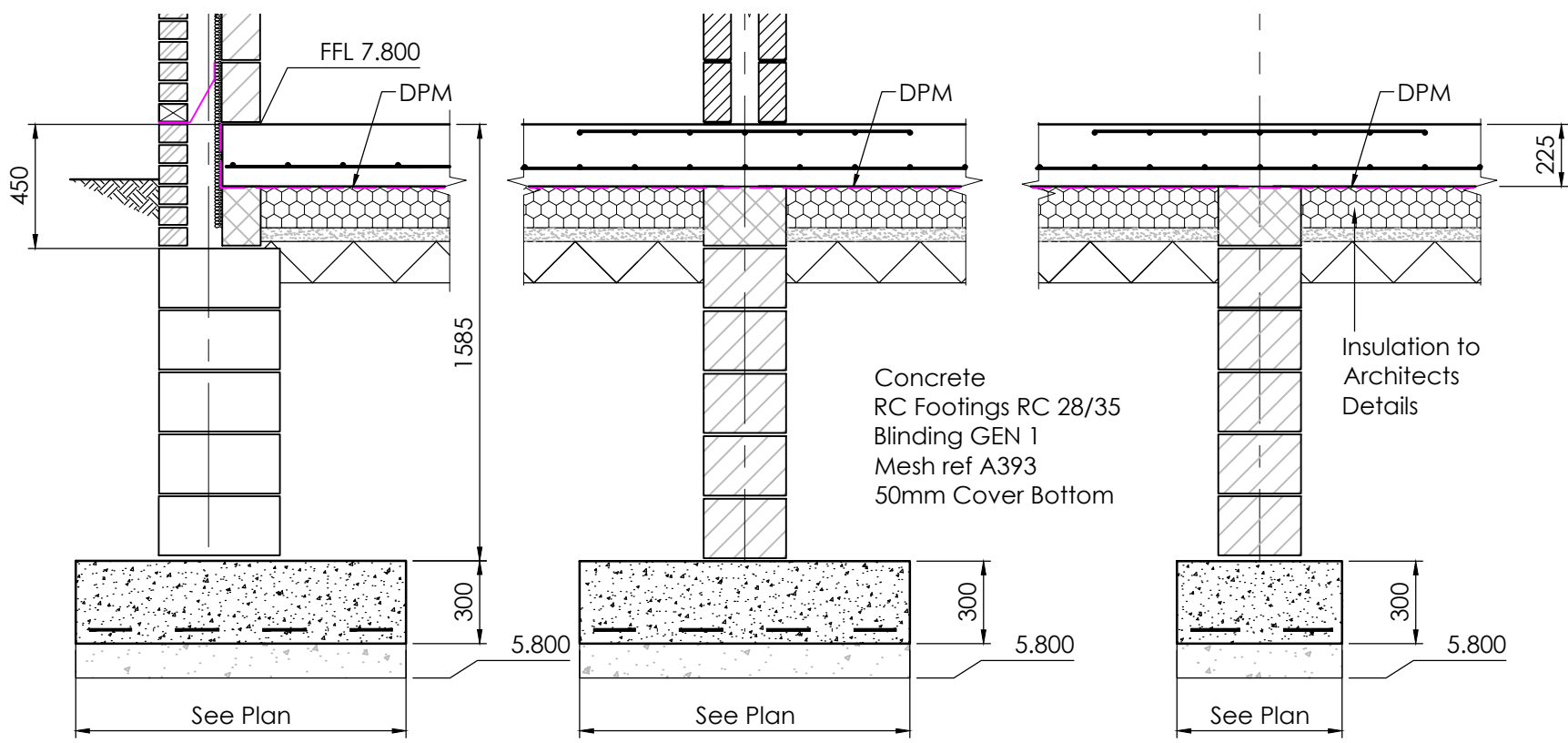
