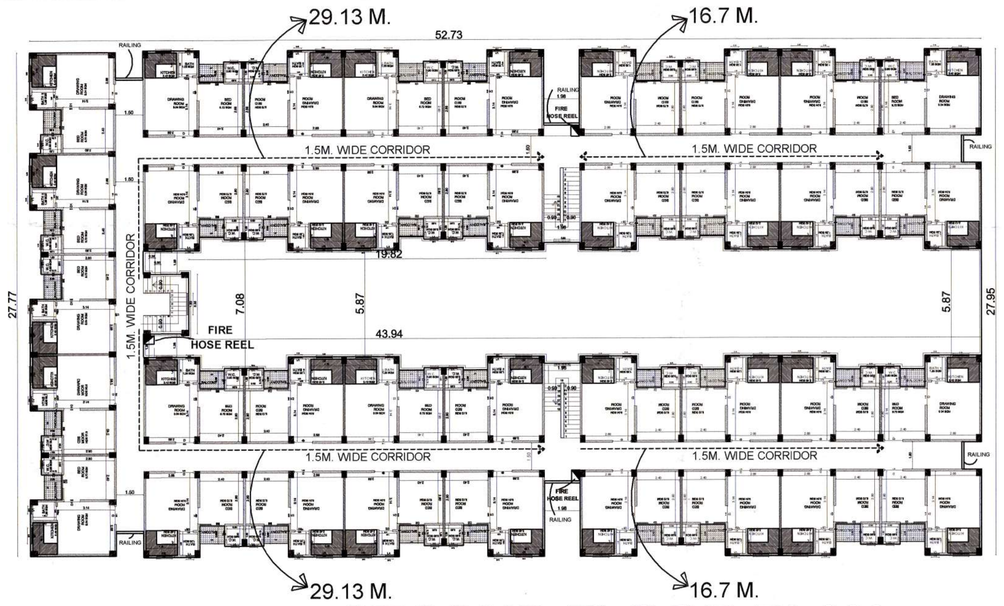
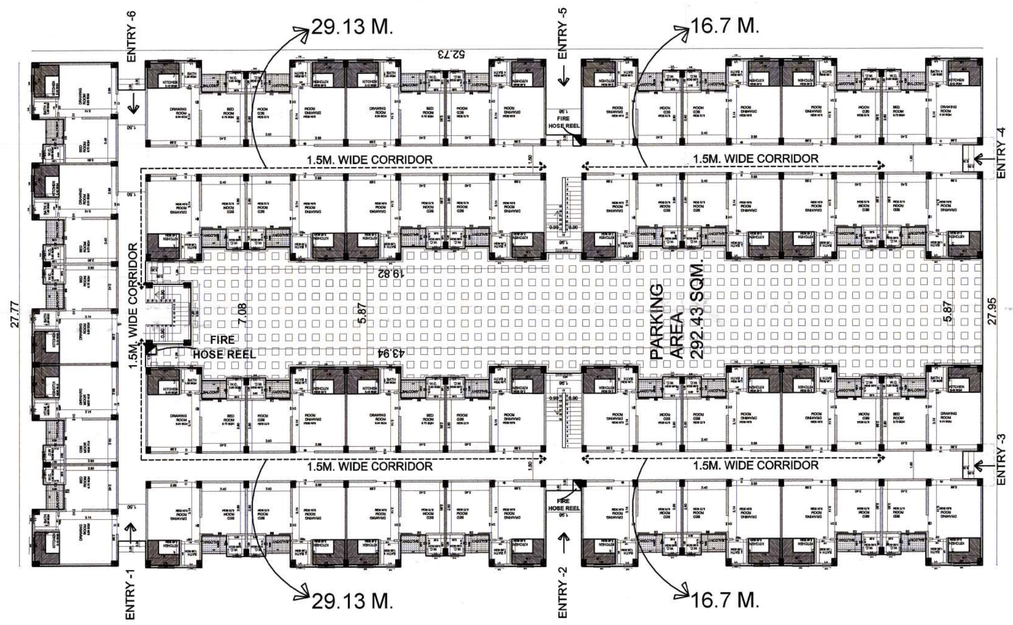


