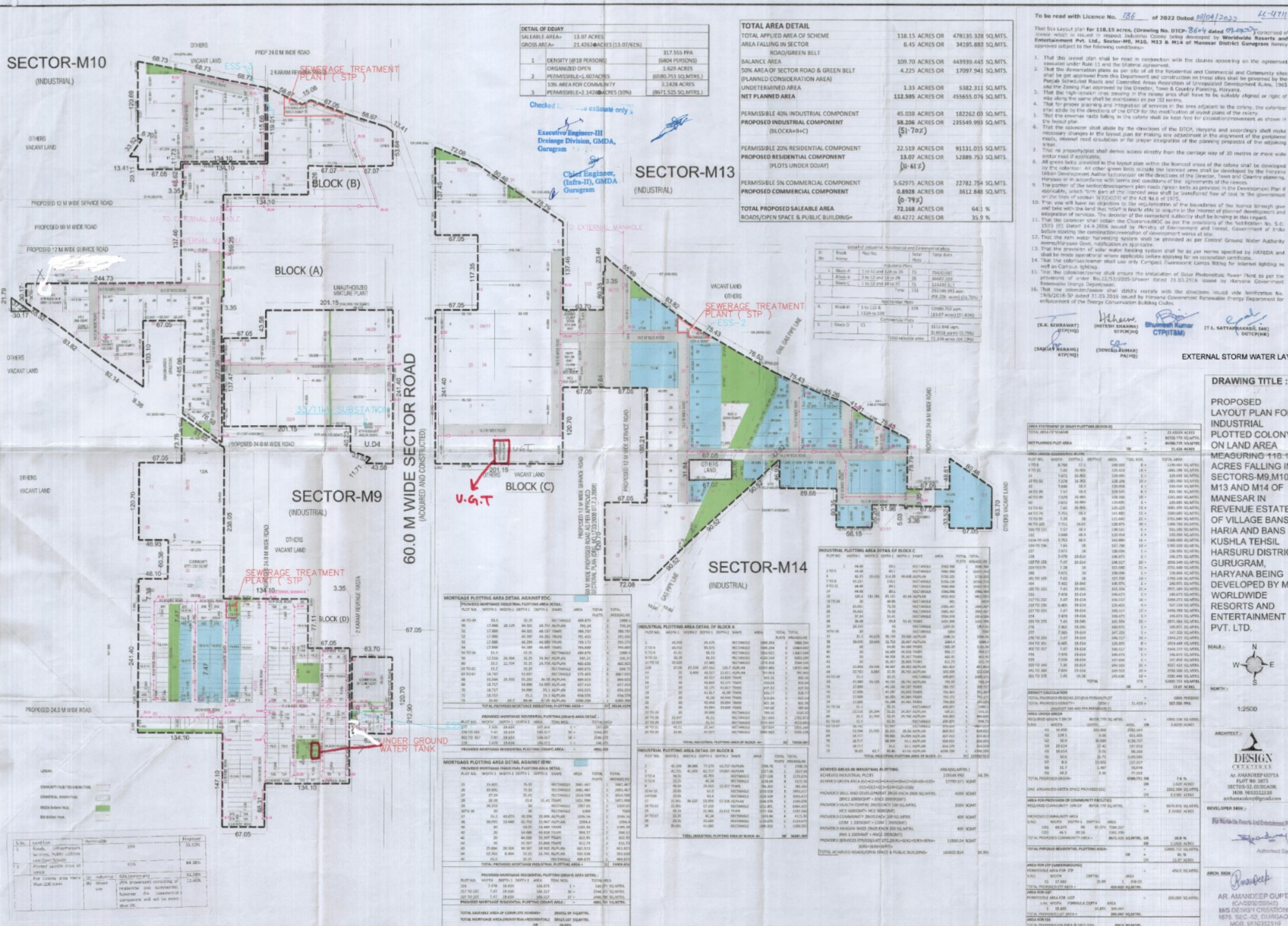


PROJECT : MANESAR INDUSTRIAL PLOTTED COLONY-I									
TITLE : STORM WATER DRAINAGE - HYDRAULIC DESIGN									
S.No	Line No.	Length in m	Pipe Dia in mm	Slope in 100	Flow in cumec	Velocity in m/sec	Full Depth in m	Full Level at Start	Full Level at End
BLOCK-B DOJAY									
1	R-01	10.0	750	400	450	100.840	89.440		
2	R-02	10.0	750	400	450	100.840	89.440		
3	R-03	10.0	750	400	450	100.840	89.440		
4	R-04	10.0	750	400	450	100.840	89.440		
5	R-05	10.0	750	400	450	100.840	89.440		
6	R-06	10.0	750	400	450	100.840	89.440		
7	R-07	10.0	750	400	450	100.840	89.440		
8	R-08	10.0	750	400	450	100.840	89.440		
9	R-09	10.0	750	400	450	100.840	89.440		
10	R-10	10.0	750	400	450	100.840	89.440		
11	R-11	10.0	750	400	450	100.840	89.440		
12	R-12	10.0	750	400	450	100.840	89.440		
13	R-13	10.0	750	400	450	100.840	89.440		
14	R-14	10.0	750	400	450	100.840	89.440		
15	R-15	10.0	750	400	450	100.840	89.440		
16	R-16	10.0	750	400	450	100.840	89.440		
17	R-17	10.0	750	400	450	100.840	89.440		
18	R-18	10.0	750	400	450	100.840	89.440		
19	R-19	10.0	750	400	450	100.840	89.440		
20	R-20	10.0	750	400	450	100.840	89.440		
21	R-21	10.0	750	400	450	100.840	89.440		
22	R-22	10.0	750	400	450	100.840	89.440		
23	R-23	10.0	750	400	450	100.840	89.440		
24	R-24	10.0	750	400	450	100.840	89.440		
25	R-25	10.0	750	400	450	100.840	89.440		

