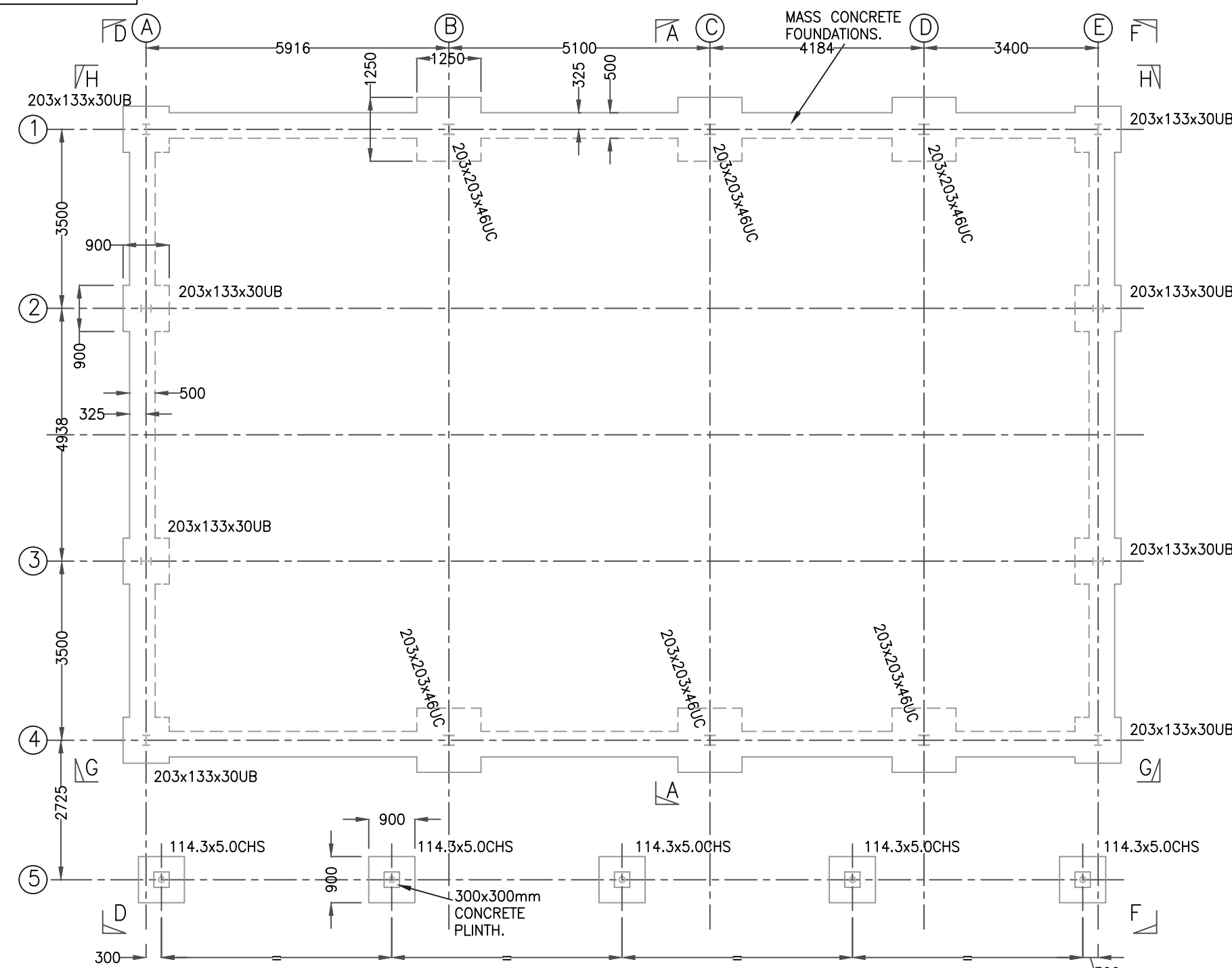
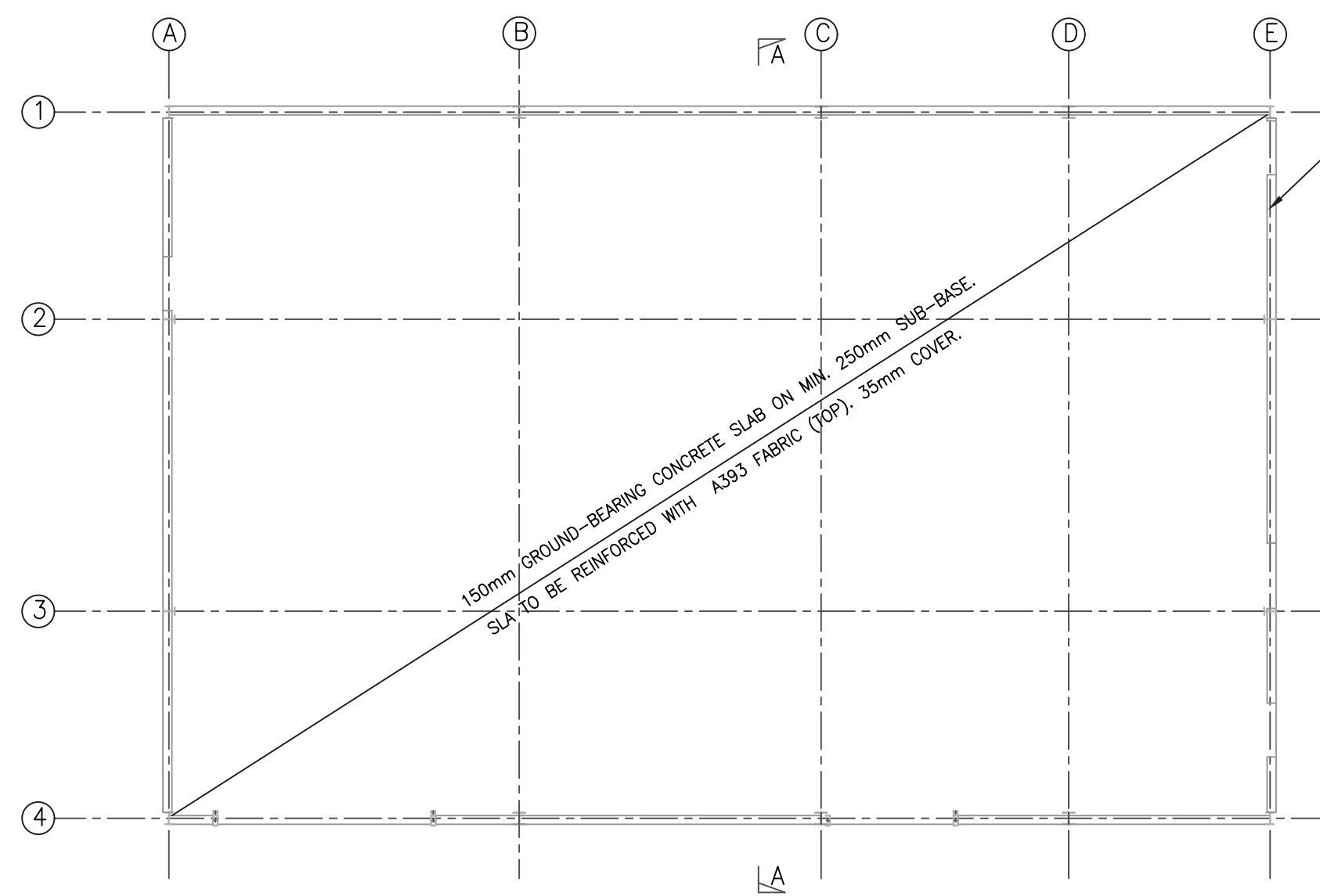


