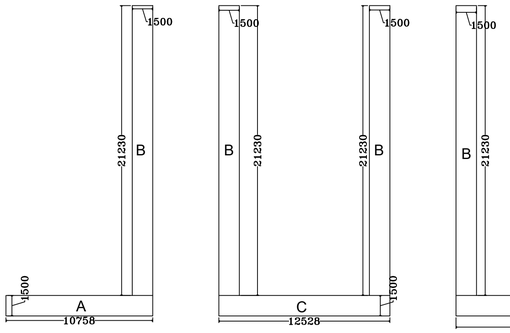
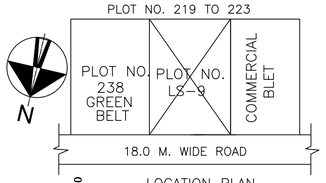
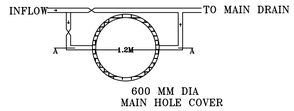


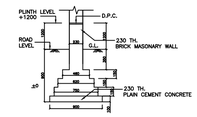
ENVELOPE PLAN FOR BALCONY

BALCONY AREA CALCULATION		
(A)	= 10.758X 1.500X2	= 32.274 SQM.
(B)	= 1.500X21.230X4	= 127.380 SQM.
(C)	= 12.528X 1.500	= 18.792 SQM.
	TOTAL	= 178.446 SQM.

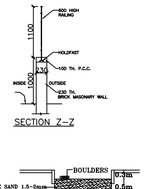


LOCATION PLAN

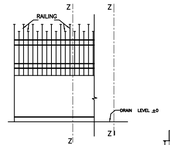




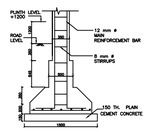
FOUNDATION DETAIL



SECTION Z–Z



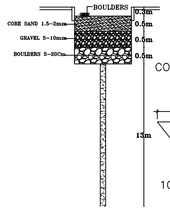
TYPICAL ELEVATION OF BOUNDARY WALL

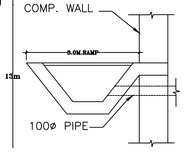


FOUNDATION DETAIL OF R.C.C. COLUMNS

LANDSCAPED AREA CALCULATION				
(SL1)	= 5.137 X 21.230 X 2		= 218.117 SQM.
(SL2)	= 40.465 X 0.811		= 32.817 SQM.
(SL3)	= 51.000 X 1.400		= 71.400 SQM.
(SL4)	= 32.610 X 0.956		= 31.175 SQM.
	TOTAL		= 353.509 SQM.

SURFACE PARKING AREA CALCULATION		
(P1)	= 51.000 X 4.494	= 229.194 SQM.
(P2)	= 4.385 X 39.781X2	= 348.879 SQM.
	TOTAL	= 578.073 SQM.





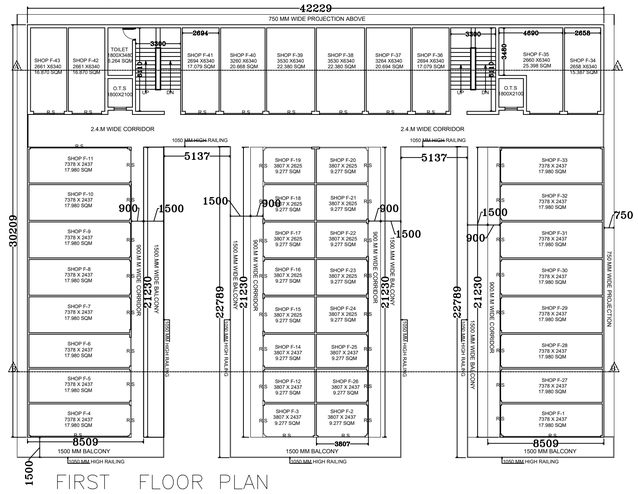
CULVERT DETAIL

ARVIND KUMAR TRIPATHI Digitally signed by ARVIND KUMAR TRIPATHI

Rajesh Sharma Digitally signed by Rajesh Sharma Date: 2023.05.08 12:13:39 +05'30'

