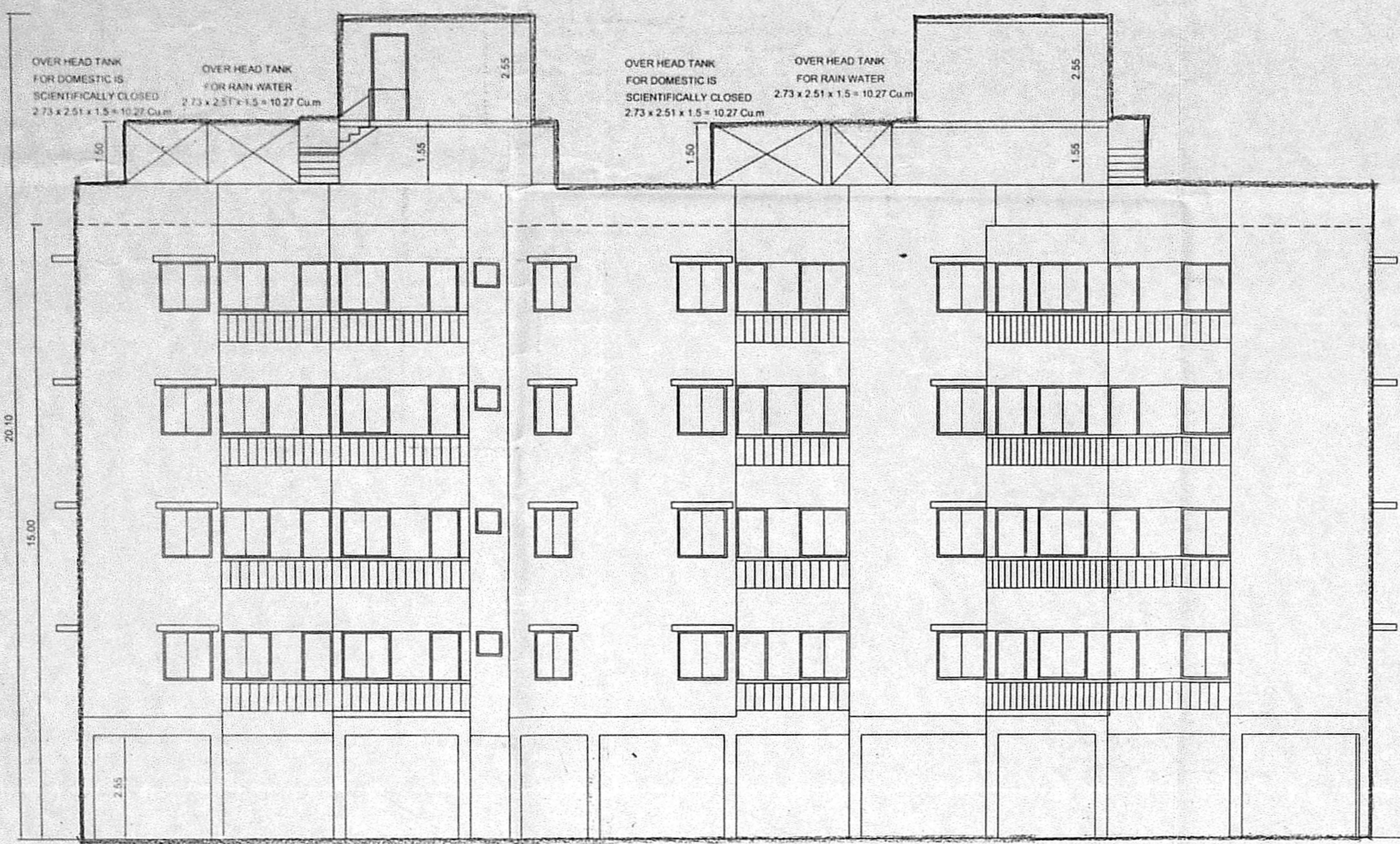


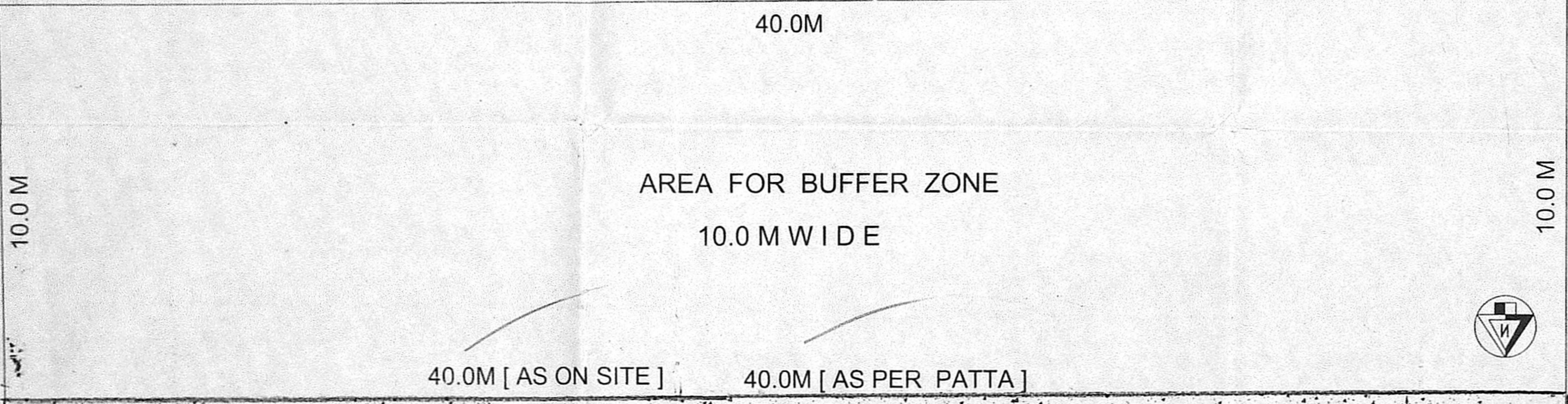
SEPTIC TANK CALCULATION:

NO OF DWELLINGS:	48 NOS	UPFLOW FILTER:	
NO OF USERS:	48 x 5 = 240 persons	DISCHARGE FOR 70 PERSONS	240 X 70 = 16,800 LTRS
RATE OF WATER SUPPLY	150 / LPM / DAY	VOLUME: 240 X 0.25 = 60 CUM	DEPTH: 1.1 - 0.3 = 0.8M
FLOW OF SEWAGE / DAY	240 X 150 = 36,000 LTRS	PLAN AREA REQUIRED	60 / 0.8 = 75.0 Sq.m
DETENTION PERIOD	18 HOURS	SIZE OF THE FINAL SUMP	14 X 3.0 X 1.8 = 75.6 CUM
TANK CAPACITY	36000 X 18 / 24 = 27000 LTRS	UPFLOW FILTER-1 =	7 X 3 X 1.8
CLEANED EVERY YEAR SO		UPFLOW FILTER-2 =	7 X 3 X 1.8
STORAGE CAPACITY AT THE RATIO OF 18.0 LTRS FOR			
A PERSON PER YEAR			
27000 + 540 = 27540 LTRS			
WITH PROVISION FOR FUTURE EXPANSION LET			
THE TANK CAPACITY BE 27540 LTRS			
PROVIDE SEPTIC TANK SIZE			
L X B X D = 5.2 X 3.0 X 1.8 = 28.08 CUM			

