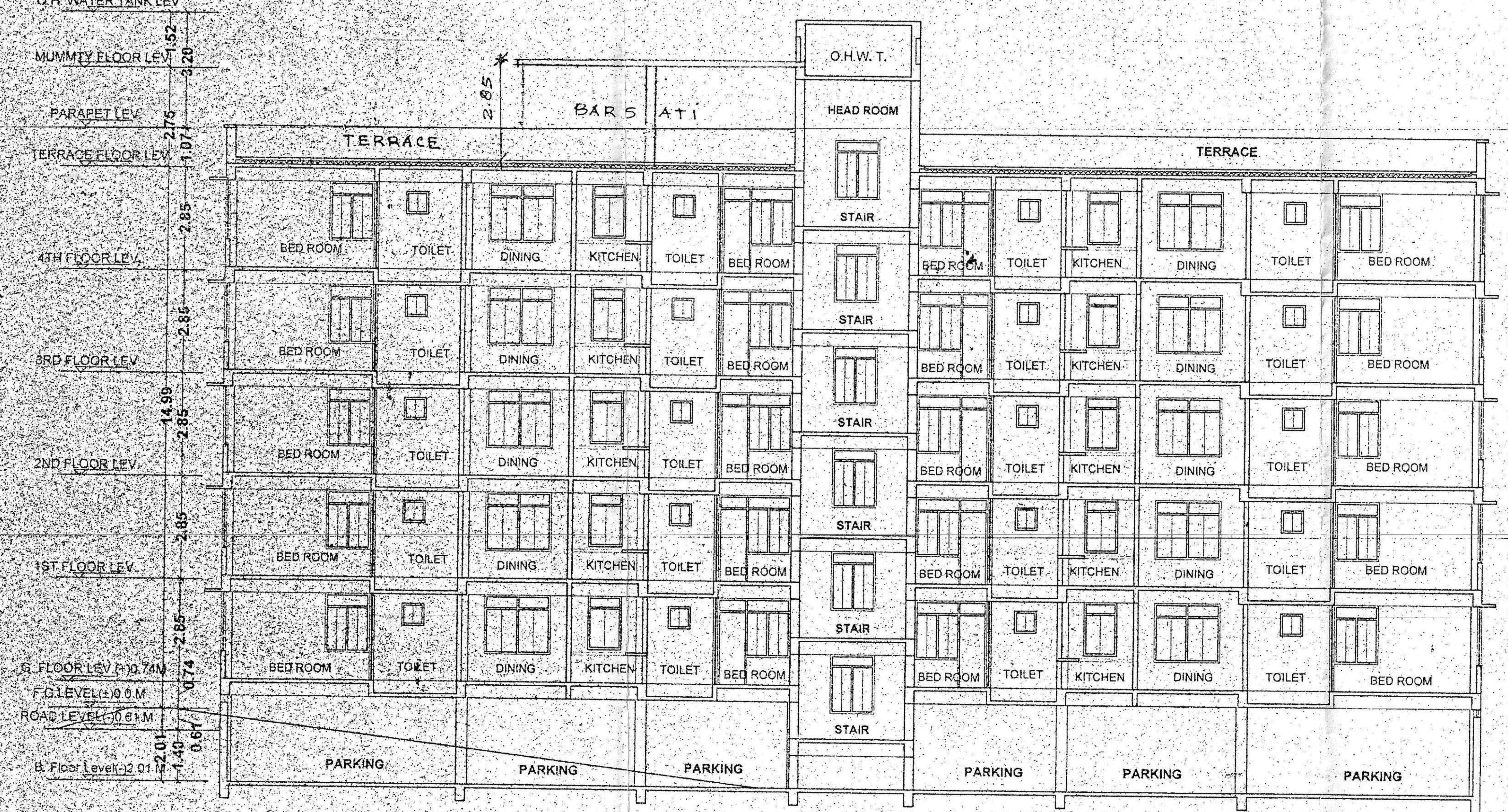
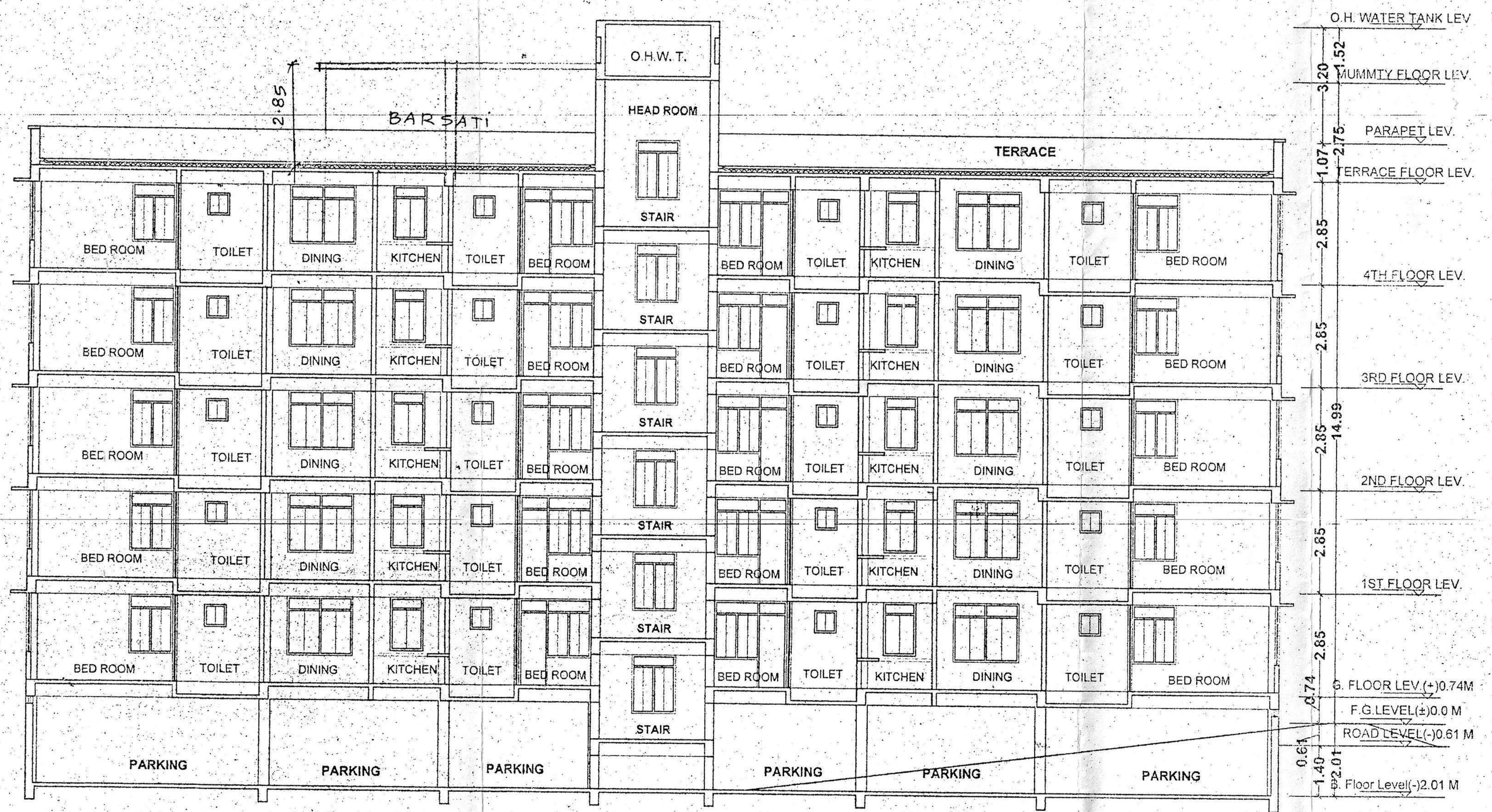
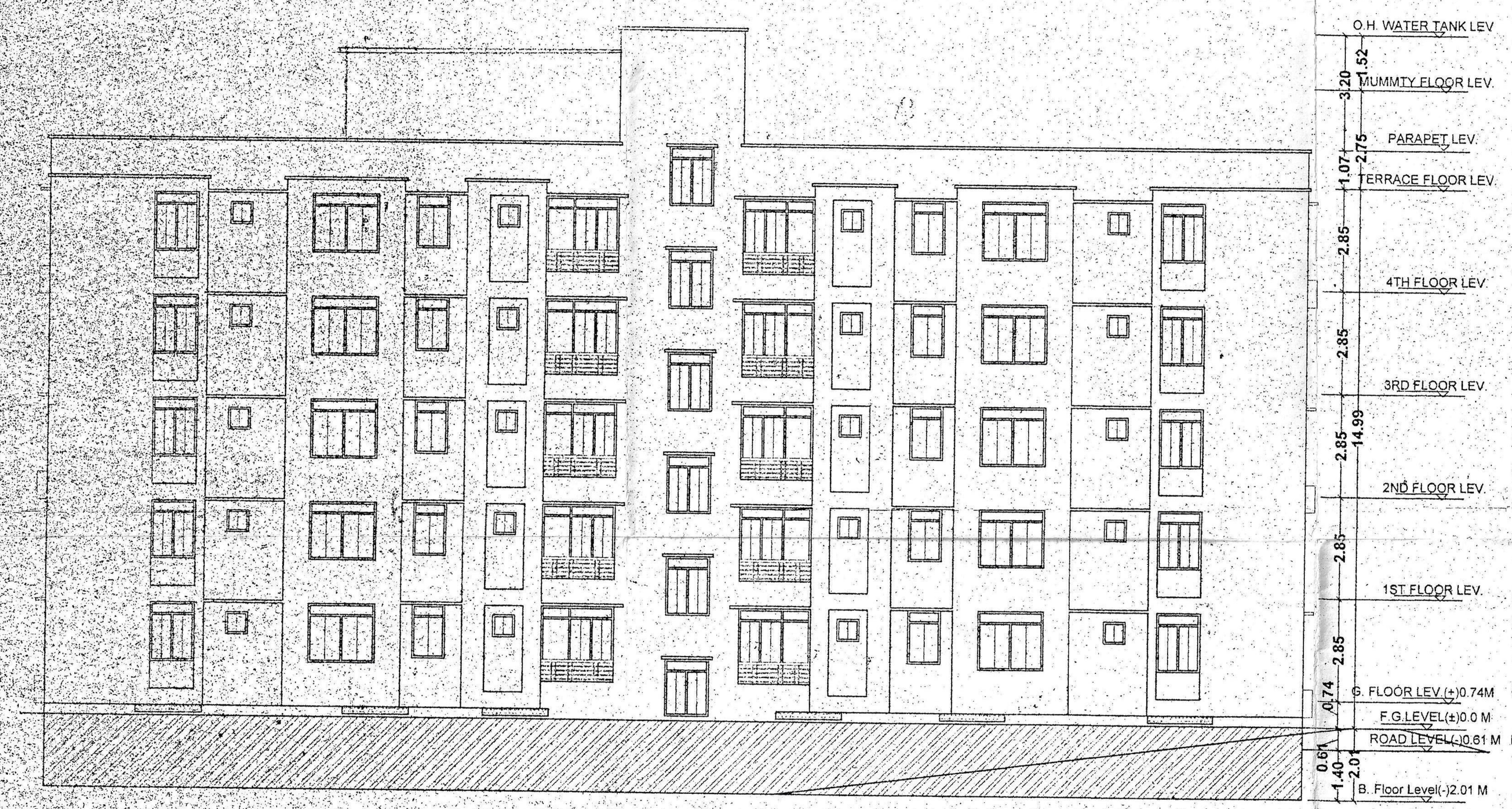


