



9.0M EXCAVATION
THIS SIDE

CRANE BASE NUMBER 1 (SOUTH)

14m DEEP X 600 WIDE EXISTING DIAPHRAM WALL

PILE SCHEDULE

PILE	SECTION	LENGTH	TORQUE	RAKE
P1	219x8.2	10m	87,000	1 IN 10
P2	219x8.2	10m	87,000	1 IN 10
P3	219x8.2	10m	87,000	1 IN 10
P4	219x8.2	10m	87,000	VERTICAL
P5	219x8.2	5m	150,000	VERTICAL (SEE NOTE 2)
P6	219x8.2	10m	87,000	1 IN 10
P7	219x8.2	10m	87,000	1 IN 10
P8	219x8.2	10m	87,000	1 IN 10
P9	219x8.2	10m	87,000	1 IN 10
P10	219x8.2	10m	87,000	VERTICAL
P11	219x8.2	10m	87,000	1 IN 10
P12	219x8.2	10m	87,000	1 IN 10

NOTES

1. PILES FINISHED 800 BELOW GROUND LEVEL.
2. PILE P5 SHEARED A 5m CONNECTION AFTER SEVERE CAVITATION PILE APPEARS TO HAVE ENCOUNTERED A CONCRETE BLOWOUT FROM ADJOINING CFA PILE.
3. PILE CAP DEPTH 1.0M.
4. PILE CAP SIZE TO BE INCREASED SO THAT THERE IS A MINIMUM OF 200mm COVER FROM EDGE OF PILE TO EDGE OF PILE CAP AT BASE OF CAP.

LEGEND



<p>screwpile australia Post Office Box 448 Mt Hawthorn, 6915 Ph: 9371 7711 Fax 9371 7722</p>	PROJECT	
	Raffles Re-Development Crane Tower Screw Piles BASE 1	
DRN	DATE	
SDM	June 04	
DRG	REV	
MULT-01	01	