WATER HARVESTING SUMP CALCULATION :-

TOTAL TERRACE AREA =5625.61 Sqm

RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL
REQ. CAPACITY OF SUMP = 56.25 X 6 = 337.50 CUM. (REQ.)

PROVIDED TANK SIZE
BLOCK-(A+B+C+D) =190.00 CUM.
BLOCK-E =80.00 CUM.

IN BLOCK- (F,G,H.)
TANK SIZE 01 NOS. = 5.00x5.00x5.00 = 125.00 cum

HENCE TOTAL PROVIDED SUMP AREA = 395.00 cum (PROVIDED).

WATER TANK CALCULATION :-

TOTAL NO OF PERSON = 570 PEOPLE
PER PERSON NEED 135 Ltrs PER DAY
TOTAL PERSON NEED =570 X 135 = 76,950.00 Ltrs.
EXTRA 25,000 Ltrs FOR FIRE FIGHTINGEACH BLOCK
TOTAL REQUIRMENT OF WATER TANK SIZE
(76,950+ 75,000) = 1,51,950.00 Ltrs.+3,12,650.00 (Ltrs for under const. block)=4,64,600.00 LTRS.
(REQ)

PROVIDED
BLOCK -F
(L) (4.80 X25.21 X 0.90) = 27,000.00 LTRS.
(02) (4.80 X 6.25 X 0.90) = 27,000.00 LTRS
BLOCK -G
(L) (4.80 X 6.25 X 0.90) = 27,000.00 LTRS.
(02) (4.80 X 6.25 X 0.90) = 27,000.00 LTRS
BLOCK -H
(L) (4.10 X 5.21 X 0.90) = 19,224.00 LTRS.
(02) 5.33 X 5.50 X 0.90) = 26,380.00 LTRS
TOTAL =1,53,604 LTRS

IN UNDER CONST (A TO E) BLOCK =3,62,620 LTRS
TOTAL (PROVIDED) = 5,16,224.00 LTRS.

SEPTIC TANK CALCULATION :-

TOTAL NO OF PERSON = 570 PEOPLE

PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ.
=570 X 0.085 = 48.45 CUM.+(118.15 FOR UNDER CONST. BLOCK) = 48.45 + 118.15 = 166.60 CUM.

PROVIDED
BLOCK- F,G & H
SEPTIC TANK PROVIDED 2 NOS =
SIZE (6.00 X 3.00 X 1.50) X 2 = 54.00 CUM.
UNDER CONST. (A TO B) BLOCK = 145.80 CUM.
TOTAL PROVIDED = 199.80 CUM.

OR STP PROVIDED AS PER NORMS

POPULATION CALCULATION :-

TOTAL NO. OF FLAT IN BLOCK -F = 40 nos.
TOTAL NO. OF FLAT IN BLOCK -G = 42 nos.
TOTAL NO. OF FLAT = 82 nos.

EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = (82 X 5) = 410 NOS.
410 +160 PERSON AFF. HOUSE = 570 NOS

GREEN AREA CALCULATION :-

TOTAL NET PLOT AREA = 14,671.67 sqm.
GREEN AREA REQUIRED @20% OF
TOTAL PLOT AREA = 2934.33 sqm. (Required)
PROVIDED GREEN SPACE AREA =2953.15 SQM (Provided)

PARKING CALCULATION PROPOSED BLOCK :-

TOTAL B/U AREA = 11,388.56 sqm.
PARKING AREA REQ. @ 25% OF B/U AREA,SO TOTAL PARKING AREA REQ
= 11388.56 X 25% = 2847.14 sqm. (REQ.)
PROVIDED
PARKING AREA AT
BASEMENT FLOOR(BLOCK-F+G) =1859.15 SQM.
GROUND FLOOR (BLOCK-F+G) =1490.18 SQM.
TOTAL PROVIDED PARKING AREA =3349.33 SQM (PROVIDED)

AFF. HOUSE CALCULATION :-

TOTAL B/U AREA (BLOCK F+G) = 11,388.56 SQM.
AFF. HOUSE AREA REQ. @ 15% OF TOTAL B/U AREA,
SO AFF. HOUSE AREA REQ. =11,388.56 x 15% = 1708.28 sqm.

TOTAL PROVIDED AFF. HOUSE AREA= 1714.44 SQM (Provided)

F.A.R.(INCLUDING AFF. HOUSE) -38,393.14 / 14,671.67 = 2.61

AFF. HOUSE POPULATION CALCULATION :-

TOTAL NO. OF FLAT = 32 nos.
EACH FLAT HAVING 5 PERSON
SO TOTAL NO OF PERSON = 32 x 5 = 160 nos.

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 1,00,000 Ltrs 1,00,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING 25,000 Ltrs.(EACH)
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER
12.FIRE RESISTANT DOOR
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER

AREA CALCULATION PROPOSED BLOCK

TOTAL PLOT AREA =14,671.67 m²

	Block-F	Block-G	Block-H (AFF. HOUSE)
Basement Floor b/u area	34.61 m²	34.61 m²	.....
Ground Floor b/u area	38.25 m²	38.25 m²	123.24 m²
First Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Second Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Third Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Fourth Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Fifth Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Sixth Floor b/u area	825.25 m²	825.25 m²	265.20 m²
Seventh Floor b/u area	514.59 m²	825.25 m²	
TOTAL	5538.95 m²	5849.61 m²	1714.44 m²

TOTAL (BLOCK : F + G) = 11,388.56 m²

PROPOSED BLOCK + UNDER CONST. (APPROVED) BLOCK = (11,388.56 + 25,290.14) = 36,678.70 m²

F.A.R. (EXCLUDING AFF. HOUSE) = 36,678.70 / 14,671.67 = 2.49

AREA DETAILS OF APPROVED BLOCK

B/UP Area	Block-A	Block-B	Block-C	Block-D	Block-E
Basement Floor	XXXX	XXXX	XXXX	XXXX	25.45 m²
Ground Floor	61.56 m²	95.42 m²	64.59 m²	41.79 m²	28.35 m²
First Floor	1067.47 m²	31.65 m²	422.85 m²	422.85 m²	921.18 m²
Second Floor	1067.47 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
Third Floor	1067.47 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
Fourth Floor	1067.47 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
Fifth Floor	1067.47 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
Sixth Floor	1067.47 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
Seventh Floor	733.37 m²	905.83 m²	422.85 m²	422.85 m²	921.18 m²
TOTAL	7199.75 m²	5562.05 m²	3024.54 m²	3001.74 m²	6502.06 m²

TOTAL AREA OF APPROVED BLOCK : A+B+C+D+E = 25,290.14 m²

PARKING CALCULATION APPROVED BLOCK :-

TOTAL B / U AREA = 25,290.14 m²
REQ. PARKING AREA @25 % OF TOTAL B/U AREA
=25,290.14 X 25% = 6322.53 m²

Provided	Block-A	Block-B	Block- C+D	Block-E
Basement Floor	XXXX	XXXX	1377.00 m²	1237.47 m²
Ground Floor	1250.22 m²	1011.74 m²	240.00 m²	978.80 m²
First Floor	XXXX	1078.89 m²		
	1250.22 m²	2090.63 m²	1617.00 m²	2216.27 m²

TOTAL PROVIDED PARKING AREA
BLOCK (A+B+C+D+E) = 7174.12 m² (PROVIDED)

PLOT DETAIL:-

EXTENSION CUM ADDITION RESIDENTIAL BUILDING FOR
WINSOME INFRASTRUCTURE ,
PARTNER -SRI.SANJEEV KUMAR,
S/O SRI RAJESHWAR, AND OTHER'S,
ON SURVEY PLOT NO.-531,613,614,618,619,620
THANA NO.-17,
KHATA NO.-142,228,222 ,220,278,268,
AT MAUZA-SIKANDARPUR, THANA-DANAPUR,
DIST-PATNA

SCALE. 1 : 100 NORTH.

SIGN OF OWNER / BUILDER

SIGN OF STRUCT. ENGINEER

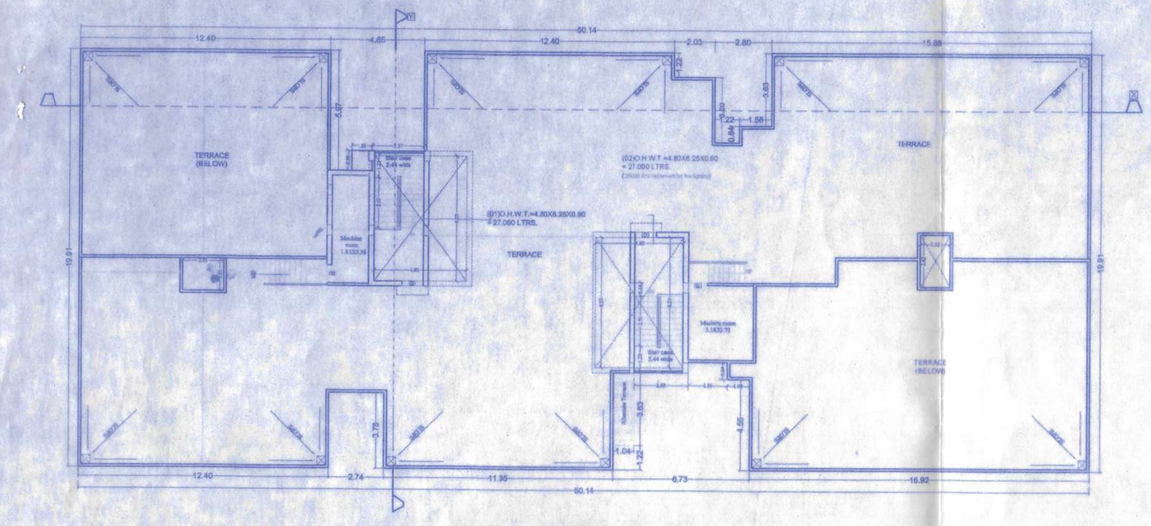
AR. Umashankar Kumar
Registered Architect
Regn. No.-CA/2011/54023

SIGN OF ARCHITECT

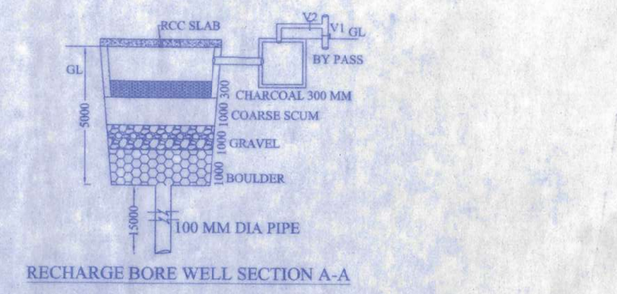
Building Plan No. 16/22-23

A. E.
Nagar Parishad Danapur Nizamat

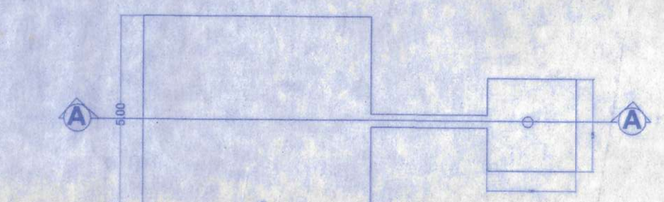
J. E.
Nagar Parishad Danapur Nizamat



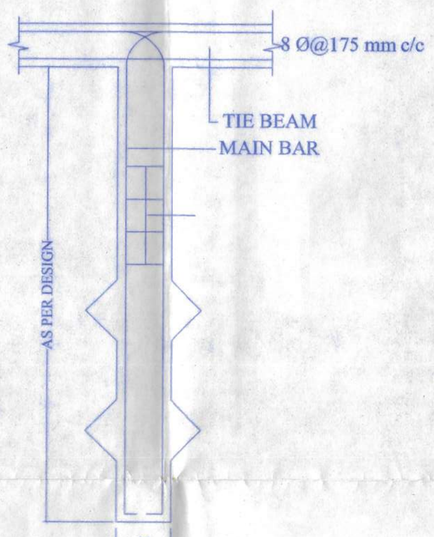
TERRACE FLOOR PLAN
SCALE 1:100(BLOCK- F)



