



Tower 3 to A Core -Typical Plan: Occupant Load Calculation
 Gross Floor Area: 2042 Sq.mt.
 Gross Occupant Load: 2042 / 12.5 Pax = 163 Pax
 Capacity factor: 10 mm width per person (Ref. NBC Part 4, Table-4 Clause 4.4.2.3)
 Total Staircase width required: 1630 mm.
 Total Staircase width provided: 3000mm (1500mm x 02)
Result: With the aspect of Occupancy calculation, the staircases as proposed will meet the overall occupant load means of egress requirements.
Compliance Review: Staircase handling capacity noted to meet overall occupant load exit requirements.

TYPICAL 16TH, 18TH, 19TH & 25TH TO 27TH, 29TH & 33RD FLOOR APARTMENT TOWER - WEST

FLOOR	LVL	NO. STEPS	TOTAL NO. STEPS
16TH FLOOR	+68900	473-500	28
18TH FLOOR	+77000	529-556	28
19TH FLOOR	+81050	557-584	28
25TH FLOOR	+104300	689-712	28
26TH FLOOR	+108350	741-768	28
27TH FLOOR	+112400	769-796	28
29TH FLOOR	+120500	797-824	28
33RD FLOOR	+136700	909-936	28

- LEGENDS :
- 01. 150# SOIL PIPE
 - 02. 150# WASTE PIPE
 - 03. 75# VENT PIPE
 - 04. # DWS PIPE DN TAKE
 - 05. # FWS PIPE DN TAKE
 - 06. # DWS PIPE DN TAKE FROM HYD.
 - 07. # DWS PIPE RISER TO OHT FROM BASEMENT PLANT ROOM
 - 08. # DWS PIPE RISER TO OHT FROM SERVICE FLOOR PLANT ROOM
 - 09. # FWS PIPE RISER TO OHT FROM BASEMENT PLANT ROOM
 - 10. # FWS PIPE RISER TO OHT FROM SERVICE FLOOR PLANT ROOM
 - 11. # FWS PIPE DN TAKE FROM SERVICE FLOOR TO CLUB AREA
 - 12. 200# SOIL PIPE
 - 13. 200# WASTE PIPE
 - 14. # DWS PIPE DN TAKE FROM SERVICE FLOOR TO BASEMENT TD.
 - 15. 150# RAIN WATER PIPE
 - 16. 200# RAIN WATER PIPE

ITEM NO	TAG	DETAILS	SIZE	HEIGHT	LOCATION
1	FD	120 MIN FIRE RATED HDF HARDWOOD DOOR	1150	2400	REFUGE ENTRY DOOR
2	FD1	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2400	ALL MAIN ENTRY DOOR (REFUGE FLOOR)
3	FD2	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2100	ELECTRIC SHAFT
4	FD-11	60 MIN FIRE RATED HDF HARDWOOD DOOR	1200	2100	SERVICE SHAFT
5	FD7	FIRE DOOR	1100	2400	STAIRCASE DOOR-PERFORATED DOOR
6	D	ALUMINIUM GLAZED DOOR	1200	2400	BALCONY DOOR
7	D1	HDF HARDWOOD DOOR	1200	2400	ENTRY DOOR
8	D2	HDF HARDWOOD DOOR	1000	2400	BEDROOM DOORS
9	D3	HDF HARDWOOD DOOR	850	2400	KITCHEN DOORS/TOILET DOOR
10	D4	HDF HARDWOOD DOOR	750	2400	UTILITY/BALCONY/TOILET DOORS
11	D5	SLIDING HDF HARDWOOD DOOR	650	2400	CARTRAKER ROOM/TOILET
12	D6	MS GLASS DOOR	900	2400	FMC'S
13	D8	HDF HARDWOOD DOOR	1200	2400	MACHINE ROOM TERRACE
14	D9	HDF HARDWOOD DOOR	750	2100	PLUMBING SHAFT
15	D10	HDF HARDWOOD DOOR	1000	2400	HANDICAP TOILET (STILT)
16	D11	ALUMINIUM DOOR	1000	2400	KITCHEN DOOR (OPENING IN BALCONY)
17	D12	HDF HARDWOOD DOOR	600	2100	SHAFT DOOR
18	D13	60 MIN FIRE RATED HDF HARDWOOD DOOR	1000	2400	PRIVATE LIFT LOBBY

Note :-
 1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.

PROJECT
 REVISED BUILDING PLANS OF COMMERCIAL COLONY (TOD) MEASURING 17.4875 ACRES (LICENCE NO. 240 OF 2007 DATED 25.10.2007) AND 6.99025 ACRES (LICENCE NO. 239 OF 2007 DATED 25.10.2007, LICENCE NO. 241 OF 2007 DATED 25.10.2007 & LICENCE NO. 199 OF 2008 DATED 8.12.2008) TOTALLING 24.4775 ACRES IN SECTOR-62, GURGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PIONEER URBAN LAND & INFRASTRUCTURE LTD.

CLIENT
 PIONEER URBAN LAND & INFRASTRUCTURE LTD.
 Pioneer Urban Ground Floor Near GOLF Course Extension Road, Sector-62, Gurugram -122001 Haryana

DESIGN ARCHITECT
RSP
 RSP Design consultants (India) Pvt. Ltd.
 103, First Floor, Baitch Business Tower, Sector-48, Sohna Road Gurgaon, 122018, India TEL: 4708668 FAX: 4706818
 HEAD OFFICE: NO.30, MUSEUM ROAD, BANGALORE-560 001 TEL: 25596868 FAX: 25596818 EMAIL: rsp@rspindia.net ; www.rspindia.net

ASSOCIATE ARCHITECT
RSIMS ARCHITECTS
 RSMS ARCHITECTS PVT. LTD.
 69, Nora Niwas Bhowani Kunj (Behind D2), Vasant Kunj, New Delhi-110070. Tel.: 011-26898616, 26898617 www.rsms-arch.com

Architect's Seal & Signature: [Signature]
 Owner's Seal & Signature: [Signature]
 SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO. DATE: [Blank]
 JUNE-2024 Scale: 1:100 Drawing No: 16TH 18TH TO 20TH & 24TH, 26TH TO 28TH & 30TH FLOOR PLAN (TOWER WEST) WT-04 28082024-3