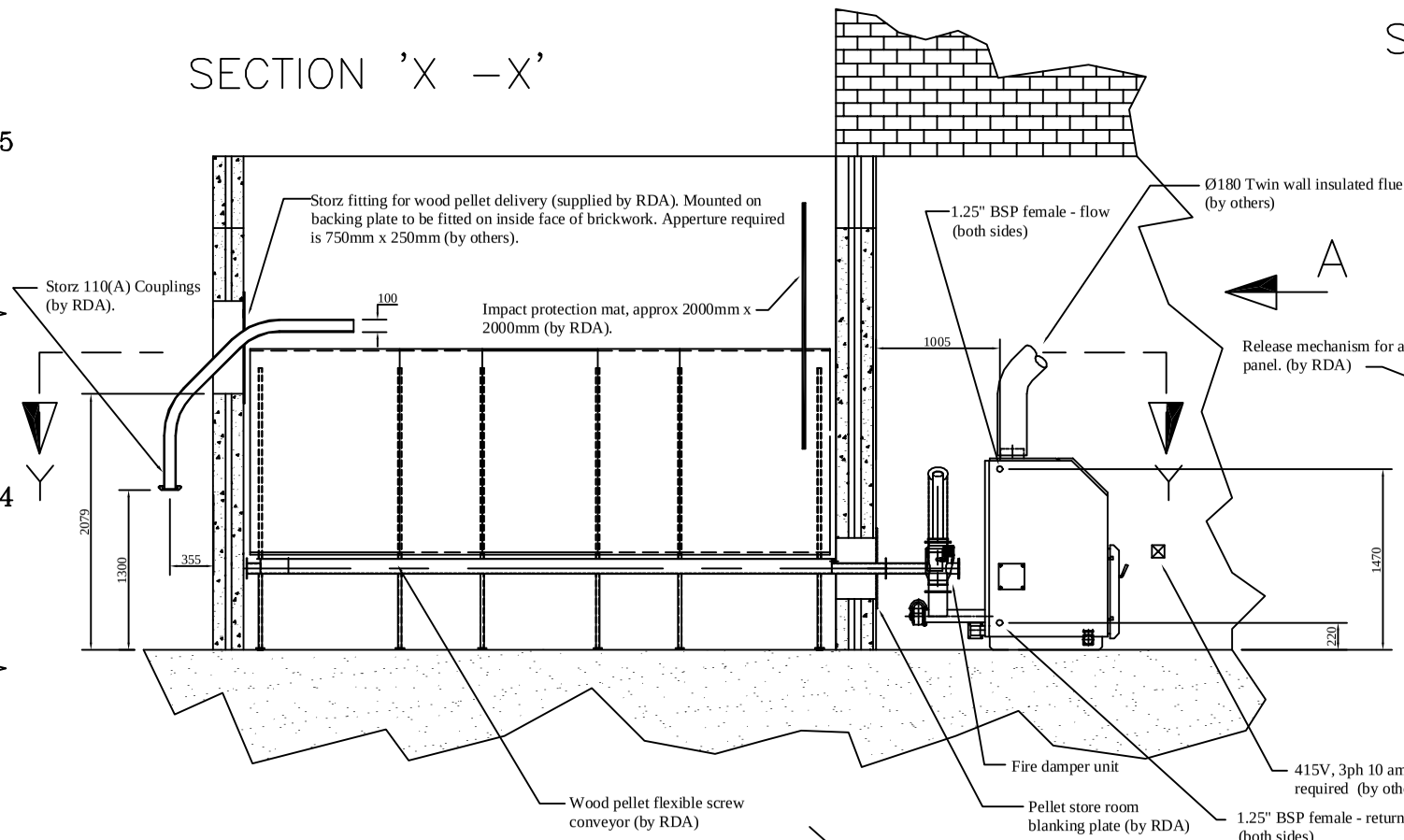

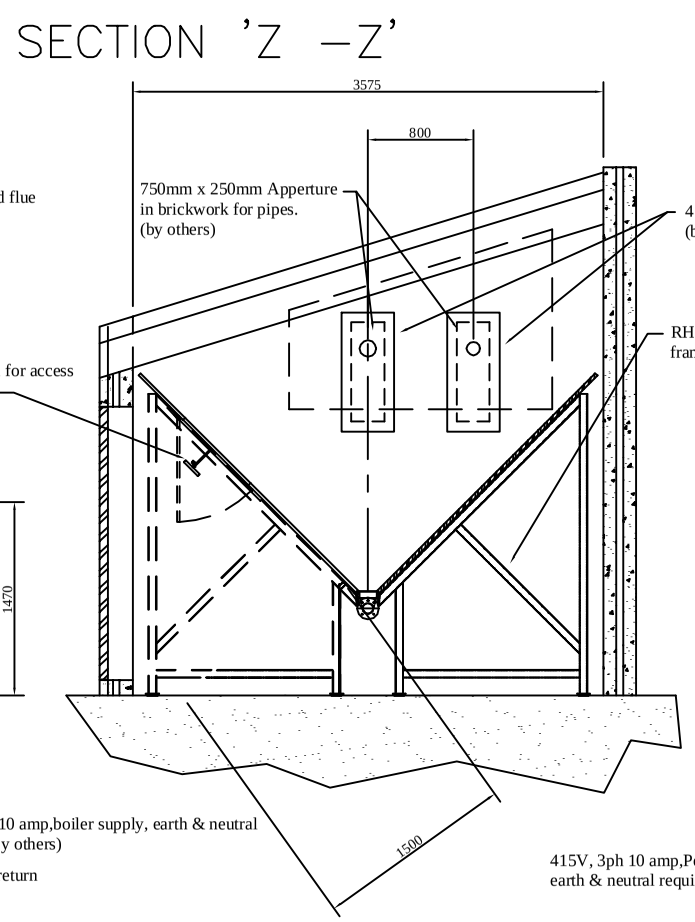

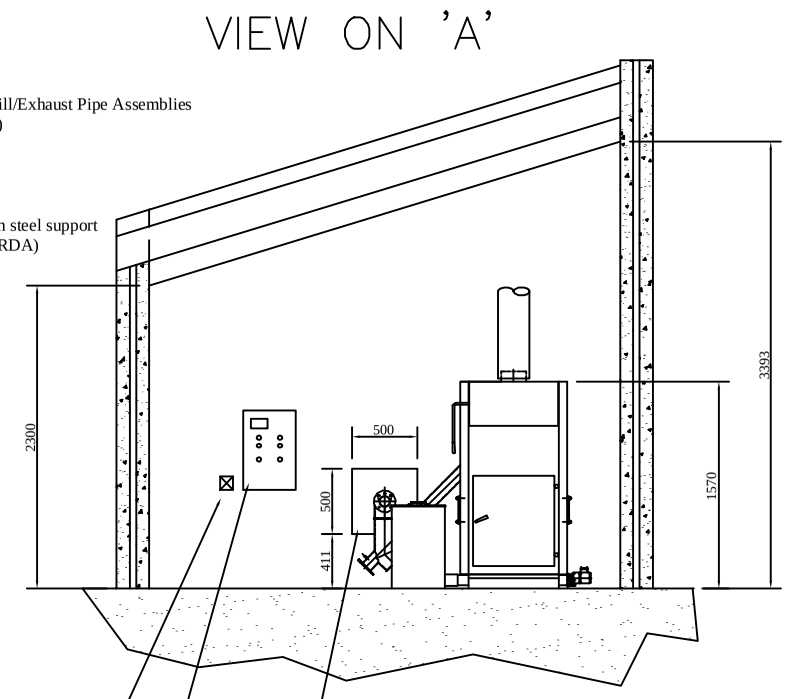

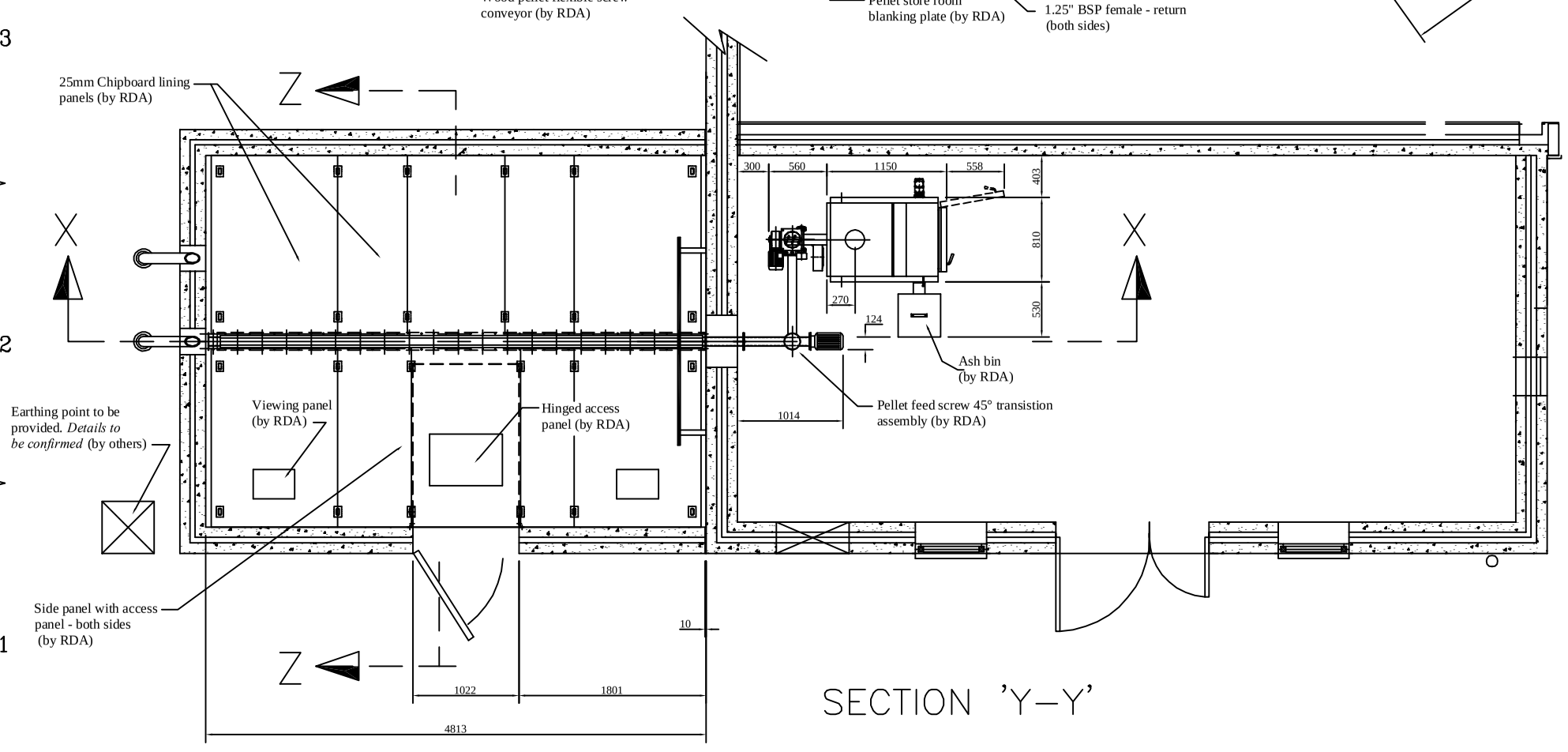

Notes:-

Pellet Store

Sloping floors consist of 25mm chipboard fixed on to steel frame supports. The 12 No. supports are fabricated from 60x30x3 RHS sections. Supports bolted to floor, with additional tie beams connecting steelwork sections. Store capacity approximately 17m3

In the event of either an electrical or mechanical failure, access is gained into the pellet storage area by a hinged panel. This panel is safely lowered to the ground by a simple hand winch device positioned on the door jamb.

