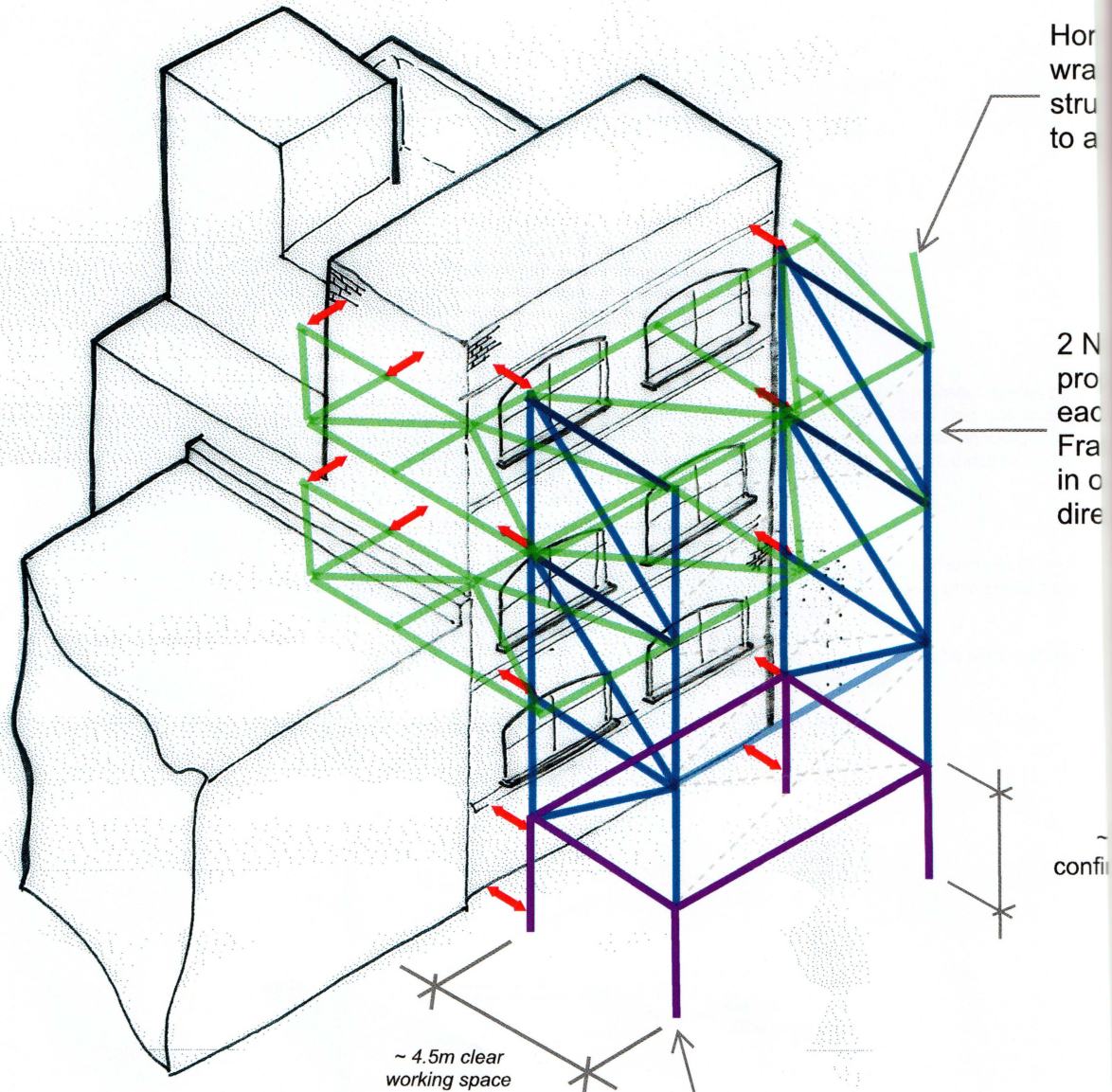


**FRONT ELEVATION  
PROPPING**



**Legend:**

- Bottom 457UB members to form portal frame system to give clear access space to plant below
- Vertical 152UC37 members arranged as a cantilever truss, built off portal frame under
- Horizontal 152UC37 truss members arranged with cantilevering truss ends to support flank walls
- Bracing members to frame in out-of plane direction (partially omitted for clarity)
- Jacks between frame members and existing masonry line. To be installed at floor junctions of existing building and carefully tightened after frame installation

