



To

Date:-09.05.2019

The Executive Engineer,  
HSVP, Division No.- 6  
Gurugram

**Subject:- Approval of the Service Plan Estimate of the Affordable Group Housing Colony on the land measuring 5.00 Acres in Sector- 76, Village: Kherki Daula, Gurugram being developed by Pyramid Infratech Pvt. Ltd.**

Dear Sir,

With reference to the above mentioned subject, we hereby submitting Six sets of the service plan estimate for your consideration please.

Kindly do the needful and oblige.

Thanking you,

Yours truly,

For Pyramid Infratech Pvt. Ltd.  
For Pyramid Infratech Pvt. Ltd.

Authorised Signatory

Authorized Signatory

Cc:- Director, Town & Country Planning, Haryana, Chandigarh

*Rajesh*  
09-05-2019 3:29 PM  
Received  
O/o XEN-VI,  
HSVP, Gurugram

**PYRAMID INFRATECH PVT. LTD.**

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CIN : U45400HR2008PTC038509 PAN : AAACP8801B

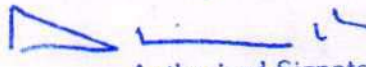
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**SERVICE ESTIMATE, DESIGN REPORT AND  
CALCULATION OF  
INTERNAL DEVELOPMENT WORKS**

**FOR**

**PROPOSED “AFFORDABLE GROUP HOUSING COLONY AREA  
MEASURING 5.00 ACRES (LICENSE NO. 26 OF 2019 DATED  
25.02.2019) IN SECTOR – 76, GURUGRAM – MANESAR  
URBAN COMPLEX BEING DEVELOPED BY SMT. MANESH  
YADAV W/O SH. RAVI YADAV AND OTHERS IN  
COLLABORATION WITH M/S PYRAMID INFRATECH PVT.  
LTD.**

For Pyramid Infratech Pvt. Ltd.

  
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**SERVICE ESTIMATE, DESIGN REPORT AND CALCULATIONS OF INTERNAL DEVELOPMENT WORKS FOR PROPOSED “AFFORDABLE GROUP HOUSING COLONY” AREA MEASURING 5.00 ACRES (LICENSE No. 26 of 2019 Dated 25.02.2019) IN SECTOR – 76, GURUGRAM – MANESAR URBAN COMPLEX BEING DEVELOPED BY SMT. MANESH YADAV W/O SH. RAVI YADAV AND OTHERS IN COLLABORATION WITH M/S PYRAMID INFRATECH PVT. LTD.**

Gurugram town of Haryana State situated on N.H. -8 road at a distance of 35 Km from Delhi. Being in the national capital region, the town has fast developing tendency and potential. Further, it has also started sharing the growing residential, commercial and Industrial load of Delhi. In order to review the growing pressure of population in National Capital of Delhi, It has been decided by the Haryana Government to develop various infrastructure facilities in Gurugram Manesar Urban Complex. This report is for a part of service estimate for proposed “Affordable Group Housing Colony” measuring 5.00 acres (License No. 26 of 2019 dated 25.02.2019) in Sector – 76, Gurugram – Manesar urban complex being developed by Smt. Manesh Yadav W/o Sh. Ravi Yadav and others in collaboration with M/s Pyramid Infratech Pvt. Ltd. has been prepared with the following provisions which are as under :-

**1. WATER SUPPLY**

The source of water supply in this area is by HSVP Mains. It has been proposed to construct underground tanks of capacity as per attached details and to location for domestic purpose and for fire protection. The underground tanks will be fed from the HSVP based supply, which will feed O.H. tanks on the roof of the Building and has been designed as per the Hazen Williams formula. Presently there is proposed / under execution HSVP W/S in this area. However the provision of tube well have been taken due to non availability of water but after getting the approval from the competent authority through tube wells / tankers / any other approved source till HSVP W/S will made available. The proposed tube wells shall be 510mm bore drilled with reverse rotary rig and installed with 80mm i/d housing pipe and 50mm i/d slotted tube as strainer, hence the provision of 1 No. Tube Wells has been taken in this estimate.

**DESIGN**

The scheme has been designed for population of 3610 persons considering @ 5 persons / units for Affordable Group Housing and other provision etc. The combined quantum of water supply (domestic + flushing) per head / day has been taken as 172.50 Liters per head per day as per design calculation.

**PUMPING EQUIPMENTS**

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

**2. SEWERAGE**

The scheme is designed for sewer connecting to the STP and bypass connection to HSVP sewer scheme. The sewer lines have designed for three times average D.W.F in relation to water supply demand. It has assumed that about 80% of the domestic and flushing water supply shall find its way into the proposed

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sewer. Sewer lines shall be running by gravity and discharge to STP proposed. Treated water will be used for Irrigation & Flushing purpose (through recycling) under the pipe line system.

### 3. STORM WATER DRAINAGE

It has been proposed to lay R.C.C pipes with required number of manholes for disposal of storm water, which will be connected to the HSVP drain. The intensity of rain fall has been taken as 6.00mm per hour. A minimum size of 400mm i/d R.C.C pipe for storm water drain will be provided and designed as per Manning's formula. Necessary provision of rainwater harvesting arrangement has also been taken in this estimate.

### 4. ROADS

Road, Parking and Pavement have been provided to above areas and estimate is prepared as revised specifications adopted by HSVP.

### 5. STREET LIGHTING AND ELECTRIFICATION :-

Provision for external lighting and electrification of proposed area has been made.

### 6. HORTICULTURE :-

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

### 7. FIRE FIGHTING :-

Provision of Fire Fighting system has been made.

8. Provision for construction of ESS / Electric Shed has been taken in this estimate.

### 9. SPECIFICATIONS

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

### 10. RATES

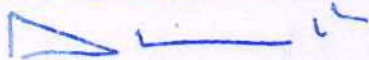
The estimate has been based on the present market rates.

### 11. COST

The total cost of the scheme including cost of all services works out to Rs. 325.56 Lacs (Rupees Three Crores Twenty Five Lacs Fifty Six Thousand only) including 3% contingencies and 49% departmental charges + Price escalation and cost per acre comes out to Rs. 65.11 Lacs.

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**1. DESIGN CALCULATION :-**

Total Area of plot (commercial)	= 5.00 Acres or 20234.25 Sqm
Permissible Ground Coverage 50%	= 10117.125 Sqm
Proposed Ground Floor	= 10117.125 Sqm
Permissible F.A.R. @ 2.25%	= 43705.98 Sqm
Proposed F.A.R Achieved	= 43615.769 Sqm
Proposed area of commercial	= 1409.752 Sqm
Community Building	= 200.441 Sqm
Anganwari	= 193.303 Sqm

**2. Detail of Units**

No. of Units	No. of Floors	No. of Block	Unit / Block	Total Unit	Density
Tower -1	G + 14	1	118	118	590
Tower -2	G + 14	1	118	118	590
Tower -3	G + 14	1	118	118	590
Tower – 4	G + 14	1	118	118	590
Tower – 5	G + 14	1	118	118	590
Tower -6	G + 14	1	118	118	590
Tower – 7	G + 1	1	14	14	70
<b>Total Density</b>				<b>722</b>	<b>3610</b>

**3. Water Requirement :-**

Total Population	= 3610 Persons
@ 172.50 LPCD	= 622725.00 LPD
Commercial & Community Buildings :-	
• Commercial	= 1409.752 Sqm
@ 3 Sqm / person = 470 Persons @ 45 LPCD	= 21150.00 LPD
• Community Building (Area 200.440 Sqm)L.S	= 5000.00 LPD
• Anganwari (Area 193.303 Sqm) L.s	= 5000.00 LPD
<b>Total</b>	<b>= 653875.00 LPD Or 654 KLD</b>
	<b>Say 700 KLD</b>

**II. FIRE DEMAND**

(i) Population	= 3610 Persons
(p) $\frac{1}{2} \times 100/1000 = (3.61) \frac{1}{2} \times 100$	= 190.00 KLD Say 200 KLD

**III. Garden Irrigation Requirement (For Total Area) = 60.00 KLD****IV. Total Water Requirement for UGT**

(Excluding Fire Demand)

Hence Domestic Water Requirement (67%) = 700 x 67% = 469.00 KLD

Hence Flushing Water Requirement (33%) = 700 x 33% = 231.00 KLD

Half Day Requirement = 250 K.L. for Domestic

= 125 K.L. for Flushing

But it is proposed to construct an underground tank i.e. 250 K.L. in two compartment for domestic use and 125 K.L. for non potable water in two compartment (at STP) and 200 K.L. for fire fighting purposes for UGT in two compartment in each UGT as shown location in the plan.

