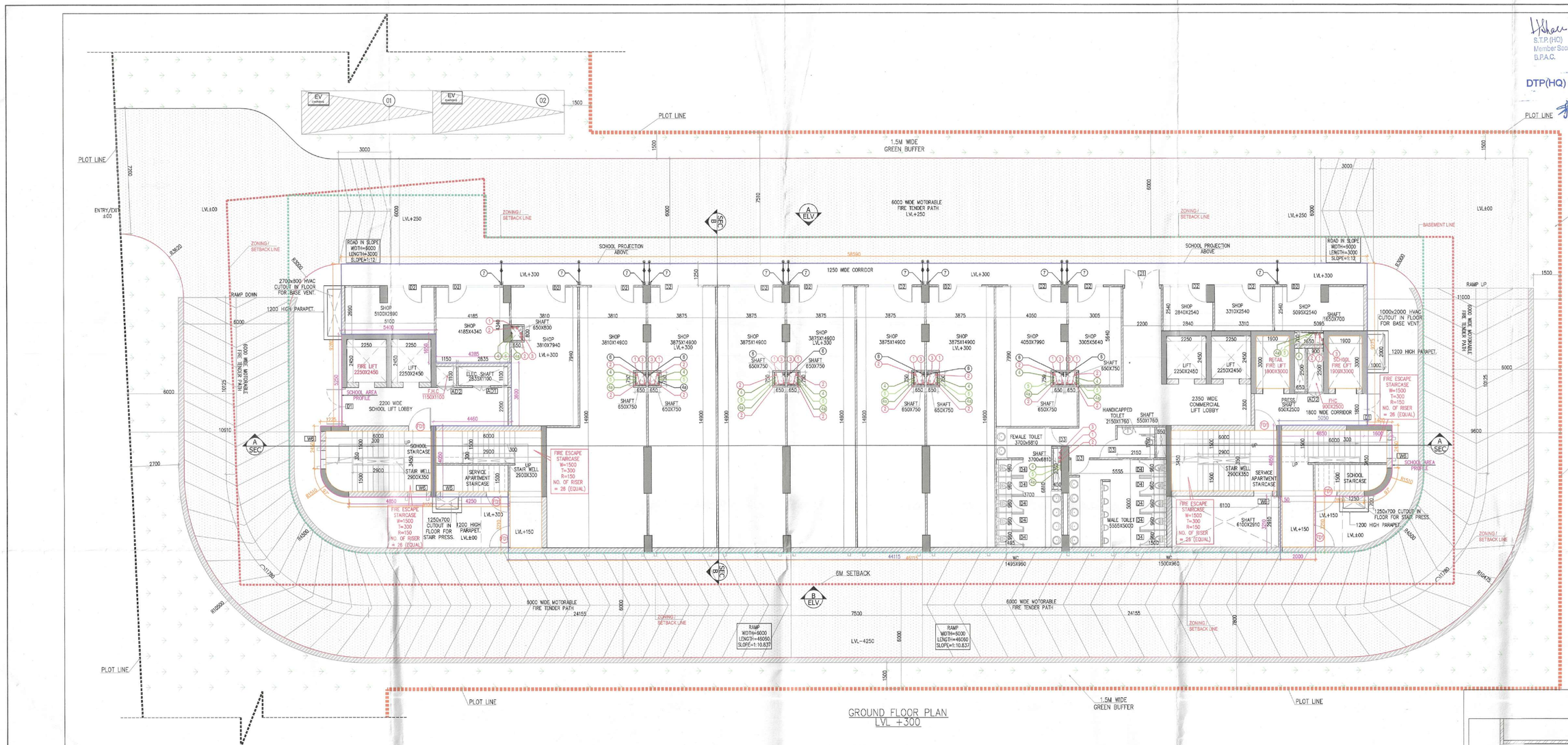


GROUND FLOOR PLAN
LVL +300

GROUND FLOOR PARKING	
CAR PARKING	COUNT
7500 / 2500	2
TOTAL	2

LEGEND

- BASEMENT LINE
- SETBACK ZONING LINE
- PHASE LINE

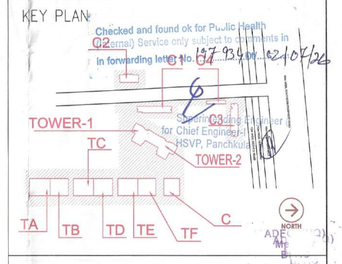
DOORS & WINDOWS SCHEDULE				
DOORS				
Tags	Width	Height	Lintel	Sill
FD1	1250	3000	3000	0
D1	2000	3060	3050	0
D2	1250	3060	3050	0
D3	1060	2450	2450	0
D4	750	2450	2450	0
D5	1250	2450	2450	0
D6	850	2450	2450	0
D7	1000	2450	2450	0
SD1	3000	2450	2450	0
AD1	1000	2090	2150	100
AD2	600	2090	2150	100
AD3	850	2090	2150	100
W1	3000	2300	2450	150
W2	1250	2300	2450	150
W3	1250	1950	2450	500
W4	1000	1500	2450	900
W5	2350	2300	2450	150
W6	1050	800	2450	1650

