

**LOCATION PLAN**  
SCALE 1:30000



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**Stephen Macknight Ltd**  
 BE (Hons), MIPENZ, CPENG  
 Engineering & Design Consultant

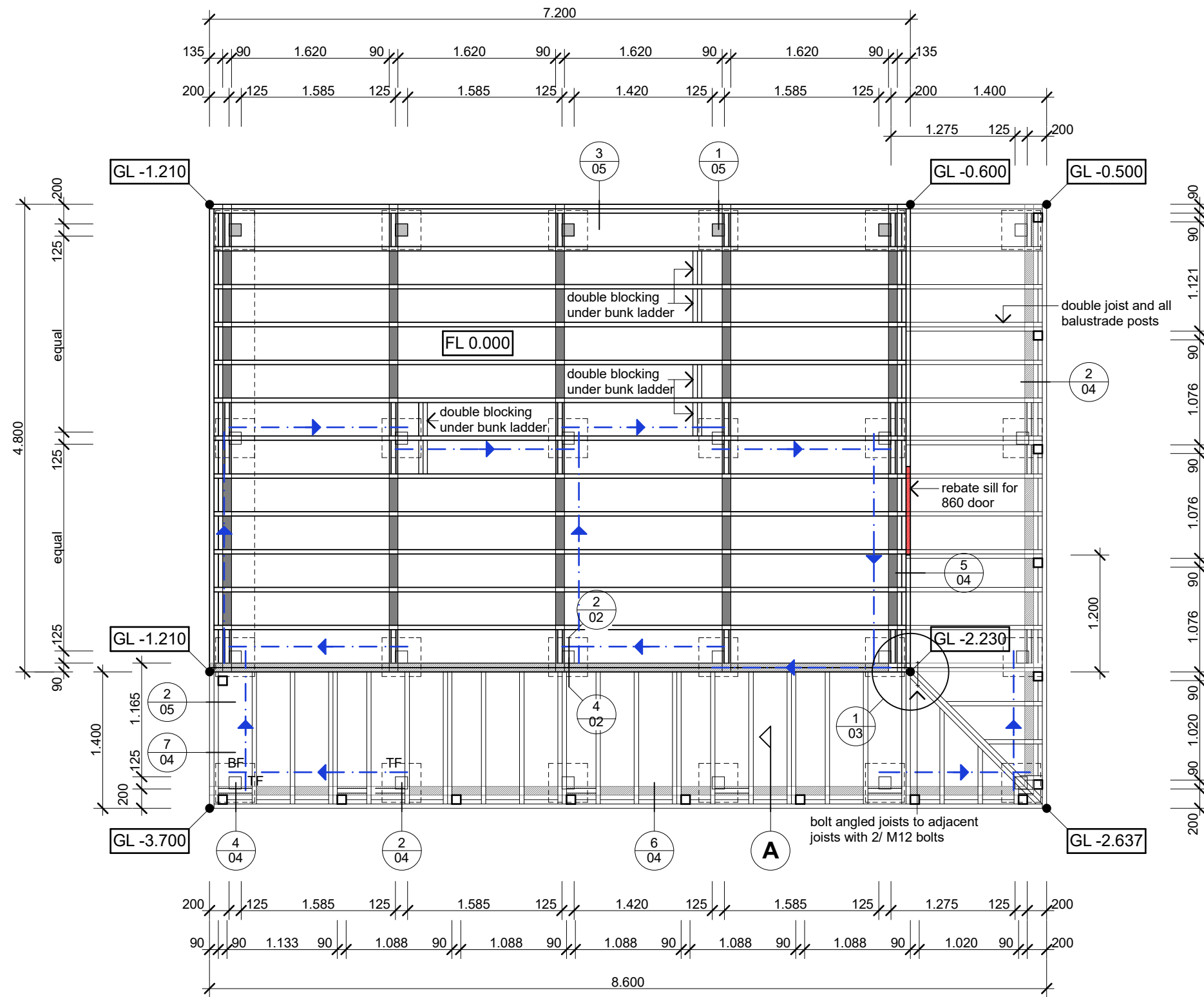


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**SUBFLOOR DESIGN  
 LEANING LODGE**  
 7217 HYDE-MIDDLEMARCH ROAD

SCALE: 60000, 1:30000 @ A3  
 DATE FEBRUARY 2020  
 JOB NUMBER CN19-1877  
 PRINT DATE 6/03/2020

CONSENT ISSUE  
 DO NOT SCALE OFF DRAWINGS. DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION



**SUBFLOOR LEGEND**

- 125 x 125 H5 SG8 piles in 400 x 400 x 450mm deep footings
- 125 x 125 H5 SG8 anchor pile 400 x 400 x 900mm deep footings
- 2/ 190 x 45 H4 SG8 timber bearer
- 140 x 45 H3.2 SG8 timber joists @ 400crs
- 100 x 75 H3.2 SG8 brace (arrow indicates fixing top to bottom)

**DECK LEGEND**

- 2/ 190 x 45 H3.2 SG8 (wet in service) stringer / bearer
- 140 x 45 H3.2 SG8 (wet in service) timber joists @ 400crs
- 90 x 90 H3.2 SG8 (wet in service) balustrade posts

**DESIGN LOADS**

Wind Load	65m/s
Snow Load	2.9kPa
Live Load	Floor 1.5 kPa
	Deck 2.0 kPa

**TIE DOWNS**

Refer to the Hut drawings for the tie downs for the structure above

**SUB FLOOR FRAMING PLAN**

SCALE 1:50

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**msd** ARCHITECTURE

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**AD NZ**  
 Licensed Building Practitioner  
 Building Confidence

