

FIRE LEGEND :-

01. HYDRANT OUT LET VALVE WET	.....
02. HOSE REEL	.....
03. SEMI-CONNECTED FOR FIRE	.....
04. ELECTRICALLY INSULATED METAL STRIP	.....
05. UNDER GROUND TANK OF 100,000 LTRS	.....
06. O.H.W. TANK FOR FIRE FIGHTING	.....
07. INDICATOR PANEL	.....
08. FIRE ALARM CALL POINT	.....
09. AUDIBLE ALARM CALL POINT	.....
10. LOUDSPEAKER OUTLET	.....
11. CO2 FIRE EXTINGUISHER	.....
12. FIRE RESISTANT DOOR	.....
13. AUTOMATIC SMOKE DETECTOR	.....
14. AUTOMATIC SPRINKLER INSTALLATION	.....
15. EMERGENCY LIGHT	.....

RAIN WATER HARVESTING CALCULATION:-

BLOCK - A & B
REQUIRED 6 cum RECHARGING PIT/ TRENCH VOLUME
PER 100 SQM OF TERRACE AREA
SO, TERRACE AREA = 1948.39 SQM
NEEDED VOLUME OF RECHARGING PIT =
(1948.39/100) X 6 = 116.90 CUM
PROVIDED VOLUME OF RECHARGING PIT =
1. 7.00 X 3.50 X 2.50 = 61.25 CUM
2. 7.00 X 3.50 X 2.50 = 61.25 CUM

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	CLL	HEIGHT	DESCRIPTION
D1	1.07	0.0	2.13	SINGLE LEAF DOOR
D2	0.91	0.0	2.13	SINGLE LEAF DOOR
D3	0.78	0.0	2.13	SINGLE LEAF DOOR
W1	1.22	0.76	1.78	FULLY GLAZED WND
W2	0.91	1.08	1.46	FULLY GLAZED WND
W3	0.61	4.78	0.76	FULLY GLAZED WND
W4	1.07	0.76	1.78	FULLY GLAZED WND
W5	2.44	0.00	2.50	SLIDING DOOR

AREA CALCULATION :-

PLOT AREA AS PER DEED = 8280.65 SQ.M.
PLOT AREA TAKEN FOR FAR= 8280.65 SQ.M.
AND (AS PER DEED)
TOTAL B.U. AREA ALL FLOOR = 20397.13 SQ.M.
F.A.R. = (TAKEN PLOT AREA) / 8280.65 = 2.463
BLOCK - A
BASEMENT 1 FLOOR B.U. AREA = 211.28 SQ.M.
BASEMENT 2 FLOOR B.U. AREA = 211.28 SQ.M.
COMMERCIAL AREA
GROUND FLOOR B.U. AREA = 2208.33 SQ.M.
1ST FLOOR B.U. AREA = 2407.89 SQ.M.
2ND FLOOR B.U. AREA = 2468.54 SQ.M.
RESIDENTIAL AREA
3RD FLOOR B.U. AREA = 1327.81 SQ.M.
4TH FLOOR B.U. AREA = 1445.35 SQ.M.
5TH FLOOR B.U. AREA = 1445.35 SQ.M.
6TH FLOOR B.U. AREA = 1445.35 SQ.M.
7TH FLOOR B.U. AREA = 1445.35 SQ.M.
8TH FLOOR B.U. AREA = 1445.35 SQ.M.
9TH FLOOR B.U. AREA = 1445.35 SQ.M.
10TH FLOOR B.U. AREA = 1445.35 SQ.M.
11TH FLOOR B.U. AREA = 1445.35 SQ.M.
TOTAL B.U. AREA ALL FLOOR = 20397.13 SQ.M.

15% OF TOTAL B.U.P. AREA = 20397.13 X 15% = 3059.56 SQ.M.
B.U.P. AREA REQUIRED FOR EWS/LIG ON
AREA DEDICATED FOR EWS/LIG ON

BLOCK - B (EWS/LIG)
1ST FLOOR B.U. AREA = 385.43 SQ.M.
2ND FLOOR B.U. AREA = 385.43 SQ.M.
3RD FLOOR B.U. AREA = 385.43 SQ.M.
4TH FLOOR B.U. AREA = 385.43 SQ.M.
5TH FLOOR B.U. AREA = 385.43 SQ.M.
6TH FLOOR B.U. AREA = 385.43 SQ.M.
7TH FLOOR B.U. AREA = 385.43 SQ.M.
8TH FLOOR B.U. AREA = 385.43 SQ.M.
TOTAL B.U. AREA ALL FLOOR = 3083.44 SQ.M.

