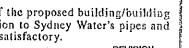


SYDNEY WATER APPROVED

1. The position of the proposed building/building works in relation to Sydney Water's pipes and structures are satisfactory.



2. Connections to Sydney Water REVISION.

watermain or stormwater may only be mind the stormwater following the issue of a permit to a licensed plumber/drainer,

3. It is the owner's responsibility to ensure that all proposed fittings will drain to Sydney Water's sewer.

4. All Plumbing and/or Drainage Work is to be carried out in accordance with the NSW Code of Practice, AS 3500 and the Sydney Water Act 1994.

5. Gullies, Inspection Shafts and Boundary Traps shall not be placed under any Roof, Balcony, Verandah, Floor or other cover unless

otherwise approved by Sydney Water.

6. Property No. 3255479

ROAD

STEYNE

NORTH

Reece Plumbing, Balmain Quick Check Agent on behalf of SYDNEY WATER

These plans relate to Development

Consent No. The plans are NOT for construction

Marie Mckenzie Enterprises Pty I



DESI

111 NORTH STEYNE MANLY N.S.W.

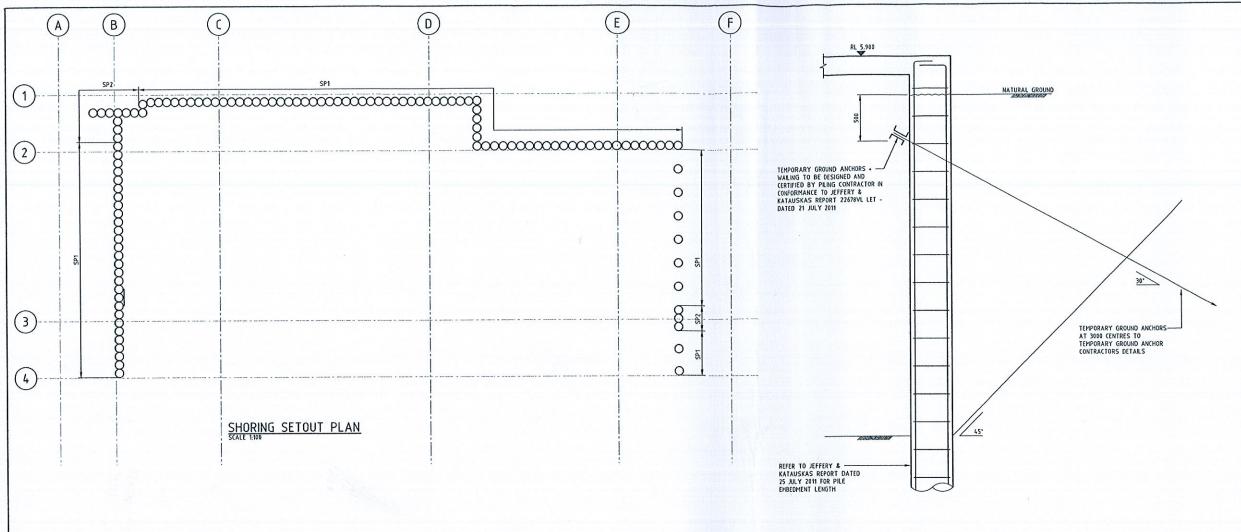
DRAWING TITLE

SITE PLAN

FREPATH: G10852451Arc1Drawings102_Sen01-She1A-SD-1101dm

	PLOTELL ON THE DEPOLATION (A TESTS & SY: E Deveerd		
	• DRAWN	RAYS	
	CHECKED	PROJECT DIRECTOR PROJECT LEADER	
	• SCALE	1:100 @ A1	
	• DATE	80 VON	
	• PROJECT NO	085245	
	 DRAWING NO 	A-SD-1.1.01	

ARCHITECTS . ENTERIORS . LANDSCAPE . PLANA



TYPICAL SHORING PILE DETAIL

SCALE 1:20

ALL TEMPORARY GROUND ANCHORS TO BE PROOF TESTED TO 1.2 TIMES THE ANCHOR LOAD

CONSTRUCTION CERTIFICAL

Approved Plans & Specifications relating to: Certificate No. Date

2 2 7 /11 1 6 - 0 8 - 11

APPROVED
DIX GARDNER PTY LTD

Crows Nest, NSW 2065

Ph +61 2 9438 5098

CONSTRUCTION SEQUENCE OF CONTIGUOUS PILE WALLS, ANCHORS

+ GROUND FLOOR

ALL BORED PIERS FORM PART OF THE PERMANENT STRUCTURE.