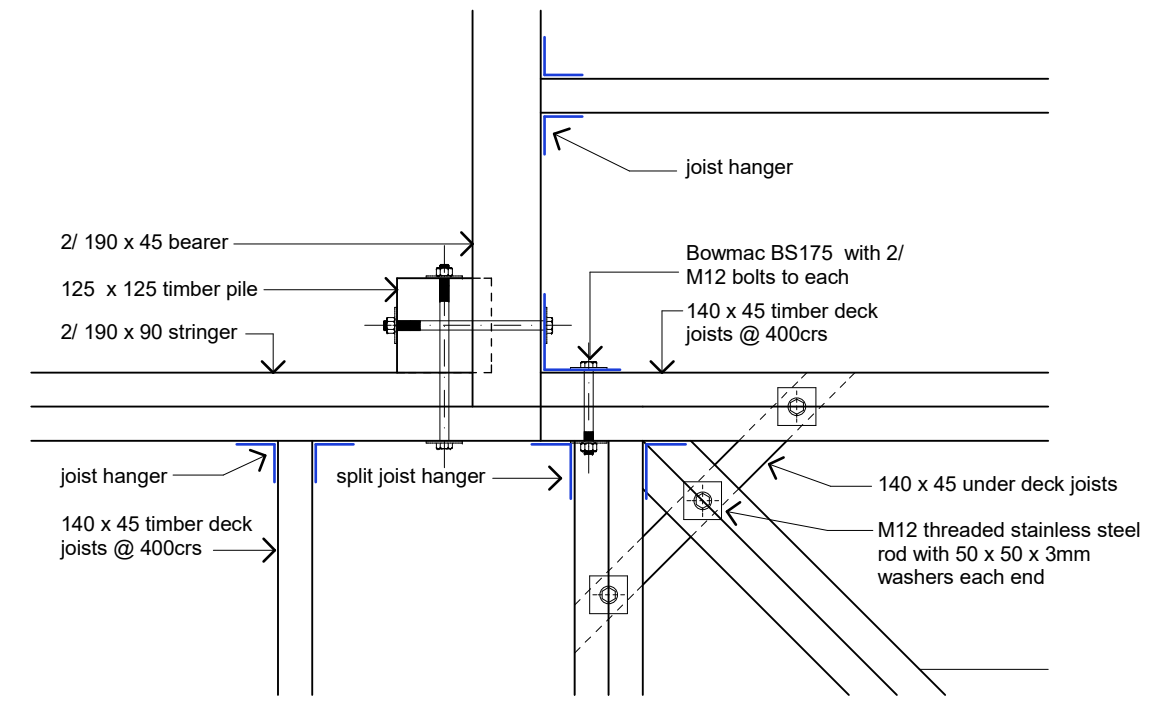
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