

SERVICE ESTIMATE & PLANS

FOR

**PROPOSED DEMARCATION PLAN FOR AFFORDABLE
PLOTTED COLONY (UNDER DEEN DAYAL JAN AWAS
YOJNA-2016) OVER AN AREA MEASURING 12.10625 ACRES
IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR,
SECTOR-73, G.M.U.C., DISTT. GURUGRAM**

**LICENSED AREA: 12.10625 ACRES
(UNDER LIC. NO. 36 OF 2021,
DATED 15/07/2021)**

**DEVELOPERS: M/S BARNEET SINGH S/O RAO NARBIR SINGH C/O
AB REALTY PVT.LTD.261/18 CIVIL LINES, GURUGRAM**

ESTIMATE FOR PROVIDING INTERNAL DEV. WORKS IN 12.10625 ACRES AREA TO BE DEVELOPED BY M/S BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT.LTD.261/18 CIVIL LINES,GURUGRAM , UNDER “DDJAY POLICY-2016” OF REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73,G.M.U.C.,DISTT.GURUGRAM(HARYANA).

REPORT

Behrampur is a town and Municipality in Gurugram District of Haryana state is situated on Delhi-Jaipur National Highway No.8, at a distance of about 30 KM from Delhi. Included in the National Capital Region. The town is developing fast. In order to relieve the growing pressure of population in National Capital of Delhi, it was decided by the Haryana Govt. to establish various Residential, Industrial and other Infrastructure Sectors in Gurugram town including in areas bordering the National Capital Delhi. Consequently, a lot of industrial and residential development is taking place in Gurugram.

The Govt. of Haryana notified a policy dated 8.2.2016 named as ‘Affordable Plotted Housing Policy for Low and Medium Potential Towns’ known as “Deen Dayal Jan Awas Yojana” under the provisions of Section 9A of the Haryana Development and Regulation of Urban Areas Act, 1975. Under this policy, License No. 36 of 2021 dated 15/07/2021, for an area of 12.10625 acres, originally granted by the Director Town & Country Planning Deptt. Haryana in favour of M/S BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT.LTD.261/18 CIVIL LINES,GURUGRAM for development of an area of 12.10625 acres in revenue estate of Village Behrampur, Sector-73, g.m.u.c., distt. Gurugram (Haryana).

This service estimate has been prepared for execution of “Internal Development Works” in the area covered under this license.

I. WATER SUPPLY:

i) SOURCE & WATER WORKS:

The source of water supply in this area is Tube wells as the underground water in this area is potable and fit for human consumption. Water is available at a reasonable depth. The average yield of tube wells with 60’-80’ strainer is about 5000 gallons per hour or about 22.50 KL/Hr. It has been proposed to drill 2 nos. tube well, which is adequate to meet the daily demand of fresh water of the colony with 8 hours working daily till ultimately HSVP (HUDA) water supply is made available for which EDC is being paid. Since, it is a small colony in an area of only 12.10625 acres, no. OHSR exclusively for this area is proposed. However, in lieu of OHSR storage, provision for an Underground Water Storage Tank (UGT) of higher capacity i.e. of 1/2 day's water requirement has been made in the estimate instead of 1/3 day's requirement.

ii) DESIGN:

The scheme has been designed for a total population of 2704 persons for a daily water allowance of 150 LPCD with 15% UFW, and also taking in to account the water demand of community & commercial areas of the colony. The pipe lines for distribution network have been designed with Hazen

William formula with value of “C” as 100. Peak factor of 2.25 has been taken in to consideration as per guidelines.

iii) PUMPING MACHINERY:

It has been proposed to install submersible pumping set in the Tube well as worked out. For pumping water from UGT provision for two nos. pumps of same capacity and head has been made in the estimate. Out of two pumps, one no. pump will be act as standby. Each of the two pumps proposed will be capable of supplying daily demand of fresh water to the colony with 8 hours per day working. Provision for DG Set of required capacity has also been made.

II. SEWERAGE SCHEME:

The sewer lines have been designed running half-full for sewer lines as all the lines are of less than 400 mm dia and @ three times average DWF in relation to water supply demand. It has been assumed that about 80% of the water supply shall find its way into the proposed sewers. Sewer lines shall be laid to a gradient so that minimum self-cleansing velocity is maintained. Necessary provision for laying SW Pipe sewer, construction of manholes and vent shafts etc. has been made in the estimate.

The design statement for sewerage system has been prepared and attached with the estimate. Manning’s formula has been used for the design of sewerage system.

In keeping with the policy of the Govt., provision has also been made for required capacity STP.

III. TREATED EFFLUENT RE-USE/RE-CIRCULATION SYSTEM:

It is also proposed to re-use/re-circulate the “Treated Water Effluent” obtained from the STP for flushing purposes in residential houses & commercial buildings & to meet the horticulture & roads cleaning requirements, for which purposes design & provision for “Treated Effluent Distribution Network” has been made in the estimate.

The demand has been worked out @ 45 LPCD for flushing in residential houses & @ 30% of daily water demand for commercial & community buildings & demand for parks & greens, roads as required.

The “Treated Effluent Distribution Network” has been designed using Hazen Williams formula with value of “C” as 100. Peak factor of 2.25 has been taken considering 8 hours pumping/supply of treated effluent daily.

IV. STORM WATER DRAINAGE:

RCC NP3 Pipe drains have been proposed to carry the storm water in to the trunk mains of HSVP with provision made for RWH structures. The intensity of rainfall has been taken as ¼” per hour. A minimum size of varying from 400mm dia to 500mm dia RCC NP3 pipe running full has been proposed. Manning’s formula has been used for the design of storm water system.

V. ROADS:

Roads have been proposed all around the area and the estimate has been prepared as per prevailing specifications by HSVP.

VI. STREET LIGHTING:

Provision for street light has been made on all the roads and other such places wherever required.

VII. HORTICULTURE:

Estimate and details of plantation, landscaping, signage etc. has been included.

SPECIFICATIONS:

The work will be carried out in accordance with the standard specifications as laid down by Haryana Govt. /HSVP.

RATES:

The estimate has been prepared on the rates as per recently approved estimates.

COST:

The total cost of the estimate including cost of all services works out to **Rs. 854.24 lakh** including 3% contingencies and 49% departmental Charges; including price escalation, unforeseen & administrative charges.

**LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016
OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR,
SECTOR-73, G.M.U.C., DISTT. GURUGRAM.**

ESTIMATED DAILY WATER REQUIREMENT

1.0 DOMESTIC & FLUSHING WATER REQUIREMENTS

S. NO.	DESCRIPTION OF BUILDING	NO. OF PERSONS	DOMESTIC WATER		FLUSHING WATER	
			LPCD	LPD	LPCD	LPD
1	Total No. of plot = 195 nos.	@ 13.5 persons / plot = 2633 persons	105	276465	45	118485
2	Commercial block					
a	Shops (Ground)					
	Fixed person	11	25	275	20	220
	Visitors	99	5	495	10	990
a	Shops (First)					
	Fixed person	6	25	150	20	120
	Visitors	49	5	245	10	490
3	Milk booth	2	25	50	20	40
4	Vegetable booth	2	25	50	20	40
	TOTAL			277730		120385
	Add 10% floating population			27773		12038.5
	TOTAL			305503		132423.5
	SAY			306m³/day		133m³/day

Note : For calculations for no. of persons for commercial block refer Annexure-A.

2.0 FILTER BACKWASH REQUIREMENTS

Sl. No.	DESCRIPTION	DOMESTIC WATER		FLUSHING WATER
		LPD		LPD
1	Filter backwash for WTP =307m ³ /day/8 hr = 38.375/60= 0.640 m ³ /min Say 650 lpm @ 15 min./day	9750	-	
	TOTAL	9750	-	
	SAY	10m³/day	-	

3.0 HORTICULTURE WATER REQUIREMENTS

Sl. No.	DESCRIPTION	DOMESTIC WATER	IRRIGATION WATER
		LPD	LPD
1	Green area = 3960 sq.m @ 6 litres/day/sq.m	-	23760
	TOTAL	-	
	SAY	-	25m³/day

4.0 SUMMARY DOMESTIC WATER REQUIREMENTS

a)	For Bath & Wash Basins	-	306m ³ /day
b)	For Filter Backwash Water	-	10m ³ /day
	TOTAL	-	316m³/day

5.0 FLUSHING WATER REQUIREMENTS

a)	For WC's	-	133m ³ /day
	TOTAL	-	133m³/day

6.0 IRRIGATION WATER REQUIREMENTS

a)	For irrigation	-	25m ³ /day
	TOTAL	-	25m³/day

7.0 WATER STORAGE

a)	Domestic underground water tank of capacity	=	316m³
----	--	---	-------------------------

This tank will be divided in two equal compartments namely raw water tank & treated water tank each of capacity 155m³/day.

b)	Flushing underground water tank of capacity	=	133m³
----	--	---	-------------------------

Flushing water tank will be integral part of proposed STP and will be proposed within the STP.

8.0 CALCULATIONS FOR CAPACITY OF SEWAGE TREATMENT PLANT

8.1	80% domestic water requirement (306 m ³ /day)	-	245 m ³ /day
8.2	100% flushing water requirement (134 m ³ /day)	-	133 m ³ /day
	Total	-	378 m ³ /day
	Say	-	400 KLD

ANNEXURE-A

CALCULATIONS OF POPULATION DETAILS-COMMERICAL BLOCK

S. NO.	DESCRIPTION OF BUILDING	QTY.	NO. OF PERSONS		
1	Commercial area Note: As there is no information available in sanction plan regarding shopping area We have Considered G+1 Ground – shops First floor-shops	1			Total Plot area=1959.581Sq.m
					FAR @ 33% of total plot area=646.66 sq.m Shop area (Ground floor)=323.33 sq.m @ 1 person/ 3 sq.m = 107.77 persons Say = 110 persons
					10% for fixed = 11 persons
					90% for visitors = 99 persons
					Shop area (First floor) =323.33 sq.m @ 1 person/ 6 sq.m = 53.88 persons Say = 55 persons
					10% for fixed = 6 persons
					90% for visitors = 49 persons

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

FINAL ABSTRACT OF COST

NAME OF WORK	DESCRIPTION	COST (Rs. In Lacs)	
SUB WORK NO. I.	WATER SUPPLY	125.24	
SUB WORK NO. II.	SEWERAGE	152.72	
SUB WORK NO. III.	STORM WATER DRAINAGE	83.51	
SUB WORK NO. IV.	ROAD AND FOOTPATHS	178.28	
SUB WORK NO. V.	STREET LIGHTS	46.45	
SUB WORK NO. VI.	PARKS AND HORTICULTURE	7.08	
SUB WORK NO. VII.	MAINTAINANCE	260.96	
	TOTAL	854.24	Lakh
	Cost / Gross Area (In lacs / Acre)	70.56	Lakh

**ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY
UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE
REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)**

SUB WORK NO. I						WATER SUPPLY	
SUB HEAD NO. 1						HEAD WORKS	
Sl. No.	Description	Qty.	Unit	Rate	Amount		
				(Rs. In lacs)	(Rs. In lacs)		
1	Drilling and installing 510 mm i/d tube well with reverse/direct rig complete with pipe and strainer upto a depth of 125 M BGL, complete in all respects.	2	Nos.	7.00	14.00		
2	Construction of Pump Chamber of suitable size to accommodate machinery of Boosting Station & 1 no. TW.	2	Nos.	2.50	5.00		
3	Construction of footpaths, lawns etc. as required at site, boundary wall and gate around water works site.	1	each	1.00	1.00		
4	Construction of RCC UGT of 310.00 KL i.e. 70000 Glns capacity, complete in all respects, including cost of pipes etc.	310	KL	0.06	18.60		
5	Provision, laying, jointing & testing DI/HDPE/PVC pipes including cost of excavation, refilling etc. complete in all respects.	290	RM	1000.00	2.90		
6	Provision for carriage of material and other unforeseen items.	1	L.S.	0.50	0.50		
				Total:	42.00		

**ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY
UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE
ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)**

SUB WORK NO. I

WATER SUPPLY

SUB HEAD NO. 2

PUMPING MACHINERY

Sl. No.	Description	Qty.	Unit	Rate	Amount
				(Rs. In lacs)	(Rs. In lacs)
1	Providing and installing electrically driven submersible pumping sets on TWs, equipped with 10 BHP motors & capable of delivering about 18 KL of water per hour against a total head of 70 M complete with motor and all other accessories	1	each	2.50	2.50
2	Provision for automatic type chlorination plant complete in all respects	1	each	2.00	2.00
3	Providing and installing Vertical in line type pump set with SS casing, SS impeller and SS shaft suitable for operation on 400/440 volts, 3 phase 2900 RPM, TEFC electric motor mounted on a common channel base plate with coupling guard, 150mm dia pressure gauge, GM isolation cock and cement concrete foundation with plaster complete as required. (Domestic pump= Cap.1300 LPM at 40 M head ,2 Nos.)	2	each	4.40	8.80
4	Provision for pipes, valves and specials inside the pump chamber for booster pumps.	2	each	0.75	1.50
5	Provision for electric service connection and electric fittings in the tubewell-cum-boosting chamber.	1	each	1.00	1.00
6	Provision for DG Set: Capacity Rating 50 KVA	1	each	7.50	7.50
7	Provision for carriage of material and other unforeseen items	L.S.		0.70	0.70
				Total:	24.00

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

SUB WORK NO. I		WATER SUPPLY			
		DISTRIBUTION SYSTEM / RISING MAINS			
SUB HEAD NO. 3					
Sl. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Providing, laying, jointing, testing and commissioning DI K-7 Pipes including cost of excavation, refilling etc. complete in all respects.				
i)	100 mm i/d	3575	RM	1200.00	4290000.00
ii)	150 mm i/d	590	RM	1575.00	929250.00
2	Providing, fixing, testing and commissioning of D/F Sluice Valves including cost of brick masonry chamber complete in all respects.				
a)	100 mm i/d	14	Each	8000.00	112000.00
b)	150 mm i/d	7	Each	10000.00	70000.00
3	Providing, fixing, testing and commissioning of Air Valves & Scour Valves including cost of brick masonry chamber complete in all respects.	21	Each	7000.00	147000.00
4	Providing, fixing, testing and commissioning of indicating plates for Sluice Valves & Air Valves.	42	Each	1000.00	42000.00
5	Provision for cutting of roads and making good to its original condition.		LS	100000.00	100000.00
6	Provision for Rising Main from HSVP water supply main line to UGT, 100 mm i/d.	130	RM	1800.00	234000.00
				Total:	59,24,250.00
			Say:	Rs.	59.24
					Lac

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

SUB WORK NO. II					
				SEWERAGE	
Sl. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs. In lacs)
1	Providing, lowering, jointing and cutting SW pipes in to trenches including cost of excavation, bed concrete including const. of manholes and vent etc.complete as standard sections.				
	<u>Size.</u> <u>Depth</u>				
	i) 150 mm i/d. 0-2 M BGL.	600	RM	1,200.00	7,20,000.00
	i) 200 mm i/d. 0-2 M BGL.	650	RM	1,500.00	9,75,000.00
	i) 250 mm i/d. 0-2 M BGL.	450	RM	2,500.00	11,25,000.00
2	Provision for providing oblique junctions or lamps holes for house connections		L.S.		5,00,000.00
3	Provision for timbering etc		L.S.		2,00,000.00
4	Provision for providing and fixing vent shafts at suitable places as per HSVP requirements		L.S.		1,50,000.00
5	Provision for Const. of STP area under this estimate:	400	KLD	10,000.00	40,00,000.00
6	Provision for laying of PVC/HDPE/DI Rising Main/Distribution System from STPs for flushing/horticulture requirements & disposal of surplus effluent to HSVP Sewers:				
a.	<u>Treated effluent Rising Main from STPs to HSVP Sewer-cum Treated effluent Distribution Main Line:</u>				
	From STP to HSVP Sewer:				
	Size: 110 mm dia.	215	RM	1,800.00	3,87,000.00
b.	Treated effluent distribution Lines:				
	Size: 100 mm dia.	830	RM	1,800.00	14,94,000.00
7	Provision for Carriage of materials and other unforeseen items		L.S.		1,50,000.00
8	Provision for cutting of roads and making good to its original condition		L.S.		1,50,000.00
9	Provision for connection with HSVP Sewer line		L.S.		1,00,000.00
				Sub Total:	99,51,000.00
	Add: 3% Contingencies				2,98,530.00
				Sub Total:	1,02,49,530.00
	Add: 49% Departmental Charges; including price escalation, unforeseen & administrative charges.				50,22,269.70
				Total:	1,52,71,799.70
				Say	152.72
					Lacs

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

SUB WORK NO. III						STORM WATER DRAINAGE	
Sl. No.	Description	Qty.	Unit	Rate	Amount		
				(Rs.)	(Rs. In lacs)		
1	Providing, lowering, jointing and cutting RCC NP3 pipes in to trenches including cost of excavation, manholes, vent shafts etc.complete as standard sections.						
	Dia.	Depth					
	i) 150 mm i/d.	0-2 M BGL.	1110	RM	1,000.00	11,10,000.00	
	i) 400 mm i/d.	0-2 M BGL.	855	RM	2,500.00	21,37,500.00	
	ii) 450 mm i/d.	0-2 M BGL.	90	RM	3,400.00	3,06,000.00	
	ii) 500 mm i/d.	0-2 M BGL.	70	RM	3,400.00	2,38,000.00	
2	Provision for Road gullies			L.S.		2,50,000.00	
3	Provision for temporary diversion of traffic			L.S.		1,50,000.00	
4	Provision for cutting of roads and making good to its original condition and carriage of material and other unforeseen charges			L.S.		2,00,000.00	
5	Provision for construction of Rain Water Harvesting Pits (along with de-silting chambers at entry) in greens along roads.	2	Each	3,50,000.00		7,00,000.00	
6	Provision for connection with HSVP Storm water Drain			L.S.		3,50,000.00	
					Sub Total:	54,41,500.00	
	Add: 3% Contingencies					1,63,245.00	
					Sub Total:	56,04,745.00	
	Add: 49% Departmental Charges; including price escalation, unforeseen & administrative charges.					27,46,325.05	
					Total:	83,51,070.05	
					SAY	83.51	
						Lacs	

**ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY
UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE
REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)**

MATERIAL STATEMENT OF SEWERAGE SCHEME

MS - 01

DATE :- 04.10.2021

S. No.	Name of Sewer Line	SIZES OF SWP SEWER LINES (i/d)					MANHOLES			
		150Ø SW Pipe	200Ø SW Pipe		250Ø SW Pipe		900X 800	910Ø	1220Ø	1520Ø
		Depth: 0 - 2M BGL	Depth: 0 - 2M BGL	Depth: 2 - 4M BGL	Depth: 0 - 2M BGL	Depth: 2 - 4M BGL				
		<i>Length of Sewer Lines (in Meters)</i>					NOS.	NOS.	NOS.	NOS.
1	(S1-S14)	56	76							
2	(S6-S14)	56.5	117							
3	(S14-S28)	88.5			141					
4	(S24-S28)	44	57							
5	(S28-S74)	9			27					
6	(S30-S40)	31	122							
7	(S38-S40)	6	29							
8	(S40-S70)	100.5			139					
9	(S50-S67)	115	127							
10	(S59-S67)	62	114							
11	(S67-S70)	9			47					
12	(S70-S74)	13			63					
13	(S74-STP)	3			26					
SIZE & DEPTH-WISE TOTAL:		593.5	642		443					
SAY		600	650		450					

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

TUBEWELL WATER SUPPLY NETWORKS

MATERIAL STATEMENT

MS-05

DATE :- 27.08.2021

Sl. No.	Name of Pipe Link Jn. Nodes	Size-wise Lengths of Pipes (in M) (DI)					Size-wise Butterfly Valves				NRV		Size-wise Masonry Chamber		
		25 mm i/d	65 mm i/d	80 mm i/d	100 mm i/d	150 mm i/d	65Ø	80Ø	100Ø	150Ø	80Ø	100Ø	300X300	600X600	900X900
	TUBEWELL LINE FROM TUBEWELL TO UGT														
1	TUBEWELL-1 TO UGT TB1 - TB2				260			1						1	
	TUBEWELL-2 TO UGT TB3 - TB2				20			1						1	
	TOTAL (SIZE-WISE)				280			2						2	
	SAY				290			2						2	

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

GARDEN HYDRANT WATER SUPPLY NETWORKS

MATERIAL STATEMENT

MS-07

DATE :- 27.08.2021

Sl. No.	Name of Pipe Link	Size-wise Lengths of Pipes (in M) (DI)					Size-wise Ball Valves				NRV		Size-wise Masonry Chamber		
		25 mm i/d	32 mm i/d	40 mm i/d	50 mm i/d	100 mm i/d	25Ø	32Ø	50Ø	100Ø	80Ø	100Ø	300X 300	600X 600	900X 900
	GARDEN HYDRANT LINE FROM STP														
1	STP TO G1					5				1					1
	G1 TO G2					25									
	G2 TO G3					45									
	G3 TO G4					56									
	G4 TO G5					19									
	G5 TO G6					26									
	G6 TO G1					32									
	G2 TO G7					10									
	G7 TO G8					65									
	G7 TO G9					143									
	G9 TO G10					62									
	G5 TO G11					75									
	G11 TO G12					91									
	G12A TO G12					55									
	G11 TO G13					115									
	TOTAL (SIZE-WISE)		0	0	0	824		0	0	1	0	0		0	1
	SAY					830				1					1

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

Sub Work IV		Road work				
S.No.	Description	Unit	Qty	Rate	Amount	Remarks
1	Provision for levelling & earth filling as per site condition	per acre	12.10625	150000	1815937.5	
2	Construction of Road by:-					
i)	Providing GSB 300 mm thick					
ii)	250 mm thick W.M.M. stone aggregate.					
iii)	50 mm thick B.M					
iv)	40 mm thick B.C complete in all respect.	sqm	5870	1200	7044000	
3	Provision for making approach and pavement to building block by providing concrete pavement or tiles. Etc.	sqm	609.8	500	304900	
4	Provision for pavement in shopping area i.e. 50% of the area (1959.581*0.5=979.7905 sqm	sqm	979.7905	600	587874.3	
5	Provision for kerb stone with complete specification.	mtr	1940	600	1164000	
6	Provision for Carriage of material and unforeseen items	L.S	1	500000	500000	
7	Provision for traffic lighting and guide map/ indicators	L.S	1	200000	200000	
	Sub Total				11616711.8	
	Add 3% contingency charges				348501.354	
	Sub Total				11965213.15	
	Add 49% Dep't. Charges				5862954	
	Total				17828167.15	
	Say				178.28	Lakh

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE
PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA
MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR,
SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

ESTIMATE FOR PROVISION OF STREET LIGHTING

Sub Work V		Street Light				
S.No.	Description	Unit	Qty	Rate	Amount	Remarks
1	Provision street lighting on internal roads as per standard specifications of HVPVNL with LED	per acre	12.10625	250000	3026562.5	
	Sub Total				3026562.5	
	Add 3% contingency charges				90796.875	
	Sub Total				3117359.375	
	Add 49% Dep't. Charges				1527506	
	Total				4644865.375	
	Say				46.45	Lakh