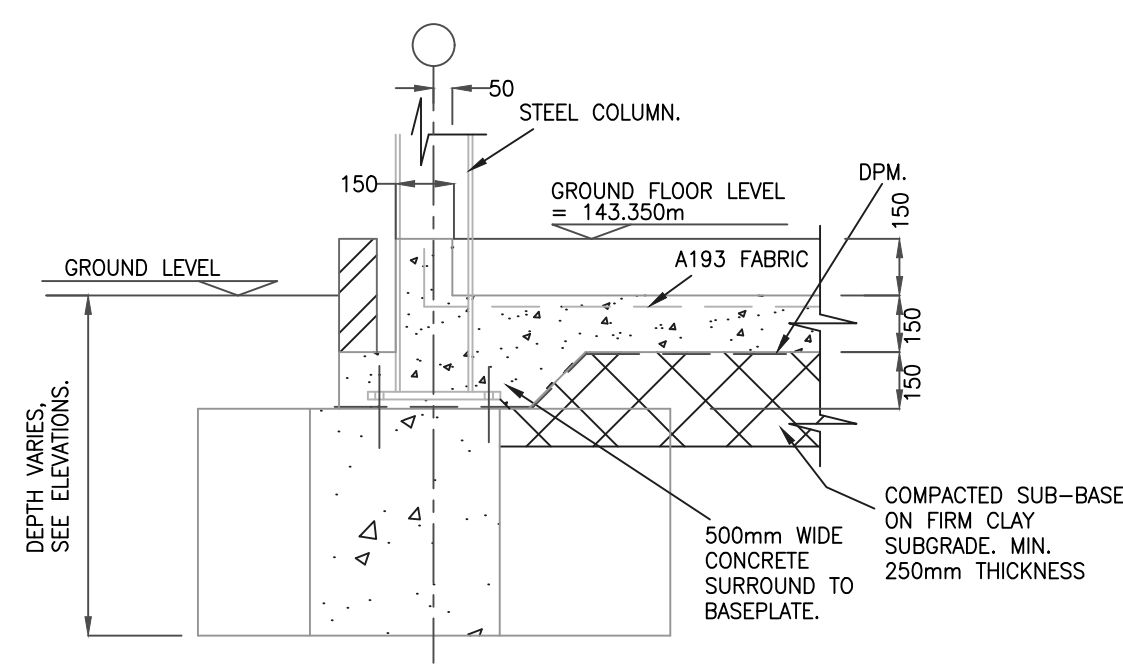
DO NOT SCALE FROM THIS DRAWING.