GREEN AREA CALCULATION :-

Total Net Plot Area = 8280.65 sq.m.
Green Space Area %Reqd = 8280.65 x 15% = 1242.097 sq.m.
Total Provided Green Space = 1242.097 sq.m.

PARKING CALCULATION:-
PROPOSED RESIDENTIAL PARKING
CAR PARKING FOR COMMERCIAL = 30%
COMMON AREA = 23.88% X 15% = 3552.08 SQ.M.
B.U. AREA FOR CAR PARKING = 19928.49 SQ.M.
GROSS CAR PARKING = 19928.49 X 30% = 5978.547 SQ.M.
REQUIRED TOTAL CAR PARKING AREA = 5978.547 SQ.M.

BASEMENT FLOOR PARKING AREA
BASEMENT AREA 1 = 5129.27 SQ.M.
BASEMENT AREA 2 = 5129.27 SQ.M.
TOTAL AREA = 10258.54 SQ.M.
PROVIDED PARKING AREA = 10258.54 SQ.M.

WATER TANK CALCULATION:-
PROPOSED RESIDENTIAL WATER TANK
BLOCK - A
TOTAL B.U. AREA = 7506.52 SQM
TOTAL CARPET AREA = 3753.26 sqm.
6 SQM PER PERSON
TOTAL NO. OF PERSON = 3753.26 / 6 = 625.54 person.
PER PERSON REQD. = 4.5 ltr/day
TOTAL REQD. AREA OF WATER TANK = 625.54 X 4.5 = 2814.93 ltr.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 76 X 5 = 380 PERSON
PER PERSON REQD. AREA = 135 ltr/day
TOTAL REQD. AREA OF WATER TANK = 380 X 135 = 51300 ltr.
FIRE WATER TANK = 25000.0 ltr.
TOTAL REQD. AREA OF WATER TANK =
(R+FW)(51300+25000) = 76300 ltr.
PROVIDED AREA OF WATER TANK SIZE =
1. 4.83x2.51x2.13x0.15x1000 = 28822 LTRS.
2. 5.92x2.24x2.13x0.15x1000 = 28345 LTRS.
TOTAL PROVIDED WATER TANK CAPACITY = 56067 LTRS.

BLOCK - B
TOTAL NO. OF FLAT = 48 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 48 X 5 = 240 PERSON
PER PERSON REQD. AREA = 135 ltr/day
TOTAL REQD. AREA OF WATER TANK = 240 X 135 = 32400 ltr.
FIRE WATER TANK = 25000.0 ltr.
TOTAL REQD. AREA OF WATER TANK =
(R+FW)(32400+25000) = 57400 ltr.
PROVIDED AREA OF WATER TANK SIZE =
1. 4.83x2.51x2.13x0.15x1000 = 28822 LTRS.
2. 5.92x2.24x2.13x0.15x1000 = 28345 LTRS.
TOTAL PROVIDED WATER TANK CAPACITY = 56067 LTRS.

SEPTIC TANK CALCULATION:-
PROPOSED RESIDENTIAL SEPTIC TANK
BLOCK - A
TOTAL B.U. AREA = 7506.52 SQM
TOTAL CARPET AREA = 3753.26 sqm.
6 SQM PER PERSON
TOTAL NO. OF PERSON = 3753.26 / 6 = 625.54 person.
PER PERSON REQD. = 0.085 qb./m.day
TOTAL REQD. AREA OF SEPTIC TANK = 625.54 X 0.085 = 53.17 qb.m/day
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 76 X 5 = 380 PERSON
PER PERSON REQD. AREA = 0.085qb.m./day
TOTAL REQD. AREA OF SEPTIC TANK = 380 X 0.085 = 32.3 qb.m.
TOTAL REQD. OF SEPTIC TANK = 32.3 qb.m.
AREA OF SEPTIC TANK SIZE = 5.00X2.50 X 2.50 = 31.25 qb.m.
TOTAL PROVIDE AREA OF SEPTIC TANK = 31.25 qb.m.

