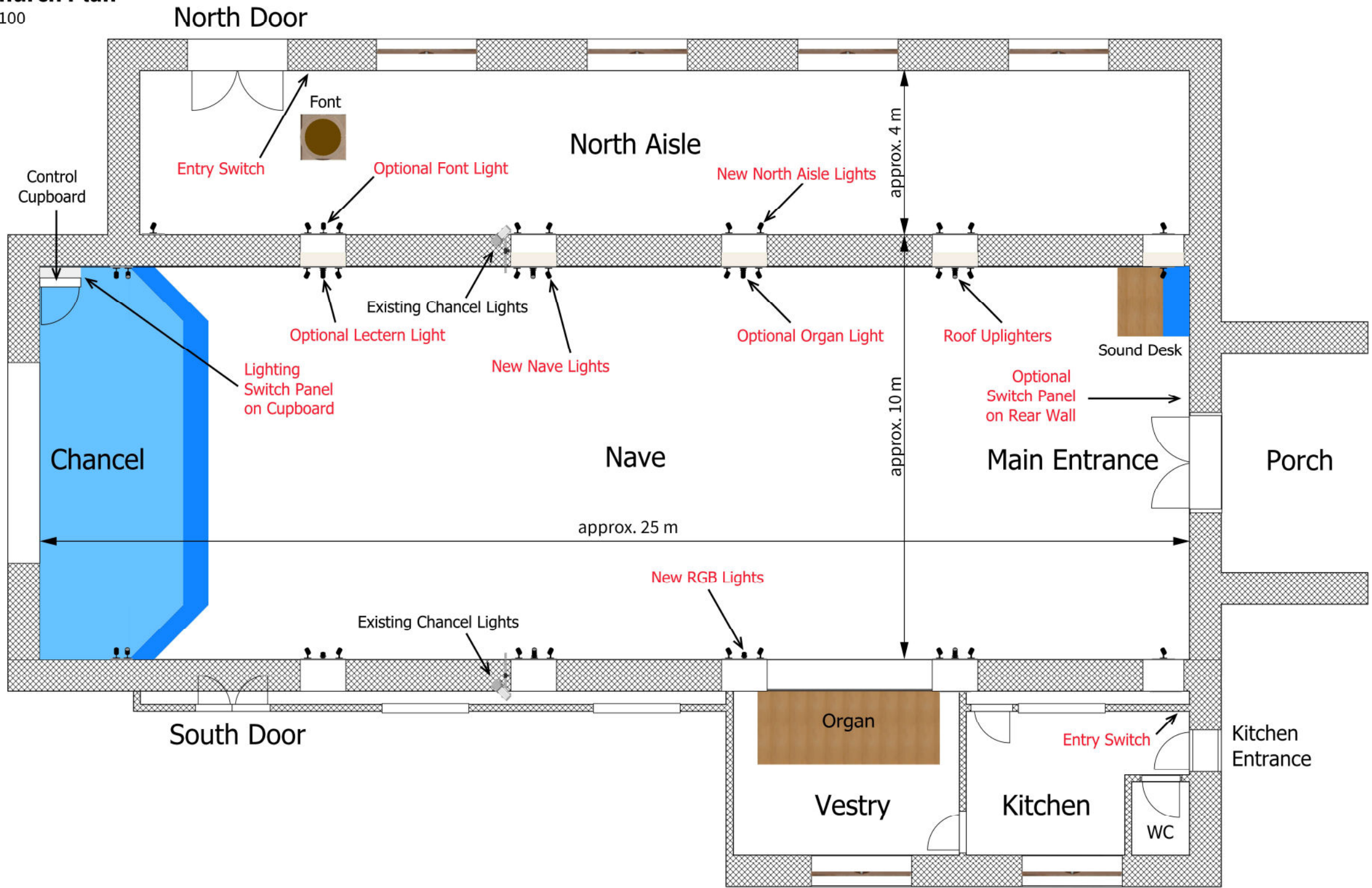


Church Plan

1:100



Proposed Track Lights



Proposed Lighting Track



Proposed RGB Lights



Notes:

- 1 Proposed new Track Lights: SEDA HE 23W Warm White 140 lm/W
- 2 Proposed new RGB Lights: Eurolite LED IP65 Spot RGBW 15W
- 3 Lighting Track 1m Maximum Length
- 4 Elevation of existing lights = 8.3 m
- 5 Proposed elevation of Track Lights = 6 m
- 6 Proposed elevation of RGB Lights = 5.7 m
- 7 All new lights controllable 0 - 100%
- 8 Mains wiring to be FP200 ZHLS white sheathed
- 9 Old lights to be removed

Power Budget:

Existing Nave lights power = 20 x 300 W = **6,000 W**
New lights (maximum power):
- Nave = 20 x 23 W = 460 W
- North Aisle = 10 x 23 W = 230 W
- RGB Lights = 8 x 16 W = 144 W
- Roof Uplighters = 6 x 23 W = 138 W
- Optional Organ, Lectern & Font = 3 x 23 W = 69 W
- Spare Lighting Capacity = 175 W
- Total = **1200 W**
Minimum Power Saving = **4,800 W**

1	23/05/25	Lights changed. Plan view added, North Aisle, switch panels added
0	20/10/24	Original
Title: St Paul's Letchworth Garden City Lighting System Plan		
Drawn:	N. Pickett	Date: 20/10/24
Chkd:		Size: A3
Drg No.: NP1101	Sheet: 2	Rev: 1