Sudheer Kumar Digitally signed by Sudheer Kumar Date: 2023.05.20 17:08:02 +05'30'

FAR AREA
PARKING AREA
FREE FAR
ADD FAR



FIRST FLOOR PLAN

	STAIR	BALCONY	MUMTY	A F.A.R	B FREE F.A.R	C 15% ADD FAR	(A+B+C) TOTAL
BASEMENT –1	20.163			1331.315		20.163	1351.478
BASEMENT –2					1373.287		1373.287
GROUND	20.163	178.446		914.663	178.446	20.163	1113.272
FIRST	20.163	178.446		914.663	178.446	20.163	1113.272
SECOND	20.163	178.446		914.663	178.446	20.163	1113.272
THIRD	20.163	178.446		636.449	178.446	20.163	835.058
TERRACE			47.895			47.895	47.895
TOTAL	100.815	713.784	47.895	4711.753	2087.071	148.710	6947.534

AREA CHART

TOTAL PLOT AREA =51.220X46.020= 2356.000 SQM.
MAX. COVERED AREA PERMISSIBLE AT GROUND FLOOR @ 40 % =942.400 Sq.M.
MAX. PERMISSIBLE F.A.R = @ 200 = 4712.00 Sq.M.
PROPOSED COVERED AREA ON BASEMENT FLOOR–2 =1373.287 SQM.
PROPOSED COVERED AREA ON BASEMENT FLOOR–1 =1351.478 SQM.
PROPOSED COVERED AREA ON GROUND FLOOR = 934.826 SQM.
PROPOSED COVERED AREA ON FIRS FLOOR = 934.826 SQM.
PROPOSED COVERED AREA ON SECOND FLOOR = 934.826 SQM.
PROPOSED COVERED AREA ON THIRD FLOOR = 656.612 SQM.
PROPOSED COVERED AREA ON TERRACE = 87.895 SQM.
PROPOSED COVERED AREA ON BALCONY = 713.784 SQM.

PROPOSED COVERED AREA ON ALL FLOOR FAR =
1331.315+914.663+914.663+914.663+636.449=4711.753 SQM.

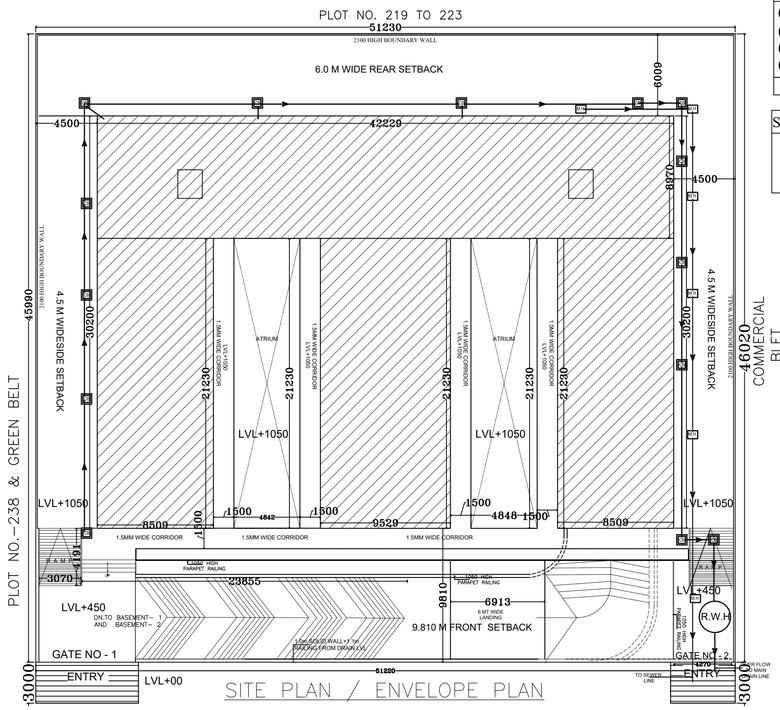
TOTAL PROPOSED COVERED AREA ON ALL FLOOR
FAR+ADD.FAR+FREE FAR =
4711.753+148.710+2087.071=6947.534 SQM.

PROPOSED ADD–15% OF FAR = 148.710 SQM.

