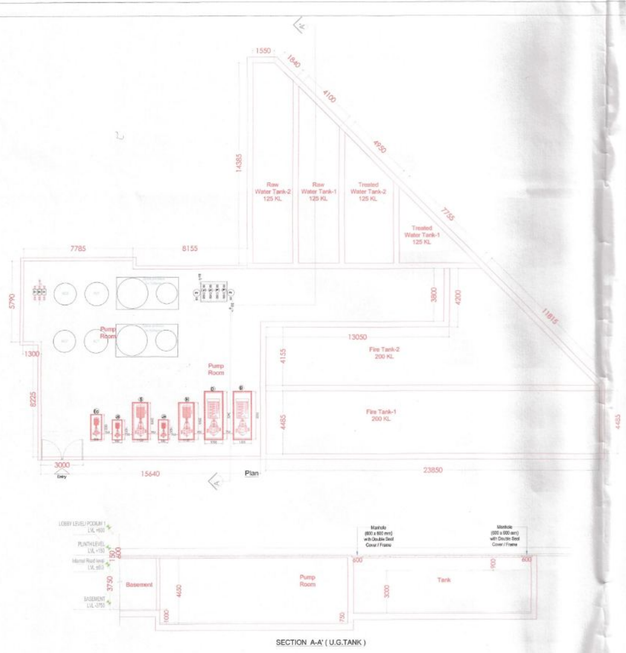
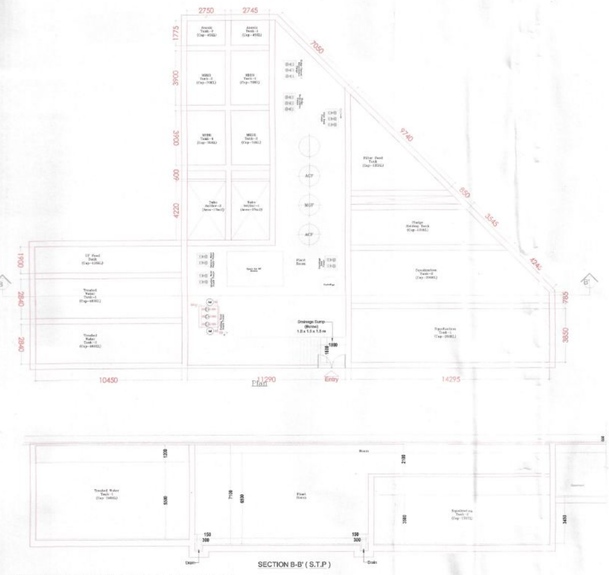


UGT PLAN & TYPICAL SECTION (FOR GROUP HOUSING)
CAPACITY - 900 KLD



STP PLAN & TYPICAL SECTION (FOR GROUP HOUSING)
CAPACITY - 1070 KLD

LEGEND :		
S. No.	SYMBOL	DESCRIPTION
1.	M.H.	MANHOLE FOR SEWER LINE
2.		SEWER LINE
3.		EXCESS RECYCLE WATER LINE
4.	C.P.	CATCH PIT FOR SURFACE WATER LINE
5.	M.H.	MANHOLE FOR STORM WATER LINE
6.		SURFACE WATER LINE
7.		STORM WATER LINE
8.		RAIN WATER HARVESTING PIT
9.		BASEMENT RETAINING WALL
10.		RISING MAIN LINE (FROM T/W TO U.G.T.)
11.		MUNICIPAL WATER SUPPLY PIPE LINE
12.		RECYCLED WATER SUPPLY LINE FOR FLUSHING & HORTICULTURE
13.		RECYCLED WATER SUPPLY LINE FOR FLUSHING
14.		DOMESTIC WATER SUPPLY LINE
15.		PROPOSED TUBE WELL
16.	GH	GARDEN HYDRANT
17.		BASEMENT RETAINING WALL
18.		FIRE LINE
19.	YH	YARD HYDRANT 63 M.M. DIA. SINGLE HEADED HYDRANT VALVE WITH 2 NOS. 15 M. LONG, 63 M.M. DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE
20.		4 WAY FIRE BRIGADE INLET CONNECTION
21.		BUTTERFLY VALVE
22.		NONRETURN VALVE (CHECK VALVE)
23.		ISOLATING VALVE WITH MASONARY CHAMBER

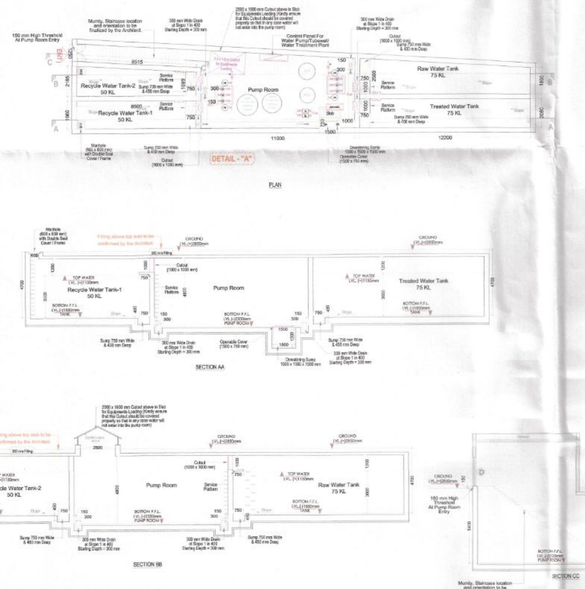
PROJECT

PROPOSED 6 NOS. OF B+G+P+28 STORIED RESIDENTIAL COMPLEX AND 153. NOS. OF G+2 ROW HOUSING FOR DTC PROJECTS PVT . LTD., AT DAG NO. 833 AND 884 AT MOUZA - KAMDUNI (188), UNDER KIRTIPUR-II GRAM PANCHAYAT, P.O - KAMDUNI, DISTRICT NORTH 24 PARGANAS, PIN - 700135, WEST BENGAL.

