

Construction of Rock Socketed H-Piles and PIP Piles



The main contract is for the design, construction and maintenance of Residential Training Complex in Tuen Mun. Intrafor’s scope of works is the installation of PIP and Pre-bored H-Piles inclusive of:

- Pre-drilling and post-drilling works.
- Installation of piles for four blocks.
- Static load tests.



Locations	Type of Piles	Nr. of Piles	Average Depth (m)
Boy’s Dormitory	Rock Socketed H-Piles	32	28m incl. 4m socket length
Girl’s Dormitory	PIP (610mmØ)	45	30m each
Training Block	PIP (610mmØ)	135	30m each
Administration Block	PIP (610mmØ)	95	30m each

The PIP (Pakt-In-Place) Pile System

The PIP is a non-displacement piling system.

The significant advantages of the system include, fast, quiet and vibration free pile installation.

PIP piles are suitable for a wide range of soil conditions and the system is unaffected by the presence of ground water or soft ground conditions.

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*Drilling
and
Grouting
of Pile*

OWNER :
Architectural Services Department

ENGINEER :
Architectural Services Department

MAIN CONTRACTOR :
Leighton Contractors (Asia) Ltd.

SPECIALIST CONTRACTOR:
Lai Lap Engineering Ltd.

FOUNDATION CONTRACTOR:
INTRAFOR

*Steel Cage
Installation*



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*Check
As-Built
Pile
Position*