PROJECT : MANESAR INDUSTRIAL PLOTTED COLONY-I									
TITLE : STORM WATER DRAINAGE - HYDRAULIC DESIGN									
S.No	Line No.	Length in m	Pipe Dia in mm	Slope in 100	Flow in cumec	Velocity in m/sec	Full Depth in m	Full Level at Start	Full Level at End
BLOCK-A & B INDUSTRIAL PLOTTED									
1	R-01	10.0	750	400	450	100.840	89.440		
2	R-02	10.0	750	400	450	100.840	89.440		
3	R-03	10.0	750	400	450	100.840	89.440		
4	R-04	10.0	750	400	450	100.840	89.440		
5	R-05	10.0	750	400	450	100.840	89.440		
6	R-06	10.0	750	400	450	100.840	89.440		
7	R-07	10.0	750	400	450	100.840	89.440		
8	R-08	10.0	750	400	450	100.840	89.440		
9	R-09	10.0	750	400	450	100.840	89.440		
10	R-10	10.0	750	400	450	100.840	89.440		
11	R-11	10.0	750	400	450	100.840	89.440		
12	R-12	10.0	750	400	450	100.840	89.440		
13	R-13	10.0	750	400	450	100.840	89.440		
14	R-14	10.0	750	400	450	100.840	89.440		
15	R-15	10.0	750	400	450	100.840	89.440		
16	R-16	10.0	750	400	450	100.840	89.440		
17	R-17	10.0	750	400	450	100.840	89.440		
18	R-18	10.0	750	400	450	100.840	89.440		
19	R-19	10.0	750	400	450	100.840	89.440		
20	R-20	10.0	750	400	450	100.840	89.440		
21	R-21	10.0	750	400	450	100.840	89.440		
22	R-22	10.0	750	400	450	100.840	89.440		
23	R-23	10.0	750	400	450	100.840	89.440		
24	R-24	10.0	750	400	450	100.840	89.440		
25	R-25	10.0	750	400	450	100.840	89.440		

