

HSVP SUBMISSION REPORT

ON

"SERVICES PLAN AND ESTIMATE"

FOR EXTERNAL DEVELOPMENT WORKS

**(SEWERAGE, STORM WATER DRAINAGE, WATER SUPPLY,
ROAD WORKS, STREET LIGHTING & HORTICULTURE)**

FOR

**"INTEGRATED RESIDENTIAL PLOTTED COLONY"
AREA MEASURING 71.28125 ACRES (LICENCE NO 124)
UNDER NILP POLICY IN SECTOR 3, 4 & 4A, PINJORE KALKA
URBAN COMPLEX,
DISTRICT PANCHKULA, HARYANA**

BEING DEVELOPED BY:

**M/S TRIDENT HILLS PRIVATE LIMITED
(FORMELY KNOWN AS IREO FIVE RIVER PRIVATE LTD)**

NOVEMBER, 2022

DESIGN REPORT

INTERNAL

ESTIMATE FOR PROVIDING EXTERNAL DEVELOPMENT WORKS FOR PROPOSED INTEGRATED RESIDENTIAL PLOTTED COLONY IN SECTOR 3, 4 & 4A, PINJORE KALKA URBAN COMPLEX, DISTRICT PANCHKULA, HARYANA

Panchkula, A town of Haryana state is situated on National Highway, at a distance of about 300 Kilometers from Delhi. Panchkula is important city of Haryana. It has proximity to Himachal Pradesh. It also shares its boundaries with Pinjore & Himachal Pradesh in the north.

As provided by external services in site plan, area, roads, street lighting, etc.
This service estimate has been framed for the area of 71.28125 acres of residential plotted colony being developed by M/s Trident Hills Private Limited. The services have been designed with a view to integrate any further extension of area with the presently licensed area and also with master / external services to be laid by HSVP, with salient features as under.

1. WATER SUPPLY

Source

The present source of water supply for the proposed development shall be from ground water as the underground water in this area is sweet & potable and fit for human consumption. It has been proposed to install 3 Nos. of tube wells for the present i.e. till HSVP lays the external services to supply the water for which EDC is being paid to HSVP. It has been proposed to construct underground tanks of capacity as per attached details for domestic purpose. The underground tanks will be filled up from the proposed tube wells or HSVP riser. *was ultimate requirement of tanks which includes a standby set for water supply emergency. It has provided by our developer HSVP.*

Design

The schema has been designed for the population of 6928 persons considering 13.5 persons for general plots and 18 persons for plots under floors. The rate of water supply per head per day has been taken as 172.50 liters as per HSVP norms. The total water supply requirement calculations for the populations are given in attached sheets. The pipe lines have been designed on "Hazen - William formula" with value of "C" as 100 & taking peak Factor of 3.0 as per norms & guidelines.

Distribution System

The water from the tube wells / HSVP supply mains shall be stored in to the ground level service reservoir and it will be filtered and chlorinated in the GLSR. The chlorinated water will be pumped and supply to the plots. The distribution system for this development has been designed for 172.5 liters per person per day @ 3.0 times the average flow on Hazen Williams formula with C-100. Necessary provision for laying (DI-K9) pipes conforming to IS 8329 along with valves and specials has been made in this estimate.

Pumping Equipments

It has been proposed to install pumping set as described in the detailed calculations with standby of equal capacity. The provision for standby generating set has been provided in case of any electricity failure. Generator will be provided separately or added to the capacity of main generator.

2. SEWERAGE SCHEME

The scheme is designed for sewer connecting to the STP and bypass connection from STP to the HSVP sewer mains passing along the site. The sewerage system has been marked on the respective plans. The sewer lines have been designed for three times average D.W.F. in relation to water supply demand. It has been assumed that about 80% of the domestic & flushing water supply shall find its way into the sewerage system. Sewer lines shall be laid to a gradient, so that minimum required self-cleaning velocity is maintained.

Sewer lines shall be running by gravity and discharge to the Proposed STP. Treated effluent from STP will be used for horticulture & flushing system. However, surplus treated effluent, if any, will be discharged in to HSVP sewerage system.

Necessary provisions for laying HDPE DWG pipeline; construction of manholes and vent shafts, STP etc. have been made in the estimate. Necessary design statement for entire sewerage system has been prepared and attached with estimate.

3. STORM WATER DRAINAGE

It is proposed to lay underground RCC NP3 pipe with required number of manholes / catch basins for disposal of storm water which will be connected to rainwater harvesting structures and recharged to underground aquifer as per CGWA guidelines and EIA norms. Overflow connections shall also be provided to connect excess storm-water run-off in case of sudden high downpour by laying a Storm water line from the proposed site will be connected to main HSVP storm water line on HSVP sector road.

The intensity of rainfall has been taken as 6.25 mm per hour. A minimum size of 400 mm dia RCC NP3 for storm water will be provided and designed as per Manning's formula. Necessary provision of rain water harvesting arrangement has also been taken in this estimate.

4. ROADS:

The cost for the same has been considered in the estimate. The work will be carried out in accordance with the standard specifications of Ministry of Road Transport and Highways (MoRT&H) and PWD (B&R) department of Haryana Govt. *with 200 mm for 250 mm main storm water pipe and 150 mm B.C.*

5. STREET LIGHTING

Provision for street lighting of proposed area has been made.

6. HORTICULTURE

Estimates and details of plantation, landscaping, signage, etc. has been included. *see Part 4 (Part 4 of EIA)*
by PWD of Haryana Govt.

7. SPECIFICATIONS

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

8. RATES

The estimate has been based on the present market rates.

9. COST


5968.60 lacs
~~5370~~

The total cost of the scheme, including cost of all services works out to be Rs. ~~5370~~ lakhs (Rupees Fifty Three Crores Eighty Five Lakhs only) including 3% contingencies & 40% departmental charges and cost per acre comes out to ~~75.33~~ lakhs/-

94.60 ~~75.33~~ lacs per
acre.

For Trident Hills Pvt. Ltd

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Private Limited)


Authorized Signatory / Authorized Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Katta Urban Complex, District Panchkula, Haryana

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Katta Urban Complex, District Panchkula, Haryana													
Name of Work: Main Design Calculations													
S.No.	Description	Type of Plot	No. of Plots	Population Density Per Plot	Total Population	Basis of Water Design	LPCD Factor for Domestic Water Req. Use (LPCD)	LPCD Factor for Flushing Water Req. Use (LPCD)	Total Water Req. for Domestic Use (LPCD)	Total Water Req. for Flushing Use (LPCD)	Total Water Requirement (LPCD)	Net Flow to Sewer %	Waste water Generation
				(Persons)	(Persons)	(LPCD)	(LPCD)	(LPCD)	(LPCD)	(LPCD)	(LPCD)		(LPCD)
I. Daily Water Demand													
1. Water Requirement for Residential Plots													
i)	Block A	Plots	172	3.50	602.00	172.50	112.50	60.00	185288.00	58620.00	244108.00	80%	227258.00
ii)	Block B	Plots	18	15.00	270.00	172.50	112.50	80.00	33450.00	18440.00	51890.00	80%	44712.00
iii)	Block C	Plots	72	13.50	972.00	172.50	112.50	80.00	166350.00	59320.00	225670.00	80%	134136.00
iv)	Block D	Plots	156	13.50	2106.00	172.50	112.50	80.00	372138.00	134460.00	506598.00	80%	302258.00
v)	Sub Total		507		3856	172.50	112.50	80.00	779176.00	415580.00	1194756.00	80%	957308.00
2. Water Requirement For Non Residential Plots													
i)	Commercial @ 1.603 Acres				1.308 A	5000 LTR/MS	3000.00	2000.00	3000.00	2000.00	5000.00	80%	3999.00
ii)	Primary School @ 0.54 Acres				0.54 A	5000 LTR/MS	3000.00	2000.00	3000.00	2000.00	5000.00	80%	4000.00
iii)	Nursery School 1 @ 0.224 Acres				0.224 A	10000 LTR/MS	5000.00	4000.00	5000.00	4000.00	9000.00	80%	8000.00
iv)	Nursery School 2 @ 0.209 Acres				0.209 A	10000 LTR/MS	5000.00	4000.00	5000.00	4000.00	9000.00	80%	8000.00
v)	Nursing Home 1 @ 0.260 Acres				0.26 A	10000 LTR/MS	5000.00	4000.00	5000.00	4000.00	9000.00	80%	8000.00
vi)	Nursing Home 2 @ 0.247 Acres				0.247 A	10000 LTR/MS	5000.00	4000.00	5000.00	4000.00	9000.00	80%	8000.00
vii)	Clinic 1 @ 0.054 Acres				0.054 A	5000 LTR/MS	3000.00	2000.00	3000.00	2000.00	5000.00	80%	4000.00
viii)	Clinic 1 @ 0.053 Acres				0.053 A	5000 LTR/MS	3000.00	2000.00	3000.00	2000.00	5000.00	80%	4000.00
ix)	Taxi Stand @ 0.53 Acres				0.5 A	5000 LTR/MS	3000.00	2000.00	3000.00	2000.00	5000.00	80%	4000.00
Sub Total													
Total Water Requirement for Residential & Non Residential Plots													
Sub Total													
B. Water Requirement for Horticulture Purposes													
Water Requirement for Horticulture/Greenery													
Total Green Area = 21745 M ² or 5.273 Acre @ 25KL/Acre/Day = 5.273 A 25000 PA													
Total for Horticulture/Greenery (Say)													
Water Requirement for Road Maintenance/Horticulture													
Total Road Area = 61,518 M ² or 20,144 Acre @ 8KL/Acre/Day = 20,144 A 5000 PA													
Total for Road Maintenance/Horticulture (Say)													
Total Water Requirement for Horticulture Purposes in (Cum/Day)													
GRAND TOTAL WATER REQUIREMENT FOR ALL PURPOSES (in Cum/Day)													
15720													

FOR TRIDENT ALLS PRIVATE LIMITED
 (Formerly known as Trident Private Limited)

[Signature]
 Authorised Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Piniore Katka Urban Complex, District Panchkula, Haryana		Name of Work: Final Design Calculations	
II. Fire Water Demand			
a	Total Population (P) =	5628	Persons
b	Water Requirement for Fire Reserve (KL) =	263.17	KL
	Say	270.00	KL
III. Tubewells			
a	Yield of Tubewell	30	M ³ /Day
b	Working Hours per Day	16	Hours
c	Total Daily Domestic Water Demand	480	M ³ /Day
d	Number of Tubewells required (as per Demand/Distribution Hours working per day)	30	Nos
e	Add 5% as standby	315	Nos
f	Total	315	Nos
IV. Pumping Machinery for Tubewells			
a	Gross Working Head	70	Meter
b	Average fall in S.L.	2	Meter
c	Depression Head	5	Meter
d	Friction loss in main	8	Meter
e	Discharge	85	Meter
f	Motor Power HP = $(20000 \times 85 \times 1.1) / (60 \times 0.6 \times 0.6)$	20000	HP
	Say	19.48	HP
		12.50	HP
V. Under Ground Water Tanks			
a	Total Water Demand (Daily for Domestic Purposes)	480	M ³ /Day
b	Storage Capacity	550	M ³
c	U.G. Tank Capacity Required	18	Hours
d	U.G. Tank Capacity Provided	500	M ³
e	Total Water Demand (Daily for Flushing Purposes)	480	M ³ /Day
f	Storage Capacity	1000	M ³
g	U.G. Tank Capacity Required	1.35	Hours
h	U.G. Tank Capacity Provided	500	M ³
i	U.G. Tank Capacity for Fire	500	M ³
	Total	1000	M ³

FOR TRIDENT PRIVATE LIMITED
 (Formerly known as Triveni Private Limited)

[Signature]
 Authorised Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pitajore Kalka Urban Complex, District Panchkula, Haryana		Name of Work: Water Design Calculations	
VI.	Boring Machinery for Water Supply Pumps		
A	Domestic Water Transfer Pump	5.25	M/Day
I	Total Domestic Water Demand	1.6	M ³ /HR
II	Discharge per hour @ 12 hr Pumping Day	1.6	LPM
III	No. of working pumps	2	Nos
IV	Proposed Pump Discharge	800.00	LPM
V	Gross Working Head	5	Meter
VI	Suction Lift - Positive Suction	2.0	Meter
VII	Friction Loss in Main & Specials	4.5	Meter
VIII	Total Head	7.5	Meter
IX	H.P. of Each Pump Required	10.00	HP
It is Proposed to Provide Nos. of Pumps 2 working + 1 standby of 10.00 HP Each			
B	Flushing Water Transfer Pump	7.25	M/Day
I	Total Flushing Water Demand	6.5	M ³ /HR
II	Discharge per hour @ 12 hr Pumping Day	1.08	LPM
III	No. of working pumps	2	Nos
IV	Proposed Pump Discharge	523.42	LPM
V	Gross Working Head	4.68	Meter
VI	Suction Lift - Positive Suction	3.5	Meter
VII	Friction Loss in Main & Specials	2	Meter
VIII	Total Head	10.18	Meter
IX	H.P. of Each Pump Required	10.00	HP
It is Proposed to Provide 3 Nos. of Pumps (2 working + 1 standby) of 10.00 HP Each			
VII.	Generating Sets for Water Supply Pumps		
a	HP for Tubewells	57.58	HP
b	HP for Domestic Water Supply Pumps	20	HP
c	HP for Flushing Water Supply Pumps	20	HP
	Total	97.58	HP
	in KVA	2228.52	KVA
	Say	2200	KVA

4550 Nos. of Pumps = 10850 KVA

Say 10850 KVA

FOR TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Panchkula Pumps Limited)



Authorized Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjora Kalka Urban Complex, District Panchkula, Haryana

**ESTIMATE FOR DEVELOPMENT OF EXTERNAL SERVICES FOR
INTEGRATED RESIDENTIAL PLOTTED COLONY AT SECTOR 3, 4 AND 4A, PINJORA KALKA
URBAN COMPLEX, DISTRICT PANCHKULA, HARYANA**

FINAL ABSTRACT OF COST

Sl.No.	Head No.	Particulars	Amount in Lacs
1	SUB WORK NO. I	WATER SUPPLY & FIRE FIGHTING	636.78 408.50
2	SUB WORK NO. II	SEWERAGE SCHEME	491.72 292.94
3	SUB WORK NO. III	STORM WATER DRAINAGE	616.22 468.07
4	SUB WORK NO. IV	ROADS & FOOT PATHS	1942.22 1896.58
5	SUB WORK NO. V	STREET LIGHTING	241.94 248.79
6	SUB WORK NO. VI	PLANTATION & ROAD SIDE TREES	35.64
7	SUB WORK NO. VII	MAINTENANCE CHARGES & RE-SURFACING ROADS FOR 10 YEARS	1492.85 2054.47
		Total	5368.99
		Say	5370.00

(Rupees Fifty Three Crore & Seventy Lacs Only)

Cost Per Acre = Rs 5370 / 71.28125 = Rs 75.33 Lacs Per Acre

5965.60 lacs / 63.058 = Rs. 94.60 lacs Per gross acre.

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Private Limited)

AUTHORISED SIGNATORY
Authorised Signatory

(N.K. Payal)
Executive Engineer
PMDA, Panchkula

Sub-Divisional Engineer
PMDA, Panchkula

Checked subject to Comments
In forwarding letter No. 6905
Dt. 10/01/2023 and notes
attached with the estimate

Service Estimate

Supervising Engineer (HO)
for Civil


Page 7

Sub Work No 1

Water Supply System

Abstract of Cost for Water Supply System Works

Sr. No	Head No.	Particulars	Amount in Lacs	
1	Sub Head No. 01	HEAD WORKS	145.90 93.90	12-6-05
2	Sub Head No. 02	PUMPING MACHINERY	45.00 29.75	4-2-00
3	Sub Head No. 03	RISING MAIN FROM HSVP & TUBEWELLS	22.80 16.88	18-2-80
4	Sub Head No. 04	WATER SUPPLY DISTRIBUTION SYSTEM (50mm dia. Fire Main & W/S)	192.76 115.22	1-2-82-84
5	Sub Head No. 05	EXTERNAL FIRE HYDRANT	3.83 2.93	3-6-77
6	Sub Head No. 06	IRRIGATION SYSTEM	4.52	4-7-72
		Total	419.92	
		Add 3 % contingencies & PE charges.	12.60	
		Total	432.52	3-3-1-87
		Add 49 % Departmental charges, Price escalation, unforeseen, Admin. Charges.	209.51 133.24	6-2-87-89
		Total	642.07	4-5-84
		C/O. to final abstract of cost (say in Lacs)	405.80	
			5-2-87	

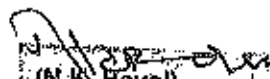

 (N.R. Payal)
 Executive Engineer
 PMDA, Panchkula

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Iroo Property Private Limited)

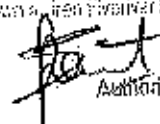
 Authorized Signatory


 Sub-Divisional Engineer
 PMDA, Panchkula

Sub Work No. 1		Water Supply		
Sub Head No. 01		Head Works		
Sr.No.	Description	Unit	Qty.	Amount in Rs.
1	Horing and installing Tube Well with reverse rotary rig complete with pipe & fittings and strainer to a depth of about 120 metre in all respects.	Nos	3	3000000.00 45.00 lacs
2	Provision for construction of Tube Well chambers of Size 4.5m x 4.5m for Flushing Tube Well as per [unclear] [unclear] [unclear]	Nos	3	1500000.00 7.00 lacs
3	Construction of RCC underground water storage tank of capacity 1220 KL including of fire fighting with inlet, outlet & overflow connections. (600 Domestic + 450 Flushing + 270 Fire = 1220/1320 KL.)	KL	1320	6400000.00 59.40 lacs
4	Provision for Construction of boosting chamber (Pump Room) of required size along with underground water tank for pumping machinery & generating set etc. complete in all respects.	Each	1	450000.00
5(a)	Provision for construction of boundary wall and gate around the water works and tubewell.	(LS)	1	250000.00
5(b)	For [unclear]	(LS)	1	250000.00
6	Provision for cartage for materials and other foreseen items.	LS	1	50000.00
7	Provision of 5% quantity of 550000		3	1500000.00
Total Cost				9290000.00 145.90 lacs
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)				92.90


 (N.K. Payal)
 Executive Engineer
 PMDA, Panchkula

FOR PROJECT HIS LS PRIVATE LIMITED
 (Panchkula, Haryana)


 Authorized Signatory


 Sub-Divisional Engineer
 PMDA, Panchkula

Approved by
 [unclear]
 PANCHKULA

Sub Work No. 1 Sub Head No. 02				Water Supply Pumping Machinery	
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing and installing (Domestic water) electricity driven pumping Set capable of delivering about 500 LPM of water against a total Head of 40 M complete with motor and other accessories (10.0 HP each). (2working + 1 standby)	Nos	3	175000	525000.00
2	Providing and installing (Flushing water) electricity driven pumping Set capable of delivering about 360 LPM of water against a total Head of 40 M complete with motor and other accessories (10.0 HP each). (2working + 1 standby)	Nos	3	150000	450000.00
3	Providing and installing Submersible Pumps for Tube Well, Capacity 20000 LPM at 85 M head complete in all respects.	Nos	3	125000	375000.00
4	Provision for Electrical panel including cables, electrical fittings and service connections for tube-well and boosting chamber etc.	LS	3	115000	345000.00
5	Providing and installing of diesel engine generating set for standby arrangements to run the water supply pumps complete with gear head arrangements of following capacities.				10.00
a)	82.5 KVA TDS	Nos	1	350000	350000.00
6	Provision for making foundations and erection of Pumping Machinery.	LS		50000	50000.00
7	Provision for chlorination plant complete.	Nos	1	50000	50000.00
8	Provision for pipes, valves and specials inside boosting chamber.	LS		250000	250000.00
9	Provision for carriage for materials and other foreseen items.	LS		75000	75000.00
Total Cost					2875000.00
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)					28.75

(N.K. Payal)
(N.K. Payal)
 Executive Engineer
 PWD, Panchkula

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Trident Private Limited)
(Signature)
 Authorised Signatory

(Signature)
 Sub-Inspector Engineer
 PWD, Panchkula

(Signature)
 Sub-Inspector Engineer
 PWD, Panchkula
 PANCHKULA

Sub Work No. 1		Water Supply			
Sub Head No. 03		Rising Main from HSVP & Tubewells			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing, laying, jointing and testing of pipe lines including Cost of excavation etc. complete in all respects.				
a)	100 mm dia DI.	Meter	500	14600	7300000.00
b)	150 mm dia DI.	Meter	365	14000	5100000.00
c)	200 mm dia DI.	Meter	65	18500	1202500.00
				27100	1761000
2	Providing and fixing sluice valve including cost of surface box and masonry chamber etc. complete in all respects				
a)	100 mm dia	Nos	3	7500	22500.00
b)	150 mm dia	Nos	1	10000	10000.00
c)	200 mm dia	Nos	1	15000	15000.00
3	Providing and fixing air release valves.	Nos	2	10000	20000.00
4	Providing and fixing indicating plates for sluice valve and air Valves.	Nos	14	1000	14000.00
5	Provision for carriage for materials and other foreseen items.	LS		50000	50000.00
6	Provision for making water supply connection with HSVP line on master road	LS		85000	85000.00
7	Provision for cutting of roads and making good to its original conditions.	LS		50000	50000.00
Total Cost					1687760.00
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)					16.88

8.61 lacs
7.45 lacs
1.96 lacs
2.36 lacs
0.15 lacs
0.20 lacs
1.00 lacs
0.85 lacs
1.00 lacs
16.88 lacs

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Indraprastha Estate Limited)

[Signature]
Authorized Signatory

[Signature]
(N.K. Payal)
Executive Engineer
PMDA, Panchkula

[Signature]
Sub Divisional Engineer
PMDA, Panchkula

[Signature]
Supervising Engineer
HSVP, Panchkula
PANCHKULA

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Katka Urban Complex, District Panchkula, Haryana