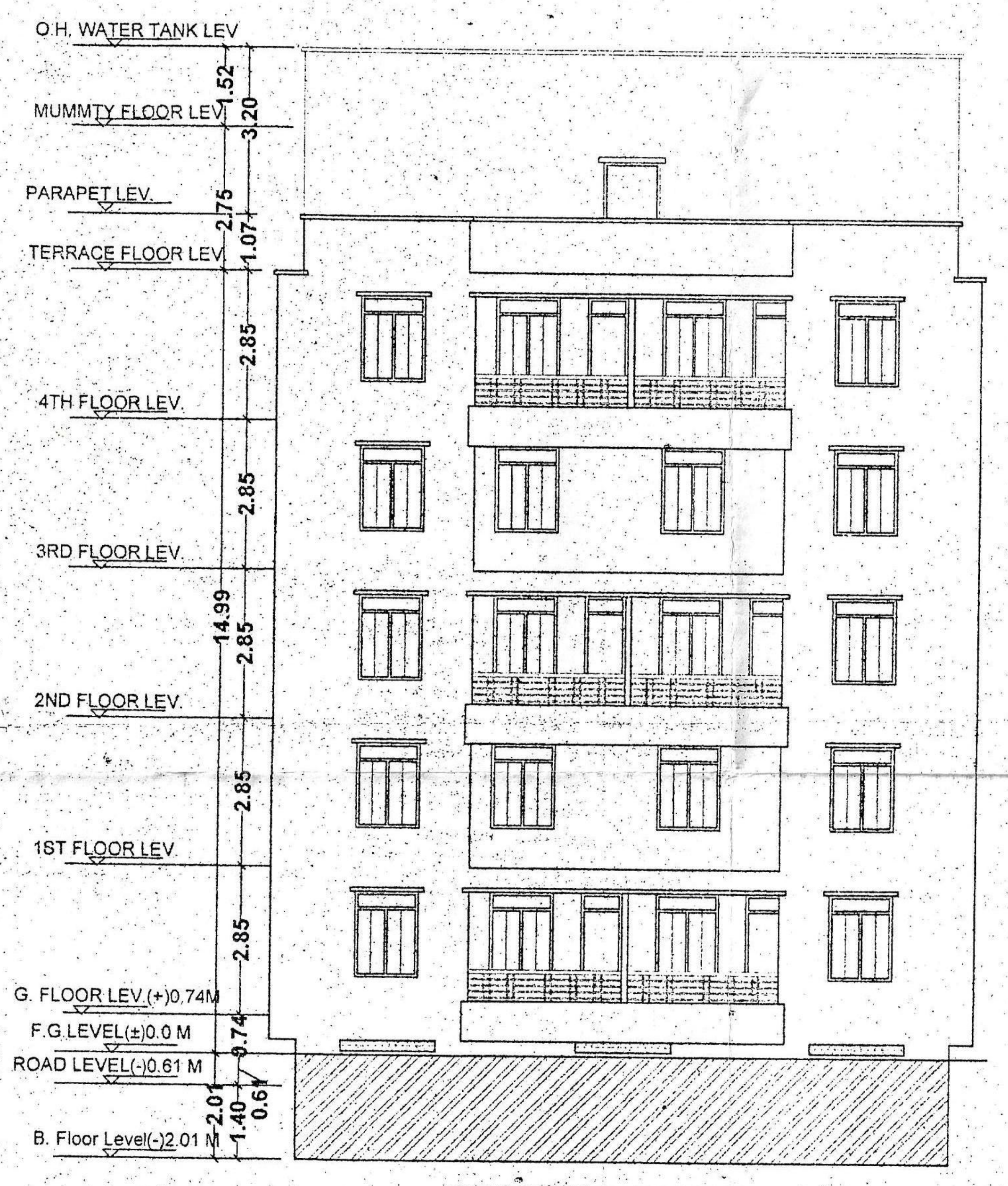
SECTION Y-Y (BLOCK:-B)
SCALE 1:100



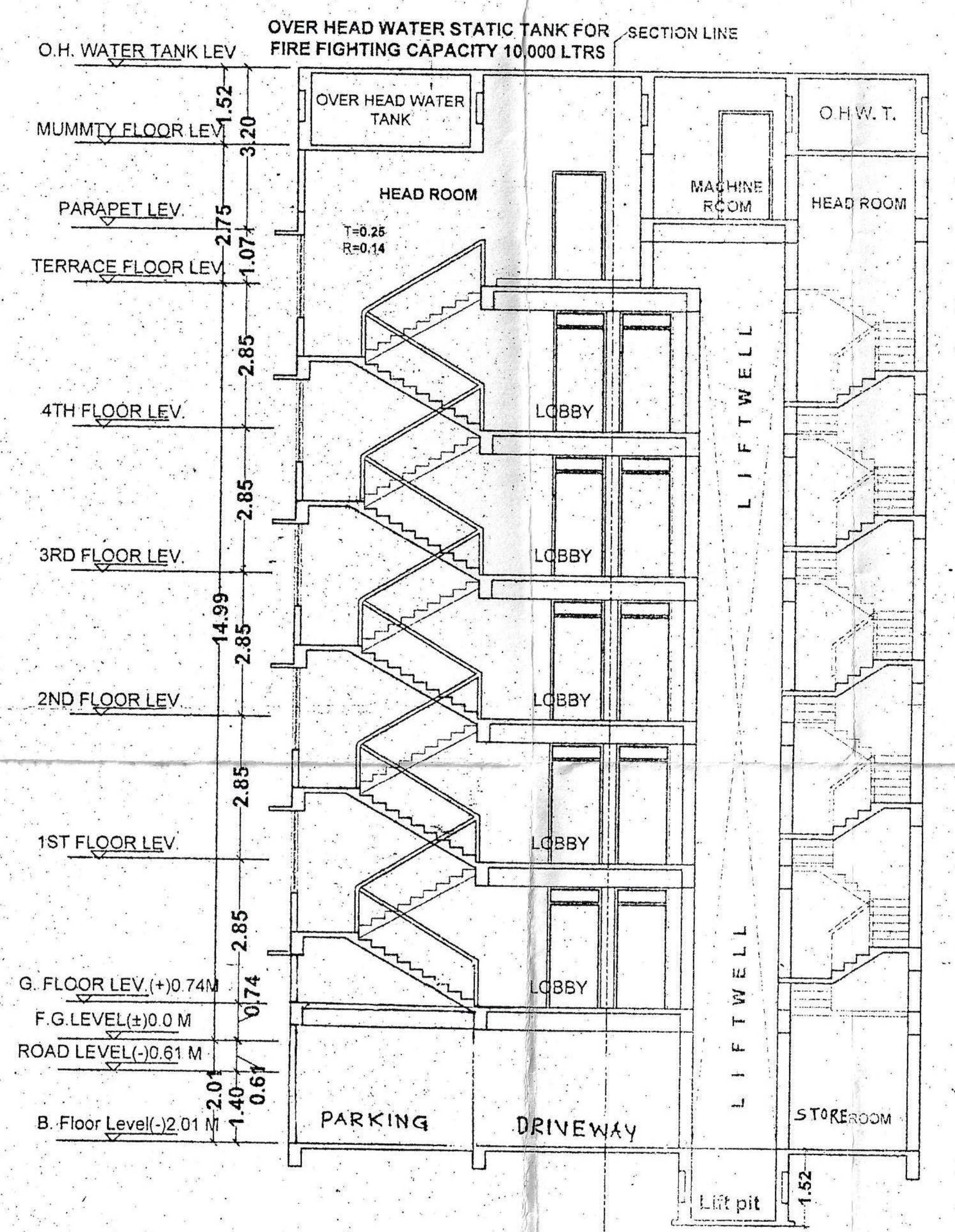
SECTION Y-Y (BLOCK:-A)
SCALE 1:100



LEFT SIDE ELEVATION (BLOCK-A & B)
SCALE 1:100



FRONT ELEVATION (BLOCK-A & B)
SCALE 1:100



SECTION X-X (BLOCK:-B)
SCALE 1:100

SPECIFICATION:-

01) FOUNDATION :- R.C.C. PILE FOUNDATION AS/STRUCTURAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE AS/STRUCTURAL DESIGN.
03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS BRICKWORK IN C.M. 1:6 &1:5 AS/DESIGN.
04) FLOORING :- MOSAIC CAST-IN-SITU FLOORING IN GREY CEMENT IN ALL AREA.
05) WALL FINISH :-
    (i) INTERNAL - ALL INTERNAL SURFACE SHALL BE PAINTED WITH CEMENT PRIMER OVER FLOAT FINISH OF P.O.P. SURFACE.
    (ii) EXTERNAL - ALL EXTERNAL SURFACE SHALL BE PAINTED WITH TEXTURE PAINT OVER A SURFACE OF EXTERIOR GRADE PRIMER.
06) DOOR :-
    (I) FRAME - 65X100 TH. SAL WOOD DOOR FRAME.
    (ii) SHUTTER-35MM TH. SOLID CORE FLUSH DOOR OF I.S.I. MARK AS/DESIGN
07) WINDOW:-
    (i) FRAME - 65X100 TH. SAL WOOD/ALUMINIUM WINDOW FRAME.
    (ii) SHUTTER- FULLY GLAZED HARD WOOD/ ALUMINIUM WINDOW SHUTTER AS/DESIGN.
08) TOILETS :-
    (i) FLOORING - CERAMIC TILES FLOORING .
    (ii) WALLS - CERAMIC TILES DADO UPTO 1500HT.
    (iii) SANITARYWARE - WHITE GLAZED VITEROUS SANITARYWARE OF I.S.I MARK.
    (iv) FITTING - CHROMIUM PLATED C.P.FITTINGS OF I.S.I MARK.
09) ELECTRICAL :-
    (i) ALL INTERNAL WIRING IN CONCEALED CONDUITS WITH COPPER CONDUCTOR.
    (ii) ALL ELECTRICAL MODULAR SWITCHES OF I.S.I MARK.
    (iii) ADEQUATE LIGHTING/POWER POINT SOCKETS AS/ DESIGN & DRAWING.
10) WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING & OVERHEAD TANK.