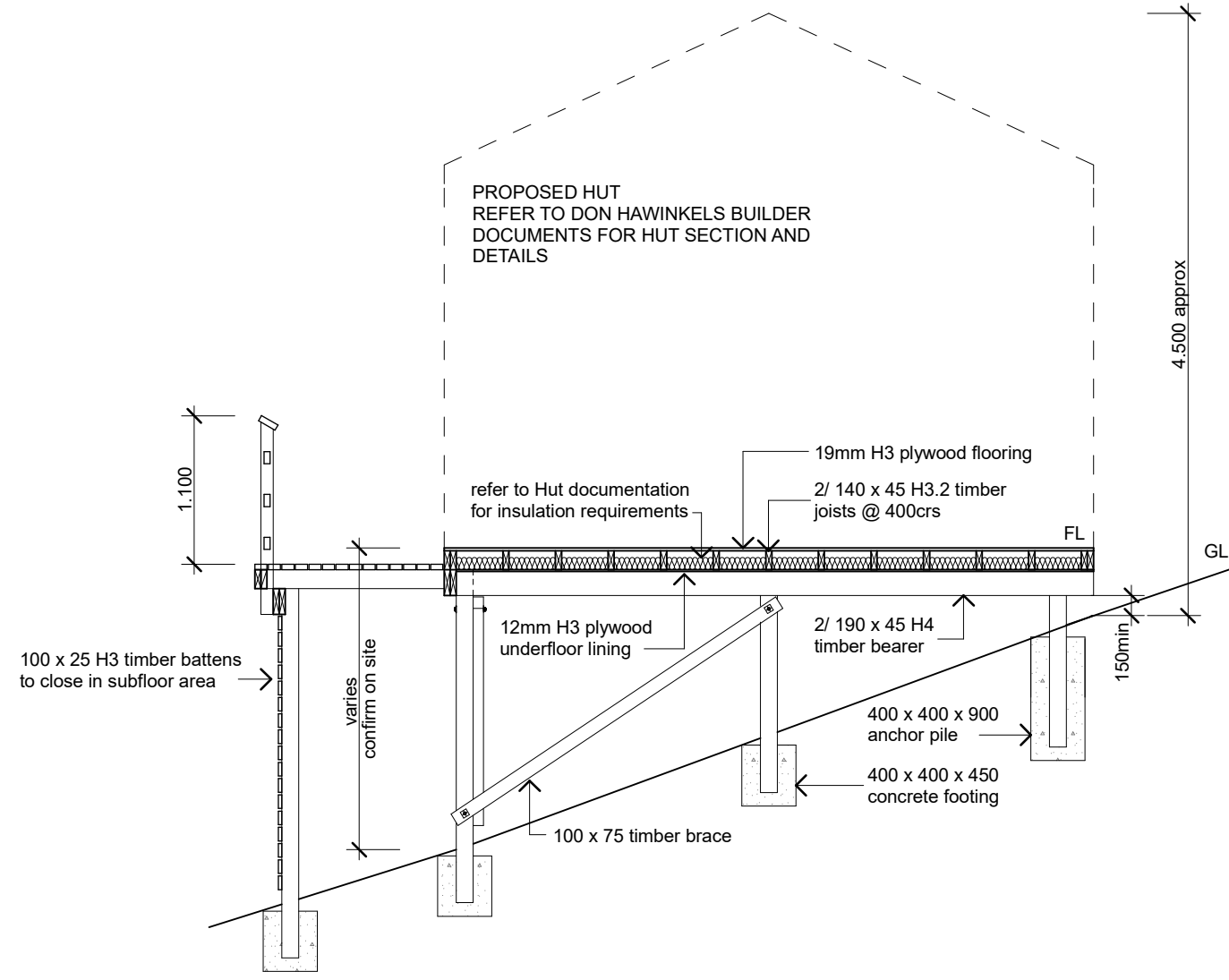
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 7217 HYDE-MIDDLEMARCH ROAD

