

DESIGN BASIS REPORT- FIRE PROTECTION SYSTEM

Sl.No	Title	Page No.
1	Fire Protection Systems Overview	
2	Types Of Fire Protection Systems Recommended	
3	System Description	
4	Operation of Fire Pumps	
5	Under Ground Fire Water Sump	
6	Terrace Level Fire Water Tank	
7	Yard Hydrant and Wet Riser system	
8	Automatic Sprinkler System	
9	Pipe And Fittings	
10	Addressable Manually Operated Fire Alarm System	
11	Addressable Automatic Fire Detection and Alarm System	
12	Fire Extinguishers	
13	Fire Exit & Safety Signage's	
14	Assumptions and Exclusions	

PROJECT NAME	DESIGN BASIS REPORT Discipline: FPS	Project Name	Rev.

1.0 Fire Protection Systems Overview

This report specifies the protection features that are necessary to minimize the danger to life & property from fire.

The Fire system's considered in design as requested by fire offices in fire NOC Ref # No XXXXX of dated DD/MM/YYYY

1.1 SCOPE

The scope of work includes Design, Engineering, Supply, Installation, Testing & Commissioning of Fire protection systems envisaged for proposed residential project at Wadala, Mumbai.

1.2 Classification of Building

Type of Building	"Residential Building" Group A-4
Type of Hazard	Low hazard and Ordinary hazard
Buildings Protected	Basement, Residential floors

Table-1

1.3 Fire Protection System Proposed

The following fire protection systems are proposed

- Centralized fire water tank and fire pump room at basement
- Internal and external hydrant system
- Automatic Sprinkler system in common corridor and lift lobby only
- Addressable Manually operated fire alarm system
- Addressable Automatic fire detection and alarm system
- Portable fire extinguishers
- Photo luminescent safety signage's

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