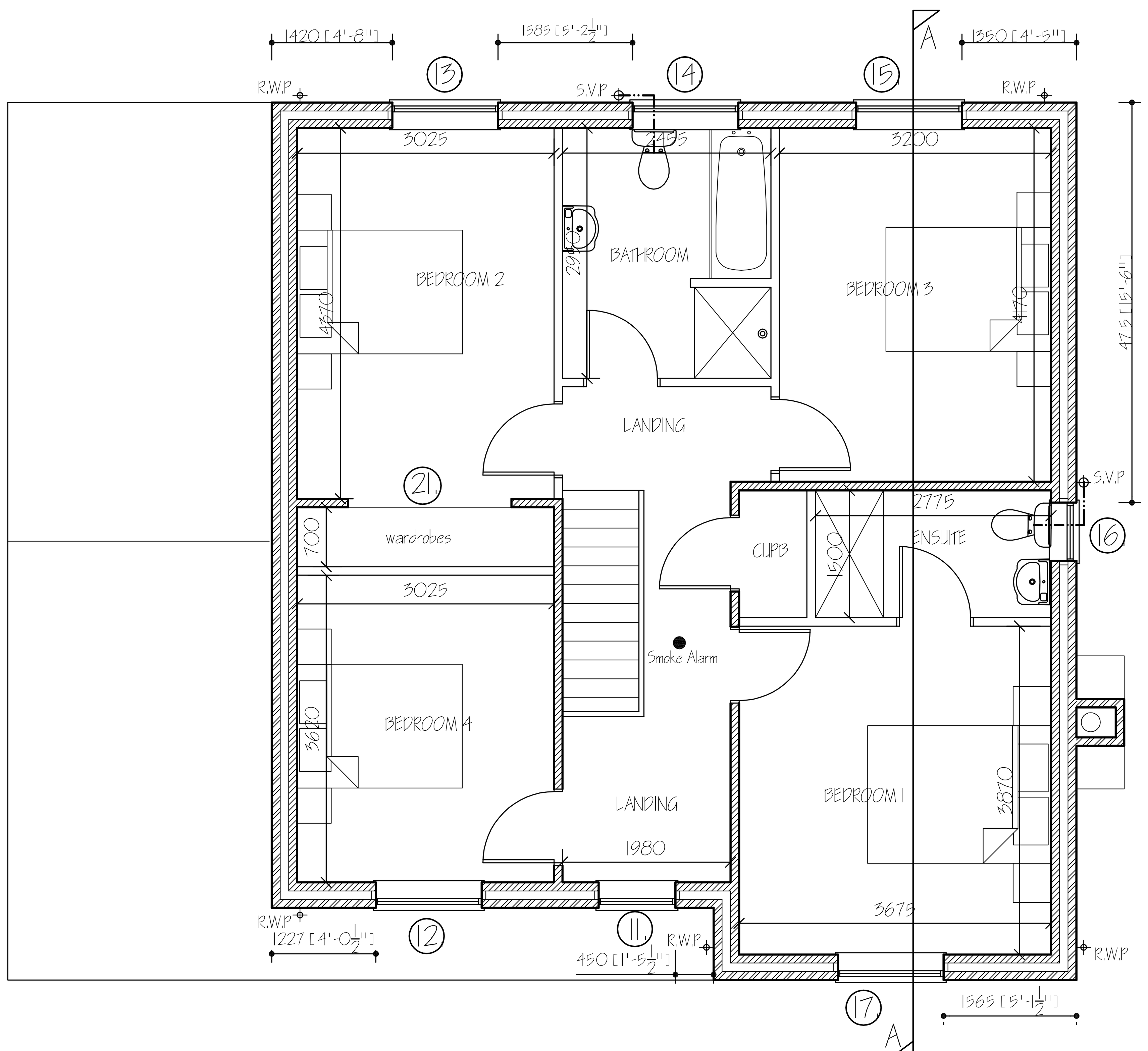
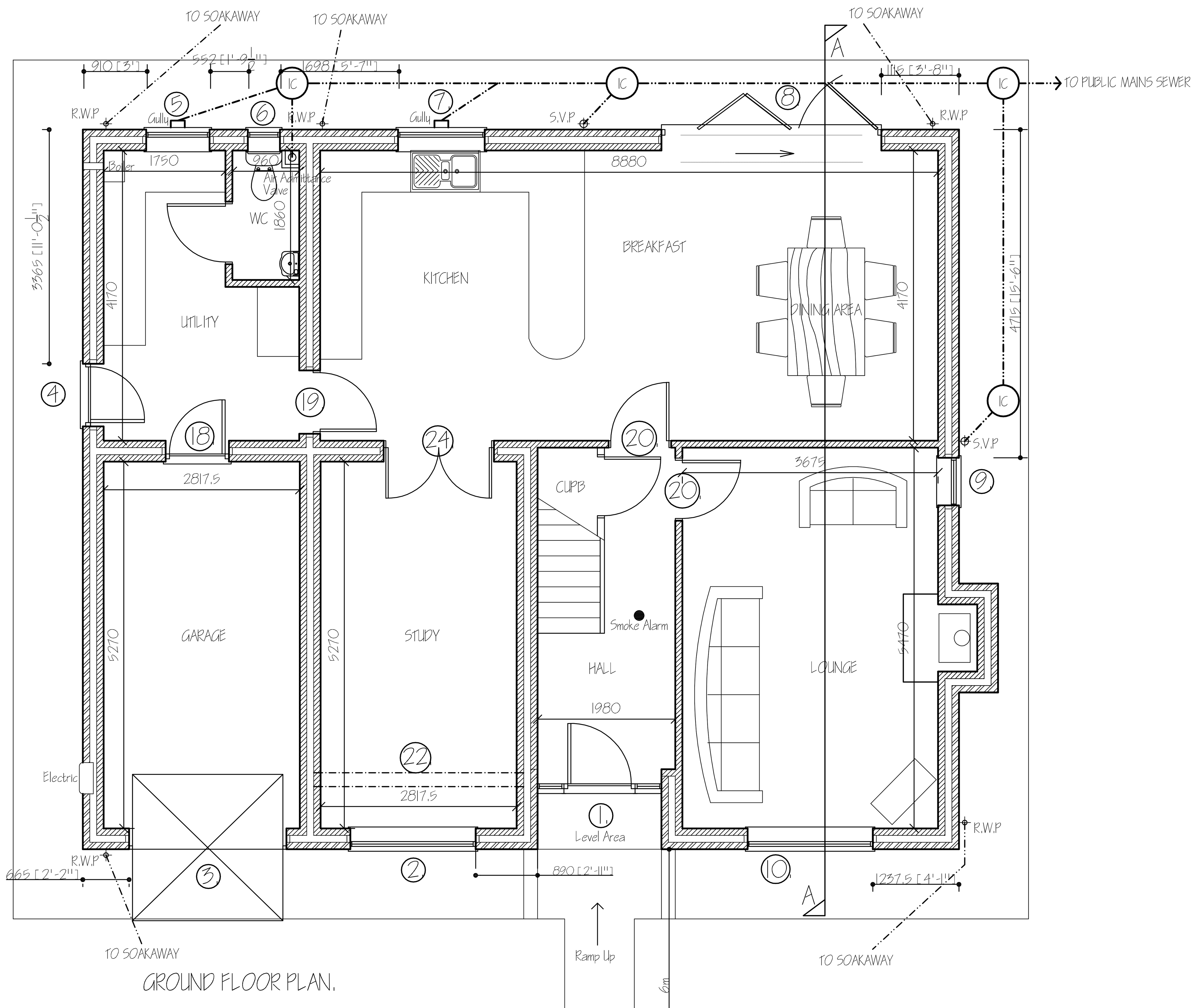


