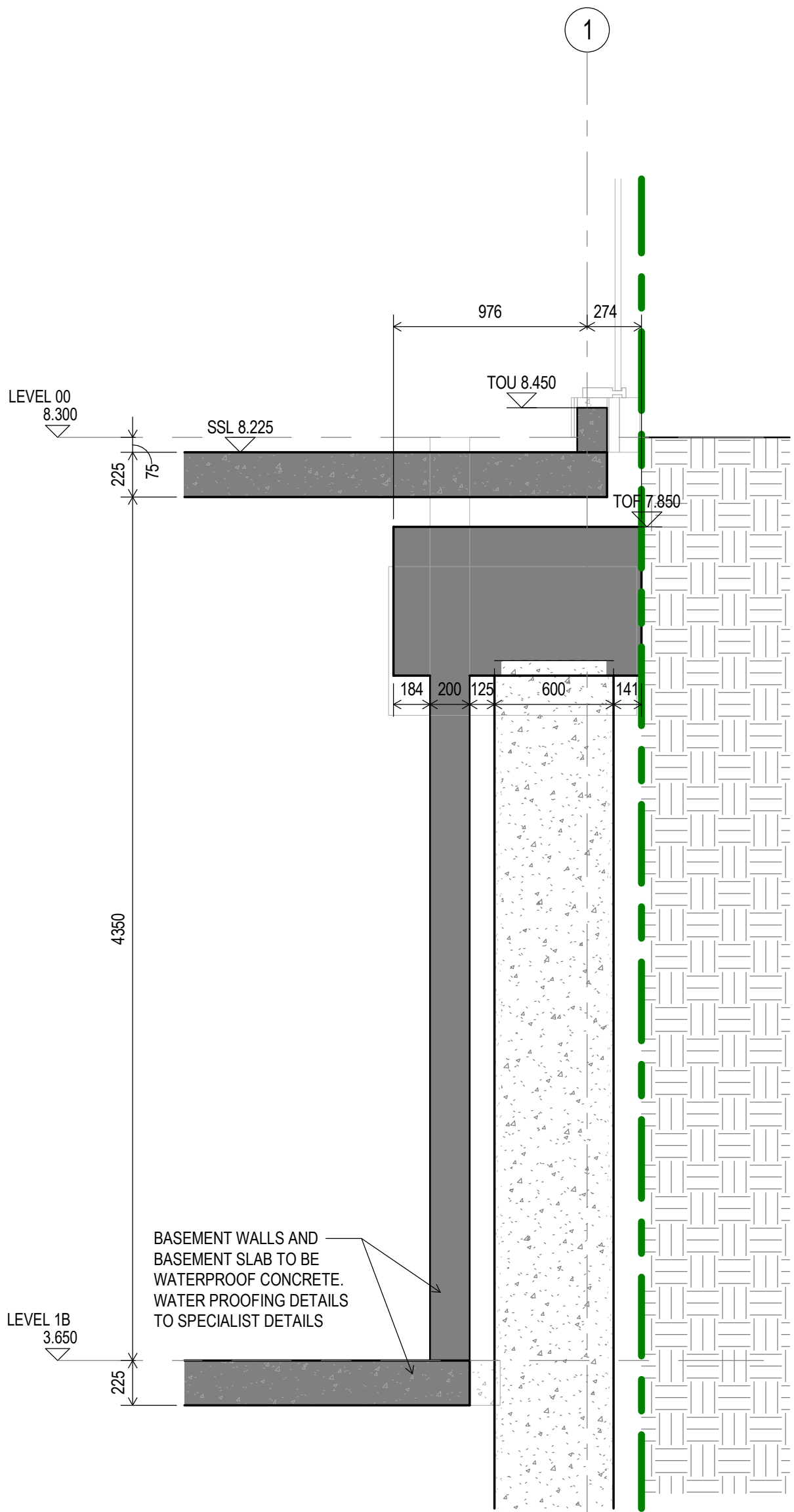




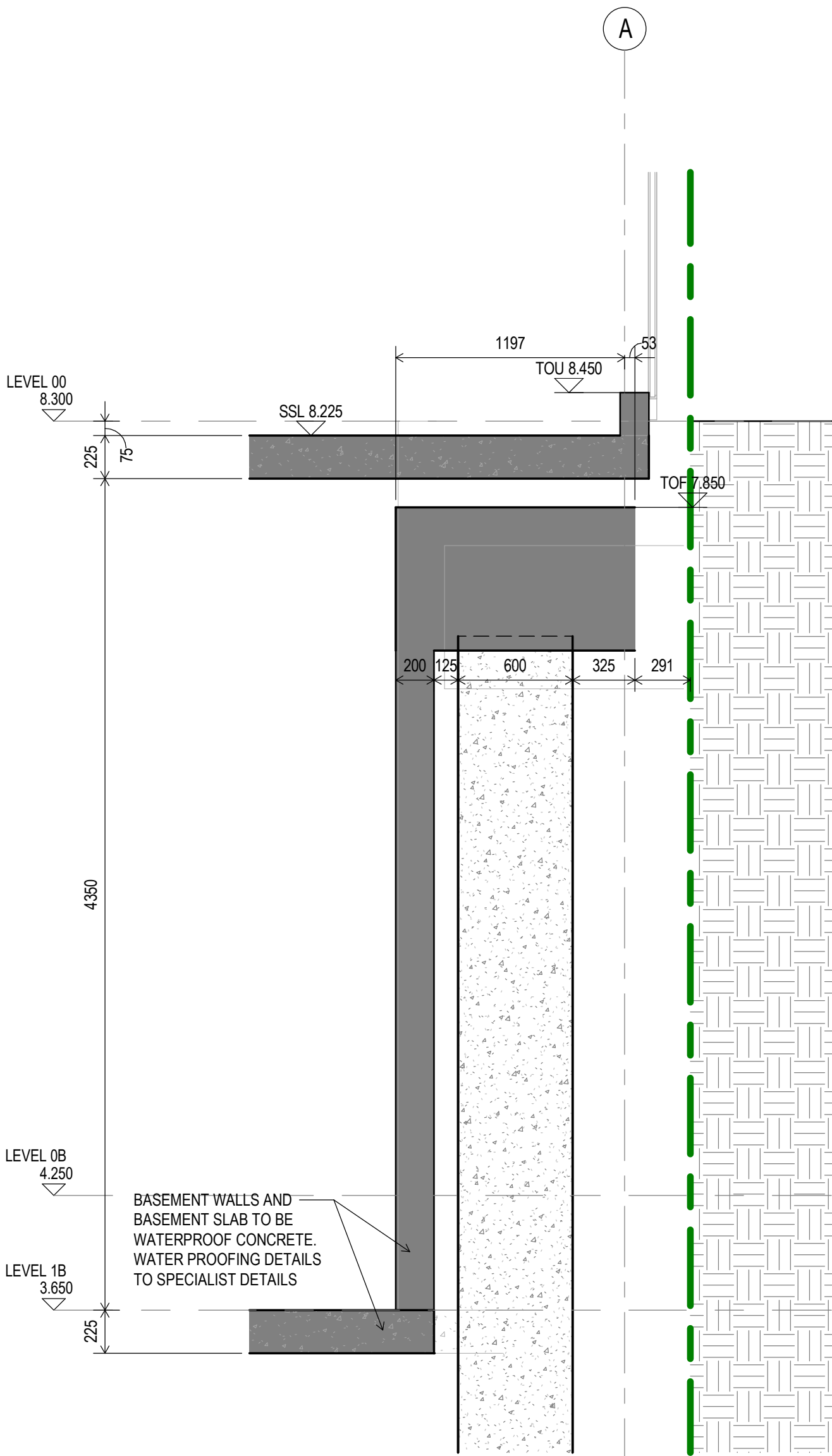
CAPPING BEAM SECTION KEY PLAN

1 : 200



