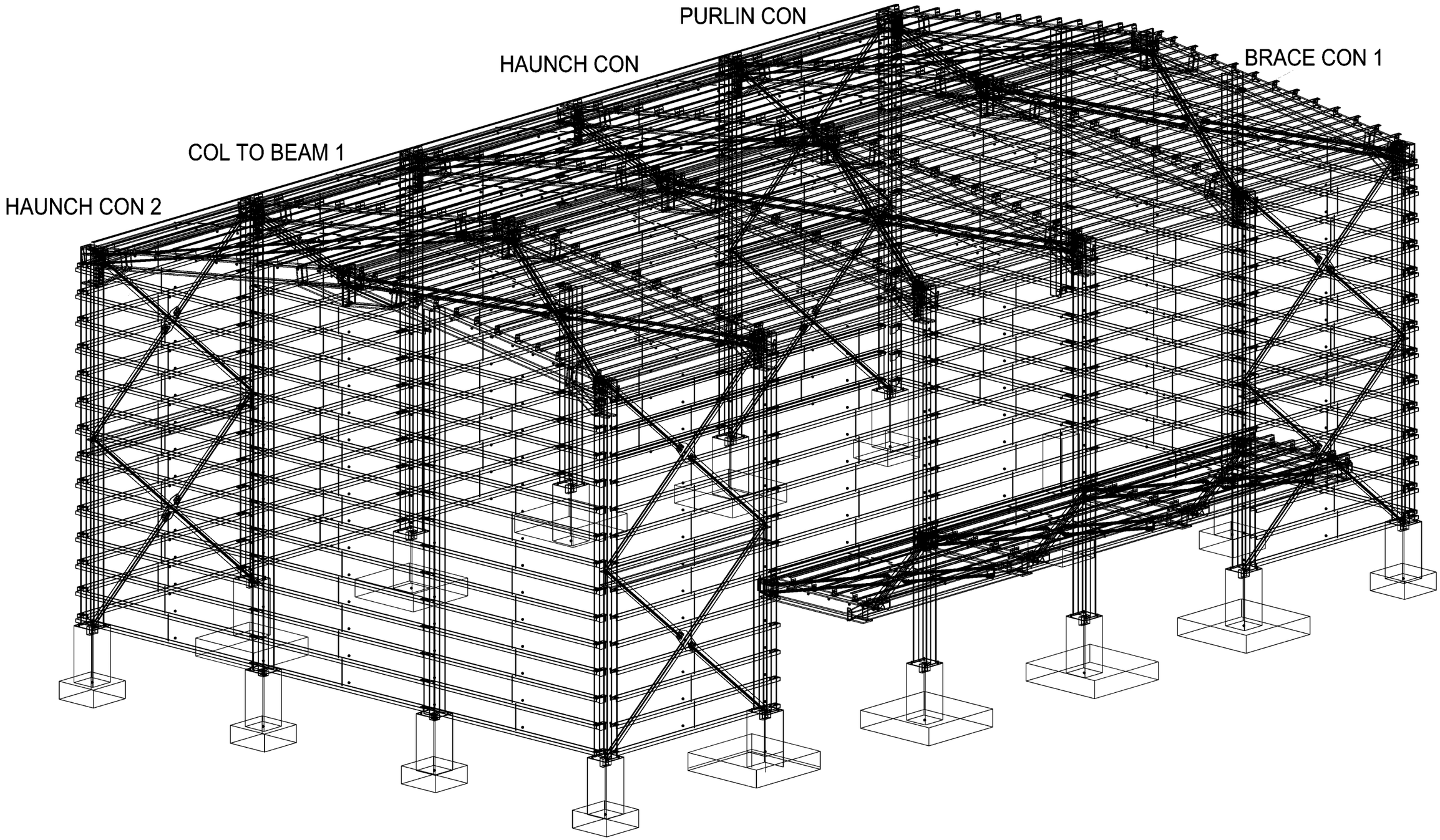
STRUCTURAL DRAWINGS



3D FRAMING

CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
- Do not scale drawings
- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

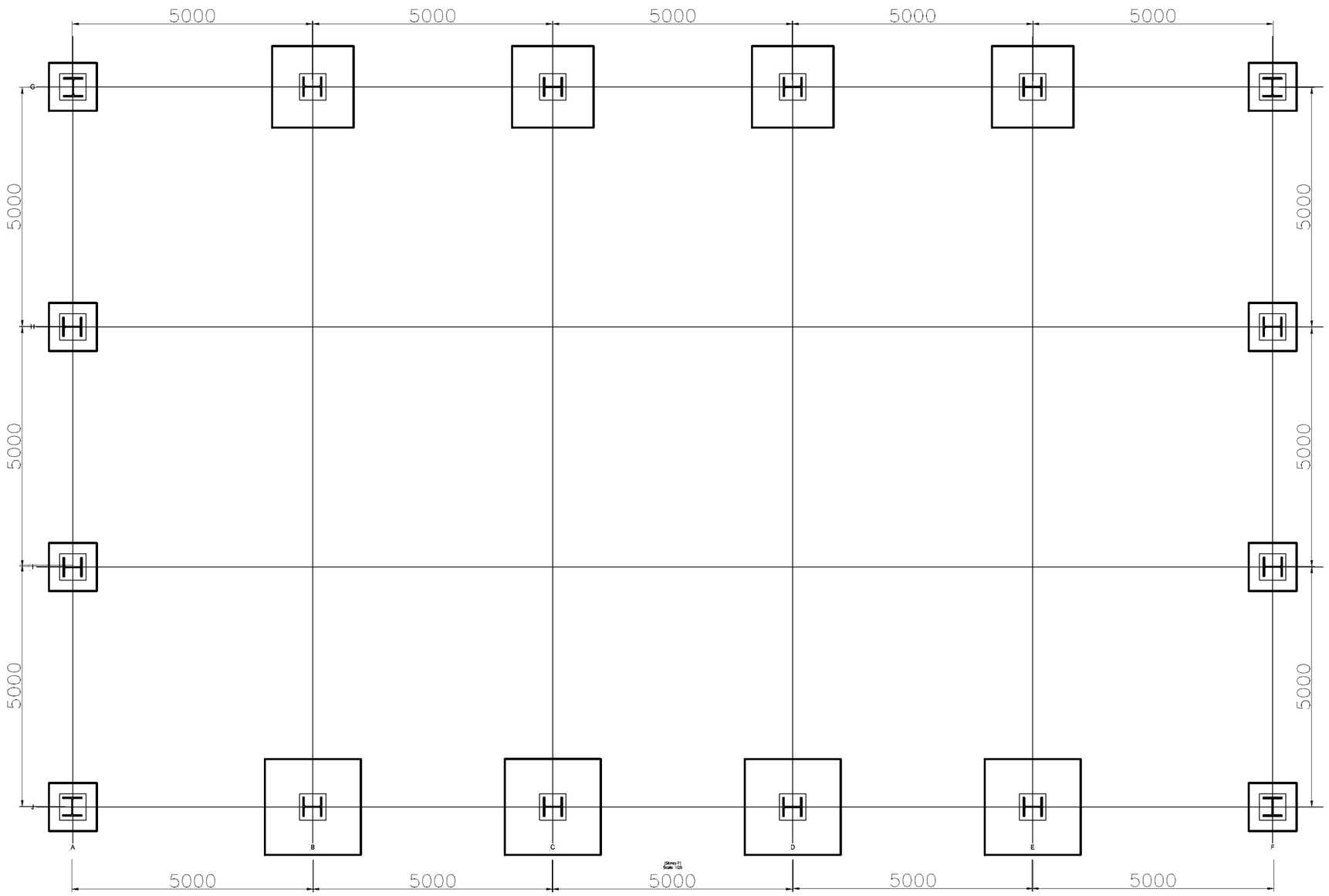
DRWG. TITLE: 3D FRAMING

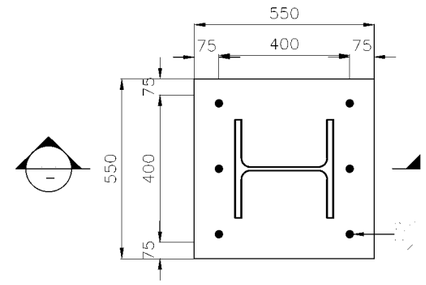
AYOOLA.S	ENGR. TAIWO.I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

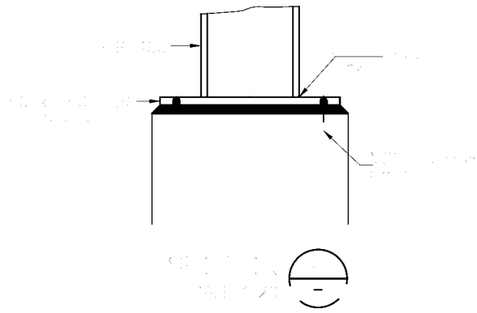
DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 01

DWG. No: | REV:

CONSULTING ENGINEERS:







CLIENT:

PORTFOLIO

NOTES:
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- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE:

STRUCTURAL DRAWINGS

DRWG. TITLE:

