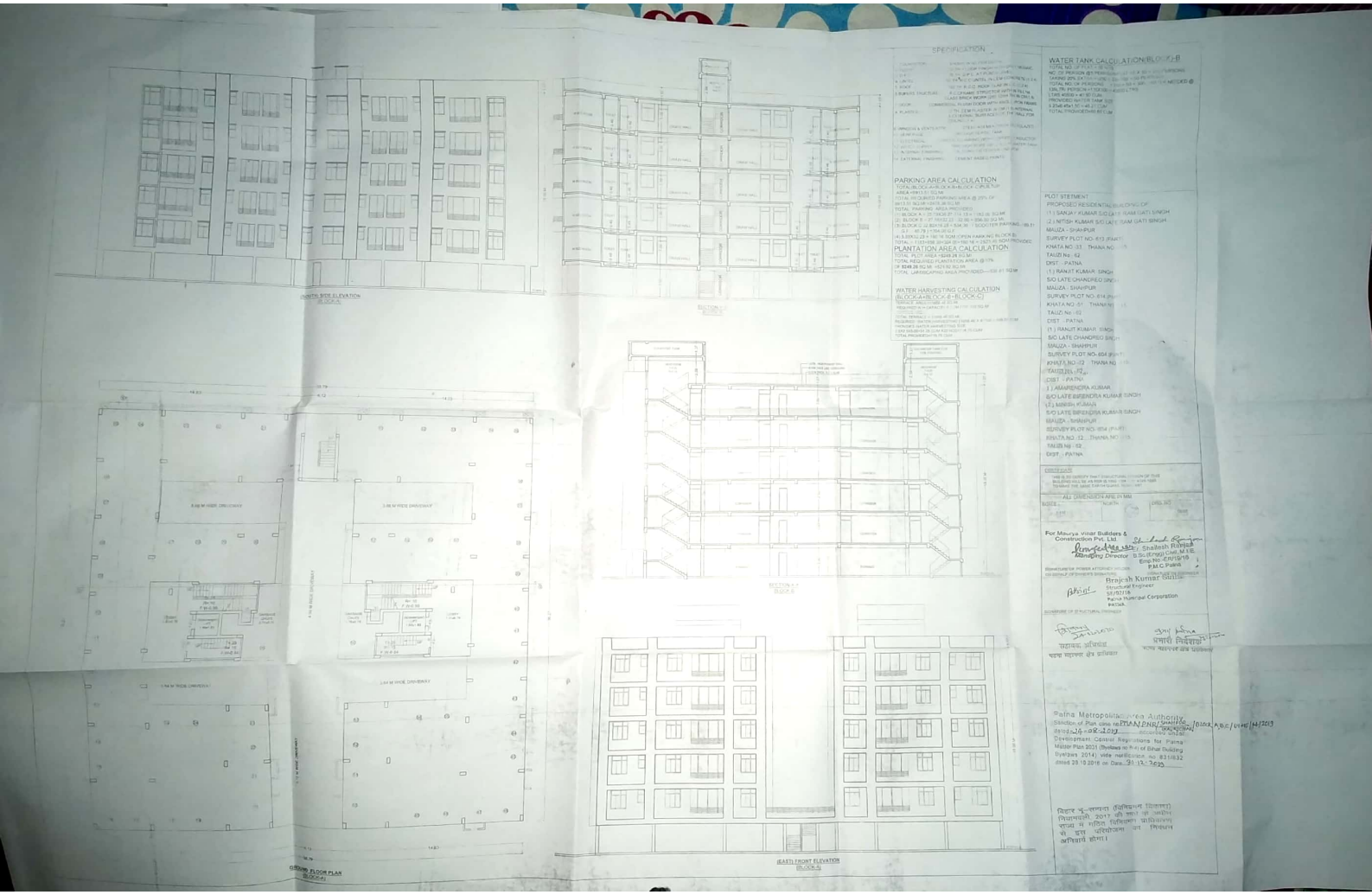

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SPECIFICATION -

FOUNDATION	SHOWN IN AS PER DETAIL
FLOOR	25 TH FLOOR FINISH WITH GREY MOSAIC.
D.P.C.	25 TH D.P.C AT PLINTH LEVEL
LINTEL	150 TH R.C.C UNTEL IN CEM CONCRETE (1:2:4)
ROOF	100 TH R.C.C ROOF SLAB IN C.C (1:2:4).
SUPERS TRUCTURE	R.C.C FRAME STRUCTOR WITH IN FILL 1st CLASS BRICK WORK (250 125m TH) IN CM(1:6)
DOOR	COMMERCIAL FLUSH DOOR WITH ANGLE IRON FRAME
PLASTER	12 TH CEM PLASTER IN CM (1:6) INTERNAL & EXTERNAL SURFACES OF THE WALL FOR CEILING (1:4)
WINDOW & VENTILATOR	STEEL ASEMENTWITH FULLYGLAZED
SEWERAGE	THROUGH SEPTIC TANK
ELECTRICAL	CONCEALED WIRING WITH COPPER CONDUCTOR
WATER SUPPLY	THROUGH BORE WELL & O.H. WATER TANK
INTERNAL FINISHING	OIL BOND DISTEMPER ONE POP
