

- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm
- All proposed details shown are based on archive drawings and limited opening up works. Assumptions have been made regarding existing construction. All proposed details are preliminary only and final detailing will be required following completion of further opening up works.

Column Schedule

SC1	203x133x30 UB	SC12	100x100x10 SHS
SC2	203x203x46 UC	SC14	203x203x113 UC
SC3	200x100x10 RHS	SC16	180x180x10 SHS
SC4	152x152x23 UC	SC17	350 x 350mm
SC5	254x254x73 UC	SC18	UC254x254x89
SC7	152x152x30 UC	STR1	2No 10mm plates welded to existing columns
SC8	203x203x60 UC		
SC10	90x90x10 SHS		
SC11	200x120x6.3 RHS		

Beam Schedule

B1	152x152x30 UC	B38	RHS90x150x10
B2	180x90x26 PFC	B40	356x127x33 UB
B4	254x254x73 UC	B41	125x65x15 PFC
B5	203x133x30 UB	B42	150x100x8 RHS
B6	200x90x30 PFC	B43	254x254x89 UC
B7	254x146x37 UB	B44	200x150x10 RHS
B8	305x165x40 UB	B47	406x140x39 UB
B9	203x203x46 UC	B48	356x368x129 UC
B10	200x100x10 RHS	B49	UB305x135x54
B13	203x203x73 UC	B50	UB356x171x67
B14	300x200x12.5 RHS	B51	100x100x5 SHS
B15	254x254x107 UC	B52	RHS250x120x8
B16	203x203x86 UC	B54	RHS250x150x8
B18	254x102x22 UB	B55	UC152x152x37
B20	305x305x118 UC	BR1	100x10 MS Flat Bracing
B22	203x203x52 UC	D1	2No 200dp x 50wd timber joists bolted together to form double joist
B23	203x102x23 UB	EA1	100x100x10 EA fixed to perimeter
B24	203x203x60 UC	EA2	150x90x10 UA
B25	305x305x158 UC	EA3	L100x50x8
B26	254x102x25 UB	EB5	7" x 4" x 16
B27	250x200x12.5 RHS	EBx	Extg Beam
B29	203x133x25 UB	L1	100x65 PC lintel
B30	152x152x23 UC	TWB2	50x10 MS Flat Bracing
B31	230x90x32 PFC		
B32	260x90x35 PFC		
B33	430x100x64 PFC		
B34	254x146x31 UB		
B36	305x305x97 UC		
B37	TUB133x102x13		

Floor Schedule

Concrete Floor	Profiled deck	Timber Floor	Glass Floor
1	200 thk RC slab		
2	150 thk RC slab		
4	200 d x 63 w C24 joists at 400 crs with 18 thk plywood screwed to top face of joists		
5	150 thk profiled NWC slab on TATA Comflor 60 1.0 mm gauge deck with A193 mesh top and 1 no. H10 bar per trough		
7	210 thk profiled NWC slab on TATA Comflor 100 1.2 mm gauge deck with A252 mesh top and 1 no. H12 bar per trough. Allow a single prop to slab mid span		
8	250 d x 63 w C16 joists at 400 crs with 18 thk plywood screwed to top face of joists		
9	150 d x 50 w C16 joists at 300 crs with 18 thk plywood screwed to top face of joists		
16	150 thk Bison hollow core slab or similar approved		
18	30mm approx proprietary open mesh floor		
19	250 thk WRC ground bearing slab on 50mm blinding and 150 compacted type 1 fill		
20	200 d x 63 w C24 joists at 300 crs with 18 thk plywood screwed to top face of joists		
21	225d x 63w C24 joists @ 300 crs with 18 thk Class 3 marine plywood screwed to top face of joists		
23	250 thk WRC slab infill		
24	130 thk profiled LWC slab on TATA Comflor 60 1.0mm gauge deck with A393 mesh top and 1 no. H10 bar per trough		
E1	Existing 200 thk RC slab		

Legend

	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	PS1 - 450lg x 215wd x 150dp MC padstone
	PS2 - 600lg x 215wd x 215dp MC padstone
	ST Connection Strengthening
	C Crank
	S Splice
	M Moment connection
	TB Thermal Break
	B1 / 25mm Pre-camber
	BB Break in beam
	Timber Wall Plate

C1	07.08.20	IRS	COR	Construction Issue
W1	05.06.20	IRS	COR	Work in Progress
T2	05.11.18	SLS	LB	Revised Contract B Tender
T1	21.09.18	SLS	LB	Issued for Tender
Rev	Date	By	Eng	Amendments

