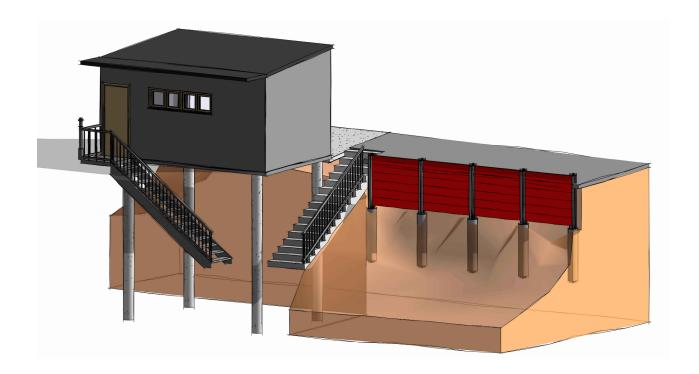
78 McCARRS CREEK ROAD, CHURCH POINT, NSW 2105

PACKAGE STRUCTURAL DOCUMENTATION

DRAWING LIST					
DRAWING #	DRAWINGS NAME	INTERNAL REV.	DATE		
S08	RETAINING WALL 1 LAYOUT PLAN	1	25.11.2024		
S08.1	RETAINING WALL 1 DETAILS	1	25.11.2024		





IMPORTANT

THE CONTRACTOR AND BUILDER ARE REQUIRED TO CAREFULLY REVIEW ALL SPECIFICATIONS. IF THEY IDENTIFY ANY DISCREPANCIES OR INCONSISTENCIES WITH THE WORK, OR DETERMINE THAT FURTHER EXAMINATION IS NECESSARY, THEY MUST INFORM THE CONSULTANT BEFORE PROCEEDING. ADDITIONALLY, IF THERE IS ANY LACK OF INFORMATION OR DETAILS, AND FURTHER CLARIFICATION IS NEEDED, THEY MUST REQUEST THIS FROM THE CONSULTANT AND NOT TAKE ANY ACTION WITHOUT THEIR APPROVAL.

IT IS THE INHERENT RESPONSIBILITY OF THE CONTRACTOR OR BUILDER TO HAVE

IT IS THE INHERENT RESPONSIBILITY OF THE CONTRACTOR OR BUILDER TO HAVE SUFFICIENT KNOWLEDGE AND UNDERSTANDING OF THE WORK AND TO RECOGNIZE ANY ISSUES THAT MAY CONFLICT WITH THE FUNDAMENTAL DESIGN PRINCIPLES, PROMPTLY INFORMING THE CONSULTANT OF SUCH MATTERS.

DRAWINGS TO BE READ & PRINTED IN COLOUR.

NOT ALL ARCHITECURAL WALLS / FLOORS / ROOFS ARE SHOWN. ELEMENTS SHOWN ON STRUCTURAL DRAWINGS (INCLUDING 3D VIEWS) ARE STRUCTURAL LOAD-BEARING ELEMENTS. REFER TO ARCHITECTURAL / LANDSCAPE DRAWINGS.

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	ISSUED FOR TENDER					ONLY IN ACCORDANCE WITH THE CONDITIONS
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JILDER	ARCHITECT
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RETAINING WALL FOR 78 McCARRS CREEK RD, CHURCH POINT NSW 2105 STRUCTURAL DRAWING COVER SHEET AND DRAWING LIST

JOB NUMBER

IA24-STR032

DRAWING NUMBER REVISIO

S00 1

SYDNEY

13 DAPHNE, CASTLE HILLS, 2154

EMAIL: INFO@IA-ENGINEERING.AU

ABN 85 675 677 513

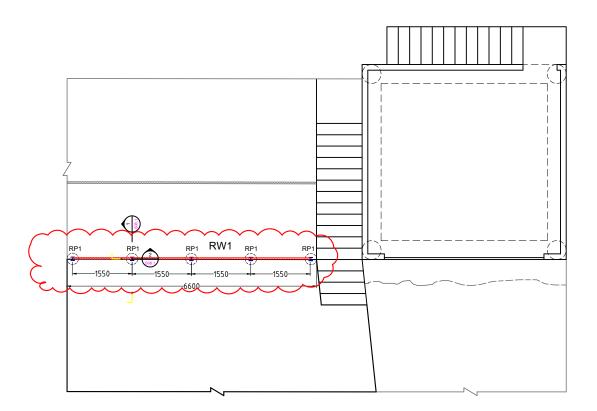


IMPORTANT:

