

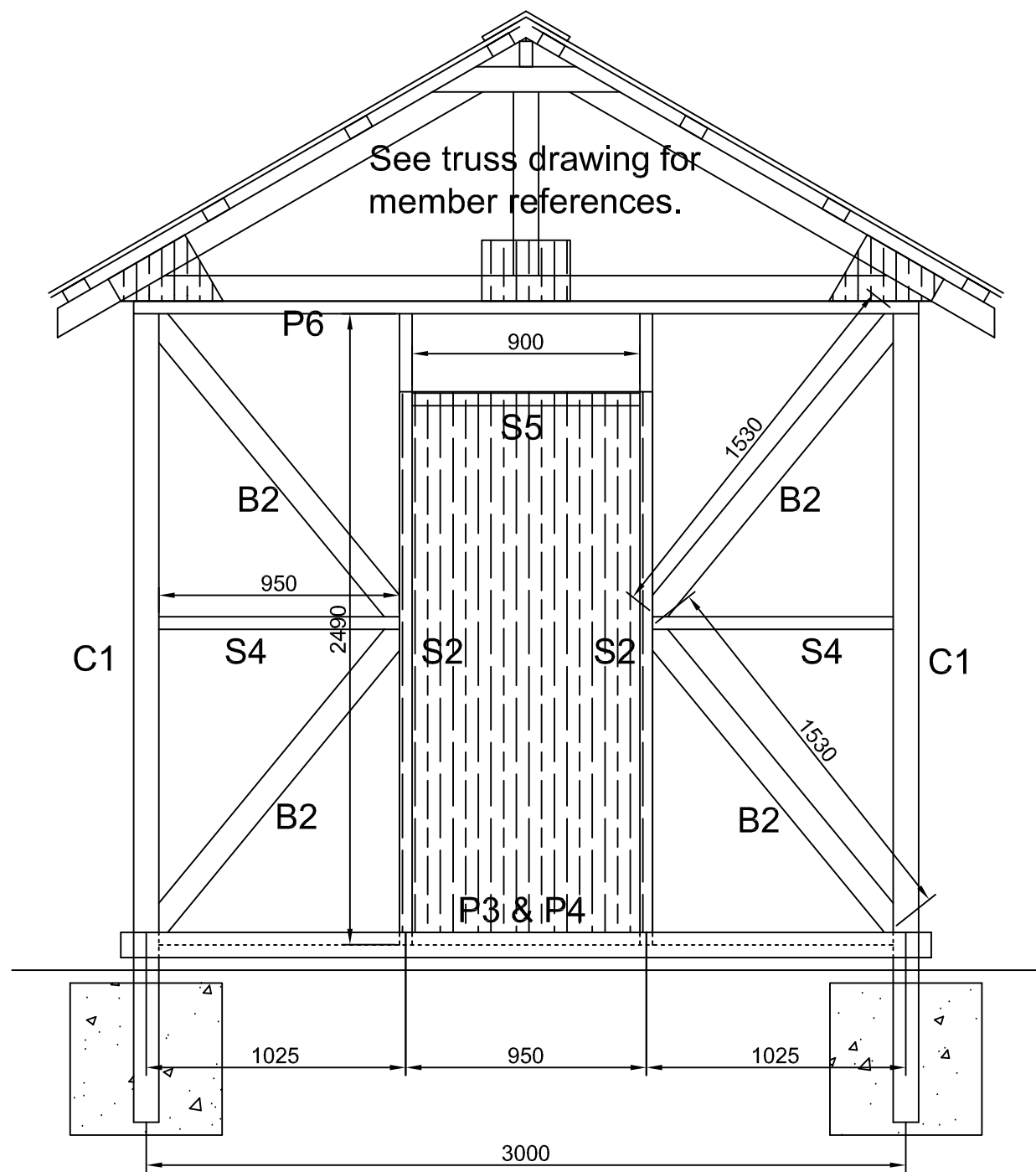
- NOTES.
- 1. All timber is 2"x4" except primary columns which are 4"x4".
 - 2. All metal strapping is GI GA 18 or GA 20.
 - 3. All nails are 4" unless noted otherwise.
 - 4. All timber is grade 2 pressure treated (0.6pcf)

B				
A				
—	FIRST ISSUE	TKN		15/06/10
MK	REVISIONS	CHK	AUTH	DATE



STANDARD FRAME SIDE
TITLE.

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-101				REV. —



CLADDING LIST

ITEM	MATERIAL	DIMENSIONS	NUMBER
Door	1/2" Plywood	2130x900	2
Windows	1/2" Plywood	800x1100	4
Wall	Plastic sheeting	45m2	N/A
Roof	CGI sheeting	3'x6'	22

DOORS AND WINDOWS TO BE FRAMED WITH 1"x4" TIMBERS.

CONSTRUCTION SEQUENCE

1. Dig foundation holes
2. Construct wall frames flat on ground, including braces.
3. Drill holes for rebar and insert bars.
4. Erect frames and prop ensuring they are vertical and level.
5. Pour concrete, using a cement:sand:gravel mix of 1:3:6 (250kg cement per cubic meter) .
6. Cure concrete by covering with plastic for 24 hours.
7. Install corner bracing.
7. Construct trusses flat on ground.
8. Lift trusses and secure to building frame.
9. Install roof brace strapping.
11. Install purlins and nail roof brace strapping to underside of purlins.
10. Install roof cladding using twisted shank spring head roofing nails.
11. Install doors and window shutters.
12. Clad walls and gables with plastic sheeting or owner's own materials.

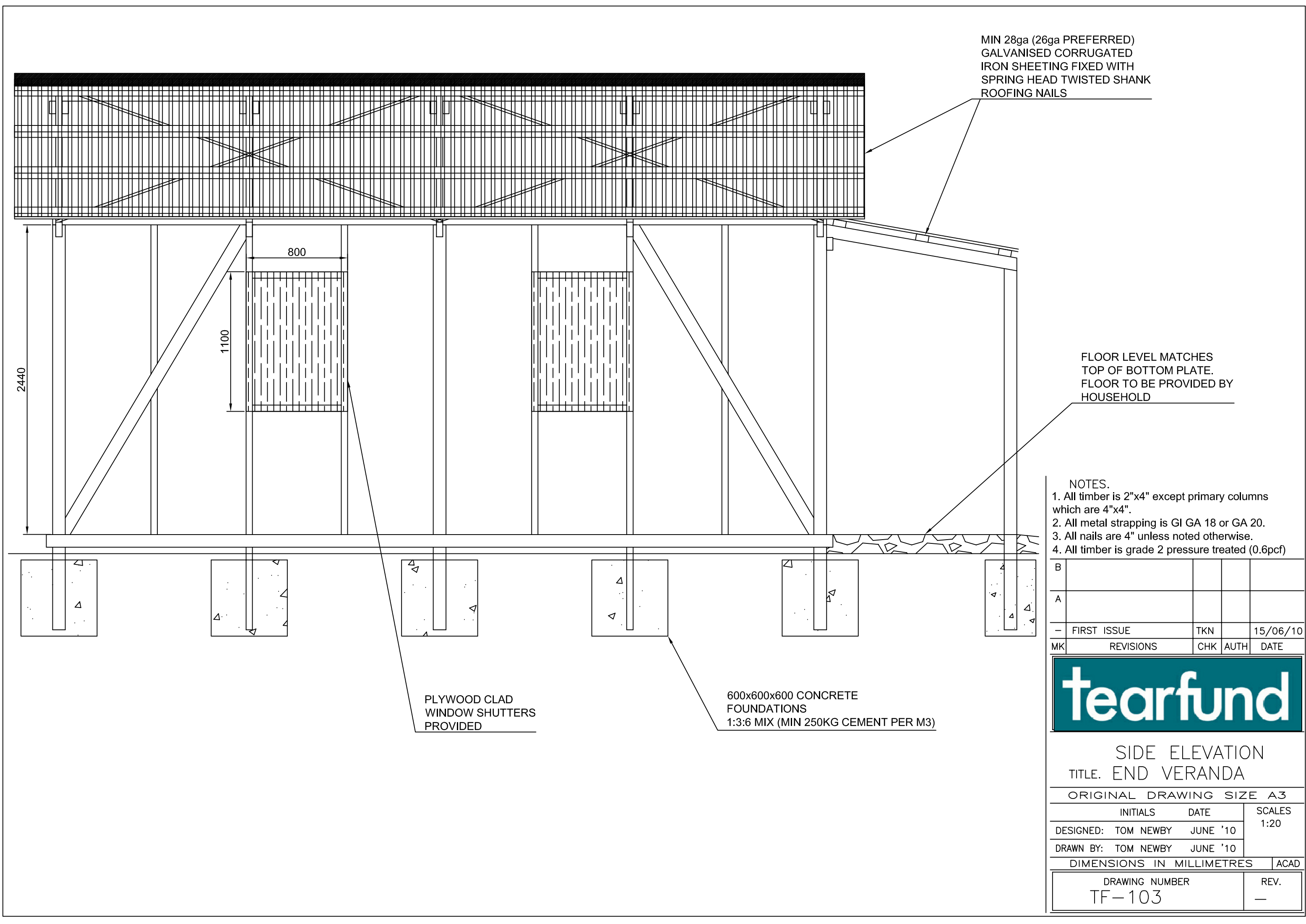
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STANDARD FRAME FRONT
TITLE.