HEYNE
TILLET
STEEL

STRUCTURAL
ENGINEERS

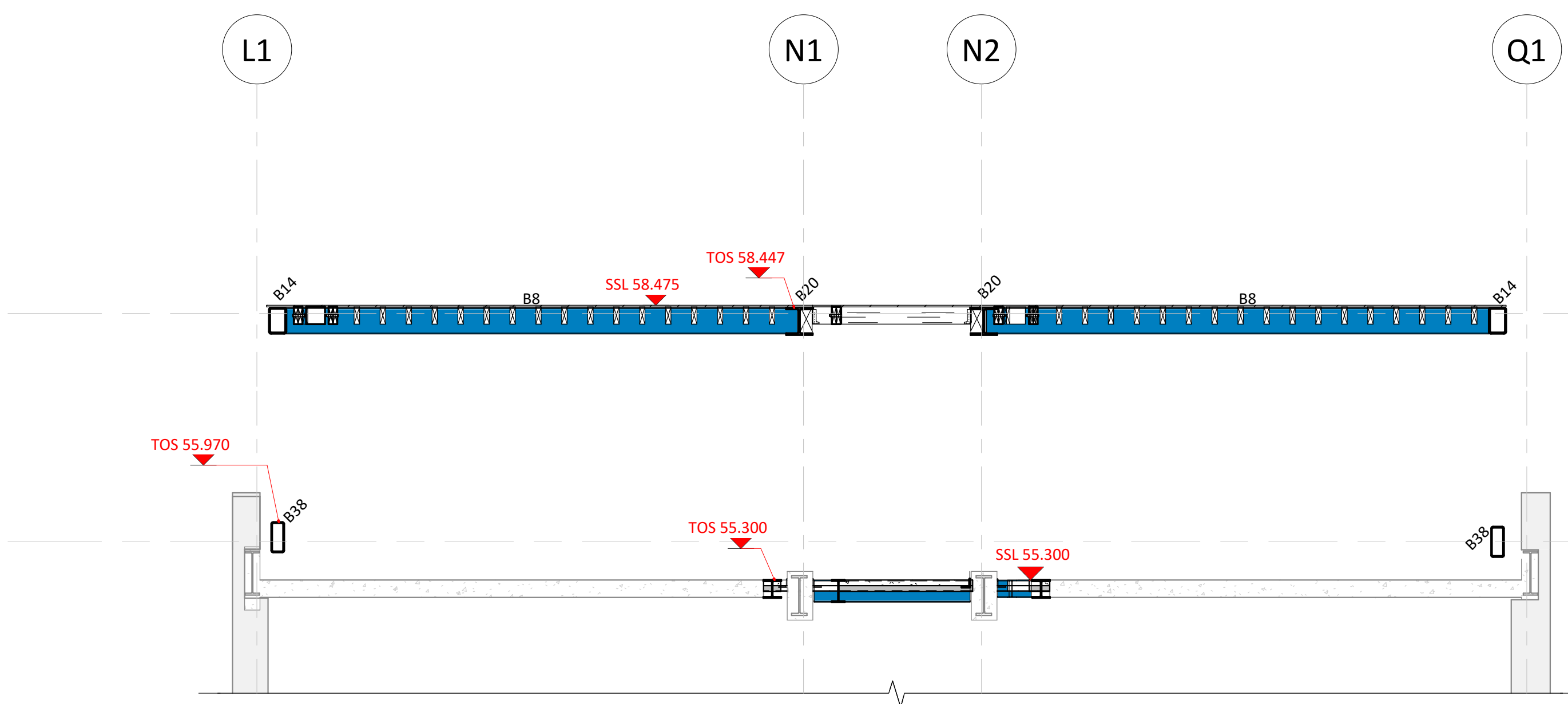
hts.uk.com

Job Name
Hornsey Town Hall
N8 9JJ
Block: Town Hall
Drawing Title
Proposed
East Wing Roof Extension
Sections and Details