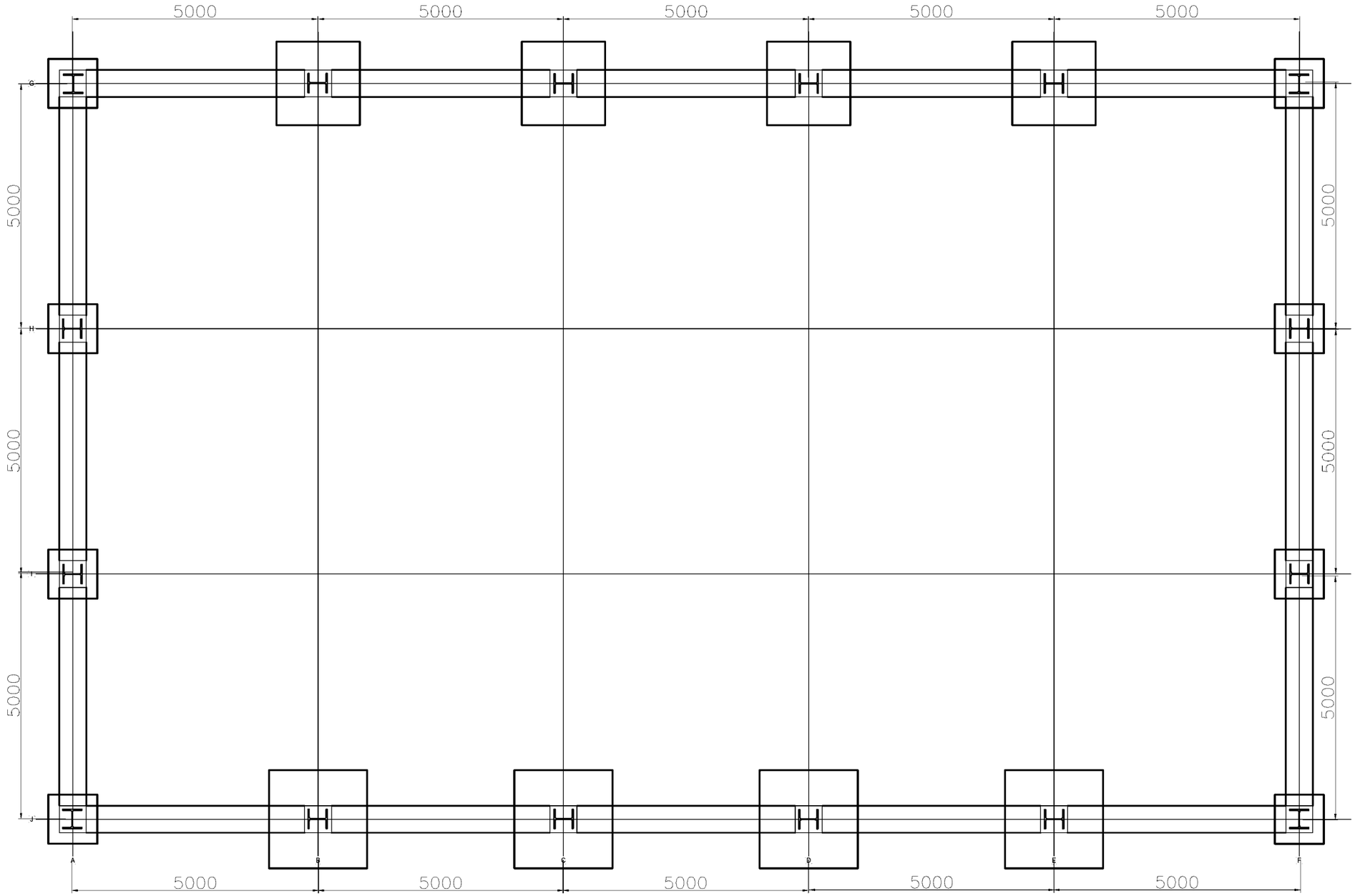
BASE PLATE PLAN

AYOOLA.S	ENGR. TAIWO .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 02

DWG. No: | REV:

CONSULTING ENGINEERS:



CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
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- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