PROJECT : MANESAR INDUSTRIAL PLOTTED COLONY-I									
TITLE : STORM WATER DRAINAGE - HYDRAULIC DESIGN									
S.No	Line No.	Length in m	Pipe Dia in mm	Slope in 100	Flow in cumec	Velocity in m/sec	Full Depth in m	Full Level at Start	Full Level at End
BLOCK-C INDUSTRIAL PLOTTED									
1	R-01	10.0	750	400	450	100.840	89.440		
2	R-02	10.0	750	400	450	100.840	89.440		
3	R-03	10.0	750	400	450	100.840	89.440		
4	R-04	10.0	750	400	450	100.840	89.440		
5	R-05	10.0	750	400	450	100.840	89.440		
6	R-06	10.0	750	400	450	100.840	89.440		
7	R-07	10.0	750	400	450	100.840	89.440		
8	R-08	10.0	750	400	450	100.840	89.440		
9	R-09	10.0	750	400	450	100.840	89.440		
10	R-10	10.0	750	400	450	100.840	89.440		
11	R-11	10.0	750	400	450	100.840	89.440		
12	R-12	10.0	750	400	450	100.840	89.440		
13	R-13	10.0	750	400	450	100.840	89.440		
14	R-14	10.0	750	400	450	100.840	89.440		
15	R-15	10.0	750	400	450	100.840	89.440		
16	R-16	10.0	750	400	450	100.840	89.440		
17	R-17	10.0	750	400	450	100.840	89.440		
18	R-18	10.0	750	400	450	100.840	89.440		
19	R-19	10.0	750	400	450	100.840	89.440		
20	R-20	10.0	750	400	450	100.840	89.440		
21	R-21	10.0	750	400	450	100.840	89.440		
22	R-22	10.0	750	400	450	100.840	89.440		
23	R-23	10.0	750	400	450	100.840	89.440		
24	R-24	10.0	750	400	450	100.840	89.440		
25	R-25	10.0	750	400	450	100.840	89.440		

PROJECT : MANESAR INDUSTRIAL PLOTTED COLONY-I									
TITLE : STORM WATER DRAINAGE - HYDRAULIC DESIGN									
S.No	Line No.	Length in m	Pipe Dia in mm	Slope in 100	Flow in cumec	Velocity in m/sec	Full Depth in m	Full Level at Start	Full Level at End
BLOCK-D INDUSTRIAL PLOTTED									
1	R-01	10.0	750	400	450	100.840	89.440		
2	R-02	10.0	750	400	450	100.840	89.440		
3	R-03	10.0	750	400	450	100.840	89.440		
4	R-04	10.0	750	400	450	100.840	89.440		
5	R-05	10.0	750	400	450	100.840	89.440		
6	R-06	10.0	750	400	450	100.840	89.440		
7	R-07	10.0	750	400	450	100.840	89.440		
8	R-08	10.0	750	400	450	100.840	89.440		
9	R-09	10.0	750	400	450	100.840	89.440		
10	R-10	10.0	750	400	450	100.840	89.440		
11	R-11	10.0	750	400	450	100.840	89.440		
12	R-12	10.0	750	400	450	100.840	89.440		
13	R-13	10.0	750	400	450	100.840	89.440		
14	R-14	10.0	750	400	450	100.840	89.440		
15	R-15	10.0	750	400	450	100.840	89.440		
16	R-16	10.0	750	400	450	100.840	89.440		
17	R-17	10.0	750	400	450	100.840	89.440		
18	R-18	10.0	750	400	450	100.840	89.440		
19	R-19	10.0	750	400	450	100.840	89.440		
20	R-20	10.0	750	400	450	100.840	89.440		
21	R-21	10.0	750	400	450	100.840	89.440		
22	R-22	10.0	750	400	450	100.840	89.440		
23	R-23	10.0	750	400	450	100.840	89.440		
24	R-24	10.0	750	400	450	100.840	89.440		
25	R-25	10.0	750	400	450	100.840	89.440		



SECTOR-M10
(INDUSTRIAL)

PLUMBING LEGEND: -

	SEWER MANHOLE (9104 & ABOVE)
	SN-SEWER LINE (DING SN)

HYDRAULIC SEWER DESIGN SHEET					
S.No.	Line No.	Length	Pipe Size	Slope (1 in)	Rise from Sewer