NOTES:

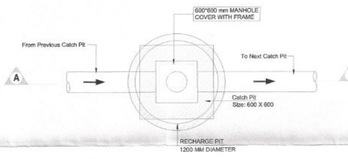
- ALL DIMENSIONS ARE IN MM UNLESS IT IS MENTIONED.
- THE RAIN WATER AND SITE WATER DISPOSAL IS COLLECTED FOR RAIN WATER HARVESTING.
- ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
- FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
- ALL TOILETS ARE VENTILATED AS PER WEST BENGAL MUNICIPAL BUILDING RULES, 2007
- BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT I.S. CODES FOR EARTHQUAKE RESISTANCE.
- PLEASE NOTE THAT THE DIMENSIONS IN THE DRAWINGS ARE TO BE READ, NOT MEASURED.

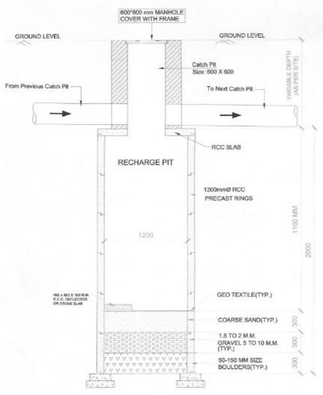
MASTER PLAN



UGT PLAN & TYPICAL SECTION (FOR ROW HOUSING)
CAPACITY - 250 KLD

Recharge Pit Size
(Dia) = 1200 mm
Effective Depth (D) = 2000 mm





RAIN WATER HARVESTING PIT TYPICAL DETAIL

NOTE:

TOTAL NO. OF RECHARGE PITS = 44

LANDUSE AREA STATEMENT		
ENTITIES	AREA (IN Sq.M)	PERCENTAGE
SITE AREA	76747.86	100%
GROUND COVERAGE	28504.33	37.14%
EXCLUSIVE GREEN	15349.57	20%
SERVICES	632.57	0.82%
ROAD	18415.22	24%
PAVED	13015.47	16.96%
WATER BODY AREA	830.70	1.08%

NOTE:

TOTAL POWER LOAD IN PHASE-2 (GH & RH) IS 6510 KW.
REQUIRED/CONSIDERED 1 % SOLAR LOAD IN PHASE-2 IS 65 KW.
PROVISION OF SOLAR PANEL IS IN TOWER-1,2,5,
EACH TOWER SOLAR PANEL CAPACITY IS 15 KW. & 20 KW FOR TOWER-6.

The structural analysis reports & soil reports are kept for reference in this office. The clearence is accorded subject to certificate of architect Str. Engineer, Geo.-Tech Engineer.

14/01/26
District Engineer
(N) 24 Parganas Zilla Parishad

13/1/26
AE

WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON THIS PREMISES HAVE BEEN SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

JITENDRA LAL
M.Tech (Geotech. Eng. Private Univ. Sydney)
Membership No:- G.T/1/32
22/RJSON/2003
HMC Reg. No:- G.T/1/16-17
CLASS-1/15

GEO TECHNICAL ENGINEER

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING.
ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

ANKIT AGARWALA
B.E. (CIVIL), M.E (STRU.)
G. ENG, M.I.STRUCT. E. (LONDON)
Membership No.-0785925
KMC EMPANELLED STRUCTURAL ENGINEER,
CLASS-1, E.S.E. 1 / 172
06/06/25

SIGNATURE OF STRUCTURAL ENGINEER & SEAL
CIVIL AND STRUCTURAL CONSULTANT:
M.N.Consultants (Pvt). Ltd.
ISO 9001:2008 CERTIFIED
" M.N.C. HOUSE "
1516,Rajdanga Main Road
Kolkata-700 107.
Ph.no.-(033)4016-5700
FAX NO. 2441-8083
E-MAIL:mncongl2008@gmail.com

CERTIFIED THAT I HAVE GONE THROUGH THE WEST BENGAL MUNICIPAL BUILDING RULES 2009 AS AMMENDED TIME TO TIME AND ALSO UNDER TAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF BUILDING

DTC PROJECTS PVT. LTD.
6/6/25
Authorised Signatory

SIGNATURE OF OWNER & SEAL
DTC PROJECTS PVT. LTD.
ADDRESS : 1 N.S ROAD, KOLKATA-700001

I CERTIFY THAT THE BUILDING HAS BEEN DRAWN UP AS PER PROVISION OF WEST BENGAL MUNICIPAL BUILDING RULES 2009 AS AMMENDED TIME TO TIME AND AS PER THE SITE CONDITION WHERE IN. THE PLOT IS BOUNDED BY BOUNDARY WALLS AND PILLLARS AND IT CONFIRMS WITH THE PLAN IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

03/06/25
MORPHOGENESIS Ph: 011-41828070

KETAN HINGANIKAR
CA/2006/37536

SIGNATURE OF ARCHITECT & SEAL

ARCHITECT
morphogenesis
Plot No. 41, Industrial Estate, Okhla Phase-III, New Delhi 110020, India
TEL: +91 11 41828070
FAX: +91 11 26490351
EMail: studio@morphogenesis.org

SCALE: 1:400
DATE:03.06.2025
TITLE: EXTERNAL SERVICES LAYOUT
NORTH
DWG NO. A-GH-001