COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE	
WALL LEVEL	COVERS TO REINFORCEMENT
BASEMENT - GROUND	30mm
SUBSTATION	40mm
L1 - ROOF	20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
RC SLABS	40MPa	20	80
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80

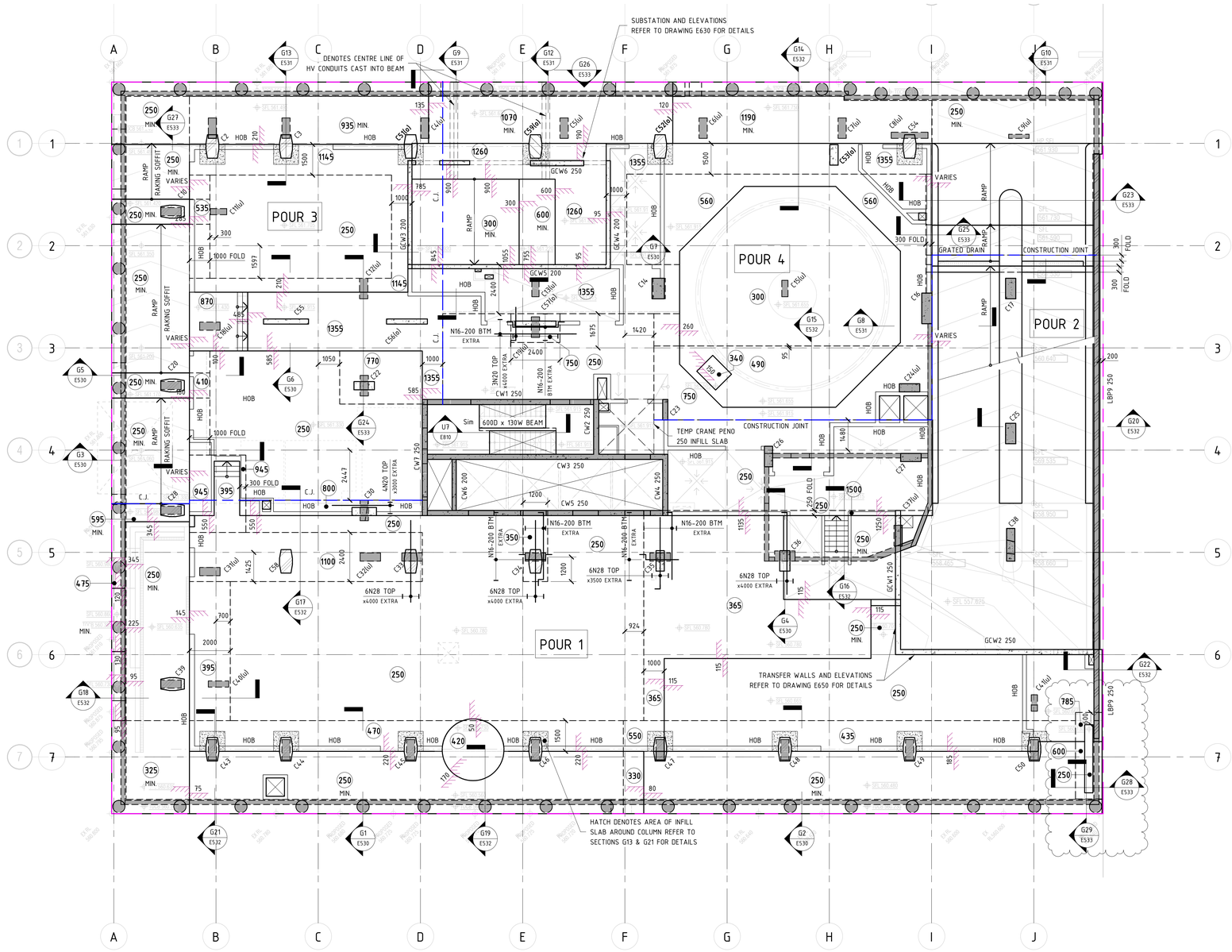
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY 150mm THICK BONDEK SLAB POURED LATER ON BLOCKWORK
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- HOB — DENOTES CONCRETE HOB REFER TO ARCHITECTS DRAWINGS FOR SIZE
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



GROUND FLOOR MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
RAMP DRAWINGS - REFER TO DRAWINGS E080 & E081 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
PRECAST WALLS - REFER TO E600 SERIES DRAWINGS FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING:	FENDER KATSALIDIS /19125 - A1100 - FLOOR PLAN	REV - H

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
O	REVISED AS CLOUDED	DS	02.12.2021	GC
N	REVISED AS CLOUDED	DS	16.11.2021	GC
M	REVISED AS CLOUDED	DS	15.11.2021	AL
L	REVISED AS CLOUDED	DS	03.11.2021	GC
K	REVISED AS CLOUDED	DS	28.10.2021	SS
J	REVISED AS CLOUDED	DS	22.10.2021	GC
I	REVISED AS CLOUDED	DS	15.10.2021	GC
H	REVISED AS CLOUDED	DS	10.09.2021	GC
G	REVISED AS CLOUDED	DS	01.09.2021	GC
F	REVISED AS CLOUDED	DS	17.08.2021	GC
E	REVISED AS CLOUDED	MM	20.07.2021	GC

ARCHITECT / BUILDING DESIGNER
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CHECKED	DS
DESIGNED BY	DS
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CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND FLOOR MARKING PLAN

PROJECT No. 7774

DRAWING No. E203

AMDT 0

BCA certifiers
ABN: 98 118 793 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