SCALE 1:50 @ A3  
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**JOIST / BEARER CONNECTION**  
SCALE 1:10

1  
03



**SECTION A**  
SCALE 1:50

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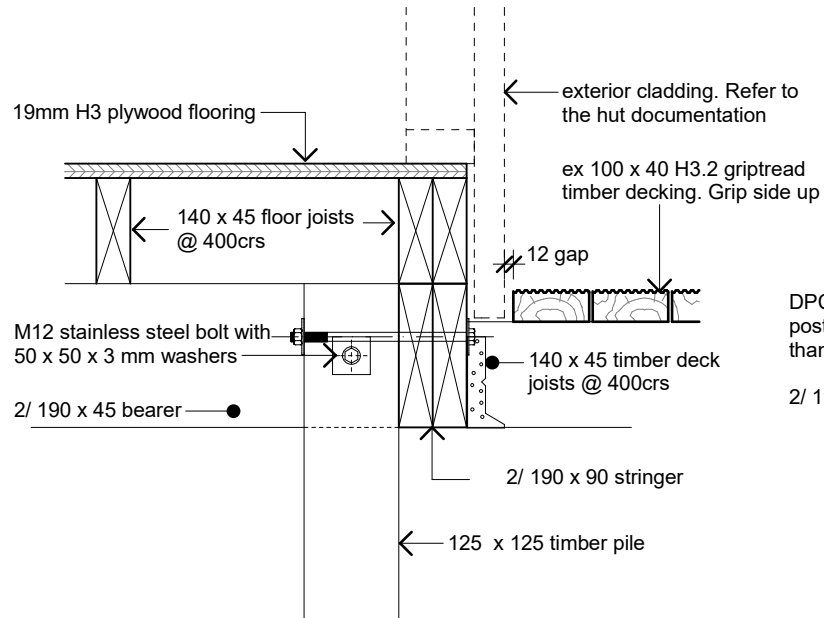


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LEANING LODGE**  
7217 HYDE-MIDDLEMARCH ROAD

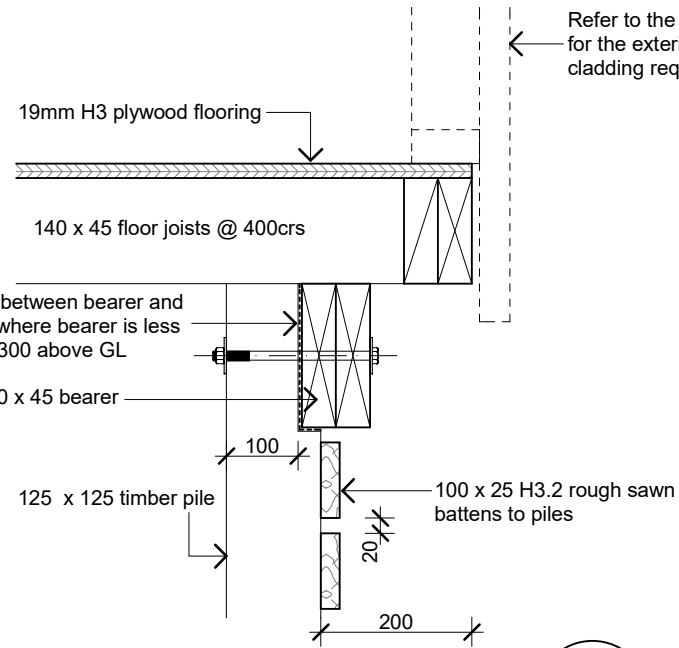
SCALE 1:50, 1:10 @ A3  
DATE FEBRUARY 2020  
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03