Purpose of Issue **Construction** Scale at A0

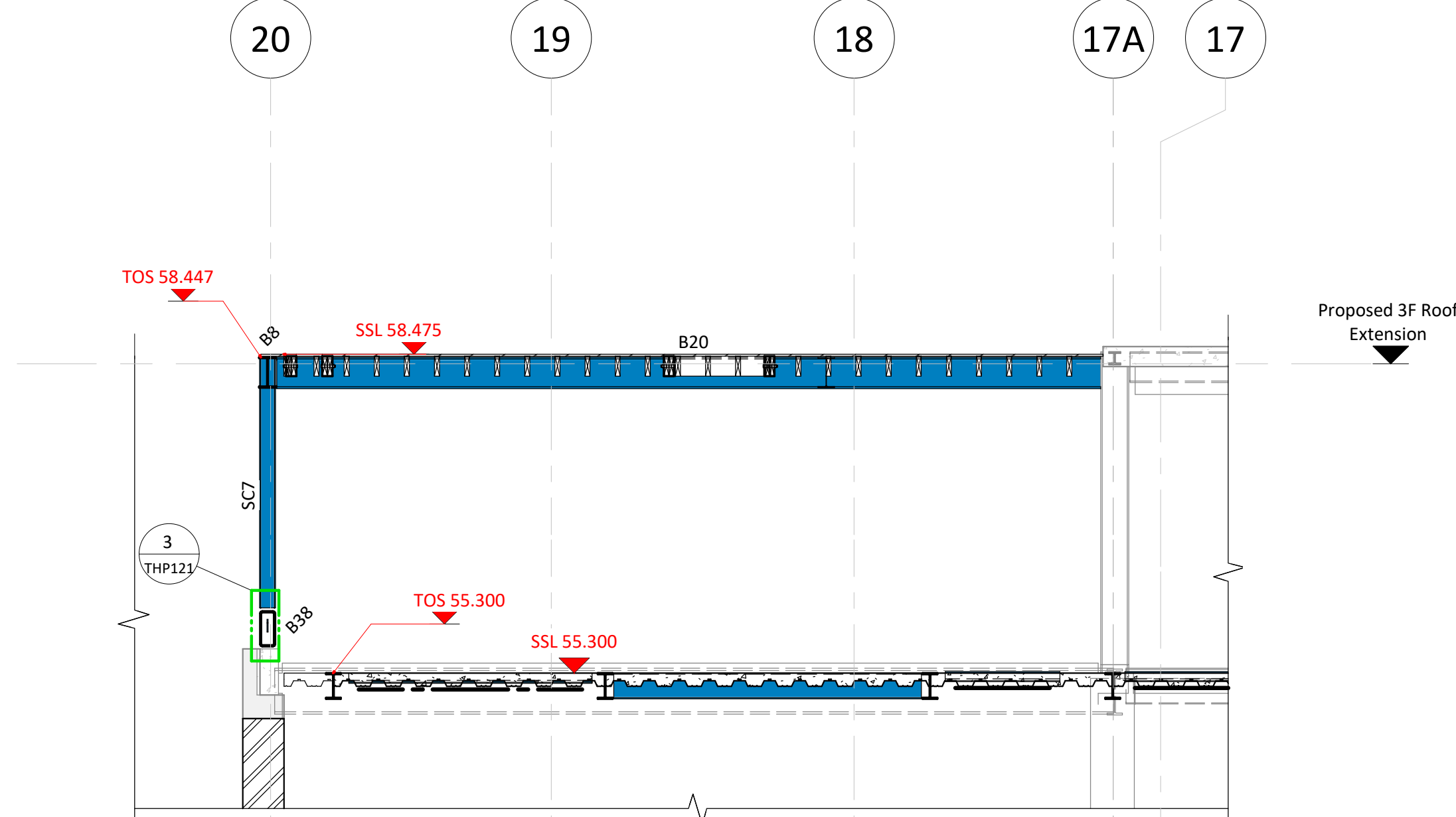
Drg No **1862/THP121**