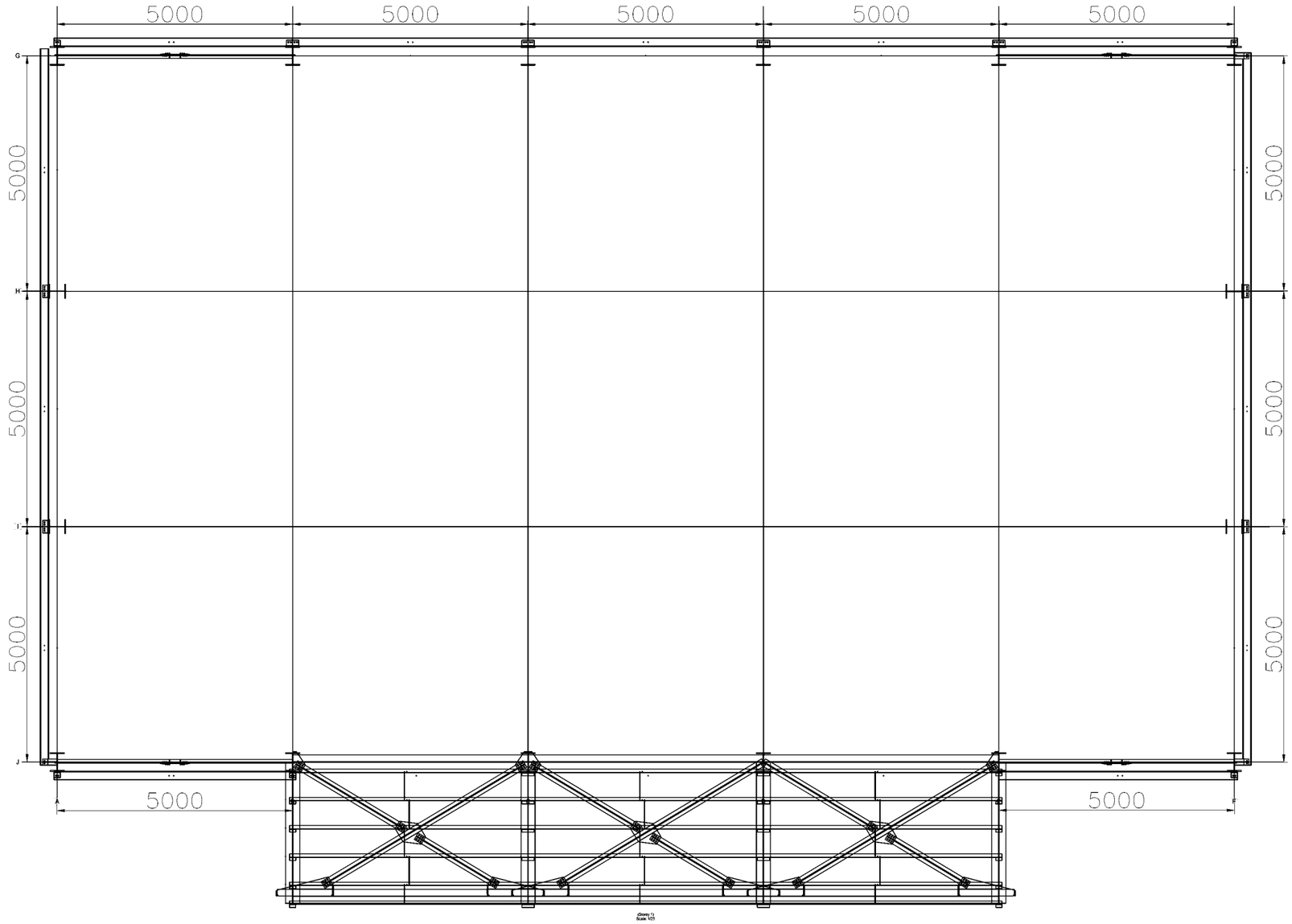
TITLE: STRUCTURAL DRAWINGS

DRWG. TITLE: BEAM AND COLUMN LAYOUT

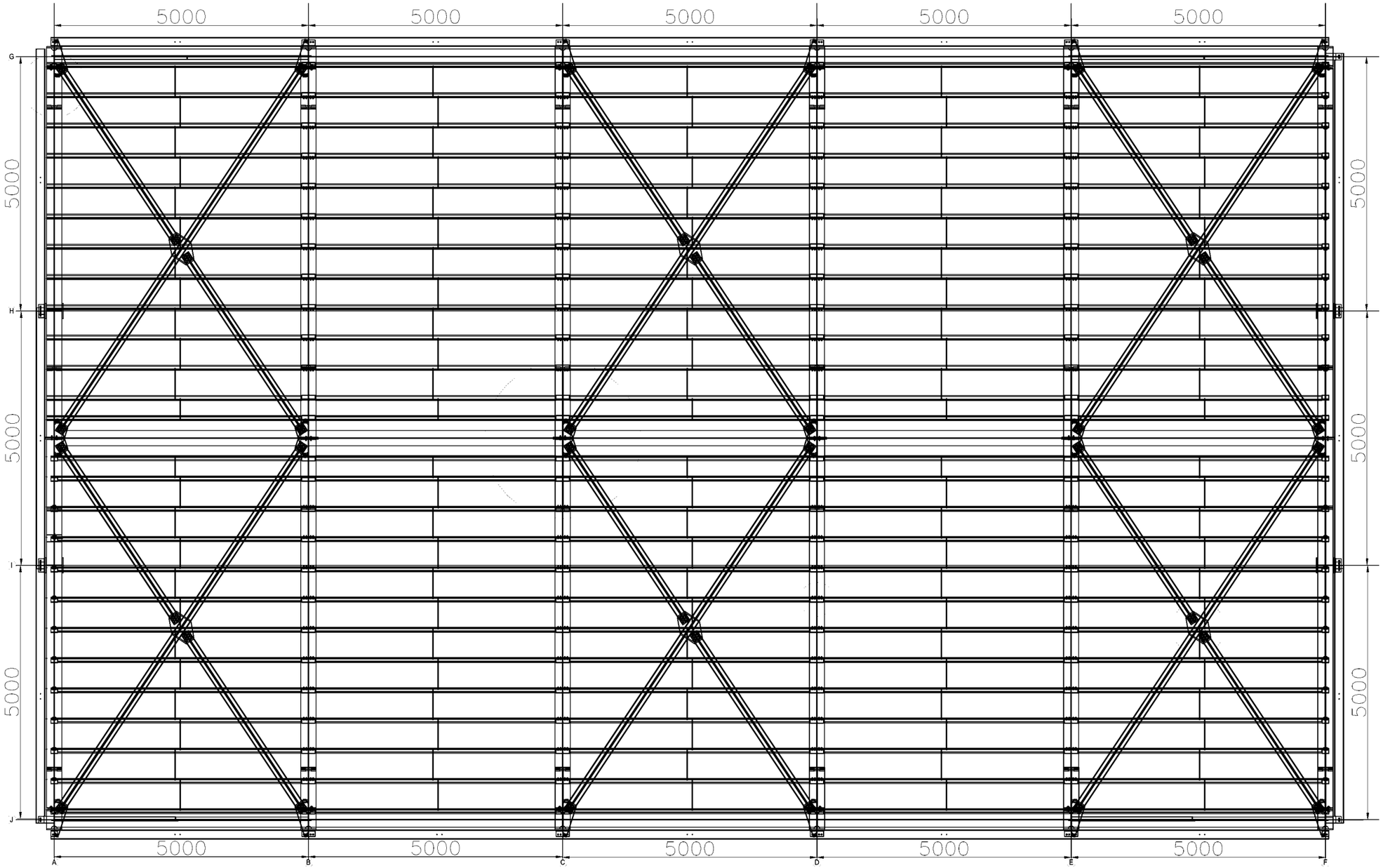
AYOOLA.S	ENGR. TAIWO .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 03
DWG. No:			REV:

CONSULTING ENGINEERS:



CLIENT: **PORTFOLIO**	NOTES: • All dimension are in 'mm' except stated otherwise • Do not scale drawings • All drawings should be read in conjuction with other relevant drawings • Depth of Foundation to be determined on site	PROJECT: **PORTFOLIO**	TITLE: STRUCTURAL DRAWINGS DRWG. TITLE: PLAN AT STOREY 1 AYOOLA.S | ENGR. TAIWO .I | DESIGNED BY: | CHECKED BY: | APPROVED BY: DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 04 DWG. No: | REV:
			CONSULTING ENGINEERS:



CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
- Do not scale drawings
- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

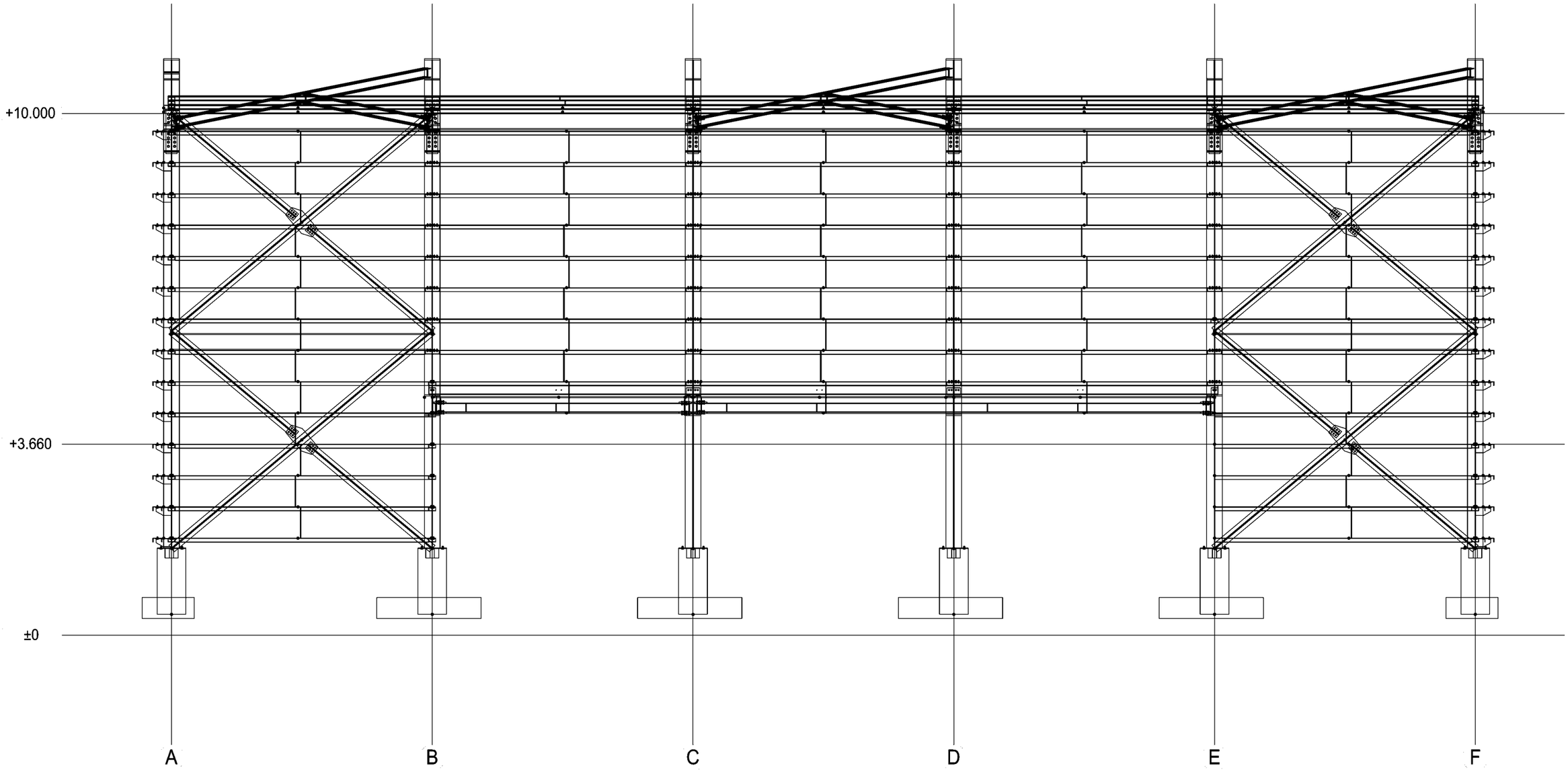
DRWG. TITLE: ROOF PLAN

AYOOLA.S	ENGR. TAIWO.I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 05

DWG. No: | REV:

CONSULTING ENGINEERS:



CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
- Do not scale drawings
- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

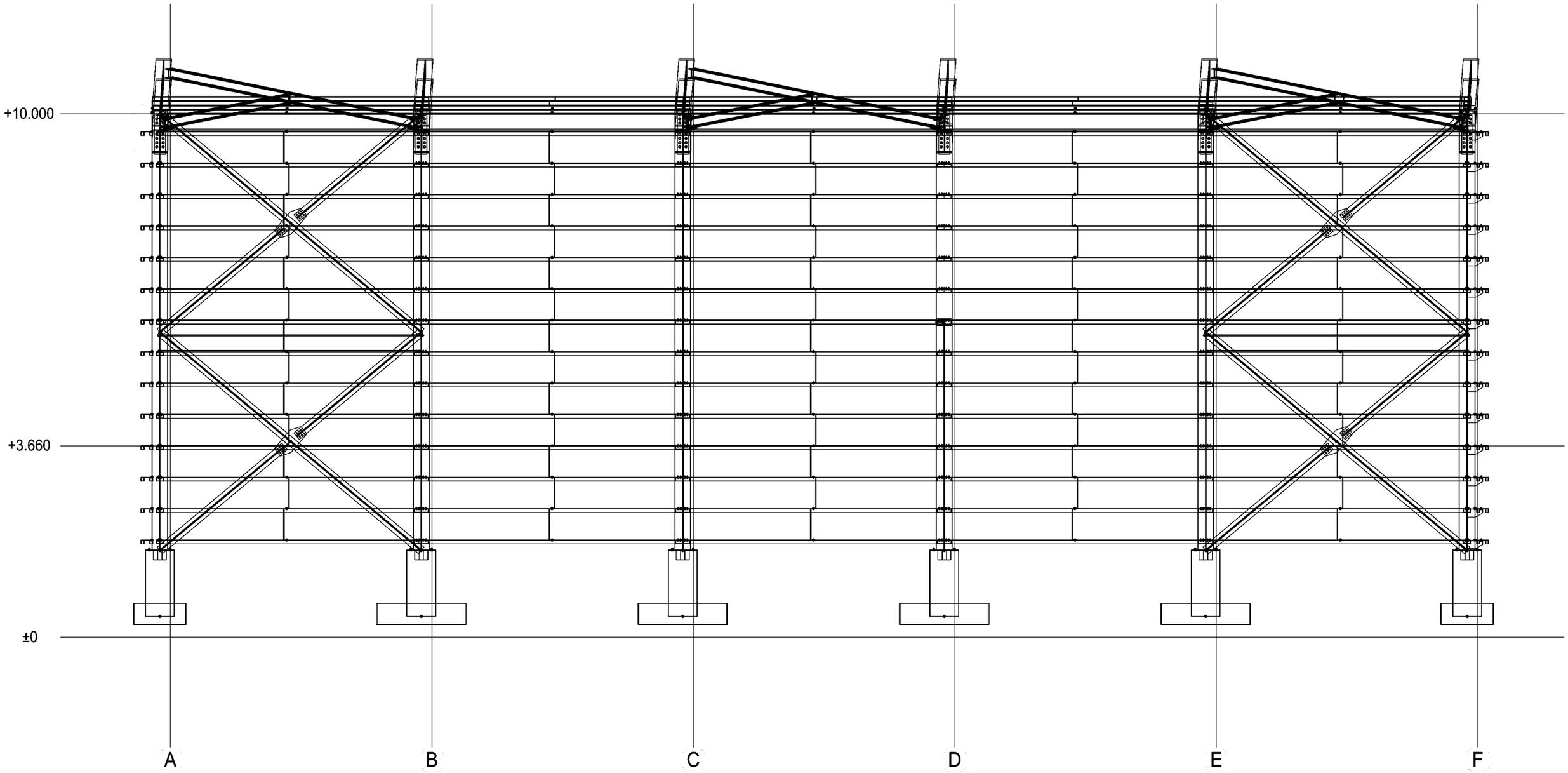
DRWG. TITLE: SECTION (FRONT VIEW)