RECHARGE BORE WELL SECTION A-A



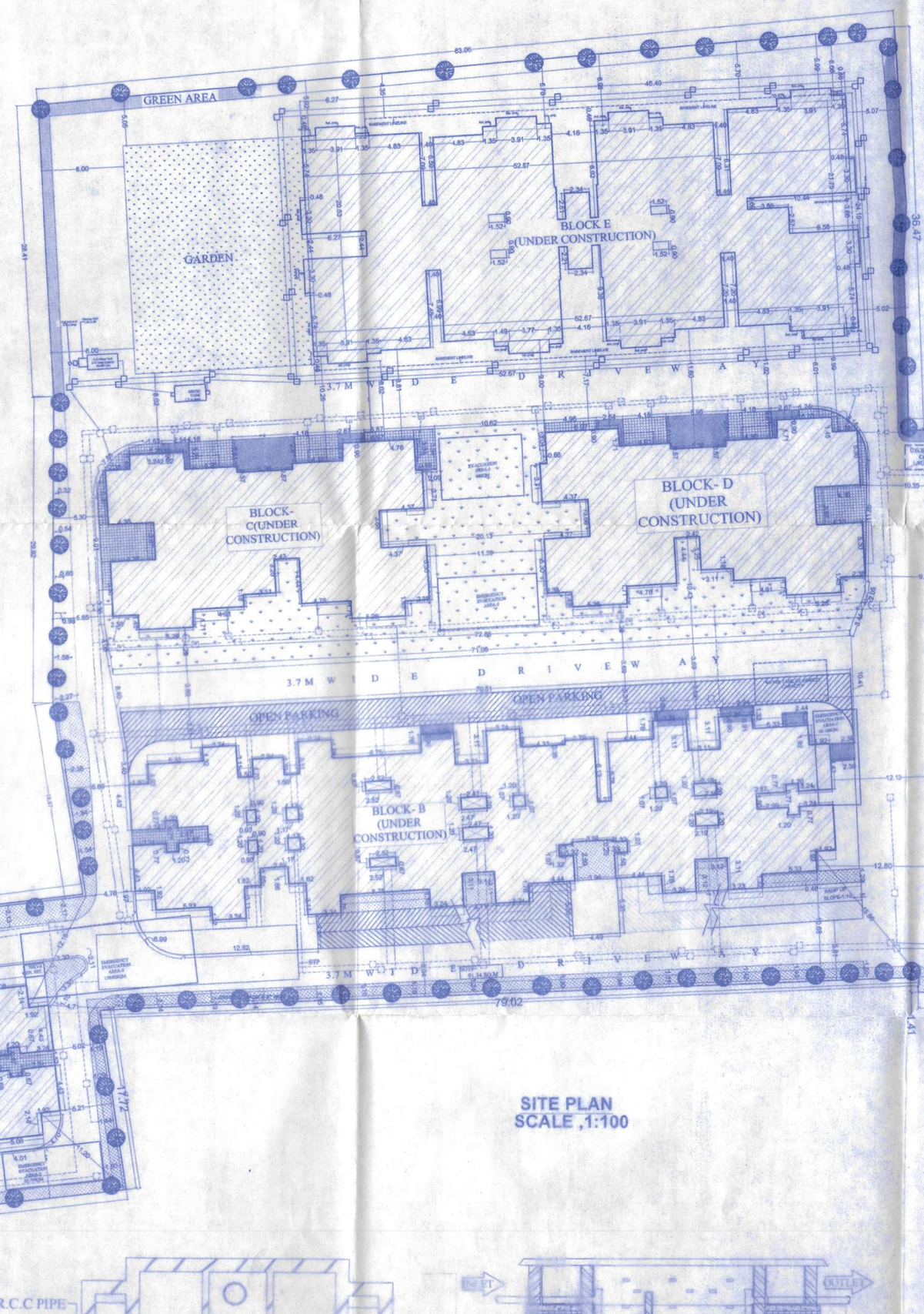
TYP.PLAN OF RECHARGE BORE WELL



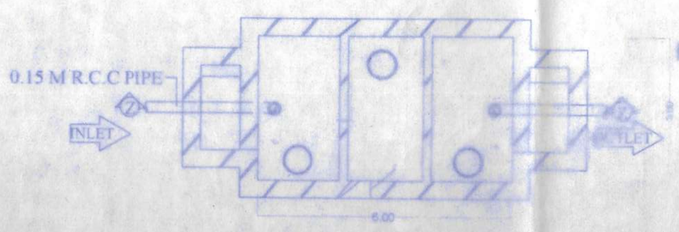
TYP. DET. OF PILE FOUNDATION

TYP. DETAIL OF FOUNDATION.

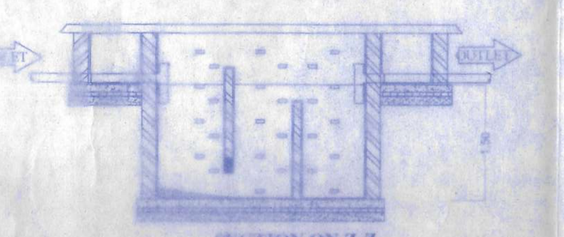
SECTION FOR UNDER GROUND FIRE FIGHTING WATER TANK



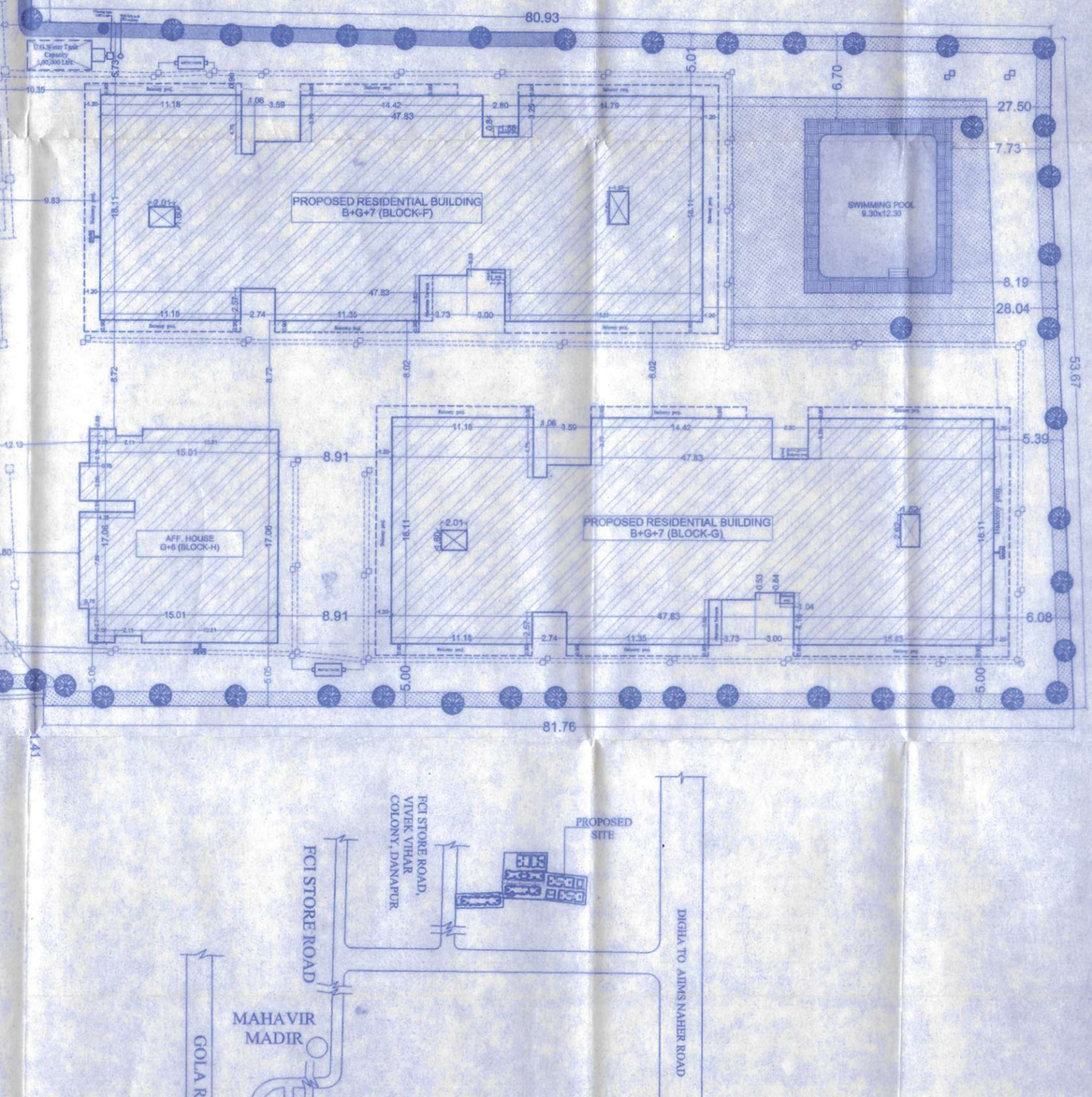
SITE PLAN
SCALE ,1:100



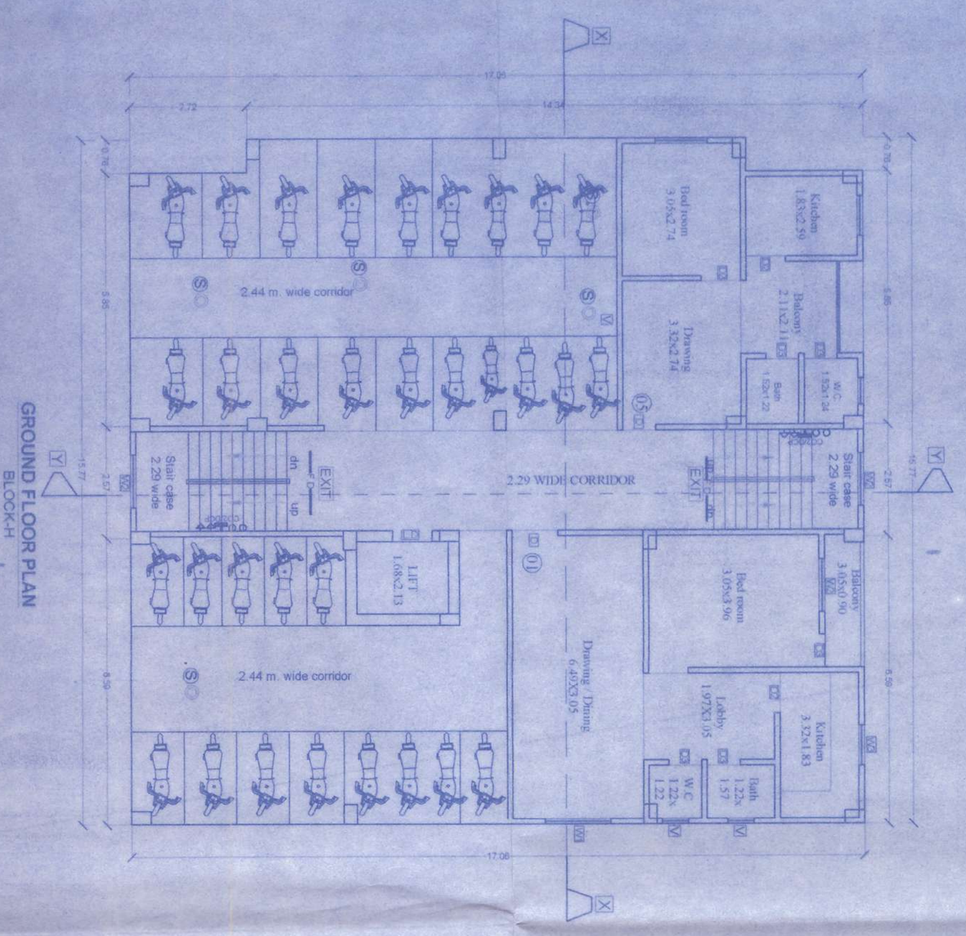
PLAN OF SEPTIC TANK.