Frames to be fixed to piles under (omitted for clarity)

Final position of frames temporary piles with permanent piles

- All items shown are indicative and are subject to detailed design changes and findings of investigative works on site

- This drawing is to be read in conjunction with all relevant other temporary works drawings and method statements

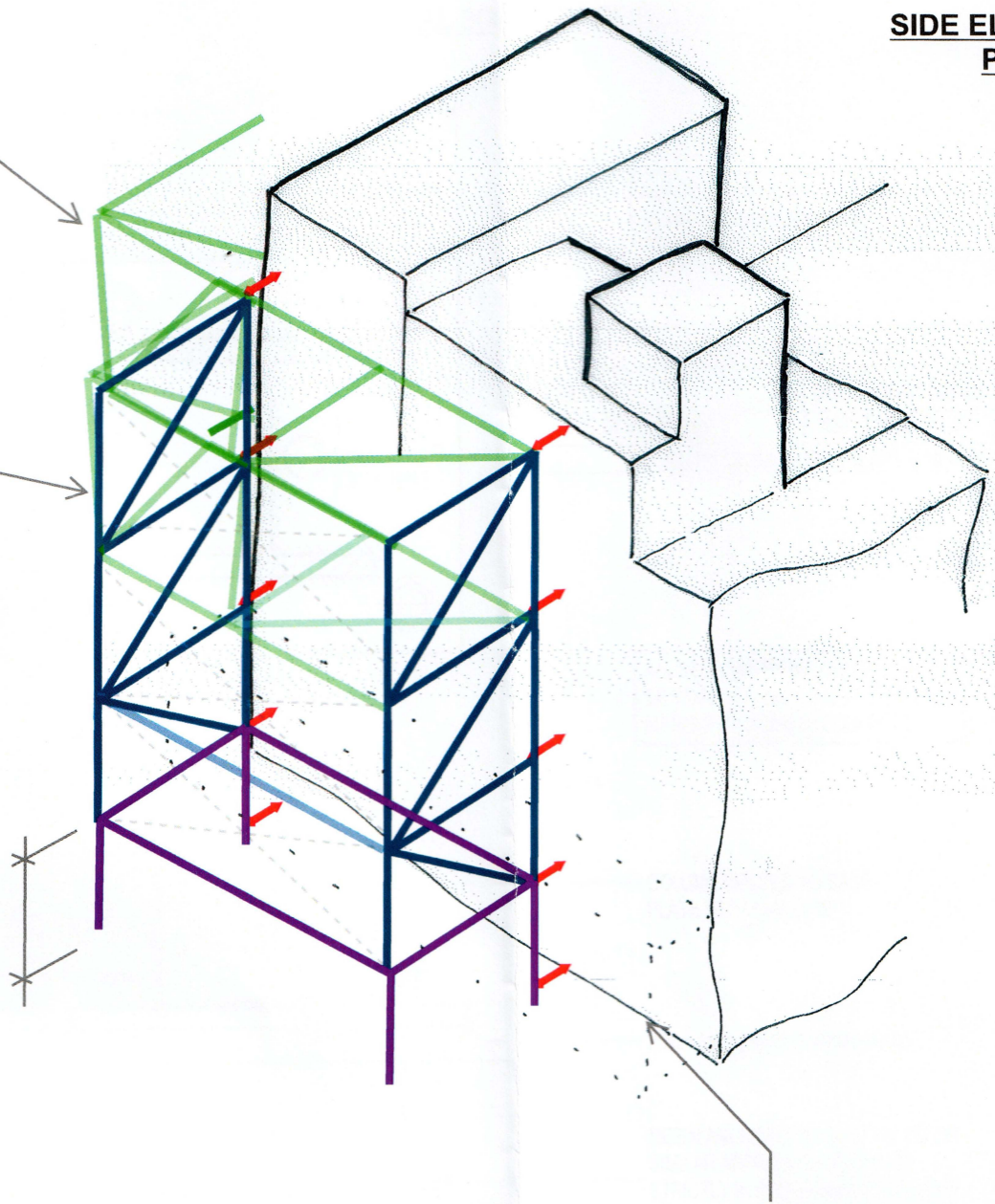
P1	09/11/17	BB	GP	Preliminary
rev	date	by	chk	description

