

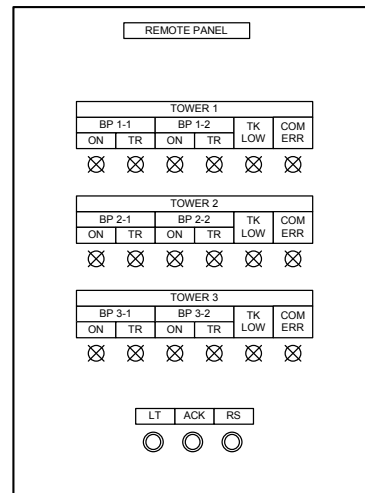
Application Note



Remote Monitoring System For Pumps - Orchard Scotts



Remote Monitoring Panel



Project Scope :

Design, supply, testing, commissioning and maintenance of Remote Monitoring System for Domestic Water Pumps - IP2 Digital Control Panels and Supervisory Control Panel.

Number of Equipment :

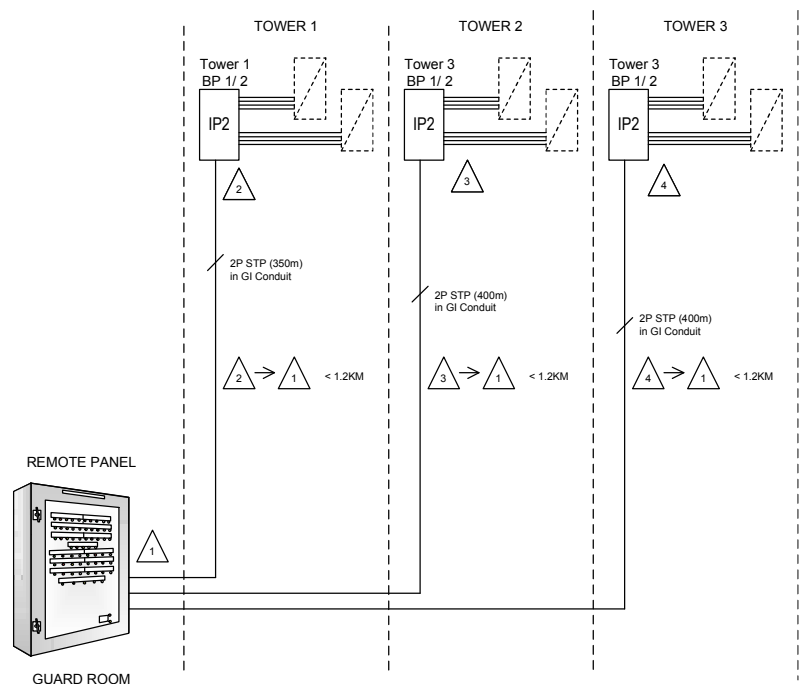
- Booster Pumps Block 1 : 2
- Water Tank Block 1 : 1
- Booster Pumps Block 2 : 2
- Water Tank Block 2 : 1
- Booster Pumps Block 3 : 2
- Water Tank Block 3 : 1

Description Of 2-Wire System Architecture

The Remote Monitoring system consists of the Remote Panel (With LED Status Indicating Lamps and Push Buttons) at Guard Room and IP2 Digital Control Panels at respective Booster Pumps in the Condominium.

Remote Monitoring

The Monitoring System is to remotely monitor and detect essential faults of the Booster Pumps in the Condominium.



2-Wire Implementation of Remote Monitoring Panel

Advantageous Of 2-Wire System Architecture

Compared with traditional implementation, the use of 2-wire Network system significantly reduces Overall cabling works by as much as Half ! For example, Reduced cable support (Cable Tray/ Conduit), Material and Manpower Costs.