BUILDING NAME :-

LAND OWNER ADDRESS:-

PROPOSED RESIDENTIAL BUILDING FOR
(01) SMT. PRAMILA DEVI
W/O SRI SHASHI KUMAR ROY
AT -SADHA HUMBER , P.O.- MOTIPUR
THANA - MOTIPUR , DIST.- MUZAFFARPUR. &
(02) LAL BABU PRIYADARSHI,
S/O LATE THAKUR PRASAD YADAV.
AT- RAMAYAN MARKET, BAKARGANJ,
DALDALI ROAD,PATNA-4.

PLOT DETAIL:-

PROPOSED RESIDENTIAL BUILDING FOR
(01) SRI LAL BABU PRIYADARSHI
S/O LATE THAKUR PRASAD YADAV &
(02) SMT. PRAMILA DEVI
W/O SRI SHASHI KUMAR RAY
AT MAUZA- KUMHARAR ,
SURVEY PLOT NO. - 413(P),
THANA NO.- 12 ,KHATA NO.- 103,
TAUZI NO.- 26, P.S-AGAMKUAN, DIST.- PATNA.

SHEET NO.	SCALE.	NORTH
P M C-04/04	1 : 100 1: 200	

परमिलादेवी

AKumar

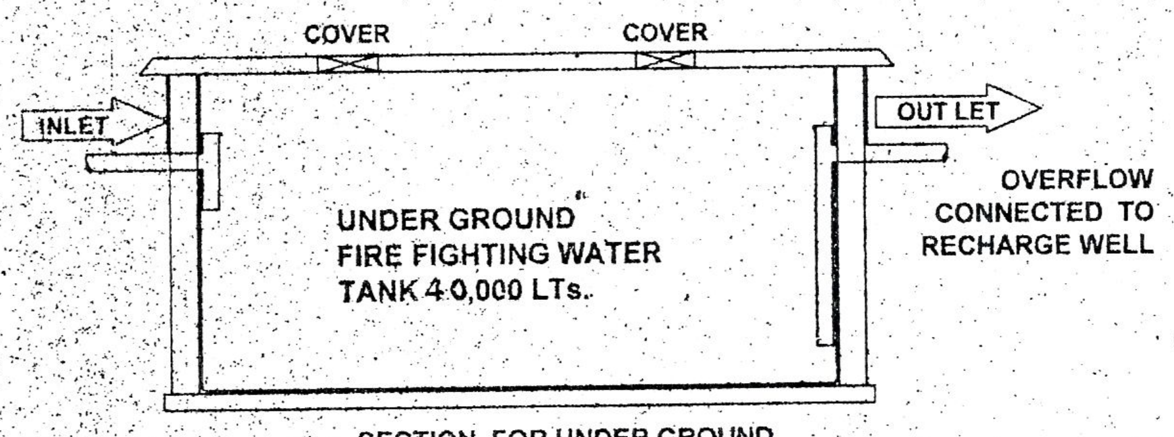
SIGNATURE OF LAND OWNER/BUILDER

SIGNATURE OF ARCHITECT /ENGINEER.

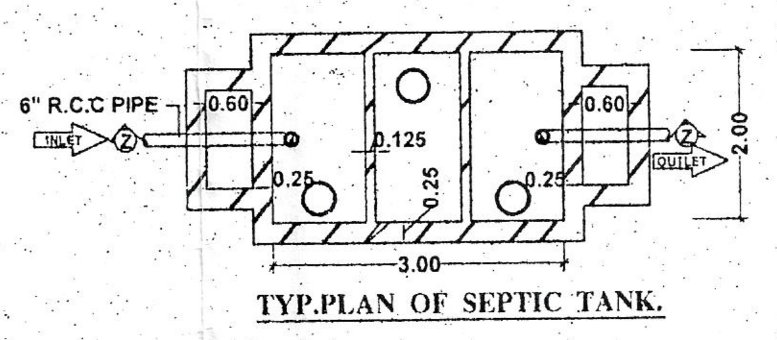
भूस्वामी भवन निर्माता निर्मित स्थल पर सूचिरूपवद्ध वास्तुकार द्वारा स्वीकृत भवन का नक्शा सुलभ अवलोकन हेतु अवश्य रखेंगे। भूस्वामी / भवन निर्माता स्वीकृत नक्शा से किसी भी प्रकार का विचलन कर निर्माण नहीं करेंगे।

A.R RAKESH RANJAN RAJE (Certified Architect)
CA - Reg. No.- 86/9665 Empanelment No.- 29/2009-10
Case No.- CA/86/9665/29/2009-10/PMC-29/23-09-2011
Sanction of Plan Accorded Under Section - 314
of The Bihar Municipal Act, 2007.

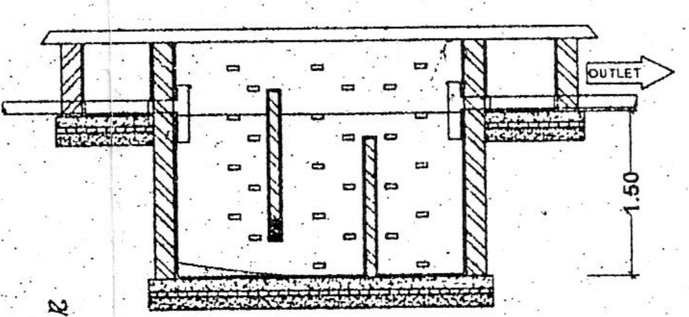
APPROVED
Raje 23-09-2011
Sig. of Certified Architect


COVER
COVER
INLET
OUT LET
UNDER GROUND FIRE FIGHTING WATER TANK 40,000 LTs.
OVERFLOW CONNECTED TO RECHARGE WELL

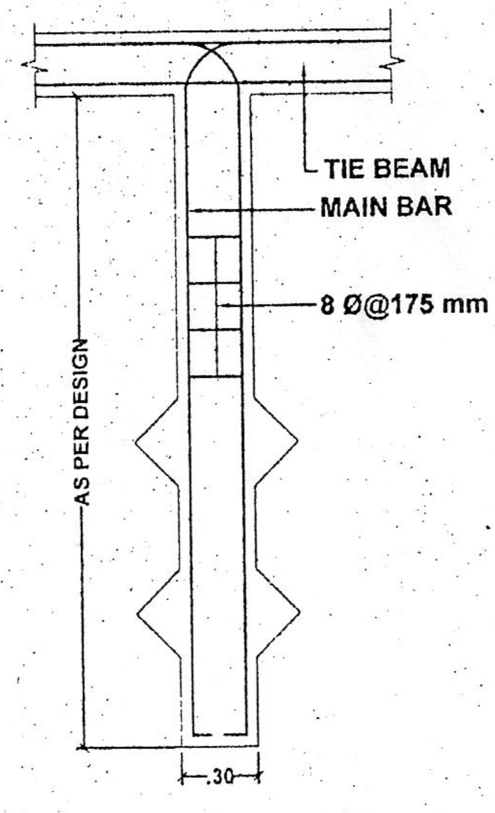
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



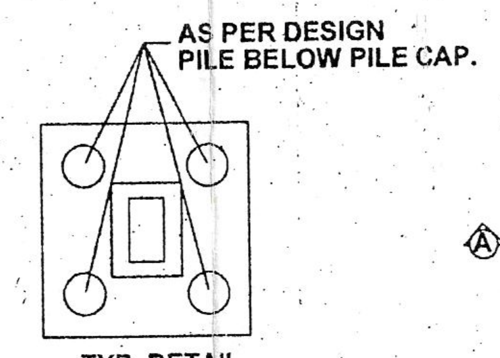
TYP.PLAN OF SEPTIC TANK.



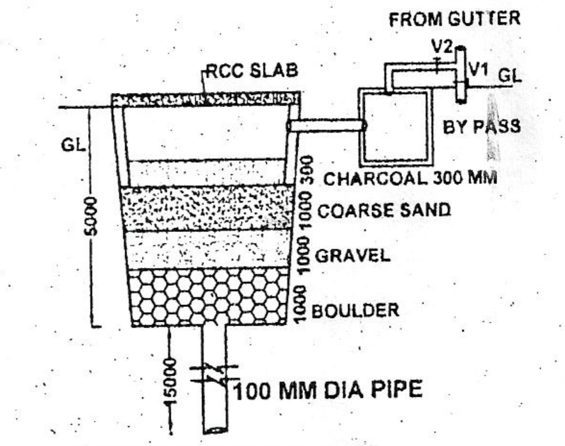
TYP. SECTION ON Z-Z



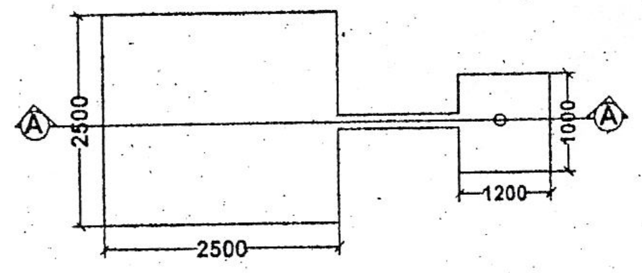
TYP. DET. OF PILE FOUNDATION



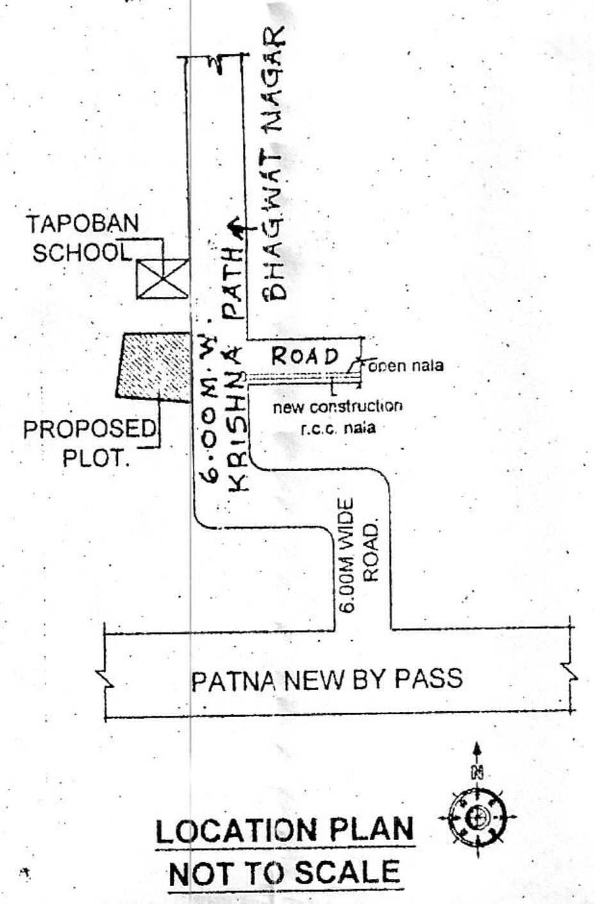
TYP. DETAIL. OF FOUNDATION.