PLAN ON FOUNDATIONS



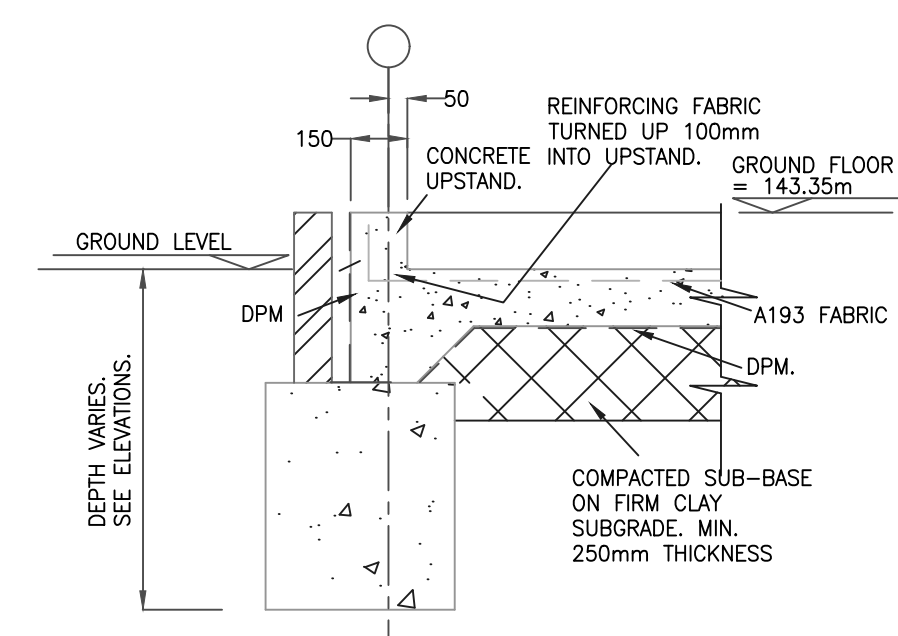
PLAN ON GROUND FLOOR



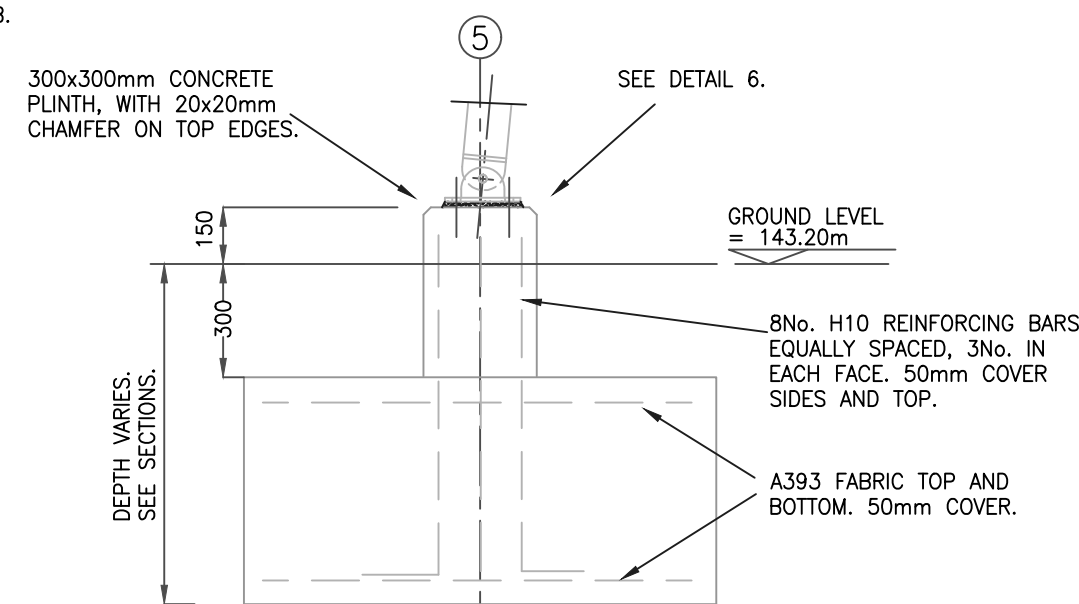
TYPICAL DETAIL AT COLUMN

COLUMN BASEPLATES:

- 200x200UC - 300x300x20mm BASEPLATE WITH 4No. M20 x 375mm LONG HD BOLTS.
- 200x133UB - 300x250x15mm BASEPLATE WITH 4No. M20 x 375mm LONG HD BOLTS.
- 20mm SHIM & GROUT BELOW BASEPLATE. BOLTS TO HAVE METAL BOLT BOX ON SQUARE PLATE WASHER.



TYPICAL EDGE DETAIL



CANOPY FOUNDATION DETAIL

NOTES.

- TO BE READ WITH DRAWINGS No's 23-2553/02 TO 04, AND THE ARCHITECT'S DRAWINGS.
- FOR SETTING-OUT AND DETAILED DIMENSIONS NOT SHOWN ON THESE DRAWINGS REFER TO THE ARCHITECT'S DRAWINGS.
- TO BE READ WITH THE PROJECT SPECIFICATION.
-

HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE OBVIOUS RISKS ASSOCIATED WITH THE NATURE OF WORK SHOWN ON THIS DRAWING, THE FOLLOWING SITE SPECIFIC RESIDUAL RISKS SHOULD BE NOTED (ALL WORK IS ASSUMED TO BE UNDERTAKEN BY A COMPETENT CONTRACTOR):

- PRESENCE OF EXISTING UNDERGROUND SERVICES NOT KNOWN. CONTRACTOR TO INVESTIGATE BEFORE COMMENCING EXCAVATIONS.

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14.06.2023 22.06.2023

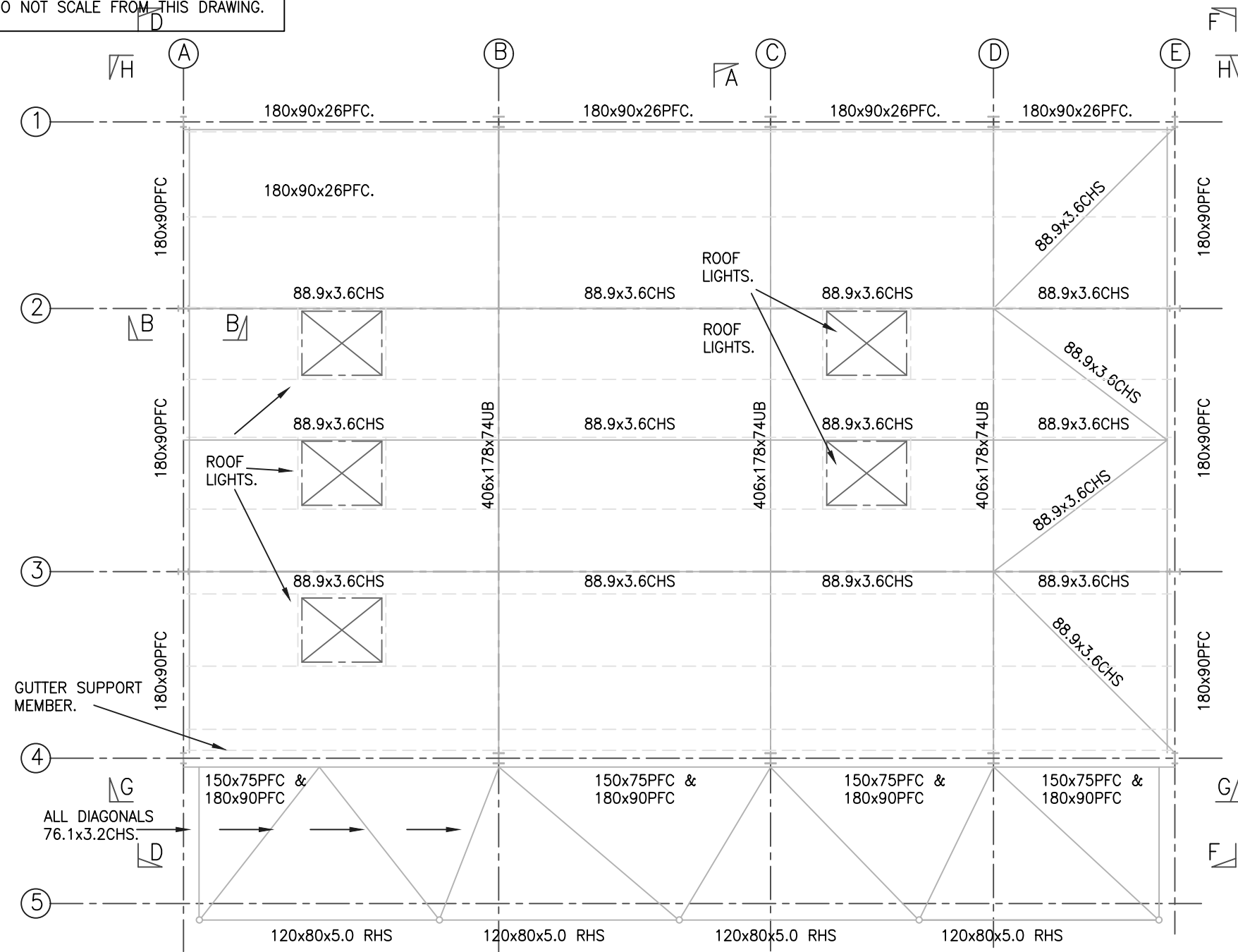
ANTHONY DAVIES ASSOCIATES
Consulting Civil & Structural Engineers.
19 Quay Level Offices. St Peters Wharf.
Newcastle upon Tyne NE6 1TZ
Tel: 0191 276 5209 Fax: 0191 276 5198
Email: info@anthonydaves.com

Project
YIF OUTREACH HUB
SHOTTON

Title
FOUNDATIONS AND GROUND FLOOR SLAB.
LAYOUT & DETAILS.