BLOCK - B
TOTAL NO. OF FLAT = 48 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 48 X 5 = 240 PERSON
PER PERSON REQD. AREA = 0.085qb.m./day
TOTAL REQD. AREA OF SEPTIC TANK = 240 X 0.085 = 20.4 qb.m.
TOTAL REQD. OF SEPTIC TANK = 20.4 qb.m.
AREA OF SEPTIC TANK SIZE = 5.00X2.50 X 2.50 = 31.25 qb.m.
TOTAL PROVIDE AREA OF SEPTIC TANK = 31.25 qb.m.

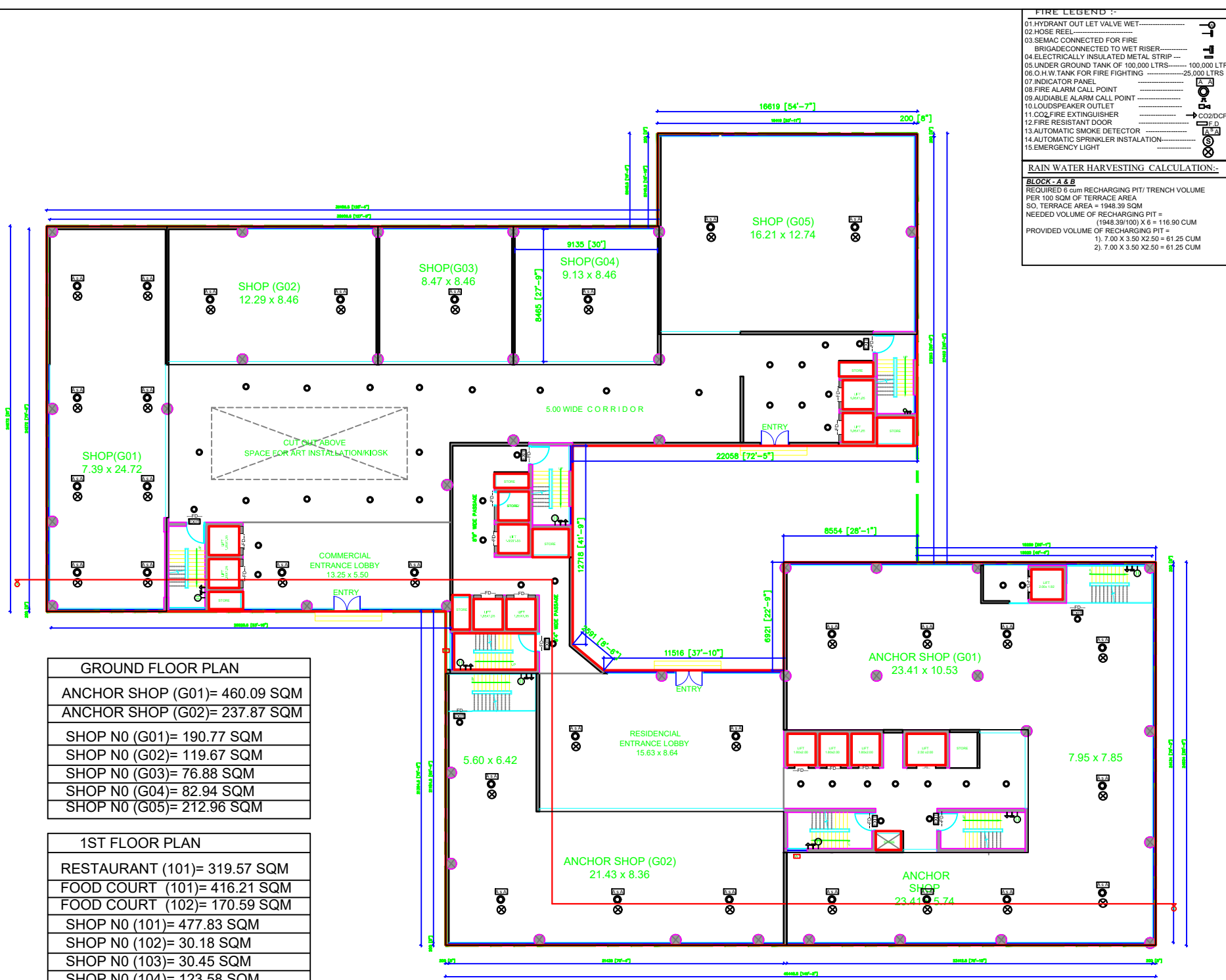
PLOT DETAILS :-
PROPOSED B1+B2+G+11 & B1+B2+8 COMMERCIAL cum,
RESIDENTIAL BUILDING FOR
BUILDER & DEVELOPERS :-
BUILDERSQUARE CONSTRUCTION PRIVATE LIMITED
ADD:- NALA ROAD, DEV COMPLEX, MACHAUOLI,
PATNA-800016, BIHAR
DIRECTOR:-
(1) RAJ LAKSHMI SINGH,
(2) SANDHYA TIWARY,
(3) RUDRAKASH SHUKLA,
EXPRESS TOWERS PRIVATE LIMITED
ADD:- 476, FRONT OF YAMAHA SHOWROOM, BAILEY ROAD,
RUKUNPURA, PATNA-800014
DIRECTOR:-
(1) MITHILESH KUMAR,
(2) SHUBHANKER RAI,