NOTE: B1 DRAWING SHEET

NORTH POINT

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80
INFILL SLABS	40MPa	20	80

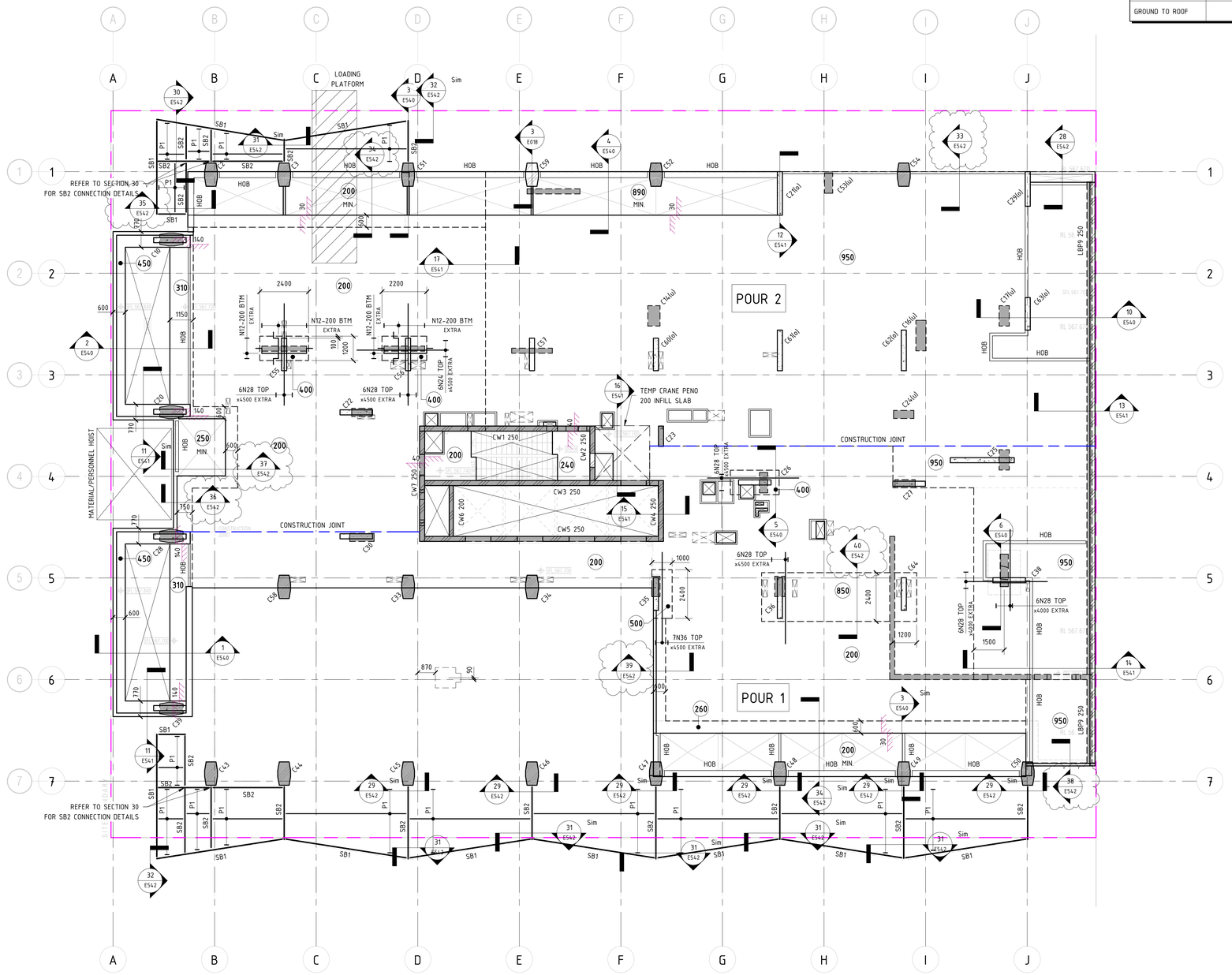
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- DENOTES TEMPORARY HOIST\PUMP PENETRATION
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



LEVEL 1 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
PRECAST WALLS - REFER TO E600 SERIES DRAWINGS FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING:	FENDER KATSALIDIS /19125 - A1101 - CONCRETE SETOUT REV - C

STEEL MEMBER SCHEDULE		
MARK	SIZE	COMMENTS
SB1	250 PFC	STEEL BEAM
SB2	250 UB 37	STEEL BEAM
P1	C20024 PURLINS	@ 1200 CTS SPACING NO

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
K	REVISED AS CLOUDED	DS	18.01.2022	AL
J	REVISED AS CLOUDED	DS	02.12.2021	GC
I	REVISED AS CLOUDED	DS	17.11.2021	GC
H	REVISED AS CLOUDED	DS	16.11.2021	GC
G	REVISED AS CLOUDED	DS	02.11.2021	GC
F	REVISED AS CLOUDED	DS	28.10.2021	SS
E	REVISED AS CLOUDED	DS	22.10.2021	GC
D	ISSUED FOR CONSTRUCTION	DS	10.09.2021	GC
C	REVISED AS CLOUDED	DS	02.09.2021	GC
B	REVISED AS CLOUDED	DS	01.09.2021	GC
A	ISSUE FOR CONSTRUCTION	DS	17.08.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 1 MARKING PLAN

PROJECT No. 7774

DRAWING No. E204

AMDT K

BCA certifies
SUPPORTING DOCUMENTATION FOR BCA APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
ORD

NORTH POINT

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80
INFILL SLABS	40MPa	20	80

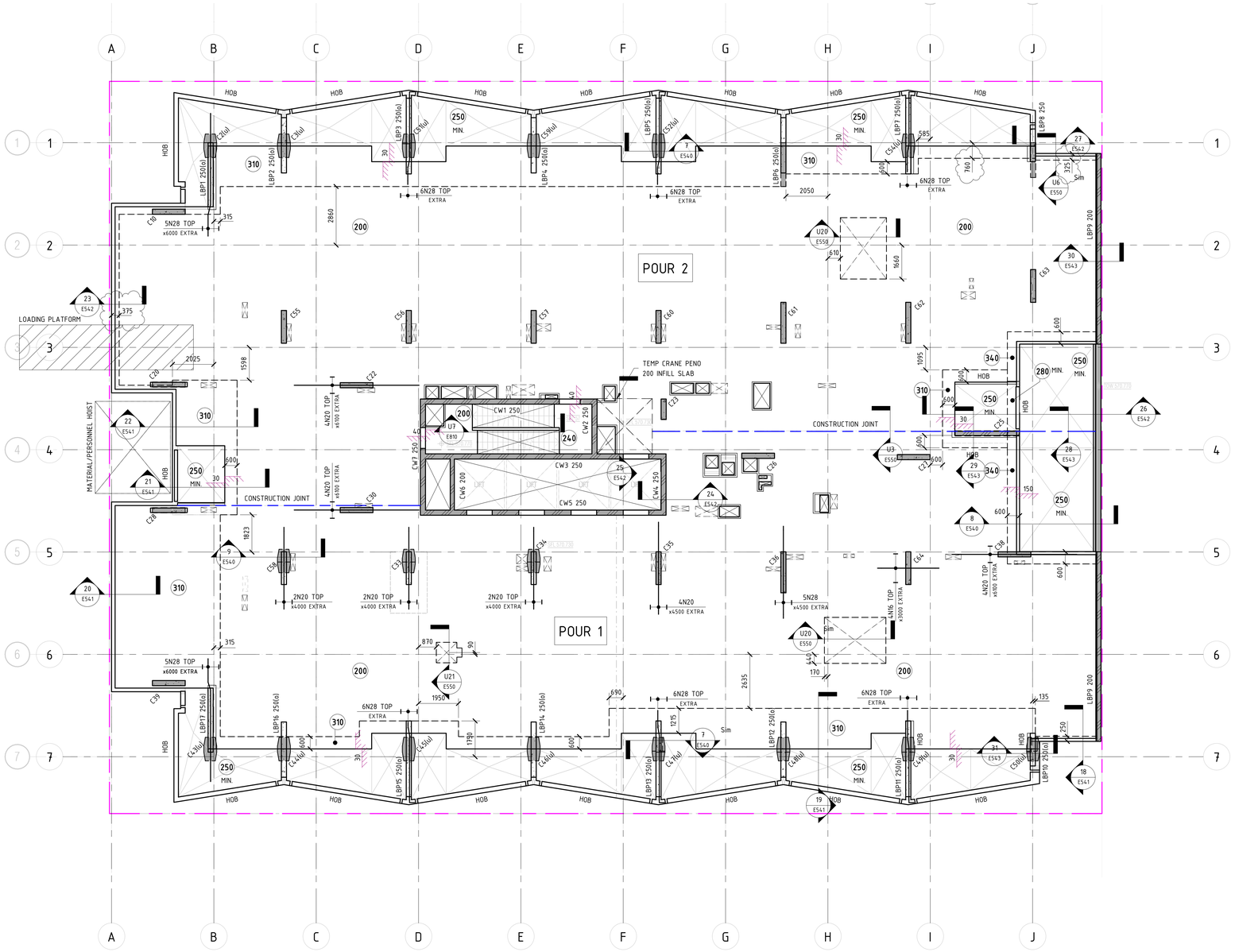
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- DENOTES TEMPORARY HOIST\PUMP PENETRATION
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