Rev **C1**



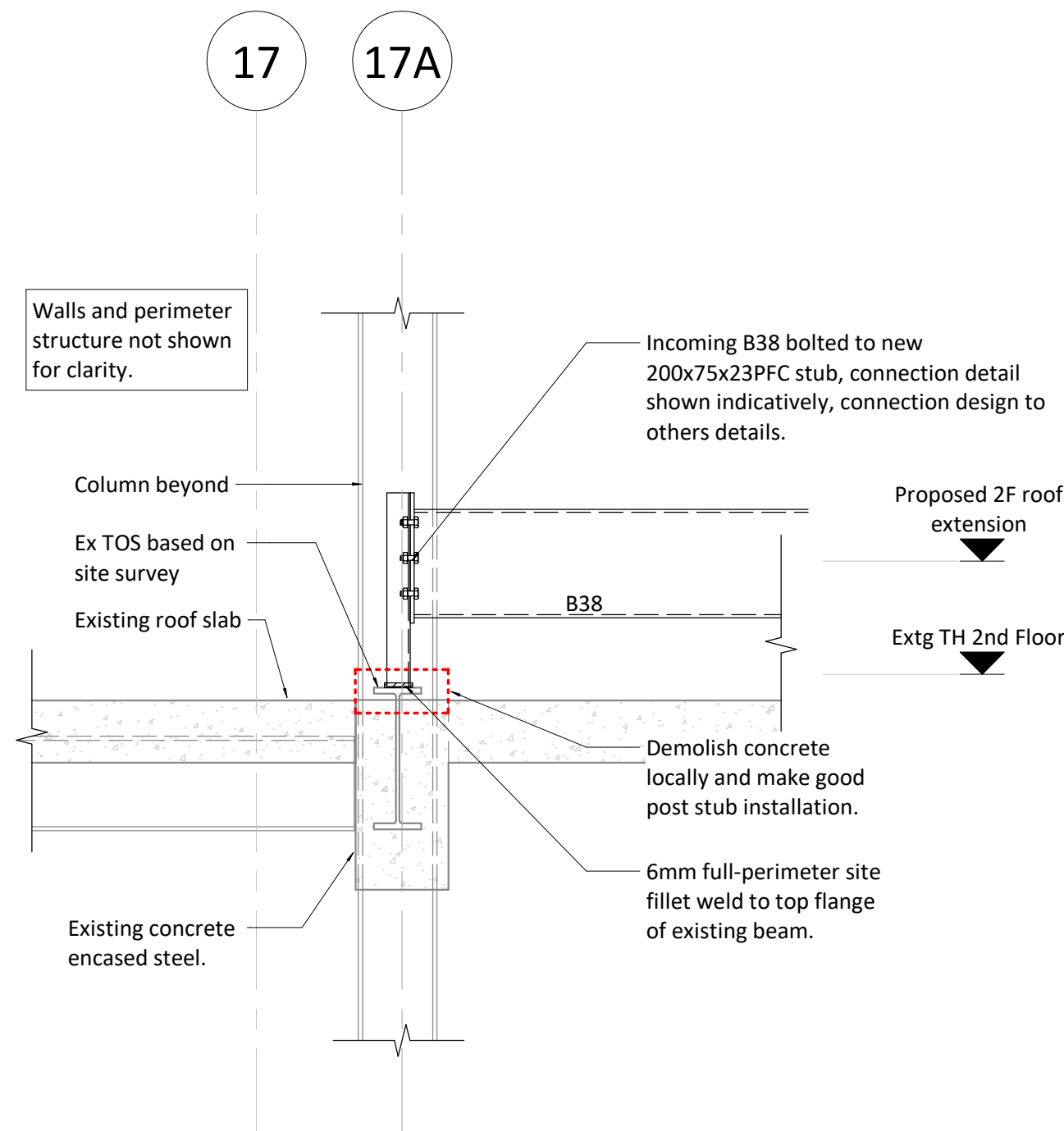
Section 1-1

1 : 50