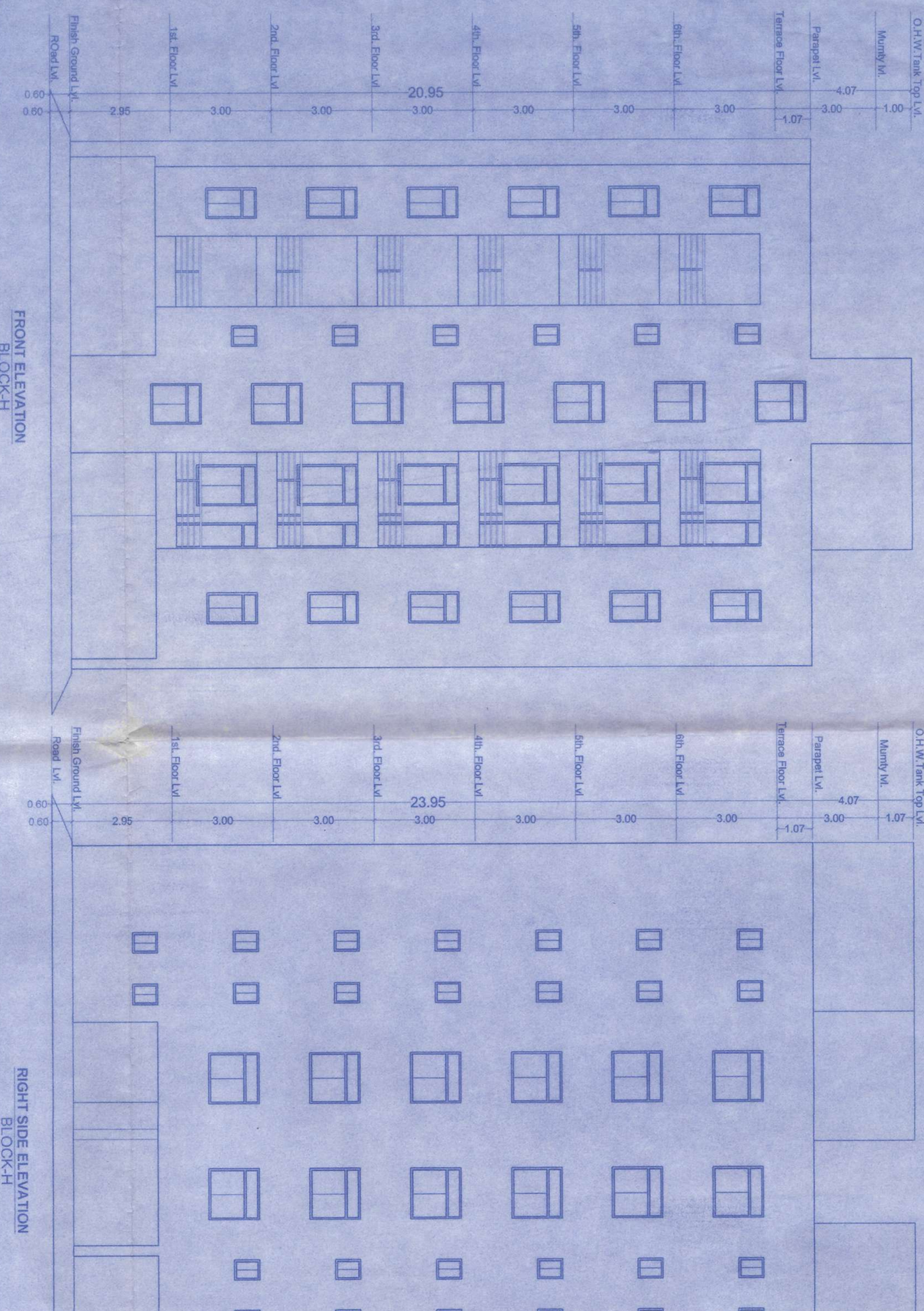
SECTION ON Z-Z



LOCATION PLAN
(N.T.S.)

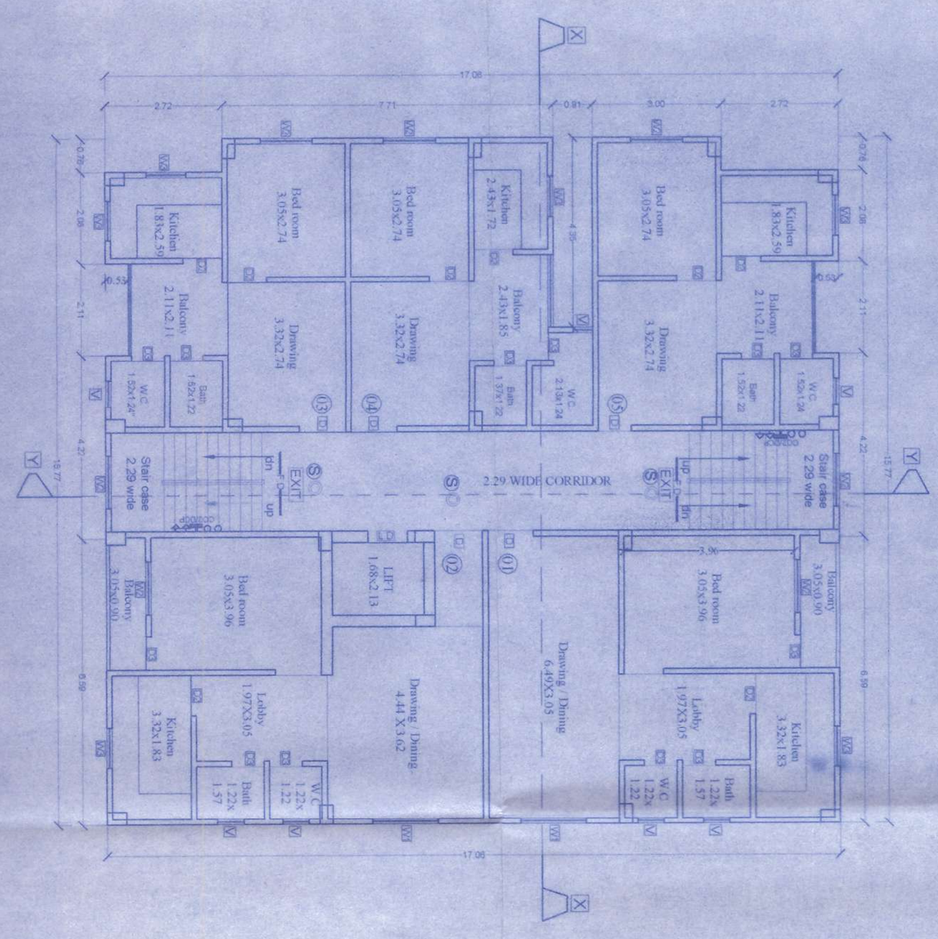


GROUND FLOOR PLAN
BLOCK-H



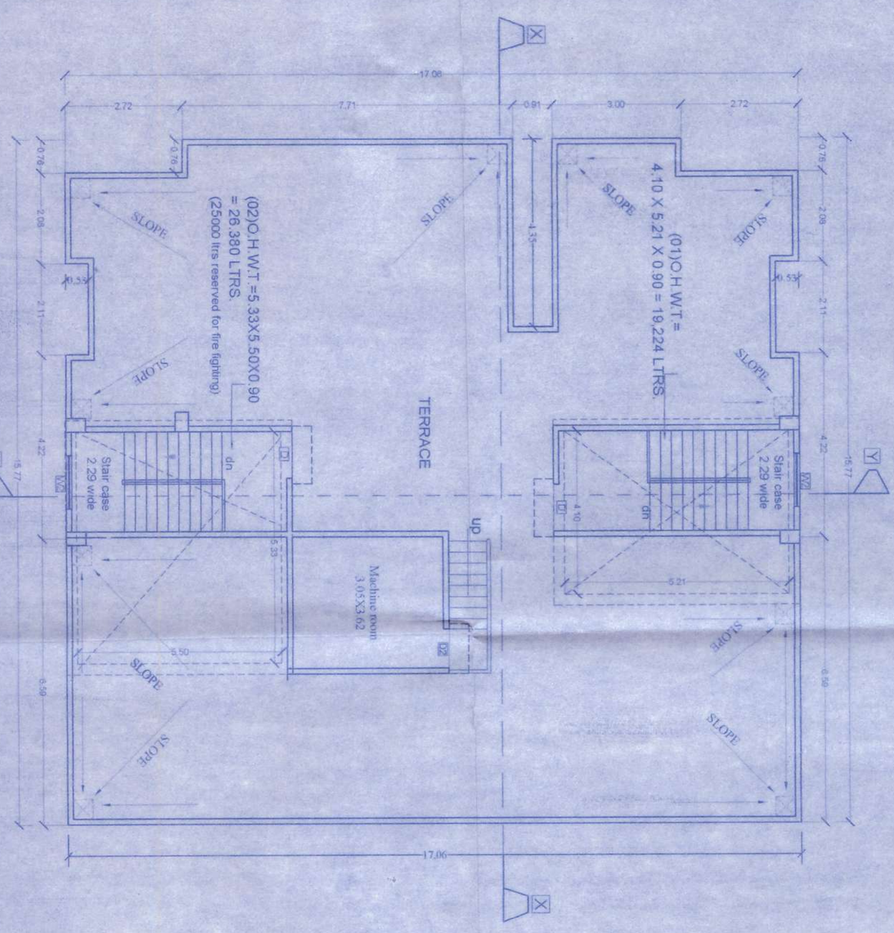
FRONT ELEVATION
BLOCK-H

RIGHT SIDE ELEVATION
BLOCK-H

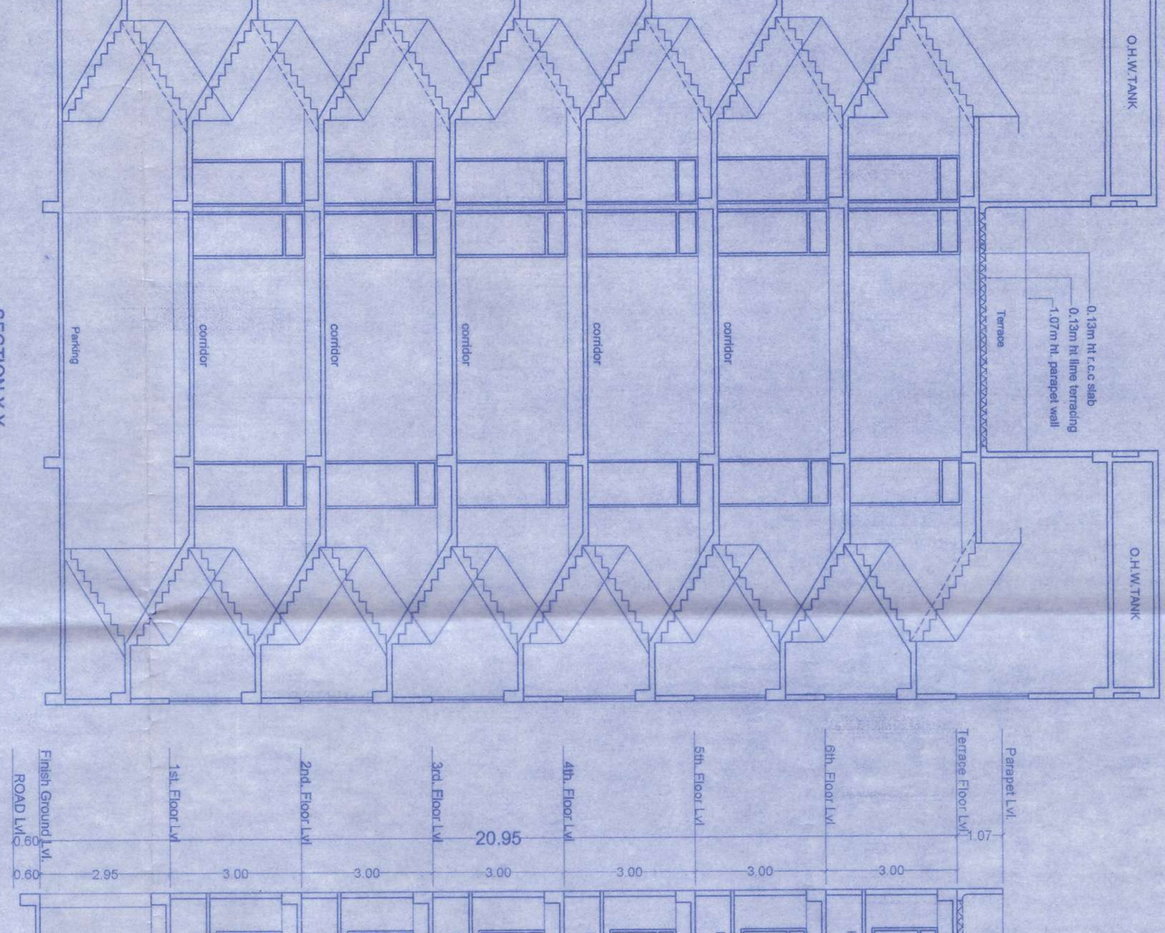


TYPICAL(1st. to 6th.) FLOOR PLAN
BLOCK-H

SECTION-Y-Y
BLOCK-H



TERRACE FLOOR PLAN
BLOCK-H



SECTION-X-X
BLOCK-H

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D1	1.07	2.13	0.0	2.13	Single Leaf Door
D2	0.91	2.13	0.0	2.13	Single Leaf Door
D3	0.76	2.13	0.0	2.13	Single Leaf Door
W1	1.52	1.78	0.76	2.54	Glazed window
W2	1.22	1.78	0.76	2.54	Glazed window
W3	0.91	1.63	0.91	2.54	Glazed window
V	0.61	1.63	0.91	2.54	Ventilator