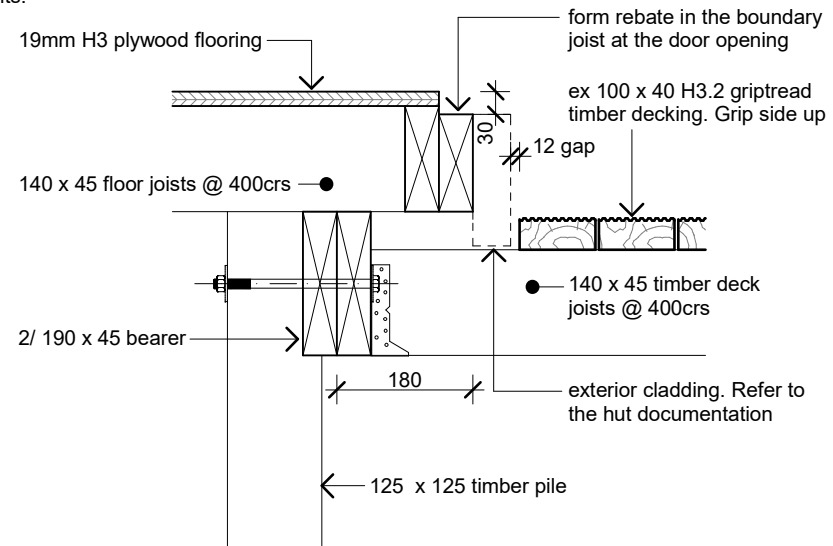
**FLOOR / DECK JUNCTION DETAIL**  
SCALE 1:10

