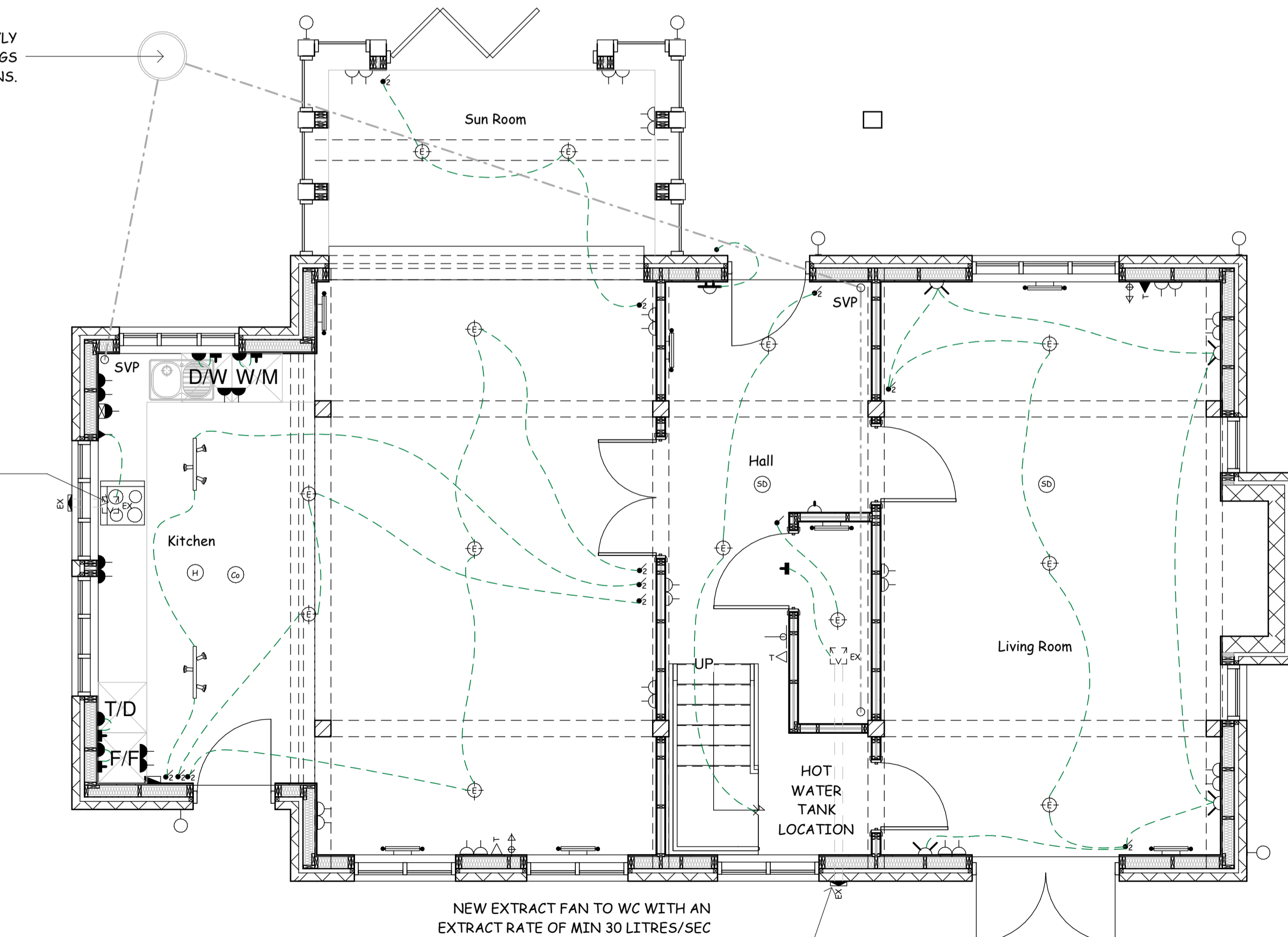


**Proposed First Floor Plan - Electrical**  
1 : 50

FOUL DRAINAGE SHOWN INDICATIVELY REFER TO CIVIL ENGINEERS DRAWINGS AND SPECIFICATIONS.



**Proposed Ground Floor - Electrical**  
1 : 50

NEW EXTRACT FAN TO WC WITH AN EXTRACT RATE OF MIN 30 LITRES/SEC DUCTED TO EXTERNAL AIR THROUGH WALL, WIRED TO LIGHT SWITCH WITH OVER-RUN DELAY.