LEVEL 2 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
PRECAST WALLS - REFER TO E600 SERIES DRAWINGS FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1102 - CONCRETE SETOUT REV - B

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN 18 110 770 236
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	02.02.2022	AL
E	REVISED AS CLOUDED	DS	27.01.2022	AL
D	REVISED AS CLOUDED	DS	02.12.2021	GC
C	REVISED AS CLOUDED	DS	17.11.2021	GC
B	REVISED AS CLOUDED	DS	16.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
8	ISSUED FOR TENDER	MM	16.06.2021	GC
7	ISSUED FOR TENDER	MM	13.04.2021	GC
6	ISSUED FOR TENDER	MM	19.03.2021	GC
5	ISSUED FOR TENDER	MM	04.03.2021	GC
4	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 2 MARKING PLAN

PROJECT No. 7774

DRAWING No. E205

AMDT F

NORTH POINT

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80
INFILL SLABS	40MPa	20	80

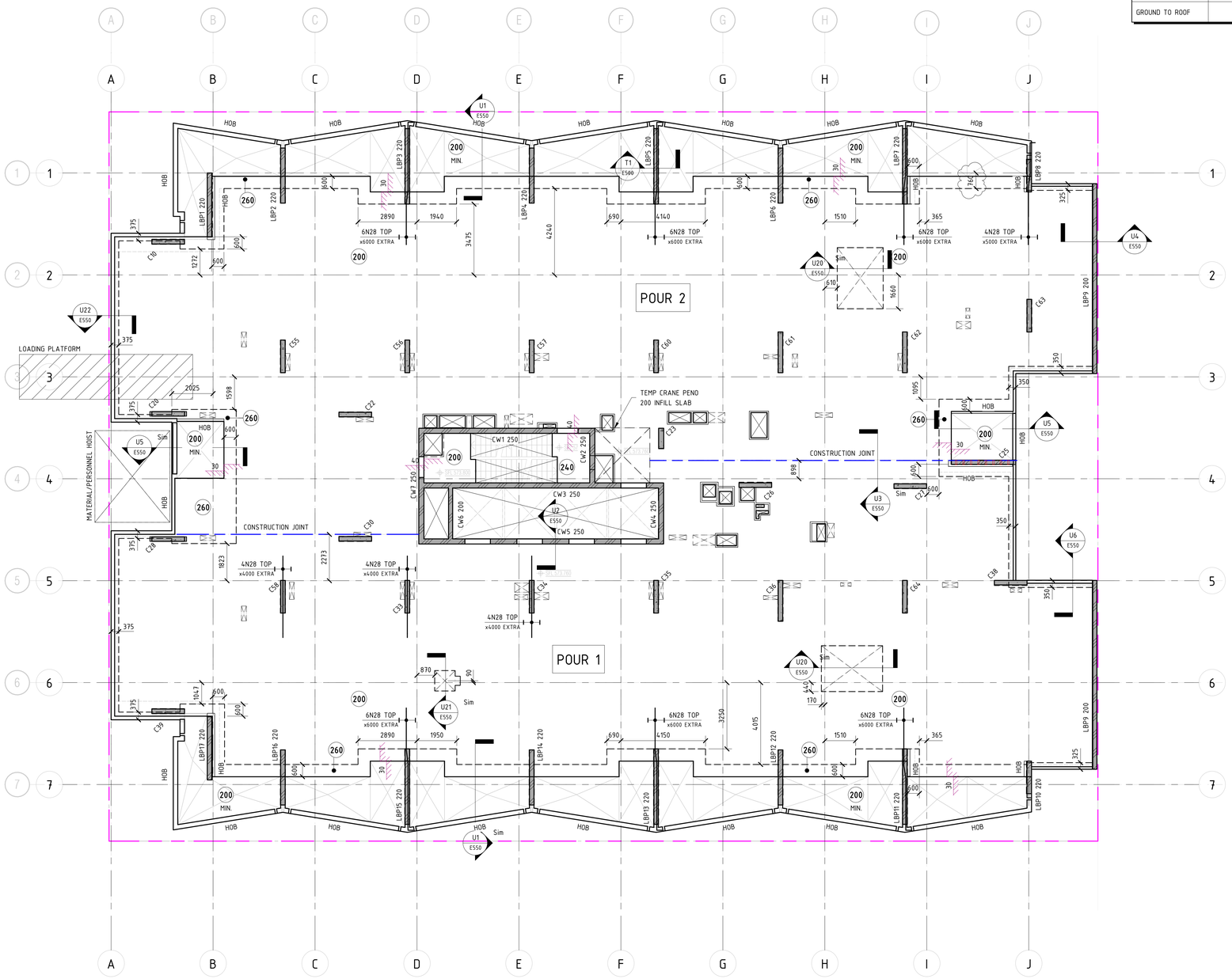
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- DENOTES TEMPORARY HOIST\PUMP PENETRATION
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



LEVEL 3 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
PRECAST WALLS - REFER TO E600 SERIES DRAWINGS FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1103 - CONCRETE SETOUT REV - B
EVOLUTION PRECAST/21082 - MP03 - MARKING PLAN
EVOLUTION PRECAST/21082 - DP03 - DOWEL LAYOUT

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 98 110 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	02.02.2022	AL
E	REVISED AS CLOUDED	DS	01.02.2022	AL
D	REVISED AS CLOUDED	DS	02.12.2021	GC
C	REVISED AS CLOUDED	DS	17.11.2021	GC
B	REVISED AS CLOUDED	DS	16.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
8	ISSUED FOR TENDER	MM	16.06.2021	GC
7	ISSUED FOR TENDER	MM	13.04.2021	GC
6	ISSUED FOR TENDER	MM	19.03.2021	GC
5	ISSUED FOR TENDER	MM	04.03.2021	GC
4	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 3 MARKING PLAN

