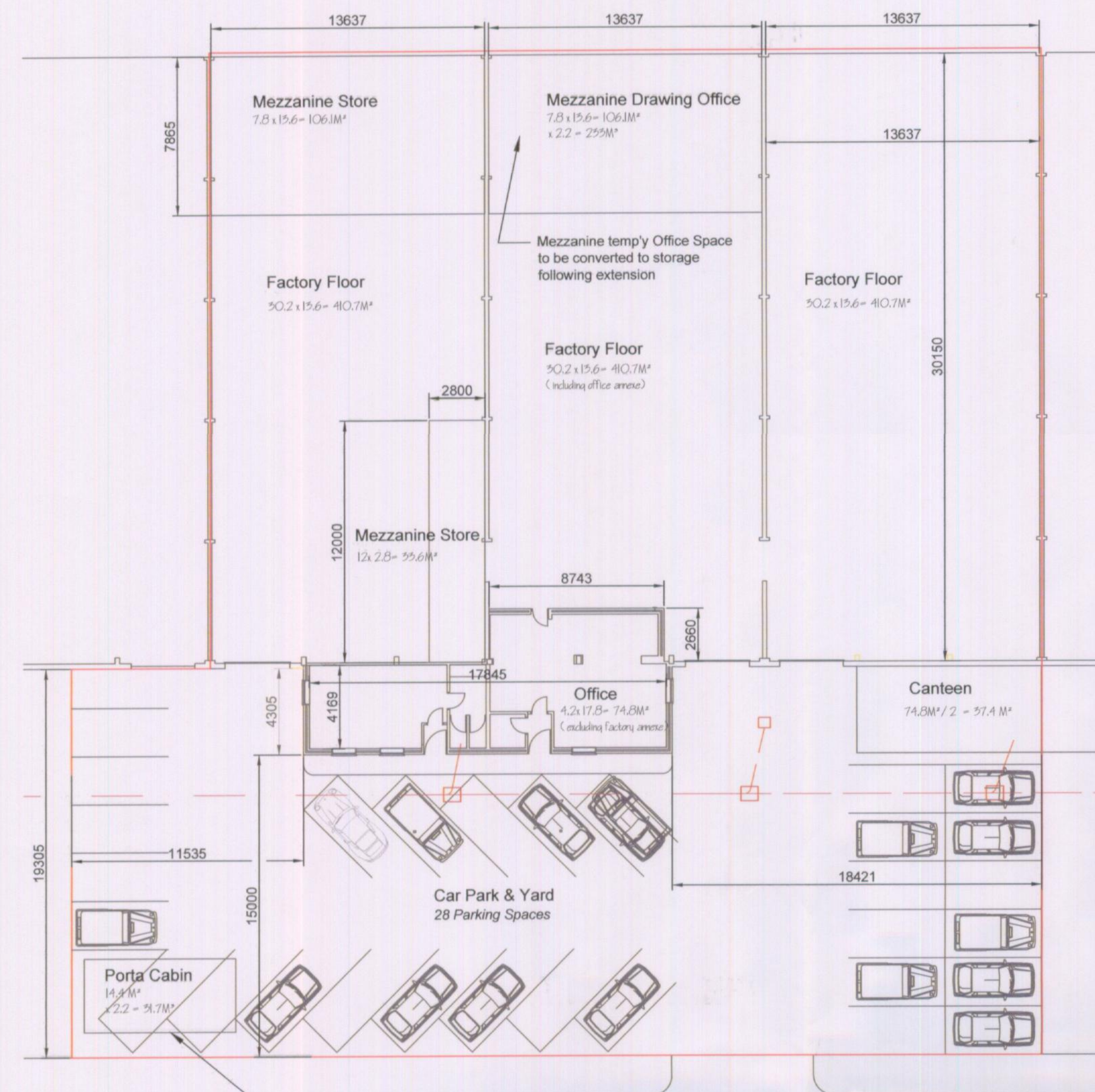
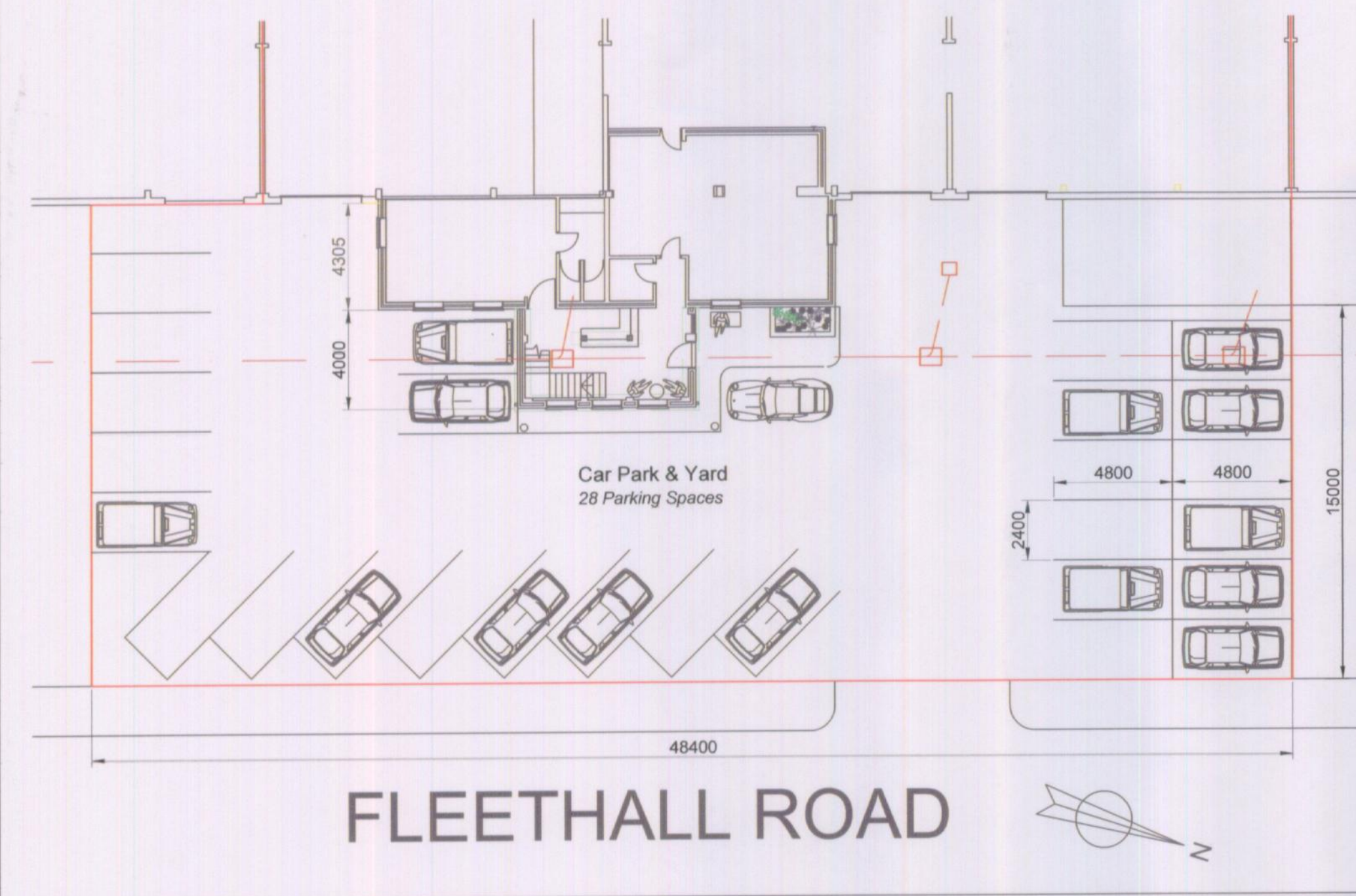
