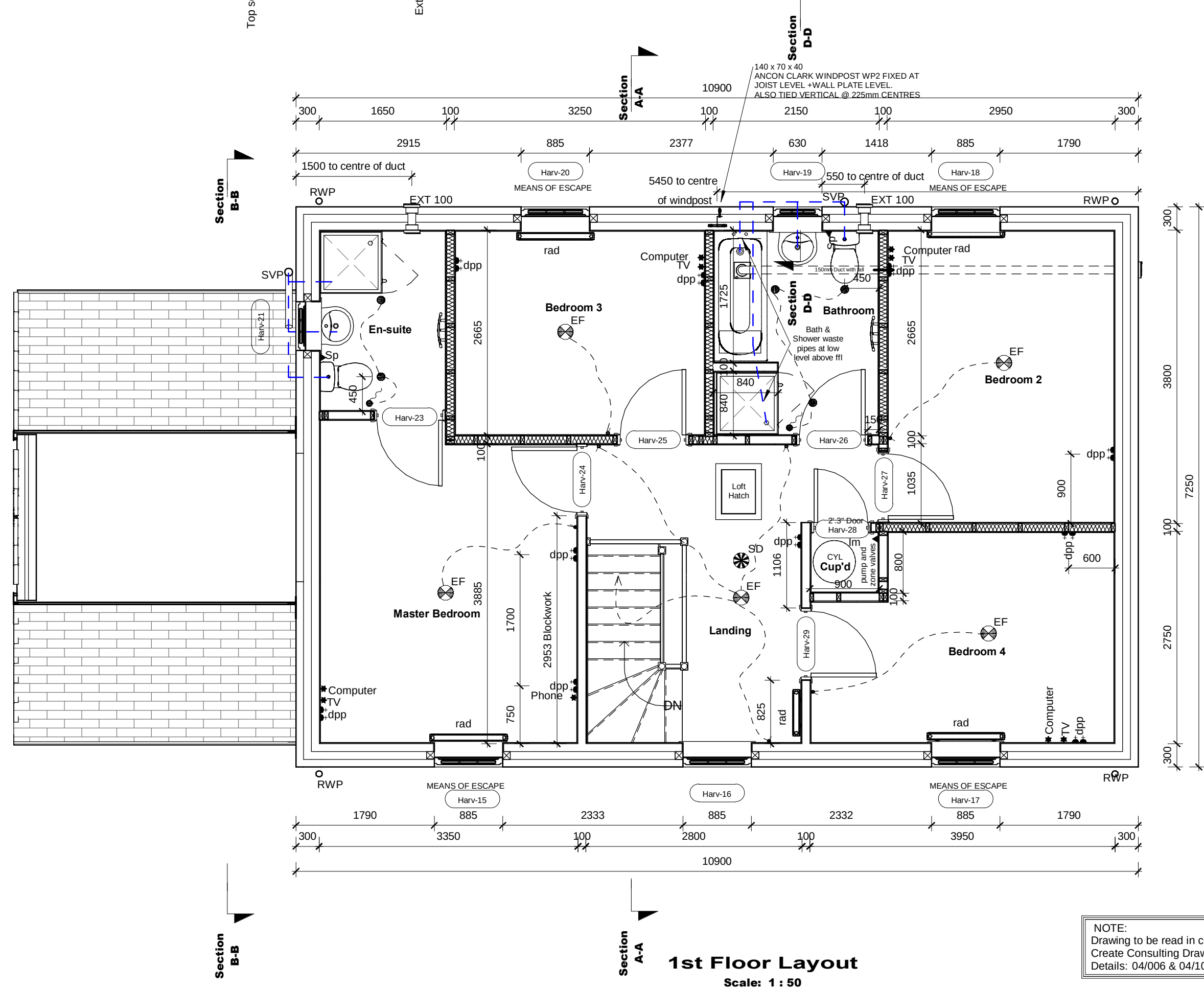
