



HAZARDOUS MATERIALS

The following materials could be deemed a hazard.

- a) Cement and cement based products.
- b) Solvent based paints.
- c) Fuel and factory waste sewerage located in existing drainage system.
- d) Dust generated during construction (including asbestos)
- e) Sealant and adhesives.
- f) Insulation material.
- g) Heavy structural steelworks and timbers.
- h) Reinforcing bars.

The above list is not a definite list as the Principal contractor or any subcontractor may specify materials which could be deemed a hazard over and above those listed.

TESTING & CERTIFICATION

If the proposed building is less than 1000 square metres in area, then the proposed design construction technique and/or material samples can be submitted to the Local Authority prior to commencement on site.

The Main Contractor is to provide a certificate of declaration relating to the design details and finish samples compliance with P.R.1.2

In buildings larger than 1000 square metres provide an Infra-Red thermographic survey in accordance with BRE report 176.

All fire-tests tests are to be carried out in accordance with CSE 11M 25-2000.

Thermal performance of the building is to comply with BS EN 150 177:1998:1990 limiting thermal conductance and air leakage and in accordance with ISO 10001. Design of metal detailing to comply with document: 12.1 HIGHWICH Notes 14.

Main Contractor is to provide all certification for tests carried



FOL DRANGE
Impressed construction for "D" model and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with P.S. B504/1985. Fol drainage pipes to be 110cm dia. UPVC to P.S. 4660/1939 (30mm joints) joined and laid to makers' instructions as a fall of 1/70 both down and upwards with 150cm dia. UPVC pipe under floor from cesspool to 150cm dia. drainage pipes, pipes under drains/hardstands installed in 150cm concrete with first joint to correspond with joint in pipe work. Provide 65 P.S. 100 pre-stressed concrete laid crosswise where pipes pass through walls, provide mechanical filter around pipe, across main drainage, provide mechanical filter around pipe, across main drainage, provide mechanical filter around pipe, across main drainage. Provide 150cm dia. UPVC pipe under floor from cesspool to be 110cm dia. PVC to B.S. 4541/1985 and to extend 900cm above window head level, terminate with PVC below. Over 30cm pipes to be generally 40cm dia. If over 30cm lines run upwards to 90cm dia. All PVC to P.S. 5949/1979 installed with making eyes at every change of direction. All drains to be deep enough to allow water to drain to be installed with 1" floor to 150cm dia. concrete.

SURFACE WATER DRAINAGE.
Pre-formed plastic coated steel "streamline" rainwater gutters to 100mm square plastic coated steel rainwater pipes; 110mm dia. underground pipes flexibly joined to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soak away min. 5.0m to edge of building. All footpaths and drives to slope away from building.

INTERNAL WALLING.
140/100mm Tarmac Hemeite Paint Quality solid insulation blockwork, or similar.
Movement joints to be installed in blockwork in accordance with B.S. 5628 pt. 3 1985.
Walling above steel tie bar to consist of 'Cuproc' 1461 metal studs at 600mm centres clad both sides with 2 layers 12.5mm 'Yaproc' wallboard stagger joints

VENTILATION.
Provide mechanical ventilation by Wall mounted mechanical ex-
tractor fans as follows:
W.C. 6 - 10 Air changes per hour
with 15 minutes overrun.
Bathrooms Air conditioning to be installed as detailed
in the contract documents - specifying contractor and
any appropriate design certification provided.

E EMERGENCY EXIT DOORS.
A. doors to be min 680mm wide and fitted with panic latch.
Doors to be operable to 180 degrees.
Provide Push Bar to Open sign on door. Emergency Exit sign
out to B.S. 5499 pin externally provided 1.0m x 1.0m
concrete landing level with internal fire.

11. INTERNAL DOORS:
A) Internal doors to be minimum 835mm wide. Disabled toilet
to city to be fitted with 1.0m wide door set.

i. 2.HINGE:
1. Workshops / storage area's provide "Powerlux" or similar
as grouped High Bay Metal halide lamps. Efficiency to be
controlled by momentary switch not more than 3.0m from luminaires
by means of movement sensors.

2. Following lighting levels are recommended:
F education areas 300Lux at work surface level
1.4mbs 150Lux at floor level
F inside emergency light fittings with full tube conversion in
partitions shown on plan all to
1.5, 52/66, mb.

SMOKE DETECTORS.
Provides roof mounted mains operated self-contained smoke alarms to B.S. 5446: pt.1.1990 in positions shown on plan. Where more than one detector is to be provided they will be interconnected. All permanently wired to a separate fused circuit at distribution board.

SHDC
Planning & Development
18 JUL 2005
Ref: 972/05

- 30 mm. FIRE DOOR WITH SELF CLOSURE INTUMESCENT STRIPS & SMOKE SEALS
- ◎ BREAK GLASS CALL POINT
- ABC POWDER EXTINGUISHER (6kg) TO B.S. EN5
- ☒ PUSH BAR TO OPEN SIGN
- ▲ ABC POWDER EXTINGUISHER (6kg) TO B.S. EN5
- ▲ WATER FILLED EXTINGUISHER (9litre) TO B.S. EN5
- ① EMERGENCY LIGHTING TO B.S. 5266 p.tl.
- E EMERGENCY EXIT SIGN TO B.S. 5499 p.tl. 100mm HIGH LETTERING
- SMOKE DETECTOR

DETERMINED
PLAN

[illegible]