PROJECT No. 7774

DRAWING No. E206

AMDT F

NORTH POINT

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80
INFILL SLABS	40MPa	20	80

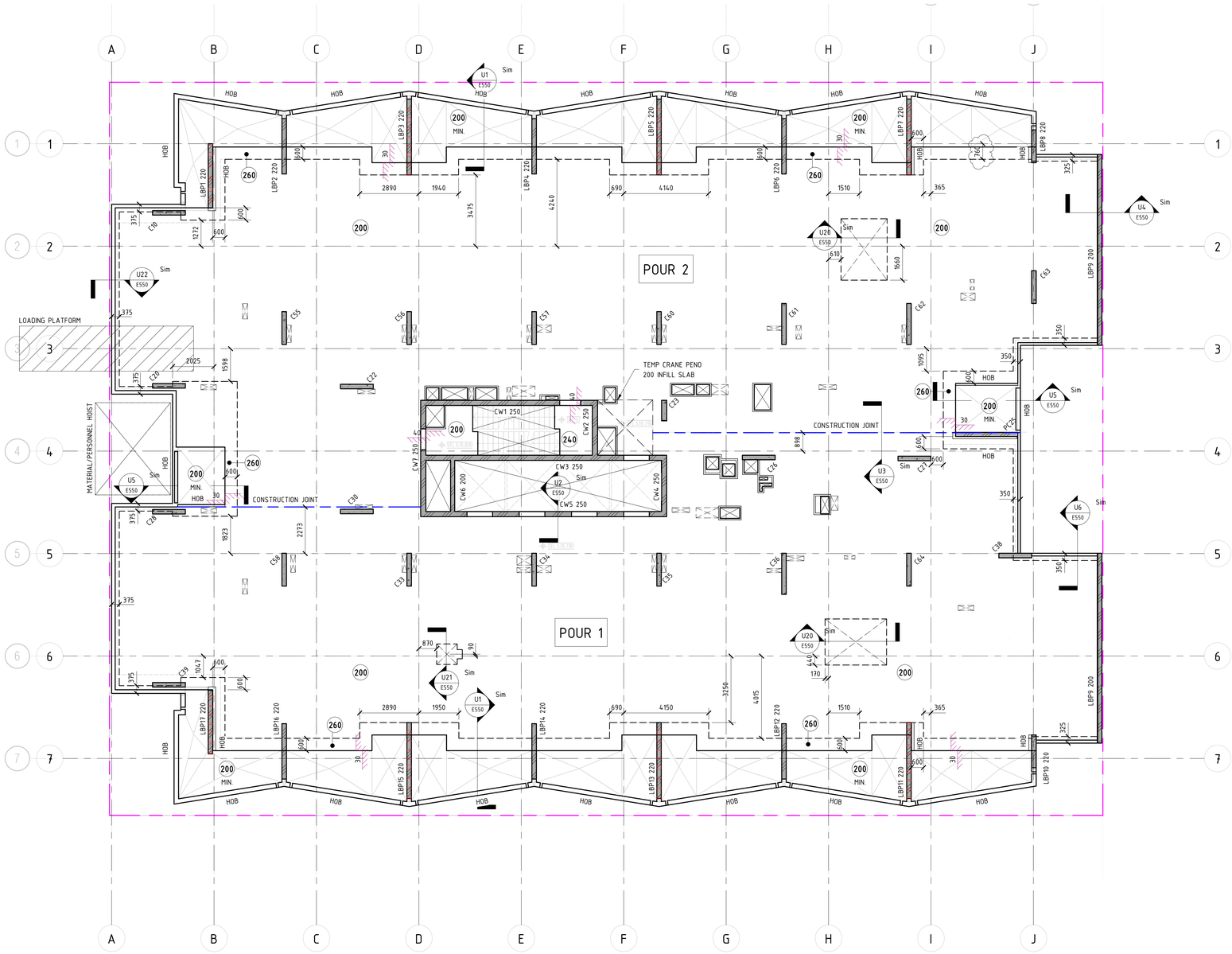
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- DENOTES TEMPORARY HOIST\PUMP PENETRATION
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



LEVEL 4 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
PRECAST WALLS - REFER TO E600 SERIES DRAWINGS FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1104 - CONCRETE SETOUT REV - B
EVOLUTION PRECAST/21082 - MP04 - MARKING PLAN
EVOLUTION PRECAST/21082 - DP04 - DOWEL LAYOUT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	02.02.2022	AL
E	REVISED AS CLOUDED	DS	01.02.2022	AL
D	REVISED AS CLOUDED	DS	02.12.2021	GC
C	REVISED AS CLOUDED	DS	17.11.2021	GC
B	REVISED AS CLOUDED	DS	16.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
8	ISSUED FOR TENDER	MM	16.06.2021	GC
7	ISSUED FOR TENDER	MM	13.04.2021	GC
6	ISSUED FOR TENDER	MM	19.03.2021	GC
5	ISSUED FOR TENDER	MM	04.03.2021	GC
4	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 8267 2888 Fax: (02) 8267 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 4 MARKING PLAN

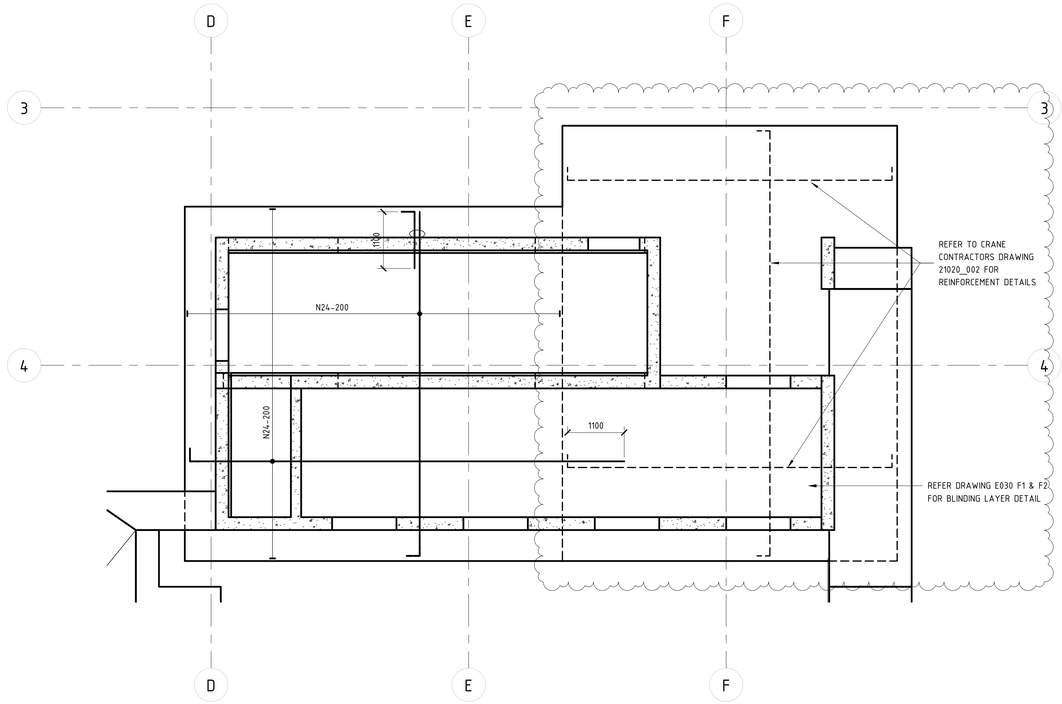
PROJECT No. 7774

DRAWING No. E207

AMDT F

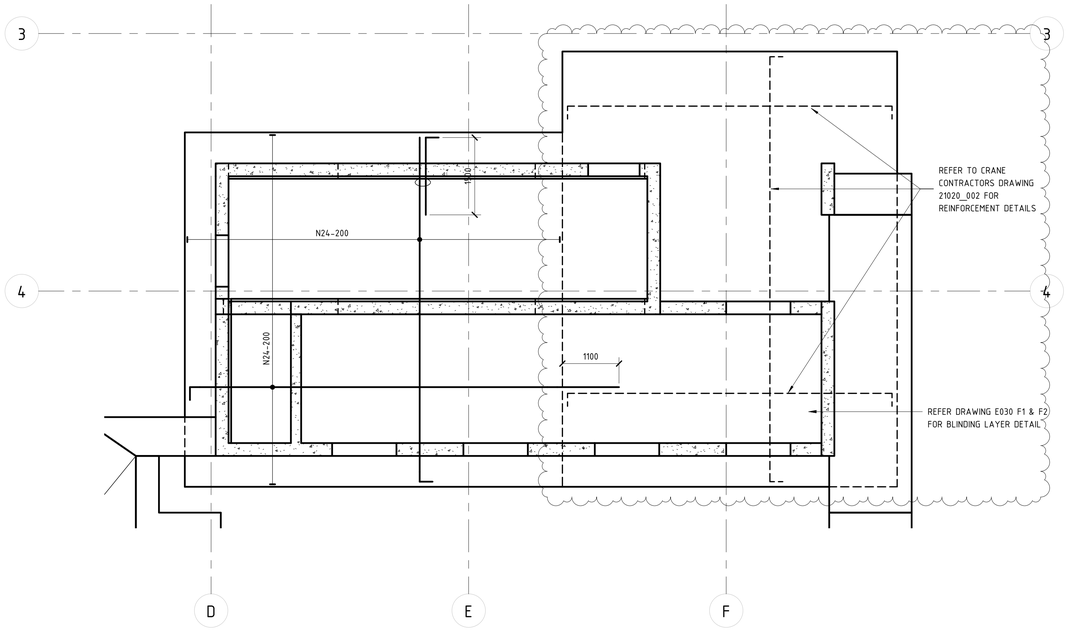
BCA certifiers
ABN: 58 133 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