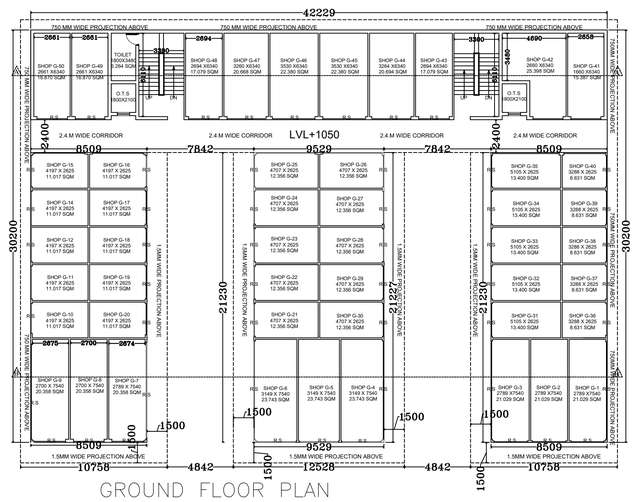
PERMISSIBLE ADD–15% OF FAR = 706.800 SQM.

PARKING & LANDSCAPING DETAILS

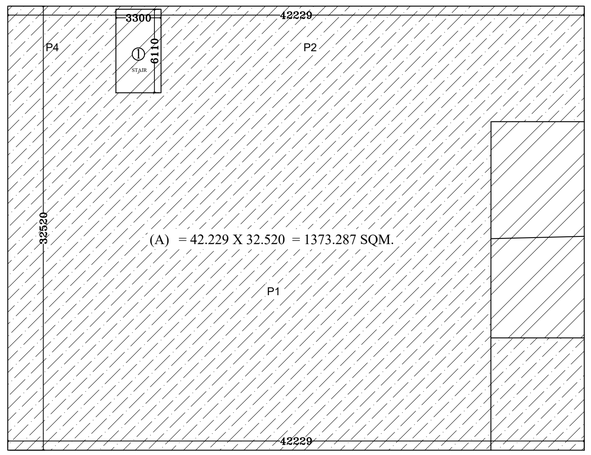
TOTAL PLOT AREA =2356.00 SQM.
TOTAL PERMISSIBLE F.A.R AREA =4712.00 SQ.M.
PARKING REQD. ONE PARKING PER 50.0 SQM. COVD. AREA
=4712.00/50.0=94.240 SAY 94 ECS
TOTAL CAR REQUIRED=94 ECS
SPACE REQD. FOR ONE CAR PARKING(SURFACE)=20.0 SQM.
(P1) = 51.000 X 4.494 = 229.194 SQM.
(P2) = 4.385 X 39.781X2 = 348.879 SQM.
TOTAL = 578.073 SQM.
TOTAL CAR PARKING PROPOSED AREA SURFACE=P1+P2
=229.194+348.879 = 578.073 SQM.
SURFACE CAR PARKING FOR = 578.073/20= 29 CAR
SPACE REQD. FOR ONE CAR PARKING(STACK)=18.0 SQM.
CAR PARKING PROPOSED IN BASEMENT
CAR PARKING PROPOSED B–P1=36.169X 26.720 =966.435 SQ.M.
CAR PARKING PROPOSED B–P2=19.318X 6.340 =122.476 SQ.M.
CAR PARKING PROPOSED B–P3= 7.468X 3.480X2 = 51.977 SQ.M.
CAR PARKING PROPOSED B–P4= 5.438X 5.860 = 31.866 SQ.M.
CAR PARKING PROPOSED B–P5= 5.438X 2.860 = 15.552 SQ.M.
TOTAL CAR PARKING PROPOSED AREA BASEMENT FLOOR
BP1+BP2+BP3+BP4+BP5=
966.435+122.476+51.977+31.866+15.552 = 1188.306 SQ.M.
STACK CAR PARKING FOR = 1188.306/18 = 66 CAR
TOTAL PROPOSED CAR PARKING SURFACE+STACK
=1188.306+578.073 =1766.379 SQ.M.
TOTAL PROPOSED CAR PARKING SURFACE+STACK= 66+29 =95 CAR
TOTAL OPEN AREA =2356.00 – 942.386 = 1413.614 SQ.M.
AS FOR EACH 100.0 SQ.M. OF OPEN AREA
ONE NO.TREE IS REQUIRED
SO NUMBER OF TREES REQUIRED FOR= 1413.614 SQ.M.
OF OPEN AREA = 1413.614/100 = 14.136 SAY 14 TREES
NUMBER OF TREES PROPOSED
= 7 NO. EVERGREEN TREES (ASHOKA – COMMON VARIETY)
+ 8 NO. EVERGREEN TREES(JAKARANDA – COMMON VARIETY)
TOTAL 15 NOS OF TREES PROPOSED
SOFT LANDSCAPED AREA REQD.=25% OF 1413.614=353.404 SQM.
PROPOSED SOFT LANDSCAPED AREA SL1+SL2+SL3+SL4
218.117+32.817+71.400+31.175 = 353.509 SQ.M.
TOTAL PROP.SOFT LANDSCAPED AREA = 353.509 SQ.M.