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Total Capacity of UGT = 250 + 200 = 450.00 KLD

Total Requirement for Flushing and Irrigation at STP = 125+60 = 185.00 KLD

**VI. Tube Well For UGT**

a) Yield	= 15 K.L. / Hr.
b) Working Hour per day	= 16 Hr. / Per Day
c) Total water demand	= 469 M3/Day
d) Number of tube well required (Water Demand / Discharge / Hr. working Per day)	= 1.95 Nos
e) Add 5% extra	= 0.10
Total	= 2.05 Nos
Say	= 2 Nos

(Water to the proposed development is to be supplied by HSVP. However consider 50% T.W.'s it is proposed to install only one no tube well for augmentation / standby purposes and provision has also been taken in the estimates due to non availability of water but after getting the approval from the competent authority.

**I) Pumping Machinery for Tube wells**

a) Gross Working Head	= 80 Mtr
b) Average fall in S.L	= 2 Mtr
c) Depression Head	= 6 Mtr
d) Friction loss in main	= 10 Mtr
Total	= 98 Mtr
e) Discharge	= 15000 LPH (Or 4.17 LPS Say 4.5 LPS)
f) Horse Power	= 9.80 H.P.
HP = (4.50 x 98) / (75 x 0.65)	
Say	= 10.00 H.P.

It is proposed to provide 1 No. pumping set of 5 LPS discharge at 98 Mtr head (1W)

**II) Boosting Machinery for domestic water For UGT**

<b>Total Water Requirement</b>	<b>= 469.00 KLD</b>
Pumping per hour @ 8 hr. pumping / day=	469 / 8 KL / hr.
	= 58.625 KL / hr.
	= 977.08 lpm = 16.28 lps
	Say 2 No. 8.50 lps each
Gross working head	For UGT
- Suction lift	= 5.00 mts.
- Frictional loss in mains & specials	= 5.00 mts.
- Clear Head required	= 65.00 mts.
Total	= 75.00 mts.
Say	= 75.00 mts.
Pump HP	= (8.50x75)/(75x0.60)
	= 14.16 H.P.
Say	= 15.00 HP

It is proposed to provide 3 No. of pumping set of 8.50 lps discharge at 75 mts Head each (2W + 1S) for UGT

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**III) Boosting Machinery for flushing water at STP**

<b>Total Water Requirement</b>	= 231 K.L.D
Pumping per hour @ 8 hr. pumping / day	= 231 / 8 KL / hr. = 28.875 KL / hr. = 481.25 lpm = 8.02 lps, Say 2 No. 4.10 lps each
Gross working head	
- Suction lift	= 5.00 mts.
- Frictional loss in mains & specials	= 5.00 mts.
- Clear Head required	= 65.00 mts.
Total	= 75.00 mts.
Say	= 75.00 mts.
Pump HP	= (4.10 x 75) / (75 x 0.60) = 6.83 HP Say = 7.50 HP

It is proposed to provide 3 No. of pumping set of 1.00 lps discharge at 75 mts Head each (2W + 1S)

**IV) Boosting Machinery for Irrigation water**

<b>Total Water Requirement</b>	= 60 KLD
Pumping per hour @ 5 hr. pumping / day	= 60 / 5 KL / hr. = 12.00 KL / hr. = 200.00 lpm = 3.33 lps Say = 5.00 LPS
Gross working head	
- Suction lift	= 3.00 mts.
- Frictional loss in mains & specials	= 3.00 mts.
- Clear Head required	= 15.00 mts.
Total	= 21.00 mts.
Say	= 21.00 mts.
Pump HP	= (5.00 x 21) / (75 x 0.60) = 2.33 HP Say = 3.00 HP

It is proposed to provide 2 No. of pumping set of 5.00 lps discharge at 21 mts Head each (1W + 1S)

**V) Boosting Machinery for Fire water**

<b>Total Water Requirement</b>	
Hydrant pump as per CFO Directive	= 2280 LPM, 95M Head and 80 H.P = 1 Nos
Jockey pump (Hydrant) as per NBC table No. 23	= 180 LPM, 95 M Head and 7.50 H.P = 1 Nos

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Diesel pump as per CFO Directive	= 2280 LPM, 95 M Head and 80 H.P = 1 Nos
Gross working head	
- Suction lift	= 5.00 mts.
- Frictional loss in mains & specials	= 5.00 mts.
- Clear Head required	= 85.00 mts.
Total	= 95.00 mts.
Jockey Pump HP (Fire)	= $(3 \times 95) / (75 \times 0.60)$
	= 6.33 HP
Say	= 7.50 HP (1W)

#### VI) DG Set for plumbing

##### DG Set Requirement

Submersible Pump (1 x 10)	= 10 HP
Domestic Pump (2 x 15)	= 30 HP
Flushing Pump (2 x 7.50)	= 15 HP
Street Light and other etc.	= 4 HP
Fire Jockey pump	= 7.5 HP
<b>Total pump load</b>	<b>= 66.50 HP</b>
	= $66.50 \times 0.746 \times 1.50$
	= 74.41 K.W
<b>Total DG capacity</b>	<b>= 1 No. 75 KVA</b>

Hence it is proposed to provide 1 No. D.G. Set of 75 KVA capacity

#### FLOW TO SEWAGE TREATMENT PLANT

Total Water Requirement = 469 KLD for domestic & 231 KLD for flushing

i) 80% of total Domestic Water Demand = 80% of 469 KLD	= 375.20 KLD
ii) <del>80</del> 85% of total Flushing Water Demand = 80% of 231 KLD	= <u>184.80 KLD</u>
<b>Total</b>	<b>= 560.00 KLD</b>

Considering 5% marginal factor

**G. Total = 588.00 KLD**

Say 590 KLD

**Proposed STP Capacity = 590 KLD Or 0.59 MLD**

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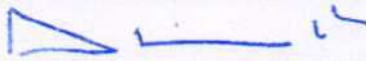
## FINAL ABSTRACT OF COST

SR. NO.	SUB WORK	DESCRIPTION	AMOUNT (Rs. In Lacs)
1	SUB WORK NO. I	WATER SUPPLY SCHEME	115.16
2	SUB WORK NO. II	SEWERAGE SCHEME	89.93
3	SUB WORK NO. III	STORM WATER DRAINAGE	33.72
4	SUB WORK NO. IV	ROAD AND FOOTPATH	38.97
5	SUB WORK NO. V	STREET LIGHTING	6.90
6	SUB WORK NO. VI	HORTICULTURE (PLANTATION & ROAD SIDE TREES)	4.88
7	SUB WORK NO. VII	MTC. OF SERVICES & RESURFACING OF ROADS (After 1st 5 years of 1st Phase & Next 5 years in 2nd Phase)	36.00
		TOTAL	325.56
TOTAL : (Rupees Three Crore Twenty Five Lacs Fifty Six Thousand only)			

Cost Per Acre = Rs.325.56 Lacs / 5.00 = Rs. 65.11 Lacs Per Acre

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For Pyramid Infratech Pvt. Ltd.



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## SUB WORK NO. 1 (Abstract of cost)

## WATER SUPPLY SCHEME

SR. NO.	SUB WORK	DESCRIPTION	AMOUNT (Rs. In Lacs)
1	Sub Head No. 01	Head Works	23.80
2	Sub Head No. 02	Pumping Machinery	20.15
3	Sub Head No. 03	Water Supply Distribution & Rising main pipe	16.38
4	Sub Head No. 04	External Fire Hydrants	11.50
6	Sub Head No. 05	Irrigation	3.21
		<b>TOTAL</b>	<b>75.04</b>
		Add 3% contingency & P.H. Services	2.25
		<b>Total</b>	<b>77.29</b>
		Add 49% Department charges + Price Escalation	37.87
		<b>G. Total</b>	<b>115.16</b>
		<b>Say in Lacs</b>	<b>115.16</b>

(C.O. to Final Abstract Of Cost)

For Pyramid Infratech Pvt. Ltd.