NORTH POINT



BOTTOM REINFORCEMENT PLAN

SCALE 1 : 50 @ B1



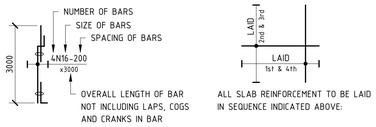
TOP REINFORCEMENT PLAN

SCALE 1 : 50 @ B1

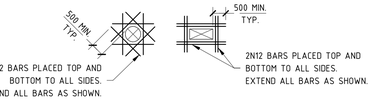
NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

REINFORCEMENT NOTES

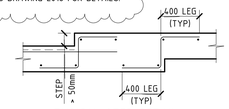
1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS. GRADE 500N
2. ALL BARS DENOTED AS 'R' (eg. R10) SHALL BE ROUND BARS. GRADE 250N
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS. GRADE 500N
4. ALL REINFORCEMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



6. DENOTES PAN REINFORCEMENT REQUIRED. REFER TO S002 FOR SIZE AND LAYOUT OMITTED FROM PLAN FOR CLARITY PURPOSES.
7. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
8. REFER TO TYPICAL STEP DOWN DETAILS FOR ADDITIONAL REINFORCEMENT N.S.O.P.
9. CONSTRUCTION MESH REQUIRED IN BEAM OR SLAB DEPTHS GREATER THAN 300mm IS NOT TO BE ACCOUNTED FOR AS PART OF THE PT DESIGN
10. DENOTES SL82 MESH TOP ADDITIONAL TO ALL EXTERNAL AREAS U.N.O.
11. DENOTES BAR COUPLERS TO BE USED AT TEMPORARY HOIST AND CRANE PENETRATION LOCATIONS.
12. PROVIDE TRIMMER BAR REINFORCEMENT ONLY WHERE A PENETRATION IS GREATER THAN 300mm x 300mm AND UP TO AND INCLUDING 900mm x 900mm. SUCH PENETRATIONS SHALL HAVE THE FOLLOWING MIMIMUM REINFORCEMENT SHOWN BELOW



13. PROVIDE N12-900 DISTRIBUTION BARS WHERE NECESSARY TO SUPPORT MAIN REINFORCEMENT. REFER TO BELOW BAR LAYING SEQUENCE.
14. STARTER BARS DETAILS – REFER TO DRAWING E018 FOR DETAILS.



TYPICAL STEP DETAIL

BAR LAP & ANCHORAGE

BAR	LAP LENGTH	
	WHERE CONC. BELOW BAR IS LESS THAN OR EQUAL TO 300	WHERE CONC. BELOW BAR IS GREATER THAN 300
N12	500	700
N16	700	900
N20	900	1200
N24	1100	1500
N28	1400	1800
N32	1600	2100
N36	1800	2300

NOTE:
ALL LAPS TO BE CONTACT SPLICES

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 128 755 754
SUPPORTING DOCUMENTATION – BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	17.08.2021	GC
B	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
A	ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC

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CONSULT AUSTRALIA

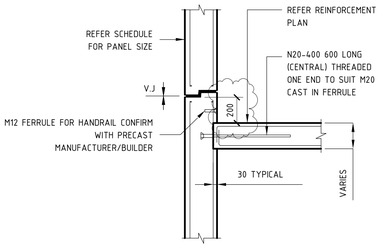
APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

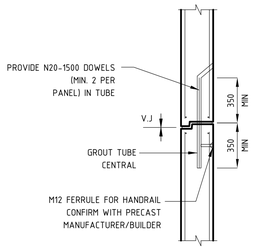
DRAWING TITLE
LIFT/STAIR AND CRANE FOUNDATION REINFORCEMENT PLANS

NORTH POINT

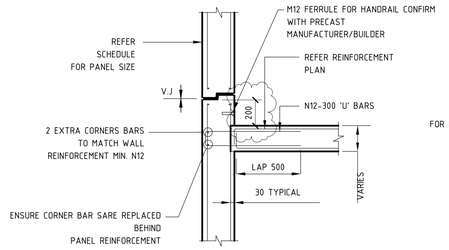
PROJECT No. 7774
DRAWING No. E400
AMDT C



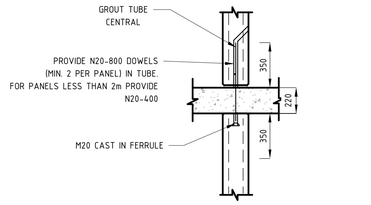
SUSPENDED SLAB TO PANEL FERRULE DETAIL



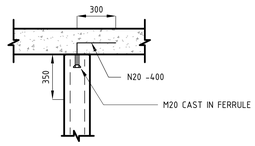
TYPICAL PANEL DOWEL JOINT DETAIL



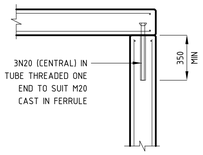
SUSPENDED SLAB TO PRECAST PULL OUT BEAM DETAIL



TYPICAL PRECAST/SLAB DETAIL



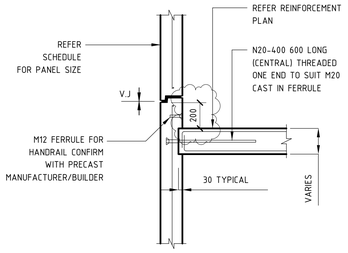
TYPICAL PRECAST TERMINATION DETAIL



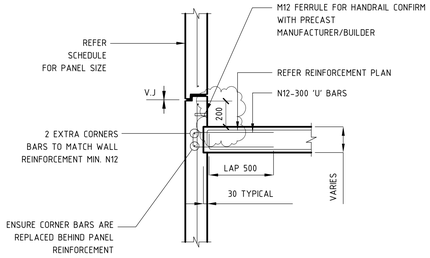
LIFT/STAIR SHAFT LID DETAIL

PRECAST REINFORCEMENT - DOUBLE LAYER

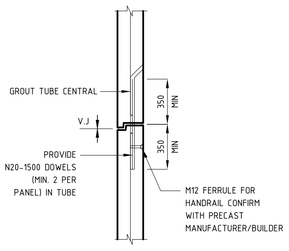
SCALE 1:20



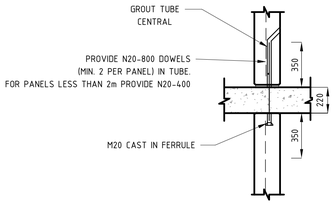
SUSPENDED SLAB TO PANEL FERRULE DETAIL



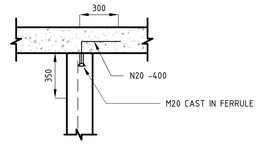
SUSPENDED SLAB TO PRECAST PULL OUT BEAM DETAIL