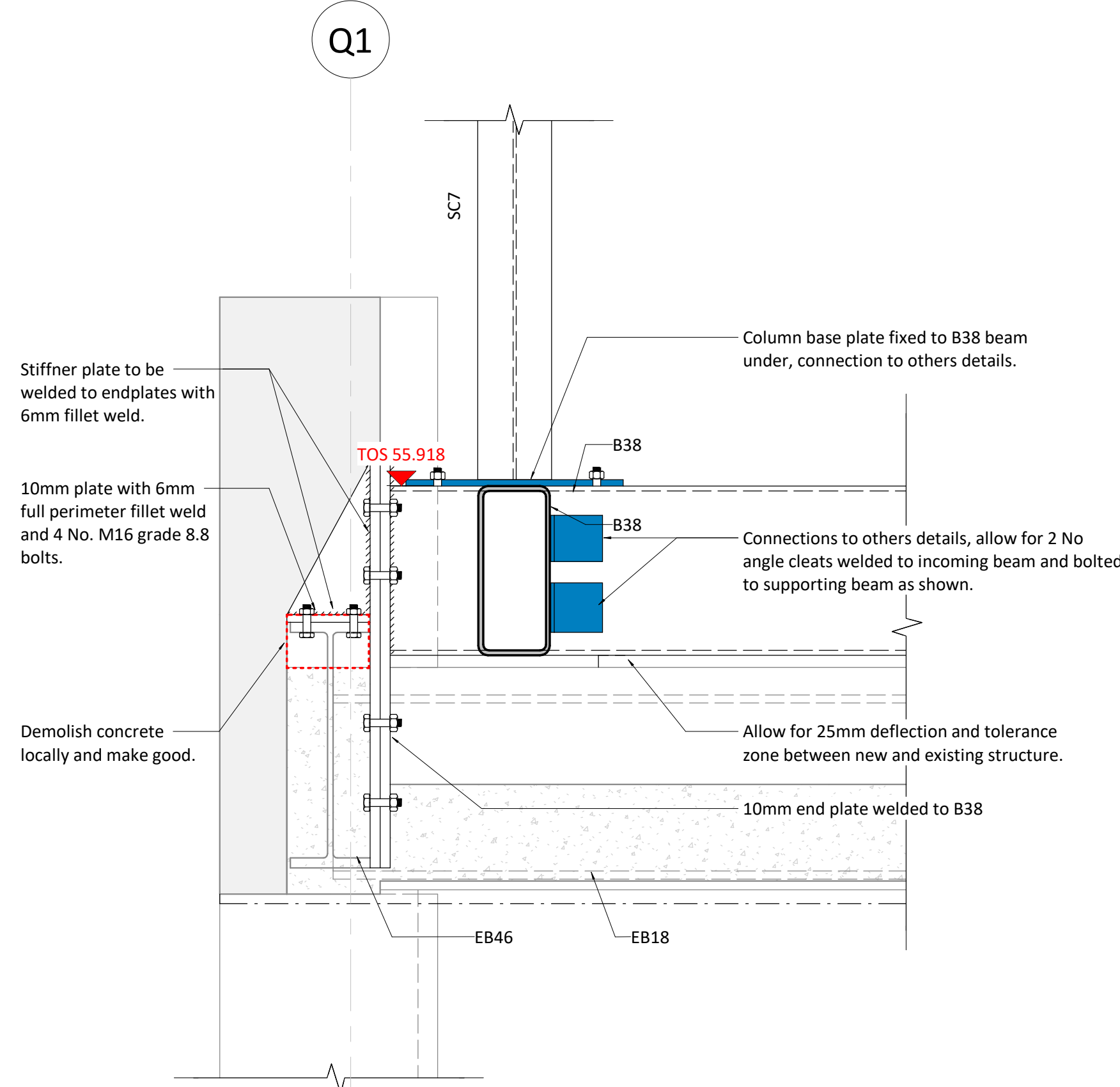
Section 2-2

1 : 50



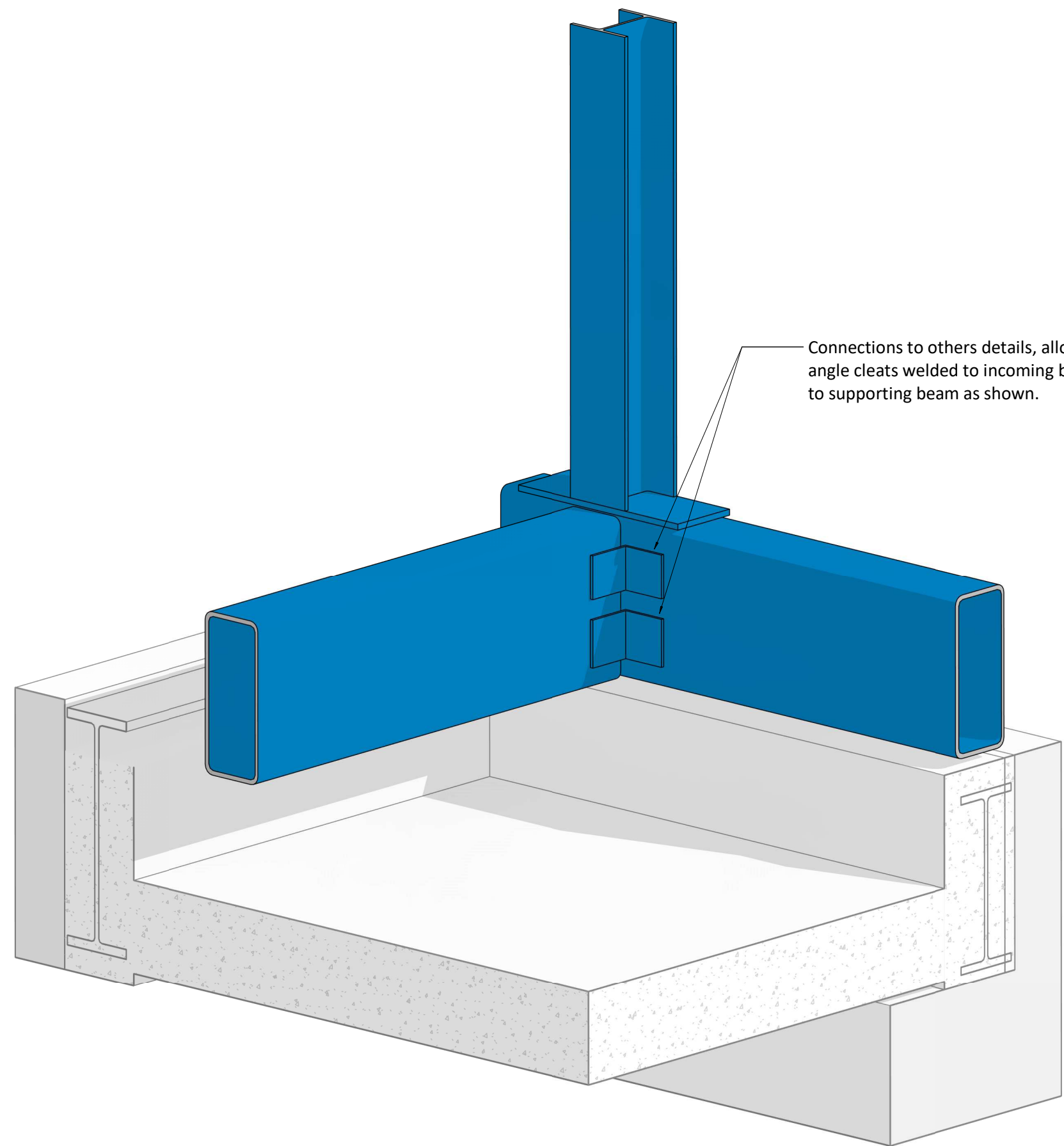
Section 5

