GENERAL NOTES

G1 These drawings shall be read in conjunction with all specifications and with such other written instructions as may be issued.

G2 All dimensions and existing conditions to be checked before commencing construction. Any discrepancies shall be referred to the Superintendent for decision before proceeding with the work.

G3 All workmanship and materials shall comply with the appropriate and current Australian standards.

G4 All dimensions are in millimetres unless noted otherwise.

G5 Dimensions shall not be obtained by scaling the structural drawings.

G6 Setting out dimensions shown on the drawings shall be verified on site before commencement of works.

G7 During construction the structure shall be maintained in a stable condition and no part shall be overstressed.

G8 U.N.O. denotes unless noted otherwise.

G9 All temporary works are to be designed and certified by the Contractor's structural engineer. All temporary works are to be removed at the end of the project with Ground Made Good. All at the Contractor's expense.

G10 Safety precautions shall be taken to avoid injury to people. The unattended footing holes shall be covered or fenced off at all times.

DESIGN DATA

WIND LOAD
REGIONAL WIND SPEED: Ultimate V0=57m/s
WIND REGION: B
TERRAIN CATEGORY: 1.5
SHIELDING MULTIPLIER (M): 1.0
TOPOGRAPHIC MULTIPLIER (M): 1.0

FOOTING NOTES

F1 All footings are to be founded in original undisturbed material of minimum allowable bearing capacity of 100 kPa. Before construction commences, the allowable bearing capacity shall be verified by a qualified geotechnical engineer (RPEQ). If site condition is different consult a structural engineer.

F2 The bottoms of all footings are to be cleaned of all loose material, clay seams, water etc. prior to concreting.

CONCRETE NOTES

C1. All workmanship and materials shall be in accordance with AS3600.

C2. All concrete shall be preixed by an approved supplier.

C3. All cement shall be type GP or GB to AS3972 unless otherwise specified.

C4. Admixtures shall not be used unless approved in writing by the Superintendent.

C5. Nominal aggregate size to be 20mm. Slump to be not greater than 80mm.

C6. Concrete strength and clear concrete cover to reinforcement shall be in accordance with the following table.

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>CONCRETE GRADE</th>
<th>REINFORCEMENT COVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BINDING LAYER</td>
<td>15</td>
<td>–</td>
</tr>
<tr>
<td>MASS CONCRETE</td>
<td>15</td>
<td>–</td>
</tr>
<tr>
<td>BORED PIRS</td>
<td>25</td>
<td>50</td>
</tr>
</tbody>
</table>

C7. All laps in reinforcement shall be as shown in the table below unless noted otherwise.

<table>
<thead>
<tr>
<th>BAR</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>N12</td>
<td>500</td>
</tr>
<tr>
<td>N16</td>
<td>650</td>
</tr>
<tr>
<td>N20</td>
<td>800</td>
</tr>
<tr>
<td>N24</td>
<td>1050</td>
</tr>
</tbody>
</table>

C8. REINFORCEMENT SYMBOLS:
R: Structural Plain Round Grade 250R to AS4671.
D: Deformed bar Grade 430D to AS4671.
L: Cold Rolled Deformed Bar Grade 430L to AS4671.
SL: Hard drawn steel reinforcing fabric Grade 430L to AS4671.

C9. Sizes of concrete elements do not include thickness of applied finishes.

C10. No holes, chases or embedment of pipes other than those shown on the structural drawings shall be made in concrete members without prior approval by the Superintendent.

C11. All concrete shall be compacted using a mechanical vibration process.

C12. Formwork shall be designed, constructed and stripped in accordance with AS 3610. Refer to the specification for classes of surface finishes.

STRUCTURAL DESIGN CERTIFICATION

[Signatures and details]

BRISBANE CITY COUNCIL STANDARD DRAWING

PARK NAME SIGNAGE - GENERAL STRUCTURAL NOTES - SHEET 1 OF 6

BSD-10510
A3 A