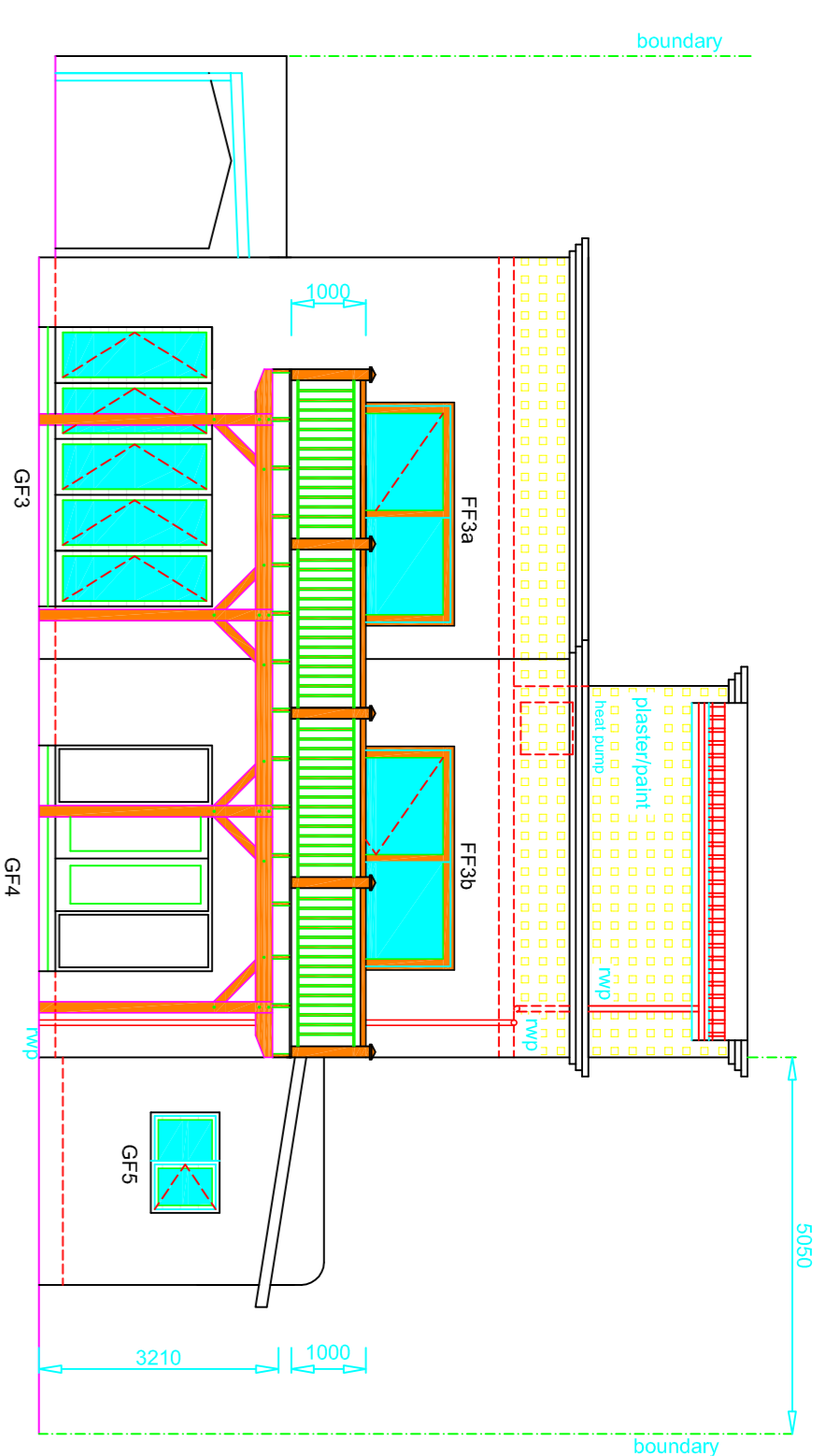