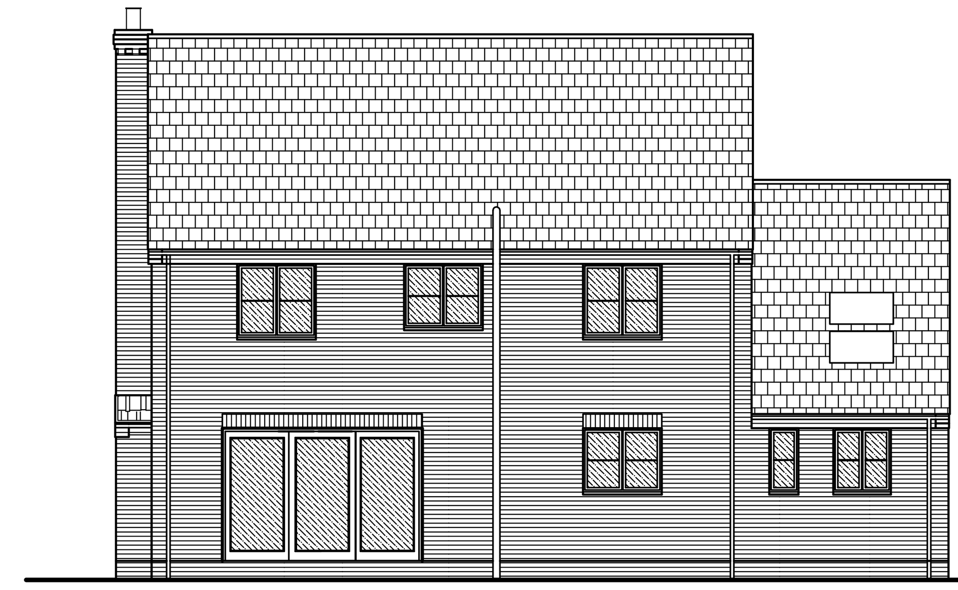
FIRST FLOOR PLAN.



