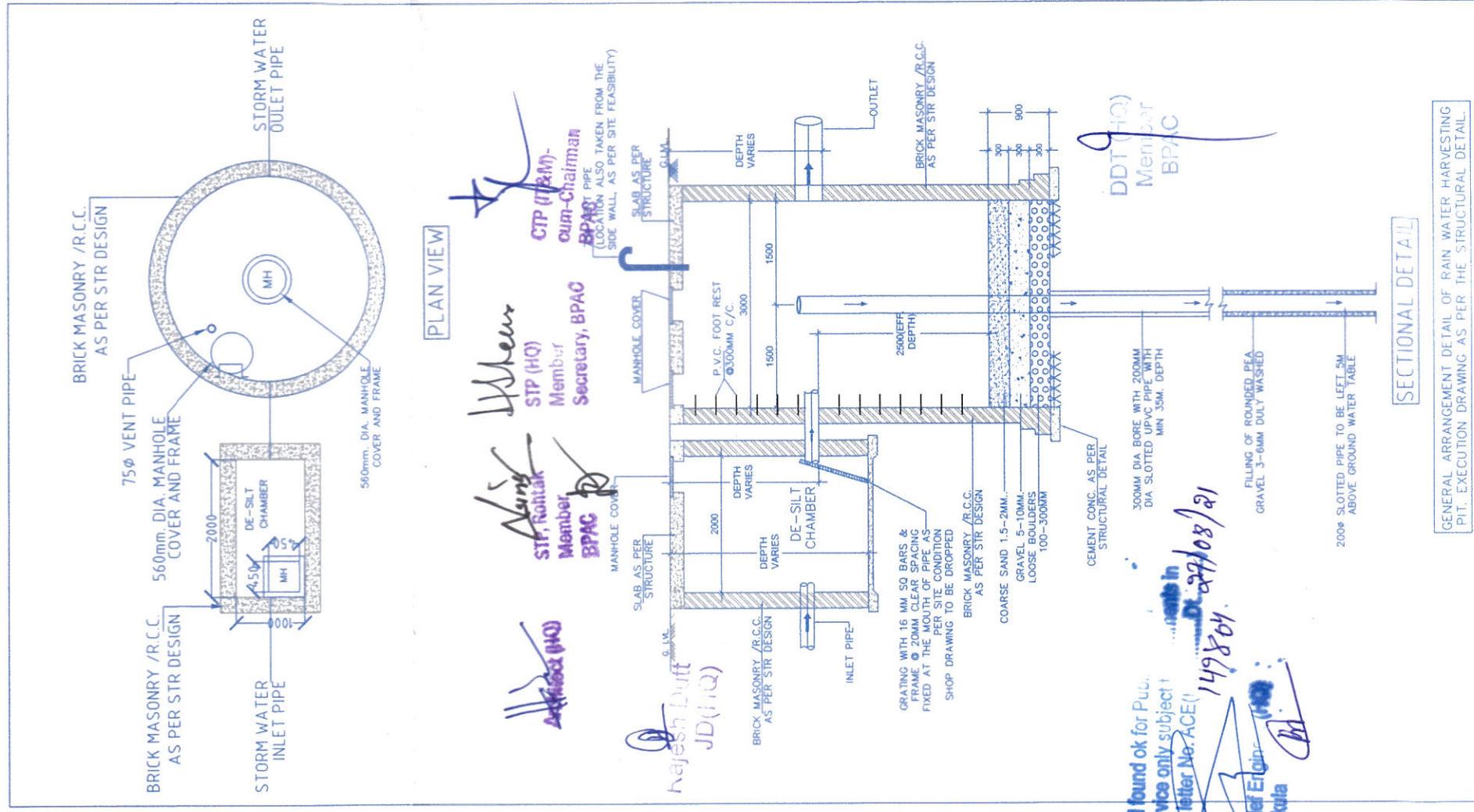
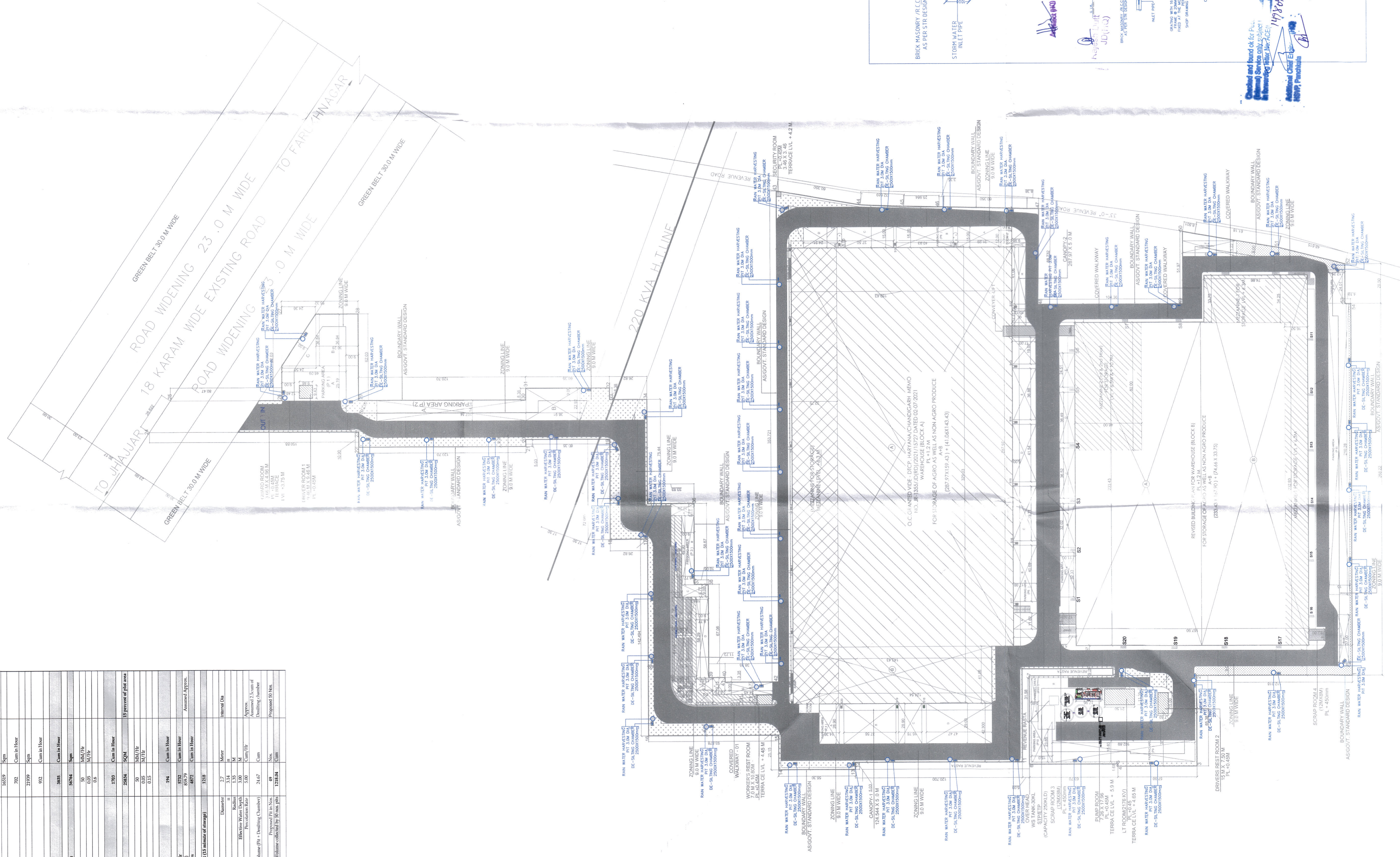
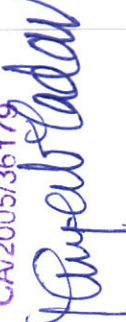


RAIN WATER HARVESTING / RUNOFF CALCULATION					
S.No	PARTICULAR		AREA	UNIT	REMARKS
	A	Total Area	17280	Sqm	
1	a. Terrace Area		42.7	Acre	
			56.32	Sqm	
	Max Rainfall (D)		50	MM/Hr	
	Coefficient of Runoff (C)		0.05	M/Hr	
	Runoff Area of Block A (Nett. Area) (sq. m)		31.284	Sqm	
a.	Runoff Area of Block A (Nett. Area) (sq. m)		2201	Cum to Hour	
	Discharge As Per Rainfall Intensity (Qp-CxIA)		16519	Sqm	
b.	Runoff Area of Block B (Nett. Area) (sq. m)		702	Cum to Hour	
	Discharge As Per Rainfall Intensity (Qp-CxIA)		21559	Sqm	
c.	Runoff Area of Block C (Nett. Area) (sq. m)		932	Cum to Hour	
	Discharge As Per Rainfall Intensity (Qp-CxIA)		5885	Cum to Hour	
2	Hardscape Area (Road / Tread Area)		56794	Sqm	
	Max Rainfall (D)		50	MM/Hr	
	Coefficient of Runoff (C)		0.05	M/Hr	