ORIGINAL DRAWING SIZE A3			
INITIALS		DATE	
DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER			REV.
TF-102			—



MIN 28ga (26ga PREFERRED)
GALVANISED CORRUGATED
IRON SHEETING FIXED WITH
SPRING HEAD TWISTED SHANK
ROOFING NAILS

FLOOR LEVEL MATCHES
TOP OF BOTTOM PLATE.
FLOOR TO BE PROVIDED BY
HOUSEHOLD

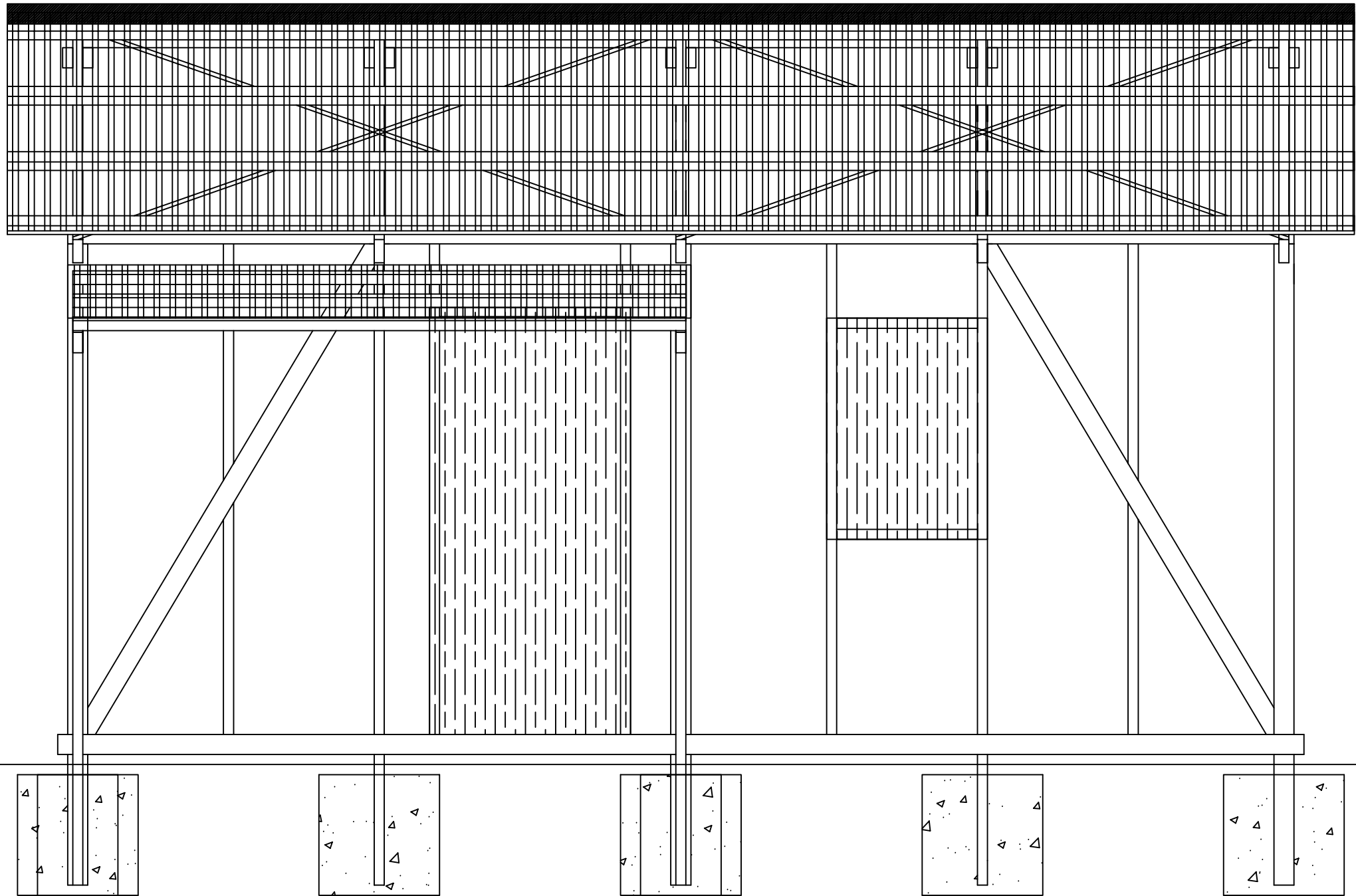
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SIDE ELEVATION
TITLE. END VERANDA

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-103				REV. —



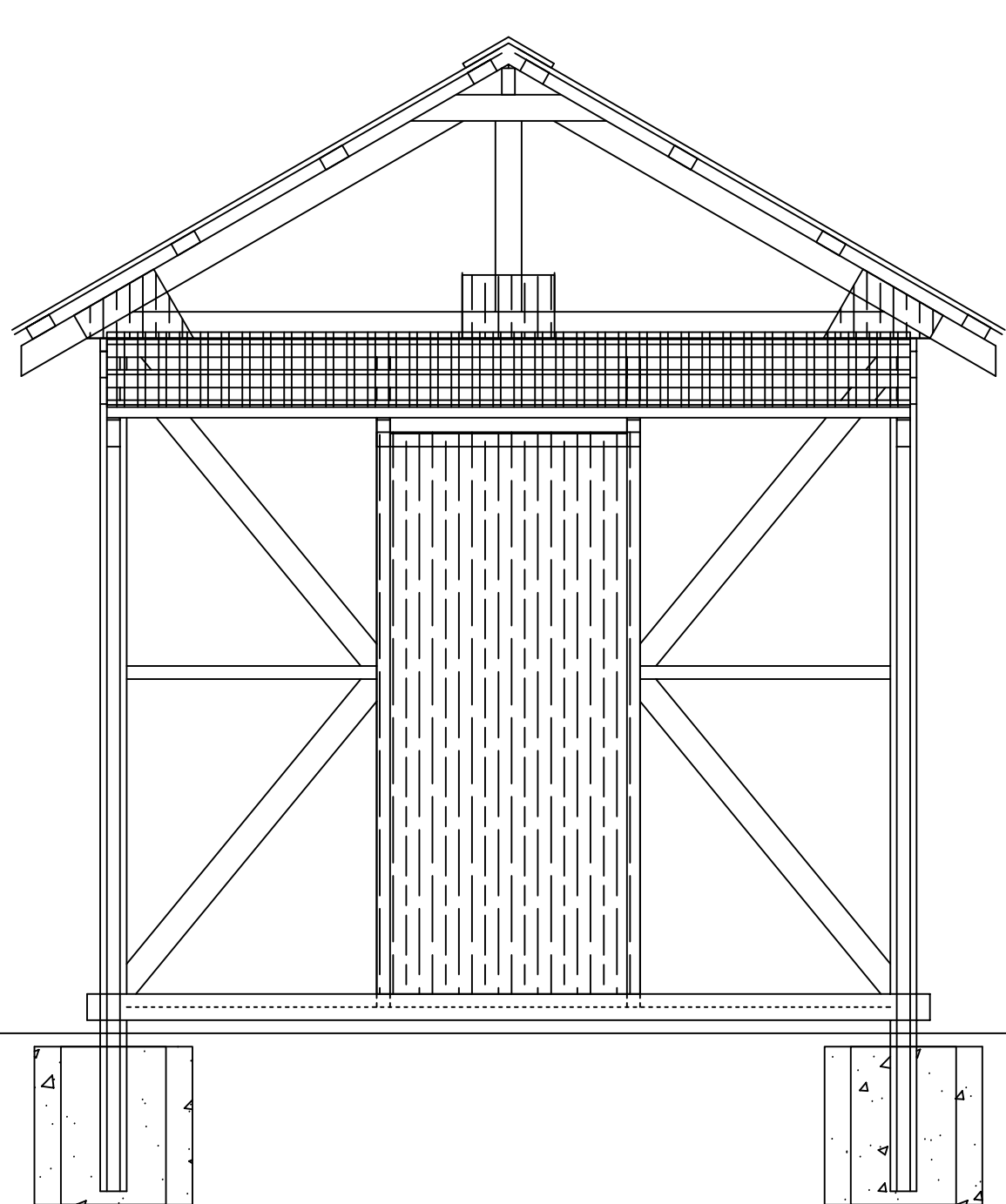
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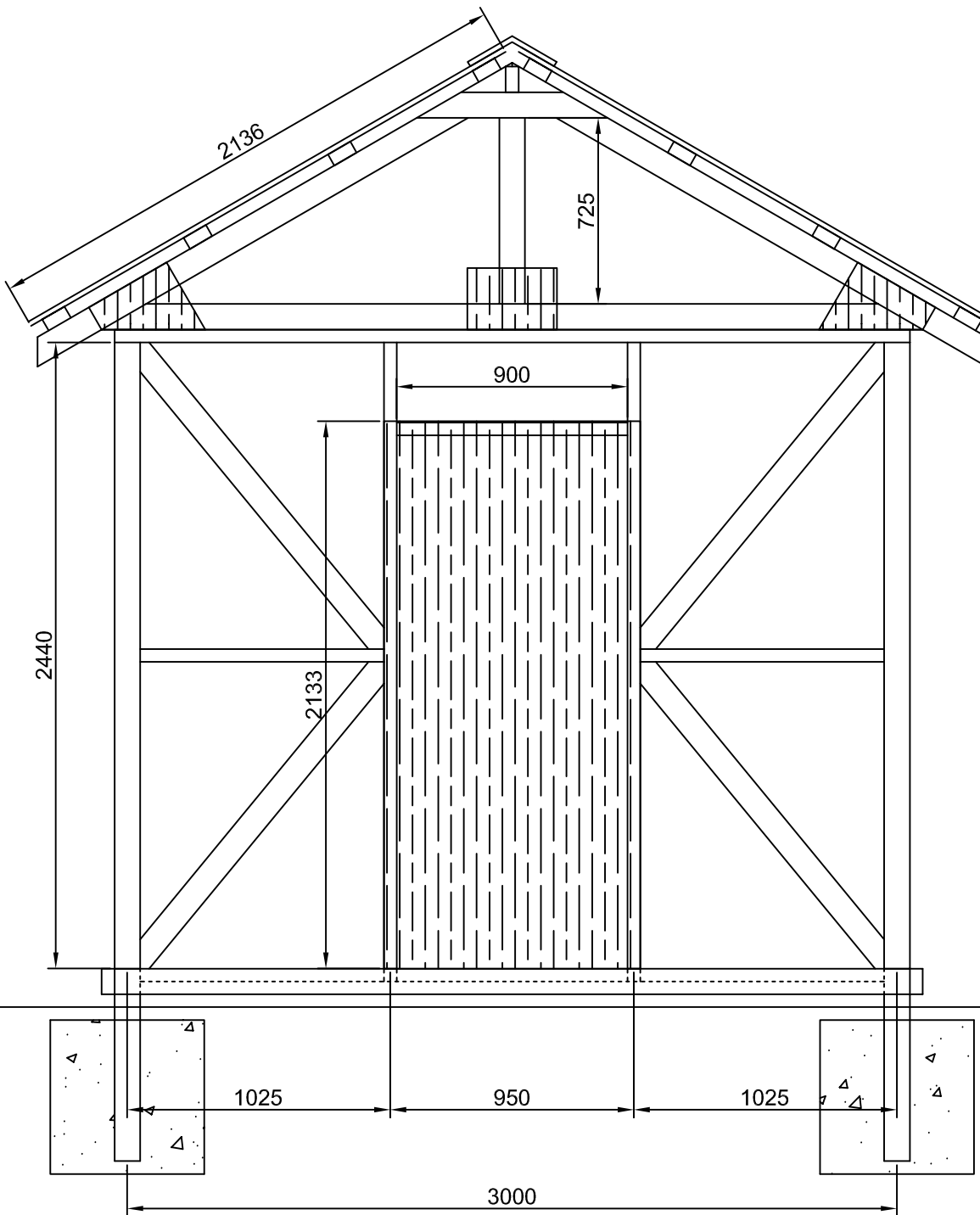


