

5 October 2016

141070

Brookfield Multiplex
135 King Street
Sydney NSW 2000

Attention: Kristina Stoffers

Heritage Building South Eastern Zone

Wall Stability Works Associated with Recently Uncovered Site Conditions

Kristina,

Recent site investigations have confirmed the existing masonry walls as per the attached markup are founded at levels substantially higher than level 5. Some walls were found to have no footing and be sitting directly on the loose sands.

Due to the walls being founded at levels higher than expected, the current approved architectural design levels for the finished floor adjacent these walls would undermine the existing foundations. Therefore underpinning is required to ensure the structural integrity of the existing walls are maintained.

Various options of micro piling, conventional underpinning, and ground improvement methods have been investigated, and the most practical, safe, and least invasive method to underpin these walls down to level 5 is with the ground improvement method of jetgrouting.

This will result in the existing loose sands under and behind the walls being transformed into a low strength concrete like structure that will be able to protect and support the existing structure when the proposed works are carried out.

Feel free to contact the undersigned with any queries or comments.

Prepared by
TAYLOR THOMSON WHITTING (NSW) PTY LTD

Reviewed by
TAYLOR THOMSON WHITTING (NSW) PTY LTD



Damon Chudleigh
Structural Engineer



BARRY YOUNG
Director

P:\2014\1410\141070\Letters\160906 Section 75 Ammendment to Eastern Zone.docx

DRAWING REFERENCE SERIES

GA DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING SET

- 1900 SERIES KITCHEN, BATHROOM/ENSUITE & JOINERY DETAILS
- 1700 SERIES KITCHEN, BATHROOM/ENSUITE & JOINERY PLANS
- 1400 SERIES REFLECTED CEILING PLAN
- 1300 SERIES DRYWALL SETOUT PLANS
- 1200 SERIES CONCRETE SETOUT PLAN

BUILDING SERVICES LEGEND

- Hydraulic Riser
- Electrical Riser
- COMMS Riser
- EDB
- NBN
- FF-CON
- FF-CPT.06
- FF-CPT.17
- FF-EXISTING
- FF-ST.01
- FF-TL.24
- FF-TMB.05
- FF-TL.04
- METZ-Tile

REVISIONS		
No.	Date	Description
1	19.12.14	PRELIMINARY
2	23.01.15	WINDOW NOS ADDED
3	29.01.15	METER ROOM ADDED TO LEVEL 5 PLANTER OVER ADJUSTED
4	26.11.15	ISSUED FOR SERVICES COORDINATION
5	19.02.16	GA ISSUE - FLOOR PLANS UPDATED
6	28.02.16	GA ISSUE - FLOOR PLANS UPDATED
7	18.04.16	ISSUED KITCHEN & BATHROOM LAYOUT FOR MARKETING
8	24.05.16	FLOOR PLANS UPDATED
9	27.05.16	UPDATED DOOR NOS FOR ISSUE WITH DOOR SCHEDULE
10	03.08.16	ISSUE FOR COORDINATION
11	22.08.16	ISSUED FOR COORDINATION
12	25.08.16	ISSUED FOR COORDINATION
13	07.09.16	ISSUED FOR COORDINATION

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Presbyterian Aged Care

Brookfield MULTIPLEX

CLIENT:
Brookfield Multiplex Pty Ltd
Level 22, 135 King St
Sydney, NSW 2000

DOCUMENT REVIEW - BROOKFIELD MULTIPLEX

A - Acceptable for Construction

B - Acceptable for Construction subject to comments, Correct & Resubmit

C - Unacceptable for Construction, Correct & Resubmit for Review

D - Drawing on Hold

Reviewed: Date:

These documents have been reviewed for conformity with design intent. Acceptance does not mean approval of dimensions, sizes or weights nor does it relieve the subcontractor and/or the Consultant from responsibility for errors, omissions or compliance with the obligations and/or requirements of the Contract and/or Subcontract.