1  
04



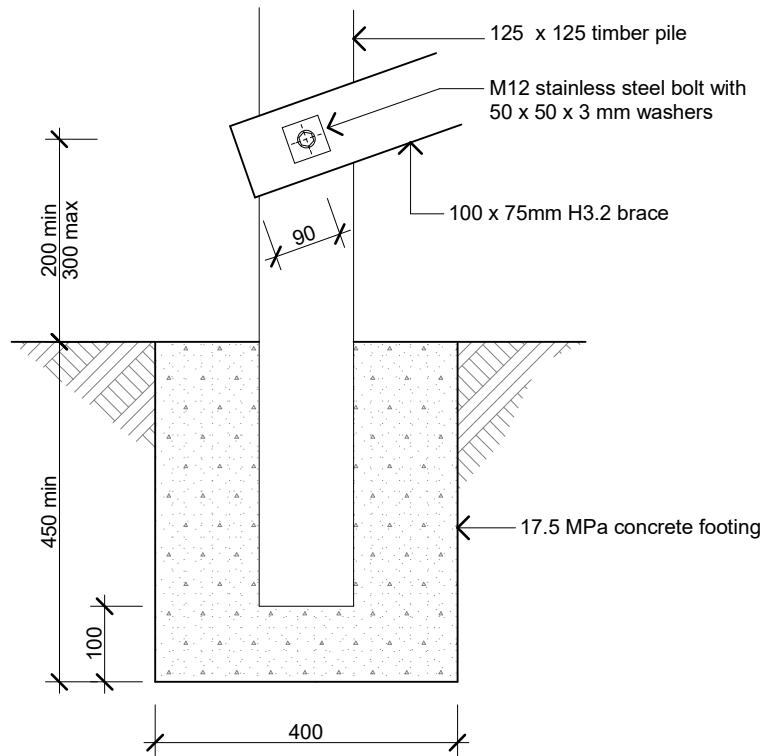
**SUB FLOOR DETAIL**  
SCALE 1:10

3  
04



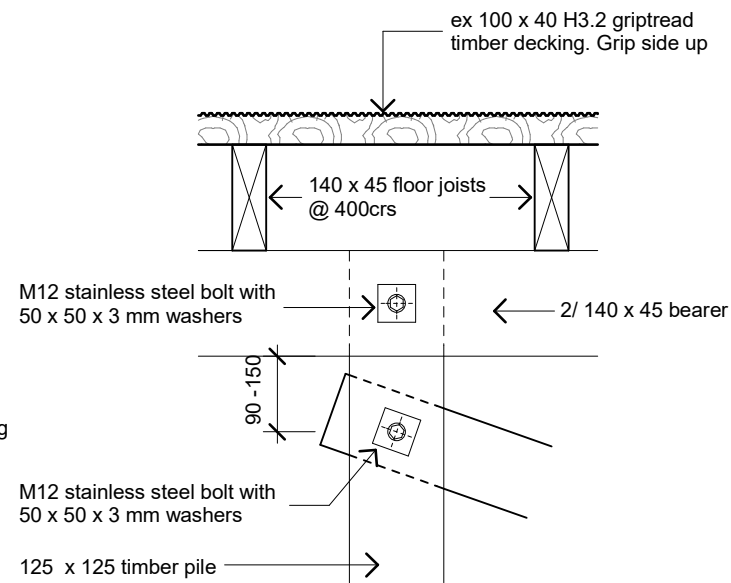
**DOOR SILL DETAIL**  
SCALE 1:10

5  
04



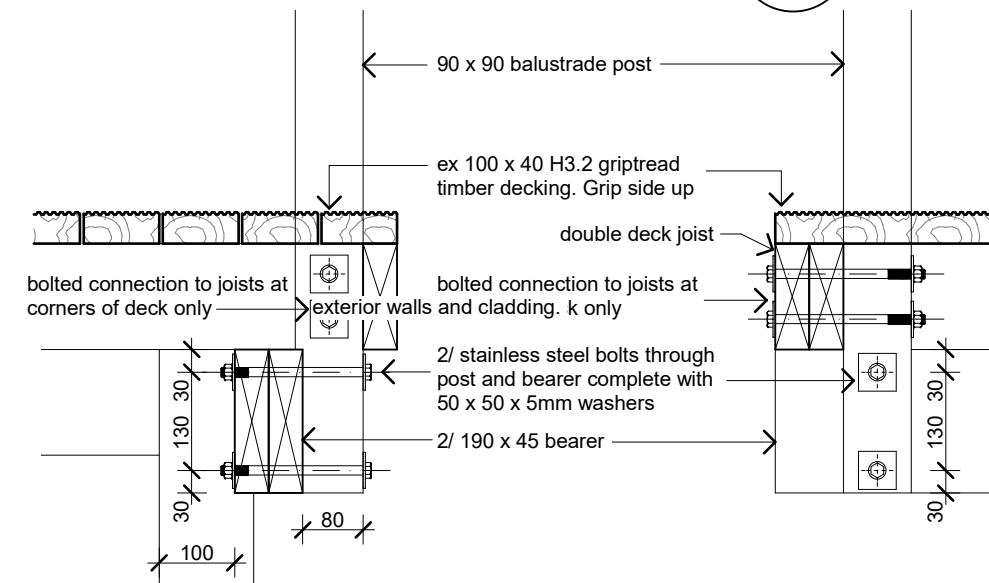
**BRACE PILE DETAIL**  
SCALE 1:10