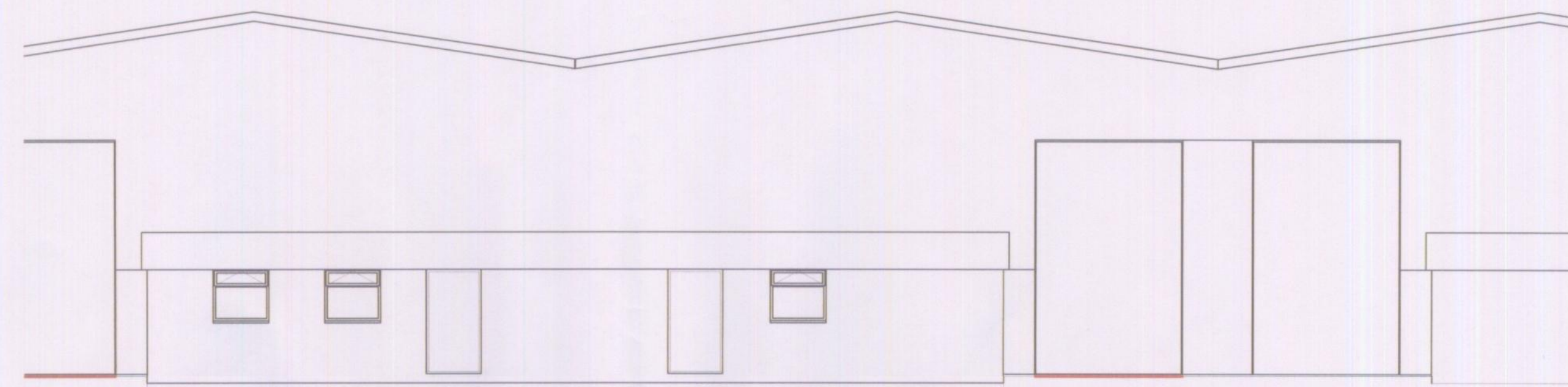