PLUMBING LEGEND:-	
(1)	110 OD uPVC soil Pipe IS:13592 type B
(1a)	160 OD uPVC soil Pipe IS:13592 type B
(2)	110 OD uPVC waste Pipe IS:13592 type B
(2a)	160 OD uPVC waste Pipe IS:13592 type B
(3)	110 OD uPVC ANTISIPHONAGE PIPE IS:13592 type A
(4)	DWS DN TAKE PIPE
(4a)	DWS FROM BOOSTER PUMP FOR TOP TWO FLOOR'S
(5)	TWS DN TAKE PIPE
(6)	110 OD uPVC TERRACE RAIN WATER PIPE IS:4985, 6 kg/cm2
(6a)	160 OD uPVC RAIN WATER PIPE IS:4985, 6 kg/cm2
(7)	110 OD uPVC BALCONY DRAINAGE PIPE IS:4985, 6 kg/cm2
(8)	DOMESTIC WATER SUPPLY RISER
(9)	FLUSHING WATER SUPPLY RISER
FT	FLOOR TRAP 110x110 WITH 125x125mm WITH GRATING
FD	FLOOR DRAIN 90x53 WITH 125x125mm WITH GRATING
MT	MULTI TRAP 90x53 WITH 125x125mm WITH GRATING
BD	BALCONY DRAIN 110x75mm WITH 125x125 MM GRATING
	STRIP SLAB BY SQMM
WB TO FT	40(OD) WHITE PIPE IS:4985, 6 Kg/cm2]
SINK TO FT	50(OD) WASTE PIPE IS:4985, 6 Kg/cm2]
URINAL TO UT	50(OD) SOIL PIPE IS:4985, 6 Kg/cm2]
CB	CATCH BASIN SIZE=600x600mm
GT	GULLY TRAP SIZE=300x300mm
MH	MANHOLE SIZE=600x600mm

Note :-

1. All fixture provided in toilets are as per N.B.C.
2. Basement will be mechanically ventilated.
3. All spaces (parking basement, services basement etc.) Will be artificially lit.
4. Standby generating capacity will be provided for the electrical requirement of the total scheme. This therefore includes standby generation for all common services, fire services, liffs etc. And also the entire electrical load for the ventilation.
5. Fire safety measures as per NBC includes smoke detector, heat detector, sprinkler spacing in compliance with code.
6. All external walls are 100mm and all internal walls are 100mm thick. (Valid for all drawings)
7. BUILDING IS FULLY AIR CONDITIONED, ARTIFICIALLY LIGHT & MECHANICALLY VENTILATED WITH 100% POWER BACKUP.
8. BASEMENTS ARE MECHANICALLY VENTILATED

KEY PLAN



PROJECT

Revised Building Plans For Phase-3, 4 & 5A to develop a Mix-Land Use colony (98% Residential component & 2% Commercial component) under TOD policy over an area measuring 11.66875 acres (license no.90 of 2024 dated:18.07.2024) in the Revenue estate of village Fazilpur Jharsa & Bhadshahpur, Sector-69 ,Gurugram being developed by Riverday Infrastructure Pvt. Ltd.

DESIGN ARCHITECT

morphogenesis.
41, Inustrial Estate, Okhla Phase – III
New Delhi – 110020
Tel: 91 11 41828070
Email: studio@morphogenesis.org

