

**SPECIFICATION:**

- FOUNDATION IN R.C.C. OVER P.C.C. & SAND FILLING
- BRICK WORK IN C.M. 1:3 MORTAR
- PLASTERING IN C.M. 1:3 MORTAR
- ALL R.C.C. WORK IN C.C. 1:2:4
- FLOORING CONCRETE IN C.C. 1:2:4
- FLOORING FINISHING WITH MOSAIC TILES
- JOINERIES IN COUNTRY WOOD
- FINISHING WITH COLOUR WASH

**SCHEDULE OF JOINERY**

S.NO	DESCRIPTION	IN FEET	IN METER
1	MD -DOOR	3'6"X7'0"	-2.00X2.13
2	D1 -DOOR	3'0"X7'0"	-0.91X2.13
3	D2 -DOOR	2'9"X7'0"	-0.70X2.13
4	W -WINDOW	7'9"X4'0"	-2.40X1.22
5	W1 -WINDOW	5'6"X4'0"	-1.60X1.22
6	W2 -WINDOW	4'0"X4'0"	-1.20X1.22
7	FG -WINDOW	10'0"X4'0"	-10.60X3.00
8	V -VENTILATOR	2'6"X3'6"	-0.75X0.76

**AREA STATEMENT :**

AS PER PATTA	SQ.M
AS PER PATTA	650.00
AS PER DOCUMENT	625.70

**OVERALL AREA STATEMENT**

FLOOR	FSI AREA
GROUND FLOOR	218.88
FIRST FLOOR	218.88
TOTAL	437.76
TOTAL FSI ACHIEVED	= 0.70

**PARKING DETAILS**

**CAR PARKING REQUIRED**

TOTAL NO OF CAR PAR REQUIRED = 6 NOS

**CAR PARKING PROVIDED**

TOTAL CAR PARKING PROVIDED = 6 NOS

TOTAL TWO WHEELER PARKING PROVIDED = 10 NOS

**COLOUR INDEX**

PROPOSED	BOUNDARY	ROAD
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**PROJECT TITLE**