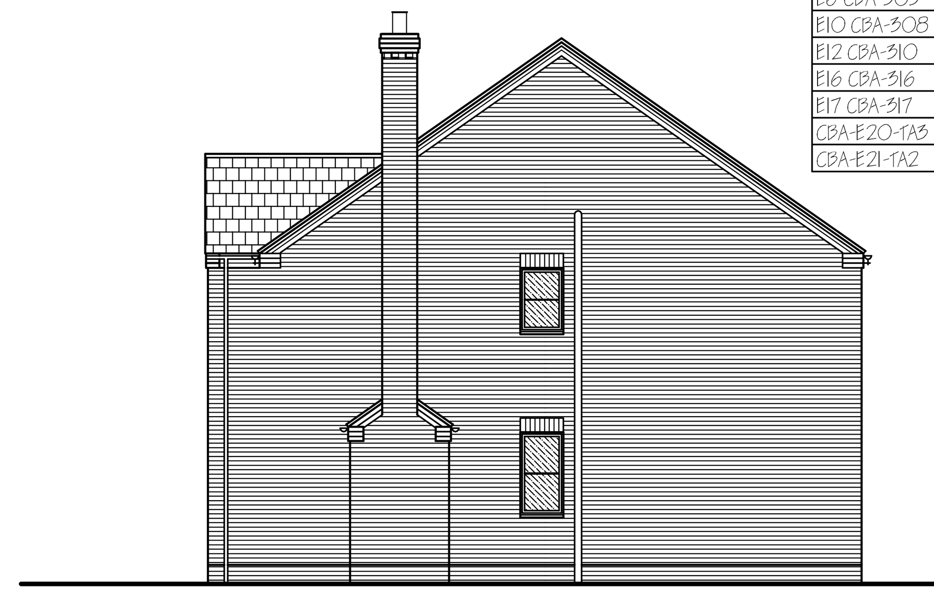
GROUND FLOOR PLAN.

SIDE ELEVATION

FRONT ELEVATION



REAR ELEVATION



SIDE ELEVATION

Concrete Block Association Details:-

Detail Reference	Description
E1 H1 TERM +	Steel lintel
E3 CBA-314	Window Sill
E4 CBA-315	Window Jamb
E5 CBA-301	Ground Floor (normal)
E6 CBA-303	Intermediate Timber Floor
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)
CBA-E20-TA3	Exposed Floor (normal)
CBA-E21-TA2	Exposed Floor (inverted)

