DESIGN ASSUMPTIONS

GENERAL NOTES

SCALE

DESIGN LOADING: SM1600.

THE MAXIMUM GAP BETWEEN PSC PLANKS: 320mm.

DECK: 180mm.

THE NOMINAL THICKNESS OF CAST-IN-PLACE REINFORCED CONCRETE IS 300mm.

5 DEEP RECESS FOR LAMINATED ELASTOMERIC BEARING (EACH END OF PLANK)

STANDARD BAR SHAPES DIAGRAM

 конкурс

S
L
X

19 880
460
460
430

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

BAR SIZE IS THE NOMINAL DIA IN MILLIMETRES, BARS SHALL BE GRADE 5000 FOR AS 4871.

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

ALL BENDS SHALL BE FITMENT BENDS IN ACCORDANCE WITH 5100.5.13.

GENERAL NOTES

CONCRETE EXPOSURE CLASSIFICATION:...

MINIMUM 3 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 50 MPa.

MINIMUM COMpressive STRENGTH OF CONCRETE AT TRANSFER OF PRESTRESS SHALL BE 35 MPa.

NOMINAL COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SURFACe SHAll BE 35 mm UNLESS SPECIFIED OTHERWISE.

THE COVER SPECIFIED IS BASED ON THE PLANK BEING CAST IN A RIGID CEMENT FORMWORK SHEETING.

STANDARD DRAWING

16m SPAN

THE MANUFACTURE OF THE PLANK BY BROOM FINISHING TRANSVERSELY THIS SURFACE SHALL BE MADE ROUGH IN THE MANUFACTURE OF THE PLANK BY BROOM FINISHING TRANSVERSELY

PLANK TYPE C -... REQUIRED

PLANK TYPE B -... REQUIRED

PLANK TYPE A -... REQUIRED

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