DWG THP125 1 : 20

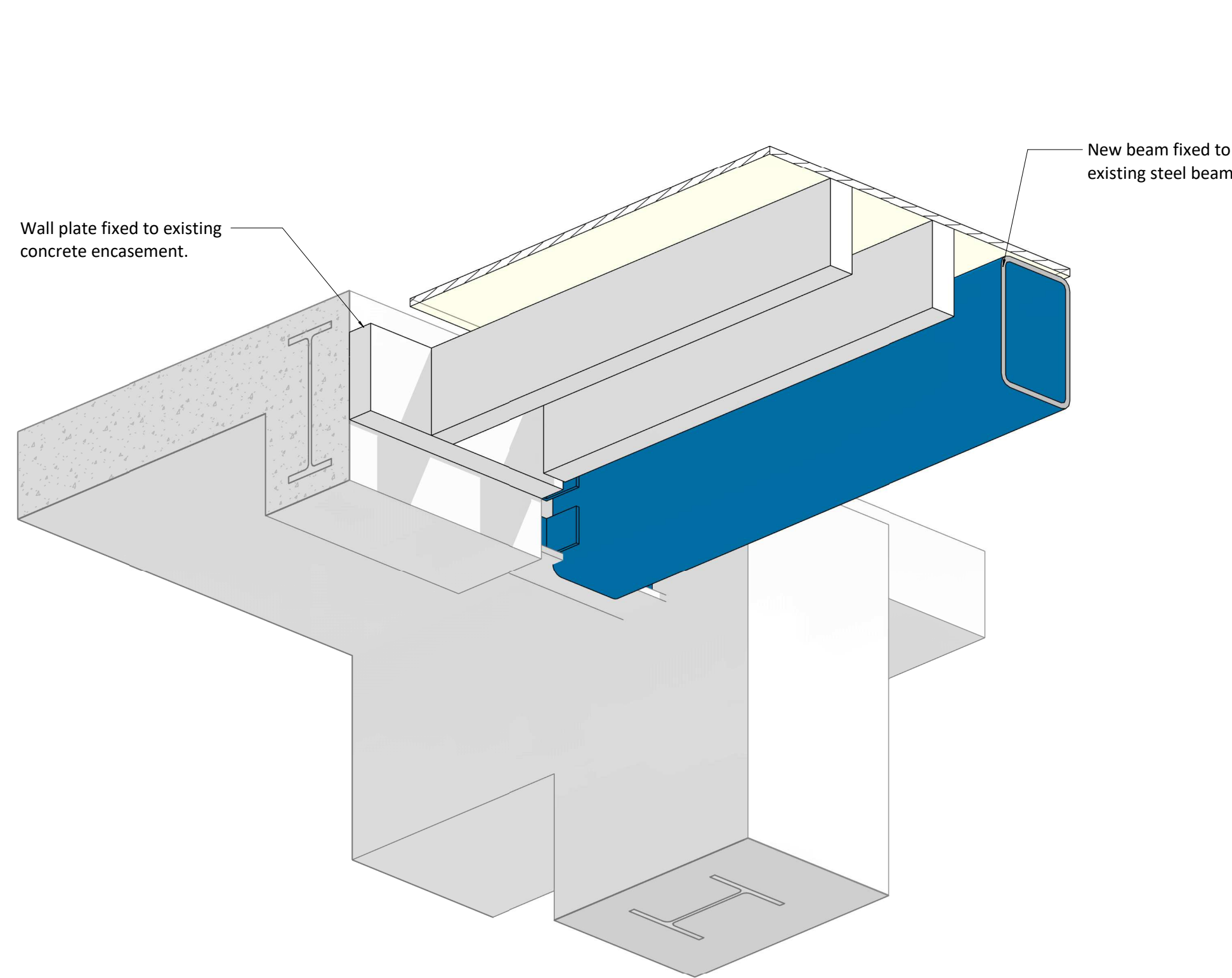


Section 3-3

DWG THP123 1 : 10