2  
04



**BRACE PILE DETAIL**  
SCALE 1:10

4  
04



**TYPICAL BALUSTRADE FIXING DETAIL**  
SCALE 1:10

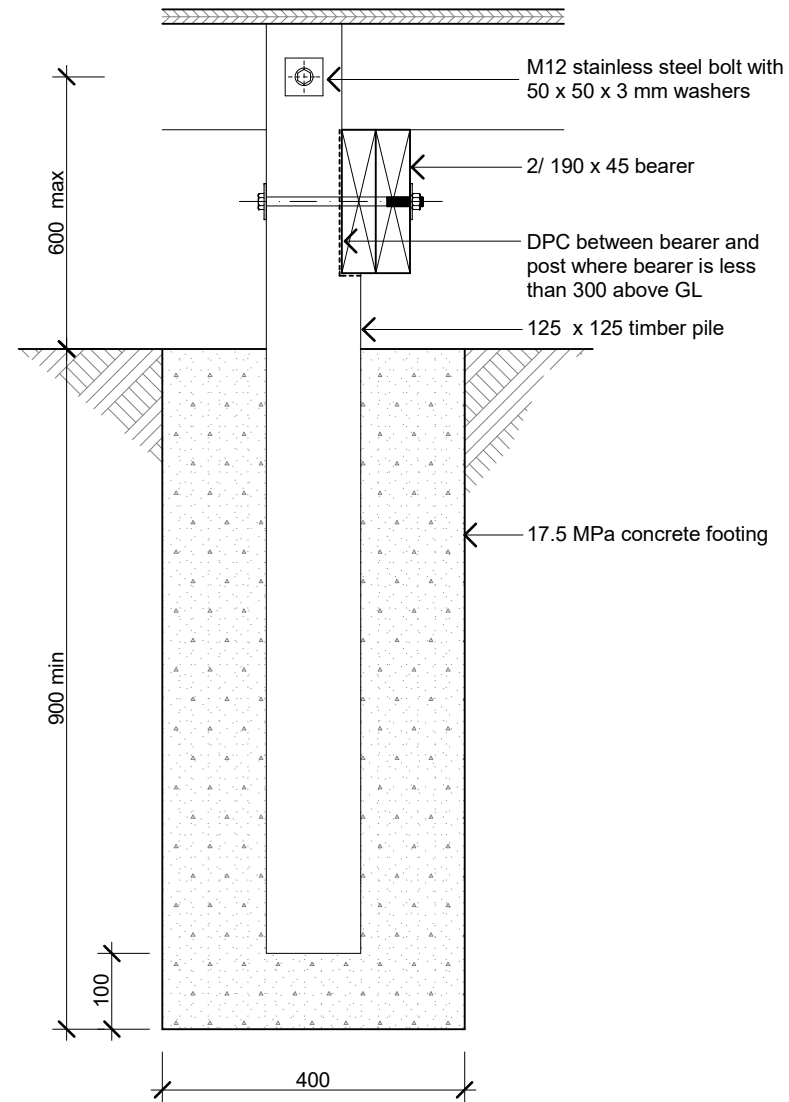
6  
04

**BALUSTRADE CORNER POST FIXING DETAIL**  
SCALE 1:10

7  
04

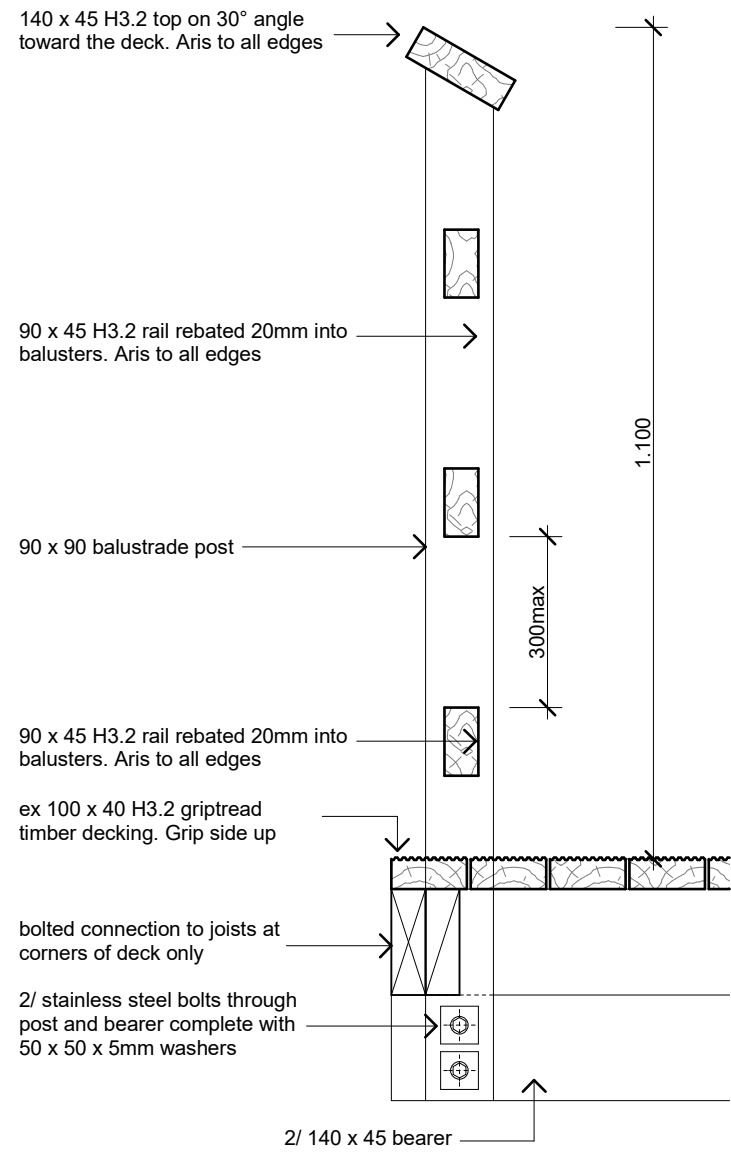