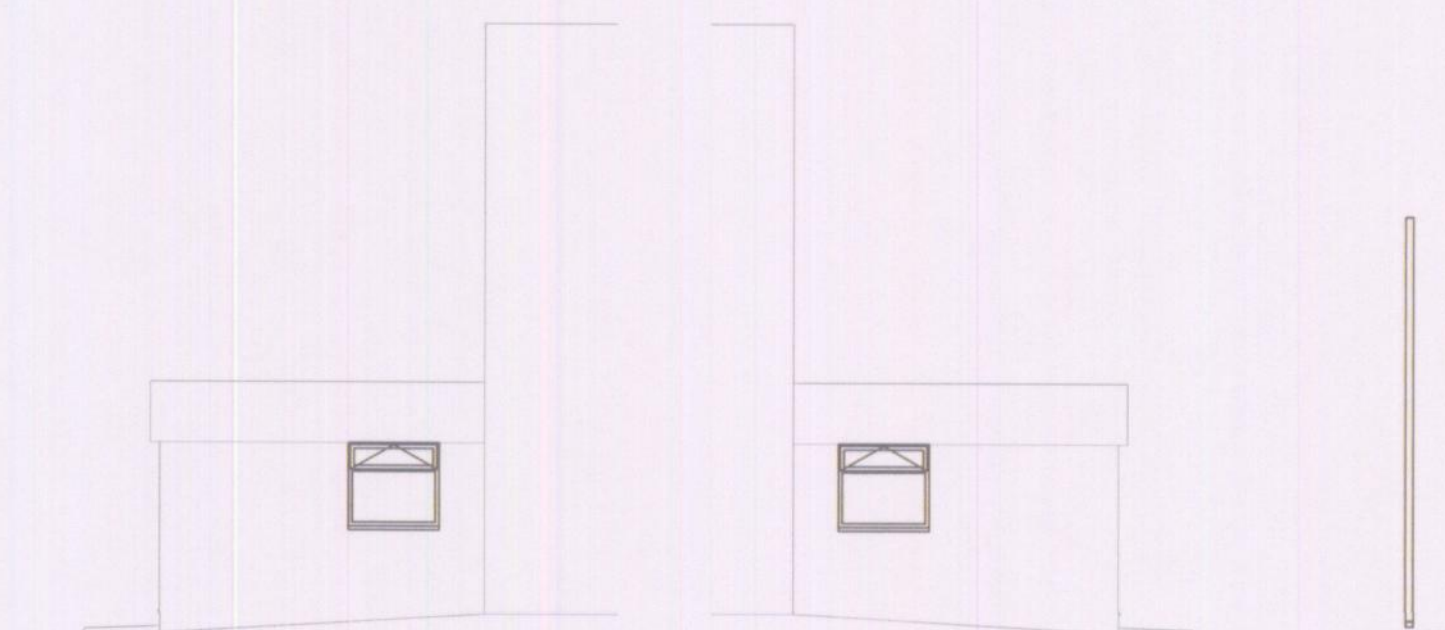
Plan Sectional Grnd Floor - Existing Site
Scale 1:200