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY
UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE
REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

Sub Work VI					Horticulture	
S.No.	Description	Unit	Qty	Rate	Amount	Remarks
1	Development of lawn area					
a.)	Trenching the ordinary soil upto depth of 60 cm including removal & packing of serviceable material & disposing at a lead of 50 M and making up the trenched area to proper level by filling with earth mixed with manure before & after flooding trench with water including cost of imported earth & manure.					
b.)	Rough dressing of trenched area.					
c.)	Grassing including watering & maintenance of lawns free from weeds & fit for mowing in rows including hedges, shrubs & green belts (as per HSVP Norms)					
	Green/grass area	per acre	0.908	150000	136200	
	Trees	each	250	1300	325000	
	Sub Total				461200	
	Add 3% contingency charges				13836	
	Sub Total				475036	
	Add 49% Dep't. Charges				232768	
	Total				707804	
	Say				7.08	Lakh

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR AFFORDABLE PLOTTED COLONY
UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE
REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM. (HARYANA)

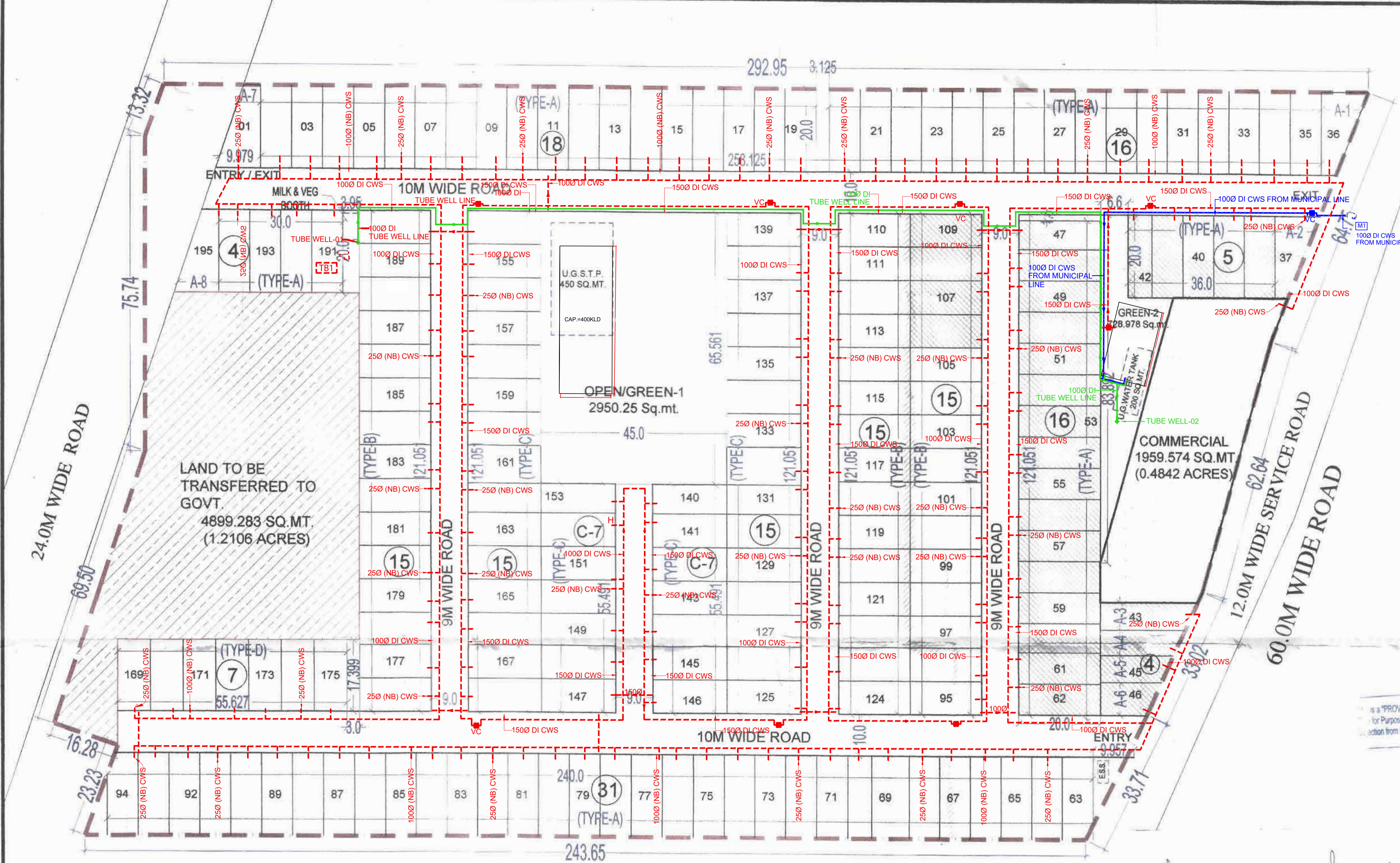
Sub Work IV		Maintenance Charges & Resurfacing of Roads				
S.No.	Description	Unit	Qty	Rate	Amount	Remarks
1	Provision for maintenance charges for water supply, sewerage, storm water drainage, roads, street light, horticulture etc. complete including operation & establishments charges as per HSVP norms after completion & resurfacing of roads after 10 years or 1st phase.	per acre	12.10625	750000	9079688	
2	Provision for resurfacing & strengthening of road after 5 years of 1 st phase.	sqm	5870	600	3522000	
3	Provision for resurfacing & strengthening of road after 10 years of 2 nd phase	sqm	5870	750	4402500	
	Sub Total				17004188	
	Add 3% contingency charges				510125.6	
	Sub Total				17514313	
	Add 49% Dep't. Charges				8582013	
	Total				26096326	
	Say				260.96	Lakh

DETAILS OF SEWER LINES												
SL. NO.	MANHOLE NO.		LENGTH	DIA	SLOPE	MH TOP	INVERT	DEPTH	MH TOP	INVERT	DEPTH	DIA OF MANHOLE
						LVL.	LVL.		LVL.	LVL.		
	FROM	TO	(M)	(MM)	1 in	(M)	(M)	(MM)	(M)	(M)	(MM)	(MM)
1	S1	S2	13	200	180	375	-875	1250	375	-947	1322	910
2	S2	S3	15	200	180	375	-947	1322	375	-1030	1405	910
3	S3	S4	15	200	180	375	-1030	1405	375	-1113	1488	910
4	S4	S5	15	200	180	375	-1113	1488	375	-1196	1571	910
5	S5	S14	18	200	180	375	-1196	1571	375	-1296	1671	910
6	S6	S7	14	200	180	375	-875	1250	375	-953	1328	910
7	S7	S8	16	200	180	375	-953	1328	375	-1042	1417	910
8	S8	S9	16	200	180	375	-1042	1417	375	-1131	1506	910
9	S9	S10	15	200	180	375	-1131	1506	375	-1214	1589	910
10	S10	S11	11	200	180	375	-1514	1889	375	-1575	1950	1220
11	S11	S12	15	200	180	375	-1575	1950	375	-1658	2033	1220
12	S12	S13	15	200	180	375	-1658	2033	375	-1741	2116	1220
13	S13	S14	15	200	180	375	-1741	2116	375	-1824	2199	1220
14	S14	S15	11	250	200	375	-1824	2199	375	-1879	2254	1220
15	S15	S16	8	250	200	375	-1879	2254	375	-1919	2294	1220
16	S16	S17	17	250	200	375	-1919	2294	375	-2004	2379	1520
17	S17	S18	16	250	200	375	-2004	2379	375	-2084	2459	1520
18	S18	S19	16	250	200	375	-2084	2459	375	-2164	2539	1520
19	S19	S20	16	250	200	375	-2164	2539	375	-2244	2619	1520
20	S20	S21	16	250	200	375	-2244	2619	375	-2324	2699	1520
21	S21	S22	16	250	200	375	-2324	2699	375	-2404	2779	1520
22	S22	S23	13	250	200	375	-2404	2779	375	-2469	2844	1520
23	S23	S28	12	250	200	375	-2469	2844	375	-2529	2904	1520
24	S24	S25	11	200	180	375	-875	1250	375	-936	1311	910
25	S25	S26	13	200	180	375	-936	1311	375	-1008	1383	910
26	S26	S27	15	200	180	375	-1008	1383	375	-1091	1466	910
27	S27	S28	18	200	180	375	-1091	1466	375	-1191	1566	910
28	S28	S29	12	250	200	375	-2529	2904	375	-2589	2964	1520
29	S29	S74	15	200	200	375	-2589	2964	375	-2664	3039	1520
30	S30	S31	14	200	180	75	-1175	1250	75	-1253	1328	910
31	S31	S32	16	200	180	75	-1253	1328	75	-1342	1417	910
32	S32	S33	10	200	180	75	-1661	1736	75	-1717	1792	1220
33	S33	S34	24	200	180	75	-1717	1792	375	-1850	2225	1220
34	S34	S35	12	200	180	375	-1850	2225	375	-1917	2292	1220
35	S35	S36	15	200	180	375	-1917	2292	375	-2000	2375	1520
36	S36	S37	15	200	180	375	-2000	2375	375	-2083	2458	1520
37	S37	S40	16	200	180	375	-2083	2458	375	-2172	2547	1520

DETAILS OF SEWER LINES												
SL. NO.	MANHOLE NO.		LENGTH	DIA	SLOPE	MH TOP	INVERT	DEPTH	MH TOP	INVERT	DEPTH	DIA OF MANHOLE
						LVL.	LVL.		LVL.	LVL.		
	FROM	TO	(M)	(MM)	1 in	(M)	(M)	(MM)	(M)	(M)	(MM)	(MM)
38	S38	S39	15	200	180	375	-875	1250	375	-958	1333	910
39	S39	S40	14	200	180	375	-958	1333	375	-1036	1411	910
40	S40	S41	11	250	200	375	-2172	2547	375	-2227	2602	1520
41	S41	S42	8	250	200	375	-2227	2602	375	-2267	2642	1520
42	S42	S43	16	250	200	375	-2267	2642	375	-2347	2722	1520
43	S43	S44	16	250	200	375	-2347	2722	375	-2427	2802	1520
44	S44	S45	16	250	200	375	-2427	2802	375	-2507	2882	1520
45	S45	S46	16	250	200	375	-2507	2882	375	-2587	2962	1520
46	S46	S47	16	250	200	375	-2587	2962	375	-2667	3042	1520
47	S47	S48	16	250	200	375	-2667	3042	375	-2747	3122	1520
48	S48	S49	13	250	200	375	-2747	3122	375	-2812	3187	1520
49	S49	S70	11	250	200	375	-2812	3187	375	-2867	3242	1520
50	S50	S51	15	200	180	375	-875	1250	375	-958	1333	910
51	S51	S52	15	200	180	375	-958	1333	375	-1041	1416	910
52	S52	S53	15	200	180	375	-1041	1416	375	-1124	1499	910
53	S53	S54	15	200	180	375	-1124	1499	375	-1207	1582	910
54	S54	S55	15	200	180	375	-1207	1582	375	-1290	1665	910
55	S55	S56	15	200	180	375	-1290	1665	375	-1373	1748	1220
56	S56	S57	15	200	180	375	-1373	1748	375	-1456	1831	1220
57	S57	S58	11	200	180	375	-1456	1831	375	-1517	1892	1220
58	S58	S67	11	200	180	375	-1533	1892	375	-1594	1953	1220
59	S59	S60	22	200	180	75	-1175	1250	75	-1297	1372	910
60	S60	S61	12	200	180	75	-1672	1747	75	-1739	1814	1220
61	S61	S62	8	200	180	75	-1739	1814	375	-1783	2158	1220
62	S62	S63	14	200	180	375	-1783	2158	375	-1861	2236	1220
63	S63	S64	15	200	180	375	-1861	2236	375	-1944	2319	1520
64	S64	S65	12	200	180	375	-1944	2319	375	-2011	2386	1520
65	S65	S66	15	200	180	375	-2011	2386	375	-2094	2469	1520
66	S66	S67	16	200	180	375	-2094	2469	375	-2183	2558	1520
67	S67	S68	14	250	200	375	-2183	2558	375	-2253	2628	1520
68	S68	S69	15	250	200	375	-2253	2628	375	-2328	2703	1520
69	S69	S70	18	250	200	375	-2328	2703	375	-2481	2856	1520
70	S70	S71	18	300	200	375	-2867	3242	375	-2924	3317	1520
71	S71	S72	15	300	200	375	-2924	3317	375	-3017	3392	1520
72	S72	S73	18	300	200	375	-3017	3392	375	-3107	3482	1520
73	S73	S74	15	300	200	375	-3107	3482	375	-3182	3557	1520
74	S74	S75	15	300	200	375	-3182	3557	375	-3257	3632	1520
75	S75	S76	9	300	200	375	-3257	3632	375	-3302	3677	1520
76	S76	STP	2	300	200	375	-3302	3677	375	-3315	3690	