Sub Work No. 1 Sub Head No. 04		Water Supply Water Supply Distribution System (Domestic & Flushing)			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing, laying, jointing and testing of pipe lines including cost of excavation etc. complete in all respects. (For Domestic Water Supply)			1460/-	6184500.00
a)	100 mm dia DI.	Meter	4765	1300	6194500.00
b)	150 mm dia DI.	Meter	922	1580	1475200.00
c)	200 mm dia DI.	Meter	246	1820	455100.00
2	Providing, laying, jointing and testing of uPVC pipe lines conforming to IS 4985 including cost of excavation etc. complete in all respects. (For Flushing Water Supply)		4386	1460/-	1599756.00
a)	80 mm dia uPVC DI	Meter	3255	400	1302000.00
b)	100 mm dia uPVC DI	Meter	1130	550	621500.00
c)	150 mm dia uPVC DI	Meter	1200	800	960000.00
3	Providing and fixing sluice valve including cost of surface box and masonry chamber etc. complete in all respects			1220/-	60000.00
a)	80 mm dia	Nos	12	5000	60000.00
b)	100 mm dia	Nos	17	7500	127500.00
c)	150 mm dia	Nos	5	10000	50000.00
c)	200 mm dia	Nos	2	15000	30000.00
4	Providing and fixing air release valves & scour valves.	Nos	10	10000	100000.00
5	Providing and fixing indicating plates for sluice valve and air Valves.	Nos	46	1000	46000.00
6	Provision for carriage for materials and other foreseen items.	LS		100000	100000.00
7	Provision for cutting of roads and making good to its original conditions.	LS		100000	100000.00
Total Cost.					11821800.00
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)					118.22

18.81 lacs
63.95 lacs
26.44 lacs
152000/-
127500/-
50000/-
30000/-
12672000/-
118.76 lacs

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Private Limited)

(N.K. Payal)
(N.K. Payal)
Executive Engineer
PMDA, Panchkula

(Signature)
Authorized Signatory

(Signature)
Sub Divisional Engineer
PMDA, Panchkula

(Signature)
PANCHKULA

Integrated Residential Plotted Colony at Sector 3, 4A, Pinjore Kaika Urban Complex, District Panthikola, Jharyana

Sub Work No. 1		Water Supply			
Sub Head No. 05		External Fire Hydrants			
Sr.No.	Description	Unit	Qty.	Rate	Amount In Rs.
1	Providing, laying, jointing & testing of M.S pipe line for fire mains conforming to IS: 1239 including cost of fittings, connection and excavation of earth complete in all respects.				
a)	80 mm dia	Meter	105	1060	110250.00
2	Providing and fixing of external fire hydrants with accessories complete in all respects.	Nos	21	6500	136500.00
3	Providing and fixing indicating plates for external fire hydrants.	Nos	21	1000	21000.00
4	Provision for cartage for materials and other foreseen items.	LS		25000	25000.00
Total Cost					292750.00
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)					2.93

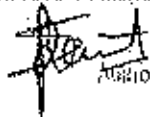
Rs 3.87 lac


For (Name of the Authority)
 (Name of the Authority)
 Authorised Signatory

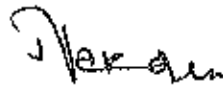
Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjora Kalka Urban Complex, District Panchkula, Haryana

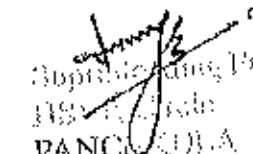
Sub Work No. 1		Water Supply Irrigation System			
Sub Head No. 06		Unit	Qty.	Rate	Amount in Rs.
1	Providing, laying, jointing and testing of uPVC pipe lines conforming to IS 4885 including cost of excavation etc. complete in all respects. (For Flushing Water Supply)				
a)	32 mm dia uPVC.	Meter	600	200	120000.00
b)	40 mm dia uPVC.	Meter	250	250	62500.00
c)	50 mm dia uPVC.	Meter	15	350	5250.00
2	Providing and fixing 25 mm dia irrigation hydrant valves complete in all respect	Nos	54	3500	189000.00
3	Provision for carriage for materials and other foreseen items.	LS		25000	25000.00
4	Provision for cutting of roads and making good to its original Conditions.	LS		50000	50000.00
Total Cost					454750.00
C/O To Abstract of Cost for Sub work No. 1 (in Lacs)					4.52

FOR TRILIGHT HILLS PRIVATE LIMITED
(Company Incorporation Number: Private Limited)


Authorised Signatory


Sub Divisional Engineer
PANCHKULA


(N.K. Payal)
Executive Engineer
PANCHKULA


Sub Divisional Engineer
PANCHKULA

Sub Work No. II		Sewerage Scheme			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing, jointing, cutting and testing HDPE DWC / SW pipe class 'A' and lowering into trenches including cost of Excavation, bed concrete, cost of manholes etc. complete			1700/-	60.15 Lacs
a)	Pipe 200 mm ϕ d avg. depth 0-2 M	Meter	3538	1275	4510950.00
b)	Pipe 200 mm ϕ d avg. depth 2-4 M	Meter	687	1850	1264850.00
c)	Pipe 250 mm ϕ d avg. depth 0-2 M	Meter	5	1800	9000.00
d)	Pipe 250 mm ϕ d avg. depth 2-4 M	Meter	5	1650	8250.00
e)	Pipe 300 mm ϕ d avg. depth 0-2 M	Meter	878	2260	1985500.00
f)	Pipe 300 mm ϕ d avg. depth 2-4 M	Meter	394	2200	865000.00
g)	Pipe 400 mm ϕ d avg. depth 2-4 M	Meter	126	3250	409500.00
2	Provision for By Pass Line from STP to municipal connection 300 mm dia, 11000 pipe	Meter	270	2500	675000.00
3	Provision for cartage of materials and other foreseen items.	LS		100000	100000.00
4	Provision for lighting and watching.	LS		75000	75000.00
5	Provision for making RSVPC Connection on master road	LS		45000	150000.00
6	Provision for providing and fixing vent shaft at suitable places as per P.H. requirements.	LS		350000	350000.00
7	Provision for temporary timbering etc.	LS		150000	150000.00
8	Provision for STP of capacity 1500 KLD. Complete in all new bed.	LS		9000000	9000000.00
9	Provision of cutting of roads and making good to its original condition.	LS		750000	750000.00
Total				330.44	18088000.00
Add 3% contingencies & PE charges.					572641.50
Total				333.07	18660641.50
Add 48% Departmental charges, Price escalation, unforeseen, Admin Charges.				161.71	9633738.84
Total					29294380.34
C/O. To Final Abstract of Cost (say in Lacs)				292.94	

19.37 lacs
 0.10 lacs
 0.41 lacs
 18.78 lacs
 11.82 lacs
 6.13 lacs

8.26 lacs
 5.00 lacs

10.00 lacs

10.00 lacs

10.00 lacs

572641.50

9633738.84

(N.K. Payal)
 Executive Engineer
 PMDA, Panchkula

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly Khocla Ireo Everever Private Limited)
 Authorised Signatory

19
 18/07/2024
 18/07/2024
 18/07/2024

Integrated Residential Plotted Colony at Sector 3, A 4A, Panchkula Urban Complex, District Panchkula, Haryana

Sub Work No. III		Storm Water Drainage Scheme			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing, laying and testing RCC NP3 class pipe drain, jointed with cement mortar including cost of Excavation, bed concrete, cost of manholes etc. complete.		650	2500	1625000
a)	RCC NP3 pipe 400 mm i/d avg. depth 0-2 M	Meter	6340	2750	17435000.00
c)	RCC NP3 pipe 500 mm i/d avg. depth 0-2 M	Meter	353	3250	1147250.00
2	Provision for cost of Road gullies with 250 mm pipe connection.	IS		750000	750000.00
3	Provision for Rain Water Harvesting arrangement	Acre	71.251	150000	10687515.00
4	Provision for Shoring & Timbering.	LS		400000	400000.00
5	Provision for Lighting, Watching & Temp. Drain Arrangements	LS		250000	250000.00
6	Provision for cartage of materials and other foreseen items.	LS		750000	750000.00
7	Provision for making HSVT Connection on master road	IS		150000	150000.00
8	Provision of cutting of roads and making good to its original condition.	LS		750000	750000.00
Total				401.5	30499445.00
Add 3% contingencies & PE charges.				12.05	914883.35
Total				413.55	31414328.35
Add 49% Departmental charges, Price escalation, unforeseen, Admin Charges.				203.55	15307089.89
Total					46721418.24
C/O. To Final Abstract of Cost (say in Lacs)				616.22	468.07

For TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Panchkula Fiveriver Private Limited)

[Signature]
Chief Engineer
PANCHKULA

[Signature]
Authorised Signatory

[Signature]
Executive Engineer
PRDA, Panchkula

[Signature]
Sub Divisional Engineer
PRDA, Panchkula

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

Sub Work No. IV		Roads & Foot Paths			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing for levelling and earth filling as per site condition.	Acres	71.281	175000	12474218.75
2	Providing 200mm thick granular sub base 225 mm thick wet bound macadam and 50 mm thick bituminous macadam and 30mm thick semi-dense bituminous concrete.	Sq.m	63005	11450	7202250.00
3	Provision for kerbs and channels of OC (1:2:4) on both sides of roads.	Meter	12080	600	7248000.00
4	Provision for foot paths on both side of roads.	Sq.m	32975	750	24731250.00
5	Provision for marking approach - spe - pavement to building. Area (i.e. 50% of the area)	LS	1593	500000	500000.00
6	Provision for plot indicator board, guide map & demarcation of burglar and making parking arrangements with thermoplastic paint.	LS	350000	10000	3500000.00
7	Provision for traffic light arrangement.	LS	400000	10000	4000000.00
8	Provision for cartage of materials and other foreseen items.	LS	150000	10000	1500000.00
Total				1265733	123649718.75
Add 3% contingencies & PE charges.				37972	3703493.56
Total				1303705	127153210.31
Add 49% Departmental charges, Price escalation, unforeseen, Admin Charges.				636277	62305073.03
Total				1940000	189458283.34
G/O. To Final Abstract of Cost (say in Lacs)				1940	1894.58

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Geo Flyover Private Limited)

[Signature]
Authorised Signatory

[Signature]
(N.K. Payal)
Executive Engineer
PMDA, Panchkula

[Signature]
Superintending Engineer
HST, Panchkula
PANCHKULA

[Signature]
Sub Divisional Engineer
PMDA, Panchkula

Integrated Residential Plotted Colony at Sector 3, 4 4A, Plojore Kalke Urban Complex, District Panchkula, Haryana

Sub Work No. V		Street Lighting			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing street lighting on roads as per standard specification of UHEVNL, <i>as per spec. (1-1)</i>	Acres	71.281	2,50,000 209300	14256250.00
	Total				14256250.00
	Add 3% contingencies & PE charges.				427687.50
	Total				14683937.50
	Add 49% Departmental charges, Price escalation, unforeseen, Admin Charges.				7186129.38
	Total				21879066.88
	G/O. To Final Abstract of Cost (say in Lacs)				218.79

157.65 la
4.72 lacs
162.37 lacs
79.57 lacs
241.94 la

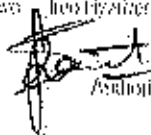
FOR HEBBENTHELS INFRA. LIMITED
(formerly 'Greenway' (Pvt) Limited Panchkula)

[Signature]
Authorized Signatory

Sub Work No. VI		Plantation and Road side Trees			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Development of lawn areas				
a	Trenching the ordinary soil up to dept of 60cm including removal and stacking of surviceable materials and disposing of by spreading and levelling within a lead to 50m and making up the trenches area of proper leads by filling with earth mixed with manure before and after flooding trench with water including cost of imported earth and manure.				
b	Rough dressing of turfed area.				
c	Grassing with "Doob Grass" including watering and maintenance of lawns for 30 days till the grass forms a thick lawn free weeds and fit for mowing in rows 7.5m apart in either direction including provision for hedges and barbed wire fencing around park.				
d	Organized green area 21745.85 Sq.m or 5.373 Acres	Acres	5.373	200000	1074600.00
2	Provisions trees, guards and planting trees along road at 12mt interval Total Road length = 5753 m (5753/12) x 2 = 960 no.s Cost Analysis for Planting of Trees Excavation @ Rs 60.00 Manure @ Rs 90.00 Tree plant @ Rs 150.00 Tree guard @ Rs. 1000.00 Total Rs. 1300 per Tree	Each	960	1300	1248000.00
	Total				2322600.00
	Add 3% contingencies & PF charges.				69878.00
	Total				2392278.00
	Add 49% Departmental charges, Price escalation, unforeseen, Admin Charges.				1172216.22
	Total				3564494.22
	G/O. To Final Abstract of Cost (say in Laos)				38.88

38.88 laos

For PRUDENT HILLS PRIVATE LIMITED
(Formerly known as Prudent Private Limited)


Authorized Signatory

Sub Work No. VII		MYC Charges & Re-surfacing of Roads			
Sr.No.	Description	Unit	Qty.	Rate	Amount in Rs.
1	Providing of maintenance charges for water supply, storm water drainage, sewerage, Road, Street lighting, Horticulture etc. complete in all respect including Operational and establishment charges as per HUDA norms for 10 years completion	Acres	71.281	8 nos/acre 778000	55242985.75
2	Providing of resurfacing of roads after 1st 5 years of maintenance with 50 mm thick B.M. layer & 25 mm thick premix carpet with seal coat. R.C.	Sq.m	63005	875	55069375.00
3	Providing of resurfacing of roads after 10 years with 25 mm thick premix carpet with seal coat. R.C.	Sq.m	53805	800	43044000.00
	Total				139867043.75
	Add 3% contingencies & PE charges.				4016055.34
	Total				143883099.09
	Add 49% Departmental charges, Price escalation, unforeseen, Admin Charges.				67563100.74
	Total				211446200.83
	C/O. To Final Abstract of Cost (say in Lacs)		1997.65		2054.42

For TIMBER HILLS PRIVATE LIMITED
(Formerly known as Timber Private Limited)

[Signature]
Authorised Signatory

[Signature]
(N.K. Payal)
Executive Engineer
PMDA, Panchkula


[Signature]
Sub Divisional Engineer
PMDA, Panchkula

[Signature]
PANCHKULA

Integrated Residential Piped Colony at Sector 3, 4 & 4A, Pinjore Kaika Urban Complex, District Panchkula, Haryana

Name of Project: Integrated Residential Piped Colony at Sector 3, 4 & 4A, Pinjore Kaika Urban Complex, District Panchkula, Haryana											
Name of Work: Hydraulic Design Calculation of Tubewell & HSVP Water Supply Lines											
S.No.	Name of Line No	Length in Metre		Average Water Discharge in KLPH		Peak Discharge @ 1.5x Average Discharge	Total Discharge in Cumiftr	Diameter of Pipe in mm	Velocity in m/sec	Head Loss (Mtr/Mtr)	Total Head Loss in Mtr
		Self	Previous	Self	Previous						
A Tubewell Water Supply											
1	TW1 - T1	330	0.00	20.00	0.00	30.00	30.00	100	1.060	0.022	5.63
2	TW2 - T1	210	0.00	20.00	0.00	30.00	30.00	100	1.060	0.022	4.84
3	T1 - T2	20	0.00	40.00	40.00	60.00	60.00	150	0.843	0.011	0.22
4	TW3 - T2	80	20.00	0.00	20.00	30.00	30.00	100	1.060	0.022	1.77
5	T2 - LGT	65	0.00	60.00	60.00	90.00	90.00	200	0.796	0.006	0.38
B HSVP Water Supply											
1	HSVP MAINS - LGT	345	859.00	0.00	859.00	1288.50	859.00	150	0.543	0.009	3.11


Sd/- PUNIT KULSRIKAWAL, EIT
(General Sd/-, HSVP Project Engineer)


Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

Name of Project Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana											
Name of Work: Material Statement of Tubewell & HSVP Mains Water Supply Lines											
S.No.	Name of Line No	Length in Metre	Diameter of Pipe in mm	Length of Tubewell & HSVP Water Distribution Lines				Sluice Valves			Air Release Valve
				200 mm	150 mm	100 mm	200 mm	150 mm	100 mm		
A Tubewell Water Supply											
1	TW1 - T1	300	100	0	0	300					1
2	TW2 - T1	210	100	0	0	210					1
3	T1 - T2	20	150	0	20	0					
4	TW3 - T2	80	100	0	0	80					1
5	T2 - JGT	65	200	65	0	0	1				1
B HSVP Water Supply											
1	HSVP MAINS - UGT	345	150	0	345	0			1		1
Total		1020		65	365	590	1	1	3		2

For
 (City Engineer, Panjore Private Limited)


 Authorized Signatory

S.No.	Name of Water Line	Length in Meters	Average Water Discharge in l/s		Total Discharge in Cum/hr	Diameter of Pipe in mm	Velocity in m/sec	Head Loss in Mtr	Total Head Loss in Mtr	Formation Level (in Mtr)		Hydraulic Level (in Mtr)		Terminal Head (in Mtr)		Remarks
			Self	Previous						Start	End	Start	End	Start	End	
1	101-2	55	3.00	858.18	107.273	200	0.943	0.008	0.008	482.00	482.00	492.50	492.50	30.00	25.22	
2	2-1	32	21.26	9.00	69.79	100	0.104	0.000	0.000	486.00	486.00	482.21	482.21	26.22	25.71	
3	2-11	13	0.02	206.92	2519.77	200	0.824	0.008	0.010	486.00	485.20	492.22	492.12	26.22	26.72	
4	4-10	34	3.00	188.51	305.57	100	0.745	0.011	0.039	485.00	485.20	492.12	491.75	26.12	25.53	
5	10-9	52	26.52	3.00	25.81	100	0.114	0.000	0.002	485.20	487.00	491.75	491.75	25.93	25.71	
5	10-8	47	0.00	142.69	429.06	100	0.530	0.008	0.000	485.20	486.50	491.75	491.31	25.50	24.85	
7	8-7	59	4.01	0.00	41.01	100	0.181	0.001	0.000	486.50	487.00	481.25	481.25	24.83	24.25	
8	8-6	40	0.00	101.88	127.69	100	0.449	0.006	0.022	486.50	486.70	491.25	491.12	24.83	24.42	
9	8-5	125	51.84	0.00	51.84	100	0.228	0.001	0.016	486.70	487.50	491.12	490.86	24.42	23.45	
10	5-4	47	0.00	50.04	160.13	100	0.221	0.001	0.000	486.70	486.80	491.12	491.05	24.42	24.26	
11	4-3	114	44.04	0.00	44.04	100	0.155	0.001	0.015	486.20	487.20	491.05	490.95	24.26	23.73	
12	4-2B	117	6.00	0.00	6.00	100	0.027	0.000	0.000	486.00	483.50	481.05	481.06	24.38	27.56	
13	11-2B	198	47.08	62.32	688.42	200	0.758	0.005	0.000	486.00	483.00	492.12	492.12	26.12	28.12	
14	2B-27	45	0.00	214.07	214.37	150	0.420	0.002	0.111	483.00	482.20	481.01	481.01	26.12	28.51	
15	27-28	75	12.15	0.00	12.15	100	0.054	0.000	0.001	482.20	484.50	481.01	481.01	28.81	25.51	
15	27-25	55	0.00	201.82	201.92	150	0.237	0.002	0.016	482.20	482.20	481.01	480.87	28.81	28.67	
17	25-24	122	22.71	0.00	22.71	100	0.100	0.000	0.000	482.20	482.20	481.01	480.87	28.81	28.83	
18	25-23	73	0.00	179.22	179.22	150	0.352	0.002	0.000	482.20	482.20	480.87	480.74	28.81	28.44	
19	23-22	50	8.06	55.31	71.38	100	0.315	0.002	0.012	482.20	483.05	480.74	480.62	28.44	27.57	
20	22-21	61	15.71	0.00	16.71	100	0.274	0.000	0.001	483.05	484.00	480.62	480.51	27.57	26.61	

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Iro Environmental Private Limited)

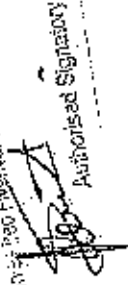
Authorized Signatory

Integrated Residential Flatted Colony at Sector 3, 4 & 4A, Pignore Kalyan Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length		Average Water Discharge in KLD		Peak Discharge @ 3x Average Discharge	Total Discharge in Cum/Day	Diameter of Pipe in mm	Velocity in m/sec	Head Loss (m/100m)	Total Head Loss	Formulation Level (in Mtr)		Hydraulic Level (in Mtr)		Terminal Head (in Mtr)		Remarks
		in Metre	in Metre	Self	Previous							Total	Start	End	Start	End	Start	
21	25-21	54	7.59	41.01	43.60	145.81	9.375	100	3.215	5.007	5.007	463.50	463.52	463.52	480.56	27.57	27.06	
22	20-18	72	21.38	0.00	21.38	63.79	2.859	100	3.054	5.000	5.000	463.50	454.75	463.55	481.54	27.05	25.79	
23	20-18	62	3.04	16.71	13.75	59.24	2.465	100	3.037	5.000	5.000	463.50	464.80	463.58	480.54	27.35	25.74	
24	16-17	48	9.41	0.00	0.71	27.84	1.633	100	3.040	5.000	5.000	454.80	465.00	463.54	482.54	23.74	25.54	
25	15-18	45	7.59	0.00	7.59	22.78	3.949	100	3.394	5.000	5.000	464.80	455.20	463.54	483.54	25.74	25.34	
26	25-15	222	21.25	36.57	107.63	323.60	3.479	100	4.479	5.005	5.11	462.30	462.50	460.74	425.62	23.44	27.12	
27	15-14	217	27.34	0.00	27.34	82.01	3.617	100	4.121	5.000	5.005	462.50	465.00	489.54	27.12	23.54		
28	15-13	55	0.00	59.23	59.23	177.66	7.404	100	3.262	5.002	5.003	462.50	482.00	489.52	489.53	27.12	27.53	
29	15-11	32	41.01	0.00	41.01	123.02	5.126	100	5.181	5.001	5.14	462.00	486.00	489.53	489.39	27.53	29.39	
30	15-12	211	0.00	16.23	16.23	54.98	2.273	100	3.081	5.000	5.04	462.00	465.75	489.53	489.49	27.53	23.74	
31	12-4	45	16.23	0.00	16.23	54.98	2.278	100	3.031	5.000	5.01	465.75	465.00	480.48	489.46	23.74	23.55	
32	20-23A	53	2.11	396.15	407.28	1221.79	53.900	150	3.820	5.009	5.81	463.50	453.50	461.12	450.32	28.12	26.52	
33	26A-26B	182	45.04	0.00	45.04	135.11	5.630	100	3.199	5.001	5.16	463.50	482.20	480.32	480.13	25.82	27.93	
34	26A-29	75	0.00	533.11	353.11	1059.34	44.139	150	3.600	5.005	5.45	463.50	453.50	490.32	489.26	26.02	26.36	
35	28-31	150	15.13	337.96	353.11	1059.34	44.139	150	3.593	5.006	5.84	463.50	451.50	489.26	488.82	26.36	27.42	
36	31-30	63	15.71	0.00	16.71	50.72	2.088	100	3.077	5.000	5.01	461.50	463.20	488.82	488.81	27.42	25.71	
37	31-33	29	0.00	34.26	321.28	933.77	40.157	150	3.891	5.005	5.35	481.50	451.00	488.82	488.77	27.42	27.77	
38	33-32	113	15.13	3.00	5.18	45.26	1.936	100	3.057	5.000	5.02	491.00	453.60	488.77	488.76	27.77	25.35	
39	33-25	51	6.08	230.39	306.07	918.20	38.256	150	3.821	5.005	5.25	481.00	459.10	488.77	488.82	27.77	29.42	
40	35-34	68	16.19	0.00	15.15	45.39	1.999	100	3.067	5.000	5.01	489.10	450.60	488.82	488.81	28.42	27.91	
41	35-37	45	0.00	267.11	284.81	852.42	35.801	150	3.559	5.004	5.19	489.10	459.00	488.82	488.83	28.42	28.33	

