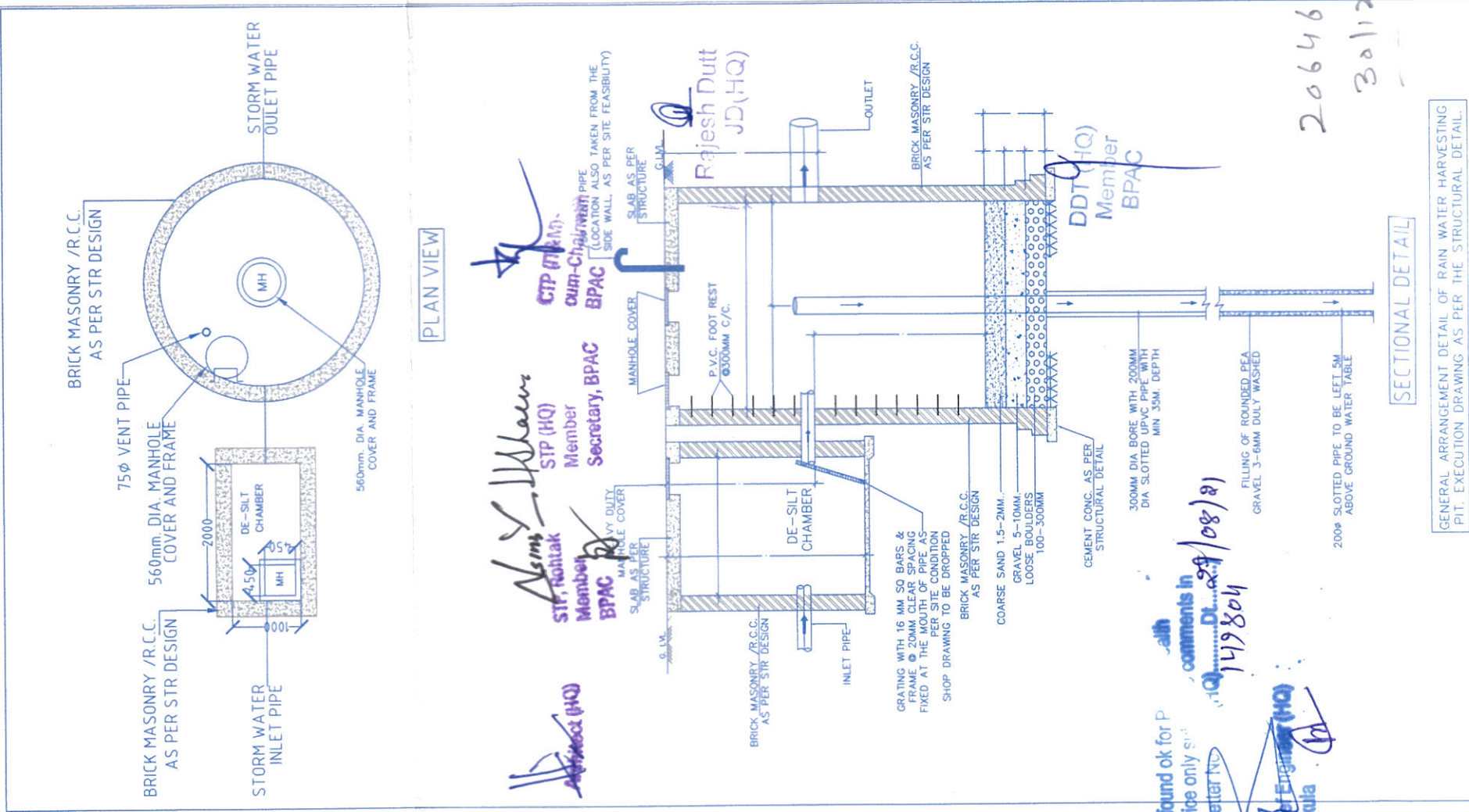


RAIN WATER HARVESTING P/T/ RUNOFF CALCULATION					REM/REKS
S.No	PARTICULAR	AREA	UNIT		
A)	Total Area	72924.0	Sqm		
		42.7	Acres		
	Terrace Area	65342	Sqm		
	Max Rainfall (I)	50	MM/Hr		
	Coefficient of Runoff (C)	0.85			
a.	Terrace Area of Block-A (New Large-Greenery)	2294	Sqm		
	Max Rainfall As Per Rainfall Intensity (Q=C×I×A)	51794	Cum in Hour		
b.	Terrace Area of Block-B	16519	Sqm		
	Discharge As Per Rainfall Intensity (Q=C×I×A)	702	Cum in Hour		
c.	Terrace Area of Block-C	21959	Sqm		
	Discharge As Per Rainfall Intensity (Q=C×I×A)	932	Cum in Hour		
	Discharge As Per Rainfall Intensity (Q=C×I×A)	3835	Cum in Hour		
	Hardscape Area (Road/Paved Area)	56794	Sqm		
	Max Rainfall (I)	50	MM/Hr		
	Coefficient of Runoff (C)	0.05			
3.	Green Area	25834	Sqm		
	Discharge As Per Rainfall Intensity (Q=C×I×A)	1703	Cum in Hour		
	Max Rainfall (I)	50	MM/Hr		
	Coefficient of Runoff (C)	0.15			
	Discharge As Per Rainfall Intensity (Q=C×I×A)	194	Cum in Hour		
B)	Total Runoff from entire Site in 1 Hr	6792	Cum in Hour		
	Total Runoff from entire Site in 24 Hr	163008	Cum		
	Total Runoff After Evaporation Losses	4872	Cum in Hour		
C)	Proposed Rain Water Harvesting P/T (5 minute of storage)	12118			
a	Type-A Rain Water Harvesting P/T	2.7	Meter		
	Discharge	3.14	M		
	Retention	1.35	M		
	Efficiency	5.00	Cum/Hr		
	Prevalence Rate	5.00	Cum/Hr		
	Volume (P/T + Decending Chamber)	24.67	Cum		
	Prepared P/T in 24 Hr	49	Cum		
	Volume collected by 24 Hr gull	12118.04	Cum		

[illegible]

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	STORM WATER LINE
	CATCH BASIN
	DESILTING CHAMBER 2000x1200mm
	RAIN WATER HARVESTING PIT 3METERØ50NOS.

RANJEET YADAV
ARCHITECT
CA/2005/36179

Ranjeet Yadav

WBS J WAREHOUSING PVT. LTD.

[Signature]

SHEET TITLE: SITE PLAN



PC DESIGNS
PRIVATE LIMITED
ARCHITECTS' ENGINEERS' PLANNERS
340, SULTANPUR, VC ROAD
NEW DELHI-110030

TITLE: REVISED BUILDING PLAN FOR WAREHOUSE FOR STORAGE OF AGRO AS WELL AS NON-AGRO PRODUCE FOR AN AREA MEASURING 10778.63 SQM. IN REVENUE ESTATE OF VILLAGE YAKUBPUR, TEHSIL BADI, DIST. JHAJHAR FOR: P. H.J WAREHOUSING PVT. LTD.		DRAWING NO.: SD-07		DATE: 21-08-2021	
SCALE:					