RECHARGE BORE WELL SECTION A-A



TYP.PLAN OF RECHARGE BORE WELL



LOCATION PLAN NOT TO SCALE

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.39	0.0	2.39	SINGLE LEAF DOOR
D1	0.99	2.39	0.0	2.39	SINGLE LEAF DOOR
D2	0.91	2.39	0.0	2.39	SINGLE LEAF DOOR
D3	0.76	2.39	0.0	2.39	SINGLE LEAF DOOR
W	1.83	1.63	0.76	2.39	GLAZED WINDOW
W1	1.22	1.63	0.76	2.39	GLAZED WINDOW
W2	0.91	1.48	0.91	2.39	GLAZED WINDOW
W3	0.61	0.61	1.52	2.13	GLAZED WINDOW
DW	0.76X1.24	0.0X1.63	0.0X0.76	2.39	SINGLE LEAF DOOR & GLAZED WINDOW

WATER TANK CALCULATION:-

WATER TANK CAL. FOR (BLOCK-A&B)

TOTAL NO. OF FLAT (BLOCK-A) =20 NOS
TOTAL NO. OF FLAT (BLOCK-B) =20 NOS
TOTAL NO. OF FLAT(BLOCK-A & B) =40 NOS
EACH FLAT 5 PERSON
TOTAL NOS OF PERSON =40X5 =200
EACH PERSON NEED 135 LTRS.
PER DAY=200X135 =27,000 LTRS.
& FOR FIRE FIGHTING =10,000 + 10,000 =20,000 LTRS.
TOTAL REQ. WATER TANK
=27,000+20,000= 47,000 LTRS (REQ.)
PROVIDED WATER TANK SIZE-
(1). (3.15X2.95X1.52)X2 =14,120X2 = 28,240 LTRS.
(2). (2.38X2.95X1.52)X2 =10,670X2 = 21,340 LTRS.

TOTAL WATER TANK SIZE = 49,580 LTRS.

SEPTIC TANK CALCULATION:-

SEPTIC TANK CAL. FOR (BLOCK-A&B)

TOTAL NO. OF FLAT (BLOCK-A) =20 NOS
TOTAL NO. OF FLAT (BLOCK-B) =20 NOS

TOTAL NO: OF FLAT (BLOCK-A & B) = 40 NOS.
EACH FLAT 5 PERSON
TOTAL NO. OF PERSON =40 X 5 = 200
1 PERSON 0.085 CUM CAPICITY OF SEPTIC TANK
TOTAL PERSONS NEED - 200X 0.085 =17.00 CUM(REQ.)

PROVIDED SEPTIC TANK 2 NOS
(1)SIZE=3.00X2.00X1.50=9.00 CUM
(2)SIZE=3.00X2.00X1.50=9.00 CUM
TOTAL CAPACITY OF SEPTIC TANK =18.00 CUM

AREA CALCULATION :-

TOTAL PLOT AREA AS/DEED = 1821.42 SQM.
TOTAL PLOT AREA AS/ SITE = 1662.29 SQM.

	BLOCK :-A	BLOCK:-B
BASEMENT FLOOR B/U AREA	=17.28 SQ.M.	=17.28 SQM.
GROUND FLOOR B/U AREA	= 416.85 SQM.	= 414.10SQM.
1ST FLOOR B/U AREA	= 410.33 SQM.	= 407.08 SQM.
2ND FLOOR B/U AREA	= 410.33 SQM.	= 407.08 SQM.
3RD FLOOR B/U AREA	= 410.33 SQM.	= 407.08 SQM.
4TH FLOOR B/U AREA	= 410.33 SQM.	= 407.08 SQM.
TOTAL ALL FLOOR B/U AREA	=2075.45 SQM.	= 2059.70SQM.

TOTAL B/U AREA BLOCK(A&B) = 4135.15SQM.

F.A.R =4135.65/1662.29 = 2.49
GROUND COVERAGE %= 49.99%

PARKING CALCULATION :-

PARKING CAL. FOR (BLOCK-A&B)

TOTAL NO OF FLAT (BLOCK-A) = 20
TOTAL NO OF FLAT (BLOCK-B) = 20
TOTAL NO OF FLAT (BLOCK-A&B) = 40

1 FLAT NEED 1 CAR PARKING (REQ.)
TOTAL NOS OF PARKING = 40 CAR PARKING
1 CAR PARKING NEED 20SQM.
PARKING SPACE = 40X 20 =800.00 SQM. (REQ.)
PROVIDED PARKING AREA
BASEMENT FLOOR PARKING AREA (BLOCK-A) = 422.04SQM.
BASEMENT FLOOR PARKING AREA (BLOCK-B) = 418.79 SQM.
TOTAL PARKING AREA (BLOCK-A&B) = 840.83 SQM.

BUILDING NAME :-

LAND OWNER ADDRESS:-

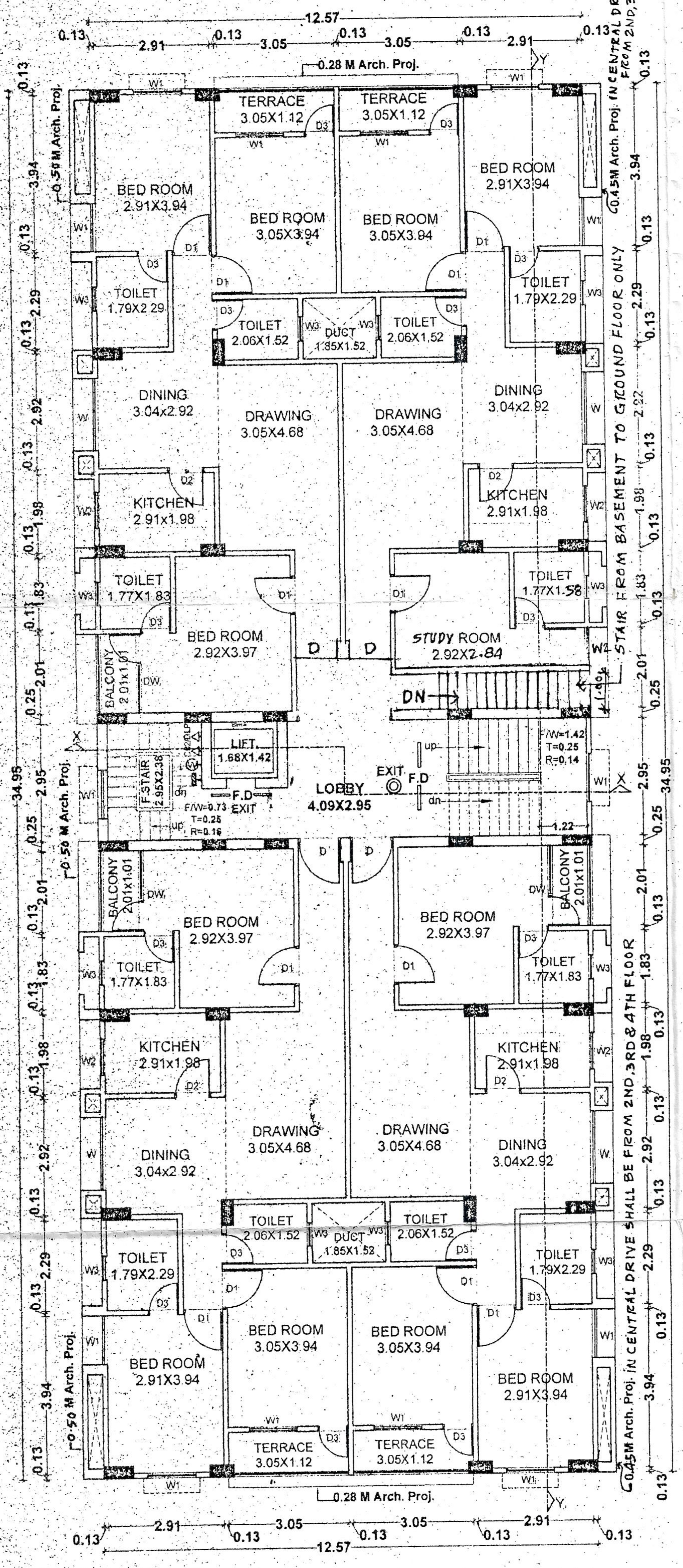
PROPOSED RESIDENTIAL BUILDING FOR
(01) SMT. PRAMILA DEVI
W/O SRI SHASHI KUMAR ROY
AT -SADHA HUMBER , P.O.- MOTIPUR
THANA - MOTIPUR , DIST.- MUZAFFARPUR. &
(02) LAL BABU PRIYADARSHI,
S/O LATE THAKUR PRASAD YADAV.
AT- RAMAYAN MARKET, BAKARGANJ,
DALDALI ROAD,PATNA-4.

PLOT DETAIL:-

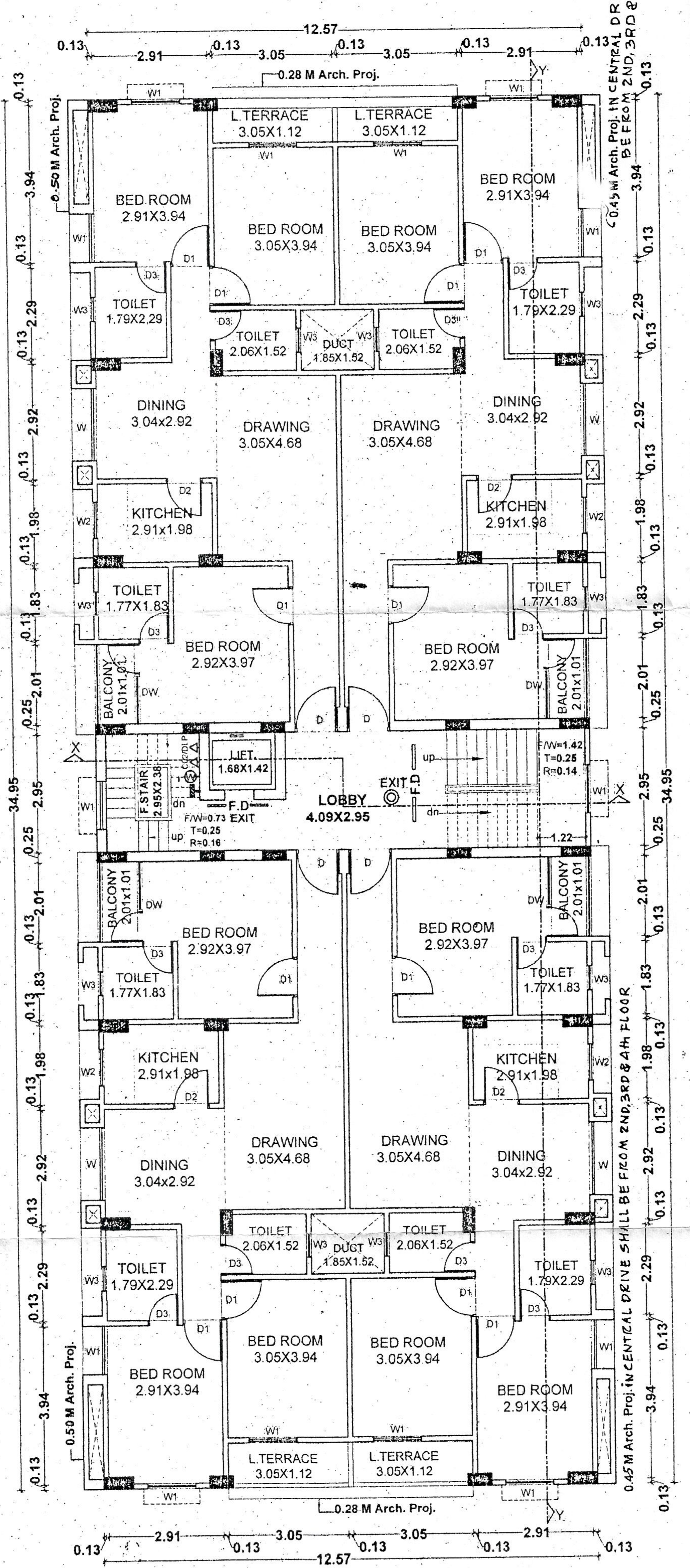
PROPOSED RESIDENTIAL BUILDING FOR
(01) SRI LAL BABU PRIYADARSHI,
S/O LATE THAKUR PRASAD YADAV &
(02) SMT. PRAMILA DEVI,
W/O SRI SHASHI KUMAR RAY
AT MAUZA- KUMHARAR ,
SURVEY PLOT NO. - 413(P),
THANA NO.- 12 ,KHATA NO.- 103,
TAUZI NO.- 26,P.S-AGAMKUAN, DIST.- PATNA.