ASSOCIATE ARCHITECT

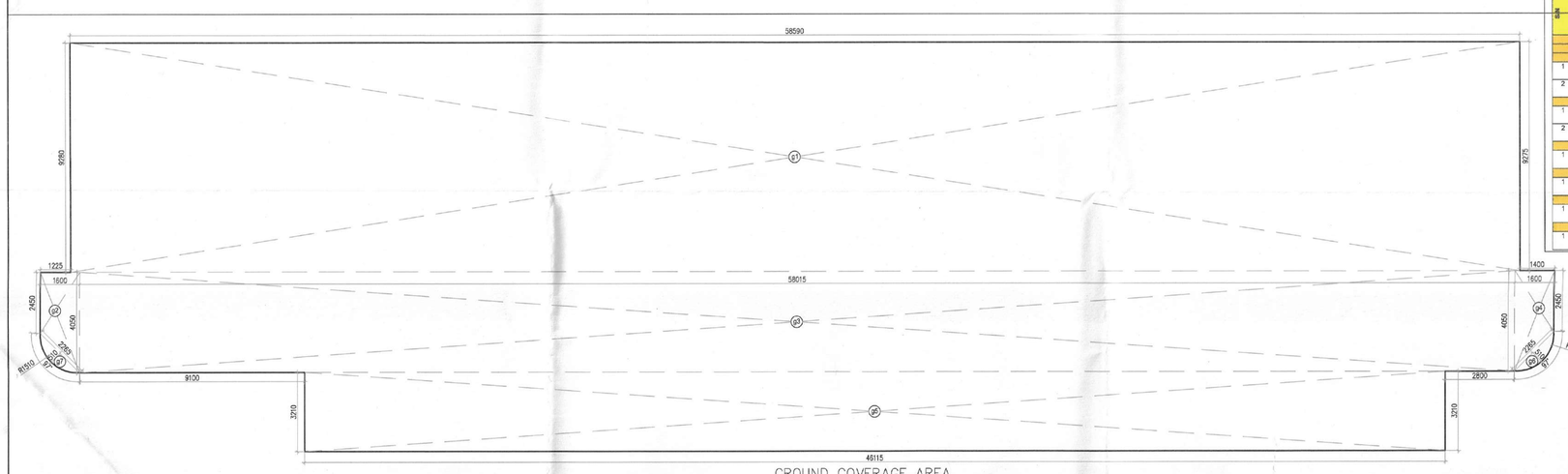
SBA Design N Code LLP
Architecture Codes Interiors
(Formerly known as SCMS)
Plot no. 10 A&B, Bhawani Kunj,Behind D2,
Vasant Kunj, New Delhi-110070.
Mob.: 9810791652,9811077209

DEVELOPER
RIVERDAY INFRASTRUCTURE PRIVATE LIMITED

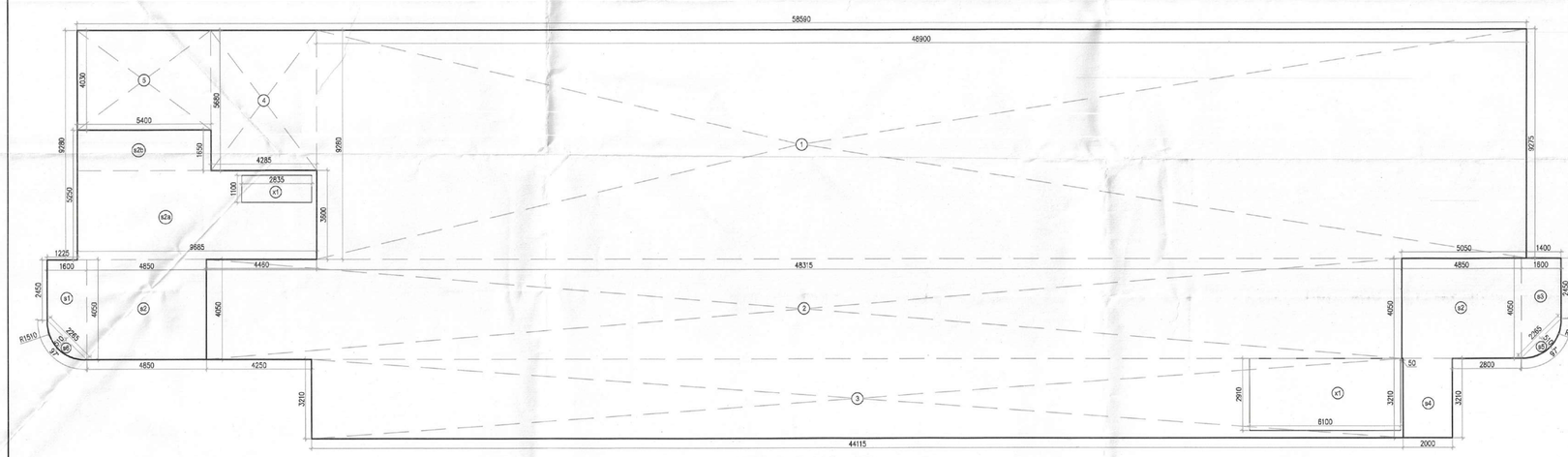
Ground floor Plan-Commercial-3

Sanitary Fixtures Calculations - Table - 15(Male & Female population @ 50% each)

