



BORED PIER DETAIL

SCALE 1:5

NOTES:

1. FOOTING DESIGN IS BASED ON FIRM NATURAL GROUND OF 100kPa ALLOWABLE BEARING CAPACITY.
2. FOR POST CAST-IN BORED PIER, MASS CONCRETE GRADE 20MPa.
3. FOOTING IS DESIGNED FOR A NON-PERMANENT UMBRELLA AND UNDER THE ASSUMPTION THAT THE UMBRELLA WILL BE REMOVED DURING HIGH WIND EVENTS.
14. SAFETY IN DESIGN:
 - a. NOTICE TO PERSONS WHO COMMISSIONED THE DESIGN WORK DEPICTED IN THESE DOCUMENTS:—
THIS NOTICE IS ALSO RELEVANT TO ALL THOSE INVOLVED IN THE CONSTRUCTION OF THE WORKS, ITS OPERATION, AND ITS DEMOLITION.
 - b. ACTIVITIES WHICH INVOLVE SOME RISK TO THE HEALTH AND SAFETY OF THOSE INVOLVED OCCUR
 - DURING THE CONSTRUCTION OF THESE WORKS INCLUDING THOSE NOT INVOLVED IN THE CONSTRUCTION BUT WHO ENTER THE CONSTRUCTION SITE.
 - DURING THE OPERATION OF THESE WORKS.
 - DURING THE MAINTENANCE REQUIRED TO MAINTAIN THE INITIAL LEVEL OF SAFETY.
 - DURING THE EVENTUAL DEMOLITION OF THESE WORKS.
 - c. PLEASE CONTACT OSBORN LANE CONSULTING ENGINEERS FOR INFORMATION AND ASSISTANCE WITH MINIMISING THESE RISKS.

NOTES: 1. Builder to verify all information & dimensions on site prior to commencement of construction 2. DO NOT SCALE DRAWINGS 3. This drawing and the copyright thereof remains the property of Osborn Consulting Engineers Pty. Ltd. A.B.N. 83 602 572 967, A.C.N. 602 572 967 and must not be modified. 4. Refer to only the hard copies of drawings. Electronic versions not to be used for any purposes and Osborn Consulting takes no responsibility for any use thereof.



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**TYPICAL FOOTING FOR
IN-GROUND UMBRELLA SOCKET**

By Star Outdoor

FOOTING DETAIL

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|---------------------|--------------------|
| drawn: T. Leiper | approved: P. Brown |
| designed: T. Leiper | date: 27-11-2015 |

Project No.:

BR15-0661