

DEPARTMENT OF BUILDING SURVEYING FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING UNIVERSITI TEKNOLOGI MARA PERAK

METHOD OF CONSTRUCTION SYNTHETIC FIELD

AIN NURUL ASHIKIN BINTI ABDUL RASID 2011820582 DIPLOMA IN BUILDING SURVEYING

> PRACTICAL TRAINING REPORT DECEMBER 2013 – MARCH 2014

DECLARATION:

I hereby admit that this report is the result of my own efforts, except for the certain parts that are attached from sources that specified in reference chapter.

Prepared By:

(AIN NURUL ASHIKIN BINTI ABDUL RASID) Date:

Approved By:

(SR. MOHAMAD RIDZUAN BIN YAHYA) Supervising Lecturer

Date:

السك الم عليكم ورحمة الله و

ACKNOWLEDGEMENT

First and foremost, I would like to thank to God because of His bounty I successfully completed the course work assigned to me. Without His consent, I cannot finish my Practical Training Report successfully.

I would like to express my very great appreciation to Sr. Mohamad Ridzuan B. Yahya as my supervisor in University Technology Mara, for his support in term of teaching and giving some sources and guidance for me to finish this report. He has given me a lot of information and I feel lucky and grateful to have lecturer like him. Not forget too, Puan Marlia Binti Jaafar as my supervisor at Jabatan Kerja Raya Port Dickson Negeri Sembilan.

In addition, I would also like to thank to my family for being the impetus for me to survive when carry out my duties as a university student in the process of completing this task, I have to face many problems and I depressed and almost despairing. However, I got the encouragements and advices from them to complete this report. Without encouragement from them, I will not achieve success.

In the other hand, would like to thank to my friend for helping me in making this report. The information I got was very useful to my report.

Last but not least, we also would like to extend special thanks to the other staffs in this Jabatan Kerja Raya who had given me undivided commitment and cooperation during making this report.

ABSTRACT

In Malaysia synthetic field is not widely known. The synthetic field only install at stadium or any huge field. It is because the artificial turf is very expensive. The artificial turf can comes from any size for examples 2"x2". This size only can use at small placed but if for installation synthetic field it will comes in roll carpet and the long is 65m.

There is no supply the artificial turf in Malaysia. Our country does not have the expertise in construction field. We must get an expertise in installation synthetic field during installation and we can get any information for maintenance of the synthetic field.

The installation of artificial turf is using technique gluing. The artificial turf will placed after quarry dust is complete. The glue that used for gluing the artificial turf is very specific glue and do not have at Malaysia.

After the installation and accessories at the field is complete, the supplier of the artificial turf will do a test. The test called FIFA Test. The test is to make sure the artificial turf that they supply is perfect and do not have a defect. Second, the supplier wants this synthetic field is follow the standard synthetic field with another country. Lastly is, the supplier wants to make sure this synthetic field is safety to use to people.

The conclusion is, our country can make a different and decrease the cost in maintenance of field for the future even we does not have any expertise in installation synthetic field. The recommendation is, our country can order artificial turf from the others country for examples China for installation of synthetic field.

TABLE OF CONTENT

Content

Page

CHAPTER 1

1.1 Building background	 2
1.2 Building owner	 4
1.2.1Board of director	 5
1.2.2Function of Jabatan Kerja Raya	 6
1.2.3 Location	 6
1.3 Surrounding area	 7
CHAPTER 2	
2.1 Introduction	 9
2.2 Definition of artificial turf	 10
2.3 Types of artificial turf	 11
2.3.1 Polypropylene	 11
2.3.2 Polyethylene	 12
2.3.3 Nylon	 13

2.4 Artificial Turf Installation 14

CHAPTER 3