CONSULTANTS

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HERITAGE ARCHITECT:
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INTERIOR DESIGN:
Gilmore interior design

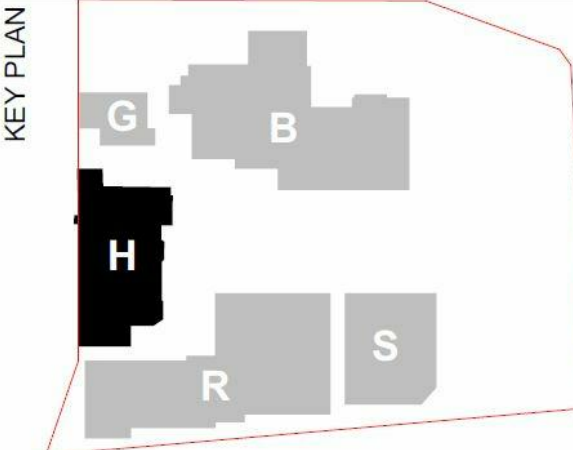
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PROJECT:
The Terraces
Seniors Living and Residential Aged Care Facility
74 Brown Street Paddington NSW 2021

DRAWING TITLE:
LEVEL 5 - PROPOSED FLOOR PLAN

DOCUMENT CONTROL STATUS:

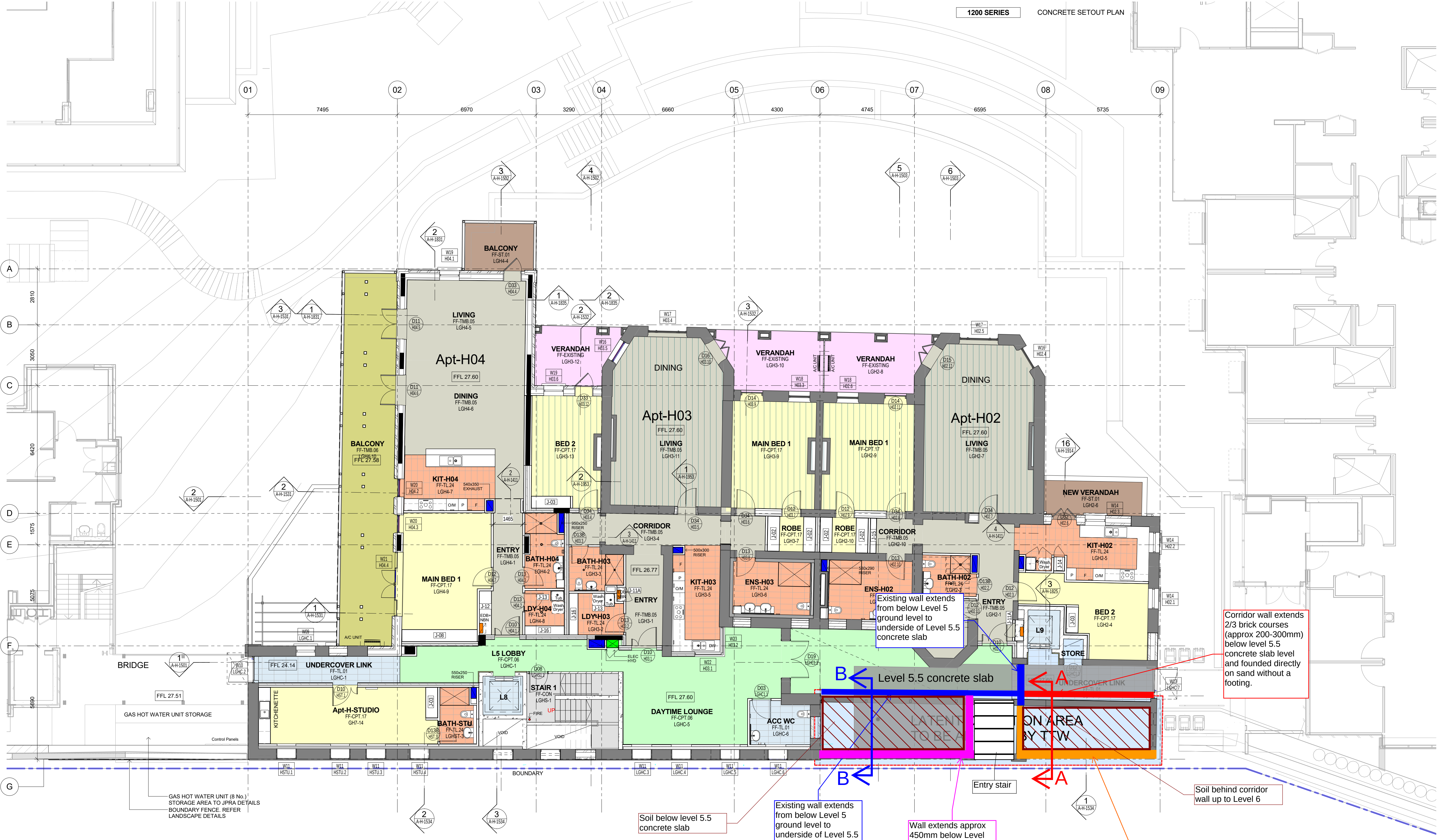
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PROJECT NO:
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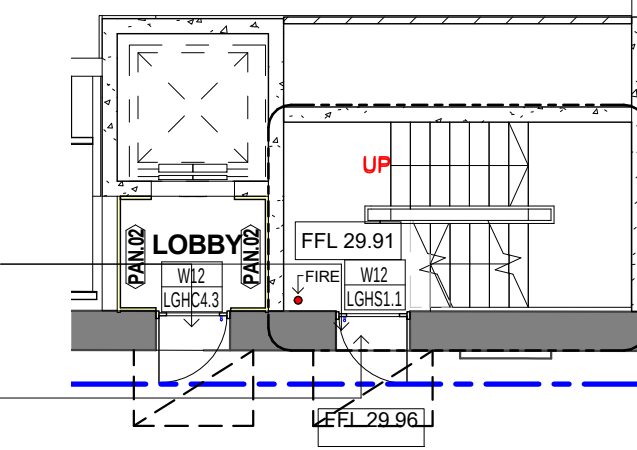
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CM+