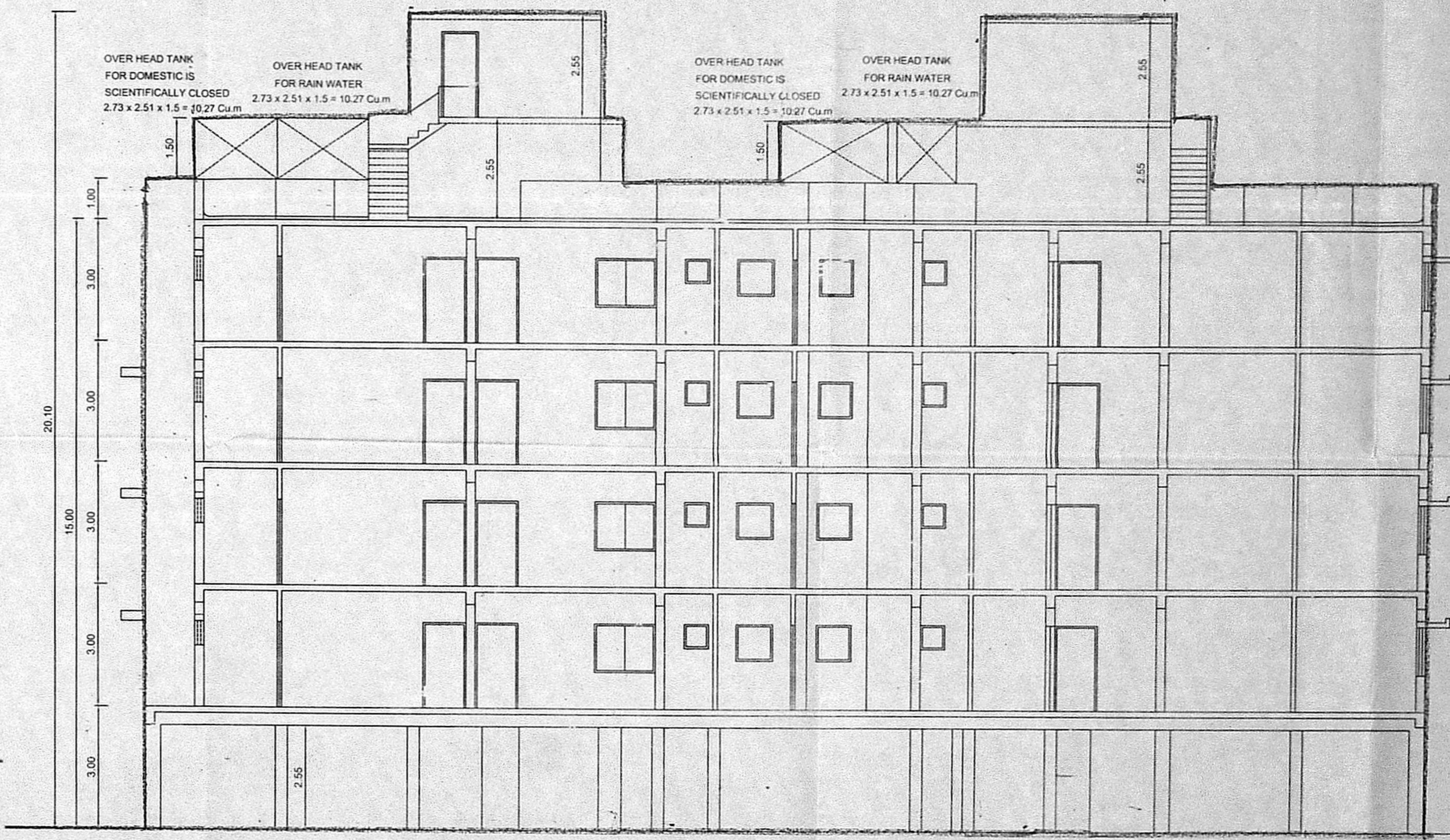
செ.பெ.வ.கு. (பி) எண்
 ந. எண் 33/2016/2018
 உதவியாளர்
 கார்ந்தாய்வு
 தி. உ.
 14/12/2018
 சி.தி.அ