AYOOLA.S	ENGR. TAIWO .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 06

DWG. No: | REV:

CONSULTING ENGINEERS:



CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
- Do not scale drawings
- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

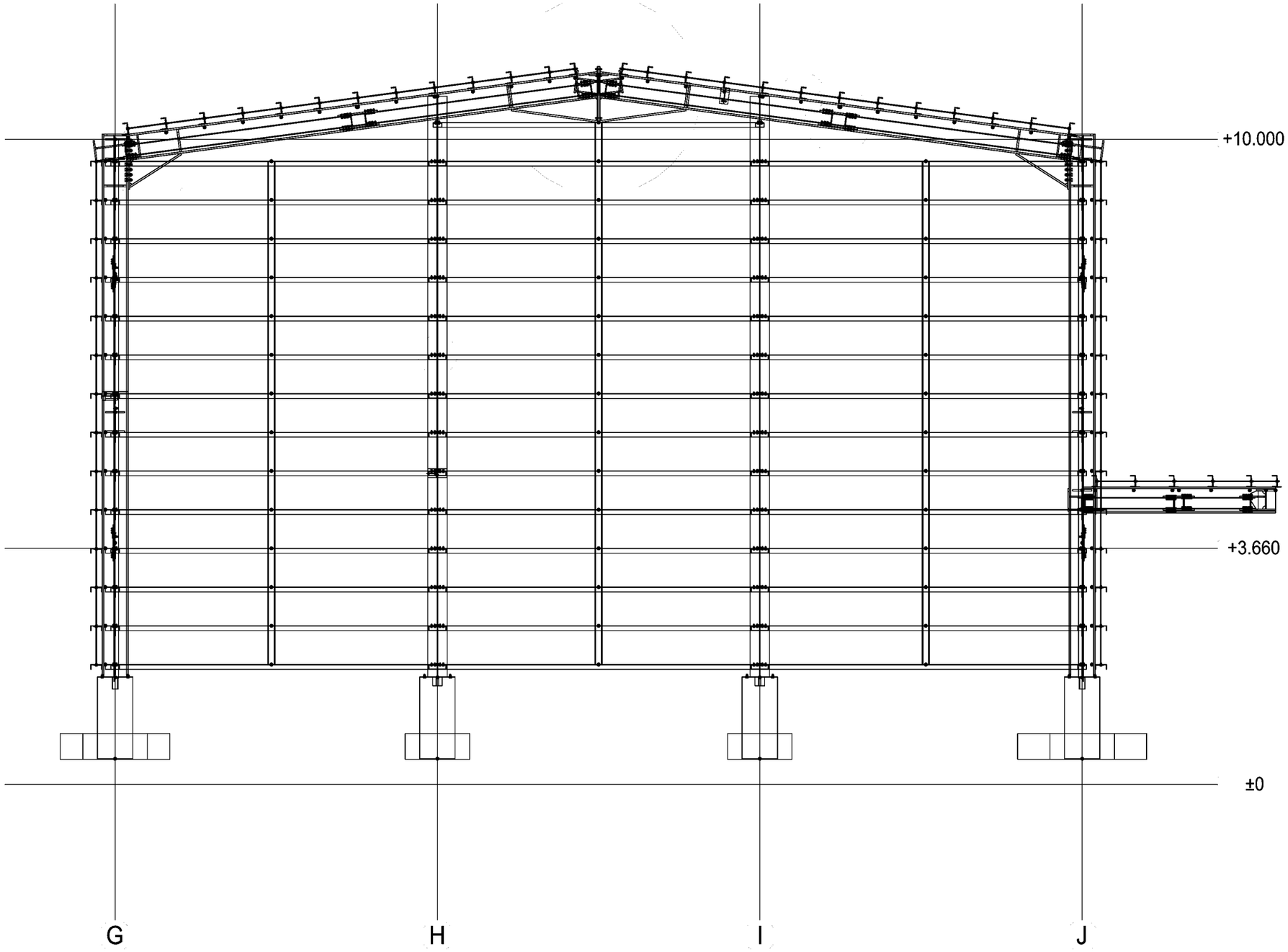
DRWG. TITLE: SECTION (SIDE VIEW)

ENGR. JUSTICE	ENGR. PETER .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: NWOKA . J	DATE: 07MAY23	SCALE: 1:100	SHT. 07

DWG. No: SB/08/2023/BLD/STR. REV:

CONSULTING ENGINEERS:



CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
- Do not scale drawings
- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE:

STRUCTURAL DRAWINGS

DRWG. TITLE:

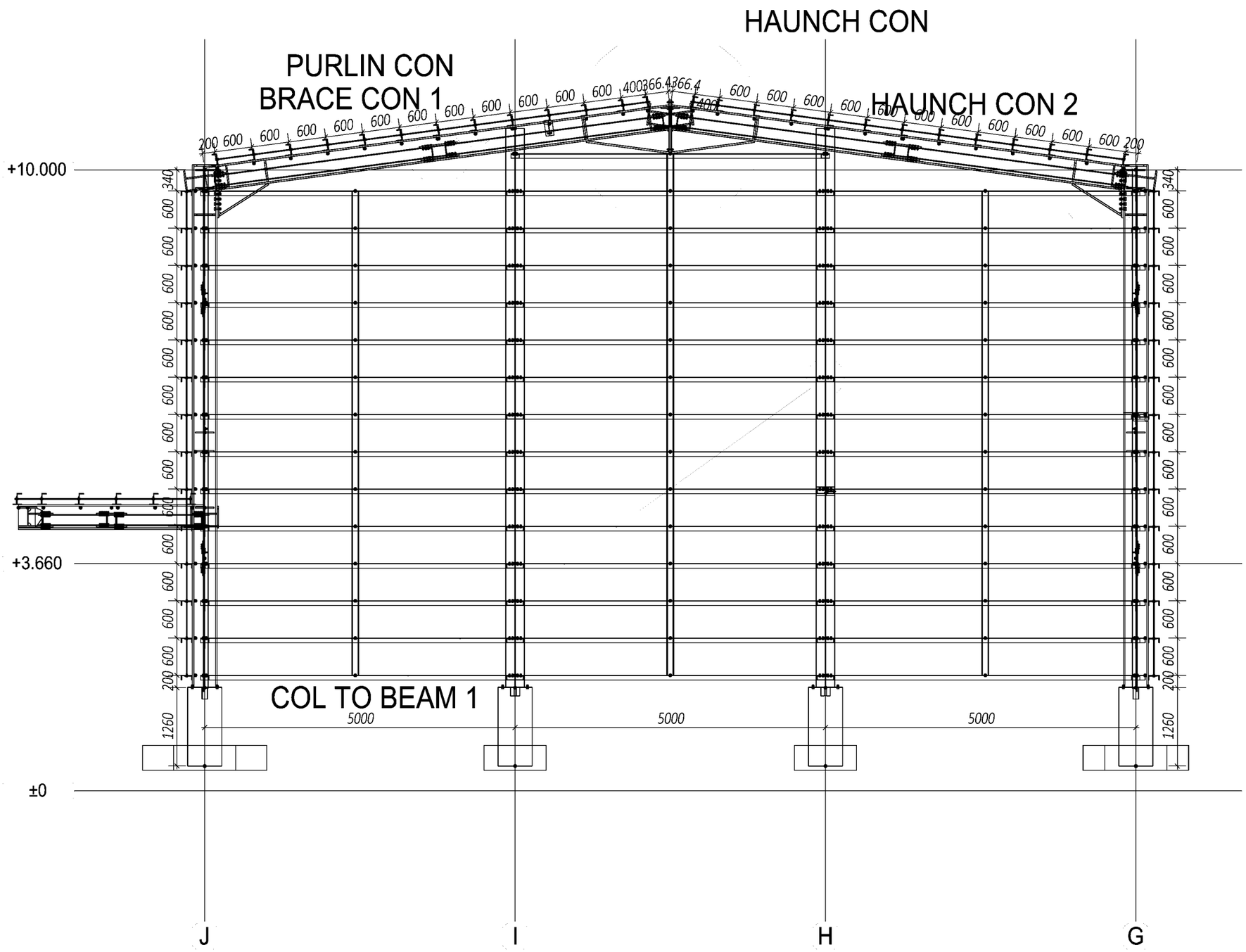
SECTION (SIDE VIEW II)