SITE PLAN / ENVELOPE PLAN

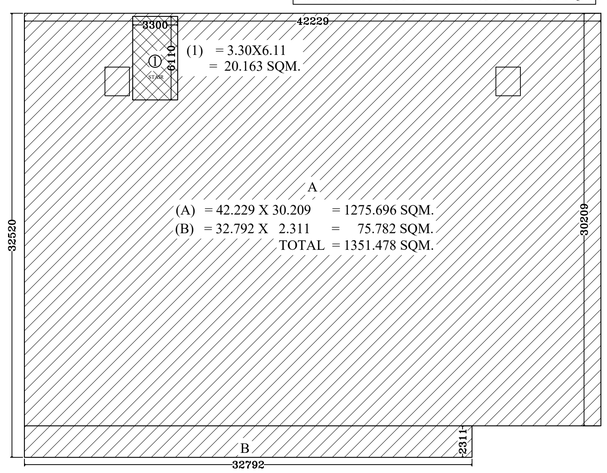


GROUND FLOOR PLAN

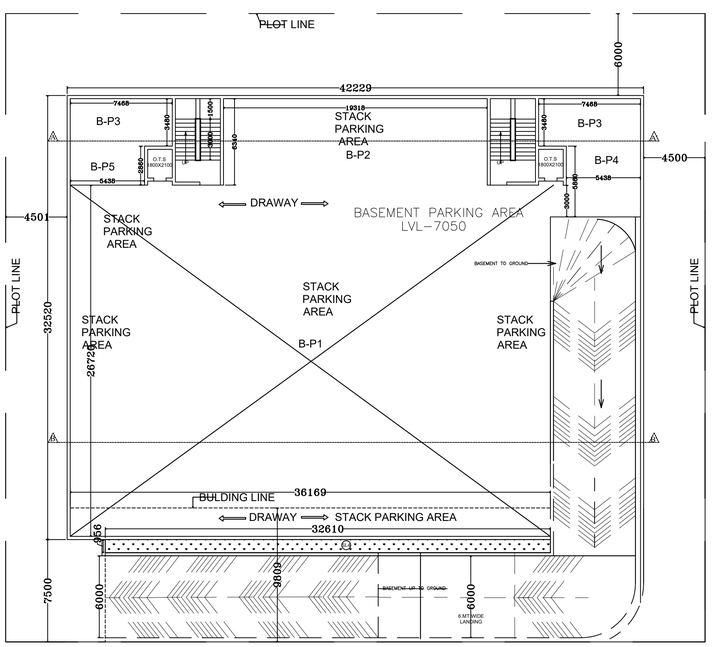


ENVELOPE FLOOR PLAN FOR BASEMENT–2

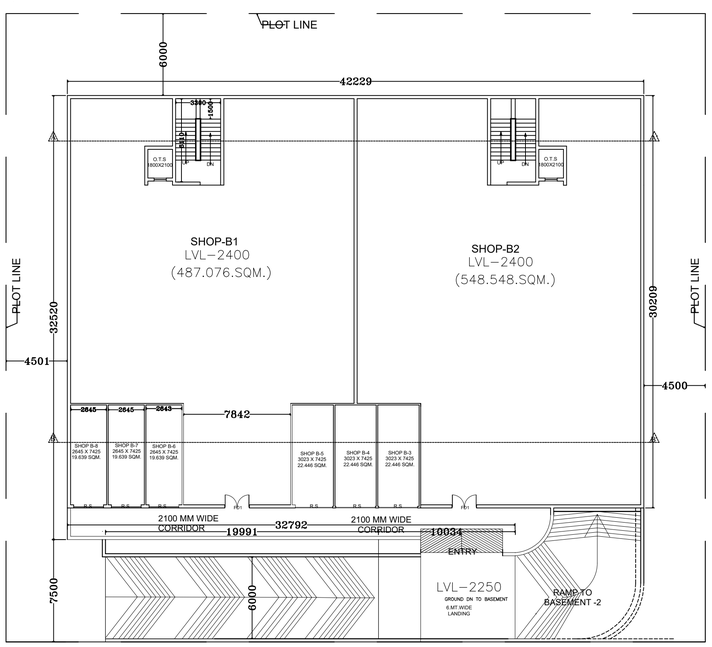
AREA CALCULATION BASEMENT -1
15% ADD FAR
(1) = 3.300 X 6.110 = 20.163 SQM.
F.A.R AREA = 1351.478 - 20.163 = 1331.315 SQM.



ENVELOPE FLOOR PLAN FOR BASEMENT–1



FLOOR PLAN BASEMENT–2



FLOOR PLAN BASEMENT–1

OWNER/PROP.'s SIGNATURE
RISHI GOEL
Digitally signed by RISHI GOEL
DN: c=IN, st=Uttar Pradesh, 2.5.4.20=43b1186f6f5b118be0392d55a3af47aca4abdc661abdfaec36f041d1ddbc0f4112, postalCode=201308, street=A-48 