PANEL DOWEL JOINT DETAIL



TYPICAL PRECAST/SLAB DETAIL



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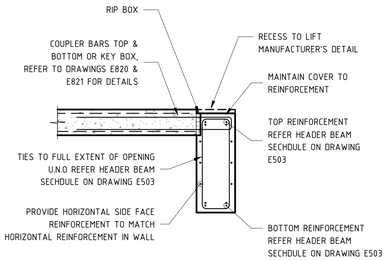
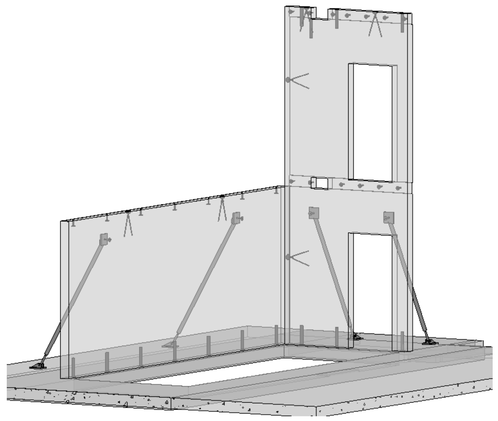


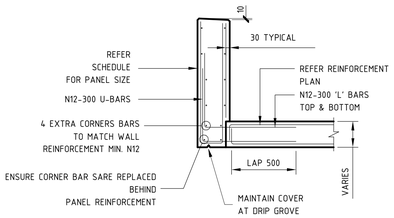
TIE ARRANGEMENT TYPE 1

PRECAST REINFORCEMENT - SINGLE LAYER

SCALE 1:20

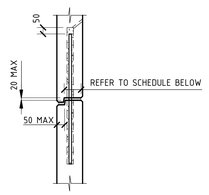


TYPICAL 3D PRECAST WALL PERSPECTIVE



SIDE OF SLAB PULL OUT BARS DETAIL

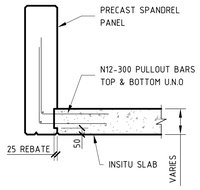
SUSPENDED SLAB TO PRECAST BALUSTRADE DETAILS



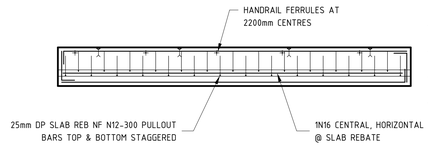
TYPICAL PANEL SHIPLAP DETAIL

SCALE 1:20

MINIMUM PRECAST DIMENSIONS AT JOINT	
PANEL THICKNESS	'X' (MINIMUM BEARING)
200	130
220	150
250	180

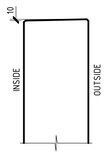


SECTION



ELEVATION

TYPICAL PRECAST BALUSTRADE DETAIL



STANDARD PARAPET DETAIL

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
6	REVISED AS CLOUDED	DS	15.09.2021	GC
5	ISSUED FOR TENDER	MM	06.07.2021	GC
4	ISSUED FOR TENDER	MM	16.06.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL PRECAST WALL DETAILS

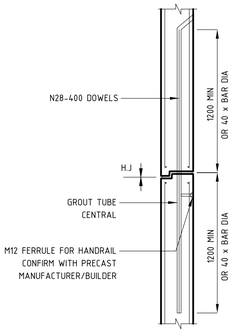
PROJECT No. 7774

DRAWING No. E500

AMDT A

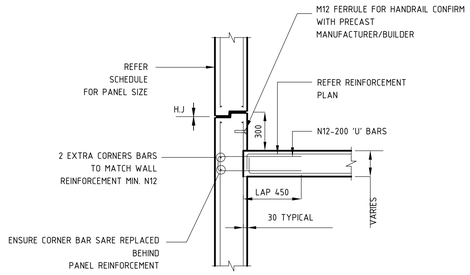
BCA certifies
ABN: 58 118 759 734
SUPPORTING DOCUMENTATION - FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBD

NORTH POINT



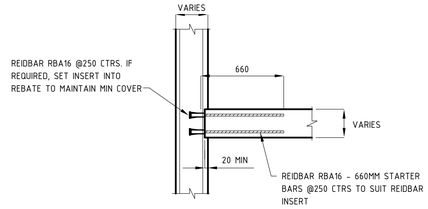
TYPICAL STAIR/SHEAR WALL DOWEL JOINT DETAIL

DENOTES PRECAST SHEAR WALL ON ELEVATIONS



SUSPENDED SLAB TO PRECAST PULL OUT BEAM DETAIL

DENOTES PRECAST SHEAR WALL ON ELEVATIONS

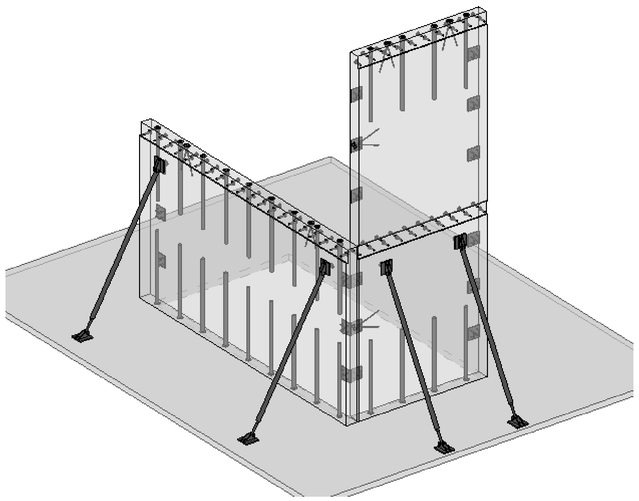


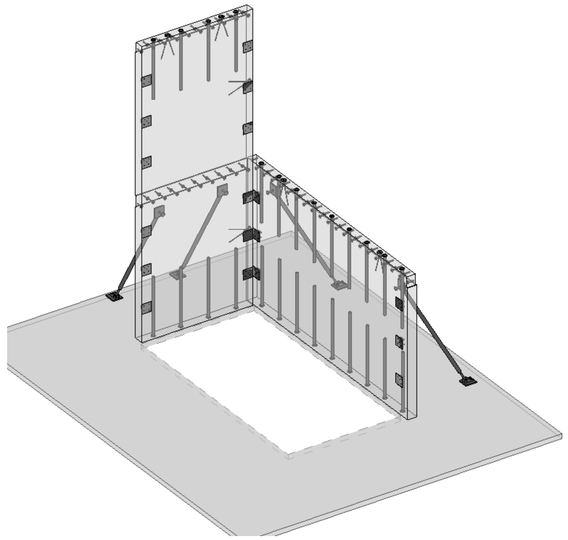
TYPICAL SLAB TO PRECAST SHEAR WALL DETAIL

