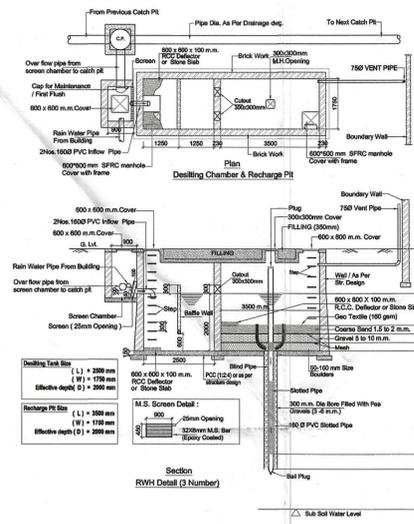


Greater Noida Industrial Dev. Authn.
REVISED SANCTION
 Being Issued From Dated: 16/09/2022
 Valid up to Date: 30/09/2022
 (Planning)
 Csr. Manager (Png. & Arch.)

24.00M WIDE ROAD



This drawing is a "COPYRIGHT" contents of this drawing or part thereof may not be used or reproduced without the permission of the Architect

ARCHITECT SIGN: M/S ARHAM ESCON PRIVATE LIMITED
 OWNER SIGN: [Signature]

LEGENDS :-

[Pattern]	F.A.R AREA
[Pattern]	COUNTED IN 15% F.A.R AREA
[Pattern]	STILT NON-FAR AREA
[Pattern]	COMMERCIAL AREA
[Pattern]	GREEN AREA
[Pattern]	NON-FAR AREA

PROJECT :- ARHANT GROUP HOUSING AT SECTOR-1, GREATER NOIDA WEST

DESIGN OF DRAIN LINE (OUT - 1)

Rainfall intensity (i)	= 25 mm/hour
Coefficient of Runoff (C)	= 0.28
Area of Drainage district	= 0.53 Hectare
Total Site Discharge	= 10°CFA = 77 Cu M / Hour or 21.36 Lit/sec

Drain Pipe Design

Final Drain Pipe Dia Selected	= 300 mm
Slope (1 in ...)	= 500

Drain Design as per Manning Formula

$$V = \frac{3.986 \times 10^3 \times D^{0.54} \times S^{0.58}}{n}$$

Actual Pipe Capacity (Q) at 100% flow = 51.08 m³/sec
 Actual Pipe Capacity at 100% flow = 51.08 Lit/sec

Total Site Discharge = 21.36 Lit/sec
 Actual Pipe Capacity at 100% flow = 51.08 Lit/sec
 Total Site discharge is less the pipe capacity, hence 300 mm Pipe Dia is OK

DESIGN OF DRAIN LINE (OUT - 2)

Rainfall intensity (i)	= 25 mm/hour
Coefficient of Runoff (C)	= 0.28
Area of Drainage district	= 0.53 Hectare
Total Site Discharge	= 10°CFA = 77 Cu M / Hour or 21.36 Lit/sec

Drain Pipe Design

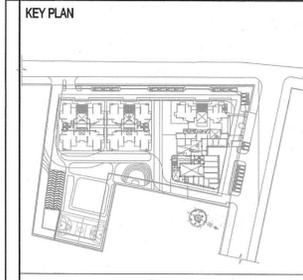
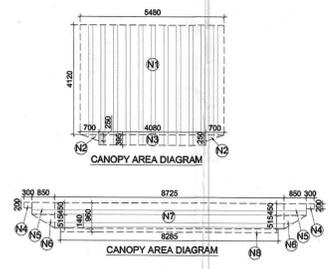
Final Drain Pipe Dia Selected	= 300 mm
Slope (1 in ...)	= 500

Drain Design as per Manning Formula

$$V = \frac{3.986 \times 10^3 \times D^{0.54} \times S^{0.58}}{n}$$

Actual Pipe Capacity (Q) at 100% flow = 51.08 m³/sec
 Actual Pipe Capacity at 100% flow = 51.08 Lit/sec

Total Site Discharge = 21.36 Lit/sec
 Actual Pipe Capacity at 100% flow = 51.08 Lit/sec
 Total Site discharge is less the pipe capacity, hence 300 mm Pipe Dia is OK



SUBMISSION DRAWINGS

OWNER: M/S ARHAM ESCON PVT LTD.

PROPOSED GROUP HOUSING AT, PLOT NO.- GH-02A/1, SECTOR-01, GREATER NOIDA, GAUTAM BUDDH NAGAR (U.P.)

DATE	PROJECT INCH.	CHECKED BY
24-05-2022	BALRAJ SINGH	BALRAJ SINGH
SCALE	DEALT BY	APPROVED BY
1:100	RAVINDER	VISHAL SHARMA

DRAWING TITLE: SITE PLAN

ARCHITECTS: Confluence

B-421, NFC, N.D-46, INDIA
 Ph: +91-11-29216008, 29216009
 Email: info@confluence.com, www.confluence.com
 Member of IBCG, ISO - 9001 : 2009

DRAWING NO. S-02

TREE SCHEDULE

SYMBOL / KEY	BOTANICAL NAME	COMMON NAME	QUANTITIES	DISCRPTION
[Symbol]	BAUHINIA VARIEGATA	KACHNAR	40	DECIDUOUS TREE
[Symbol]	THEVETIA PERUVIANA	KANER	40	EVERGREEN TREE
TOTAL TREE			80	

REQUIRED PARKING FOR RESIDENTIAL (A) = 1ECS PER 80 SQM OF PER. F.A.R AREA = 38683.117 / 80 = 483.539 (SAY) = 484 ECS PARKING

REQUIRED PARKING FOR COMMERCIAL (B) = 1ECS PER 50 SQM OF PER. F.A.R AREA = 1.953 / 50 = 7.439 (SAY) = 7 ECS PARKING

TOTAL REQUIRED PARKING (A + B) = 491 ECS PARKING

PROPOSED PARKING:-

PROPOSED AREA FOR SURFACE PARKING = 14 X 20 = 280.00 SQMT.
 PROPOSED PARKING AT SURFACE = 14 ECS —(1)

PROPOSED CAR PARKING IN BASEMENT -1 = 218 ECS —(2)

PROPOSED CAR PARKING IN BASEMENT -2 = 179 ECS —(3)

PROPOSED MECHANICAL CAR PARKING IN BASEMENT -2 = 84 ECS —(4)

TOTAL PARKING PROPOSED = (1) + (2) + (3) + (4) = 14 + 218 + 179 + 84 = 495 ECS

Table No. - 4
 (see regulation 24.2, 24.3, 24.4, 24.5, 24.6, 24.7)

Area under canopy on building other than residential building on plots

S.No.	Plot size (in square metre)	Maximum area under canopy (sq sqmtrs.)
1	Up to 150	Nil
2	Above 150 upto 500	Nil (12m min side setback)
3	Above 500 upto 1000	25
4	Above 1000 upto 2000	40
5	Above 2000 upto 4000	55
6	Above 4000 upto 10,000	70
7	Above 10,000 upto 30,000	85
8	Above 30,000 upto 40,000	100
9	Above 40,000	115

Explanation: Minimum width/radius of canopy shall be 1.8 mtrs.