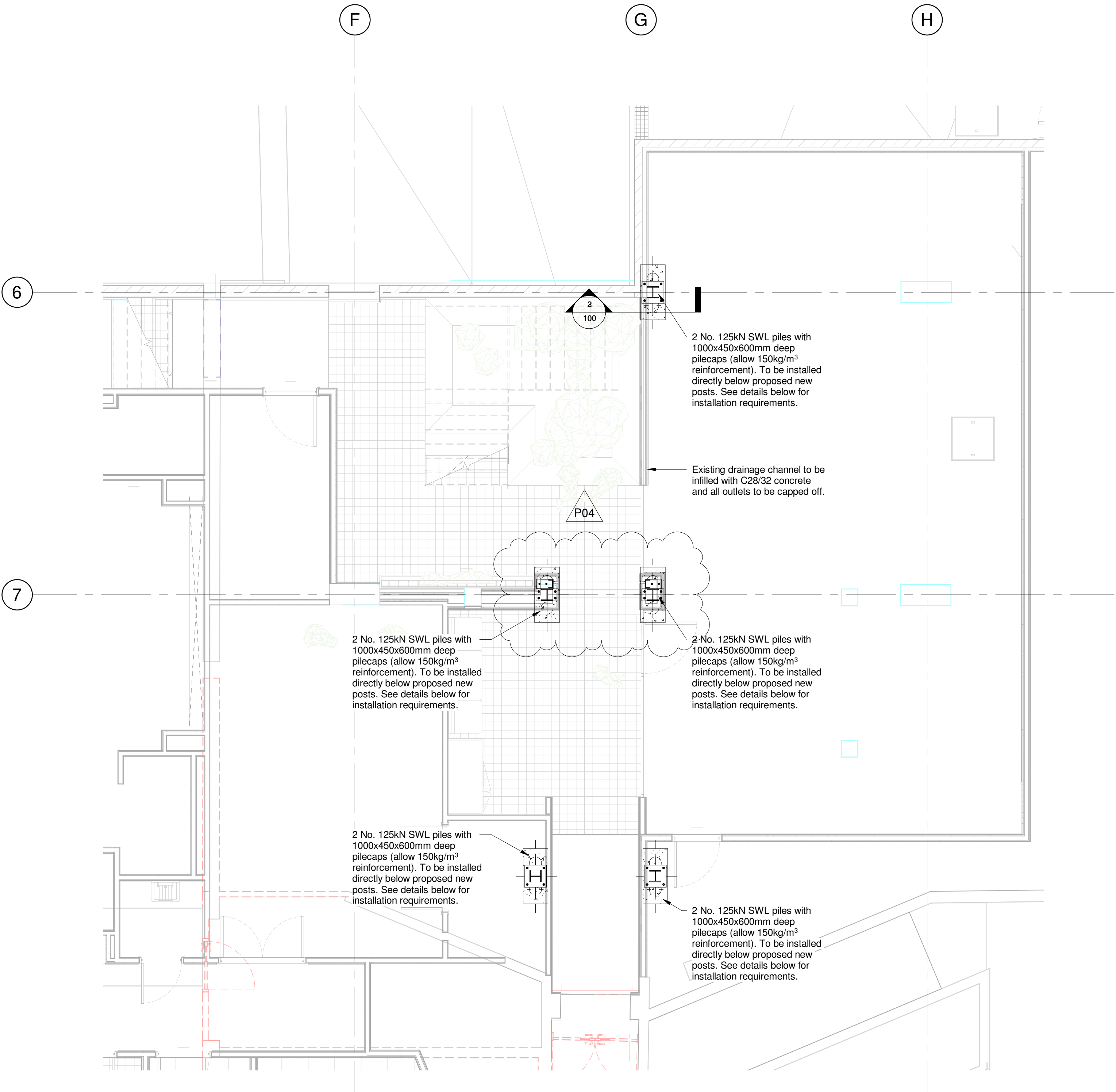
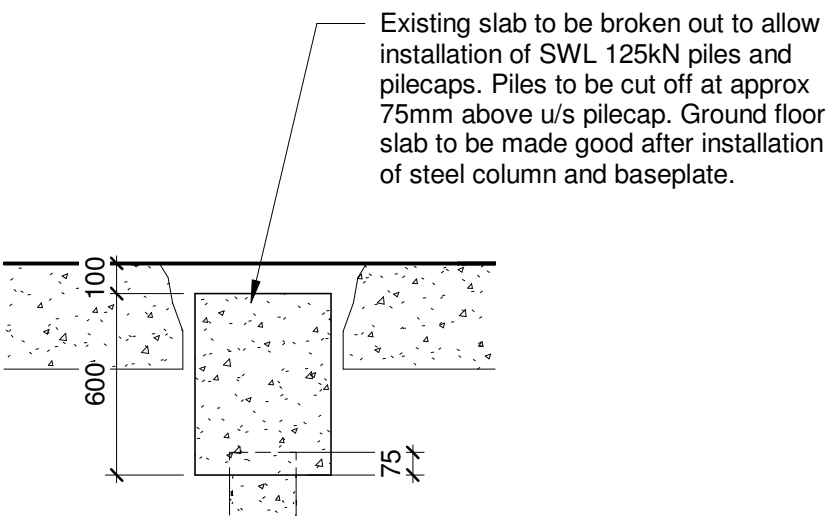