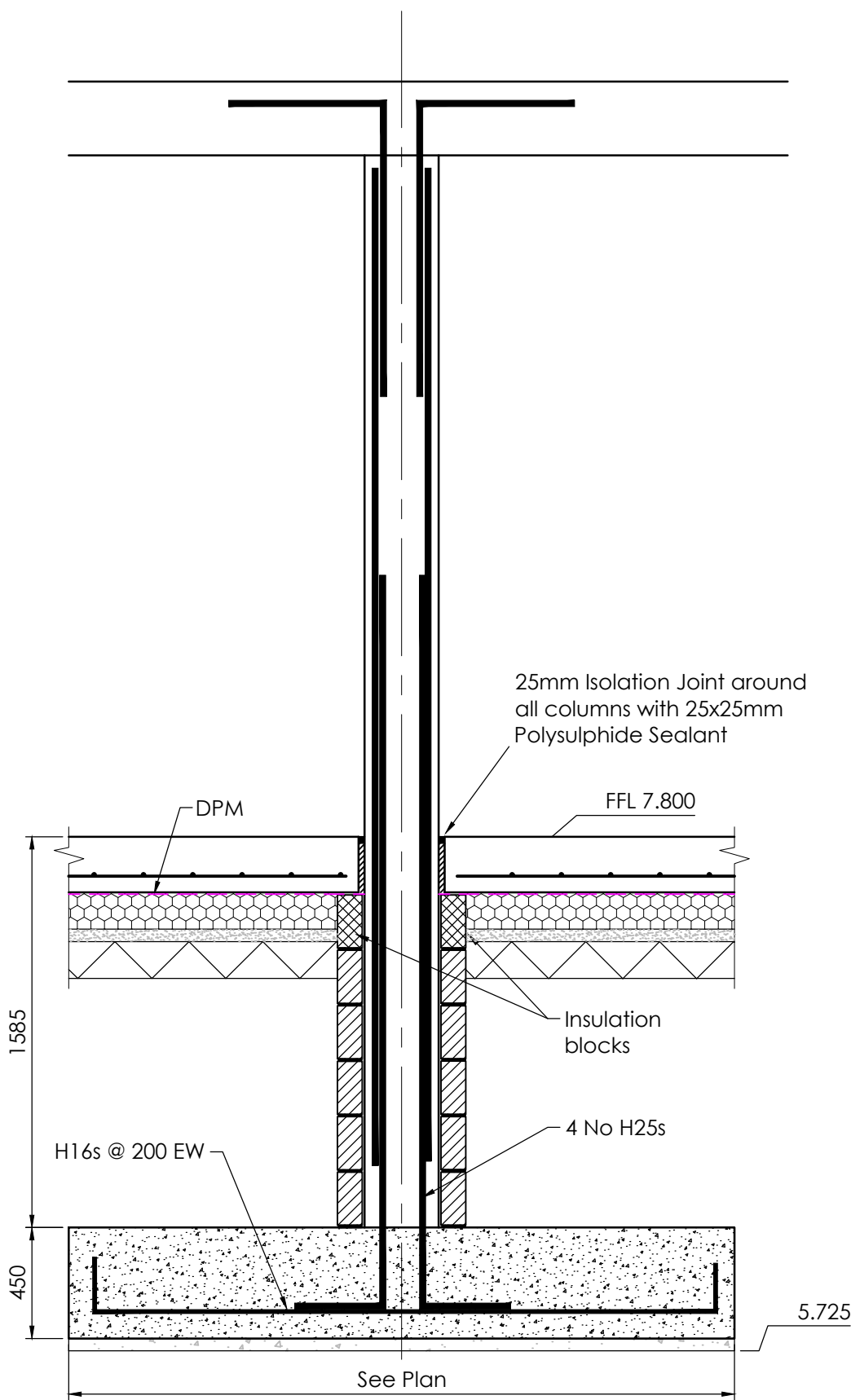




