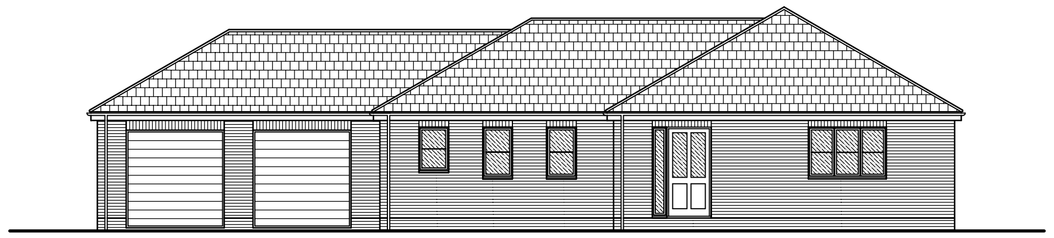
Domestic Ventilation Design Assessment for compliance with requirement F1 (1) of the Building Regulations 2010: -

Ref	Openina Description	Room Description	Minimum Ventilator Required	Ventilator Positions	Ventilators Per Position	Background Ventilation (mm2)	Total Required Ventilation (mm2)
2	Window	Bedroom 1	5000	1	3	5000	15000
3	Window	Bedroom 2	5000	1	3	5000	15000
4	Window	Bathroom	2500	1	2	2500	5000
5	Bi-Fold Doors	Lounge	5000	1	4	5000	20000
9	Window	Kitchen	2500	1	3	5000	15000
11	Window	Utility	2500	1	1	2500	2500
12 & 13	Window	Bedroom 3	5000	2	2	2500	5000
					Total Ventilator EA provided to meet whole house dwelling background ventilation Compliance		77,500

New Opening schedule: -

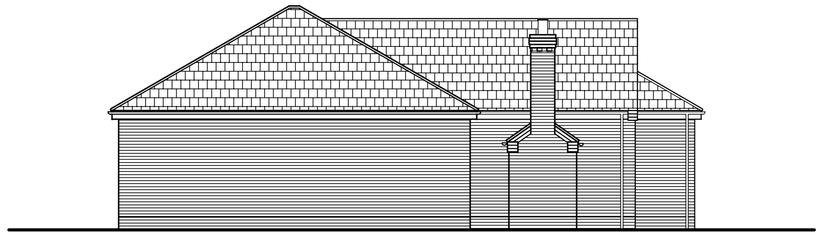
Ref	Openina Description	Openina Size	Lintel Type	Lintel Length	Secure Door & Window
1	Entrance Door UPVC Screens	1022.5w x 2100h 357.5w x 2100h	Kaystone HT/ HD 100	1900mm	Yes
2	UPVC Window	1810w x 1200h	Kaystone HT/ HD 100	2250mm	Yes
3	UPVC Window	1810w x 1200h	Kaystone HT/ HD 100	2250mm	Yes
4	UPVC Window	910w x 1050h	Kaystone HT/ S 100	1350mm	Yes
5	Bi Fold Doors	4152.5w x 2100h	Kaystone HT/ HD 100	4500mm	Yes
6	UPVC Door	910w x 2100h	Kaystone S / K 90	1350mm	
7	Steel Garage Door	2260w x 2250h	Kaystone HD / K 90	2700mm	
8	Steel Garage Door	2260w x 2250h	Kaystone HD / K 90	2700mm	
9	UPVC Window	1810w x 1050h	Kaystone HT/ HD 100	2250mm	Yes
10	UPVC Door	910w x 2100h	Kaystone HT/ HD 100	1350mm	Yes
11	UPVC Window	685w x 1050h	Kaystone HT/ S 100	1050mm	Yes
12	UPVC Window	685w x 1200h	Kaystone HT/ S 100	1050mm	Yes
13	UPVC Window	685w x 1200h	Kaystone HT/ S 100	1050mm	Yes
14	Internal Door Openina	910w x 2100h	Kaystone HD/ BOX100	1350mm	