1. CONTIGUOUS PILE SHORING TO BE INSTALLED BY SPECIALIST CONTRACTOR. CONTRACTOR TO SUBMIT CONSTRUCTION SEQUENCE STATEMENT FOR ACOR'S REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORKS.

2) a) EXCAVATE TO THE LEVEL REQUIRED FOR THE INSTALLATION OF ANCHORS. DRILL, INSTALL AND STRESS THE GROUND ANCHORS IN ACCORDANCE WITH THE "GROUND ANCHOR" NOTES. AFTER INSTALLATION OF ANCHORS CONTINUE EXCAVATION TO BULK EARTHWORKS LEVEL.

b) THE CONTRACTOR SHALL ENSURE THAT THE EXCAVATION FACE IS CONTROLLED AT ALL TIMES SUCH THAT COLLAPSE IS PREVENTED. AT THE SUPFACE THIS WILL REQUIRE EXPOSURE OF THE LOOSE GROUND IN SHORT LENGTHS FOR SHORT PERIODS USING "TRENCHING INTO THE BATTER" TECHNIQUES. FOR GROUND WHICH IS HIGHLY STABLE EXPOSURE OF LONGER PERIODS OF TIME WILL BE ACCEPTABLE. THE PROCEDURE IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT COLLAPSE IN ALL LOCATIONS. DETAIL EXCAVATE BETWEEN BORD PIERS, PREPARE EDGE OF BORD PIERS, INSTALL STRIP DRAINS, PLACE REINFORCEMENT AND PLACE THE "SHOTCRETE" WALL BETWEEN PIERS. THE SURFACE IS TO HAVE A SMOOTH WOOD FLOAT FINISH TO ARCHITECTURAL DETAILS.

3. REPEAT STEP a) UNTIL ALL ANCHORS ARE INSTALLED.

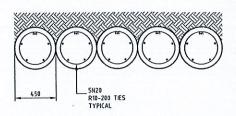
4. CONSTRUCT GROUND FLOOR. THIS FLOOR PROVIDES LATERAL RESTRAINT TO THE BORED PIERS IN THE COMPLETED STRUCTURE.

5. ANCHORS SHALL BE DESTRESSED, CUT BACK AND CONTIGUOUS PILES MADE GOOD NOT LESS THAN FOUR MONTHS AFTER THE PERMANENT FLOOR STRUCTURE AND BORED PIERS HAS REACHED FULL STEENGTH.

NOTI

DOWN THE HOLE SURVEYS OF CONTIGUOUS PILES EXCAVATIONS SHALL BE CARRIED OUT ON EVERY FIFTH PIER TO ENSURE CONFORMITY WITH MAXMUM TOLERANCES. IF THESE TOLERANCES ARE EXCEEDED, BACKFILL THE HOLE WITH 1:15 CEMENT STABILISED SAND AND PERCAMPAGED.

IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATIONS OF ALL SERVICES AROUND THE SITE AND CO-ORDINATE GROUND ANCHORS TO MISS ALL SERVICES. WHERE A SERVICE IS DAMAGED IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR TO SERVICE CONTROLLERS REQUIREMENTS.



TYPICAL CONTIGUOUS PILE SHORING PLAN SCALE 1:20

SP2 SCHEDULE	
DEPTH OF EXCAVATION	MINIMUM EMBEDMENT
3m	5400mm
2m	4000mm
1m	2500mm

NOT FOR CONSTRUCTION

Ac OR



ACOR CONSULTANTS PTY LTD ENGINEERS MANAGERS INFRASTRUCTURE PLANNERS Level 1, 24 Falcon Street

111 NORTH STEYNE MANLY, NSW 2095 SHORING PLAN AND DETAILS

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THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC CODE THAT SIGNIFIES THE DRAWING HAS BEEN CHECKED AND APPROVED BY:

- INFORMATION

29.07.11 JBH AS
Issue. Description

Date Drawn Approved

PHONE: 5539 9788 FAX: 5539 9789