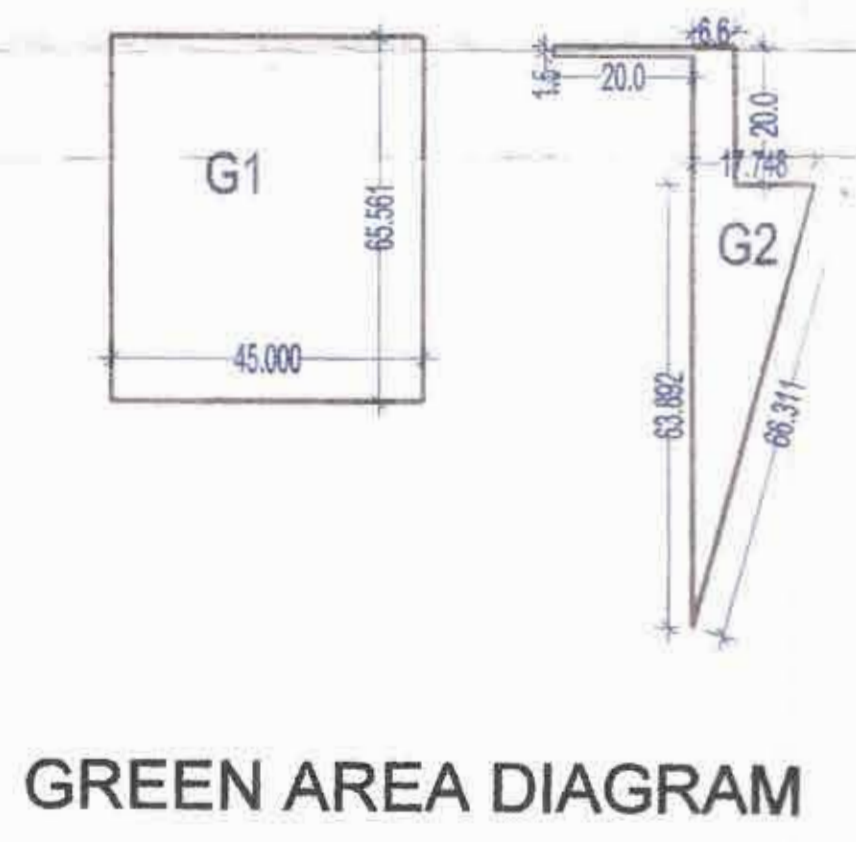
DETAILS OF STORM WATER LINE												
SL. NO.	MANHOLE NO.		LENGTH	DIA	SLOPE	MH TOP	INVERT	DEPTH	MH TOP	INVERT	DEPTH	DIA OF MANHOLE
						LVL.	LVL.		LVL.	LVL.		
	UPPER END	UPPER END	LOWER END	LOWER END								
FROM	TO	(M)	(MM)	1 in	(M)	(M)	(MM)	(M)	(M)	(MM)	(MM)	
1	D1	D2	15	400	500	375	-875	1250	375	-905	1280	910
2	D2	D3	16	400	500	375	-905	1280	375	-937	1312	910
3	D3	D4	14	400	500	375	-937	1312	375	-965	1340	910
4	D4	D5	10	400	500	375	-965	1340	375	-985	1360	910
5	D5	D6	19	400	500	375	-985	1360	375	-1023	1398	910
6	D6	D11	9	400	500	375	-1023	1398	375	-1041	1416	910
7	D7	D8	16	400	500	375	-875	1250	375	-907	1282	910
8	D8	D9	16	400	500	375	-907	1282	375	-939	1314	910
9	D9	D10	13	400	500	375	-939	1314	375	-965	1340	910
10	D10	D11	11	400	500	375	-965	1340	375	-987	1362	910
11	D11	D12	19	400	500	375	-1041	1416	375	-1079	1454	910
12	D12	D13	17	400	500	375	-1079	1454	375	-1113	1488	910
13	D13	D18	9	400	500	375	-1113	1488	375	-1131	1506	910
14	D14	D15	15	400	500	375	-875	1250	375	-905	1280	910
15	D15	D16	16	400	500	375	-905	1280	375	-937	1312	910
16	D16	D17	16	400	500	375	-937	1312	375	-969	1344	910
17	D17	D18	16	400	500	375	-969	1344	375	-1001	1376	910
18	D18	D19	21	400	500	375	-1131	1506	375	-1173	1548	910
19	D19	D20	16	400	500	375	-1173	1548	375	-1205	1580	910
20	D20	D25	9	400	500	375	-1205	1580	375	-1223	1598	910
21	D21	D22	16	400	500	375	-875	1250	375	-907	1282	910
22	D22	D23	16	400	500	375	-907	1282	375	-939	1314	910
23	D23	D24	12	400	500	375	-939	1314	375	-963	1338	910
24	D24	D25	12	400	500	375	-963	1338	375	-987	1362	910
25	D25	D26	19	400	500	375	-1223	1598	375	-1261	1636	910
26	D26	D31	16	400	500	375	-1261	1636	375	-1295	1670	910
27	D27	D28	16	400	500	375	-875	1250	375	-907	1282	910
28	D28	D29	16	400	500	375	-907	1282	375	-939	1314	910
29	D29	D30	13	400	500	375	-939	1314	375	-965	1340	910
30	D30	D31	11	400	500	375	-965	1340	375	-987	1362	910
31	D31	D32	21	500	600	375	-1295	1670	375	-1338	1713	1220
32	D32	D35	14	500	600	375	-1338	1713	75	-1361	1436	910
33	D33	D34	14	400	500	75	-1175	1250	75	-1203	1278	910

DETAILS OF STORM WATER LINE												
SL. NO.	MANHOLE NO.		LENGTH	DIA	SLOPE	MH TOP	INVERT	DEPTH	MH TOP	INVERT	DEPTH	DIA OF MANHOLE
						LVL.	LVL.		LVL.	LVL.		
	UPPER END	UPPER END	LOWER END	LOWER END								
FROM	TO	(M)	(MM)	1 in	(M)	(M)	(MM)	(M)	(M)	(MM)	(MM)	
34	D34	D35	15	400	500	75	-1203	1278	75	-1233	1308	910
35	D35	EX MH	10	500	600	75	-1361	1436				
36	D36	D37	14	400	500	375	-875	1250	375	-903	1278	910
37	D37	D38	12	400	500	375	-903	1278	375	-927	1302	910
38	D38	D39	24	400	500	375	-927	1302	375	-975	1350	910
39	D39	D43	8	400	500	375	-975	1350	375	-991	1366	910
40	D40	D41	16	400	500	375	-875	1250	375	-907	1282	910
41	D41	D42	16	400	500	375	-907	1282	375	-939	1314	910
42	D42	D43	18	400	500	375	-939	1314	375	-975	1350	910
43	D43	D44	26	400	500	375	-991	1366	375	-1043	1418	910
44	D44	RWH-1	3	400	500	375	-1043	1418	375	-1049	1424	910
45	RWH-1	D45	1	400	500	375	-1049	1424	375	-1051	1426	910
46	D45	D46	12	400	500	375	-1051	1426	375	-1075	1450	910
47	D46	RWH-2	12	400	500	375	-1075	1450	375	-1081	1456	910
48	RWH-2	D47	26	400	500	375	-1081	1465	375	-1085	1460	910
49	D47	D48	30	400	500	375	-1085	1460	375	-1145	1520	910
50	D48	D52	8	400	500	375	-1145	1520	375	-1161	1536	910
51	D49	D50	16	400	500	375	-875	1250	375	-907	1282	910
52	D50	D51	16	400	500	375	-907	1282	375	-939	1314	910
53	D51	D52	18	400	500	375	-939	1314	375	-975	1350	910
54	D52	D53	22	400	500	375	-1161	1536	375	-1205	1580	910
55	D53	D57	14	400	500	375	-1205	1580	375	-1233	1608	910
56	D54	D55	16	400	500	375	-875	1250	375	-907	1282	910
57	D55	D56	16	400	500	375	-907	1282	375	-939	1314	910
58	D56	D57	18	400	500	375	-939	1314	375	-975	1350	910
59	D57	D58	34	450	600	375	-1233	1608	375	-1290	1665	910
60	D58	D59	13	450	600	375	-1290	1665	375	-1312	1687	910
61	D59	D60	15	450	600	375	-1312	1687	375	-1337	1712	1220
62	D60	D63	21	450	600	375	-1337	1712	75	-1372	1447	910
63	D61	D62	23	400	500	75	-1175	1250	75	-1221	1296	910
64	D62	D63	26	400	500	75	-1221	1296	75	-1273	1348	910
65	D63	EX MH	10	500	600	75	-1372	1447				



SITE	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.9080	3674.4133	7.5	0.9080	3674.64	7.50
10% area to be transferred free of cost to the govt.	1.2106	4899.2177	10	1.2106	4899.28	10.00
Permissible commercial area	0.4842	1959.6871	4	0.4842	1959.55	4.00
Area Under Plots	7.3848	29885.2279	61	7.0626	28581.18	58.34
Total permissible area	7.8691	31844.9150	65	7.5468	30540.72	62.34
Permissible Density		240-400 ppa		289.933		
Achieved Density	289.933	ppa				

PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL PLOT area (SQ.MT.)
A	7.500	20.000	150.000	91	13,650.000
A1	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
A7	4.13 x 20 + (.5 x 6.722 x 20)		149.820	1	149.820
A8	4.125 X 20 + (.5 x 6.722 x 20)		149.720	1	149.720
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
D	7.947	17.399	138.270	7	967.889
				195	28,440.656
				In acre	7.0279



PLUMBING LEGENDS:-

S. NO.	SYMBOL	DESCRIPTION
1.0		CWS FROM MUNICIPAL LINE
2.0		CWS FROM TUBE LINE
3.0		COLD WATER SUPPLY
4.0		TUBE WELL
5.0		VALVE CHAMBER SIZE=600X600MM

50% FREEZED PLOTS AREA DETAIL

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	91	7,800.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	45	6,286.750
C	8.070	18.000	145.260	44	6,391.120
				In acre	3.540

DETAIL OF 15% PLOTS TO BE MORTGAGED AREA

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	21	3,150.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	4	564.900
				In acre	1.073

SITE AREA - ADDITIONS

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	1	228.8281	181.0512	41,426.6926
B	1	0.5	10.8068	31.8536	343.5372
C	1	0.5	15.4882	38.7848	598.3492
D	1	(6.7056+10.8068)/2	38.5572	339.3458	
E	1	(14.2484+6.7056)/2	21.7932	228.3383	
F	1	(88.7924+45.2630)/2	67.0277	3,438.8340	
G	1	(28.4980+15.0276)/2	21.7628	2,225.7777	
H	1	(28.4980+15.0276)/2	21.7628	857.6548	
I	1	0.5	15.0078	30.1752	227.6352
TOTAL ADDITION					49,022.1243

SUBTRACTION

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
I	1	0.5	4.6101	12.9921	29.9474
TOTAL SITE AREA					48,992.1769

AREA UNDER 24.0M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	0.5	23.9580	71.2854	853.9596
TOTAL ADDITION					853.9596

AREA UNDER 24M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
I	1	0.5	4.6101	12.9921	29.9474
TOTAL AREA UNDER 24M WIDE ROAD					824.0124

SITE AREA (IN ACRES) / SITE AREA (IN SQ.MT.)