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SUB WORK NO. I

Sub Head No. 01

WATER SUPPLY

Head Works

Sr. NO.	Description	Amount in Rs.
1	Construction of U.G. tanks and Fire Tank Including pipes, valve & Specials. 450 KLD @ Rs. 3000/- per K.L.D	1350000
2	Provision for construction of Boosting Station 1 Nos @ Rs. 300000/- each	300000.00
3	Boring and installing tube well reverse rotary rig complete with pipes and strainer to a depth of about 120 Mtr complete in all respect. 1 Nos @ Rs. 500000/- each	500000.00
4	Provision for construction of tube well chamber size 1.50m x 1.50m complete in all respect. 1 Nos @ Rs. 80000/- each	80000.00
5	Provision for ESS/Electric Panel L.S.	50000.00
6	Provision for carriage of material and unforeseen items L.S.	50000.00
7	Provision of specials for tube well & rising main to UGT L.S.	50000.00
	<b>Total</b>	<b>2380000.00</b>
	<b>Say</b>	<b>23.80</b>

(C.O. to Abstract of cost of Sub Work No. I)

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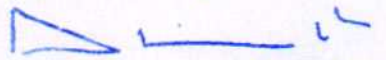
SUB WORK NO. 1  
Sub Head No. 02

WATER SUPPLY  
Pumping Machinery

Sr. NO.	Description	Amount in Rs.
1	Providing and installing Hydro pneumatic pumping set of following capacities for domestic water Supply with specials	
	8.50 lps at 75 mts head - 3 No. (2W+1SB) - @ Rs. 90,000/- each Set (15.00HP)	270000.00
2	Providing and installing Hydro Pneumatic pumping set of following capacities for Flushing water supply	
	4.10 lps at 75 mts head - 3 No. (2W+1SB) @ Rs. 50,000/- 1 Set (7.5 HP each)	165000.00
3	Providing and installing Submersible pump for tube wells with specials	
	4.90 lps at 98 mts head - 1 Nos (1W) @ Rs. 80,000/- 1 Set (10HP each)	80000.00
4	Providing and installing pumping sets of following capacities for Fire Protection etc. with foundation complete	
	- 180 lpm at 95 M head 1 No. @ Rs. 80,000/- (7.50 HP each)	80000.00
	- 2280 lpm at 95 M head 1 No. @ Rs. 3,50,000/- (80 HP each) (Hydrant )	350000.00
	- 2280 lpm at 95 M head 1 No. @ Rs. 4,50,000/- (80 HP) (Diesel Engine)	450000.00
5	Provision for D.G. Set for stand by arrangement for all machinery = 1 No. 75 KVA @ Rs. 2,50,000/- each	250000.00
6	Provision for making foundations & erection of pumping machinery	50000.00
7	Provision for pipes, valve & specials inside boosting chamber	150000.00
8	Provision for electric services connection including electric fittings for boosting chambers and pump chamber etc.	120000.00
9	Provision for carriage of materials and other unforeseen items L.S.	50000.00
	<b>Total</b>	<b>2015000.00</b>
	<b>Say</b>	<b>20.15</b>

(C.O. to Abstract of cost of Sub Work No. I)

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SUB WORK NO. 1  
Sub Head No. 03

WATER SUPPLY  
Water Supply Distribution & Rising Main Pipe

Sr. NO.	Description	Amount in Rs.
1	Providing, laying, jointing & testing pipe lines including cost of excavation etc. complete in all respects	
i)	100mm dia D.I. Pipe 927 Mtr @ Rs. 500/- Per Mtr	463500.00
ii)	150mm i/d D.I. Pipes - 887 Mtr @ Rs. 800/- Per Mtr	709600.00
iii)	200mm i/d D.I. Pipes 10 Mtr @ Rs. 1100/- per mtr	11000.00
2	Providing and fixing sluice valve including cost of surface box and masonry chamber etc. complete in all respect	
a)	100mm i/d 16 No. @ Rs. 7500/- each	120000.00
b)	150mm i/d 12 No. @ Rs. 10000/- each	120000.00
c)	200mm i/d 1 No. @ Rs. 15000/- each	15000.00
3	Providing and fixing indicating plates for sluice valve 29 No. @ Rs. 1000/-	29000.00
4	Provision for carriage of materials and other unforeseen items	20000.00
5	Provision for making connection with <del>HSDF</del> Pipe & T.W's etc.	100000.00
6	Provision for cutting the road and making good the same	50000.00
	<b>Total</b>	<b>1638100.00</b>
	<b>Say</b>	<b>16.38</b>

(C.O. to Abstract of cost of Sub Work No. I)

For Pyramid Infratech Pvt. Ltd.



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SUB WORK NO. 01

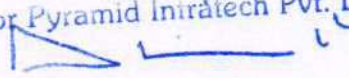
WATER SUPPLY

SUB HEAD NO. 04

EXTERNAL FIRE HYDRANTS

Sr. NO.	Description	Amount in Rs.
1	Providing, Laying, jointing and testing Heavy Class M.S. Pipes for fire rising main including cost of fittings, valves, connection etc. complete in all respect	
a)	100mm dia - 192 M @ Rs. 600/- Per Mtr	115200.00
b)	150mm dia - 812 M @ Rs. 900/- Per Mtr	730800.00
2	Providing and fixing fire Hydrant with accessories 24 No. @ Rs. 7500/- each	180000.00
3	Provision for Security Services for Fire Arrangement L.S.	50000.00
4	Providing and fixing indicating plate -24 No. @ Rs. 1000/- each	24000.00
6	Provision for carriage of material L.S.	50000.00
	<b>Total</b>	<b>1150000.00</b>
	<b>Say</b>	<b>11.50</b>

(C.O. to Abstract of cost of Sub Work No. I)

For Pyramid Infratech Pvt. Ltd.  
  
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SUB WORK NO. 01

WATER SUPPLY

SUB HEAD NO. 05

IRRIGATION

Sr. NO.	Description	Amount in Rs.
1	Providing, Laying, jointing and testing UPVC pipe lines suitable for 6 kg pressure including cost of fittings, valves, connection etc. complete in all respect	
a)	25mm dia - 320 M @ Rs. 300/- Per Mtr	96000.00
2	Providing and fixing 25mm dia, Irrigation hydrant valve complete in all respect 40 Nos @ Rs. 3000/- each	120000.00
3	Provision for carriage of materials and other unforeseen items L.S.	50000.00
4	Provision for indicating plate with safety box etc. complet in all respect	25000.00
6	Provision for road cutting and making it condition as original L.S.	30000.00
	<b>Total</b>	<b>321000</b>
	<b>Say</b>	<b>3.21</b>

(C.O. to Abstract of cost of Sub Work No. I)

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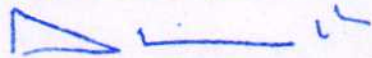
## SUB WORK NO. II

## SEWERAGE SCHEME

Sr. NO.	Description	Amount in Rs.
1	Providing, jointing, cutting and testing stoneware pipe grade A and lowering into trenches including cost of excavation, bed concrete, cost of manholes etc. complete	
	a) SW Pipe 200mm i/d avg. depths 0 - 2.00M 60 M @ Rs. 1200/- per Mtr	72000.00
	b) SW Pipe 250mm i/d avg depth 2.00 M 355 M @ Rs. 1300/- per Mtr	461500.00
	c) SW Pipe 300mm i/d avg depth 2.75 M 201 M @ Rs. 1500/- per Mtr	301500.00
2	Providing, laying, jointing & testing pipe lines including cost of excavation etc. complete in all respect - 200mm dia Heavy Class DI pipes (overflow for STP)	
	a) 200MM i/d D.I. Pipe - 250 M @ Rs. 1700/- Per Mtr	425000.00
3	Provision of lighting and watching etc.	30000.00
4	Provision for cartage of material	20000.00
5	Provision for making connection with HSVP	50000.00
1	Provision for construction of Sewerage Treatment Plant (STP) including the cost of tertiary treatment level with recycling storage tank and machinery with all arrangement etc. complete in all respect. 590 KLD or (0.59 MLD) Capacity L.S.	4500000.00
		<b>5860000.00</b>
	Add 3% contingency & P.H. Services	175800
	<b>Total</b>	<b>6035800</b>
	Add 49% Department charges + Price Escalation	2957542
	<b>G. Total</b>	<b>8993342</b>
	<b>Say</b>	<b>89.93</b>

(C.O. to Final Abstract of Cost )

For Pyramid Infratech Pvt. Ltd.



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## SUB WORK NO. III

## STORM WATER DRAINAGE SCHEME

Sr. NO.	Description	Amount in Rs.
1	Providing, lowering, laying, jointing RCC pipe class Np3 with cement joint, a) RCC Np3 pipe 400mm i/d = 728M @ Rs. 1500/- Per Mtr	1092000.00
2	Provision for Rain Water Harvesting arrangement including the cost of screening chamber and pit with all type of pipes and other material etc. complete in all respect as per standard drawing and bore upto requirement of site etc. 5 Nos RWH @ Rs. 1,50,000/- each	750000.00
2	Provision for road gulley & pipe with connection	200000.00
3	Provision for lighting and watching	20000.00
4	Provision for timbering and shoring	20000.00
5	Provision for cartage of material	15000.00
6	Provision for making connection with HUDA storm water drain	100000.00
	<b>Total</b>	<b>2197000.00</b>
	Add 3% contingency & P.H. Services	65910.00
	<b>Total</b>	<b>2262910.00</b>
	Add 49% Department charges + Price Escalation	1108825.90
	<b>G. Total</b>	<b>3371735.90</b>
	<b>Say</b>	<b>33.72</b>

(C.O. to Final Abstract of Cost )

For Pyramid Infracore Pvt. Ltd.



