GENERAL SIGN NOTES

SIGNAGE PANEL:
- PANELS TO BE 16 GAUGE, 1.6mm THICK ALUMINIUM SHEETING.
- CORNERS OF PANEL TO HAVE 5mm RADIUS WITH ALL CORNERS/EDGES TO BE FREE OF BURRS.
- ANTI-GRAFFITI CLEAR FILM OR SIMILAR PRODUCT TO FINISHED SURFACE OF PANEL.
- REFER TO BSD – 10510 – SHEET 5 OF 6 AND SHEET 6 OF 6 FOR SIZES OF SIGN PANELS, POSSIBLE LAYOUTS AND GRAPHIC NOTES.

SIGNAGE STIFFENING RAILS:
- REFER TO DEPARTMENT OF TRANSPORT AND MAIN ROADS DRAWING 1369 FOR DETAILS OF SIGN RAIL EXTRUSIONS.
- SIGN RAIL TO BE 44mm WIDE X 40mm DEEP AND 3mm THICK. (TYPE 2A AS PER TRANSPORT AND MAIN ROADS DRAWING 1369).
- SIGN RAIL TO BE POP RIVETED TO SIGN USING 'HENHUB' SELF PIERCING RIVETING SYSTEM OR SIMILAR APPROVED. AT A SPACING BETWEEN 250–300mm APART DEPENDING ON BEST PLACEMENT IN RELATION TO SIGN DESIGN / PANEL COMBINATIONS.
- SIGN RAILS ARE TO BE TYPICALLY POSITIONED 100mm IN FROM TOP AND BOTTOM EDGE OF SIGN AND 50mm FROM SIDE EDGES OF SIGN. IN SOME CASES THIS IS TO VARY TO ENSURE SIGN TEXT AND GRAPHICS ARE UNOBSTRUCTED BY FIXING HOLES.

SIGNAGE POSTS:
- SIGNS ARE TO BE ATTACHED TO POSTS USING STANDARD (API BRAND OR APPROVED SIMIALR) SADDLE BRACKETS TO SUIT SIZE OF POST. SADDLE BRACKETS TO BE STAINLESS STEEL WITH STAINLESS STEEL NUTS AND BOLTS.
- BLACK PLASTIC CAPS TO BE INSTALLED TO END OF POSTS. END CAPS TO SUIT POST SIZE AS SPECIFIED.

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 CONSTRUCTION COMMENCES.

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 V_{500}=57m/s
	:	Serviceability V_{25}=39m/s
WIND REGION	:	B
TERRAIN CATEGORY	:	1.5
SHIELDING MULTIPLIER (Ms)	:	1.0
TOPOGRAPHIC MULTIPLIER (Mt)	:	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 PREMIXED 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 U.N.O.

ELEMENT	CONCRETE GRADE	REINFORCEMENT COVER
BLINDING LAYER	15	–
MASS CONCRETE	15	–
BORED PIERS	25	50

C7. ALL LAPS IN REINFORCEMENT SHALL BE AS SHOWN IN THE TABLE BELOW UNLESS NOTED OTHERWISE.

BAR	LENGTH
N12	500
N16	650
N20	800
N24	1050

BAR	LENGTH
N28	500
N32	650
N36	800
FABRIC	1050

C8. REINFORCEMENT SYMBOLS:

R STRUCTURAL PLAIN ROUND GRADE 250R TO AS4671.
N DEFORMED BAR GRADE D500N TO AS4671.
L COLD ROLLED DEFORMED BAR GRADE D500L TO AS4671.
SL HARD DRAWN STEEL REINFORCING FABRIC GRADE D500L 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

DESIGN	DESIGN CHECK	AUTHORISED FOR ISSUE
Zhuangzhi Hu RPEQ:13885 2015.03.20 11:45:46 +10'00'	Lenita Mendis RPEQ:8950 2015.03.20 12:12:03 +10'00'	Bala Balakumar, RPEQ:3963 2015.03.20 14:03:47 +10'00'

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	Drawing Converted From UMS Series March 2015	MAR '15	MAR '15	MAR '15

DRAWING AUTHORISED FOR PUBLICATION
Inga Condric 2015.06.04 15:54:48 +10'00'
for ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT
DESIGN APPROVED
SENIOR CO-ORDINATOR PARKS

DESIGN	CPO – P&D	DATE	MAR '15
DRAWN	CPO – P&D	DATE	MAR '15
CHECKED	CPS – NEWS	DATE	MAR '15
DRAWING FILENAME	BSD-10510 SHEET 1 of 6.dwg		
ASSOCIATED PLANS	BSD-10510 SHEETS 2, 3, 4, 5 & 6.dwg		

BRISBANE CITY

BRISBANE CITY COUNCIL STANDARD DRAWING

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

SCALE 1:20
DWG No. BSD–10510
ORIGINAL SIZE A3
REVISION A