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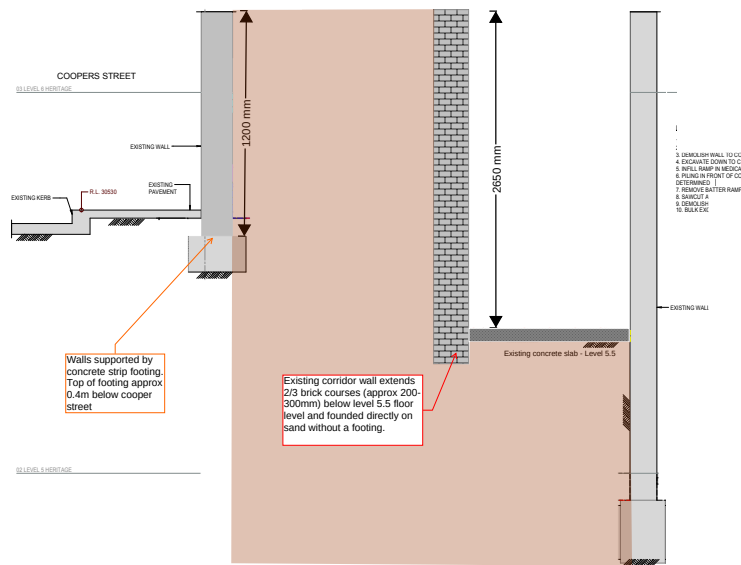
REV:
13