BOUNDARY:-

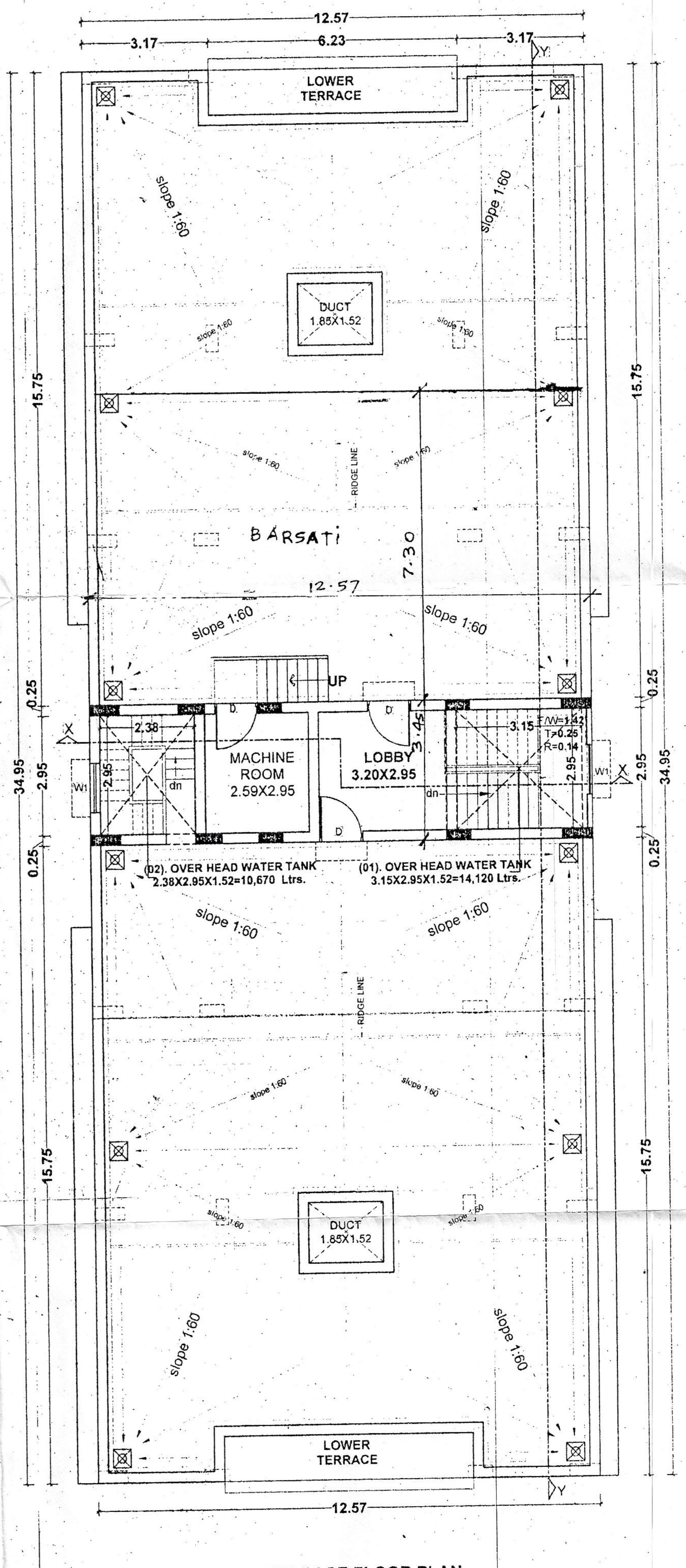
NORTH :- PLOT No - 426(P) & 427(P)
SOUTH :- PLOT NO - 413
EAST :- KACHCHI ROAD
WEST :- PLOT NO. 414



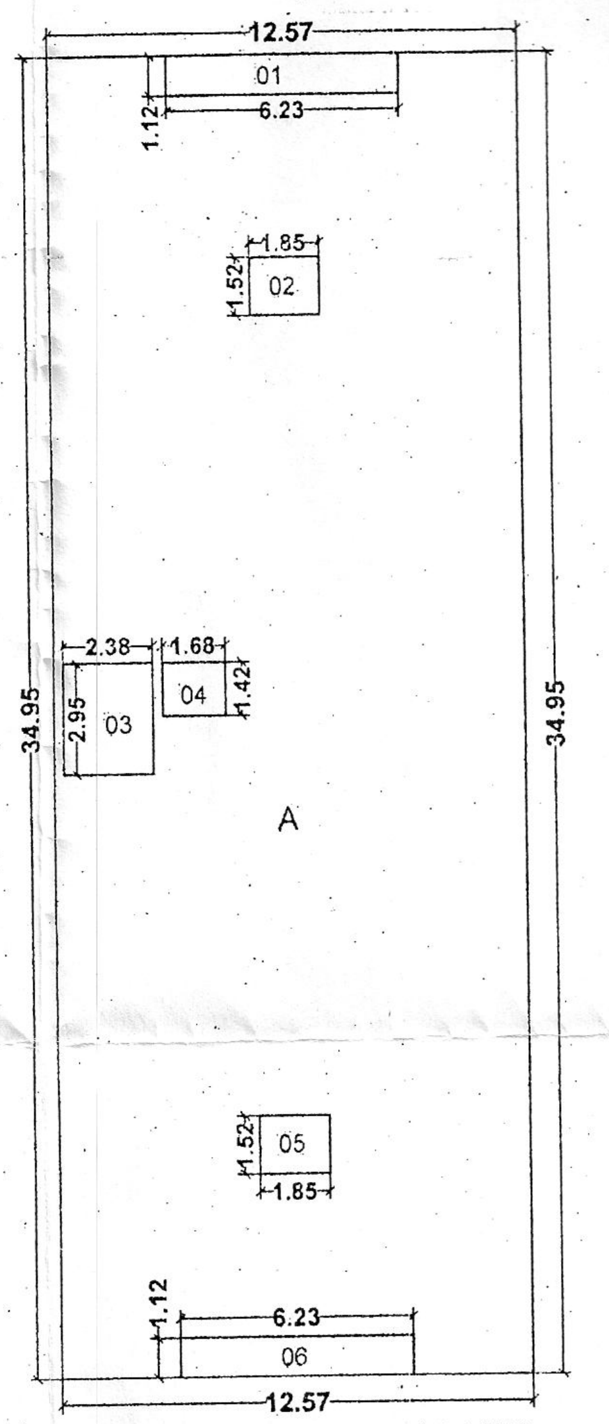
TYP. GROUND,2ND & 4TH FLOOR PLAN (BLOCK-A) SCALE 1:100



TYP. 1ST & 3RD FLOOR PLAN (BLOCK-A) SCALE 1:100



TERRACE FLOOR PLAN (BLOCK-A) SCALE 1:100



TYPICAL (1st to 4th) FLOOR AREA CALCULATION (BLOCK-A)SCALE -1:200

TYPICAL FLOOR (1ST TO 4TH)
AREA CALCULATION (BLOCK:-A)

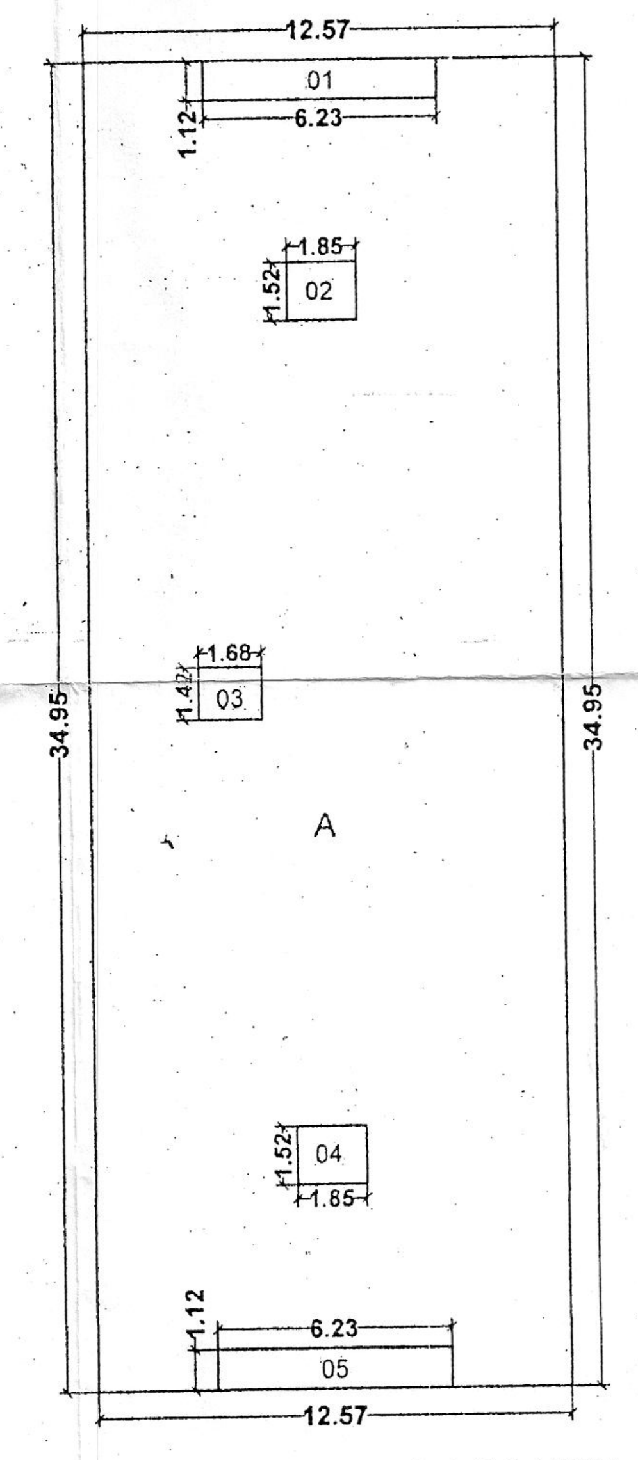
[A] 12.57X34.95=439.32 m².
TOTAL AREA =439.32 m².