FOR TRIDENT HILLS PRIVATE LIMITED

(Formerly known as Puro Fininvest Private Limited)


Authorised Signatory

S.No.	Name of Water Line	Length in Metres	Average Water Discharge in KLD			Peak Discharge @ 3x Average Discharge	Total Discharge	Diameter of Pipe in mm	Velocity in m/sec (M/S)	Head Loss in M/S	Total Head Loss	Formation Level (in Mtr)		Hydraulic Level (in Mtr)		Terminal Head (in Mtr)		Remarks
			Self	Previous	Total							Start	End	Start	End	Start	End	
42	37-38	43	7.59	0.00	7.59	0.969	100	0.064	0.000	0.00	459.00	460.00	458.33	458.33	29.33	22.92		
43	37-38	191	15.11	222.02	237.13	34.851	150	0.544	0.004	0.73	459.00	455.00	458.33	457.57	29.33	22.57		
44	38-38	113	10.53	0.00	10.53	1.323	100	0.047	0.000	0.31	455.50	455.50	457.57	457.53	32.57	32.06		
45	39-40	100	23.05	227.74	250.79	31.424	150	0.484	0.003	0.33	455.00	453.60	457.57	457.23	32.57	33.61		
46	40-41	12	0.00	148.76	148.76	18.584	100	0.637	1.002	0.17	458.80	453.60	457.23	457.06	33.03	33.46		
47	40-49	863	24.30	54.58	78.88	9.872	100	0.343	0.003	1.01	453.50	448.15	457.23	456.22	33.63	34.07		
48	41-42	233	20.25	119.40	139.65	17.456	100	0.617	0.025	1.88	453.50	451.00	457.05	455.17	33.45	34.17		
49	42-43	137	25.82	0.50	26.32	3.227	100	0.114	0.000	0.05	451.00	452.51	455.17	455.12	34.17	32.61		
50	42-44	72	12.15	81.43	93.58	11.608	100	0.413	0.504	0.28	451.00	450.00	455.17	454.89	34.17	34.89		
51	44-45	119	22.78	0.00	22.78	2.842	100	0.101	0.000	0.03	450.00	450.00	454.89	454.86	34.89	33.56		
52	44-46	72	8.10	50.55	58.65	7.351	100	0.289	0.002	0.12	450.00	449.50	454.89	454.73	34.89	34.28		
53	45-47	102	19.74	0.00	19.74	2.168	100	0.087	0.000	0.02	449.50	449.50	454.73	454.73	35.25	35.25		
54	45-48	63	8.10	22.71	30.81	3.251	100	0.106	0.000	0.03	449.50	447.00	454.73	454.75	35.25	37.75		
55	41-49	87	2.00	8.11	9.11	1.139	100	0.040	0.000	0.01	453.50	452.51	457.05	457.05	33.46	34.95		
56	43-48	74	0.00	8.11	8.11	1.139	100	0.040	0.000	0.00	452.51	451.00	457.05	457.05	34.55	35.05		
57	43-47	74	0.00	8.11	8.11	1.139	100	0.040	0.000	0.00	451.00	449.50	457.05	457.05	35.25	37.55		
58	47-48	54	8.11	0.00	8.11	1.138	100	0.040	0.300	0.01	449.50	447.00	457.05	457.04	37.55	40.04		
59	48-48	159	22.71	0.00	22.71	2.838	100	0.100	0.300	0.04	447.00	448.15	457.04	456.95	40.04	38.84		
60	49-51	57	12.15	42.53	54.68	6.824	100	0.242	0.001	0.53	445.15	446.30	456.95	456.95	38.07	37.84		
61	5-50	88	38.45	0.00	38.45	4.565	150	0.161	0.001	0.27	445.50	446.50	456.95	456.95	37.84	37.57		
62	5-52	32	5.08	0.00	5.08	0.759	100	0.027	0.000	0.00	448.50	448.50	456.95	456.95	37.84	37.54		

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as M/s. Pignare Urban)

Authorized Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Rajine Kaika Urban Complex, District Panchkula, Haryana

Name of Water Line	Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Rajine Kaika Urban Complex, District Panchkula, Haryana										Name of Work: Load on Domestic Distribution Water Supply Lines					
	PLOTS (GENERAL)					PLOTS (FLOORS)					MCN RESIDENTIAL PLOTS			FUTURE LOAD		
	No. of PLOTS	Population @ 13.5 persons / Plot	Water Requirement @ 112.5 Ltr / head / day	No. of PLOTS	Population @ 13 persons / Plot	Water Requirement @ 112.5 Ltr / head / day	Area	Type of Building	Beas of Water Requirement	Total Water Requirement	Future Area	Population @ 13 Persons / Acre	Water Requirement @ 112.5 Ltr / head / day	Gross Water Requirement (Load on Line)	Gross Water Requirement (Self Load on Line)	
1	05-2	3	40.50	0	0	0					0.000	0	0	0	0.00	
2	2-1	14	189.00	0	0	0					0.000	0	0	21253	21.26	
3	2-11	0	0.00	0	0	0					0.000	0	0	0	0.00	
4	11-10	0	0.00	0	0	0					0.000	0	0	0	0.00	
5	10-8	17	229.50	0	0	0					0.000	0	0	25819	25.82	
6	10-6	0	0.00	0	0	0					0.000	0	0	0	0.00	
7	9-7	27	364.50	0	0	0					0.000	0	0	41095	41.09	
8	2-6	0	0.00	0	0	0					0.000	0	0	0	0.00	
9	6-5	34	459.00	0	0	0					0.000	0	0	51538	51.54	
10	9-4	0	0.00	0	0	0					0.000	0	0	0	0.00	
11	4-3	28	391.50	0	0	0					0.000	0	0	44044	44.04	
12	4-20	0	0.00	0	0	0					0.000	0	0	0	0.00	
13	11-28	31	413.50	0	0	0					0.000	0	0	47091	47.09	
14	28-27	0	0.00	0	0	0					0.000	0	0	0	0.00	
15	27-26	0	0.00	0	0	0					0.000	0	0	12180	12.18	
16	27-25	0	0.00	0	0	0					0.000	0	0	0	0.00	
17	25-24	11	148.50	0	0	0					0.000	0	0	23795	23.79	
18	25-23	0	0.00	0	0	0					0.000	0	0	0	0.00	
19	23-22	4	54.00	0	0	0					0.000	0	0	5075	5.08	

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Inco Water Private Limited)


Domestic Water Load on Jines

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Authorised Signatory

S.No	Name of Water Line	PLOTS (GENERAL)			PLOTS (FLOORS)			NON RESIDENTIAL PLOTS			FUTURE LOAD			Gross Water Requirement (Based on Line)	Gross Water Requirement (Self Load on Line)
		Nos	Population @ 15.5 persons / Plot	Water Requirement @ 12.5 Lt / head / day	Nos	Population @ 16 persons / Plot	Water Requirement @ 12.5 Lt / head / day	Area	Type of Building	Basis of Water Requirement	Total Water Requirement	Area	Population @ 100 Persons / Acre		
		Nos.	LPD	LPD	Nos.	LPD	LPD	Acres	LPD	LPD	Acres	Nos.	LPD	LPD	KLD
20	20-21	11	148.50	18766	0	0	0	0.000	0	0	0.000	0	0	18708	18.71
21	20-20	5	67.50	7634	0	0	0	0.000	0	0	0.000	0	0	7604	7.60
22	20-19	14	188.00	21283	0	0	0	0.000	0	0	0.000	0	0	21283	21.28
23	20-18	2	27.00	3358	0	0	0	0.000	0	0	0.000	0	0	3338	3.34
24	18-17	6	81.00	9113	0	0	0	0.000	0	0	0.000	0	0	9113	9.11
25	18-16	5	67.50	7694	0	0	0	0.000	0	0	0.000	0	0	7594	7.59
26	23-15	14	188.00	21283	0	0	0	0.000	0	0	0.000	0	0	21283	21.28
27	15-14	18	243.00	27588	0	0	0	0.000	0	0	0.000	0	0	27588	27.59
28	15-13	0	0.00	0	0	0	0	0.000	0	0	0.000	0	0	0	0.00
29	13-14	27	384.50	41008	0	0	0	0.000	0	0	0.000	0	0	41008	41.01
30	13-12	0	0.00	0	0	0	0	0.000	0	0	0.000	0	0	0	0.00
31	12-14	12	162.00	19228	0	0	0	0.000	0	0	0.000	0	0	19228	19.23
32	28-23A	3	41.00	9113	0	0	0	3.200	0	0	3.200	0	0	9113	9.11
33	28A-20B	2	27.00	3358	0	0	0	0.914	0	0	0.914	0	0	4800	48.00
34	28A-22	0	0.00	0	0	0	0	0.000	0	0	0.000	0	0	0	0.00
35	22-21	6	108.00	12760	0	0	0	0.50	0	0	0.50	0	0	15150	15.15
36	31-30	11	148.50	16708	0	0	0	0.000	0	0	0.000	0	0	16708	16.71

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Ires Flyover Private Limited)


Authorized Signatory

Integrated Residential Plotted Colony: Sector 3, 4 & 6A, Pinjore Karkh Urban Complex, District Panchkula, Haryana

S.No	Name of Water Line	PLOTS (GENERALLY)			PLOTS (FLOORS)			NON RESIDENTIAL PLOTS			FUTURE LOAD			Gross Water Requirement (Self used or Line)	
		Nos	Population @ 13.5 persons / Plot	Water Requirement @ 12.5 Ltr / head / day	Nos	Population @ 8 persons / Plot	Water Requirement @ 12.5 Ltr / head / day	Area	Type of Building	Water Requirement	Total Water Requirement	Future Area	Population @ 100 persons / Acre		Water Requirement @ 112.5 Ltr / head / day
37	31-33	0	0.00	0	0	0	0	0.00		0	0	0	0	0	0.00
38	33-32	10	135.00	1512.5	0	0	0	0.00		0	0	0	0	0	1512.5
39	33-36	4	54.00	675.0	0	0	0	0.00		0	0	0	0	0	675.0
40	35-34	12	135.00	1518.8	0	0	0	0.00		0	0	0	0	0	1518.8
41	36-37	0	0.00	0	0	0	0	0.00		0	0	0	0	0	0.00
42	37-36	5	67.50	759.4	0	0	0	0.00		0	0	0	0	0	759.4
43	37-38	20	135.00	1518.8	0	0	0	0.00		0	0	0	0	0	1518.8
44	38-36	7	94.50	1093.1	0	0	0	0.00		0	0	0	0	0	1093.1
45	39-40	5	67.50	759.4	0	0	0	1.506	Commercial	25000 Ltr/Acre (40% Domestic)	15090	0.000	0	0	2665.4
46	40-41	0	0.00	0	0	0	0	0.000		0	0	0.000	0	0	0.00
47	42-48	18	216.00	2430.0	0	0	0	0.000		0	0	0.000	0	0	2430.0
48	41-42	8	108.00	1215.0	4	72	810.0	0.000		0	0	0.000	0	0	2025.0
49	42-43	17	229.50	2561.8	0	0	0	0.000		0	0	0.000	0	0	2561.8
50	43-44	0	0.00	0	8	306	1215.0	0.000		0	0	0.000	0	0	1215.0
51	44-45	15	202.50	2278.1	0	0	0	0.000		0	0	0.000	0	0	2278.1
52	44-46	0	0.00	0	4	72	810.0	0.000		0	0	0.000	0	0	810.0
53	45-47	13	175.50	1877.4	0	0	0	0.000		0	0	0.000	0	0	1877.4
54	46-48	0	0.00	0	2	72	810.0	0.000		0	0	0.000	0	0	810.0
55	41-43	0	0.00	0	0	0	0	0.000		0	0	0.000	0	0	0.00
56	43-45	0	0.00	0	0	0	0	0.000		0	0	0.000	0	0	0.00

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Ico Fivory or Private Limited)


Authorized Signatory

S.No	Name of Water Line	PLOTS (GENERAL)		PLOTS (FLOORS)		NON RESIDENTIAL PLOTS			FUTURE LOAD			Gross Water Requirement (Load on Line)	Gross Water Requirement (Self Load on Line)	
		No	Population @ 17.5 persons / Plot	Water Requirement @ 112.5 Ltr / head / day	Nos	Population @ 18 persons / Plot	Water Requirement @ 112.5 Ltr / head / day	Area	Type of Building	Basis of Water Requirement	Total Water Requirement			Future Area
57	45-47	0	0.00	0	0	0	0	LPD	LPD	LPD	0.000	0	0	0.00
58	47-48	6	105.00	675	0	0	0				0.000	0	0	0.00
59	48-49	11	192.50	1222.5	0	0	0.28	Nursing Home	10000 - 60% Domestic	6000	0.000	0	0	227.06
60	49-51	9	157.50	1756.5	0	0	0				0.000	0	0	121.50
61	51-40	24	420.00	2700	0	0	0				0.000	0	0	264.50
62	51-52	4	70.00	792	0	0	0				0.000	0	0	50.75
		489	8561.5	74257.50	0	0	0			79980.00	0.000	0	0	858165.00
					324	38450.50								558.14

FOR INCIDENT HILLS PRIVATE LIMITED
 (Company No. 1510001 Private Limited)

 Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4, 4A, Pinjore Kaika Urban Complex, District Panchkula, Haryana

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kaika Urban Complex, District Panchkula, Haryana														
Name of Work: Material Statement of Domestic Water Supply System														
S.No.	Name of Water Line	Length in Metre	Diameter of Pipe			Length of Domestic Water Distribution Lines			Sluice Valves			Fire Hydrants	Air Release Valve	Scour Valves
			in mm	in mm	in mm	200 mm	150 mm	100 mm	200 mm	150 mm	100 mm			
1	UGT-2	35	200	0	0	0	0	0	1				1	
2	2-1	52	100	0	0	0	0	52						
3	2-11	18	200	0	0	0	0	0						
4	11-10	34	100	0	0	0	0	34				1		
5	10-9	62	100	0	0	0	0	62						
6	10-8	47	100	0	0	0	0	47						
7	8-7	99	100	0	0	0	0	99				1		
8	8-6	48	100	0	0	0	0	48						
9	8-5	125	100	0	0	0	0	125						
10	6-4	47	100	0	0	0	0	47				1		
11	4-3	114	100	0	0	0	0	114						
12	4-29	117	100	0	0	0	0	117						
13	1-28	198	200	198	0	0	0	0	1			1		
14	28-27	45	150	0	45	0	0	0	1					
15	27-26	75	100	0	0	0	0	75						1
16	27-25	66	150	0	66	0	0	0						

Integrated Residential Plotted Colony at Sector 3, 4 &A, Pinjore Kalika Urban Complex, District Panchkula, Haryana


S.No.	Name of Water Line	Length in Metre	Diameter of Pipe in mm	Length of Domestic Water Distribution Lines				Sluice Valves				Fire Hydrants	Air Release Valve	Scour Valves	
				200 mm	150 mm	100 mm	100 mm	200 mm	150 mm	100 mm	100 mm				
17	25-24	122	100	0	0	0	122								1
18	26-23	73	150	0	0	73	0								
19	23-22	50	100	0	0	0	50					1			
20	22-21	61	100	0	0	0	61								
21	22-20	54	100	0	0	0	54								
22	20-19	72	100	0	0	0	72								
23	20-18	68	100	0	0	0	68					1			
24	18-17	49	100	0	0	0	49					1			
25	18-16	45	100	0	0	0	45								
26	23-15	222	100	0	0	0	222					1			
27	15-14	217	100	0	0	0	217								
28	15-13	56	100	0	0	0	56					1			
29	13-14	169	100	0	0	0	169								
30	13-12	211	100	0	0	0	211					1			
31	12-14	45	100	0	0	0	45								
32	28-28A	96	150	0	0	89	0							1	
33	28A-28B	182	100	0	0	0	182								
34	28A-29	73	150	0	0	73	0								1



Integrated Residential Plotted Colony at Sector 3, 4 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length in Metre	Diameter of Pipe		Length of Domestic Water Distribution Lines			Sluice Valves			Fire Hydrants	Air Release Valve	Scour Valves
			In mm	mm	200 mm	150 mm	100 mm	200 mm	150 mm	100 mm			
35	29-31	150	150	0	0	150	0	0	0	0	0	0	0
36	31-30	63	100	0	0	0	0	58	0	0	0	0	0
37	31-33	29	150	0	0	29	0	0	0	0	0	0	0
38	33-32	113	100	0	0	0	0	113	0	0	0	0	0
39	33-35	51	150	0	0	51	0	0	0	0	1	0	0
40	35-34	69	100	0	0	0	0	69	0	0	0	0	0
41	35-37	48	150	0	0	45	0	0	1	0	0	0	0
42	37-36	43	100	0	0	0	0	43	0	0	0	0	1
43	37-38	191	150	0	0	191	0	0	0	0	1	0	0
44	38-38	113	100	0	0	0	0	113	0	0	1	0	1
45	38-40	100	150	0	0	100	0	0	0	0	0	0	0
46	40-41	19	100	0	0	0	0	19	0	0	0	0	0
47	40-43	369	100	0	0	0	0	369	0	0	0	0	0
48	41-42	233	100	0	0	0	0	233	0	0	1	0	0
49	42-43	137	100	0	0	0	0	137	0	0	0	0	0
50	42-44	72	100	0	0	0	0	72	0	0	0	0	0
51	44-45	119	100	0	0	0	0	119	0	0	0	0	0
52	44-46	72	100	0	0	0	0	72	0	0	0	0	0


FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly: Kalka Urban Complex Private Limited)


Authorised Signatory

Integrated Residential Flatted Colony at Sector 3, 4, 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length in Metre	Diameter of Pipe		Length of Domestic Water Distribution Lines			Sluice Valves			Fire Hydrants	Air Release Valve	Scour Valves
			in mm	in mm	200 mm	150 mm	300 mm	200 mm	150 mm	100 mm			
53	46-47	102	100	100	0	0	102						
54	48-48	63	100	100	0	0	56						
55	41-43	97	100	100	0	0	97			1			
56	43-45	74	100	100	0	0	74						
57	45-47	74	100	100	0	0	74			1			
58	47-48	154	100	100	0	0	154			1			
59	48-49	155	100	100	0	0	155			1			
60	49-51	67	100	100	0	0	57			1			
61	51-60	98	100	100	0	0	88			1			
62	51-52	32	100	100	0	0	32						1
Total		5833			245	922	4765	2	3	21	3		8
Say					260	925	4765						

TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Private Limited)


Authorized Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pigeons (Badli Urban Complex, District Panchkula, Haryana														
Name of Work: Hydraulic Design Calculation of Flushing Water Supply Distribution Lines														
S.No.	Name of Water Line	Length in Metre	Average Water Discharge in KLD		Total Discharge @ 3x Average Discharge	Diameter of Pipe in mm	Velocity in m/sec	Head Loss in Mtr	Total Head in Mtr	Formation Level (in Mtr)		Hydraulic Level (in Mtr)		Remarks
			Self	Previous						Start	End	Start	End	
1	STP-2	45	13.80	597.05	615.95	100	1.210	5.013	0.81	442.50	449.80	507.60	506.69	82.39
2	2-1	97	23.22	0.00	23.22	100	0.160	0.001	0.26	448.20	448.50	506.38	505.61	58.11
3	2-3	48	4.86	523.87	373.83	150	1.127	0.016	0.74	448.30	448.15	506.89	505.85	57.80
4	3-4	51	0.00	438.98	438.98	150	0.889	0.011	0.58	446.15	448.00	505.85	505.97	57.80
5	3-5	151	12.61	87.87	80.58	100	0.258	0.063	0.44	448.15	447.00	505.85	505.51	58.51
6	5-4	101	4.86	0.00	4.86	100	0.034	0.000	0.00	447.50	442.00	505.51	505.51	57.51
7	5-7	73	3.24	488.15	488.39	100	0.350	0.011	0.82	448.00	448.50	505.51	504.67	55.17
8	5-8	72	0.48	86.33	82.81	100	0.279	0.282	0.13	447.00	448.50	505.51	505.38	58.51
9	6-7	115	12.87	0.00	12.87	100	0.016	0.300	0.02	449.50	449.50	505.35	505.35	55.85
10	6-8	72	4.32	41.04	45.36	100	0.203	0.001	0.27	443.50	450.00	505.35	505.31	58.88
11	7-9	74	3.24	487.91	485.15	150	0.853	0.011	0.84	449.50	451.00	504.87	503.84	55.17
12	8-9	132	12.15	0.00	12.15	100	0.024	0.000	0.25	450.00	451.00	505.31	505.27	56.31
13	8-10	72	4.32	24.57	26.58	100	0.128	0.032	0.33	450.00	451.00	505.31	505.27	55.31
14	9-11	74	3.24	478.87	481.91	150	0.545	0.011	0.82	451.00	452.51	503.84	503.00	56.88
15	10-11	150	18.17	0.00	18.17	100	0.096	0.000	0.05	451.00	452.51	505.27	505.22	54.27
16	10-12	215	10.90	0.00	10.90	100	0.048	0.000	0.02	451.00	453.50	505.27	505.26	54.27
17	11-12	58	3.24	475.43	478.67	150	0.940	0.011	0.75	452.51	453.00	503.00	502.28	50.72
18	12-15	130	28.14	447.29	475.43	150	0.832	0.011	0.41	453.50	455.00	502.25	500.85	48.88
19	13-14	56	0.00	8.01	8.01	100	0.082	0.000	0.01	455.00	455.25	500.85	500.84	45.85
20	14-13	73	2.01	0.00	2.01	100	0.052	0.000	0.31	455.25	455.50	500.84	500.83	45.85

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Trident Private Limited)