ENGR. JUSTICE	ENGR. PETER .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

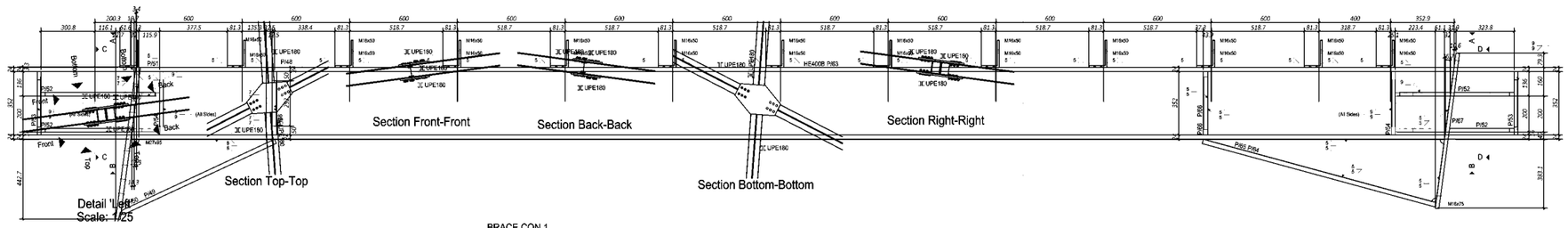
DRAWN: NWOKA . J	DATE: 07MAY23	SCALE: 1:100	SHT. 08

DWG. No: SB/08/2023/BLD/STR. REV:

CONSULTING ENGINEERS:

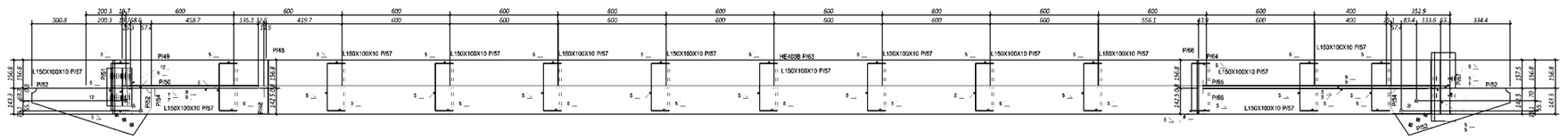


CLIENT: **PORTFOLIO**	NOTES: • All dimension are in 'mm' except stated otherwise • Do not scale drawings • All drawings should be read in conjuction with other relevant drawings • Depth of Foundation to be determined on site	PROJECT: **PORTFOLIO**	TITLE: STRUCTURAL DRAWINGS DRWG. TITLE: SECTION (SIDE VIEW III) AYOOLA.S / ENGR. TAIWO .I DESIGNED BY: / CHECKED BY: / APPROVED BY: DRAWN: AYOOLA.S / DATE: MAY / SCALE: 1:100 / SHT. 09 DWG. No: / REV: CONSULTING ENGINEERS:

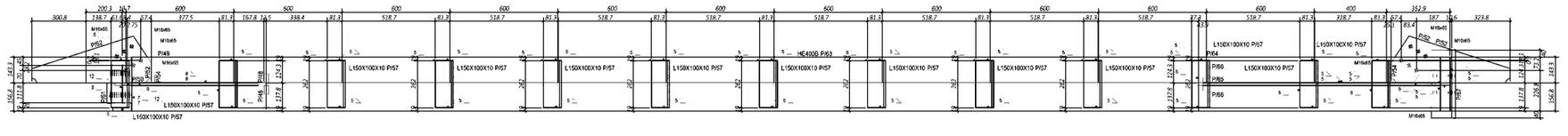


BRACE CON 1

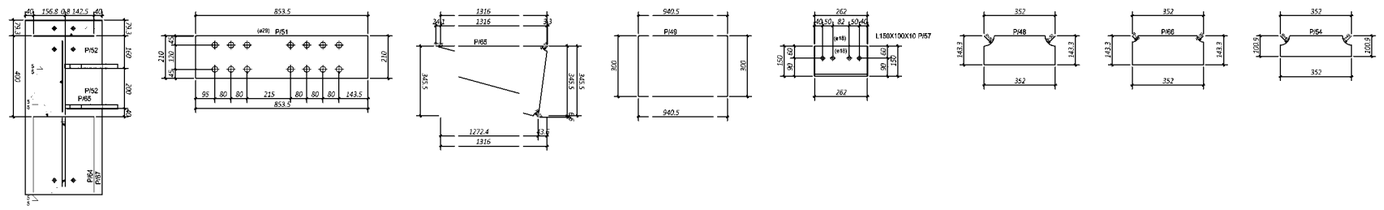
A/9 (4 Pcs. Rqd.)



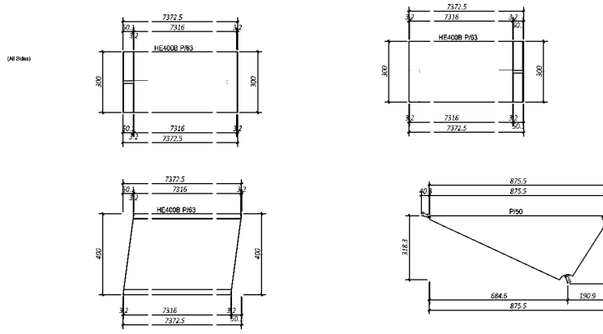
B - B



A - A



D - D



C - C

Material List A/9 (4 Pcs. Rqd)					
Pos	PartName	Material	No.	Net Length(mm)	Net Weight(kgf)	Net Weight Total(kgf)
PI48	PL352x143x25	S355	2	352	9.13	18.26
PI49	PL941x300x25	S355	1	940.52	55.37	55.37
PI50	PL876x318x15	S355	1	873.52	18.3	18.3
PI51	PL854x216x25	S355	1	683.54	35.17	35.17
PI52	PL662x261x20	S355	4	662.12	17.81	71.26
PI53	PL352x10x20	S355	2	352	3.37	6.75
PI54	PL352x101x20	S355	2	352	5.08	10.16
PI57	L150X100X10	ST37	13	262	4.97	64.56
PI63	HE400B	S275	1	7372.54	1139.63	1139.63
PI64	PL1343x300x25	S355	1	1343.47	79.09	79.09
PI65	PL1316x345x15	S355	1	1316.04	27.73	27.73
PI66	PL352x143x25	S355	2	352	9.82	19.24
PI67	PL870x389x20	S355	1	870	51.9	51.9
			32			1997.44

Bolt List A/9 (4 Pcs. Rqd.)				
Index	Diameter	Length(mm)	Material	Count
1	M16	50	Class 8.8	52
2	M16	65	Class 8.8	12

CLIENT:

PORTFOLIO

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PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

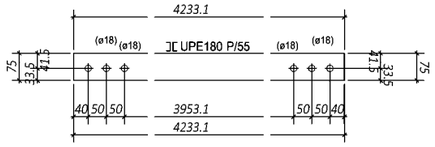
DRWG. TITLE: RAFTER DETAILS

CONSULTING ENGINEERS:

DESIGNED BY:	CHECKED BY:	APPROVED BY:
AYOOLA.S	ENGR. TAIWO .I	

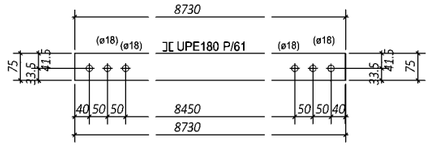
DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 10

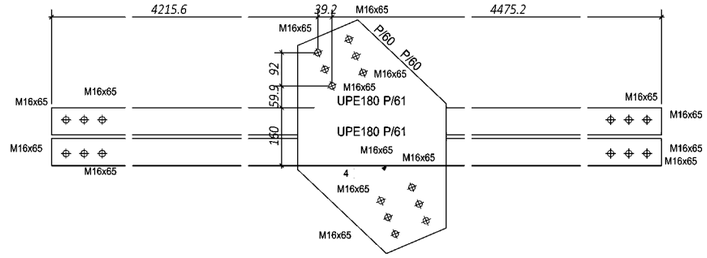
DWG. No: | REV:



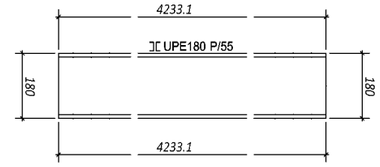


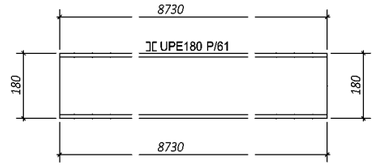
HB/1 (12 Pcs. Rqd.)

