



Good Practice Guide to Hut Building

Prepared by Reforesting Scotland's Campaign for a Thousand Huts

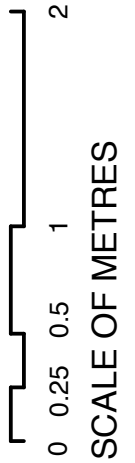
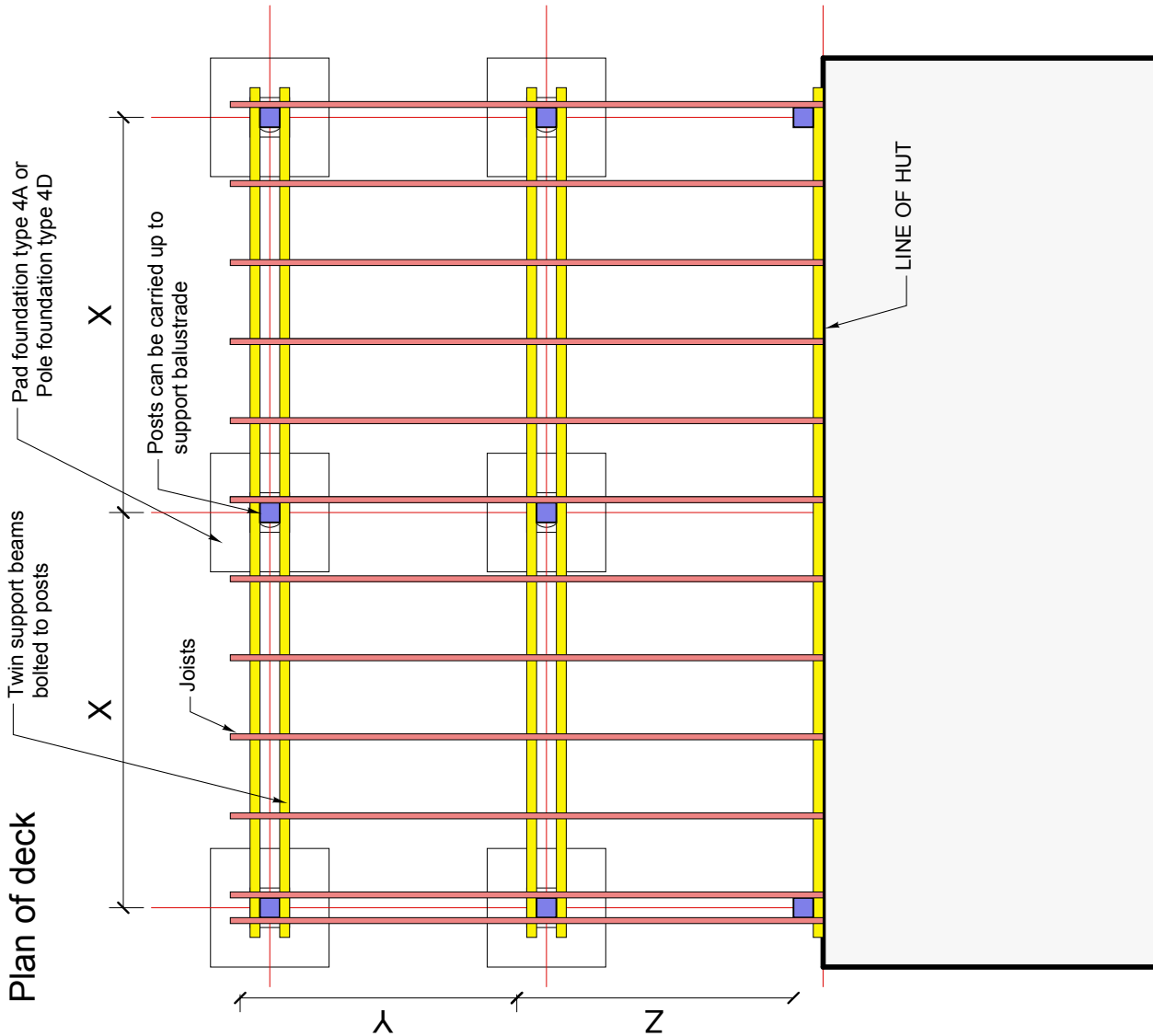
(5th Draft)

