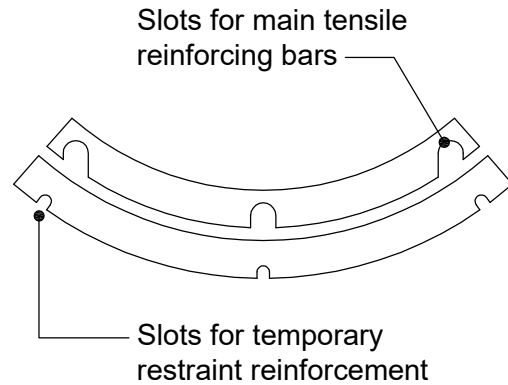
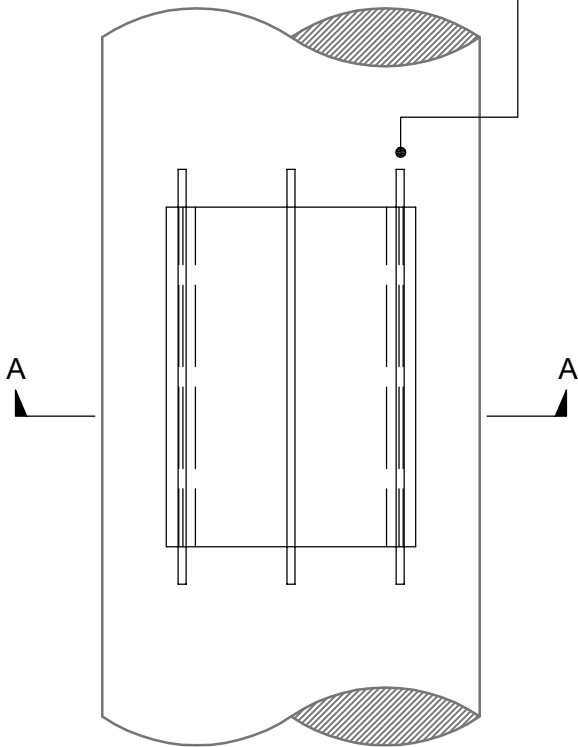


Section A-A



Pilecor box-outs held in place using mild steel temporary restraint bars welded to cage



Filcor Grades & Physical Properties		
Grades	Compressive strength @ 1% strain	Max. concrete depth (m) *
Filcor 100	100kN/m ²	4.0
Filcor 120	120kN/m ²	4.8
Filcor 140	140kN/m ²	5.6
Filcor 160	160kN/m ²	6.4
Filcor 190	190kN/m ²	7.6
All Filcor grades of expanded polystyrene are manufactured in accordance with BS EN 14933:2007		
* Maximum depth of concrete to not exceed 1% strain		

Standard Detail



Tel : 01403 799600

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Drg. Title:
Standard Floor Slab to Pile Wall Detail - Pilecor

Drawn: SJP

Date: Jan.2021

Scale: NTS

Drg No. ENG/PP/PC/001

Rev. 3

Products :-

Pilecor.

Notes :-

- Pilecor units are manufactured to order, with the width, depth and cut-outs for reinforcing bars of each unit tailored to meet the project requirements.
- The grade of Filcor used to manufacture the Pilecor units is dependent on the height of concrete to be cast above them. Please contact the Cordek Technical Team for applications where the concrete depth exceeds 7.6m.
- Mild steel restraining bars may be required to be tack welded to the main tensile rebar.