

24 M WIDE ROAD

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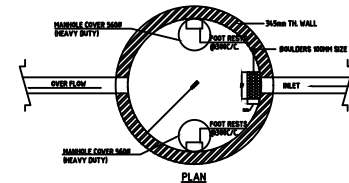
DRAINAGE SITE LAYOUT PLAN

24 M WIDE ROAD

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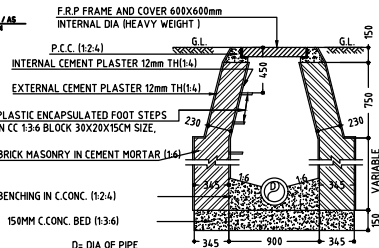
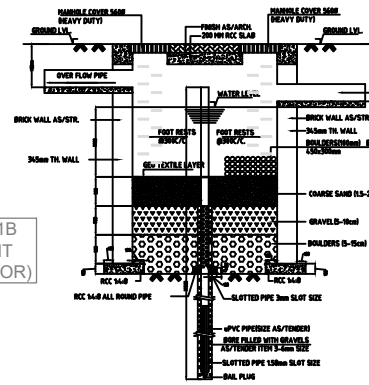
24 M WIDE ROAD

DRAINAGE SITE LAYOUT PLAN



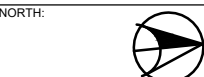
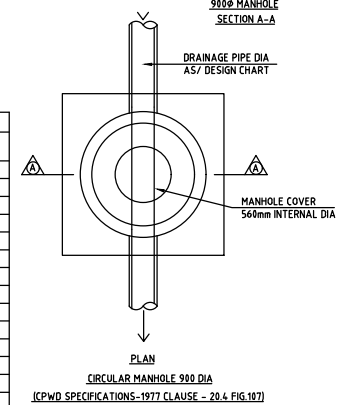
S.No	DRAINAGE LEGEND	SYMBOL
1.	DRAINAGE MANHOLE	MD
2.	RECHARGE WELL	RW
3.	DISILTING CHAMBER	DC
4.	DRAINAGE LINE	DL

SIZE OF MANHOLE WITH REFERENCE TO DEPTH	
DEPTH	SIZE OF M.H.
0.9m TO 1.65m	900mm DIA
1.66m TO 2.30m	1200mm DIA
2.31m TO 3.0m	1500mm DIA
* SIZE OF MANHOLE SHALL BE WITH RESPECT TO DEPTH *	



TYPICAL DETAIL 300 M DIA HARVESTING DETAILS

DESIGN OF DRAINAGE SYSTEM											
S.No.	Line No.	Length	Pipe Dia	Slope (1 in mm)	Ground Level(m)		Invert Level(m)		Depth(m)		
	From	To			Start	End	Start	End	Start	End	
1.	D1	D2	16.0	200	200	0.000	0.000	-1.000	-1.080	1.000	1.080
2.	D2	D3	21.0	200	200	0.000	0.000	-1.080	-1.185	1.080	1.185
3.	D3	D4	30.0	200	200	0.000	0.000	-1.185	-1.335	1.185	1.335
4.	D4	D5	18.0	200	200	0.000	0.000	-1.335	-1.425	1.335	1.425
5.	D5	D6	25.0	250	250	0.000	0.000	-1.425	-1.525	1.425	1.525
6.	D6	RWH-1	30.0	300	300	0.000	0.000	-1.525	-1.625	1.525	1.625
7.	RWH-1	D7	26.0	300	300	0.000	0.000	-1.000	-1.087	1.000	1.087
8.	D7	D8	23.0	300	300	0.000	0.000	-1.087	-1.163	1.087	1.163
9.	D8	RWH-2	20.0	450	450	0.000	0.000	-1.163	-1.208	1.163	1.208
10.	RWH-2	D16	20.0	450	450	0.000	0.000	-1.000	-1.044	1.000	1.044
11.	D16	RWH-3	20.0	450	450	0.000	0.000	-1.044	-1.089	1.044	1.089
12.	D9	D10	30.0	200	200	0.000	0.000	-1.000	-1.150	1.000	1.150
13.	D10	D11	15.0	200	200	0.000	0.000	-1.150	-1.225	1.150	1.225
14.	D11	D12	12.0	200	200	0.000	0.000	-1.225	-1.285	1.225	1.285
15.	D12	D13	26.0	200	200	0.000	0.000	-1.285	-1.415	1.285	1.415
16.	D13	D14	30.0	250	250	0.000	0.000	-1.415	-1.535	1.415	1.535
17.	D14	D15	30.0	300	300	0.000	0.000	-1.535	-1.635	1.535	1.635
18.	D15	RWH-3	10.0	300	300	0.000	0.000	-1.635	-1.668	1.635	1.668
19.	RWH-3	O FLOW	10.0	450	450	0.000	0.000	-1.000	-1.022	1.000	1.022