Plan Sectional Grnd Floor (Area of Change) - Proposed



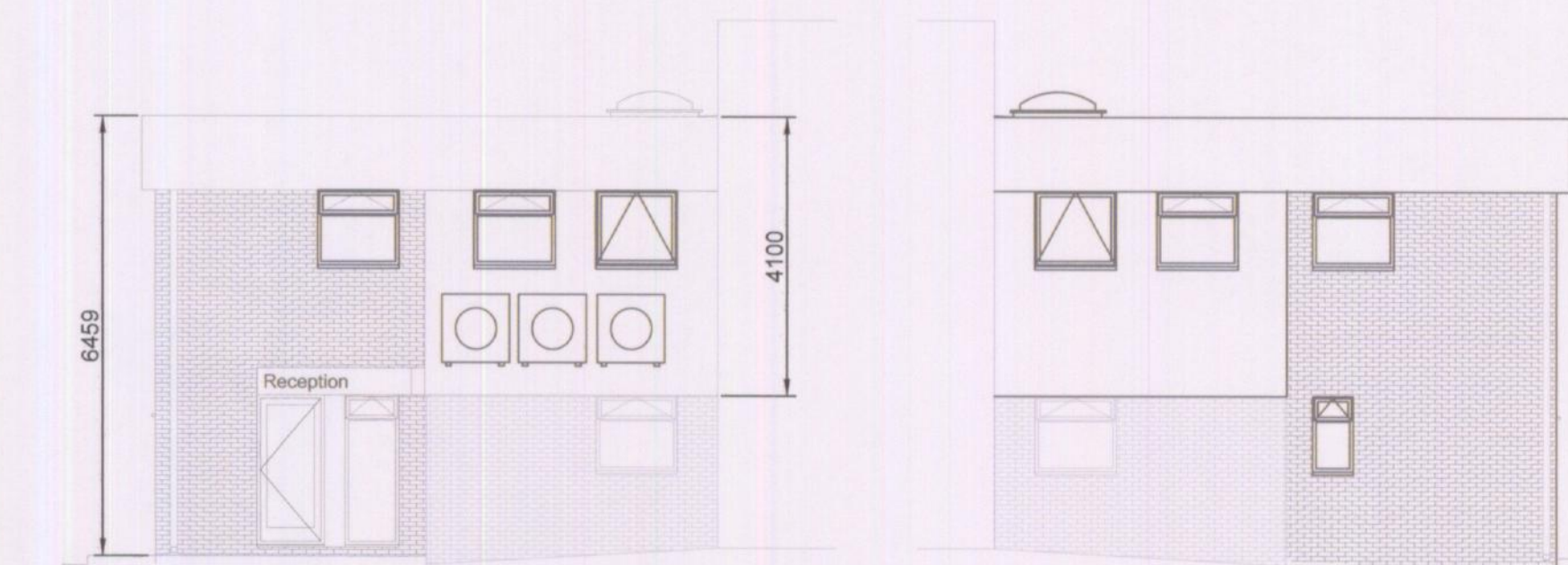
Front Elevation - Existing Scale 1:100



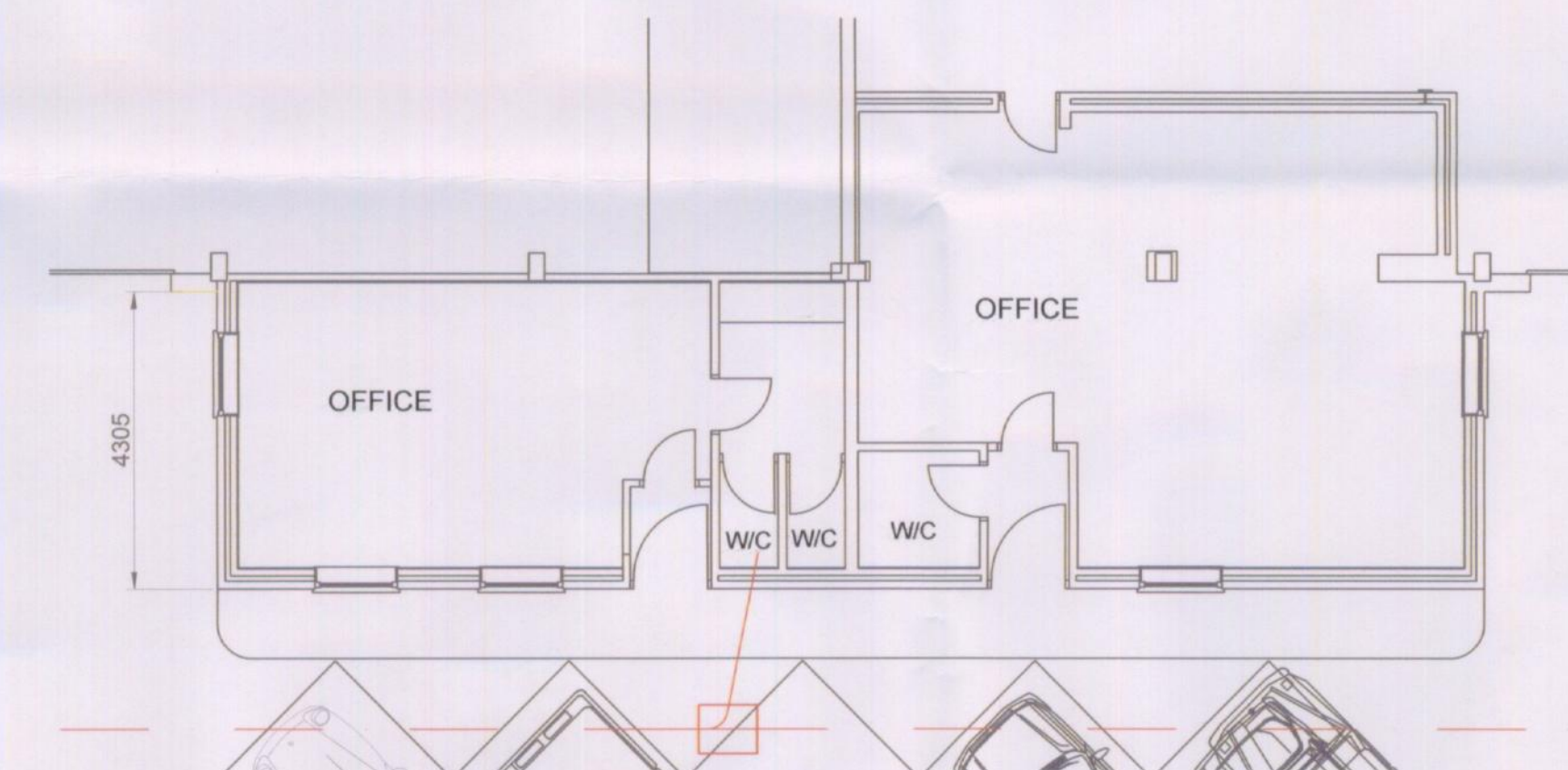
Side Elevations - Existing Scale 1:100



Front Elevation - Proposed Scale 1:100



Side Elevations - Proposed Scale 1:100



Plan Section - Existing Offices Grnd Floor
Scale 1:100



Site Location
Scale 1:2500

Floor Space Calculations:

Existing:		
Factory Floor (5 x 410.7 M²)	= 12921 M²	
Rear Mezz (2 x 106.1 M²)	= 212.2 M²	
Front Mezz	= 33.6 M²	
Front Office	= 74.3 M²	
Canteen	= 37.2 M²	
		13901 M²

Less to existing following works: 0 M²

Proposed Additional:

1st Floor Office above existing	= 74.3 M²	
Front Ground Floor Reception	= 24.4 M²	
Front 1st Floor	= 24.4 M²	
DTT Shop Void (4.2 x 2.4)	= 10.1 M²	
		132.2 M²