Authorised Signatory


## Sub Work No. IV

## ROAD AND FOOTPATH

S. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Provision for leveling & earth filling as per site conditions	Per Acre	5	40000	200000.00
2	i) Providing and laying 100mm thick PCC under pavement, cement concrete of specified grade 1:4:8 and 150mm thick RMC grade M-40 OR ii) Providing and laying Bituminous road (250mm GSB, 300mm WMM, 50mm DBM, 40mm BC).	Sqm	6153	200	1230600.00
3	Provision for kerbs & channels of C.C. 1.2:4	Metre	960	300	288000.00
4	Provision for arrangement of guide map and indicating board etc.	LS			50000.00
5	Provision for parking arrangement with 100mm thick PCC under pavement cement concrete of specified grade 1:4:8 and 150mm thick RMC Grade M-40 or Bituminous road with 250mm GSB, 300mm WMM, 50mm thick DBM & 40mm thick BC etc. as per requirement of site for surface car parking and approach to Tower / Block etc. complete in all respect	Sqm	5775	130	750750.00
5	Provision for carriage of material	LS			20000.00
	<b>Sub Total</b>				<b>2539350.00</b>
	Add 3% contingencies & PH Services				76180.50
	<b>Sub Total</b>				<b>2615530.50</b>
	Add 49% Departmental Charges + Price Escalation				1281609.95
	<b>Total</b>				<b>3897140.45</b>
	<b>Say Rs. In Lacs</b>				<b>38.97</b>

(C.O. to Final Abstract of cost )

For Pyramid Infratech Pvt. Ltd.



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Sub Work No. V

## STREET LIGHTING

18

S. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Provision for Street Lighting at surrounding area as per standard specifications of HVPN etc. complete	Acre	5	90000	450000
	Add 3% contingencies & PH Services				13500
	<b>Total</b>				<b>463500</b>
	Add 49% Departmental Charges + Price Escalation				227115
	<b>Total</b>				<b>690615</b>
	Say Rs. In Lacs				6.90

(C.O. to Final Abstract of cost )

For Pyramid Infratech Pvt. Ltd.



Authorised Signatory

Sub Work No. VI

HORTICULTURE

19

S. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Development of Lawn Areas				
a.	Trenching of ordinary soil upto depth of 60 cm i/c removal & stacking of serviceable material & disposing by spreading and levelling within a lead of 50 M and making up the trench area for proper levels by filling with earth or earth mixed with manure before and after flooding trench with water i/c cost of imported earth and manure with all fitting and valve etc. complete				
b.	Rough dressing of turfed area				
c.	Grassing with "Cynadon dactylon" i/c watering and maintenance of lawns for 30 days till the grass forms a thick lawn, free from weeds and fit for moving in row 7.5 cm part in either direction				
d.	organized green 4055.178 Sqm Or 1.01 Acres (As per detail given in green park area calculation)	Acre	1.01	200000	202000.00
2	Providing and planting trees along boundary @ 6 m interval (Length appx 960M) = 960/6 = 160 Nos Say No. of trees = 160 Nos Cost details : Excavation = Rs. 73 Manure = Rs. 100 Tree Plant = Rs. 550 Total Rs. = Rs. 723				
		Each	160	723	115680.00
	<b>Total</b>				<b>317680.00</b>
	Add 3% contingencies & PH Services				9530.40
	<b>Total</b>				<b>327210.40</b>
	Add 49% Departmental Charges + Price Escalation				160333.10
	<b>Total</b>				<b>487543.50</b>
	<b>Say Rs. In Lacs</b>				<b>4.88</b>

(C.O. to Final abstract of cost)

For Pyramid Inftratech Pvt. Ltd.



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## Sub Work No. VII

## Mtc. Of services &amp; Resurfacing of Road

S. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Mtc. Of water supply, sewer, storm water drain, roads, street light, hort. Etc. for period of 10 years including operation charges full establishment etc. complete in all respects 5.11875 acres @ Rs. 4.00 lacs per acre	Acre	5	100000	500000
2	Provision for resurfacing of roads after 5 years of 1st phase with provision of 50mm thick BM including leveling coarse and 25mm BC as per crust design whichever is safer	Sqm	6153	100	615300
3	2nd phase after next five years of 1st phase (50mm DBM & 25mm BC or as per crust design whichever is safer	Sqm	6153	200	1230600
	<b>Sub Total</b>				<b>2345900</b>
	Add 3% contingencies & PH Services				70377
	<b>Sub Total</b>				<b>2416277</b>
	Add 49% Departmental Charges				1183976
	<b>Total</b>				<b>3600253</b>
	Say Rs. In Lacs				<b>36.00</b>

(C.O. to Final abstract of cost)

For Pyramid Infratech Pvt. Ltd.



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## SUMMARY OF DESIGN REQUIREMENT

S. No.	Description	Qty	Unit
1	Total Population	3610	Persons
2	Total Water Requirement (Domestic)	469	KLD
3	Total Water Requirement (Flushing)	231	KLD
4	Total Water Requirement (Horticulture)	60	KLD
5	U. G Tank (Domestic - 250 KLD)	1	No.
6	U.G.T Fire Tank 200 KLD	1	No.
7	No. of Domestic WS pumps UGT	2+1	Set
8	No. of Flushing pumps	2+1	No.
9	No. of submersible pumps	1	No.
10	Main Fire Hydrant electrical pumps	1	No.
11	Diesel fire pumps	1	No.
12	Jockey fir pumps	1	No.
13	Generating sets (75 KVA)	1	75 KVA
14	STP (Capacity 590 KLD)	1	No.

For Pyramid Infratech Pvt. Ltd.



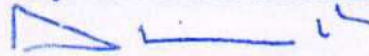
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## TOTAL MATERIAL STATEMENT FOR WATER SUPPLY i.e. DOMESTIC, FLUSHING &amp; RISING MAIN ETC.

S. No.	Description	Size of pipe upto valve in 80mm	Size of pipe upto valve in 100mm	Size of pipe upto valve in 150mm	Size of pipe upto valve in 200mm
1	Domestic	-	137M	522M	10M
2	Flushing	-	350M	365M	-
3	Rising Main	-	440M	-	-
	<b>Total</b>	-	<b>927M</b>	<b>887M</b>	<b>10M</b>

For Pyramid Infratech Pvt. Ltd.



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**MATERIAL STATEMENT (DOMESTIC WATER SUPPLY)**

S. No.	Line Designation		Size of Pipe Provided	Length of Pipe (Mtr)	Length in Mtr		
	From	To			200MM	150MM	100MM
1	UGT	A	200	10	10	-	-
2	A	B	150	50	-	50	-
3	B	C	150	80	-	80	-
4	C	D	150	42	-	42	-
5	D	E	150	155	-	155	-
6	A	F	150	55	-	55	-
7	F	G	150	45	-	45	-
8	G	H	150	95	-	95	-
9	H	I	100	70	-	-	70
10	I	E	100	67	-	-	67
	<b>Total</b>			<b>669</b>	<b>10</b>	<b>522</b>	<b>137</b>

200mm i/d Pipe Length

10 Mtr

150mm i/d Pipe Length

522 Mtr

100mm i/d Pipe Length

137 Mtr

For Pyramid Infratech Pvt. Ltd.



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**MATERIAL STATEMENT (FLUSHING WATER SUPPLY)**

S. No.	Line Designation		Size of Pipe Provided	Length of Pipe (Mtr)	Length in Mtr	
	From	To			150MM	100MM
1	STP	a	150	55	55	-
2	a	b	150	45	45	-
3	b	c	150	100	100	-
4	c	d	100	80	-	80
5	d	e	100	45	-	45
6	a	f	150	95	95	-
7	f	g	150	70	70	-
8	g	h	100	70	-	70
9	h	e	100	155	-	155
	<b>Total</b>			<b>715</b>	<b>365</b>	<b>350</b>

150mm i/d Pipe Length

365 Mtr

100mm i/d Pipe Length

350 Mtr

For Pyramid Infratech Pvt. Ltd.

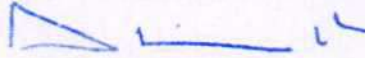


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## MATERIAL STATEMENT FOR BOREWELL RISING MAINS AND HUDA MAIN

S. No.	Name of Line		Size of Pipe Provided	Length of Pipe (Mtr)	Length in Mtr	
	From	To			100mm	150mm
1	T.W.	UGT	100	60	60	-
2	HSVP Line	UGT	100	380	380	-
	<b>Total</b>			<b>440</b>	<b>440</b>	<b>0</b>

For Pyramid Infratech Pvt. Ltd.