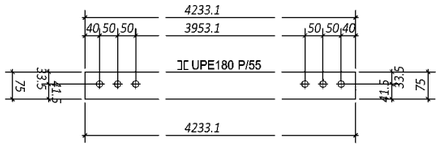


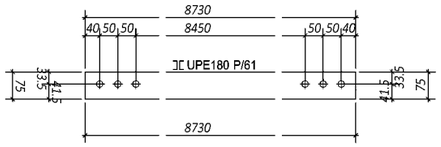


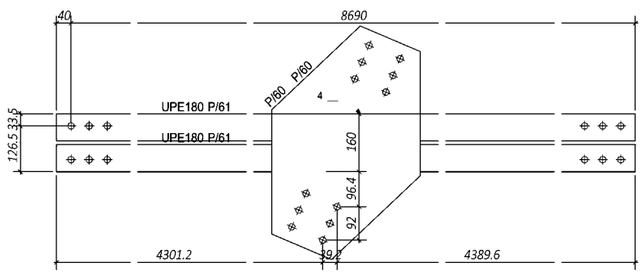
A - A



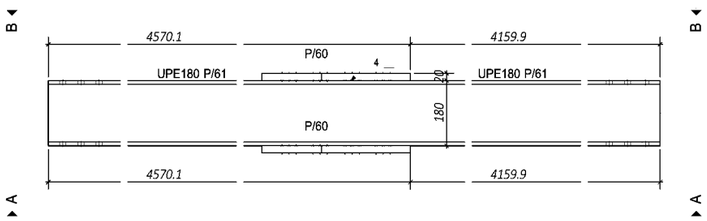








B - B



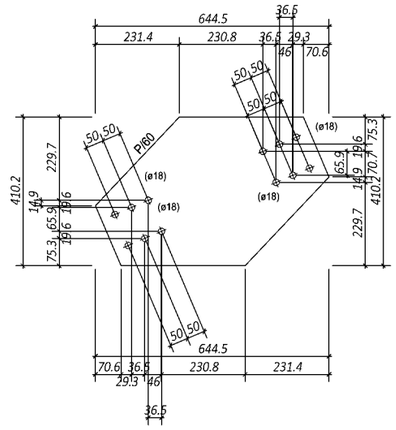
HB/2 (6 Pcs. Rqd.)

Material List HB/1 (12 Pcs. Rqd.)						
Pos	PartName	Material	No.	Net Length(mm)	Net Weight(kgf)	Net Weight Total(kgf)
P/55	UPE180	S275	2	4233.07	83.45	166.9
			2			166.9

Material List HB/2 (6 Pcs. Rqd.)						
Pos	PartName	Material	No.	Net Length(mm)	Net Weight(kgf)	Net Weight Total(kgf)
P/60	PL644x410x20	S355	2	644.49	30.78	61.56
P/61	UPE180	S275	2	8730.01	172.1	344.2
			4			405.76

Bolt List HB/1 (12 Pcs. Rqd.)				
Index	Diameter	Length(mm)	Material	Count
1	M16	65	Class 8.8	12

Bolt List HB/2 (6 Pcs. Rqd.)				
Index	Diameter	Length(mm)	Material	Count
1	M16	65	Class 8.8	24



CLIENT:

PORTFOLIO

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PROJECT:

PORTFOLIO

TITLE:

STRUCTURAL DRAWINGS

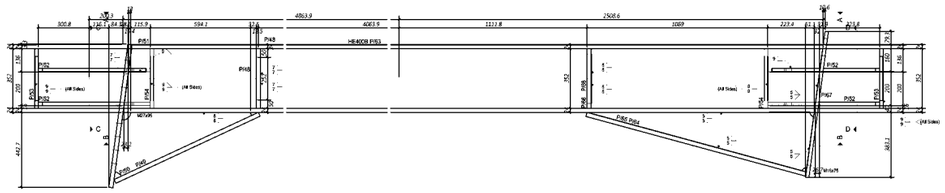
DRWG. TITLE:

BRACING DETAILS

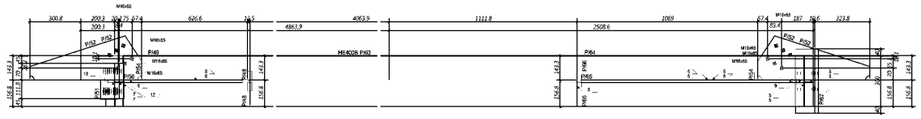
AYOOLA.S	ENGR. TAIWO .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 11
DWG. No:			REV:

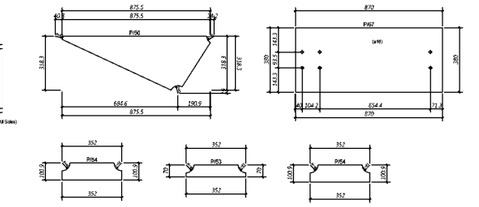
CONSULTING ENGINEERS:



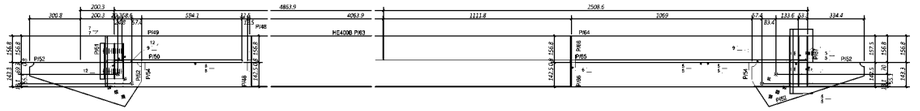
A/18 (1 Pcs. Rqd.)



A - A



C - C



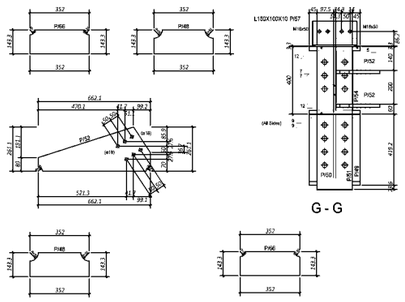
B - B

Material List A/18 (1 Pcs. Rqd.)				
Pos PartName	Material	No.	Net Length(mm)	Net Weight Total(kg)
P/48 PL352x142x25	S355	2	352	8.13	16.26
P/49 PL941x306x25	S355	1	940.52	55.37	55.37
P/50 PL876.318x15	S355	1	875.52	18.3	18.3
P/51 PL854x210x25	S355	1	853.54	35.17	35.17
P/52 PL662x261x29	S355	4	662.12	17.89	71.26
P/53 PL352x70x20	S355	2	352	3.37	6.75
P/54 PL352x191x29	S355	2	352	9.06	18.16
P/52 HE400B	S275	1	7372.54	1139.63	1139.63
P/84 PL1343x305x25	S355	1	1343.47	79.06	79.06
P/85 PL1318x345x15	S355	1	1318.04	27.73	27.73
P/86 PL352x143x25	S355	2	352	9.82	19.64
P/87 PL870x356x20	S355	1	870	61.6	61.6
		19			1532.86

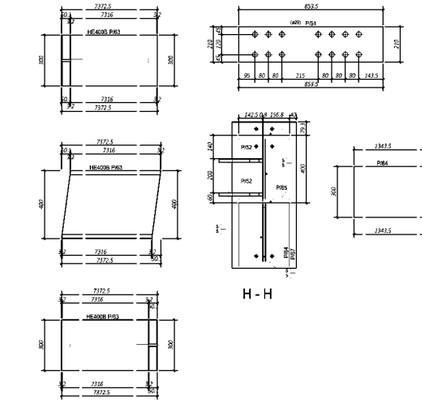
Material List A/11 (3 Pcs. Rqd.)				
Pos PartName	Material	No.	Net Length(mm)	Net Weight Total(kg)
P/48 PL352x142x25	S355	2	352	8.13	16.26
P/49 PL941x306x25	S355	1	940.52	55.37	55.37
P/50 PL876x318x15	S355	1	875.52	18.3	18.3
P/51 PL854x210x25	S355	1	853.54	35.17	35.17
P/52 PL662x261x29	S355	4	662.12	17.89	71.26
P/53 PL352x70x20	S355	2	352	3.37	6.75
P/54 PL352x191x25	S355	2	352	8.06	16.16
P/55 L150X100X10	S355	13	260	4.97	64.68
P/52 HE400B	S275	1	7372.54	1139.63	1139.63
P/84 PL1343x305x25	S355	1	1343.47	79.06	79.06
P/85 PL1318x345x15	S355	1	1318.04	27.73	27.73
P/86 PL352x143x25	S355	2	352	9.82	19.64
P/87 PL870x356x20	S355	1	870	61.6	61.6
		32			1597.44

Bolt List A/18 (1 Pcs. Rqd)				
Index	Diameter	Length(mm)	Material	Count
1	M16	60	Class 8.8	42

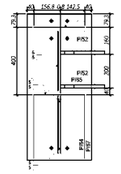
Bolt List A/11 (3 Pcs. Rqd)				
Index	Diameter	Length(mm)	Material	Count
1	M16	50	Class 8.8	54
2	M16	75	Class 12.9	6
3	M16	60	Class 8.8	12



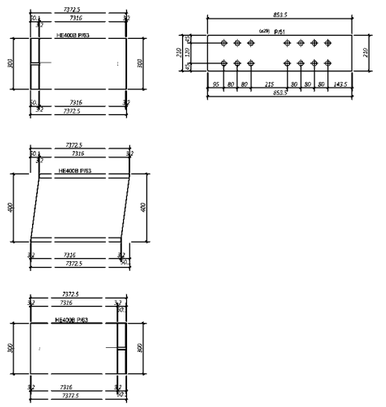
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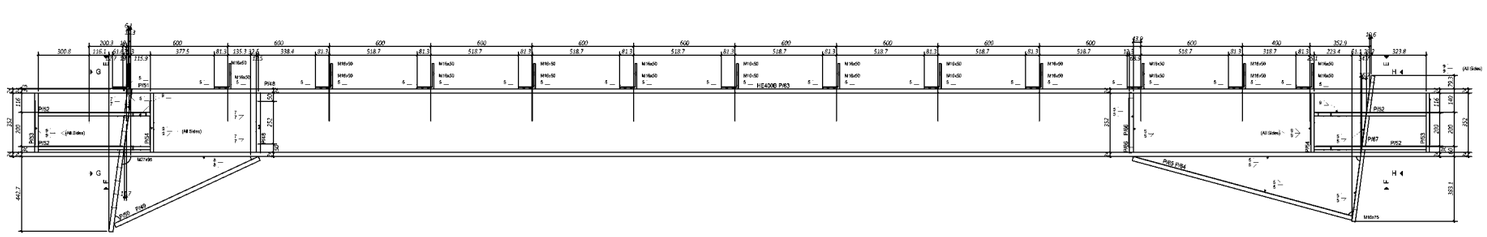


