

DRAINAGE SYSTEM		LEG	END	:		
CATCHPIT SHALL BE AS UNDER (INNER SIZES)		S. No.	SY	MBOL	DESCRIPTION	
60 m.m. depth 910 m.m. dia.		1.	M.H.	0	MANHOLE	
150 m.m. depth 1220 m.m. dia. 50 m.m. depth 1520 m.m. dia.		2.			SEWER LINE	
drainage lines has been worked out on the basis of certain ground level and		3.	C.P.		CATCH PIT	
pe lengths between two catchpits. the invert levels has to be strictly followed. slope of line may be slightly changed.	$\left \right $	4.		0	UNDER GROUND PIPE DRAIN	
ripency / ommission the matter should refer to the consultants before		5.			DOMESTIC WATER SUPPLY LINE	
ll be provided at following places :- art of each drain line.		6.			RISING MAIN LINE (FROM T/W TO U.G.T.)	
junction and position where there is change of size, GRADIENT AND nt.		7.			MUNICIPAL WATER SUPPLY LINE.	
ore than 15 meter interval in straight length. al design of catchpit / pipe bedding has to be done for local field conditions		8.			RECYCLED WATER SUPPLY PIPE LINE FOR FLUSHING	
up soil / black cotton soil / high sub soil conditions.		9.	6	о̀ GH	& HORTICULTURE GARDEN HYDRANT	
shall be read along with the detailed landscape plan & ground floor plan of uilding for exact location of appurtenances / catchpit etc.		10.		•	PROPOSED TUBE WELL	
under the road shall be encased with 150 thick, pcc 1:2:4 allround. er should be finished with finished formation level as per landscape		11.		XXXXXXX////	RAIN WATER HARVESTING	
cover of catch pit shall be square as per appurtenances drawing & should ed with landscape drawing.		12.			BASEMENT RETAINING WALL	
shall be coordinated with other drawing i.e. architecture, structural, adscape & other relevant drawing.		12.				
pe :- RCC (NP 2) Pipe with rubber ring joint subject to subsidence or filled up soil (due to exces excavation at site for						
of basements) the drain lines & catchpit should be laid on suitable support or the supported on piles or suitable foundation as per structural design.		14.				
e drain are laid in high subsoil conditions catchpits should be constructed in n-25.		NOT	ES :	WATER	SUPPLY	
trench for sewer and drainage should be d+ 400mm. (d= o.d. of pipe). bering should be adequate to prevent caving-in of the			•		ter supply main shall be -1000 mm	
of subsidence of areas adjacent to the trench. an engineer-in-charge in with a structural engineer should provide adequate arrangement to prevent		3. The	depth of	f rising main s		
g up the execution, the feasibility of connection of drain with the outside				al for external DPE (PE100)	water supply - recycle / tube well rising main / municipal line PN8	
y please be checked. any discrepancy may be reported to the consultant.	/	NOT	ES :	SEWF	RAGE SYSTEM	
					SHALL BE AS UNDER (INNER SIZES)	
2		a) l	Jpto 900	m.m. depth	600 x 600 m.m.	
Q.M. 100.00 = 0.00		, ,		50 m.m. depti 250 m.m. dep		
L				50 m.m. dept		
		cer	tain pipe	lengths betwe	has been worked out on the basis of certain ground level and for een two manholes. the invert levels has to be strictly followed.	
		hov	vever, the	e slope of line	e may be slightly changed. mission the matter should refer to the consultants before	
		exe	ecution.			
				all be provide start of each s	d at following places :- sewer line.	
		b)			d position where there is change of size, gradient and alignment.	
		5. Wh	ere the c	liameter of pip	meter interval in straight length. pe is increased the crown of the pipe shall be fixed at the y slope shall be given in the invert of the manhole chamber.	
		6. The	e structur	al design of n	nanholes / pipe bedding has to be done for local field	
					up soil / black cotton soil / high sub soil conditions. d along with the detailed landscape plan & ground floor plan of	
I DUNDARY				· ·	act location of appurtenances / man holes etc. d shall be encased with 150 thick, pcc 1:2:4 allround.	
		9. Ma	nhole c	over should b	e finished with finished formation level as per landscape nhole shall be square as per appurtenances drawing & should	
E RUN AT		be	co-ordina	ated with land	scape drawing. prdinated with other drawing i.e. architecture, structural,	
			ctrical, la	indscape & ot	ther relevant drawing. RCC (NP 2) Pipe with rubber ring joint	
		12. In th	he areas	subject to sul	bsidence or filled up soil (due to exces excavation at site for is) the sewer lines & manhole should be laid on suitable support	
		or c	concrete	cradle suppor	rted on piles or suitable foundation as per structural design.	
		con	structed	in r.c.c. garde		
					ewer and drainage should be d+ 400mm. (d= o.d. of pipe). d be adequate to prevent caving-in of the	
1		trer	nch walls	of subsidenc	e of areas adjacent to the trench. an engineer-in-charge in ural engineer should provide adequate arrangement to prevent	
Q.M.		cav	ing-in.			
		R0		21-09-20 ⁷	16 ISSUED AS G.F.C	
		Rev.	No.	Date	Revision	
E RUN AT		Proje	ect :			
E KUN A I		-		OSED	SAMAJWADI AWASIYA YOJNA	
		L AT	KOY	AL ENC	LAVE, GHAZIABAD	
		Title	:			
		L/	AYO	UT PL	AN (GH-11&12)	
		Subt	itlo :			
					CO-ORDINATION PLAN	
		Drawing Released For :				
			AP	PROVAL	- TENDER	
			AD	VANCE	COPY CONSTRUCTION	
		Drg.	No :	SWAY /	FS - 04	
			e :		Drawn By :	
			-	1 : 350	Amit Kamboj	
		Date	:	Sep. 20′	15 Design By : Nitesh Kumar	
		Ckd	By :		Anand Havelia	
		Arch	itects	. :		
		AN	IB C	ONSU		
				-	R KASMANDA REGENT APARTMENTS -2 / -226001 PH. NO. (0522) 2238854	
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