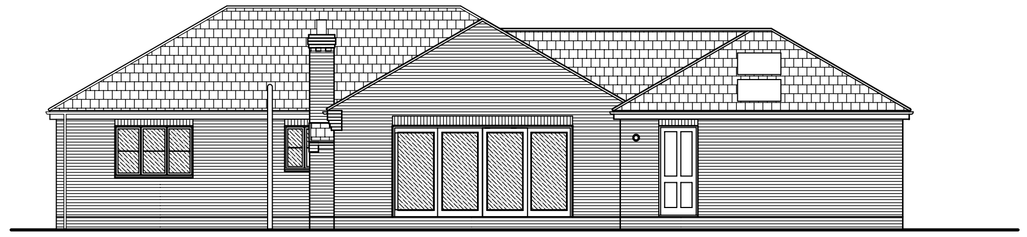
FRONT ELEVATION



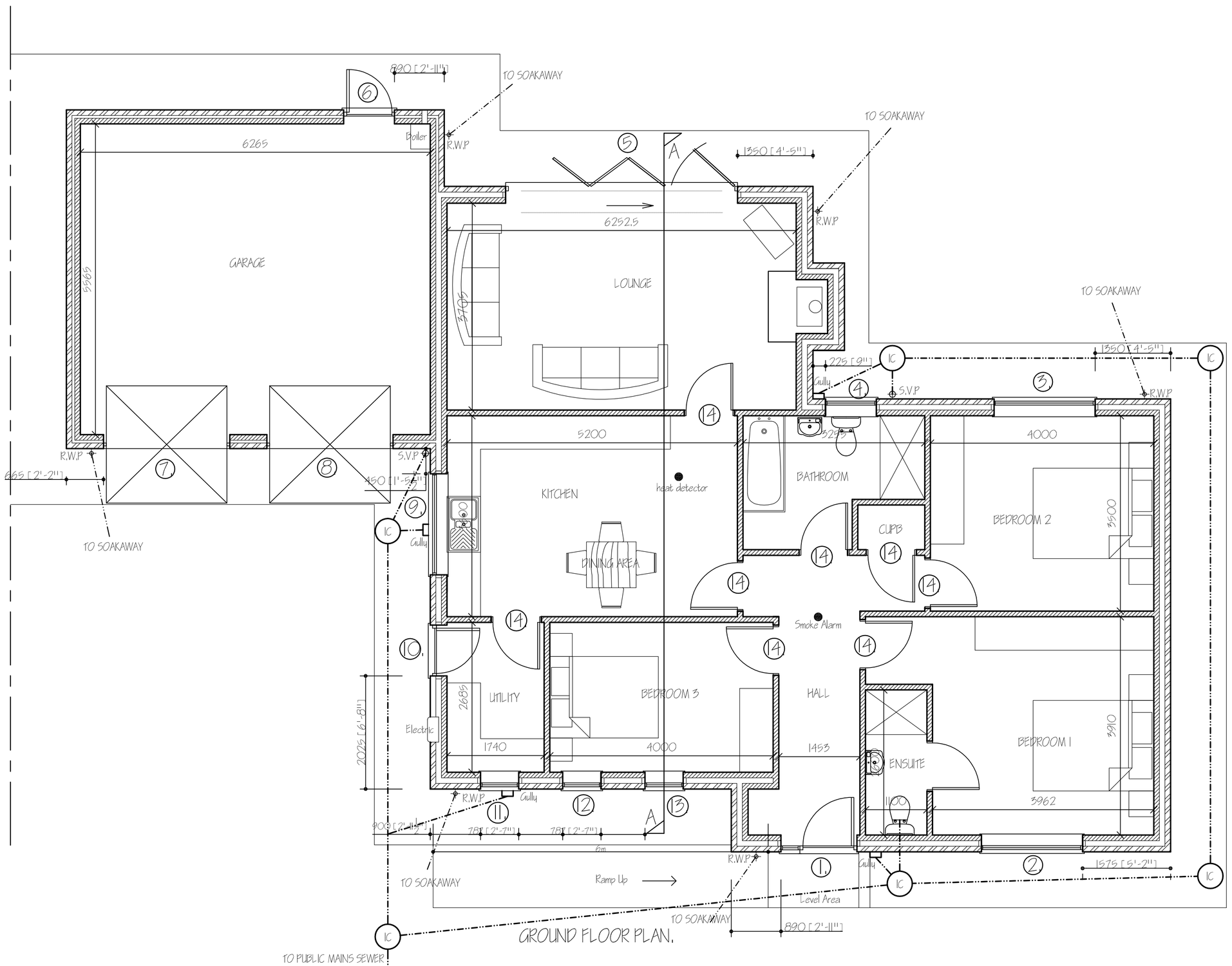
SIDE ELEVATION



SIDE ELEVATION



REAR ELEVATION



Concrete Block Association Details:-

Detail Reference	Description
E1 H TERM +	Steel lintel
E4 CBA-T14	Window Sill
E4 CBA-T15	Window Jamb
E5 CBA-301	Ground Floor (normal)
E10 CBA-308	Eaves (insulation at ceiling level)
E12 CBA-310	Gable (insulation at ceiling level)
E16 CBA-316	Corner (normal)
E17 CBA-317	Corner (inverted)

ref.	revision	date
C	VENTILATION CHART ADDED.	APR '19.
B	BUILDING REGULATIONS & PLANNING RE-APPLICATION	FEB '19.
A	CLIENTS AMENDMENTS	AUG '18.

G. R. MERCHANT LTD.
I.ENG AMICE FIWO

ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS

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Fax: 01406 425744
E-Mail: gr.merchant@btconnect.com

Project
RESIDENTIAL DEVELOPMENT.
off WORLDS END ROAD.
TYDD ST MARY.
LINCS. PE13 5QL.

Client
R K WILSON BUILDERS LTD.

Drawing
PLOT 4.
FLOOR PLANS & ELEVATIONS

Job Ref. 3372-18.

Drawing No. 04C.

Date AUGUST '18.

Drawn SJD.

Scales
1/ 50. 1/100 (unless otherwise stated)

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