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## MATERIAL STATEMENT FOR SEWERAGE SCHEME

26

S. No.	Line No.		Length (In Mtr)	Pipe Dia	Av. Depth	Length in Mtr		
	From	To				200mm i/d 0 to 2.00 Mtr	250mm i/d 0 to 2.50 Mtr	300mm i.d 0 to 3.00 Mtr
1	A	B	140	250	1.47	-	140	-
2	B	C	45	250	1.84	-	45	-
3	C	D	80	250	2.10	-	80	-
4	D	E	98	300	2.43	-	-	98
5	E	F	48	300	2.61	-	-	48
6	F2	F1	60	200	1.38	60	-	-
7	F1	F	90	250	1.77	-	90	-
8	F	STP	55	300	2.74	-	-	55
	<b>Total</b>		<b>616</b>			<b>60</b>	<b>355</b>	<b>201</b>

200mm i/d Pipe Length                      60 Mtr  
250mm i/d Pipe Length                      355 Mtr  
300mm i/d Pipe Length                      201 Mtr

200mm i/d D.I. Pipe (By Pumping) = 250 Mtr

For Pyramid Infratech Pvt. Ltd.



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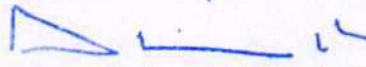
**MATERIAL STATEMENT OF STORM WATER DRAINAGE SCHEME**

Sr. No.	Line Reference		400mm i/d RCC Np3 Pipe Length in Mtr
	From	To	
1	A	B/RWH-1	115
2	B/RWH-1	C/RWH-2	110
3	C/RWH-2	D/RWH-3	110
4	D/RWH-3	E/RWH-5	75
5	E3	E2/RWH-4	78
6	E2/RWH-4	E1	65
7	E1	E/RWH-5	95
8	E/RWH-5	Master SWD HSVP	80
	<b>Total Length</b>		<b>728</b>

**Total Length 400mm i/d RCC Np3 pipe = 728 Mtr**

**Total Rain Water Harvesting (RWH) = 5 Nos**

For Pyramid Infratech Pvt. Ltd.

  
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**Material Statement of Road Works**

## i) Roads

Sr. No.	Road No.	Length	Width	Area	
1	1	190.00	6.00	1140.00	Sqm
2	2	80.00	6.00	480.00	Sqm
3	3	140.00	6.00	840.00	Sqm
4	4	105.00	6.00	630.00	Sqm
5	5	145.00	6.00	870.00	Sqm
6	6	155.00	6.00	930.00	Sqm
7	7	45.00	6.00	270.00	Sqm
8	8	38.00	2 x 7	532.00	Sqm
9	9	12.00	2 x 7	168.00	Sqm
	<b>G. Total</b>	<b>910.00</b>		<b>5860.00</b>	Sqm
Add 5% extra for curves				293.00	Sqm
<b>Total</b>				<b>6153.00</b>	<b>Sqm</b>

## ii) Kerbs &amp; Channels

6 Mtr wide Road	860 Mtr
24 Mtr wide Road (2 x 50Mtr) (38+12)	100 Mtr
<b>Total</b>	<b>960 Mtr</b>

## iii) PARKING :-

(i) Surface Car Parking = 382 Nos	
Area = 382 Nos x 2.50 Mtr x 5.00 Mtr = 4775.00 Sqm	
ii) Approach of Towers L.S.	= 1000.00 Sqm
<b>Total</b>	<b>= 5775.00 Sqm</b>

For Pyramid Infratech Pvt. Ltd.



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**MATERIAL STATEMENT (FIRE FIGHTING)**

S. No.	Line Reference		Length in Mtr	Size of M.S. Pipe 150mm i/d Fire Rising	Remarks
	From	To			
				150mm	
1	UGT	A	10	10	
2	A	B	40	40	
3	B	C	90	90	
4	C	D	55	55	
5	D	E	160	160	
6	E	F	75	75	
7	A	G	52	52	
8	G	H	115	115	
9	H	I	25	25	
10	I	J	65	65	
11	J	K	60	60	
12	K	F	65	65	
	<b>Total</b>		<b>812</b>	<b>812</b>	

i) Length of 150mm i/d M.S. Pipe = 812 Mtr

ii) Length of 100mm i/d F.H. = 24 X 8 = 192 Mtr

iii) Nos of F.H. = 24 Nos

For Pyramid Infracore Pvt. Ltd.

  
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## SUBHEAD : IRRIGATION WATER SUPPLY SCHEME - DESIGN CALCULATION (HORTICULTURE)

## HYDRAULIC STATEMENT OF IRRIGATION WATER SUPPLY

S. No.	Line Reference	Population	Peak Flow in LPH	Velocity (m/s)	Size of the pipe required (in mm)	Size of the Pipe Recommend (mm)	Hydraulic Radius	Total Friction Loss in m/m	Length (M)	Loss of Head in Line (M)	Formation Level	Available head (M)
1	From Flushing Water Supply line	60000	-	-	25.00	25	-	-	320	-	-	-

Note :-

40 Nos connections are to be done from flushing water supply line i.e. 40 Nos x 8 Mtr/each = 320 Mtr for 25mm i/d

For Pyramid Infraitech Pvt. Ltd.



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## HYDRAULIC STATEMENT OF WATER SUPPLY (DOMESTIC)

## SUBHEAD : DOMESTIC WATER SUPPLY SCHEME - DESIGN CALCULATION

S. No.	Line Reference		Tower No.	Flat / Unit			Population @ 5 Person per flat	Water Requirement @ 172.50 LPCD	Other Water Requirement i.e. Commercial / Community Centre and Anganwadi	Total Water Requirement in LPD	Water Requirement @ 67% of total water requirement	Peak Flow in LPH	Velocity (m/s)	Size of the pipe in (mm)	Total Friction Loss in M/M	Length in (M)	Loss of Head in Line (M)	Formation Level at Lower End	Available Head at Lower end (M)	Terminal Head (M)	Remarks
	From	To		Self	Branch	Total															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	UGT	A	1 to 7	-	722	722	3610	622725	31150	653875	438096	164290	0.68	200	0.004	10	0.04	235.90	310.86	74.96	Formation Level at Water Works i.e. UGT = 235.90 M
2	A	B	1,2,3,4,5	59	413	472	2360	407100	-	407100	272757	102286	0.62	150	0.005	50	0.25	235.90	310.61	74.71	Boosting Head = 75.00 M
3	B	C	1,2,3,4	177	236	413	2065	356213	-	356213	238662	89501	0.62	150	0.005	80	0.40	235.85	310.21	74.36	Hydraulic Head = 310.90 M
4	C	D	1,2,3,4	-	236	236	1180	203550	-	203550	136379	51143	0.38	150	0.002	42	0.08	235.80	310.13	74.33	
5	D	E	1,2,3,4	236	-	236	1180	203550	-	203550	136379	51143	0.38	150	0.002	155	0.31	235.70	309.82	74.12	
6	A	F	1,5,6,7	66	184	250	1250	215625	31150	246775	165339	62004	0.43	150	0.003	55	0.15	235.95	310.71	74.76	
7	F	G	1,5,6,7	-	184	184	920	158700	31150	189850	127200	47701	0.29	150	0.001	45	0.05	235.90	310.66	74.76	
8	G	H	1,5,6,7	125	59	184	920	158700	31150	189850	127200	47701	0.29	150	0.001	95	0.10	235.80	310.56	74.76	
9	H	I	1	59	-	59	295	50888	31150	82038	54965	20612	0.47	100	0.005	70	0.35	235.70	310.21	74.51	
10	I	E	-	-	-	-	-	-	10000	10000	6700	2513	0.23	100	0.001	67	0.07	235.70	310.14	74.44	

For Pyramid Infra tech Pvt. Ltd.



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**HYDRAULIC STATEMENT OF WATER SUPPLY (FLUSHING) RECYCLING OF TREATED SEWAGE WATER  
SUBHEAD : FLUSHING WATER SUPPLY SCHEME - DESIGN CALCULATION**

S. No.	Line Reference	Tower No.	Unit / Flat			Population @ 5 Person per flat (for main unit and @ 3 person per EWS flat	Water Requirement @ 172.50 LPCD	Other Water Requirement i.e. Commercial, Community Centre / Anganwadi in LPD	Total Water Requirement in LPD	Water Requirement @ 33% of total water requirement	Peak Flow in LPH	Velocity (m/s)	Size of the pipe in (mm)	Total Friction Loss in M/M	Length in (M)	Loss of Head in Line (M)	Formation Level at Lower End	Available Head at Lower end (M)	Terminal Head (M)	Remarks	
			From	To	Self																Branch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	STP	a	1 to 7	-	722	722	3610	622725	31150	653875	215779	80916	0.62	150	0.005	55	0.27	235.90	310.68	74.78	Formation Level at STP = 235.95 M Boosting Head = 75.00 M Flushing Hydraulic Head at STP = 310.95 M
2	a	b	2 to 7	-	302	302	1510	260475	-	260475	85957	32233	0.29	150	0.001	45	0.05	235.95	310.63	74.68	
3	b	c	2 to 7	125	177	302	1510	260475	-	260475	85957	32233	0.29	150	0.001	100	0.10	235.90	310.53	74.63	
4	c	d	2,3,4	177	-	177	885	152663	-	152663	50379	18892	0.47	100	0.005	80	0.40	235.85	310.13	74.28	
5	d	e	-	-	-	-	-	-	-	-	-	-	0.23	100	0.001	45	0.05	235.80	310.08	74.28	
6	e	f	1 to 7	125	295	420	2100	362250	31150	393400	129822	48683	0.38	150	0.002	95	0.19	235.80	310.49	74.69	
7	f	g	1 to 5	59	236	295	1475	254438	31150	285588	94244	35341	0.29	150	0.001	70	0.07	235.70	310.42	74.72	
8	g	h	1,2,3,4	-	236	236	1180	203550	10000	213550	70472	26427	0.47	100	0.005	70	0.35	235.70	310.07	74.37	
9	h	e	1,2,3,4	236	-	236	1180	203550	-	203550	67172	25189	0.47	100	0.005	155	0.78	235.80	309.29	73.49	

For Pyramid Infracore Pvt. Ltd.



