



Added roof volum cauculation :

Main roof add Triangular Prism:
 $B * C / 2 * A = 3.36 * 2.24 / 2 * 4.58 = 17.23m^3$

Lower back roof add Square prism
 $(D + E) * F / 2 * G = (0.68 + 2.27) * 2.62 / 2 * 4.66 = 18.01m^3$

Total added volum: $17.23 + 18.01 = 35.24m^3$

which is less 40m³ ,within permitted development right allowance

Propsoed Left Elevation 1-100 @ A3

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|--------------------------------------------------|-------------------------|--------------------------------------|-------------------|
| (SD) Smoke detector & Fire Alarm | (IP) Indicator Panel | [FD30] 30 Min Rated Fire Door | ⊕ Spot Lights |
| (HD) Heat Detector | (CP) Manual Call Point | [Hatched] Existing Structure Walls | ○ Pendant Lights |
| (H ₂ O) H ₂ O Extinguisher | [EL] Emergency Lighting | [Patterned] Existing Partition Walls | — Single Radiator |
| (CO ₂) CO ₂ Extinguisher | [FB] Fire Blanket | [Cross-hatched] New Partition Walls | ≡ Double Radiator |

CLIENT	Mrs & Mr	DRAWING NO.	DESIGNED BY	SCALE
PROJECT ADDRESS	37 Collingwood Road Sm1 2RT	P-06	JOHN	1 : 100
			APPROVED BY	DATE
				08/02/24