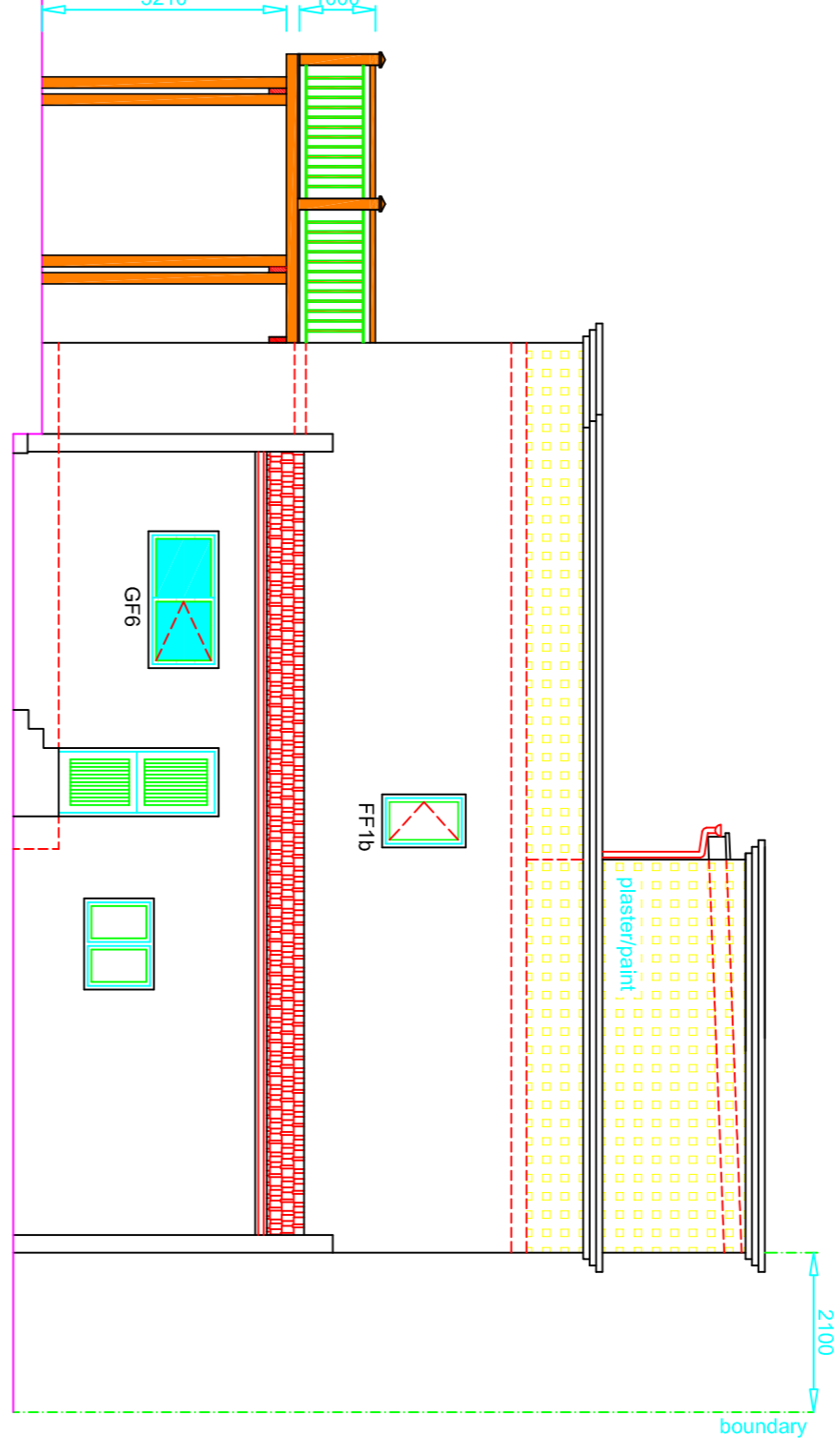