**SIDE ELEVATION  
PROPPING**

horizontal trusses to  
wrap around corner of  
structure and continue  
to adjacent frames

No. vertical  
propping frames to  
each available façade.  
frames to be braced  
out-of plane  
direction

~3.5m contractor to  
firm height for suitability  
of clear working



pile cap on top of temporary  
(clarity)

TBC following co-ordination of  
permanent works structure

Flank walls and any internal return  
walls should be retained whilst  
installing piles and framing. Once frame  
is completed the remaining portions of  
the lean-to building can be demolished

sketch title  
Outline of propping to No. 5  
Denmark Street

**SKETCH**

scale (s)      date      drawn  
NTS              NOV'17          BBe

**elliottwood**

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Wimbledon • Central London • Nottingham  
Consulting Structural and Civil Engineers  
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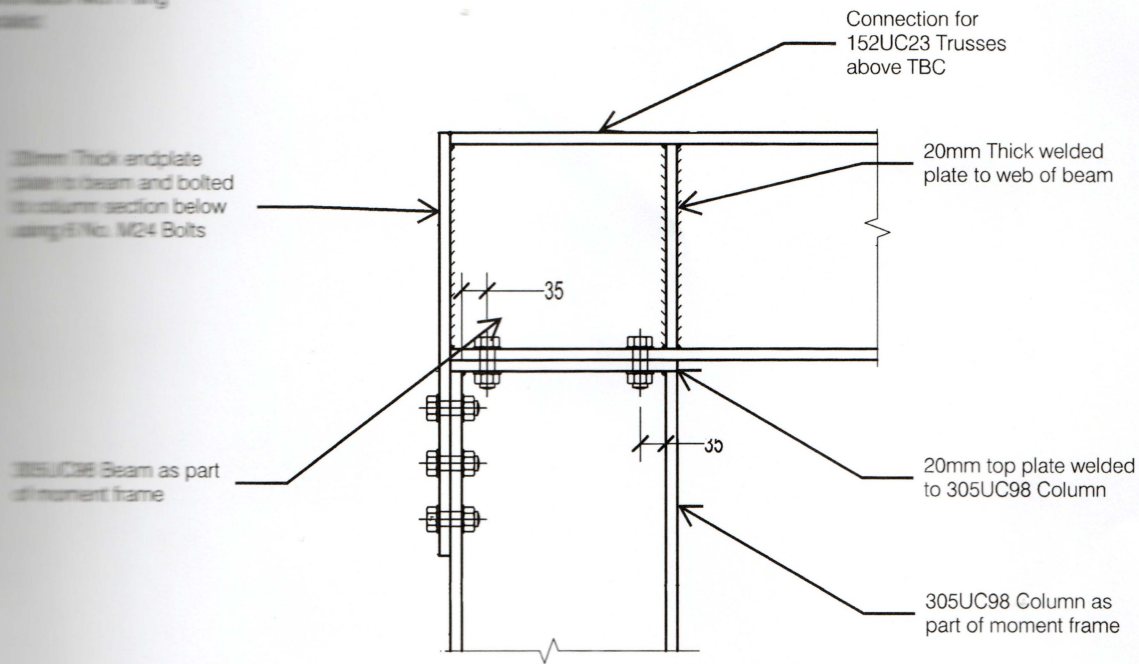
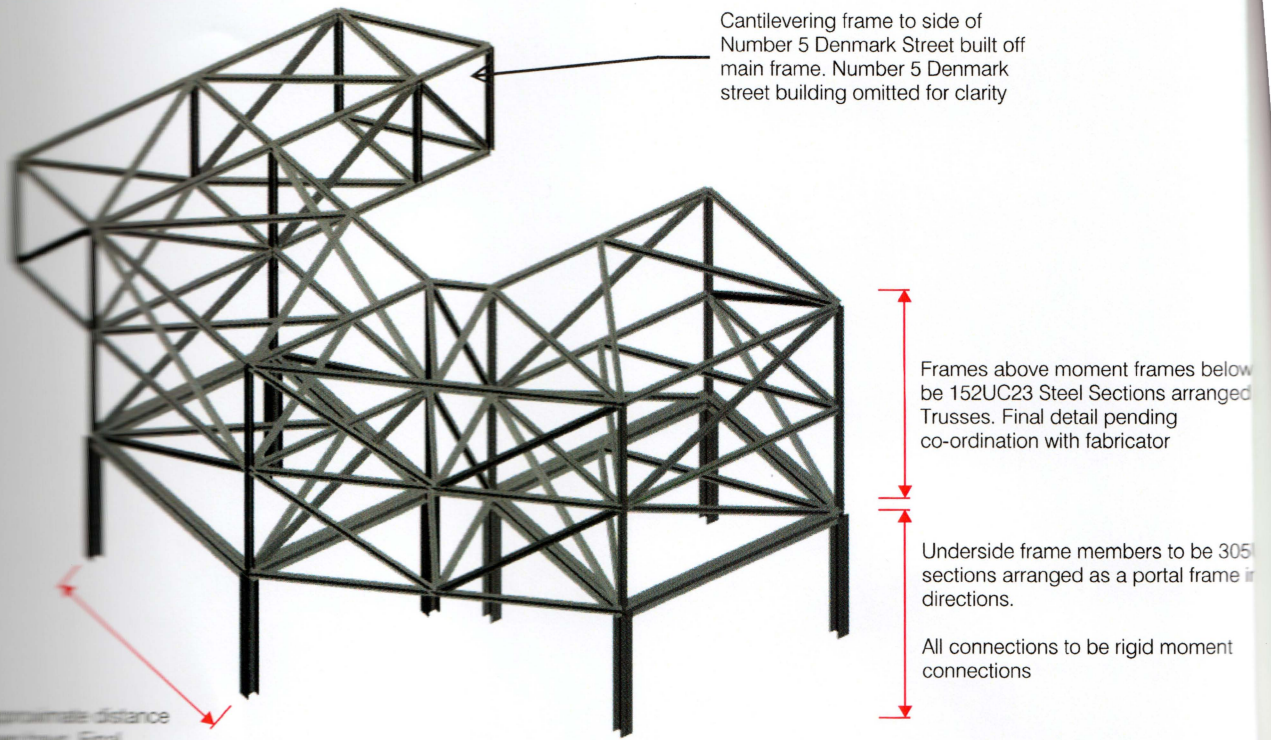
project  
4-5 Denmark Street