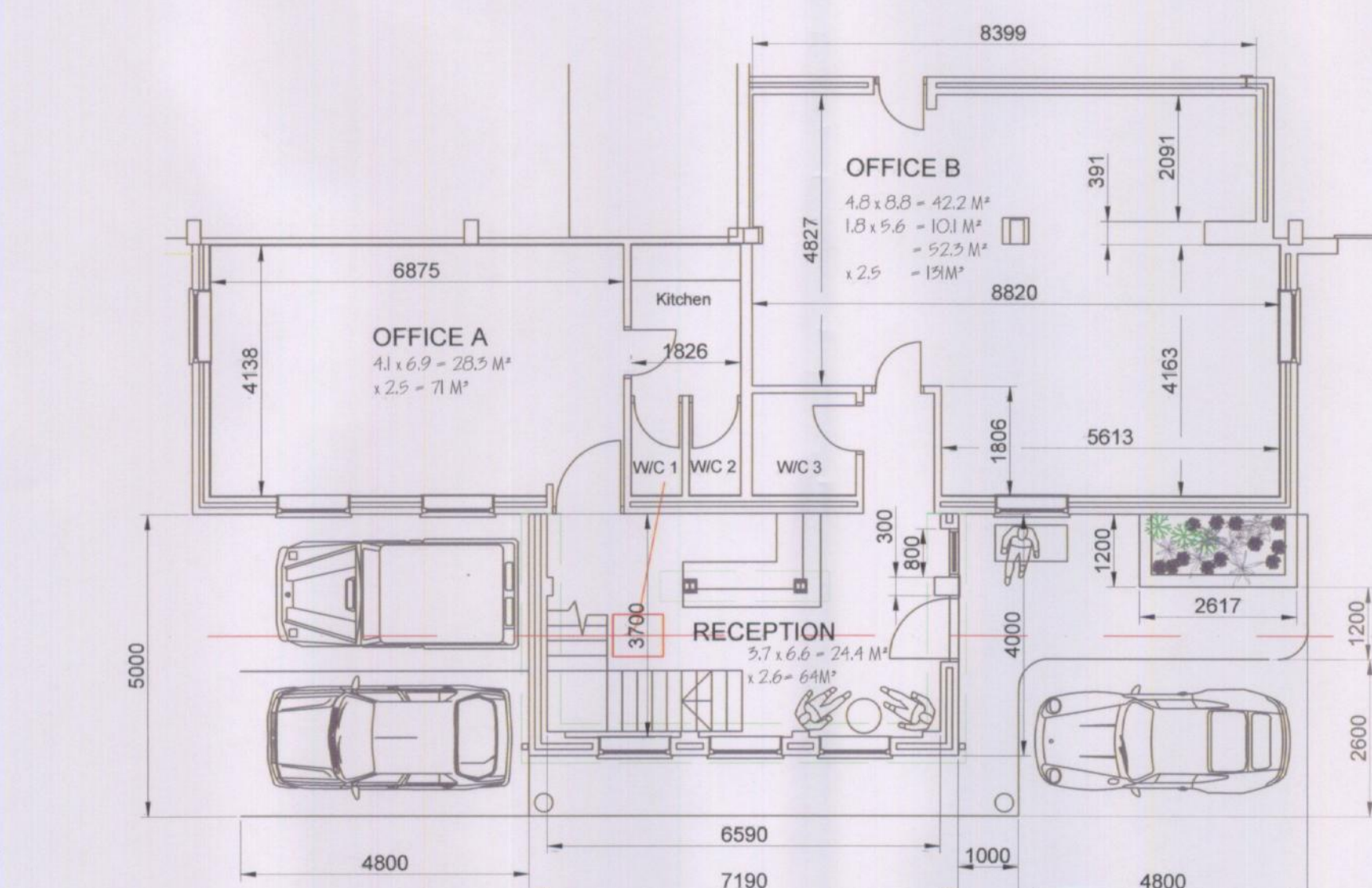
∴ Gross Floor Area - Proposed: 15023 M²

Thermal Performance

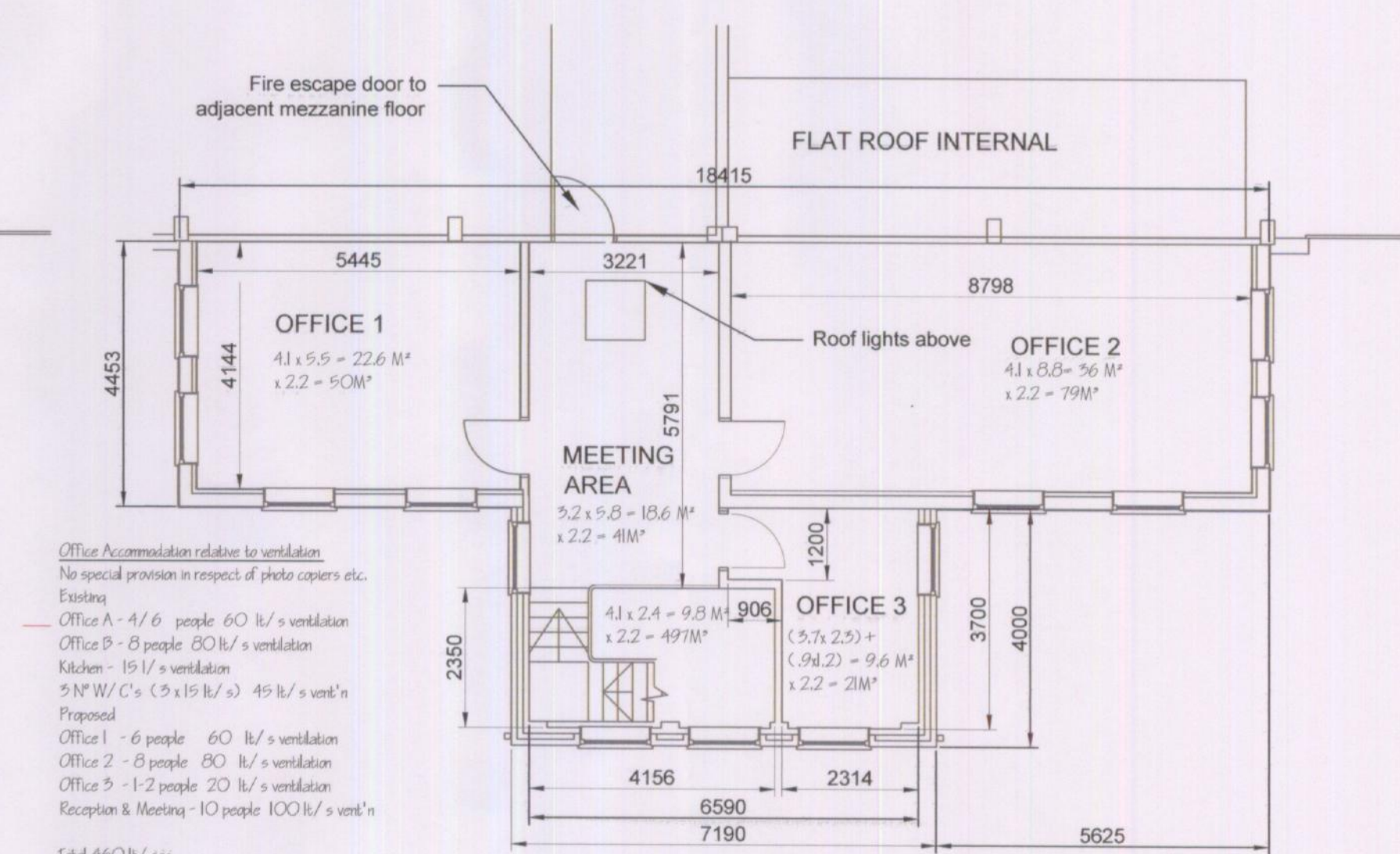
Floor Perimeter / Area ratio
(5.7M + 6.59M + 5.7M) / (5.7M x 6.59M) = .514

Summary

Floor -	(5.7 x 6.59)	24.4 M²	@	0.22 W/m²K
Walls - 1st Floor extension	(2.5 x 6 + 4.5) x 4.1	52.5 M²	@	0.20 W/m²K
Walls - Front Extension	(4 + 7.2 + 4) x 6	91.2 M²	@	0.28 W/m²K
Roof (Integral Insulation)	(18.4 x 4.5) + (4 x 7.2)	111.6 M²	@	0.15 W/m²K



Plan Section - Proposed Grnd Floor



Plan Section - Proposed 1st Floor

RECEIVED
21.03.2014
Support Services

TRANSPARENT TECHNICAL ASSISTANCE
2TA Ltd.
2 Kensington Way
Hockley, Essex SS5 4UH
01702 201123
www.2ta.co.uk

PROJECT
Robert Stevens & Sons Ltd
2-4 Fleethall Rd
Rochford
Essex SS4 1NF

REF: SCALE As noted @ A1
DATE 15/9/13 DRAWN: JMS
CHECKED:
TITLE PROPOSED OFFICE EXTENSION
2-4 Fleethall Rd, Rochford