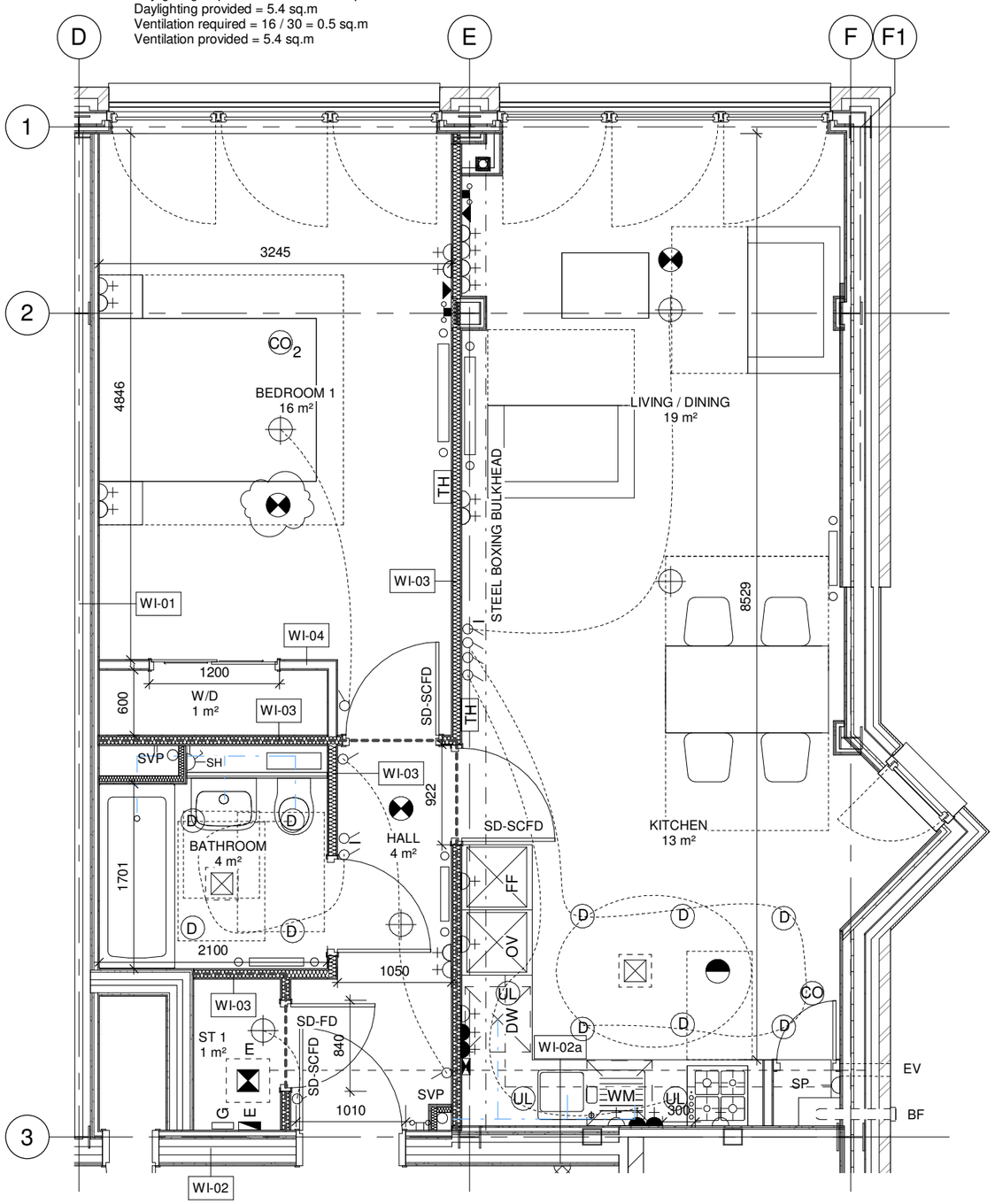
FLAT TYPE 7

Lounge/Kitchen/Dining:

Living room area - 33 sq.m
Daylighting required = 33/ 15 = 2.2 sq.m
Daylighting provided = 6.1 sq.m
Ventilation required = 33 / 30 = 1.1 sq.m
Ventilation provided = 5.8 sq.m

Bedroom 1:

Bedroom 1 area - 16 sq.m
Daylighting required = 16 / 15 = 1.1 sq.m
Daylighting provided = 5.4 sq.m
Ventilation required = 16 / 30 = 0.5 sq.m
Ventilation provided = 5.4 sq.m



FLAT TYPE 7
1 : 50

Electrical Control Ergonomic Information as BS 8300 : 2009	
CONTROL	HEIGHT REQUIREMENT (From finished floor level)
Light Switch	1100mm
Power sockets generally TV Socket Telephone socket	400mm (350mm away from any internal corner)
Power sockets at kitchen worktop	150mm above worktop
Isolating switches for appliances under worktops	150mm above worktop
Flex outlets for kitchen appliances under worktops	600mm
Heating programmer	1000mm
Door entry system	1100mm

BUILDING WARRANT NOTES:

Glazing
All glazing or part there of below 800mm from FFL to be toughened glass in line with BS 6262-4:2005.