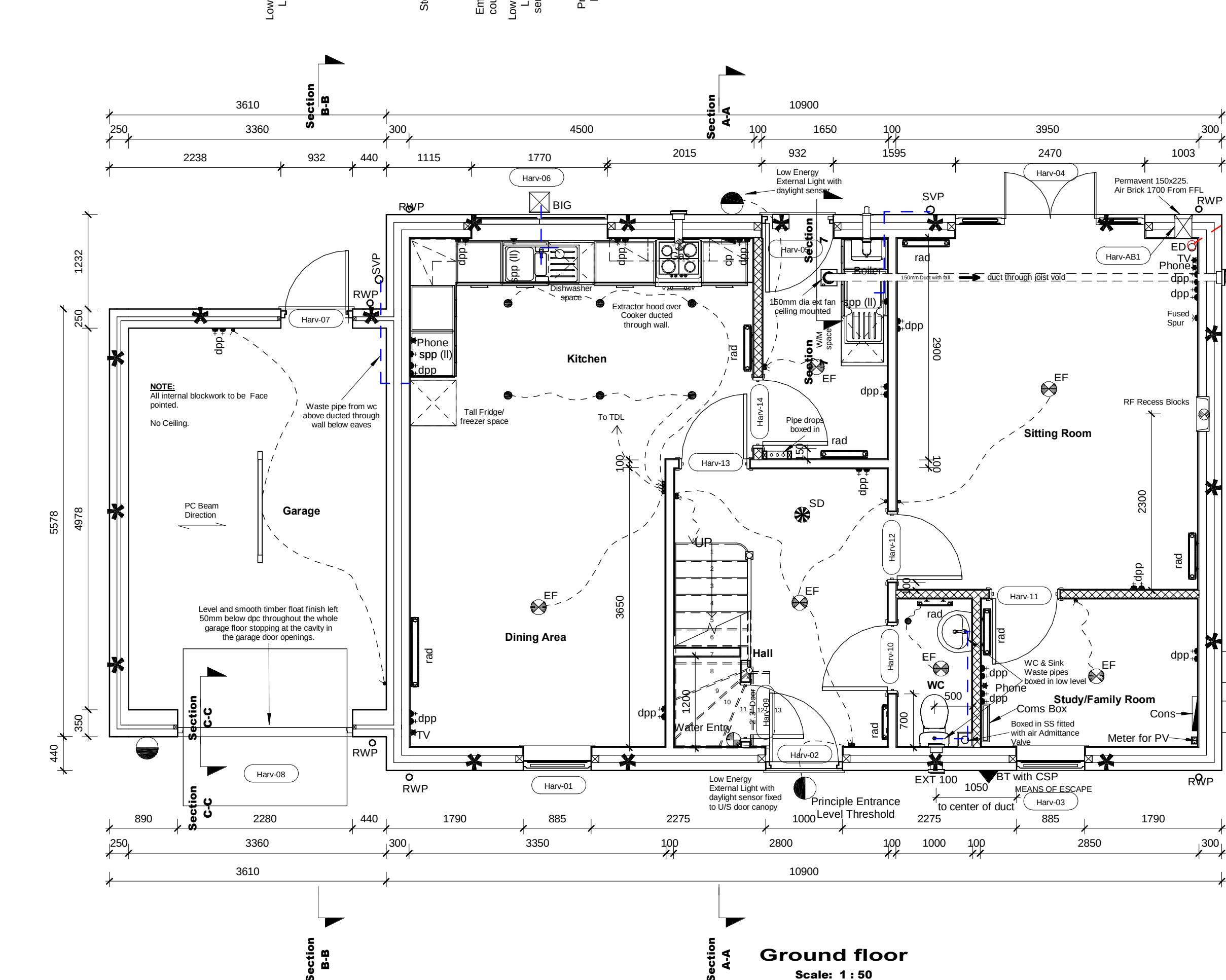
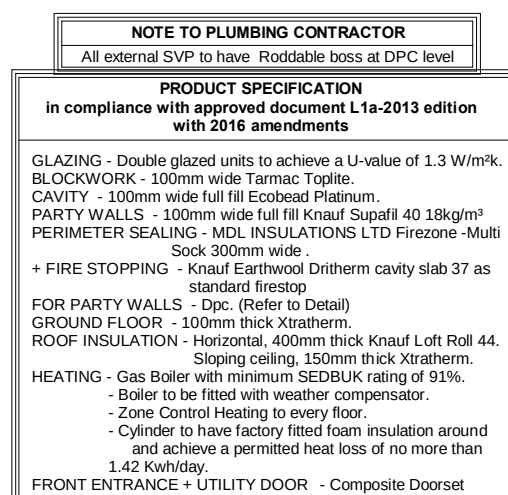
