

LEGEND:

- existing directional fire exit sign
- existing directional fire exit sign to be removed
- existing fire extinguisher
- existing fire alarm call point
- PB existing push bar
- SC existing self closing door
- existing sounder
- emergency light
- proposed one way light switch
- pendant light fitting
- SC FD60 proposed 60 minute rated self closing fire door
- line of separation

Specification

General Specification

All materials used to be to the latest British Standard Specification (B.S.S.) where applicable.

All workmanship to be carried out to the latest Codes of Practice (C.P.'s) where applicable.

Internal Partitions

All new separating partitions (to achieve 60 minute fire integrity)

General:

All materials used to be to the latest British Standard Specification (B.S.S.) where applicable.

All workmanship to be carried out to the latest Codes of Practice (C.P.'s) where applicable.

New separating partitions:

- 140mm wide 10N/mm common blockwork to BS 6073; Part 1 to be taken to a height as noted on plans.

- separating walls to achieve medium fire resistance duration as per regulation 2.2.1 of the non-domestic technical handbook building regulations (2015).

- where separating wall meets another separating wall or adjoining wall, the junction should maintain the fire resistance duration of the separating wall.

- where the separating wall forms a junction with the roof, the junction should be constructed in accordance with the recommendations in clause 2.1.5 of the non-domestic technical handbook building regulations (2015).

- all junctions to receive intumescent seals

Stappings:

Stappings to be carried out carefully where shown.

Contractor to comply with the relevant recommendations of BS6187:2000 Code of Practice for Demolition.

The Contractor is responsible for the safety and stability of the works during construction and should provide properly designed propping, bracing, screens and barriers as

necessary. All necessary props to be securely installed prior to any stapping being carried out.

Temporary supports to comply with BS4074: 'Metal Props and Struts'

Sides of stapping to be made good in stone or engineering brick as necessary to provide adequate seating for bricks above.

Ceilings:

Separating Ceilings to Protected Lobbies

Product reference: **Casoline MF**.

- Structural soffit: 21mm (min) T & G softwood boarding, 38mm x 195mm solid timber joists at 600mm centres.

- Performance criteria:
Fire resistance to BS 476: Part 21 or 22: Integrity 60 minutes, Insulation 60 minutes.
Fire protection to steels BS 476: Part 23: n/a.
Sound insulation: n/a.
Sound Absorption Class: n/a.
Cavity/Plenum depth: 277mm (min.)

- Suspension system:
Hangers: Gyproline MF8 Strap hanger or Gyproline FEA1 Steel angle fixed to side of joists with 2x32mm British Gyproc Drywall Timber Screws.

Primary grid: Gyproline MF7 channels at 1200mm centres, suspended from hangers at 1200mm centres.

Secondary grid: Gyproline MF5 sections at 450mm centres, fixed to primary grid with British Gyproc Vialer Head Jack-Point Screws or alternatively Gyproline MF9 clips.

Perimeters: Gyproline MF6 channel.

- Lining: Two layers of 12.5mm Gyproc FireLine.
Filling: As clause 591A.
Screws: 25mm & 36mm British Gyproc Drywall Screws.

- 18mm Plywood deck to be provided above joists.

Door Specification

Internal:
New door to bar to provide a clear opening width of 800mm.

New door to accessible w.c. to provide a clear opening width of 900mm.

All doors and door sets to be installed per manufacturers details and written instructions.

All new doors to have a minimum effective width of 800mm in accordance with guidance clause 2.9.8.

60 minute fire rated self closing doors to be fitted to proposed protected lobbies.

Existing doors forming part of proposed protected lobbies to be upgraded to 60 minute fire rated self closing doors.

All fire doors to be complete with Intumescent Seals, self closing device complying with BS EN 1154: Door Closers.

Electrics:

Electrical installation to comply with current edition of I.E.E. Regs and meet the Technical Standards Regulation 4.0 and BS 7671:2008, and be installed by an approved contractor.

Emergency lighting to remain & altered to suit as necessary.

Emergency lighting amended/new lighting installed to suit layout to be in accordance with BS 5266: Part 1: 2005 as read in association with BS 5266: Part 7: 1999 (BS EN 1838: 1999).

Electrical switches:

Outlets, fixtures and systems should be positioned 350mm away from an internal corner, projecting wall or similar and to be positioned not more than 1.2m from floor level.

Internal Lighting:

100% of fixed light fittings and lamps installed to be low energy type. The fittings may either be dedicated fittings that will only take fluorescent lamps, or fittings including lamps

with bayonet or Edison screw.

Drainage:

Proposed drainage for accessible WC to connect to adjacent SVP as shown on the floor plan.

General

DRAINAGE

Drainage generally:

- All new drains to be cleaned and tested prior to occupation.

- All new drains to be laid to local authority satisfaction.

- Drainage system to be constructed and installed in accordance with the recommendations in BS EN 12056-1:2000, BS EN 752-3: 1997 (amendment 2), BS EN 752-4: 1998 and BS EN 12010: 1998.

- Roofing access is to be provided at all changes of direction of internal and external drainage.

- All new drainages to connect to existing.

- Sanitary pipework above ground level to be installed in accordance with BS EN 12056 - 2: 2000.

- All W.C.s to have 100mm dia UPVC trapped waste outlet.

- All WHB's to have 38mm dia UPVC trapped waste outlet.

- All trapped waste outlets to be of a depth of 75mm.

Fire:

Existing fire alarm system to remain in place and adapted to suit revised layout as necessary.

Upgrading/alterations of existing fire detection system to be designed, installed and certified by a suitably qualified specialist contractor to BS 5839-1:2013.

Smoke and heat alarms with standby supply to comply with Technical Standard regulation 2.11.2 and BS 5446: Part 1 1990.

Ventilation

Proposed accessible WC:

- Proposed accessible WC's to be fitted with a Vent Axia extractor fan providing at least 15litres/sec and ducted above ceiling.

- WC's extract fans to be fitted with suitable condensate trap.

- Extract fans ducted above ceiling and terminated through external wall with proprietary sleeve and terminal cow.

- Trickle ventilation to be through proprietary vents to external air to provide 10,000mm². Air intake ducted above ceiling and terminated through external wall with proprietary sleeve and terminal cow.

Sanitary Ware

- All sanitary ware to be chosen by client.

- Water efficient fittings should be provided to all WCs and WHBs.

- Dual flush WC cisterns should have an average flush volume of not more than 4.5 litres. Single flush WC cisterns should have a flush volume of not more than 4.5 litres.

- Taps serving wash or hand rinse basins should have a flow rate of not more than 6 litres per minute.

- Plumbing and associated water installations to be carried out and commissioned by persons who possess sufficient technical knowledge, relevant practical skills and experience for the nature of the work undertaken.

Heating

Existing heating system is to be retained.

preliminary
west henderson's wynd, dundee

proposed unit 1 floor plan 5405.50.01a

1:50 @ A1
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revision:
20.02.2016 (rev. a) - warrant response amendments

notes:
all sizes to be checked by contractor on site
should any discrepancy arise, please contact the architect to confirm

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