SECOND FLOOR PLAN

FIRST FLOOR PLAN



GROUND FLOOR PLAN

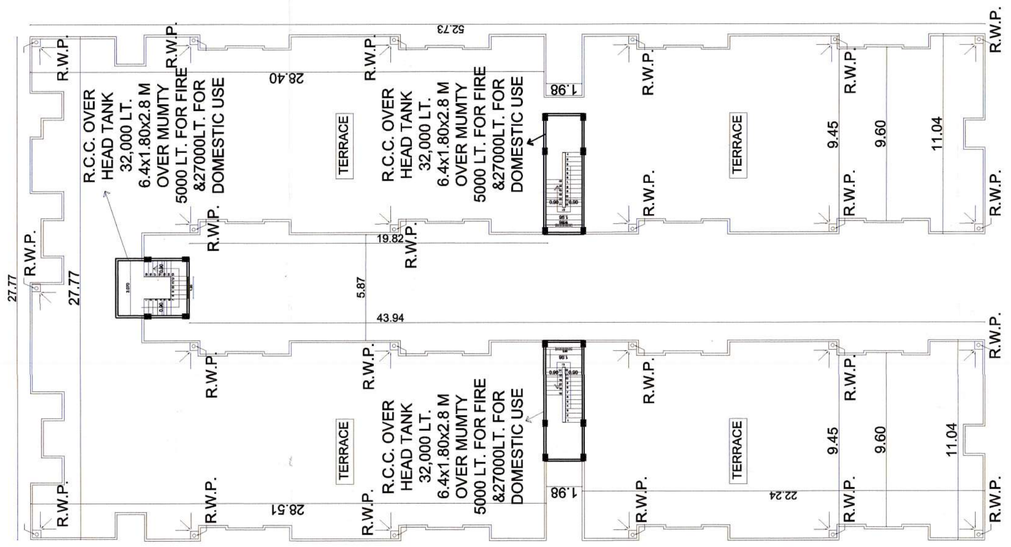
ALL FIRE FIGHTING ARRANGEMENTS SHALL BE DONE AS PER N.B.C.

LEGEND

SYMBOLS	DESCRIPTION
	4.5 KG CO2 FIRE EXTINGUISHER
	6KG WATER TYPE EXTINGUISHER
	FIRE HOSE REEL

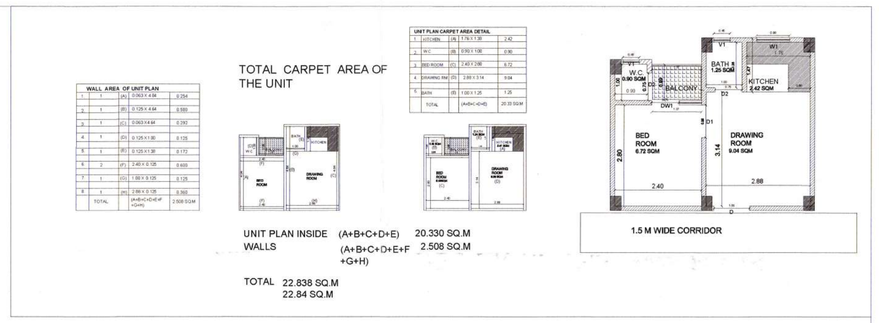
1. R.C.C. OVER HEAD TANK 30000 LT. 4.70 X 2.40 X 2.55 M OVER MUMTY, 25000 LIT FOR DOMESTIC SUPPLY & 5000 LIT FOR FIRE FIGHTING
2. 450 LPM PUMP FOR FIRE SYSTEM SHALL BE INSTALLED AT TERRACE LEVEL ABOVE STAIRCASE FIRE TANK CONNECTING TO ALL FLOORS HOSE REELS.