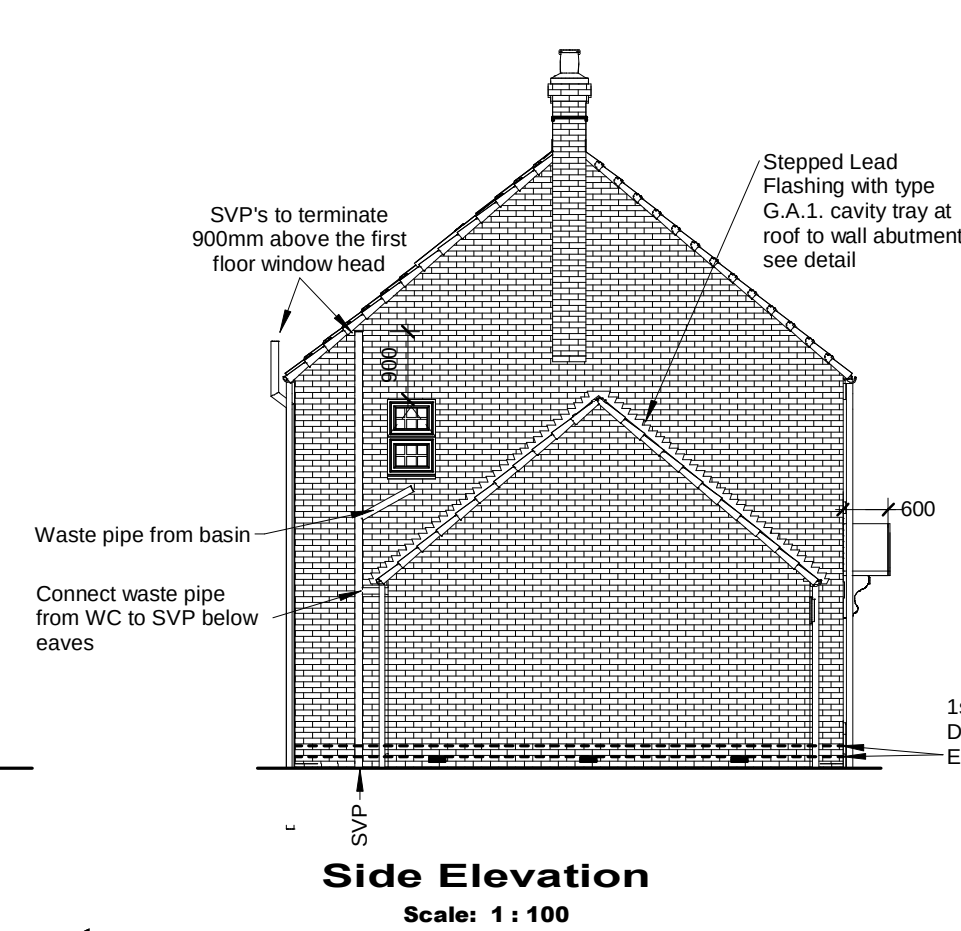