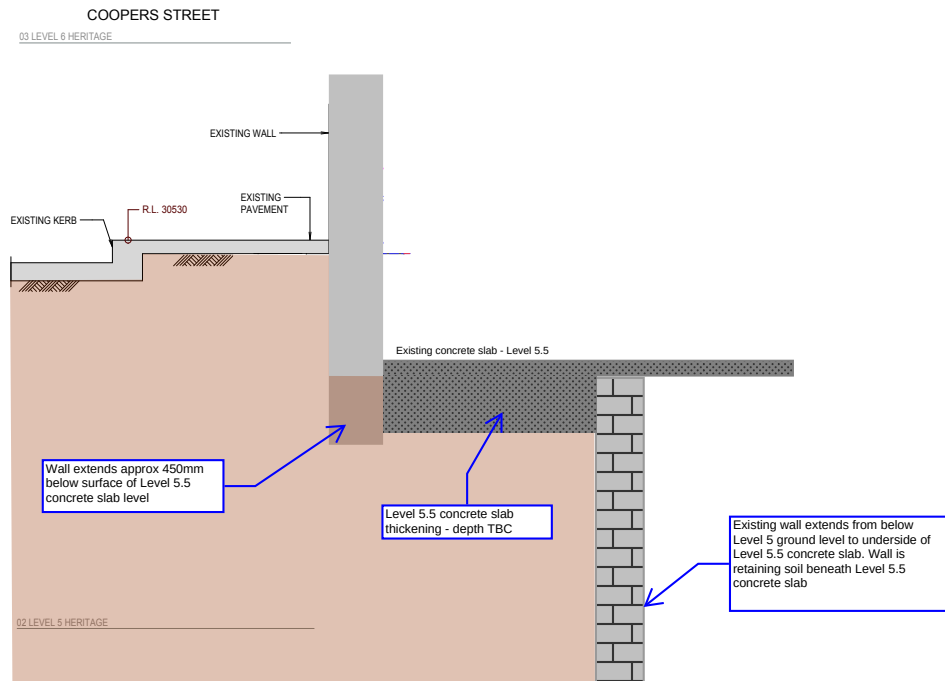
1 | General Arrangement Plan - Level 5 - FFL.27.60
1 : 100



2 | Cooper Street Level
1 : 100



Section A-A



Section B-B

REVISIONS	DESCRIPTION	DATE
1	ISSUED FOR TENDER	14/07/16
2	ISSUED FOR TENDER	14/07/16
3	ISSUED FOR TENDER	14/07/16
4	ISSUED FOR TENDER	14/07/16
5	ISSUED FOR TENDER	14/07/16
6	ISSUED FOR TENDER	14/07/16
7	ISSUED FOR TENDER	14/07/16
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16	ISSUED FOR TENDER	14/07/16
17	ISSUED FOR TENDER	14/07/16
18	ISSUED FOR TENDER	14/07/16
19	ISSUED FOR TENDER	14/07/16
20	ISSUED FOR TENDER	14/07/16

BUILDING SERVICES LEGEND	SYMBOL
Hydraulic Floor	Blue
Electrical Floor	Green
CONCRETE FLOOR	Orange
EDB	Yellow
NON	Grey

DRAWING REFERENCE SERIES	SYMBOL
1000 SERIES	Blue
1700 SERIES	Green
1400 SERIES	Orange
1300 SERIES	Yellow
1200 SERIES	Grey

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Brookfield MULTIPLEX
 CLIENT: Brookfield Multiplex Pty Ltd
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 PROJECT: The Terraces
 74 Brown Street, Paddington, NSW 2021