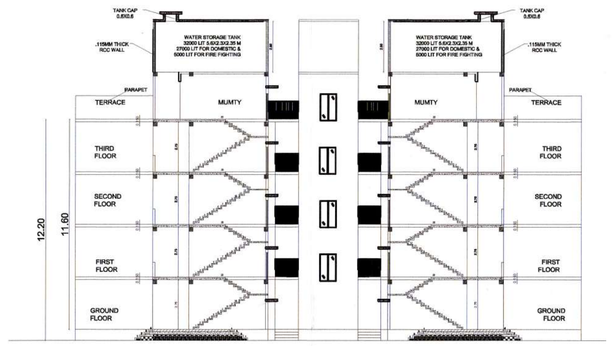
FRONT ELEVATION



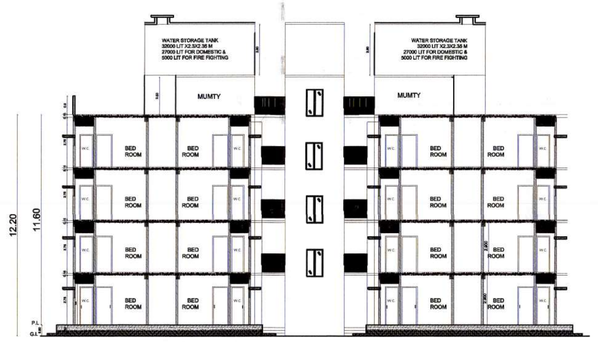
TERRACE PLAN

THIRD FLOOR PLAN



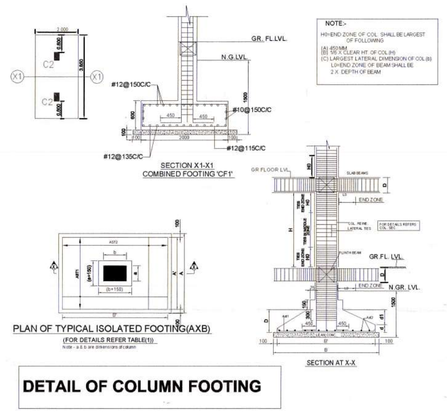


SECTION - AA'

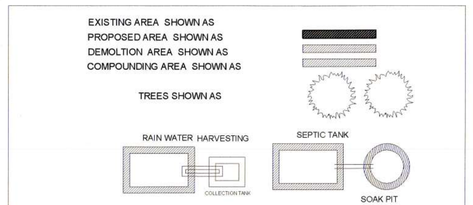


SECTION - BB'

SCALE-1:200



DETAIL OF COLUMN FOOTING



AREA STATEMENT

PROPOSED RESIDENTIAL BLOCK DESIGN OF THE EWS FLATS UNDER PRADHAN MANTRI AWAS YOJNA, AT KH. NO. 19,20,26,27, 29,30,33, OF VIL KUANDANDA & AT KH. NO. 302,303,305,306, 316,322, 324 & 325 VIL. PURNAPUR , BISALPUR ROAD BAREILLY. U.P., PROMOTED BY MEGA INFRA DREAMS CONSORTIUM, BAREILLY

AREA STAEMENT

TOTAL LAND AREA		= 101720.00 SQM
LAND AREA LEFT FOR RD. WIDENING, NALI, CHUCK ROAD		= 1720.00 SQM
NET LAND AREA		= 100000.00 SQM
LAND AREA FOR SELF OWNED SCHEME	: MEGA GREEN CITY	= 75000.00 SQM
LAND AREA FOR PMAY SCHEME	**: MEGA ECO PARK**	**= 25000.00 SQM**
GREENRY REQUIRED IN TOTAL SCHEME @ 15%		= 15000.00 SQM
GREENRY PROVIDED IN SELF OWNED SCHEME @ 15.01%		= 15010.73 SQM
PARKING AREA REQUIRED FOR PMAY SCHEME		= 3000.00 SQM
PARKING AREA PROVIDED FOR PMAY SCHEME		= 3013.22 SQM

