

PROPOSED DEVELOPMENT AT 23 ROBERTSON ROAD, SCOTLAND ISLAND, NSW2105 FOR FAR EAST LAND & HOUSING DEVELOPMENT COMPANY PTE LTD

CONSTRUCTION NOTES

GENERAL NOTES

- G1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES ARE TO BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- G2. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE STRUCTURAL DETAILS AND ALL DIMENSIONS TO BE VERIFIED BY THE BUILDER PRIOR TO COMMENCEMENT OF THE WORK.
- G3. REFER TO ARCHITECTURAL DRAWINGS FOR SLAB LEVELS AND ARCHITECTURAL DETAILS.
- G4. DURING CONSTRUCTION THE BUILDER IS RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION WITHOUT OVERSTRESSING ANY PART.
- G5. COMPLY WITH AS 3660 PROTECTION OF BUILDING FROM SUBTERRANEAN TERMITES.
- G6. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA.
- G7. THIS DOCUMENT IS NOT VALID TO BE USED AS DRAWINGS ON SITE UNLESS SIGNED AND MARKED AS 'FOR CONSTRUCTION'.

FOUNDATION NOTES

- F1. FOUNDATION MATERIAL (.....ROCK.....) TO BE CONSISTENT WITH UNIFORM MOISTURE CONTENT THROUGHOUT, AND HAVE A MINIMUM SAFE BEARING CAPACITY OF400..... kPa TO BE ACHIEVED ON SITE.
- F2. ALL RESIDENTIAL SLABS AND FOOTINGS TO COMPLY WITH AS 2870 UNLESS DETAILED OTHERWISE

CONCRETE NOTES

- C1. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS 3600 AS AMENDED, EXCEPT WHERE VARIED BY CONTRACT DOCUMENTS.
- C2. CONCRETE QUALITY TO BE ACCORDANCE WITH THE FOLLOWING TABLE UNLESS NOTED OTHERWISE :

ELEMENT	SLUMP	MAX SIZE AGGREGATE	CEMENT TYPE	AS 3600 f'c MPa	ADMIXTURE
PIERS	80	20	A	32	--
FOOTINGS	80	20	A	32	--
SLAB ON GROUND	80	20	A	32	--
COLUMNS	80	20	A	32	--
WALLS	80	20	A	32	--
SUSPENDED SLABS	80	20	A	32	--
BLOCKWORK CORES	230	10	A	32	--
STAIRS	80	20	A	32	--

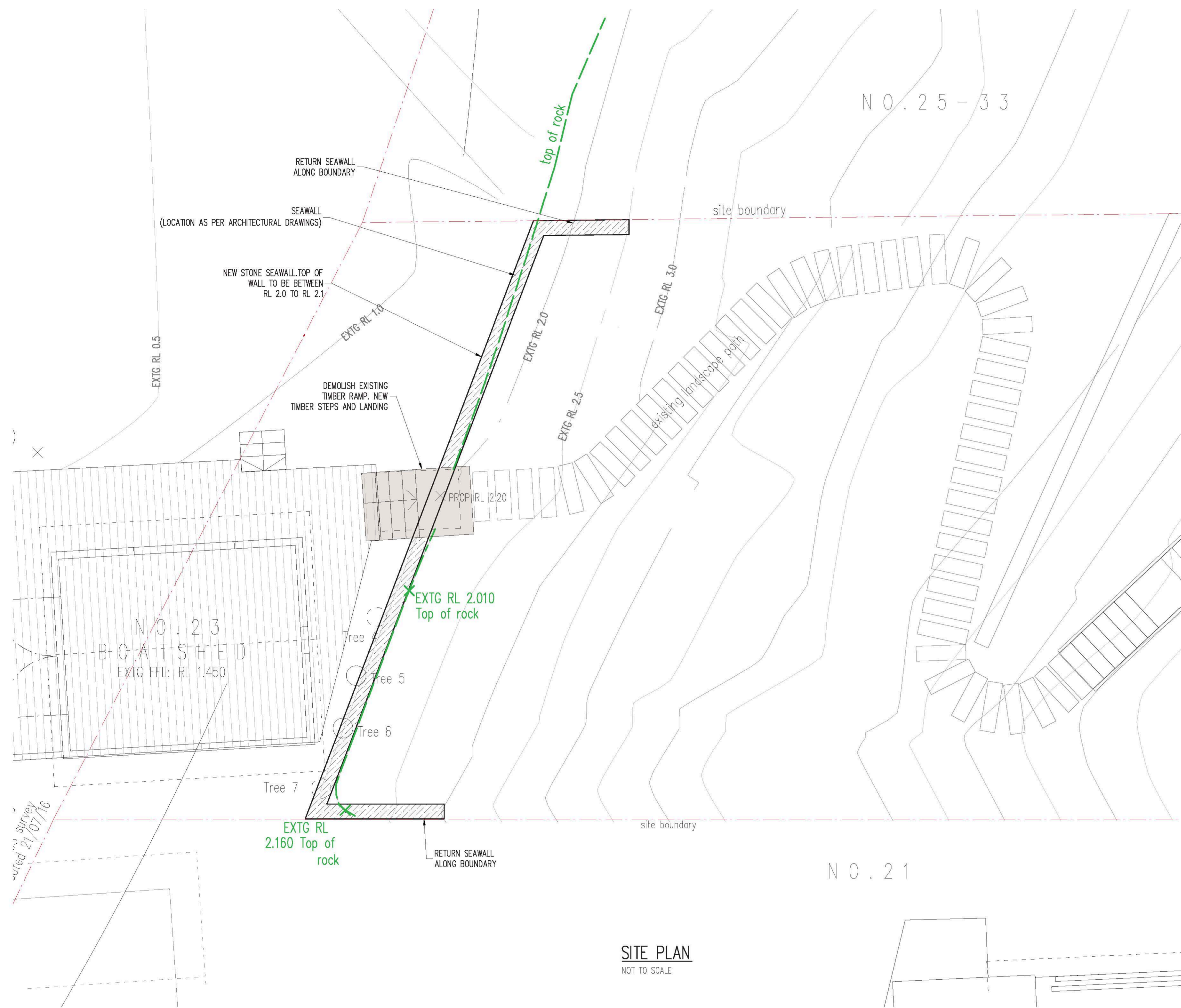
- C3. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS EXCEPT WHERE INCREASED COVER IS REQUIRED TO SATISFY FIRE RATING OR UNLESS NOTED OTHERWISE

