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**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)
Thiruvalla - 689101**

RAINWATER HARVESTING



RAINWATER HARVESTING

The institute has taken sustainable approaches for the implementation of innovative water efficient technologies. The campus has a full-fledged rainwater harvesting facility. As a part of the watershed management scheme, the institute has constructed two interlinked ponds in front of the academic block with a storage capacity of 2,25,000 litres. These well-maintained ponds collect rainwater from the rooftops of Main Academic Block. The collected water is used for gardening and local purposes.

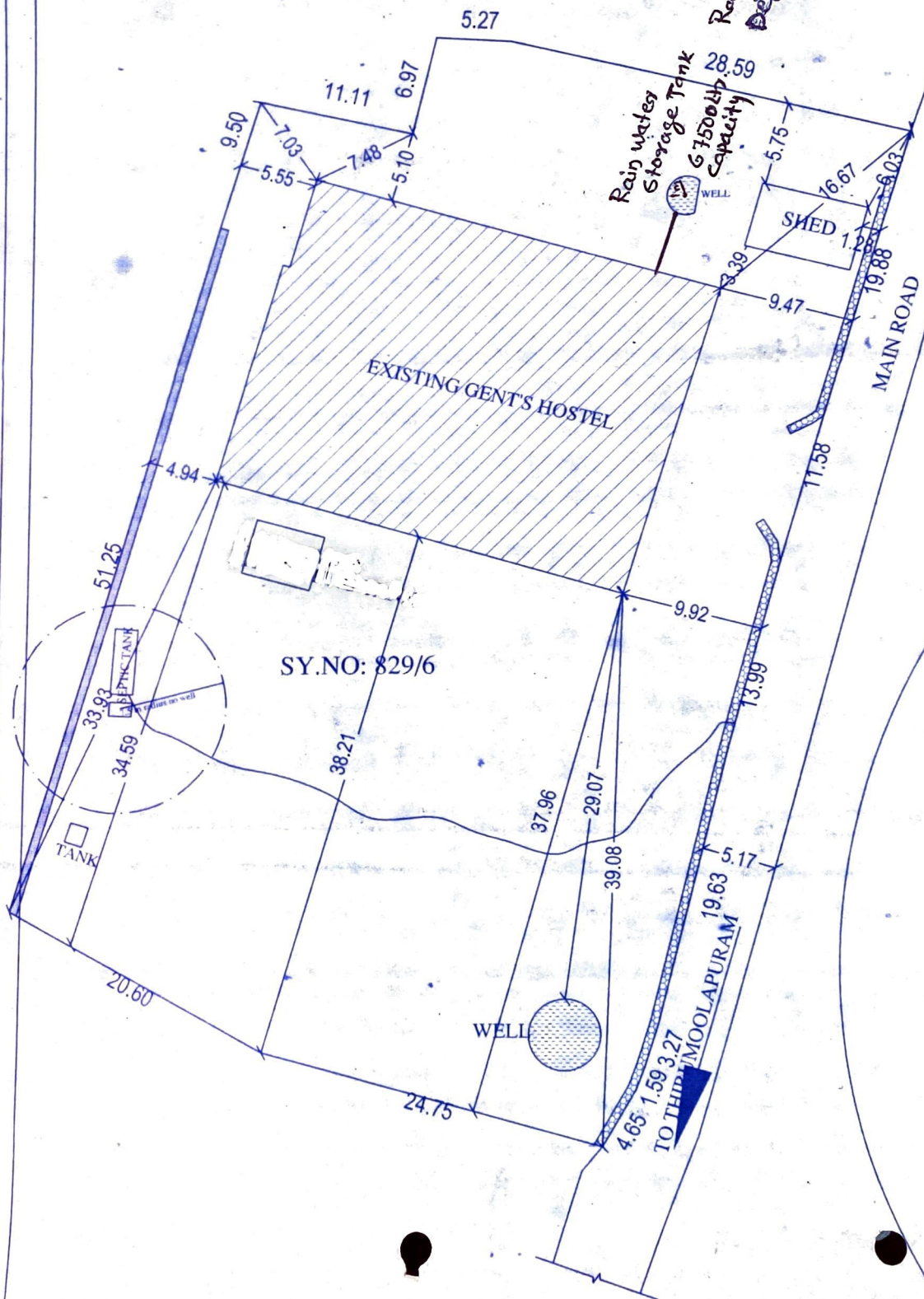
Two wells with capacities 70,500 litres & 67,500 litres are built to collect the rainwater from the rooftops. This helps to recharge the groundwater level.

