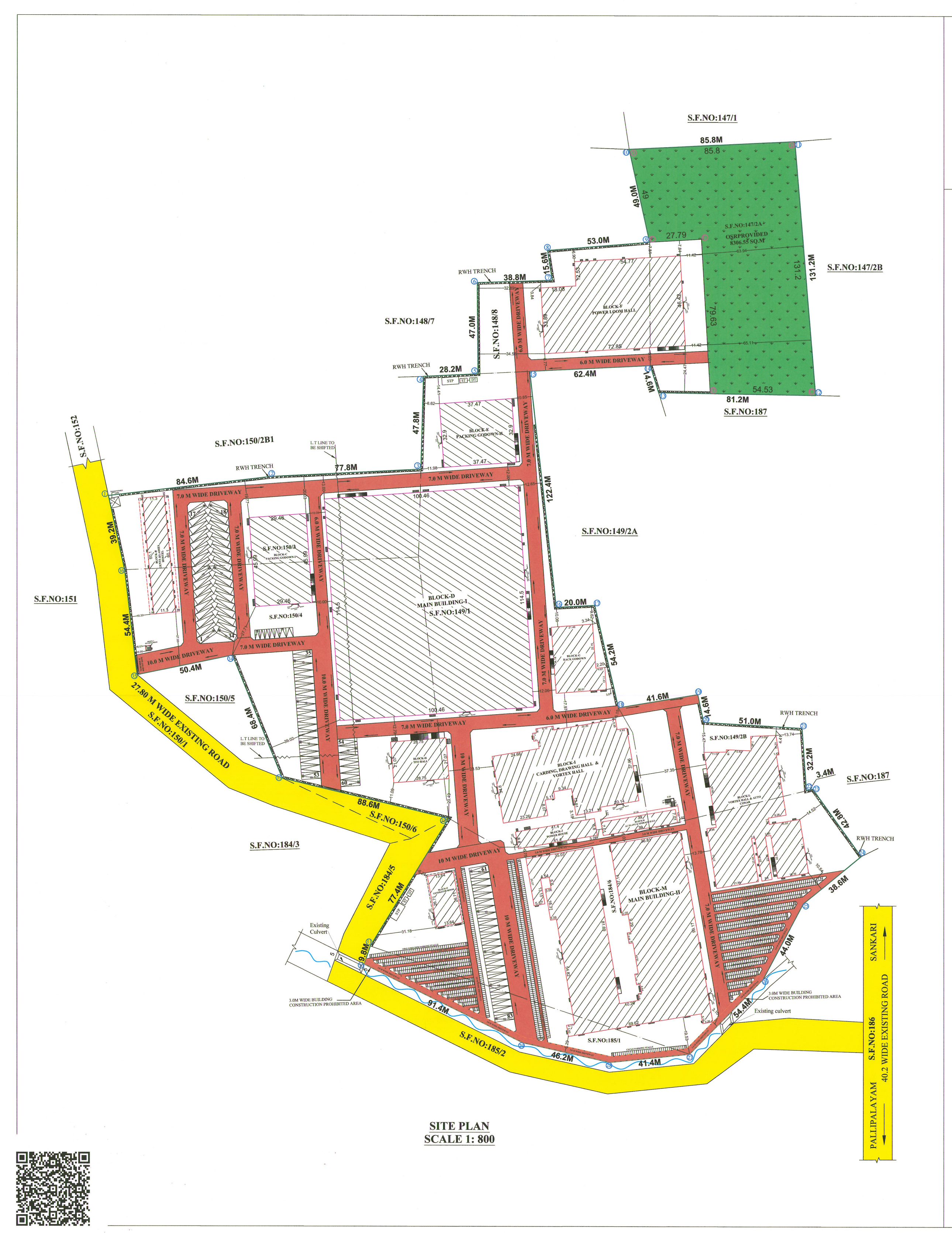
Existing Culvert
3.0M WIDE BUILDING CONSTRUCTION PROHIBITED AREA
9.8M
10 M WIDE DRIVEWAY
91.4M
S.F.NO:185/2
46.2M
41.4M
S.F.NO:185/1
54.4M
44.0M
Existing culvert
SANKARI
S.F.NO:186
40.2 WIDE EXISTING ROAD
PALLIPALAYAM

SITE PLAN
SCALE 1: 800

Signature valid
Signed by: Director
Location:null
Date:2024.09.28

Signature Not Verified
Signed by: Assistant Director
Location:Namakkal
Date:2024.11.16 15:38:56