Project no.  
2170648

Sketch no.  
SK/100

revision  
P1

**ISOMETRIC VIEW**



**TYPICAL 305UC98 MOMENT CONNECTION**

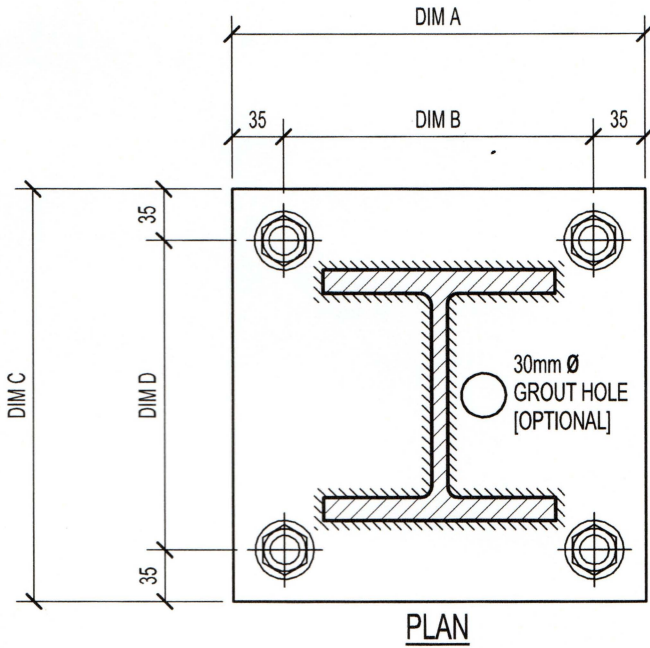
All items shown are indicative and subject to findings of site strip-out and detailed design