AREA DETAILS PMAY SCHEME

COVERED AREA OF EACH FLOOR BLOCK (37 FLATS)	
37 FLATS X 10 = 1070.46 SQ.M X 10 = 10704.60 SQ.M	= 42818.4 SQ.M
COVERED AREA OF ALL FLOORS BLOCK (37 FLATS)	
COVERED AREA OF EACH FLOOR BLOCK (5 FLATS)	
5 FLATS X 1 = 151.01 SQ.M X 1 = 151.05 SQ.M	
COVERED AREA OF ALL FLOORS BLOCK (5 FLATS)	= 604.20 SQ.M
TOTAL COVERED AREA OF ALL BLOCKS PMAY	**= 43422.60 SQ.M**
TOTAL NO. OF FLAT IN THE SCHEME	**= 1500 FLATS**

AREA DETAILS SELF OWNED SCHEME

NOS. OF TYPE - A PLOTS (99.90 SQ.M)	= 94
PLOT AREA OF TYPE - A PLOTS	= 9390.6 SQ.M
COVERED AREA OF TYPE - A SINGLE PLOT (71.70 +29.22)	= 100.92 SQ.M
COVERED AREA OF TYPE - A ALL PLOTS (94 X 100.92)	= 9486.48 SQ.M
NOS. OF TYPE - B PLOTS (85.88 SQ.M)	= 134
PLOT AREA OF TYPE - B PLOTS	= 11507.92 SQ.M
COVERED AREA OF TYPE - B SINGLE PLOT	= 68.51 SQ.M
COVERED AREA OF TYPE - B ALL PLOTS (134 X 68.51)	= 9180.34 SQ.M
NOS. OF TYPE - C PLOTS (65.07 SQ.M)	= 227
PLOT AREA OF TYPE - C PLOTS	= 12500.89 SQ.M
COVERED AREA OF TYPE - C SINGLE PLOT (41.36 +21)	= 62.36 SQ.M
COVERED AREA OF TYPE - C ALL PLOTS (227 X 62.36)	= 14155.72 SQ.M
TOTAL COVERED AREA SELF OWNED SCHEME	= 32922.54 SQ.M
PLOT AREA OF COMMERCIAL PLOTS	= 1464.69 SQ.M
PLOT AREA OF SCHOOL PLOT	= 2027.49 SQ.M
TOTAL PLOTS	= 455

N

D/W SCHEDULE

D	= 1.00 X 2.1	W	= 1.20 X 1.80
D1	= 0.90 X 2.1	W1	= 0.900 X 1.80
D2	= 0.75 X 2.1	V	= 0.60 X 0.60

SIGN. OF OWNERS (1)