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S.No.	Metric of Water Line	Length in Metre	Average Water Discharge in KLD		Peak Discharge @ 3x Average	Total Discharge in Cumul	Diameter of Pipe in mm	Velocity in m/sec	Head Loss (M/KM)	Total Head in Mtr	Formation Level (in Mtr)		Hydraulic Level (in Mtr)		Remarks
			Self	Previous							Start	End	Start	End	
21	25-1	172	6.10	432.18	432.20	54.786	150	0.081	0.008	1.67	455.00	458.00	496.25	498.55	
22	27-23	67	8.81	0.00	8.91	5.864	150	0.068	0.000	0.01	459.00	460.00	488.24	490.24	
23	17-15	66	0.87	422.41	423.28	52.309	150	0.051	0.009	0.48	459.00	459.10	486.75	488.65	
24	18-18A	53	9.19	0.00	9.19	1.149	100	0.063	0.000	0.01	459.10	460.50	488.75	490.55	
25	18-20	15	0.00	413.22	413.22	133.587	150	0.011	0.004	0.13	459.10	459.10	488.62	490.52	
26	20-19	32	3.24	0.00	3.24	0.405	100	0.022	0.000	0.00	459.10	459.25	488.82	490.37	
27	20-22	45	5.05	404.91	409.93	1223.95	150	0.026	0.002	0.37	459.10	461.00	488.25	490.25	
28	22-21	139	11.41	0.00	11.41	34.223	150	0.079	0.000	0.03	461.00	461.50	498.02	499.02	
29	22-24	30	1.82	591.88	593.60	1186.50	100	0.050	0.000	0.00	461.50	461.50	498.25	499.25	
30	24-23	35	7.23	0.00	7.23	21.807	100	0.073	0.000	0.00	461.50	462.20	498.25	499.25	
31	24-24A	100	6.45	373.11	379.56	1159.77	150	0.055	0.000	0.00	462.20	462.20	498.25	499.25	
32	24A-25A	100	4.00	0.00	4.00	12.000	100	0.075	0.000	0.00	462.20	463.40	498.25	499.25	
33	24A-34	156	45.71	326.41	372.11	1116.33	100	0.028	0.000	0.00	463.40	463.50	498.80	499.80	
34	34-33	191	34.78	135.98	170.76	46.914	150	0.028	0.000	0.00	463.50	463.50	498.80	499.80	
35	33-32	68	20.00	0.00	20.00	29.764	100	0.073	0.000	0.00	463.50	463.50	498.80	499.80	
36	35-31	37	0.00	106.38	106.38	3.625	100	0.014	0.000	0.00	463.50	463.50	498.80	499.80	
37	31-30	06	16.57	0.00	16.57	50.83	100	0.007	0.000	0.00	463.50	463.50	498.80	499.80	
38	31-28	48	0.00	89.71	89.71	26.99	100	0.007	0.000	0.00	463.50	463.50	498.80	499.80	
39	25-28	109	35.44	0.00	35.44	108.34	100	0.014	0.000	0.00	463.50	463.50	498.80	499.80	
40	25-27	47	0.00	54.27	54.27	162.90	100	0.007	0.000	0.00	463.50	463.50	498.80	499.80	
41	27-25	130	35.40	0.00	35.40	108.34	100	0.007	0.000	0.00	463.50	463.50	498.80	499.80	
42	27-25A	47	0.00	28.82	28.82	86.43	100	0.007	0.000	0.00	463.50	463.50	498.80	499.80	

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Free Flower Private Limited)

Flushing Water Design

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Integrated Residential Plotted Colony at Sector 5, 4-A, Pinyore Kalika Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length in Meters	Average Water Discharge in KLD		Total Discharge @ 3%	Total Discharge in Cumulhr	Diameter of Pipe in mm	Velocity in m/sec. (ft/min)	Head Loss	Total Head	Formation Level (in Mtr)		Hydraulic Level (in Mtr)		Terminal Head (in Mtr)		Remarks
			Self	Previous							Start	End	Start	End	Start	End	
43	35-25	108	28.82	0.00	28.82	36.45	100	0.159	0.001	0.14	488.90	487.20	485.32	485.20	25.54	28.00	
44	35-36	57	0.00	186.30	406.69	17.037	100	0.602	0.006	0.44	485.00	482.20	485.77	485.38	22.77	38.13	
45	36-45	76	5.48	0.00	6.48	18.44	100	0.045	0.000	0.31	482.20	484.52	485.33	485.32	33.18	30.82	
46	36-38	65	0.00	129.82	323.45	16.227	100	0.574	0.007	0.48	482.20	482.20	485.55	484.37	32.13	32.37	
47	36-37	120	12.91	0.00	12.91	36.73	100	0.088	0.000	0.04	482.20	485.00	484.87	484.93	32.67	25.80	
48	38-48	60	0.00	116.81	350.72	14.878	100	0.517	0.008	0.35	482.20	482.90	484.67	484.52	32.87	32.22	
49	42-47	25	1.82	48.77	44.75	34.36	100	0.209	0.003	0.07	482.20	483.06	484.52	484.45	32.22	31.40	
50	47-48	68	2.14	0.00	12.14	36.41	100	0.084	0.000	0.02	483.05	484.00	484.45	484.42	31.40	30.52	
51	47-45	81	2.68	28.95	31.03	36.59	100	0.214	0.001	0.38	483.05	483.55	484.35	484.36	31.40	30.88	
52	45-44	15	2.83	0.00	2.83	7.23	100	0.037	0.000	0.00	483.50	483.50	484.36	484.36	30.86	30.86	
53	45-43	12	0.00	25.92	25.92	77.77	100	0.178	0.001	0.01	483.50	483.50	484.36	484.34	30.84	30.84	
54	43-42	78	12.44	0.00	12.44	37.52	100	0.089	0.000	0.02	483.50	484.75	484.34	484.34	30.84	28.57	
55	43-41	78	2.02	10.57	13.48	40.45	100	0.085	0.000	0.02	483.50	483.50	484.34	484.32	30.84	28.62	
56	41-40	43	6.03	0.00	6.03	18.10	100	0.042	0.000	0.00	484.30	485.00	484.32	484.31	28.52	28.51	
57	41-39	60	4.58	0.00	4.58	13.60	100	0.031	0.000	0.00	484.30	485.20	484.32	484.32	28.52	28.12	
58	48-50	257	24.30	48.12	72.12	242.38	100	0.488	0.007	1.87	482.90	482.90	484.87	482.84	32.22	30.34	
59	50-49	160	14.58	0.00	14.58	43.74	100	0.101	0.000	0.06	482.50	485.35	482.84	482.78	30.34	26.54	
60	49-61	54	0.00	0.00	0.00	0.00	100	0.000	0.000	0.00	485.95	485.00	482.78	482.78	28.54	25.79	
61	50-52	42	5.4	31.98	35.54	100.81	100	0.292	0.002	0.08	482.90	482.00	482.84	482.76	30.78	30.78	
62	50-51	173	24.87	0.40	25.27	66.82	100	0.154	0.001	0.14	482.00	485.00	482.78	482.62	28.52	26.62	
63	51-53	54	0.40	0.00	0.40	1.21	100	0.003	0.000	0.00	486.00	485.75	482.62	482.62	28.52	28.87	
64	52-63	220	8.72	0.00	8.72	28.18	100	0.087	0.000	0.04	482.00	485.75	482.78	482.72	30.78	28.87	

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Trident Private Limited)

Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Gurgaon Urban Complex, District Panchkula, Haryana

S.No	Name of Water Line	PLOTS (GENERAL)		PLOT (FLOORS)		Area	NCH RESIDENTIAL PLOTS		GREEN AREA LOAD		Total Water Requirement	Grass Water Requirement (Load on Line)	Grass Water Requirement (S&T Load on Line)
		No. of Plots	Population @ 3.5 persons / Plot	No. of Plots	Population @ 1.5 persons / Plot		Water Requirement @ 60 Ltr / head / day	Type of Building	Water Requirement @ 25000 Ltr / Acre / day	Grass Area			
1	STR-2	5	17.50	0	0	0	0	0	0.00	0	18902	1890	1890
2	2-1	24	84.00	0	0	0	0	0	0.00	0	23224	2322	2322
3	3-0	8	28.00	0	0	0	0	0	0.00	0	4830	483	483
4	3-2	0	0.00	0	0	0	0	0	0.00	0	0	0	0
5	3-5	11	38.50	0	0	0.25	Nursing Home 2	10000 Ltr / hr @ 40% Flushing	0.00	0	13310	1331	1331
6	5-4	6	21.00	0	0	0			0.00	0	4030	403	403
7	4-7	4	14.00	0	0	0			0.00	0	3240	324	324
8	5-6	0	0.00	0	0	0			0.00	0	6420	642	642
9	6-7	13	45.50	0	0	0			0.00	0	19959	1996	1996
10	6-6	3	10.50	4	12	4320			0.00	0	474	47	47
11	7-9	4	14.00	0	0	0			0.00	0	3750	375	375
12	8-9	15	52.50	0	0	0			0.00	0	17150	1715	1715
13	6-10	0	0.00	4	12	4320			0.00	0	452	45	45
14	9-11	4	14.00	0	0	0			0.00	0	3240	324	324
15	10-11	17	59.50	0	0	0			0.00	0	8240	824	824
16	10-12	0	0.00	4	12	4320			0.00	0	13770	1377	1377
17	11-12	4	14.00	0	0	0			0.00	0	10950	1095	1095
18	12-15	5	17.50	0	0	0	Commercial	26000 Ltr / hr @ 100% Flushing	0.00	0	3240	324	324
19	13-14	0	0.00	0	0	0			0.00	0	28140	2814	2814
20		0	0.00	0	0	0			0.00	0	0	0	0

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Geo Frontier Private Limited)

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S.No	Name of Water Line	PLOTS (GENERAL)			PLOT (FLOORS)			NON RESIDENTIAL PLOTS			GREEN AREA LOAD		Gross Water Requirement (Load on Line)	Gross Water Requirement (Self Load on Line)
		No. of Hrs	Population @ 13.5 persons / Plot	Water Requirement @ 80 Ltr / head / day	No. of Hrs	Population @ 15 persons / Plot	Water Requirement @ 60 Ltr / head / day	Area	Type of Building	Basis of Water Requirement	Total Water Requirement	Green Area		
20	14-23	7	94.50	7570	0	0	0			L.P.D.	30M	3395	3006	3.01
21	15-17	10	135.00	10800	0	0	0				0	0	8100	8.10
22	17-18	5	67.50	5400	0	0	0				483	2850	5910	5.91
23	17-18	5	67.50	5400	0	0	0				140	365	265	2.65
24	15-18A	10	135.00	10800	0	0	0				173	1087	9187	9.19
25	15-20	0	0.00	0	0	0	0				0	0	0	0.00
26	20-15	4	54.00	4320	0	0	0				0	0	0	0.00
27	20-22	0	0.00	0	0	0	0				0	0	0	0.00
28	22-21	10	135.00	10800	0	0	0				0	0	52740	52.74
29	22-24	2	27.00	2160	0	0	0				322	5075	5075	5.08
30	24-25	9	121.50	9720	0	0	0				936	3036	11403	11.41
31	24-24A	3	108.00	8640	0	0	0	0.50	Text Stand	3000 Ltrs (40% Flushing)	0	0	8480	8.48
32	24A-26A	0	0.00	0	0	0	0	0.254	Nursery School, 1 Clinic 1 (0.284A) + Clinic 2 (0.287A) + Nursing Home 3 (0.247A) + Primary School (0.34A)	10000 Ltrs (40% Flushing)	0	0	4000	4.00
33	24A-24	0	0.00	0	0	0	0	0.91			1817	11225	45706	45.71
34	34-33	31	418.50	33480	0	0	0				4795	25622	54752	54.75
35	32-32	14	189.00	15120	0	0	0				2868	17359	28998	28.99
36	33-31	0	0.00	0	0	0	0				0	0	0	0.00
37	3-30	17	229.50	18360	0	0	0				470	2803	13573	13.57

FOR TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as the Everest Hills Limited)

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Integrated Residential Flushed Colony at Sector 8, 4A, Phase Kalka Urban Complex, District Panthkhula, Haryana

S No	Name of Water Line	PLOTS/GENERAL			PLOT PROGRESS			NON RESIDENTIAL PLOTS		FREE AREAS/LOAD			Gross Water Requirement Based on Line	Gross Water Requirement (BSP) Based on Line	
		MS% Population	Water Requirement (BSP) Litre/Sec/Day	Area	Pop. (Person)/Plot	Water Requirement (BSP) Litre/Sec/Day	Type of Building	Area	Total Water Requirement	Water Requirement (BSP) Litre/Sec/Day	Area				
38	31-20	0	3.00	0	0	0	0	0	0	0	0	0	0	0	
39	29-23	27	364.50	21670	0	0	0	0	0	0	0	0	0	0	
40	29-27	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
41	27-2E	34	439.00	27540	0	0	0	0	0	0	0	0	0	0	
42	27-25A	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
43	25A-25	28	387.50	23480	0	0	0	0	0	0	0	0	0	0	
44	37-36	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
45	35-3E	8	102.00	6480	0	0	0	0	0	0	0	0	0	0	
46	36-3B	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
47	38-37	17	143.50	8910	0	0	0	0	0	0	0	0	0	0	
48	38-43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
49	48-37	2	27.00	1620	0	0	0	0	0	0	0	0	0	0	
50	47-4B	13	174.50	10520	0	0	0	0	0	0	0	0	0	0	
51	47-4E	2	27.00	1620	0	0	0	0	0	0	0	0	0	0	
52	48-4C	8	40.50	2430	0	0	0	0	0	0	0	0	0	0	
53	45-4B	0	0.00	0	0	0	0	0	0	0	0	0	0	0	
54	49-4D	14	183.00	11340	0	0	0	0	0	0	0	0	0	0	
55	42-41	2	27.00	1620	0	0	0	0	0	0	0	0	0	0	
56	51-4D	6	61.00	3660	0	0	0	0	0	0	0	0	0	0	
57	41-39	5	67.50	4050	0	0	0	0	0	0	0	0	0	0	
58	48-50	14	186.00	11340	0	0	0	0	0	0	0	0	0	0	
											2650	0.57	12664	24004	24.00

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Private Limited)

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Integrated Residential Plotter Colony at Sector-2, 4 & 1A, Plot No. Kalka Urban Complex, District Panchkula, Haryana

S.No	Name of Water Line	PLOTS (GENERAL)			PLOT (FLOOR(S))			NON RESIDENTIAL PLOTS			GREEN AREA LOAD			Gross Water Requirement (Loss or Line)	Gross Water Requirement (Set Line)	
		Nos	Population @ 13.5 persons / Plot	Water Requirement @ 80 LTR / head / day	Nos	Population @ 18 persons / Plot	Water Requirement @ 80 LTR / head / day	Area	Type of Building	Basis of Water Requirement	Total Water Requirement	Green Area	Water Requirement @ 25000 LTR / Acre / day			LPC
56	50-49	18	243.00	14380	2	0	0					0	0	14580	14.58	
60	49-51	0	0.00	0	0	0	0					0	0	0	0.00	
61	50-52	0	0.00	0	0	0	0					250	0.02	1544	1.54	
62	52-51	27	354.50	21070	0	0	0					0	0.02	0	21870	21.87
63	5-53	0	0.00	0	0	0	0					55	0.32	402	0.40	
64	52-55	12	162.00	9720	0	0	0					0	0.00	0	9720	9.72
		488	6801.5	385080.00	15	224	19640.00					66280.00	2.745	6.373	154838.00	615.95

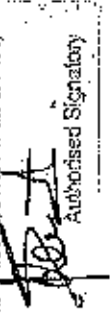
FAT TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Jiroo Ezyen Private Limited)



Authorized Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalika Urban Complex, District Panchkula, Haryana												
Name of Work: Material Statement of Flushing Water Supply System												
S.No.	Name of Water Line	Length in Metre	Diameter of Pipe in mm	Length of Flushing Water Distribution Lines			Surface Valves			Garden Hydrants	Air Release Valve	Scour Valves
				150 mm	100 mm	75 mm	150 mm	100 mm	75 mm			
1	STP-2	45	150	45	0	0	1			2		
2	2-1	87	150	0	0	87				2		
3	2-2	48	150	48	0	0						
4	3-4	51	150	51	0	0						
5	3-5	151	100	0	151	0		1				
6	6-4	101	150	0	0	101		1				
7	4-7	73	150	73	0	0						
8	5-8	72	100	0	72	0						
9	6-7	115	150	0	0	115			1			
10	6-8	72	150	0	72	0						
11	7-9	74	150	74	0	0						
12	8-9	132	150	0	0	132						
13	8-10	72	150	0	72	0						
14	9-11	74	150	74	0	0						
15	10-11	150	100	0	0	150						
16	10-12	215	100	0	215	0		1				

For TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Ino. Pvt. (P) Private Limited)


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Integrated Residential Plotted Colony at Sector 3, 4, 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length in Metre	Diameter of Pipe in mm		Length of Flushing Water Distribution Lines			Sluice Valves			Garden Hydrants	Air Release Valve	Scour Valves
			150 mm	100 mm	100 mm	150 mm	100 mm	150 mm					
17	11-12	66	150	0	0	0	0						
18	12-15	130	150	0	0	0	1						
19	15-14	56	100	0	0	56							
20	14-13	73	100	0	0	73				2			1
21	16-17	172	150	0	0	0							
22	17-16	61	100	0	0	61							
23	17-18	56	150	0	0	0				1			
24	18-18A	53	100	0	0	53							
25	18-20	15	150	0	0	0							
26	20-19	32	100	0	0	32							
27	20-22	45	150	0	0	0				1			
28	22-21	130	100	0	0	130					3		
29	22-24	30	150	0	0	0					1		
30	24-23	65	100	0	0	65							1
31	24-24A	180	150	0	0	0							
32	24A-25A	100	100	0	0	100							
33	24A-34	155	150	0	0	0				5			
34	34-33	191	100	0	0	0				1			

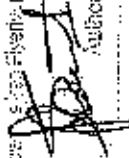
Integrated Residential Plotted Colony at Sector 3, 4 A, Pitampura Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length in Metre	Diameter of Pipe in mm	Length of Flushing Water Distribution Lines				Sluice Valves			Garden Hydrants	Air Release Valve	Scour Valves
				150 mm	100 mm	80 mm	50 mm	150 mm	100 mm	80 mm			
35	33-32	68	80	0	0	0	66				3		
36	33-31	31	100	0	31	0	0		1				
37	31-30	65	80	0	0	0	66				1		
38	31-29	42	100	0	42	0	0				2		
39	29-28	108	80	0	0	0	108				2		
40	29-27	47	100	0	47	0	0				2		
41	27-26	130	80	0	0	0	130				3		
42	27-25A	47	100	0	47	0	0						
43	25A-25	108	80	0	0	0	108				1		
44	24-23	57	100	0	57	0	0		1				
45	30-35	76	80	0	0	0	76						
46	25-32	55	100	0	55	0	0						
47	38-37	120	80	0	0	0	120						1
48	38-48	60	100	0	60	0	0						
49	48-47	25	80	0	0	0	25			1			
50	47-46	86	100	0	0	0	86				2		
51	47-45	61	80	0	0	0	61				1		
52	45-44	15	80	0	0	0	15						1

Integrated Residential Piped Colony at Sector 3, 4 & 4A, Pinyone Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Water Line	Length		Diameter of Pipe	Length of Flushing Water Distribution Lines				Sluice Valves			Garden Hydrants	Air Release Valve	Scour Valves		
		In Metre	In mm		150 mm	100 mm	80 mm	150 mm	100 mm	80 mm						
53	45-48	12	100	0	0	0	0	12								
54	43-42	78	100	0	0	0	0	78				2				
55	43-41	78	100	0	0	0	0	78				1				
56	41-40	48	100	0	0	0	0	48				1			1	
57	41-39	80	100	0	0	0	0	80				1			1	
58	48-50	237	100	0	0	0	0	237				5		1		
59	50-49	180	100	0	0	0	0	180								
50	49-51	54	100	0	0	0	0	54								
51	50-52	48	100	0	0	0	0	48				1				
52	52-51	175	100	0	0	0	0	175								
53	51-53	54	100	0	0	0	0	54								
54	52-53	220	100	0	0	0	0	220				1		1		
Total		5578		1198	1128	1128	1128	3252	2	5	12	54	2	7		
Sey				1200	1130	1130	1130	3255								

1120 + 3252 = 4380 mtr

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Jeevika Private Limited)