	Flow	Th	(mm)	(mm)	(mm)	SW
	BLOCK-DIMENSIONS					
1	5-51	5-18	73.2	200.00	145.00	100
2	6-1A	5-18	43.2	200.00	145.00	100
3	6-1B	6-04	26.3	200.00	145.00	100
4	6-02	5-04	108.5	200.00	145.00	101
5	6-05	5-04	73.2	200.00	145.00	100
6	5-04	5-07	43.2	200.00	145.00	100
7	5-20	5-07	118.5	200.00	145.00	101
8	5-06	5-07	81.3	200.00	145.00	101
9	6-07	5-10	48.3	200.00	145.00	103
10	6-08	5-10	70.9	200.00	145.00	103
11	6-09	5-10	154.5	200.00	145.00	103
12	5-10	5-13	81.3	200.00	145.00	102
13	5-11	5-13	179.3	200.00	145.00	103
14	5-12	5-13	105.9	200.00	145.00	91
15	6-10	5-17	43.2	200.00	280.00	100
16	5-14	5-18	139.3	200.00	145.00	103
17	5-10	5-19	134.9	200.00	145.00	103
18	5-16	5-17	20.2	200.00	145.00	103
19	5-17	5-22	52.0	300.00	300.00	105
20	5-19	5-18	147.0	300.00	145.00	103
21	5-19	5-21	60.9	300.00	145.00	101
22	5-20	5-21	147.0	300.00	145.00	102
23	5-21	5-22	48.5	300.00	145.00	95
24	5-22	5-27	81.3	400.00	300.00	100

HYDRAULIC DESIGN SHEET NUMBER						
S.No.	Line No.	Length	Pipe Size	Stage (ft)	Flow Rate (cfs)	Run Time (min)
	From	To	(in.)	(in.)	(m³/s)	(min)
BLOCK A & B						
1	0-01	0-02	41.5	250.0	195.0	00.2
2	0-02	0-03	91.5	250.0	195.0	00.2
3	0-03	0-05	277.5	250.0	195.0	00.2
4	0-04	0-05	95.5	250.0	195.0	00.2
5	0-06	0-07	129.5	250.0	195.0	00.2
6	0-06	0-07	575.5	250.0	195.0	00.2
7	0-07	0-08	65.5	250.0	195.0	00.2
8	0-08	0-09	25.5	250.0	195.0	00.2
9	0-09	0-11	148.0	250.0	195.0	00.2
10	0-10	0-11	201.5	250.0	195.0	00.2
11	0-11	0-13	148.0	250.0	195.0	00.2
12	0-12	0-13	262.0	250.0	195.0	00.2
13	0-11	0-12	31.5	250.0	195.0	00.2
BLOCK C						
1	0-01	0-02	198.5	250.0	195.0	00.2
2	0-02	0-03	31.5	250.0	195.0	00.2
3	0-03	0-04	48.5	250.0	195.0	00.2
4	0-04	0-06	198.5	250.0	195.0	00.2
5	0-05	0-06	88.5	250.0	195.0	00.2
6	0-06	0-08	73.5	250.0	195.0	00.2
7	0-07	0-08	93.5	250.0	195.0	00.2
8	0-08	0-10	177.5	250.0	195.0	00.2
9	0-08	0-10	88.5	250.0	195.0	00.2
10	0-10	0-12	188.5	250.0	195.0	00.2
11	0-11	0-13	65.5	250.0	195.0	00.2
12	0-12	0-13	52.5	250.0	195.0	00.2
13	0-12	0-14	201.5	250.0	195.0	00.2
14	0-14	0-15	25.5	250.0	195.0	00.2

S.No.	Land Use	Agree/Disagree	Percentage
1.	Land use for infrastructure services, public utilities and Open Space	20%	33.33%
2.	Planned private park of 5000	80%	66.66%
3.	For Green area more than 200 acres	(a) Industrial (b) Mixed use	80% (percentage) 25% (percentage) consisting of residential and commercial, however the commercial component will not be more than 25%

DETAIL OF DDIAI		
SALEABLE AREA-	13.07 ACRES	
GROSS AREA-	21.4262 ACRES (13.07/65%)	
1	DENSITY (@18 PERSONS)	317.555 PPA (6804 PERSONS)
	ORGANIZED OPEN	1.629 ACRES
2	PERMISSIBLE-1.607 ACRES	60590.751 SQ.MTRS. (1)
	10% AREA FOR COMMUNITY	2.1428 ACRES
	PERMISSIBLE-2.1428 ACRES (10%)	8871.525 SQ.MTRS. (2)