DEDUCT FOR DUCT,LIFT
& FIRE STAIR:-

[01] 6.23X1.12=6.98m²
[02] 1.85X1.52=2.81m²
[03] 2.38X2.95=7.02m²
[04] 1.68X1.42=2.39m²
[05] 1.85X1.52=2.81m²
[06] 6.23X1.12=6.98m²

TOTAL AREA =28.99m²

NET TYPICAL FLOOR B/U AREA
439.32-28.99 = 410.33 m².



GROUND FLOOR AREA CALCULATION (BLOCK-A) SCALE -1:200

GROUND FLOOR AREA
CALCULATIO (BLOCK-A):-

[A] 12.57X34.95=439.32 m².
TOTAL AREA =439.32 m².

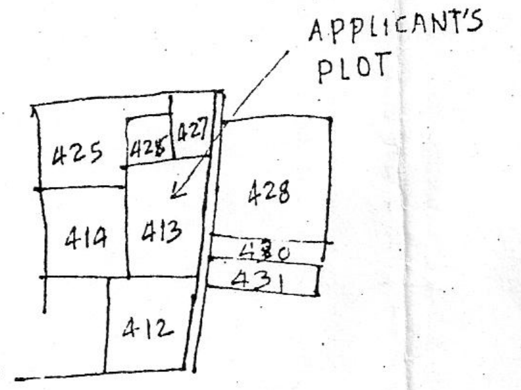
DEDUCT FOR DUCT & LIFT:-

[01] 6.23X1.20 = 7.48 m²
[02] 1.85X1.52 = 2.81m²
[03] 1.68X1.42 = 2.39m²
[04] 1.85X1.52 = 2.81m²
[05] 6.23X1.12 = 6.98m²

TOTAL AREA =22.47 m²

NET GROUND FLOOR B/U AREA
439.32 - 22.47= 416.85 m²

BARSATI AREA CALCULATION BLOCK-A
ONE FLOOR B/U AREA = 410.33 SQM.
410.33 OF 33% BARSATI AREA = 135.41 m2
TOTAL PROVIDED BARSATI AREA
= 12.57 X 10.75 = 135.13 SQM.



KEY PLAN SCALE =1"=330'0"

SHEET NO.	SCALE.	NORTH
P M C-02/04	1 : 100 1: 200	

परमिलादेवी

Priyadarshi

Akumar

SIGNATURE OF LAND OWNER/BUILDER

SIGNATURE OF ARCHITECT./ENGINEER.

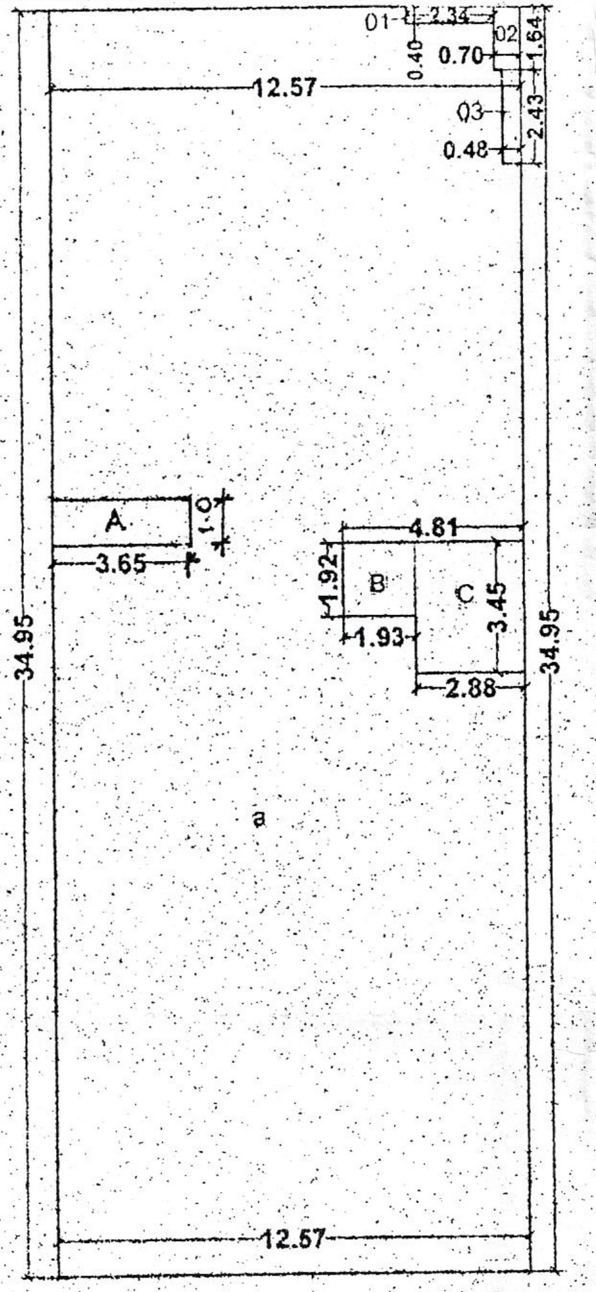
भूस्वामी भवन निर्माता निर्मित स्थल पर
सूचिरूपवद्ध वास्तुकार द्वारा स्वीकृत भवन का
नक्शा सुलभ अवलोकन हेतु अवश्य रखेंगे।
भूस्वामी / भवन निर्माता स्वीकृत नक्शा से किसी
भी प्रकार का विचलन कर निर्माण नहीं करेंगे।

A R RAKESH RANJAN RAJE (Certified Architect)
CA - Reg. No.- 86/9665 Empanelment No.- 29/2009-10
Case No.- CA/86/9665/29/2009-10/PMC-29/23-09-2011
Sanction of Plan Accorded Under Section - 314
of The Bihar Municipal Act, 2007.

APPROVED

Raje 23-09-2011

Sig. of Certified Architect



BASEMENTFLOOR B/U AREA & PARKINGAREA CALCULATION
(BLOCK-B) SCALE =1:200

BASEMENT FLOOR B/U AREA & PARKING AREA CALCULATION (BLOCK-B):-

[a] 12.57X34.95=439.32 M².

TOTAL AREA =439.32 M².

DEDUCT FOR CUT-OUT;-

[01] 2.34X0.40 =0.93 m²
[02] 0.70X1.64 =1.15 m²
[03] 0.48X2.43 =1.17 m²

TOTAL AREA =3.25 m².

BASEMENT FLOOR TOTAL AREA =439.32-3.25 =436.07m².

BASEMENT FLOOR B/U AREA CALCULATION:-

[A] 3.65X1·00 = 3·65 m2
[B] 1.93X1.92=3.70 m².
[C] 2.88X3.45=9.93 m².

BASEMENT FLOOR B/U AREA =17·28 m².

NET BASEMENT PARKING AREA = 436.07-17·28 = 418.79 m².

BLOCK-B

BARSATI AREA CALCULATION

ONE FLOOR B/U AREA = 407.08 M2
407.08 OF 33% BARSATI AREA
= 134.33 SQM.
TOTAL PROVIDED AREA
= 12.57 x 10.65 = 133.87 SQm.

GROUND FLOOR AREA CALCULATIO (BLOCK-B):-

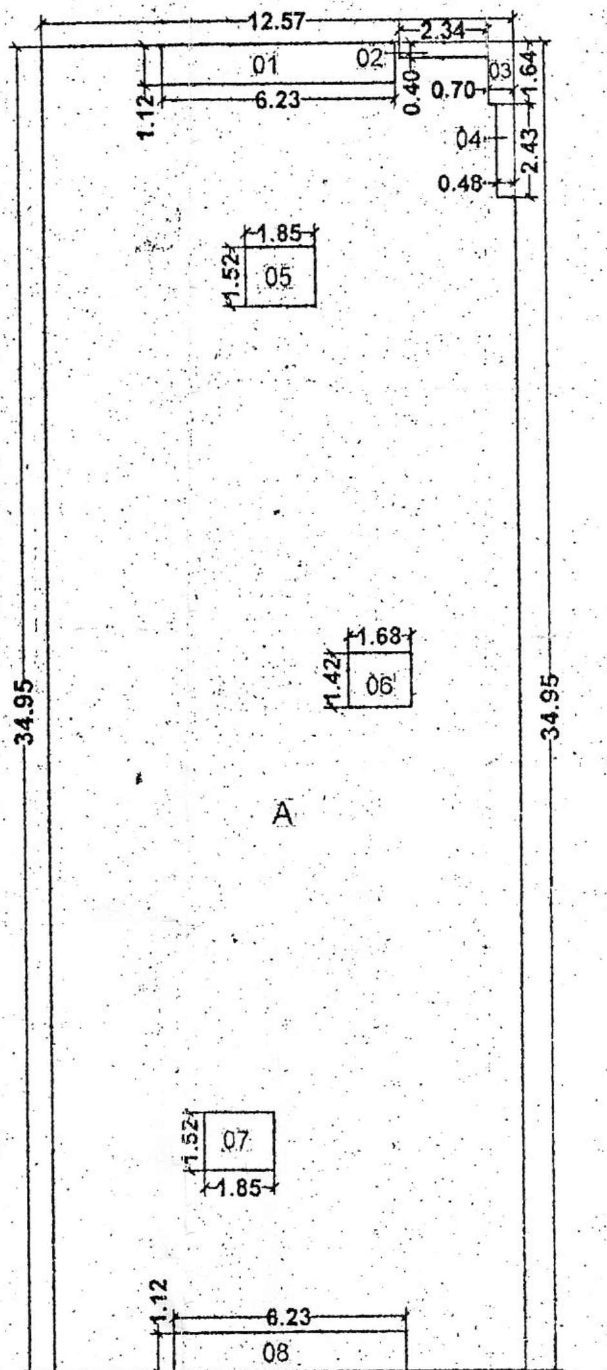
[A] 12.57X34.95=439.32 m².
TOTAL AREA =439.32 m².