NAME OF LANDOWNER:-
(1) SMT. KAMLA DEVI, (2) SRI. ARUN KUMAR,
(3) SRI. AMIT PRASAD, (4) SRI. DEEPAK KUMAR,
(5) SRI. SANJIV CHAUDHARY, (6) SRI. JAMUNA PRASAD,
(7) SMT. VIDYAWATI DEVI, (8) SRI. RAJESH KUMAR,
(9) SRI. VIKASH KUMAR, (10) SRI. VIVEK KUMAR,
(11) SRI. RAJEEV KUMAR, (12) SMT. REKHA,
(13) SRI. MANISH KUMAR, (14) SRI. BINAY KUMAR,
(15) SRI. ARUN KUMAR CHOUHARY & SRI. AJIT KUMAR CHOUHARY,
(16) RATNESH PRASAD,
(17) SRI. VINOD KUMAR & SRI. PRAMOD KUMAR,
(18) SRI. SANJIV KUMAR & SRI. SUSHIL PRASAD,
(19) SRI. UPENDRA SINGH,
(20) SRI. MUKESH KUMAR,
(21) SRI. LAURENCE KUMAR,
(22) SRI. BIBHU KUMAR,
(23) SRI. JITENDRA SINGH,
(24) SURENDR KUMAR SINHA,
(25) ARVIND KUMAR SINGH,
(26) HARENDRA KUMAR SINGH,
(27) SRI. ARUN KUMAR SINGH,

MAUZA- MUSTAFAPUR, PS - KHAGAU, THANA NO- 36,
TAUZI NO - 5276, SURVEY PLOT NO - 723,724,725,726,754,
755 & 756
KHATA NO - 239,241,245,246,251,254,273,276
DANAPUR, DISTRICT - PATNA.

SHEET NO.	SCALE.	NORTH.
NPDN-61/08	1 : 100 1 : 200	

SIGNATURE OF OWNER, SIGNATURE OF ARCHITECT.