 Authorised Signatory

S.No.		Name of Sewer Line No.		Length of Sewer in Mtr.		Average Sewerage Flow		Peak Flow @ 3x Av. Flow		Infiltration @ 50 L/Km/Day		Total Flow		Dia of Pipe		Slope		Velocity		Cap of Pipe		Check for Corrosion Capacity		Fall in Lanes		Finished Road Level		Invert Level (I.L)		Remarks		Depth of Ligne	
				Self Branch Total		LPS LPS		LPS LPS		LPS LPS		LPS LPS		in Mtr. in Mtr.		%		M/Sec		LPS		OK		in Mtr.		in Mtr.		in Mtr.		in Mtr.			
1	1-2	215	0.259	0.020	0.259	0.279	0.279	0.012	0.291	0.291	0.291	200	60	1.46	28.95	OK	5.58	485.75	482.00	484.55	482.00	484.55	482.00	484.55	482.00	484.55	482.00	484.55	482.00	484.55	1.20	1.03	
2	2-3	170	0.492	0.200	0.692	0.692	0.692	0.010	0.702	0.702	0.702	200	45	1.88	28.97	OK	3.78	485.00	482.00	484.80	482.00	484.80	482.00	484.80	482.00	484.80	482.00	484.80	482.00	484.80	1.20	0.96	
3	3-5	50	0.500	0.841	1.341	1.341	1.341	0.003	1.344	1.344	1.344	200	25	0.75	12.05	OK	0.22	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	482.00	1.05	1.76	
4	4-5	150	0.388	0.900	1.288	1.288	1.288	0.009	1.297	1.297	1.297	200	45	1.88	28.97	OK	3.33	485.95	482.50	484.75	482.50	484.75	482.50	484.75	482.50	484.75	482.50	484.75	482.50	484.75	1.20	1.08	
5	5-12	235	0.302	1.225	1.527	1.527	1.527	0.014	1.541	1.541	1.541	200	225	0.75	12.08	OK	1.04	482.50	482.35	482.74	482.35	482.74	482.35	482.74	482.35	482.74	482.35	482.74	482.35	482.74	1.76	2.40	
6	6-8	65	0.428	0.300	0.728	0.728	0.728	0.003	0.731	0.731	0.731	200	225	0.75	12.05	OK	0.24	465.20	484.80	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	1.24	1.24	
7	7-8	63	0.428	0.300	0.728	0.728	0.728	0.003	0.731	0.731	0.731	200	225	0.75	12.05	OK	0.24	465.20	484.80	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	1.24	1.24	
8	8-10	88	0.408	0.288	0.696	0.696	0.696	0.006	0.702	0.702	0.702	200	75	1.31	20.88	OK	1.31	484.80	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	482.50	1.24	1.24	
9	9-11	82	0.402	0.292	0.694	0.694	0.694	0.005	0.699	0.699	0.699	200	75	1.31	20.88	OK	1.05	484.75	483.50	483.50	483.50	483.50	483.50	483.50	483.50	483.50	483.50	483.50	483.50	483.50	1.20	1.04	
10	10-11A	57	0.022	0.668	0.690	0.690	0.690	0.003	0.693	0.693	0.693	200	145	0.94	18.02	OK	0.36	463.50	483.05	482.95	482.95	482.95	482.95	482.95	482.95	482.95	482.95	482.95	482.95	482.95	1.24	1.05	
11	11-11A	52	0.260	0.000	0.260	0.260	0.260	0.005	0.265	0.265	0.265	200	100	1.13	20.28	OK	0.22	463.00	483.05	482.80	482.80	482.80	482.80	482.80	482.80	482.80	482.80	482.80	482.80	482.80	1.22	1.07	
12	12-12	25	0.048	0.870	0.918	0.918	0.918	0.002	0.920	0.920	0.920	200	50	1.60	25.58	OK	0.52	463.05	482.30	481.96	481.96	481.96	481.96	481.96	481.96	481.96	481.96	481.96	481.96	481.96	1.19	0.96	
13	13-14	58	0.300	2.542	2.842	2.842	2.842	0.004	2.846	2.846	2.846	200	225	0.75	12.08	OK	0.25	462.30	482.30	484.70	482.30	484.70	482.30	484.70	482.30	484.70	482.30	484.70	482.30	484.70	2.60	2.76	
14	14-14	120	0.300	0.300	0.600	0.600	0.600	0.007	0.607	0.607	0.607	200	50	1.50	25.58	OK	2.40	485.00	482.20	483.50	482.20	483.50	482.20	483.50	482.20	483.50	482.20	483.50	482.20	483.50	1.50	1.10	
15	14-15	63	0.000	2.874	2.874	2.874	2.874	0.004	2.878	2.878	2.878	200	145	0.94	18.02	OK	0.45	462.30	482.20	482.20	482.20	482.20	482.20	482.20	482.20	482.20	482.20	482.20	482.20	482.20	2.75	3.21	
16	15-15	84	0.078	0.200	0.278	0.278	0.278	0.003	0.281	0.281	0.281	200	225	0.75	12.05	OK	0.25	462.20	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	3.21	4.28	
17	16-25	97	0.023	3.047	3.070	3.070	3.070	0.003	3.073	3.073	3.073	200	225	0.75	12.05	OK	0.25	462.20	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	483.00	483.90	3.21	4.28	
18	17-19	153	0.625	3.030	3.655	3.655	3.655	0.009	3.664	3.664	3.664	200	225	0.75	12.05	OK	0.70	461.20	485.70	486.00	486.00	486.00	486.00	486.00	486.00	486.00	486.00	486.00	486.00	486.00	1.20	1.40	
19	18-19	125	0.733	0.000	0.733	0.733	0.733	0.007	0.740	0.740	0.740	200	225	0.75	12.05	OK	0.57	461.50	488.70	488.70	488.70	488.70	488.70	488.70	488.70	488.70	488.70	488.70	488.70	488.70	1.20	1.97	
20	18-21	47	0.000	1.889	1.889	1.889	1.889	0.009	1.898	1.898	1.898	200	225	0.75	12.05	OK	0.21	468.70	485.50	485.50	485.50	485.50	485.50	485.50	485.50	485.50	485.50	485.50	485.50	485.50	1.40	1.41	
21	20-21	108	0.362	0.000	0.362	0.362	0.362	0.005	0.367	0.367	0.367	200	225	0.75	12.05	OK	0.45	467.00	486.50	486.50	486.50	486.50	486.50	486.50	486.50	486.50	486.50	486.50	486.50	1.20	1.15		
22	21-23	43	0.000	1.541	1.541	1.541	1.541	0.003	1.544	1.544	1.544	200	225	0.75	12.05	OK	0.21	452.50	466.20	466.20	466.20	466.20	466.20	466.20	466.20	466.20	466.20	466.20	466.20	466.20	1.41	1.92	

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S.No.	Name of Sewer Line No.	Length of Sewer	Average Sewage Flow			Peak Flow @ 3x Av. Rate	Infiltration @ 60L/KM/Day	Total Flow	Dn. of Pipe	Slope	Velocity	Cap of Pipe	Crack for Carrying Capacity	Fall in Line	Finished Road Level		Invert Level (I.L.)		Remarks	Depth of Line	
			Self	Branch	Old										U/End	L/End	U/End	L/End		U/End	L/End
23	22-23	85	0.367	0.000	0.367	1.100	0.004	1.100	200	1.3	18.00	OK	0.83	467.00	466.20	466.00	465.15	Connection Level	1.23	1.05	
24	23-24	37	0.200	2.307	2.307	8.922	0.092	9.222	200	2.25	19.05	OK	0.74	466.20	466.09	464.93	464.74		1.32	1.26	
25	24-25	69	0.302	0.000	0.302	0.806	0.024	0.810	200	2.25	21.35	OK	0.31	466.09	466.30	465.93	464.99	Connection Level	1.20	1.21	
26	25-26	169	0.888	2.609	3.278	9.833	0.011	9.844	200	1.45	23.35	OK	3.15	466.00	465.02	464.74	461.59	Connection LAVE	1.25	1.41	
27	26-28	71	0.129	0.324	0.464	15.551	0.004	15.555	300	2.50	27.04	OK	0.18	465.00	463.40	459.72	458.55		4.25	4.65	
28	27-28	67	0.351	0.000	0.351	2.074	0.010	2.084	200	2.25	12.08	OK	0.74	462.50	463.40	460.70	459.96	Connection Level	1.50	3.44	
29	28-30	88	0.050	7.145	7.145	21.409	0.005	21.440	300	2.50	27.24	OK	0.28	463.40	463.55	459.55	458.98		4.35	6.17	
30	29-30	30	0.093	0.000	0.093	0.276	0.002	0.280	200	2.25	12.06	OK	0.13	464.00	463.50	462.50	462.37	Connection Level	1.50	1.12	
31	30-32	46	0.219	7.227	7.456	22.388	0.009	22.377	300	2.50	27.24	OK	0.30	463.50	461.50	459.33	457.55		5.17	3.55	
32	31-32	58	0.172	0.000	0.172	0.515	0.003	0.521	200	1.50	25.50	OK	1.16	463.20	461.50	461.70	460.54	Connection Level	1.50	0.95	
33	32-34	39	0.385	7.829	7.829	25.050	0.002	25.053	300	2.50	27.04	OK	0.10	461.00	461.00	457.55	467.35		3.55	8.15	
34	33-34	115	0.218	0.000	0.218	0.647	0.007	0.654	200	1.45	23.35	OK	1.82	459.00	457.20	461.90	459.58	Connection Level	1.50	1.22	
35	34-36	47	0.000	7.309	7.309	22.727	0.000	22.750	300	2.50	27.04	OK	0.12	461.00	459.10	467.85	457.73		3.75	1.37	
36	35-38	89	0.096	0.000	0.096	0.289	0.002	0.291	200	2.25	12.06	OK	0.17	459.25	459.10	450.55	457.88	Connection Level	1.20	1.22	
37	36-38	12	0.000	7.995	7.995	24.366	0.000	24.367	300	2.50	27.04	OK	0.03	458.70	458.70	457.73	457.73		1.37	1.40	
38	37-38	54	0.216	0.200	0.416	0.647	0.003	0.650	200	1.50	25.50	OK	1.29	460.80	459.10	459.10	458.02	Connection Level	1.50	1.08	
39	38-40	54	0.092	8.271	8.271	24.833	0.002	24.836	300	2.50	27.04	OK	0.14	459.70	459.00	457.70	467.56		1.40	1.24	
40	39-40	58	0.106	0.000	0.106	0.323	0.003	0.327	200	2.25	12.06	OK	0.77	459.00	458.70	459.50	465.00	Connection Level	1.20	3.97	
41	40-43	174	0.215	8.319	8.534	25.805	0.010	26.619	300	2.50	27.04	OK	3.87	459.00	455.00	457.58	453.80		1.44	1.21	
42	41-42	68	0.151	0.000	0.151	0.453	0.004	0.457	200	2.25	12.06	OK	0.30	459.50	458.25	454.30	464.00		1.20	4.25	
43	42-43	54	0.200	0.161	0.361	0.430	0.003	0.456	200	2.25	12.06	OK	0.24	455.25	455.00	454.00	459.78	Connection Level	1.25	1.24	
44	43-45	438	0.162	8.655	9.510	28.830	0.005	29.555	300	2.50	27.04	OK	5.74	455.00	448.15	453.80	446.56	Connection Level	1.21	1.20	
45	44-46	193	0.268	0.000	0.268	0.693	0.011	0.714	300	2.50	27.04	OK	2.56	455.00	457.00	452.40	449.85		1.20	1.15	
46	45-46	120	0.367	0.000	0.367	1.100	0.008	1.107	200	1.00	18.02	OK	1.30	452.51	451.00	450.01	450.01	Connection Level	1.20	0.95	
47	46-48	72	0.144	0.654	0.798	2.383	0.004	2.398	200	2.25	12.06	OK	0.86	451.00	449.85	448.88	448.88	Connection Level	1.15	1.10	

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Trident Water Private Limited)

[Signature]
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Integrated Residential Plotted Colony of Sector 3, 4 & 4A, Pinyons Koka Urban Complex, District Panipat, Haryana

S.No.	Name of Sewer Line No.	Length of Sewer	Average Sewerage Flow		Peak Flow @ 3x Av. Flow	Infiltration @ 50L/KM/Day	Total Flow	Dia of Pipe	Slope	Velocity	Cap of Pipe	Check for Carrying Capacity	Fall in Line	Finished Road Level		Invert Level (I.L.)		Remarks	Depth of Line	
			Self	Branch										W/End	L/End	W/End	L/End		W/End	L/End
48	47-48	11	0.323	0.000	0.970	0.005	0.975	200	1%	1.13	38.08	OK	0.11	451.00	450.00	448.69		1.20	1.31	
49	48-49	73	0.115	1.021	3.709	0.004	3.723	200	50	1.60	35.65	OK	1.44	450.00	448.50	446.89		1.31	1.54	
50	49-50	65	0.280	0.000	0.841	0.005	0.846	200	100	1.10	15.09	OK	0.95	449.50	448.50	447.39	Connection Level	1.20	1.13	
51	50-51	72	0.144	1.517	4.987	0.004	4.991	200	50	1.80	35.58	OK	1.44	448.50	447.00	445.87	Connection Level	1.25	1.19	
52	51-52	73	0.229	0.000	0.688	0.005	0.693	200	75	1.31	20.89	OK	1.05	448.00	447.00	445.50		1.20	1.25	
53	52-53	45	0.000	1.790	5.369	0.001	5.370	200	100	1.13	16.89	OK	0.19	447.00	447.00	445.56		1.25	1.44	
54	53-54	30	0.093	0.000	0.278	0.012	0.290	200	285	0.75	12.18	OK	0.13	447.00	445.80	445.87	Connection Level	1.20	1.33	
55	54-55	103	0.212	1.892	6.294	0.006	6.506	200	225	0.75	12.06	OK	0.46	447.00	448.15	445.10		1.44	3.05	
56	55-56	63	0.316	11.608	38.170	0.005	38.475	400	576	0.75	49.01	OK	0.15	448.15	448.30	444.34		3.05	3.98	
57	56-57	105	0.519	0.000	1.558	0.006	1.563	200	225	0.75	12.16	OK	0.47	448.00	448.00	447.30	Connection Level	1.20	1.47	
58	57-57P	37	0.096	12.341	37.217	0.022	37.219	400	575	0.75	48.01	OK	0.06	448.00	448.00	444.86		3.35	3.82	
			12.405																	

FOR DEW-CELLS PRIVATE LIMITED
 For and on behalf of

 Authorized Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pitara Kalka Urban Complex, District Panchkula, Haryana

S.No	Name of Sewer Line	PLOTS (GENERAL)		F.F. 27.5 (FLOODS)		NON RESIDENTIAL PLOTS		FUTURE LOAD		Sewage Flow (Self Load on Line)	Sewage Flow (Self Load on Line)
		Nos	Area	Nos	Area	Type of Building	Area	Population @ 10 persons / acre	Water Requirement @ 172.5 ltr/head / day		
		Nos	Area	Nos	Area	Area	Area	Nos	Area	LPD	LPD
1	1-3	12	162.00	0	0			0	0	27945	22358
2	2-8	27	364.50	0	0			0	0	62876	50330
3	3-5	0	0.00	0	0			0	0	0	0.00
4	4-5	18	243.00	0	0			0	0	41918	33434
5	5-12	14	189.00	0	0			0	0	32603	26092
6	6-9	9	81.00	0	0			0	0	13573	11178
7	7-0	6	81.00	0	0			0	0	15973	1118
8	8-10	5	67.50	0	0			0	0	11644	9315
9	9-10	14	189.00	0	0			0	0	32603	26092
10	10-11A	1	13.50	0	0			0	0	2328	1803
11	11-11A	3	175.50	0	0			0	0	32574	24219
12	11A-12	2	27.00	0	0			0	0	4668	3726
13	12-14	0	0.00	0	0			0	0	0	0
14	13-14	11	148.50	2	0	0.208	Nursery School 2, 10000 Litres	0	0	35676	28493
15	14-16	0	0.00	0	0			0	0	0	0
16	15-16	5	103.50	0	0			0	0	18930	14964
17	16-26	0	0.00	0	0			0	0	0	0
18	17-18	29	387.50	0	0			0	0	67324	54027
19	18-19	34	459.00	0	0			0	0	78178	53342
20	19-21	0	0.00	0	0			0	0	0	0

FOR TRIDENT HILLS PRIVATE LIMITED
 For as and to Director (Public Utility)


 Authorized Signatory

S.No	Name of Sewer Line	PLOTS (GENERAL)			PLOTS (FLOORS)			NON RESIDENTIAL FLOORS			FUTURE LOAD			Sewage Flow (Self Load on Line)	Sewage Flow (Self Load on Line)	
		No. of Res. @ 13.5 persons / Plot	Pop. @ 13.5 persons / Plot	Water Requirement @ 172.5 ltr/head/day	No. of Plots	Area	Type of Building	Requirement	Area	Pop. @ 100 persons / Area	Area	Pop. @ 100 persons / Area	Water Requirement @ 172.5 ltr/head/day			Gross Water Requirement (Load on Line)
21	20-21	27	364.50	62978	0								62978	50301	50.58	0.882
22	21-22	0	0.00	0	0								0	0	0.00	0.000
23	22-23	17	229.50	30536	0								30536	31371	31.87	0.367
24	23-24	0	0.00	0	0								0	0	0.00	0.000
25	24-25	14	189.00	32603	0								32603	26082	26.28	0.302
26	25-26	37	418.50	72191	0								72191	57755	57.75	0.668
27	26-28	6	81.00	13878	0								13878	11173	11.17	0.128
28	27-28	2	27.00	4663	0								4663	50726	50.73	0.587
29	28-30	0	0.00	0	0								0	0	0.00	0.000
30	29-31	0	0.00	0	0								0	0	0.00	0.000
31	30-32	9	126.00	16630	0								16630	16004	16.00	0.218
32	31-33	6	126.00	16630	0								16630	14904	14.90	0.173
33	32-34	3	40.50	6005	0								6005	5286	5.29	0.035
34	33-34	10	135.00	23282	0								23282	18500	18.50	0.215
35	34-36	0	0.00	0	0								0	0	0.00	0.000
36	35-36	4	54.00	8915	0								8915	7452	7.45	0.083
37	36-38	0	0.00	0	0								0	0	0.00	0.000
38	37-39	10	135.00	23282	0								23282	18580	18.58	0.218
39	38-40	0	0.00	0	0								0	0	0.00	0.000

FOR TRICENT HILLS PRIVATE LIMITED
 (Formerly known as Tricent Town Limited)

[Signature]
 Authorised Signatory

Integrated Residential Plotted Colony at Sector 2, 4 & 4B, Pinjore Kalika Urban Complex, District Panchkula, Haryana

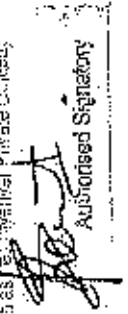
S.No	Name of Sewer Line	PLOTS (GENERAL)			PLOTS (FLOORS)			NON-RESIDENTIAL PLOTS			FUTURE LOAD			Sewage Flow (Self Load on Line)	Sewage Flow (Self Load on Line)	
		Nos	Population @ 13.5 persons / Plot	Water Requirement @ 172.5 Ltr/head / day	Nos	Population @ 18 persons / Plot	Water Requirement @ 172.5 Ltr/head / day	Area	Type of Building	Req. of Water (Bar's of Water) Requirement	Future Area	Population @ 100 persons / Acre	Water Requirement @ 172.5 Ltr/head / day			Gross Water Requirement (Load on Line)
40	38-40	5	67.50	1182.4	0	0	0				0.000	0	3164.4	80.15	9.32	0.108
41	40-43	10	135.00	2323.3	0	0	0				3.000	0	2828.8	1863.0	18.83	0.216
42	41-42	7	94.50	1630.1	0	0	0				0.000	0	1630.1	130.4	13.54	0.151
43	42-43	0	0.00	0	0	0	0				0.000	0	0	0	0.03	0.000
44	43-55	21	283.50	4890.4	0	0	0	1.806	Commercial	25000 Ltr/Acre	0.000	0	8035.4	7124.3	71.24	0.825
45	44-46	8	108.00	1869.0	4	72	1242.0				0.000	0	3105.9	2484.2	24.34	0.288
46	45-46	17	229.50	3958.8	0	0	0				0.000	0	3958.8	3167.7	31.67	0.367
47	46-48	0	0.00	0	5	90	1552.5				0.000	0	1552.5	1242.0	12.42	0.144
48	47-48	15	202.50	3493.1	0	0	0				0.000	0	3493.1	2794.5	27.94	0.322
49	48-50	0	0.00	0	4	72	1242.0				0.000	0	1242.0	883.6	8.84	0.115
50	49-50	3	40.50	702.7	0	0	0				0.000	0	702.7	242.15	24.22	0.280
51	50-52	0	0.00	0	2	36	632.6				0.000	0	632.6	1242.0	12.42	0.144
52	51-52	0	0.00	0	2	36	632.6				0.000	0	632.6	1117.8	11.18	0.126
53	52-54	0	0.00	0	0	0	0				0.000	0	0	0	0.00	0.000
54	53-54	0	0.00	0	0	0	0	0.26	Nursing Home 1	10000 Ltr/Acre	0.000	0	10000	8000	8.00	0.093
55	54-55	0	0.00	0	2	36	632.6				0.000	0	632.6	1863.0	18.63	0.216
56	55-57	10	135.00	2323.3	0	0	0				0.000	0	2323.3	1863.0	18.63	0.216
57	56-57	24	324.00	5593.0	0	0	0				0.000	0	5593.0	4471.2	44.71	0.519
58	57-57F	3	40.50	694.5	0	0	0				0.000	0	694.5	568.9	5.69	0.066
488			980.50	11387.67	0	324	5580.00				145180.00	0.000	1435807.00	1071845.50	1071.85	12.408

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Triveni Private Limited)

[Signature]
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Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana														
Name of Work: Material Statement of External Sewerage System														
S.No.	Name of Sewer Line No.	Length of Sewer in Mtr.	Dia of Pipe in mm	Depth of Line U/End		Average Depth in Mtr.	200 MM Dia Pipe		250 MM Dia Pipe		300 MM Dia Pipe		400 MM Dia Pipe	
				in Mtr.	in Mtr.		Depth 0 - 2.0 M	Depth 2 - 4.0 M	Depth 0 - 2.0 M	Depth 2 - 4.0 M	Depth 0 - 2.0 M	Depth 2 - 4.0 M	Depth 0 - 2.0 M	Depth 2 - 4.0 M
1	1-3	245	200	1.20	1.33	1.12	0	215	0	0	0	0	0	0
2	2-3	170	200	1.20	0.50	1.09	0	170	0	0	0	0	0	0
3	3-5	80	200	1.03	1.76	1.39	0	50	0	0	0	0	0	0
4	4-6	150	200	1.20	1.08	1.14	0	150	0	0	0	0	0	0
5	5-12	235	200	1.78	2.30	2.18	0	235	0	0	0	0	0	0
6	6-8	56	200	1.20	1.04	1.12	0	56	0	0	0	0	0	0
7	7-8	63	200	1.20	1.24	1.32	0	55	0	0	0	0	0	0
8	8-10	96	200	1.24	1.24	1.34	0	96	0	0	0	0	0	0
9	9-10	82	200	1.10	1.04	1.12	0	82	0	0	0	0	0	0
10	10-11A	57	200	1.24	1.19	1.31	0	57	0	0	0	0	0	0
11	11-11A	82	200	1.20	1.07	1.33	0	82	0	0	0	0	0	0
12	11A-12	28	200	1.10	0.86	1.07	0	28	0	0	0	0	0	0
13	12-14	62	250	2.80	2.18	2.69	0	62	0	0	0	0	0	0
14	13-14	120	200	1.50	1.10	1.30	0	120	0	0	0	0	0	0
15	14-16	63	200	2.75	3.27	2.99	0	63	0	0	0	0	0	0
16	15-16	84	200	1.50	0.56	1.15	0	84	0	0	0	0	0	0
17	16-26	57	200	3.21	4.26	3.74	0	57	0	0	0	0	0	0

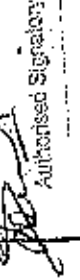
FOR TRIDENT BILLS PRIVATE LIMITED
(Formerly known as Forwinner Private Limited)


Authorised Signatory

Integrated Residential Piped Colony at Sector 3, 4 & 4A, Patake Kalke Urban Complex, District Panchkula, Haryana