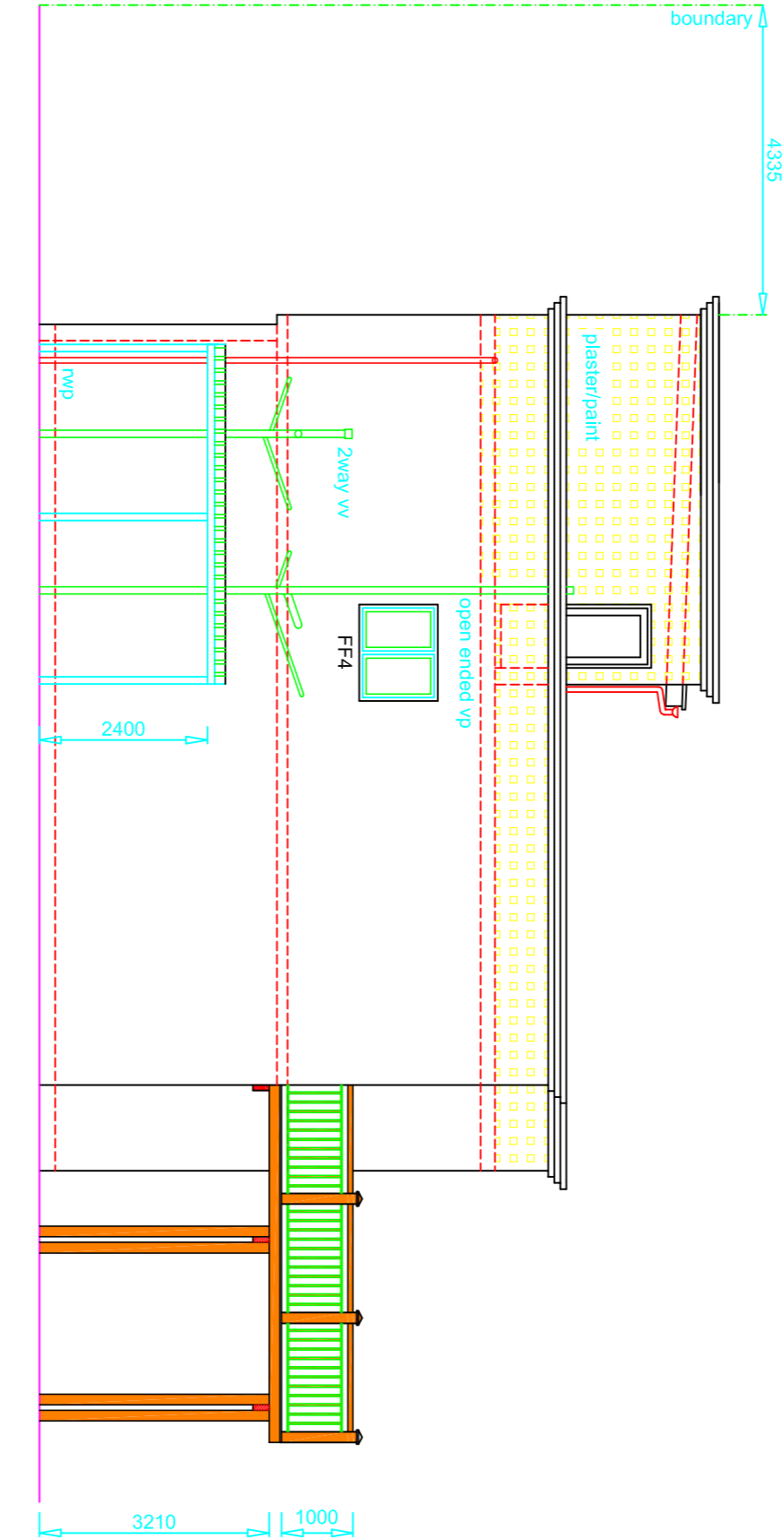
EAST ELEVATION



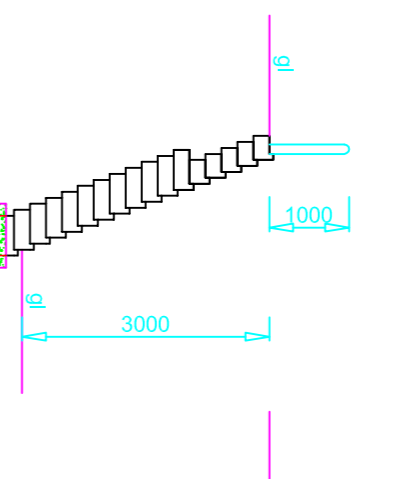
WEST ELEVATION



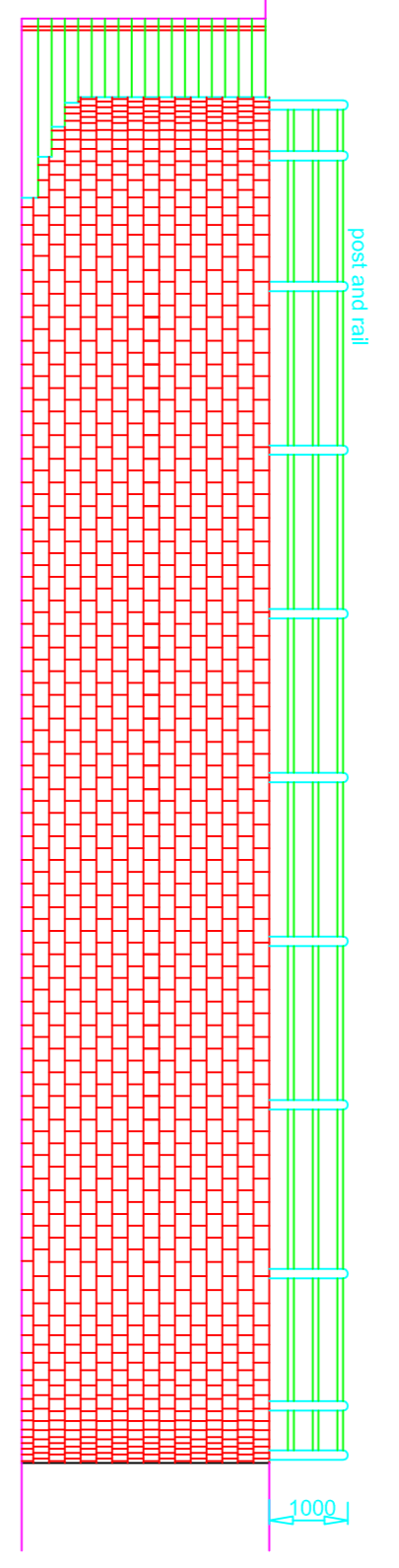
SOUTH ELEVATION



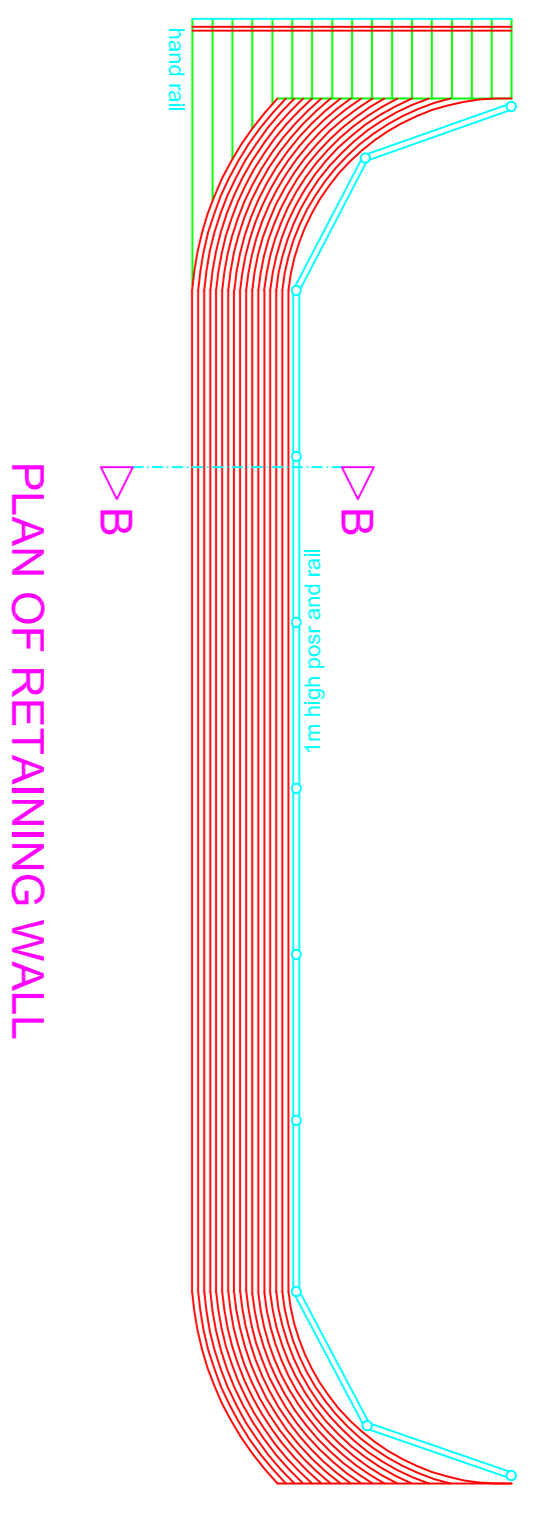
NORTH ELEVATION



SECTION BB



WEST ELEVATION OF DRY STACK RETAINING WALL



PLAN OF RETAINING WALL

FENESTRATION DETAILS

WINDOW CODE	TYPE	NO. OF	AREA	PROJECTION	NET FLOOR AREA OF GROUND FLOOR	FENESTRATION IN RELATION TO NET FLOOR AREA	CONDUCTANCE - CONSTANT
GF1	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF2a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF2b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF3	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF4a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF4b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF5a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF5b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF6a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
