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It is recommended that this practical report which is prepared

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entitled

Construction of Retaining Rubble Wall

Is accepted to fulfill part of the stipulation for achieving Diploma in Building.

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ABSTRACT

Generally, this practical training report clarify information about all of the works, processes and methods to construct a retaining rubble wall. This practical training report is prepared based on the study, observation and experience gained throughout 5 months of practical training on site project construction. This report contains of several parts which explain different types of information or details. This practical training report is started with explanation and clarification of company background and background of project. The construction of retaining rubble wall is not an easy or simple type of construction. This is because of, based on the observation made, the construction of retaining rubble wall involving a heavy and sticky type of construction method and also involving many parties. Besides that, the quantity and quality of the general workers and the machineries would also affect the fluency level of the construction. Also explained in this practical training report, the characteristics and advantages or the specialties of the retaining rubble wall compared to other type of retaining walls. Next, this report also explained about the materials used for the retaining rubble wall construction and the equipment used by the general workers. Moreover, the safety features of the construction site and suitable type of personel protective equipment should be worn by the general worker when constructing the retaining rubble wall which are prepared by the contractor. The method statement of retaining rubble wall construction with the problem and solution are also explained in this report. As the conclusion, this practical training report can explain in details about the construction of retaining rubble wall practically to all of the readers.

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CONTENT	Γ		PAGE
ACKNOWL	EDGEN	MENT	i
ASBTRACT			ii
TABLE OF CONTENT			iii
LIST OF TABLES			v
LIST OF FIGURES			vi
LIST OF PHOTOS			vii
LIST OF ABBREVIATIONS			xi
CHAPTER	1.0	INTRODUCTION	1
	1.1	INTRODUCTION	1
	1.2	THE STUDY BACKGROUND	3
	1.3	OBJECTIVES OF STUDY	4
	1.4	SCOPE OF STUDY	5
	1.5	METHOD OF STUDY	6
CHAPTER	2.0	COMPANY BACKGROUND	8
	2.1	INTRODUCTION	8
	2.2	COMPANY PROFILE	10
	2.3	OBJECTIVES OF COMPANY	12
	2.4	ORGANIZATION CHART	14
	2.5	LIST OF PROJECTS	15
		2.5.1 PREVIOUS PROJECT	15
		2.5.2 CURRENT PROJECT	16
		2.5.3 UPCOMING PROJECT	17
CHAPTER	3.0	CASE STUDY: CONSTRUCTION OF RETAINING	
		RUBBLE WALL AT 'MSTAY SR HILL VILLA',	
		DENGKIL, SEPANG, SELANGOR.	18
	3.1	INTRODUCTION	18
	3.2	FEATURES OF RETAINING RUBBLE WALL	21
	2 2	DESIGN OF PETAINING PURRUE WALL	24

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The construction project of 20 unit house or in other word, residential centre which include 19 unit double storey bungalows type A and a single unit of double storey bungalow type B is a construction project which developed by the developer company, Mainstay Development Sendirian Berhad (private limited). This construction project is the second project that developed and conducted by Mainstay Development Sendirian Berhad after the completion of its first project, a shopping complex or business centre of Space U8 Eco-Mall which situated at Bukit Jelutong, Seksyen U8, Shah Alam, Selangor Darul Ehsan on year 2011. 'Mstay SR Hill Villa', name given to the project for the reasons of the name of developer company (Mainstay Development Sendirian Berhad) and the owner of the project (SEKATA Rakyat Berhad @ Koperasi Kakitangan Bank Kerjasama Rakyat). And the coordination or the location of the project is situated on hilly area with magnificent view.

The construction project cost about RM12,236,616.24 contains 20 units of bungalow house with 2 different design. Located at Mukim Dengkil, Daerah Sepang which strategically located because the location of the project is nearby to several main cities such as Nilai, Federal Territory of Putrajaya, Bandar Baru Salak Tinggi and also nearby to many of point of interest such as Sepang International Circuit (SIC) and Kuala Lumpur International Airport (KLIA). Therefore, the development of Mukim Dengkil must be collateral with the development and advancement of those nearby main cities and able to accommodate rising capacity of population rate by year to year. With this Mstay SR Hill Villa construction project could fulfill the