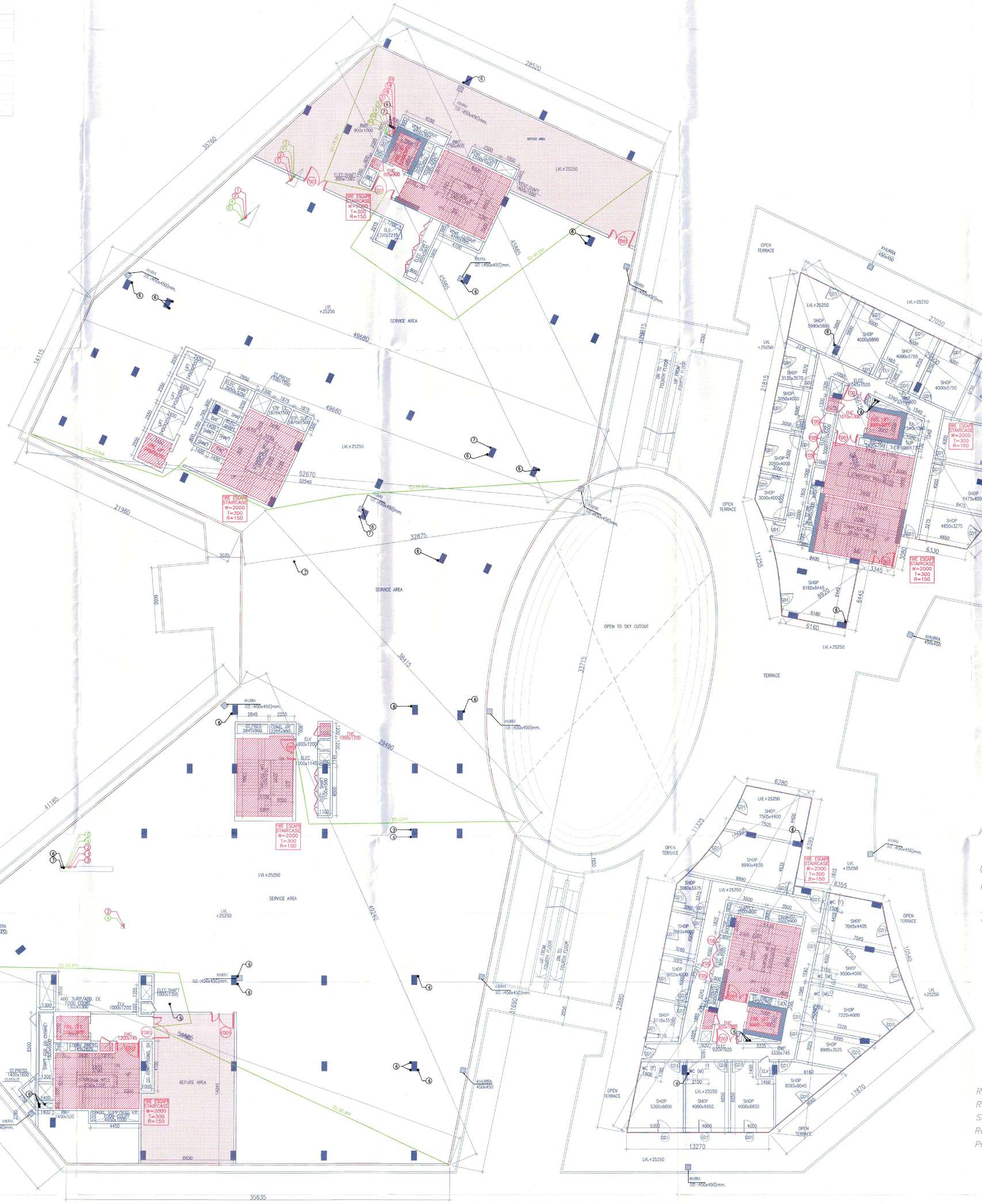
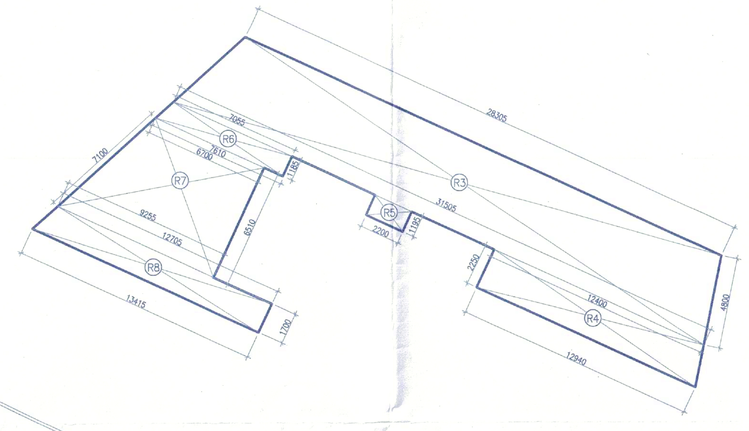
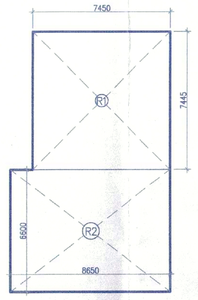
Door Tag	Typology	Fire Rating	Masonary Width	Masonary Height	Masonary Cill Height	Masonary Lintel Height
D1	Flush Door	NA	1200	2400		2400
D2		NA	800	2300	100	2400
D3		NA	1000	2400		2400
D4		NA	2150	2400		2400
FD1	Metal door	2	2150	2400		2400
FD1a		2	2150	2400		2400
FD1b		2	2150	2400		2400
FD2		2	2000	2400		2400
FD2a		2	2000	2400		2400
FD3		2	1200	2400		2400
FD3a		2	1200	2400		2400
FD3b		2	1200	2400		2400
FD4		2	800	2300	100	2400
FD5		2	1500	2300	100	2400
GD1	Glass door	NA	1200	2400		2400
GD2		2	2000	2400		2400