SIGMA-1 GREATE RNOIDA, pseudonym=6cce76e07a95735502ddd577e5182ee3, serialNumber=79bacb50f865df75918f5e6a93772cc45b83c4b85f2519bd85925e94578117311, ou=PROJECT, o=NAVDURGA BUILDCON PRIVATE LIMITED, cn=RISHI GOEL
Date: 2023.05.01 12:25:25 +05'30'

ARCHITECT's SIGNATURE
BUSHRA HASAN
Digitally signed by BUSHRA HASAN
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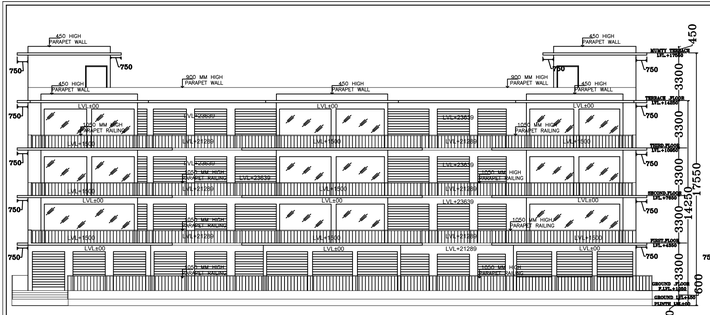
Date: 2023.05.01 12:21:11 +05'30'

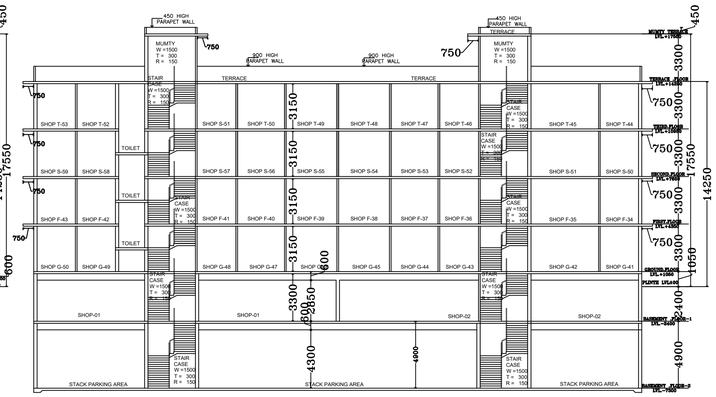
NORTH
N

SUBMISSION DRAWING OF
BUILDING FOR M/S.–
PLOT NO.– LS–9
SECTOR–36
GREATER NOIDA (U.P.)