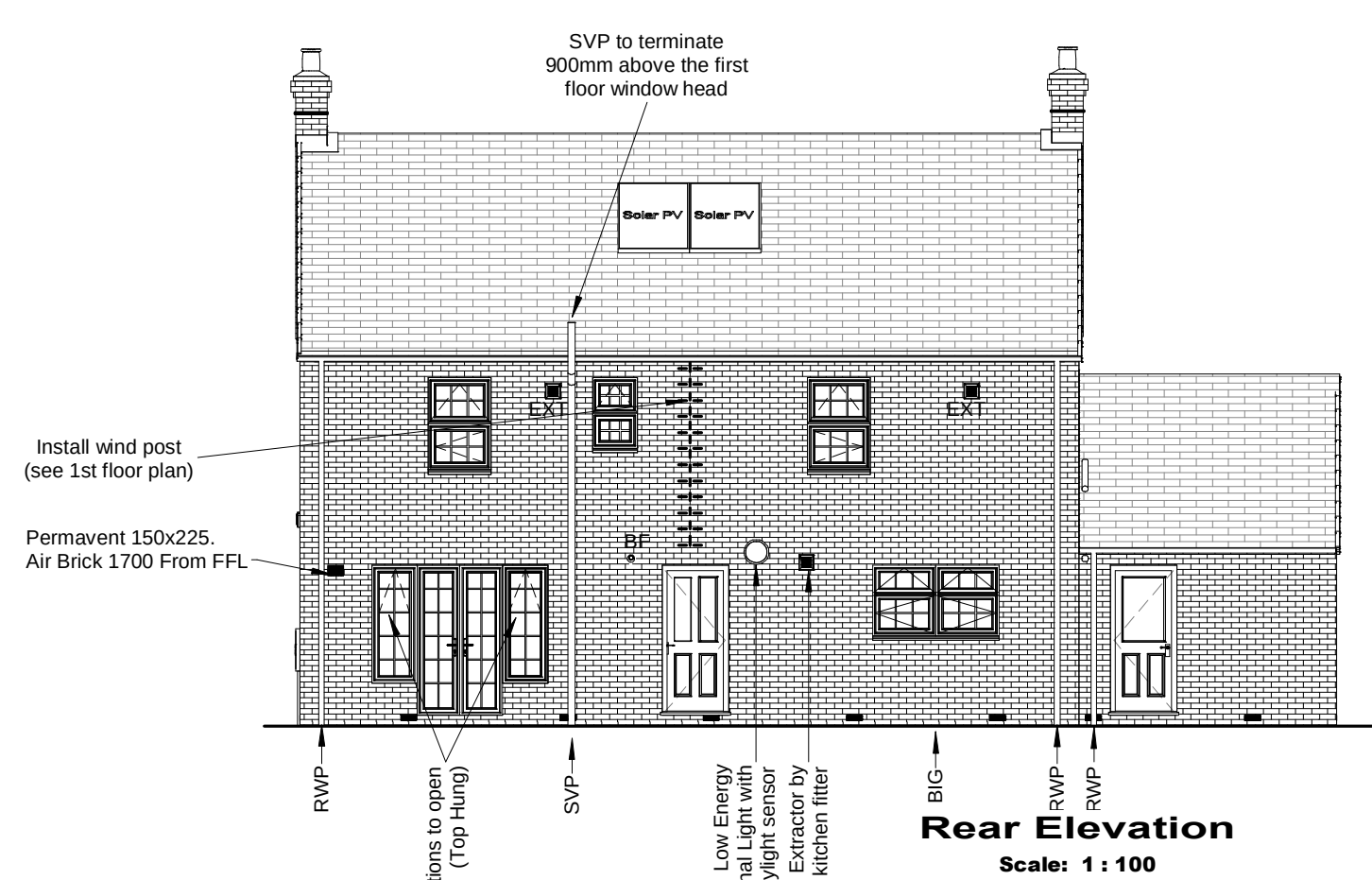
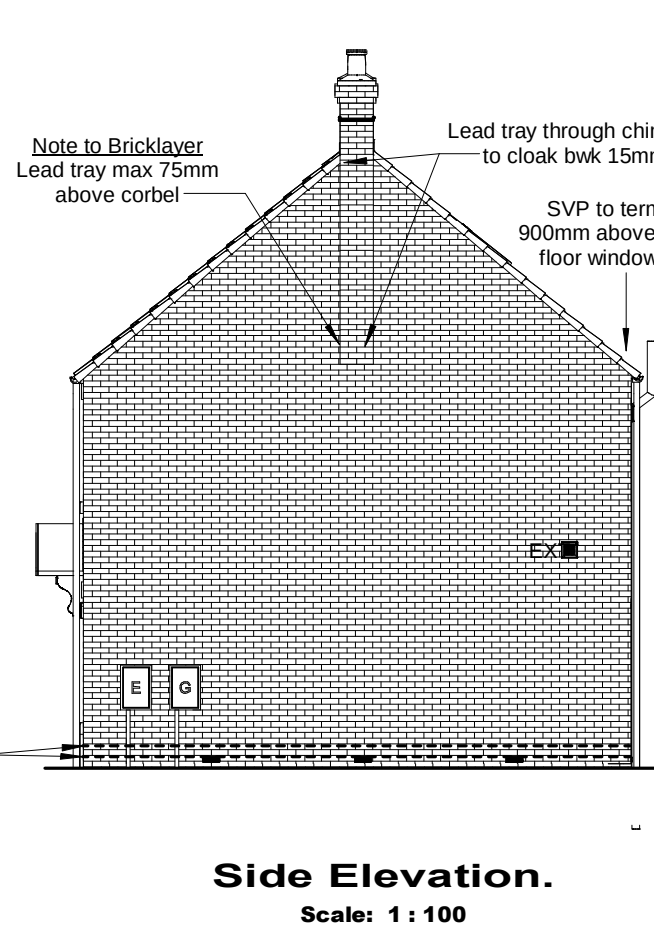