SIDE ELEVATION
TITLE. SIDE VERANDA

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-104				REV. —



FRONT ELEVATION



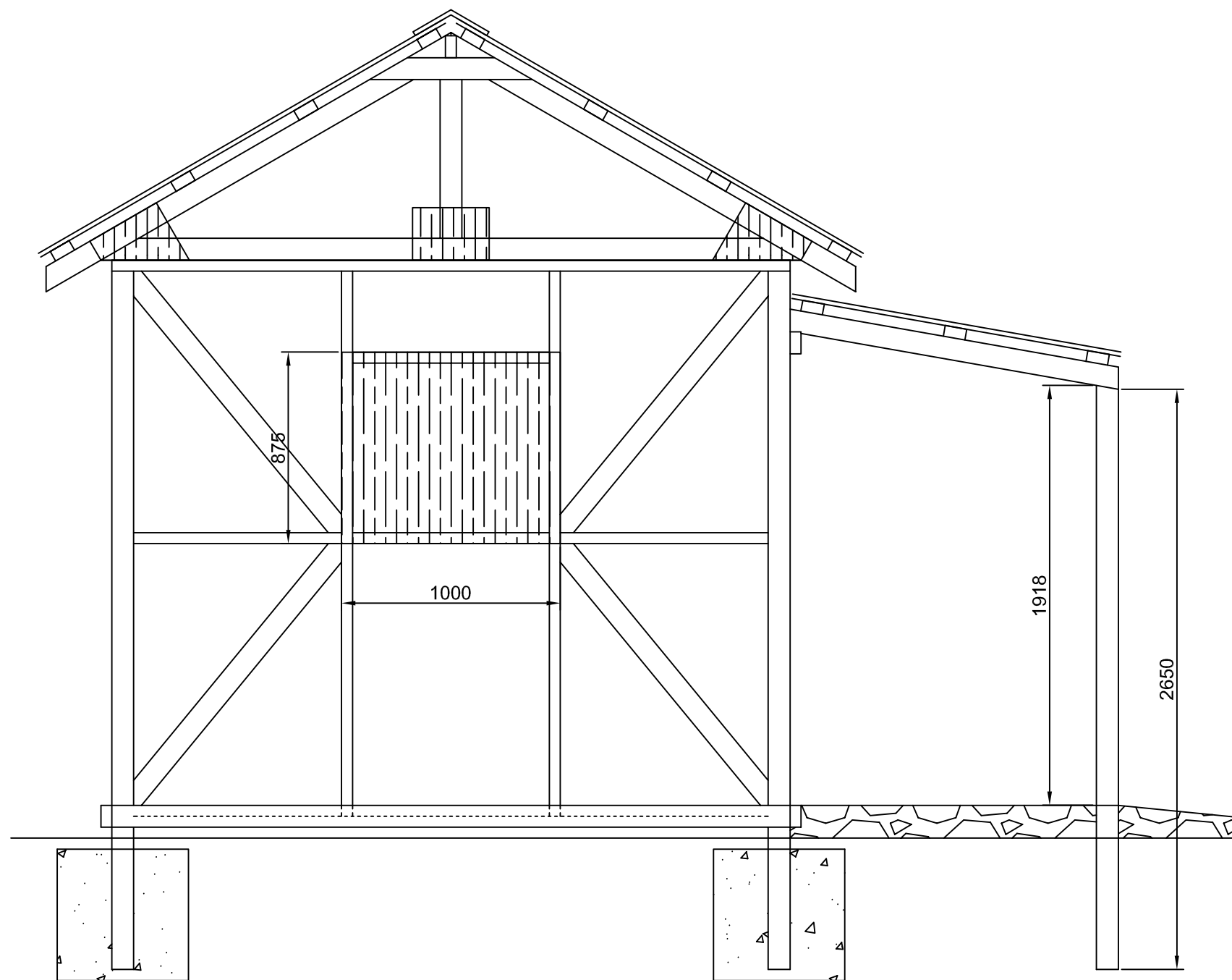
REAR ELEVATION

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END ELEVATIONS			
TITLE.		END VERANDA	
ORIGINAL DRAWING SIZE A3			
INITIALS		DATE	SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER TF-105			REV. —



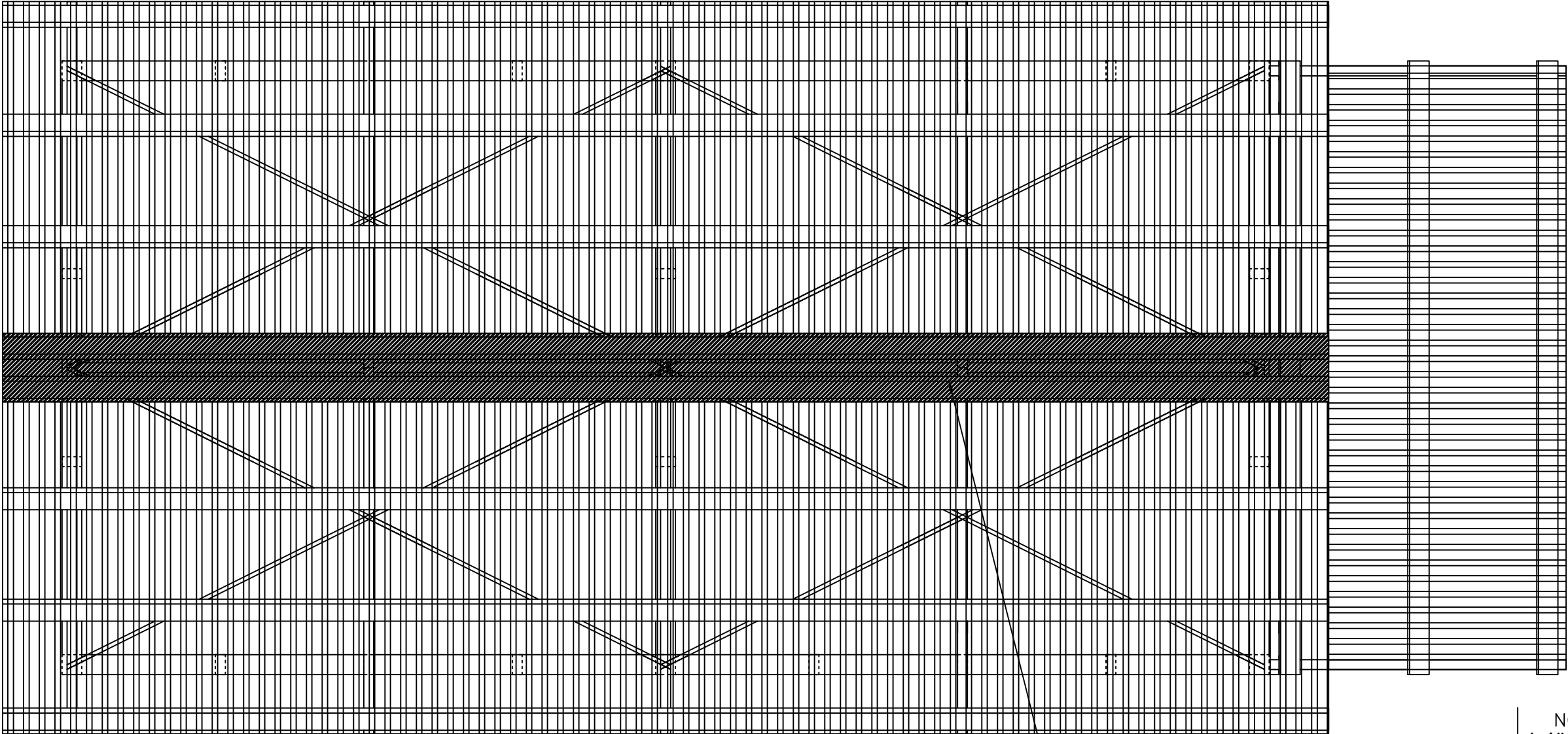
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tearfund

END ELEVATION
TITLE. SIDE VERANDA

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-106				REV. —



16" WIDE RIDGE ELEMENT
GALVANISED SHEET STEEL
28ga MINIMUM, 26ga PREFERRED

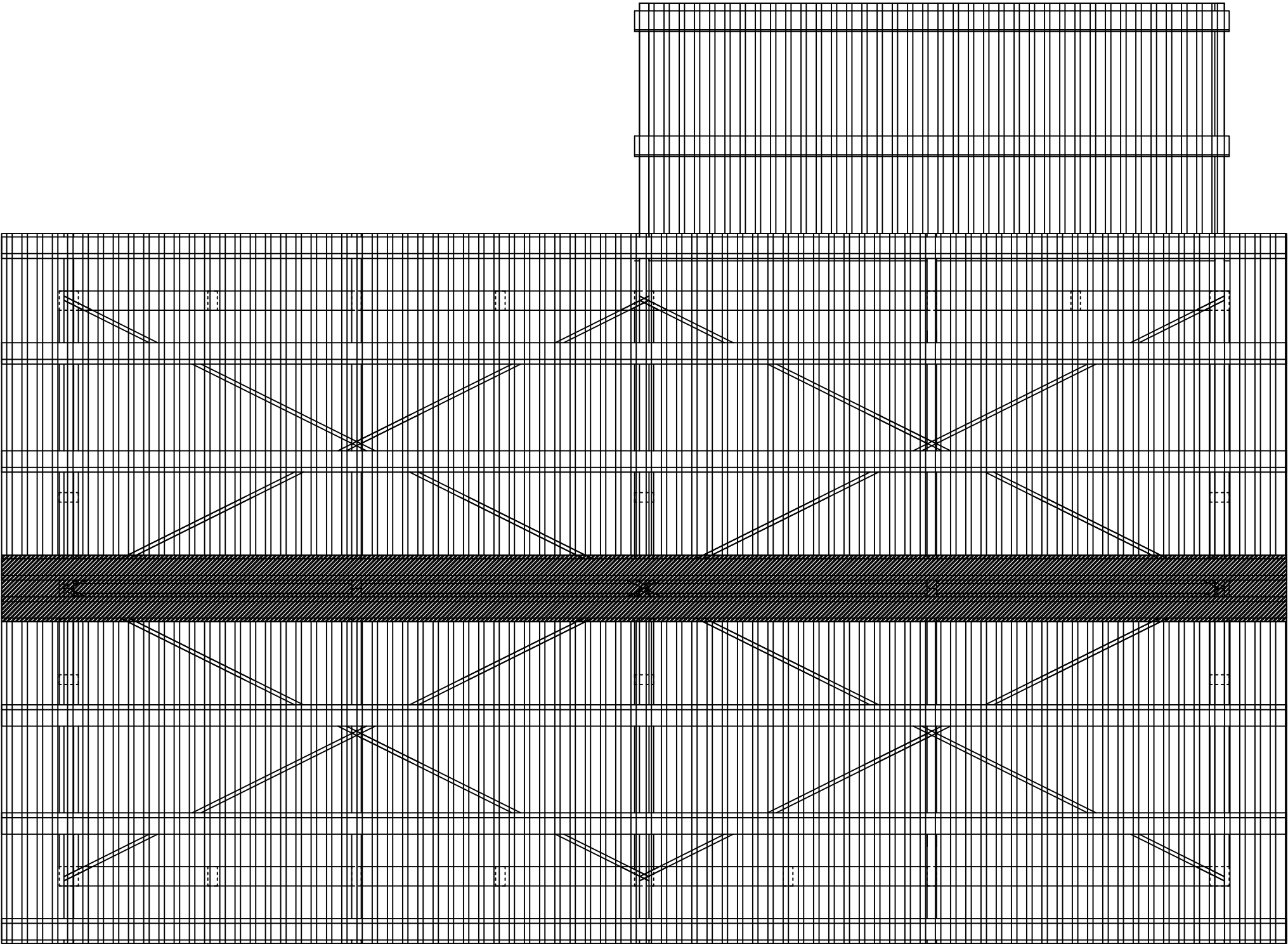
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PLAN
TITLE. END VERANDA