TOTAL AREA DETAIL			
TOTAL APPLIED AREA OF SCHEME	118.15 ACRES OR	478135.328	SQ.MTRS
AREA FALLING IN SECTOR	8.45 ACRES OR	34195.883	SQ.MTRS
ROAD/GREEN BELT			
BALANCE AREA	109.70 ACRES OR	443939.445	SQ.MTRS
50% AREA OF SECTOR ROAD & GREEN BELT (PLANNED CONSIDERATION AREA)	4.225 ACRES OR	17097.941	SQ.MTRS
UNDETERMINED AREA	1.33 ACRES OR	5382.311	SQ.MTRS
NET PLANNED AREA	112.595 ACRES OR	455655.076	SQ.MTRS
PERMISSIBLE 40% INDUSTRIAL COMPONENT	45.038 ACRES OR	182262.03	SQ.MTRS
PROPOSED INDUSTRIAL COMPONENT (BLOCKA+B+C)	58.206 ACRES OR (51.70x)	235549.993	SQ.MTRS
PERMISSIBLE 20% RESIDENTIAL COMPONENT	22.519 ACRES OR	91131.015	SQ.MTRS
PROPOSED RESIDENTIAL COMPONENT (PLOTS UNDER DOJAY)	13.07 ACRES OR (11.61x)	52889.753	SQ.MTRS
PERMISSIBLE 5% COMMERCIAL COMPONENT	5.62975 ACRES OR	22782.754	SQ.MTRS
PROPOSED COMMERCIAL COMPONENT	0.8928 ACRES OR (0.79x)	3612.848	SQ.MTRS
TOTAL PROPOSED SALEABLE AREA	72.168 ACRES OR	64.1	%
ROAD/GREEN SPACE & PUBLIC BUILDING	40.4222 ACRES OR	35.9	%

Detail of Industrial, Residential and Commercial plots				
Sr. No.	Block Name	Plot No.	Total Area	Time Area
Industrial Plots				
1.	Block-A	1 to 32 and 124 to 129	31	726,50.00
2.	Block-B	1 to 32 and 124 to 129	30	686,00.00
3.	Block-C	1 to 32 and 124 to 127	32	12,212.5/7
		Total	93	235,44,953.00 = 58.226 acres (58.226)
Residential Plots				
4.	Block-D	1 to 112 & 112A to 320	378	53808.753 acres (13.077 acres) (13.078)
Commercial Plots				
5.	Block-D	C1	1	1612.848 acres (0.3712 acres) (0.371)

[illegible]

ACHIEVED AREAS IN INDUSTRIAL PLOTS	AREA(SQ.MTRS.)
ACHIEVED INDUSTRIAL PLOTS	17740.17 SQM
ACHIEVED OPEN AREA (412+433+454+465+476+488+510+511+512+513+514+515+516)	33736.71 SQM
PROVIDED ROAD AND DRAINAGE PLOTS (412+433+454+465+476+488+510+511+512+513+514+515+516)	6880 SQM
(DICI 2009/CMF + SOE 2009/CMF)	
PROVIDED HEALTH CENTRE (INVESTOR) 500 SQ.METERS	3000 SQM
HCS 100/CMF+ HCS 200/CMF	
PROVIDED COMMUNITY ZONES EACH 200 SQ.METERS	400 SQM
COM 1 200/CMF + COM 2 200/CMF	
PROVIDED ALGANDA WARD ZONES EACH 500 SQ.METERS	400 SQM
WZ 1 200/CMF + WZ 2 200/CMF	
PROVIDED BORDERS STREET/VEH (2) (BARKUL+GIRI+GERA+SHYAM-SHARDA+)	11810.24 SQM
TOTAL ACHIEVED ROAD/OPEN SPACE + PUBLIC BUILDING=	163632.83M

Engineer,
GMDA
m

To be read with Licence No. 136 of 2022 Dated 08/04/2022 42-4711

That this Layout plan for 118.15 acres, (Industrial) DTPC-864 dated 07-09-2021 (revised) of licence which is issued in respect of Industrial Colony being developed by Worldwide Resorts and Entertainment Pvt. Ltd., Sector-M9, M10, M13 & M14 of Manesar District Gurgaon hereby approved subject to the following conditions:-