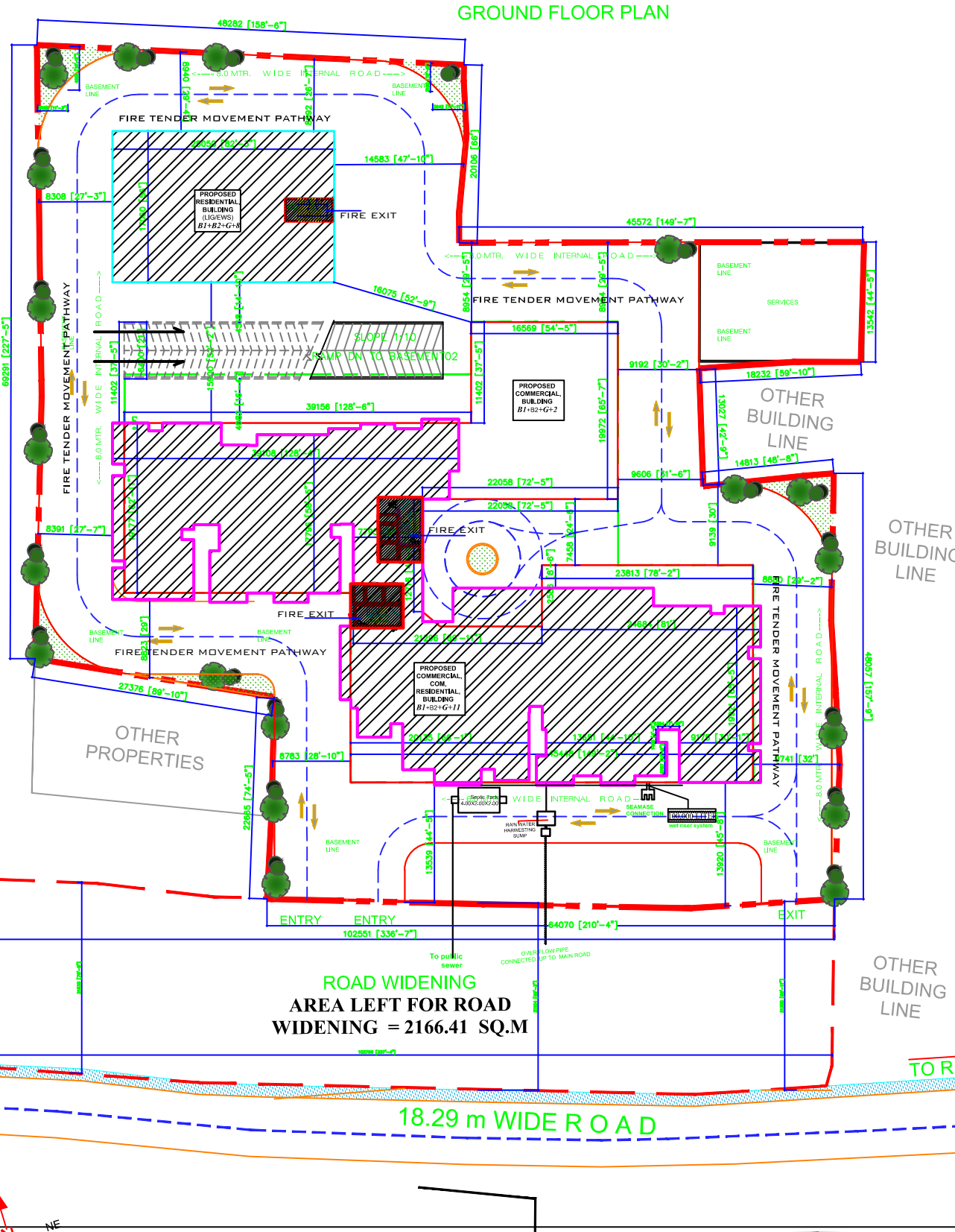
GROUND FLOOR PLAN
ANCHOR SHOP (G01)= 460.09 SQM
ANCHOR SHOP (G02)= 237.87 SQM
SHOP N0 (G01)= 190.77 SQM
SHOP N0 (G02)= 119.67 SQM
SHOP N0 (G03)= 76.88 SQM
SHOP N0 (G04)= 82.94 SQM
SHOP N0 (G05)= 212.96 SQM

1ST FLOOR PLAN
RESTAURANT (101)= 319.57 SQM
FOOD COURT (101)= 416.21 SQM
FOOD COURT (102)= 170.59 SQM
SHOP N0 (101)= 477.83 SQM
SHOP N0 (102)= 30.18 SQM
SHOP N0 (103)= 30.45 SQM
SHOP N0 (104)= 123.58 SQM
SHOP N0 (105)= 110.40 SQM
SHOP N0 (106)= 76.76 SQM
SHOP N0 (107)= 76.76 SQM

2ND FLOOR PLAN
OFFICE (201)= 674.42 SQM
OFFICE (202)= 478.37 SQM
OFFICE (203)= 524.18 SQM
CANTEEN (201)= 251.47 SQM

3RD FLOOR PLAN
CLUB HOUSE (301)= 603.14 SQM

BLOCK A
SHOP N0 = (10)
RESTAURANT = (01)
FOOD COURT = (02)
OFFICE NO = (03)
CANTEEN NO = (01)
CLUB HOUSE NO= (01)
4 BHK NO = (17)
3 BHK NO = (42)
2 BHK NO = (17)
BLOCK B
2 BHK NO = (24)
1 BHK NO = (24)



ROAD WIDENING
AREA LEFT FOR ROAD
WIDENING = 2166.41 SQ.M

18.29 m WIDE ROAD