SHEET – 01
DATE SEPTEMBER 2022
DRAWING NO.



FRONT ELEVATION



SECTION AT A–A

SECTION AT B–B'

OPENING SCHEDULE		
FD1	1800 x 2400	DOOR
FD2	1500 x 2400	DOOR
D1	900 x 2400	DOOR
D2	750 x 2100	DOOR
V	900 x 600	VENTILATOR

ELECTRICAL LOAD=20.0 KVA

INDEX FOR FIRE FIGHTING

SYMBOL	DESCRIPTION
	UNDERGROUND WATER TANK FOR FIRE FIGHTING (AS INDICATED IN SITE PLAN)
	MANUALLY OPERATED FIRE ALARM SYSTEM
	YARD HYDRANT
	FIRE HOUSE REEL
	DOWN COMMER
	WET RISER
	TERRACE TANK

AREA CALCULATION
GROUND ,FIRST & SECOND FLOOR

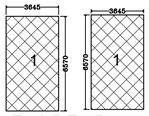
(A) = 42.229 X 8.970 = 378.794 SQM.
(B) = 9.529 X 21.230 = 202.300 SQM.
(C) = 8.509 X 21.230 X 2 = 361.292 SQM.
TOTAL = 942.386 SQM.
OPEN AREA
a= 8.509 X 21.230 X 2 = 7.560 SQM.
COVD AREA =942.386-7.560 = 934.826 SQM.
15% ADD FAR
(1) = 3.300 X 6.110 = 20.163 SQM.

F.A.R AREA = 934.826 - 20.163 = 914.663 SQM.

AREA CALCULATION THIRD FLOOR

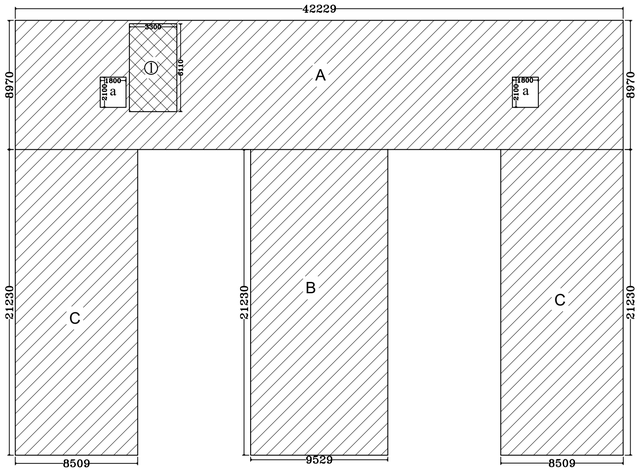
(A) = 42.229 X 6.570 = 277.444 SQM.
(B) = 6.708 X 21.230X2 = 284.822 SQM.
(C) = 7.729 X 13.185 = 101.906 SQM.
TOTAL = 664.172 SQM.
OPEN AREA
a= 8.509 X 21.230 X 2 = 7.560 SQM.
COVD AREA =664.172-7.560 = 656.612 SQM.
15% ADD FAR
(1) = 3.300 X 6.110 = 20.163 SQM.

F.A.R AREA = 656.612 -20.163 = 636.449 SQM.