1. That this layout plan shall be read in conjunction with the clauses appearing on the agreement executed under Rule 11 and the bilateral agreement in the form of a deed.
2. That the demarcation plans as per site of all the Residential and Commercial and Community sites shall be got approved from this Department and construction on these sites shall be governed by the National Urban Design Policy, 2004, the Urban Planning and Construction (Use) Regulations, 1965 and the Zoning Plan approved by the Government of Tamil Nadu, Chennai.
3. That the high-tension lines passing in the colony area shall have to be suitably aligned or right of way along the same shall be maintained as per 222 norms.
4. That the proper parking and integration of the bus stands in the area adjacent to the colony, the car-pooling and the proper parking and integration of the bus stands in the area adjacent to the colony, shall abide by the directions of the DTCP for the modification of layout plans of the colony.
5. That the revenue roads falling in the colony shall be kept free for circulation/movement as shown in the layout plan.
6. That the collector shall abide by the directions of the DTCP, Haryana and accordingly shall make necessary changes in the layout plan for making any expenditure in the alignment of the peripheral roads, internal road circulation or for proper integration of the planning proposals if the adjoining landowner agrees to it.
7. That no property/plot shall derive access directly from the carriage way of 30 metres or more wide sector road if applicable.
8. All green belts provided in the layout plan within the licensed areas of the colony shall be developed by the owner. All other green belts including the second area shall be developed by the Haryana Urban Development Authority/collector on the directions of the Urban Planning and Construction, Haryana or in accordance with terms and conditions of the agreements of the licensee.
9. The portion of the sector/development plan roads (green belts as provided in the Development Plan) shall remain, which are not to be used for any other purpose, shall be transferred free of cost, to the government on the lines of section 303(A)(1)(b) of the Act No. 8 of 1975.
10. That you will have no objection to the regularisation of the boundaries of the licence holder under the provisions of the Act No. 8 of 1975. It is hereby also to be noted in the interest of planned development and integration of services.
11. That the collector shall obtain the Clearance/NOC as per the provisions of the Notification No. 5/1553 (1) dated 14.9.2006 issued by Ministry of Environment and Forest, Government of India for the purpose of the proposed layout plan. The layout plan shall be binding on the relevant authority.
12. That the rain water harvesting system shall be provided as per Central Ground Water Authority norms/Haryana Govt. notification as applicable.
13. That the provision of solar water heating system shall be as per norms specified by HAREDA and shall be made operative within the specified time period as mentioned in the certificate.
14. That the collector/owner shall use only Compact Fluorescent Lamps (CFL) for internal lighting as well as Campus lighting.
15. That the collector/owner shall ensure the installation of Solar Photovoltaic Power Plant as per the provisions of order No.22/52/2005-57 dated 21.03.2016 issued by Haryana Government Renewable Energy Department.
16. That the collector/owner shall strictly comply with the directions issued vide Notification No. 22/52/2005-57 dated 21.03.2016 issued by Haryana Government Renewable Energy Department for enforcement of the Energy Conservation Act, 2001.

(S.K. SEHRAWAT)
DTP(HQ)

(Hitesh Sharma)
STP(M)HQ

(Dinesh Kumar)
CTP(IT&M)

(T.L. SATYANARAYAN, IAS)
DOTCP(HR)

(SARAJIT NARANG)
ATP(HQ)

(DINESH KUMAR)
PA(HQ)

EXTERNAL POWER LANE

EXTERNAL SEWER LAY

DRAWING TITLE

PROPOSED
LAYOUT PLAN FOR
INDUSTRIAL
PLOTTED COLONY
ON LAND AREA
MEASURING 116.6
ACRES FALLING IN
SECTORS-M9,M10,
M13 AND M14 OF
MANESAR IN
REVENUE ESTATE
OF VILLAGE BAN
HARIA AND BAN
KUSHLA TEHSIL
HARSUR DISTRICT
GURUGRAM,
HARYANA BEING
DEVELOPED BY M
WORLDWIDE
RESORTS AND
ENTERTAINMENT
PVT. LTD.

SCALE: 

NORTH 

1:2500

ARCHITECT 
DESIGN
CREATIONS
Ar. AMANDEEP GUPTA
PLOT NO. 1875
SECTOR-52, GURGAON,
MOB: 9812352518
archmandeep@gmail.com

For Worldwide Records And Entertainment
[Signature]
 Authorized Signatory

ARCH. SIGN *[Signature]*
 AR. AMANDEEP GUPTA
 (CA200026940)
 MS DESIGN CREATOR
 1875, SEC -52, GURGA
 MCB, 8810352516