MEGA INFRADREAMS CONSORTIUM

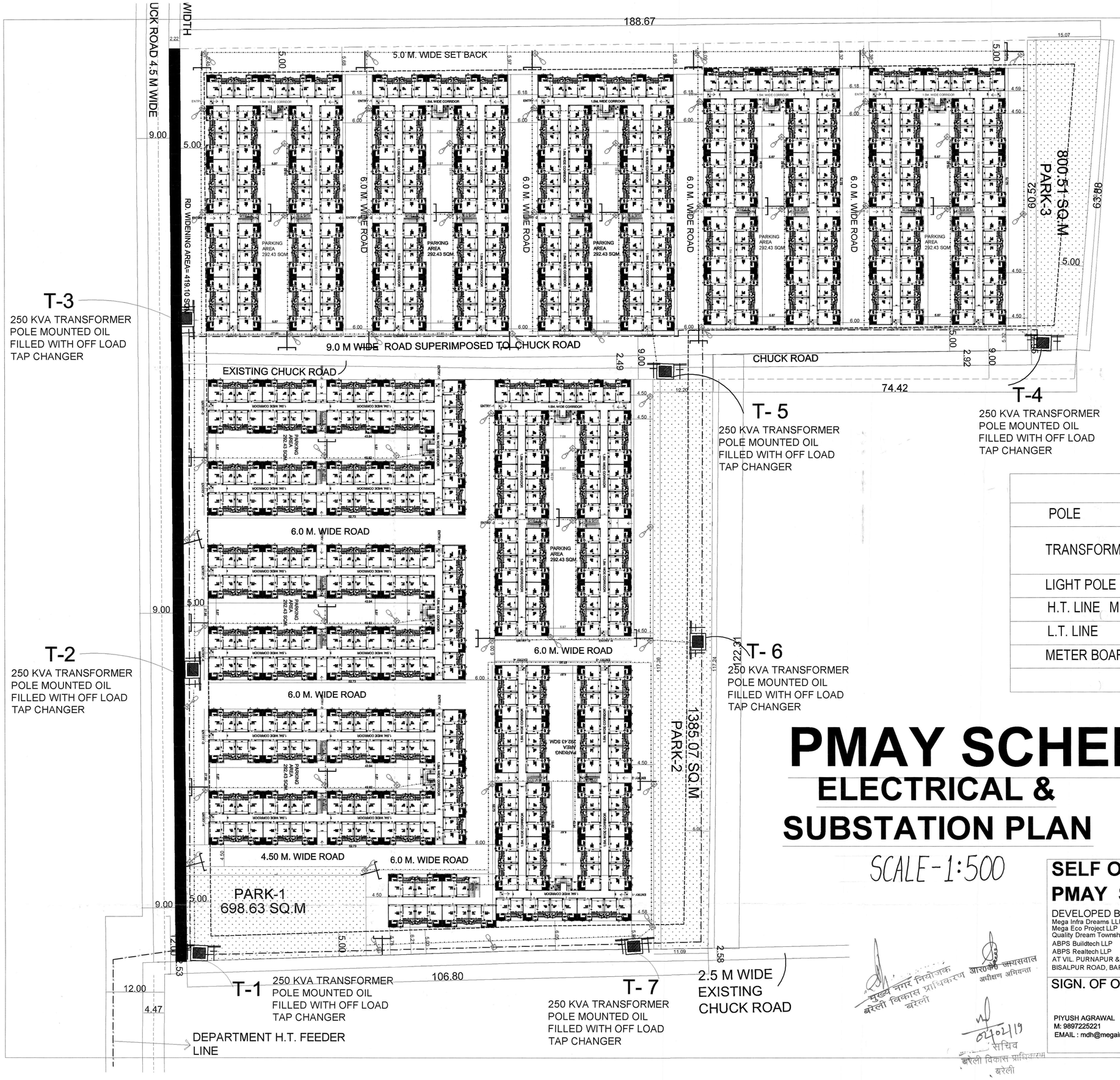
ARCHITECT
Ar.Anil Kumar Saxena
Anil Architect & Engineer
CA-7315/82
Govt. Approved Valuer
CAT1-1/2/2004
ANIL KUMAR SAXENA
CA-7315/82
ANILARCHITECTS & ENGINEERS
B-340, RAJENDRA NAGAR
BAREILLY. M.: 9897656828
anilarchitects2008@gmail.com
Rajendra Nagar, Bareilly, U.P.
0976-552139

मुख्य नगर नियोजक
बरेली विकास प्राधिकरण
बरेली

अधिशासी अभियन्ता
आवास अभियन्ता

सचिव
बरेली विकास प्राधिकरण
बरेली

MEGA ECO PARK



DESCRIPTION	SYMBOLS
POLE	
TRANSFORMER	
LIGHT POLE	
H.T. LINE M.S POLE 11M. HT	
L.T. LINE	
METER BOARD	METER BOARD

PMAY SCHEME

ELECTRICAL & SUBSTATION PLAN

SCALE-1:500

N

SELF OWNED SCHEME : MEGA GREEN CITY

PMAY SCHEME : MEGA ECO PARK

DEVELOPED BY CONSORTIUM :
Mega Infra Dreams LLP : lead member
Mega Eco Project LLP
Quality Dream Township LLP
ABPS Buildtech LLP
ABPS Realtech LLP
AT VIL. PURNAPUR & KUANTANDA,
BISALPUR ROAD, BAREILLY

