

Take off

Innovation Matrix

Foundation cont'd

In-situ concrete ready mixed
designated concrete; C7.5 - 40mm
aggregate

197.00

0.7

0.45

62.055

m³

Piling

Inside columns 2 piles per column
outside columns 3 piles per column

2

Outside columns 22 nr

~~22~~ 3

66

Inside columns

14/2

28

66

28

94 nr

Excavated material + concrete

.450 diameter of pile required

20.00 depth of pile

$\pi r^2 \times 20$

$\pi / 0.225^2 / 20$

= 3.1809