BLOCK-D (MAIN BUILDING-I)
BLOW ROOM
42.31 X 30.13
TERRACE FLOOR
BLOCK-M
MAIN BUILDING-II
GROUND FLOOR PLAN
CHIMNEY
4.96 X 4.80
TYPE DESIGN FOR A SEPTIC TANK 10,000 LITRES CAPACITY
SEPTIC TANK
PLAN
DISPRESION TRENCH
VERTICAL REINFORCEMENT AT JAMBS OF OPENINGS
VERTICAL REINFORCEMENT IN BRICK WALLS
COMPOUND WALL DETAIL
DETAILED PLAN OF RAINWATER PERCULATION PEBBLE BED
STAIRCASE DETAILS
SIDE ELEVATION
SOLAR ENERGY
(Not to scale)
HORIZONTAL SEISMIC BANDS
RAINWATER HARVESTING SYSTEM
OPEN TERRACE
STORM WATER PIPE 15 CM
15 CM Ø PIPE
RECHARGE WELL
CONCRETE SLAB
F.G.L
SAND
PEBBLE
SUMP

COLOR INDEX:

SITE BOUNDARY	🟩
EXISTING ROAD	🟨
PROPOSED BUILDING	▨
EXISTING BUILDING	▨
DRIVE WAY	🟥
OSR	🟩
WATER BODY	~

REFERENCE

⊛	FIRE ALARM SYSTEM
◎	HOSE REEL
FE	FIRE FIGHTING EQUIPMENT
DW	DRINKING WATER

MACHINARY DETAILS

S.NO		HP	NOS	USAGE HP
BLOW ROOM				
1	RK BEATER	50	1 NOS	50
2	SMF	56	2 NOS	112
3	MPM	19	2 NOS	38
4	GBR	4.50	1 NOS	4.5
5	BLDO/ BLHI	75.12	3 NOS	225.36
6	GBR	13.50	3 NOS	40.50
7	MPO	6.26	1 NOS	6.26
8	FLUX CLEANER	15.42	1 NOS	15.42
PREPARATION HALL				
9	LC 300A V4 CARDING M/C	69.27	3 NOS	207.81
10	C 1 / 3 CARDING M/C	20.54	2 NOS	41.08
11	CARDING LC 300A V3 M/C	50.00	12 NOS	600.00
12	C 1 / 3 CARDING M/C	20.54	10 NOS	205.40
13	DRAW ERAME	7.50	1 NOS	7.5
14	RSB DRAWING M/C	25.00	2 NOS	50.00
15	DRAW ERAME M/C	15.00	2 NOS	30.00
16	RSB DRAWING M/C	12.50	1 NOS	12.5
17	DRAW ERAME M/C	15.00	1 NOS	15
18	VORTEX	80.00	22 NOS	1760.00
19	RSB DRAWING M/C	12.50	2 NOS	25.00
20	SIMPLEX M/C	90.00	6 NOS	540.00
SPINNING HALL - 1				
21	SPINNING LR6 M/C	100.00	19 NOS	1900.00
22	SPINNING G5 / 1 M/C	50.00	5 NOS	250.00
23	SPINNING LR 6 / S (SHORT FRAME)	32.18	1 NOS	32.18
24	DRIMMER	1.00	7 NOS	7.00
25	EMBROIDERY MACHINE	10.00	6 NOS	60.00
26	HAND LINKING	1.00	30 NOS	30.00
27	AUTOMATIC CHEST PRINTING MACHINE	18.23	3 NOS	54.69
28	CURING MACHINE	8.58	2 NOS	17.16
29	MANUAL HEATER	30.17	10 NOS	301.70
30	ENGRAVING MACHINE	8.00	1 NOS	8.00
31	FLOCK MACHNIE	8.00	1 NOS	8.00
TFO				
32	TFO M/C	8.00	5 NOS	8.00
TOTAL HP		6663.06 HP		

Thilak

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REGISTERED CONSTRUCTION ENGINEER

K.P

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REGISTERED
GEOTECHNICAL ENGINEER

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REGISTERED
STRUCTURAL ENGINEER

SITE AND DETAIL PLAN SHOWING THE EXISTING AND PROPOSED CONSTRUCTION OF COTTON SPINNING AND WEAVING INDUSTRY (ORANGE CATEGORY) WITH 6663.06 HP IN SF.NO.147/2A, 148/8, 149/1, 149/2B, 150/3, 150/4, 184/6 AND 185/1 AT SOWDAPURAM VILLAGE, KUMARAPALAYAM TALUK, NAMAKKAL DISTRICT.