DENOTES PRECAST SHEAR WALL ON ELEVATIONS

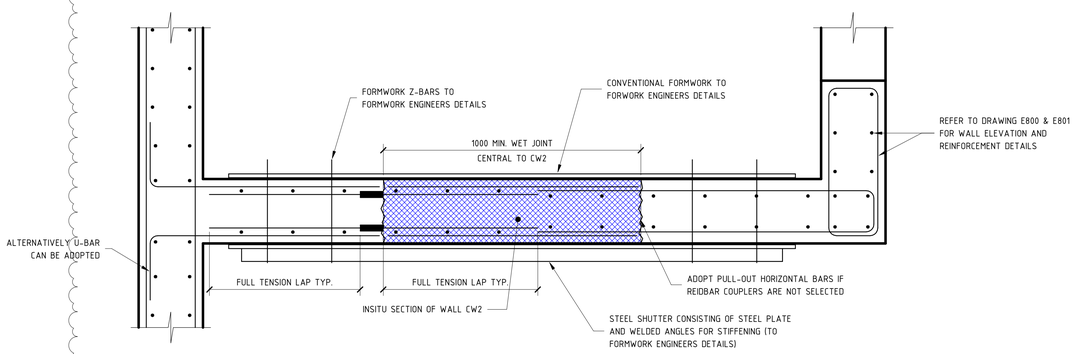
REIDBAR SCHEDULE

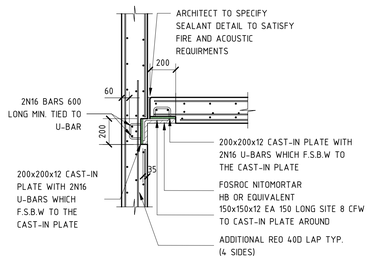
REIDBAR PRODUCT	PART NO.	BAR TYPE	LENGTH (MM)	MIN YIELD (KN)	CHAR. STRENGTH (KN)	BODY DIA. (MM)	FOOT DIA. (MM)	THREADED DEPTH (MM)	CROSS HOLE DIA. (MM)
STARTERS	RBA16SB	RBA16	660	100.6					
REBATE INSERTS TO SUIT (RBA16)	RBA16RI		96		>14.1	30	51	47	14.5



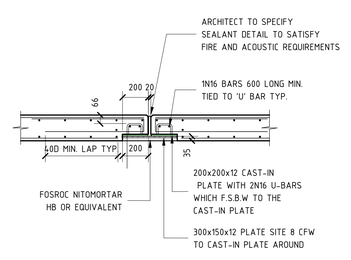


TYPICAL 3D PRECAST SHEAR WALL PERSPECTIVES

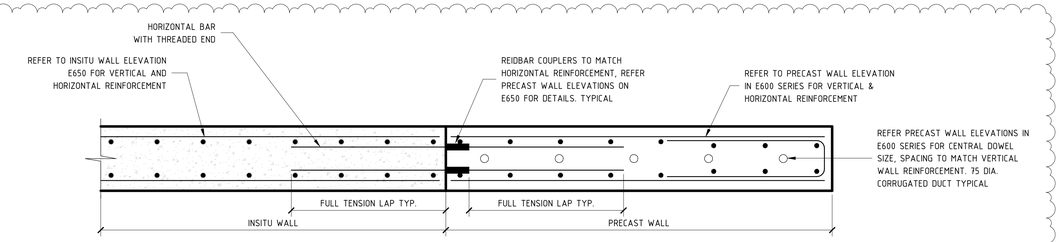




TYPICAL STITCH PLATE PANEL CONNECTIONS

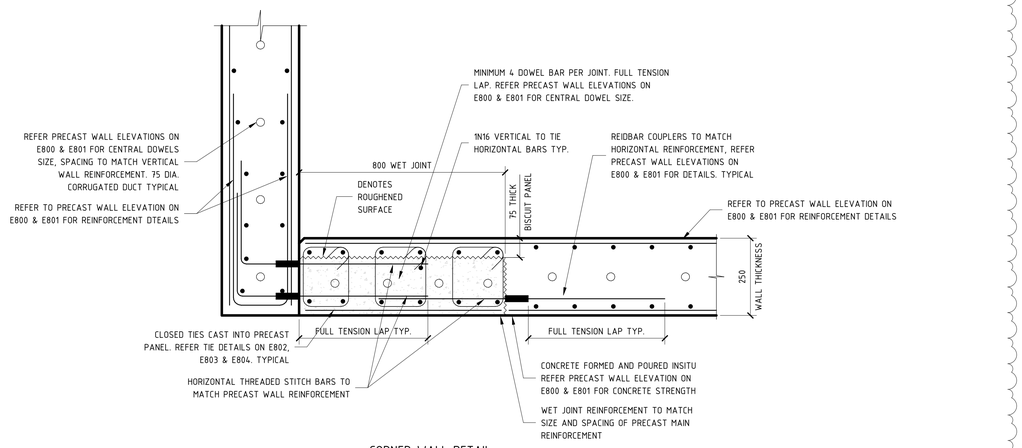


TYPICAL STITCH PLATE PANEL CONNECTIONS

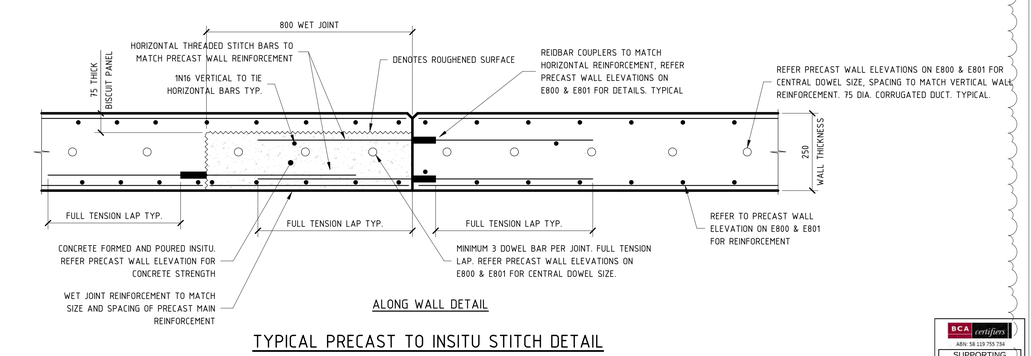


TYPICAL PRECAST TO INSITU STITCH DETAIL

SCALE 1:10 @ B1



CORNER WALL DETAIL



ALONG WALL DETAIL

TYPICAL PRECAST TO INSITU STITCH DETAIL

SCALE 1:10 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers ABN: 58 110 779 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	FH	11.10.2021	AL
A	ISSUED FOR CONSTRUCTION	FH	06.10.2021	AL
4	ISSUED FOR TENDER	MM	06.07.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
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1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