EXTERNAL FINISHING	CEMENT BASED PAINTS

PARKING AREA CALCULATION

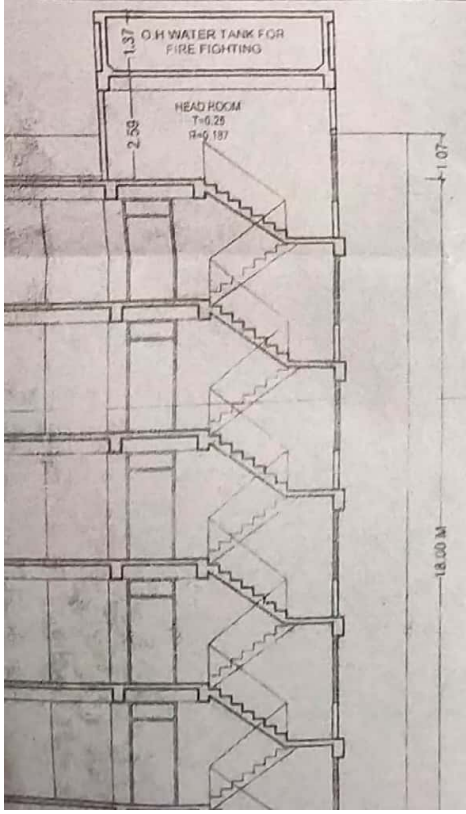
TOTAL(BLOCK-A+BLOCK-B+BLOCK-C)BUILTUP AREA =9913.51 SQ.Mt
TOTAL REQURIED PARKING AREA @ 25% OF 9913.51 SQ.Mt =2478.38 SQ.Mt
TOTAL PARKING AREA PROVIDED :-
(1) BLOCK A = 35.79X36.27-114.13 = 1183.00 SQ.Mt
(2) BLOCK B = 27.58X32.23 - 32.60 = 856.30 SQ.Mt.
(3) BLOCK C 32.82X16.28 = 534.30 - (SCOOTER PARKING -189.51 G.F. - 40.79) =304.00 G.F.
(4) 5.59X32.23 = 180.16 SQM (OPEN PARKING BLOCK B)
TOTAL = 1183+856.30+304.00+180.16 = 2523.46 SQM PROVIDED

PLANTATION AREA CALCULATION

TOTAL PLOT AREA =5249.26 SQ.Mt
TOTAL REQUIRED PLANTATION AREA @10% OF 5249.26 SQ.Mt =524.92 SQ.Mt
TOTAL LANDSCAPING AREA PROVIDED----530.61 SQ.Mt

WATER HARVESTING CALCULATION (BLOCK-A+BLOCK-B+BLOCK-C)

