DECK MODULE PLAN

1:30

125x125 CHAPNER ON CURB NAILS @ ENDS OF BRIDGE ONLY

WEAR PLANKS NAILING PATTERN:
- WEAR PLANKS TO DECK PLANKS
- 150mm GALV. COMMON SPIKES
- 2 SPIKES @ 150 APART, 300 FROM ENDS
- 2 SPIKES @ 150 APART @ +/- 50mm G/C

DECK PLANKS NAILING PATTERN:
- DECK PLANKS TO CROSS-TIES
- 200mm GALV. COMMON SPIKES
- 1 SPIKE EVERY TIE, STAGGERED SIDE TO SIDE @ 150 APART
- PRE-DRILL (8mm) PLANK END SPIKES TO PREVENT SPLITTING

1/2 DECK WIDTH

75x250x3048 WEAR PLANKS
100x300x3048 DECK PLANKS

BRIDGE

125

75x250x3048 WEAR PLANKS
100x300x3048 DECK PLANKS

GALVANIZED 19X A307 TIMBER BOLTS (C/W ECONO DOME HEAD) (8 RED’S) AND Malleable Iron Washers Top and Bottom (Minimum 75 Diameter).

250x250x3048 TIMBER GUARD RAIL (2 RED’S)

250x250x4500 TIMBER RISER (4 RED’S)

LONG TIES SUPPORTING GUARD RAIL TO BE 610 WIDER THAN DECK WIDTH (4 REQUIRED PER MODULE)

SHORT CROSS TIES

OPTIONAL 150x150x3048 STIFFENING TIMBERS (2)
C/W 3-154 BOLTS PER TIMBER COUNTERSUNK INTO DECK PLANKS & Malleable Iron Washers

DECK MODULE HALF SECTION

1:20

ASSUME NOT TO SCALE

OPTIONAL 150x150x3048 STIFFENING TIMBERS (2)

ALTERNATE TIE ARRANGEMENT
CONTINUOUSLY LAID WEAR PLANKS

ALTERNATE TIE ARRANGEMENT PERMITTED ONLY IF RANDOM LENGTH WEAR PLANKS CROSSING PANEL JOINTS ARE LAY AT DECK MODULES PLACED ON BRIDGE AND ALL WEAR PLANKS TO EXTEND MINIMUM OF 500mm OVER DECK PANEL JOINTS

MINISTRY OF FORESTS, LANDS AND NATURAL RESOURCE OPERATIONS
ENGINERING BRANCH

STANDARD BRIDGE DRAWING

MODULAR TIMBER DECK PANEL

GENERAL ARRANGEMENT & DETAILS

SCALE AS SHOWN: Designed:
Date: 2012-02-19
Reviewed:
Date: 2012-02-20

ENGINEER:

FILE No.

DRAWING No.

STD-EC-020-05

REVISIONS

SIGNATURES