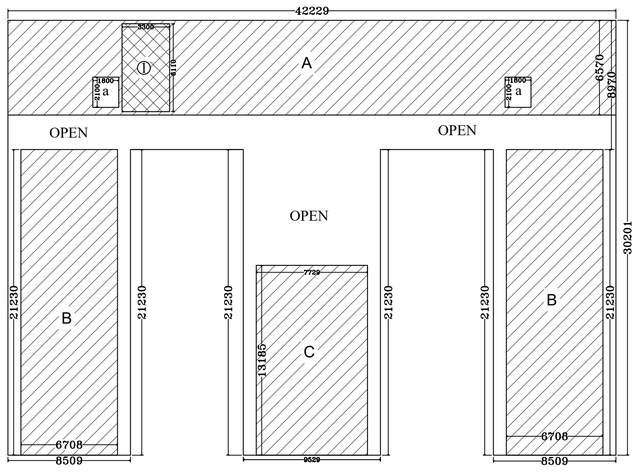


ENVELOPE PLAN FOR
(1)= 3.645 X 6.570 X 2 = 47.895 SQM.
MUMTY AREA CALCULATION

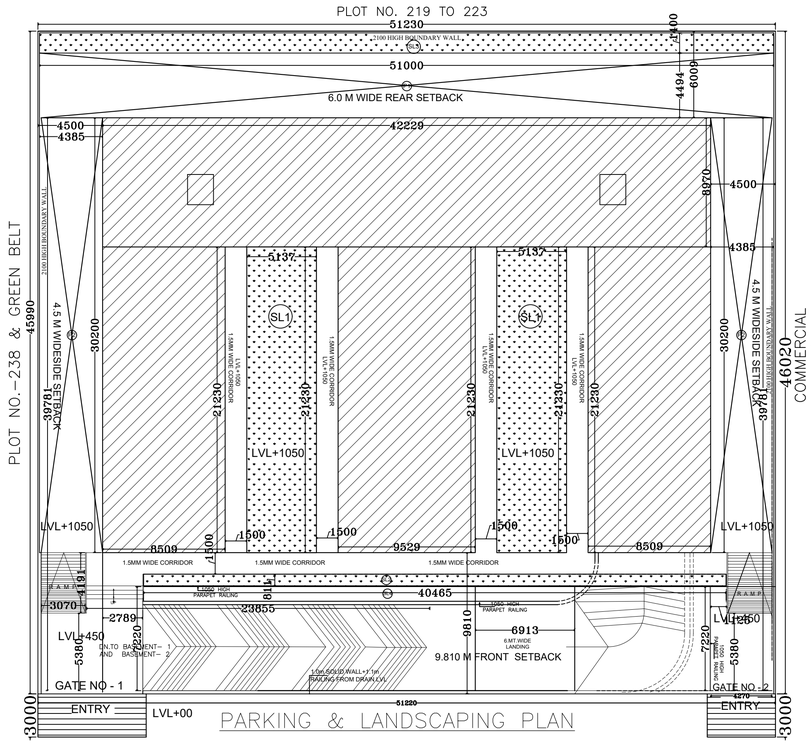
MUMTY TERRACE



ENVELOPE PLAN FOR
GROUND, FIRST & SECOND FLOOR



ENVELOPE PLAN FOR THIRD, FLOOR

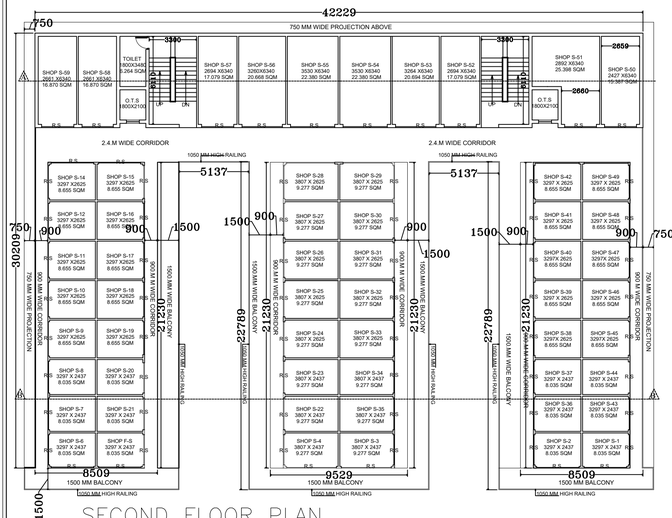


PARKING & LANDSCAPING PLAN

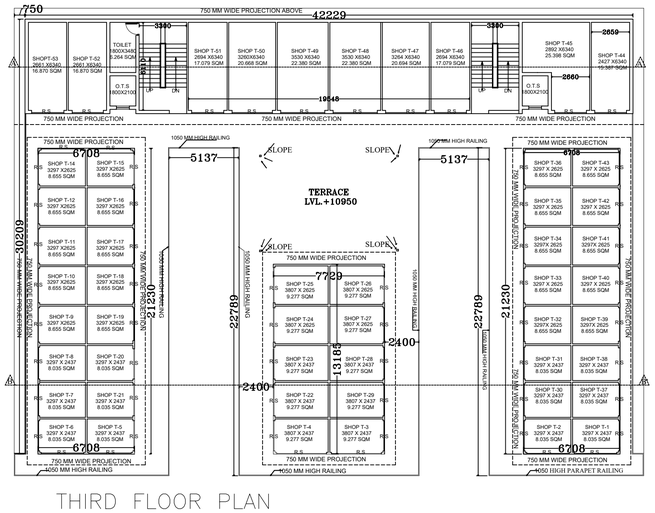
ARVIND KUMAR TRIPATHI Digitally signed by ARVIND KUMAR TRIPATHI

Rajesh Sharma Digitally signed by Rajesh Sharma Date: 2023.05.08 12:15:41 +05'30'

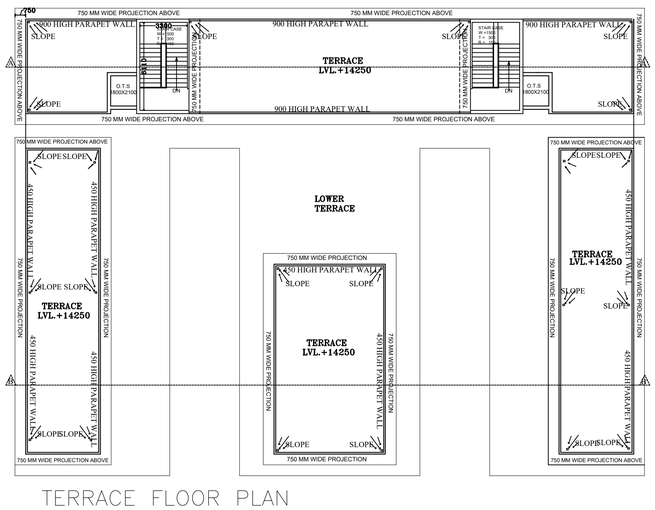
Sudheer Kumar Digitally signed by Sudheer Kumar Date: 2023.05.20 17:08:53 +05'30'



SECOND FLOOR PLAN



THIRD FLOOR PLAN



TERRACE FLOOR PLAN

SUBMISSION DRAWING OF
BUILDING FOR M/S.–
PLOT NO.– LS–9
SECTOR–36
GREATER NOIDA (U.P.)

OWNER/PROP.'s SIGNATURE
RISHI GOEL
Digitally signed by RISHI GOEL