DEDUCT FOR DUCT & LIFT:-

[01] 6.23X1.12=6.98m²
[02] 2.34X0.40=0.93m²
[03] 0.70X1.64=1.15m²
[04] 0.48X2.43=1.17m²
[05] 1.85X1.52=2.81m²
[06] 1.68X1.42=2.39m²
[07] 1.85X1.52=2.81m²
[08] 6.23X1.12=6.98m²

TOTAL AREA =25.22m²

NET TYPICAL FLOOR B/U AREA
439.32-25.22= 414.10 m².



GROUND FLOOR AREA CALCULATION
(BLOCK-B) SCALE:-1:200

TYPICAL FLOOR (1ST TO 4TH) AREA CALCULATION (BLOCK:-B)

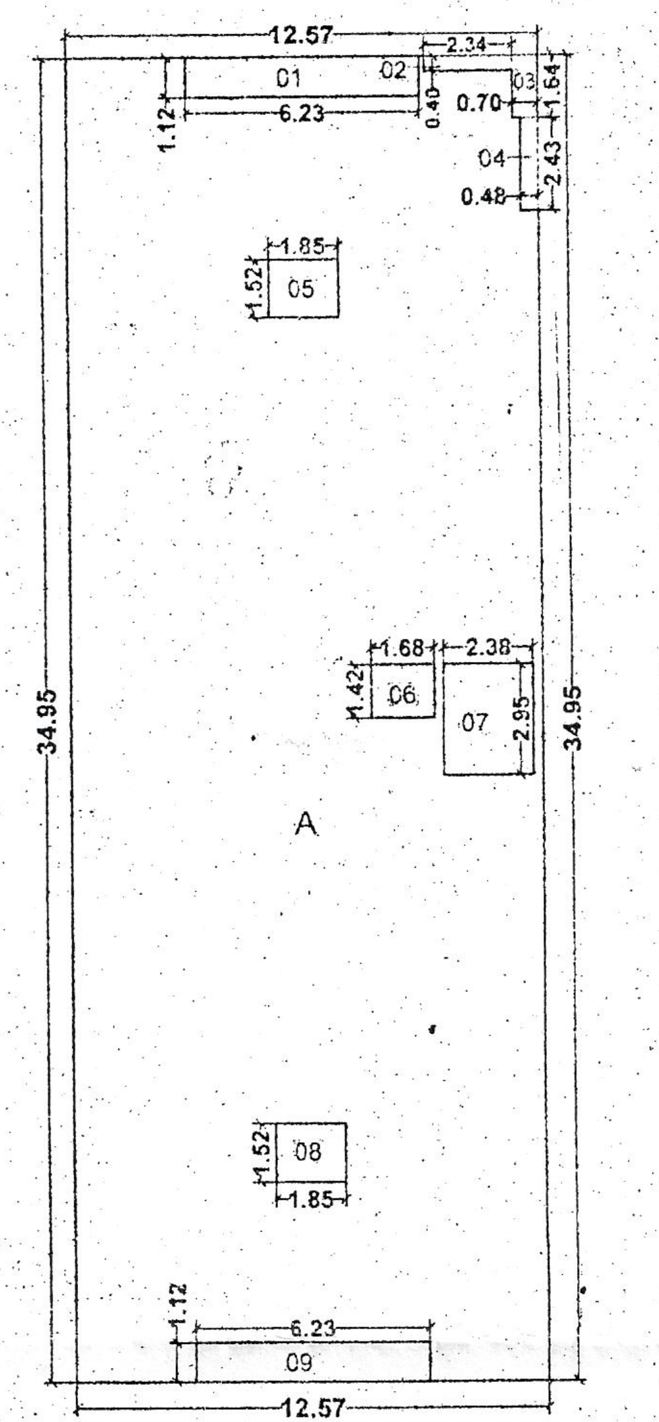
[A] 12.57X34.95=439.32 m².
TOTAL AREA =439.32 m².

DEDUCT FOR DUCT,LIFT & FIRE STAIR:-

[01] 6.23X1.12=6.98m²
[02] 2.34X0.40=0.93m²
[03] 0.70X1.64=1.15m²
[04] 0.48X2.43=1.17m²
[05] 1.85X1.52=2.81m²
[06] 1.68X1.42=2.39m²
[07] 2.38X2.95=7.02m²
[08] 1.85X1.52=2.81m²
[09] 6.23X1.12=6.98m²

TOTAL AREA =32.24m²

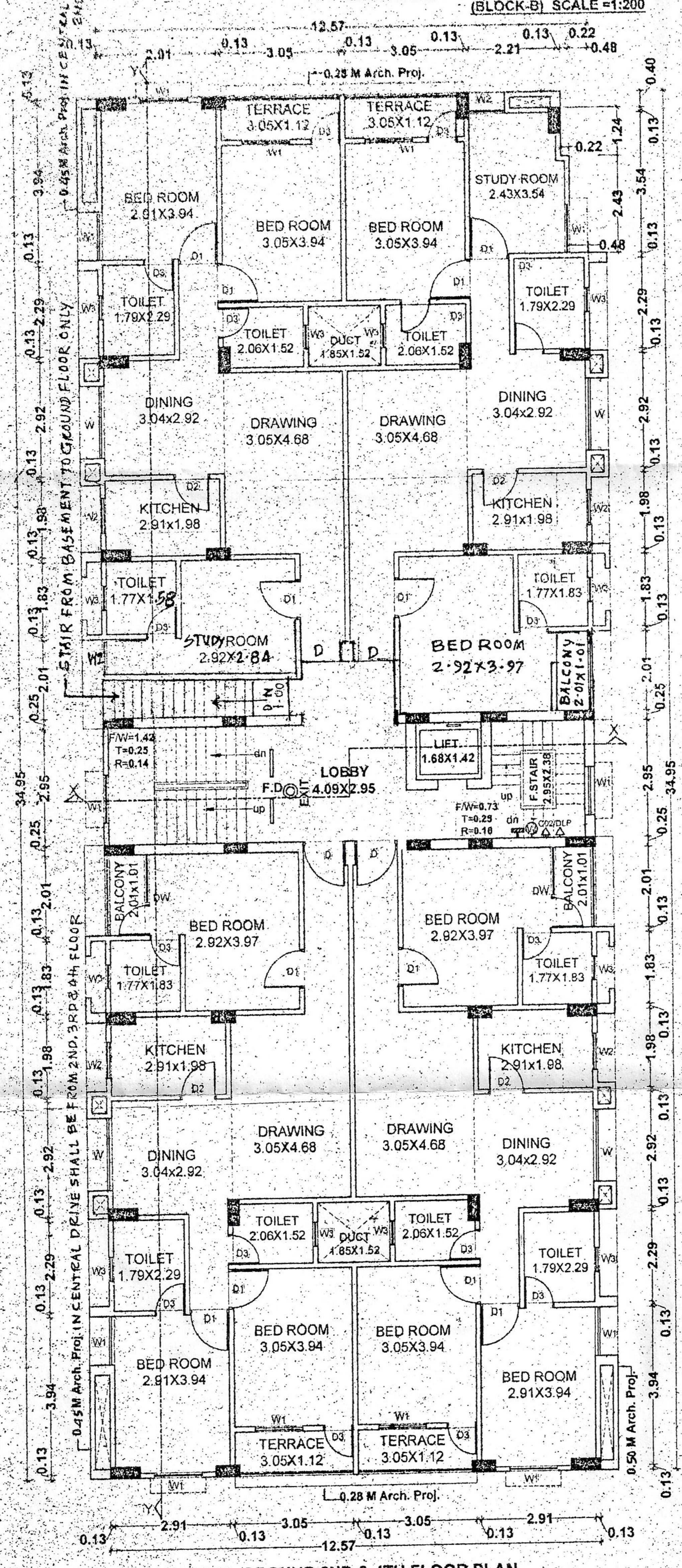
NET TYPICAL FLOOR B/U AREA
439.32-32.24 = 407.08 m².