	Area	Overall Occupant Load(OOL)			Occupant Load (Fixed-Population) @10% OF OOL	Overall Floating population @90% OF OOL	Fixed Population		Floating population		Sanitary Fixtures (Table - 15 STAFF -(NBC) for Fixed Population					Sanitary Fixtures (Table - 15- NBC) for Floating Population					Total required fixtures(Fixed +Floating population)					
	1	2			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21		22		23
		Load	Factor	No. Of Occupant		(2-3)	male	Female	male	Female	WC (M)	WC (F)	Washbasins (M)	Washbasins (F)	Urinals	WC (M)	WC (F)	Washbasins (M)	Washbasins (F)	Urinals	WC (M)		Washbasins (M)		Washbasins (F)		Urinals	
																					Required	Provided	Required	Provided	Required	Provided	Required	Provided
Ground floor	859.984	1 per 3 Sqm.	3	287	29	258	14	14	129	129	1	2	1	2	1	3	3	3	3	3	4	5	5	5	5	6	4	5



GROUND COVERAGE AREA



GROUND FLOOR AREA

SUMMARY OF MECHANICAL VENTILATION

SR.	Floor	Area SFT	Required CFM	Volume CFT	Air Change Required	Calculated CFM	Installed CFM	Application	Nos. of Fans & Fan Capacity	Type of Fan	Location	Reason	No. of Point
	Commercial + 3 Normal Ventilation												
	Ground Floor												
1	Female Toilet	230	9	2072	15	518	550	Exhaust	1 x 550 CFM	Inline	Normal Mode		1
2	Male Toilet	342	9	3078	15	769	800	Exhaust	1 x 800 CFM	Inline	Normal Mode		1
	First Floor to 4th Floor Typical												
1	Female Toilet	188	9	1695	15	424	450	Exhaust	1 x 450 CFM	Inline	Normal Mode		1
2	Male Toilet	344	9	3099	15	775	800	Exhaust	1 x 800 CFM	Inline	Normal Mode		1
	5th Floor												
1	8 Nos. Toilet For Service APP (30 SFT Each)	280	9	2592	6	259	800	Exhaust	8 x 100 CFM	Inline	Normal Mode		8
	5th & 7th Floor Typical												
1	8 Nos. Toilet For Service APP (35 SFT Each)	280	9	2592	6	259	800	Exhaust	8 x 100 CFM	Inline	Normal Mode		8
	8th Floor Typical												
1	8 Nos. Toilet For Service APP (35 SFT Each)	280	9	2592	6	256	800	Exhaust	8 x 100 CFM	Inline	Normal Mode		8
	8th & 10th Floor Typical												
1	3 Nos. Toilet For Service APP (35 SFT Each)	105	9	972	6	97	300	Exhaust	3 x 100 CFM	Inline	Normal Mode		3

GROUND COVERAGE AREA CALCULATION

GROSS – A											
g1	0.5	X	9.280	+	9.275	X	58.590	=	545.969	SQM	
g2	0.5	X	2.460	+	4.050	X	1.600	=	5.200	SQM	
g3	1	X			58.015	X	1.600	=	334.961	SQM	
g4	0.5	X	4.050	+	2.460	X	1.600	=	5.200	SQM	
g5	1	X			48.115	X	3.210	=	148.309	SQM	
							TOTAL	=	**636.959**	SQM	
TOTAL GROUND COVERAGE AREA		=	GROSS – A			=	GROSS –B				
		=	636.959			=	1.593				
		=	638.552	SQM							
NON FAR AREA OF GROUND FLOOR		=	GROUND COVERAGE	-	GROUND FAR RETAIL	-	GROUND FAR SCHOOL				
		=	638.552	-	819.304	-	98.356				
		=	**20.892**	SQM							

ADDITIONAL ARC AREA

GROSS -B																
g6	3.1	X	1.510	X	1.510	X	97	/	360	-	0.5	X	1.510	-	0.510	X	2.265	=	0.797	SQM
g7	3.1	X	1.510	X	1.510	X	97	/	360	-	0.5	X	1.510	-	0.510	X	2.265	=	0.797	SQM
																	TOTAL	=	1.593	SQM

GROUND FLOOR AREA CALCULATION (SCHOOL)

GROSS – A											
s1	0.5	X	4.050	+	2.450	X	1.600	=	5.200	SQM	
s2	2	X			4.660	X	4.060	=	39.255	SQM	
s2a	1	X			9.665	X	3.600	=	34.866	SQM	
s2b	1	X			5.400	X	1.660	=	8.915	SQM	
s3	0.5	X	4.050	+	2.450	X	1.600	=	5.200	SQM	
s4	1	X			2.000	X	3.210	=	6.420	SQM	
							TOTAL	=	**99.881**	SQM	