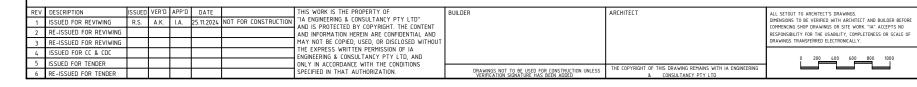
- IT IS HIGHLY RECOMMENDED TO INITIATE THE PROCESS WITH THE CONSOLIDATION AND STABILISATION OF THE SOIL BENEATH THE STRUCTURE.
- DURING ALL STAGES OF CONSTRUCTION, IT IS ESSENTIAL TO UTILIZE TEMPORARY STRUCTURES THAT COMPLY WITH THE FOLLOWING STANDARDS: AS/NZS 1576

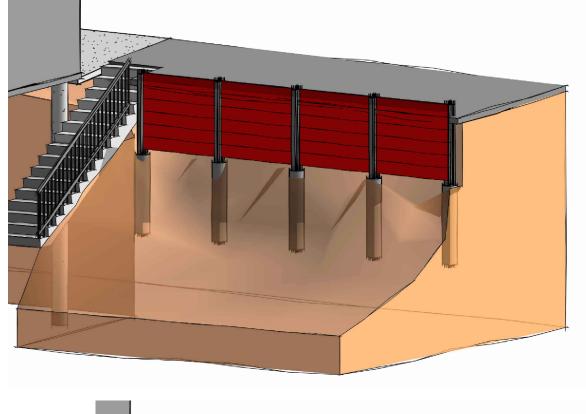
AS 4687

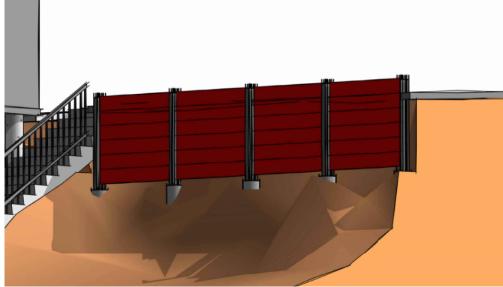
- THESE TEMPORARY STRUCTURES MUST POSSESS A MINIMUM LOAD-BEARING CAPACITY OF 30 KN/M IN HORIZONTALLY AND 10 KN/M IN VERTICALLY, AND THE PRECISE LOCATION OF THEIR SUPPORTS MUST BE CAREFULLY DETERMINED AND VERIFIED BY A STRUCTURAL ENGINEER.
- IT IS STRONGLY ADVISED TO MINIMIZE THE PROJECT DURATION AND ENSURE THE WORK IS EXECUTED WITH SUFFICIENT SPEED TO PREVENT ANY SOIL MOVEMENT RESULTING FROM CHANGES IN THE CONDITIONS OF THE SLOPED SURFACE.
- DUE TO THE UNIQUE CHARACTERISTICS OF THE EXISTING STRUCTURE, FULL COMPLIANCE WITH SAFETY REGULATIONS IS MANDATORY. ALL APPLICABLE STANDARDS MUST BE STRINGENTLY ADHERED TO THROUGHOUT THE ENTIRETY OF THE PROJECT.



"RETAINING WALL 1" LAYOUT PLAN







LLI
RETAINING WALL
FOR
78 McCARRS CREEK RD,
CHURCH POINT
NSW 2105

RETAINING WALL 1 LAYOUT PLAN	

DRAWING TITLE	JOB NUMBER	
	IA24-STR	032
RETAINING WALL 1 LAYOUT PLAN	DRAWING NUMBER	REVISIO
	S08	1

SYDNEY 13 DAPHNE, CASTLE HILLS, 2154 EMAIL: INFO@IA-ENGINEERING.AU ABN 85 675 677 513



PILE DETAILS							
DSCRIPTION	CONCRETE f'c	DIA	LENGHT	TYPE			
RP1	25 MPa	350mm	1200	MASS			

STRUCTURAL MEMBERS SCHEDULE						
MARK	DSCRIPTION	MEMBER SIZE	COMMENTS			
RSP1	STEEL POST	100 UC 14.8	300 PLUS			
RTB1	TIMBER BEAM	240x50	H4			

