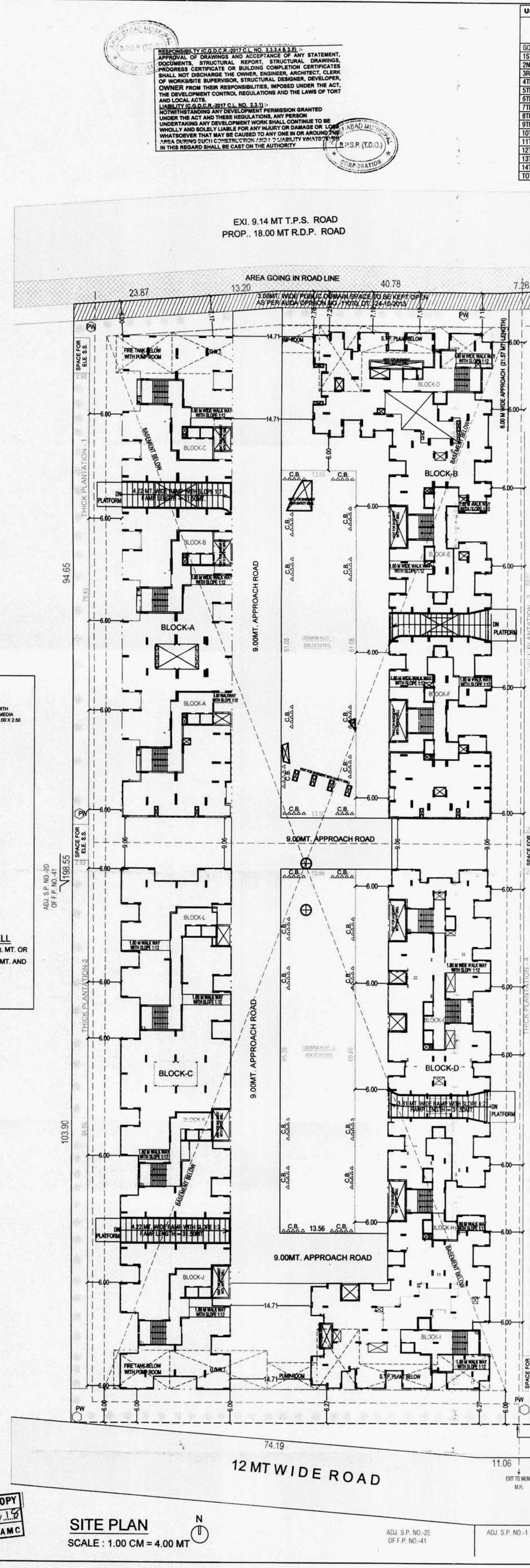


NOTES RELATED TO FIRE SAFETY:-

1. HYDRANT SYSTEM: ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET, AT EACH FLOOR FOR THE MAIN FIRE PUMP AT UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 20 LITERS PER MINUTE AT A BARE PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
2. THE RISER FOR THE BUILDINGS EXCEEDING 18 METERS HEIGHT SHOULD NOT BE LESS THAN 100 MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A RIVOT TO ACT AS DOWN-COMER.
3. ONE RISER IS REQUIRED FOR EVERY 100 SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL.
4. EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 33 MM DIA. HOSE, 25 MM HOSE REEL HOSE WITH 1 MM SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OF THE FLOOR HOSE BOX WITH 15 METERS LONG 33 MM DIA. HOSE AND 12.5 MM HOSE NOZZLE AT ALTERNATE FLOORS. THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER.
5. FIRE SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE PREMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
6. A PERMANENT HYDRANT POINT COMPRISING OF 63 MM DIA SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
7. OVERHEAD TANK REFILLING BYPASS CONNECTION SHOULD BE DONE AT THE TERRACE LEVEL.
8. THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 20,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 10,000 LITERS.
9. FIRE LIFT:-
 - (1) THE FIRE LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE LIFT AND THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A FIRE LIFT. LIFT SHALL BE PROVIDED TO PRESSURIZE THE LIFT. WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATED, SO THAT IF PROVIDED THE LIFT WILL GETTING STOP LOGGED.
 - (2) FIRE ALARM: FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING.
 - (3) FIRE EXTINGUISHERS: ONE CARBON DIOXIDE (CO₂) TYPE EXTINGUISHER OF 4.5 KG. WITH ISI MARK AND ONE EXTINGUISHER OF 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO BE INSTALLED ON EACH FLOOR IN CASE OF COMMERCIAL BUILDING.
 - (4) ONE CARBON DIOXIDE (CO₂) TYPE EXTINGUISHER OF 4.5 KG. WITH ISI MARK OR TWO CARBON DIOXIDE (CO₂) TYPE EXTINGUISHERS OF 2 KG. CAPACITY ON EACH FLOOR AND 1 KG. DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ON ALTERNATE FLOOR IN CASE OF RESIDENTIAL BUILDING.
 - (5) IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
 - (6) STAIRCASE: THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING HAS TO BE PRESSURIZED TO PREVENT IT FROM GETTING SMOKE LOGGED.
 - (7) RISER/DOWN-COMER: SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.
 - (8) BASEMENT: THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR ACTUAL CAR PARKING SPACE.
 - (9) LIGHTENING ARRESTER: A LIGHTENING ARRESTER SHOULD BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.
 - (10) PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES: IF THE BUILDING FALLS IN A CONFINED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR LANDING/PATHWAY/DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
 - (11) SIGNAGE: THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LANDING/PATHWAY/DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.
 - (12) IMPORTANT INSTRUCTIONS: AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION/PROTECTION/VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM, SPRINKLER, FIRE EXTINGUISHER, ETC.) AS PER PRE-LOAD FIRE RISK/PUBLIC GATHERING, POTENTIAL OCCUPANCY/CONFINED AREA, THOSE ADDITIONAL MEASURES/EQUIPMENT HAVE TO BE IMPLEMENTED/INSTALLED.