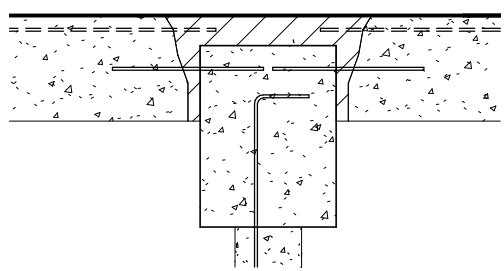
Plan on Basement Level Indicating Piles to New Posts

1 : 50



Basement Slab Support Piles Installation Stage 1

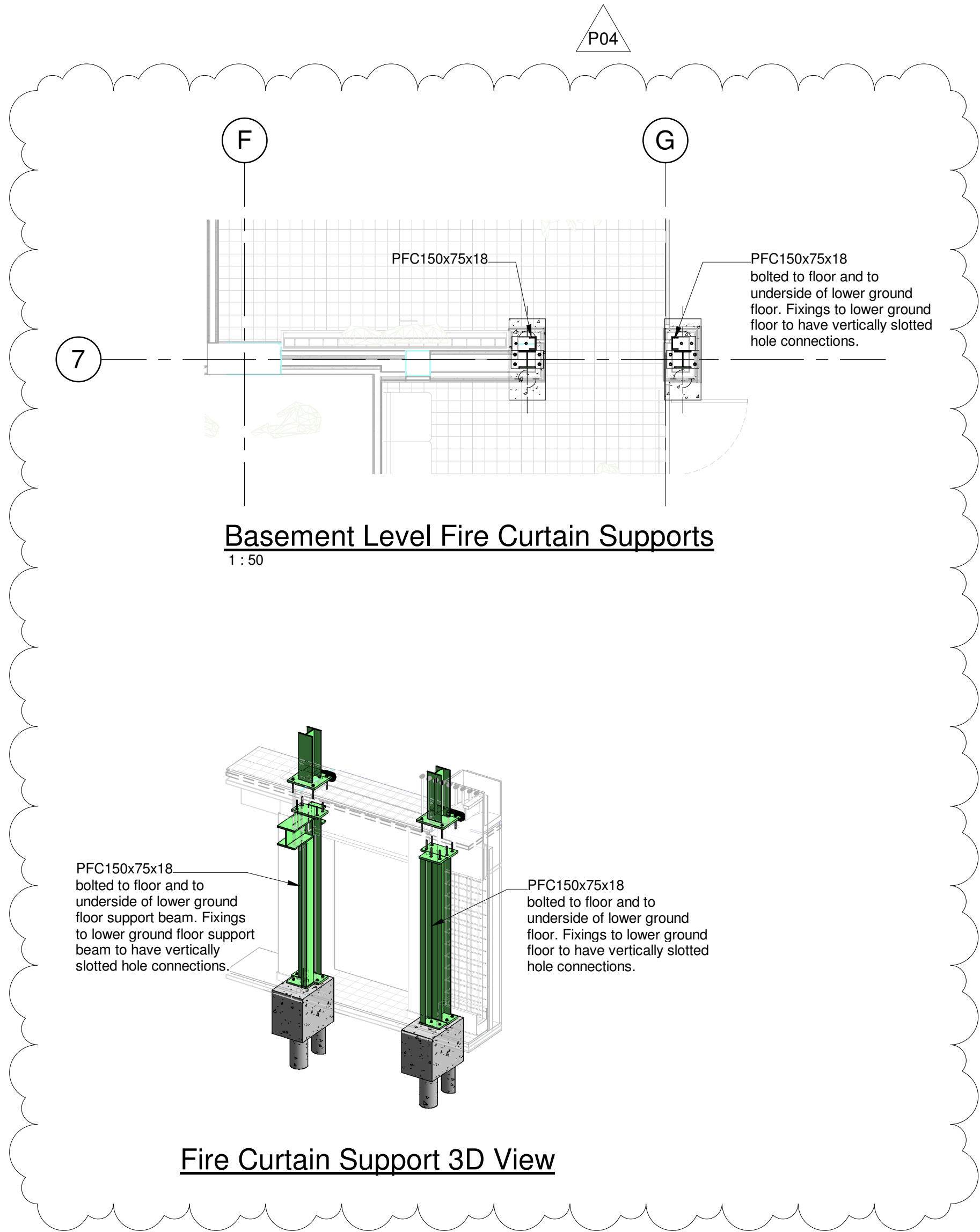
1 : 25



Basement Slab Support Piles Installation Stage 2

1 : 25

- Break out existing slab to extent required to install pilecap. Note, re-bar MUST be retained in broken down area.
- Concrete fill piles including H16 'L' bars projecting from top of pile into pilecap as shown.
- Install 4 No (2 each side) H16 dowel bars, fixed 200mm into slab using Hilti HIT HY200 resin.
- Opening to be cleaned out of any loose debris and filled with C28/35 concrete, 10mm aggregate.



GENERAL NOTES

Do not scale from this drawing. If in doubt about a dimension or level shown on this drawing, please ask.

All dimensions are in millimetres and all levels are in metres unless noted otherwise.

Contractor to check all dimensions and levels and report any omissions and errors to the Engineer.

- This drawing MUST be read in conjunction with all relevant DW Consulting drawings & specification and the latest architects drawings.