NOTE - ALL JOISTS TO BE FIXED TO BEARERS WITH 2/ 100 X 3.75mm SKEWED NAILS





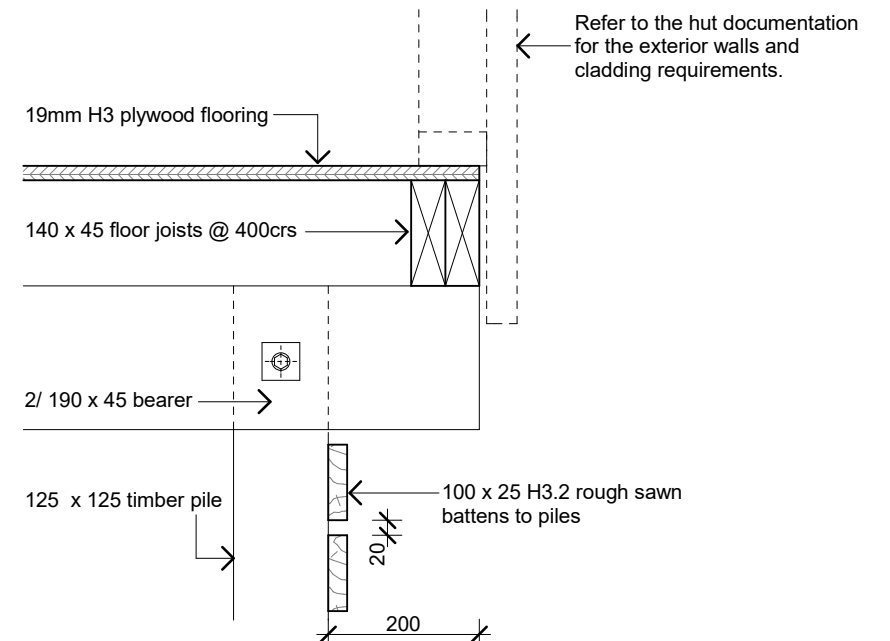
**ANCHOR PILE DETAIL**  
SCALE 1:10

1  
05



**BALUSTRADE DETAIL**  
SCALE 1:10

2  
05



**SUB FLOOR DETAIL**  
SCALE 1:10

3  
05