AREA	NO.	AREA (SQ.MT.)	AREA (ACRES)
TOTAL AREA OF LAND	12	10025	4892.1269
AREA 24.0M WIDE ROAD (I)	1	824.0124	324.0124
(A) = Area Inferred area	11	9203	4568.1145
(B) = 100% of (I)	1	824.0124	324.0124
TOTAL A+B	12	10025	4892.1269

is a "PROVISIONAL APPROVED LAYOUT PLAN" for Purpose of levying Section from the general public.

(RAM AVTAR BASSI) AD (HQ)
 (DIVYA DOGRA) ATP (HQ)
 (R.S. BATHI) DTP (HQ)
 (HITESH SHARMA) STP (HQ) M
 (P.P. SHYGH) CTP (HR)
 (K.MAKRAN PANDURANG, IAS) DTP (HR)

NOTE- AREA ABOVE U.G.S.T.P. & U.G.W.T. TO BE MAINTAINED AS HARD SURFACE GREEN

LEGEND:-

	COMMERCIAL
	LAND TO BE TRANSFER TO GOVT.
	SERVICES
	OPEN/GREEN
	50% PLOTS FREEZE SHOWN AS
	15% MORTGAGED PLOTS SHOWN AS

PROJECT:-
 REVISED LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM.

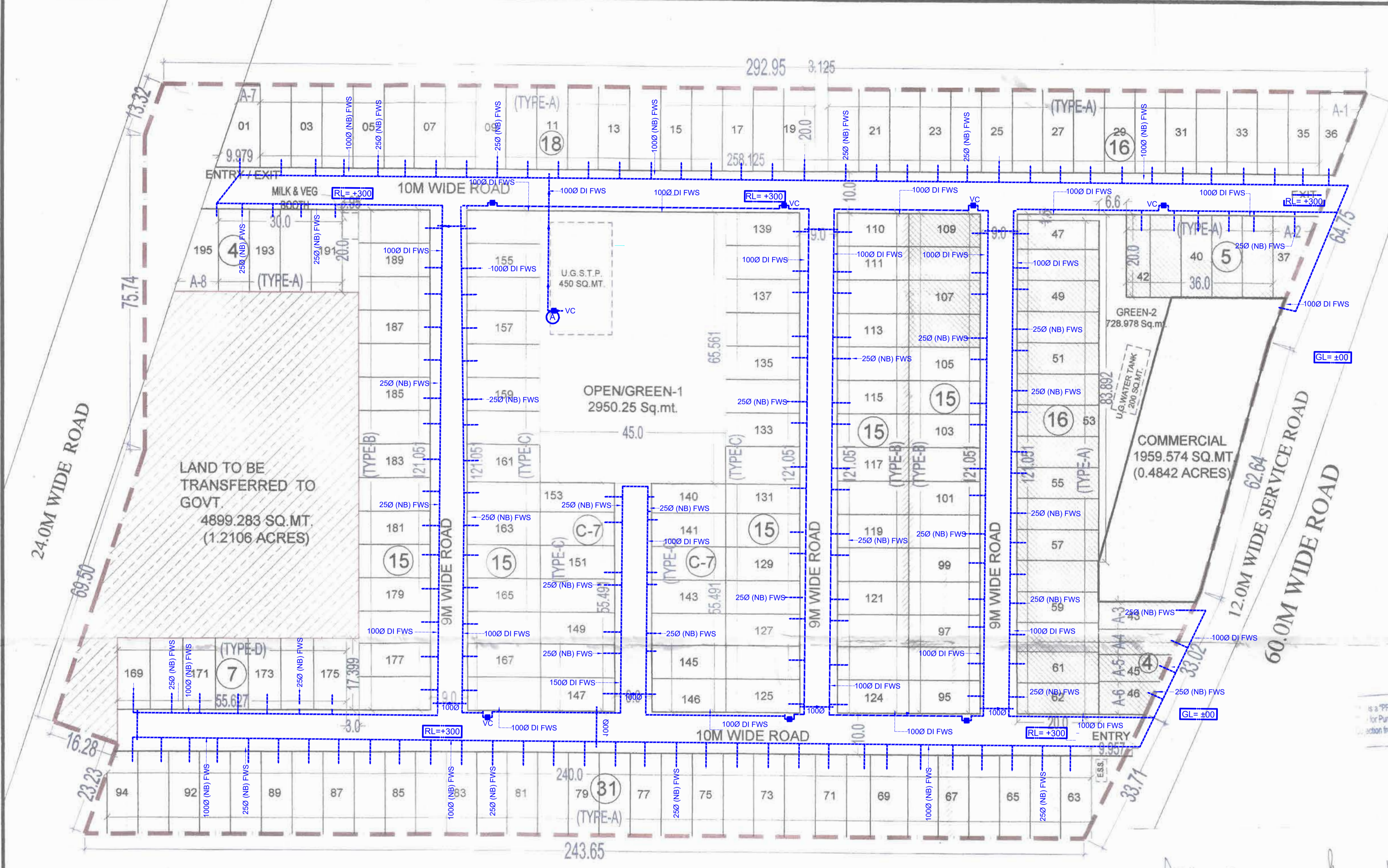
OWNER:-
 DEVELOPED BY BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT. LTD. 261/18 CIVIL LINES, GURUGRAM.

ARCHITECTURE INTERIOR DESIGNING PLANNING
 RUBY JAIN
 CREATIVE TOWNS 77-B, Shalimar Park, Mayapuri, New Delhi-110028
 M. 9811206520
 Mail: ruby@creativetowns.com

OWNERS SIGNATURE:-
ARCHITECT SIGNATURE:-
 Barish Kumar
 B.Arch, M.C.A.
 CA/2004/35677

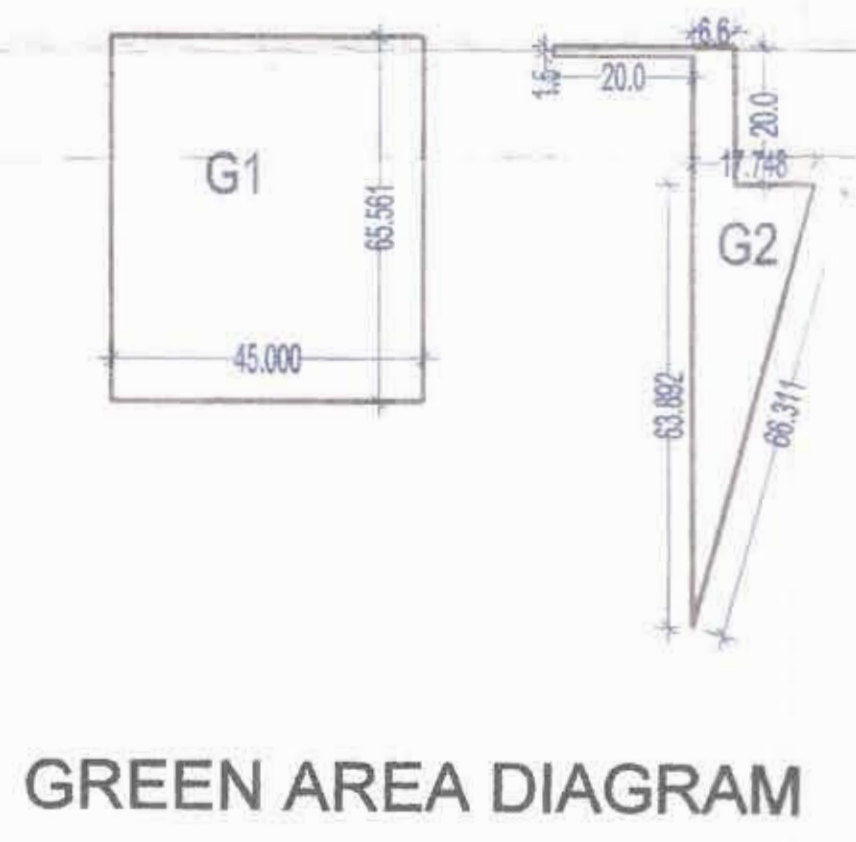
DRAWING TITLE:-
 SITE LAYOUT PLAN
COLD WATER SUPPLY SYSTEM

DATE:- SEPT-2021 **NORTH** **SHEET NO. 01**
SCALE:- 1:550 (A1)



SITE	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.9080	3674.4133	7.5	0.9080	3674.64	7.50
10% area to be transferred free of cost to the govt.	1.2106	4899.2177	10	1.2106	4899.28	10.00
Permissible commercial area	0.4842	1959.6871	4	0.4842	1959.55	4.00
Area Under Plots	7.3848	29885.2279	61	7.0626	28581.18	58.34
Total permissible area	7.8691	31844.9150	65	7.5468	30540.72	62.34
Permissible Density		240-400 ppa		289.933		
Achieved Density	289.933	ppa				

PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL PLOT area (SQ.MT.)
A	7.500	20.000	150.000	91	13,650.000
A1	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
A7	4.13 x 20 + (.5 x 6.722 x 20)		149.820	1	149.820
A8	4.125 x 20 + (.5 x 6.722 x 20)		149.720	1	149.720
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
D	7.947	17.399	138.270	7	967.889
				195	28,440.656
				In acre	7.0279



PLUMBING LEGENDS:-

S. NO.	SYMBOL	DESCRIPTION
1.0		FLUSHING WATER SUPPLY
2.0		VALVE CHAMBER SIZE=600X600MM

50% FREEZED PLOTS AREA DETAIL

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	91	7,800.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
					14,408.572
				In acre	3.560

DETAIL OF 15% PLOTS TO BE MORTGAGED AREA

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	21	3,150.000
A2	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	4	564.900
					4,341.660
				In acre	1.073

SITE AREA

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1		228.8281	181.0512	41,426.6926
B	1	0.5	10.8968	31.8536	347.5371
C	1	0.5	15.4862	38.7848	598.3495
D	1	(6.7056+10.8065)/2	38.5572	339.3458	
E	1	(14.2494+6.7056)/2	21.7924	228.3383	
F	1	(88.7924+45.2630)/2	67.0277	3,438.8340	
G	1	(28.4980+15.0276)/2	21.7628	2,225.7771	
H	1	(28.4980+15.0276)/2	20.1732	657.6140	
I	1	0.5	15.0078	30.1752	227.6352
					49,022.1243

AREA UNDER 24.0M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	0.5	4.6101	12.9921	29.9474
					48,992.1749
					12,106.25

AREA UNDER 24M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	0.5	23.9589	71.2854	853.9596
					853.9596
					29.9474
					824.0124

SITE AREA (IN ACRES) / SITE AREA (IN SQ.MT.)