APPENDIX 3 : Decks

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Drawing L31 DECK - Plan - Appendix 3



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TABLE 31

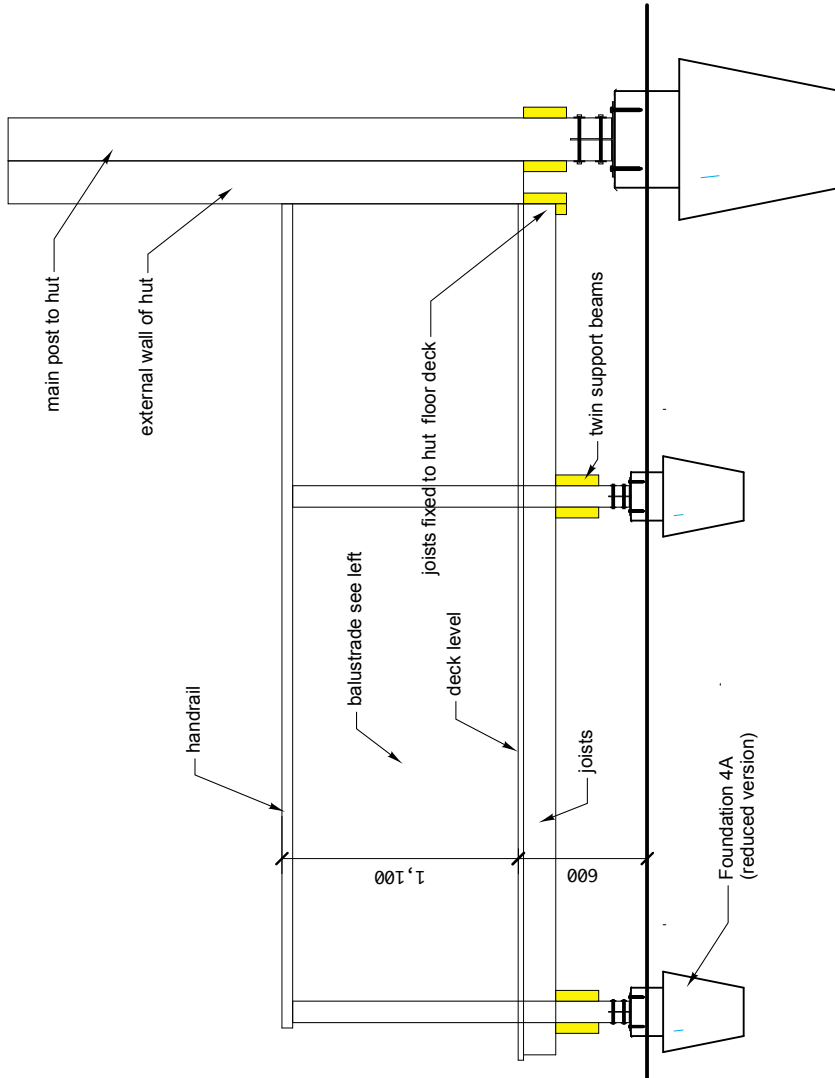
JOIST & BEAM SIZES

| JOISTS | | | BEAMS | | | |
|----------------|-----------------|-----------------|-----------------|--|--------|------|
| Width of Joist | Height of Joist | Span at 600 ccs | Span at 400 ccs | Width | Height | Span |
| 38 | 72 | 0.7 | 1.0 | 47 | 120 | 2.4 |
| 38 | 97 | 12.2 | 1.6 | 47 | 145 | 2.6 |
| 38 | 120 | 1.7 | 2.2 | 47 | 170 | 3.0 |
| 38 | 145 | 2.3 | 2.7 | 47 | 195 | 3.4 |
| 38 | 170 | 2.6 | 3.1 | 47 | 220 | 3.8 |
| 38 | 195 | 2.9 | 3.5 | 63 | 120 | 2.7 |
| 47 | 72 | 0.8 | 1.2 | 63 | 145 | 3.0 |
| 47 | 97 | 1.4 | 1.8 | 63 | 170 | 3.3 |
| 47 | 120 | 2.1 | 2.4 | 63 | 195 | 3.7 |
| 47 | 145 | 2.5 | 2.9 | 63 | 220 | 4.2 |
| 47 | 170 | 2.9 | 3.3 | NOTES Timber to be C16 Bolts to be M12 galv. | | |
| 47 | 195 | 3.3 | 3.8 | | | |