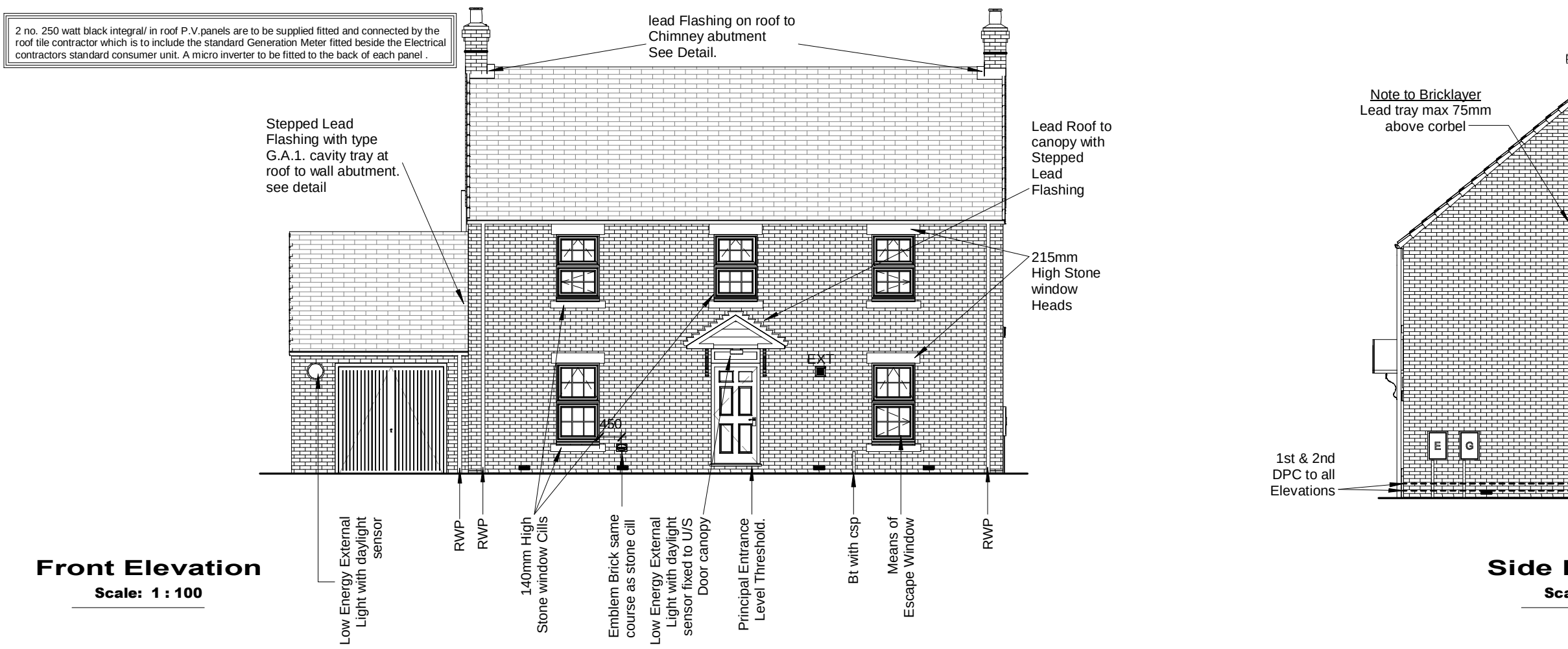


