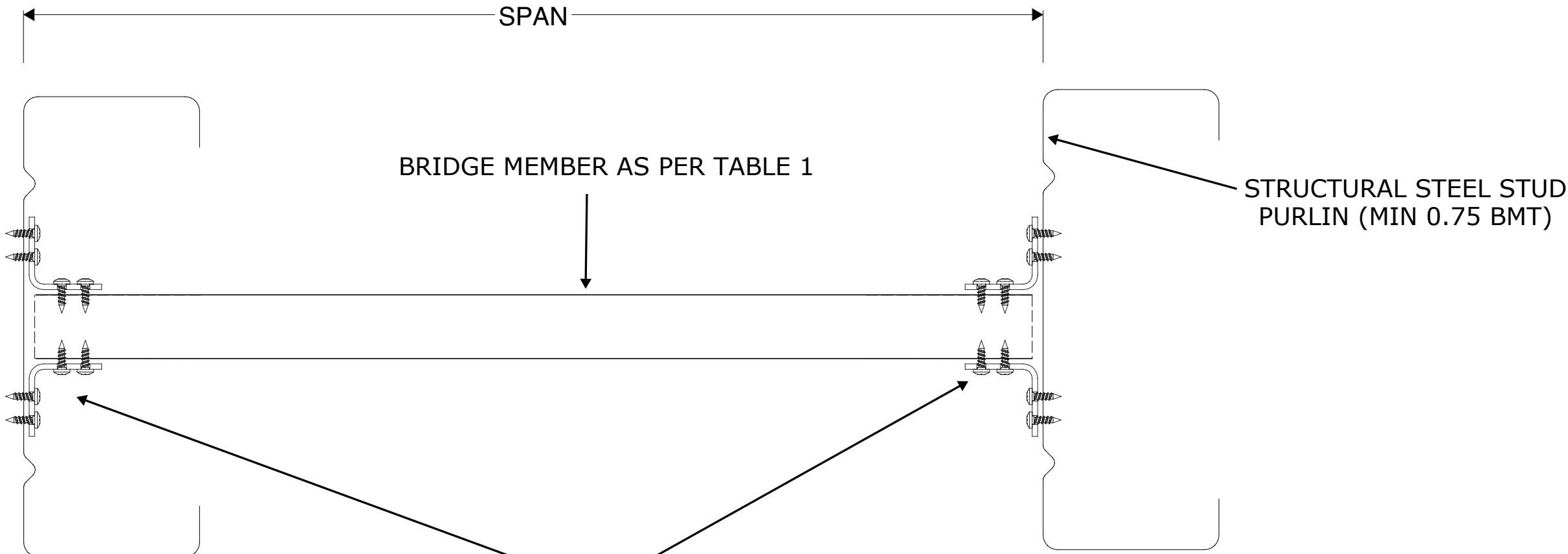
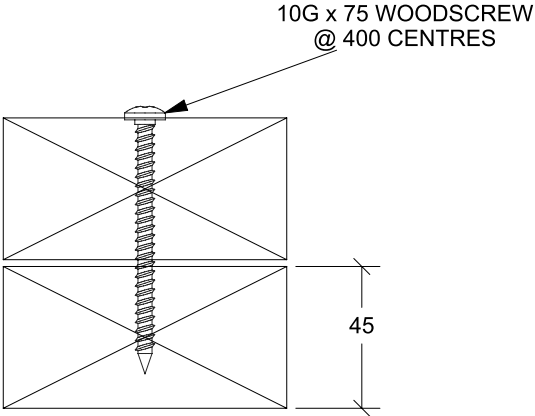


STRUCTURAL ENGINEER TO BE CONSULTED TO CONFIRM THE PURLINS ARE OKAY TO TAKE THE LOADS ON THE BRIDGING MEMBER.