**ELECTRICAL INSTALLATION:**

The Electrical installation must be undertaken by an appropriately qualified person and must comply in all respects to the current I.E.E. Regulations. Where necessary the contractor must liaise with the electricity supply Company to confirm the electrical loadings, the nature and location of the supply, its suitability for the installation, the earthing arrangements and the location for any external meters. No conduit or wiring should be exposed and all wires in the roofspace to be clipped to the top of ceiling joists and not covered with insulation. There should be no conduit or wiring in cavities of external walls. Sockets and switches and other equipment should be placed at appropriate heights between 450-1200mm from finished floor level according to Paragraph 8.3, Section 8 of Part M of the Building Regulations. Applicable to all rooms including kitchens and bathrooms. TV aerial sockets and telephone sockets to be provided in suitable locations in the living room. A dimmer switch, contrasted in colour or tone against its background, should be provided in the hallway and positioned on the wall opposite the hinge side of the door.

Minimum of sockets to be provided:  
living room : 4 double dining room : 2 double or 1 double in the dining area of a kitchen/dining room double and twin bedrooms: 3 double single bedroom: 2 double  
Further single sockets are required in halls and landings  
TV aerial sockets and a telephone should be provided in suitable locations in the living room.

**MECHANICAL INSTALLATION:**  
The mechanical installation to be undertaken by an appropriately qualified person and must comply in all respects with the current Codes of Practice, Building Regulations and the associated Approved Documents. Radiators to be pressed steel panel type and fitted with thermostatic valves on the flow pipes and lock shield valves on the return pipes. Sanitary accommodation must be ventilated by means of an extract fan activated by the light switch with timed over-run facility, humidistat, back draught shutter and manual override. Alternatively, the extract fans may be operated by means of a passive infra red detector.

**NOTE:**  
ALL ELECTRICAL ELEMENTS SHOWN ARE INDICATIVE ONLY. REFER TO THE MECHANICAL ENGINEERS DRAWINGS AND SPECIFICATIONS.

**STANDARD DETAILS:**  
SEE STANDARD DETAILS FOR POSITION OF LIGHT SWITCHES UNLESS OTHERWISE DIMENSIONED. SEE STANDARD DETAILS FOR POSITION OF SOCKETS UNLESS OTHERWISE DIMENSIONED. SEE STANDARD DETAILS FOR POSITION OF RADIATORS UNLESS CENTRAL TO A WINDOW

**VENTILATION:**  
To be provided as follows:-

Room	Rapid Ventilation (Opening windows)	Background Ventilation	Extract vent (Fan rates)
Habitable	1/20th floor area	8000 sq mm	--
Bathroom Ensuite	Opening window	4000 sq mm per Bath/Shower	15 litres/sec per bath/shower
Kitchen	Opening window	8000 sq mm	30 Litres/Sec

**CARPENTRY :**  
100 x 75mm s.w. timber plate to be strapped to wall at 1.5m cts. with 30 x 5mm M.S. galvanised straps minimum length 1000mm. Provide and fix to new door openings 32mm softwood linings with 75mm pencil round architraves. Provide and fix to new door openings new suitable width doors, complete with all necessary ironmongery to client's choice.

- Contractor to ensure that commissioning and appliance test sheets are available for inspection for all appliances, flues, boilers etc. See appendix A Approved Document J.
- Contractor to ensure that flue-less appliances (gas cookers, fires) are provided with permanent ventilation for combustion.
- Contractor to ensure that heating appliances are labeled in accordance with Approved Document J.
- On completion of the work a certificate is required from an approved person who is registered as part of a self certification scheme specifying that the requirements of Part "J" have been satisfied.

METER LOCATIONS TO BE AGREED WITH CLIENT ON SITE AND APPROVED BY BUILDING CONTROL. EXACT LOCATIONS OF METER LOCATIONS AND INCOMING SERVICES TO BE AGREED WITH THE UTILITY PROVIDER.