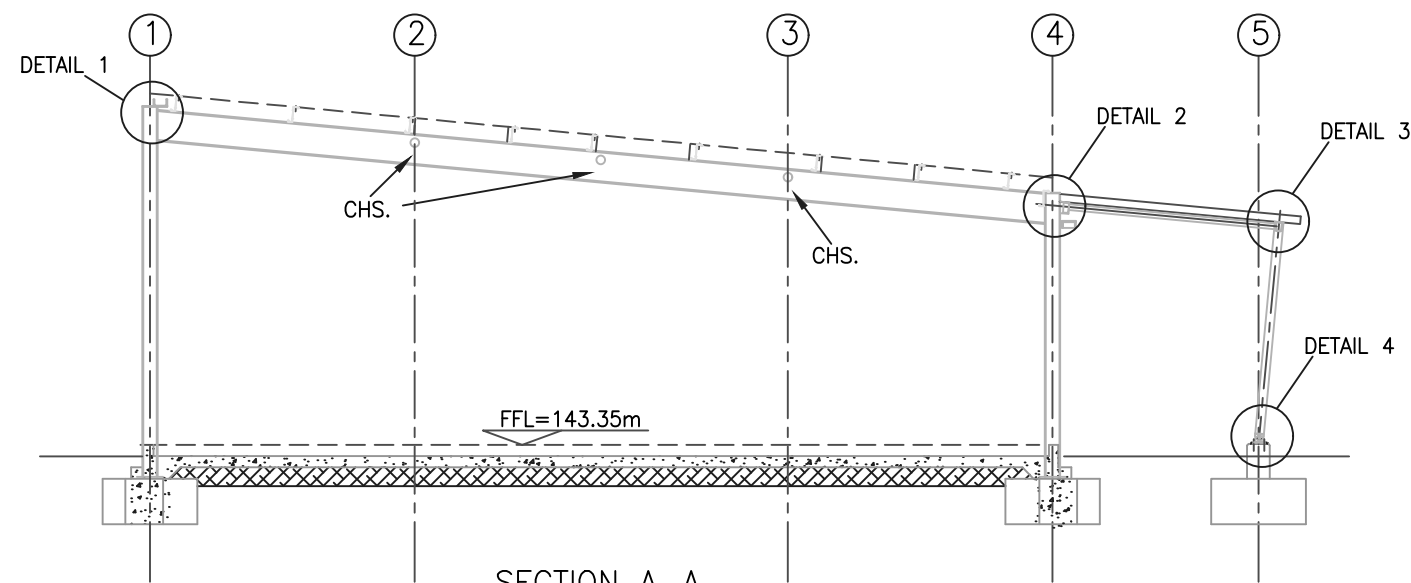
Scale 1:100	(a2) Date	Drawing No. 23-2553/01
Drawn	Chk	

DO NOT SCALE FROM THIS DRAWING.

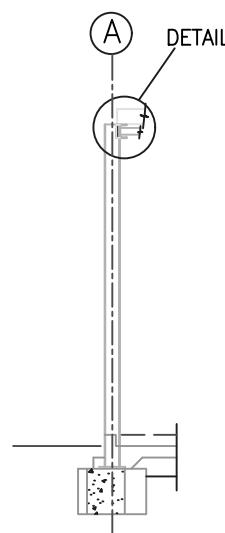


ROOF PLAN

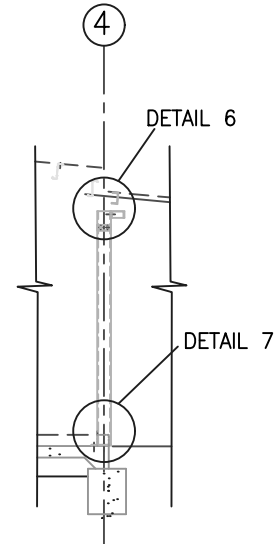
--- = METSEC 202.Z.14 PURLINS (3.82KG/m) AT MAXIMUM 1600mm CENTRES. SPACING TO SUIT LOCATIONS OF ROOF LIGHTS. ROOF LIGHTS TO BE TRIMMED WITH PURLINS.