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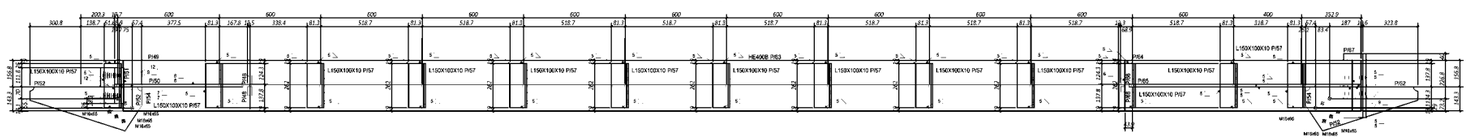


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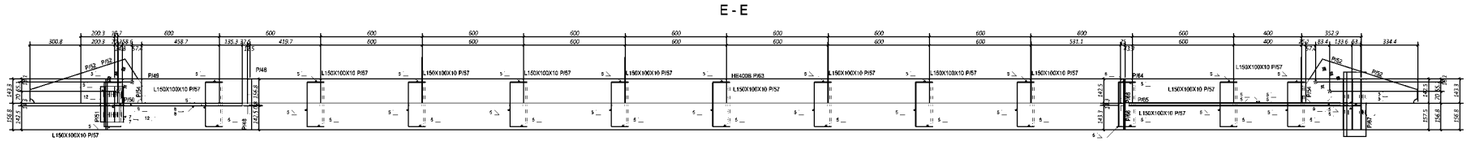




A/11 (3 Pcs. Rqd.)



E - E



F - F

CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
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- All drawings should be read in conjuction with other relevant drawings
- Depth of Foundation to be determined on site

PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

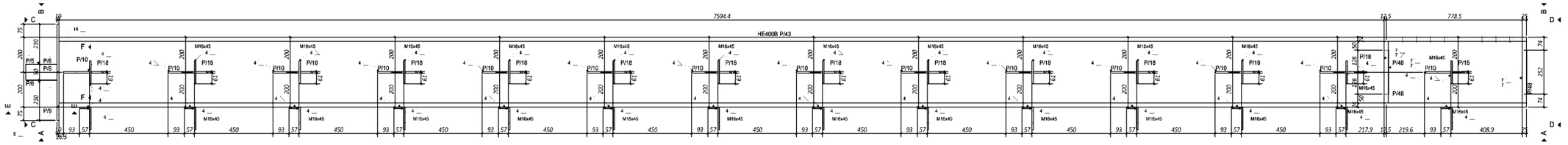
DRWG. TITLE: PURLIN DETAILS

CONSULTING ENGINEERS:

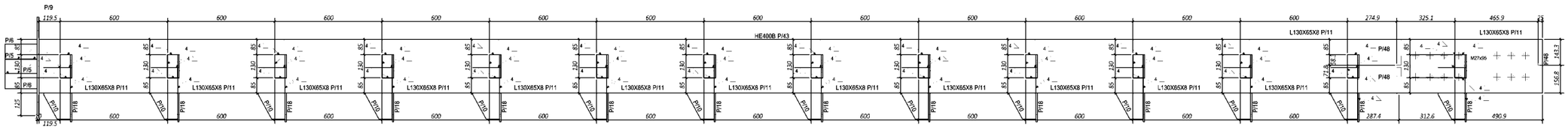
DESIGNED BY:	CHECKED BY:	APPROVED BY:
AYOOLA.S	ENGR. TAIWO .I	

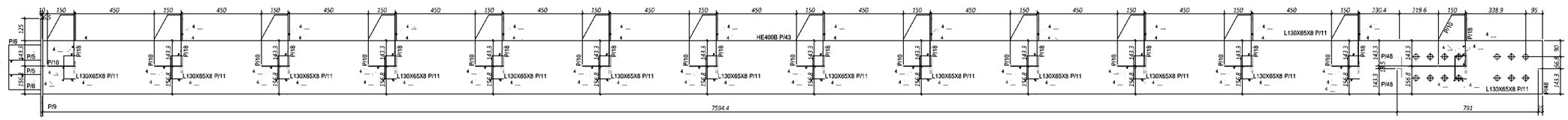
DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 12

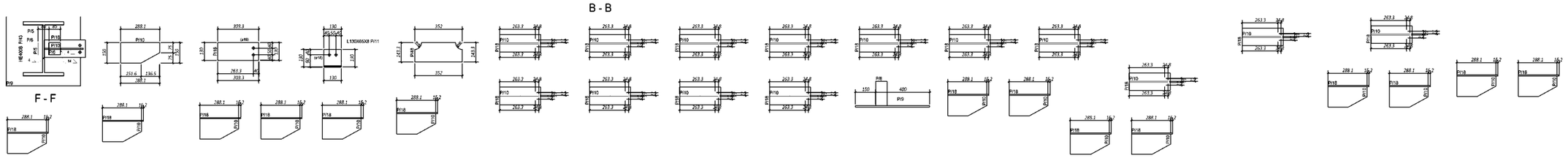
DWG. No: REV:



CL/10 (1 Pcs. Rqd.)







Material List CL/10 (1 Pcs. Rqd.)					
Pos	Part Name	Material	No.	Net Length(mm)	Net Weight(kgf)	Net Weight Total(kgf)
P/5	PL180x80x8S	S355	2	180	9.61	19.22
P/6	PL180x90x8S	S355	2	180	10.81	21.62
P/9	PL350x550x19	S355	1	350	23.74	23.74
P/10	PL288x150x8	S355	14	288.09	2.39	33.49
P/11	L130X65X8	S137	14	130	1.54	21.56
P/18	PL303x130x8	S355	14	303.25	2.48	34.66
P/43	HE400B	S275	1	8410.44	1309.54	1309.54
P/48	PL352x143x25	S355	3	352	9.13	27.39
			51			1491.22

Bolt List CL/10 (1 Pcs. Rqd.)				
Index	Diameter	Length(mm)	Material	Count
1	M27	90	Class 8.8	14
2	M16	45	Class 8.8	56
3	M22	50	4.6	4

CLIENT:

PORTFOLIO

NOTES:
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PROJECT:

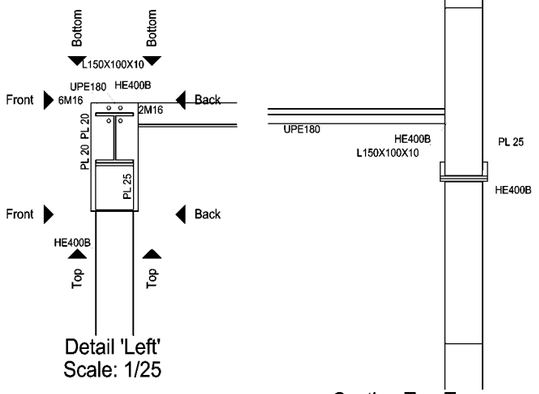
PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

DRWG. TITLE: COLUMN DETAILS

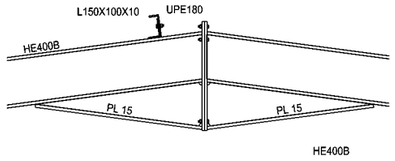
CONSULTING ENGINEERS:

AYOOLA.S	ENGR. TAIWO .I		
DESIGNED BY:	CHECKED BY:	APPROVED BY:	
DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 13
DWG. No:			REV:

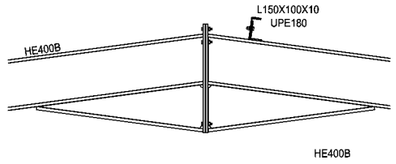


Detail 'Left'
Scale: 1/25

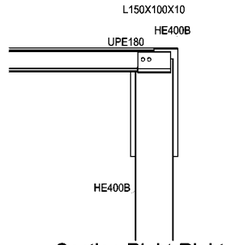
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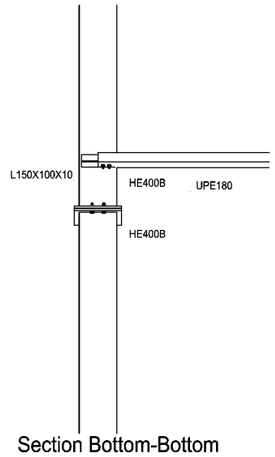
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Section Back-Back