- FIX BRIDGE MEMBER TO BRACKET AND PURLIN WITH 4x 10G WAFER TEK SCREWS (MIN 30mm EMBEDMENT FOR TIMBER)
- 75x1.15 EA BRACKET OR PROPRIETARY TRACKLOK BRACKET (BRIDGING CONNECTOR 90: BC-90)



TIMBER DETAIL

TABLE 1:

- BOXED 92mm 0.75BMT(min) GENERIC STEEL STUDS  
MAXIMUM PERMISSIBLE SPAN OF 700mm
- BOXED 150mm 0.75BMT(min) GENERIC STEEL STUDS  
MAXIMUM PERMISSIBLE SPAN OF 1200mm
- 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 650mm
- 2x 70 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1200mm
- 2x 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1800mm
- 3x 145 x 35 SG8 RADIATA PINE OR DOUGLAS FUR  
TIMBER MAXIMUM PERMISSIBLE SPAN OF 2400mm

NOTES:

DESIGNER:

**Brevity**

Victoria Park Market,  
Unit 72B,  
210 Victoria Street West  
Auckland 1010

+64 9 216 7104  
[www.teambrevity.com](http://www.teambrevity.com)

Tolerances (unless specified)	1-100	<1000	>1000
	± 2	± 10	± 70

All dim.  
in mm

Rev	Description
C	FOR CONSENT

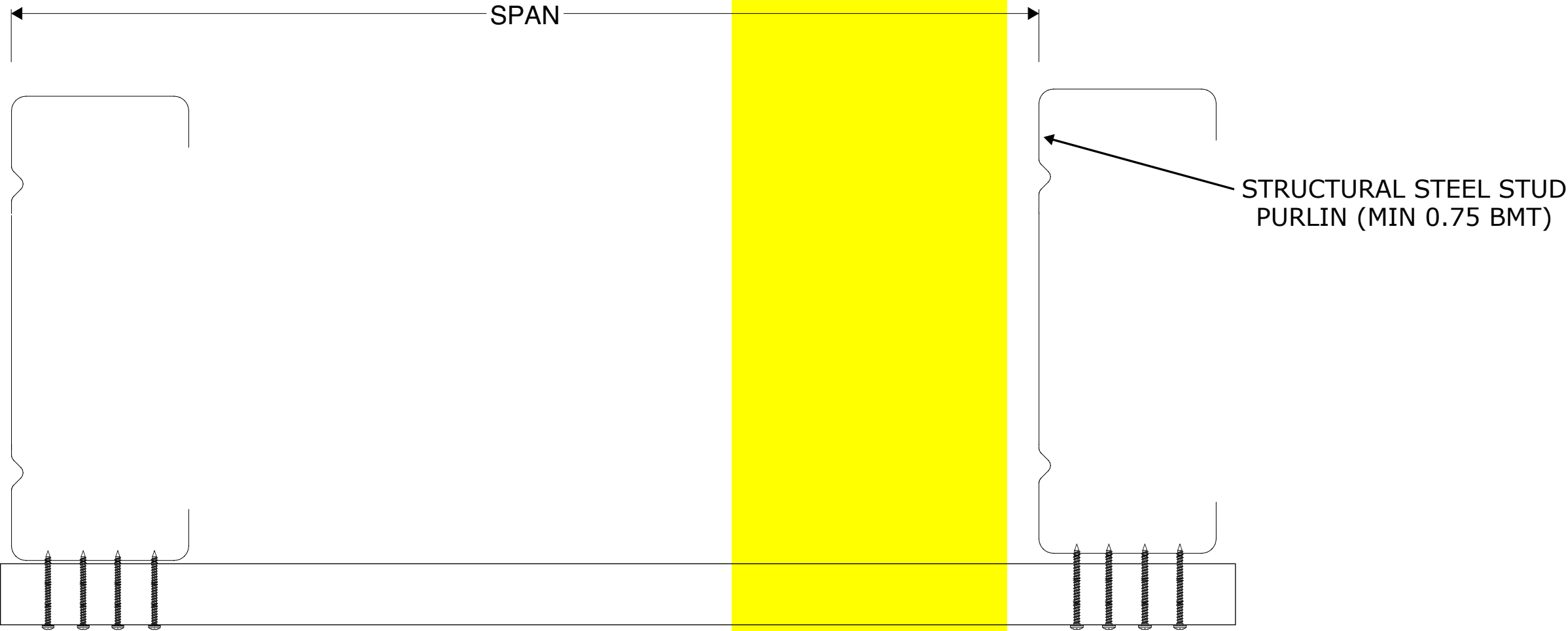
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Drawn	BREVITY LTD	16/01/23
Approved	BREVITY LTD	16/01/23