GF6b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000

GROUND FLOOR FLOOR

Orientation	East	East	East	South	West	West	West	West
Orientation	East	East	East	South	West	West	West	West
Window Code	GF1	GF2a	GF2b	GF3	GF4	GF5	GF6	GF6
NO. OF	2	1	3	1	1	1	1	1
G-Value	0.900	0.900	1.545	0.500	0	0.484	0.790	0.790
Projection	475/2=0.237	475/2=0.237	370/2=0.185	0.233	5.000	3.915	4.15/2=0.207	4.15/2=0.207
Height	2.000	2.000	3.815	1.440	2.912	2.884	1.710	1.710
PI Value	0.118	0.118	0.048	0.270	1.717	1.458	0.121	0.121
Area of (1)	0.900	0.900	2.31	0.845	10.875	6.383	1.242	1.242
Area of (2)	0.81	0.81	1.01	1.19	0.45	0.32	0.36	0.42
Exposure(2)	0.81	0.77	0.81	0.77	0.81	0.81	0.81	0.81
G-Value(3)	0.736	1.796	0.621	0.603	2.818	1.856	0.422	0.422
SHGC	0.736	1.796	0.621	0.603	2.818	1.856	0.422	0.422
SHGC achieved	0.881	1.796	0.621	0.603	2.818	1.856	0.422	0.422
Permitted SHGC	123.245	0.11	13.556					
SHGC acceptable as achieved SHGC of 8.881 < Permitted SHGC 13.556								

FENESTRATION DETAILS

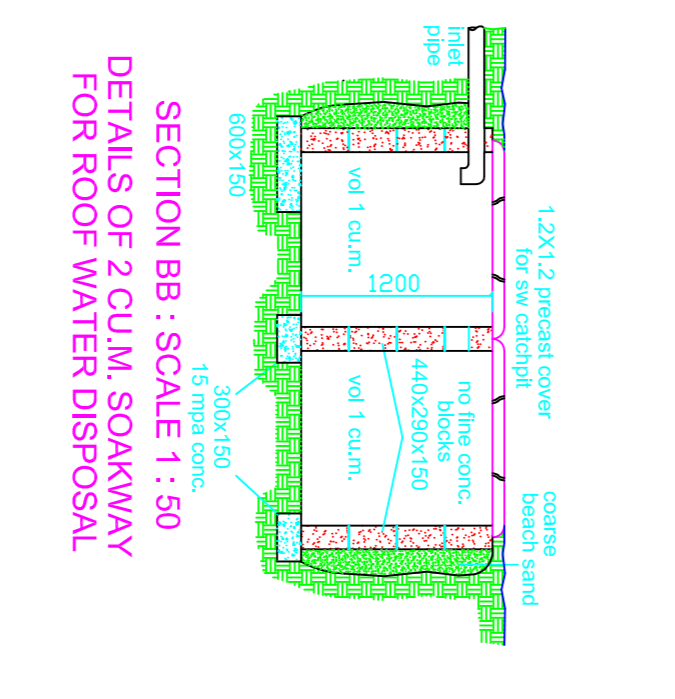
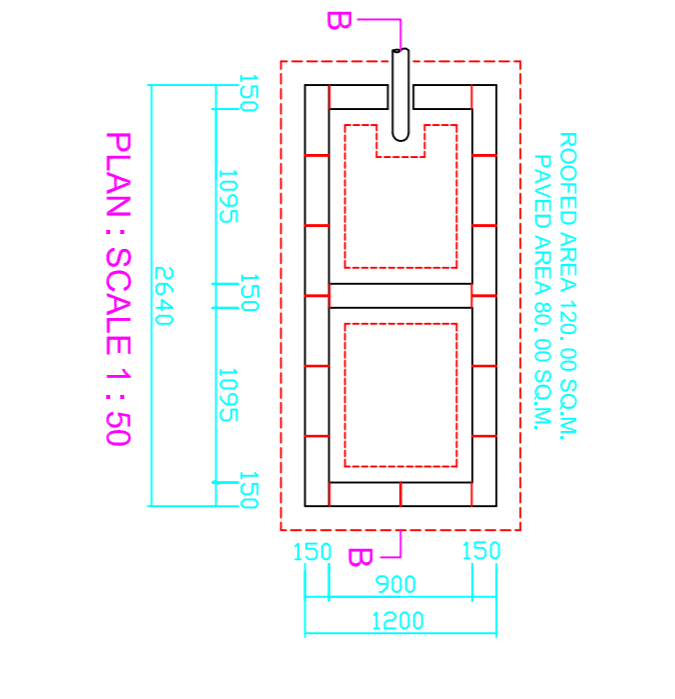
WINDOW CODE	TYPE	NO. OF	AREA	PROJECTION	NET FLOOR AREA OF FIRST FLOOR	FENESTRATION IN RELATION TO NET FLOOR AREA	CONDUCTANCE - CONSTANT
FF1a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF1b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF2a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF2b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF3a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF3b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF4a	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000
FF4b	Wood framed Alum. framed	all round	1700X1000	1700	1700	0.0003	1.000