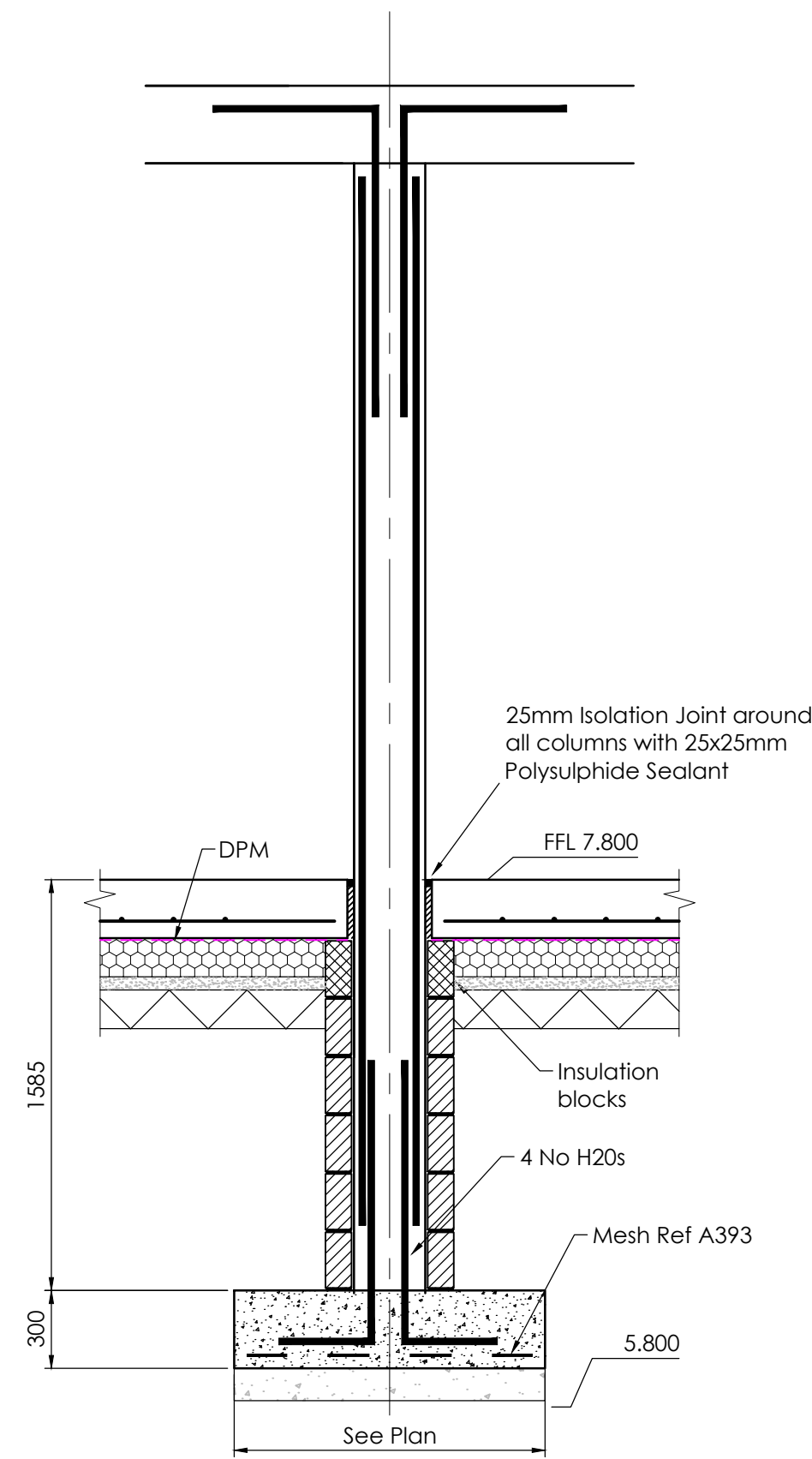
Typical External Wall
(Scale 1:25)