- Concrete to foundations be grade C28/35.
- New piles to have minimum safe Working Load of 125kN vertical, with a min Factor of Safety of 3.

P04	WS4 UPDATE	IG	CJC	23.09.22
P03	WS4 UPDATE	IG	CJC	06.07.22
P02	WS4 UPDATE	IG	CJC	24.06.22
P01	WS4 ISSUE	IG	CJC	15.06.22
Rev	Description	By	Auth	Date

Revisions



Marsland House, Marsland Road
Sale, Cheshire, M33 3AQ

Tel: 0161 969 4144
Web: www.dwlip.com

THE CONCEPTS AND THE INFORMATION CONTAINED IN THIS DOCUMENT ARE THE COPYRIGHT OF DW CONSULTING ENGINEERS LLP. USE OR COPYING OF THE DOCUMENT IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF DW CONSULTING ENGINEERS LLP, CONSTITUTES AN INFRINGEMENT OF COPYRIGHT.

Client:
bruntwood works

Project:
**Pall Mall Manchester
Refurbishment Works**

Drawing Title:
**Structural Works
Basement Level New Stair**

Drawing Status:
Preliminary

THIS DRAWING CAN ONLY BE USED FOR CONSTRUCTION PURPOSES WHEN DRAWING STATUS IS SHOWN AS 'CONSTRUCTION'. UNTIL THEN THIS DRAWING MAY ONLY BE USED FOR INFORMATION.

Project No. DW2291	Drg No. PM-DWC-B1-DR-S-100
Scale As indicated	Sheet Size A1
Date APRIL 22	Drawn RM
Checked CJC	Auth CJC
	P04