AREA (SQ.MT.)	AREA (IN ACRES)	AREA (SQ.MT.)
12,106.25	2.8025	4899.2769
12,106.25	2.8025	524.024
12,106.25	2.8025	4899.2769
0.2082	0.0482	824.024
12,106.25	2.8025	4899.2769

OPEN/GREEN AREA

S.N.O.	NO.	PREFIX	LENGTH	WIDTH	AREA (SQ.MT.)
G1	1		45.000	65.561	2950.25
G2	1		17.200	66.311	1138.977
					4089.227
					2950.25
					728.978
					3679.22

(RAM AVTAR BASSI) AD (HQ)
 (DIVYA DOGRA) ATP (HQ)
 (R.S. BATHI) DTP (HQ)
 (HITESH SHARMA) STP (HQ) M
 (P.P. SINGH) CTP (HR)
 (K.MAKRAN PANDURANG, IAS) DTP (HR)

is a "PROVISIONAL APPROVED LAYOUT PLAN" for Purpose of tolling sections from the general public.

NOTE- AREA ABOVE U.G.S.T.P. & U.G.W.T. TO BE MAINTAINED AS HARD SURFACE GREEN

LEGEND:-

	COMMERCIAL
	LAND TO BE TRANSFER TO GOVT.
	SERVICES
	OPEN/GREEN
	50% PLOTS FREEZE SHOWN AS
	15% MORTGAGED PLOTS SHOWN AS

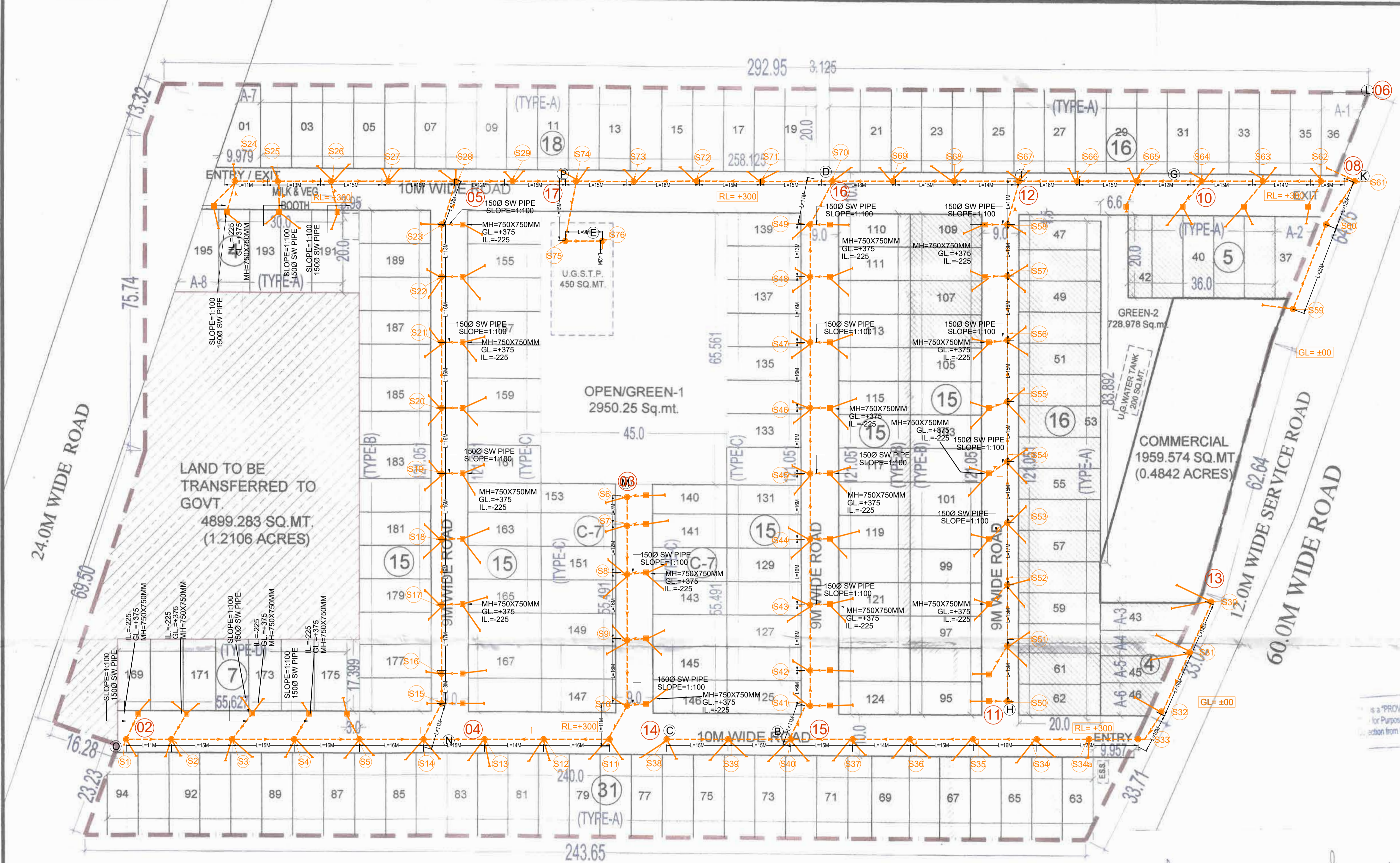
PROJECT:- REVISED LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM.

OWNER:- DEVELOPED BY BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT. LTD. 261/18 CIVIL LINES, GURUGRAM.

ARCHITECTURE INTERIOR DESIGNING PLANNING
 RUBY JAIN
 CREST TOWERS 77-B, Shaheed Post Karaj Marg, Sector-18, Gurugram, Haryana 122002
 M. 9811206520
 Mail: rubyjain@crestonline.com

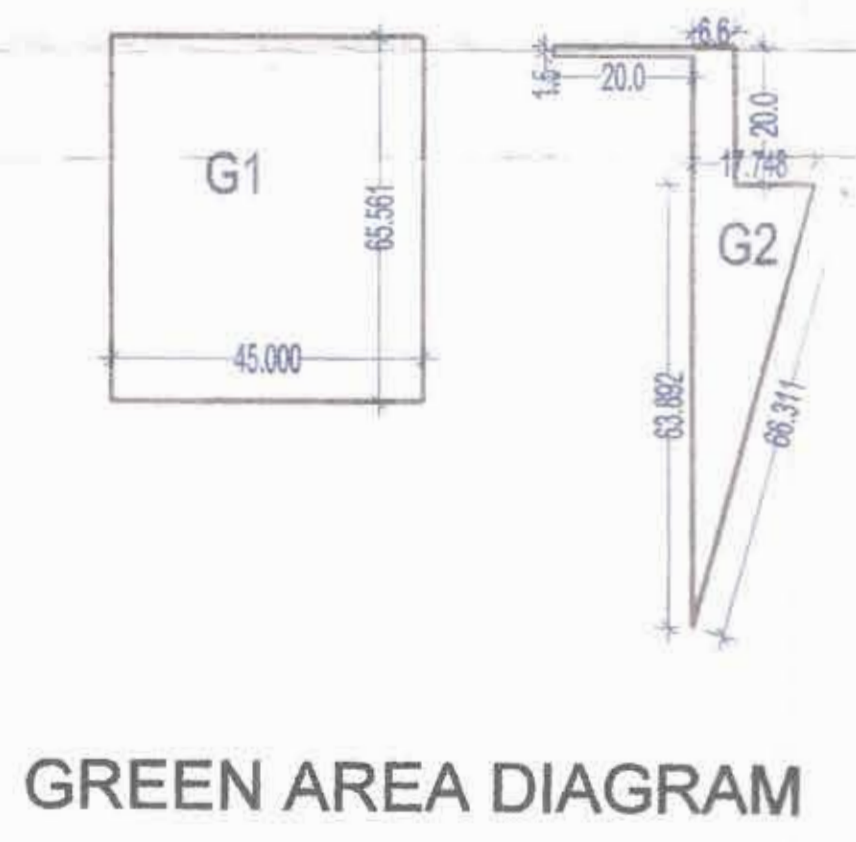
OWNERS SIGNATURE:-
ARCHITECT SIGNATURE:-

DRAWING TITLE:- SITE LAYOUT PLAN
FLUSHING WATER SUPPLY SYSTEM
DATE:- SEPT-2021 **NORTH** **SHEET NO. 01**
SCALE:- 1:550 (A1)



SITE	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.9080	3674.4133	7.5	0.9080	3674.64	7.50
10% area to be transferred free of cost to the govt.	1.2106	4899.2177	10	1.2106	4899.28	10.00
Permissible commercial area	0.4842	1959.6871	4	0.4842	1959.55	4.00
Area Under Plots	7.3848	29885.2279	61	7.0626	28581.18	58.34
Total permissible area	7.8691	31844.9150	65	7.5468	30540.72	62.34
Permissible Density		240-400 ppa		289.933		
Achieved Density	289.933	ppa				

PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL PLOT area (SQ.MT.)
A	7.500	20.000	150.000	91	13,650.000
A1	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
A7	4.13 x 20 + (.5 x 6.722 x 20)		149.820	1	149.820
A8	4.125 x 20 + (.5 x 6.722 x 20)		149.720	1	149.720
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
D	7.947	17.399	138.270	7	967.889
				195	28,440.656
				In acre	7.0279



PLUMBING LEGEND-

SL. NO.	DESCRIPTION	SYMBOL
1.0	RCC SEWER LINE	
2.0	CIRCULAR SEWER MANHOLE (9100, 12200 & 15200)	
3.0	RECTANGULAR SEWER MANHOLE SIZE=750X750MM	

50% FREEZED PLOTS AREA DETAIL

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	91	7,800.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
					14,408.572
					In acre 3.560

DETAIL OF 15% PLOTS TO BE MORTGAGED AREA

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	21	9,150.000
A2	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	4	564.900
					4,341.660
					In acre 1.073

SITE AREA -

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1		228.8281	161.0512	41,426.6926
B	1	0.5	10.8968	31.8536	373.5371
C	1	0.5	15.4882	38.7848	590.3495
D	1	(6.7056+10.8968)/2	38.5572	339.3458	
E	1	(14.2494+6.7056)/2	21.7925	228.3383	
F	1	(88.7924+45.2630)/2	67.0277	3,438.8340	
G	1	(28.4980+15.0276)/2	21.7628	2,225.7777	
H	1	(28.4980+15.0276)/2	30.1732	857.6148	
I	1	0.5	15.0878	30.1732	227.6352
TOTAL ADDITION					49,022.1243
SUBTRACTION					
S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
J	1	0.5	4.6101	12.9921	29.9474
TOTAL SITE AREA					48,992.1769
					12.16625

AREA UNDER 24.0M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1		23.9580	71.2854	853.9596
TOTAL ADDITION					853.9596
SUBTRACTION					
S.N.O.	NO. <td>PREFIX <td>LENGTH <td>BREATH <td>AREA </td></td></td></td>	PREFIX <td>LENGTH <td>BREATH <td>AREA </td></td></td>	LENGTH <td>BREATH <td>AREA </td></td>	BREATH <td>AREA </td>	AREA
J	1	0.5	4.6101	12.9921	29.9474
TOTAL AREA UNDER 24 M WIDE ROAD					824.0124

SITE AREA (IN ACRES) / SITE AREA (IN SQ.MT.)

S.N.O.	NO.	PREFIX	LENGTH	WIDTH	AREA (SQ.MT.)
1	1		45.000	65.561	2959.25
2	1	(15.5 x 20 + 16.6 x 20 + 15.5 x 17.248 + 65.801)			728.978
TOTAL OPEN/GREEN AREA					3678.22

OPEN/GREEN AREA

S.N.O.	NO.	PREFIX	LENGTH	WIDTH	AREA (SQ.MT.)
1	1		45.000	65.561	2959.25
2	1	(15.5 x 20 + 16.6 x 20 + 15.5 x 17.248 + 65.801)			728.978
TOTAL OPEN/GREEN AREA					3678.22

is a "PROVISIONAL APPROVED LAYOUT PLAN" for Purpose of twinning sections from the general public.