S.No.	Name of Sewer Line	Length of Sewer	Dia of Pipe	Depth of Line		Average Depth	200 MM Dia Pipe			250 MM Dia Pipe			300 MM Dia Pipe			450 MM Dia Pipe		
				U/End	L/End													
18	17-19	158	200	1.20	1.40	1.30	0	0	0	0	0	0	0	0	0	0	0	0
19	18-19	126	200	1.20	0.97	1.08	0	0	0	0	0	0	0	0	0	0	0	0
20	19-21	47	200	1.43	1.41	1.41	0	0	0	0	0	0	0	0	0	0	0	0
21	20-21	108	200	1.20	1.18	1.19	0	0	0	0	0	0	0	0	0	0	0	0
22	21-23	48	200	1.41	1.32	1.37	0	0	0	0	0	0	0	0	0	0	0	0
23	22-23	65	200	1.20	1.05	1.12	0	0	0	0	0	0	0	0	0	0	0	0
24	23-25	31	200	1.32	1.26	1.29	0	0	0	0	0	0	0	0	0	0	0	0
25	24-25	59	200	1.20	1.01	1.10	0	0	0	0	0	0	0	0	0	0	0	0
26	25-26	189	200	1.28	1.41	1.34	0	0	0	0	0	0	0	0	0	0	0	0
27	26-28	71	300	4.26	4.85	4.55	0	0	0	0	0	0	0	0	0	0	0	0
28	27-28	187	200	1.52	3.44	2.47	0	167	0	0	0	0	0	0	0	0	0	0
29	28-30	98	300	4.65	5.17	5.01	0	0	0	0	0	0	0	0	0	0	0	0
30	29-30	30	200	1.50	1.13	1.32	0	0	0	0	0	0	0	0	0	0	0	0
31	30-32	149	300	5.17	3.55	4.36	0	0	0	0	0	0	0	0	0	0	0	0
32	31-32	58	200	1.50	0.93	1.23	0	58	0	0	0	0	0	0	0	0	0	0
33	32-34	38	300	3.55	3.15	3.35	0	0	0	0	0	0	0	0	0	0	0	0
34	33-34	115	200	1.50	1.02	1.26	0	115	0	0	0	0	0	0	0	0	0	0
35	34-36	47	300	3.15	1.37	2.25	0	0	0	0	0	0	0	0	0	0	0	0
36	35-36	36	200	1.20	1.22	1.21	0	39	0	0	0	0	0	0	0	0	0	0

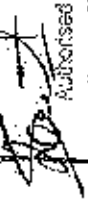
For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Paver Private Limited)


Authorized Signatory

Integrated Residential Plotted Colony at Sector 3, 4-6A, Pijara Kalika Urban Complex, District Patanchikla, Haryana

S.No.	Name of Sewer Line	Length of Sewer	Dia of Pipe	Depth of Line		Average Depth	200 MM Dia Pipe			250 MM Dia Pipe			300 MM Dia Pipe			400 MM Dia Pipe		
				U/End	L/End													
37	36-38	12	300	1.37	1.40	1.39	0	0	0	0	0	0	0	0	0	0	0	0
38	37-38	54	200	1.50	1.08	1.29	54	0	0	0	0	0	0	0	0	0	0	0
39	38-40	54	300	1.40	1.42	1.42	0	0	0	0	0	52	0	0	0	0	0	0
40	39-40	58	200	1.20	0.97	1.09	58	0	0	0	0	0	0	0	0	0	0	0
41	40-43	174	300	1.44	1.31	1.38	0	0	0	0	0	174	0	0	0	0	0	0
42	41-42	58	200	1.20	1.25	1.23	68	0	0	0	0	0	0	0	0	0	0	0
43	42-43	54	200	1.25	1.24	1.25	54	0	0	0	0	0	0	0	0	0	0	0
44	43-55	438	300	1.31	1.28	1.25	0	0	0	0	0	0	0	438	0	0	0	0
45	44-48	131	200	1.20	1.15	1.17	181	0	0	0	0	0	0	0	0	0	0	0
46	45-48	135	200	1.20	0.99	1.10	130	0	0	0	0	0	0	0	0	0	0	0
47	48-48	72	200	1.15	1.1	1.13	72	0	0	0	0	0	0	0	0	0	0	0
48	47-48	111	200	1.20	1.31	1.26	111	0	0	0	0	0	0	0	0	0	0	0
49	48-50	72	200	1.3	1.25	1.28	72	0	0	0	0	0	0	0	0	0	0	0
50	49-50	95	200	1.20	1.15	1.17	56	0	0	0	0	0	0	0	0	0	0	0
51	50-52	72	200	1.25	1.19	1.22	72	0	0	0	0	0	0	0	0	0	0	0
52	51-52	79	250	1.20	1.25	1.23	79	0	0	0	0	0	0	0	0	0	0	0
53	52-54	18	200	1.35	1.44	1.36	19	0	0	0	0	0	0	0	0	0	0	0
54	53-54	30	200	1.20	1.33	1.27	30	0	0	0	0	0	0	0	0	0	0	0
55	54-55	103	200	1.44	3.05	2.25	0	103	0	0	0	0	0	0	0	0	0	0
56	55-57	89	400	3.05	3.36	3.20	0	0	0	0	0	0	0	0	0	0	0	89

For TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Geo Evernet Private Limited)


Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Sewer Line	Length of Sewer	Dia of Pipe	Depth of Line		Average Depth	200 MM Dia Pipe	250 MM Dia Pipe	300 MM Dia Pipe	400 MM Dia Pipe
				U/End	L/End					
57	56-57	105	200	1.20	1.47	1.33	105	0	0	0
58	57-SIP	37	400	3.36	3.62	3.49	0	0	0	37
	Total	5425.00					3538.00	687.00	678.00	126.00

FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trident Hills Limited)



Authorized Signatory

Integrated Residential Plot/Block Colony at Sector 3, 4 & 4A, Pinnacis Kalka Urban Complex, District Panchajala, Haryana

S.No.	Line No	Length In Mtr	Area Served By Line			Intensity or Rainfall (mm/hr)	Total Run Off (LPS)	Dia of Pipe In mm	Slope In 1:100	Velocity In M/Sec	Capacity of Pipe (LPS)	Check for Carrying Capacity	Fall In Line	Finished Road Level		Invert Level (I.L.)		Depth of Line		Remarks
			Self	Branch	Total									In Mtr	In Mtr	In Mtr	In Mtr	In Mtr		
1	1-4	223	9150.00	0.00	9150.00	5.25	60.34	40	2.27	291.24	OK	5.58	490.00	490.35	484.60	489.23	1.20	1.13	Connection Level	
2	2-4	182	5048.00	0.00	5048.00	6.25	31.55	30	2.62	336.50	OK	5.40	485.75	490.35	484.55	489.15	1.20	1.20		
3	4-Outlet 1	50	0.00	14798.00	14798.00	6.25	92.49	40	2.27	291.24	OK	0.25	480.25	480.05	489.15	489.60	1.20	1.15	30 Meters Drain	
4	5-7	54	888.00	0.00	888.00	5.25	4.15	50	0.80	77.16	OK	0.09	482.00	482.50	480.60	480.71	1.20	1.79		
5	6-7	140	5263.00	0.00	5263.00	6.25	28.14	40	2.27	291.24	OK	3.50	485.05	482.50	484.75	481.25	1.20	1.25	Connection Level	
6	7-15	217	5512.00	6981.00	12493.00	6.25	82.62	40	0.80	77.15	OK	0.38	482.50	482.30	480.71	480.32	1.79	1.98		
7	8-10	98	4275.00	0.00	4275.00	5.25	11.72	40	1.40	134.20	OK	0.25	485.20	484.00	483.00	483.61	1.20	1.19		
8	9-10	97	1470.00	0.00	1470.00	5.25	9.10	40	1.20	130.26	OK	0.12	486.00	484.90	483.80	483.92	1.20	1.19		
9	10-2	162	2123.00	3245.00	5468.00	5.25	24.44	40	1.85	212.59	OK	1.35	482.80	482.50	483.81	482.25	1.15	1.25		
10	11-12	81	4295.00	0.00	4295.00	6.25	26.78	40	1.85	212.59	OK	1.08	484.75	483.50	483.35	483.47	1.20	1.03	Connection Level	
11	12-14	80	1172.00	3746.00	4918.00	6.25	68.24	40	1.28	184.75	OK	0.40	483.50	483.05	482.35	481.55	1.25	1.20		
12	13-14	68	4703.00	0.00	4703.00	6.25	20.60	40	1.85	212.59	OK	0.68	484.00	483.05	482.90	481.92	1.20	1.13	Connection Level	
13	14-15	38	1115.00	15701.00	16816.00	6.25	165.10	40	1.63	212.59	OK	0.52	482.25	482.30	481.85	481.93	1.20	0.97	Connection Level	
14	15-16	67	595.00	30259.00	30854.00	6.25	182.58	40	0.60	77.15	OK	0.14	482.50	482.20	482.32	480.18	1.96	2.02		
15	17-18	116	5695.00	0.00	5695.00	5.25	35.59	40	2.27	291.24	OK	0.17	482.20	481.50	480.15	480.05	2.22	1.85	To -RVP Drain	
16	18-Outlet 2	10	0.00	36939.00	36939.00	5.25	250.87	40	1.92	295.58	OK	0.50	487.20	489.73	486.00	485.50	1.20	1.20		
17	19-21	152	7525.00	0.00	7525.00	5.25	47.88	40	0.90	162.17	OK	0.50	487.20	489.73	486.00	485.50	1.20	1.20		
18	22-21	120	6200.00	0.00	6200.00	6.25	28.75	40	1.09	139.24	OK	0.74	487.50	485.73	486.30	485.59	1.20	1.14	Connection Level	
19	21-23	46	1573.00	13925.00	15498.00	6.25	52.24	40	0.81	118.50	OK	0.19	486.70	485.50	485.60	485.81	1.20	1.19		
20	23-23	107	5175.00	0.00	5175.00	6.25	32.94	40	0.91	116.50	OK	0.43	487.00	485.50	485.80	485.37	1.20	1.13	Connection Level	
21	24-25	47	2740.00	20573.00	23313.00	5.25	141.98	40	1.17	150.40	OK	0.31	486.50	489.20	485.31	485.00	1.19	1.20		

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Res/Everest Private Limited)


Engineer

Integrated Residential Piped Colony at Sector 3, 4 & 5, Pinner Kalka Urban Complex, District Panaji, Goa, Panyam

S. No.	Line No	Length	Area Served By Line		Intensity of Rainfall	Total Run Off	Dia of Pipe	Slope	Velocity	Capacity of Pipe	Check for Carrying Capacity	Fall in Line	Finished Road Level		Invert Level (I.L.)		Depth of Line		Remarks
			Self	Branch									U/End	L/End	U/End	L/End	U/End	L/End	
22	24-25	68	3250.00	0.00	6.25	20.31	3.54	400	1.44	18.20	OK	0.88	457.00	455.20	455.10	455.10	1.20	1.20	Connection Level
23	25-27	34	570.00	28963.00	6.25	155.63	48.06	400	1.08	138.24	OK	0.18	436.20	435.00	434.80	434.80	1.20	1.20	
24	26-27	70	4073.00	0.00	6.25	27.23	7.59	400	1.09	125.24	OK	0.40	455.50	455.00	454.90	454.90	1.30	1.10	Connection Level
25	27-28	190	12460.00	30925.00	6.25	271.58	75.27	400	0.86	237.80	OK	3.17	455.00	453.00	452.80	452.80	1.20	1.30	
26	28-29	127	3475.00	0.00	6.25	21.34	5.23	400	1.14	145.62	OK	0.78	457.30	455.00	454.80	454.80	1.20	1.18	Connection Level
27	29-34	55	666.00	45771.00	6.25	295.48	82.25	500	1.05	305.88	OK	0.73	455.00	452.20	451.84	451.84	1.36	1.30	Connection Level
28	30-32	151	5950.00	0.00	6.25	84.68	9.54	400	1.44	104.20	OK	1.51	455.80	452.20	451.35	451.35	1.20	1.21	Connection Level
29	31-32	14	687.00	0.00	6.25	5.42	1.51	400	0.86	77.15	OK	0.02	452.20	452.20	451.76	451.76	1.20	1.42	
30	32-34	16	147.00	6477.00	6.25	47.03	11.40	400	0.60	77.15	OK	0.03	453.20	452.20	451.76	451.76	1.42	1.45	
31	33-34	78	2753.00	0.00	6.25	17.22	4.78	400	0.43	311.35	OK	2.14	454.80	452.20	451.36	451.36	1.20	1.04	Connection Level
32	34-Outlet	10	0.00	55736.00	6.25	324.72	58.54	500	2.82	521.24	OK	0.23	452.20	451.90	451.75	451.75	1.46	1.54	To Flow Drain
33	35-37	193	2857.00	0.00	6.25	18.61	4.61	400	2.43	311.95	OK	2.24	455.80	453.50	452.55	452.55	1.26	0.34	Connection Level
34	36-37	26	335.00	0.00	6.25	2.09	0.59	400	0.85	199.79	OK	0.3	453.20	452.50	452.28	452.28	1.20	1.27	
35	37-39	75	2598.00	5590.00	6.25	34.94	8.70	400	2.03	260.50	OK	1.30	453.50	452.00	451.79	451.79	1.21	1.21	
36	38-39	107	4810.00	0.00	6.25	30.38	8.52	400	1.25	237.80	OK	1.02	453.00	452.00	451.82	451.82	1.20	1.18	Connection Level
37	39-41	89	865.00	11485.00	6.25	73.75	13.34	400	1.17	150.40	OK	0.46	452.00	451.50	451.33	451.33	1.21	1.17	
38	40-41	74	3704.00	0.00	6.25	23.15	6.43	400	2.14	274.58	OK	1.54	453.20	451.50	451.35	451.35	1.20	1.14	Connection Level
39	41-43	22	370.00	15788.00	6.25	37.24	27.01	400	2.27	251.24	OK	0.55	451.50	451.00	450.78	450.78	1.17	1.22	Connection Level
40	42-43	125	4870.00	0.00	6.25	30.44	8.45	400	2.03	260.50	OK	2.50	453.40	451.20	450.70	450.70	1.20	1.30	
41	43-46	51	1516.00	20423.00	6.25	137.15	38.10	400	2.43	311.95	OK	1.74	451.00	450.10	450.70	450.70	1.20	1.14	Connection Level
42	44-46	38	1312.00	0.00	6.25	17.23	3.15	400	0.97	113.50	OK	0.16	452.25	451.10	450.95	450.95	1.20	1.21	
43	45-46	76	3447.00	0.00	6.25	21.94	5.58	400	1.54	246.37	OK	1.38	450.60	450.00	450.00	450.00	1.20	1.59	Connection Level
44	48-49	46	823.00	37203.00	6.25	173.16	48.10	400	0.64	92.38	OK	0.10	459.10	458.00	457.93	457.93	1.21	1.20	
45	47-48	61	2225.00	0.00	6.25	13.91	3.86	400	1.85	237.60	OK	1.02	450.00	450.00	450.00	450.00	1.20	1.22	

SOL TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Trico Private Limited)

[Signature]
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S.No.	Line No	Length	Area Served By Line		Intensity of Rainfall	Total Run Off	Dia. of Pipe	Slope	Velocity	Capacity of Pipe	Check for Fall in Line	Finished Road Level		Invert Level (I.L)		Depth of Line		Remark	
			Self	Branch								U/End	L/End	U/End	L/End	U/End	L/End		
46	46-52	4.27	5175.00	23533.00	5.25	283.60	62.17	400	65	2.14	272.58	OK	415	458.00	458.00	457.78	253.62	1.22	1.37
47	49-57	15	375.00	0.00	6.25	2.54	0.55	400	870	0.80	77.35	OK	0.02	455.25	455.25	454.05	454.05	0.20	1.22
48	50-51	83	2592.00	0.00	6.25	18.20	4.50	400	250	0.97	138.50	OK	0.25	455.00	455.00	454.30	454.05	1.20	1.20
49	57-52	49	282.00	2967.00	6.25	23.42	3.51	400	200	1.02	130.25	OK	0.25	455.00	455.00	454.05	453.78	1.22	1.21
50	52-54	107	5522.00	30556.00	6.25	291.75	78.23	400	75	1.08	272.89	OK	1.35	455.00	455.00	453.83	453.28	1.37	1.32
51	53-54	4	100.00	0.00	6.25	0.93	0.17	400	570	0.92	77.15	OK	0.01	453.80	453.80	452.40	452.30	1.20	1.21
52	54-56	15	0.00	45177.00	6.25	282.08	78.45	400	570	0.60	77.15	OK	0.03	453.80	453.80	452.40	452.30	1.20	1.21
53	55-57	340	37592.00	0.00	6.25	234.41	58.11	400	50	2.05	283.50	OK	6.80	450.00	453.60	453.60	452.00	1.20	1.50
54	56-53	134	10500.00	82882.00	6.25	581.14	161.43	500	85	1.87	382.83	OK	2.18	453.80	451.40	452.30	449.84	1.80	1.55
55	57-58	145	8250.00	0.00	6.25	26.05	10.85	400	70	1.72	220.18	OK	2.14	453.80	451.40	452.30	450.50	1.20	1.17
56	58-Outlet 4	25	0.00	52232.00	6.25	620.20	172.28	500	100	1.87	391.22	OK	0.25	451.60	451.60	448.84	448.59	1.80	1.61
57	59-67	309	18976.00	0.00	6.25	308.06	28.47	400	55	1.84	249.37	OK	5.62	453.80	448.00	452.40	448.78	1.20	2.2
58	60-61	200	3840.00	0.00	6.25	241.00	6.67	400	50	2.03	230.50	OK	5.92	453.80	448.00	452.40	448.80	1.20	1.40
59	61-66	90	2435.00	23915.00	6.25	157.86	42.19	400	50	1.44	184.30	OK	0.80	448.00	447.00	448.00	448.84	1.20	1.18
60	62-64	45	2585.00	0.00	6.25	16.22	4.51	400	50	2.05	283.50	OK	0.90	452.25	451.00	451.00	448.84	1.20	1.22
61	63-64	122	4980.00	0.00	6.25	95.15	15.53	400	80	1.61	205.84	OK	1.65	453.80	451.00	451.00	448.84	1.20	1.22
62	64-65	74	9145.00	11573.00	6.25	95.00	25.52	400	75	1.68	212.28	OK	0.58	451.00	450.00	449.15	448.80	1.20	1.20
63	65-66	107	7845.00	0.00	6.25	47.78	13.27	400	100	1.44	184.30	OK	1.02	451.00	450.00	449.00	448.78	1.20	1.27
64	66-68	53	3140.00	22365.00	6.25	189.11	44.28	400	45	2.14	274.59	OK	1.65	450.00	448.50	448.50	447.20	1.27	1.30
65	67-68	35	5500.00	0.00	6.25	40.63	11.28	400	100	1.44	184.30	OK	0.85	448.50	446.50	448.30	447.26	1.20	1.15
66	68-69	73	2585.00	32235.00	6.25	216.88	60.24	400	45	2.04	274.55	OK	1.82	448.50	447.00	447.00	445.57	1.43	1.43
67	69-79	18	0.00	5200.00	6.25	368.75	62.43	500	570	0.70	189.38	OK	0.03	447.00	445.57	445.57	445.57	1.43	1.45
68	70-72	32	2585.00	0.00	6.25	22.41	5.22	400	150	1.17	150.40	OK	0.21	446.50	446.30	447.30	447.08	1.20	1.21

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as TROFAST Private Limited)


 Authorised Signatory

Integrated Residential Piped Colony at Sector-3, 4 & A, Pinyans Kalika Urban Complex, District Ferozshah, Haryana

S.No.	Line No	Length	Area Served By Line		Intensity of Rainfall	Total Run Off	Dia of Pipe	Slope	Velocity	Capacity of Pipe	Coef for Carrying Capacity	Fall in Line	Finished Road Level		Invert Level (I.L.)		Depth of Line		Remark
			Self	Branch									U/End	L/End	U/End	L/End	U/End	L/End	
69	71-72	89	4770.00	0.00	4770.00	5.28	400	1.50	3.08	30.23	OK	0.20	448.50	448.30	447.10	447.10	1.20	1.20	
70	72-73	188	6678.00	8355.00	16033.00	26.10	400	1.50	1.17	192.40	OK	1.75	448.30	447.00	445.88	445.88	1.42	1.17	Connection Level
71	73-75	43	1775.00	7403.00	7688.00	13.57	500	0.85	2.82	584.94	OK	1.23	447.00	445.00	444.32	444.32	1.48	1.48	
72	74-75	290	3585.00	0.00	3585.00	6.02	400	0.80	2.33	260.50	OK	5.60	451.50	445.00	444.10	444.10	1.30	1.30	Connection Level
73	75-0/urball 5	10	0.00	7953.00	7953.00	137.04	500	0.80	2.26	472.88	OK	0.20	445.00	446.50	444.32	444.32	1.48	1.48	To HSYF Drain
			26770.00																

For TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Tree Traverser Private Limited)

Authorised Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalika Urban Complex, District Panchkula, Haryana				
Name of Work : Load on Storm Water Lines - Area Details				
S.No	LINE NO.	LENGTH IN MTR.	AREA IN (SQ MTR)	AREA IN (ACRES)
1	1-4	223	9750.00	2.409
2	2-4	148	5048.00	1.247
3	4-Outfall 1	10	0.00	0.000
4	5-7	54	668.00	0.165
5	6-7	140	6263.00	1.549
6	7-15	217	6512.00	1.609
7	8-10	39	1075.00	0.463
8	9-10	38	1470.00	0.363
9	10-12	102	2110.00	0.523
10	11-12	81	4285.00	1.059
11	12-14	50	1170.00	0.289
12	13-14	66	4783.00	1.182
13	14-15	39	1115.00	0.276
14	15-18	80	685.00	0.243
15	17-18	116	5695.00	1.407
16	18-Outfall 2	10	0.00	0.000
17	19-21	163	7625.00	1.884
18	20-21	130	6200.00	1.532
19	21-23	48	1573.00	0.389
20	22-23	107	5175.00	1.279
21	23-25	47	2140.00	0.529
22	24-25	68	3250.00	0.803
23	25-27	34	570.00	0.141
24	26-27	71	4373.00	1.081
25	27-29	190	12450.00	3.076
26	28-29	127	3415.00	0.844
27	29-34	55	668.00	0.165