Typical Internal Wall
(Scale 1:25)

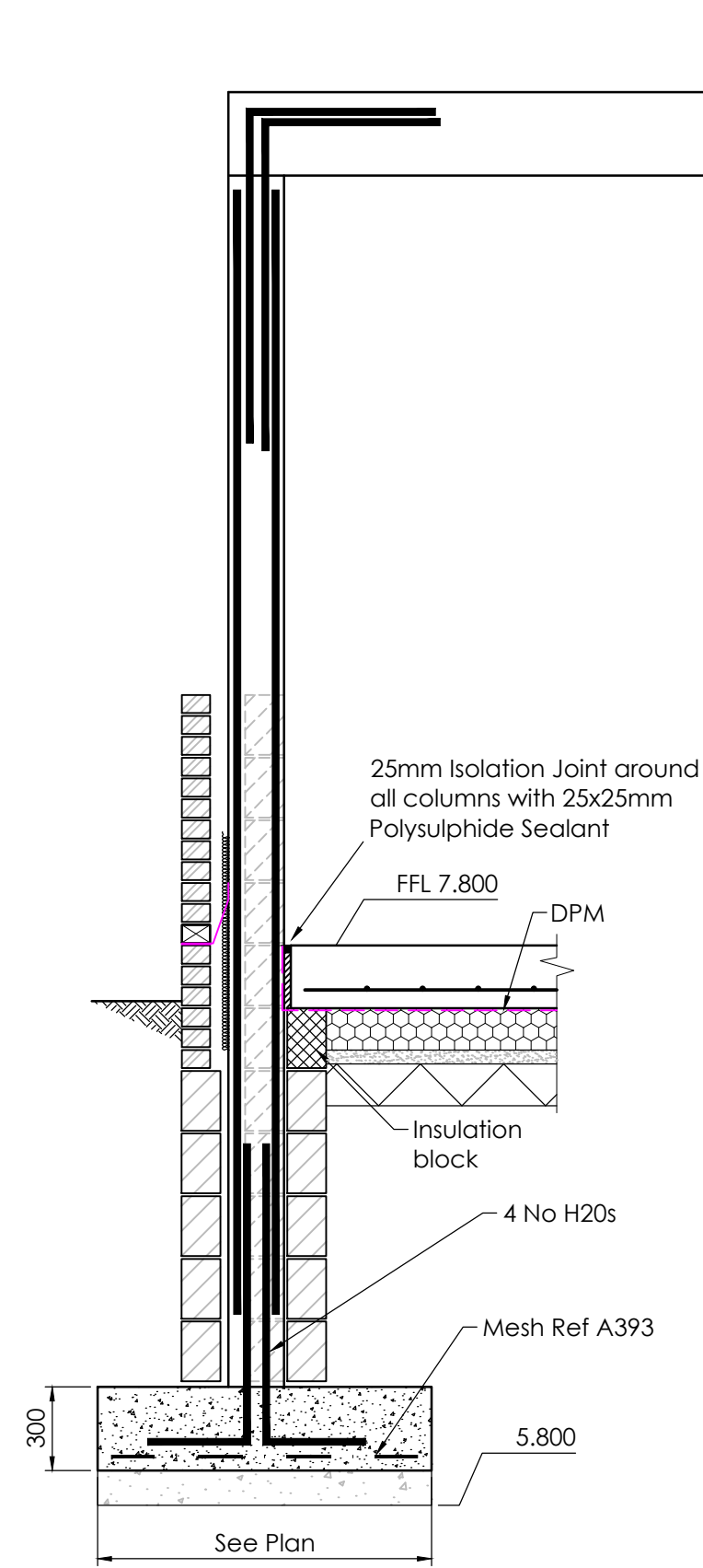
Typical Sleeper Wall
(Scale 1:25)



Internal Columns
(Scale 1:25)



