Greenlighting ECO800 Recessed Spotlights indicated on Layout.
Note: If **ANY** other recessed spotlight manufacturer is proposed, please ensure reference is made to Bellway Technical Alert ref: 3.0 TechAlert - Downlight and Noggins_01_V1.0 and Recessed Downlighting and Noggin Summary_01_V1.2 dated 06/04/20 to establish correct installation protocols.

2021 Regulations
All radiators sizes illustrated here are to satisfy 2021 regulations.

All Radiators and Extract Fan locations shown in orange are to be provided for 2021 Regulation properties only.

Refer to 80 series drawings for Radiator schedules and sizes, and refer to 95 series for Extract Fan schedules for both 2013 and 2021 regulations.



1 Ground Floor Electrical GA
1 : 50

Wood Vale, Billingshurst

Plot Numbers:

22, 38, 43, 47, 49, 64, 66 (As)
21, 35, 68, 76, 79 (Handed)

All blocks noted 'As' are to be built as drawn.
All blocks noted 'Handed' are to be built the opposite of what has been drawn.

dMEV	Ceiling mounted extract fan (arrow indicates ducting direction, RT = roof terminal) Orange = dMEV for 2021 regs only; no fan required for 2013 regs. (dMEV = Decentralised Mechanical Extract Ventilation - System 3) See 95/0/02 for details of individual fan requirements
	Wall mounted extract fan (installed @ 2000mm above FFL to centreline). Orange = dMEV for 2021 regs only; no fan required for 2013 regs. (dMEV = Decentralised Mechanical Extract Ventilation - System 3) See 95/0/02 for details of individual fan requirements
Boost	Orange Boost Switch - lightswitch to control boost function of dMEV fan (2021 specification only)
IS-Fan	Orange Isolator Switch - 2021 specification switch only. Text identifies use (IS - Fan = Extract Fan Isolator | AC Solar = Solar Inverter AC Isolator)

Revision Schedule

Rev	Date	Description	Drn By
T1	15.11.24	Tender Issue	

Electrical Legend (Private Range)

	Pendant light fitting
	Batten holder fitting
	IP65 recessed spotlight
	IP65 recessed spotlight to be supplied with Fire Hood / Shroud
	External Wall mounted light fitting
Multi (8g)	Remote switches to unswitched sockets (2) Single | Multi (8no max)
	Light switch 1 way (1) 1 | 2 | 3 gang
2 2 2	Light switch 2 way (1) 1 | 2 | 3 gang
INT	Light switch - Intermediate (1)
	13A Single Un-switched fused spur connection
	13A Single double pole switched fused spur connection
(IMR)	20A DP Switch Flex Outlet w/ Neon indicator (for Immersion Heater)
	Single unswitched socket (13A) high level (2) | low level (3)
	Single switched socket (13A) high level (2) | low level (3)
	Double switched socket (13A) high level (2) | low level (3)
	Cooker outlet plate (3) with 6mm Ø cable to 45A double pole switch
Oven & Microwave	45A double pole switch (2) with 6mm Ø cable to distribution board
(CYL)	Hot water cylinder connection box (Blank Faceplate) (2)
CU	Consumer unit (underside of unit installed 1350mm above FFL)

	25A Flex outlet plate high level (2) | low level (3)
ft	Frost thermostat
WC	Weather compensator
SD HD	Ceiling mounted detector Smoke | Heat
CM	Wall mounted CO detector (installed @ 2000mm above FFL)
BT Entry	BT Customer Splice Point located externally (conduit to be installed 300-770mm above FGL)
St.1 St.2	Room thermostat (1) Zone 1 | Zone 2
IS-Fan	Fan isolator switch (installed to centreline of door, 2150mm above FFL to underside of switch)
IS-Sh	Shower isolator switch (1)
AC Solar	AC isolator switch for solar panels (1)
A	A = Co-axial aerial
A D	A = Co-axial aerial D = CAT6 data
D	D = CAT6 data
Elec	Wall mounted meter box (Electricity or Gas). Base of box / structural opening @ 900mm (12no bc) above external FGL
Gas	Low level Gas meter box (external ground level)

FTTP Key:-
ONT:- Optical Network Termination unit, complete with Battery Backup Unit (BBU)
CP-Rou:- Customer Provided Router
NetSwitch:- Customer Provided Unmanaged Gigabit Network Switch

Submain Isolator must be installed where cable length from meter to consumer unit exceeds 3m
Refer to Section 110 of STANDARD DETAILS - GROUP HOUSETYPES for typical details

(1) Switches / controls installed @ 1200mm above FFL to top of fitting
(2) Switches installed @ 1050mm above FFL to underside of fitting (sockets located in kitchen islands to be mounted @ 750mm above FFL)
(3) Switches installed @ 450mm above FFL to underside of fitting
General Note - sockets located 400mm from internal corners of rooms to centrelines of sockets, unless otherwise stated

General Note - M4(2) requires all electrical items to have a min clear acce of 300mm to any inside corner. Red dims denote critical areas.

ELECTRICAL

Bellway
www.bellway.co.uk

Bellway Group Technical
Woolsington House, Woolsington
Newcastle upon Tyne NE13 8BF
Tel: 0191 217 0717

Building Regulations
2013 & 2021 Compliant

Project
The Artisan Collection
2020 Issue
Working Drawings

Drawing Title
The Framer FM-3B-2S-AT
1053 ft² | 3b Det (Corner Turner) | All Traditional Variants
Ground Floor Electrical GA

Drawing Created By	First Issue Date	Scale(s)
Group	15 Nov 2024	1 : 50
Project No	Drg Status: Tender	Revision: T1
Drawing No.	A/1053FM/15/AT/01	

Do not scale - if in doubt, ask