EMAIL : mdh@megainfracity.com
MOBILE : 9897225221, 9837074950

SIGN. OF ONWER :

PIYUSH AGRAWAL
M: 9897225221
EMAIL : mdh@megainfracity.com

MEGA INFRADREAMS CONSORTIUM

ARCHITECT

ANIL KUMAR SAXENA
CA-7315/82
ANILARCHITECTS & ENGG.
B-340, RAJENDRA NAGAR
BAREILLY. M: 9897658839
anilarchitects2008@gmail.com

Ar.Anil Kumar Saxena
Anil Architect & Engineer
CA-7315/82
Govt. Approved Valuer
CAT1-12/2004
B-340, Rajendra Nagar, Bareilly, U.P.
M: 98976-58839,

मुख्य नगर नियोजक
बरेली विकास प्राधिकरण
बरेली

आरएन जायसवाल
अधीक्षण अभियन्ता

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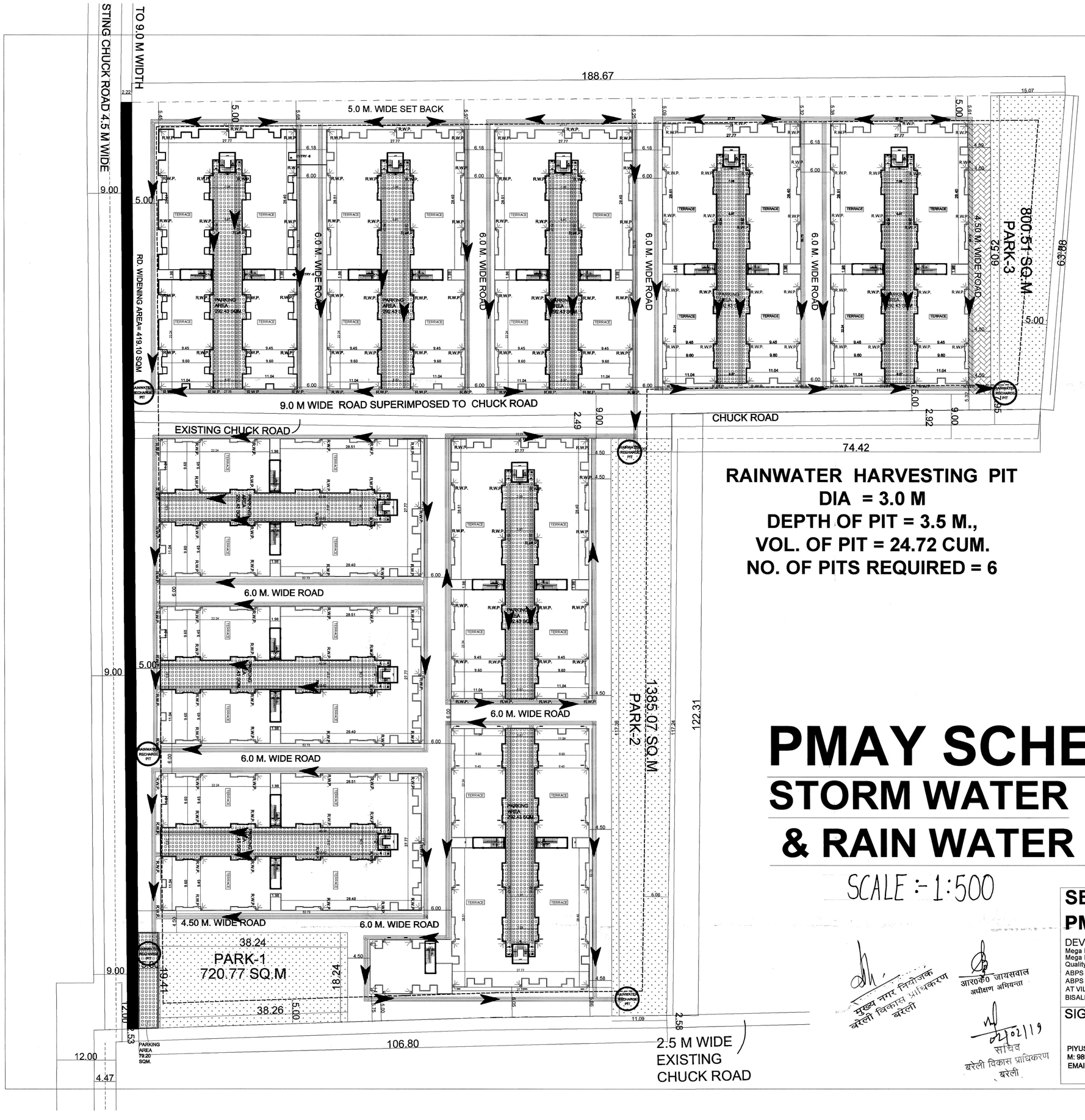

