

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.	M.H.	MANHOLE
2.	[Red line with circles]	SEWER LINE
3.	[Red dashed line]	BYPASS SEWER LINE
4.	[Blue square]	C.P.
5.	[Blue line]	UNDER GROUND DRAIN
6.	[Purple line]	RAIN WATER HARVESTING
7.	[Green line]	RECYCLED WATER SUPPLY PIPE LINE
8.	[Purple line]	RISE MAIN WATER PIPE LINE
9.	[Orange line]	MUNICIPAL WATER SUPPLY PIPE LINE
10.	[Circle with cross]	ISOLATING VALVE
11.	[Circle with cross in square]	MASONRY CHAMBER FOR ISOLATING VALVE
12.	[Circle with dot]	PROPOSED TUBE WELL
13.	[Black line]	BASEMENT LINE
14.	[Orange circle]	GARDEN HYDRANT

LEGEND : FIRE SYSTEM

S. No.	SYMBOL	DESCRIPTION
1.	[Red dashed line]	FIRE LINE
2.	[Circle with YH]	YARD HYDRANT 80 MM DIA. SINGLE HEADED HYDRANT VALVE WITH 2 NO. 1.5 IN. LONG, 38 MM DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE
3.	[Circle with dots]	FIRE BRIGADE CONNECTION
4.	[Circle with X]	BUTTERFLY VALVE
5.	[Circle with vertical line]	NONRETURN VALVE (CHECK VALVE)
6.	[Circle with X in square]	ISOLATING VALVE WITH MASONRY CHAMBER

Rev. no.	Date	Revision

Project
GROUP HOUSING @ KAARYAN,
GHAZIABHAD, UP

Title
SITE PLAN

Subtitle
EXTERNAL COMBINED SERVICES

Drawing released for
 APPROVAL SUBMISSION
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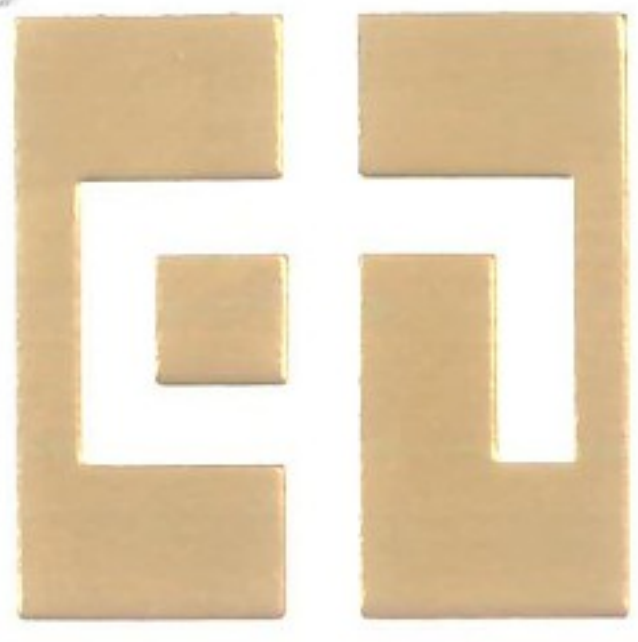
Drng. no. KAARYAN / EX / S-05 Drawn by Kulwant

Scale 1 : 350 Designed by R.K.

Date Aug. 2025 Checked by R.K.

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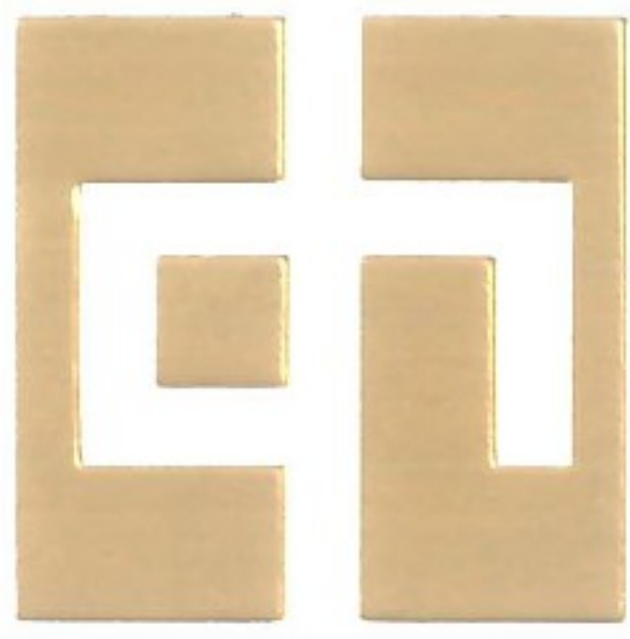
CIN No.: U45309DL2020PTC361289

