke Extract Frame Set
630mm Standby and Duty Fans

Contract

Former Nestle Factory
Nestle Avenue
Hayes

Engineer

Checked By

MH

Title

Mechanical Smoke Extract Fans
Roof Level
Block B
Shaft A and B

Drawn By

MBP

Issue Date

19.12.2019

Status

For Comment

Scale

NTS

Sheet Size

A1

Rev

P1

Drawing No.

P1151-EF

Copyright in this drawing is the property of Firenso Ltd. It must not be reproduced nor amended nor used for the execution of any works without the express consent of Firenso Ltd. Do not scale from this drawing.