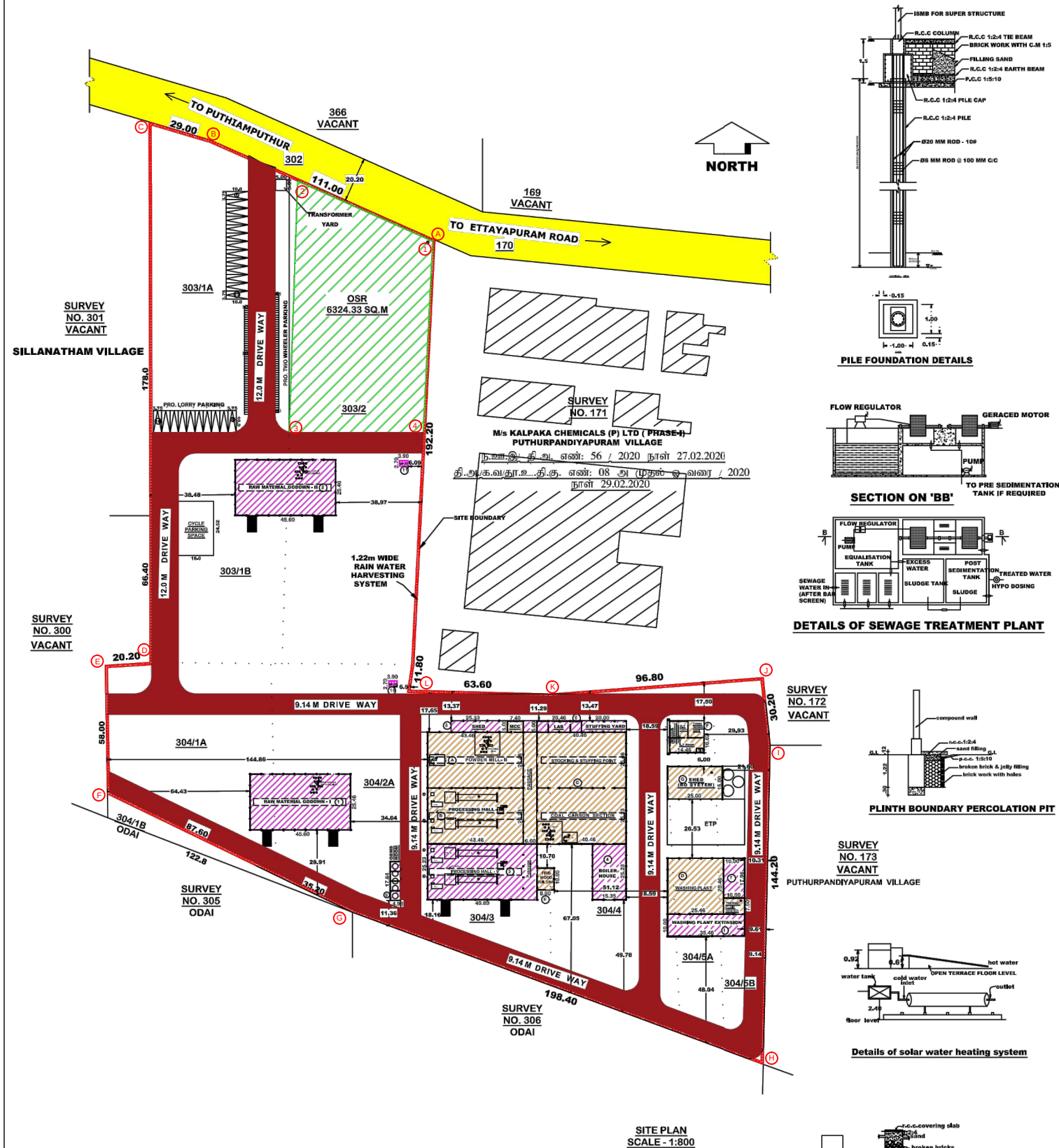


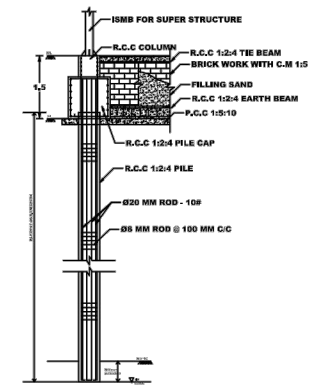


SITE PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF PROCESSING HALL - V, BOILER HOUSE, LAB, STUFFING YARD, SHED, RAW MATERIAL GODOWN - I, RAW MATERIAL GODOWN - II, TOILET, WASHING PLANT EXTENSION, OSMs ROOM WITH INSTALLATION OF 113.00 HP ELECTRIC MOTOR IN M/s KALPAKA CHEMICALS (P) LTD, (PHASE - II) SURVEY NOS. 303 / 1A, 303 / 1B, 303 / 2, 304 / 1A, 304 / 2A, 304/3, 304/4, 304 / 5A, 304 / 5B, SILLANATHAM VILLAGE AND PANCHAYAT, OTTAPIDARAM TALUK AND PANCHAYAT UNION , THOOTHUKUDI DISTRICT. OWNER NAME : MR. S.GANESAN, DIRECTOR /s KALPAKA CHEMICALS (P) LTD. MANUFACTURE OF STEAM BASED ACTIVATED CARBON - INDUSTRY CLASSIFIED "RED ZONE" LAND USE CLASSIFICATION: SPECIAL AND HAZARDOUS INDUSTRIAL USE ZONE

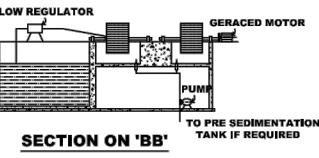


Signature Not Verified
Signed by: Assistant Director
Location: Thoothukkudi
Date: 2024.08.17 18:46:22

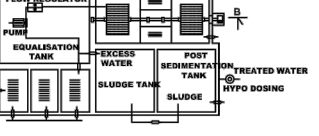
Signature Not Verified
Signed by: Village Panchayat President
Location: Thoothukkudi
Date: 2024.09.27 14:52:16



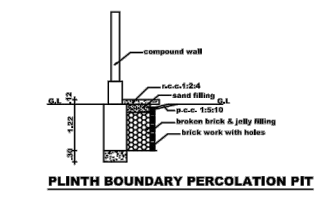
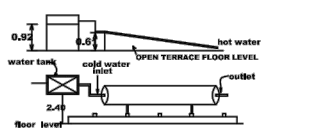
PILE FOUNDATION DETAILS



SECTION ON 'BE'