	Runoff Area of Block C (Nett. Area) (sq. m)		1705	Cum to Hour	
	Discharge As Per Rainfall Intensity (Qp-CxIA)		52624	Sqm	15 percent of total area
3	Green Area		25804	Sqm	
	Max Rainfall (D)		50	MM/Hr	
	Coefficient of Runoff (C)		0.15	M/Hr	
	Runoff Area of Block C (Nett. Area) (sq. m)		154	Cum to Hour	
	Discharge As Per Rainfall Intensity (Qp-CxIA)		5752	Cum to Hour	
B.	Total Runoff from Terrace Slope as 116c		85979	Sqm	
	Run Water Evaporation Losses (15%)		48972	Cum/Hr	
C.	Proposed Rain Water Harvesting (15 minute of storage)		122140	Cum	
a.	Type-A Rain Water Harvesting (N)		27	Meeter	
	Basement		3.55	M	
	Kitchen		1.35	M	
	Effective Waters Drainage		3.00	M	
	Precipitation Area		24.67	Cum/Hr	
	Volume (PW + Draining Chamber)		24.67	Cum	
	Proposed PUE in New		95	Nos.	
	Volume collected by 50 mm pipe		122140	Cum	



ARCHITECT'S SEAL		DRAWING NO.		DATE	
					
PRANJEET YADAV ARCHITECT CA2003/38179 <i>Pranajee Yadav</i>		TITLE: RAIN WATER HARVESTING PIT LAYOUT		SCALE: 1:1	