SUBMISSION DRAWING	
PROJECT :	
GROUP HOUSING AT PLOT NO : 3/SP-06, SECTOR -03, SIDDHARTH VIHAR, GHAZIABAD	
CLIENT :	
ADARSH SEHKARI AWAS SAMITI LIMITED	
DEVELOPER :	
TANDT HOME DEVELOPER PVT. LTD.	
SHEET TITLE :	
DRAINAGE SITE LAYOUT PLAN	
DATE :	DRG.NO :
14-07-2022	PKV-PL-02
SCALE :	NORTH :
A1@=NTS	
OWNER'S SIGN	ARCHITECT'S SIGN

ARCHITECTS

NEOCLASSICO

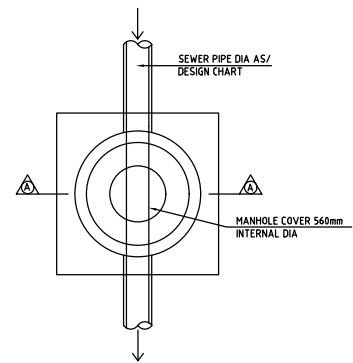
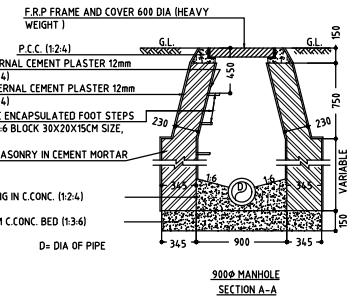
ARCHITECTURE PLANNING INTERIOR LANDSCAPE

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EMAIL ID : neoclassico2020@gmail.com
Contact No : 8447741022

PLUMBING CONSULTANT

PKV CONSULTING ENGINEERS(P)LTD.

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TELEFAX-011-22816297
E-mail:-pranod@pkv.co.in
nrcona@gmail.com



Sno.	SEWERAGE LEGEND	SYMBOL
1.	SEWER MANHOLE	
2.	GULLY TRAP	
3.	SEWERAGE LINE	

SIZE OF MANHOLE WITH REFERENCE TO DEPTH	
DEPTH	SIZE OF M.H.
0.91m TO 1.65m	900mm DIA
1.66m TO 2.30m	1200mm DIA
2.31m TO 9.0m	1500mm DIA

× SIZE OF MANHOLE SHALL BE WITH
RESPECT TO DEPTH ×

S.NO.	Line		Length	Pipe Size(mm)	Slope (1in mm)	Ground Level(m)		Invert Level(m)		Depth(m)	
	From	To				Start	End	Start	End	Start	End
1	S1	S2	14.0	200	145	0.000	0.000	-1.000	-1.097	1.000	1.097
2	S2	S3	27.0	200	145	0.000	0.000	-1.097	-1.283	1.097	1.283
3	S3	S4	28.0	200	145	0.000	0.000	-1.283	-1.476	1.283	1.476
4	S4	S5	21.0	200	145	0.000	0.000	-1.476	-1.621	1.476	1.621
5	S5	S6	15.0	200	145	0.000	0.000	-1.621	-1.724	1.621	1.724
6	S6	S7	29.0	200	145	0.000	0.000	-1.724	-1.924	1.724	1.924
7	S7	S8	25.0	200	145	0.000	0.000	-1.924	-2.097	1.924	2.097
8	S8	S9	18.0	200	145	0.000	0.000	-2.097	-2.221	2.097	2.221
9	S9	S10	34.0	200	145	0.000	0.000	-2.221	-2.455	2.221	2.455
10	S10	S11	19.0	200	145	0.000	0.000	-2.455	-2.586	2.455	2.586
11	S12	S13	30.0	200	145	0.000	0.000	-1.000	-1.207	1.000	1.207
12	S13	S14	10.0	200	145	0.000	0.000	-1.207	-1.276	1.207	1.276
13	S14	S15	22.0	200	145	0.000	0.000	-1.276	-1.428	1.276	1.428
14	S15	S16	12.0	200	145	0.000	0.000	-1.428	-1.510	1.428	1.510
15	S16	S17	11.0	200	145	0.000	0.000	-1.510	-1.586	1.510	1.586
16	S17	S18	32.0	200	145	0.000	0.000	-1.586	-1.807	1.586	1.807
17	S18	S19	31.0	200	145	0.000	0.000	-1.807	-2.021	1.807	2.021
18	S19	S11	16.0	200	145	0.000	0.000	-2.021	-2.131	2.021	2.131
19	S11	S.T.P	5.0	200	145	0.000	0.000	-2.586	-2.621	2.586	2.621