Vertical Ties to Internal Walls
(Scale 1:25)



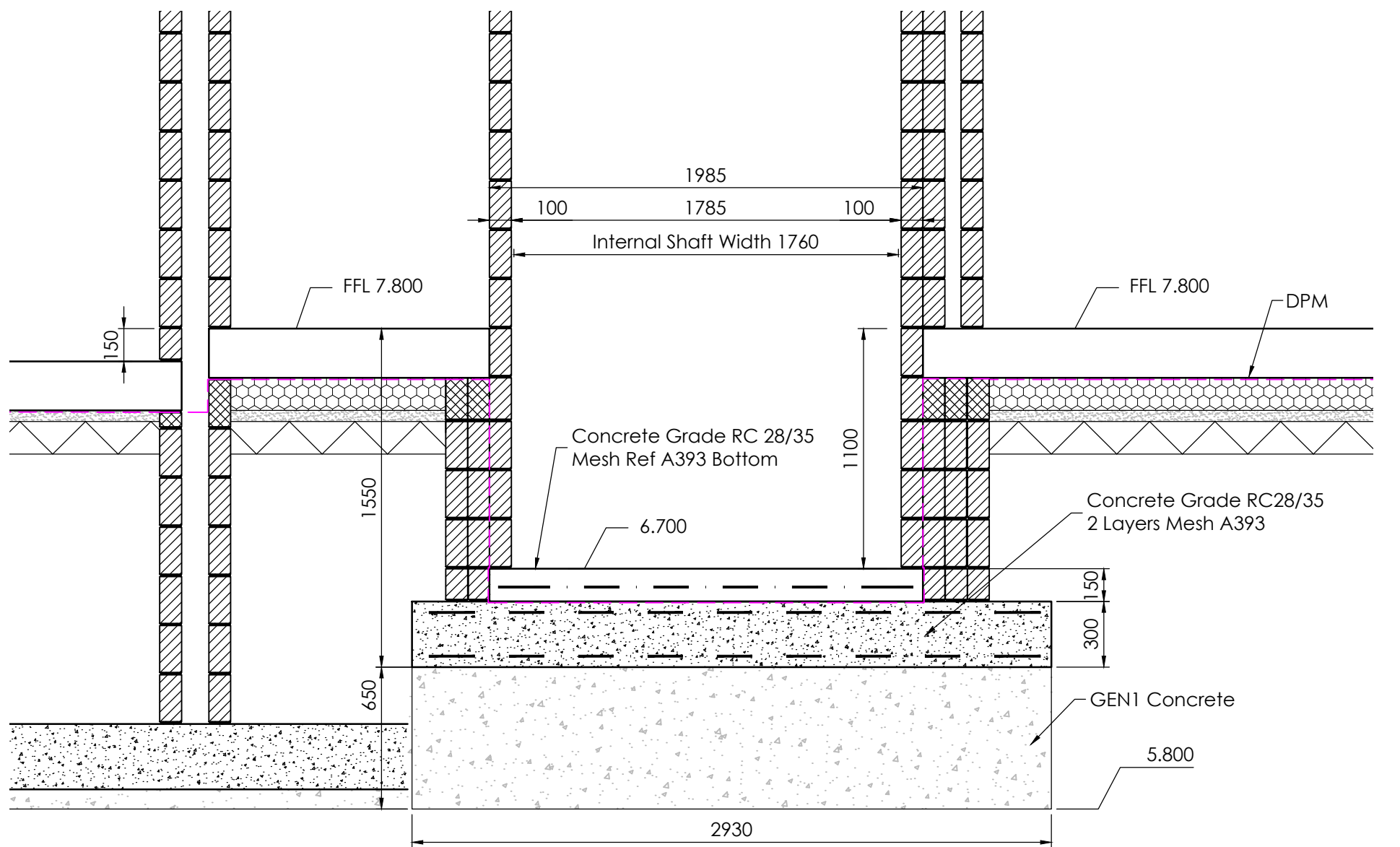
Vertical Ties to External Walls
(Scale 1:25)

