## PLAN

- **Concrete Plan**: Denotes dimension to be determined by the designer to suit geometry and anchorage of strands and reinforcement.

## View 1

- **Skew Angle Range**: 1° - 20°

## Section 2

- **Reinforcement**:
  - Q1: 2-N12-L-130 Parallel to Skew
  - Q2: 1-N12-X-130 Normal to Plank
  - 2 Bundles of Normal to Plank
  - Q1 3-N12-L-110 Tied to Q2 at Composite Ends Only
  - Q5: 5-N12-X-55 (70) Parallel to Skew

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**General Notes**

- Design loading: SM1600
- Denotes dimension to be determined by the designer.
- Scale: Standard Bar Shapes Diagram
- Cross-sections to suit geometry and anchorage of strands and reinforcement.
- Dimensional accuracy shown in millimetres.
- Bars shall be grade D500N to AS/NZS 4671.
- Skew angle range: 1° - 20°
- Bars placed normal to Plank.
- Bars shall be chamfered 10 x 10 or rounded to R10.
- Bars shall be grade D500N to AS/NZS 4671.
- The included angle of any bend shall be a right angle.
- All bends shall be fitment bends in accordance with AS 1905.5.
- Longitudinal reinforcement and prestressing strands not shown.

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**Strengthening Bars**

- Q1: 2-N12-L-130 normal to the Plank
- Q2: 1-N12-X-130 normal to the Plank
- 2 Bundles of Q1 2-N12-L-130 parallel to Skew
- 1 Bundle of Q1 3-N12-L-110 tied to Q2 at composite ends only
- 5 Bundles of Q2 1-N12-X-150 (250), Q1 2-N12-L-150 (250), Q1 2-N12-L-250 normal to Plank
- 1 Bundle of Q2 1-N12-X-150 (250), Q1 2-N12-L-150 (250), Q1 2-N12-L-250 normal to Plank
- 1 Bundle of Q4 1-N12-X played, Q1 2-N12-L-130 normal to Plank
- 1 Bundle of Q1 3-N12-L-110 tied to Q2 at composite ends only
- Q5: 5-N12-X-55 (70) parallel to Skew

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**Special Details**

- Bottom edges shall be chamfered 10 x 10 or rounded to R10.
- The number of bundles 'X' is dependent on the PSC plank length.
- Bar mark 'L' shall be replaced with 'A' for 7m to 8m span PSC plank lengths.
- Longitudinal reinforcement and prestressing strands not shown.
- Bar spacing is given along L of Plank.
- Transverse dimensions shown for "X" bars and are in millimetres.
- These details apply to PSC planks with skewed ends and shall be read in conjunction with relevant span length PSC plank standard drawings.
- Denotes bars placed normal to Plank at composite ends.
- All bends shall be fitment bends in accordance with AS 1905.5.

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**Reinforcement Details**

- Bar Mark: "L" shall be replaced with "A" for 7m to 8m span PSC planks.
- Longitudinal reinforcement and prestressing strands not shown.
- Bar spacing is given along L of Plank.
- Transverse dimensions shown for "X" bars and are in millimetres.
- These details apply to PSC planks with skewed ends and shall be read in conjunction with relevant span length PSC plank standard drawings.
- Denotes bars placed normal to Plank at composite ends.
- All bends shall be fitment bends in accordance with AS 1905.5.