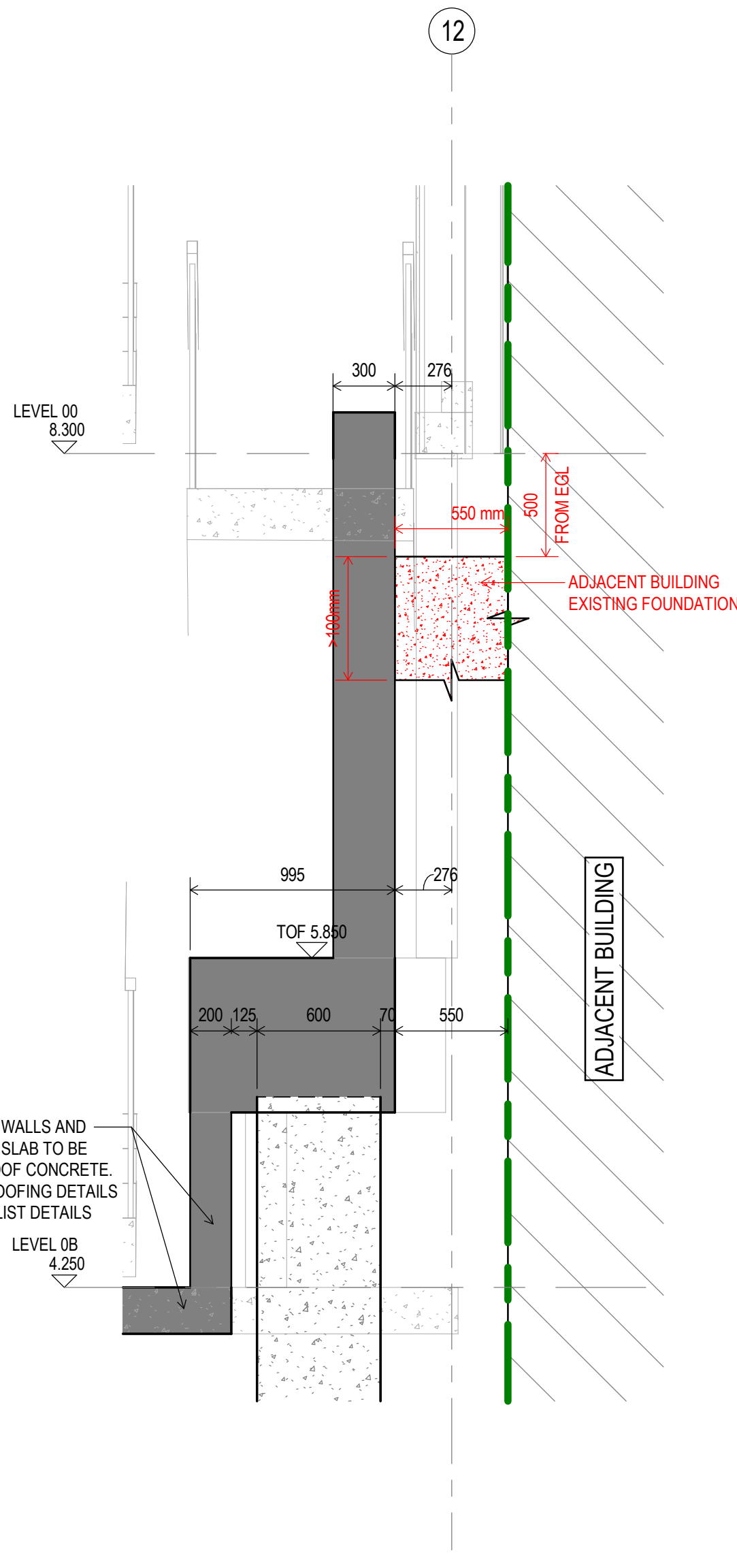
SECTION A THROUGH CAPPING BEAM

1 : 25



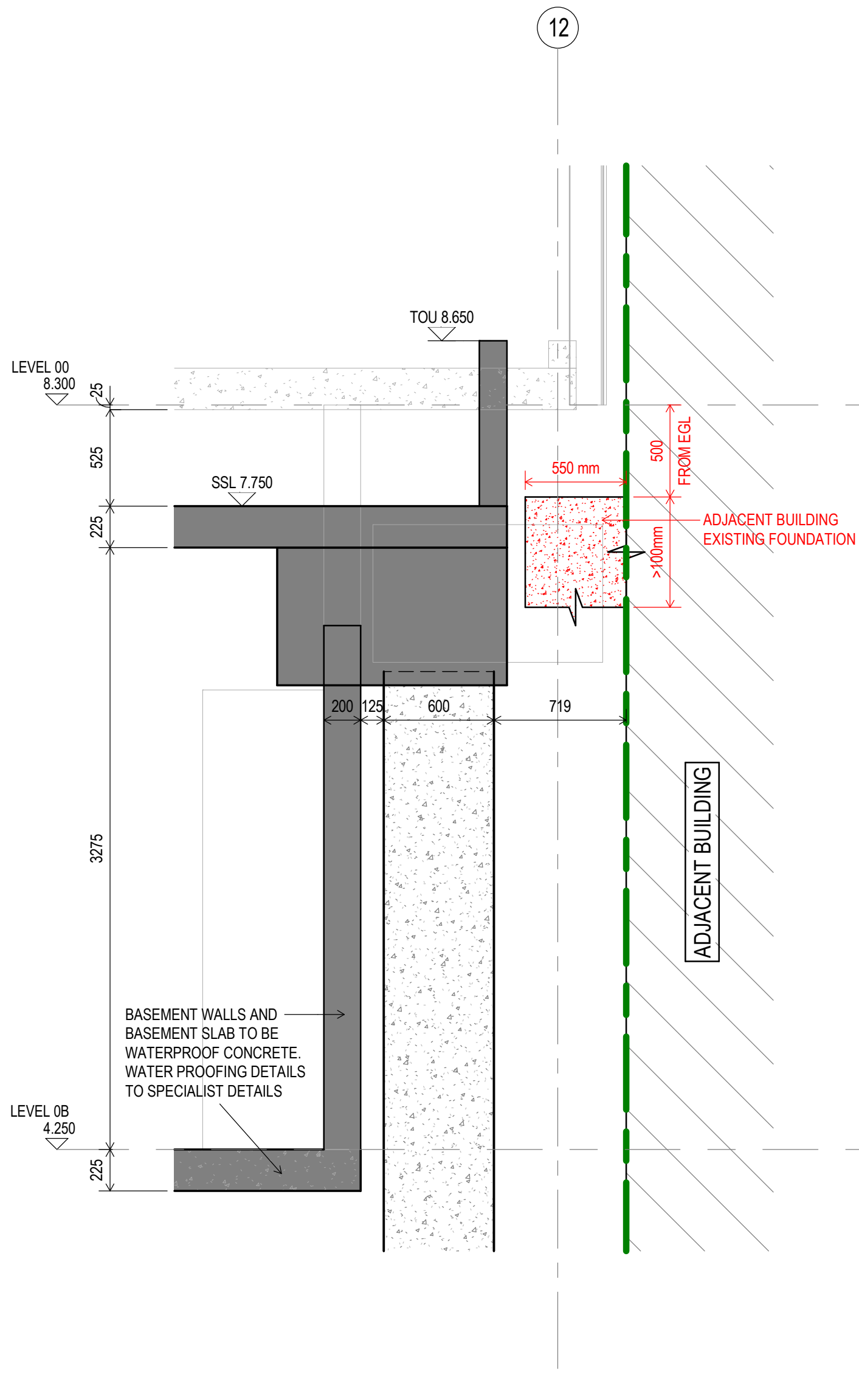
SECTION B THROUGH CAPPING BEAM

1 : 25



SECTION C THROUGH CAPPING BEAM

1 : 25



SECTION D THROUGH CAPPING BEAM

1 : 25

Notes

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT IN WRITING.
- ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES, UNLESS NOTED OTHERWISE.