General Notes: -

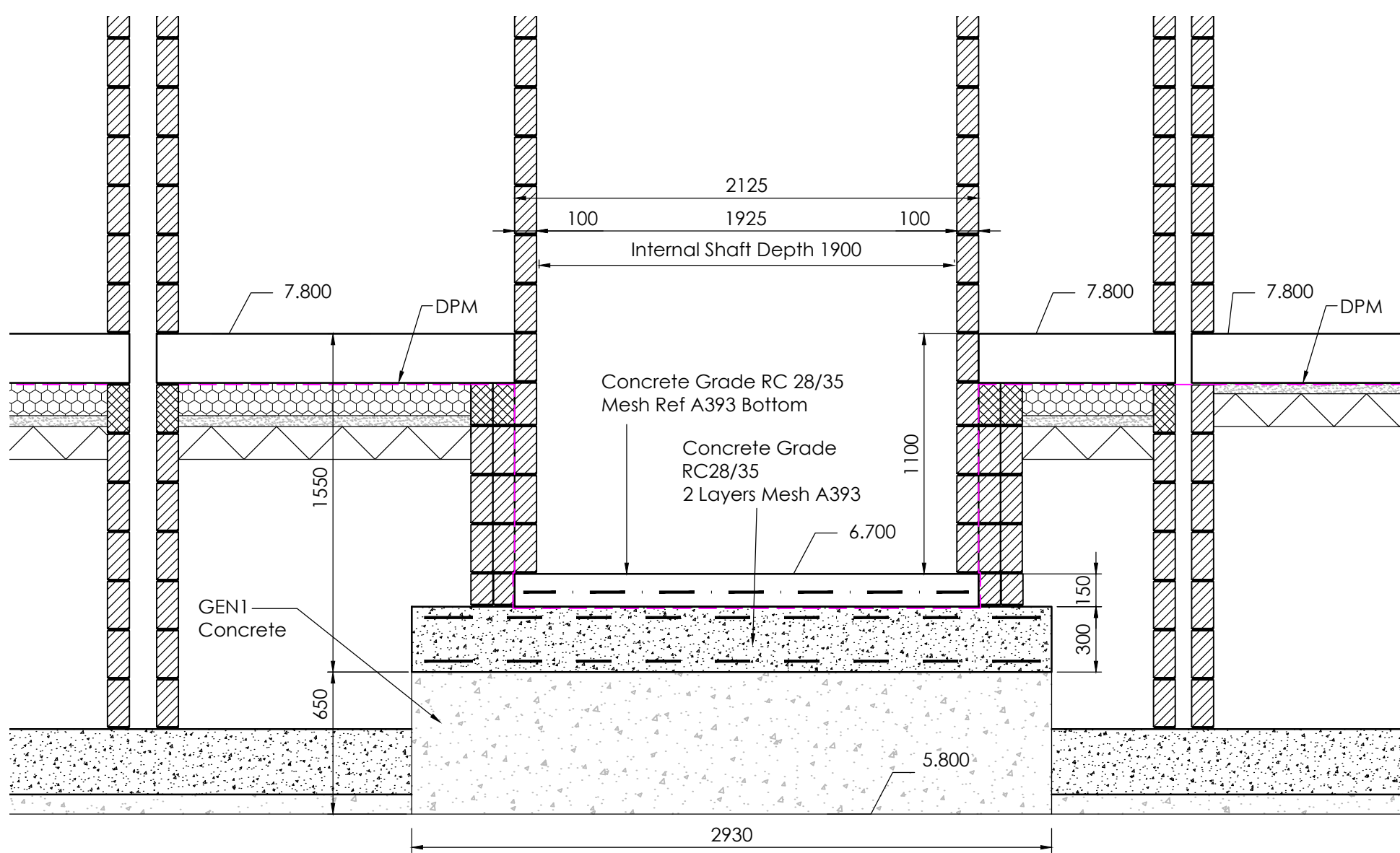
- G1. This drawing is to be read in conjunction with all relevant client, architects & specialists drawings & specifications.
- G2. All materials & workmanship shall be in accordance with NHBC Standards;
- G3. Foundations are designed for a net ground bearing pressure of 100kN/m²
- Substructure Masonry Notes: -
- M1. For brickwork specification refer to architect's details.
- M2. Substructure brickwork should be class F2 S2 in accordance with BS EN 771-1.
- M3. Substructure blockwork shall be autoclaved aerated blockwork and is to have an Agrément Certificate for use in that situation.
- M4. Substructure blockwork shall have a minimum compressive strength of 7.3N/mm².
- M5. The contractor is to provide all temporary bracing / strutting to brick / block walls to ensure their stability.
- M6. All substructure mortar to be class (iii) to BS 5628 Part i & iii.