DN: c=IN, st=Uttar Pradesh, 2.5.4.20=43018698b18be0392d55a3af47acaf4abdc661ab8faec36f041d1ddbc0f4112, postalCode=201308, street=A-48 SIGMA-1 GREATER NOIDA, pseudonym=6cce76e07a95735502ddd577e5182e63, serialNumber=79bacb5f865df75918f5e6a93772cc45b83c4b857521fb8f592c94578117311, ou=PROJECT, o=NAVDURGA BUILDCON PRIVATE LIMITED, cn=RISHI GOEL
Date: 2023.05.01 12:24:09 +05'30'

ARCHITECT's SIGNATURE
BUSHRA HASAN
Digitally signed by BUSHRA HASAN
DN: c=IN, st=Uttar Pradesh, 2.5.4.20=14d6e438b48cc8bcefeaca90a959924ecf563b46d866f2bac8703d8c2aa4b4ab, postalCode=201310, street=House no 29 green wood officer wel socity p3, pseudonym=5b41b7ad5968d1d8669d841f4139cf28, serialNumber=a731cc10bbca63014bd8b10b2dc7b499ccccb160747826e20facd83d529f98d1ce, o=Personal, cn=BUSHRA HASAN
Date: 2023.05.01 12:22:01 +05'30'

NORTH

SHEET – 01
DATE SEPTEMBER 2022
DRAWING NO.