(RAM AVTAR BASSI) AD (HQ)
 (DIVYA DOGRA) ATP (HQ)
 (R.S. BATHI) DTP (HQ)
 (HITESH SHARMA) STP (HQ) M
 (P.P. SINGH) CTP (HR)
 (K. MAKRAND PANDURANG, IAS) DTCP (HR)

NOTE- AREA ABOVE U.G.S.T.P. & U.G.W.T. TO BE MAINTAINED AS HARD SURFACE GREEN

LEGEND:-

	COMMERCIAL
	LAND TO BE TRANSFER TO GOVT.
	SERVICES
	OPEN/GREEN
	50% PLOTS FREEZE SHOWN AS
	15% MORTGAGED PLOTS SHOWN AS

PROJECT:-
 REVISED LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM.

OWNER:-
 DEVELOPED BY BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT. LTD. 261/18 CIVIL LINES, GURUGRAM.

ARCHITECTURE INTERIOR DESIGNING PLANNING
 RUBY JAIN
 C-10 TOWERS 77-B, Shaheed Park Kirti Marg, Sector-18, Gurugram, Haryana-122002
 M. 9811206520
 Mail: ruby@rubyjain.com

OWNERS SIGNATURE:-
 ARCHITECT SIGNATURE:-
 Harish Kumar
 B.Arch., M.C.A.
 CA/2004/35677

DRAWING TITLE:
 SITE LAYOUT PLAN
 SEWAGE SYSTEM PLUMBING

DATE:- SEPT-2021 NORTH
 SCALE:- 1:550 (A1) 01

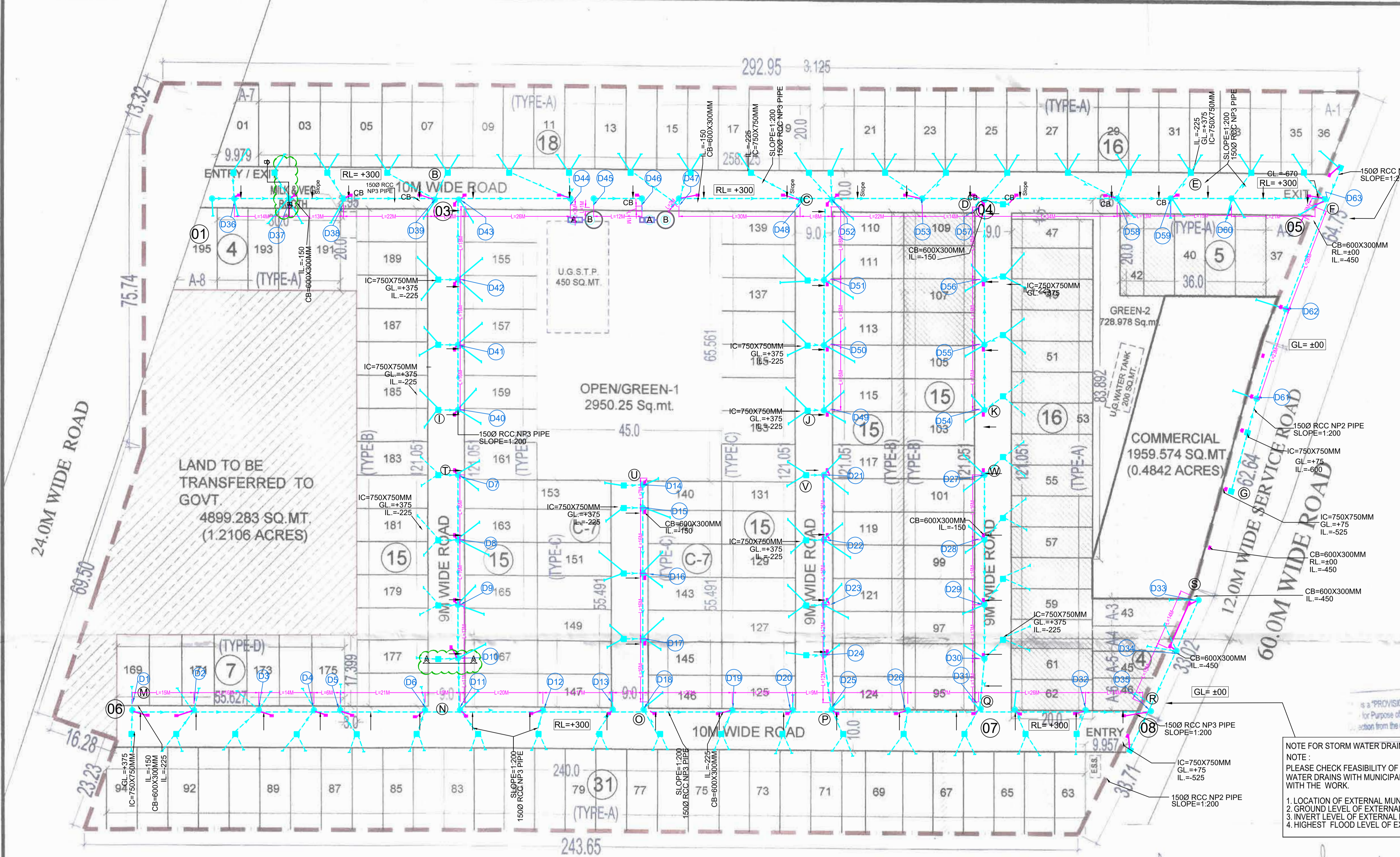
NOTE:
NOTE FOR STORM WATER DRAINAGE SYSTEM

PLEASE CHECK FEASIBILITY OF MAKING CONNECTION OF STORM WATER DRAINS WITH MUNICIPAL DRAINS BEFORE PROCEEDING WITH THE WORK.

1. LOCATION OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
2. GROUND LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
3. INVERT LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
4. HIGHEST FLOOD LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.

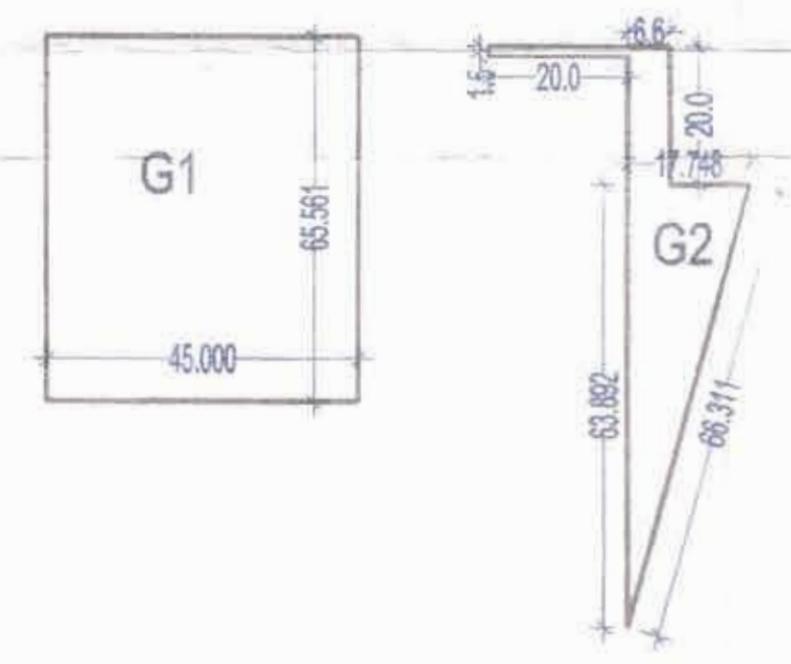
SITE	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.9080	3674.4133	7.5	0.9080	3674.64	7.50
10% area to be transferred free of cost to the govt.	1.2106	4899.2177	10	1.2106	4899.28	10.00
Permissible commercial area	0.4842	1959.6871	4	0.4842	1959.55	4.00
Area Under Plots	7.3848	29885.2279	61	7.0626	28581.18	58.34
Total permissible area	7.8691	31844.9150	65	7.5468	30540.72	62.34
Permissible Density	240-400 ppa			289.933		
Achieved Density	289.933 ppa			289.933		

PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL PLOT area (SQ.MT.)
A	7.500	20.000	150.000	91	13,650.000
A1	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
A7	4.13 x 20 + (.5 x 6.722 x 20)		149.820	1	149.820
A8	4.125 x 20 + (.5 x 6.722 x 20)		149.720	1	149.720
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
D	7.947	17.399	138.270	7	967.889
				195	28,440.656
				In acre	7.0279



LAND TO BE TRANSFERRED TO GOVT.
4899.283 SQ.MT.
(1.2106 ACRES)

GREEN AREA DIAGRAM



PLUMBING LEGEND:

S.NO	DESCRIPTION	SYMBOL
1.0	DE-SILTING CHAMBER SIZE=2.0MX1.0M	DS
2.0	RECHARGING PIT WITH BOREHOLE SIZE=4.0M DIA	RP
3.0	SAUCER DRAIN	SD
4.0	CATCH BASIN SIZE=600X300MM	CB
5.0	INSPECTION CHAMBER SIZE=700X700MM	IC
6.0	CIRCULAR STORM MANHOLE (Ø100, 1200 & 1500)	CSM
7.0	RCC STORM WATER PIPE	SWP

50% FREEZED PLOTS AREA DETAIL

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	91	7,800.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
					3,560

DETAIL OF 15% MORTGAGED AREA

TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	91	9,150.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
B	8.070	17.500	141.225	45	6,355.125
					4,341.600
					1,073

SITE AREA -

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1		228.8200	181.0512	41,426.6026
B	1	0.5	10.8068	31.8536	343.5372
C	1	0.5	15.4862	38.7848	595.3452
D	1	(6.7056 + 10.8068) / 2	38.5572	339.3458	13,000.8340
E	1	(14.2484 + 6.7056) / 2	21.7932	228.3388	4,983.8340
F	1	(88.7924 + 45.2632) / 2	67.0278	80.9304	5,400.7772
G	1	(28.4988 + 15.0276) / 2	21.7632	87.6348	1,900.6348
H	1	0.5	15.0878	30.1752	452.6352
I	1	0.5	15.0878	30.1752	452.6352
TOTAL ADDITION					49,022.1243

AREA UNDER 24.0M WIDE ROAD

S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	0.5	23.9580	71.2854	853.9506
TOTAL ADDITION					853.9506
SUBTRACTION					
I	1	0.5	4.6101	12.9921	29.9474
TOTAL AREA UNDER 24 M WIDE ROAD					824.0032

SITE AREA (IN ACRES) / SITE AREA (IN SQ.MT.)

S.N.O.	NO.	PREFIX	LENGTH	WIDTH	AREA (SQ.MT.)
1	1		45.000	65.561	2959.25
2	1	(11.5 x 20 + 16.6 x 20 + 15.5 x 17.24 + 6.80)			728.978
TOTAL OPEN/GREEN AREA					3688.228

(RAM AVTAR BASSI) AD (HQ)
(DIVYA DOGRA) ATP (HQ)
(R.S. BATH) DTP (HQ)
(HITESH SHARMA) STP (HQ) M
(P.P. SHINGH) CTP (HR)
(K.MAKRAN PANDURANG, IAS) DTP (HR)

NOTE FOR STORM WATER DRAINAGE SYSTEM

NOTE:
PLEASE CHECK FEASIBILITY OF MAKING CONNECTION OF STORM WATER DRAINS WITH MUNICIPAL DRAINS BEFORE PROCEEDING WITH THE WORK.