FIFTH FLOOR / SERVICE FLOOR
LVL+25250





5TH FLOOR REFUGE AREA CALCULATION									
GROSS – A									
R1	=	1	X	7.450	X	7.445	=	55.465	SQM
R2	=	1	X	8.650	X	8.600	=	57.090	SQM
R3	=	0.5	X	(31.505+28.305)	X	4.800	=	143.544	SQM
R4	=	0.5	X	(12.940+12.400)	X	2.200	=	28.508	SQM
R5	=	1	X	2.200	X	1.195	=	2.629	SQM
R6	=	0.5	X	(7.055+7.610)	X	1.185	=	8.689	SQM
R7	=	0.5	X	9.255+6.700	X	6.510	=	51.934	SQM
R8	=	0.5	X	13.415+12.705	X	1.700	=	22.202	SQM
						TOTAL	=	370.060	SQM
GROSS AREA OF 6TH FLOOR			=	2819.296	SQM				
			=	2819.296	SQM				
REFUGE AREA REQUIRED		=	(2819.296X0.3)/10	+	ADDITIONAL SPACE TO ACCOMMODATE WHEEL CHAIR SPACE @0.9 SQM PER 200 POPULATION				
		=	84.578	+	0.9				
		=	85.478	SQM					

GROSS AREA OF 4TH FLOOR =5620 SQM
REFUGE AREA REQ. =5620X0.3/6
= 281 SQM + 3.6 SQM (ACCOMMODATE WHEEL CHAIR)
TOTAL REQUIRED REFUGE AREA =85.478+281+3.6
=370.078 SQM

REQUIRED STAIRCASE WIDTH 5TH FLOOR CALCULATION:-
Retail area (1090 sqm @ 1 person / 6 sqm) = 182 persons
Service area (4041 sqm @ 1 person / 30 sqm) = 135 persons
Required staircase width for Retail @ 10mm/person for 317(182+135) persons = 3170 mm i.e. MINIMUM 3250MM.
Proposed staircase width for Retail = 14000MM.

							(2-4)	male	Female	male	Female	WC (M)	WC (F)	Washbasins (M)	Washbasins (F)	Urinals	WC (M)	WC (F)	Washbasins (M)	Washbasins (F)	Urinals	WC (M)		WC (F)		Washbasins (M)		Washbasins (F)		Urinals	
																						Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
3THFLOOR retail area	915.343	153	1 per 6 Sqm	15	10%	137	10	5	92	46	3	3	1	1	1	2	1	2	1	2	3	3	2	2	3	3	2	2	3	3

Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.

2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.

ATP (HQ) | NARINDER KUMAR JD(HQ)

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. 317 Dt. 28/8/2023

Superintending Engineer (HQ)
for Chief Engineer 4 HSVP

PROJECT:

PROPOSED COMMERCIAL COLONY AREA MEASURING 6.525 ACRES (LICENSE NO. 79 OF 2012 DATED 17/08/2012 & LICENSE NO. 11 OF 2013 DATED 12/03/2013) IN SECTOR 106, GURGRAM BEING DEVELOPED BY ELAN AVENUE LTD.(FORMELY KNOWN AS AIRMID DEVELOPERS LTD.)

ARCHITECTS

OWNER'S SEAL & SIGNATURE

For Elan Avenue Ltd.
Authorised Signatory

ARCHITECT'S SEAL & SIGNATURE

AVINASH CHANDRA VAIDYA
Architect Regd. No. CA/75/2008
H. No. 163, PH-II
Near Petrol Pump, Gurugram

DEC.-2022. | Scale : 1:150

Drawing Title:- 5TH FLOOR

Drawing No:- T-07