Side panels, between the sloping sides and the door opening contain pellets when access panel is lowered. These panels each have an integral removable panel to allow access to the supporting steelwork supports, pellet feed screw and pellet level proximity
sensors.

Impact protection mat is to stop wood pellets breaking up during filling operation. An earthing point is to be provided for the pellet lorry to attach to during filling.

Boiler Room

KSM-Multistoker Automatic 50kW boiler to operate on wood pellets to D10 designation (Ø10mm +/- 0.5mm, max length 52mm)

Boiler supplied with oxygen sensor, fire damper and automatic ash removal.

ISSUE	AMENDMENT	C/N No.	DRAWN	DATE
D	Pellet Store Access Panel Detail Changed		RPD	14/06/07
C	Pellet Store Dimensions Revised		RPD	22/05/07
B	Wood Pellet Fill/Exhaust Pipe Details Modified		RPD	02/03/07
A	FIRST ISSUE		RPD	06/02/07

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THIRD ANGLE PROJECTION

DO NOT SCALE THIS PRINT

DRAWN R.P.D – 06.02.07
CHK'D.
TRC'D.
APP'D.

DRAWING CONFORMS TO

IF IN DOUBT ASK

REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: SEE DETAIL DRAWINGS
FINISH: SEE DETAIL DRAWINGS
SCALE
DIMENSIONS IN mm
SURFACE FINISH µmRa

TOLERANCES UNLESS STATED OTHERWISE
METRIC ± 2mm
DIA. ± 1mm
PCD's. ± 1mm
ANG. TOL. ± 0.25°
CENTRES ± 2mm
OTHER GEOM. TOL. ± 2mm

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TITLE: WOOD PELLET & BOILER ROOM LAYOUT MANORMEAD NURSING HOME, HINDHEAD

DRAWING No. QT188–190107/1

USED ON

SHT. No. 1 OF 1