RAINWATER HARVESTING	
Facility I	
Capacity	2,25,000 litres (In front of Academic Block)
Facility II	
Capacity	70,500 litres (Ladies Hostel)
Facility III	
Capacity	67,500 litres (Men's' Hostel)



RAIN WATER HARVESTING









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OPEN WELL RECHARGE



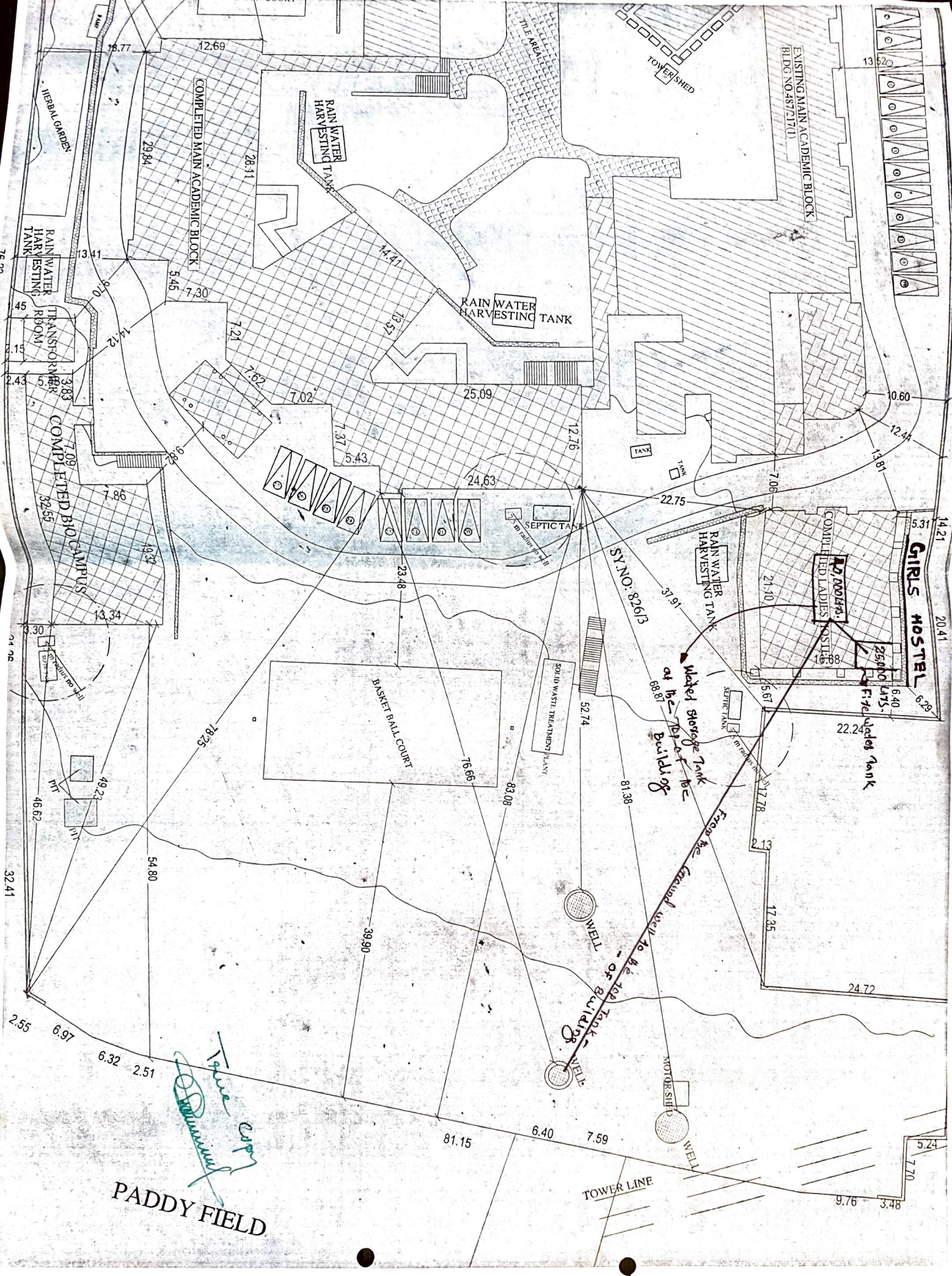
OPEN WELL RECHARGE

Open well recharge is an effective method for rain water harvesting. The college has constructed two wells with capacities 70,500 litres & 67,500 litres to collect rainwater from the rooftops. This helps to recharge the groundwater level.

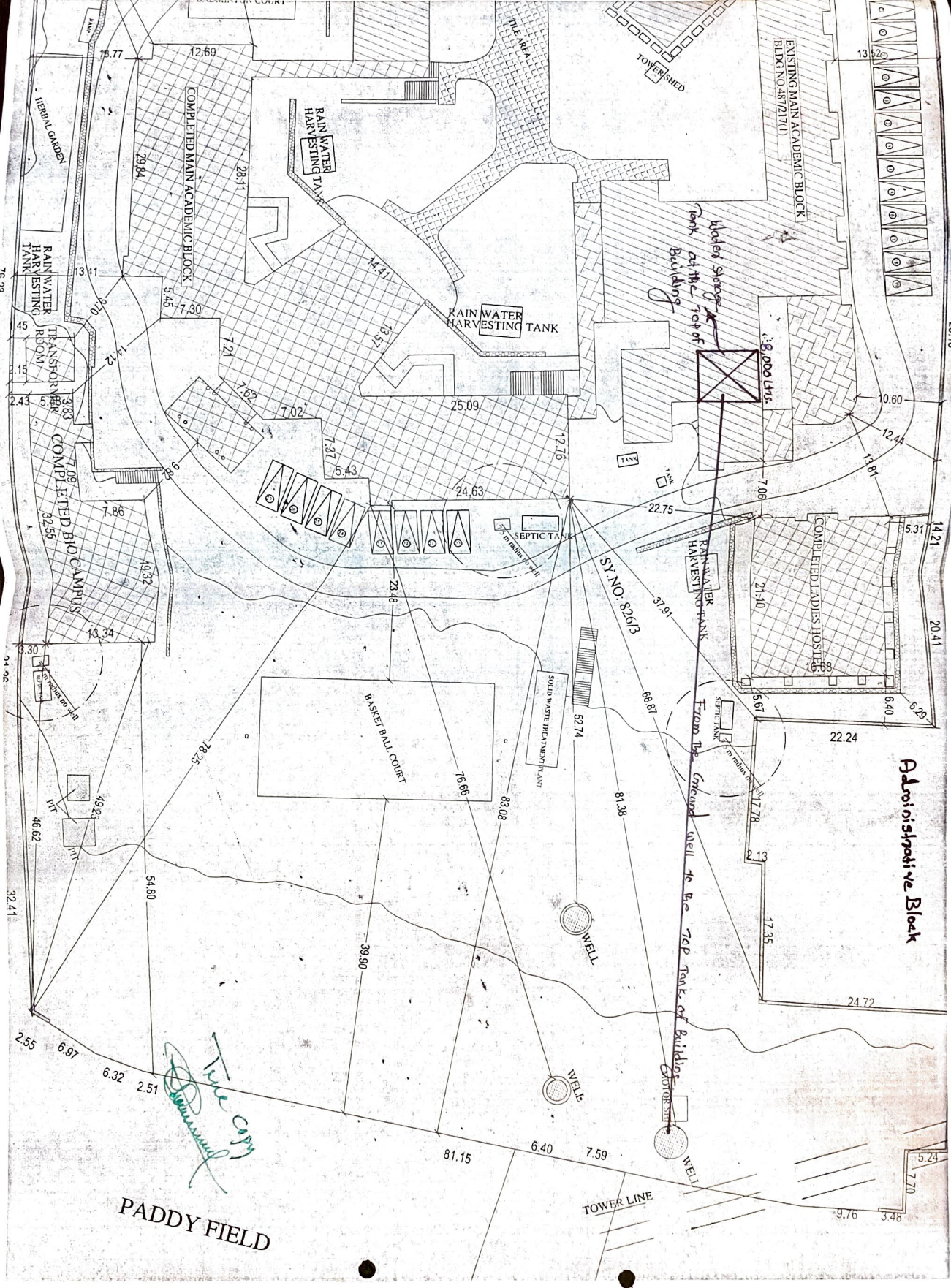


OPEN WELL RECHARGE









PADDY FIELD

Admission Block

True Copy

Water Storage
look at the top of
Building

SY. NO. 8263

TOWER LINE

WELL

WELL

SOLID WASTE MEANING PLANT

SEPTIC TANK

RAIN WATER
HARVESTING TANK

RAIN WATER
HARVESTING TANK

RAIN WATER
HARVESTING TANK

COMPLETED MAIN ACADEMIC BLOCK

EXISTING MAIN ACADEMIC BLOCK
(B/DG NO. 4872710)

COMPLETED LADIES HOSTELS

COMPLETED BIO CAMPUS

HERBAL GARDEN

RAIN WATER
HARVESTING TANK

TRANSFORMER ROOM