



TYPICAL FENCE SECTION

SCALE 1:10

NOTE: ALL STEEL FASTENERS TO BE GALVANISED TO AVOID GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS.

BORED PIERS

- BP1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SETTING OUT ALL PIER LOCATIONS.
- BP2. EACH PIER LOCATION SHALL BE CHECKED PRIOR TO DRILLING FOR SERVICES WHICH MAY BE DAMAGED BY DRILLING. IF SERVICES ARE FOUND TO BE UNDER THE PROPOSED BORED PIER, THE ENGINEER SHALL BE NOTIFIED AND INSTRUCTIONS OBTAINED BEFORE PROCEEDING.
- BP3. MAXIMUM MISLOCATION HORIZONTALLY FROM CENTRE LINE SHALL NOT EXCEED 20mm IN ANY DIRECTION AND DEVIATION FROM PLUMB NOT TO EXCEED 40mm PER 300mm LENGTH OF PIER, MISLOCATION IN EXCESS OF THESE LIMITS BE REMEDIED BY CONSTRUCTING ADDITIONAL TIE BEAMS AND PIERS AT THE CONTRACTORS EXPENSE, TO THE ENGINEERS DETAILS.
- BP4. THE BUILDER SHALL BE RESPONSIBLE FOR LEVELLING TOP OF PIERS TO THE REQUIRED HEIGHT.
- BP5. THE BASE OF ALL PIERS SHALL BE FOUNDED 200mm IN TO ORIGINAL UNDISTURBED SOIL. ALL BASES SHALL BE CLEANED OUT OF ALL LOOSE AND DISTURBED MATERIAL PRIOR TO PLACING CONCRETE. CARE SHALL BE TAKEN TO PREVENT LOOSE SURFACE MATERIAL FALLING INTO HOLE.
- BP6. THE PIER HOLES SHALL BE KEPT FREE OF WATER AT ALL TIMES BY BALING AND PUMPING IF NECESSARY, PARTICULARLY PRIOR TO CONCRETING. CONCRETE SHALL NOT BE PLACED IN WATER. THE TOP OF THE HOLE SHALL BE PROPERLY COVERED TO PREVENT SURFACE WATER OR RAINFALL FROM ENTERING THE HOLE.
- BP7. CONCRETE SHALL BE PLACED AS SOON AS POSSIBLE AFTER DRILLING AND AFTER APPROVAL HAS BEEN GIVEN BY THE ENGINEER OR HIS REPRESENTATIVE. CONCRETE AND REINFORCEMENT SHALL BE READY FOR IMMEDIATE PLACEMENT UPON DRILLING AND APPROVAL OF PIER FOUNDATION. AS REQUIRED, STEEL OR CARDBOARD LINERS SHALL BE INSERTED IN THE PIER HOLES TO PREVENT GROUND AND/OR WATER INTRUSION INTO HOLES TO PREVENT ADHESION BETWEEN CONCRETE AND SUBSOIL.
- BP8. ALL BORED PIER CONCRETE TO BE N32 GRADE TO AS3600.
- BP9. CONCRETE SHALL BE COMPACTED BY IMMERSED MECHANICAL VIBRATORS.
- BP10. PROPER SAFETY PRECAUTIONS SHALL BE TAKEN TO AVOID INJURY TO PERSONNEL. UNATTENDED HOLES SHALL BE COVERED OR FENCED OFF AT ALL TIMES.

DESIGN WIND LOAD ALLOWED ON FENCE

REGION C, TERRAIN CATEGORY 2
WIND SPEED $V_{sit,8} = 53.5 \text{ m/s}$

A	PRELIMINARY ISSUE	TH 07.10.14
ISSUE	AMENDMENTS	INT./DATE



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CLIENT:
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PROJECT:
RESIDENTIAL FENCING

PROJECT ADDRESS:
STANDARD DESIGN

TITLE:
SECTION

CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO ANY OFF SITE FABRICATION.		
DESIGN: CH	SCALE: AS SHOWN	DATE: OCT 2014
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