DUDCTION AREA

GROSS – C											
x1	1	X		2.835	X	1.100	=	3.119	SQM		
						TOTAL	=	**3.119**	SQM		
TOTAL GROUND FLOOR FAR AREA		=	GROSS – A	+	GROSS – B	-	GROSS – C				
		=	99.881	+	1.593	-	3.119				
		=	**98.356**	SQM							

ADDITIONAL ARC AREA

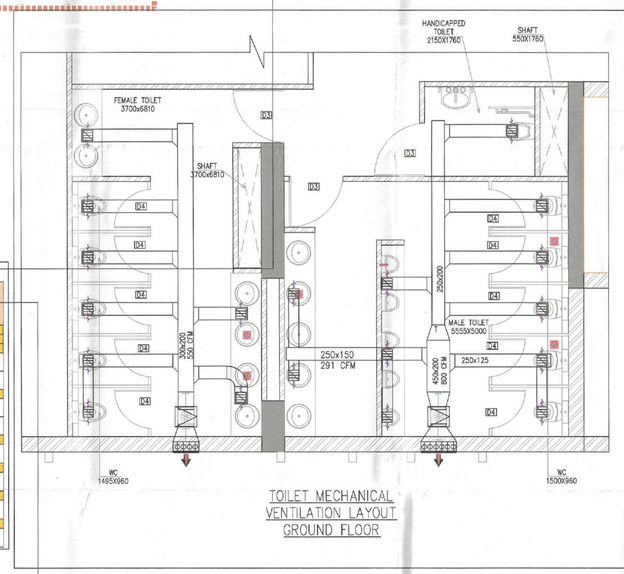
GROSS -B																
s5	3.1	X	1.510	X	1.510	X	97	/	360	-	0.5	X	1.510	-	0.510	X	2.265	=	0.797	SQM
s6	3.1	X	1.510	X	1.510	X	97	/	360	-	0.5	X	1.510	-	0.510	X	2.265	=	0.797	SQM
																	TOTAL	=	1.593	SQM

GROUND FLOOR AREA CALCULATION

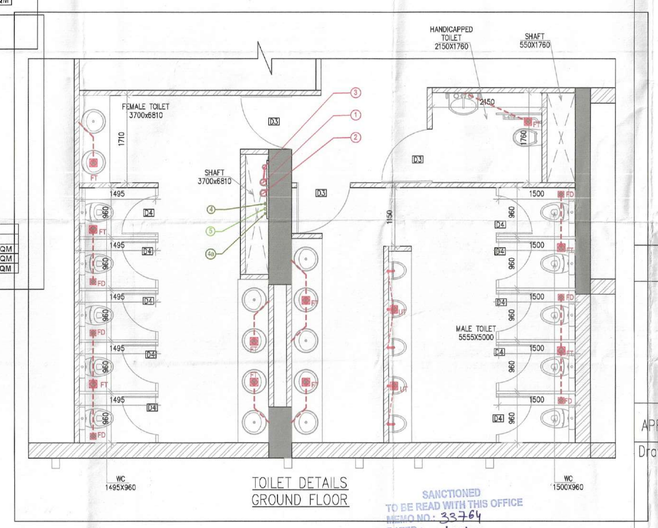
GROSS – A										
1	0.5	X	9.280	+	9.275	X	48.900	=	453.670	SQM
2	1	X			48.315	X	4.050	=	195.676	SQM
3	1	X			44.115	X	3.210	=	141.609	SQM
4	1	X			4.285	X	5.680	=	24.339	SQM
5	1	X			5.400	X	4.030	=	21.762	SQM
							TOTAL	=	**837.055**	SQM

DUDCTION AREA

GROSS – B										
x1	1	X		6.100	X	2.910	=	17.751	SQM	
						TOTAL	=	**17.751**	SQM	
TOTAL GROUND FLOOR FAR AREA		=	GROSS – A	-	GROSS – B					
		=	837.055	-	17.751					
		=	**819.304**	SQM						



TOILET MECHANICAL VENTILATION LAYOUT GROUND FLOOR



TOILET DETAILS GROUND FLOOR

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 35264 DATED: 21/09/26

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
	For Riverday Infrastructure Pvt. Ltd. Authorized Signatory

APRIL – 2026 | Scale : 1:100 | PSO, (HQ) Member BPAC | ATP, (HQ) Member BPAC

Drawing Title:– COMMERCIAL 3 GROUND FLOOR PLAN & GROUND FLOOR AREA ,GROUND COVERAGE (PHASE 5A)

Drawing No:– C3-02

01-30052026