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PLUMBING AND SANITATION PROBLEMS IN HIGH RISE BUILDING

**This academic project is submitted in partial fulfillment of the
requirement for the Bachelor Of Building Surveying (Hons.)**

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ABSTRACT

Building services such as plumbing and sanitation system needs to be considered on its design, products or material, installation technique. Therefore, it is necessary to appointing a knowledgeable plumber or expert plumbing designer. It is because water is a misconception nature behavior. It is important to retain those appliances from defective and can distribute the water without problem. Troubleshooting of problem on plumbing and sanitation systems involve experience. Since a plumbing and sanitation appliances consists primarily of pipes and fittings, many plumbers take the troubleshooting process for those plumbing layouts for granted.

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CHAPTER 1: INTRODUCTION

1.1 General

The high-rise building is generally considered as one that is taller than the maximum height which people are willing to walk up. It thus requires mechanical vertical transportation. This includes a rather limited range of building uses, primarily residential apartments, hotels, and office buildings, though occasionally including retail and educational facilities. Any method of structural support, which is consistent with this definition, is allowable, whether masonry, concrete, or metal frame. The high-rise building should be considered on the system of pipes and fixtures are installed for the distribution of potable water and the removal of waterborne wastes. The importance of plumbing is distinguished from water and sewage systems, which serve a group of buildings or a city.

Same as any other building, based on fixture units connected and for storm drainage how many sq feet of roof are would determine the diameter of the piping. There would be much more piping because the units for the waste would be massive. It would end up having like 10 inch or way more piping for waste which is ridiculous. So, there must be a lot of different stacks and for the water there would have to be a lot of different places for the water mains, not just one.