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No	LINE NO.	LENGTH IN MTR.	AREA IN (SQ MTR)	AREA IN (ACRES)
28	30-32	101	5550.00	1.371
29	31-32	14	887.00	0.214
30	32-34	18	147.00	0.036
31	33-34	74	2766.00	0.681
32	34-Outfall 3	10	0.00	0.000
33	35-37	103	2687.00	0.657
34	36-37	26	335.00	0.083
35	37-39	78	2598.00	0.642
36	38-39	107	4910.00	1.213
37	39-41	89	986.00	0.243
38	40-41	96	3704.00	0.915
39	41-43	22	370.00	0.091
40	42-43	178	4870.00	1.203
41	43-46	61	1615.00	0.374
42	44-46	30	1812.00	0.448
43	45-46	79	3447.00	0.852
44	46-48	49	506.00	0.125
45	47-48	61	2226.00	0.550
46	48-52	187	5875.00	1.452
47	49-51	103	375.00	0.093
48	50-51	63	2692.00	0.640
49	51-52	49	780.00	0.193
50	52-54	101	5522.00	1.365
51	53-54	4	100.00	0.025
52	54-56	16	0.00	0.000
53	55-56	340	37605.00	9.268
54	56-58	184	10300.00	2.545
55	57-58	143	8250.00	1.544
56	58-Outfall 4	25	0.00	0.000
57	59-61	309	16975.00	4.195

Integrated Residential Plotted Colony at Sector 3, 4 4A, Pinyoro Kaika Urban Complex, District Panchkola, Haryana

S.No	LINE NO.	LENGTH IN MTR.	AREA IN (SQ MTR.)	AREA IN (ACRES)
58	60-61	280	3840.00	0.919
59	61-69	90	3485.00	0.861
60	62-64	46	2595.00	0.641
61	63-64	122	8880.00	2.219
62	64-66	74	3145.00	0.777
63	65-66	107	7645.00	1.899
64	66-68	69	3140.00	0.778
65	67-68	85	6500.00	1.606
66	68-69	73	2695.00	0.666
67	69-73	16	0.00	0.000
68	70-72	32	3685.00	0.896
69	71-72	89	4770.00	1.179
70	72-73	188	8678.00	1.850
71	73-75	43	1775.00	0.438
72	74-75	292	3585.00	0.886
73	75-Outfall 5	10	0.00	0.000
		6855.00	287120.00	70.949

For TRIDENT HILLS PRIVATE LIMITED
(Formerly Known as Flyover Private Limited)


Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalika Urban Complex, District Panchkula, Haryana

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalika Urban Complex, District Panchkula, Haryana													
Name of Work: Material Statement of External Storm Water Drainage System													
S.No.	Name of Line No.	Length of Storm Water in Mtr.	Dia of Pipe in mm	Depth of Line		Average Depth in Mtr.	400 MM Dia Pipe		500 MM Dia Pipe		600 MM Dia Pipe		
				U/End in Mtr.	L/End in Mtr.		Depth 0 - 2.0 M	Depth 2 - 4.0 M	Depth 0 - 2.0 M	Depth 2 - 4.0 M	Depth 0 - 2.0 M	Depth 2 - 4.0 M	
1	1-4	223	400	1.20	1.13	1.16	223	0	0	0	0	0	0
2	2-4	162	400	1.20	1.20	1.20	162	0	0	0	0	0	0
3	4-Outfall 1	10	400	1.20	1.15	1.17	10	0	0	0	0	0	0
4	5-7	54	400	1.20	1.79	1.50	54	0	0	0	0	0	0
5	8-7	140	400	1.20	1.25	1.22	140	0	0	0	0	0	0
6	7-15	217	400	1.79	1.98	1.89	217	0	0	0	0	0	0
7	8-10	39	400	1.20	1.19	1.19	39	0	0	0	0	0	0
8	9-10	37	400	1.20	1.19	1.19	37	0	0	0	0	0	0
9	11-12	102	400	1.19	1.25	1.22	102	0	0	0	0	0	0
10	11-12	81	400	1.20	1.03	1.11	81	0	0	0	0	0	0
11	12-14	50	400	1.25	1.20	1.22	50	0	0	0	0	0	0
12	13-14	68	400	1.20	1.13	1.16	68	0	0	0	0	0	0
13	14-15	39	400	1.20	0.97	1.08	39	0	0	0	0	0	0
14	15-18	80	400	1.98	2.02	2.00	80	0	0	0	0	0	0
15	17-18	116	400	1.20	1.30	1.25	116	0	0	0	0	0	0
16	18-Outfall 2	10	500	2.02	1.55	1.93	0	0	10	0	0	0	0

FOR TRIDENT FILLS PRIVATE LIMITED
(Formerly Known as Trident Waste Limited)



Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinyore Kalita Urban Complex, District Panchkula, Haryana

S.No.	Name of Line No.	Length of Storm Water	Dia of Pipe	Depth of Line		Average Depth	400 MM Dia Pipe	500 MM Dia Pipe	600 MM Dia Pipe
				U/End	L/End				
17	19-21	162	400	1.20	1.20	1.20	162	0	0
18	20-21	130	400	1.20	1.14	1.17	130	0	0
19	21-23	48	400	1.20	1.19	1.19	48	0	0
20	22-23	107	400	1.20	1.13	1.19	107	0	0
21	23-25	47	400	1.19	1.20	1.20	47	0	0
22	24-25	68	400	1.20	1.08	1.14	68	0	0
23	25-27	34	400	1.20	1.20	1.20	34	0	0
24	26-27	70	400	1.20	1.10	1.15	70	0	0
25	27-29	190	400	1.20	1.36	1.28	190	0	0
26	28-29	127	400	1.20	1.19	1.20	127	0	0
27	29-34	55	500	1.36	1.30	1.33	0	55	0
28	30-32	161	400	1.20	1.21	1.20	161	0	0
29	31-32	14	400	1.20	1.42	1.31	14	0	0
30	32-34	16	400	1.42	1.45	1.44	16	0	0
31	33-34	75	400	1.20	1.04	1.12	75	0	0
32	34-Outfall 3	10	500	1.45	1.44	1.45	0	10	0
33	35-37	103	400	1.20	0.84	1.02	103	0	0
34	36-37	26	400	1.20	1.21	1.20	26	0	0

Integrated Residential Piped Colony at Sector 3, 4 & 4A, Pjnore Kalka Urban Complex, District Panchkula, Haryana


S.No.	Name of Line No.	Length of Storm Water	Dia of Pipe	Depth of Line		Average Depth	400 MM Dia Pipe	500 MM Dia Pipe	600 MM Dia Pipe
				U/End	L/End				
36	37-39	75	400	1.21	1.21	1.21	75	0	0
36	38-39	107	400	1.20	1.18	1.19	107	0	0
37	39-41	69	400	1.21	1.17	1.19	69	0	0
38	40-41	74	400	1.20	1.14	1.17	74	0	0
39	41-43	22	400	1.17	1.22	1.19	22	0	0
40	42-43	126	400	1.20	1.30	1.25	126	0	0
41	43-46	61	400	1.30	1.14	1.22	61	0	0
42	44-46	39	400	1.20	1.21	1.20	39	0	0
43	45-46	26	400	1.20	1.08	1.14	26	0	0
44	46-46	49	400	1.21	1.20	1.21	49	0	0
45	47-48	61	400	1.20	1.22	1.21	61	0	0
46	48-52	187	400	1.22	1.37	1.29	187	0	0
47	49-51	10	400	1.20	1.22	1.21	10	0	0
48	50-51	63	400	1.20	1.20	1.20	63	0	0
49	51-52	49	400	1.22	1.21	1.22	49	0	0
50	52-54	101	400	1.37	1.32	1.35	101	0	0
51	53-54	4	400	1.20	1.21	1.20	4	0	0
52	54-56	15	400	1.52	1.36	1.33	15	0	0
53	55-56	340	400	1.20	1.60	1.40	340	0	0

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Trident Private Limited)

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Integrated Residential Plotted Colony at Sector 5, 4-A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

S.No.	Name of Line No.	Length of Storm Water	Dia of Pipe	Depth of Line		Average Depth	400 MM Dia Pipe	500 MM Dia Pipe	600 MM Dia Pipe
				U/End	L/End				
54	56-58	184	500	1.50	1.55	1.53	0	184	0
55	57-55	143	400	1.20	1.14	1.17	143	0	0
56	58-Outfall 4	25	500	1.55	1.51	1.54	0	25	0
57	59-61	309	400	1.20	1.22	1.21	309	0	0
58	60-61	290	400	1.20	1.40	1.30	280	0	0
59	61-69	90	400	1.40	1.30	1.35	80	0	0
60	62-64	48	400	1.20	1.18	1.19	48	0	0
61	63-64	122	400	1.20	1.22	1.21	122	0	0
62	64-66	74	400	1.22	1.20	1.21	74	0	0
63	65-68	107	400	1.20	1.27	1.23	107	0	0
64	66-68	69	400	1.27	1.30	1.28	69	0	0
65	67-68	85	400	1.20	1.15	1.17	85	0	0
66	68-69	73	400	1.30	1.43	1.36	73	0	0
67	69-75	16	500	1.43	1.45	1.44	0	16	0
68	70-72	32	400	1.20	1.21	1.21	32	0	0
69	71-72	88	400	1.20	1.20	1.20	88	0	0
70	72-73	188	400	1.21	1.17	1.19	188	0	0
71	73-76	43	500	1.45	1.48	1.47	0	43	0


FOR TRIDENT HILLS PRIVATE LIMITED
 (Formerly known as Iseo Eminent Private Limited)


 Authorised Signatory

Integrated Residential Plotted Colony at Sector 3, 4 4A, Poojara Kejla Urban Complex, District Panchkula, Haryana

S.No.	Name of Line No.	Length of Storm Water	Dia of Pipe		Depth of Line		Average Depth	400 MM Dia Pipe	500 MM Dia Pipe	600 MM Dia Pipe
			400	500	U/End	L/End				
72	74-75	280	400		1.20	1.30	1.25	260	0	0
73	75-Outfall 5	10	500		1.43	1.38	1.43	0	10	0
	Total	6692.00						6340.00	0.00	0.00

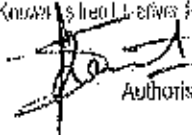
FOR TRIDENT HILLS PRIVATE LIMITED
(Formerly known as Everet Private Limited)


Authorised Signatory

Name of Project: Integrated Residential Plotted Colony at Sector 3, 4 & 4A, Pinjore Kalka Urban Complex, District Panchkula, Haryana

Name of Work: Material Statement of Road Works

AREA STATEMENT FOR ROAD					
Sr. No	Name of Road	Road Width MTR	Length MTR	Black Top Width MTR	Area SQM.
1	Road No 1	12	80	6.55	480.00 440
2	Road No 2	12	40	6.55	240.00 220
3	Road No 3	12	151	6.55	806.00 830 50
4	Road No 4	12	150	6.55	800.00 825
5	Road No 5	12	153	6.55	816.00 840 50
6	Road No 6	24	119	14 15 (2x7)	1696.00 158
7	Road No 7	12	47	6.55	282.00 258 50
8	Road No 8	12	95	6.55	570.00 512 50
9	Road No 9	12	79	6.55	474.00 430 50
10	Road No 10	12	107	6.55	642.00 580 50
11	Road No 11	12	109	6.55	664.00 590 50
12	Road No 12	24	319	14 15 (2x7)	4785.00 4406.00
13	Road No 13	12	124	6.55	744.00 680
14	Road No 14	12	96	6.55	576.00 520
15	Road No 15	24	189	14 16 (2x7)	2885.00 2600
16	Road No 16	15	76	9.70	684.00 530
17	Road No 17	15	105	9.70	945.00 730
18	Road No 18	12	54	6.55	324.00 290
19	Road No 19	12	64	6.55	384.00 350
20	Road No 20	12	107	6	642.00 580 50
21	Road No 21	12	128	6	768.00 700
22	Road No 22	12	114	6	684.00 620
23	Road No 23	12	209	6	1254.00 1140 50
24	Road No 24	6	65	6	390.00 350 50
25	Road No 25	12	32	6	192.00 170
26	Road No 26	12	93	6	558.00 510 50
27	Road No 27	12	42	6	252.00 230
28	Road No 28	12	30	6	228.00 200
29	Road No 29	12	232	6	1392.00 1270
30	Road No 30	12	42	6	252.00 230
31	Road No 31	12	42	6	252.00 230
32	Road No 31A	12	83	6.55	498.00 450 50
33	Road No 31B	12	42	6.55	252.00 230
34	Road No 32	24	578	14 15 (2x7)	6670.00 6000
35	Road No 33	24	222	14 15 (2x7)	3600.00 3300
36	Road No 34	24	180	14 15 (2x7)	2700.00 2500
37	Road No 35	12	126	6.55	756.00 690
38	Road No 36	12	102	6	612.00 560
39	Road No 37	12	93	6	558.00 510 50
40	Road No 38	12	276	6	1656.00 1510
41	Road No 39	12	93	6	558.00 510 50
42	Road No 40	12	104	6.55	624.00 570


Authorised Signatory

AREA STATEMENT FOR ROAD					
Sr. No	Name of Road	Road Width	Length	Black Top Width	Area
		MTR	MTR	MTR	SQM.
43	Road No 41	12	16	-6-5-5"	96.00-88
44	Road No 42	24	144	14-45(2.87)	2160.00 2.01
45	Road No 43	12	392	-6-5-5"	2884.00 2.19
	Total		5753.00		50766.00
	Add 5% for Curves				2538.30
	Grand Total				53304.30
	Say				53304.30
B	For Kerb & Channels				
	Total Road Length	5753.00	Mtr		
	Sides	2			
	Total	11506.00	Mtr		
	Add 5% for Curves	575.30	Mtr		
	Grand Total	12081.30	Mtr		
	Say	12080.00	Mtr		
C	For Foot Path				
	12 Mtr Road	3827	2	2.35	17986.90
	15 Mtr Road	101	2	2.35	850.70
	24 Mtr Road	1745	2	3.6	12564.00
	Total				31401.60
	Add 5% for Curves				1670.08
	Grand Total				32971.68
	Say				32975.00

46745.56
 2337.27
 49082.83

For TRIDENT HILLS PRIVATE LIMITED
 (Formerly Known as Indo Ezya Private Limited)

[Signature]
 Authorised Signatory


- vi) That you shall integrate the services with Haryana Shahari Vikas Pradhikaran services as and when made available.
- vii) That you shall construct at your own cost, or get constructed by any other institution or individual at its cost, the community buildings on the land set apart for this purpose as per provision of Section 3 (3) (a) (iv) of Act, 1975.
- viii) That you have not submitted any other application for grant of license for development of the said land or part thereof for any purpose under the provisions of the Haryana Development and Regulation of Urban Areas Act, 1975 or any application seeking permission for change of land use under the provision of the Punjab Scheduled Roads and Controlled Area Restriction of Unregulated Development Act, 1963.
- ix) That you have understand that the development/construction cost of 24 m/18 m major internal roads is not included in the EDC rates and they shall pay the proportionate cost for acquisition of land, if any, alongwith the construction cost of 24 m/18 m wide major internal roads as and when finalized and demanded by the Department.
- x) That you shall obtain NOC/Clearance as per provisions of notification dated 14.09.2006 issued by Ministry of Environment & Forest, Govt. of India, if applicable before execution of development works at site.
- xi) That you shall make your own arrangements for water supply, sewerage, drainage etc. to the satisfaction of Director till these services are made available and the same is made functional from External Infrastructure to be laid by Haryana Shehar Vikas Pradhikaran or any other execution agency.
- xii) That you shall obtain clearance from competent authority, if required under Punjab Land Preservation Act, 1900 and any other clearance required under any other law.
- xiii) That the rain water harvesting system shall be provided as per Central Ground Water Authority Norms/Haryana Govt. notification as applicable.
- xiv) That the provision of solar water heating system shall be as per guidelines of Haryana Renewable Energy Development Agency and shall be made operational where applicable before applying for an Occupation Certificate.
- xv) That you shall use only LED fitting for internal lighting as well as campus lighting.
- xvi) That you shall convey the 'Ultimate Power Load Requirement' of the project to the concerned power utility, with a copy to the Director, within two months period from the date of grant of license to enable provision of site in licensed land for Transformers/Switching Stations/Electric Sub Stations as per the norms prescribed by the power utility in the zoning plan of the project.
- xvii) That it will be made clear at the time of booking of plots/commercial space that specified rates include or do not include EDC. In case of not inclusion of EDC in the booking rates, then it may be specified that same are to be charged separately as per rate fixed by the Govt. You shall also provide detail of calculation of EDC per Sqm/per sft. to the Allottees while raising such demand from the plot owners.
- xviii) That you shall keep pace of development atleast in accordance with sale agreement executed with the buyers of the plots as and when scheme is launched.
- xix) That you shall arrange power connection from UHBYNL/DHBYNL for electrification of the colony and shall install the electricity distribution infrastructure as per the peak load requirement of the colony for which licensee shall get the electrical (distribution) service plan/estimates approved from the agency responsible for installation of external electric services i.e.

UHBVNL/DHBVNL and complete the same before obtaining completion certificate for the colony.

- xx) That you will pay the labour cess as per policy instructions issued by Haryana Government vide Memo No. Misc. 2057-5/25/2008/2TGP dated 25.02.2010.
- xxi) That you shall submit compliance of Rule 24, 26, 27 & 28 of Rules 1976 & Section 5 of Haryana Development and Regulation of Urban Areas Act, 1975, and shall inform account number and full particulars of the scheduled bank wherein you have to deposit thirty percentum of the amount received from the plot holders for meeting the cost of Internal Development Works in the colony.
- xxii) That no further sale has taken place after submitting application for grant of license.
- xxiii) That you shall not give any advertisement for sale of plots/commercial area before the approval of layout plan.
- xxiv) That you shall construct the access to the site upto higher order road in concurrence with the concerned authority before allotment of plot.
- xxv) That you shall follow the provisions of the Real Estate (Regulations and Development) Act, 2016 and Rules framed thereunder shall be followed by the applicant in letter and spirit.
- xxvi) That no provision of the Haryana Ceiling on Land Holding Act, 1972 has been violated due to purchase of applied land.
- xxvii) That the owner/developer shall integrate the bank account in which 70 percent allottee receipts are credited as per Section-4(2)(I)(D) of the Real Estate Regulation and Development Act, 2016.
- xxviii) That you shall abide by the terms and conditions of policy dated 19.12.2006, 29.08.2019, 20.10.2020 and 18.02.2016 and other direction given by the Director time to time to execute the project.
- xxix) That you shall provide the details of calculation per Sqm/per Sq. ft., to the allottee while raising demand from the flat owner/plot owner/ commercial space owners, in case at the time of booking of the plot/flat/commercial space, the IDC/EDC rates were not included and are to be charged separately as per rates fixed by the Government.
- xxx) That you shall execute the development works as per Environmental Clearance and comply with the provisions of Environment Protection Act, 1986, Air (Prevention and Control of Pollution of Act, 1981) and Water (Prevention and Control of Pollution of 1974). In case of any violation of the provisions of said statutes, you shall be liable for penal action by Haryana State Pollution Control Board or any other Authority Administering the said Acts.
- xxxi) That you shall abide by all the provisions of Act no. 8 of 1975 and Rules framed thereunder as amended time to time.
- xxxii) That you shall maintain the right of way along 220 KV HT line passing through the applied site.
- xxxiii) That you shall not encroach the revenue rasta passing through the applied site and keep them open for thoroughfare movement of the general public.
- xxxiv) That licenced land forming the part of Sector, Road, Service roads, Green belts and 24/18 mtrs wide road as the case may be land pockets which are earmarked for community sites shall be transferred within a period of 30 days in favour of Government from the date of approval of Zoning Plan, if applicable.
- xxxv) That you shall abide by Resolution Plan approved by Hon'ble NCLT vide order dated 06.08.2021.

- xxxvi) That you shall obey all the directions/restrictions imposed by the Department from time to time.
- xxxvii) That you shall complete the project within seven years (5+2 years) from date of grant of license as per clause 9.2 of the policy dated 11.05.2022.
3. That you shall submit NOC from District Forest Officer, Panchkula before approval of Zoning Plan.
4. The licence is valid up to 17/08/2027.


Dated: The 18/08/2022.
Chandigarh


(K. Makrand Pandurang, IAS)
Director, Town & Country Planning
Haryana, Chandigarh

Endst. No. LC-4822-A-JE (SB)-2022/24718 Dated: 18-08-2022

A copy along with a copy of schedule of land is forwarded to the following for information and necessary action: -

1. ~~Swapan Ghar Propbuild Pvt. Ltd., Veld Propbuild Pvt. Ltd., IRIS Propbuild Pvt. Ltd., Era Propbuild Pvt. Ltd., Magma Conbuild Pvt. Ltd., Prong Propbuild Pvt. Ltd., Magnolia Propbuild Pvt. Ltd., Soul Mates Propbuild Pvt. Ltd., IREO Fiveriver Pvt. Ltd. and Smt. Simran w/o Sh. Anand executed Development/collaboration agreement with IREO Fiveriver Pvt. Ltd., Regd. Off. 310, Prakash Deep Building, 7 Tolystoy Marg, New Delhi - 110 001 alongwith a copy of agreement, I.C-IV B, Bilateral agreement & layout plan.~~
2. Chairman, Pollution Control Board, Haryana, Sector-6; Panchkula.
3. Chief Administrator, HSVP, Panchkula.
4. Chief Administrator, Housing Board, Panchkula alongwith copy of agreement.
5. Managing Director, HVPN, Planning Directorate, Shakti Bhawan, Sector-6, Panchkula.
6. Joint Director, Environment Haryana - Cum-Secretary, SEAC, Paryavaran Bhawan, Sector -2, Panchkula.
7. Addl. Director Urban Estates, Haryana, Panchkula.
8. Administrator, HSVP, Panchkula
9. Chief Engineer, HSVP, Panchkula.
10. Superintending Engineer, HSVP, Panchkula along with a copy of agreement.
11. Land Acquisition Officer, Panchkula.
12. Senior Town Planner, Panchkula alongwith layout plan.
13. District Town Planner, Panchkula along with a copy of agreement and layout plan.
14. Chief Accounts Officer O/o DTCP, Haryana, Chandigarh along with a copy of agreement.
15. Nodal Officer (Website) to update the status on the website.


