

TE HAUNCH BEAMS
ALL CROSS-TIE AND
FOR LONGITUDINALS

GRANULAR BASE
150mm THICK

ROCK FILL
400mm THICK

250mm THICK REINFORCED
CONCRETE DECK

15M AT 200, T&B

20M AT 200, T&B

ISOLATION JOINT
SEE DETAIL 3

2 ADDITIONAL 200x200 TIMBER
CROSS-TIES x 3050 LONG

1 ADDITIONAL 200x200 TIMBER FILLER

250mm THICK REINFORCED
CONCRETE DECK

20M AT 200, T&B

15M AT 200, T&B

25mm CHAMFER ON TOP EDGES

2-15M BARS, CONTINUOUS

TOP OF GUARD EL.+4.65m

TOP OF DECK EL.+4.40m

TOP OF CRIBWORK EL.+4.10m±

DECK DRAIN, SEE DETAIL 11

15M BENT BARS AT 300

200x200 TIMBER FILLERS
SEE DETAIL 6

FULLY BALLASTED TIMBER
CRIBWORK, SEE SHT.5
AND DETAILS 4, 5, 6

200x200 TIMBER FENDER
SEE DETAIL 8

2% SLOPE

2% SLOPE

EL.+4.58m

EL.+4.46m

250

250

6100

9050

2950

STRUCTURAL SLAB

19mm TREATED
PLYWOOD

FILTER FABRIC

CORE STONE

SALVAGED
DREDGE/EXCAVATION
MATERIALS

F 4 5

F 4 5

12200

3050 3050 3050 3050

100 100

100

200x200 TIMBER LONGITUDINALS (UPPER SEVEN COURSES ONLY)

200x200 TIMBER CROSS-TIES (UPPER SEVEN COURSES ONLY)

9150

6100

3050

200x200 TIMBER LONGITUDINALS

150x150 BALLAST FLOOR TIMBERS

200x200 TIMBER BINDER POSTS

200x200 TIMBER CROSS-TIES

200x200 TIMBER LONGITUDINALS (UPPER TWO COURSES ONLY)

SERVICE AREA

200x200 TIMBER
SPLICE BLOCKS
SEE DETAIL 5
4 | 5

COURSE
COURSE
COURSE
COURSE
COURSE
COURSE

200x200 TIMBER LONGITUDINALS
150x150 BALLAST FLOOR TIMBERS
200x200 TIMBER BINDER POSTS
200x200 TIMBER CROSS-TIES

Dimensions:
Total width: 15250
Panel widths: 3050 x 5
Height: 6100
Clear height: 3050
Offsets: 100

HARBOUR FACE

200x200 TIMBER FILLER (LENGTHS TO SUIT), SEE DETAIL (6/4)5

250mm DIA. TIMBER BINDER POST, SEE DETAIL (4/4)5

200x200 TIMBER CROSS-TIES SEE DETAIL (4/4)5

200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4)5

150x150 BALLAST FLOOR TIMBERS SEE DETAIL (7/4)5

COURSE 10
COURSE 9
COURSE 8
COURSE 7
COURSE 6
COURSE 5
COURSE 4
COURSE 3
COURSE 2
COURSE 1

17
16
15
14
13
12
11

9150
6100
3050
3050
100
100

17
13
8
16
14
16
6

(COURSES 13 & 16
(COURSES 12 & 15
(COURSES 11, 14 & 17

The elevation view shows the bridge deck structure with 17 courses. The total width is 12200 mm, divided into four 3050 mm sections. The deck is supported by 100 mm wide abutments on either side. The courses are labeled 1 to 17 from bottom to top. The components and their details are as follows:

- COURSE 17:** 200x200 TIMBER FILLER (LENGTH TO SUIT). SEE DETAIL (6/4/5)
- COURSE 16:** 200x200x1220 TIMBER SPLICE BLOCK. SEE DETAIL (5/4/5)
- COURSE 15:** 250mm DIA. TIMBER BINDER POST. SEE DETAIL (4/4/5)
- COURSE 14:** 200x200 TIMBER CROSS-TIES SEE DETAIL (4/4/5)
- COURSE 13:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 12:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 11:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 10:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 9:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 8:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 7:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 6:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 5:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 4:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 3:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 2:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)
- COURSE 1:** 200x200 TIMBER LONGITUDINALS SEE DETAIL (4/4/5)

The elevation view also shows the following dimensions and details:

- 13:** COURSES 3,6,9,12 & 15
- 7:** COURSES 2,5,8,11,14 & 17
- 16:** COURSES 1,4,7,10,13 & 16

15250

3050 3050 3050 3050 3050

100

100

COURSE 17

COURSE 16

COURSE 15

COURSE 14

COURSE 13

COURSE 12

COURSE 11

COURSE 10

COURSE 9

COURSE 8

COURSE 7

COURSE 6

COURSE 5

COURSE 4

COURSE 3

COURSE 2

COURSE 1

200x200 TIMBER FILLER (LET TO SUIT), SEE DETAIL (4) 5

200x200x1220 TIMBER SPLICER BLOCK, SEE DETAIL (5) 4

250mm DIA. TIMBER BINDER POST, SEE DETAIL (4) 5

200x200 TIMBER CROSS-TIES SEE DETAIL (4) 5

200x200 TIMBER LONGITUDINAL SEE DETAIL (4) 5

13 14 16 7

7 16 14 13

17 16 16 17

(COURSES 3,6,9,12 & 15)

(COURSES 2,5,8,11,14 & 17)

(COURSES 1,4,7,10,13 & 16)

6100

3050 3050

SERVICE AREA HARBOUR FACE

100 100

COURSE 17

COURSE 16

COURSE 15

COURSE 14

COURSE 13

COURSE 12

COURSE 11

COURSE 10

COURSE 9

COURSE 8

COURSE 7

COURSE 6

COURSE 5

COURSE 4

COURSE 3

COURSE 2

COURSE 1

200x200 TIMBER FILLER (LENGTHS TO SUIT), SEE DETAIL (6)

250mm DIA. TIMBER BINDER POST, SEE DETAIL (4)

200x200 TIMBER CROSS-TIES SEE DETAIL (4)

200x200 TIMBER LONGITUDINALS SEE DETAIL (4)

150x150 BALLAST FLOOR TIMBERS SEE DETAIL (7)

10 20

COURSES 12 TO 17

COURSES 1 TO 11

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