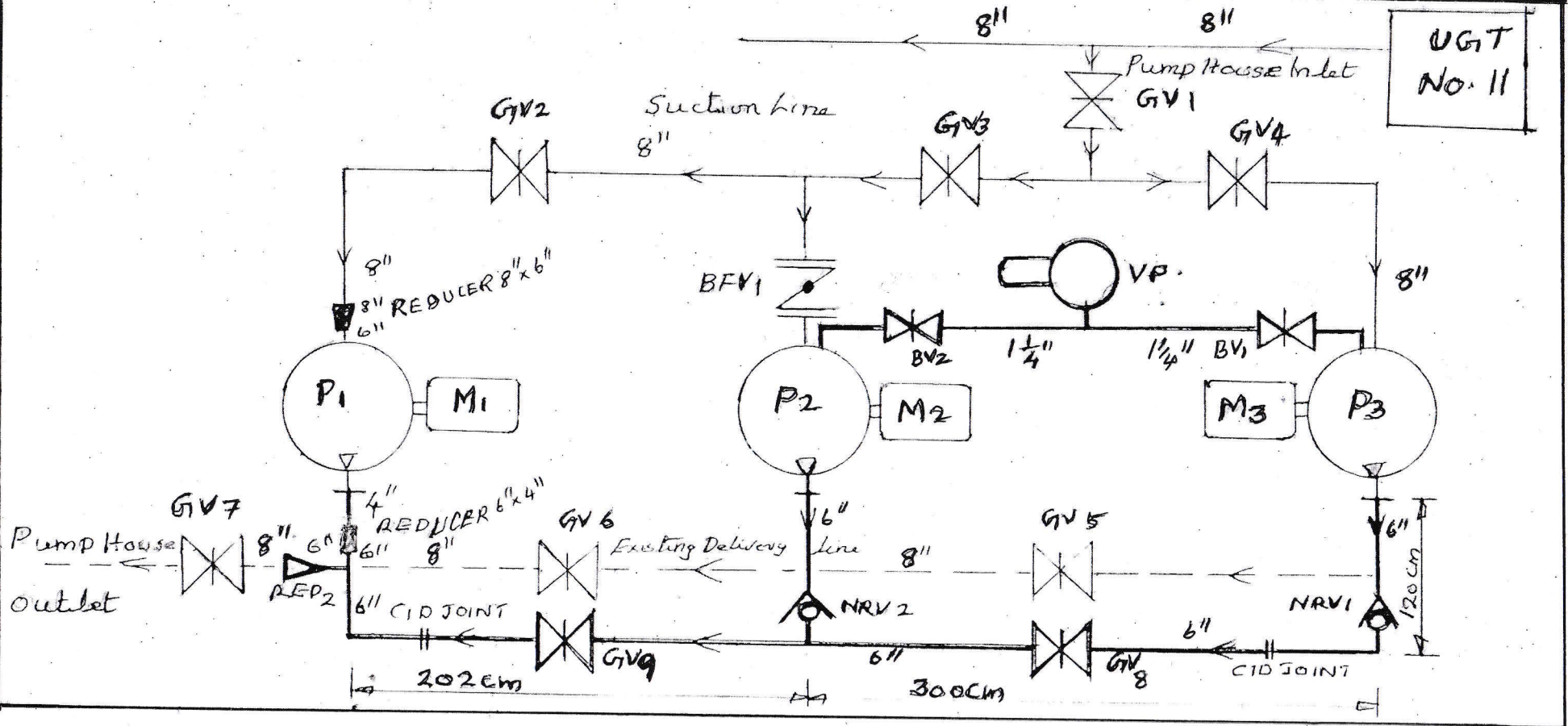


LINE DIAGRAM - MATTANCHERRY HALT NEW PUMP HOUSE - PRIMING SYSTEM - PROPOSED



1. P1&M1, P2&M2 and P3&M3 are the existing water pumps and motors.
2. UGT No. 11 is the existing suction side Under Ground Tank.
3. GV1 to GV7 are the existing 200 mm Gate Valves and BFV1 is the existing Butterfly Valve.
4. GV8 and GV9 are the proposed 150 mm Gate Valves and NRV1 and NRV2 are the proposed 150 mm Non Return Valves.
5. VP is the proposed 3 HP Monoblock Vacuum Pump and BV1 and BV2 are the proposed 32 mm Ball Valves.
6. The scope of work consists of items shown in the 150 mm (6") and 32 mm (1.25") lines only.