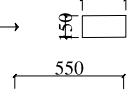
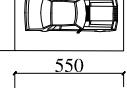
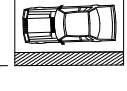




PARKING CALCULATION		
ACADEMIC BLOCK	ONE PARKING FOR EVERY OR FRACTION OF 100 SQ METERS OF CARPET AREA	88 NOS
PH parking	2% of car parking area	2 NOS
two wheeler	25% of car parking area	110 NOS
BOYS' HOSTEL	ONE PARKING FOR EVERY OR FRACTION OF 2.5 ROOMS (WITH EACH ROOM UPTO 12 SQ METRES AND UPTO 20 SQ METRES CARPET AREA) + ONE PARKING FOR EVERY 20 SQ METRES CARPET AREA OF DINING SPACES OR 10 SEATS OF DINING ACCOMMODATION	20 + 12 32 NOS
PH parking	2% of car parking area	1 NOS
two wheeler	25% of car parking area	40 NOS
GIRLS' HOSTEL	ONE PARKING FOR EVERY OR FRACTION OF 2.5 ROOMS (WITH EACH ROOM UPTO 12 SQ METRES AND UPTO 20 SQ METRES CARPET AREA) + ONE PARKING FOR EVERY 20 SQ METRES CARPET AREA OF DINING SPACES OR 10 SEATS OF DINING ACCOMMODATION	20 + 6 26 NOS
PH parking	2% of car parking area	1 NOS
two wheeler	25% of car parking area	33 NOS
CANTEEN	ONE PARKING FOR EVERY 20 SQ METRES CARPET AREA OF DINING SPACES OR 10 SEATS OF DINING ACCOMMODATION	15 NOS
PH parking	2% of car parking area	1 NOS
two wheeler	25% of car parking area	19 NOS
WORKSHOP	ONE PARKING FOR EVERY OR FRACTION OF 200 SQ METRES OF CARPET AREA	6 NOS
PH parking	2% of car parking area	1 NOS
two wheeler	25% of car parking area	8 NOS
REQUIRED CAR PARKING = 107 NOS		REQUIRED TWO WHEELER PARKING = 210 NOS
PROVIDED CAR PARKING = 138 NOS		PROVIDED TWO WHEELER PARKING = 300 NOS

RAIN WATER HARVEST TANK CAPACITY	
ACADEMIC BLOCK = 555600 L	<div>LEGEND</div> <div>TWO WHEELER PARKING → </div> <div>FOUR WHEELER PARKING → </div> <div>PH PARKING → </div> <div>AREA EXEMPTED FOR DEVELOPMENT AS VIDE G.O.No. 30/2012 dtd 16.02.2012 → </div> <div>AREA NOT FOR DEVELOPMENT AS A PART OF ENGINEERING COLLEGE → </div>
BOYS' HOSTEL = 160500 L	
GIRLS' HOSTEL = 138800 L	
CANTEEN = 40000 L	
WORKSHOP = 40000 L	

AREA CALCULATION							
PLINTH AREA							
	EXISTING	PROPOSED					
FLOOR	ACADEMIC BLOCK	ACADEMIC BLOCK	WORKSHOP	CANTEEN	BOY'S HOSTEL	GIRL'S HOSTEL	SECURITY CABIN
GROUND FLOOR	1192.88	2597.16	430.40	350.91	1200.87	1048.17	8.51
FIRST FLOOR	1141.45	2451.85	503.65	-----	1104.48	804.55	-----
SECOND FLOOR	1141.45	2451.85	503.65	-----	809.77	804.55	-----
TERRACE FLOOR	34.72	99.90	44.51	-----	93.37	120.08	-----
TOTAL	3510.5	7600.76	1482.21	350.91	3208.49	2777.35	8.51
CARPET AREA							
	EXISTING	PROPOSED					
FLOOR	ACADEMIC BLOCK	ACADEMIC BLOCK	WORKSHOP	CANTEEN	BOY'S HOSTEL	GIRL'S HOSTEL	SECURITY CABIN
GROUND FLOOR	954.30	2077.72	344.32	280.72	960.69	838.54	6.81
FIRST FLOOR	913.16	1961.48	402.92	-----	883.58	643.64	-----
SECOND FLOOR	913.16	1961.48	402.92	-----	647.82	643.64	-----
TERRACE FLOOR	-----	-----	-----	-----	-----	-----	-----
TOTAL	2780.62	6000.68	1150.16	280.72	2492.09	2125.82	6.81

PLOT AREA : 4.29 hectare (42900 m²)
F.A.R : 0.44
COVERAGE : 16.08 %
DISTRICT : PATHANAMTHITTA
VILLAGE : ARANMULA
TALUK : KOZHANCHERY
SURVEY NO. : 137/2,3,4,5,6,7,9,10
139/1,2,3,4-1,5,6,7
140/1
163/1,2,3,8,9
164/1,2-1,4,10,13,14
165/1-2,2,3,5,6,7,8,16,17
166/3

PROJECT

PROPOSED ENGINEERING COLLEGE
AT ARANMULA, PATHANAMTHITTA.

NOTES

1. This drawing is sole property of 'Pithavadian and Partners' and must not be reproduced or altered either in full or in part by anyone without consent from us or be passed to any individual or company not authorised by us.
2. Any discrepancy in the drawing should be brought to the immediate attention of the Architect
3. All dimensions in millimeters and levels in meters.
4. Dimensions to be followed as indicated and not to be scaled

CLIENT:

CO-OPERATIVE ACADEMY OF PROFESSIONAL EDUCATION (CAPE)

DRAWING TITLE:
KEY PLAN
SITE PLAN AND SERVICE PLAN

JOB NO: 37298
DWG NO: 1/20
REV: 1/20

DESIGN: Mahesh
DRAWN: Anju
CHKD: Mahesh

SHEET: A1
SCALE: 1:1000

ISSUED FOR: ☐ SCHEME ☐ TENDER ☐ INFORMATION ☒ APPROVAL ☐ CONSTRUCTION

ARCHITECTURE * INTERIORS * PLANNING * ENGINEERING * MANAGEMENT

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Certified that the site plan is prepared after verification of ownership document and site and the measurements shown are found to be correct. Certified that the building plan is prepared in accordance with the provisions in the KPBR Act 144 and the provisions contained in the sanctioned Town Planning Schemes.

FOR PITHAVADIAN AND PARTNERS

DRG.NO.
1