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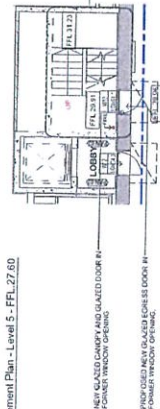
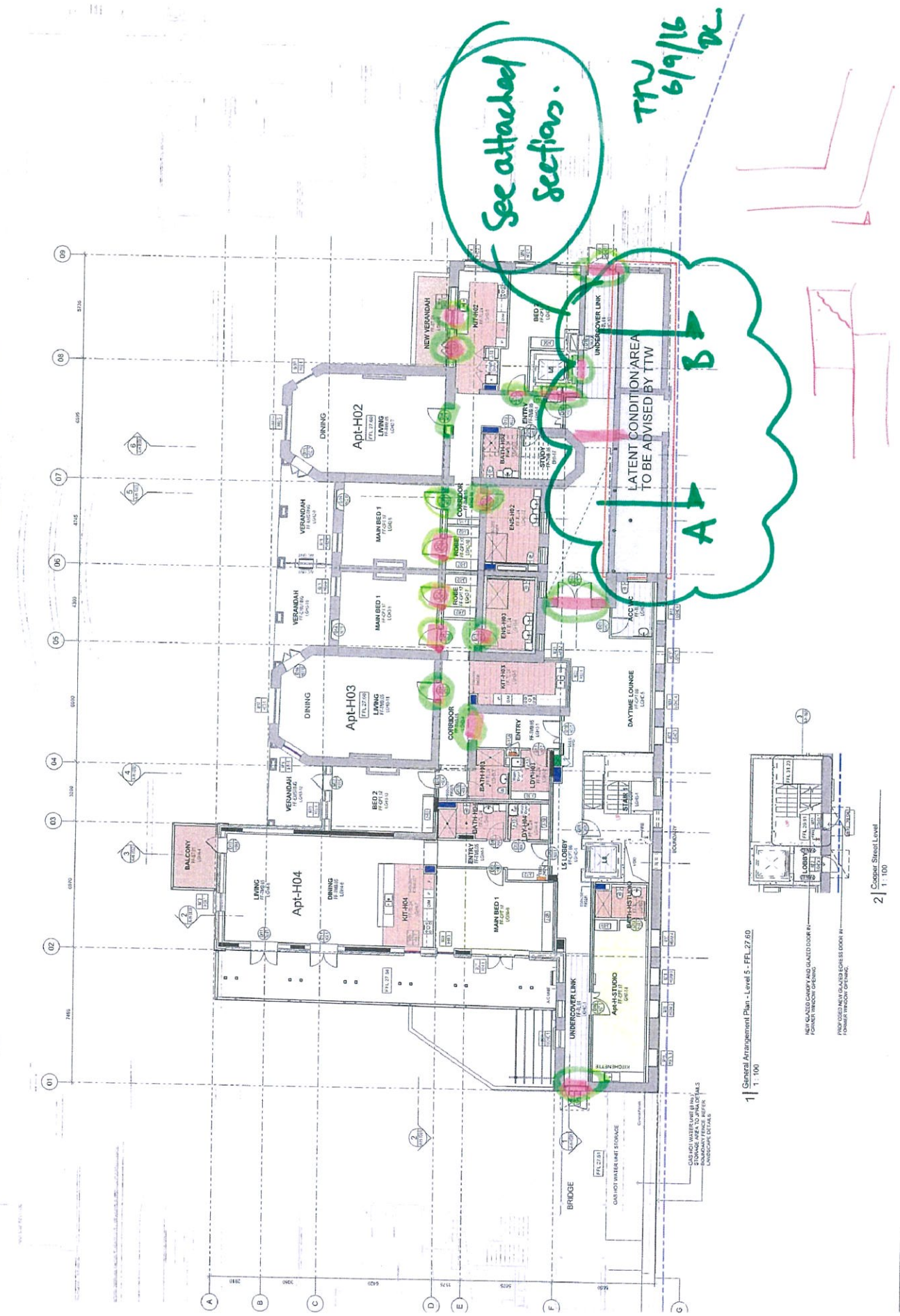
KEY PLAN
 The Terraces
 74 Brown Street, Paddington, NSW 2021