MEGA ECO PARK

RAINWATER HARVESTING PIT
DIA = 3.0 M
DEPTH OF PIT = 3.5 M.,
VOL. OF PIT = 24.72 CUM.
NO. OF PITS REQUIRED = 6

PMAY SCHEME
STORM WATER
& RAIN WATER HARVESTING

SCALE :- 1:500

N

मुख्य नगर नियोजक
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बरेली

आर०के० जायसवाल
अधीक्षण अभियन्ता

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सचिव
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SELF OWNED SCHEME : MEGA GREEN CITY
PMAY SCHEME : MEGA ECO PARK

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ANILARCHITECTS & ENGG.
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BAREILLY. M: 9897658839
anilarchitects2008@gmail.com

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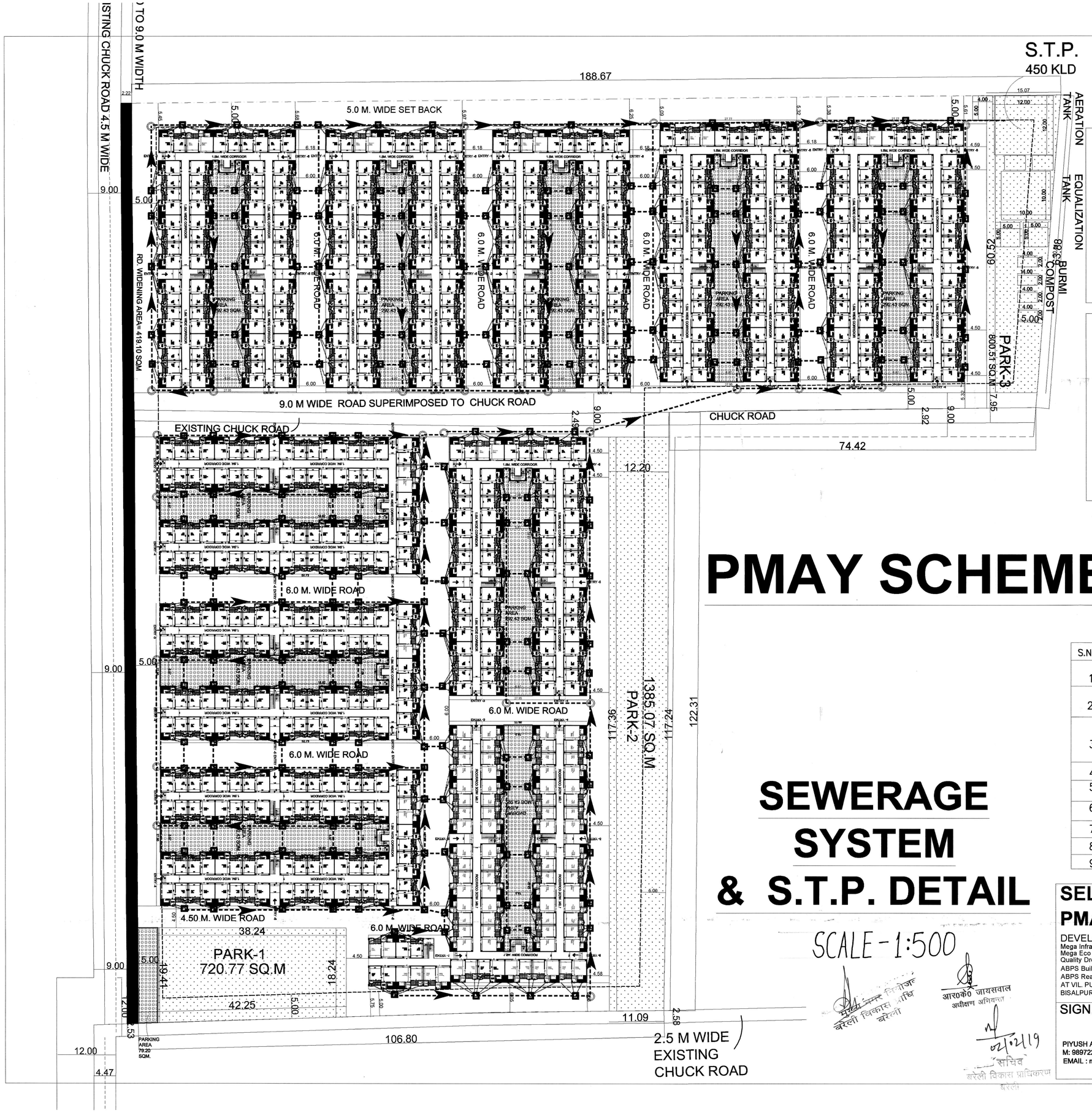
MEGA ECO PARK