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DESIGN STATEMENT OF SEWERAGE SCHEME

S. No.	Line Reference		Tower No.	Unit / Flat			Population @ 5 person per flat	Water Requirement @ 172.50 LPCD	Other Requirement i.e. comm. / building / Anganwadi	Total water requirement LPD	Sew. Quantity after evaporation losses @ 20% (In LPD)	Sewerage Discharge Peak Flow (m3/sec)	Size of pipe in (mm)	Gradient in (m)	Velocity (m/sec)	Carrying capacity of pipe (m3/sec)	Length in Mtr	Fall + Extra Fall in line due to slope (m)	Ground Level		Formation Level		Invert Level		Depth		
	From	To		Self	Branch	Total													Start	End	Start	End	Start	End	Start	End	Average
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	A	B	1 to 4	236	-	236	1180	203550	10000	213550	170840	0.006	250	305	0.76	0.019	140	0.45	235.45	235.95	235.70	235.80	234.50	234.05	1.20	1.75	1.47
2	B	C	1 to 4	-	236	236	1180	203550	10000	213550	170840	0.006	250	305	0.76	0.019	45	0.14	235.95	235.25	235.80	235.85	234.05	233.91	1.75	1.94	1.85
3	C	D	1 to 4	177	236	413	2065	356213	10000	366213	292970	0.010	250	305	0.76	0.019	80	0.26	235.25	235.40	235.85	235.90	233.91	233.65	1.94	2.25	2.10
4	D	E	1 to 7	125	413	538	2690	464025	10000	474025	379220	0.013	300	385	0.76	0.027	98	0.25	235.40	235.80	235.90	235.95	233.62	233.37	2.28	2.58	2.43
5	E	F	1 to 7	-	538	538	2690	464025	10000	474025	379220	0.013	300	385	0.76	0.027	48	0.12	235.80	235.60	235.95	235.90	233.37	233.25	2.58	2.65	2.61
6	F2	F1	1	59	-	59	295	50888	21150	72038	57630	0.002	200	225	0.76	0.012	60	0.26	235.35	235.50	235.70	235.80	234.50	234.24	1.20	1.56	1.38
7	F1	F	1,5,6,7	125	59	184	920	158700	21150	179850	143880	0.005	250	305	0.76	0.019	90	0.29	235.50	235.60	235.80	235.90	234.21	234.21	1.59	1.95	1.77
8	F	STP	1 to 7	-	722	722	3610	622725	31150	653875	523100	0.018	300	385	0.76	0.027	55	0.14	235.60	235.70	235.90	235.95	233.25	233.11	2.65	2.84	2.74
9	STP	HSVP Sewer															250	0.60	235.70	235.40	235.95	235.55	233.95	233.35	2.00	2.20	2.10

By Pumping (Boosting) D.I. Pipe 200mm I/d = 250 Mtr upto Master Sewerage (HSVP)

For Pyramid Infra tech Pvt. Ltd.



Authorized Signatory



DESIGN CALCULATION OF STORM WATER DRAINAGE SCHEME  
 INTENSITY OF RAIN FALL = 0.006 MTR /HR  
 IMPERMEABILITY FACTOR = 0.6

S. No.	Name of Node		Area (Self)		Branch Area		Total Area		Rain fall		Discharge @ 17.36 LPS/Hector		Length		Pipe dia		Slope		Velocity		Cap. Of drain		Fall + Extra Fall		Ground Level		Formation Level		Invert Level		Depth of M.H.'s		Average Depth		Remarks			
	From	To	IN SQM	In Acre	In Acre	In Acre	In Hector	mm / hr.	IN LPS	IN Mtr	In mm	In Mtr	IN m/sec	IN LPS	IN Mtr	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25														
1	A	B/RWH-1	4600	1.14	0	1.14	0.46	6.00	7.99	115	400	570	0.76	98.57	0.20	235.80	235.40	235.95	234.15	233.95	233.95	1.80	1.95	1.88														
2	B/RWH-1	C/RWH-2	2750	0.68	1.14	1.82	0.74	6.00	12.78	110	400	570	0.76	98.57	0.19	235.40	235.95	235.80	233.95	233.76	233.76	1.95	2.04	2.00														
3	C/RWH-2	D/RWH-3	3500	0.87	1.82	2.69	1.09	6.00	18.86	110	400	570	0.76	98.57	0.19	235.95	235.80	235.75	233.75	233.57	233.57	2.04	2.18	2.11														
4	D/RWH-3	E/RWH-5	1400	0.35	2.68	3.03	1.22	6.00	21.26	75	400	570	0.76	98.57	0.13	235.80	235.95	235.75	235.70	233.76	233.44	2.18	2.26	2.22														
5	E3	E2/RWH-4	2500	0.62	0	0.62	0.25	6.00	4.34	78	400	570	0.76	98.57	0.13	235.70	235.80	235.95	234.15	234.02	234.02	1.80	1.83	1.81														
6	E2/RWH-4	E1	2200	0.54	0.62	1.16	0.47	6.00	8.18	65	400	570	0.76	98.57	0.11	235.80	235.50	235.85	234.02	233.91	233.91	1.83	1.89	1.86														
7	E1	E/RWH-5	2400	0.59	1.16	1.75	0.71	6.00	12.32	95	400	570	0.76	98.57	0.16	235.50	235.35	235.80	235.70	233.91	233.44	1.89	1.95	1.92														
8	E/RWH-5	Master SWD HSVP	800	0.20	4.78	4.98	2.01	6.00	34.97	80	400	570	0.76	98.57	0.14	235.35	235.40	235.70	235.55	233.44	233.30	2.26	2.25	2.26														

For Pyramid Infratech Pvt. Ltd.



Authorized Signatory



# ROADS

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NO.	NO. OF LANE	LANE WIDTH	ROAD WIDTH	ROAD LENGTH	AREA
1	2	3.00	6.00	1200.00	7200.00
2	2	3.00	6.00	1200.00	7200.00
3	2	3.00	6.00	1200.00	7200.00
4	2	3.00	6.00	1200.00	7200.00
5	2	3.00	6.00	1200.00	7200.00
6	2	3.00	6.00	1200.00	7200.00
7	2	3.00	6.00	1200.00	7200.00
8	2	3.00	6.00	1200.00	7200.00
9	2	3.00	6.00	1200.00	7200.00
10	2	3.00	6.00	1200.00	7200.00
11	2	3.00	6.00	1200.00	7200.00
12	2	3.00	6.00	1200.00	7200.00
13	2	3.00	6.00	1200.00	7200.00
14	2	3.00	6.00	1200.00	7200.00
15	2	3.00	6.00	1200.00	7200.00
16	2	3.00	6.00	1200.00	7200.00
17	2	3.00	6.00	1200.00	7200.00
18	2	3.00	6.00	1200.00	7200.00
19	2	3.00	6.00	1200.00	7200.00
20	2	3.00	6.00	1200.00	7200.00
21	2	3.00	6.00	1200.00	7200.00
22	2	3.00	6.00	1200.00	7200.00
23	2	3.00	6.00	1200.00	7200.00
24	2	3.00	6.00	1200.00	7200.00
25	2	3.00	6.00	1200.00	7200.00
26	2	3.00	6.00	1200.00	7200.00
27	2	3.00	6.00	1200.00	7200.00
28	2	3.00	6.00	1200.00	7200.00
29	2	3.00	6.00	1200.00	7200.00
30	2	3.00	6.00	1200.00	7200.00
31	2	3.00	6.00	1200.00	7200.00
32	2	3.00	6.00	1200.00	7200.00
33	2	3.00	6.00	1200.00	7200.00
34	2	3.00	6.00	1200.00	7200.00
35	2	3.00	6.00	1200.00	7200.00
36	2	3.00	6.00	1200.00	7200.00
37	2	3.00	6.00	1200.00	7200.00
38	2	3.00	6.00	1200.00	7200.00
39	2	3.00	6.00	1200.00	7200.00
40	2	3.00	6.00	1200.00	7200.00
41	2	3.00	6.00	1200.00	7200.00
42	2	3.00	6.00	1200.00	7200.00
43	2	3.00	6.00	1200.00	7200.00
44	2	3.00	6.00	1200.00	7200.00
45	2	3.00	6.00	1200.00	7200.00
46	2	3.00	6.00	1200.00	7200.00
47	2	3.00	6.00	1200.00	7200.00
48	2	3.00	6.00	1200.00	7200.00
49	2	3.00	6.00	1200.00	7200.00
50	2	3.00	6.00	1200.00	7200.00

