



BLOCK H

TO BE READ IN CONJUNCTION WITH DRAWINGS
 1686/600/1007 GROUND FLOOR
 1686/600/1058 FIRST FLOOR

BS EN12056-2:2000
 DISCHARGE UNITS - SYSTEM III

APPLIANCE	DISCHARGE UNITS
MHB	0.3
SHOWER	0.4
URNAL	0.3
KITCHEN SINK	0.6
DISHWASHER	0.6
WASHING MACHINE	0.6
W.C. (7.5)	1.8
FLOOR GUILLEY (100#)	1.2

TABLE 5
 CALCULATED FLOW RATE
 $Q = k \cdot \sum DU$
 $Q =$ WASTE WATER FLOW RATE
 $k =$ FREQUENCY FACTOR
 $\sum DU =$ SUM OF DISCHARGE UNITS
 FOR SCHOOLS $k = 0.7$
 FOR LABORATORIES $k = 1.2$

TABLE 6

MAX. WC ON FLOAT = 8no.
MAX. LENGTH = 15.0m
MAX. NO. BENDS = 2.0
PIPE GRADIENT = 0.01% TO 0.02%

CAPACITY OF VERTICAL DRAINS TABLE 11

PIPE SIZE	MAX Q l/s	MAX DU's $k=0.7$	MAX DU's $k=1.2$
100#	5.2	55	18
125#	7.6	117	40
150#	12.4	313	106
200#	21.0	900	306

NOTE - ACCESS HATCH TO BE PROVIDED IN RAISED FLOORING TO PROVIDE ACCESS TO PIPESWORK & PIPESWORK STACKS AT SLAB LEVELS