

SHORING PLAN  
1:100

CONTIGUOUS PILE WALL & CAPPING BEAM SCHEDULE							
MARK	PILE DIAMETER (mm)	EMBEDMENT LENGTH BELOW BEL (mm)	LONGITUDINAL REINFORCEMENT PER PILE	FITMENTS PER PILE	CAPPING BEAM DEPTH (mm)	CAPPING BEAM WIDTH (mm)	CAPPING BEAM REINFORCEMENT
CPW1	450	REFER ELEVATION	6N20	R10-300	350	525	3N20 E.F. & R10-300 FITMENTS
CPW2	450	REFER ELEVATION	6N20	R10-300	350	525	3N20 E.F. & R10-300 FITMENTS
CPW3	450	REFER ELEVATION	6N20	R10-300	350	525	3N20 E.F. & R10-300 FITMENTS
CPW4	450	REFER ELEVATION	6N20	R10-300	350	525	3N20 E.F. & R10-300 FITMENTS
CPW5	450	REFER ELEVATION	6N20	R10-300	350	525	3N20 E.F. & R10-300 FITMENTS

'CPW1' - 'CPW5' CONCRETE QUALITY SCHEDULE			
Element	Max. Slump	Aggregate Size (mm)	Concrete Grade (MPa)
Piles	80	20	40
Capping Beams	80	20	40
Shotcrete	TBC	10	40

RL 18.90	DENOTES EXISTING GROUND LEVEL
RL 13.20	DENOTES PROPOSED FLOOR LEVEL
CBL 19.17	DENOTES PROPOSED TOP OF CAPPING BEAM LEVEL
BEL	DENOTES BULK EXCAVATION LEVEL
ST	DENOTES STEP IN TOP OF CAPPING BEAM
SS	DENOTES STEP IN SOFFIT OF CAPPING BEAM
M.S.	DENOTES MEDIUM STRENGTH ROCK
BH	DENOTES APPROXIMATE BOREHOLE LOCATION FROM GEOTECH REPORT BY CROZIER GEOTECHNICAL CONSULTANTS (PROJECT: 2015-2411 DATED: 17.01.2019)
TP1	DENOTES TEST PIT TO DETERMINE DEPTH & FOUNDATION MATERIAL OF EXISTING BOUNDARY WALL FOOTINGS. DO NOT EXCAVATE BELOW UNDERSIDE OF EX FOOTING. BUILDER TO PROVIDE RL LEVEL OF UNDERSIDE OF FOOTING TO ENGINEER, CAPPING BEAM LEVELS MAY NEED TO BE AMENDED TBC

NOTES:

- REFER TO GEOTECHNICAL REPORT BY CROZIER GEOTECHNICAL CONSULTANTS PROJECT: 2015-2411 DATED: 17.01.2019.
- ROCK LEVELS SHOWN ON ELEVATION ARE BASED ON LIMITED GEOTECHNICAL INVESTIGATION. ROCK LEVELS TO BE CONFIRMED WITH GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF PILING.
- ALL CAPPING BEAM LEVELS ARE PRELIMINARY ONLY & ARE SUBJECT TO CHANGE BASED ON DEPTH OF EXISTING FOOTINGS & LEVEL 2 & LEVEL 3 SLAB THICKNESSES.
- ONCE DEMOLITION HAS TAKEN PLACE, GEOTECHNICAL ENGINEER TO INSPECT SITE AND UNDERTAKE FURTHER TESTING. SHORING DESIGN MAY NEED TO BE REVISED DEPENDING ON RESULT OF FURTHER GEOTECHNICAL TESTING

CONTIGUOUS PILE WALL CONSTRUCTION SEQUENCE

- CONSTRUCT CONTIGUOUS PILE WALLS CPW1, CPW2, CPW3, CPW4 & CPW5 AS DETAILED IN ACCORDANCE WITH GEOTECHNICAL ENGINEER'S RECOMMENDATIONS IN A HIT 1 & MISS 2 BASIS.
- CONSTRUCT CAPPING BEAMS TO CPW1, CPW2, CPW3, CPW4 & CPW5.
- BULK EXCAVATION TO BEL. GROUT PLUG IN BETWEEN PILES AS EXCAVATION PROGRESSES IF MATERIAL LOSS BETWEEN PILES.
- CONSTRUCT SHOTCRETE WALL ALL AROUND.

