FIRE HYDRANT SYSTEM PIPE MAIN
SINGLE HEADED HYDRANT VALVE
DOUBLE HEADED HYDRANT VALVE
THROWAY COUPLING CONNECTION
SPRINKLER HEAD
NON RETURN VALVE
REDUCER
HOSE REEL BOX
HOSE REEL HOSE
D.C.P. & CO.2
HYDRANT VALVE

1 2 3 4 5 6 7 8 9 10 11

GENERAL NOTES:

1. ALL PIPES SHALL BE LOCATED BEHIND THE HOSE REEL HOSE OR HYDRANT CIRCLE, AT EACH FLOOR FOR THE MAIN FIRE PUMP IN UNDERGROUND WATER RESERVOIR ALONG WITH ALL ACCESSORIES, FITTINGS AND FIXTURES AS PER PRESENT PLAN AND AS PER REQUIRED LEVELS, SHALL BE WORKED AND CONNECTED TO THE BOTTOM OF THE SERVICE TANK WITH A STOP VALVE AND CONNECTED TO THE BOTTOM OF THE SERVICE TANK WITH A STOP VALVE AND A NON RETURN VALVE.
2. THE PIPES IS REQUIRED FOR EVERY 100 SQ. METERS FLOOR AREA AND SHALL BE PROVIDED WITH A HYDRANT VALVE AND A HOSE REEL HOSE. THE HOSE SHALL BE SUFFICIENT TO REACH THE FARTHEST CORNER OF THE FLOOR.
3. THE HYDRANT VALVE SHALL BE INSTALLED AT A FIXED HEIGHT OF 1.00 M. FROM A PLATFORM TO BE PROVIDED AT EACH FLOOR WITH A PROTECTED LOCATION.
4. THE HOSE REEL HOSE SHALL BE INSTALLED AT A FIXED HEIGHT OF 1.00 M. ABOVE THE FLOOR AND TO EVERY HOSE REEL HOSE, AND 10.5 MM NOZZLE OR ALTERNATE SIZE NOZZLE SHALL BE PROVIDED WITH A SHUT OFF VALVE AT THE ENTRY OF THE HOSE REEL HOSE.
5. A HYDRAMAIN HYDRANT PIPE COMPRISING OF 65MM ON SIZE 2 HOSE OR 65 MM ON SIZE 1 HOSE OR 65 MM ON SIZE 2 HOSE OR 65 MM ON SIZE 1 HOSE THE HYDRAMAIN HYDRANT PIPE SHALL BE OF A CAPACITY OF NOT LESS THAN 200 MM DIA. AND SHALL BE PROVIDED WITH A SHUT OFF VALVE AT THE GROUND FOR INSTALLING BYPASS CONNECTION SHOULD BE DONE AT LEVEL.
6. THE HYDRANT PIPE SHALL BE OF A CAPACITY OF NOT LESS THAN 200 MM DIA. AND SHALL BE PROVIDED WITH A SHUT OFF VALVE AT THE GROUND LEVEL.
7. THE HYDRANT PIPE SHALL BE FITTED WITH ONE HYDRANT VALVE AT EACH FLOOR AND AT THE TOP FLOOR TO BE PROVIDED WITH TWO HYDRANT VALVES.
8. THE HYDRANT PIPE SHALL BE FITTED WITH ONE HYDRANT VALVE AT EACH FLOOR AUTOMATIC 24 FOG OF ELECTRIFY FIRE PUMP, 50 NOS SUPPLIED AND FITTED WITH 1 NOS