2 no. 250 watt black integral/ in roof P.V. panels are to be supplied fitted and connected by the roof tile contractor which is to include the standard Generation Meter fitted beside the Electrical contractors standard consumer unit. A micro inverter to be fitted to the back of each panel .

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All dimensions to be checked on site - do not scale from drawing, any discrepancies please report to drawing office as soon as possible.



Part E - Provide 100mm insulation quilt between vertical studs in partitions as shown

PLUMBING SPECIFICATION	
Plumbing Contractor to ensure all works conform to Approved Document Part G - 2015 edition with 2016 amendments.	
All sanitaryware, appliances and taps (except both taps) to be installed in accordance with the flow rates given below.	
SINK - Dual Flush 6.4 litres (when no shower is present to be 4/2.6 litres)	
SINK / BASIN TAPS - Fit flow restrictors to limit to 4 litres per minute.	
BATH - To hold maximum 149 litres.	
SHOWER - To flow no greater than 12 litres per minute.	
T.R. - Heated Towel Rail Radiator (on main system)	

DOOR / WINDOW / GLAZING SPECIFICATION

Window = Door Manufacturer/Contractor to ensure all works conform to Approved Document Part K4-2013 edition + Part B. 2006 edition with 2018 amendments & Part Q - 2015 edition.

Double Glazed units to achieve a U value of 1.3 W/m²K

Use Greenwood Air Vac Trickle Vents to all Windows:

Model 3000s fitted to 410 - 488 windows to give 3000 free area / 1800 equivalent area.

Model 5000EA fitted to 630 - 885 windows to give 5000 equivalent area.

Any Change in actual trade sizes used must conform to these minimum requirements.

SERVICES KEY			
RWP	= Rain Water Pipe	SVP	= Soil & Vent Pipe
WC	= Toilet Connection	WA	= Waste Adapter
SS	= Stub Stack with air Admission Valve	BIG	= Back Inlet Gully
ED	= Electric Duct	 Water	= Water Entry

ELECTRICAL SPECIFICATION			
Electrical Contractor to ensure all outlets conform to Approved Document part P 2013 edition			
All wall mounted switches or socket outlets to be positioned between 450-1200mm above floor level and a min 300mm from internal corners			
Control Switches on Consumer unit to be 1400mm above finished floor level. Avoid switches or sockets back to back with any internal or party wall.			
<u>FIRE NEWBORN TO THE PREMISES</u>			
<u>ESCU (FIRE FIGHTER SUPPLY POINT EXTERNAL)</u>			
CODE BOX - TO HOUSE ALL INTERNAL COMPONENTS. USE BOX TO BE 450 FROM FIN FLOOR LEVEL			
★ - PHONE - TELEPHONE OUTLET ★ - COMPUTER - PERSONAL COMPUTER OUTLET ★ - TV - TELEVISION OUTLET			
 External Light	= Low Energy External Light with Day Light Sensor	 Heat Detector	= Heat Detector
 SD	= Smoke Detector	 EF	= Energy efficient pendant light fitting
 Fused SP	= Fused Spot		= Energy efficient Spot light fitting
 IMM	= Immersion Heater	 bt	= BT Point
 SP	= Shunting Socket	 dpp	= Double Power Point
 spp (II)	= Single Power Point at low level		= Strip Light
 Extr. Ext.	= Merchandiser Extractor Fan with 100mm or 150mm Diameter duct specified		
 Cons. Unit	= Consumer Unit		