IMPORTANT:

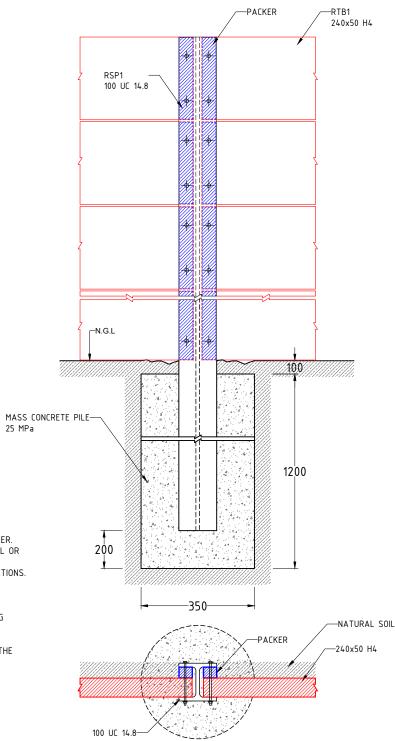
DURING PILING OPERATIONS, IT IS IMPERATIVE TO ENSURE THE FOLLOWING:

• THE WORK MUST BE CONDUCTED UNDER THE DIRECT SUPERVISION OF A SPECIALISED ENGINEER.

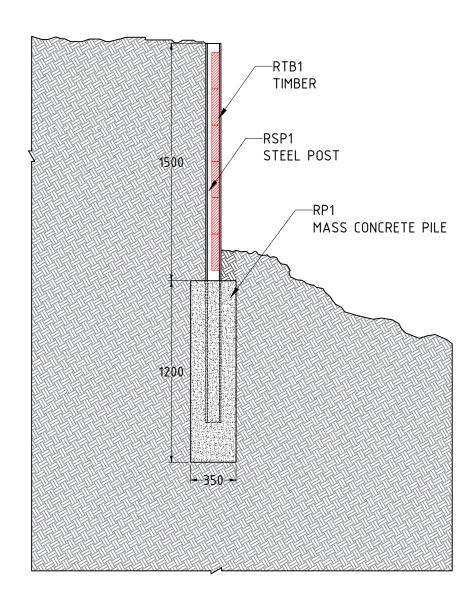
- MACHINERY AND EQUIPMENT UTILIZED MUST MINIMIZE VIBRATIONS AND IMPACTS ON THE SOIL OR
- ANY ADJACENT STRUCTURES. APPROPRIATE TEMPORARY STRUCTURES MUST BE INSTALLED PRIOR TO COMMENCING OPERATIONS.
- THESE TEMPORARY STRUCTURES MUST STRICTLY ADHERE TO THE FOLLOWING STANDARDS: AS/NZS 1576 AS 4687

FURTHERMORE, DURING THE PROCUREMENT AND HANDLING OF METAL MATERIALS, THE FOLLOWING MEASURES MUST BE OBSERVED:

- ACCURATE AND PRECISE MEASUREMENTS MUST BE PERFORMED.
- ALL METALLIC COMPONENTS MUST BE COATED APPROPRIATELY IN FULL COMPLIANCE WITH THE AS/NZS 2312 STANDARDS.







PILE & STEEL POST CONNECTION DETAILS "RW1" SECTION 1

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1	ISSUED FOR REVIWING	R.S.	A.K.	I.A.	25.11.2024	NOT FOR CONSTRUCTION
2	RE-ISSUED FOR REVIWING					
3	RE-ISSUED FOR REVIWING					
4	ISSUED FOR CC & CDC					
5	ISSUED FOR TENDER					
6	RF-ISSUED FOR TENDER					

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RETAINING WALL 78 McCARRS CREEK RD, CHURCH POINT NSW 2105

DRAWING TITLE IA24-STR032 **RETAINING WALL 1 DETAILS** DRAWING NUMBER **S08.1**

SYDNEY 13 DAPHNE, CASTLE HILLS, 2154 EMAIL: INFO@IA-ENGINEERING.AU ABN 85 675 677 513

