



JOB NOTES

IMPORTANT NOTE:
LATERAL RESTRAINT TO THE PILES MUST BE MAINTAINED DURING ANY EXCAVATION. CIVIL WORKS CONTRACTOR TO ENSURE SHORING/RETENTION IS PROVIDED DURING EXCAVATION.

GENERAL DESIGN NOTES

1. THIS DETAIL IS TO (a) REMOVE SURCHARGE LOADING OF THE BUILDING FROM SEWER/ SERVICE, AND (b) SUPPORT THE VERTICAL WEIGHT OF THE BUILDING IN THE EVENT OF EXCAVATION FOR SEWER / SERVICE MAINTENANCE.
2. STRUCTURAL ENGINEER TO CONFIRM THAT THE FOOTING/SLAB CONFIGURATION HAS THE CAPACITY TO SPAN BETWEEN THE SPECIFIED PILE CENTERS
3. UNLESS NOTED OTHERWISE, THIS PILING HAS BEEN PREPARED WITHOUT SITE SPECIFIC GEOTECHNICAL INVESTIGATION, AND IS BASED ON THE ASSUMPTION THAT THE FOUNDING STRATA IS AT LEAST A MEDIUM DENSE SAND OR VERY STIFF CLAY
4. UNLESS NOTED OTHERWISE, THIS PILING DETAIL HAS BEEN PREPARED WITHOUT SITE SPECIFIC CORROSION ASSESSMENT, AND ASSUMES A NON AGGRESSIVE CORROSION CONDITION. ON THIS BASIS, THE PILES HAVE A DESIGN LIFE OF 75 YEARS WITH A 0.01mm UNIFORM SECTION LOSS PER YEAR.
5. DESIGN LIFE IS 75 YEARS IN ACCORDANCE WITH AS2159
6. ALL STEELWORK TO COMPLY WITH AS4100
7. NO SECOND HAND STEEL TUBE TO BE USED
8. ALL CONCRETE WORK TO COMPLY WITH AS3600
9. INSTALLATION IS TO BE CONDUCTED BY AN APPROVED ACCREDITED SCREWPILE AUSTRALIA INSTALLER HOLDING A CURRENT INSTALLING CERTIFICATE
10. THIS DETAIL IS A GUIDE ONLY AND THE DESIGN ENGINEER MUST ENSURE THAT IT IS APPROPRIATE FOR THE SPECIFIC SITE AND ALSO THAT ALL LOCAL AUTHORITY REQUIREMENTS ARE MET.
11. ALLOWABLE MAX. DESIGN LOADS SINGLE STOREY 38kN / DOUBLE STOREY 72kN SWL



ABN.29 136 408 571
3 - 5 James Street Bayswater
Phone 9371 7711 Fax 9371 7722
info@screwpile.com.au

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Drawing Title : Typical Single/Double Storey Sewer Screwpile Detail

Drawing No. : Doc-SA-00011

Scale: 1:20 /1:10

Date: SEPTEMBER/2011

Checked By : S.L.