05/05

AFF. HOUSE BLOCK

PLOT DETAIL:-

EXTENSION CUM ADDITION RESIDENTIAL BUILDING FOR WINSOME INFRASTRUCTURE, PARTNER -SRI.SANJEEV KUMAR, S/O SRI RAJESHWAR. AND OTHER'S, ON SURVEY PLOT NO.-531,613,614,618,619,620 THANA NO.-17, KHATA NO.-142,228,222, 220,278,268, AT MAUZA-SIKANDARPUR, THANA-DANAPUR, DIST-PATNA

SCALE: 1" = 100', 1" = 200'

NORTH

SIGNATURE OF OWNER / DEVELOPER

SIGN. OF EMPANELLED ARCHITECT

SIGNATURE OF EMPANELLED STRUCTURAL ENGINEER

Building Plan No. 16/22-23 Dt. 16/3/22

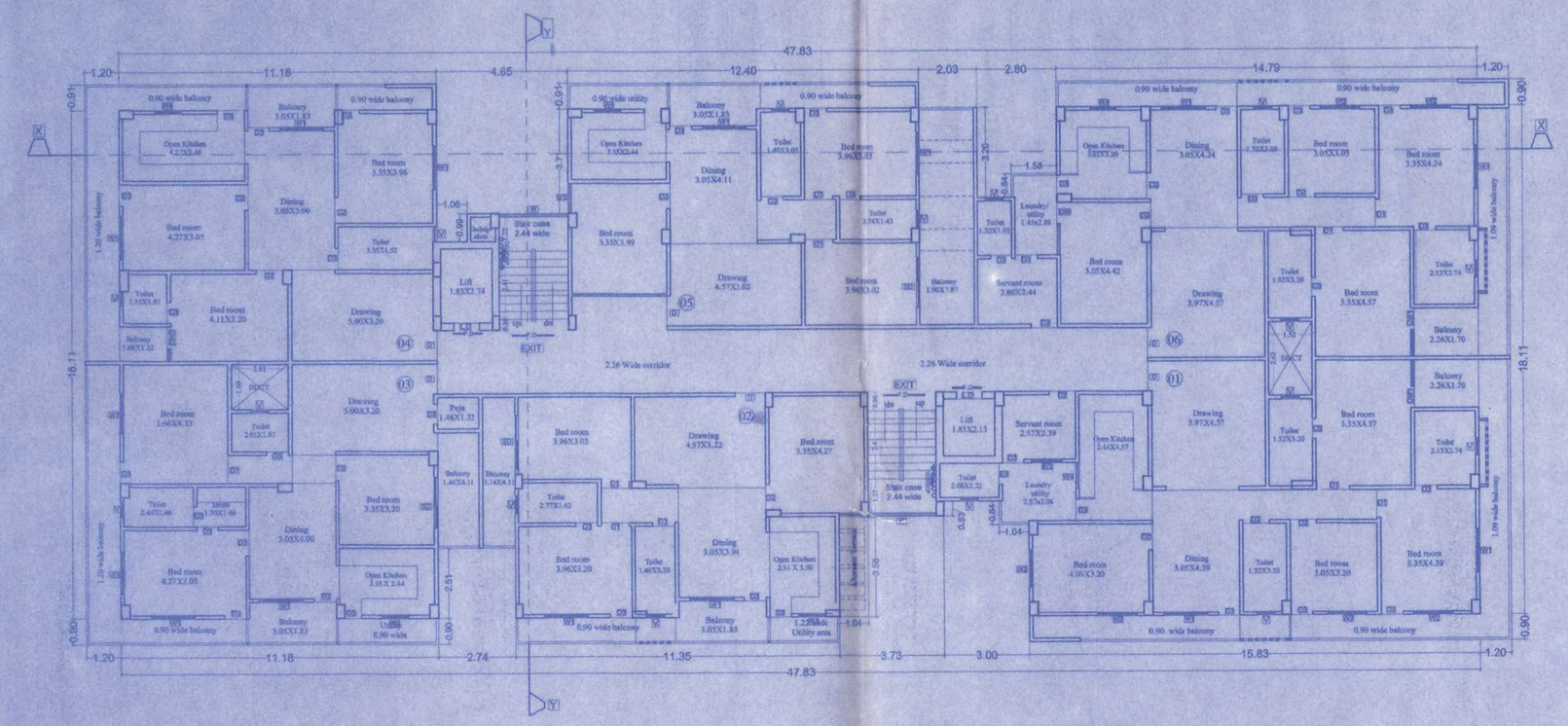
A. E.
Nagar Parishad Danapur Nizamat

J. E.
Nagar Parishad Danapur Nizamat

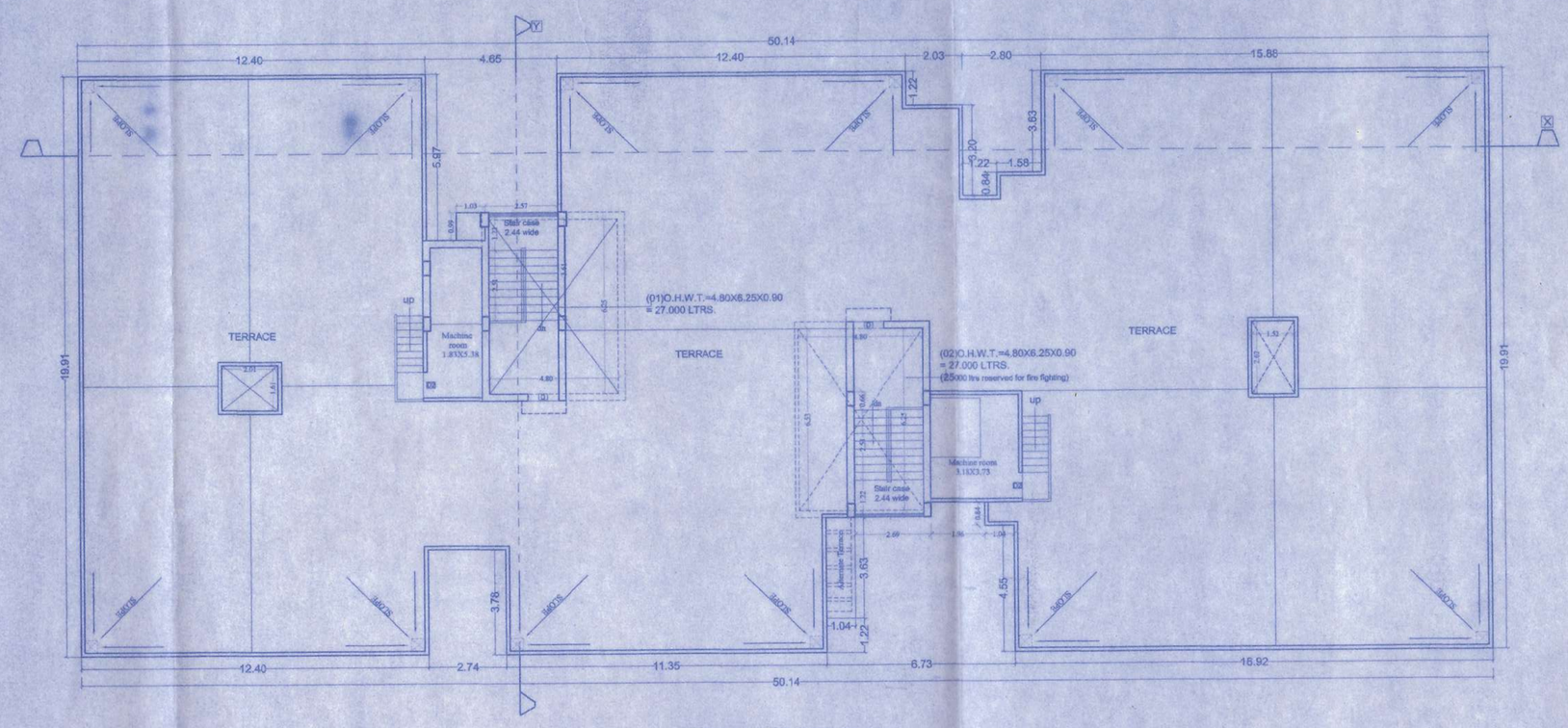
Nagar Parishad Danapur Nizamat

MANOJ KUMAR
STRUCTURAL ENGINEER
Licence No.-15/STRE/2015/INF/01
Nagar Parishad Danapur Nizamat

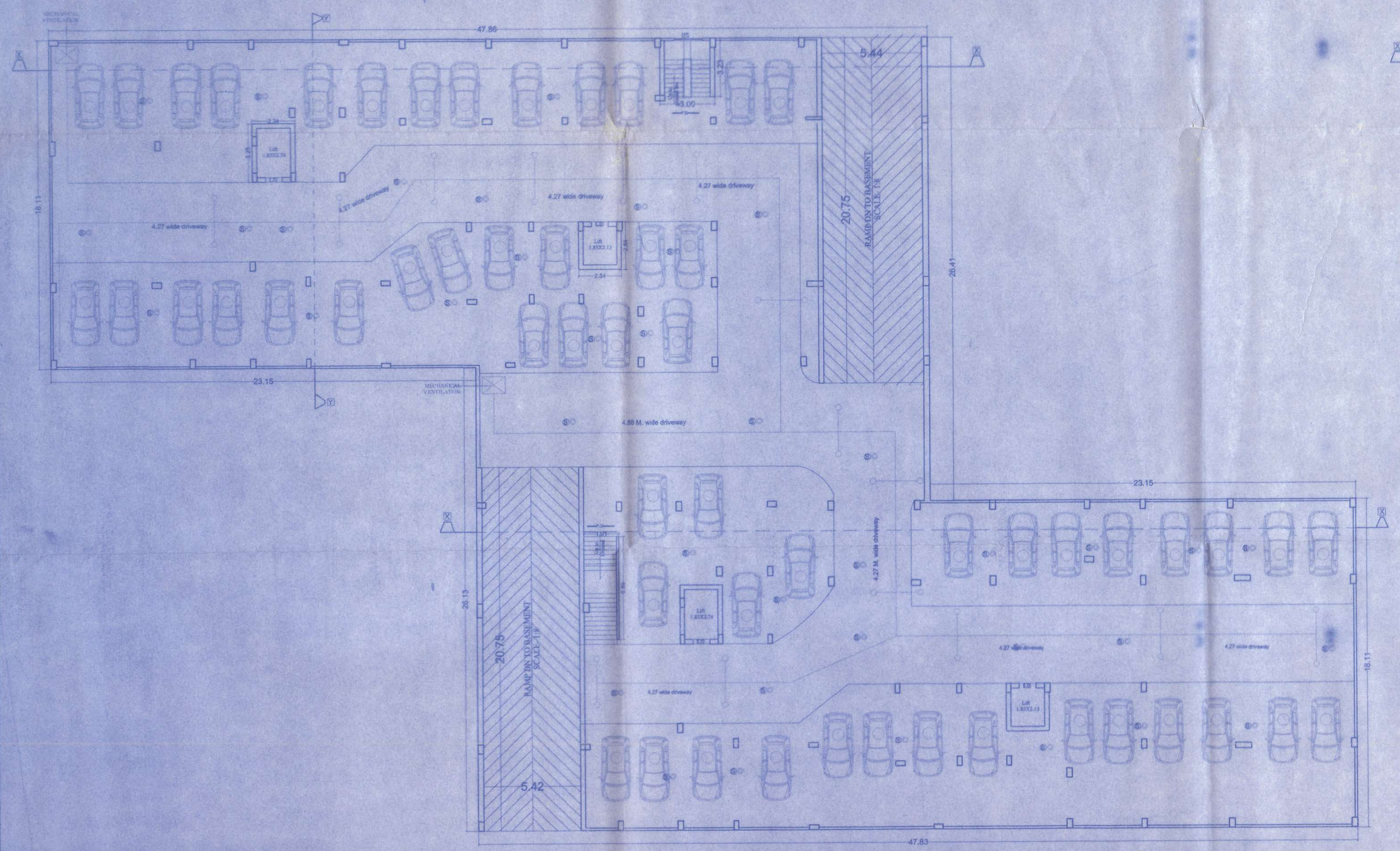
ar. UMASHANKAR KUMAR
Regd. Architect-CA/2015/40221
EMP. No.-29/AE/2015/INPDT
NAGAR PARISHAD DANAPUR



