



Project: Chatswood Transport Interchange

Client: CRI Australia Pty Ltd

Principal Contractor: Barclay Mowlem Construction Limited (BMCL)

General:

Work is well underway on the Chatswood Transport Interchange (CTI), which is being developed in a Public Private Partnership between the Transport Infrastructure Development Corporation (TIDC) and CRI.

Scope of Works By Avopiling

- Over 750 piles; 600mm, 750mm, 900mm and 1200mm dia
- Depth 6m to 28m
- Installation of Stanchion into bored piles to accommodate top down construction
- Piles installed in two stages while no/minimum disruption to current city Rail time table
- Five nos. SOILMEC drilling rigs were utilized concurrently to meet the target program



Exposed contiguous Piles and progress of Foundation piling

Contact AVOPILING Pty Ltd

Head Office	Tel. (02) 8467 1300	Fax (02) 9417 5055	Mob. 0419 270 470
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Restricted Access and Head Room

Number of foundation piles were required to be installed whilst having regard to limited overhead clearance.

Soilmec R515 (Stumpy) piling rig was ideally suited for this purpose installing piles for depth in excess of 20m drilling high strength shales and sandstone

The rig was capable of installing casings and cages in segments

Short Mast Rig drilling over 20m deep piles under overhanging building with barely 6m Head room

Welded Columns into Bored Piles for Top Down Construction

Welded columns were required to be installed with rigid tolerances.

Special guide frames were designed and manufactured by Avopiling's engineers, utilizing facilities at our Wollongong workshop.



Lifting welded column into place



Guide frame set up ready to cast pile with embedded welded column

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