ORIGINAL DRAWING SIZE A3			
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DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER TF-107			REV. —



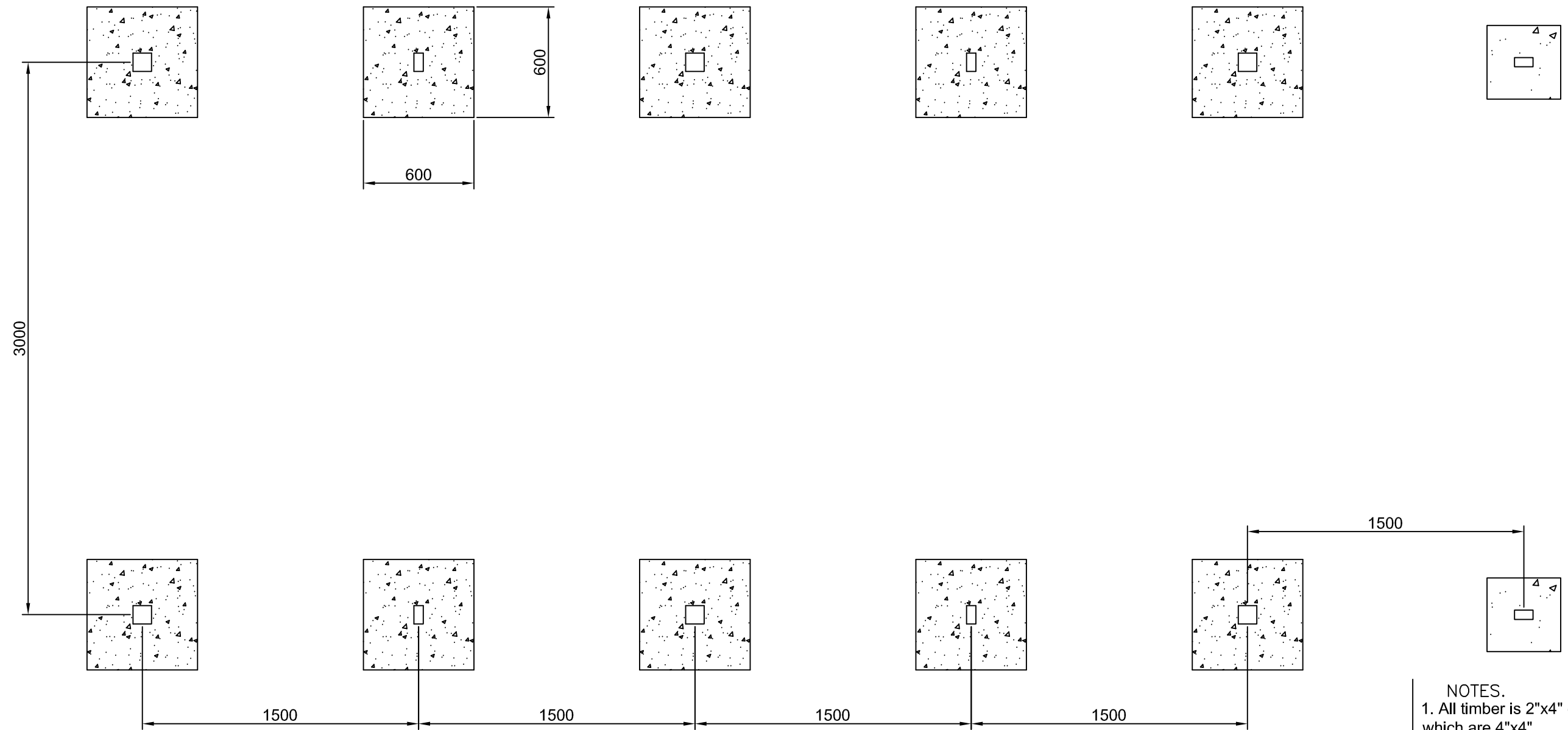
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PLAN
TITLE. SIDE VERANDA

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-108				REV. —



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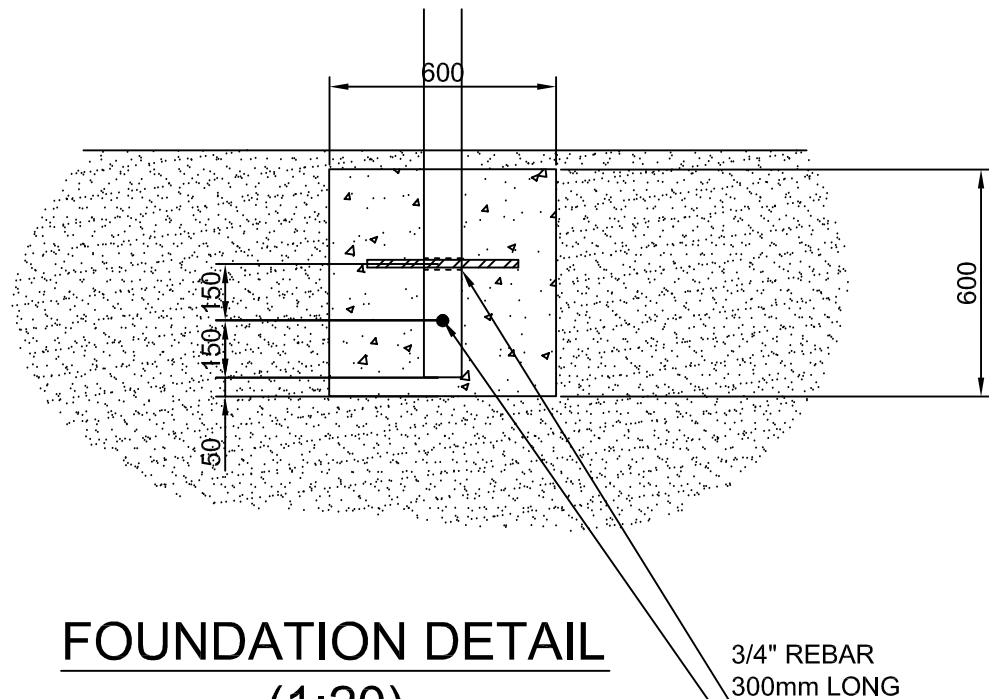
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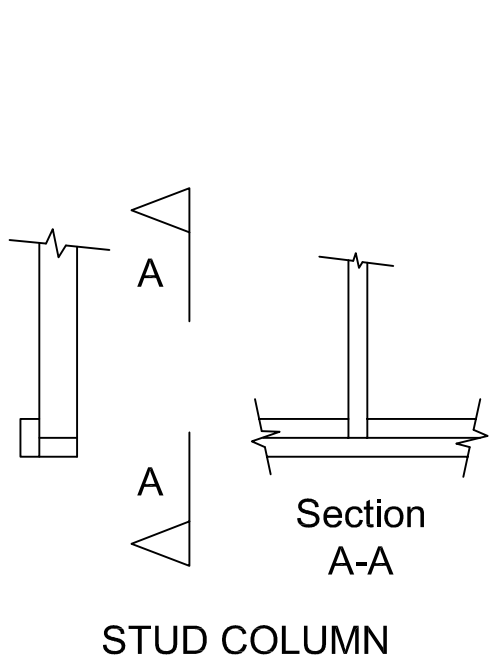
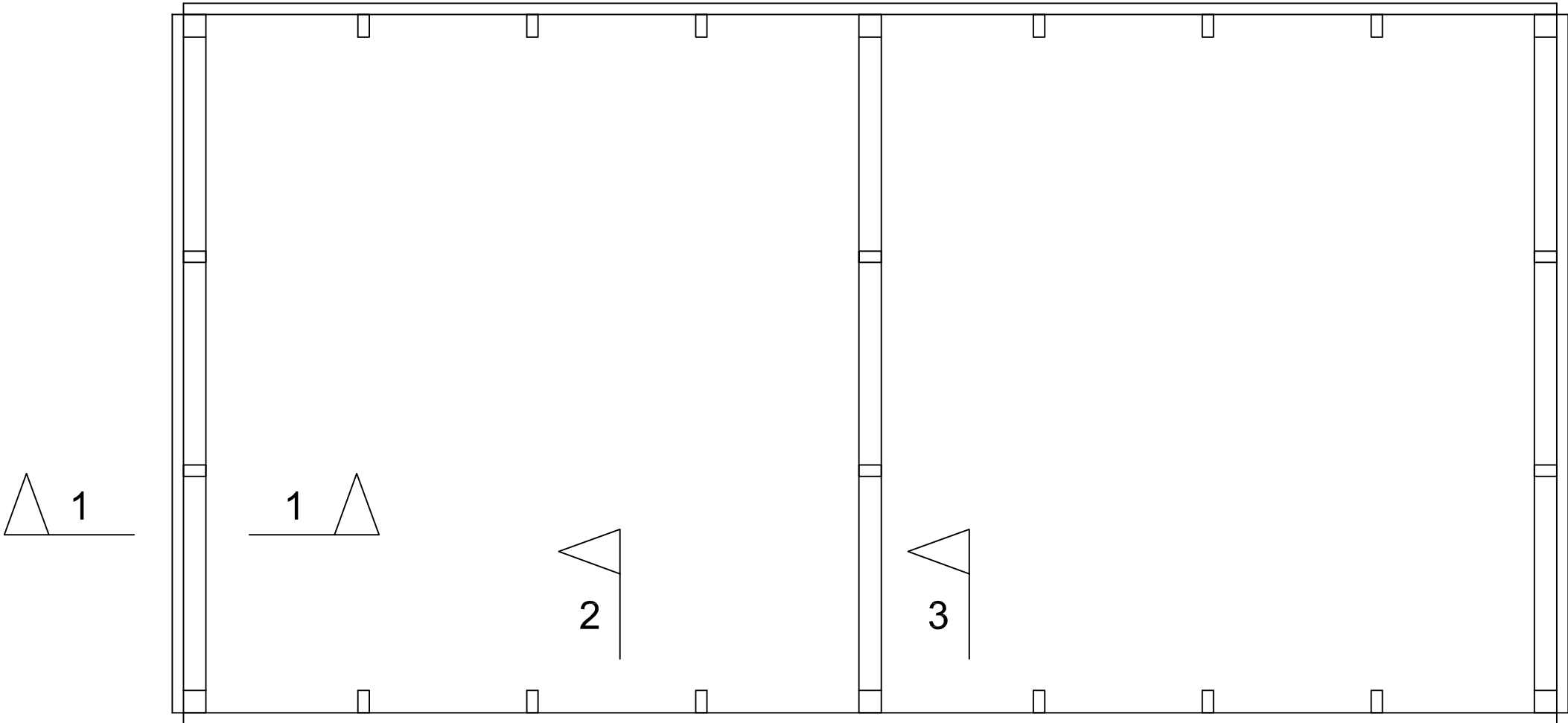
PLAN			
TITLE.		END VERANDA	
ORIGINAL DRAWING SIZE A3			
INITIALS		DATE	SCALES 1:25
DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER			REV.
TF-109			—