FIRST FLOOR

Orientation	East	East	South	West	West	North
Orientation	East	East	South	West	West	North
Window Code	FF1a	FF2	FF3	FF4	FF4	FF4
NO. OF	1	4	1	1	1	1
G-Value	4.280	1.715	1.715	1.715	1.715	1.715
Projection	370/2=0.185	370/2=0.185	370/2=0.185	1.567/3=0.522	1.987/3=0.662	370/2=0.185
Height	5.380	2.815	2.815	3.815	3.815	2.815
PI Value	0.034	0.085	0.070	0.512	0.085	0.085
Area of (1)	0.77	4.84	0.77	6.300	6.300	1.485
Area of (2)	0.84	0.59	0.32	0.82	0.75	0.24
Exposure(2)	0.77	0.77	0.77	0.77	0.77	0.81
G-Value(3)	0.488	2.313	0.189	3.007	3.838	0.288
SHGC	0.488	2.313	0.189	3.007	3.838	0.288
SHGC achieved	0.933	2.313	0.189	3.007	3.838	0.288
Permitted SHGC	110.880	0.11	12.197			
SHGC acceptable as achieved SHGC 8.933 < Permitted SHGC 12.197						

GLAZING DETAILS

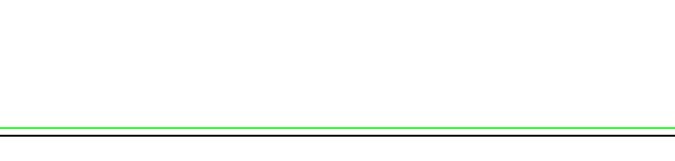
Glazing Ref	Height	Width	Area sqm	Type of glass	Thickness
1	900	350	0.315	Monolithic annealed	3mm
2	1000	600	0.600	Monolithic annealed	3mm
3	2725	600	1.635	Laminated safety	6mm
4	2000	700	1.400	Laminated safety	6mm
5	1580	500	0.790	Laminated safety	6mm
6	800	600	0.480	Laminated safety	6mm
7	800	800	0.640	Laminated safety	6mm
8	1000	450	0.450	Monolithic annealed	3mm
9	1800	1300	2.340	Laminated safety	6mm
10	1000	550	0.550	Monolithic annealed	3mm



EAST ELEVATION OF BOUNDARY WALL 1



SOUTH ELEVATION BOUNDARY WALL 2



ALTERATIONS AND ADDITIONS  
TO DWELLING  
FOR ISMAIL BHANA TRUST  
AT 125 PETER MAKOKA ROAD, DURBAN  
ON ERF 197 SPRINGFIELD

SCALE 1 : 100

DRAWN: F. BUDHO  
REGISTRATION NO.: D0051  
53 POLYMAN ROAD  
DURBAN 4001  
PHONE: 031-282271  
DRAWING NO.: 15-05-2013/1

OWNER: AUTHOR