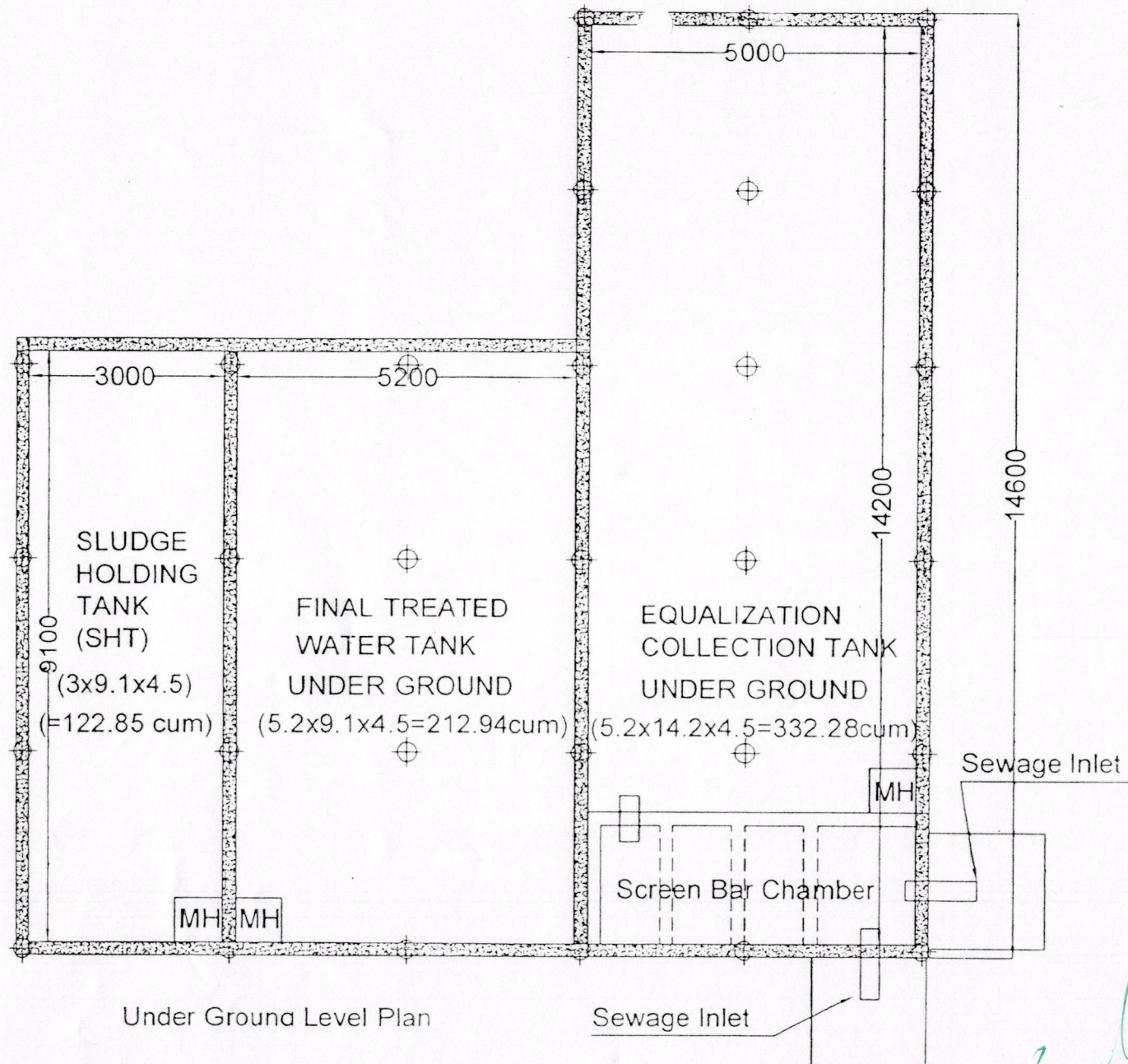


STP - 500 KLD and ETP-100 KLD

Index Institute of Medical Science,  
Khudail, Indore

Registrar  
Malwanchal University  
Indore (M.P.)

