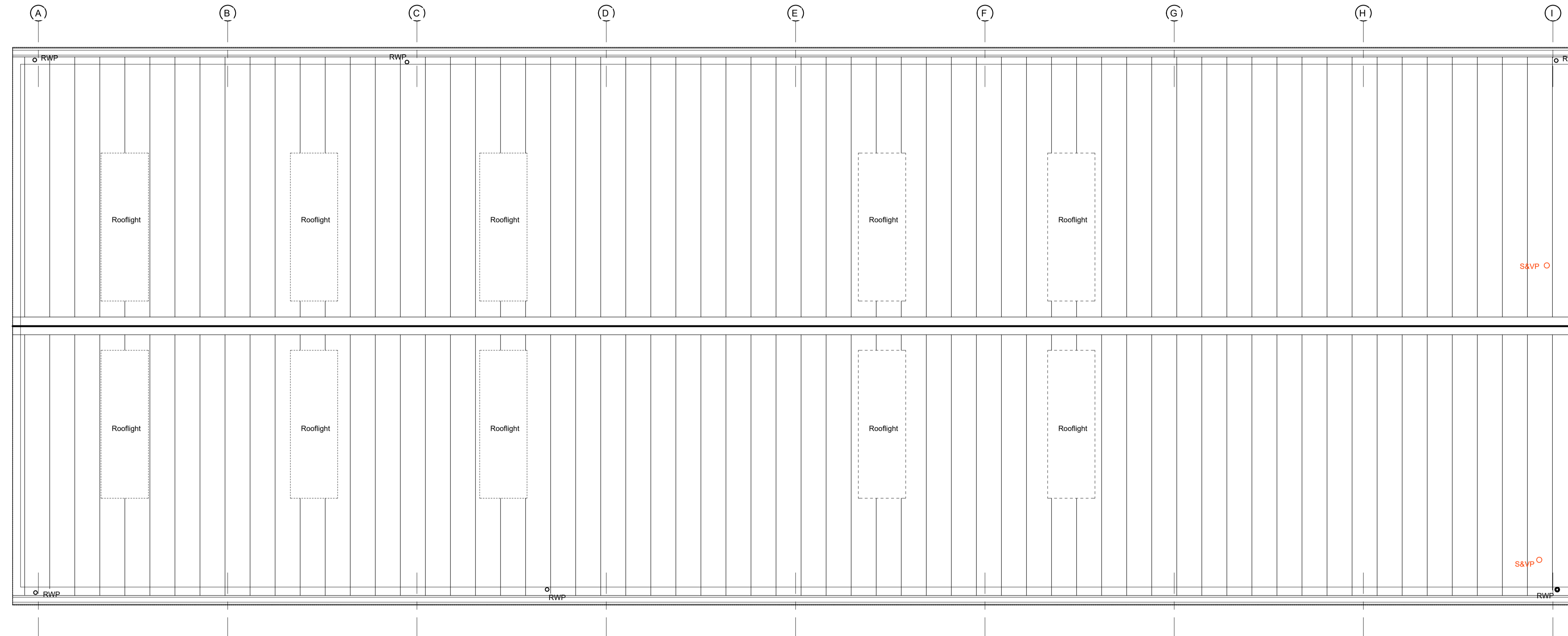


THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON SITE. ANY DISCREPANCY SHOULD BE REPORTED TO THE CONSULTANT PRIOR TO COMMENCEMENT OF ANY WORKS.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND SERVICES.
THIS DRAWING IS COPYRIGHT AND IS NOT TO BE REPRODUCED WITHOUT WRITTEN CONSENT OF THE PARTNERSHIP.

0 1 2 3 4 5 6 7
1:50 Scale Bar. Units: Metres



RAINWATER GUTTERS AND DOWN PIPES

Kingspan Industrial Highline Gutter or similar, to be used in conjunction with Kingspan insulated roof panels, as well as ancillary components including:

- Preformed gutter corners.
- Gutter brackets.
- Buttstraps.
- Gutter support arm.
- Stop ends.
- Outlets.
- Overflows.
- Swannecks.
- Down pipes.
- Downpipe brackets.
- Shoes.

Industrial Highline Gutter size recommendations with respect to roof pitch: Ref KSHG/24 - 24° roof pitch. Steel to BS EN 10346.

VENTILATION

Extract fans are to be installed to ventilate the WC's. The fan is to be an in-duct type, situated above the ceiling, extracting through ceiling grilles, and venting through the roof via a suitable terminal. It is to extract at a rate of 12 litres per second, and to be light switch operated, with a 15 minute overrun. The doors to the WC's are to be fitted with a 10 mm gap to the underside to allow for the ingress of air.

The kitchen area will be provided with an extract fan extracting at a rate of 60 litres/second, and operated by a switch on the wall nearby. The fan will vent through a ceiling grille with a duct up to a ridge vent.

Mechanical extract ventilation is to be installed to comply with the energy efficiency requirements of App. Doc L2 Clauses 1.60 to 1.68. Specific fan powers are to not exceed 2 W/l/s. The heating engineer is to demonstrate compliance to the satisfaction of the Building Inspector.

MECHANICAL VENTILATION.

Compliance with AD.F 2021 Edition will be achieved using 1.8a, incorporating a combination of background ventilators and localised intermittent extract fans & 1.8c. Purge ventilation to Food Prep, Servery and Kitchen/Wash up areas. Purge ventilation system will be designed/specified by specialist supplier and installed/commissioned by specialist contractor.

Comply with Table 1.1 which covers relevant areas and standards including :

Catering & commercial Kitchens - Standards quoted.
Sanitary accommodation - 6 litres/sec. per WC pan or urinal.

All ventilation to be provided through wall fans or ceiling fans ducted to suitable roof terminals with slate flashing unit. Details to be agreed and confirmed before works.

10mm air gap should be provided under the door.
Fans to be wired through isolation switch located at 1375mm above floor level.

LIGHTING

Energy efficiency
Fire safety in suspended ceiling

Artificial lighting to the Office area will consist of surface mounted fluorescent luminaires fixed to the underside of the ceiling; to provide 500 lux at desk level. Toilet areas to be provided with surface mounted 2D fluorescent fittings. Other areas to be provided with suspended fluorescent fittings.

Elsewhere

New lighting is to consist of fluorescent tubes, with high efficiency control gear. The lighting system installed is to have an efficiency of not less than 50 lamp lumens per circuit watt.

Light switches to be no more than 8 m from the luminaire(s) which they control.

All new luminaires to be capable of taking low energy light fittings

C - Add Scale Bar. 15/01/24

REVISION DATE

PROJECT:
Community and Spiritual Centre
Court place Farm, Marston

CLIENT:
Paul Harris

DRAWING:
Roof Plan

DRAWING NUMBER:
5550/42/C

SCALE @ ALL DATE
1:50 20/12/23

DRAWN CHECKED
MEJA



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