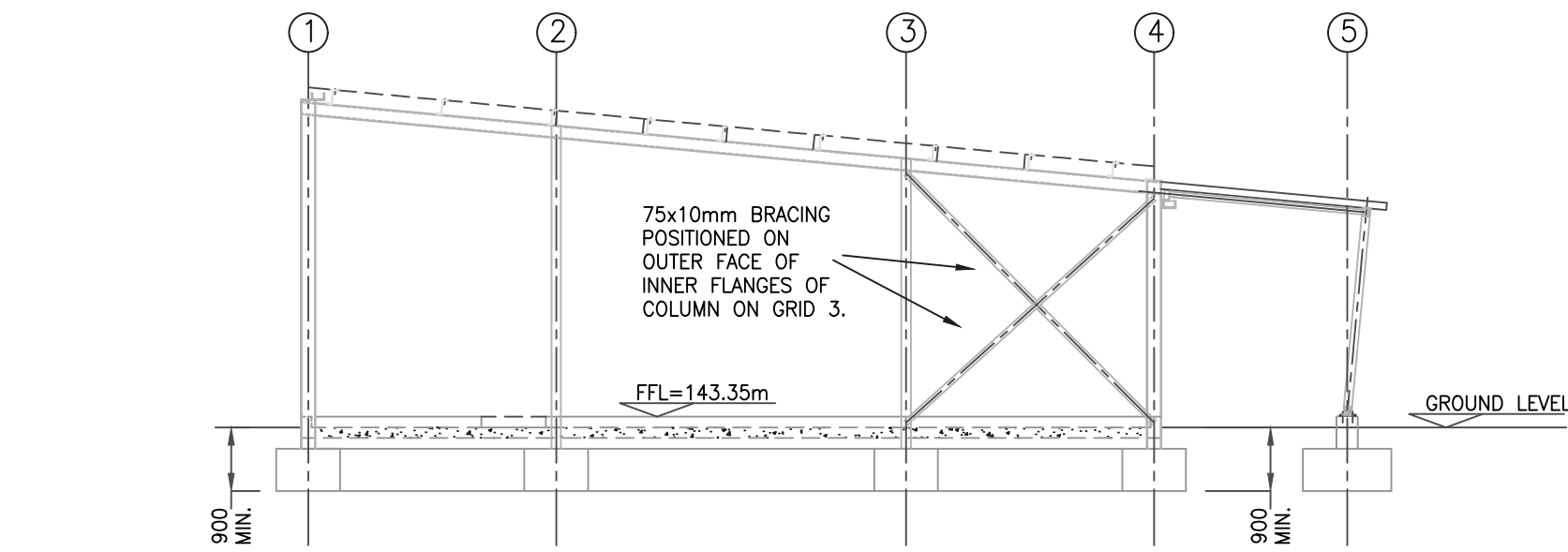
SECTION A-A



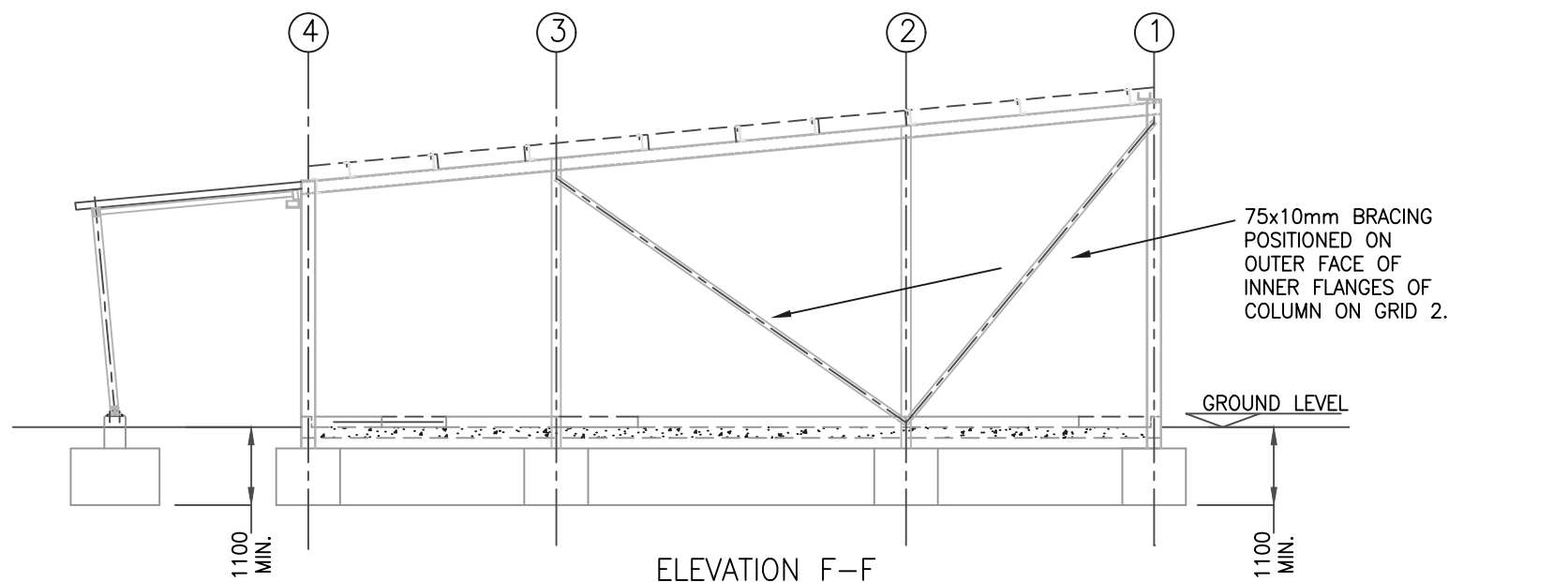
SECTION B-B



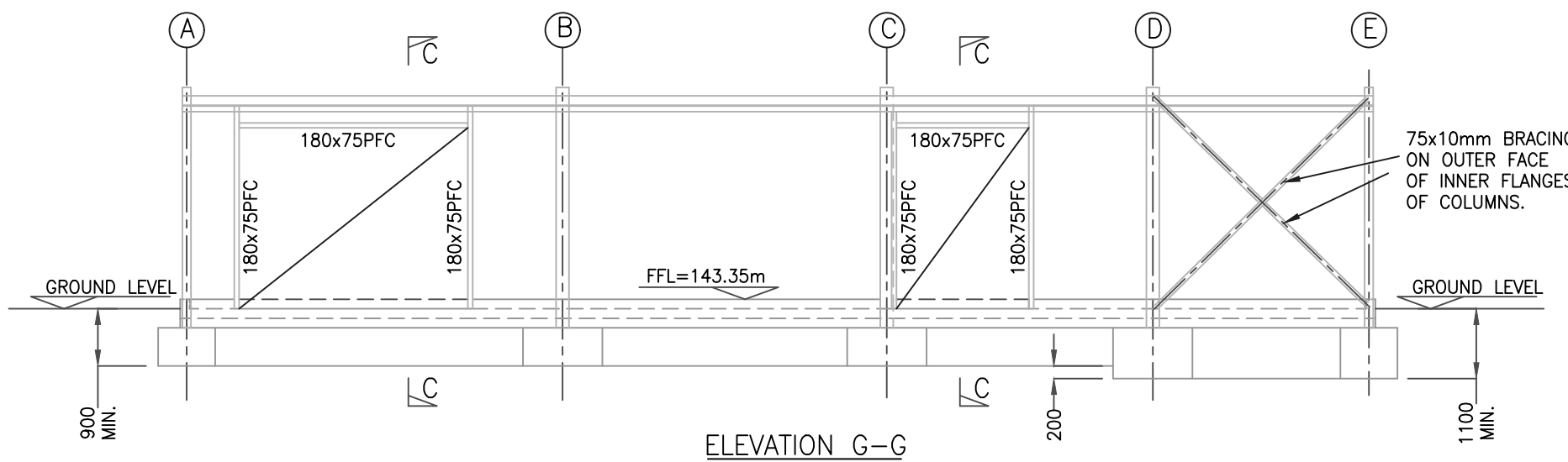
SECTION C-C



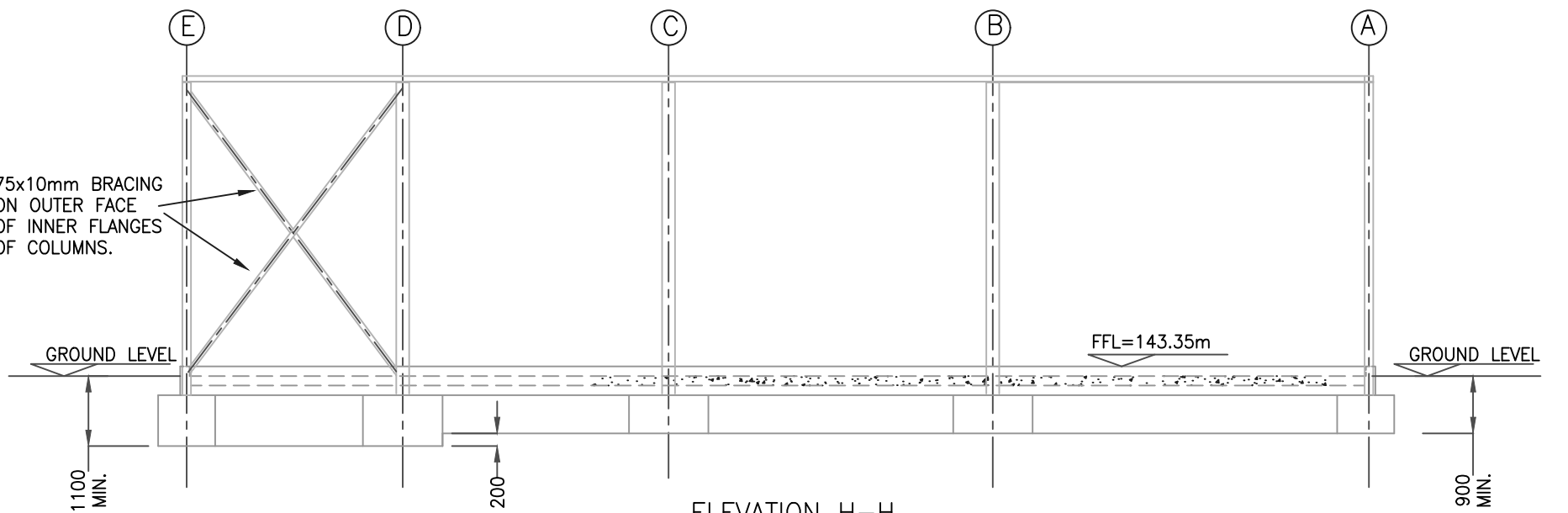
ELEVATION D-D



ELEVATION F-F



ELEVATION G-G



ELEVATION H-H

NOTES.

1. TO BE READ WITH DRAWINGS No's 23-2553/01, 03 & 04.
2. FOR GENERAL NOTES SEE DRAWING No. 23-2553/01.
3. FOR DETAILS OF TIMBER EXTERNAL WALLS SEE DRAWING No. 23-2553/04.
4. STEEL CONNECTIONS:
 - PORTAL CONNECTIONS TO BE CONTRACTOR DESIGNED. SEE DETAIL 1.
 - ALL BOLTS TO BE GRADE 8.8.