Development Work Details

S.No	Development Work Name	Details (Quantitative and Qualitative)
1	Demarcation of Plots	Demarcated the Group Housing Project Plot Area 22,065 Sq.mtr (After Road Widening) at khasra no. 939,940,948,949,950,954,955&956 village- Mehrauli, NH-09 (old-NH-24), Ghaziabad, U.P-201001, The Plans of which has been approved by Ghaziabad Development Authority (GDA).
2	Boundary Wall	Length- 716.04m Height- 2.4m material used- RCC, Brick, Stone, Metal type (brick, RCC, fencing)
3	Road Work	Total road length 340Sq.mtr. and width 9 Mtr. Efficient Road Network for Smooth Connectivity between the Various Housing Blocks within the Project premises has been proposed as given in the sanctioned Plan.
4	Footpaths	Length 1300 mtr. And Width 1.2 mtr. Development of Pathways for Smooth Pedestrian Movement, Brick Type-Concreate/ Grass Pavers as per Design.
5	Water Supply Including Drinking Water Facilities	No.of water connection 01, tank capacity 330 KLD, No.of hydrants 08, Source of water- Municipal, Treatment method- Filtration method, compliance with quality standards- yes
6	Sewer System	Length of sewer line= 220 m, pipe size=250dia, 12 nos. manhole, Design = manning formula, gravity system network provided.
7	Drain	Length of drain=600m, width= 300 dia & 400 dia, type=storm/ surface, manning formula/ disposal method.
8	Parks	2867.38 sqm green Area in parks & other different places, 130 trees & other landscaping features like benches, lights etc.
9	Tree Planting	130 trees, types/species- Champa @2.5m c/c, Neem @5m c/c, Pilkhan @5m c/c, Saptparni @5m c/c, Maulshri @5m c/c, Conocorpus @2.5m c/c, Bottle Brush @3 m c/c
10	Design for Electric Supply Including Street Lighting	Number of poles- 98, transformer =4x1600 KVA
11	Community Buildings	Number- 01 purpose (hall, crèche)- hall, crèche facilities- multipurpose hall
12	Treatment and Disposal of Sewage and Sullage Water	STP capacity (370 KLD), 02 module, MBBR technology, regulatory compliance-yes

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13	Solid Waste Management and Disposal System	Estimated waste (2856.67 kg/day), number of bins 19 ; The local vendors will be hired to provide separate-colored bins for dry recyclables and BioDegradable waste, biodegradable waste will be converted to manure & non biodegradable waste disposal through approved govt. agency , door-to-door collection system collection method
14	Water Conservation System	06 No, desilting storm water chamber size (2.5x1.75x2.25)m, Recharge pit size (3size of harvesting pits, recharge wells; water-efficient fixtures, reuse/recharge strategy, system efficiency
15	Energy Management System (Renewable Energy)	40 kW solar capacity with 80 panels over rooftop
16	Fire Protection and Fire Safety System	08 nos. hydrants, fire exits provided as per NBC, automatic sprinklers system, NBC compliance- yes, fire safety training will be provided
17	Social Infrastructure and Public Health Services	Public toilet, health facility, first aid kit etc.
18	Emergency Evacuation Services	Number of evacuation points-06 road widths- 9m fire tender path signage count-20 route plan- safety measures- as per NBC public awareness system- as per NBC
19	Other Miscellaneous Work	Benches in landcsape, signage

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