TERRACE AREA =11658.46 SQ.Mt
REQUIRED W.H CAPACITY 6 CUM FOR 100 SQ.Mt TERRACE AREA
TOTAL TERRACE = 11658.46 SQ.Mt
REQURIED WATER HARVESTING 11658.46 X 6 /100 = 699.50 CUM
PROVIDES WATER HARVESTING SIZE
2.5X2.5X5.00=31.25 CUM.X23 NOS=718.75 CUM.
TOTAL PROVIDED=718.75 CUM



WATER TANK CALCULATION(BLOCK)-B

TOTAL NO. OF FLAT = 50 NOS
NO. OF PERSON @5 PERRSON/FLAT =5 X 50 = 250 PERSONS
TAKING 20% EXTRA = (250 X 20)/ 100 = 50 PERSONS
TOTAL NO. OF PERSONS = 250 + 50 = 300 WATER NEEDED @ 135LTR/ PERSON =135X300 = 40500 LTRS
LTRS 40500 = 40.50 CUM
PROVIDED WATER TANK SIZE
5.23x6.45x1.50 = 46.21 CUM
TOTAL PROVIDED=50.60 CUM

PLOT STETMENT

PROPOSED RESIDENTIAL BUILDING OF
(1.) SANJAY KUMAR S/O LATE RAM GATI SINGH
(2.) NITISH KUMAR S/O LATE RAM GATI SINGH
MAUZA - SHAHPUR ,
SURVEY PLOT NO- 613 (PART)
KHATA NO -33 , THANA NO -115 ,
TAUZI No - 62 ,
DIST. - PATNA
(1.) RANJIT KUMAR SINGH
S/O LATE CHANDREO SINGH
MAUZA - SHAHPUR ,
SURVEY PLOT NO- 614 (PART)
KHATA NO -51 , THANA NO -115 ,
TAUZI No - 62 ,
DIST. - PATNA
(1.) RANJIT KUMAR SINGH
S/O LATE CHANDREO SINGH
MAUZA - SHAHPUR ,
SURVEY PLOT NO- 604 (PART)
KHATA NO -12 , THANA NO -115 ,
TAUZI No - 62 ,
DIST. - PATNA
1.) AMARENDRA KUMAR
S/O LATE BIRENDRA KUMAR SINGH
(2.) MINISH KUMAR
S/O LATE BIRENDRA KUMAR SINGH
MAUZA - SHAHPUR ,
SURVEY PLOT NO- 604 (PART)
KHATA NO -12 , THANA NO -115 ,
TAUZI No - 62 ,
DIST. - PATNA

CERTIFICATE
THIS IS TO CERTIFY THAT STRUCTURAL DESIGN OF THIS BUILDING WILL BE AS PER IS.1893-1984 & IS 4326-1993 TO MAKE THE SAME EARTH QUAKE RESISTANT

ALL DIMENSION ARE IN MM

SCALE :-	NORTH :-	DRG. NO. :-
1:100		02/07

For Maurya Vihar Builders & Construction Pvt. Ltd.

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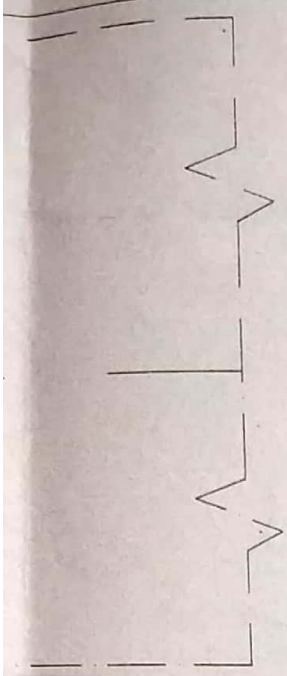