(Narender Kumar)
District Town Planner (HQ)
For Director, Town & Country Planning
Haryana Chandigarh

To be read with License No. 124 Dated 18/08 of 2022

S.No	Village	Khasra No.	Area of Khasras			Area of Khasras			
			B	B	B	B	B	B	
1	Details of Land owned by M/s Swapan Ghar Propbuld Pvt. Ltd.								
	Islamnagar	404	3	11	0	1	11	0	
		406	8	18	0	8	18	0	
		Total Kitta 2	9	29	0	9	29	0	
			10	9	0	10	9	0	
2	Details of Land owned by M/s Veld Propbuld Pvt. Ltd.								
		505/457/269	11	7	0	1	16	0	
		271	7	16	0	3	2	0	
		296/1	4	4	0	4	4	0	
		512/459/342	2	11	0	1	11	0	
		458/342	14	17	0	0	15	0	
		Total Kitta 5	38	55	0	9	48	0	
			40	15	0	11	8	0	
3	Details of Land owned by M/S IRIS Propbuld Pvt. Ltd.								
		587/313	2	0	0	2	0	0	
		589/315	2	0	0	2	0	0	
		327	4	18	0	4	18	0	
		328	2	15	0	2	15	0	
		329	2	11	0	2	11	0	
		362	3	8	0	3	8	0	
		411	6	14	0	6	14	0	
		412	12	19	0	12	19	0	
		413/2	2	0	0	2	0	0	
		Total Kitta 9	35	85	0	35	85	0	
			38	5	0	39	5	0	
4	Details of Land owned by M/S Era Propbuld Pvt. Ltd.								
		297/1	8	17	0	8	17	0	
		297/2	4	9	0	4	9	0	
		297/3	4	9	0	4	9	0	
		298	5	10	0	5	10	0	
		320	3	12	0	3	12	0	
		299	0	18	0	0	18	0	
		300	5	7	0	5	7	0	
		371/1	0	10	0	0	10	0	
		410/2/1	0	9	0	0	9	0	
		Total Kitta 9	29	101	0	29	101	0	
				34	1	0	34	1	0

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D.T.C.P (HR)
Jas

5.	Details of Land owned by M/s Magma Conbuild Pvt. Ltd.							
	Islamnagar	270/2	16	10	0	12	11	0
		365	2	1	0	2	1	0
		366	6	15	0	6	15	0
		370	7	19	0	7	19	0
		368	8	15	0	8	15	0
		369	17	0	0	17	0	0
		Total Kitta 6	56	60	0	52	61	0
			59	0	0	55	1	0
	6	Details of Land owned by M/s Prong Propbuild Pvt. Ltd.						
		306	8	13	0	8	13	0
		305	0	16	0	0	16	0
		409/2	3	10	0	6	10	0
		301	1	11	0	1	11	0
		302	4	6	0	4	6	0
		304	5	2	0	5	2	0
		319	2	13	0	2	13	0
		Total Kitta 7	26	71	0	28	71	0
			29	11	0	29	11	0
7	Details of Land owned by M/s Magnolia Propbuild Pvt. Ltd.							
	Islamnagar	307	13	12	0	13	12	0
		308	1	2	0	1	2	0
		463/309	10	8	0	10	8	0
		311	8	17	0	8	17	0
		312	6	0	0	6	0	0
		314	2	15	0	2	15	0
		588/313	3	16	0	1	16	0
		590/315	3	15	0	3	15	0
		592/318	2	1	0	2	1	0
		323	16	19	0	16	19	0
		358	3	0	0	3	0	0
		408	2	0	0	2	0	0
		410/2/2	9	19	0	9	19	0
		372	8	3	0	8	3	0
		363	2	10	0	2	10	0
		373	4	10	0	4	10	0
		359	7	0	0	7	0	0
		360	8	6	0	8	6	0
		291/1/1	1	8	0	1	8	0
		296/2	4	4	0	4	4	0
		338/2	3	0	0	2	2	0
		367/1	0	10	0	0	10	0
		367/2	0	10	0	0	10	0
		270/1/1	2	10	0	2	10	0
	270/1/2	2	10	0	2	10	0	
	Total Kitta 25	117	205	0	136	207	0	
		127	1	0	126	7	0	

D.T.C.P (HR)
E

8	Details of Land owned by M/s Soul Mates Propbuild Pvt. Ltd.							
	336	1	7	0	0	15	0	
	337	1	9	0	1	9	0	
	Total Kitte 2	2	16	0	1	24	0	
		2	16	0	2	4	0	
9	Details of Land owned by M/s Magnia Conbuild Pvt. Ltd. 50/99 share & M/S Veld Propbuild Pvt. Ltd. 49/99 share							
	341/2	4	19	0	4	0	0	
	Total Kitte 1	4	19	0	4	0	0	
		4	19	0	4	0	0	
10	Details of Land owned by M/s Magnolia Propbuild Pvt. Ltd. 513/575 share & Iroo Fiveriver Pvt. Ltd. 62/575 share							
	371/2	8	7	0	8	7	0	
	407	20	8	0	20	8	0	
	Total Kitte 2	28	15	0	28	15	0	
		28	15	0	28	15	0	
11	Details of Land owned Smt. Simran w/o Anand							
	Islamnagar 316/6	1	2	0	1	2	0	
		1	2	0	1	2	0	
		Grand Total			342	3	0	
					71.28125 Acres			

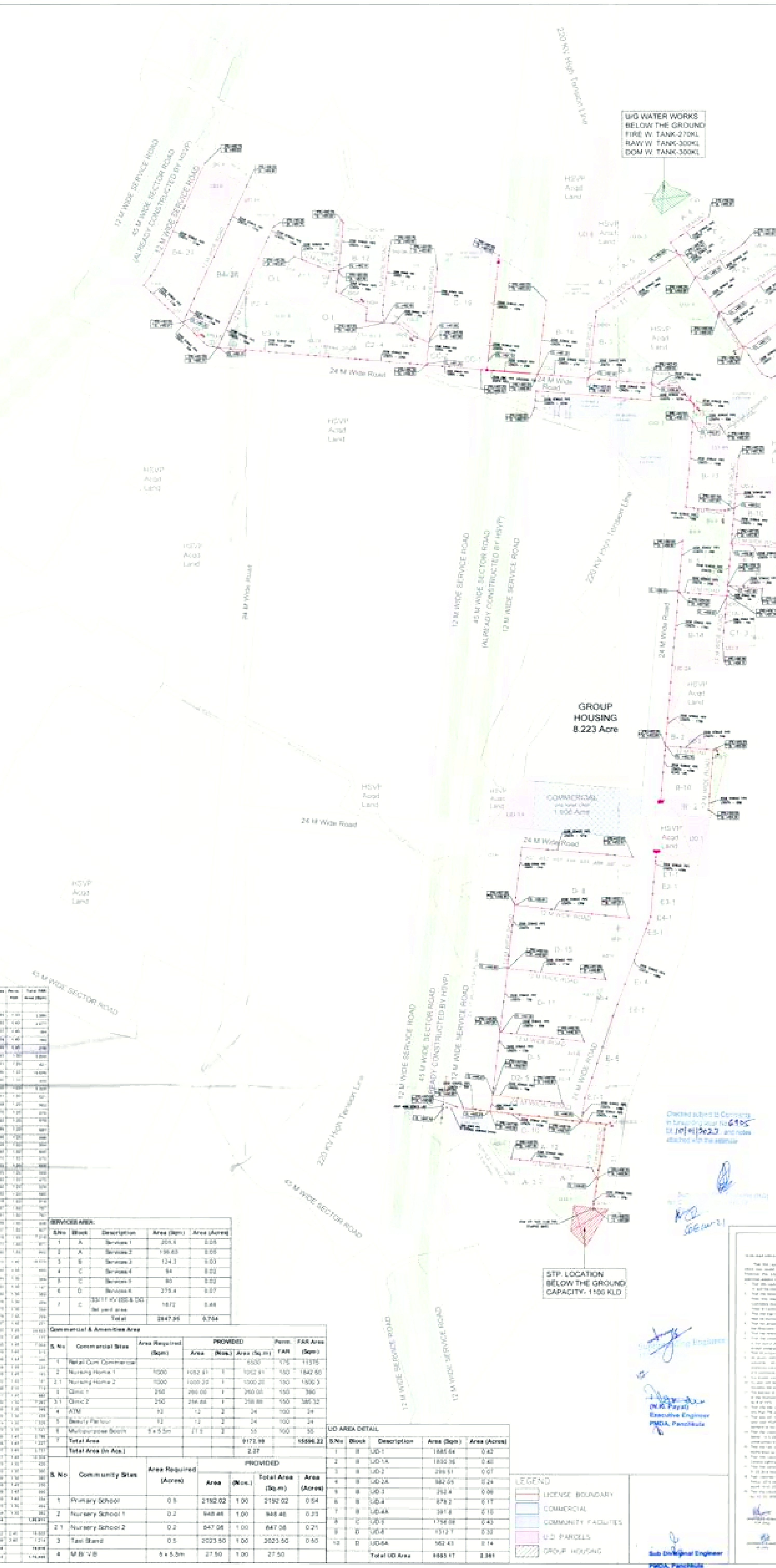
Director,
Town & Country Planning
Haryana
Jaisi (Haryana)

UD AREA DETAIL					
S.No	Block	Description	Area (Sq.m)	Area (Acres)	Total UD Area
1	B	UD-1	1885.64	0.43	8885.47
2	B	UD-1A	1855.56	0.42	
3	B	UD-2	284.61	0.07	
4	B	UD-2A	882.04	0.24	
5	B	UD-3	262.4	0.08	
6	B	UD-4	878.2	0.11	
7	B	UD-4A	39.8	0.10	
8	B	UD-5	1756.88	0.43	
9	B	UD-6	1512.1	0.33	
10	B	UD-6A	34.2	0.09	
11	B	UD-6A	162.43	0.14	
12	B	UD-6A	962.43	0.21	
13	B	UD-6A	162.43	0.14	
Total			9175.88	2.27	

COMMERCIAL & AMENITIES AREA					
S.No	Block	Description	Area (Sq.m)	Area (Acres)	Total Area
1	A	Services 1	203.4	0.05	
2	A	Services 2	136.63	0.05	
3	B	Services 3	134.3	0.03	
4	C	Services 4	84	0.02	
5	C	Services 5	80	0.02	
6	D	Services 6	275.4	0.07	
7	E	Services 7	1612	0.44	
Total			2847.85	0.734	

COMMUNITY SITES					
S.No	Block	Description	Area (Sq.m)	Area (Acres)	Total Area
1	A	Primary School	0.8	0.19	
2	A	Nursery School 1	0.2	0.05	
3	A	Nursery School 2	0.2	0.05	
4	A	Play Stand	0.5	0.12	
5	A	M/B/VB	0.5 x 5.0m	27.50	
Total			2.2	0.46	

TOTAL UD AREA					
S.No	Block	Description	Area (Sq.m)	Area (Acres)	Total Area
1	B	UD-1	1885.64	0.43	
2	B	UD-1A	1855.56	0.42	
3	B	UD-2	284.61	0.07	
4	B	UD-2A	882.04	0.24	
5	B	UD-3	262.4	0.08	
6	B	UD-4	878.2	0.11	
7	B	UD-4A	39.8	0.10	
8	B	UD-5	1756.88	0.43	
9	B	UD-6	1512.1	0.33	
10	B	UD-6A	34.2	0.09	
11	B	UD-6A	162.43	0.14	
12	B	UD-6A	962.43	0.21	
13	B	UD-6A	162.43	0.14	
14	A	Services 1-7	2847.85	0.734	
15	A	Community Sites	2.2	0.46	
Total			11497.31	2.63	



S.No	DESCRIPTION	SYMBOL
1	SEWER PIPE	---
2	CIRCULAR SEWER MANHOLE	o
3	VENT SHAFT	o
4	RAIN ROAD LEVEL	---
5	WARRANT LEVEL	---
6	CONNECTION LEVEL	---

AREA DETAIL			
S.No	Description	Area (Sq.m)	Area (Acres)
1	Land Area	11497.31	2.63
2	Water Body	0	0
3	Green Area	0	0
4	Hard Pavement	0	0
5	Soft Pavement	0	0
6	Gravel	0	0
7	Soil	0	0
8	Water	0	0
9	Other	0	0
10	Total	11497.31	2.63

LAYOUT PLAN			
S.No	Description	Area (Sq.m)	Area (Acres)
1	Group Housing	8223	1.88
2	Commercial	1800	0.41
3	Community Facilities	2.2	0.46
4	Services	2847.85	0.734
5	Land Area	11497.31	2.63

LEGEND			
---	LICENSE BOUNDARY		
---	COMMERCIAL		
---	COMMUNITY FACILITIES		
---	UD PARCELS		
---	GROUP HOUSING		

PROJECT INFORMATION

PROPOSED 71.2825 ACRES INTEGRATED RESIDENTIAL PLOTTED DEVELOPMENT PROJECT UNDER MPDP POLICY - 2022 UNDER MIGRATION POLICY FROM LICENSE NUMBERS 28 OF 2010, 55 OF 2013 & 74 OF 2013

CLIENTS: IFPL, TRIDENT

MBP Consultants: P.K. Kaith Consultants ENGINEERING-ENVIRONMENT-ISO P-67, Green Park Road, New Delhi-110 016, INDIA. Tel: 311-4161888, 4354477. Email: pkaithconsultants@gmail.com

Checked subject to Comments in forwarding letter No. 0485 Dt. 10/11/2023 and notes attached with the plan.

DESIGNER: P.K. Kaith Consultants (Pvt.) Ltd., Gurgaon, Haryana.

SCALE: As per drawing.

DATE: 10/11/2023

DESIGNED BY: N.R. Prasad (Executive Engineer, PWD, Panchkula)

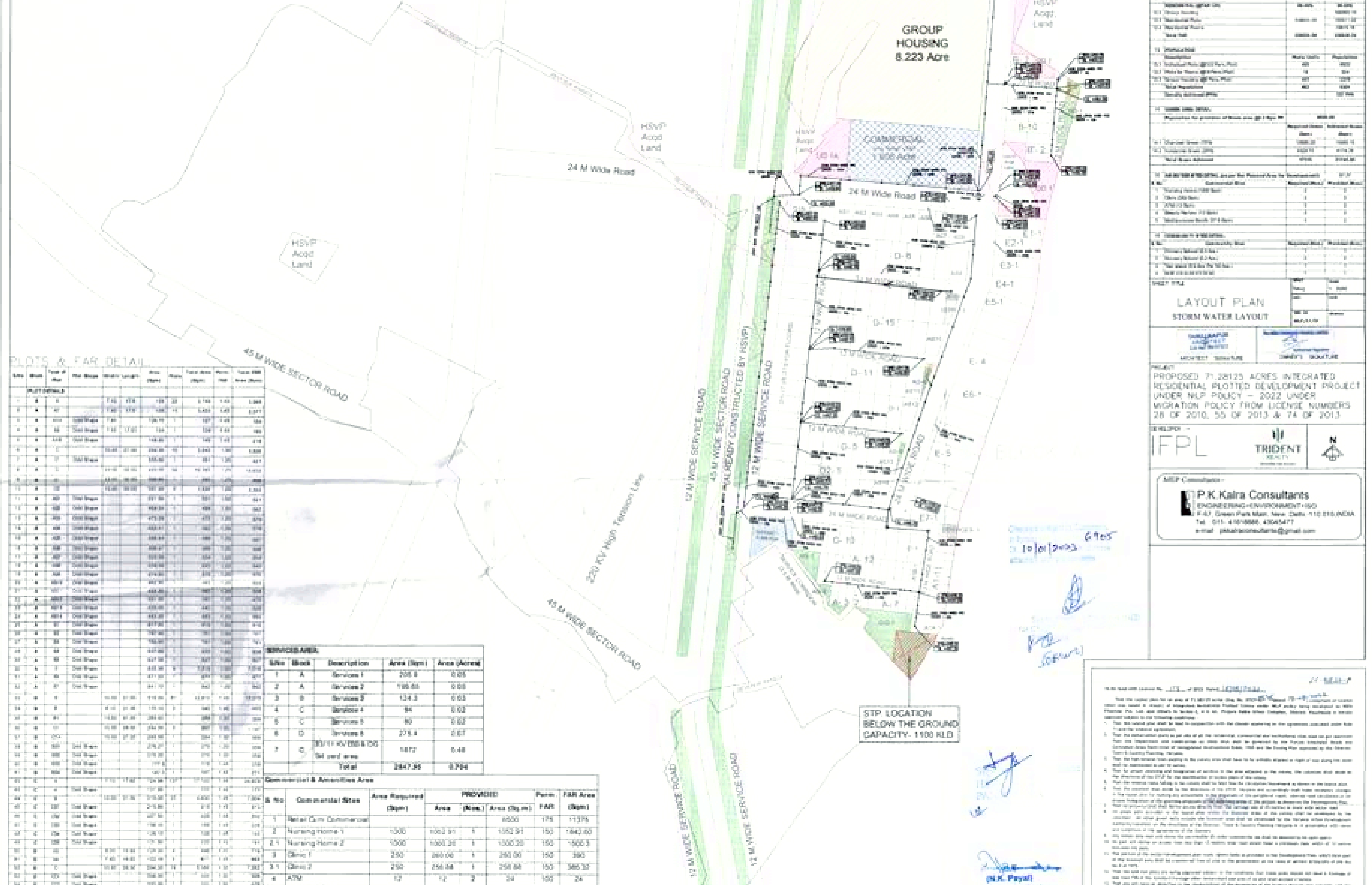
CHECKED BY: P.K. Kaith (Senior Engineer, PWD, Panchkula)

APPROVED BY: P.K. Kaith (Senior Engineer, PWD, Panchkula)

BLOCK AREA DETAIL				
S.No	Block	Green Fields	Area (Sq.m)	Area (Acres)
1	Block 1	2021	2071.22	2.64
2	Block 2	2021	1244.95	2.64
3	Block 3	2021	2628.96	2.64
4	Block 4	2021	2742.79	2.64
5	Block 5	2021	1807.52	2.64
6	Block 6	2021	1628.25	2.64
Total Green Fields			10884.74	2.64

PLOTS & FAR DETAIL				
S.No	Plot No	Plot Area (Sq.m)	Plot Area (Acres)	FAR
1	1	140	0.03	2.00
2	2	140	0.03	2.00
3	3	140	0.03	2.00
4	4	140	0.03	2.00
5	5	140	0.03	2.00
6	6	140	0.03	2.00
7	7	140	0.03	2.00
8	8	140	0.03	2.00
9	9	140	0.03	2.00
10	10	140	0.03	2.00
11	11	140	0.03	2.00
12	12	140	0.03	2.00
13	13	140	0.03	2.00
14	14	140	0.03	2.00
15	15	140	0.03	2.00
16	16	140	0.03	2.00
17	17	140	0.03	2.00
18	18	140	0.03	2.00
19	19	140	0.03	2.00
20	20	140	0.03	2.00
21	21	140	0.03	2.00
22	22	140	0.03	2.00
23	23	140	0.03	2.00
24	24	140	0.03	2.00
25	25	140	0.03	2.00
26	26	140	0.03	2.00
27	27	140	0.03	2.00
28	28	140	0.03	2.00
29	29	140	0.03	2.00
30	30	140	0.03	2.00
31	31	140	0.03	2.00
32	32	140	0.03	2.00
33	33	140	0.03	2.00
34	34	140	0.03	2.00
35	35	140	0.03	2.00
36	36	140	0.03	2.00
37	37	140	0.03	2.00
38	38	140	0.03	2.00
39	39	140	0.03	2.00
40	40	140	0.03	2.00

LEGEND FOR STORM WATER SYSTEM		
S.No	DESCRIPTION	SYMBOL
1	CIRCULAR STORM WATER MANHOLE	●
2	RAIN WATER HARVESTING	RWH
3	FINISH ROAD LEVEL	PRL
4	INVERT LEVEL	L
5	CONNECTION LEVEL	CL
6	STORM WATER LINE	---



AREA DETAIL		
S.No	Description	Area (Sq.m)
1	Plot Area	140000
2	Plot Area	140000
3	Plot Area	140000
4	Plot Area	140000
5	Plot Area	140000
6	Plot Area	140000
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35	Plot Area	140000
36	Plot Area	140000
37	Plot Area	140000
38	Plot Area	140000
39	Plot Area	140000
40	Plot Area	140000

COMMERCIAL & RESIDENTIAL AREA			
S.No	Description	Area (Sq.m)	Area (Acres)
1	Services 1	205.4	0.05
2	Services 2	196.85	0.05
3	Services 3	134.3	0.03
4	Services 4	54	0.02
5	Services 5	50	0.02
6	Services 6	275.4	0.07
7	Services 7	1872	0.48
Total		3847.95	0.994

COMMERCIAL & RESIDENTIAL AREA				
S.No	Description	Area Required (Sq.m)	PROVIDED Area (Sq.m)	Perms FAR Area (Sq.m)
1	Netal C/m Commercial		6500	178
2	Nursing Home 1	1000	1052.91	150
2.1	Nursing Home 2	1000	1052.91	150
3	Club 1	250	260.00	140
3.1	Club 2	250	260.00	140
4	Club 3	12	12	24
5	Beauty Parlour	12	12	24
6	Multipurpose Room	5 x 5.5m	27.5	55
Total Area			8172.98	1888.22
Total Area (in Acre)			2.27	

COMMUNITY SITES					
S.No	Description	Area (Acres)	Area (Sq.m)	Total Area (Sq.m)	Area (Acres)
1	Primary School	0.5	2192.00	2192.00	0.54
2	Nursery School 1	0.2	948.48	948.48	0.23
2.1	Nursery School 2	0.2	847.08	847.08	0.21
3	Taxi Stand	0.5	2023.50	2023.50	0.50
4	M.S.V.II	5 x 5.5m	27.50	27.50	

UD AREA DETAIL			
S.No	Description	Area (Sq.m)	Area (Acres)
1	UD-1	1885.54	0.42
2	UD-1A	1850.39	0.40
3	UD-2	269.51	0.07
4	UD-2A	882.05	0.24
5	UD-3	252.4	0.06
6	UD-4	874.2	0.17
7	UD-4A	391.5	0.10
8	UD-5	1758.58	0.43
9	UD-6	1312.1	0.30
10	UD-6A	862.45	0.14
Total UD Area		8951.17	2.381

LEGEND		
[Symbol]	LICENSE BOUNDARY	
[Symbol]	COMMERCIAL	
[Symbol]	COMMUNITY FACILITIES	
[Symbol]	UD PARCELS	
[Symbol]	GROUP HOUSING	

Handwritten notes and signatures:
 10/10/2023
 P.K. Purohit
 Executive Engineer
 RWA, Panichola

PROPOSED 71.28125 ACRES INTEGRATED RESIDENTIAL PLOTTED DEVELOPMENT PROJECT UNDER NLP POLICY - 2022 UNDER MIGRATION POLICY FROM LICENSE NUMBERS 28 OF 2010, 55 OF 2013 & 74 OF 2013

DEVELOPED BY: **IFPL**

CONTRACTOR: **P.K. Kaira Consultants**
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