	REQUIRED CLEAR CONCRETE COVER (mm) RATIONALISED FROM AS 3600								
	INTERNAL		EXTERNAL			IN CONTACT WITH GROUND			
	WET AREAS AND INDUSTRIAL	OTHER	COASTAL < 1km	INLAND > 1 < 50km OR INDUST.	INLAND > 50km NON INDUST	DAMP PROOF MEMBRANE	NO MEMBRANE	BELOW WATER TABLE	AGGRESSIVE GROUND WATER
FOOTINGS	--	--	--	--	--	40	50	75	100
PEDESTALS & COL	40	40	50	40	40	40	50	65	75
SLABS	40	20	45	40	30	30	40	60	65
BEAMS	40	25	50	40	40	40	50	65	75
WALLS	40	20	50	40	40	40	50	65	75

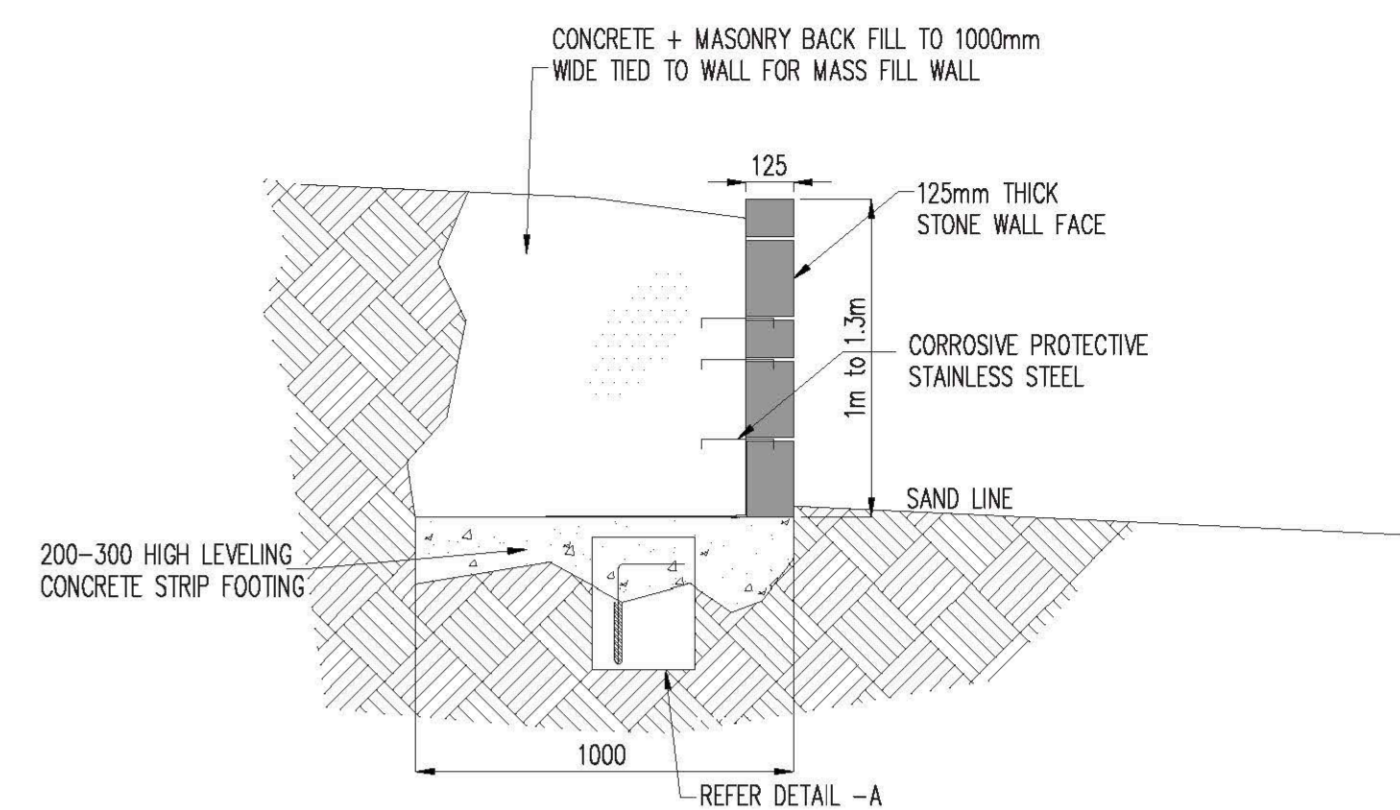
- C4. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
- C5. CONSTRUCTION JOINTS WHERE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.
- C6. BEAM DEPTHS ARE WRITTEN FIRST AND INCLUDE SLAB THICKNESS (IF ANY).
- C7. NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN THE CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- C8. ALL CONCRETE SHALL BE COMPACTED USING HIGH FREQUENCY VIBRATORS.
- C9. ALL CONCRETE SURFACES SHALL BE CURED BY MAINTAINING THEM CONSTANTLY DAMP OR WET FOR A MINIMUM OF 7 DAYS. CURING TO COMMENCE IMMEDIATELY AFTER POURING.
- C10. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY, IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.