CONCRETE SPECIFICATION

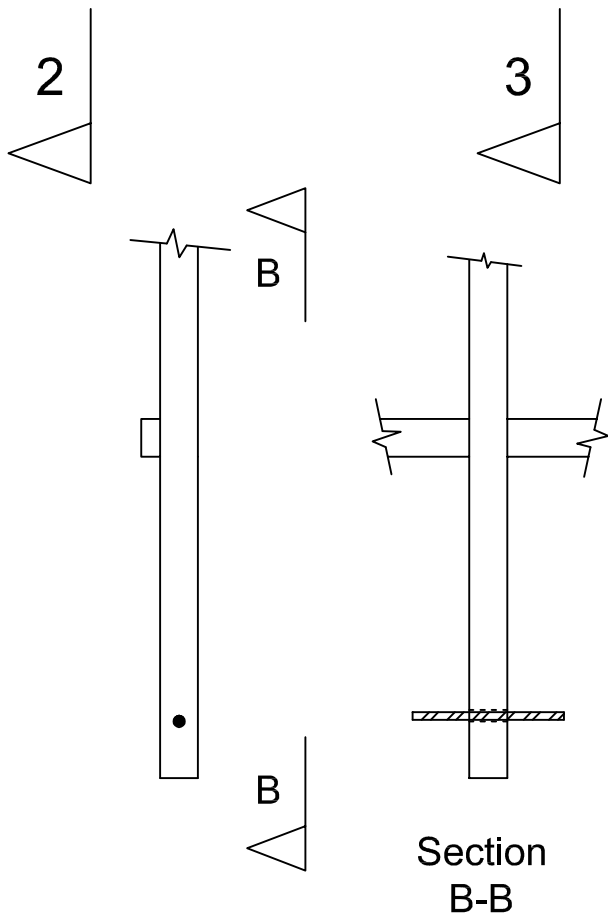
1. CONCRETE FOR FOUNDATIONS TO BE OF A CEMENT:SAND:GRAVEL MIX OF 1:3:6 (250kg cement per m3)
2. SAND TO BE WASHED RIVER SAND.
3. SAND TO BE SIEVED IF SIGNIFICANT QUANTITIES OF COARSE OR ORGANIC MATERIAL IS FOUND.
4. AGGREGATE TO BE 3/4" GRAVEL FROM CRUSHED ROCK.
5. CONCRETE IS TO BE WELL-COMPACTED.
6. CONCRETE IS TO BE CURED BY COVERING WITH A PLASTIC SHEET FOR AT LEAST 24 HOURS.



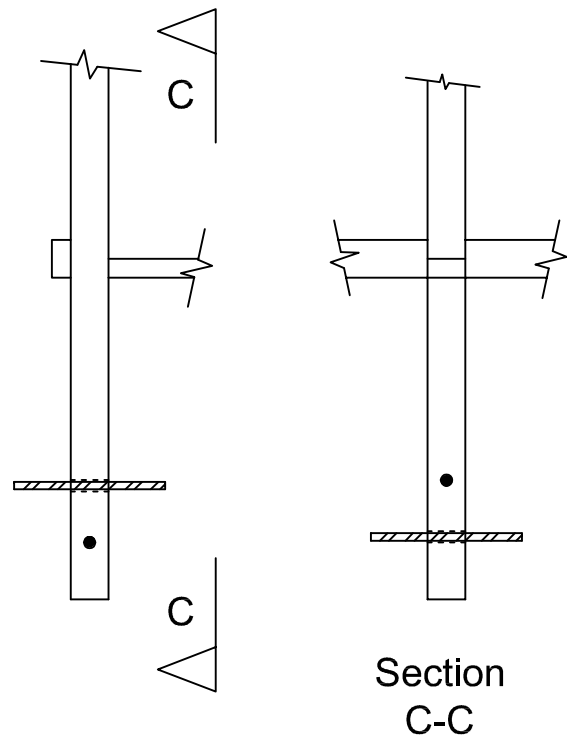
FOUNDATION DETAIL
(1:20)



SECTION 1-1



SECTION 2-2



SECTION 3-3

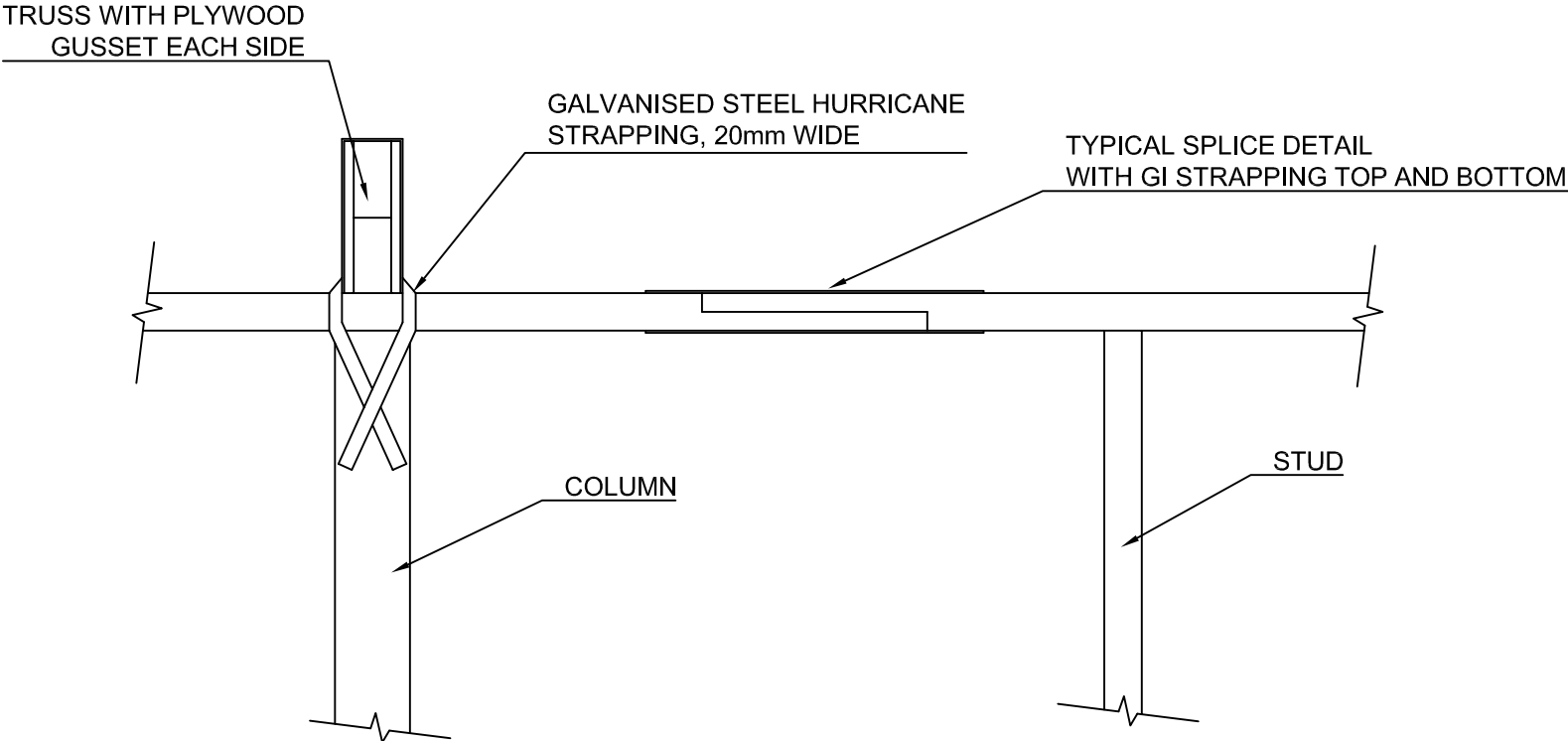
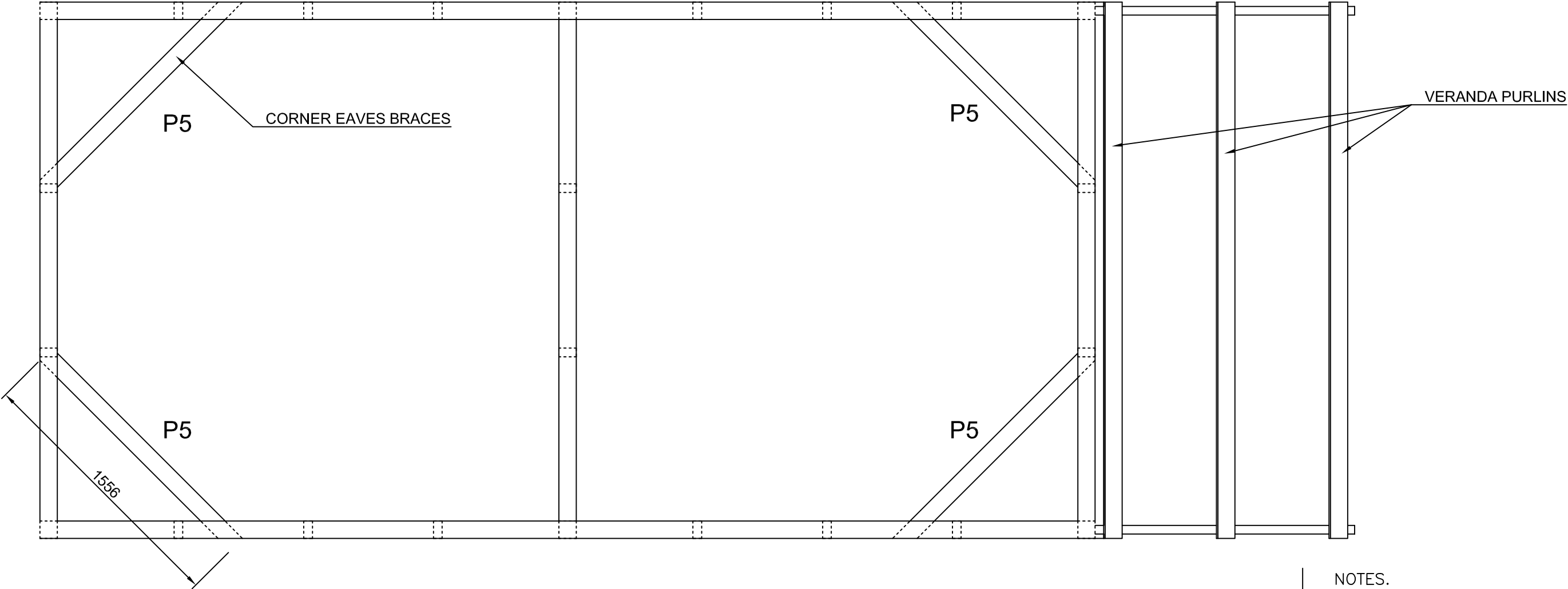
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BOTTOM PLATE PLAN
TITLE.