PROJECT:
 The Terraces
 74 Brown Street, Paddington, NSW 2021

DRAWING TITLE:
 LEVEL 5 - PROPOSED FLOOR PLAN
DOCUMENT CONTROL STATUS:
 ISSUED FOR TENDER

PROJECT NO:
 14076
DRAWN BY:
 CM+

SCALE:
 1:100
DRAWING NO:
 RFV



1 | General Arrangement Plan - Level 5 - FFL 27.00
 1:100

2 | Glazed Street Level
 1:100

Project Terraces

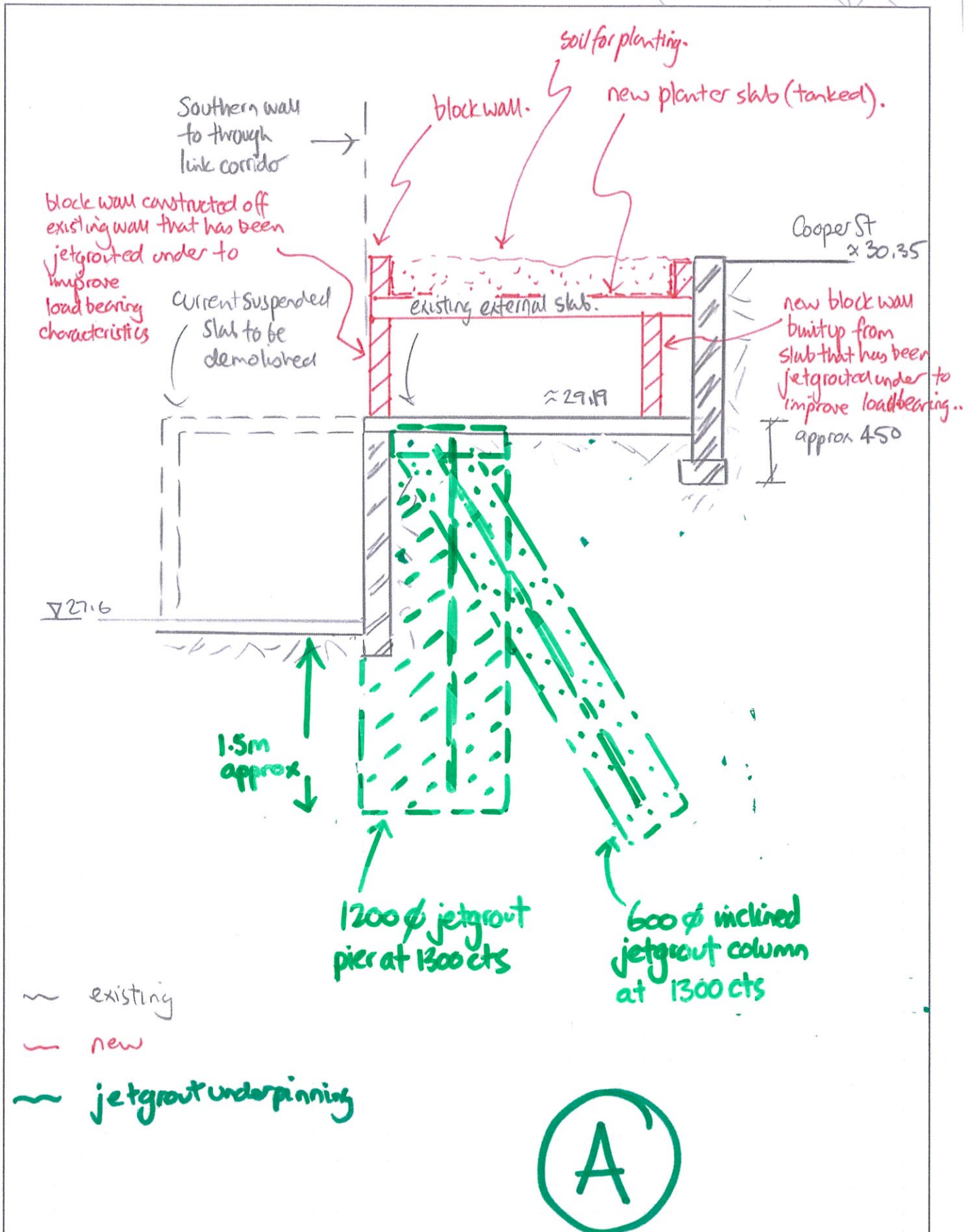
Job No. 141070

Page No. 1

Subject Section

By *me*

Date 6/9/16



Project Perrines

Job No. 141070

Page No. 2

Subject Section

By Drc

Date 6/9/16

