**GENERAL ARRANGEMENT FOR ALL 13m DECK UNIT TYPES**

<table>
<thead>
<tr>
<th>DECK UNIT SCHEDULE</th>
<th>TRANSVERSE STRESS UNIT SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DECK UNIT</strong></td>
<td><strong>LENGTH</strong></td>
</tr>
<tr>
<td></td>
<td>(m)</td>
</tr>
<tr>
<td>A</td>
<td>XX</td>
</tr>
<tr>
<td>B</td>
<td>XX</td>
</tr>
<tr>
<td>C</td>
<td>XXX</td>
</tr>
<tr>
<td></td>
<td>TOTAL MASS (tess)</td>
</tr>
<tr>
<td>A</td>
<td>XXX</td>
</tr>
<tr>
<td>B</td>
<td>XXX</td>
</tr>
<tr>
<td>C</td>
<td>XXX</td>
</tr>
</tbody>
</table>

- **NOTES:**
  1. DECK UNIT: X indicates information to be included in the project drawings.

- **ASSOCIATED DOCUMENTS:**
  Design Options for Bridges and Other Structures Drafting and Design Presentation Standards — Structural Drafting Standards Reference Documents:
  1. Precast Units — Design Assumptions for Precast Bridge Deck Units
  2. Precast Units — Design Assumptions for Precast Bridge Deck Units
  3. Precast Units — Design Assumptions for Precast Bridge Deck Units

- **ASSOCIATED DOCUMENTS:**
  Design Options for Bridges and Other Structures Drafting and Design Presentation Standards — Structural Drafting Standards Reference Documents:
  1. Precast Units — Design Assumptions for Precast Bridge Deck Units
  2. Precast Units — Design Assumptions for Precast Bridge Deck Units
  3. Precast Units — Design Assumptions for Precast Bridge Deck Units

- **LIFTING NOTES:**
  1. Maximum dynamic load factor used in this design is 2.0, unless otherwise specified.
  2. Proprietary lifting systems shall be certified by a TIR-approved fabricator.

- **CAST-IN-PLACE Anchor Notes:**
  1. The critical characteristic cast-in-place anchor capacity for the specified design.

- **After Lifting Note:**
  1. After lifting hoist is no longer required, cast-in-place anchor capacity is provided to a minimum thickness of 0.3 mm or a 0.6 mm weld.
CAST-IN LIFTING ANCHORS

SECTION A

CASTING GUIDES

100 x 100 x 50 deep access for Precast End, 140 x 100 x 50 deep access for Expansion End

SECTION B

TYPICAL SECTION INNER UNITS

CAST BUSHINGS

209 x 209 x 31

SECTION C

TYPICAL SECTION OUTER UNITS

Furnace, fixing anchor, refer indicative anchor detail

30 dia. drilling hole to 10 dia. deep recess, refer Transverse Nodal Arrangement on Drawing 2

INDICATIVE ANCHOR DETAIL

TYPICAL STRAND LAYOUT

5.1.1 strand: 3000 mm from each end
5.1.2 strand: 1500 mm from each end

NOTES:

1. Refer Drawing 1 for all notes.

Department of Transport and Main Roads

13m PSC DECK UNIT

DRAWING 3 OF 6

TYPICAL SECTIONS AND LIFTING DETAILS

1050, 1049 bars shall be tack welded on shown. X denotes weld
5.1-10D4, 5.1-10D6 bars shall be a distance of 10D4 for squares, 5.1-10D6 for plain

VIEW

END GRD