NORTH:



SUBMISSION DRAWING

PROJECT :

GROUP HOUSING AT PLOT NO : 3/SP-06,
SECTOR -03 ,SIDDHARTH VIHAR, GHAZIABAD

CLIENT :

ADARSH SEHKARI AWAS SAMITI LIMITED

DEVELOPER :

TANDT HOME DEVELOPER PVT. LTD.

SHEET TITLE :

SEWERAGE SITE LAYOUT PLAN

DATE : _____

DATE:	14-07-2022	EVENT:	PKV-PL-01
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SCALE :

A1@=NTS	
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OWNER

	1980	1985	1990	1995	2000	2005	2010	2015	2020
Population	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0
GDP	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Government expenditure	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Private consumption	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Investment	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Savings	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Exports	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Imports	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Fiscal balance	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Current account balance	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Capital account balance	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Trade balance	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Balance of payments	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net foreign assets	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Public debt	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Private debt	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Total debt	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net international reserves	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Foreign direct investment	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Official development assistance	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Remittances	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Foreign aid	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net capital flows	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net financial flows	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net current transfers	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from abroad	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net primary income	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net secondary income	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net tertiary income	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net quaternary income	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from investments	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from services	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from goods	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from taxes	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from social security	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from other sources	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from government	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from private sector	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Net income from non-residents	100.0	110.0	120.0	130					

	1980	1985	1990	1995	2000	2005	2010	2015	2020
Population	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0
GDP per capita	100	100	100	100	100	100	100	100	100
Urban population	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
Rural population	90.0	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0
Life expectancy at birth	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0
Fertility rate	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
Mortality rate	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0
Health expenditure	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
Government expenditure	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Private expenditure	0.3	0.7	1.1	1.5	1.9	2.3	2.7	3.1	3.5
Health workers	100	100	100	100	100	100	100	100	100
Hospital beds	100	100	100	100	100	100	100	100	100
Drugs consumption	100	100	100	100	100	100	100	100	100
Health equity	100	100	100	100	100	100	100	100	100
Health system efficiency	100	100	100	100	100	100	100	100	100
Health financing	100	100	100	100	100	100	100	100	100
Health governance	100	100	100	100	100	100	100	100	100
Health innovation	100	100	100	100	100	100	100	100	100
Health research	100	100	100	100	100	100	100	100	100
Health education	100	100	100	100	100	100	100	100	100
Health communication	100	100	100	100	100	100	100	100	100
Health policy	100	100	100	100	100	100	100	100	100
Health legislation	100	100	100	100	100	100	100	100	100
Health regulation	100	100	100	100	100	100	100	100	100
Health supervision	100	100	100	100	100	100	100	100	100
Health monitoring	100	100	100	100	100	100	100	100	100
Health evaluation	100	100	100	100	100	100	100	100	100
Health improvement	100	100	100	100	100	100	100	100	100
Health reform	100	100	100	100	100	100	100	100	100
Health development	100	100	100	100	100	100	100	100	100
Health progress	100	100	100	100	100	100	100	100	100
Health achievement	100	100	100	100	100	100	100	100	100
Health success	100	100	100	100	100	100	100	100	100
Health outcome	100	100	100	100	100	100	100	100	100
Health impact	100	100	100	100	100	100	100	100	100
Health benefit	100	100	100	100	100	100	100	100	100
Health value	100	100	100	100	100	100	100	100	100
Health quality	100	100	100	100	100	100	100	100	100
Health safety	100	100	100	100	100	100	100	100	100
Health security	100	100	100	100	100	100	100	100	100
Health risk	100	100	100	100	100	100	100	100	100
Health threat	100	100	100	100	100	100	100	100	100
Health hazard	100	100	100	100	100	100	100	100	100
Health danger	100	100	100	100	100	100	100	100	100
Health peril	100	100	100	100	100	100	100	100	100
Health jeopardy	100	100	100	100	100	100	100	100	100
Health predicament	100	100	1						

ARCHITECTS

NEOCLASSICO

 ARCHITECTURE PLANNING INTERIOR LANDSCAPE

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