FLOOR	LEVEL	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH
1	GROUND FLOOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	FIRST FLOOR	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3	SECOND FLOOR	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
4	THIRD FLOOR	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	FOURTH FLOOR	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
6	FIFTH FLOOR	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
7	SIXTH FLOOR	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
8	SEVENTH FLOOR	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
9	EIGHTH FLOOR	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
10	NINTH FLOOR	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
11	TENTH FLOOR	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
12	ELEVENTH FLOOR	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
13	TWELFTH FLOOR	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
14	THIRTEENTH FLOOR	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00
15	FOURTEENTH FLOOR	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
16	FIFTEENTH FLOOR	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
17	SIXTEENTH FLOOR	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00
18	SEVENTEENTH FLOOR	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00
19	EIGHTEENTH FLOOR	54.00	54.00	54.00	54.00	54.00	54.00	54.00	54.00
20	NINETEENTH FLOOR	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00
21	ROOF TOP FLOOR	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
22	MECH. FLOOR	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00
23	ROOF TOP FLOOR	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
24	MECH. FLOOR	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00
25	ROOF TOP FLOOR	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
26	MECH. FLOOR	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
27	ROOF TOP FLOOR	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00
28	MECH. FLOOR	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00
29	ROOF TOP FLOOR	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
30	MECH. FLOOR	87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00
31	ROOF TOP FLOOR	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
32	MECH. FLOOR	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00
33	ROOF TOP FLOOR	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00
34	MECH. FLOOR	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00
35	ROOF TOP FLOOR	102.00	102.00	102.00	102.00	102.00	102.00	102.00	102.00
36	MECH. FLOOR	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00
37	ROOF TOP FLOOR	108.00	108.00	108.00	108.00	108.00	108.00	108.00	108.00
38	MECH. FLOOR	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
39	ROOF TOP FLOOR	114.00	114.00	114.00	114.00	114.00	114.00	114.00	114.00
40	MECH. FLOOR	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00
41	ROOF TOP FLOOR	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42	MECH. FLOOR	123.00	123.00	123.00	123.00	123.00	123.00	123.00	123.00
43	ROOF TOP FLOOR	126.00	126.00	126.00	126.00	126.00	126.00	126.00	126.00
44	MECH. FLOOR	129.00	129.00	129.00	129.00	129.00	129.00	129.00	129.00
45	ROOF TOP FLOOR	132.00	132.00	132.00	132.00	132.00	132.00	132.00	132.00
46	MECH. FLOOR	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
47	ROOF TOP FLOOR	138.00	138.00	138.00	138.00	138.00	138.00	138.00	138.00
48	MECH. FLOOR	141.00	141.00	141.00	141.00	141.00	141.00	141.00	141.00
49	ROOF TOP FLOOR	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00
50	MECH. FLOOR	147.00	147.00	147.00	147.00	147.00	147.00	147.00	147.00
51	ROOF TOP FLOOR	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
52	MECH. FLOOR	153.00	153.00	153.00	153.00	153.00	153.00	153.00	153.00
53	ROOF TOP FLOOR	156.00	156.00	156.00	156.00	156.00	156.00	156.00	156.00
54	MECH. FLOOR	159.00	159.00	159.00	159.00	159.00	159.00	159.00	159.00
55	ROOF TOP FLOOR	162.00	162.00	162.00	162.00	162.00	162.00	162.00	162.00
56	MECH. FLOOR	165.00	165.00	165.00	165.00	165.00	165.00	165.00	165.00
57	ROOF TOP FLOOR	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00
58	MECH. FLOOR	171.00	171.00	171.00	171.00	171.00	171.00	171.00	171.00
59	ROOF TOP FLOOR	174.00	174.00	174.00	174.00	174.00	174.00	174.00	174.00
60	MECH. FLOOR	177.00	177.00	177.00	177.00	177.00	177.00	177.00	177.00
61	ROOF TOP FLOOR	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00
62	MECH. FLOOR	183.00	183.00	183.00	183.00	183.00	183.00	183.00	183.00
63	ROOF TOP FLOOR	186.00	186.00	186.00	186.00	186.00	186.00	186.00	186.00
64	MECH. FLOOR	189.00	189.00	189.00	189.00	189.00	189.00	189.00	189.00
65	ROOF TOP FLOOR	192.00	192.00	192.00	192.00	192.00	192.00	192.00	192.00
66	MECH. FLOOR	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00
67	ROOF TOP FLOOR	198.00	198.00	198.00	198.00	198.00	198.00	198.00	198.00
68	MECH. FLOOR	201.00	201.00	201.00	201.00	201.00	201.00	201.00	201.00
69	ROOF TOP FLOOR	204.00	204.00	204.00	204.00	204.00	204.00	204.00	204.00
70	MECH. FLOOR	207.00	207.00	207.00	207.00	207.00	207.00	207.00	207.00
71	ROOF TOP FLOOR	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00
72	MECH. FLOOR	213.00	213.00	213.00	213.00	213.00	213.00	213.00	213.00
73	ROOF TOP FLOOR	216.00	216.00	216.00	216.00	216.00	216.00	216.00	216.00
74	MECH. FLOOR	219.00							











# STORM WATER DRAINAGE SCHEME

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

**AREA CALCULATION OF GROUND FLOOR AREA**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**AREA CALCULATION OF STAIRWELL CORE AREA**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**AREA CALCULATION OF BALCONY, UNIT & C.B.D**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**DETAIL OF PLATS, TOWER & FLOORINGS**

SL. NO.	FLOOR	TOWER-1	TOWER-2	TOWER-3	TOWER-4	TOWER-5	TOWER-6	TOWER-7	TOTAL PLATS
1	GROUND FLOOR	6	6	6	6	6	6	6	42
2	FIRST FLOOR	6	6	6	6	6	6	6	42
3	SECOND FLOOR	6	6	6	6	6	6	6	42
4	THIRD FLOOR	6	6	6	6	6	6	6	42
5	FOURTH FLOOR	6	6	6	6	6	6	6	42
6	FIFTH FLOOR	6	6	6	6	6	6	6	42
7	SIXTH FLOOR	6	6	6	6	6	6	6	42
8	SEVENTH FLOOR	6	6	6	6	6	6	6	42
9	EIGHTH FLOOR	6	6	6	6	6	6	6	42
10	NINTH FLOOR	6	6	6	6	6	6	6	42
11	TENTH FLOOR	6	6	6	6	6	6	6	42
12	ELEVENTH FLOOR	6	6	6	6	6	6	6	42
13	TWELFTH FLOOR	6	6	6	6	6	6	6	42
14	THIRTEEN FLOOR	6	6	6	6	6	6	6	42
15	FOURTEEN FLOOR	6	6	6	6	6	6	6	42
16	FIFTEEN FLOOR	6	6	6	6	6	6	6	42
17	SIXTEEN FLOOR	6	6	6	6	6	6	6	42
18	SEVENTEEN FLOOR	6	6	6	6	6	6	6	42
19	EIGHTEEN FLOOR	6	6	6	6	6	6	6	42
20	NINETEEN FLOOR	6	6	6	6	6	6	6	42
21	TWENTY FLOOR	6	6	6	6	6	6	6	42
22	TWENTY FIRST FLOOR	6	6	6	6	6	6	6	42
23	TWENTY SECOND FLOOR	6	6	6	6	6	6	6	42
24	TWENTY THIRD FLOOR	6	6	6	6	6	6	6	42
25	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
26	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
27	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
28	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
29	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
30	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
31	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
32	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
33	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
34	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
35	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
36	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
37	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
38	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
39	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
40	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
41	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
42	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
43	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
44	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
45	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
46	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
47	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
48	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
49	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
50	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
51	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
52	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
53	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
54	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
55	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
56	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
57	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
58	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
59	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
60	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
61	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
62	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
63	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
64	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
65	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
66	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
67	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
68	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
69	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
70	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
71	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
72	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
73	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
74	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
75	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
76	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
77	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
78	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
79	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
80	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
81	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
82	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
83	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
84	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
85	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
86	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
87	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
88	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
89	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
90	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
91	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
92	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
93	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
94	TWENTY THIRFTH FLOOR	6	6	6	6	6	6	6	42
95	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
96	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
97	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
98	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
99	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
100	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42