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DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER			REV.
TF-110			—



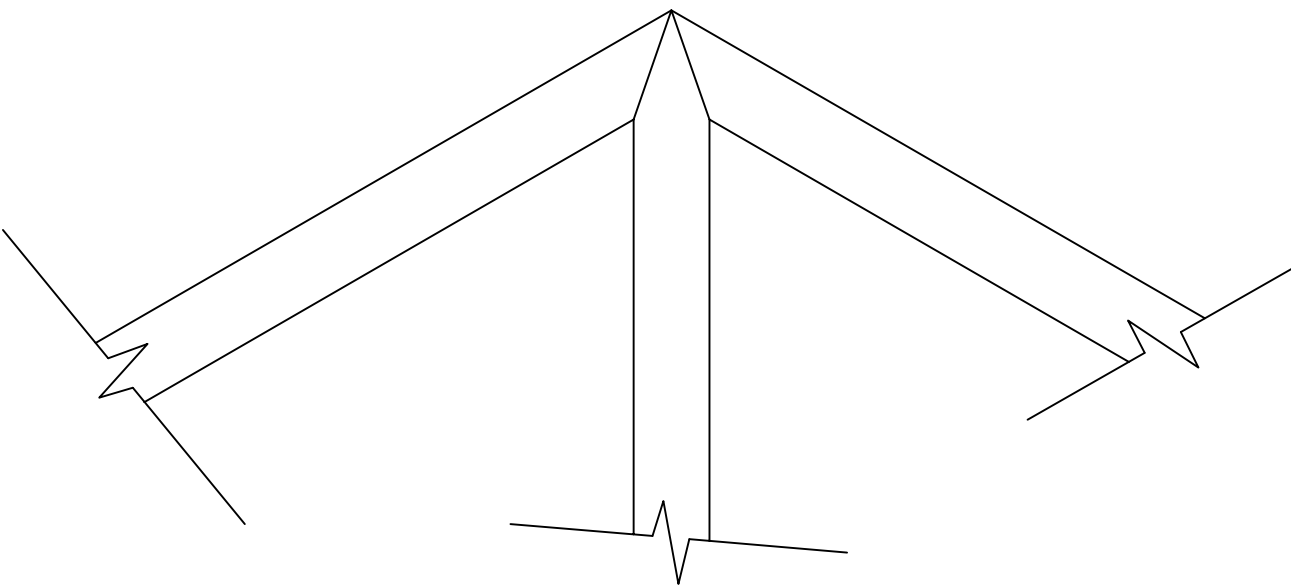
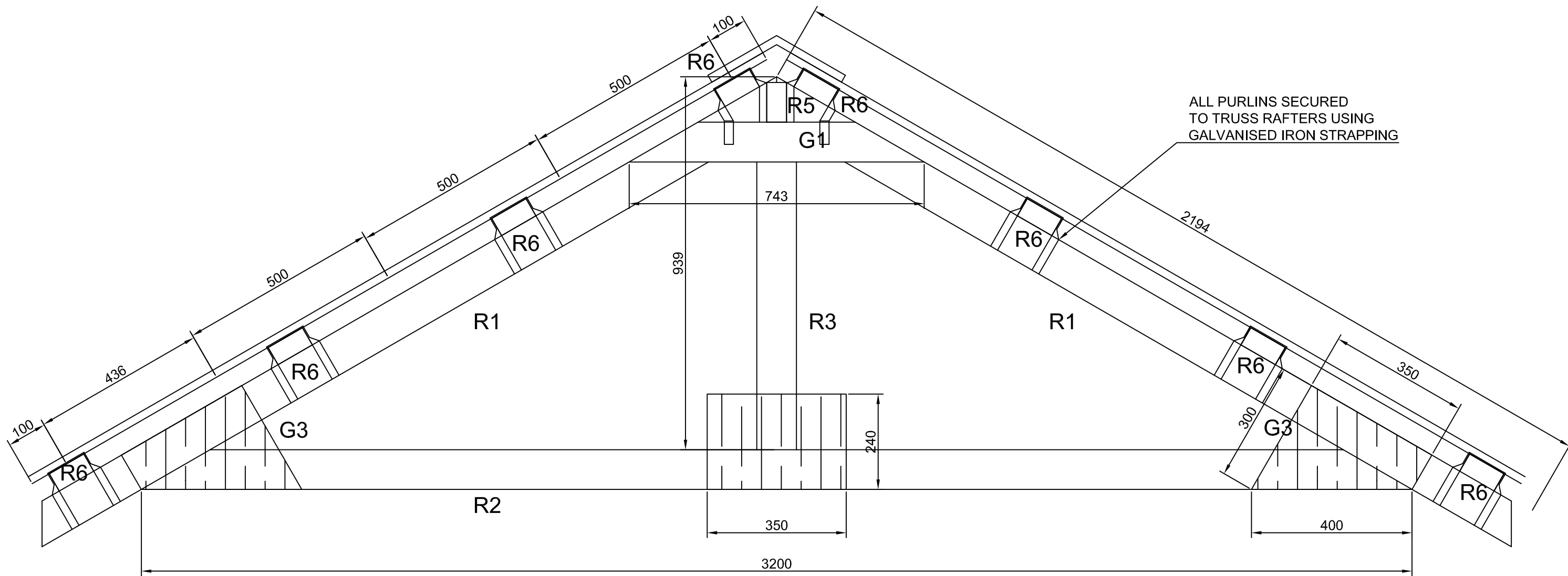
TOP PLATE & COLUMN DETAILS
(1:10)

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TOP PLATE PLAN			
TITLE.			
ORIGINAL DRAWING SIZE A3			
INITIALS		DATE	SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER TF—111			REV. —



TRUSS TOP CONNECTION DETAIL
(1:10)

TRUSS NOTES

1. Gussets to be secured with minimum 6 nails per connected member, each side.
2. Gussets to be minimum 300mm in smallest dimension.
3. No truss members to be spliced.

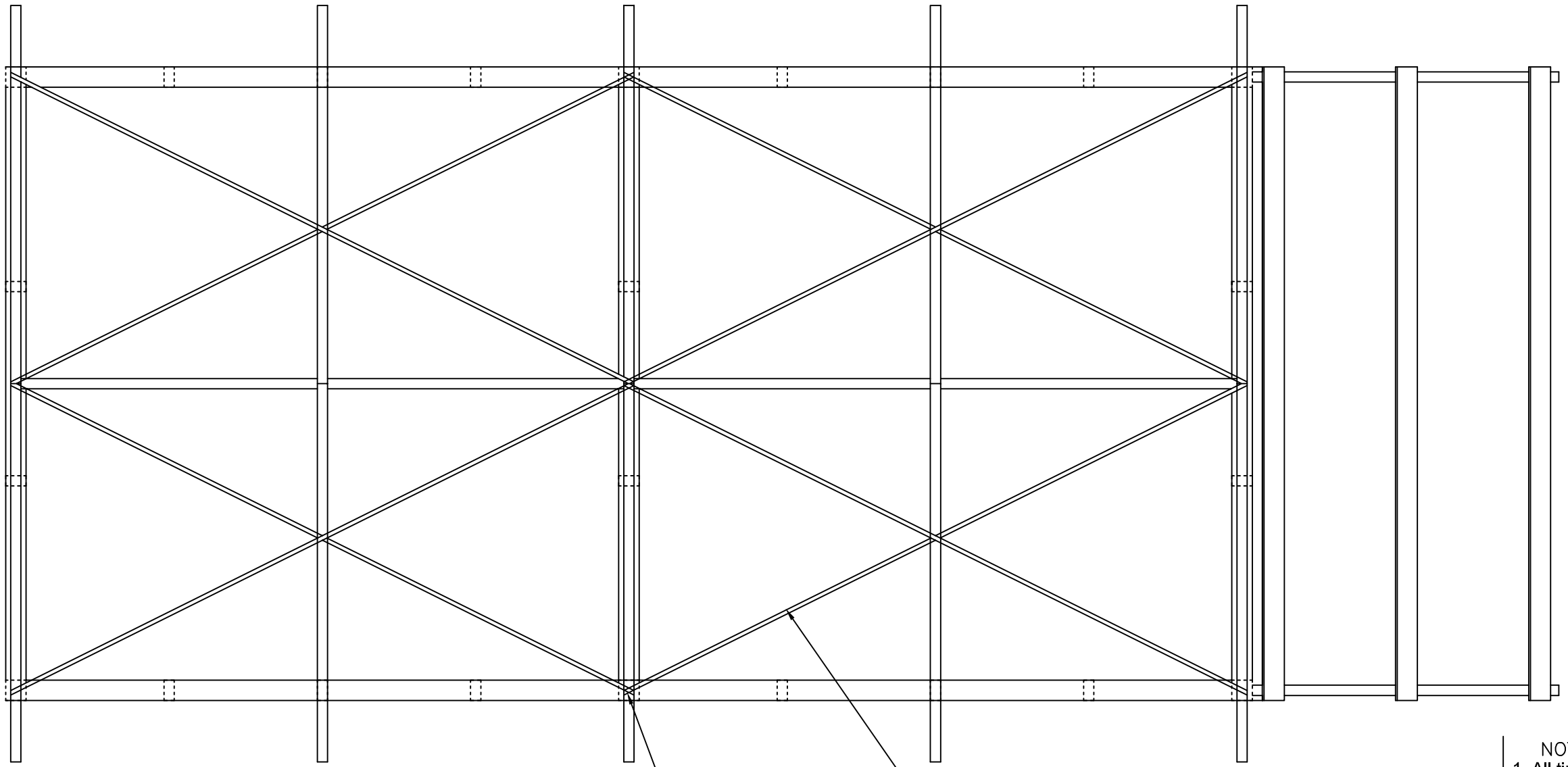
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STANDARD TRUSS
TITLE.

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:10
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-112				REV. —



TRUSSES CENTRAL ON COLUMNS
AND SECURED TO COLUMNS WITH
GALVANISED IRON STRAPPING

GALVANISED IRON STRAPPING
USED AS CROSS-BRACING
AND NAILED TO TOP OF RAFTERS
AND UNDERSIDE OF PURLINS

NOTES.