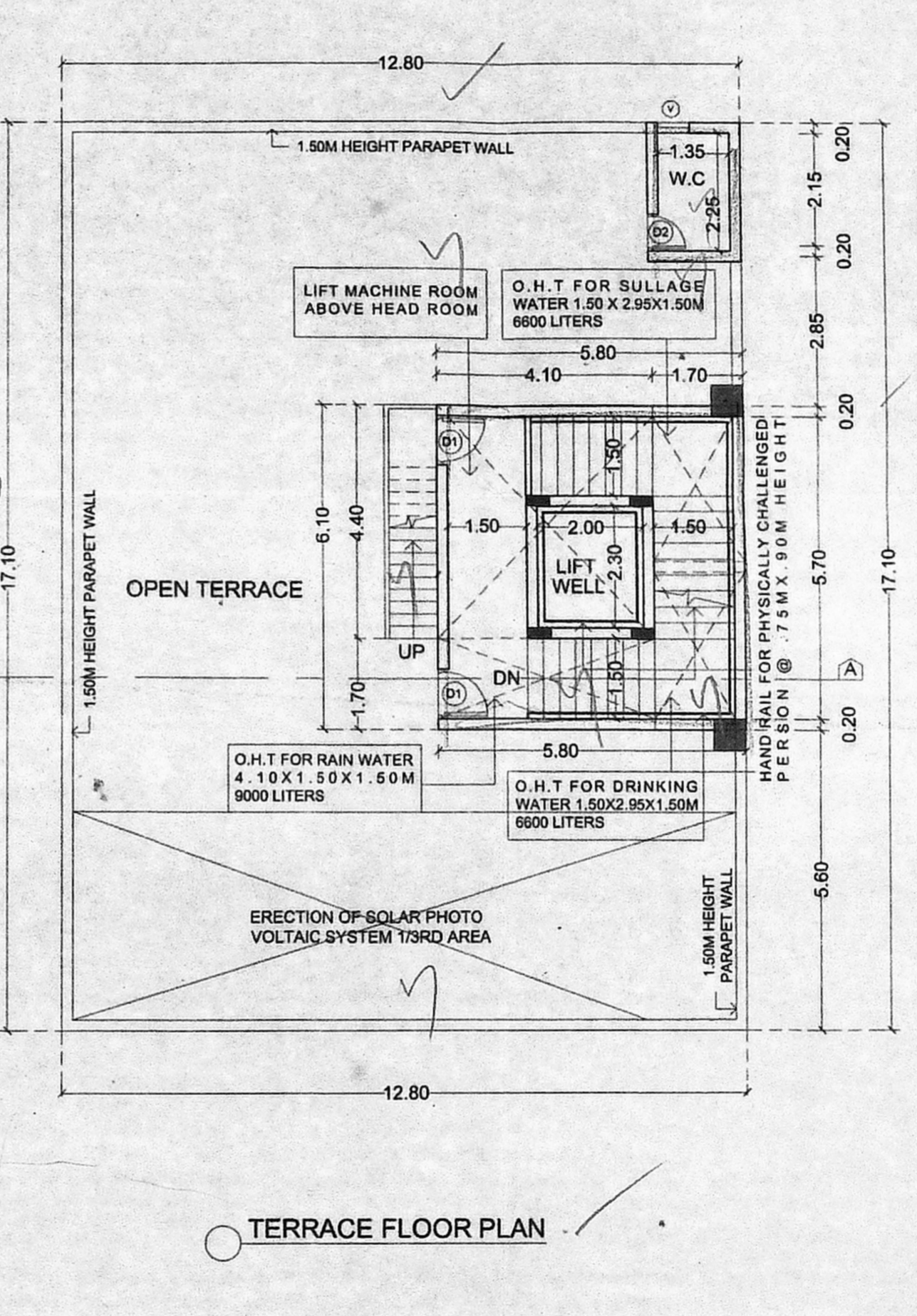
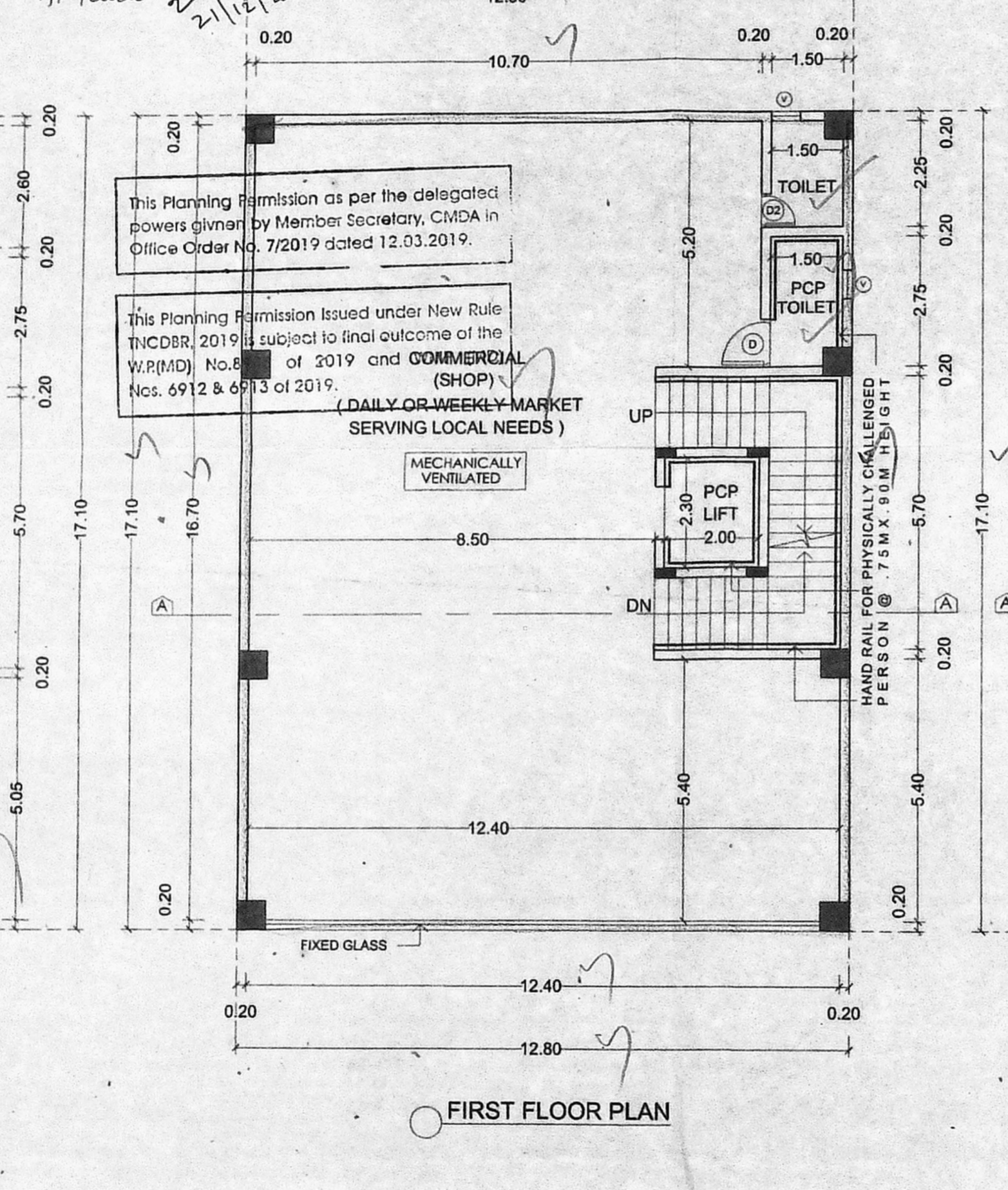
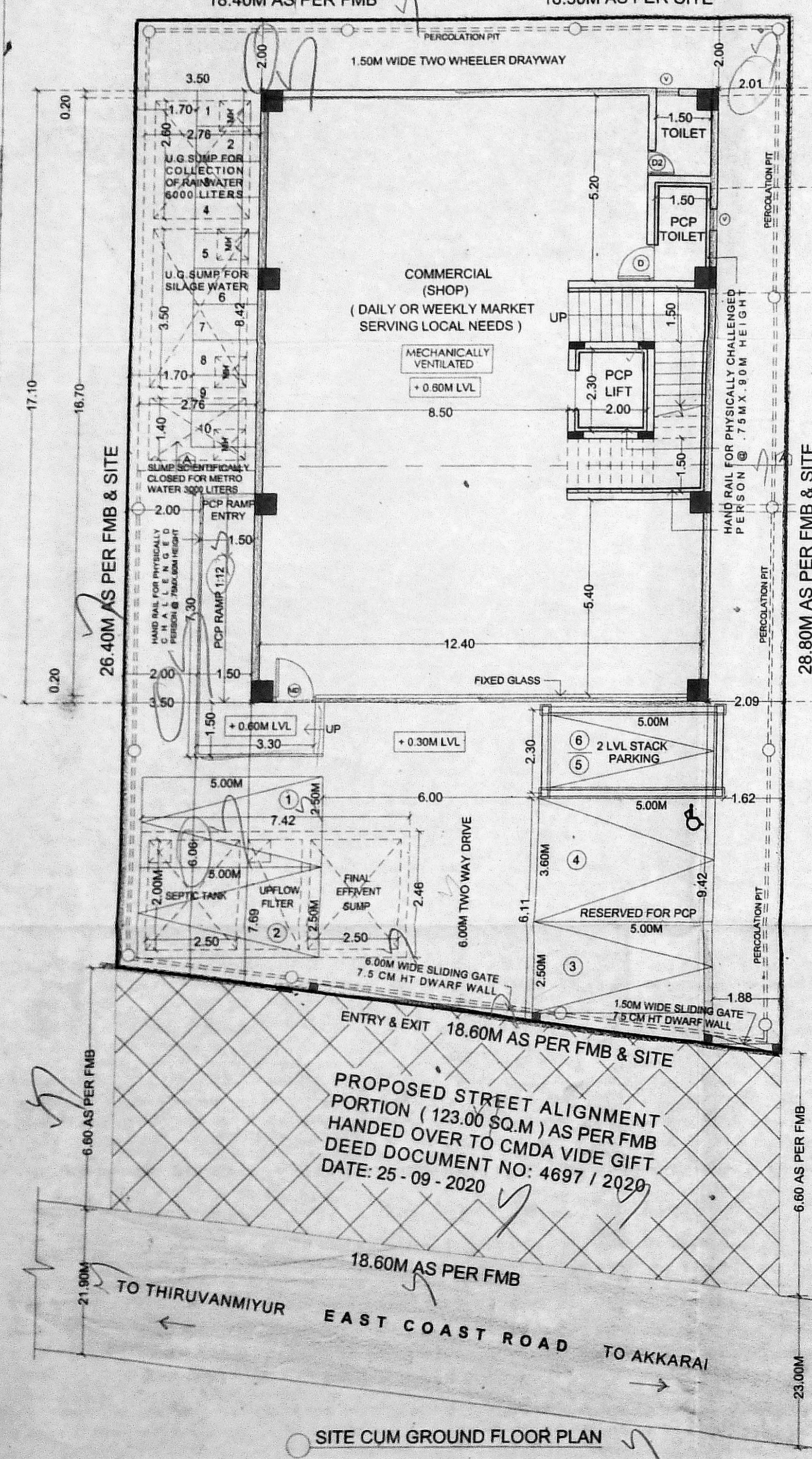
PLAN SHOWING THE PROPOSED CONSTRUCTION OF GROUND FLOOR + 1ST FLOOR DAILY OR WEEKLY MARKET SERVING LOCAL NEEDS SHOP BUILDING AT PLOT NO: 22, EAST COAST ROAD, RAJA NAGAR, NEELANGARAI, CHENNAI-600 115. COMPRISED IN OLD S.NO: 95 (PART) NEW S.NO: 95/5A OF NEELANKARAI VILLAGE, SHOLINGANALLUR TALUK, CHENNAI DISTRICT, WITHIN LIMITS OF GREATER CHENNAI CORPORATION, ZONE XV, DIVISION-192.