PROJECT: RAIN WATER HARVESTING PIT		SITE PLAN		DRAWING NO: SD-08	
PLUMBING LEGEND:-		RAIN WATER HARVESTING PIT 3 METER DIA		REVISED BUILDING PLAN FOR WATERHOUSE FOR STORAGE RAIN WATER HARVESTING PIT LAYOUT FOR AREA MEASURING 170726.63 SQM. IN REVENUE ESTATE OF VILLAGE YAKUBPUR, TEHSIL BILAL JAHJAHAR FOR: P.R. MEASURING PVT. LTD.	
SYMBOL DESCRIPTION  DESILTING CHAMBER				TITLE:	
PC DESIGN'S 140/17, 2nd FLOOR, W-1, K-2, D-2 N. W. 14th CROSS, VILLAGE				REVISED BUILDING PLAN FOR WATERHOUSE FOR STORAGE RAIN WATER HARVESTING PIT LAYOUT FOR AREA MEASURING 170726.63 SQM. IN REVENUE ESTATE OF VILLAGE YAKUBPUR, TEHSIL BILAL JAHJAHAR FOR: P.R. MEASURING PVT. LTD.	

NOTES:
VENTILATION
ALL OFFICE BLOCK & TOWEL BLOCKS OFFICE WATCH WARD SHALL BE
FULLY AIR CONDITIONED & MECHANICALLY VENTILATED WITH 100% POWER BACKUP
AN AUTOMATIC SPRINKLER FOR FIRE FIGHTING WILL BE PROVIDED IN ALL WARE HOUSE BLOCKS
AS PER FIRE NORMS