ELEVATION
STRANDS AND INTERNAL REINFORCEMENT NOT SHOWN
2 SETS OF Q2 6 N/12 A-150 LAPPED WITH Q1 BARS
Q3 2 N/8 SPACED AS SHOWN IN SECTION
2 SETS OF Q2 6 N/12 A-150 LAPPED WITH Q1 BARS
Q1 5 N/12 X-50
Q1 4 N/12 X-150
5 DEEP RECESS FOR LAMINATED ELASTOMERIC BEARING (EACH END OF PLANK)
3 DEEP RECESS FOR LAMINATED ELASTOMERIC BEARING (EACH END OF PLANK)
STANDARD BAR SHAPES DIAGRAM
DIMENSIONS SHOWN ON BAR SHAPES DIAGRAM ARE MEASURED FROM THE OUTSIDE FACES OF THE BARS AND ARE IN MILLIMETRES.
BAR SIZE IS THE NOMINAL DIAMETER IN MILLIMETRES. BARS SHALL BE GRADE DESIGN AS AS/NZS 4671.
THE INCLUDED ANGLE OF ANY BEND SHALL BE A RIGHT ANGLE. ALL BENDS SHALL BE FITMENT BENDS IN ACCORDANCE WITH AS 5100.5.13.
GENERAL NOTES
CONCRETE EXPOSURE CLASSIFICATION
MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 50 MPa
MINIMUM COMpressive STRENGTH OF CONCRETE AT TRANSFER OF PRESTRESS SHALL BE 30 MPa.
NOMINAL COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SURFACE SHALL BE 25mm UNLESS SPECIFIED OTHERWISE.
THE COVER SPECIFIED IS BASED ON THE PLANK BEING CAST IN A RIGID STEEL FORMWORK MOULD WITH INTENSE COMPACTION USING A VIBRATING TABLE OR FORM VIBRATORS.
PLANK TYPE C - FIRST THREE PAIRS OF Q1 BARS ARE REQUIRED AT EACH END OF PLANK.
PLANK TYPE B - FIRST THREE PAIRS OF Q1 BARS ARE NOT REQUIRED AT THE END OF PLANK.
PLANK TYPE A - FIRST THREE PAIRS OF Q1 BARS ARE NOT REQUIRED AT EITHER END OF PLANK.
# OF STRANDS AND REINFORCEMENT DENOTES DIMENSION TO BE DETERMINED BY THE DESIGNER TO SUIT ANCHORAGE.
TABLE OR FORM VIBRATORS
STEEL FORMWORK MOULD WITH INTENSE COMPACTION USING A VIBRATING TABLE OR FORM VIBRATORS
THE NOMINAL THICKNESS OF CAST-IN-PLACE REINFORCED CONCRETE DECK IS 110mm.
THE COVER SPECIFIED IS BASED ON THE PLANK BEING CAST IN A RIGID STEEL FORMWORK MOLD WITH INTENSE COMPACTION USING A VIBRATING TABLE OR FORM VIBRATORS.
THE END OF PLANK AND EXPOSED STRANDS SEALED AGAINST CORROSION BY THE APPLICATION OF EPOXY RESIN.
AFTER TRANSFER OF PRESTRESS, STRANDS SHALL BE CUT FLUSH WITH THE END OF PLANK AND EXPOSED STRANDS SEALED AGAINST CORROSION.
THE COVER SPECIFIED IS BASED ON THE PLANK BEING CAST IN A RIGID STEEL FORMWORK MOLD WITH INTENSE COMPACTION USING A VIBRATING TABLE OR FORM VIBRATORS.
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THE END OF PLANK AND EXPOSED STRANDS SEALED AGAINST CORROSION.