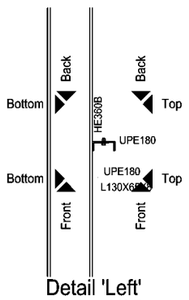


Section Right-Right

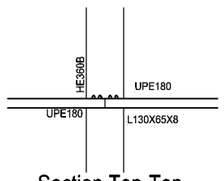


Section Bottom-Bottom

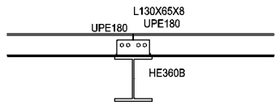
HAUNCH CON



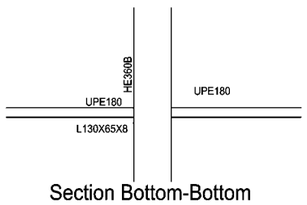
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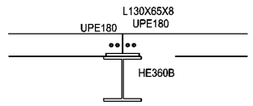
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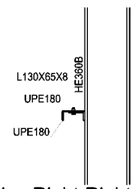
Section Front-Front



Section Bottom-Bottom



Section Back-Back



Section Right-Right

COL TO BEAM 1

CLIENT:

PORTFOLIO

NOTES:
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PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

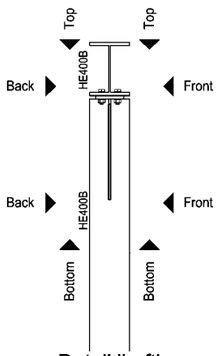
DRWG. TITLE: SECTION CUT DETAILS 2

DESIGNED BY:	CHECKED BY:	APPROVED BY:
AYOOLA.S	ENGR. TAIWO .I	

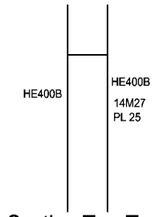
DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 14

DWG. No: REV:

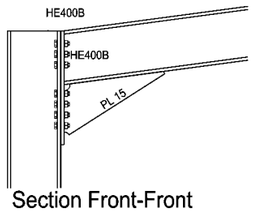
CONSULTING ENGINEERS:



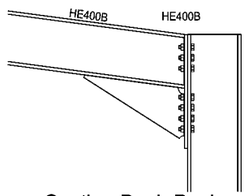
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Scale: 1/25



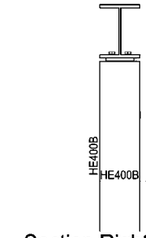
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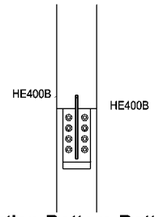
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Section Back-Back

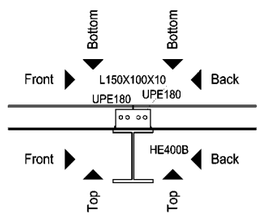


Section Right-Right

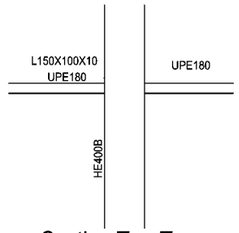


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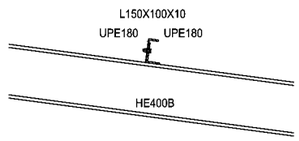
HAUNCH CON 2



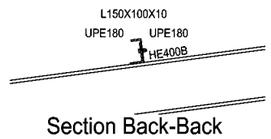
Detail 'Left'
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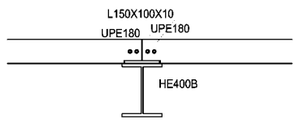
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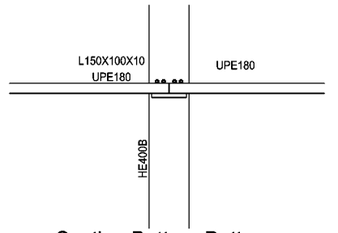
Section Front-Front



Section Back-Back



Section Right-Right



Section Bottom-Bottom

PURLIN CON

CLIENT:

PORTFOLIO

NOTES:
- All dimension are in 'mm' except stated otherwise
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PROJECT:

PORTFOLIO

TITLE: STRUCTURAL DRAWINGS

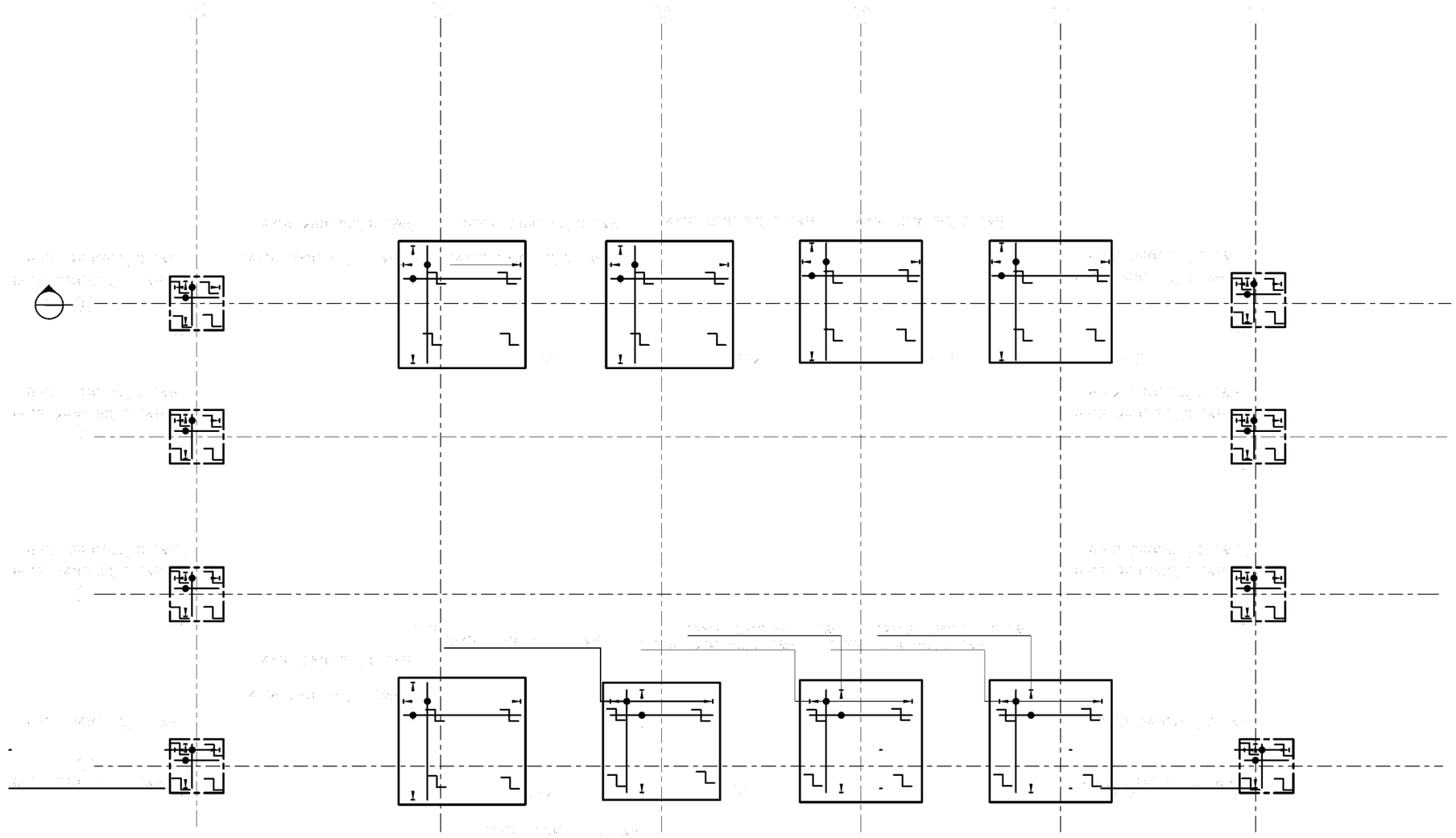
DRWG. TITLE: SECTION CUT DETAILS 1

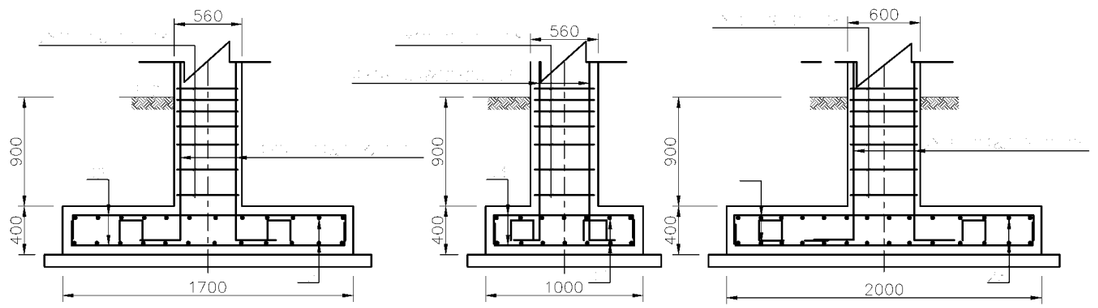
AYOOLA.S	ENGR. TAIWO .I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S | DATE: MAY | SCALE: 1:100 | SHT. 15

DWG. No: | REV:

CONSULTING ENGINEERS:





CLIENT:

PORTFOLIO

NOTES:
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PROJECT:

PORTFOLIO

TITLE:

STRUCTURAL DRAWINGS

DRWG. TITLE:

FOUNDATION PLINTH DETAIL

AYOOLA.S	ENGR. TAIWO.I	
DESIGNED BY:	CHECKED BY:	APPROVED BY:

DRAWN: AYOOLA.S	DATE: MAY	SCALE: 1:100	SHT. 16
DWG. No:			REV:

CONSULTING ENGINEERS: