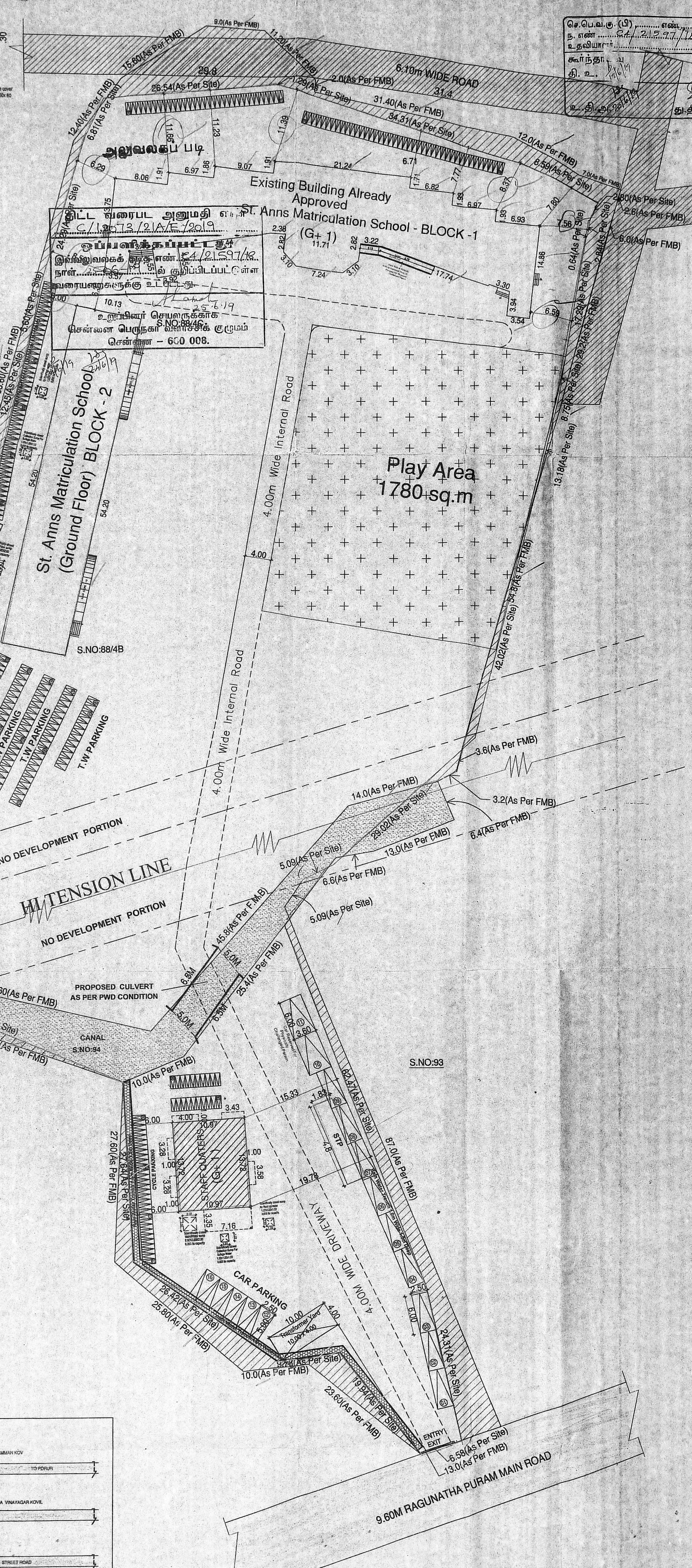
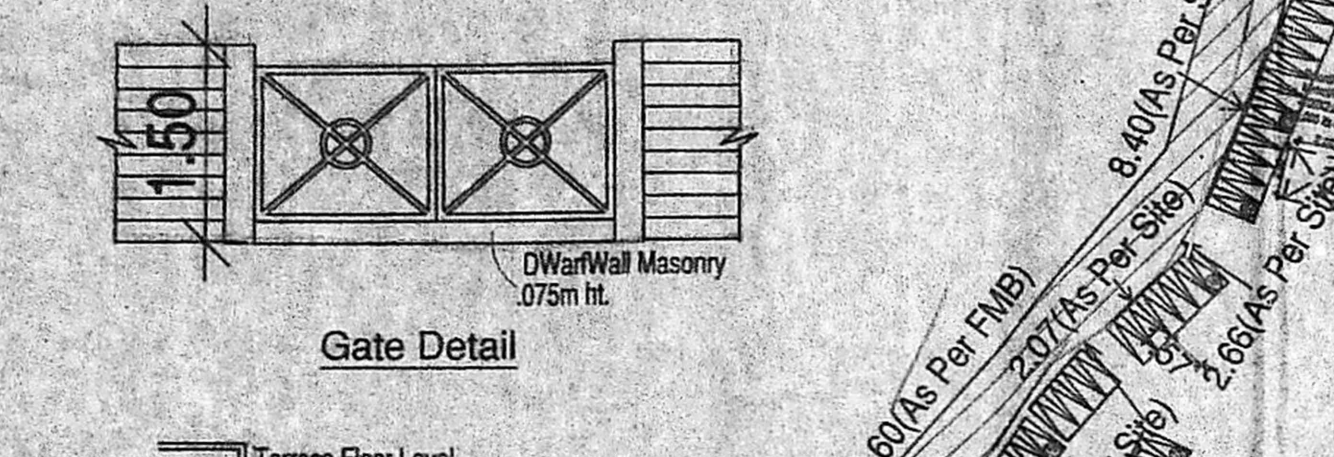
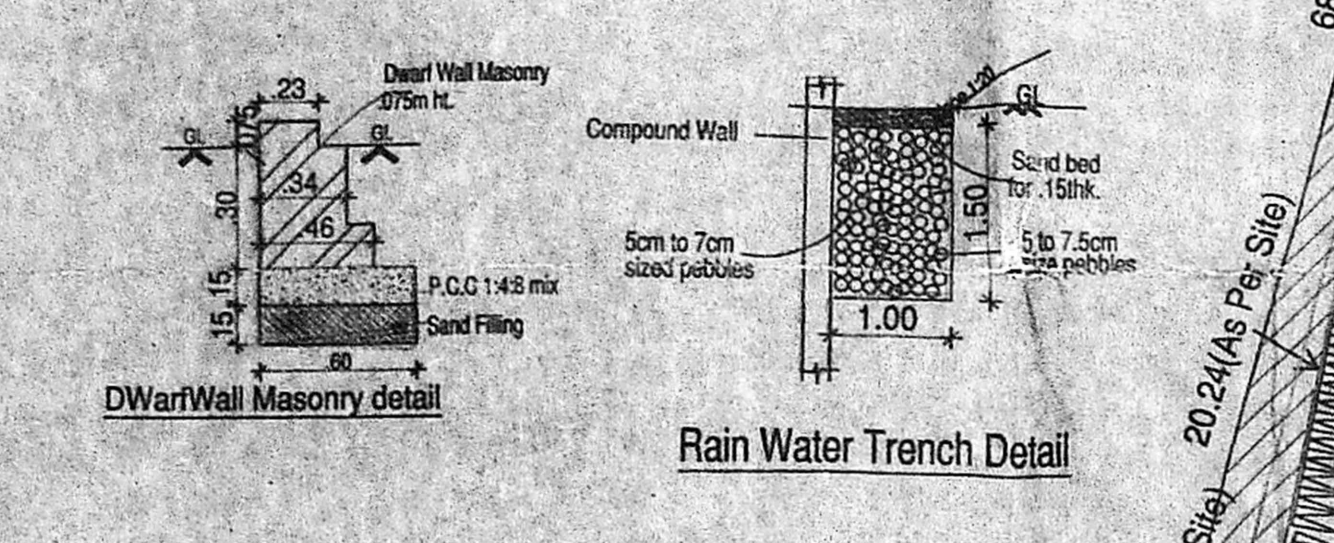
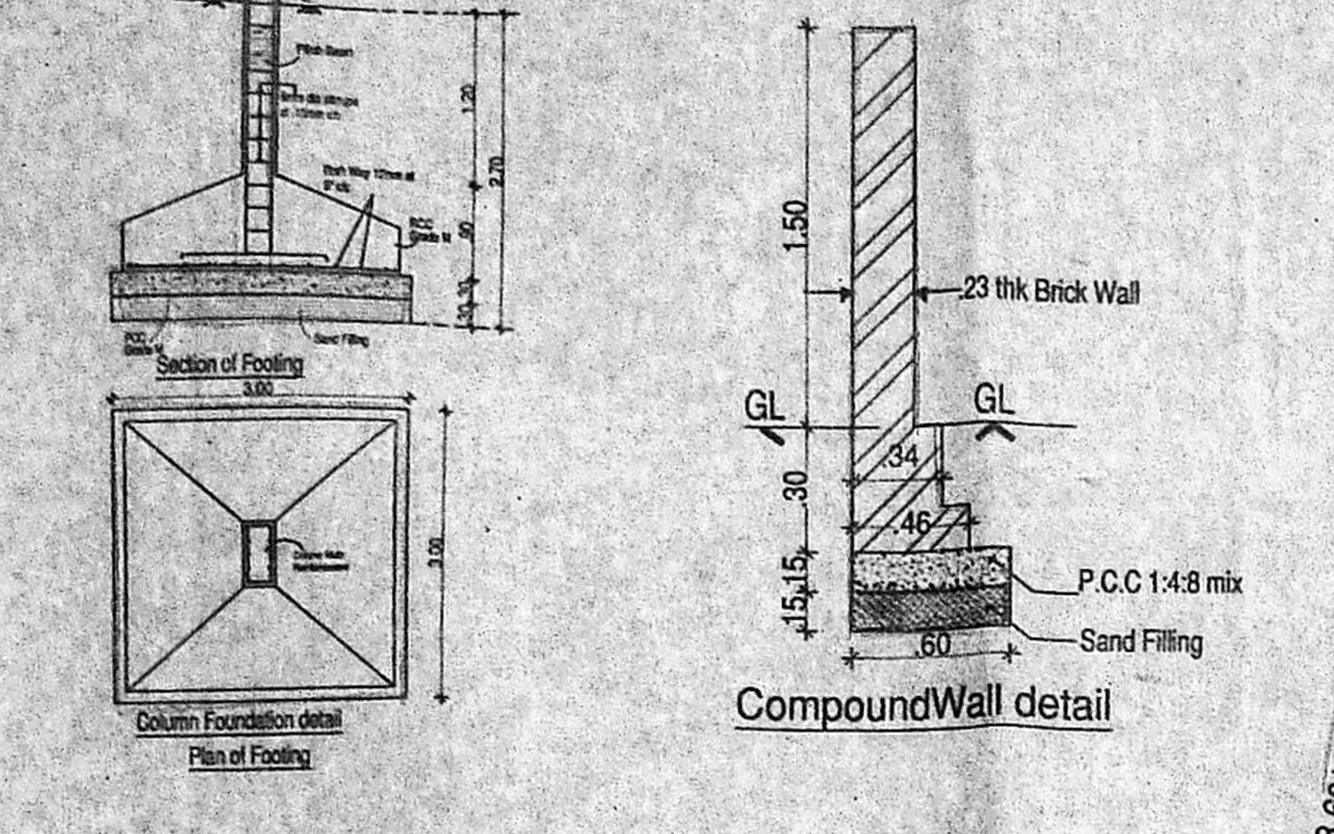
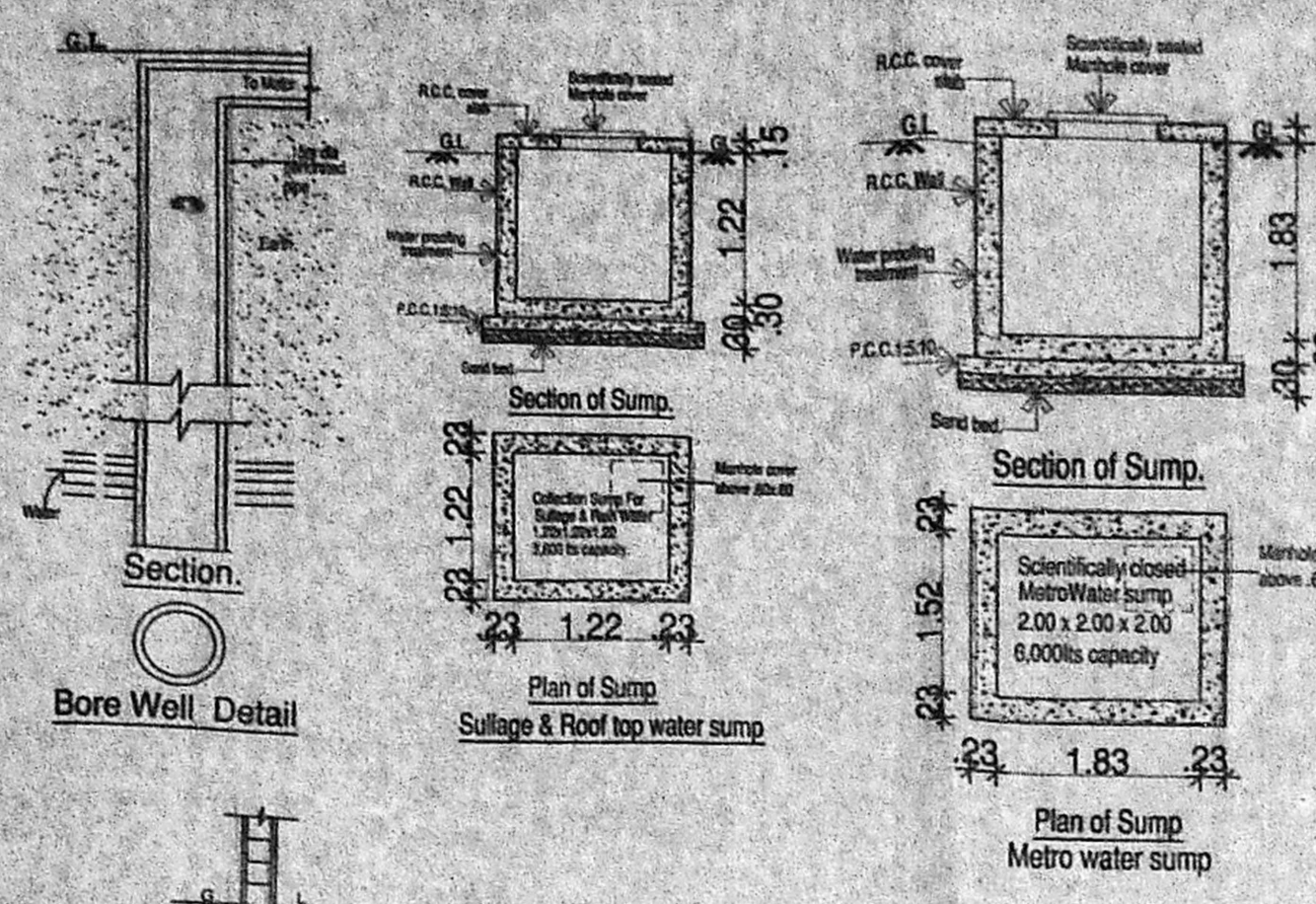
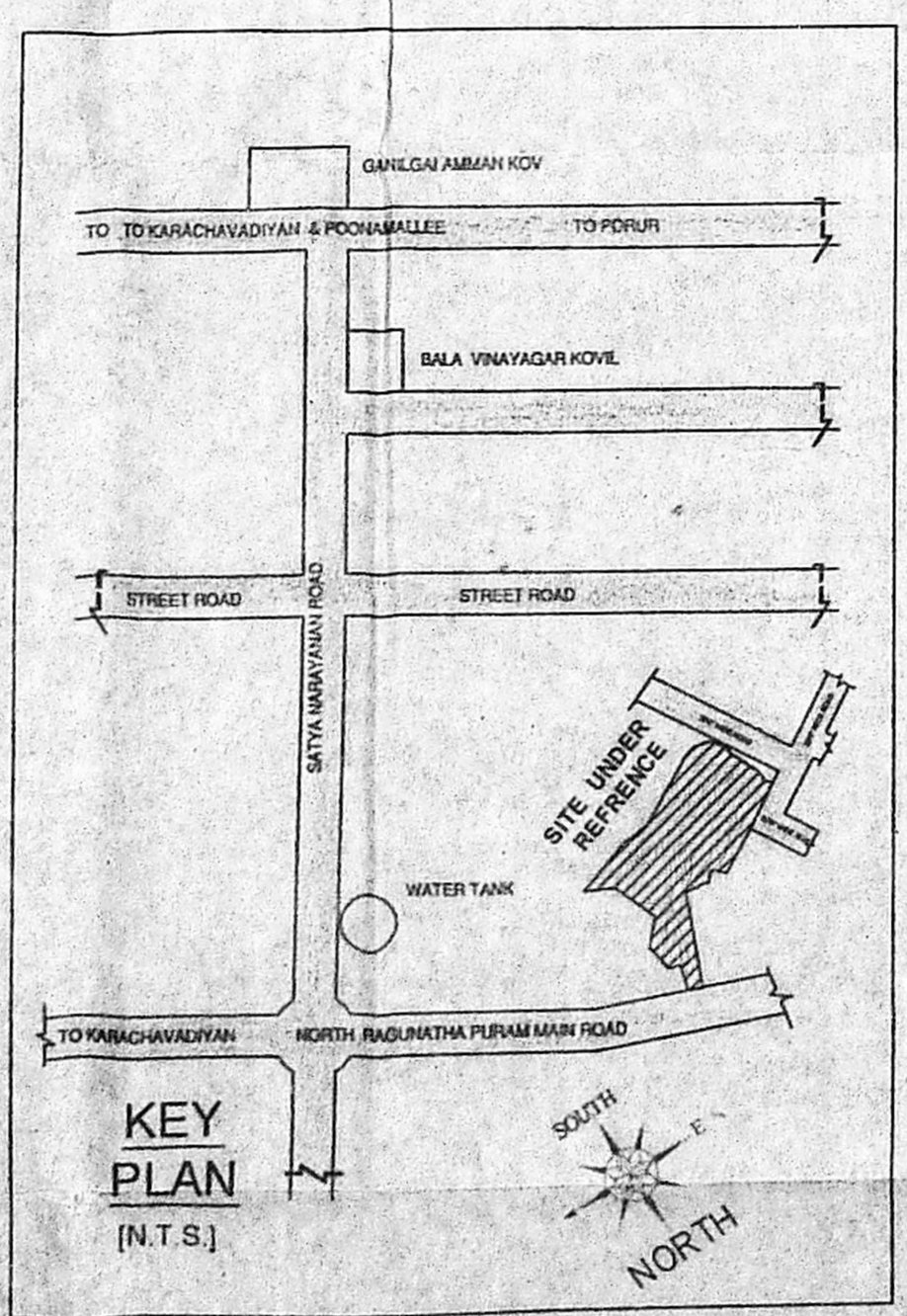


பெ.பெ.வ.கு. (பி) எண். 19/6/19
 ந. எண். 19/6/19
 உ. தயாரிப்பு: 19/6/19
 சமர்ந்தா: 19/6/19
 சி. உ. 19/6/19
 உ. சி. 19/6/19



NOTE :
 HYDRAULIC PARTICULARS RECOMMENDED FOR CULVERT
 LINEAR WATER WAY AS PER FMB : CHANNEL - 6.50 X 5.0M
 PROPOSED SILL LEVEL : 17.490M
 BOTTOM OF DECK SLAB OF PROPOSED CULVERT : 18.690M
 MFL AS SITE DURING 2015 : 10.010M
 B.M. SILL LEVEL OF SLUICE NO:6, CHEMBARAMBAKKAM TANK : 19.196M

AREA STATEMENT	Sq.M.
PLOT EXTENT AS PER PATTI	14200.00
PLOT EXTENT AS PER DOCUMENT	14166.00
EXISTING BUILDING ALREADY APPROVED AREA	
SCHOOL BUILDING BLOCK - 1	
FLOOR NAME	F.S.I
EXISTING GROUND FLOOR	836.90
EXISTING FIRST FLOOR	836.90
TOTAL FLOOR	1673.80
PROPOSED AREA (SCHOOL BUILDING BLOCK - 2)	
GROUND FLOOR	553.42
PROPOSED AREA (STAFF QUARTERS BLOCK - 3)	
GROUND FLOOR	174.52
FIRST FLOOR	168.07
TOTAL FLOOR	342.59
EXISTING TOTAL	1673.80
PROPOSED TOTAL	896.01
GRAND TOTAL	2569.81
F.S.I ACHIEVED	0.18
PLOT COVERAGE	11.05%
CAR PARKING REQUIRED	10 NOS
CAR PARKING PROVIDED	16 NOS
T.W PARKING REQUIRED	22 NOS
T.W PARKING PROVIDED	40 NOS
CYCLE PARKING REQUIRED	215 NOS
CYCLE PARKING PROVIDED	359 NOS
TOTAL NO. OF CLASS ROOM	22
TOTAL NO. OF STUDENTS	22*40 = 880
NO. OF STAFFS	40
EXISTING BUILDING ALREADY APPROVED NUMBER	
PLANNING PERMIT No.C/8429/10A & B /2014	
VIDE LETTER No.C4/1167/13 DATED - 28.03.14	



PLAN SHOWING THE EXISTING SCHOOL BUILDING AND PROPOSED ADDITIONAL CONSTRUCTION OF PRIMARY SCHOOL BUILDING RAGHUNATHAPURAM MAIN ROAD, MANGADU, CHENNAI-600122, COMPRISED IN R.S.No.86/4A, 4B, 4C & 93/2 AT MANGADU VILLAGE & TOWN PANCHAYAT, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

SPECIFICATION
 ALL CONCRETE WORK SHOULD BE CARRIED AS PER IS:456-2000
 USE MIX M:25 GRADE FOR ALL R.C.C WORKS
 CLEAR COVER TO THE REINFORCEMENT FOR FOOTING :50MM, COLUMN 40MM, BEAM 30MM SLAB 30MM, R.C.C WALL 30MM
 QUARRY DUST CAN BE USED FOR ALL P.C.C WORKS P.C.C 1:4:8/1:5:10) AND BRICK JELLY WORKS (RIVER SAND IF NOT AVAILABLE)

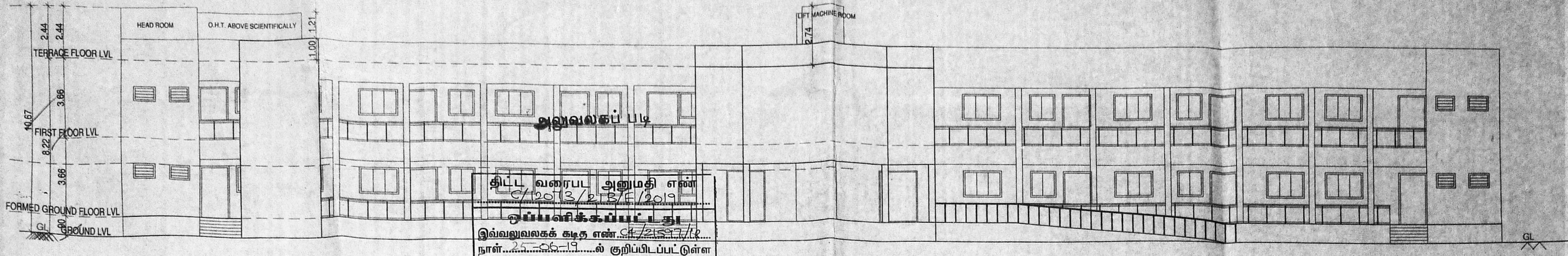
ALL DIMENSIONS ARE IN METRES
 SCALE 1:200
 LEGEND:
 EXISTING SHOWN IN
 PROPOSED SHOWN IN
 BOUNDARY SHOWN IN
 ROAD SHOWN IN

NORTH POINT
 NORTH
 OWNER'S SIGNATURE

ARCHITECT SIGNATURE
 C.EZHIL MARAN
 ARANN ARCHITECTS
 REGISTERED ARCHITECT
 C.O.A. NO.62/2007/11
 LICENSED SURVEYOR No. 10487
 NO.7 KAMARAJAR STREET,
 KANAKALAI COLONY,
 KOYAMBEDU, CHENNAI - 600 107.

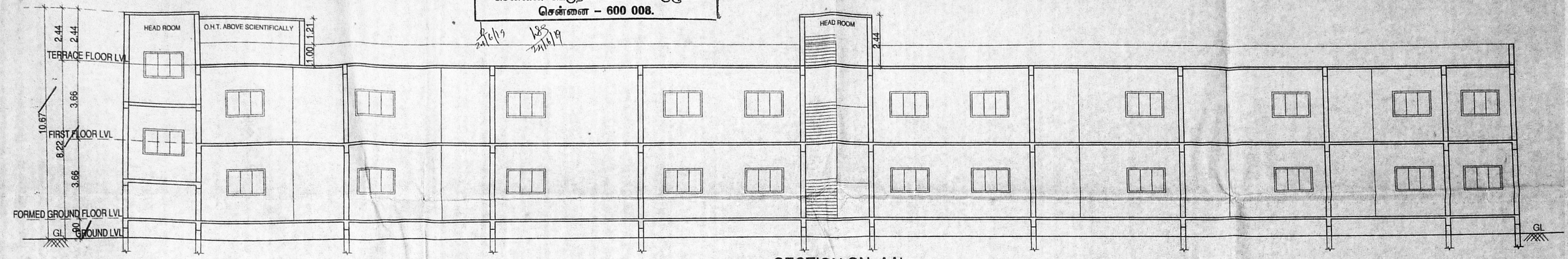
செய்தியலகம் 2
19/6/19

பெ.பெ.பெ. (3) எண்...
ப. எண்...
உ.தலியன்...
காந்தாயன்...
தி. எ. சி...
பி. அ. சி...

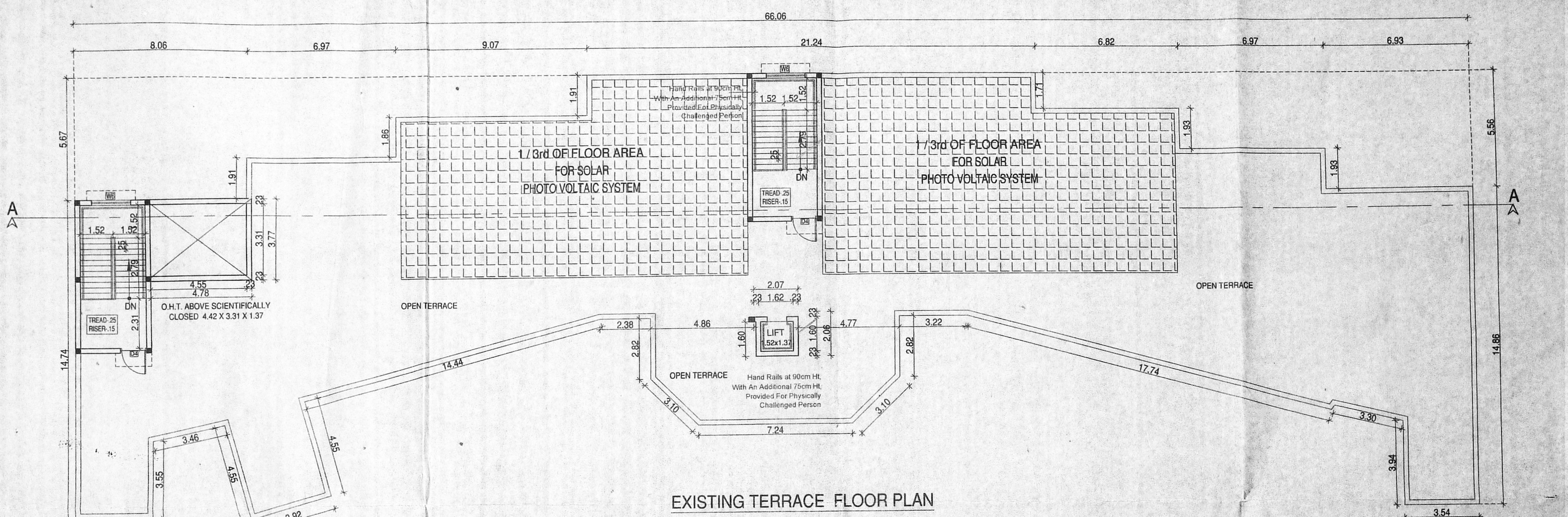


திட்ட வரைபடி அனுமதி எண்...
பெ.பெ.பெ. (3) எண்...
ப. எண்...
உ.தலியன்...
காந்தாயன்...
தி. எ. சி...
பி. அ. சி...

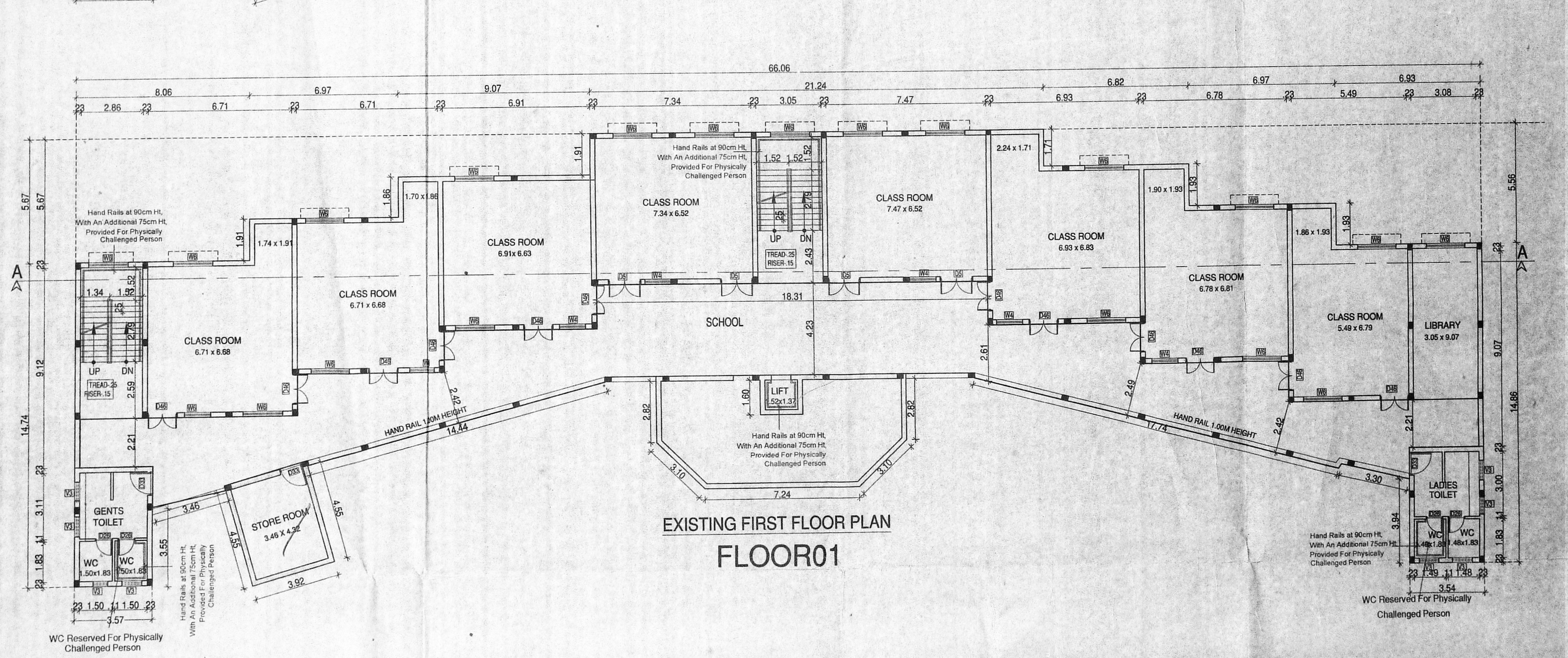
FRONT ELEVATION



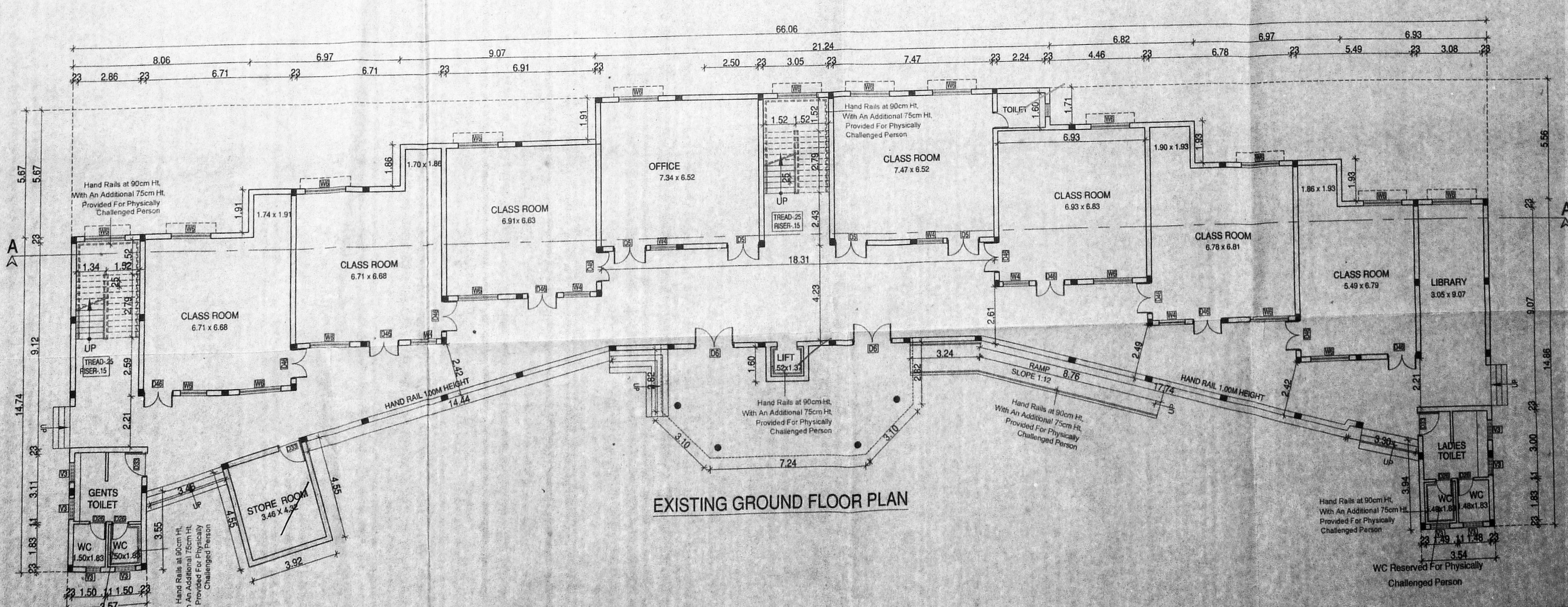
SECTION ON AA'



EXISTING TERRACE FLOOR PLAN



EXISTING FIRST FLOOR PLAN
FLOOR 01



EXISTING GROUND FLOOR PLAN

BLOCK - 1	SHEET NO. 2/5
PLAN SHOWING THE EXISTING SCHOOL BUILDING AND PROPOSED ADDITIONAL CONSTRUCTION OF PRIMARY SCHOOL BUILDING RAGHUNATHAPURAM MAIN ROAD, MANGADU, CHENNAI-600122, COMPRISED IN R.S.No.88 / 4A,4B, 4C & 93/2 AT MANGADU VILLAGE & TOWN PANCHAYAT, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.	
EXISTING BUILDING ALREADY APPROVED NUMBER PLANNING PERMIT No. C842910A & B/2014 WIDE LETTER No. C4/1167/13 DATED - 28.03.14	
SPECIFICATION ALL CONCRETE WORK SHOULD BE CARRIED AS PER IS:499-2000 USE MIX M25 GRADE FOR ALL R.C.C WORKS CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 40MM, COLUMN 40MM, BEAM 30MM, SLAB 30MM, R.C.C WALL 30MM QUARRY DUST CAN BE USED FOR ALL R.C.C WORKS P.C.C 1:4:8(1:5:10) AND BRICK JELLY WORKS (RIVER SAND IF NOT AVAILABLE)	
Schedule of Joineries D6 1.03X 2.13 Panelled Door D5 1.52X 2.13 Panelled Door D4 1.22X 2.13 Panelled Door D3 1.03X 2.13 Panelled Door D2 0.90X 2.13 Panelled Door D1 0.76 X 2.13 Panelled Door W6 1.83 X 1.22 Window W4 1.22 X 1.22 Window V3 0.91 X 0.60 Ventilator V2 0.61 X 0.60 Ventilator	
ALL DIMENSIONS ARE IN METRES SCALE 1: 100	NORTH POINT
LEGEND: EXISTING SHOWN IN <input type="checkbox"/> PROPOSED SHOWN IN <input type="checkbox"/> BOUNDARY SHOWN IN <input type="checkbox"/> ROAD SHOWN IN <input type="checkbox"/>	

ST. ANN'S MATRICULATION SCHOOL
Raghunathapuram
Mangadu, Chennai-600 122

OWNER'S SIGNATURE

Handwritten signature

C. EZHIL MARAN
ARCHITECTS
REGISTERED ARCHITECT
O.A. NO. 6050/2011
NOT. KANAKARAJU
KANKASALAI COLONY
KODAMBURU CHENNAI, 600 107.

ARCHITECT SIGNATURE

PLAN SHOWING THE EXISTING SCHOOL BUILDING AND PROPOSED ADDITIONAL CONSTRUCTION OF PRIMARY SCHOOL BUILDING / 6 / 19

RAGHUNATHAPURAM MAIN ROAD, MANGADU, CHENNAI-600 226

COMPRISED IN P.L. NO. 88/4A, 4B, 4C & 93/2 AT MANGADU VILLAGES TOWN PANCHAYAT, SRIPERUMBUR TALUK, KANCHEEPURAM DISTRICT

EXISTING BUILDING ALREADY APPROVED NUMBER
 PLANNING PERMIT No.C/8429/10A & B/2014
 VIDE LETTER No.C4/1167/13 DATED - 28.03.14

SPECIFICATION

ALL CONCRETE WORK SHOULD BE CARRIED AS PER IS:456-2000
 USE MIX M:25 GRADE FOR ALL R.C.C WORKS
 CLEAR COVER TO THE REINFORCEMENT FOR FOOTING - 50MM, COLUMN 40MM, BEAM 30MM
 SLAB 30MM, R.C.C WALL 30MM
 QUARRY DUST CAN BE USED FOR ALL P.C.C WORKS P.C.C 1:4:8(1:5:10) AND BRICK JELLY WORKS (RIVER SAND IF NOT AVAILABLE)

Schedule of Joineries.

MD	1.03X 2.13	Panelled Door
D33	1.03X 2.13	Panelled Door
D3	0.90X 2.13	Panelled Door
D26	0.76 X 2.13	Panelled Door
W4	1.22 X 1.22	Window
V2	0.61 X 0.60	Ventilator

ALL DIMENSIONS ARE IN METRES

SCALE 1: 100

LEGEND:

EXISTING SHOWN IN

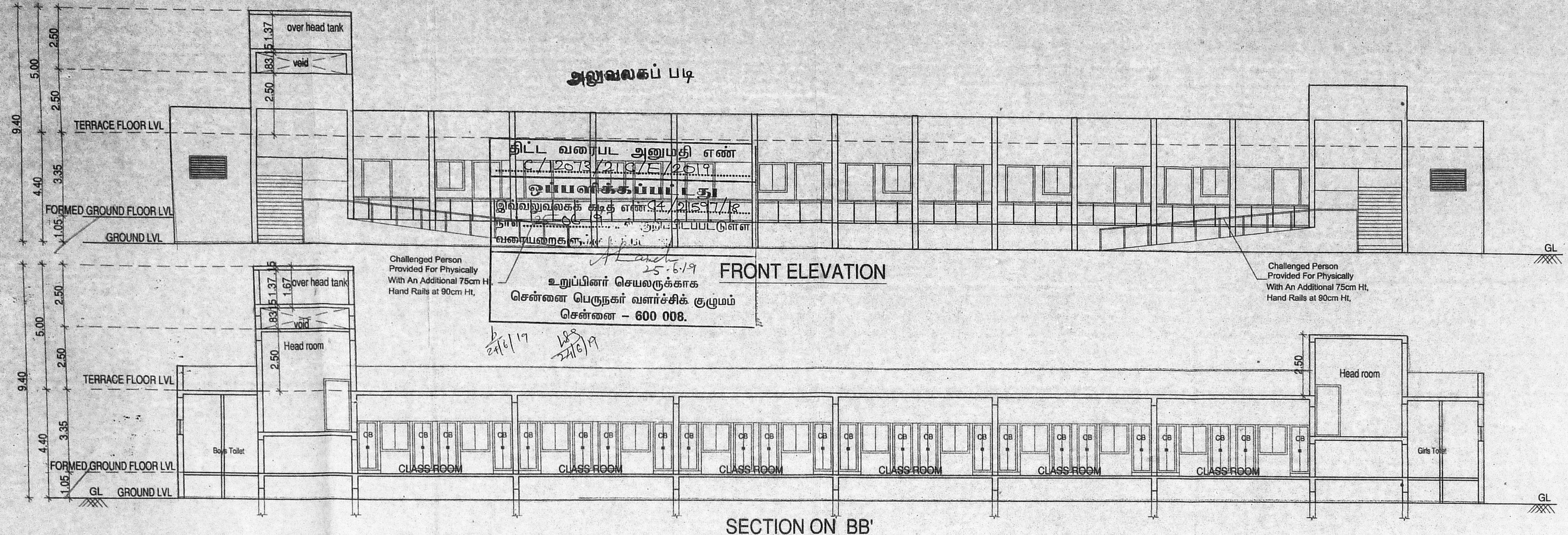
PROPOSED SHOWN IN

BOUNDARY SHOWN IN

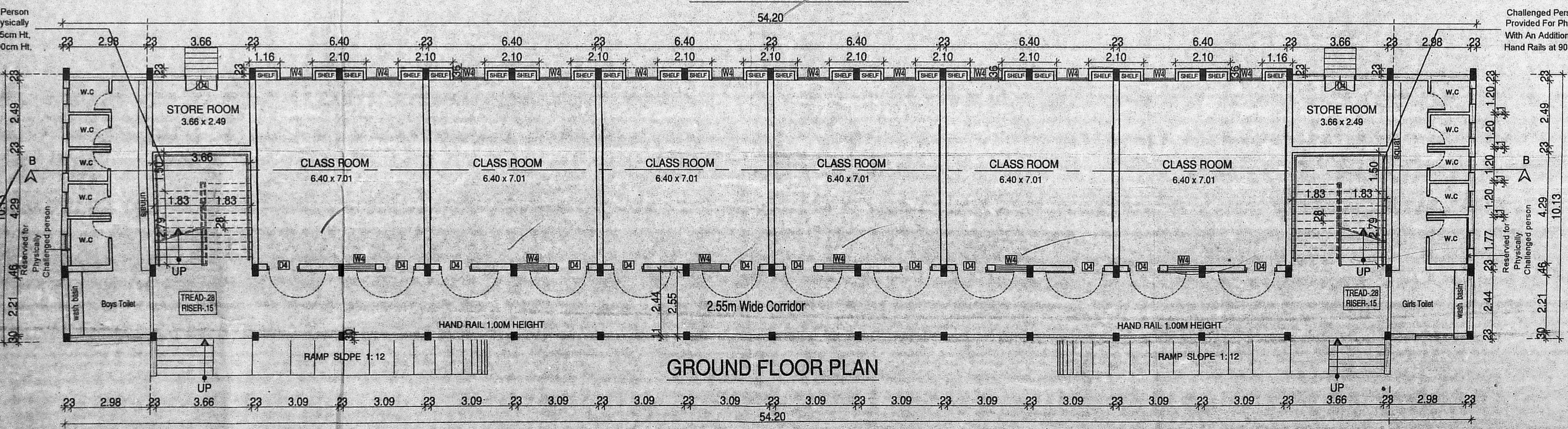
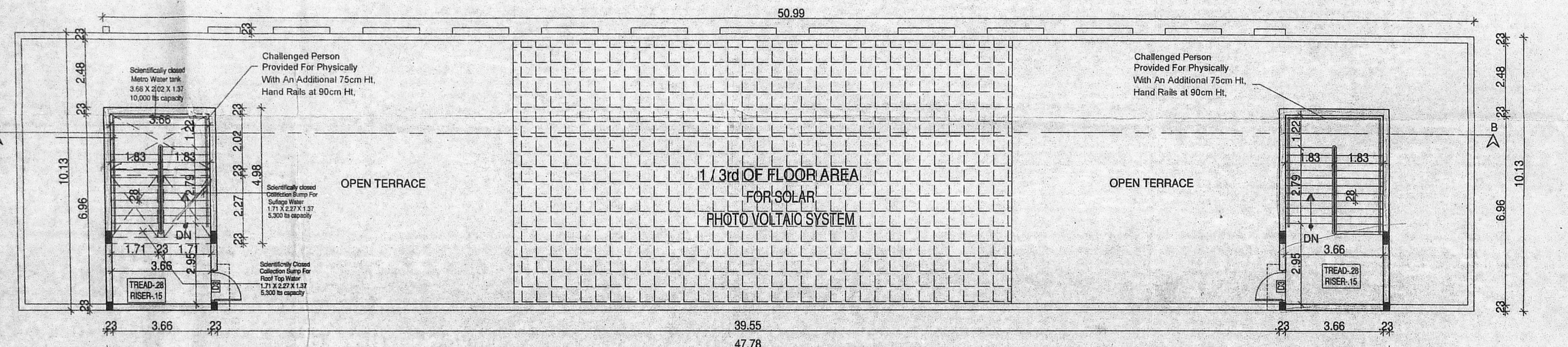
ROAD SHOWN IN

OWNER'S SIGNATURE

ARCHITECT SIGNATURE



திட்ட வரைபட அனுமதி எண்
 C/12673/21A/B/25/19
 உறுப்பினர் செயலருக்காக
 சென்னை பெருநகர் வளர்ச்சிக் குழுமம்
 சென்னை - 600 008.



Sr. Sandhya
 PRINCIPAL
 ST. ANN'S MATRICULATION SCHOOL
 Raghunathapuram,
 Mangadu, Chennai-600 122.

செ. சாமி லட்சுமி
 C.EZHIL MARAN
 ARANN ARCHITECTS
 REGISTERED ARCHITECT
 C.O.A. NO. CA/2003/30781
 LICENSED SURVEYOR No. RA/487
 NO.7 KAMARAJAR STREET,
 KANAGA SAI COLONY,
 KOYAMBEDU, CHENNAI - 600 107.

PLAN SHOWING THE EXISTING SCHOOL BUILDING AND PROPOSED ADDITIONAL CONSTRUCTION OF PRIMARY SCHOOL BUILDING

RAGHUNATHAPURAM MAIN ROAD, MANGALU CHENNAI-600122

சென்னை (பி) நகராட்சி ஒன்றியம்
MANGALU TOWN PANCHAYAT

SRIPERUMBUDUR DISTRICT
KANCHEEPURAM DISTRICT

EXISTING BUILDING ALREADY APPROVED NUMBER
PLANNING PERMIT NO. C/2159/10A & B/2014
VIDE LETTER NO. C/4116/13 DATED - 28.03.14

SPECIFICATION
ALL CONCRETE WORK SHOULD BE CARRIED AS PER IS:456-2000
USE MIX M.25 GRAD² FOR ALL R.C.C WORKS
CLEAR COVER TO THE REINFORCEMENT FOR FOOTING -50MM, COLUMN 40MM, BEAM 30MM SLAB 30MM, R.C.C WALL 30MM
QUARRY DUST CAN BE USED FOR ALL P.C.C WORKS P.C.C 1:4:8(1:5:10) AND BRICK JELLY WORKS (RIVER SAND IF NOT AVAILABLE)

Schedule of Joineries:

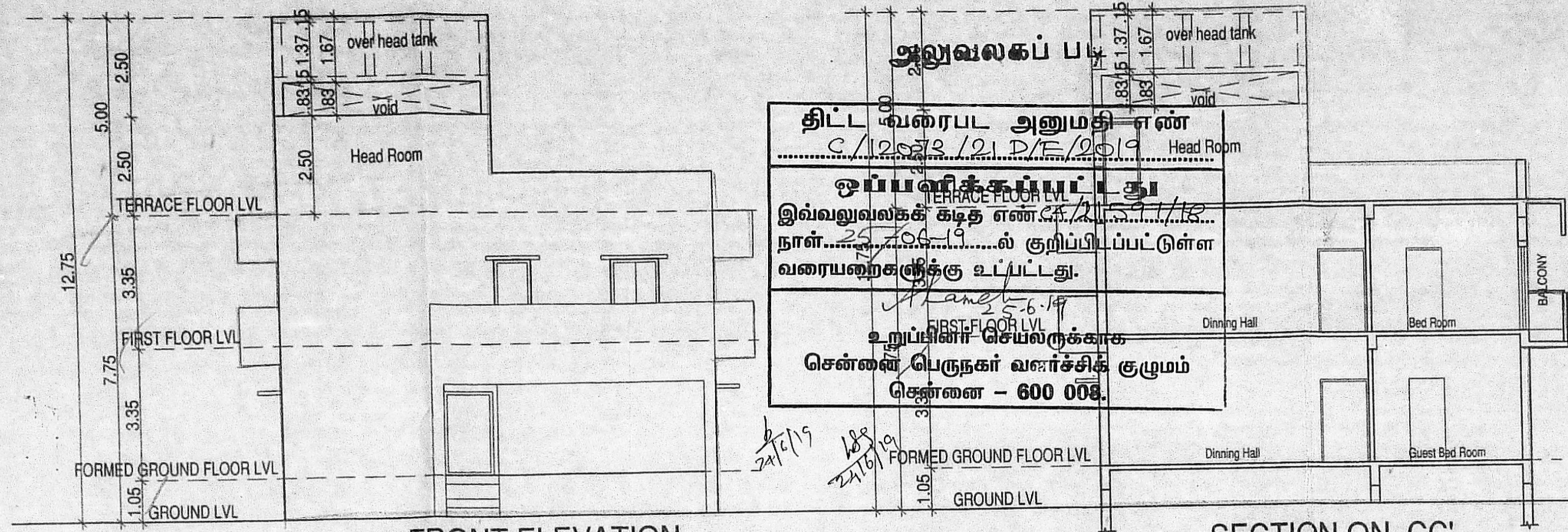
MD	1.03X 2.13	Panelled Door
D33	1.03X 2.13	Panelled Door
D3	0.90X 2.13	Panelled Door
D26	0.76 X 2.13	Panelled Door
W4	1.22 X 1.22	Window
V2	0.61 X 0.60	Ventilator

ALL DIMENSIONS ARE IN METRES
SCALE 1: 100
LEGEND:
EXISTING SHOWN IN
PROPOSED SHOWN IN
BOUNDARY SHOWN IN
ROAD SHOWN IN

PRINCIPAL
ST. ANN'S MATRICULATION SCHOOL
Raghunathapuram,
Mangadu, Chennai-600 122.
OWNER'S SIGNATURE

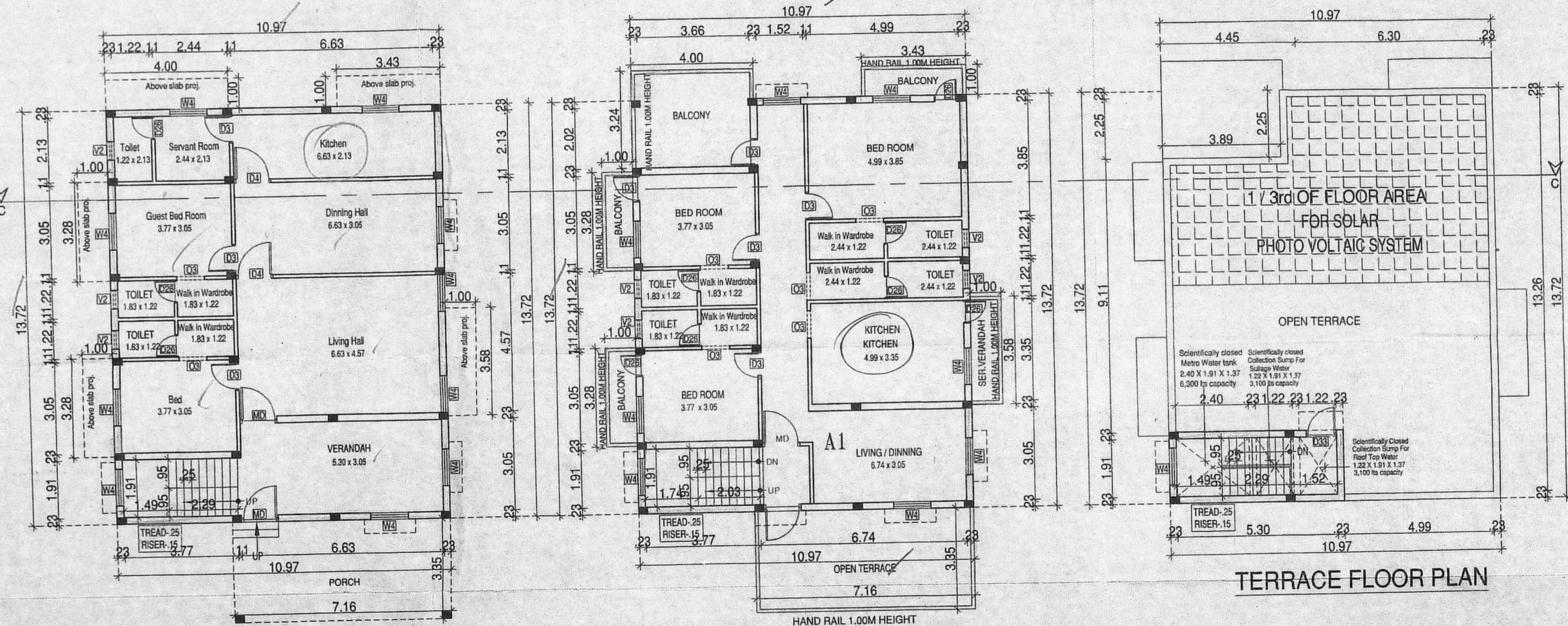
ARCHITECT SIGNATURE

C.EZHIL MARAN
ARANN ARCHITECTS
REGISTERED ARCHITECT
C.O.A. NO CA/2003/30721
LICENSED SURVEYOR No. RA/487
NO. 7 KAMARAJAR STREET,
KANAGASABAI COLONY,
KOYAMBEDU, CHENNAI - 600 107.



FRONT ELEVATION

SECTION ON CC'



GROUND FLOOR PLAN

FIRST FLOOR PLAN

TERRACE FLOOR PLAN

ARCHITECT SIGNATURE

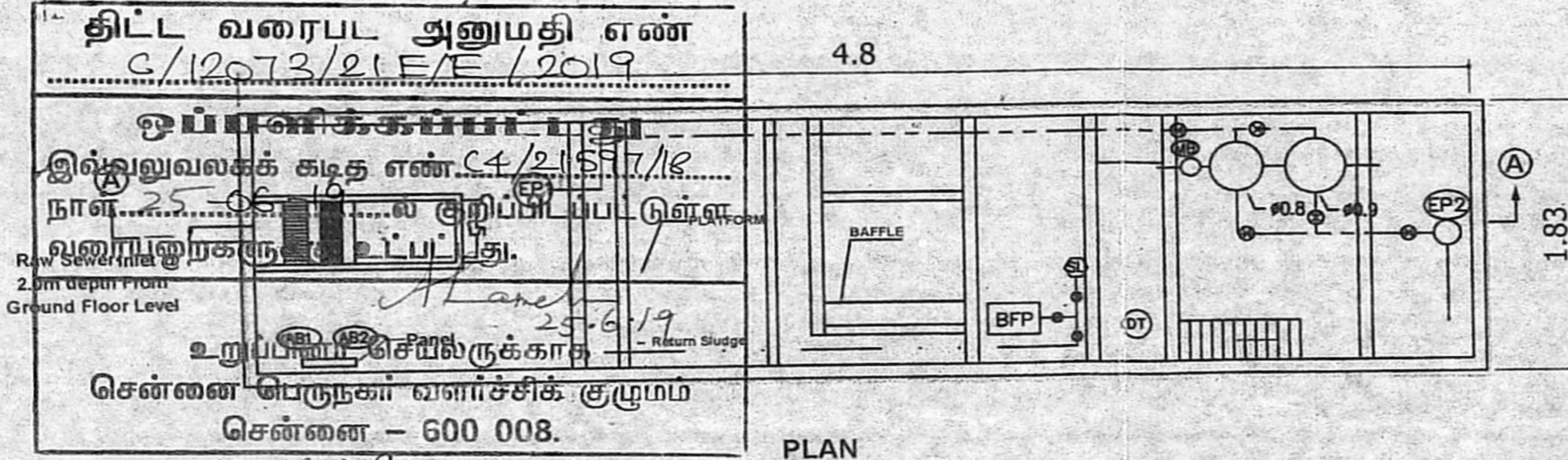
SEWAGE TREATMENT PLANT OF 0.14 MLD CAPACITY

SHEET NO - 5/5

PLAN SHOWING THE EXISTING SCHOOL BUILDING AND PROPOSED ADDITIONAL CONSTRUCTION OF PRIMARY SCHOOL BUILDING RAGHUNATHAPURAM MAIN ROAD,

அய்யலகப் படி

அய்யலகப் படி



திருத்தியலகப் படி
 நான்
 MANGADU CHENNAI-600122
 COMPRISED IN A.S.No. 188/4A, 4B, 4C & 93/2 AT
 19/6/19
 MANGADU VILLAGE TOWN PANCHAYAT,
 SRIPERUMBUDUR TALUK,
 KANCHEEPURAM DISTRICT.

EXISTING BUILDING ALREADY APPROVED NUMBER
 PLANNING PERMIT No.C/8429/10A & B/2014

செ.பெ.வ. வி.எண்...
 ந. எண்...
 உதவியா...
 கூர்ந...
 தி. உ...
 Schedule of Joines:
 MD 1.03X2.13 Panelled Door
 D33 1.03X2.13 Panelled Door
 D2 0.90X2.13 Panelled Door
 D28 0.76 X 2.13 Panelled Door
 W4 1.22 X 1.22 Window
 V2 0.61 X 0.60 Ventilator

வி.எண்...
 தி. உ...
 21.6.19
 தி.தி.அ

ALL DIMENSIONS ARE IN METRES
 SCALE 1:100
 LEGEND:
 EXISTING SHOWN IN
 PROPOSED SHOWN IN
 BOUNDARY SHOWN IN
 ROAD SHOWN IN

NORTH POINT
 NORTH

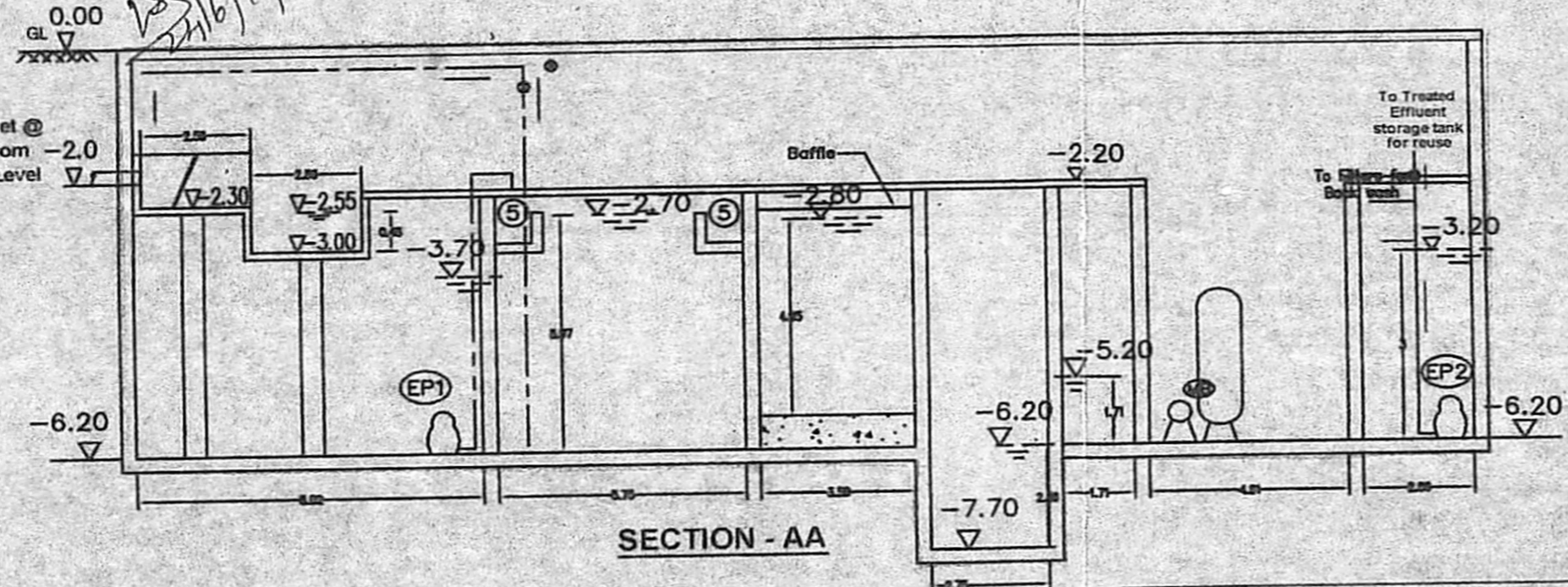
Sr. Sandhya
 PRINCIPAL
 ST. ANN'S MATRICULATION SCHOOL
 Raghunathapuram,
 Mangadu, Chennai-600 122.

OWNER'S SIGNATURE

செ. எழில் மாரன்

C.EZHIL MARAN
 ARANN ARCHITECTS
 REGISTERED ARCHITECT
 C.O.A. NO.CA/2003/30721
 LICENSED SURVEYOR No. RA/487
 NO.7 KAMARAJAR STREET,
 KANAGASABAI COLONY,
 KOYAMBEDU, CHENNAI - 600 107.

LICENSED SURVEYOR SIGNATURE

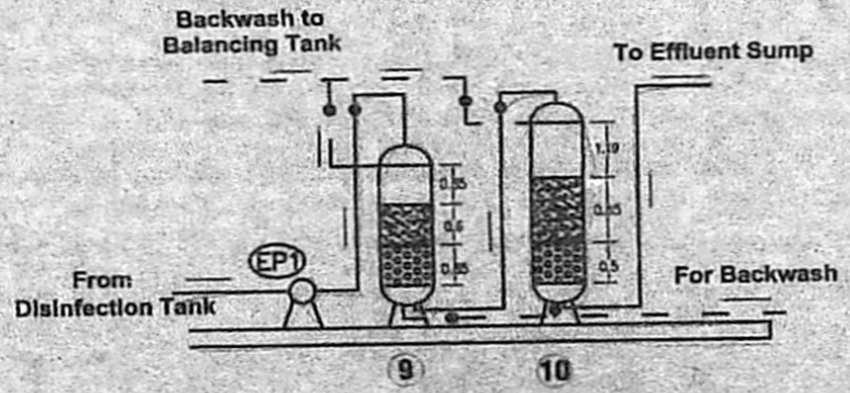


INFLUENT AND EFFLUENT CHARACTERISTICS:

PARAMETER	INFLUENT	EFFLUENT
pH	6.5-8.0	6.5-8.0
S.S	450 mg/l	< 30 mg/l
BOD ₅	350 mg/l	< 20 mg/l

SEWAGE TREATMENT PLANT OF 0.14 MLD CAPACITY

	FIXTURE EQUIVALENT
NO OF CLASS ROOMS	--- 22
NO OF STUDENTS	--- 22 X 40 = 880
NO OF STAFFS	--- 40
TOTAL NO OF PERSONS	--- 920
THE EFFICIENT USAGE BY PERSON / DAY	--- 40 LITERS
TOTAL CAPACITY OF TANK	--- 40 X 920 = 36800 LIT
DEPTH OF THE SEPTIC TANK	--- 2 M
SEPTIC TANK AREA	--- 36.80 / 2 = 18.40 SQ.M
HENCE AREA OF FINAL EFFLUENT SUMP	--- 18.40/3 = 6.13 SQ.M
SIZE OF UPFLOW FILTER -1	--- 2.00X2.08X2 M
SIZE OF UPFLOW FILTER -2	--- 2.00X2.08X2 M
SIZE OF FINAL EFFLUENT SUMP	--- 3.00X2.08X2 M



DETAILS OF PRESSURE SAND FILTER AND ACTIVATED CARBON FILTER

ENVIRO CHEM ENGINEERS & CONSULTANTS INDIA PVT. LTD
 No.16, Bharathi Flats, F1-1, 2nd Floor,
 Bharathiyar Street, Cholambedu Main Road,
 Thirumullaivoyal, Ch-62. Ph. 044-26371925.