- C11. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN. THE WRITTEN APPROVAL OF THE ENGINEER SHALL BE OBTAINED FOR ANY OTHER SPLICES. REINFORCEMENT FABRIC TO HAVE END AND SIDE LAPS OF 250 MIN
- C12. ALL REINFORCEMENT SHALL BE SUPPORTED ON STEEL CHAIRS TO MAINTAIN IT AT THE CORRECT LEVELS, IN NO CASE SHALL THE SPACING OF CHAIRS EXCEED 800. PLASTIC BAR CHAIRS ONLY SHALL BE USED FOR EXPOSURE CLASSIFICATION B1 OR WORSE.
- C13. UNLESS OTHERWISE SHOWN CONCRETE ENCASING TO STRUCTURAL STEELWORK SHALL BE 50 MINIMUM THICKNESS REINFORCED WITH FGW41. FABRIC SHALL HAVE 25 COVER AND BE LAPPED 250 AT ALL SPLICES.
- C14. SEPARATE ALL CONCRETE SLAB AND BEAM SURFACES FROM CONTACT WITH MASONRY WITH TWO LAYERS OF "MALTHOID" OR EQUIVALENT
- C15. REINFORCEMENT SYMBOLS ARE AS FOLLOW :
 N----- GRADE D500N DEFORMED BAR IN ACCORDANCE WITH AS 4671
 S----- GRADE D250N DEFORMED BAR IN ACCORDANCE WITH AS 4671
 R----- GRADE R250N PLAIN BAR IN ACCORDANCE WITH AS 4671
 SL----- GRADE 500 SQUARE & RECTANGULAR WIRE FABRIC IN ACCORDANCE WITH AS 4671
 L?M----- GRADE 500 TRENCH MESH BAR IN ACCORDANCE WITH AS 4671
 THE NUMBER FOLLOWING THE REINFORCEMENT BAR SYMBOL IS THE NUMBER OF MILLIMETERS IN THE BAR DIAMETER.
- C16. FORMWORK WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE S.A.A. FORMWORK CODE AS 1509.
- C17. THE ENGINEER IS TO BE GIVEN 48 HOURS NOTICE OF ALL IMPENDING POURS.