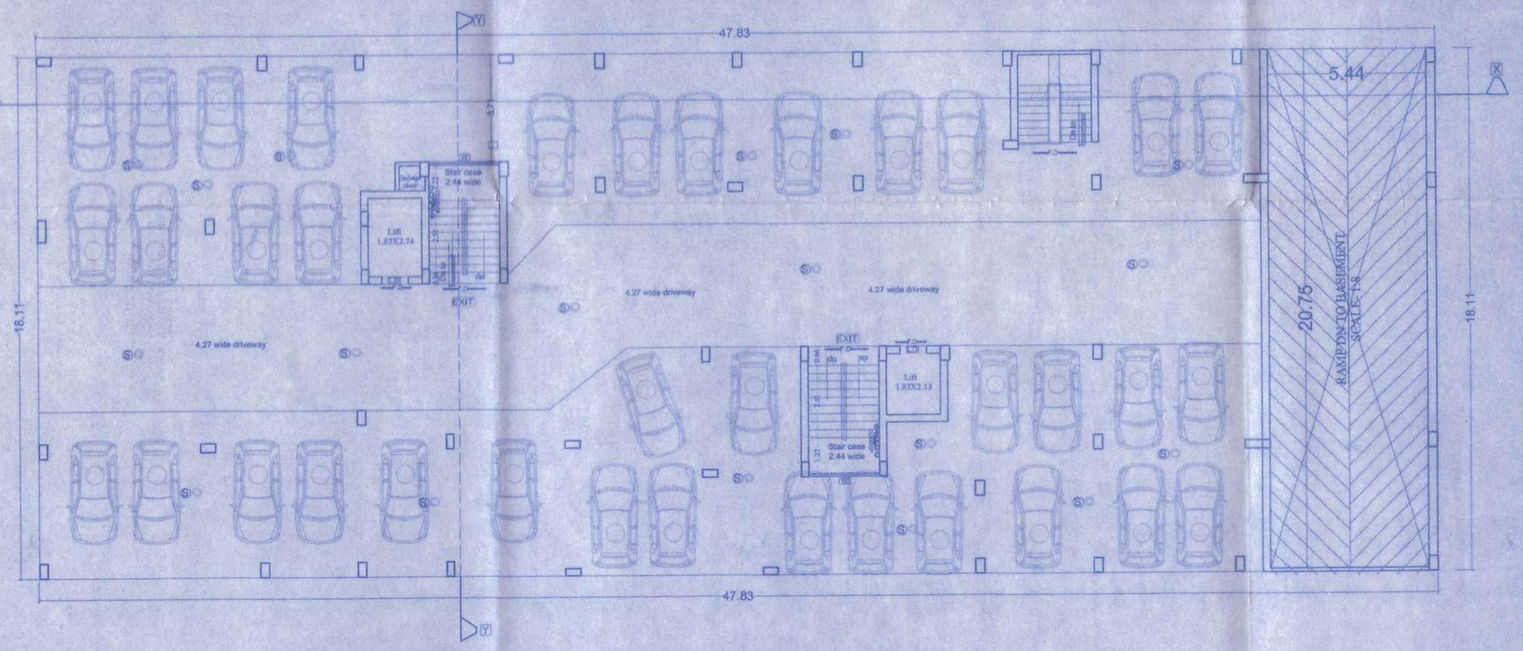
TYPICAL(1st. to 7th.) FLOOR PLAN
SCALE 1:100 (BLOCK -G)



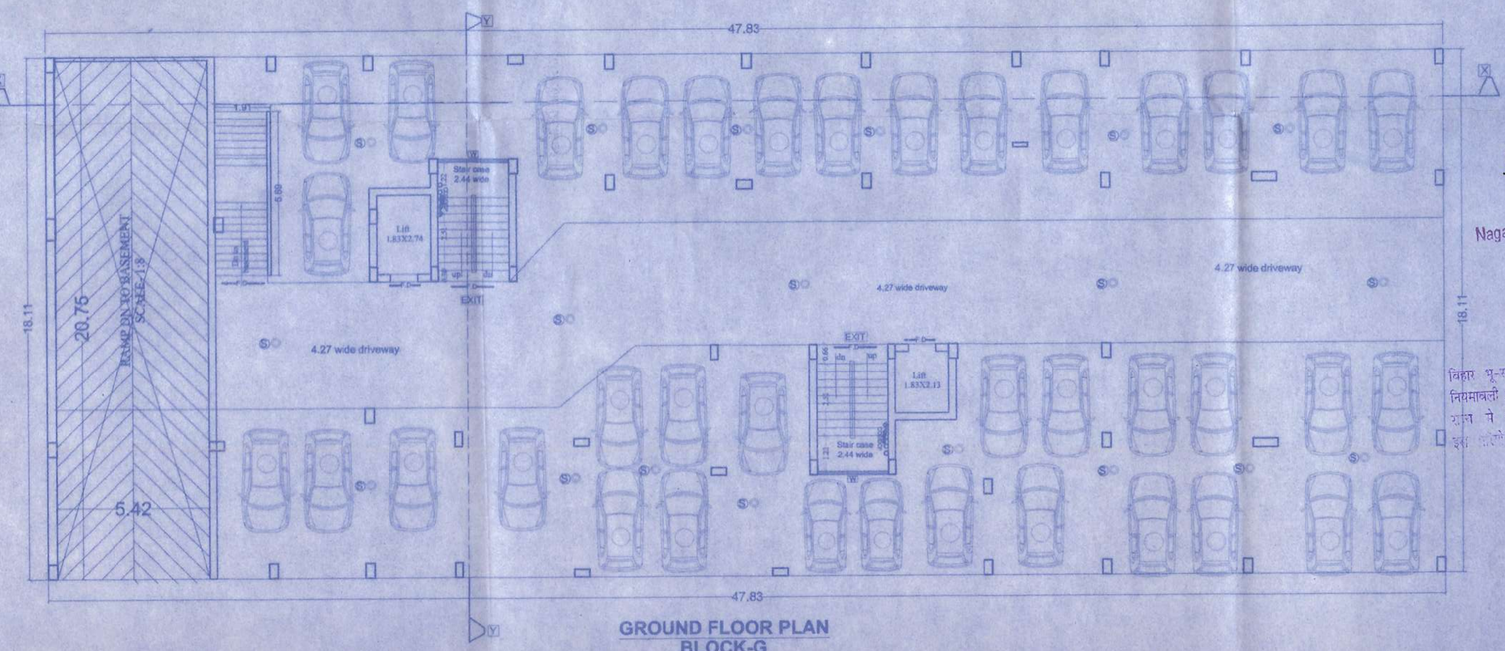
TERRACE FLOOR PLAN
SCALE 1:100(BLOCK- G)



BASEMENT FLOOR PLAN
BLOCK-F & G



GROUND FLOOR PLAN
BLOCK-F



GROUND FLOOR PLAN
BLOCK-G

SCHEDULE OF DOORS & WINDOWS 02/05

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.76	2.13	0.0	2.13	Single Leaf Door
D	2.44	1.83	0.91	2.54	Glazed window
D	1.52	1.78	0.76	2.54	Glazed window
D	1.37	1.78	0.76	2.54	Glazed window
D	1.07	1.78	0.76	2.54	Glazed window
D	0.91	1.83	0.91	2.54	Glazed window
D	0.78x1.09	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.84	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.46	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.61	0.61	1.83	2.54	Ventilator
D	1.83	0.91	1.83	2.54	Ventilator

PLOT DETAIL:-

EXTENSION CUM ADDITION RESIDENTIAL BUILDING FOR
WINSOME INFRASTRUCTURE ,
PARTNER -SRI.SANJEEV KUMAR,
S/O SRI RAJESHWAR, AND OTHER'S.
ON SURVEY PLOT NO.-531,613,614,618,619,620
THANA NO.-17,
KHATA NO.-142,228,222 ,220,278,268,
AT MAUZA-SIKANDARPUR, THANA-DANAPUR,
DIST-PATNA

SCALE.
1 : 100,

NORTH.

SIGN. OF EMPANELED STRUCT. ENGINEER.