 - UNLESS NOTED OTHERWISE WELDS TO BE FULL PROFILE 6mm FILLET WELDS.
 - EXCEPT WHERE SHOWN OTHERWISE, CONNECTIONS TO HAVE MIN. 2No. M16 BOLTS AND 6mm END PLATE.
5. FOR SITE PAINTING REQUIREMENTS SEE THE SPECIFICATION.

PRELIMINARY, NOT FOR CONSTRUCTION
14.06.2023 22.06.2023

ANTHONY DAVIES ASSOCIATES
Consulting Civil & Structural Engineers.
19 Quay Level Offices. St Peters Wharf.
Newcastle upon Tyne NE6 1TZ
Tel: 0191 276 5209 Fax: 0191 276 5198
Email: info@anthonydavies.com

Project
YIF OUTREACH HUB
SHOTTON

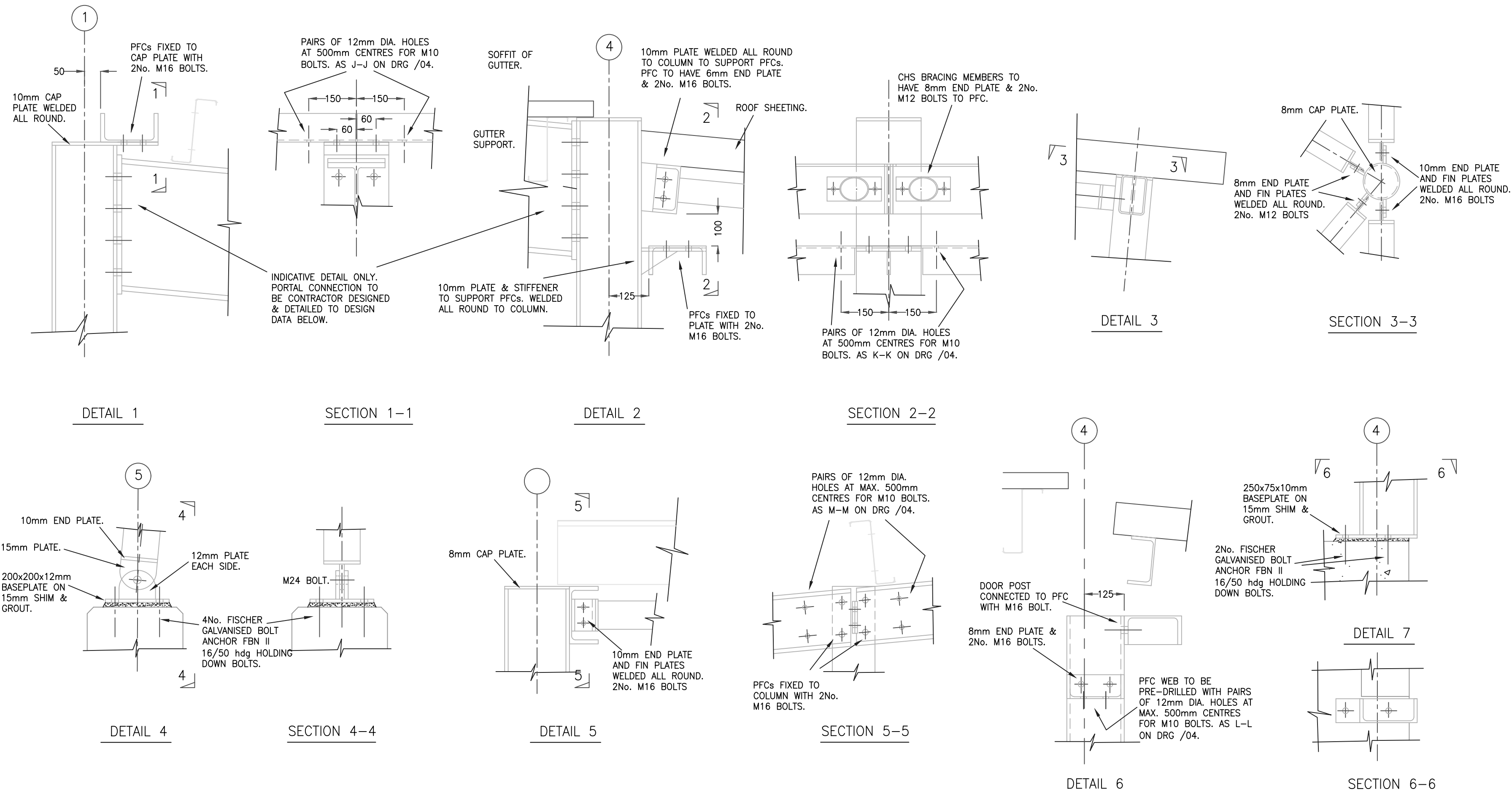
Title
STRUCTURAL STEELWORK.
G.A. PLAN, ELEVATIONS AND SECTIONS.

