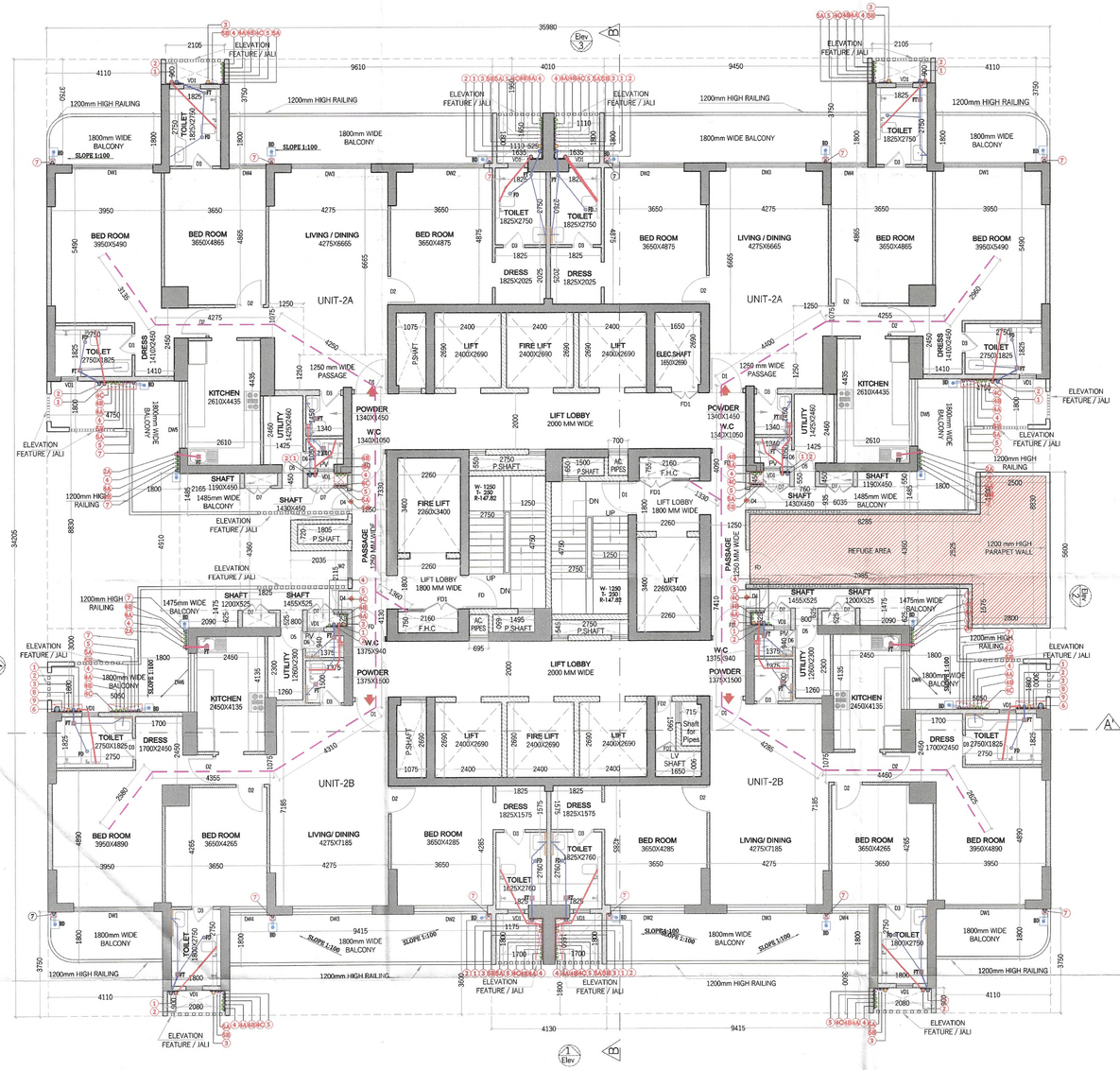
SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 10816 DV 29/8/2024

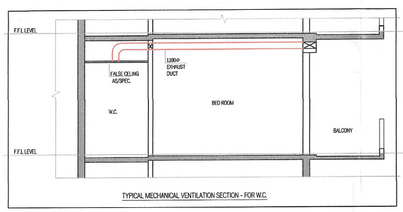
Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

S.T.P. (HQ) Member Secretary B.P.A.C.
S.T.P. (Q) Member B.P.A.C.
S.T.P. (HQ) Chairman B.P.A.C.
DTP (HQ)
ATP(HQ)
AD
PA
ATP
Varinder Kumar AD(HQ)
DDT (HQ) Member BPAC



REFUGE FLOOR PLAN

(16th, 24th, 33rd& 42ND)
(+6300, +90200, +120800& +151400)

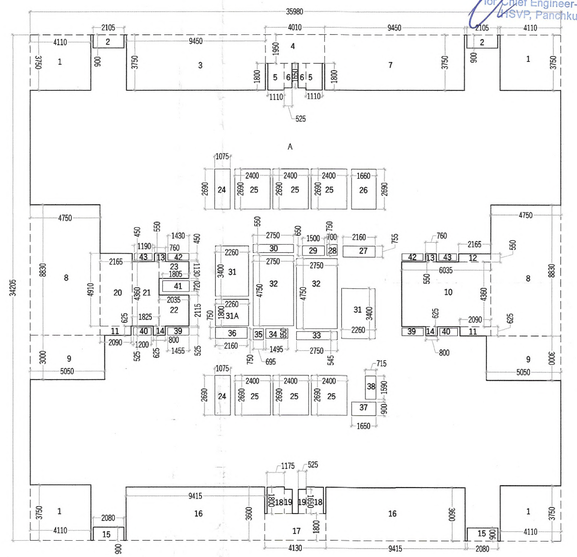


TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.

S.NO.	LOCATION	AREA (SQ.FT.)	HEIGHT (FT.)	VOLUME (CU.FT.)	DESIGN CFM CFM	SELECTED EXHAUST FAN	FAN SIZE L/W/H-(MM)	EXHAUST DUCT SIZE DIAMETER (mm)
1	TYPICAL MECHANICAL VENTILATION FOR W.C							
1.1	WC	43	9.2	395	79	1 # 100 CFM OASSETTE IN LINE FAN	270x270x171	110 (OD)

PIPE SCHEDULE :

S.No.	PIPE DIA:	DESCRIPTION :
01	40Ø	WASH BASIN TO FLOOR TRAP
02	63 OD	FLOOR DRAIN TO FLOOR TRAP
03	75 OD	BALCONY DRAIN TO VERTICAL STACK
04	110 OD	FLOOR TRAP TO VERTICAL STACK
05	110 OD	WATER CLOSET TO VERTICAL STACK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1075
2400
2400
2400
1660
2690
2690
2690