Concrete Mixes: -

- C1. Unless noted otherwise, mixes shall be designated mixes in accordance with BS8500 and NHBC Standards Section 2.1, as follows:
- | | Designated Mix | Max. Agg. size (mm) | Consistence Class | ACEC Class | DS Class |
|---------------------|----------------|---------------------|-------------------|------------|----------|
| Foundations | RC28/35 | 20 | S3 | AC-1 | DS-1 |
| RC Columns and Ties | RC32/40 | 20 | S3 | AC-1 | DS-1 |
| Blinding | GEN1 | 20 | S3 | AC-1 | DS-1 |
- The above mix details for concrete in contact with the ground are based in accordance with the Geotechnical and Geoenvironmental Report prepared by Terra Firma ref. 04012022-17000-1 issue 01 dated 2020.
- C2. All workmanship, including formwork, reinforcement, testing, casting and curing, shall be in accordance with NHBC Standards Section 2.1



Lift Pit Section 4
(Scale 1:25)



Lift Pit Section 5
(Scale 1:25)

For Lift details refer to Ideal Lifts Constructors Work Booklet and Schedules ref. E969 rev. - dated 12.05.2023

For Lift details refer to Ideal Lifts Constructors Work Booklet and Schedules ref. E969 rev. - dated 12.05.2023

To be read in conjunction with Prime Architects drawings:

- Proposed Setting Out Plan ref. 1051-GA-01 rev. D dated 19.09.2023
- Proposed Ground Floor Plan ref. 1051-GA-02 rev. F dated 19.09.2023
- Proposed Section A-A ref. 1051-GA-12 rev. E dated 19.09.2023

C8	28.09.23	Section 5 updated	RT
C7	21.09.23	Architects layout and lift shaft updated	RT
C6	12.09.23	Lift shaft and pit depth updated	RT
C5	23.08.23	Underpinning details moved to new sheet	RT
C4	07.07.23	Bin/Cycle store FFL increased	RT
C3	05.07.23	Slab pulled back from inside blockwork within lift pit	RT
C2	03.07.23	Lift sections added. Sections updated	AS
C1	15.06.23	Construction Issue	JEC

Mark	Date	Details	By
------	------	---------	----

Revision history

Drawing originator:



Client:



Project title:

Eagle House
Port Talbot

Drawing title:

Foundations and Ground Floor Sections

Scale: 1:50 1:25 for the original size of A1

Drawn by: JEC | Checked by: | Passed by: | Date: April 23

Drawing status:

Construction

Job No:	Drawing No:	Project	Origin.	Volume	Level	Type	Discp.	Number	Revision:
CGL 04	BET							03	C8

Do not scale this drawing

6-7 Old Marsh Farm Barns, Welsh Road, Sealand, Flintshire, CH5 2LY
enquiries@betts-associates.co.uk

Cheshire 01244 288178 | Atricham 0161 413531 |