**APPLICANT**

AMMA NAANA  
 100, CHAMBERS ROAD,  
 CHENNAI - 600 018.  
 GST. 33AAZFA6115M2C

**ARCHITECT**

C.M. SANTOSH KUMAR, B.Arch, Urban Planner  
 Architect / CA / 2012 / 54444  
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**DESIGN OF SEPTIC TANK WITH UPFLOW FILTERS:**

NO. OF UNITS = 9

NO. OF USERS = 5X9 = 45 PERSONS

RATE OF WATER SUPPLY = 150 L/DAY

THEN FLOW OF SEWAGE PER DAY = 45X150 = 6750LTS

DETENTION PERIOD IS 18 HRS = 4500x18/24 = 3375 LTS

TANK CAPACITY THE TANK IS TO BE CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LITS PER PERSON PER YEAR WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 5000 LTS

SEPTIC TANK HAVING A CAPACITY OF 5000 LITERS

DEPTH OF LIQUID AS PLAN AREA OF THE TANK 5/1.5 THE RATIO OF LENGTH TO WIDTH OF TANK TO BE LENGTH X BREADTH x 3

BREADTH OF TANK = 55.M<sup>2</sup>

LENGTH OF TANK = 2.46M

FREE BOARD OF THE TANK = 0.4M

TOTAL DEPTH OF THE TANK (1.5+0.4) = 1.9M

DISCHARGE FOR 45 PERSONS = 6000 LTS

VOLUME 3.33 x 0.45 = 1.50M<sup>3</sup>

DEPTH 1.10 - 0.30 = 0.80M

PLAN AREA REQUIRED 1.5/0.8 = 1.88M<sup>2</sup>

SIZE OF FINAL EFFLUENT SUMP UPFLOW FILTER NO 1 = 2.00x2.50x1.5 = 2.00x1.5x1.5