DETAILS OF CIVIL TANKS

S.NO	DESCRIPTION	SIZE
1.	BAR SCREENING CHAMBER	3.0 x 2.0 x 1.5 M
2.	OIL TRAP	7.0 x 2.0 x 2.5 M
3.	EQUALIZATION TANK	10.0 x 10.0 x 3.5 M
4.	AERATION TANK	12.0 x 12.0 x 5.0 M
5.	SECONDARY CLARIFIER	Ø 6.0 x 3.5 M
6.	CLEAR/CHLORINATION WATER TANK	5.0 x 5.0 x 3.5 M
7.	SLUDGE DRYING BEDS	5.0 x 5.0 x 1.25 M

DESIGN BASIS

PLANT CAPACITY

NO.S. OF RESIDENTIAL PLOTS PROPOSED	1500
NO.S. OF COMMERCIAL BLOCK PROPOSED	01
NO.S. OF MEMBERS IN A RESIDENCE	04
NO.S. OF PERSON IN COMMERCIAL BLOCK	65
TOTAL NO.S OF MEMBERS	1500x04+65=6065
WATER CONSUMED PER CAPITA	86 Ltrs.
TOTAL WATER CONSUMPTION	522.0M^3/DAY
WASTE WATER GENERATION IN TOTAL WATER CONSUMPTION	85 %
TOTAL WASTE GENERATION	445 M^3/DAQY

PMAY SCHEME

SEWERAGE SYSTEM & S.T.P. DETAIL

SCALE - 1:500

LEGEND

S.NO.	DESCRIPTION	SYMBOLS
1	LEVELS	
2	TREES	
3	SEWERAGE TREATMENT PLANT	S.T.P
4	SEWER LINE	
5	WASTE WATER DRAINAGE PIPE	
6	MANHOLE FOR WASTE WATER	
7	INSPECTION CHAMBER	
8	SMALL MANHOLE	
9	OVER FLOW DRAIN	

N

SELF OWNED SCHEME : MEGA GREEN CITY

PMAY SCHEME : MEGA ECO PARK

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CA-7315/82
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CAT-I-12/2004
B-340, Rajendra Nagar, Bareilly, U.P.
Ph. 0581-2558839,

आरके० जायसवाल
अधीक्षण अभियन्ता
बरेली विकास प्राधिकरण
बरेली

02/02/19
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बरेली विकास प्राधिकरण
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