C	E.V.	A.G.	B.M.	23-11-20	FOR DEVELOPMENT APPROVAL
B	E.V.	A.G.	B.M.	14-10-20	FOR DEVELOPMENT APPROVAL
A	E.V.	A.G.	B.M.	04-09-20	NOT FOR CONSTRUCTION
REV	DESIGNED	DRAFTED	APPROVED	DATE	DESCRIPTION

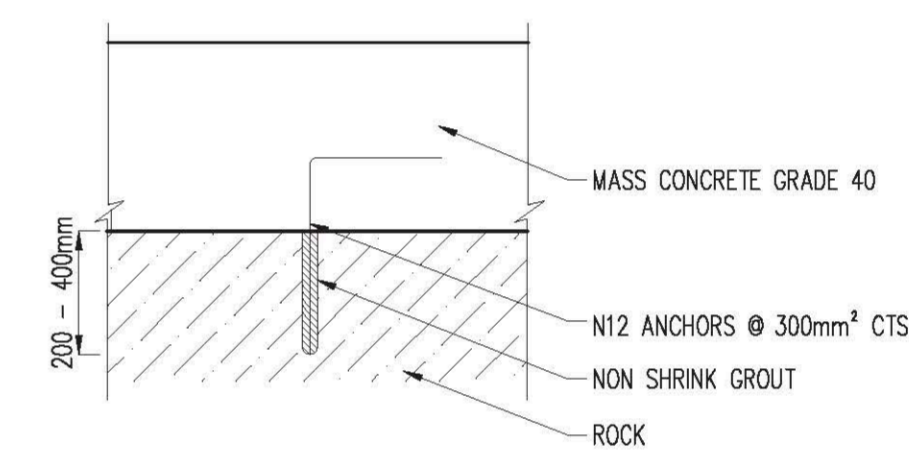
		ABN 71121623550 Suite 1.03/80 Mount St., North Sydney Tel: (02) 9922 5501 Email: info@neillydavies.com.au		<small>COPYRIGHT</small> THIS DOCUMENT IS & SHALL REMAIN THE PROPERTY OF NEILLY DAVIES & PARTNERS CONSULTING ENGINEERS. THE DOCUMENT MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED. IT MUST NOT BE USED, REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.	
PROJECT STATUS: FOR DEVELOPMENT APPROVAL					
CLIENT: FAR EAST LAND & HOUSING DEVELOPMENT COMPANY PTE LTD					
PROJECT ADDRESS: PROPOSED DEVELOPMENT AT 23 ROBERTSON ROAD, SCOTLAND ISLAND, NSW2105					
SHEET INFO: CONSTRUCTION NOTES					
DESIGNED	E.V.	DRAWN	A.G.	CHECKED	B.M.
SHEET NO	S01	SCALES	AS SHOWN	START DATE	04-09-2020
SHEET SIZE	A1	DO NOT ATTEMPT TO SCALE FROM THESE DRAWINGS		PROJECT NO	J200093



SITE PLAN
NOT TO SCALE



TYPICAL VERTICAL STONE SEA WALL
SCALE 1:20



TYPICAL STONE BASE MASS CONCRETE TO FIRM STRATUM DOWEL DETAIL-A
SCALE 1:10

NOTE:
APPROPRIATE FOUNDATION DETAIL TO BE PROVIDED SUBJECT TO SITE CONDITIONS.

NOTE:
AS PER GEOTECH REPORT, ANY RETAINING STRUCTURES TO BE CONSTRUCTED AS PART OF THE SITE WORKS ARE TO BE BACKFILLED WITH SUITABLE FREE-DRAINING MATERIALS WRAPPED IN A NON-WOVEN GEOTEXTILE FABRIC (I.E BIDIM A34 OR SIMILAR), TO PREVENT THE CLOGGING OF THE DRAINAGE WITH SEDIMENT.

		ABN 71121623550 Suite 1.03/80 Mount St., North Sydney Tel: (02) 9922 5501 Email: info@nellyd Davies.com.au		<small>COPYRIGHT</small> THIS DOCUMENT IS & SHALL REMAIN THE PROPERTY OF NELLY DAVIES & PARTNERS CONSULTING ENGINEERS. THE DOCUMENT MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED. IT MUST NOT BE USED, REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.	
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CLIENT		FAR EAST LAND & HOUSING DEVELOPMENT COMPANY PTE LTD			
PROJECT ADDRESS		PROPOSED DEVELOPMENT AT 23 ROBERTSON ROAD, SCOTLAND ISLAND, NSW2105			
SHEET INFO		SEA WALL PLAN & TYPICAL DETAILS			
DESIGNED	E.V.	DRAFTED	A.G.	CHECKED	B.M.
SHEET NO	S02	SCALES	AS SHOWN	START DATE	04-09-2020
SHEET SIZE	A1	DO NOT ATTEMPT TO SCALE FROM THESE DRAWINGS		PROJECT NO	J200093

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