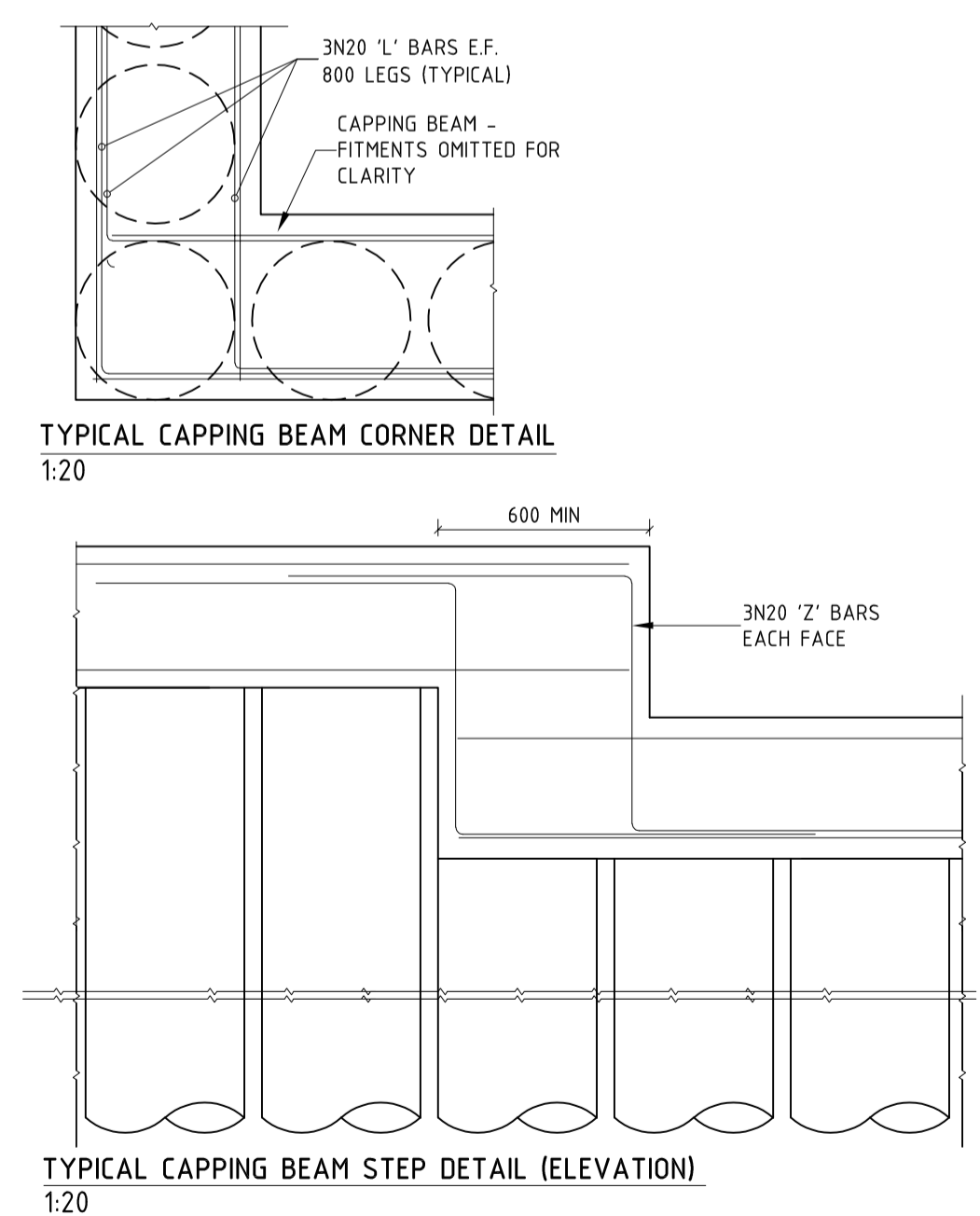
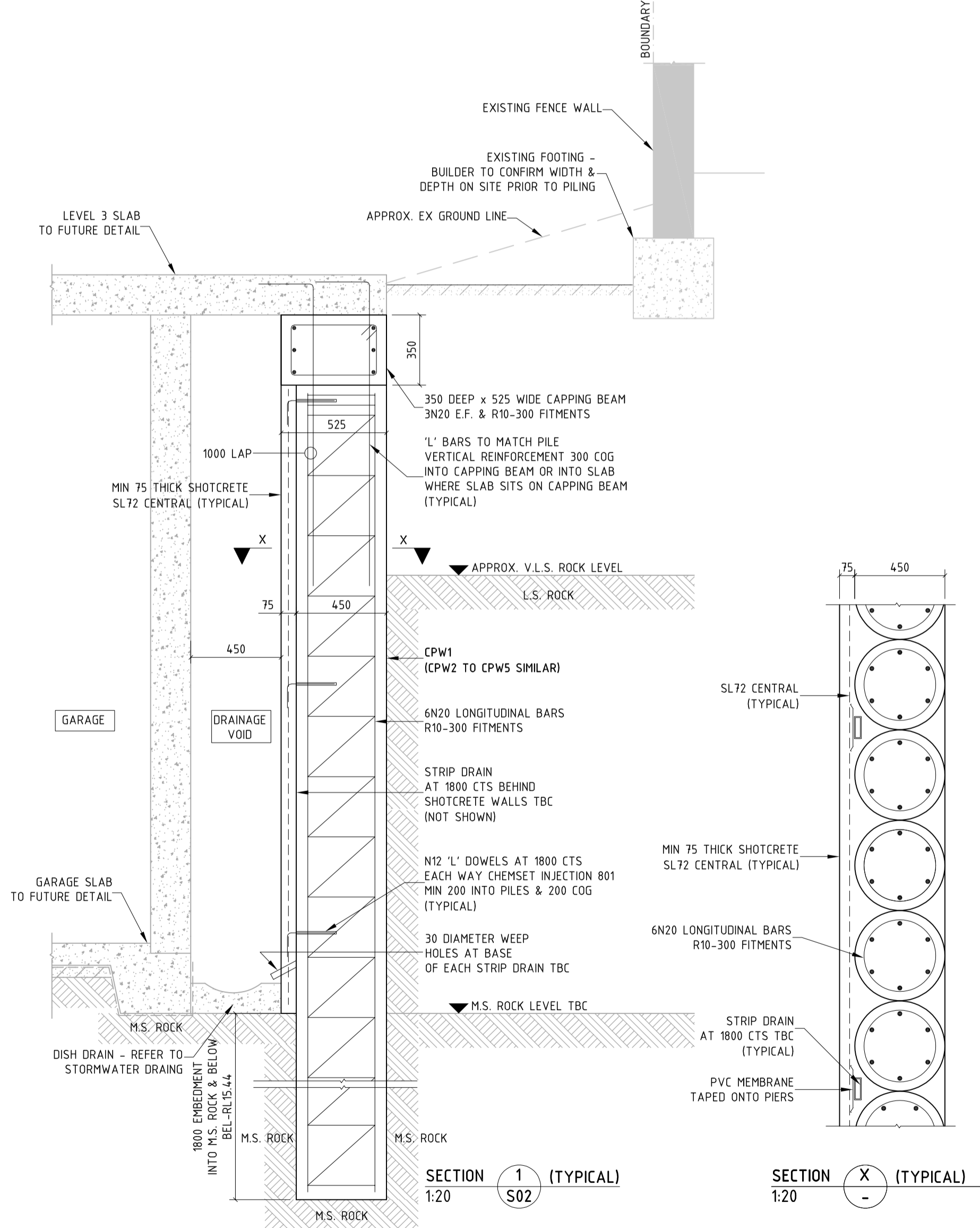
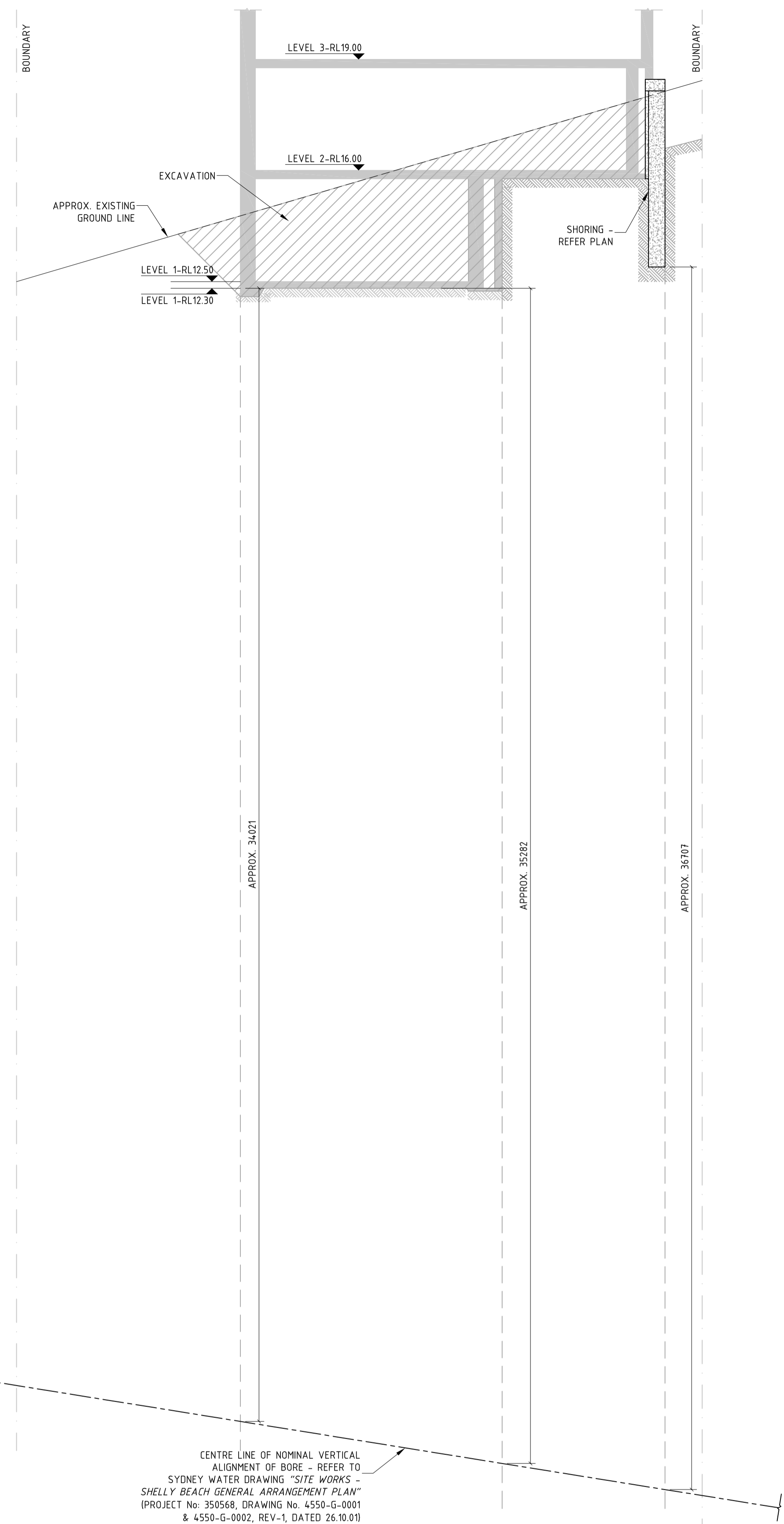
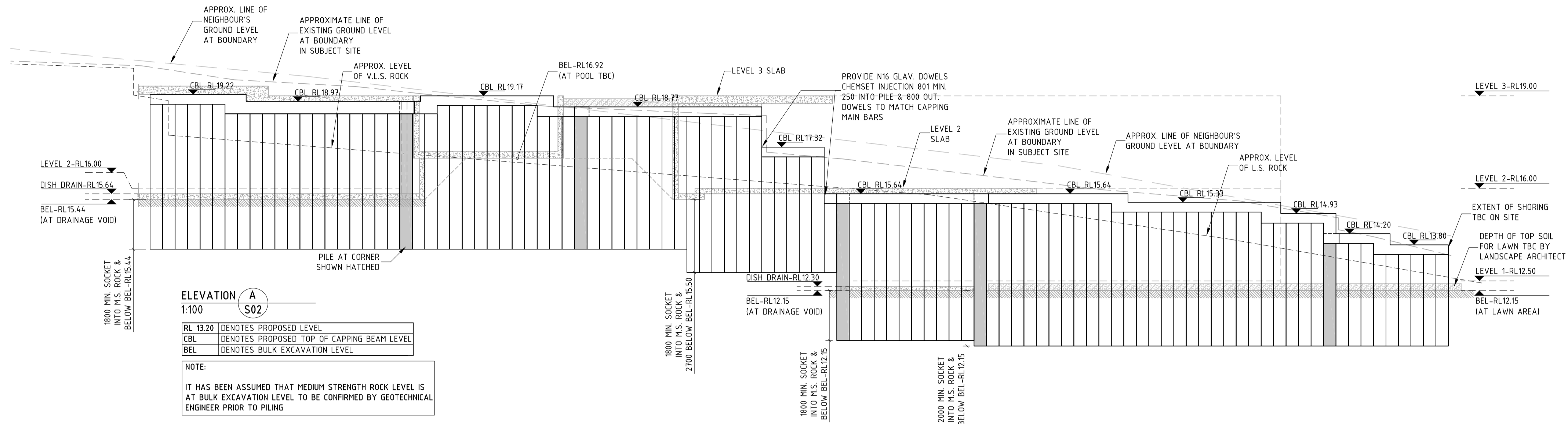
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**BUILDING PLAN APPROVED**  
ASSET NOT AFFECTED  
Ref No: 1513035 Date: 11.01.2023

REV.	DATE	REVISION DESCRIPTION	BY	REV.	DATE	REVISION DESCRIPTION	BY
B	10.01.23	ISSUE FOR CC SUBMISSION ONLY	DI				
A	12.12.22	ISSUE FOR CC SUBMISSION ONLY	DI				

ARCHITECT  
EATON MOLINA ARCHITECTS  
CLIENT  
THE I'VE GOT TIME GROUP

STATUS	ISSUE FOR CC SUBMISSION ONLY	DATE	NOV 2022
PROJECT	32 BOWER ST, MANLY	DESIGNED	JD
DRAWING	SHORING PLAN	SCALE	1:100
		PAGE SIZE	A1
		REVISION	B
		DRAWING NUMBER	CS02





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STATUS	ISSUE FOR CC SUBMISSION ONLY	DATE	NOV 2022
PROJECT	32 BOWER ST, MANLY	SCALE	REFER
DRAWN	JD	DWG	221102
CHECKED	DI	REVISION	B
DRAWING	SHORING ELEVATIONS & DETAILS	PAGE SIZE	A1
		DRAWING NUMBER	CS03