1. LOCATION OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
2. GROUND LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
3. INVERT LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.
4. HIGHEST FLOOD LEVEL OF EXTERNAL MUNICIPAL STORM WATER DRAIN.

NOTE- AREA ABOVE U.G.S.T.P. & U.G.W.T. TO BE MAINTAINED AS HARD SURFACE GREEN

LEGEND:-

- COMMERCIAL
- LAND TO BE TRANSFER TO GOVT.
- SERVICES
- OPEN/GREEN
- 50% PLOTS FREEZED SHOWN AS
- 15% MORTGAGED PLOTS SHOWN AS

PROJECT:-
REVISED LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM.

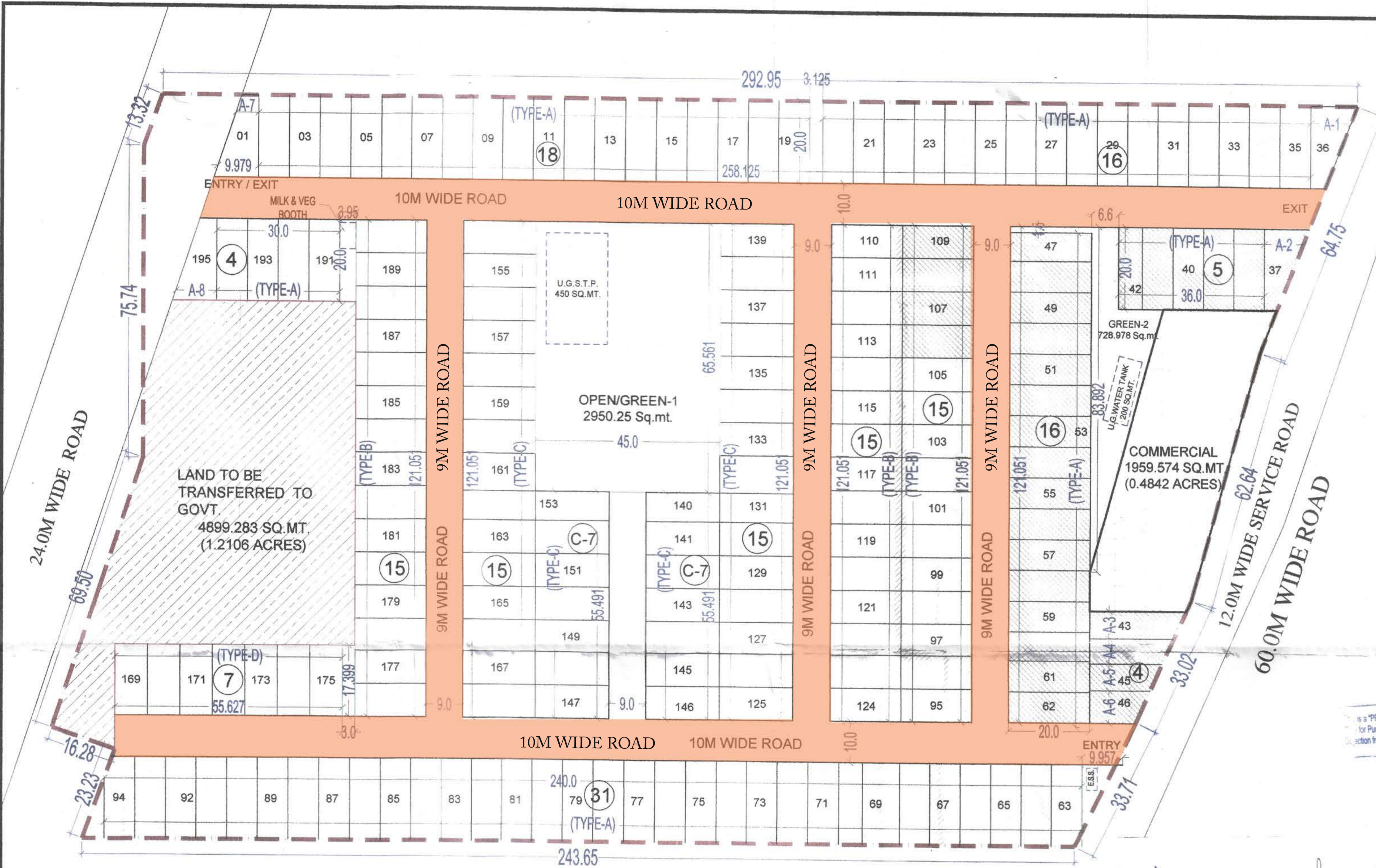
OWNER:-
DEVELOPED BY BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT. LTD. 261/18 CIVIL LINES, GURUGRAM.

ARCHITECTURE INTERIOR DESIGNING PLANNING
RUBY JAIN
CRE TOWERS 77-B, Shaheed Park Karaj Marg, Sector-16, Gurugram, Haryana 122002
M. 9811206520
Mail: rubyjain@cre-towers.com

OWNERS SIGNATURE:-
ARCHITECT SIGNATURE:-
Harish Kumar
B.Arch., M.C.A.
CA/2004/35677

DRAWING TITLE:
SITE LAYOUT PLAN
STORM WATER DRAINAGE SYSTEM

DATE:- SEPT-2021 NORTH
SCALE:- 1:550 (A1) 01

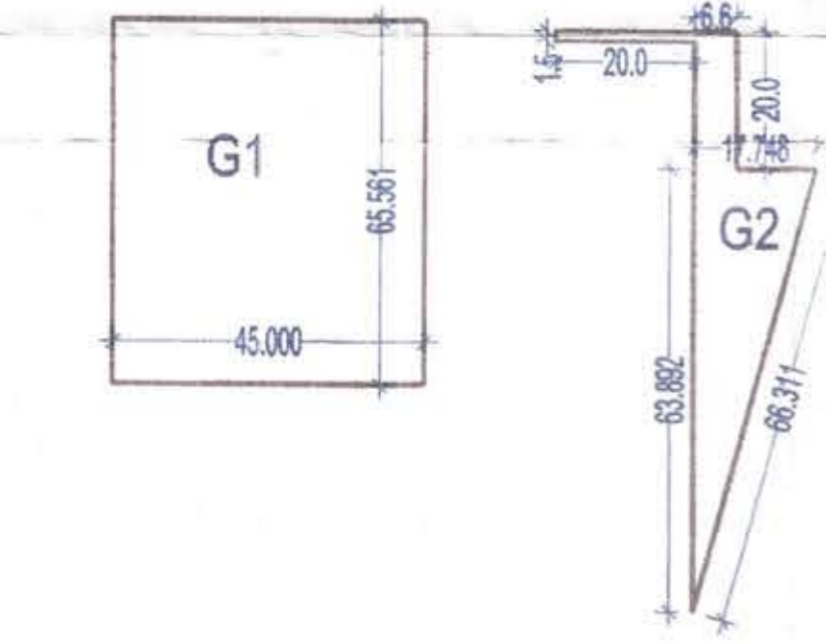


SITE	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.9080	3674.4133	7.5	0.9080	3674.64	7.50
10% area to be transferred free of cost to the govt.	1.2106	4899.2177	10	1.2106	4899.28	10.00
Permissible commercial area	0.4842	1959.6871	4	0.4842	1959.55	4.00
Area Under Plots	7.3848	29885.2279	61	7.0626	28581.18	58.34
Total permissible area	7.8691	31844.9150	65	7.5468	30540.72	62.34
Permissible Density		240-400 ppa		289.933		
Achieved Density		289.933	ppa			

PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	NO. OF PLOTS	TOTAL PLOT area (SQ.MT.)
A	7.500	20.000	150.000	91	13,650.000
A1	3.608 x 20 + (.5 x 7.778 x 20)		149.960	1	149.960
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	1	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	1	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	1	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	1	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	1	104.839
A7	4.13 x 20 + (.5 x 6.722 x 20)		149.820	1	149.820
A8	4.125 x 20 + (.5 x 6.722 x 20)		149.720	1	149.720
B	8.070	17.500	141.225	45	6,355.125
C	8.070	18.000	145.260	44	6,391.440
D	7.947	17.399	138.270	7	967.889
				195	28,440.656
				In acre	7.0279

LAND TO BE TRANSFERRED TO GOVT
4899.283 SQ.MT.
(1.2106 ACRES)

(RAM AVTAR BASSI) AD (HQ)
(DIVYA DOGRA) ATP (HQ)
(R.S. BATHI) DTP (HQ)
(HITESH SHARMA) STP (HQ) M
(P.S. SINGH) CTP (HR)
(K.MAKRAN PANDURANG, IAS) DTP (HR)



GREEN AREA DIAGRAM

50% FREEZED PLOTS AREA DETAIL				
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	7,800.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	104.839
B	8.070	17.500	141.225	4,236.750
C	8.070	18.000	145.260	3,243.120
			In acre	3.560

DETAIL OF 10% PLOTS TO BE MORTGAGED AREA				
TYPE	WIDTH	LENGTH	AREA (SQ.MT.)	TOTAL AREA UNDER PLOTS (SQ.MT.)
A	7.500	20.000	150.000	3,150.000
A2	3.106 x 20 + (.5 x 7.778 x 20)		139.920	139.920
A3	(23.735 + 20.736) / 2 x 6.742		149.912	149.912
A4	(20.736 + 17.849) / 2 x 6.50		125.401	125.401
A5	(17.849 + 14.960) / 2 x 6.50		106.629	106.629
A6	(14.960 + 11.418) / 2 x 7.949		104.839	104.839
B	8.070	17.500	141.225	4,341.600
			In acre	1.073

ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH	BREATH	AREA
A	1	I	228.8288	181.0512	41,426.6928
B	1	I	10.8866	31.8516	345.5772
C	1	I	15.4882	38.7842	598.3492
D	1	I	16.7556	10.8952	182.5272
E	1	I	14.2484	4.7052	67.2528
F	1	I	68.7824	48.2632	3,318.8240
G	1	I	128.4988	45.2632	5,828.7772
H	1	I	28.4888	15.0872	428.6144
I	1	I	15.0872	30.1744	452.6304
					49,022.1248

NOTE- AREA ABOVE U.G.S.T.P & U.G.W.T. TO BE MAINTAINED AS HARD SURFACE GREEN

LEGEND:-	
[Symbol]	COMMERCIAL
[Symbol]	LAND TO BE TRANSFER TO GOVT.
[Symbol]	SERVICES
[Symbol]	OPEN/GREEN
[Symbol]	50% PLOTS FREEZE SHOWN AS
[Symbol]	15% MORTGAGED PLOTS SHOWN AS

PROJECT:-
REVISED LAYOUT PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 12.10625 ACRES IN THE REVENUE ESTATE OF VILLAGE BEHRAMPUR, SECTOR-73, G.M.U.C., DISTT. GURUGRAM.

OWNER:-
DEVELOPED BY BARNEET SINGH S/O RAO NARBIR SINGH C/O AB REALTY PVT. LTD. 261/18 CIVIL LINES, GURUGRAM.

RUBY JAIN
ARCHITECTURE INTERIOR DESIGNING PLANNING
C-10, Tower 17-B, Shiksha Road, Mayapuri, Sector 18, Gurgaon, Haryana 122001
M. 9810200000
Mail: project@rjaininterior.com

OWNERS SIGNATURE:-
ARCHITECT SIGNATURE:-
Harish Kumar
B.Arch. M.C.A.
CA/2004/33677

DRAWING TITLE:-
SITE LAYOUT PLAN
ROAD NETWORK

DATE:- SEPT-2021
SCALE:- 1:550 (A1)

NORTH
SHEET NO. 01