New Opening schedule: -

Ref	Opening Description	Opening Size	Lintel Type	Lintel Length	Secure Door & Window
1	Entrance Door 2 No. UPVC Screens	1022.5w x 2100h 378w x 2100h	Keystone HT / HD 100	2100mm	Yes
2	UPVC Window (Egress Window)	1810w x 1350h	Keystone HT / HD 100	2250mm	Yes
3	Steel Garage Door	2260w x 2250h	Keystone HD / HD 100	2700mm	
4	UPVC Door	910w x 2100h	Keystone HT / S 100	1350mm	Yes
5	UPVC Window	910w x 1050h	Keystone HT / S 100	1350mm	Yes
6	UPVC Window	460w x 1050h	Keystone HT / S 100	900mm	Yes
7	UPVC Window	1245w x 1050h	Keystone HT / S 100	1650mm	Yes
8	Bi-fold Doors	3160w x 2100h	Keystone HT / HD 100	3600mm	Yes
9	UPVC Window	685w x 1350h	Keystone HT / S 100	1050mm	Yes
10	UPVC Window	1810w x 1350h	Keystone HT / HD 100	2250mm	Yes
11	UPVC Window	910w x 1200h	Keystone HT / HD 100	1350mm	Yes
12	UPVC Window (Egress Window)	1245w x 1200h	Keystone HT / HD 100	1650mm	Yes
13	UPVC Window (Egress Window)	1245w x 1200h	Keystone HT / HD 100	1650mm	
14	UPVC Window	1245w x 1050h	Keystone HT / HD 100	1650mm	
15	UPVC Window (Egress Window)	1245w x 1200h	Keystone HT / HD 100	1650mm	
16	UPVC Window	685w x 1050h	Keystone HT / S 100	1050mm	
17	UPVC Window (Egress Window)	1810w x 1200h	Keystone HT / HD 100	2250mm	
18	Internal Door Opening (30 Minute) Smoke and Fire seals - self closer 100mm step down into the garage	910w x 2100h	Keystone HT / S 100	1350mm	Yes
19	Internal Door Opening	910w x 2100h	Keystone HD / BOX 100	1350mm	
20	Internal Door Opening	910w x 2100h	Keystone HD / BOX 100	1350mm	
21	Internal Opening	1922.5w x 2100h	Keystone HD / BOX 100	2250mm	
22	Cavity Wall Support	2817.5w x 2100h	2 No. 152 x 89 x 16 UB	3017.5mm	
~~23~~	~~Cavity Wall Support~~	~~4370w x 2100h~~	~~2 No. 203 x 133 x 30 UB~~	~~4570mm~~	
24	Internal Door Opening	1585w x 1950h	Keystone HT / HD 100	1950mm	

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

Ref	Opening Description	Room Description	Minimum Ventilator Required	Ventilator Positions	Ventilators Per Position	Background Ventilation (mm2)	Total Required Ventilation (mm2)
5	Window	Utility	2500	1	2	2500	5000
6	Window	WC	2500	1	1	2500	2500
7	Window	Kitchen	2500	1	2	5000	10000
8	Bi-Fold Doors	Dining Area	5000	1	3	5000	15000
9	Window	Lounge	5000	1	1	2500	2500
10	Window	Lounge	5000	1	3	5000	15000
11	Window	landing		1	2	2500	5000
12	Window	Bedroom 4	5000	1	2	5000	10000
13	Window	Bedroom 2	5000	1	2	5000	10000
14	Window	Bathroom	2500	1	2	5000	10000
15	Window	Bedroom 3	5000	1	2	5000	10000
16	Window	Bedroom 1	5000	1	1	2500	2500
17	Window	Bedroom 1	5000	1	2	5000	10000
2	Window	Study	5000	1	3	5000	15000
						Total Ventilator EA provided to meet whole house dwelling background Ventilation Compliance	122,500

ref	revision	date
E	CLIENTS AMENDMENTS - PURCHASER	AUG '2020.
D	VENTILATION CHART ADDED.	APR '19.
C	BUILDING REGULATIONS & PLANNING RE-APPLICATION	JAN '19.
B	PLOT 5 REMOVED	SEPT '18.
A	CLIENTS AMENDMENTS	AUG '18.

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

ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS

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

Client
R K WILSON BUILDERS LTD.

Drawing
PLOT 2
FLOOR PLANS & ELEVATIONS

Job Ref. 3372-18.
Drawing No. 02E.
Date AUGUST '18.
Drawn SLD.
Scales 1/ 50. 1/ 100 (unless otherwise stated)

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