Electrical
All electrical installations to be designed, constructed, installed and tested such that it is in accordance with the recommendations of BS 7671:2008.

Sanitary pipework
All Sanitary pipework to be constructed and installed in accordance with the recommendations in BS EN 12056-2:2000.

Rainwater
Where gutters and rainwater pipes are used, they should be constructed and installed in accordance with the recommendations described in BS EN 12056-3:2000.

Internal Linings
All wall / ceiling surfaces in protected zones are low risk / non combustable. Walls / ceilings to all other rooms shall be no worse than medium risk.

Part 3.14 and Part 3.16 (Ventilation and Daylighting)

3.14 Ventilation for dwellings: Deemed to Satisfy provisions:
Apartments: natural vent: 1/30th floor area (see calcs below) trickle vent: 12000 sq.mm.

Each apartment will be provided with a central MEV (mechanical extract ventilation) system, comprising a single extract fan located within the property, ducted to extract grilles located on the ceiling within the kitchen and other wet rooms. This air shall be expelled through a common exhaust duct routed from the MEV fan to a single exhaust louvre on the external façade. The fan shall be capable of trickle and boost operation, with the boost activated by either the manual switch adjacent to the cooker or by the light switches within the wet rooms. The fan shall be capable, under boost condition, of extracting 30 litres/sec from the kitchen and 15 litres/sec from all other wet rooms, in compliance with Section 3.14.3 of the Technical Standards. New ducting will be installed in slim-line plastic ducting (204x60mm) unless otherwise indicated. Intumescent collars will be installed where ducts penetrate a fire barrier. Make-up air within the flats will be provided via manually openable windows in conjunction with trickle ventilators sized to meet the requirements of the Technical Standards. All fans fitted over or within 1.25m of a bath or shower to be low voltage type with isolating remote mains safety transformer. Extract fans to be positioned a minimum of 1.75m above floor level.

3.16 Daylighting for dwellings: Deemed to Satisfy provisions:
Apartments: natural light: 1/15th floor area (see calcs below)

Sound Testing to be carried out in accordance with Scottish Building Standard 5.1.9, BS EN ISO 140-4:1998 and BS EN ISO 717-1:1997 for airborne sound and BS EN ISO 140-7:1998, BS EN ISO 717-2:1997 for impact sound.

Air Tightness Testing to be carried out in accordance with Scottish Building Standard 6.2.5 and BS EN 13829:2001.

LEGEND:

- PENDANT LIGHT
- D DOWNLIGHT
- UL UNDER UNIT LIGHTING
- LIGHT SWITCH
- EXTRACT ISOLATOR
- SMOKE DETECTOR
- HEAT DETECTOR
- CO CO DETECTOR
- CO_2 CO2 DETECTOR
- SP SWITCH SPUR OUTLET
- SOCKET OUTLET SWITCHED FROM REMOTE MULTIGANG SW (KITCHEN)
- DOUBLE SW SOCKET OUTLET LOW LEVEL
- DOUBLE SW SOCKET OUTLET ABOVE WORKSHOP
- FUSED MULTIGANG SW
- SH SHAVING SOCKET
- E ELECTRICITY METER
- G GAS METER
- TELEPHONE POINT
- DOOR ENTRY INTERCOM
- TV/SAT AERIAL OUTLET
- TH THERMOSTAT
- PANEL RADIATOR
- E CMEV EXTRACT UNIT
- EXTRACT FAN
- EV EXTRACT VENT
- SD-SCFD INDICATES SELF CLOSING SHORT DURATION INTERNAL FIRE DOOR
- SHORT DURATION PROTECTED ENCLOSURE
- DRAINAGE LINES
- RP RACKING PANEL TO SE SPEC
- BF BOILER FLUE VENT

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MASONRY CONSTRUCTION
Refer to F30 specification (which includes SE input), together with SE drawings and specifications, for full details of wall ties, masonry supports, restraints and similar.

Rev	DESCRIPTION	DRAWN	APPR	DATE
B	Smoke detector added	MH	DJ	14.07.20
A	Ventilation strategy updated. Wall types indicated	MH	DJ	06.12.19
#	FIRST ISSUE	NIW	DJ	26.07.19

HOLMES MILLER
Architects

HOLMES MILLER
89 MINERVA ST.
GLASGOW G3 8LE
T 0141 2042080
F 0141 204 2082
glasgow@holmesmiller.com

PROJECT
RESIDENTIAL DEVELOPMENT
15 KENT ROAD

DRAWING TITLE
KENT ROAD - FLAT TYPE LAYOUT - Type 7

SCALE @ A3: 1 : 50
CHECKED: DJ

NUMBER
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