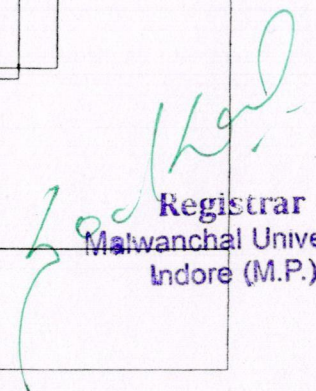


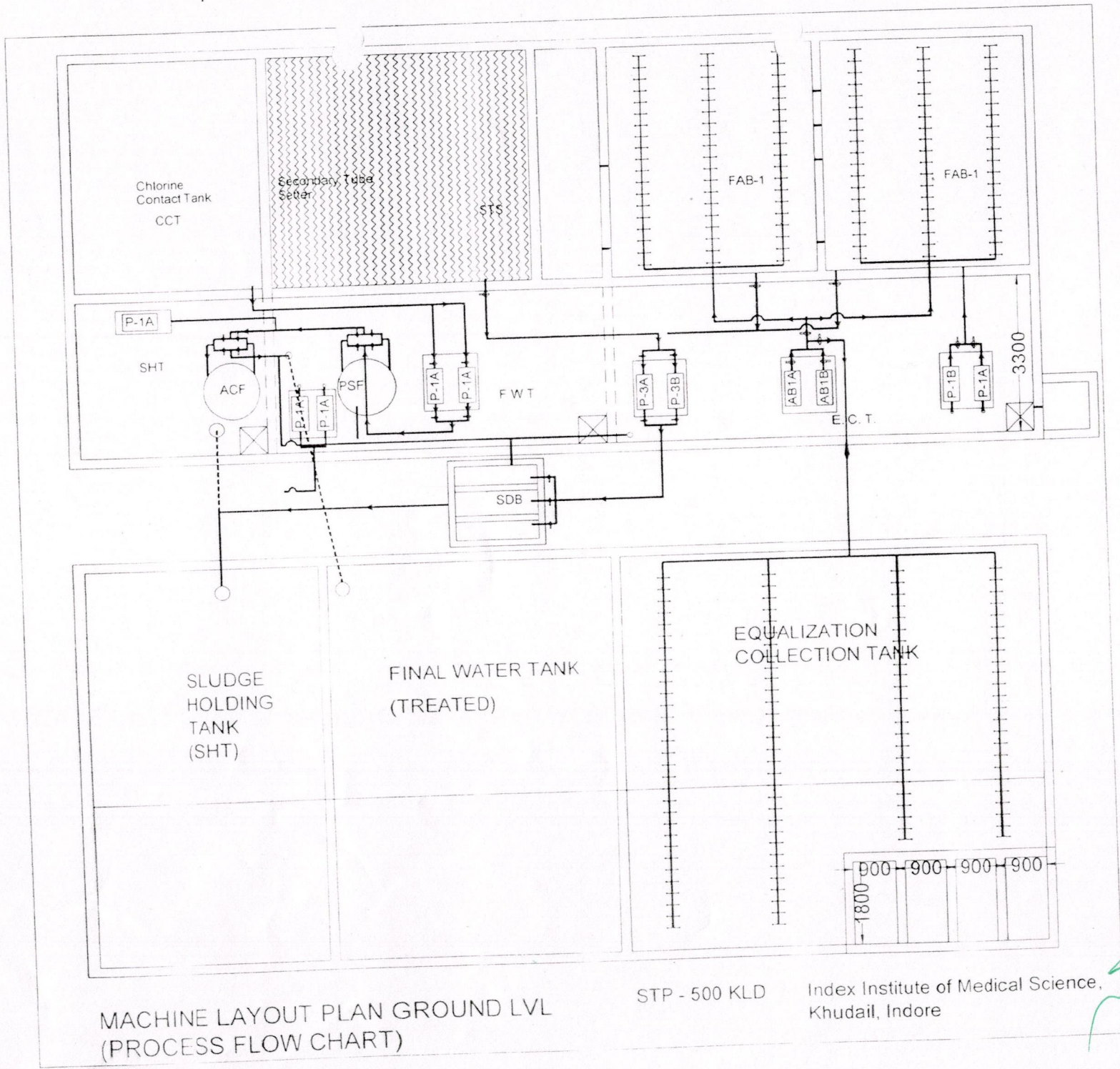
Under Ground Level Plan

Sewage Inlet

STP - 500 KLD and ETP-100 KLD

Index Institute of Medical Science,  
Khudail, Indore

  
 Registrar  
 Malwanchal University  
 Indore (M.P.)