Scale 1:100	(a2) Date	Drawing No. 23-2553/02
Drawn	Chk	

DO NOT SCALE FROM THIS DRAWING.

NOTES.

1. TO BE READ WITH DRAWINGS No's 23-2553/01, 02 & 04.
2. FOR GENERAL NOTES SEE DRAWING No. 23-2553/01.
- 3.



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4.06.2023 22.06.2023

MOMENTS AND FORCES FOR PORTAL CONNECTION DESIGN

LOADCASE	AXIAL(kN)	SHEAR(kN)	BENDING MOMENT(kN-m)
DEAD	2 c	27	23 h
IMPOSED	2 c	24	21 h
WIND	19 t	-31	31 s

ALL FORCES AND MOMENTS ARE UNFACTORED
c=COMPRESSION, t=TENSION, h = HOGGING, s = SAGGING.

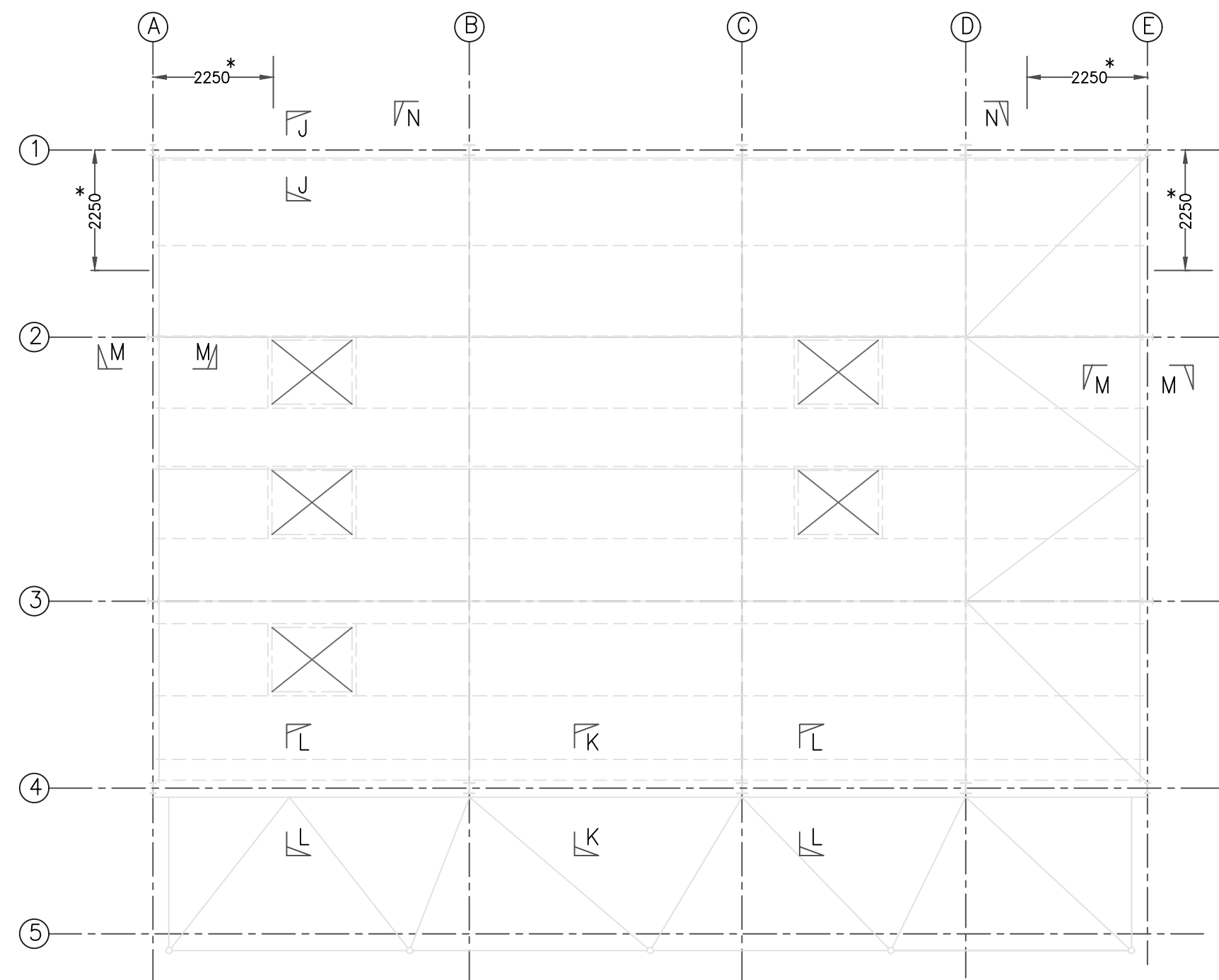
ANTHONY DAVIES ASSOCIATES
Consulting Civil & Structural Engineers.
19 Quay Level Offices. St Peters Wharf.
Newcastle upon Tyne NE6 1TZ
Tel: 0191 276 5209 Fax: 0191 276 5198
Email: info@anthonydavies.com

Project
YIF OUTREACH HUB
SHOTTON

Title
STEELWORK DETAILS.