IN-SITU CONCRETE NOTES

- ALL CONCRETE WORKS SHALL FULLY COMPLY WITH THE REQUIREMENTS OF BS EN 1992-1-1:2004 + A1:2013, BS EN 206:2014 + A1:2013 AND THE LATEST EDITION OF THE NATIONAL STRUCTURAL CONCRETE SPECIFICATION (NSCS) FOR BUILDING CONSTRUCTION.
- CONCRETE GRADE TO BE AS FOLLOWS:
 - REINFORCED FOUNDATIONS - XXX CLASS XXX
 - RETAINING WALLS - XXX CLASS XXX
 - GROUND BEARING SLABS - XXX CLASS XXX
 - SLABS (INTERNAL) - XXX CLASS XXX
 - SLABS (EXTERNAL) - XXX CLASS XXX
 - COLUMNS - XXX CLASS XXX
 - WALLS - XXX CLASS XXX
- 50mm CONCRETE BLINDING IS TO BE PLACED UNDER ALL CONCRETE CAST AGAINST THE GROUND UNLESS NOTED OTHERWISE.
- ALL CONCRETE FACES ARE TO BE CAST AGAINST FORMWORK UNLESS PRIOR CONSENT IS GIVEN BY APEX CONSULTING ENGINEERS.
- REFER TO CORRESPONDING REINFORCEMENT DETAILS DRAWING FOR REQUIRED NOMINAL COVER TO REINFORCEMENT. THE DESIGN REQUIRES THE CONTRACTOR TO HAVE A QUALITY ASSURANCE SYSTEM IN PLACE TO VERIFY THE COVER TO REINFORCEMENT.
- ALL REINFORCEMENT TO BE GRADE 500 CONFORMING TO BS 4449:2005 & SCHEDULED IN ACCORDANCE WITH BS 8666:2005.
- THE CONTRACTOR IS RESPONSIBLE FOR DESIGN AND SUPPLY OF ALL CHAIRS, SPACERS AND/OR SUPPORT BARS AS REQUIRED TO SUPPORT REINFORCEMENT CAGES. THESE ELEMENTS WILL NOT BE SCHEDULED BY APEX CONSULTING ENGINEERS.
- THE CONTRACTOR IS TO AGREE ALL PROPOSED CONSTRUCTION JOINTS WITH THE ENGINEER (OTHER THAN THOSE DETAILED ON APEX CONSULTING ENGINEERS DRAWINGS) PRIOR TO CONSTRUCTION. ALL JOINTS ARE TO BE THOROUGHLY CLEANED, ALL LOOSE CONCRETE/DEBRIS REMOVED AND THE SURFACE ROUGHENED PRIOR TO CONCRETING THE ADJACENT POUR.
- THE DESIGN ASSUMES THAT THE CONTRACTOR WILL ADOPT A POUR SEQUENCE AND JOINT LAYOUT WHICH MINIMISES THERMAL AND SHRINKAGE EFFECTS.
- THE MAXIMUM LENGTH OF TIME PERMITTED BETWEEN POURS IS 4 DAYS.
- THE CONTRACTOR SHOULD ALSO REFER TO ARCHITECTURAL AND RELEVANT BUILDER'S WORK DRAWINGS. APEX CONSULTING ENGINEERS SHOULD BE NOTIFIED OF ANY DISCREPANCIES OR CONFLICTING INFORMATION.
- NO OPENINGS OR HOLES OTHER THAN THOSE SHOWN ON APEX CONSULTING ENGINEERS DRAWINGS ARE PERMITTED WITHOUT PRIOR CONSENT.
- THE CONTRACTOR SHOULD PROVIDE SLEEVES FOR SERVICES THROUGH CONCRETE BEFORE PLACING.
- REINFORCEMENT IS TO BE DETAILED ASSUMING A 150mm HIGH KICKER OF THE SAME STRENGTH CONCRETE AS THAT USED WITHIN THE WALL/COLUMN. APEX CONSULTING ENGINEERS ARE TO BE NOTIFIED IF THIS IS NOT THE CASE.
- REQUIRED CONCRETE FINISHES ARE TO BE CONFIRMED BY THE ARCHITECT.
- REBATES, CHAMFERS, ETC TO EXPOSED CONCRETE CONSTRUCTION TO BE CONFIRMED BY THE ARCHITECT.

REBAR ESTIMATES :

PILE CAPS :	150 kg/m ³
CORE BASES :	150 kg/m ³
GROUND FLOOR SLABS :	130 kg/m ³
TYPICAL SLABS :	120 kg/m ³
(NOTE : TEMPORARY WORKS NOT INCLUDED IN SLAB REBAR ESTIMATES)	
WALLS :	120 kg/m ³
COLUMNS :	230 kg/m ³

C01	27.09.2024	RHa	FOR BUILDING CONTROL APPROVAL	RN
P02	09.09.2024	RS	STAGE 3 ISSUE	RN
P01	09.07.2024	SDB	FIRST ISSUE	JAS
Rev	Date	By	Description	Appd

FOR BUILDING CONTROL APPROVAL



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Client



HADFIELD CAWKWELL DAVIDSON LTD

29-33 THE HALE, TOTTENHAM

Title

SECTIONS THROUGH CAPPING BEAM

Scale As indicated@A1 Date JULY 24

Drawn SDB Checked RN

Revision C01

1305

S-06-201

ENG	BY	CHKD	APPD
TECH	RN	RN	JS
	RHa	DG	