SCALE - 1 : 800
All Dimensions Are in Meter

ONLINE APPLICATION NO : SWP/BPA/331478/2024

NAME OF THE APPLICANT :
MS P.K.P.N SPINNING MILLS PRIVATE LIMITED
By Its Director, Mr.P.N.Jayagopal S/O Mr.Kulanthaivel

AREA DETAILS :

AS PER PATTA - 82467.00 Sqm
AS PER DOCUMENT - 20.35 1/3 ACRE (OR) 82363.65 Sqm
AS PER SUPER IMPOSED SITE AREA - 82238.91 Sqm

AREA DETAILS :

S. NO	DESCRIPTION	FSI AREA IN (Sqm)	NON FSI AREA IN (Sqm)	DEDUCTION AREA IN (Sqm)	TOTAL BUILT UP AREA IN (Sqm)
EXISTING BUILDING					
BLOCK-A (SECURITY ROOM)					
1	GROUND FLOOR	7.56	-	-	7.56
BLOCK-B (GENTS & LADIES HOSTEL)					
2	GROUND FLOOR	679.13	-	-	679.13
3	FIRST FLOOR	917.13	-	-	917.13
4	SECOND FLOOR	917.13	-	-	917.13
5	HEAD ROOM	-	55.09	-	55.09
BLOCK-F (POWER LOOM HALL)					
6	GROUND FLOOR	3155.22	-	-	3155.22
BLOCK-G (RACK GODOWN)					
7	GROUND FLOOR	786.30	-	-	786.30
BLOCK-H (TFO HALL)					
8	GROUND FLOOR	605.66	-	-	605.66
BLOCK-I (CARDING, DRAWING HALL & VORTEX HALL)					
9	GROUND FLOOR	2794.45	-	-	2794.45
BLOCK-J (POWER HOUSE)					
10	CELLAR FLOOR	364.32	-	-	364.32
11	GROUND FLOOR	364.32	-	-	364.32
BLOCK-K (AC PLANTS & STORAGE HALL)					
12	GROUND FLOOR	273.39	-	-	273.39
13	FIRST FLOOR	358.06	-	-	358.06
BLOCK-L (VORTEX HALL & AUTO CORNER)					
14	GROUND FLOOR	2800.96	-	-	2800.96
BLOCK-M (MAIN BUILDING-II)					
15	GROUND FLOOR	6091.61	-	-	6091.61
BLOCK-N (GENERATOR ROOM)					
16	GROUND FLOOR	364.32	-	-	364.32
PROPOSED BUILDING					
BLOCK-C (PACKING GODOWN-I)					
17	GROUND FLOOR	1354.87	-	-	1354.87
BLOCK-D (MAIN BUILDING-I)					
18	GROUND FLOOR	11502.77	-	-	11502.77
BLOCK-E (PACKING GODOWN-II)					
19	GROUND FLOOR	1232.84	-	-	1232.84
	TOTAL :	34570.04	55.09	-	34625.13

$$\text{FLOOR SPACE INDEX} = \frac{\text{FSI AREA}}{\text{SITE AREA}} = \frac{34570.04}{82238.91} = 0.420 < 1.5$$

HEIGHT OF THE BUILDING : 17.81M

OSR REQUIRED	8246.70 Sqm (10.00%)
OSR PROVIDED	8306.55 Sqm (10.07%)

Vehicle	Parking Area Description	Area	Required	Provided
Car	1 Car space for every 100 Sq.m of office floor area	57.89/100	1	5(Includig PH)
	Visitors Parking 10%		1	2
	Total		2	7
Two Wheeler	1 Two Wheeler space for every 50 Sq.m of workshop floor area	31998.76/50	640	733
	1 Two Wheeler for every 10 rooms	60/10	6	10
	Total		646	743
Cycle	1 Cycle space for every 50 Sq.m of workshop floor area	31998.76/50	640	690
	Total		640	690
Lorry	1 Lorry space for every 500 sq.m of workshop floor area or part thereof	31998.76/500	64	83
	Total		64	83

JOINERY DETAILS

1	ROLLING SHUTTER -RS	3.60 X 3.60
2	ROLLING SHUTTER -RS1	3.05 X 3.05
3	ROLLING SHUTTER -RS2	3.00 X 3.05
4	ROLLING SHUTTER -RS3	1.83 X 2.44
5	DOOR-D	1.22 X 2.13
6	DOOR-D1	1.52 X 2.14
7	DOOR-D3	1.07 X 2.13
8	DOOR-D4	0.76 X 2.13
9	STEEL DOOR-SD1	2.40 X 2.40
10	STEEL DOOR-SD2	1.83 X 2.40
11	STEEL DOOR-SD3	3.00 X 2.40
12	WINDOW - W	1.80 X 1.52
13	WINDOW - W1	1.52 X 1.52
14	WINDOW - W2	1.22 X 1.52
15	WINDOW - W3	0.76 X 1.52
16	VENTILATOR - V	1.83 X 0.61
17	VENTILATOR - V1	1.52 X 0.61
18	VENTILATOR - V2	0.91 X 0.61
19	VENTILATOR - V3	0.76 X 0.61

Thilak

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REGISTERED ENGINEER

For P.K.P.N Spinning Mills(P)Ltd.,
Director.

APPLICANT