

**ABSTRACT**  
**FOUNDATION WORK BORED PILE PROJECT WEY-WEY HARBORBAY  
HOTEL**

**HANDIFANTRA WARDHANA**  
**NPM: 1511030**

*Practical work is a course that aims to provide work experience to students in the field, where students get knowledge directly with the field practice, and this is actually different from what is taught in lectures, so students can see firsthand the application of the theory taught in lectures.*

*The implementation of this practical work is in the location of the Wey Wey Harboubay hotel project, which is studied by calculating the ultimate carrying capacity of bored pile foundation poles to meet the requirements for building construction. and friction bearing capacity obtained from the friction support strength or adhesion force between the bored pile and the surrounding soil, with the results obtained for the ultimate bearing capacity of the pole of 112.9756 tons.*

*The author also learned how to overcome the failed bored pile foundation directly, to determine the depth of the hole so that the foundation meets the carrying capacity requirements, it can be seen by various tests, one of them is the standard penetration test (SPT), this test is to determine the bearing capacity of the pole as a reference to know the depth and diameter of the foundation. from the ultimate bearing capacity of 112.9756 tons of masts that have met the planned requirements of 100 tons for a diameter of 0.6 m / 600 mm.*

*Keywords: foundation, building, bored pile, standard penetration test (SPT)*