ELECTRICAL SYMBOLS LEGEND		
	Twin switched socket outlet 13A	Mounted 450 above F.F.L.
	Twin switched socket outlet 13A	Mounted 1050 above F.F.L.
	13A Socket in appliance place	Mounted 450 above F.F.L. Separately switched
	Twin switched socket outlet 13A	Mounted above F.F.L. height quoted
	13A Single Switched Socket	Mounted 450 above F.F.L.
	Fused switch to cylinder/cooker hood & Extract fans (N) + flame indicator	
	Fused connection to boiler where applicable	
	Shower Socket Block	Mounted 1800 above F.F.L.
	Cooker control Panel	Mounted 1050 above F.F.L.
	Low Energy Pendant Lamp	
	External Lamp with Motion Sensor	
	Fluorescent Tube Light	
	Switch	Mounted 1050 above F.F.L.
	2 Way Switch	Mounted 1050 above F.F.L.
	Bell Sounder	
	Bell Push	
	TV Aerial Outlet	Mounted 450 above F.F.L.
	Wall mounted mechanical extract fan	
	Ceiling mounted mechanical extract fan	
	Isolator Switch	
	PIR Light motion sensor, Ceiling mounted	
	Wall mounted telephone socket	Mounted 450 above F.F.L.
	Wall mounted master telephone socket	Mounted 450 above F.F.L.
	Radiator Position (indicative) Exact locations to be agreed with client	
	Thermostat	
	Electric Meter Box Wall Mounted (Exact Location to be agreed with Utility Supplier)	
	Gas Meter Box Wall Mounted (Exact Location to be agreed with Utility Supplier)	
	Consumer Unit & DB (distribution board)	
	Carbon Monoxide Detector	
	Heat Detector	
	Fully Automatic Smoke Detector to BS 5839-6: 2004 (Minimum 2No.) To be Permanently wired to a separately fused circuit of the distribution board. Where more than one are notified they will be inter-connected. Wiring shall conform to IEE wiring regulations. Smoke detector to have battery backup and to be located a min. of 300mm away from any wall and light fitting.	
	Shelf for Hazardous Containers, Bleach Etc.	
	5 Amp plug socket connected to wall switch	Mounted 450 above F.F.L.

**NOTES:**  
THIS DRAWING IS COPYRIGHT. DO NOT SCALE FROM THIS DRAWING. WORK TO FIGURES DIMENSIONS ONLY. CHECK ALL DIMENSIONS ON SITE. ANY DISCREPANCIES TO BE NOTIFIED TO THE ARCHITECT.

**NOTES:**  
DRAWINGS HAVE BEEN PRODUCED FOR PLANNING AND BUILDING REGULATIONS PURPOSES ONLY. THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 (CDM) IS THE RESPONSIBILITY OF THE CLIENT/ CONTRACTOR UNLESS OTHERWISE AGREED IN WRITING.

**NOTE:**  
TIMBER FRAE DETAILS INDICATIVE ONLY. REFER TO SPECIALIST DETAIL AND SPECIFICATIONS.

TIMBER FRAME SPECIALIST REQUIRES STRUCTURAL SCREED TO BE IN PLACE BEFORE THE DELIVERY OF THE TIMBER FRAME.

**SETTING OUT:**  
ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND STUD CENTRES.

**LINTELS:**  
REFER TO STRUCTURAL ENGINEERS DRAWINGS.

**MOVEMENT JOINTS:**  
SEE STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS AND LOCATIONS.

**DRAINAGE:**  
SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES. CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

**INTERNAL DRAINAGE:**  
ALL SVP BOXING OUT TO INCORPORATE 25mm SOUND INSULATION. HORIZONTAL SVP'S IN FLOOR VOIDS TO BE SURROUNDED WITH 75mm INSULATION QUILT.

**MECHANICAL & ELECTRICAL**  
SEE M&E ENGINEERS DRAWINGS FOR DETAILS AND LOCATION

**FIRE PROTECTION**  
REFER TO THE FIRE STRATEGY DRAWINGS.

**STANDARD DETAILS:**  
REFER TO TAYLOR LANES DRAWINGS AND SPECIFICATIONS FOR FURTHER DETAILS.

DRAFT

P00P016/12/20	Amended to Client Comments	MB
ISSUE NO	ISSUE DATE	NOTES
		ISSUE BY

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PROJECT ADDRESS Coglan Orchard, Longhope

JOB TITLE Coglan Orchard

DRG TITLE Proposed Electrical Floor Plans

DRG NO R566-07-A1

SCALE 1 : 50 DATE 11/30/20 DRAWN MB CHK RA