DESIGN ASSUMPTIONS

GENERAL NOTES

STANDARD DRAWING

18m SPAN

PSC PLANK GIRDER

DESIGN LOADING: SM1600.

THE MAXIMUM GAP BETWEEN PSC PLANKS: 320mm.

DECK: 180mm.

THE NOMINAL THICKNESS OF CAST-IN-PLACE REINFORCED CONCRETE:

- 300mm
- 200mm
- 100mm

S

L

X

300 VOD

Q3 0

Q2 11-N12-C-150, LAPPED WITH Q1 BARS

Q1 9-N12-X-150

Q2 11-N12-C-150

Q1 5-N13-X-150

Q2 11-N12-C-150

Q1 5-N13-X-150

5 DEEP RECESS FOR LAMINATED ELASTOMERIC BEARINGS.

SIZE OF RECESS TO SUIT BEARING TYPE USED.

THE MANUFACTURE OF THE PLANK BY BROOM FINISHING TRANSVERSELY

50 x 20 DEEP RECESS FOR PLACEMENT OF 18 THICK FIBRE CEMENT FORMWORK SHEETING.

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50 x 20 DEEP RECESS FOR PLACEMENT OF 18 THICK FIBRE CEMENT FORMWORK SHEETING.

STANDARD BAR SHAPES DIAGRAM

DIMENSIONS SHOWN ON BAR SHAPES DIAGRAM ARE MEASURED FROM THE OUTSIDE FACES OF THE BARS AND ARE IN MILIMETRES.

BAR SIZE IS THE NOMINAL DIAMETER IN MILLIMETRES.

BARS SHALL BE GRADE D500N TO AS/NZS 4671.

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THE INCLUDED ANGLE OF ANY BEND SHALL BE A RIGHT ANGLE.

ALL BENDS SHALL BE FITMENT BENDS IN ACCORDANCE WITH AS 6100 6.13.

THE COVER SPECIFIED IS BASED ON THE PLANK BEING CAST IN A RIGID STEELFORMWORK MOULD WITH INTENSE COMPACTION USING A VIBRATING TABLE OR FORM VIBRATORS.

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