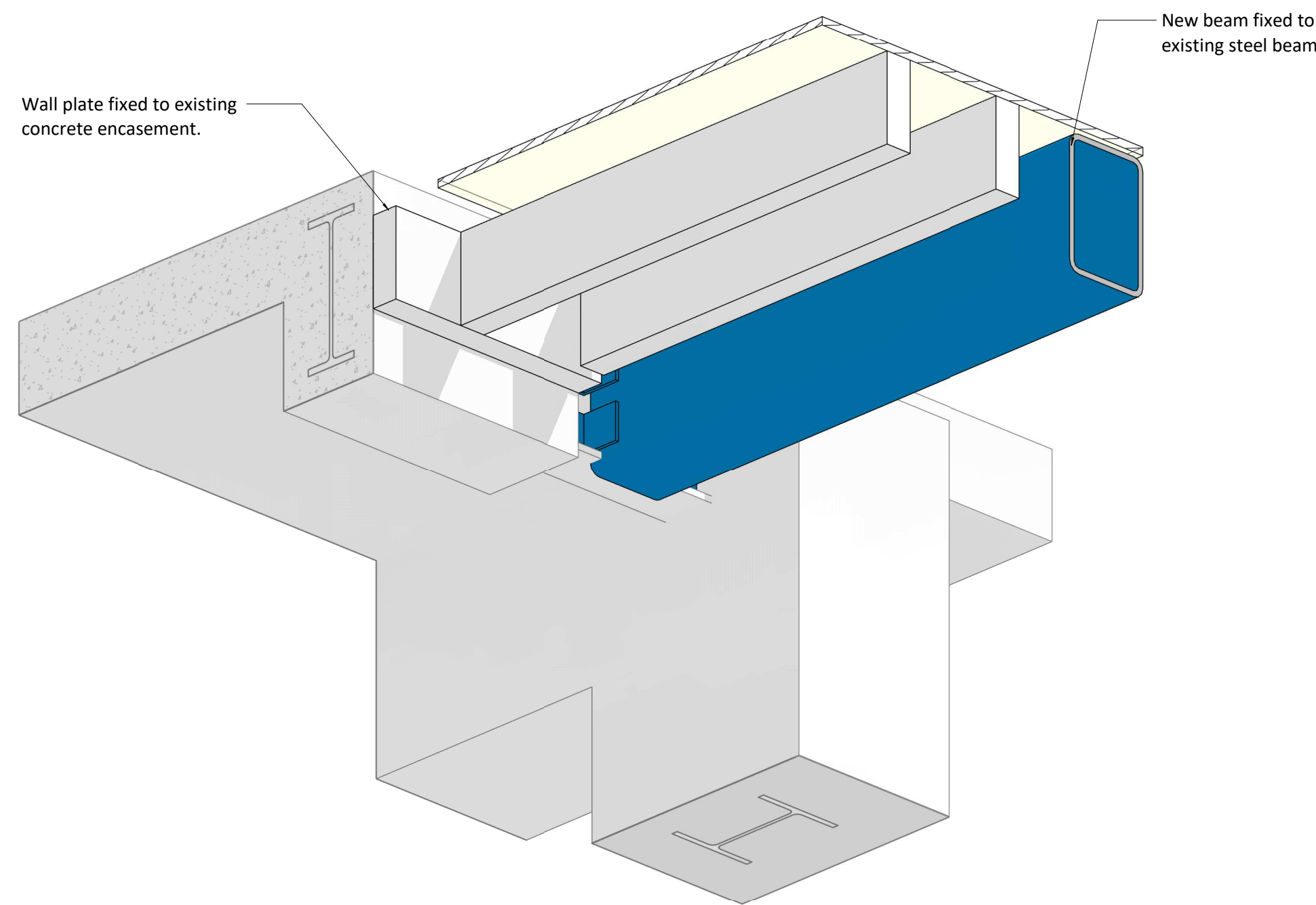


View on Section 3-3

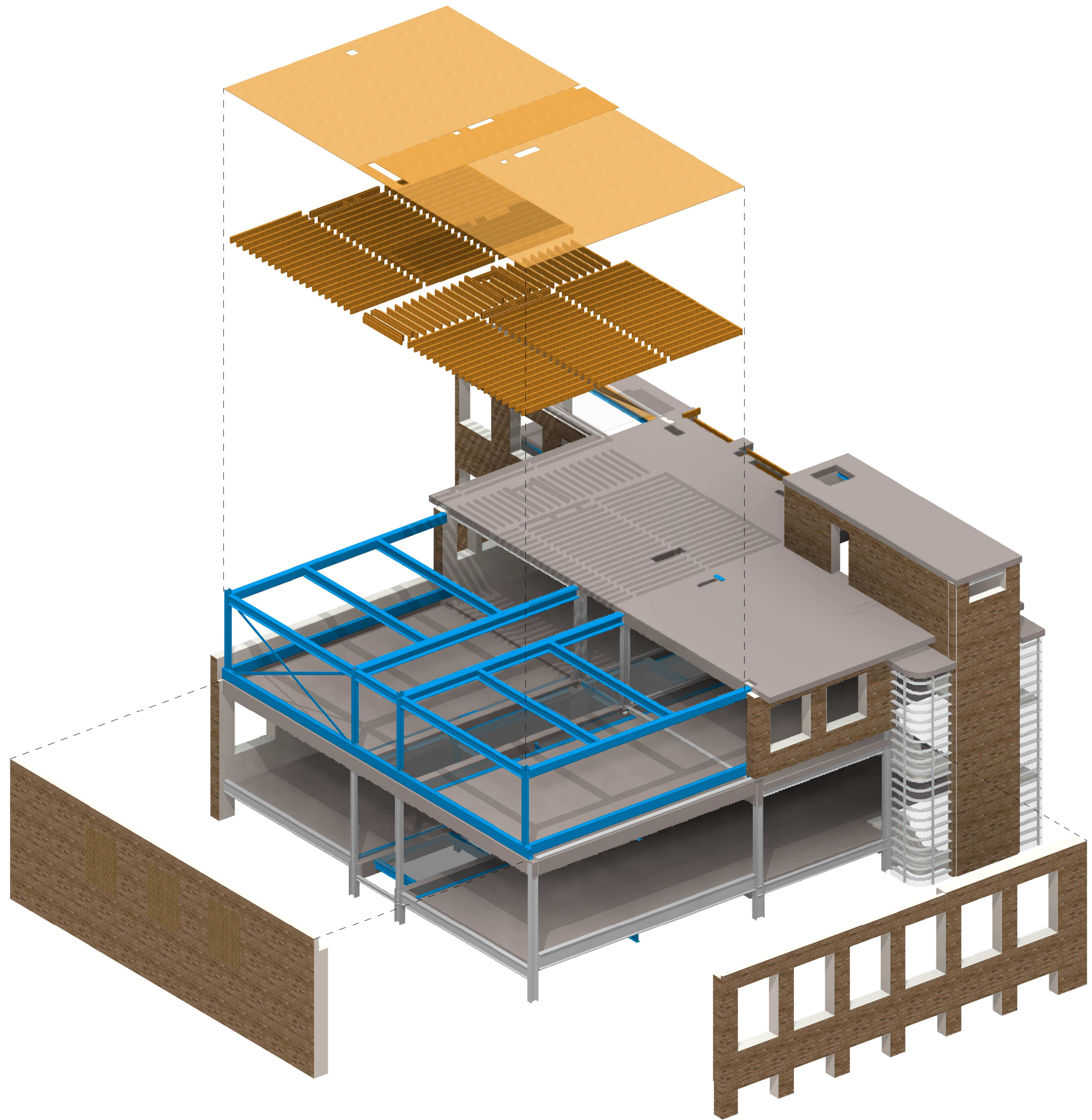


Section 4-4

DWG THP135 1 : 10



View on Section 4-4



Proposed East Wing Extension - Exploded