Ar. UMASHANKAR KUMAR
Regd. Architect-CA/2017/51620
M.CAR.S.PUNE(M.S.)-DANAPUR

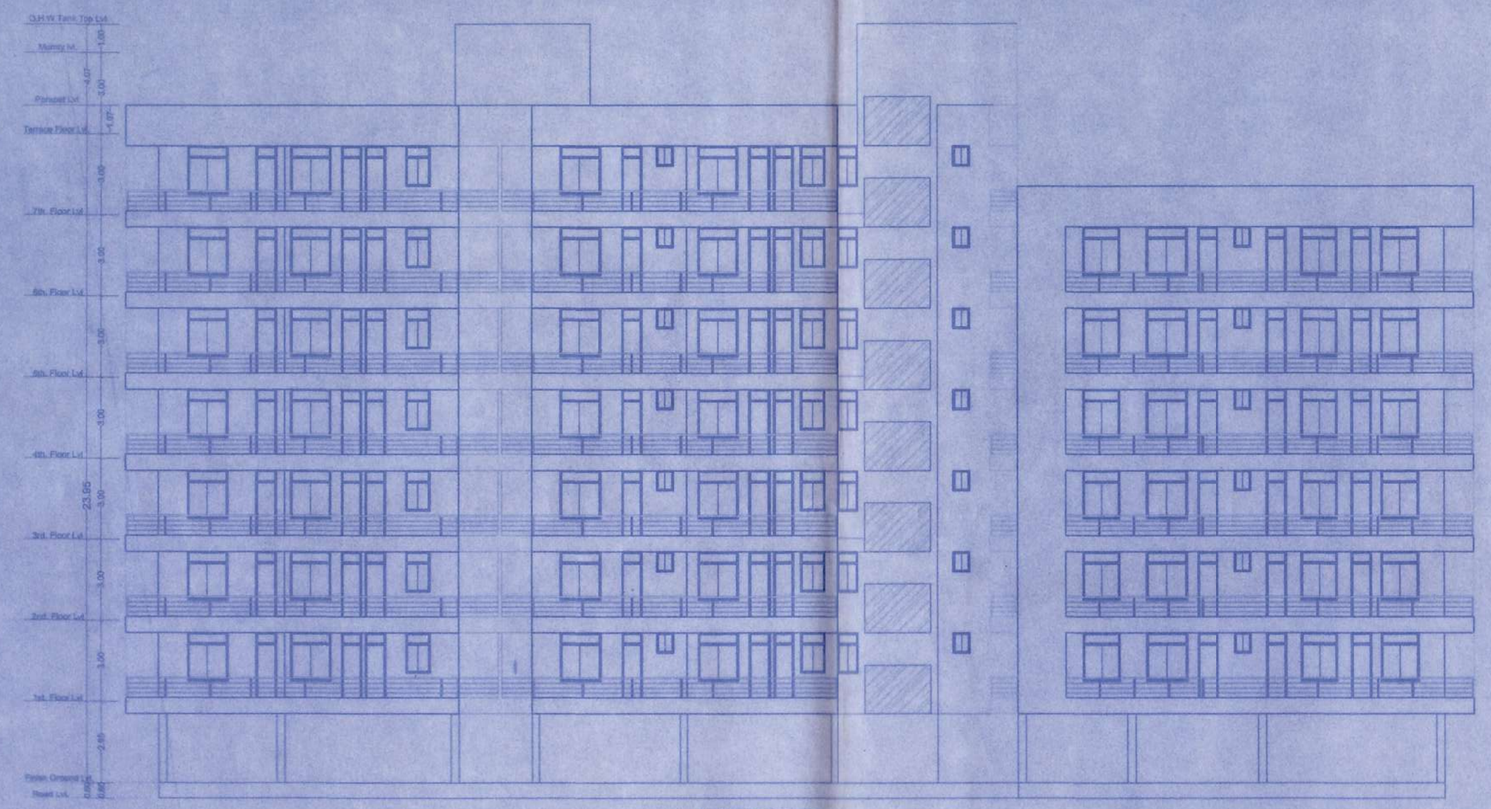
SIGN. OF EMPANELED ARCHITECT

A. E.
Nagar Parishad Danapur Nizamat

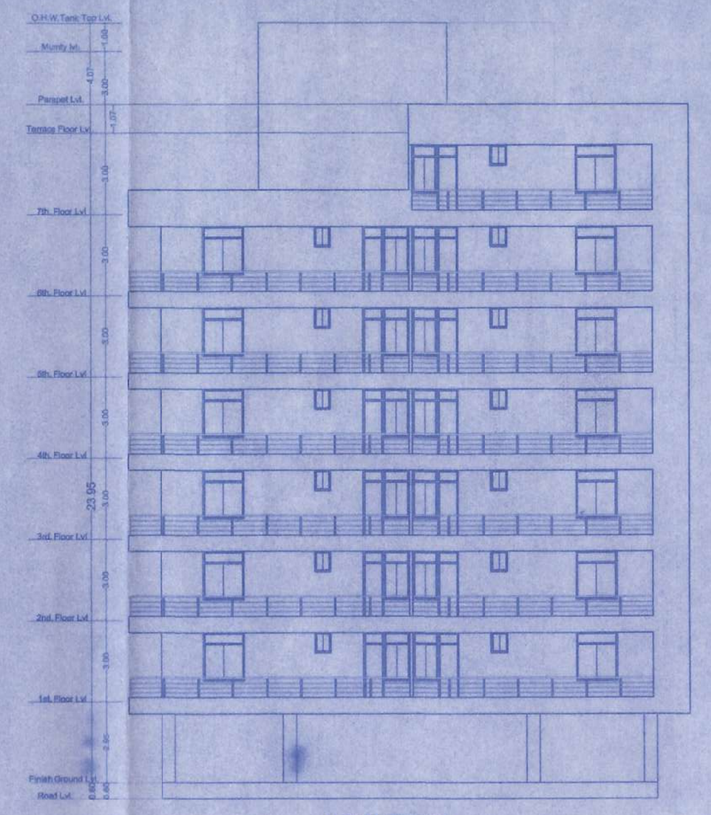
Building Plan No. 16/22-23

J. E.
Nagar Parishad Danapur Nizamat

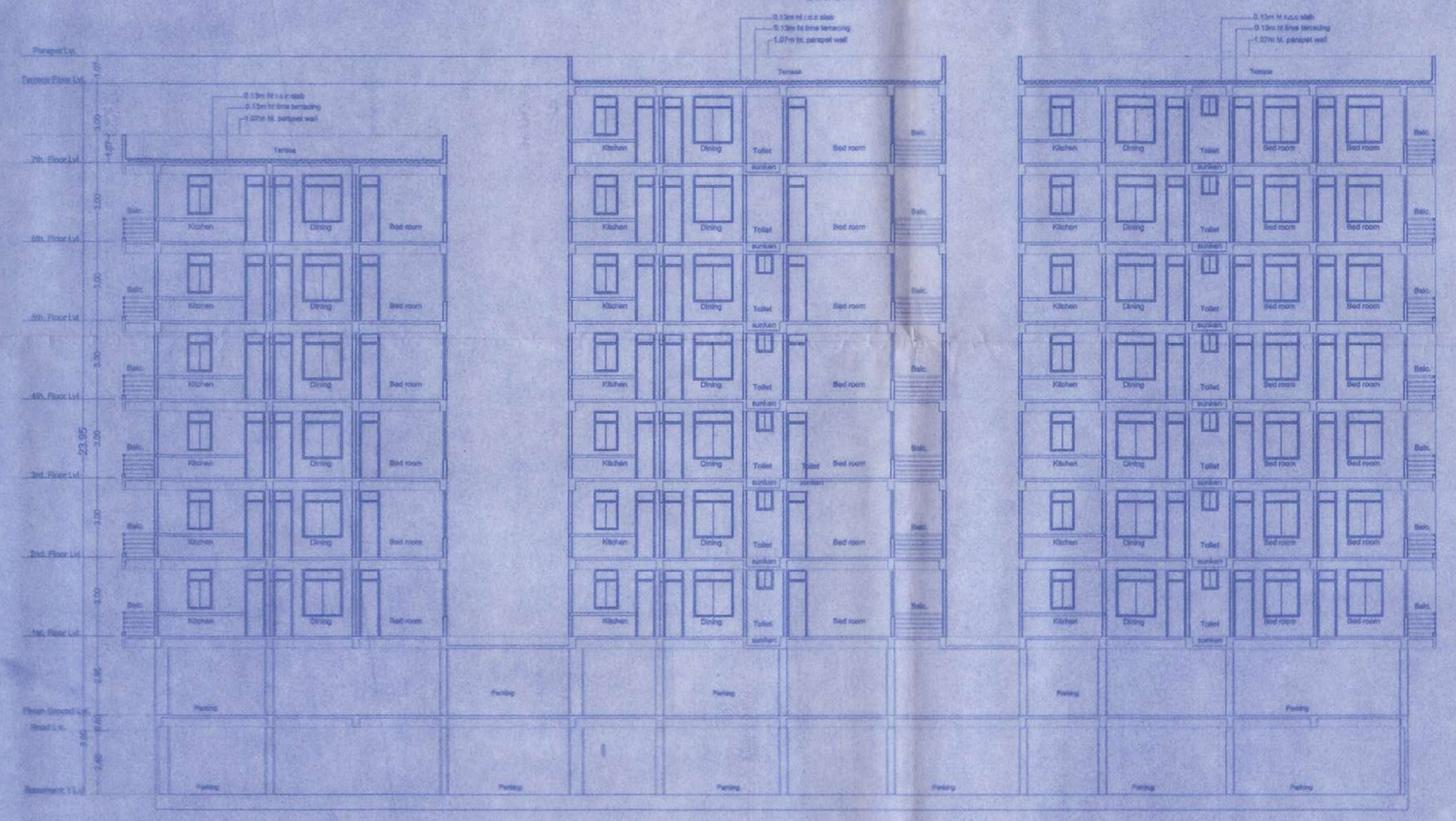
नगर परिषद दानापुर निजामत



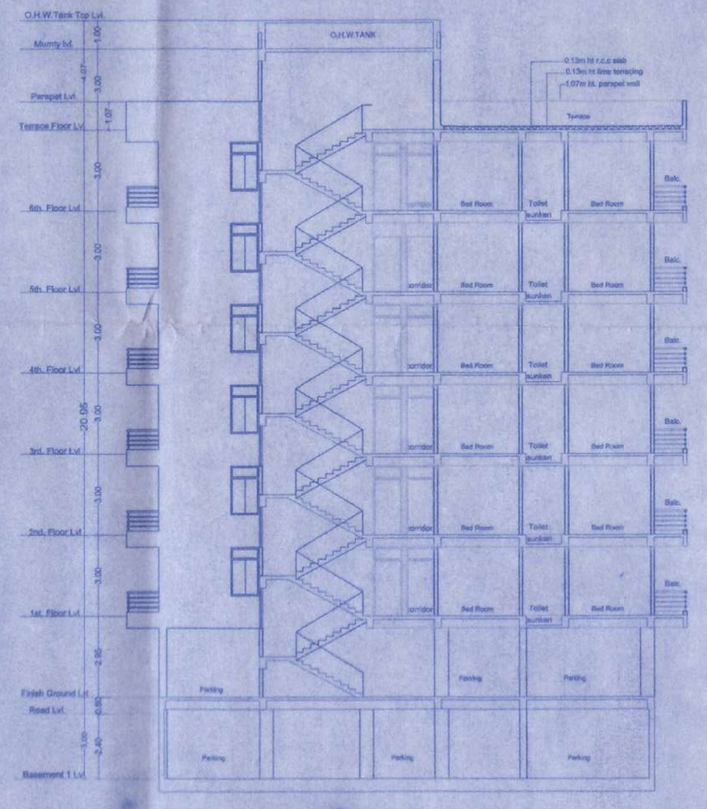
FRONT ELEVATION
BLOCK-F



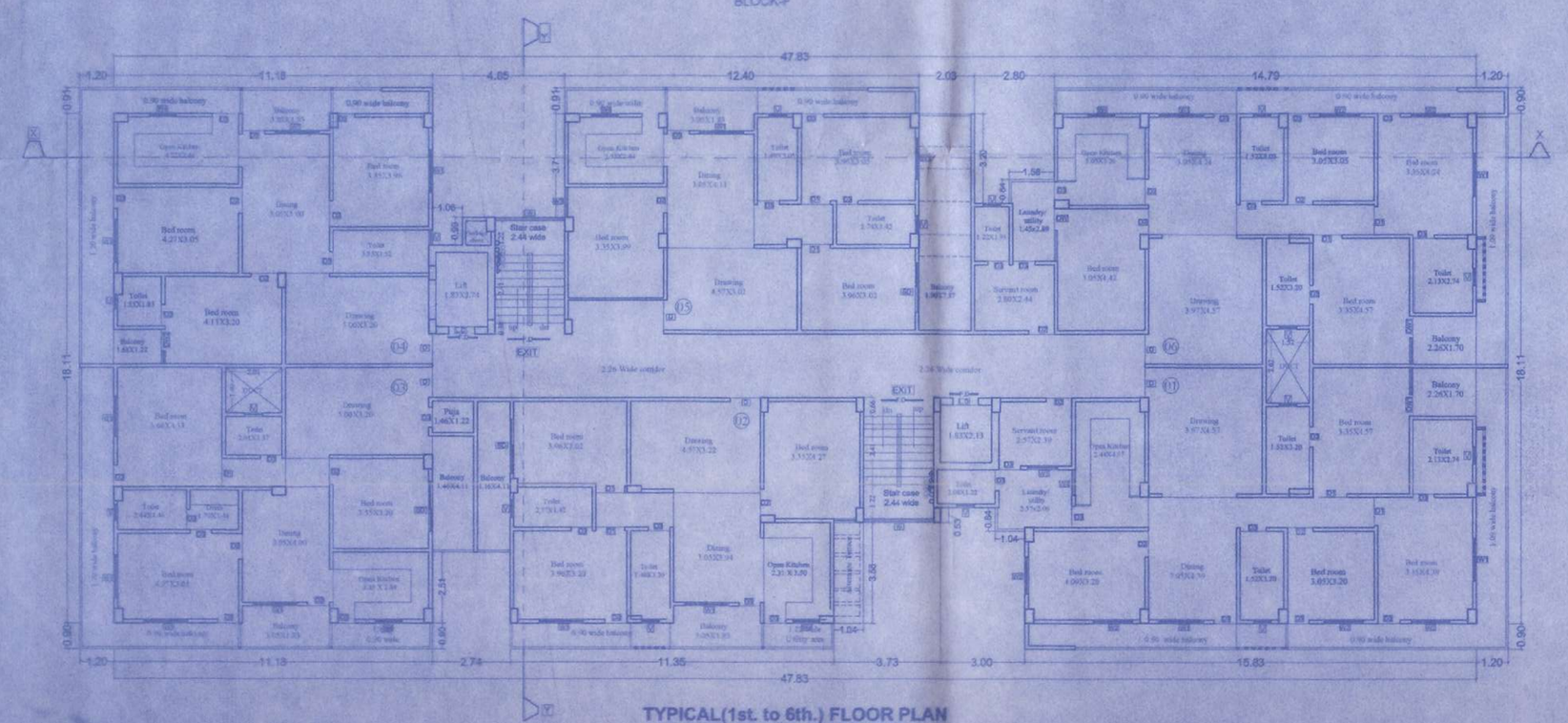
FRONT ELEVATION
BLOCK-F



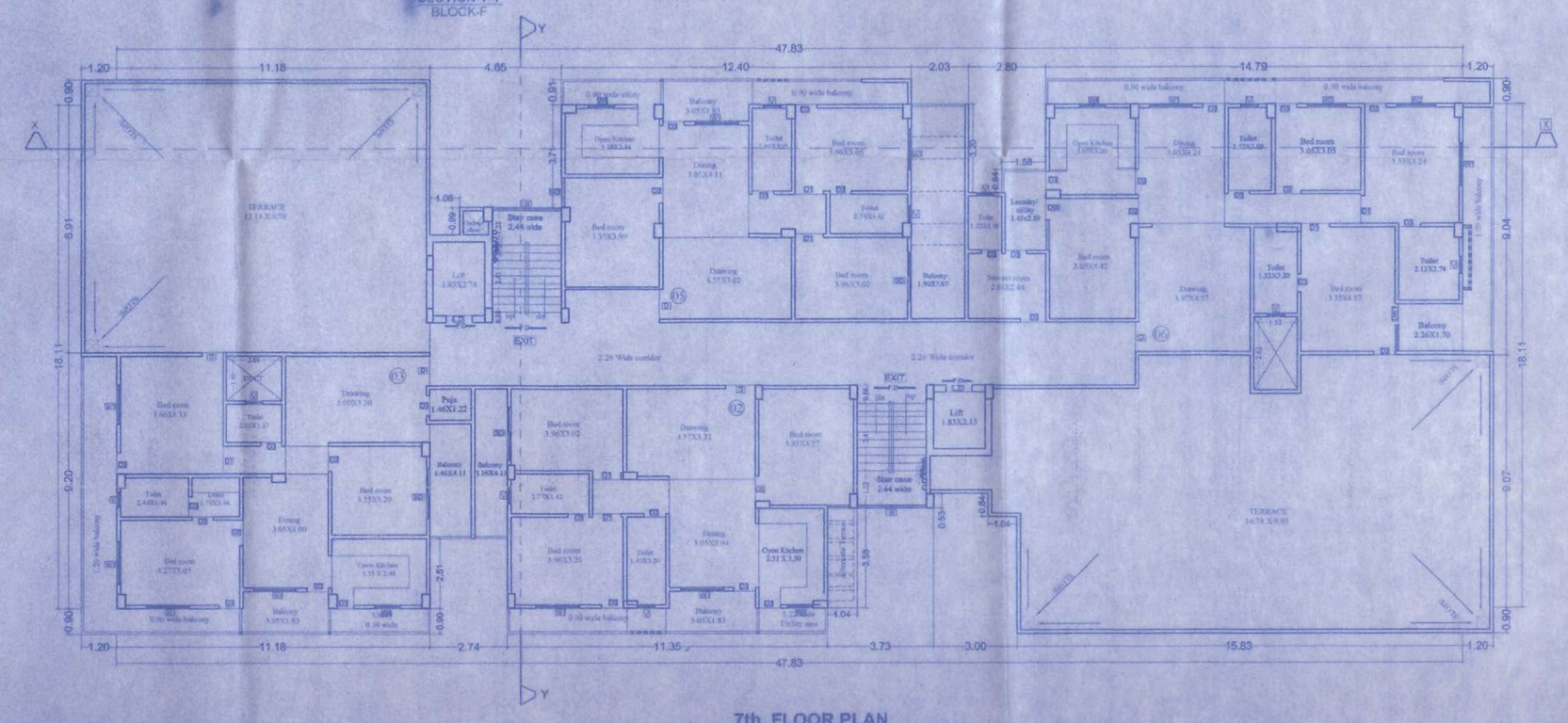
SECTION- X-X
BLOCK-F



SECTION-Y-Y
BLOCK-F



TYPICAL(1st. to 6th.) FLOOR PLAN
SCALE 1:100 (BLOCK -F)