AREA CALCULATION

TOTAL PLOT AREA AS PER DEED ---------- 5676.80 SQ.Mt
TOTAL PLOT AREA AS PER SITE ---------- 5249.26 SQ.Mt

BLOCK-A

GROUND FLOOR BUILTUP AREA ---------- 114.13 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 1061.85 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 1061.85 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 1027.20 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 1027.20 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 1027.20 SQ.Mt
TOTAL BUILTUP AREA ---------- 5319.43 SQ.Mt

BLOCK-B

GROUND FLOOR BUILTUP AREA ---------- 32.84 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 676.63 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 681.24 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 681.24 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 681.24 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 681.24 SQ.Mt
TOTAL BUILTUP AREA ---------- 3434.43 SQ.Mt

BLOCK-C

GROUND FLOOR BUILTUP AREA ---------- 40.79 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 531.56 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 531.56 SQ.Mt
TOTAL BUILTUP AREA ---------- 1103.91 SQ.Mt
BLOCK C EXTRA B/UP AREA OF EWS./LIG 55.74 SQ.Mt

(BLOCK-A)+ (BLOCK-B)+ (BLOCK-C)

5319.43 SQ.Mt + 3434.43 SQ.Mt + 1103.91 SQ.Mt + 55.74SQMT
TOTAL BUILTUP AREA =9913.15 SQ.Mt

F.A.R =9913.51 SQ.Mt / 5249.26 SQ.Mt =1.88

F.A.R = 1.88

BLOCK-C
EWS BUILT UP AREA

GROUND FLOOR BUILTUP AREA ---------- 00.00 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 526.38 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 133.74 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 133.74 SQ.Mt
TOTAL BUILTUP AREA ---------- 793.86 SQ.Mt

LIG BUILT UP AREA

1ST FLOOR BUILTUP AREA ---------- 00.00 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 370.27 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 370.27 SQ.Mt
TOTAL BUILTUP AREA ---------- 740.54 SQ.Mt

AS PER BY LAWS REQUIRED EWS & LIG @ 7.5% (EACH) OF BUILT UP AREA
REQUIRED EWS AREA= 9857.77X0.075
= 739.33 SQ.M
REQUIRED LIG AREA= 9857.77X0.075
= 739.33 SQ.M
PROVIDED IN BLOCK C

EWS BUILT UP AREA = 793.86 SQMT
LIG BUILT UP AREA = 740.54 SQMT

PLOT STETMENT

PROPOSED RESIDENTIAL BUILDING OF
(1.) SANJAY KUMAR S/O LATE RAM GATI SINGH
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MAUZA - SHAHPUR ,
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KHATA NO -51 , THANA NO -115 ,
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S/O LATE CHANDREO SINGH
MAUZA - SHAHPUR ,
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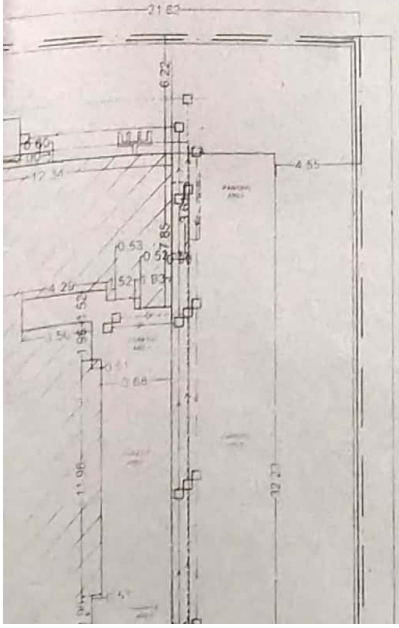

CERTIFICATE

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ALL DIMENSION ARE IN MM

SCALE 1:200 | NORTH | DRG. NO. 01/07

For Maurya Vihar Builders & Construction Pvt. Ltd.

Managing Director

SIGNATURE OF POWER ATTORNEY HOLDER
ON BEHALF OF OWNER'S SIGNATURE

Er. Shailesh Ranjan
B.Sc.(Engg) Civil, M.I.E
Emp.No.-ER/19/16
P.M.C.Patna

SIGNATURE OF ENGINEER

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