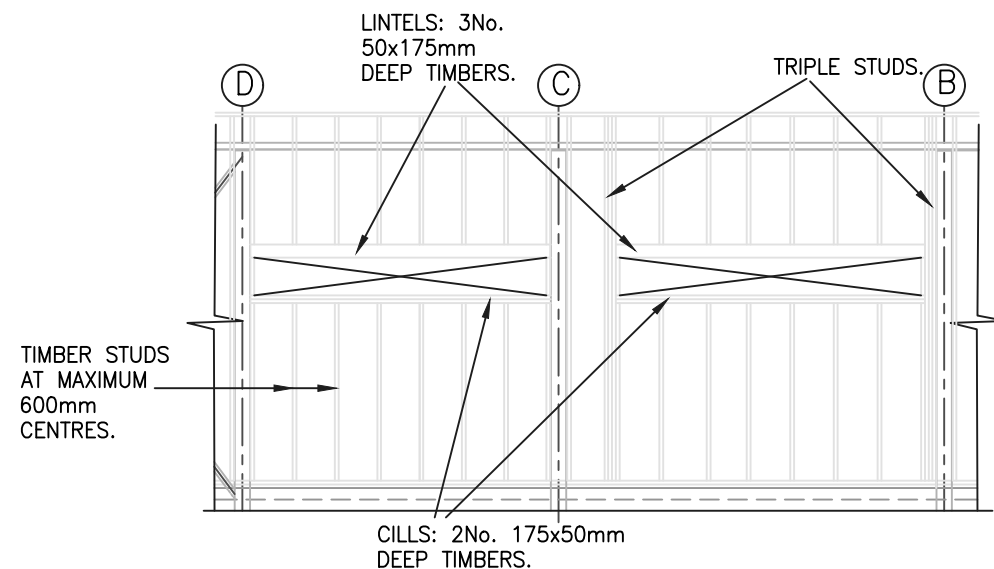
Scale (a2) Date
1:100
Drawing No.
23-2553/03

DO NOT SCALE FROM THIS DRAWING.



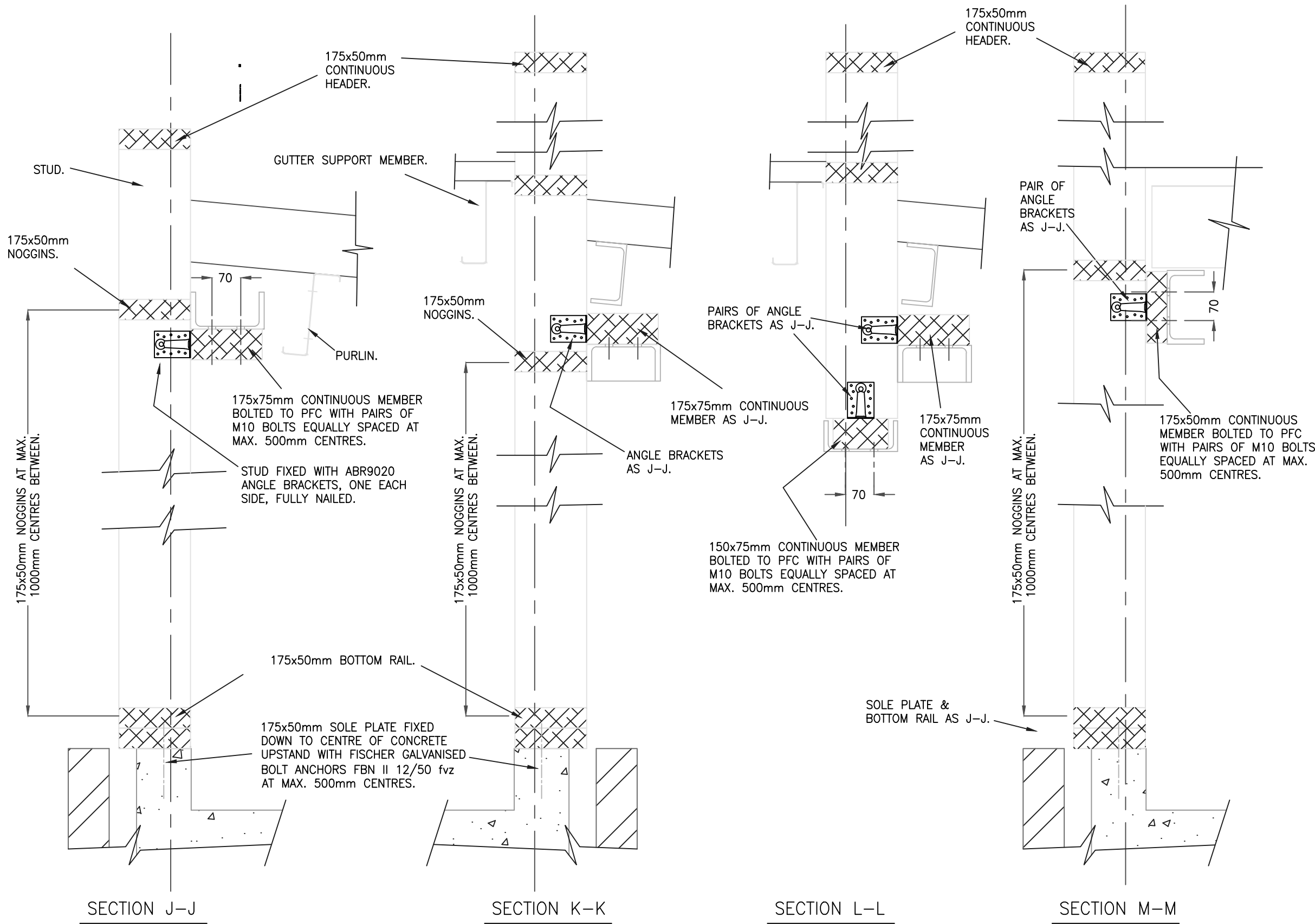
PLAN

EXTERNAL WALLS.
TIMBER STUDS 175x50mm AT MAXIMUM 600mm CENTRES EXCEPT
OVER LENGTHS MARKED * WHERE CENTRES TO BE 400mm MAX.



SECTION N-N

NOGGINS NOT SHOWN.



NOTES.

1. TO BE READ WITH DRAWINGS No's 23-2553/01 TO 03.
2. FOR GENERAL NOTES SEE DRAWING 23-2553/01.
3. TIMBER TO BE STRENGTH CLASS C24.
4. ALL TIMBER FIXINGS TO BE GALVANISED.
5. PROPRIETARY REFERENCES ARE TO SIMPSON STRONGTIE. ALL BRACKETS TO BE FULLY NAILED WITH NAILS REF. CNA4.0x35.
6. BOLTS TO BE GRADE 8.8.

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Newcastle upon Tyne NE6 1TZ
Tel: 0191 276 5209 Fax: 0191 276 5198
Email: info@anthonydavies.com

Project
YIF OUTREACH HUB
SHOTTON

Title
TYPICAL TIMBER DETAILS.

Scale	(A2) Date	Drawing No. 23-2553/04
1:100		
Drawn	Chk	