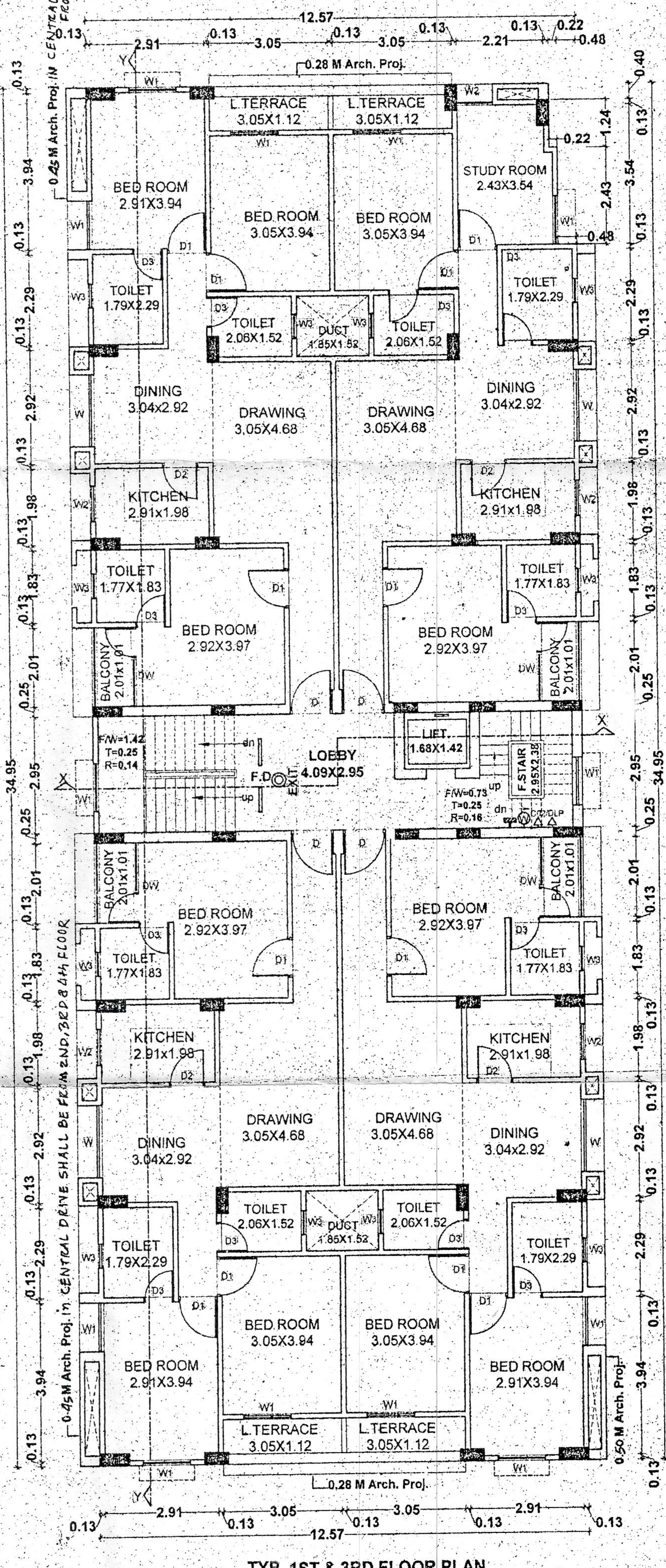
TYPICAL (1ST TO 4TH) FLOOR AREA CALCULATION
(BLOCK-B)SCALE:-1:200

SCHEDULE OF DOORS & WINDOWS

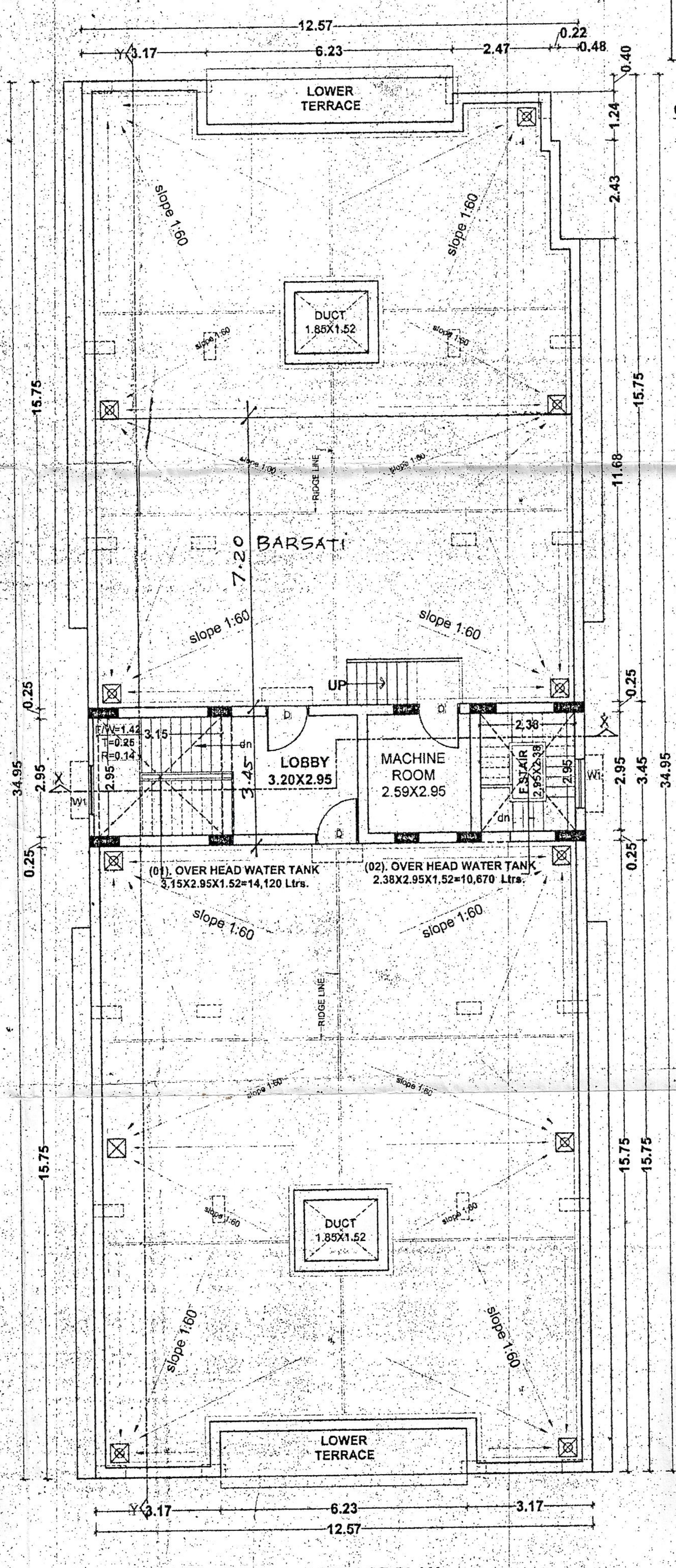
TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.39	0.0	2.39	SINGLE LEAF DOOR
D1	0.99	2.39	0.0	2.39	SINGLE LEAF DOOR
D2	0.91	2.39	0.0	2.39	SINGLE LEAF DOOR
D3	0.76	2.39	0.0	2.39	SINGLE LEAF DOOR
W	1.83	1.63	0.76	2.39	GLAZED WINDOW
W1	1.22	1.63	0.76	2.29	GLAZED WINDOW
W2	0.91	1.48	0.91	2.39	GLAZED WINDOW
W3	0.61	0.61	1.52	2.13	GLAZED WINDOW
DW	0.76X1.24	0.0X1.63	0.0X0.76	2.39	SINGLE LEAF DOOR & GLAZED WINDOW



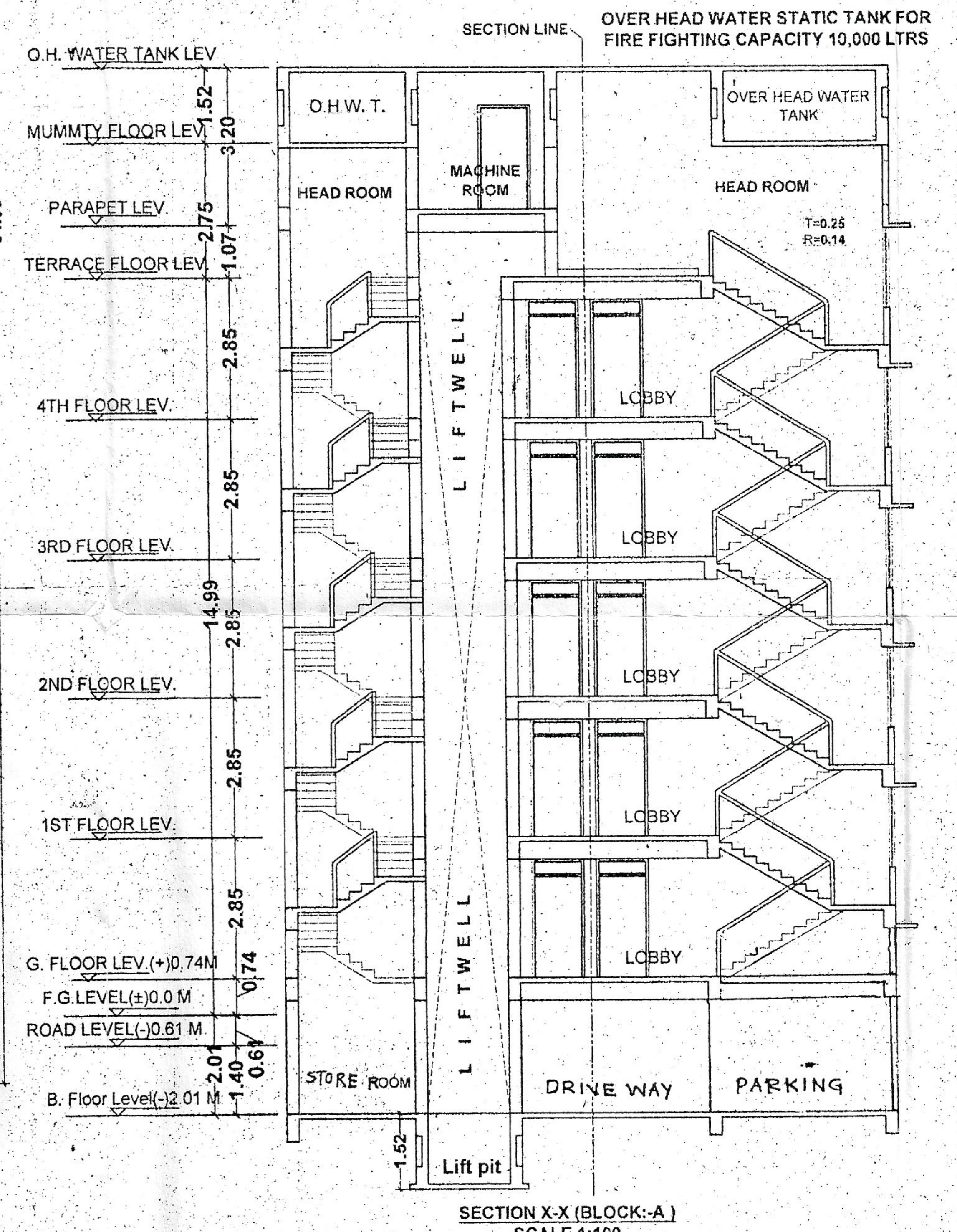
TYP. GROUND,2ND & 4TH FLOOR PLAN
(BLOCK-B) SCALE 1:100



TYP. 1ST & 3RD FLOOR PLAN
(BLOCK-B) SCALE 1:100



TERRACE FLOOR PLAN
(BLOCK-B) SCALE 1:100



SECTION X-X (BLOCK:-A)
SCALE 1:100

BUILDING NAME :-

LAND OWNER ADDRESS:-

PROPOSED RESIDENTIAL BUILDING FOR
(01) SMT. PRAMILA DEVI
W/O SRI SHASHI KUMAR ROY
AT -SADHA HUMBER , P.O.- MOTIPUR
THANA - MOTIPUR , DIST.- MUZAFFARPUR. &
(02) LAL BABU PRIYADARSHI,
S/O LATE THAKUR PRASAD YADAV.
AT- RAMAYAN MARKET, BAKARGANJ,
DALDALI ROAD,PATNA-4.

PLOT DETAIL:-

PROPOSED RESIDENTIAL BUILDING FOR
(01) SRI LAL BABU PRIYADARSHI,
S/O LATE THAKUR PRASAD YADAV &
(02) SMT. PRAMILA DEVI,
W/O SRI SHASHI KUMAR RAY
AT MAUZA- KUMHARAR ,
SURVEY PLOT NO. - 413(P),
THANA NO.- 12 ,KHATA NO.- 103,
TAUZI NO.- 26,P.S-AGAMKUAN, DIST.- PATNA.

SHEET NO.	SCALE.	NORTH
P M C-03/04	1: 100 1: 200	

प्रमिलादेवी

AKumar
Er. ASHOK KUMAR

SIGNATURE OF LAND OWNER/BUILDER

SIGNATURE OF ARCHITECT./ENGINEER.

भूस्वामी भवन निर्माता निर्मित स्थल पर
सूचिरूपवद्ध वास्तुकार द्वारा स्वीकृत भवन का
नक्शा सुलभ अवलोकन हेतु अवश्य रखेंगे।
भूस्वामी / भवन निर्माता स्वीकृत नक्शा से किसी
भी प्रकार का विचलन कर निर्माण नहीं करेंगे।

A R RAKESH RANJAN RAJE (Certified Architect)
CA - Reg. No.- 86/9665 Empanelment No.- 29/2009-10
Case No.- CA/86/9665/29/2009-10/PMC-29/23-09-2011
Sanction of Plan Accorded Under Section - 314
of The Bihar Municipal Act, 2007.

APPROVED

Raje 23-09-2011

Sig. of Certified Architect