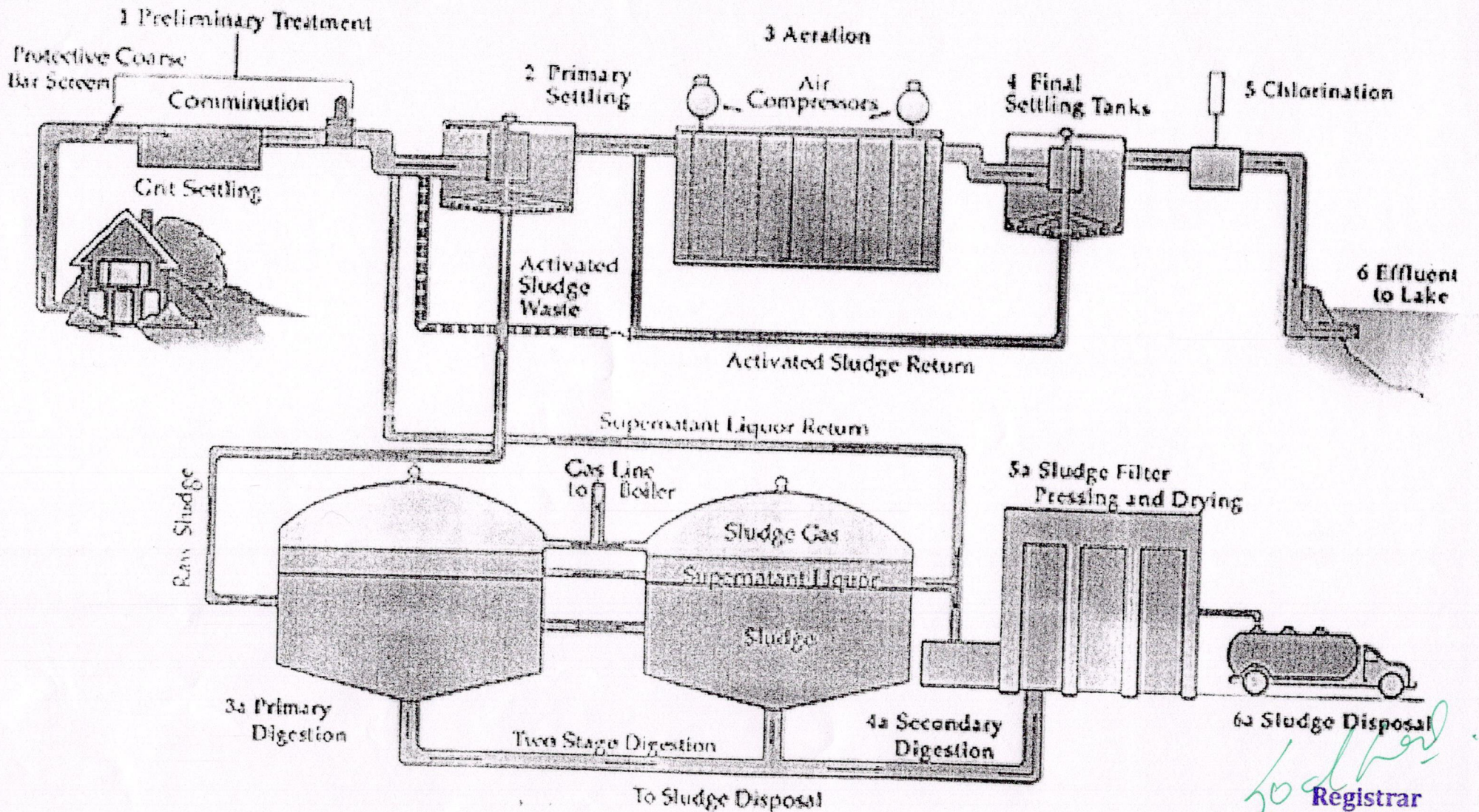
MACHINE LAYOUT PLAN GROUND LVL  
(PROCESS FLOW CHART)

STP - 500 KLD

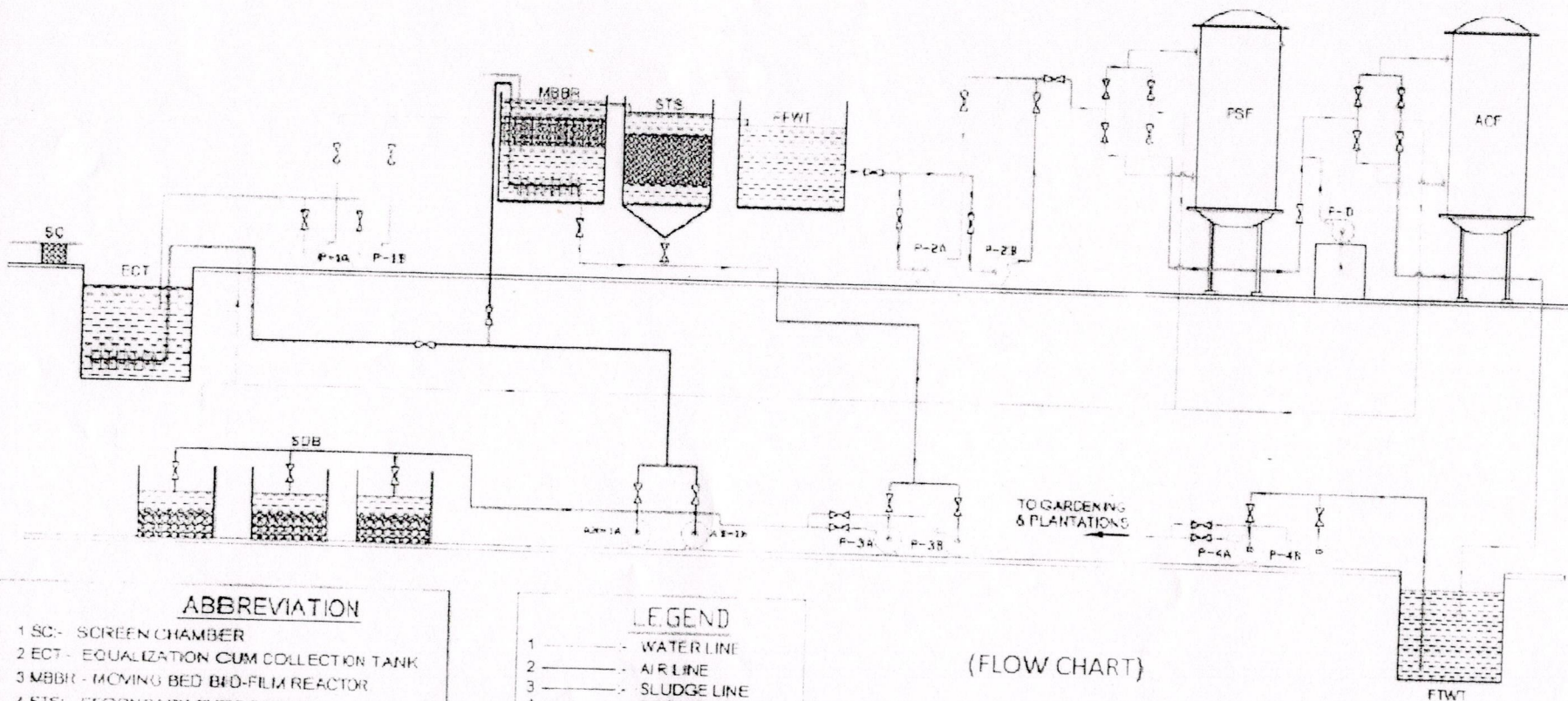
Index Institute of Medical Science,  
Khudail, Indore

*50 d/hard*  
**Registrar**  
Malwanchal University  
Indore (M.P.)

# SEWAGE TREATMENT PROCESS



*to d h e d*  
**Registrar**  
Matwanchal University  
Indore (M.P.)



(FLOW CHART)

**ABBREVIATION**

- 1 SC- SCREEN CHAMBER
- 2 ECT- EQUALIZATION CUM COLLECTION TANK
- 3 MBBR- MOVING BED BIO-FILM REACTOR
- 4 STS- SECONDARY TUBE SETTER
- 5 FEWT- FILTER FEED WATER TANK
- 6 PSF- PRESSURE SAND FILTER
- 7 HD- HYPOCHLORITE DOSING
- 8 ACF- ACTIVATED CARBON FILTER
- 9 FTWT- FINAL TREATED WATER TANK
- 10 SDB- SLUDGE DRY BED
- 11 AB- AIR BLOWER

**LEGEND**

- 1 - - - - - WATER LINE
- 2 - - - - - AIR LINE
- 3 - - - - - SLUDGE LINE
- 4 - - - - - DOSING LINE
- 5 - - - - - BACKWASH LINE
- 6 [Valve Symbol] - VALVE

**PUMP DETAILS**

- 1 P-1A+1B - RAW SEWAGE TRANSFER PUMPS
- 2 P-2A+2B - FILTER FEED PUMPS
- 3 P-3A+3B - SLUDGE RETURN PUMPS
- 4 P-4A+4B - FOR GARDENING & PLANTATIONS
- 5 AB-1A+ AB-1B - AIR BLOWER

STP - 500 KLD

Index Institute of Medical Sciences,  
Khudail, Indore

*Handwritten Signature*  
Registrar  
Malwanchal University  
Indore (M.P.)