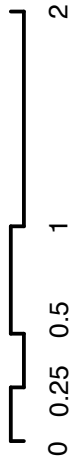
Dimension X span of joist support beams max. 3.6
 Dimension Y span of deck joists max. 2.4m
 Dimension Z span from beam to hut max. 1.8m

Drawing L32 DECK - Section & Balustrade - Appendix 3

Section of deck

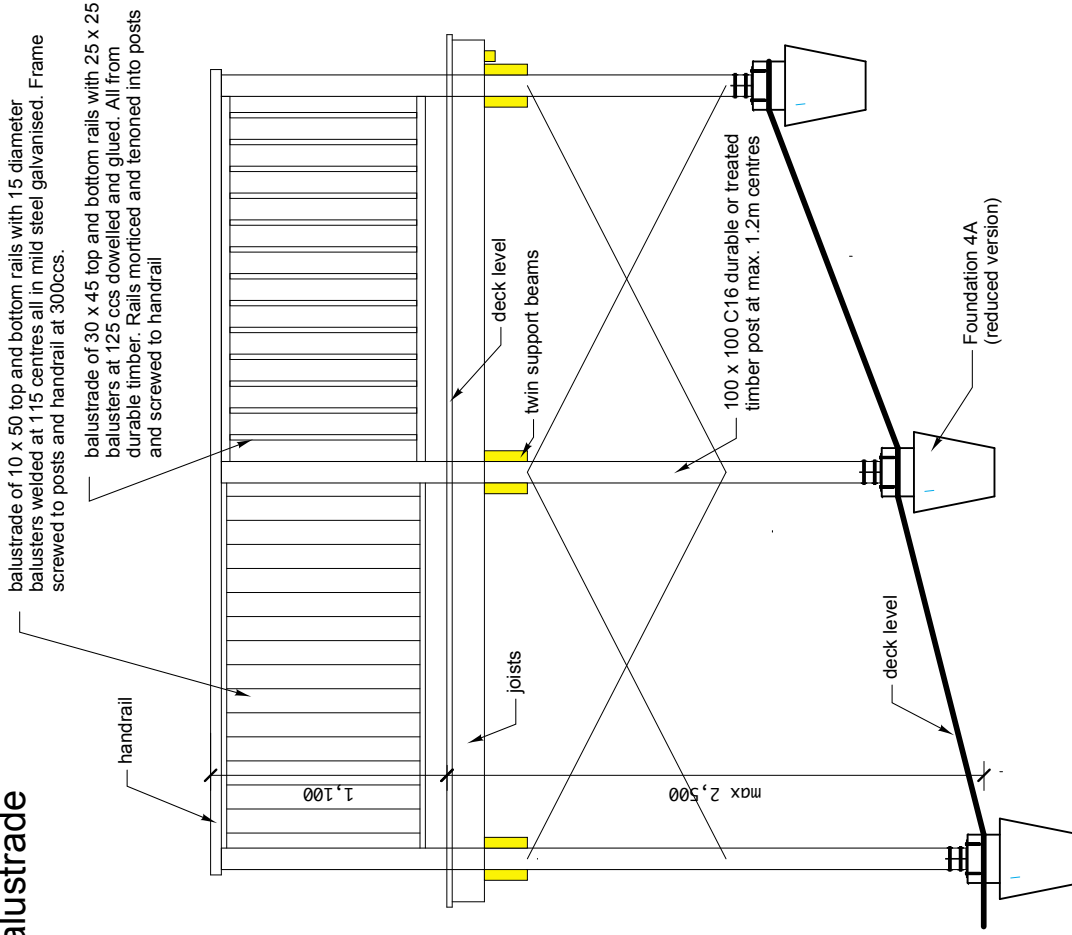


Good practice is to set the deck at hut floor level but it could also be arranged lower than this.
Deck level should at no point be at more than 600mm above finished ground level unless a balustrade is installed



SCALE OF METRES

Balustrade



Other infill designs possible see text.
Posts should be one piece from foundations and bolted to support beams with 12mm dia. ms bolts with plate washers.
All bays taller than 1000 above ground level need to be cross braced as shown.
Building Warrant required for decks over 1.2metres high

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