S OF SEWAGE TREATMENT PLANT

PLINTH BOUNDARY PERCOLATION PII

Details of solar water heating system



ALL DIMENSION ARE IN METERS						
SITE AREA DETAILS AS PATTU & DOCUMENT						
SURVEY NO. 303/1A		=	1.92	ACRES		
SURVEY NO. 303/1B		=	1.78	ACRES		
SURVEY NO. 303/2		=	3.14	ACRES		
SURVEY NO. 304/3		=	1.86	ACRES		
SURVEY NO. 304/1A		=	1.44	ACRES		
SURVEY NO. 304/2A		=	1.67	ACRES		
SURVEY NO. 304/4		=	1.94	ACRES		
SURVEY NO. 304/5A		=	0.85	ACRES		
SURVEY NO. 304/5B		=	1.00	ACRES		
TOTAL		=	15.60	ACRES		
REFERENCE			SQ.MT	SQ.FT		
Super imposed plot boundary			62772.98	675437.26		
SITE AREA (15.60 ACRES)			63206.00	680032.00		
EXISTING BUILT UP AREA DETAILS: (in Sqm) (GROUND FLOOR ONLY) PREVIOUS APPROVAL DETAILS						
கவ / ந.அ.இ. எண்: 83 / 2022 நாள் 07.04.2022						
கவ.தி.அ./நா.இ.அ. எண்: 21/ 2022 அ முநல் ஊர் வரை						
நாள் 07.06.2022						
BLOCK NAME	BLOCK NAME	FSI AREA	NON FSI AREA	TOTAL BUILTUP AREA		
BLOCK - A	POWDER MILL -I	1143.49	-	1143.49		
BLOCK - B	PROCESSING HALL -IV	1096.50	-	1096.50		
BLOCK - C	STOCKING & STUFFING POINT COAL CARBON SECTION	2355.06	-	2355.06		
BLOCK - D	WASHING PLANT & THERMIC FLUID HEATER	723.21	-	723.21		
BLOCK - E	FIRE WOOD BUILDING	80.00	-	80.00		
BLOCK - F	ES ROOM	240.33	-	240.33		
BLOCK - G	SHED (RO SYSTEM)	375.00	-	375.00		
TOTAL		6013.59	-	6013.59		
PROPOSED BUILT UP AREA DETAILS: (in Sqm) (GROUND FLOOR ONLY)						
BLOCK NAME	BLOCK NAME	FSI AREA	NON FSI AREA	TOTAL BUILTUP AREA		
BLOCK - 1	RAW MATERIAL GODOWN -I	1160.98	-	1160.98		
BLOCK - 2	RAW MATERIAL GODOWN -II	1160.98	-	1160.98		
BLOCK - 3	PROCESSING HALL - V	1253.67	-	1253.67		
BLOCK - 4	BOILER HOUSE	387.28	-	387.28		
BLOCK - 5	WASHING PLANT EXTENSION	354.60	-	354.60		
BLOCK - 6	LAB & STUFFING YARD	202.30	-	202.30		
BLOCK - 7	THERMIC FLUID HEATER	176.63	-	176.63		
BLOCK - 8	SHED	126.65	-	126.65		
BLOCK - 9	OSMS ROOM	86.96	-	86.96		
BLOCK - 10	TOILET-I	10.53	-	10.53		
BLOCK - 11	TOILET -II	10.53	-	10.53		
TOTAL		4934.08	-	4934.08		
TOTAL FSI AREA		10947.67				
OPEN SPACE		51825.31				
FLOOR SPACE INDEX (FSI) = $\frac{10947.67}{62772.98}$ = 0.1744 < 1.5						
PARKING DETAILS						
PARKING TYPE		REQUIRED	PROVIDED			
LORRY SPACE						
FOR GODOWN BUILDING EVERY 500 SQM = 1 LORRY SPACE		22 Nos	23 Nos			
TWO WHEELER PARKING						
FOR GODOWN BUILDING EVERY 50 SQM 1 TWO WHEELER SPACE		219 Nos	220 Nos			
CYCLE PARKING						
FOR GODOWN BUILDING EVERY 50 SQM 1 CYCLE SPACE		219 Nos	220 Nos			
JOHNNERY DETAILS		H.P DETAILS				
R/S ROLLING SHUTTER	3.05 X 3.05	S.Nos	MACHINERIES NAME	Nos	HP	TOTAL HP
O OPENING	3.05 X 3.05	1.	KILN - 9 & 10	2	36.50	73.00
O1 OPENING	0.81 X 2.10	2.	RAW MATERIAL SCREENING	2	20.00	40.00
D DOOR	1.22 X 2.13					
D1 DOOR	1.52 X 2.13					
D2 DOOR	0.91 X 2.13					
W WINDOW	2.44 X 2.44		PROPOSED HP TOTAL			113.00
V1 WINDOW	1.52 X 1.52		EXISTING HP TOTAL			299.00
W2 WINDOW	1.52 X 0.83		TOTAL HP			412.00
V2 VENTILATOR	2.44 X 0.91		WORKERS.			
V1 VENTILATOR	1.52 X 0.91		PROPOSED NO OF WORKERS - 10 NOS			
V2 VENTILATOR	0.91 X 0.81		EXISTING NO OF WORKERS - 25 NOS			
COLOUR INDEX:						
SITE BOUNDARY						
PROPOSED BUILDING						
EXISTING BUILDING						
OPEN SPACE RESERVATION (OSR)						
DRIVE WAY						
ROAD						
A.THANGARAJ, B.E. Registered Engineer Civil Consultant 2/314, J.J. Nagar, Mehar (Post), Theethukudi. Cell : 96593 43829.		Dr.A.JEYEKUMAR, ME., Ph.D.,M.Sc.,FIE.,MBA., Chartered Engineer, M-146180-4&F-124638 - 7 Dist Collector's Panel Engineer Class 1-A D.DISC/30815/2013 Structural Engineer, CE/SE/LM/189, 17H, Chinambara Nagar Main Road, Turicorin - 628 008. Cell: 9443340955 REGISTERED STRUCTURAL ENGINEER				
For KALPAKA CHEMICALS PRIVATE LTD		S. GANESAN B.E., (HONS) Director				
REGISTERED ENGINEER		APPLICANT				