**LEGEND:-**  
 1. STORM WATER LINE = →  
 2. MASTER STORM WATER (HSVP) = →  
 3. RWL = RWL  
 4. F.L. = 235.95  
 G.L. = 235.70  
 I.L. = 234.45

**AREA CALCULATION OF MUMTYS & MACH ROOM, TOWERS 1 to 7**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**DETAIL OF FLOOR LEVELS TOWER**

FLOOR	LEVEL
MUMTY	47.86
PARAPET LVL.	45.90
TERRACE LVL.	41.90
FOURTEEN FLOOR	38.90
THIRTEEN FLOOR	36.02
TWELVE FLOOR	33.00
ELEVENTH FLOOR	27.40
TENTH FLOOR	24.20
NINTH FLOOR	21.20
EIGHTH FLOOR	18.30
SEVENTH FLOOR	15.30
SIXTH FLOOR	12.30
FIFTH FLOOR	9.30
FOURTH FLOOR	6.30
THIRD FLOOR	3.30
SECOND FLOOR	0.30
FIRST FLOOR	0.00
GROUND FL. LVL.	0.00
OPEN AREA LVL.	0.00
GOVT. ROAD LVL.	0.00

**AREA CALCULATION OF STAIRWELL, TOWERS 1 to 7**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**AREA CALCULATION OF MUMTYS (ANGANWADI & COMMUNITY CENTRE)**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**AREA CALCULATION OF MUMTYS & MACH ROOM (COMMERCIAL)**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**STAIRCASE WELL COVD. AREA (COMMERCIAL)**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
TOTAL				36.75

**DETAIL OF CARPET AREA FLOOR/TOWERWISE FOR TOWER-1 to 7 (2BHK)**

SL. NO.	FLOOR	Nos.	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	UNIT-F	UNIT-G	UNIT-H	UNIT-I	UNIT-J	UNIT-K	UNIT-L	UNIT-M	UNIT-N	UNIT-O	UNIT-P	UNIT-Q	UNIT-R	UNIT-S	UNIT-T	UNIT-U
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# FIRE FIGHTING SCHEME

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

**AREA CALCULATION OF GROUND FLOOR AREA**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
D	1	3.50	3.50	12.25
E	1	3.50	3.50	12.25
F	1	3.50	3.50	12.25
G	1	3.50	3.50	12.25
H	1	3.50	3.50	12.25
I	1	3.50	3.50	12.25
J	1	3.50	3.50	12.25
K	1	3.50	3.50	12.25
L	1	3.50	3.50	12.25
M	1	3.50	3.50	12.25
N	1	3.50	3.50	12.25
O	1	3.50	3.50	12.25
P	1	3.50	3.50	12.25
Q	1	3.50	3.50	12.25
R	1	3.50	3.50	12.25
S	1	3.50	3.50	12.25
T	1	3.50	3.50	12.25
U	1	3.50	3.50	12.25
V	1	3.50	3.50	12.25
W	1	3.50	3.50	12.25
X	1	3.50	3.50	12.25
Y	1	3.50	3.50	12.25
Z	1	3.50	3.50	12.25
TOTAL				12.25

**AREA CALCULATION OF FIRST/FLOOR CORE AREA**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
D	1	3.50	3.50	12.25
E	1	3.50	3.50	12.25
F	1	3.50	3.50	12.25
G	1	3.50	3.50	12.25
H	1	3.50	3.50	12.25
I	1	3.50	3.50	12.25
J	1	3.50	3.50	12.25
K	1	3.50	3.50	12.25
L	1	3.50	3.50	12.25
M	1	3.50	3.50	12.25
N	1	3.50	3.50	12.25
O	1	3.50	3.50	12.25
P	1	3.50	3.50	12.25
Q	1	3.50	3.50	12.25
R	1	3.50	3.50	12.25
S	1	3.50	3.50	12.25
T	1	3.50	3.50	12.25
U	1	3.50	3.50	12.25
V	1	3.50	3.50	12.25
W	1	3.50	3.50	12.25
X	1	3.50	3.50	12.25
Y	1	3.50	3.50	12.25
Z	1	3.50	3.50	12.25
TOTAL				12.25

**AREA CALCULATION OF BALCONY, LIFT & C.B.D**

NOS.	NO.	L	B	AREA IN SQM
A	1	3.50	3.50	12.25
B	1	3.50	3.50	12.25
C	1	3.50	3.50	12.25
D	1	3.50	3.50	12.25
E	1	3.50	3.50	12.25
F	1	3.50	3.50	12.25
G	1	3.50	3.50	12.25
H	1	3.50	3.50	12.25
I	1	3.50	3.50	12.25
J	1	3.50	3.50	12.25
K	1	3.50	3.50	12.25
L	1	3.50	3.50	12.25
M	1	3.50	3.50	12.25
N	1	3.50	3.50	12.25
O	1	3.50	3.50	12.25
P	1	3.50	3.50	12.25
Q	1	3.50	3.50	12.25
R	1	3.50	3.50	12.25
S	1	3.50	3.50	12.25
T	1	3.50	3.50	12.25
U	1	3.50	3.50	12.25
V	1	3.50	3.50	12.25
W	1	3.50	3.50	12.25
X	1	3.50	3.50	12.25
Y	1	3.50	3.50	12.25
Z	1	3.50	3.50	12.25
TOTAL				12.25

**DETAIL OF PLATS, TOWER & FLOORINGS**

SL. NO.	FLOOR	TOWER-1	TOWER-2	TOWER-3	TOWER-4	TOWER-5	TOWER-6	TOWER-7	TOTAL PLATS
1	GROUND FLOOR	6	6	6	6	6	6	6	42
2	FIRST FLOOR	6	6	6	6	6	6	6	42
3	SECOND FLOOR	6	6	6	6	6	6	6	42
4	THIRD FLOOR	6	6	6	6	6	6	6	42
5	FOURTH FLOOR	6	6	6	6	6	6	6	42
6	FIFTH FLOOR	6	6	6	6	6	6	6	42
7	SIXTH FLOOR	6	6	6	6	6	6	6	42
8	SEVENTH FLOOR	6	6	6	6	6	6	6	42
9	EIGHTH FLOOR	6	6	6	6	6	6	6	42
10	NINTH FLOOR	6	6	6	6	6	6	6	42
11	TENTH FLOOR	6	6	6	6	6	6	6	42
12	ELEVENTH FLOOR	6	6	6	6	6	6	6	42
13	TWELFTH FLOOR	6	6	6	6	6	6	6	42
14	THIRTEEN FLOOR	6	6	6	6	6	6	6	42
15	FOURTEEN FLOOR	6	6	6	6	6	6	6	42
16	FIFTEEN FLOOR	6	6	6	6	6	6	6	42
17	SIXTEEN FLOOR	6	6	6	6	6	6	6	42
18	SEVENTEEN FLOOR	6	6	6	6	6	6	6	42
19	EIGHTEEN FLOOR	6	6	6	6	6	6	6	42
20	NINETEEN FLOOR	6	6	6	6	6	6	6	42
21	TWENTY FLOOR	6	6	6	6	6	6	6	42
22	TWENTY FIRST FLOOR	6	6	6	6	6	6	6	42
23	TWENTY SECOND FLOOR	6	6	6	6	6	6	6	42
24	TWENTY THIRD FLOOR	6	6	6	6	6	6	6	42
25	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
26	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
27	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
28	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
29	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
30	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
31	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
32	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
33	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
34	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
35	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
36	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
37	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
38	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
39	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
40	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
41	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
42	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
43	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
44	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
45	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
46	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
47	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
48	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
49	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
50	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
51	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
52	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
53	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
54	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
55	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
56	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
57	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
58	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
59	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
60	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
61	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
62	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
63	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
64	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
65	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
66	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
67	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
68	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
69	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
70	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
71	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
72	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
73	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
74	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
75	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
76	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
77	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
78	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
79	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
80	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42
81	TWENTY TENTH FLOOR	6	6	6	6	6	6	6	42
82	TWENTY ELEVENTH FLOOR	6	6	6	6	6	6	6	42
83	TWENTY TWELFTH FLOOR	6	6	6	6	6	6	6	42
84	TWENTY THIRTEENTH FLOOR	6	6	6	6	6	6	6	42
85	TWENTY FOURTH FLOOR	6	6	6	6	6	6	6	42
86	TWENTY FIFTH FLOOR	6	6	6	6	6	6	6	42
87	TWENTY SIXTH FLOOR	6	6	6	6	6	6	6	42
88	TWENTY SEVENTH FLOOR	6	6	6	6	6	6	6	42
89	TWENTY EIGHTH FLOOR	6	6	6	6	6	6	6	42
90	TWENTY NINTH FLOOR	6	6	6	6	6	6	6	42