SEISMIC BRACE  
PURLIN BRIDGING DETAIL  
OPTION 1

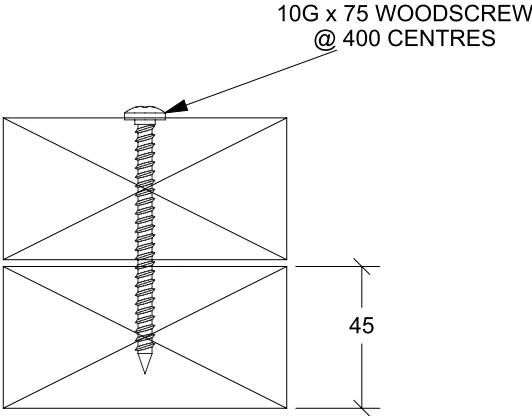
Scale Do not Scale

DRG No. 050-14A

STRUCTURAL ENGINEER TO BE CONSULTED TO CONFIRM THE PURLINS ARE OKAY TO TAKE THE LOADS ON THE BRIDGING MEMBER.



- FIX BRIDGING MEMBER TO PURLIN WITH 4 x 10G TEK SCREWS



TIMBER DETAIL

TABLE 1:

- BOXED 92mm 0.75BMT(min) GENERIC STEEL STUDS  
MAXIMUM PERMISSIBLE SPAN OF 700mm
- BOXED 150mm 0.75BMT(min) GENERIC STEEL STUDS  
MAXIMUM PERMISSIBLE SPAN OF 1200mm
- 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 650mm
- 2x 70 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1200mm
- 2x 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1800mm
- 3x 145 x 35 SG8 RADIATA PINE OR DOUGLAS FUR  
TIMBER MAXIMUM PERMISSIBLE SPAN OF 2400mm

NOTES:

DESIGNER:

Brevity

Victoria Park Market,  
Unit 72B,  
210 Victoria Street West  
Auckland 1010  
  
+64 9 216 7104  
[www.teambrevity.com](http://www.teambrevity.com)

Tolerances (unless specified)	1-100	<1000	>1000
	± 2	± 10	± 70

All dim.  
in mm

Rev	Description	
C	FOR CONSENT	

Designed	BREVITY LTD	16/01/23
Drawn	BREVITY LTD	16/01/23
Approved	BREVITY LTD	16/01/23