Setting out of final structure by contractor and dimensioning of steel by fabricator

All steel to be grade S355. All bolts Minimum Grade 8.8. All welds minimum 6mm CFW U.N.O

P1	25/01/18	BB	GP	Preliminary
rev	date	by	chk	description

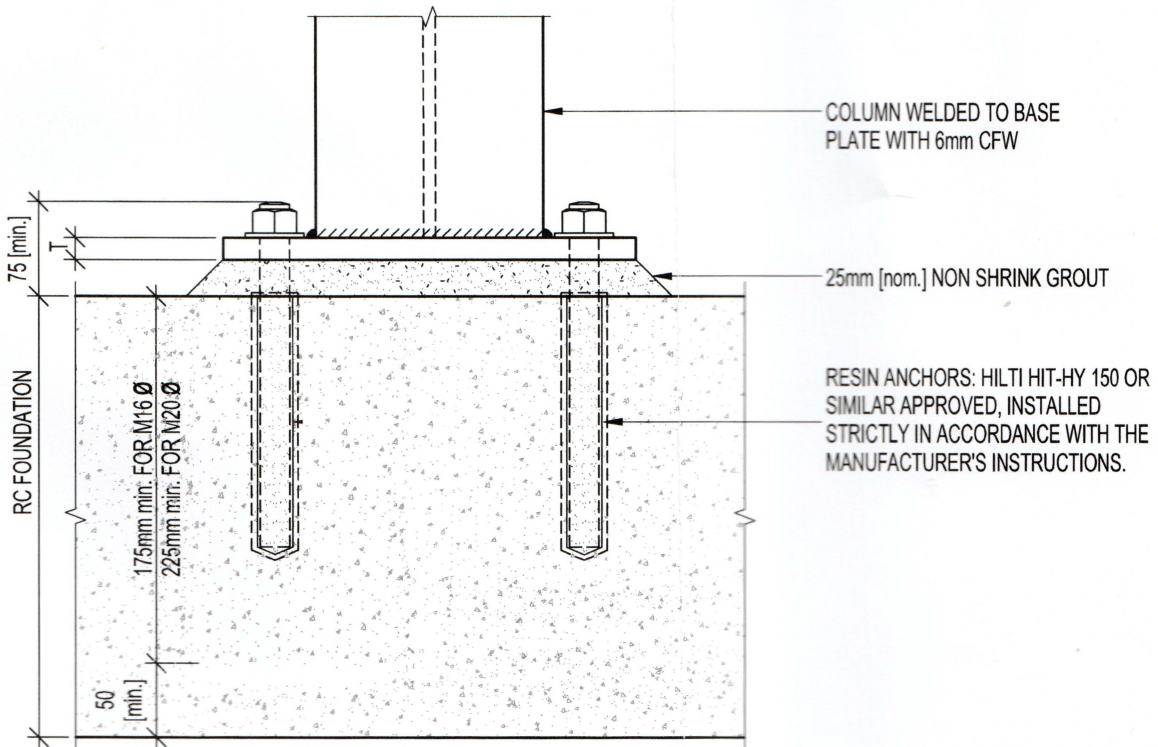
# TYPICAL 305UC BASEPLATE



NOT TO BE USED AS  
MOMENT CONNECTIONS.

BASE PLATE SCHEDULE				
COLUMN	DIM A	DIM B	DIM T	BOLTS
305UC 97 to 137kg/m	430	360	20	M20
ALL DIMS INCLUDING BOLT Ø ARE MINIMUMS				

ALL STEELWORK BELOW GROUND TO  
BE WRAPPED WITH D49 WRAPPING  
MESH AND CASED IN CONCRETE.



sketch title  
Support Frame Typical Details -  
Sheet 1

**SKETCH**

scale (s)      date      drawn  
NTS      JAN ' 17      BB

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Sketch no. SK/110	revision P1