7th. FLOOR PLAN
SCALE 1:100 (BLOCK -F)

SCHEDULE OF DOORS & WINDOWS

03/05

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.76	2.13	0.0	2.13	Single Leaf Door
D	2.44	1.63	0.91	2.54	Glazed window
D	1.52	1.78	0.76	2.54	Glazed window
D	1.37	1.78	0.76	2.54	Glazed window
D	1.07	1.78	0.76	2.54	Glazed window
D	0.91	1.63	0.91	2.54	Glazed window
D	0.76x1.09	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.94	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.46	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.61	0.61	1.93	2.54	Ventilator
D	1.83	0.61	1.93	2.54	Ventilator

PLOT DETAIL:-

EXTENSION CUM ADDITION RESIDENTIAL
BUILDING FOR
WINSOME INFRASTRUCTURE ,
PARTNER -SRI SANJEEV KUMAR,
S/O SRI RAJESHWAR, AND OTHER'S,
ON SURVEY PLOT NO.-531,613,614,618,619,620
THANA NO.-17,
KHATA NO.-142,228,222 , 220,278,268,
AT MAUZA-SIKANDERPUR, THANA-DANAPUR,
DIST-PATNA

SCALE
1 : 100,

NORTH

MANOJ KUMAR
STRUCTURAL ENGINEER)
Licence No.-1667/REP/2015/NPDN
Nagar Parishad Danapur Nizamat

SIGN OF EMPANELLED
STRUCT. ENGINEER

SIGNATURE OF
OWNER / DEVELOPER

Ar. UMASHANKAR KUMAR
Regd. Architect/2011/51023
EMP. No.-2[Bihar]/2011/51023
NAGAR PARISHAD DANAPUR

SIGN OF EMPANELED
ARCHITECT

14/03/22
A.E.
Nagar Parishad Danapur Nizamat

स्थिर भू-सम्पदा (विनियमन और विकास) नियमावली 2017 (BSPA) की शर्तों के अधीन इस भवन भू-सम्पदा पंजीकरण से छूट प्राप्त है जिसका पंजीकरण संख्या [illegible] है।

14/03/22
J. E.
Nagar Parishad Danapur Nizamat

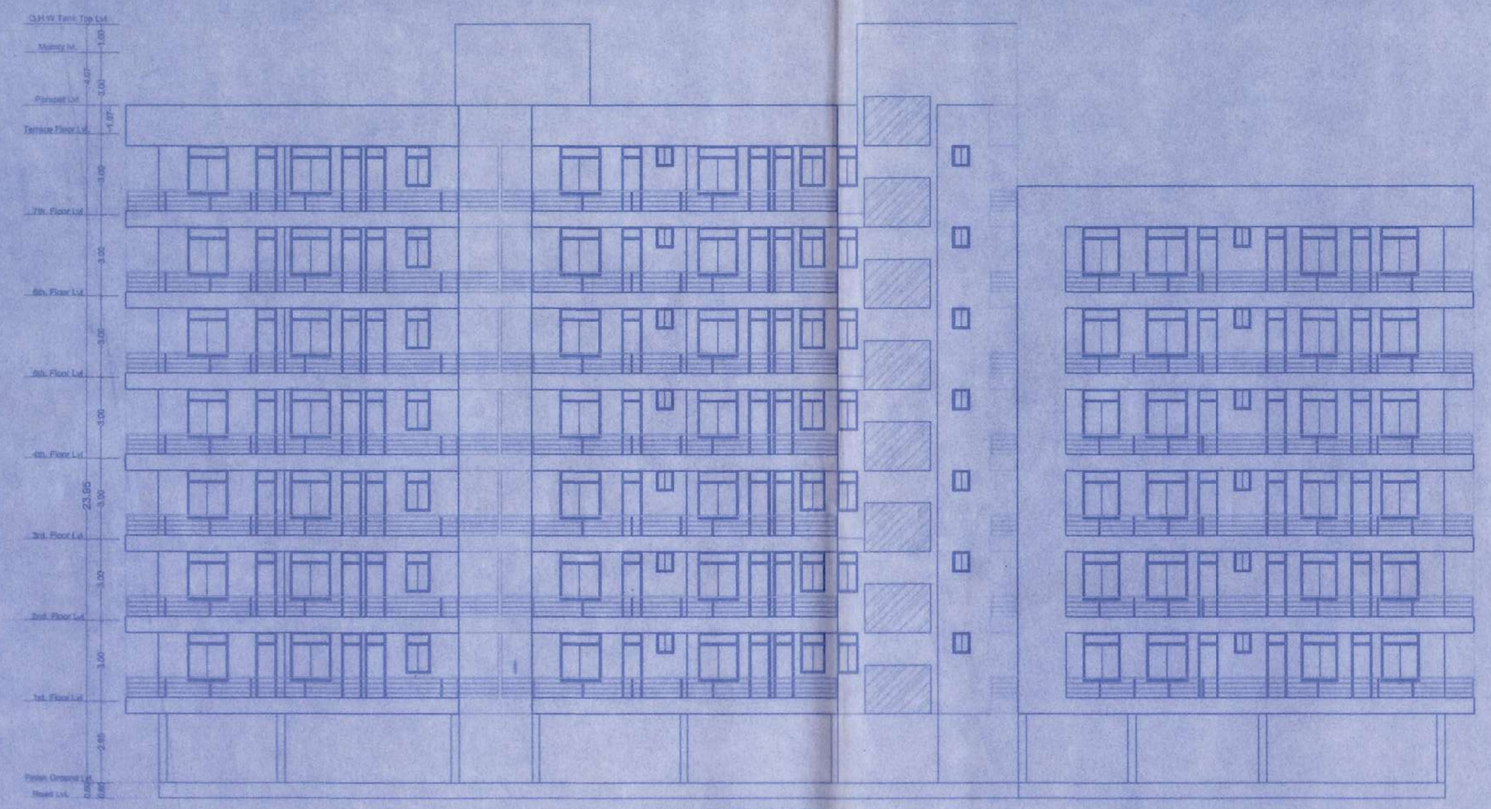
Building Plan No.- 16/22-23

निम्नलिखित शर्तों के साथ नगरपालिकी एवं अधिवासन की अनुज्ञा के आधार पर भवन निर्माण की स्वीकृति दी जाती है।

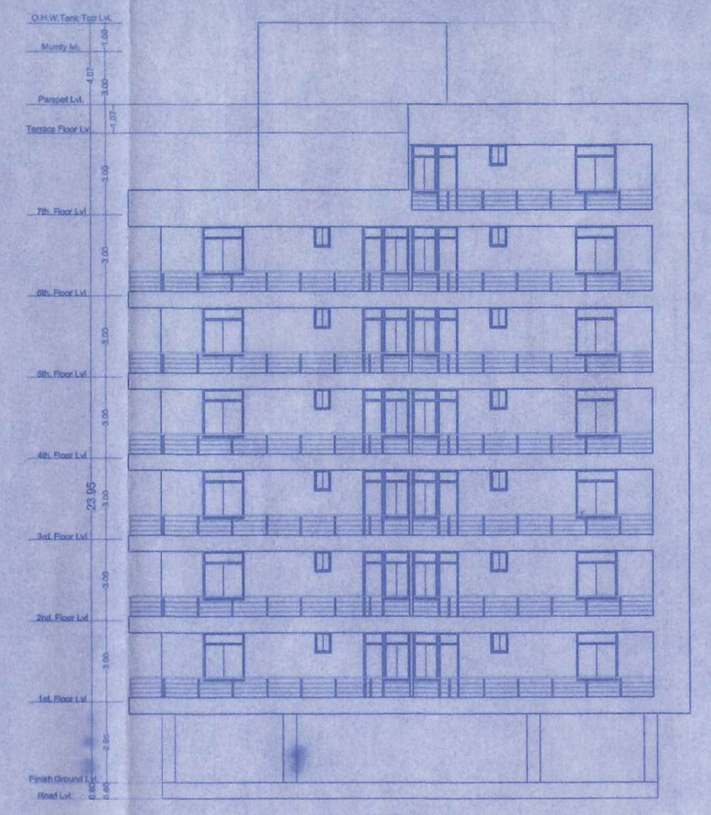
सरकारी या निजी हुवने के उपयोग का [illegible] करना होगा तथा फायर सेफ्टी के लिए बिहार भवन उपविधि 2014 के अनुसार उचित व्यवस्था की जाना होगा। भवन का [illegible] भवन उपविधि के अनुसार [illegible] होगा।

बरसाती पानी जाने के लिए [illegible] सुचारू होना। भवन [illegible] निर्माता द्वारा की जाने वाली [illegible] सम्बन्धित [illegible] के ऊपर रखे जिसे भवन [illegible] अंतिम [illegible] पूर्व सम्बन्धित को पंजीकृत [illegible] से आवेदित [illegible] Completion Certificate/Occupancy Certificate [illegible] होगी।

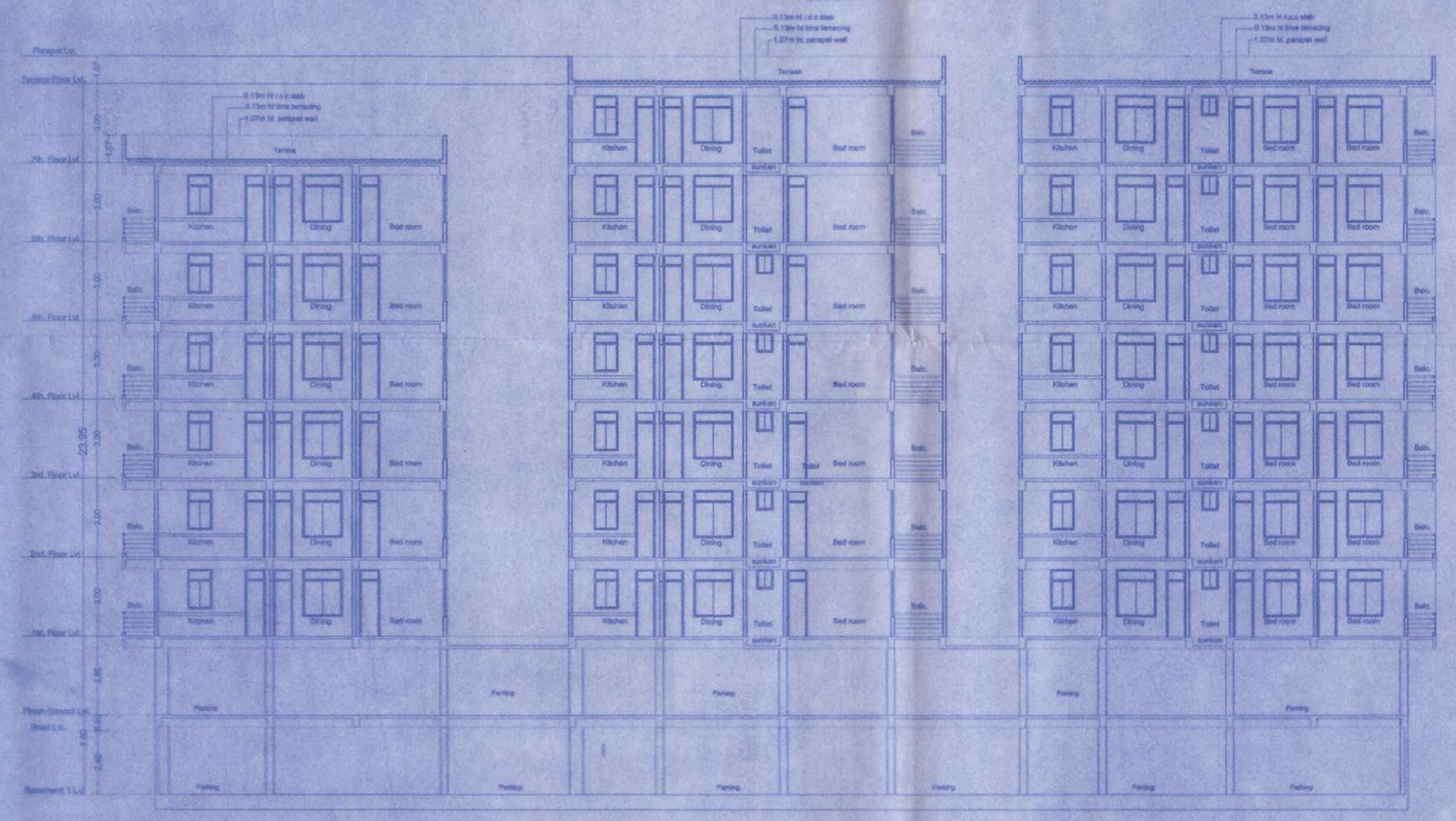
नगर पालिका, दानापुर निजामत
नगर पालिका, दानापुर निजामत