SEISMIC BRACE  
PURLIN BRIDGING DETAIL  
OPTION 2

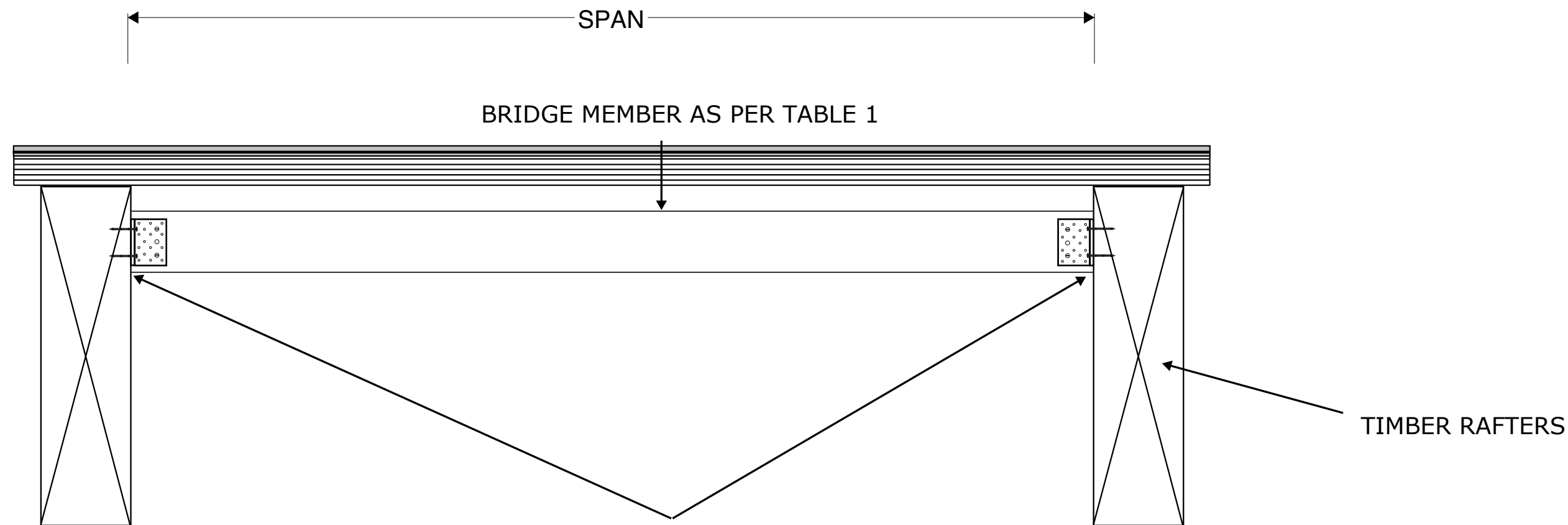
Scale

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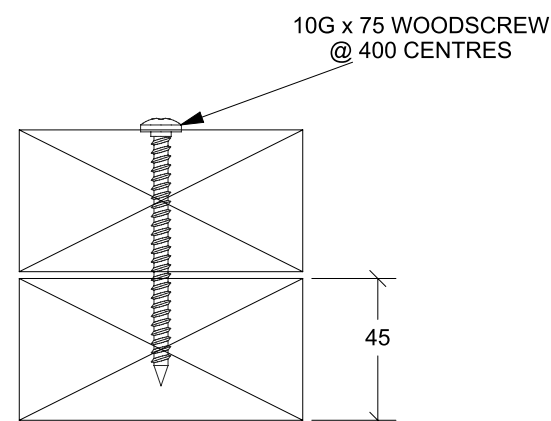
DRG No.

050-14A

STRUCTURAL ENGINEER TO BE CONSULTED TO CONFIRM THE TIMBER  
RAFTERS ARE OKAY TO TAKE THE LOADS ON THE BRIDGING MEMBER.



- FIX BRIDGE MEMBER TO APPROPRIATE LUMBERLOK TIMBER  
CONNECTOR AND PURLIN WITH 4x 12G X 35mm WOOD SCREWS  
(MIN 30mm EMBEDMENT FOR TIMBER)



TIMBER DETAIL

TABLE 1:

- 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 650mm
- 2x 70 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1200mm
- 2x 90 x 45 SG8 RADIATA PINE OR DOUGLAS FUR TIMBER  
MAXIMUM PERMISSIBLE SPAN OF 1800mm
- 3x 145 x 35 SG8 RADIATA PINE OR DOUGLAS FUR  
TIMBER MAXIMUM PERMISSIBLE SPAN OF 2400mm

NOTES:

DESIGNER:

Brevity

Victoria Park Market,  
Unit 72B,  
210 Victoria Street West  
Auckland 1010  
  
+64 9 216 7104  
[www.teambrevity.com](http://www.teambrevity.com)

Tolerances (unless specified)	1-100	<1000	>1000
	± 2	± 10	± 70

All dim.  
in mm

Rev	Description	
C	FOR CONSENT	

Designed	BREVITY LTD	16/01/23
Drawn	BREVITY LTD	16/01/23
Approved	BREVITY LTD	16/01/23

SEISMIC BRACE  
TIMBER RAFTER BRIDGING  
DETAIL

Scale

Do not Scale

DRG No.

050-14A