 - (13) THE SAFETY PROVISIONS SHALL BE PROVIDED AS PER A.M.C. FIRE & EMERGENCY SERVICES DEPT. LETTER NO. 29, DTD. 23-02-2017.
10. (11) LENGED:
 - (1) FIRE HYDRANT SYSTEM PIPE MAIN
 - (2) SINGEL HEADED HYDRANT VALVE
 - (3) SOURCE VALVE
 - (4) TWINWAY SHAMES CONNECTION
 - (5) RISE OR DROP
 - (6) NON RETURN VALVE
 - (7) REDUCER
 - (8) FIRE HOUSE BOX
 - (9) HOSE REEL HOSE
11. D.C.P. AC02
12. HYDRANT VALVE
13. PERCOLATION WELL FOR BUILDING UNIT 1500.00 SQ. MT. OR MORE AND UP TO 4000.00 SQ. MT. AND PART THERE OF IT.
14. R.C.C. COL. FOOTING SECTION STR DETAIL AS PER DESIGN BY STR ENGINEER

GENERAL NOTES



SITE PLAN
SCALE: 1:00 CM = 4.00 MT

USE UNITS & FLOOR AREA TABLE		USE		APPR.		REV.		UNIT		APPR.		REV.		APPR.		REV.		FLOOR AREA		APPR.		REV.		TOTAL	
		A		B		C		D		E		F		G		H		I		J		K		L	
GROUND FLOOR		PARKING		---		---		---		---		---		---		---		---		---		---		---	
1ST FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
2ND FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
3RD FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
4TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
5TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
6TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
7TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
8TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
9TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
10TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
11TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
12TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
13TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
14TH FLOOR		RESI		18		18		23		23		20		25		25		86		86		1282.21		1157.33	
TOTAL		RESI		216		252		299		322		240		280		325		350		1080		1204		15690.11	

BUILT UP AREA TABLE													17/09/96		16/09/25		17/04/24		16/05/23		16/02/23	
		APPROVED		REVISED		APPROVED		REVISED		APPROVED		REVISED		APPROVED		REVISED		APPROVED		REVISED		
		BLOCK-A		BLOCK-B		BLOCK-C		BLOCK-D		BLOCK-E		BLOCK-F		BLOCK-G		BLOCK-H		BLOCK-I		BLOCK-J		
		7152.68		7152.68		7152.68		7152.68		7152.68		7152.68		7152.68		7152.68		7152.68		7152.68		
BASEMENT		1752.68		1752.68		1752.68		1752.68		1752.68		1752.68		1752.68		1752.68		1752.68		1752.68		
GROUND FLOOR		1456.46		1524.47		1529.67		1576.80		1581.17		1602.40		1608.33		1695.72		1751.66		1751.66		
1ST FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
2ND FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
3RD FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
4TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
5TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
6TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
7TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
8TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
9TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
10TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
11TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
12TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
13TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
14TH FLOOR		1415.45		1455.13		1490.40		1541.78		1561.17		1602.40		1608.33		1695.72		1751.66		1751.66		
STAIR CABIN		113.38		171.29		150.20		164.82		113.38		172.09		150.20		213.85		52.16		171.29		
L.M.R. & O.H.W.T.		97.38				126.43				97.38				126.43				47.62				
TOTAL		2935.48		2938.76		2136.39		2249.91		2835.46		3215.51		2298.14		2546.07		9864.47		11005.47		