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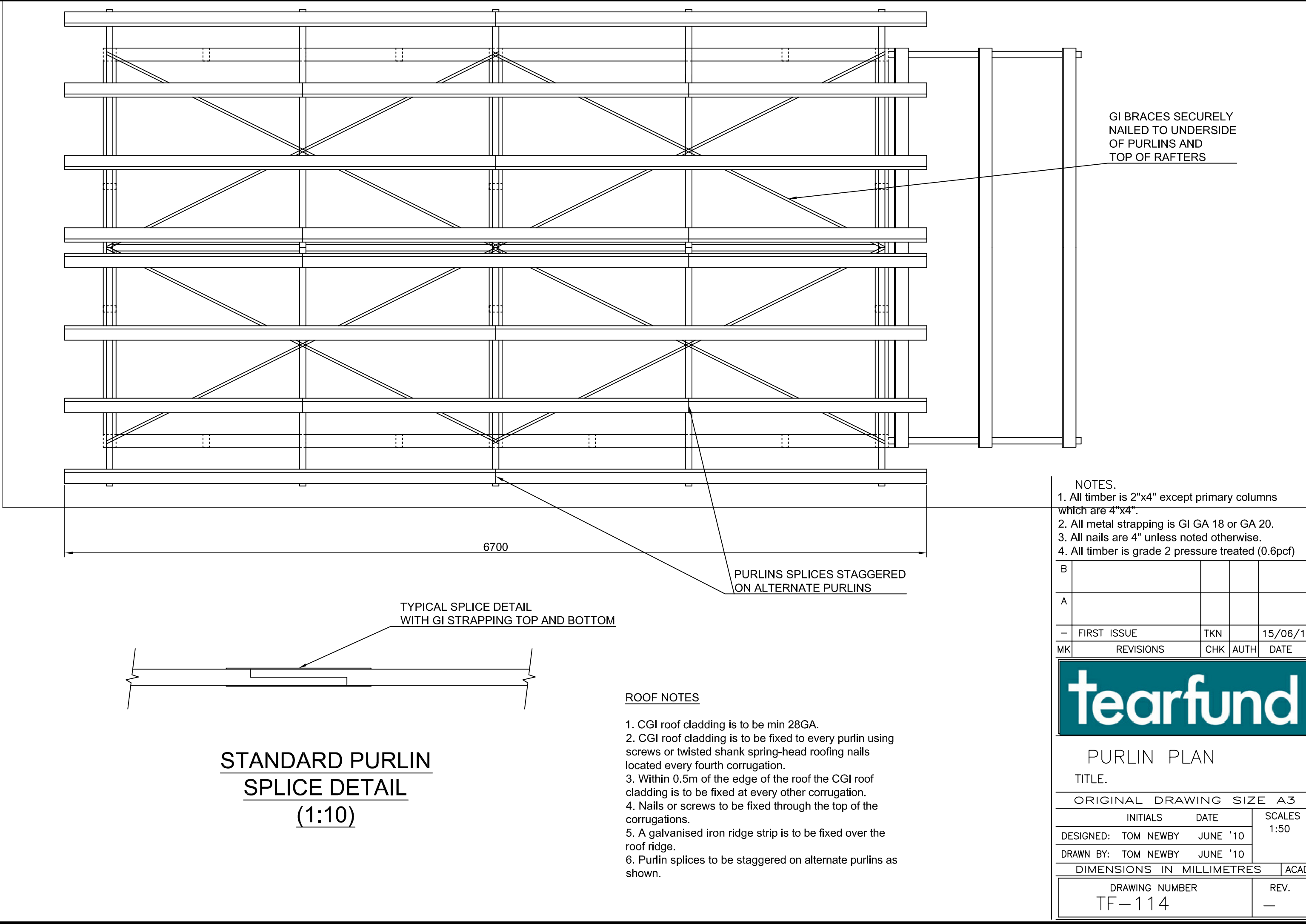
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ROOF PLAN

TITLE.

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:50
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER				REV.
TF-113				—



STANDARD PURLIN
SPLICE DETAIL
(1:10)

ROOF NOTES

- 1. CGI roof cladding is to be min 28GA.
- 2. CGI roof cladding is to be fixed to every purlin using screws or twisted shank spring-head roofing nails located every fourth corrugation.
- 3. Within 0.5m of the edge of the roof the CGI roof cladding is to be fixed at every other corrugation.
- 4. Nails or screws to be fixed through the top of the corrugations.
- 5. A galvanised iron ridge strip is to be fixed over the roof ridge.
- 6. Purlin splices to be staggered on alternate purlins as shown.

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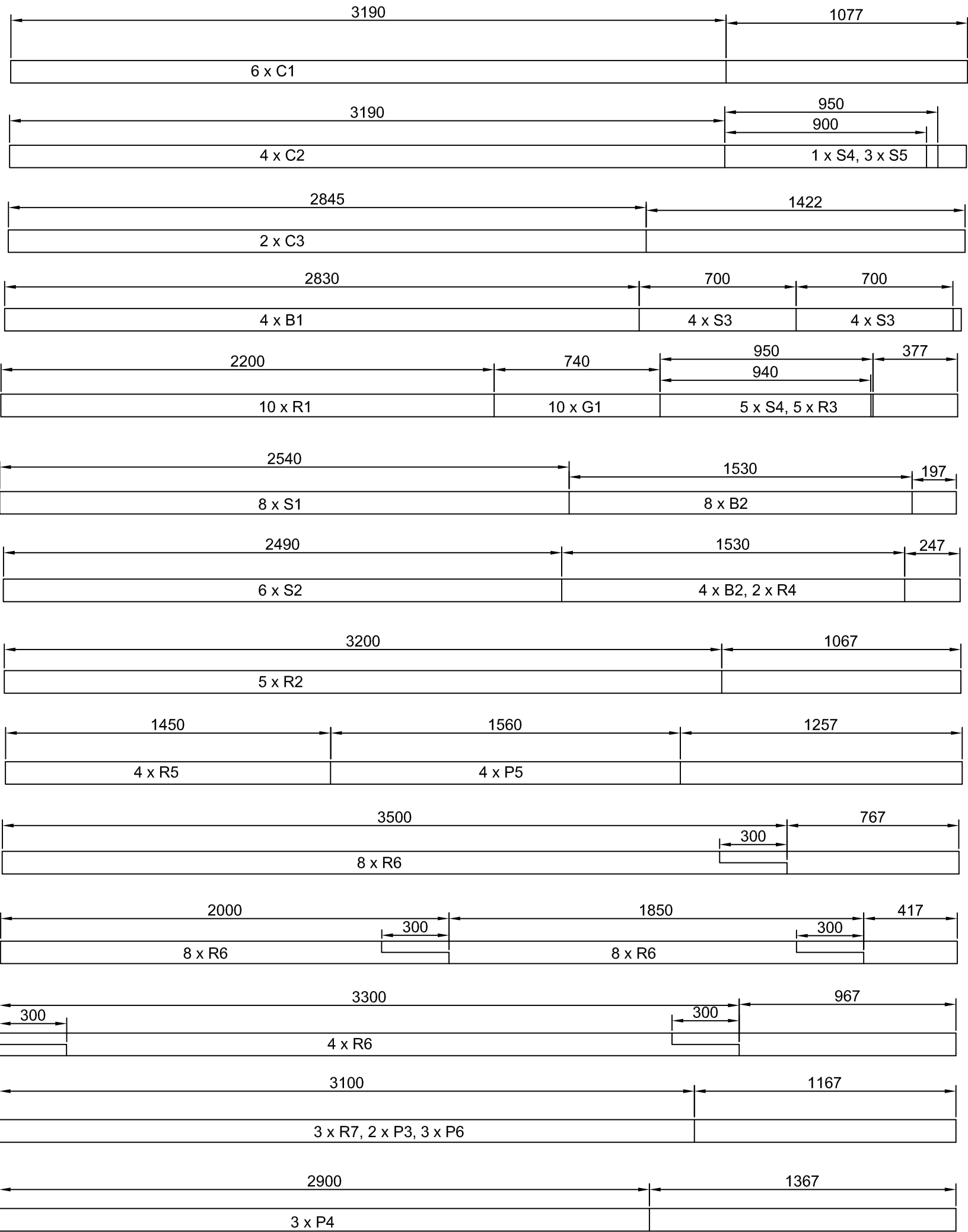
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PURLIN PLAN

TITLE.

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DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-114				REV. —



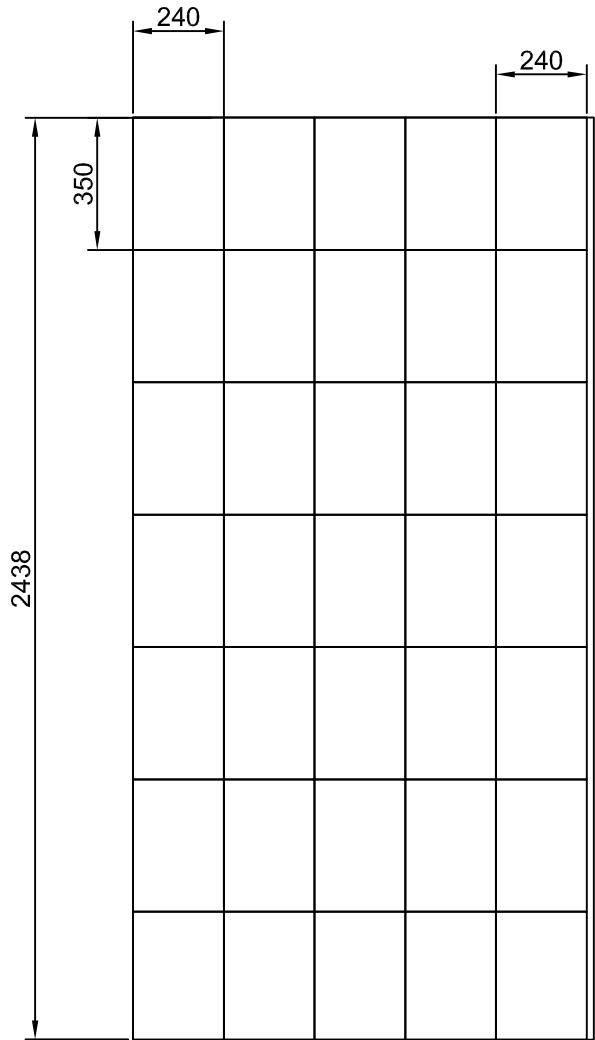
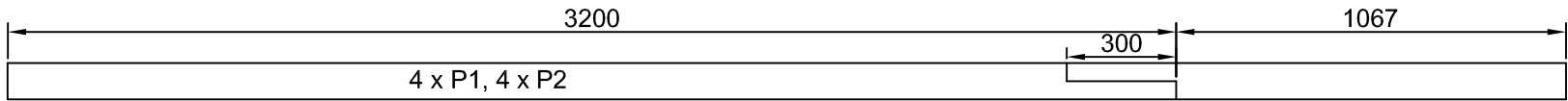
REF	ELEMENT	DIMENSIONS	NUMBER	DESCRIPTION
C1	4"x4"	3190	6	Primary column
C2	2"x4"	3190	4	Secondary column
C3	2"x4"	2845	2	Veranda column
B1	2"x4"	2830	4	Sidewall brace
B2	2"x4"	1530	12	Crosswall brace
S1	2"x4"	2540	8	Sidewall stud column
S2	2"x4"	2490	6	Crosswall stud column
S3	2"x4"	700	8	Window framing
S4	2"x4"	950	6	Crosswall framing
S5	2"x4"	900	3	Door framing
R1	2"x4"	2200	10	Rafter
R2	2"x4"	3200	5	Truss bottom chord
R3	2"x4"	940	5	Truss upright
R4	2"x4"	1530	2	Veranda rafter
R5	2"x4"	1450	4	Roof ridge beam
R6	2"x4"	6700	8	Purlin
R7	2"x4"	3100	3	Veranda purlin
G1	2"x4"	740	10	Truss top gusset
G2	1/2" plywood	250x350	10	Truss middle gusset
G3	1/2" plywood	300x350	20	Truss end gusset
P1	2"x4"	6100	2	Bottom plate, side
P2	2"x4"	6100	2	Top plate, side
P3	2"x4"	3100	2	Bottom plate, end
P4	2"x4"	2900	3	Bottom plate, end
P5	2"x4"	1560	4	Eaves plan bracing (see
top plate drawing)				
P6	2"x4"	3100	3	Top plate, crosswalls

