



DEPARTMENT OF BUILDING
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CONSTRUCTION OF PARTY WALL

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ABSTRACT

This report was conducted at residential at Metro Pengkalan Phase 3C Batu Gajah. Party wall is a solitary wall separating segment between two abutting structures that is shared by the tenants of every living arrangement or business. One portion of the party wall sits on every proprietor's property. It was general condition where the party wall will be used as dividing wall between two adjoining buildings. The aim of this report is to learn the construction method to construct party wall. Furthermore, the objectives of this report are to identify the equipment and machineries used, to study the construction methods and identified the type of party wall that being used. The methods of study are by discussion, site visit, observation on site, interview and references. By completing this report, the type of brick layering and type of party wall have been identified. The methods and type of partition wall that have been identified can be used wisely in the future.

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CHAPTER 1.0

1.0 INTRODUCTION

A party wall occasionally party-wall or parting wall, also known as common wall is a dividing partition between two adjoining buildings that is shared by the occupants of each residence or business. Typically, the builder lays the wall along a property line dividing two terraced houses, so that one half of the wall's thickness lies on each side. This type of wall is usually structural. Party walls can also be formed by two abutting walls built at different times. The term can be also used to describe a division between separate units within a multi-unit apartment complex. Very often the wall in this case is non-structural but designed to meet established criteria for sound and/or fire protection. (Wikipedia, 2019)

A party wall is defined as a wall constructed next to or directly astride the boundary line between adjoining properties. Usually the wall will be built so it is equally or only partially on the land of each neighbour. Less often, the party wall will be constructed so it is completely on the property of only one of the parties. The party wall replaces the function of two walls that would otherwise be required was the adjoining landowners to separately build their own structures. (Gray, 2000)

A party wall is a usually thin wall that is used to separate or divide a room, primarily a pre-existing one. Partition walls are usually not load-bearing, and can be constructed out of many materials, including steel panels, bricks, cloth, plastic, plasterboard, wood, and blocks of clay, terra-cotta, concrete, and glass. Some partition walls are made of sheet glass. Glass partition walls are a series of individual toughened glass panels mounted in wood or metal framing. They may be suspended from or slide along a robust aluminium ceiling track. The system does not require the use of a floor guide, which allows easy operation and an uninterrupted threshold. (Wikipedia, 2019)

A party wall is ordinarily created by a contract between the adjoining owners, by statute, or by prescription. Adjoining landowners can enter into a contract to build a party wall. The parties can agree that the wall is to be located on land owned