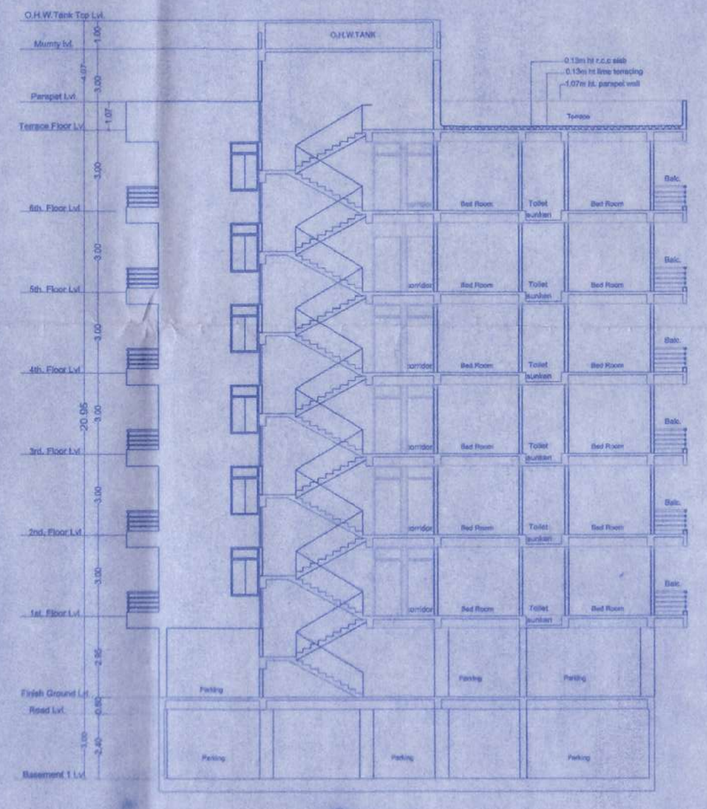
FRONT ELEVATION
BLOCK-F



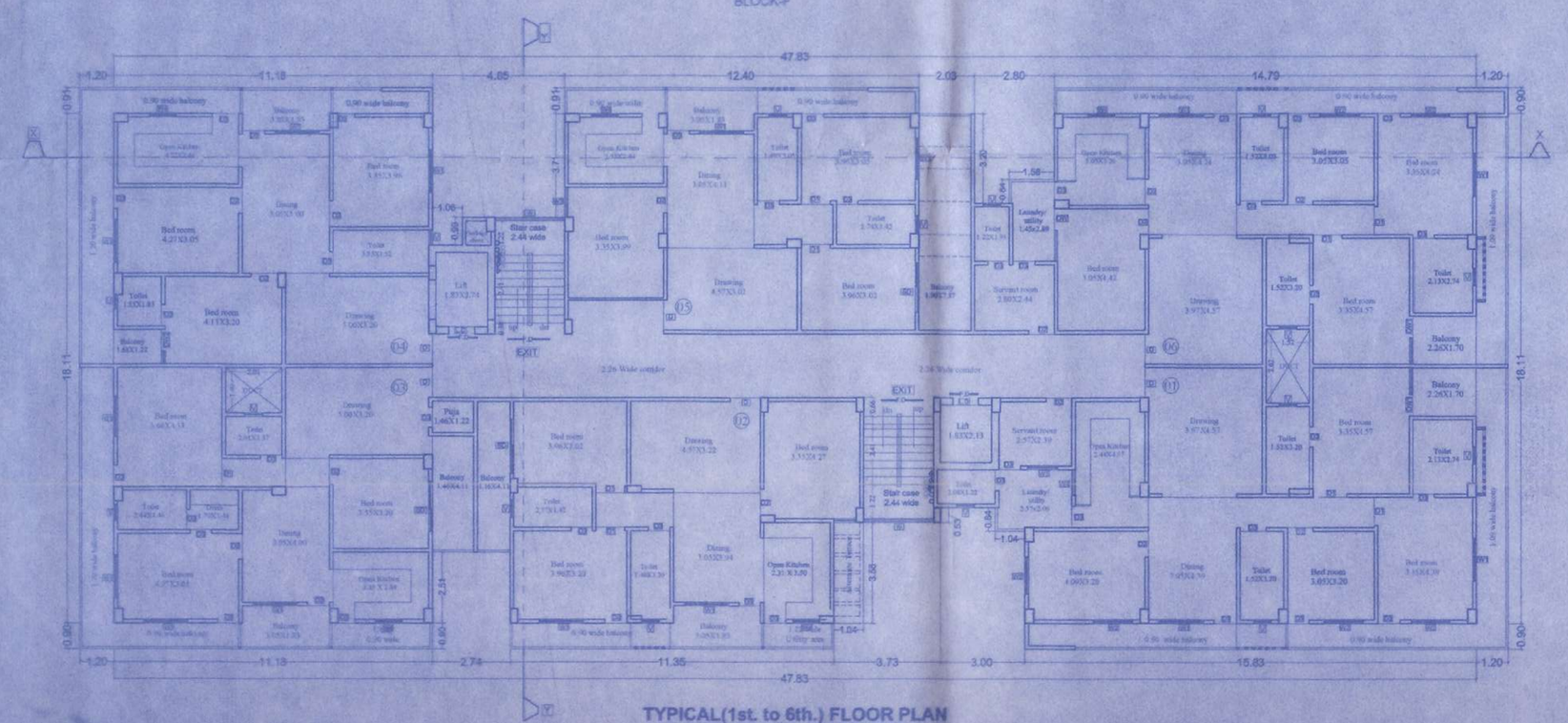
FRONT ELEVATION
BLOCK-F



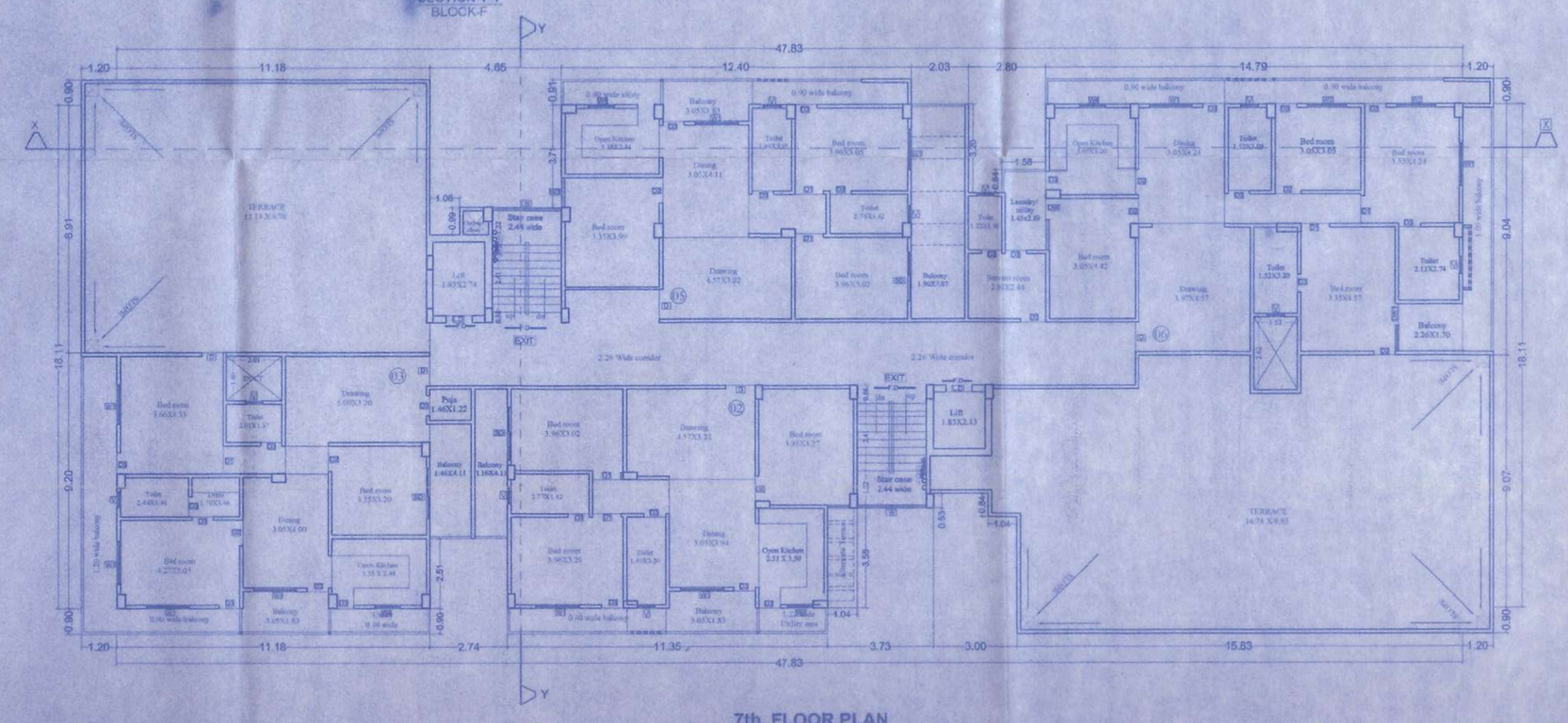
SECTION- X-X
BLOCK-F



SECTION-Y-Y
BLOCK-F



TYPICAL(1st. to 6th.) FLOOR PLAN
SCALE 1:100 (BLOCK -F)



7th. FLOOR PLAN
SCALE 1:100 (BLOCK -F)

SCHEDULE OF DOORS & WINDOWS

03/05

TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.91	2.13	0.0	2.13	Single Leaf Door
D	0.76	2.13	0.0	2.13	Single Leaf Door
D	2.44	1.63	0.91	2.54	Glazed window
D	1.52	1.78	0.76	2.54	Glazed window
D	1.37	1.78	0.76	2.54	Glazed window
D	1.07	1.78	0.76	2.54	Glazed window
D	0.91	1.63	0.91	2.54	Glazed window
D	0.76x1.09	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.94	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.76x0.46	2.54x1.78	0.00x0.76	2.54	Door & window
D	0.61	0.61	1.93	2.54	Ventilator
D	1.83	0.61	1.93	2.54	Ventilator

PLOT DETAIL:-

EXTENSION CUM ADDITION RESIDENTIAL
BUILDING FOR
WINSOME INFRASTRUCTURE ,
PARTNER -SRI SANJEEV KUMAR,
S/O SRI RAJESHWAR, AND OTHER'S,
ON SURVEY PLOT NO.-531,613,614,618,619,620
THANA NO.-17,
KHATA NO.-142,228,222 , 220,278,268,
AT MAUZA-SIKANDERPUR, THANA-DANAPUR,
DIST-PATNA

SCALE
1 : 100,

NORTH

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14/03/22
J. E.
Nagar Parishad Danapur Nizamat

Building Plan No.- 16/22-23

निम्नलिखित शर्तों के साथ नगरपालिकी एवं अधिवासन की अनुज्ञा के आधार पर भवन निर्माण की स्वीकृति दी जाती है।

सरकारी या निजी हुवने के उपयोग का [illegible] करना होगा तथा फायर सेफ्टी के लिए बिहार भवन उपविधि 2014 के अनुसार उचित व्यवस्था की जाना होगा। भवन का [illegible] भवन उपविधि के अनुसार [illegible] होगा।

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नगर पालिका, दानापुर निजामत
नगर पालिका, दानापुर निजामत