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Plots 6 House Type Harvard Ground Floor Door, Window & Lintel Schedule					
No.	Description	Width x Depth	Lintel Type	Lintel Length	Means of Escape
Harv-01	Window PVCu	885 x 1650.	IG L1-S-100	1200	No
Harv-02	Composite Door with Level Threshold + PVCu Fanlight	Fanlight 1000 x 300. Door 1000 x 2100.	IG L1-HD 100	1350	
Harv-03	Window PVCu	885 x 1650.	IG L1-S-100	1200	Yes
Harv-04	PVCu French Door with Side Lights	Door 1200 x 2100. Side Lintel (each) 635 x 1650.	IG L1-HD 100	2850	
Harv-05	Composite Door	Door 932 x 2100.	IG L1-S-100	1350	
Harv-06	Window PVCu	1770 x 1050.	IG L1-S-100	2100	No
Harv-07	External door uPVC	Door 932 x 2100.	IG L1-S-50	1350	
Harv-08	External Garage Door Garador 'Carlton' Frame UF 7070N	2280 x 2100.	IG L1-S-50	2700	
Harv-09	Internal Door 2' - 9"	780 x 1950.	N/A	0	
Harv-10	Internal Door 2' - 9"	932 x 2100.	IG box beam 100	1350	
Harv-11	Internal Door 2' - 9"	932 x 2100.	IG Internal Type	1200	
Harv-12	Internal Door 2' - 9"	932 x 2100.	IG box beam 100	1350	
Harv-13	Internal Door 2' - 9"	932 x 2100.	IG box beam 100	1350	
Harv-14	Internal Door 2' - 9"	932 x 2100.	IG box beam 100	1350	

Harvard Background Vents Schedule			
Operating	Air Brick Location	Background Vent Type and Size	Total Per Opening
Harv-01		1 x 5000 EA	5000
Harv-03		1 x 5000 EA	5000
Harv-04		2 x 5000 EA	10000
Harv-06		2 x 5000EA	10000
Harv-15		1 x 5000 EA	5000
Harv-16		1 x 5000 EA	5000
Harv-17		1 x 5000 EA	5000
Harv-18		1 x 5000 EA	5000
Harv-19		1 x 5000 EA	5000
Harv-20		1 x 5000 EA	5000
Harv-21		1 x 5000 EA	5000
Harv-AB1	Sitting Room	2 x 6170 (Double)	12340
Total Background Ventilation =			77340

Type Harvard Floor Areas	
Name	Area
Ground Floor Area	68.42 m ²
1st Floor Area	68.42 m ²
Total Floor Area	136.84 m ²

Plot 6 House Type Havard 1st Floor Door, Window & Lintel Schedule					
No.	Description	Width x Depth	Lintel Type	Lintel Length	Means of Escape
Hav-15	Window PVCu	885 x 1350.	IG LI-S 100	1200	Yes
Hav-16	Window PVCu	885 x 1350.	IG LI-S 100	1200	No
Hav-17	Window PVCu	885 x 1350.	IG LI-S 100	1200	Yes
Hav-18	Window PVCu	885 x 1350.	IG LI-S 100	1200	Yes
Hav-19	Window PVCu	630 x 1050.	IG LI-S 100	1050	No
Hav-20	Window PVCu	885 x 1350.	IG LI-S 100	1200	Yes
Hav-21	Window PVCu	630 x 1050.	IG LI-S 100	1050	No
Hav-22	Internal Door 2' - 9"	932 x 2100.	N/A	0	
Hav-24	Internal Door 2' - 9"	932 x 2100.	N/A	0	
Hav-25	Internal Door 2' - 9"	932 x 2100.	N/A	0	
Hav-26	Internal Door 2' - 9"	932 x 2100.	N/A	0	
Hav-27	Internal Door 2' - 9"	932 x 2100.	N/A	0	
Hav-28	Internal Door 2' - 3"	780 x 2100.	N/A	0	
Hav-29	Internal Door 2' - 9"	932 x 2100.	IG Internal Type	1200	