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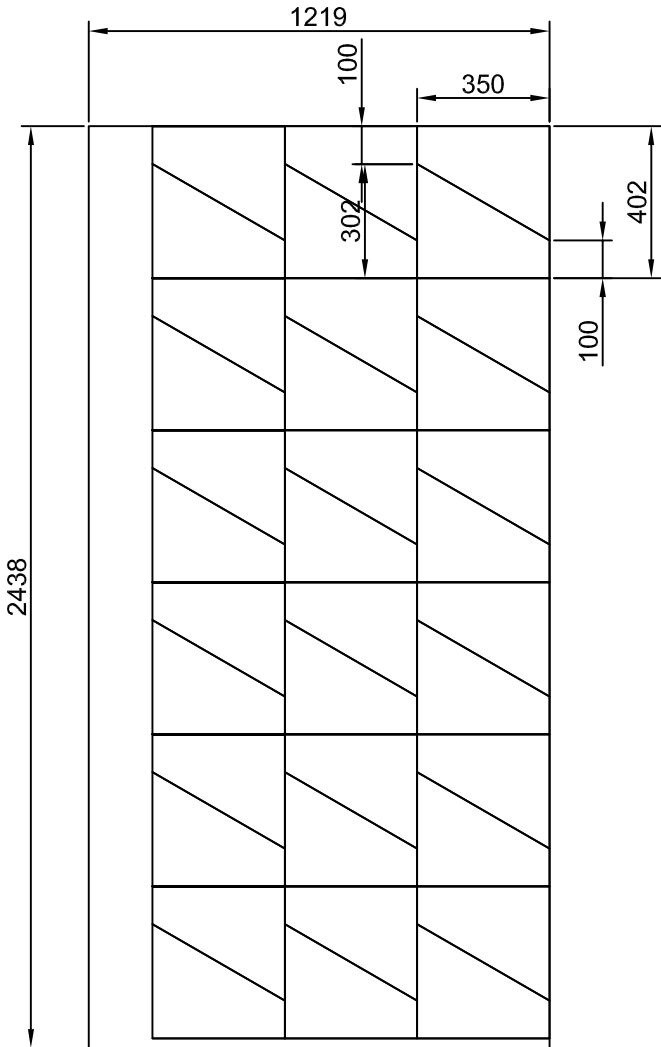
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CUTTING PLANS 1			
TITLE.			
ORIGINAL DRAWING SIZE A3			
INITIALS		DATE	SCALES 1:20
DESIGNED: TOM NEWBY		JUNE '10	
DRAWN BY: TOM NEWBY		JUNE '10	
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER TF—115			REV. —



CUTTING PLAN FOR TRUSS CENTRAL
GUSSET
35 per plywood sheet



CUTTING PLAN FOR TRUSS END
GUSSET
36 per plywood sheet

REF	ELEMENT	DIMENSIONS	NUMBER	DESCRIPTION
C1	4"x4"	3190	6	Primary column
C2	2"x4"	3190	4	Secondary column
C3	2"x4"	2845	2	Veranda column
B1	2"x4"	2830	4	Sidewall brace
B2	2"x4"	1530	12	Crosswall brace
S1	2"x4"	2540	8	Sidewall stud column
S2	2"x4"	2490	6	Crosswall stud column
S3	2"x4"	700	8	Window framing
S4	2"x4"	950	6	Crosswall framing
S5	2"x4"	900	3	Door framing
R1	2"x4"	2200	10	Rafter
R2	2"x4"	3200	5	Truss bottom chord
R3	2"x4"	940	5	Truss upright
R4	2"x4"	1530	2	Veranda rafter
R5	2"x4"	1450	4	Roof ridge beam
R6	2"x4"	6700	8	Purlin
R7	2"x4"	3100	3	Veranda purlin
G1	2"x4"	740	10	Truss top gusset
G2	1/2" plywood	250x350	10	Truss middle gusset
G3	1/2" plywood	300x350	20	Truss end gusset
P1	2"x4"	6100	2	Bottom plate, side
P2	2"x4"	6100	2	Top plate, side
P3	2"x4"	3100	2	Bottom plate, end
P4	2"x4"	2900	3	Bottom plate, end
P5	2"x4"	1560	4	Eaves plan bracing (see
top plate drawing)				
P6	2"x4"	3100	3	Top plate, crosswalls

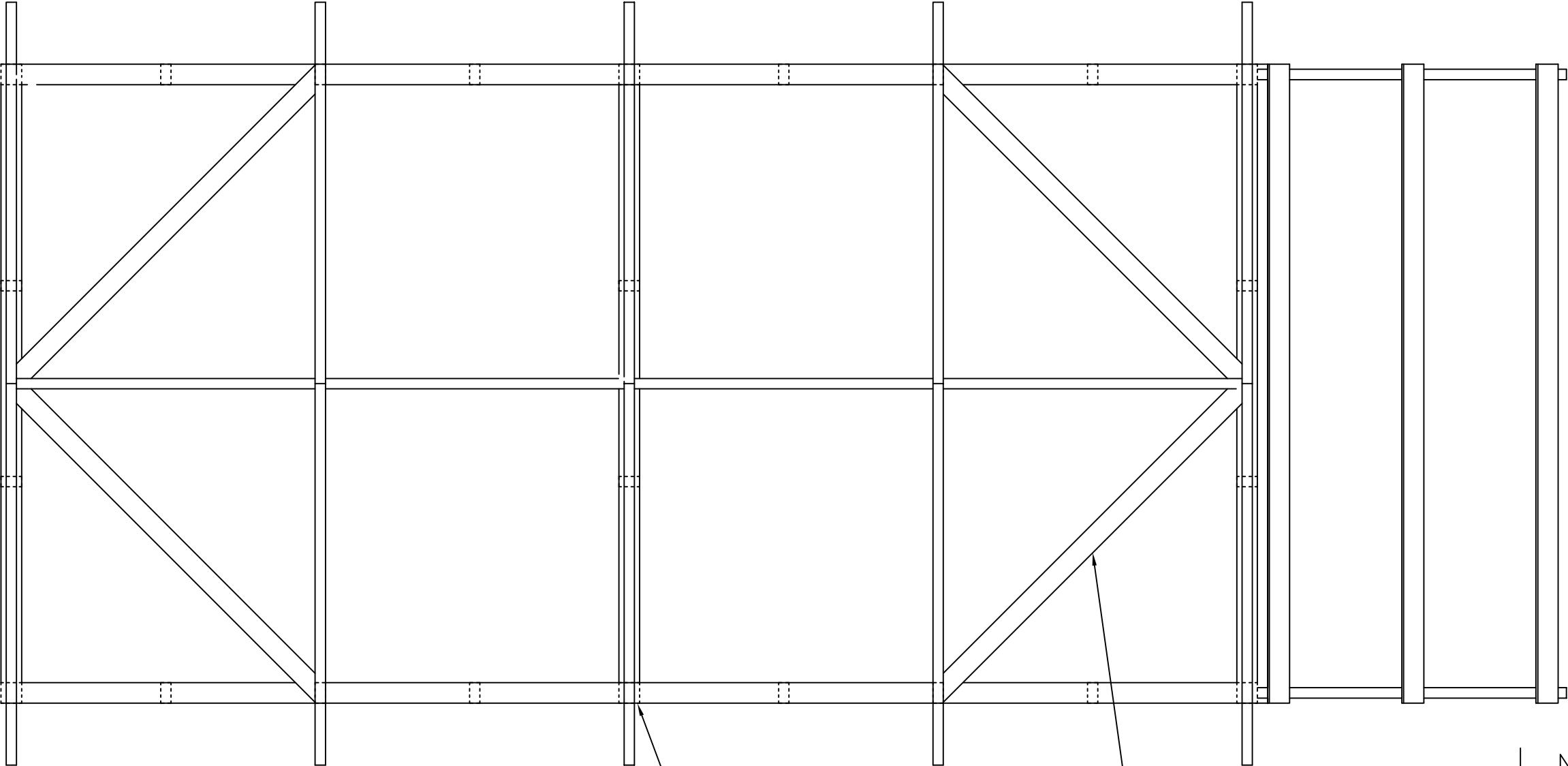
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CUTTING PLANS 2

TITLE.

ORIGINAL DRAWING SIZE A3			
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DESIGNED: TOM NEWBY	JUNE '10		
DRAWN BY: TOM NEWBY	JUNE '10		
DIMENSIONS IN MILLIMETRES			ACAD
DRAWING NUMBER TF—116		REV. —	



TRUSSES CENTRAL ON COLUMNS
AND SECURED TO COLUMNS WITH
GALVANISED IRON STRAPPING

1"x4" BRACING ELEMENTS
USED IF GALVANISED
STRAPPING CROSS-BRACES
ARE NOT AVAILABLE.
BRACES SECURELY NAILED
TO UNDERSIDE OF PURLINS.

- NOTES.
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ROOF PLAN
TITLE. ALT BRACING

ORIGINAL DRAWING SIZE A3				
INITIALS		DATE		SCALES 1:50
DESIGNED: TOM NEWBY		JUNE '10		
DRAWN BY: TOM NEWBY		JUNE '10		
DIMENSIONS IN MILLIMETRES				ACAD
DRAWING NUMBER TF-117				REV. —