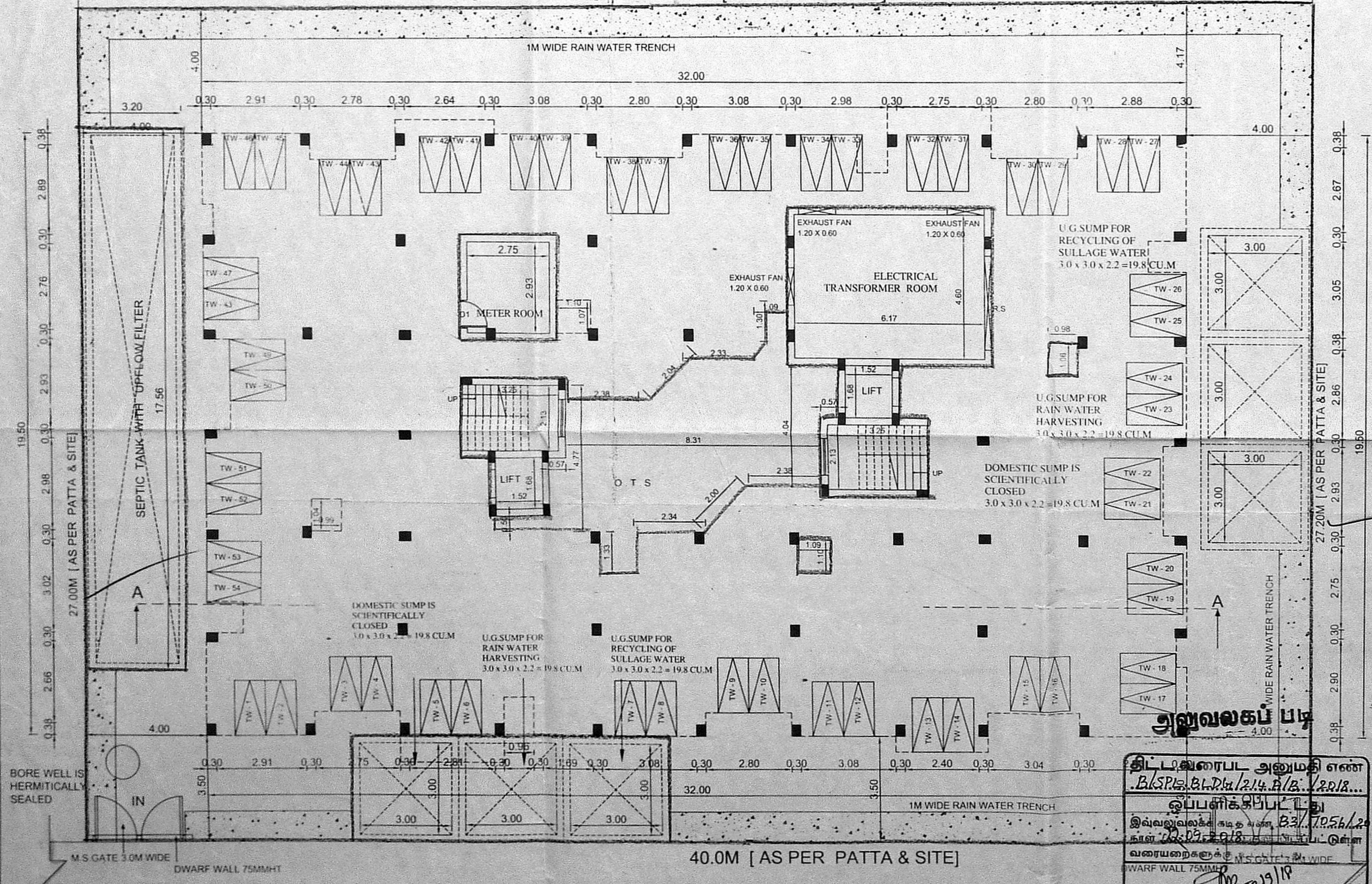
NORTH SIDE ELEVATION



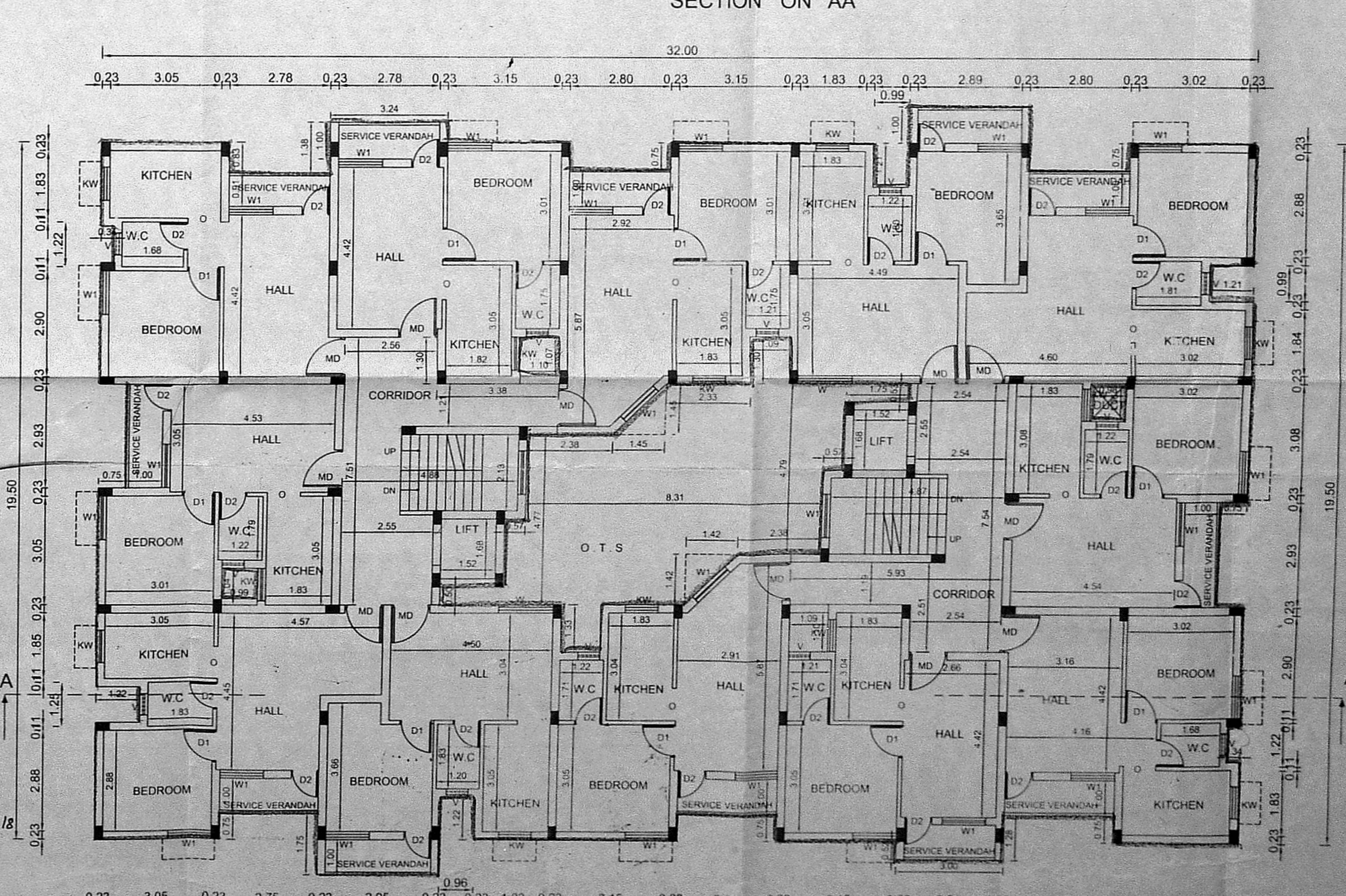
AREA FOR BUFFER ZONE
10.0M WIDE



SECTION ON 'AA'



SITE CUM STILT FLOOR PLAN



TYPICAL FLOOR PLAN [I,II,III & IV]

SHEET: 1 OF 2
 Plan showing the proposed construction of a Residential Building for Low Income Group Housing at Plot No:2 in CMDA Approved L/O No:034/2016 in T.S.No: 7/13[as per patta] in Block No:18, Ward - G of Old S.No:276[pt], 277[pt],278[pt] & 279[pt] of Thiruvottiyur Village, Thiruvallur District
 Division No: 07
 Zone - 01 in Greater Chennai Corporation

Approved Lay-out No VIDE
 P.P.D No: 34/2016
 L.O DATED: 09/12/2016

Colour Index:

PROPOSED AS	
ROAD AS	
BOUNDRY LINE AS	

Schedule of Joinery

MD	MAIN DOOR	1.05 X 2.10
D1	DOOR	0.90 X 2.10
D2	DOOR	0.75 X 2.10
FD	FRENCH DOOR	2.10 X 2.10
W1	WINDOW	1.20 X 1.35
KW	KITCHEN WINDOW	1.20 X 0.90
V	VENTILATOR	0.60 X 0.60
RS	ROLLING SHUTTER	3.00 X 2.75

Area Statement

LAND EXTENT	
AS PER PATTA	1096.0
SUPER IMPOSED AREA	1084.0
LEAST EXTENT	1084.0

Floor name	FSI area	5% OF BALC
First Floor	525.97	24.34
Second Floor	525.97	24.34
Third Floor	525.97	24.34
Fourth Floor	525.97	24.34
Total Floor	2103.88	97.36

F S I = 2103.88 = 1.941
 1084.00

TWO WHEELER REQUIRED - 53 NOS
 TWO WHEELER PROVIDED - 54 NOS

SPECIFICATION
 R.C.C 1:2:4 in column foundation
 sand filling in foundation and basement
 P.C.C 1:4:8 in foundation and basement
 Brick work in C.M:1:6 for basement,super-structure and parapet wall
 R.C.C:1:2:4 in roof slab,lintel & Sunshade
 Weathering course in Brick jelly lime concrete mortar with 2Courses of pressed tiles laid to slope
 Mosaic Flooring
 Plastering in C.M:1:5 for walls and ceiling
 Doors in Teak wood and country wood
 Windows in aluminium and glazed frames

All dimensions are in meter

for HANSA ESTATES PRIVATE LIMITED
 Authorised Signatory
 Owner Signature
 M. PRADEEP
 Registered Architect,
 Reg. No. CA-215172
 New 682, Kanaka Nagar 2nd
 Street, Hongambakkam,
 Chennai-34. Ph: 2717077
 Architect / Licensed Surveyor

தி. ப. முரைபு அனுமதி எண்
 B3/2016/2018...
 உதவியாளர்
 கார்ந்தாய்வு
 தி. உ.
 14/12/2018
 சி.தி.அ

18/01/18
 19/1/18

5/6