DRAWING TITLE
TYPICAL PRECAST SHEAR WALL DETAILS

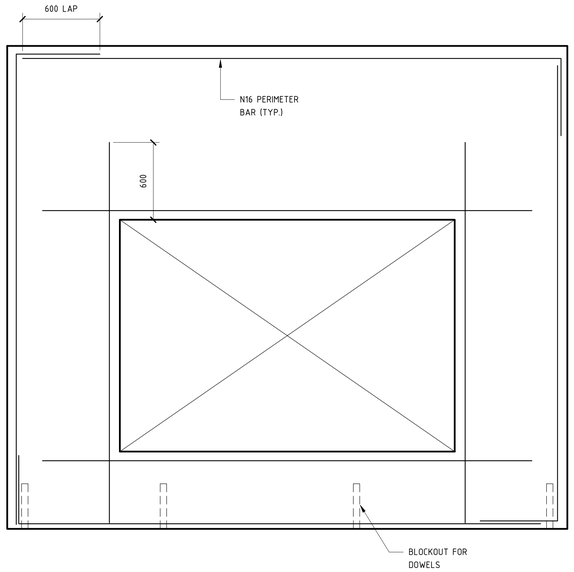
NORTH POINT

PROJECT No. 7774

DRAWING No. E501

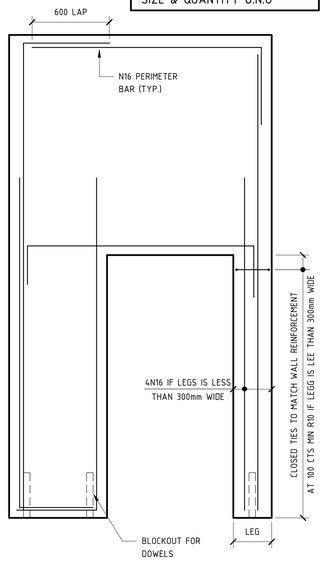
AMDT B

REFER TO PRECAST WALL SCHEDULE FOR REINFORCEMENT SIZE & QUANTITY U.N.O



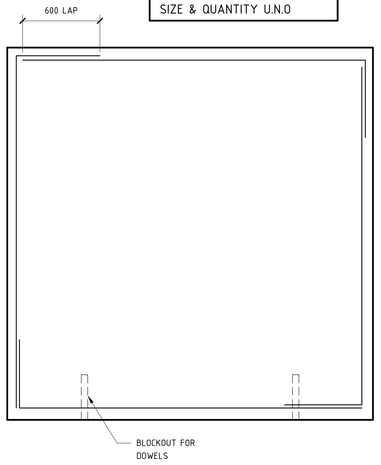
TYPICAL PRECAST WITH OPENING
SCALE 1:20

REFER TO PRECAST WALL SCHEDULE FOR REINFORCEMENT SIZE & QUANTITY U.N.O

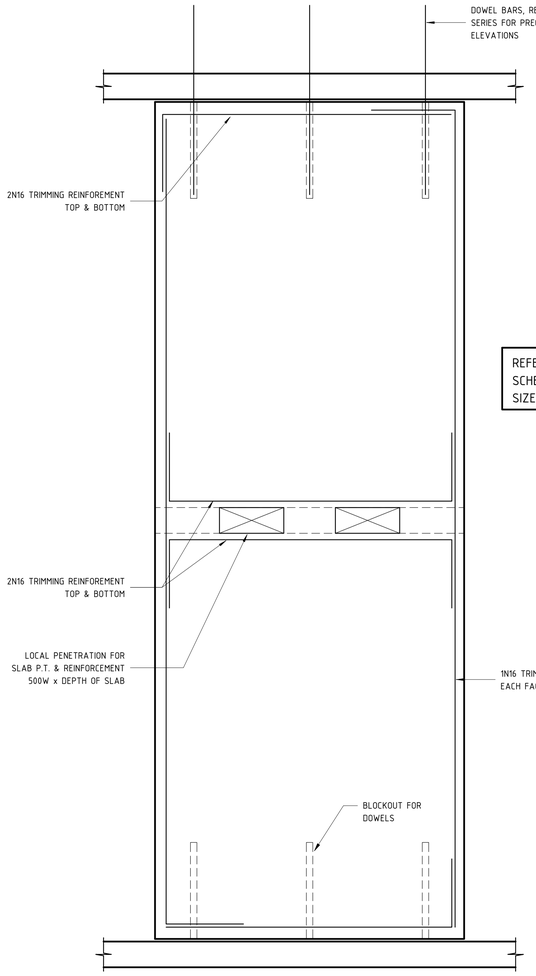


TYPICAL PRECAST WITH DOOR OPENING
SCALE 1:20

REFER TO PRECAST WALL SCHEDULE FOR REINFORCEMENT SIZE & QUANTITY U.N.O

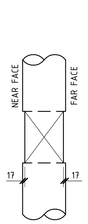


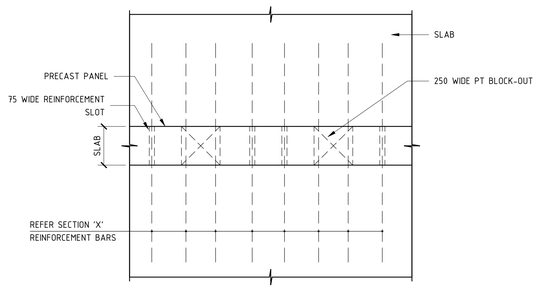
TYPICAL PRECAST PANEL
SCALE 1:20



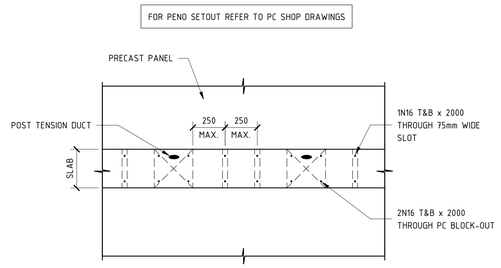
REFER TO PRECAST WALL SCHEDULE FOR REINFORCEMENT SIZE & QUANTITY U.N.O

TYPICAL PRECAST PANEL
SCALE 1:20





DETAIL



SECTION 'X'

ADDITIONAL SLAB REINFORCEMENT DETAIL THROUGH PC WALL BLOCK-OUTS & SLOTS

NOTE: MAX 250mm BETWEEN 2 REINFORCEMENT SLOTS OR BETWEEN REINFORCEMENT SLOT AND PT BLOCK-OUT OR WALL EDGE OR SLAB EDGE

No.	AMENDMENT	APPROVED	DATE	AMEND BY
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
4	ISSUED FOR TENDER	MM	16.06.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
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Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

INDESCO
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www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL PRECAST PANEL LAYOUTS

PROJECT No. 7774

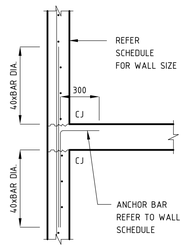
DRAWING No. E502

AMDT A

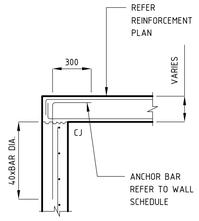
NORTH POINT

BCA certifiers
ABN: 94 128 755 754
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Stage 12
CW

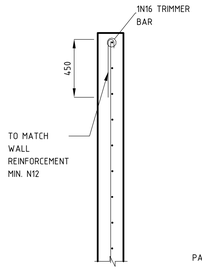
NOTE: B1 DRAWING SHEET



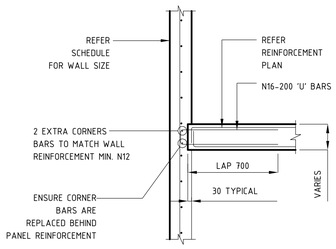
TYPICAL SPLICE DETAIL AT FLOOR LEVEL



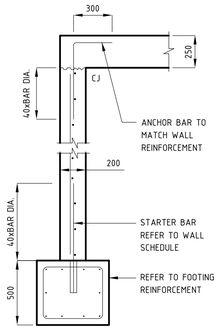
TYPICAL TOP OF WALL AT SLAB DETAIL



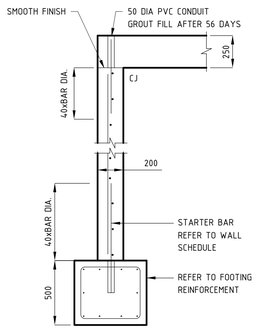
TYPICAL END OF WALL DETAIL



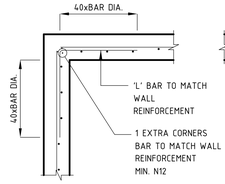
TYPICAL CAST IN/REBATE DETAIL (RIP BOX)



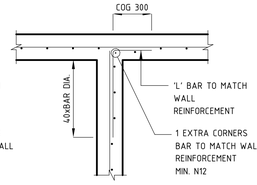
WALL FOOTING DETAIL
NON ISOLATED



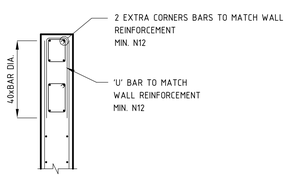
WALL FOOTING DETAIL
ISOLATED



CORNER DETAIL



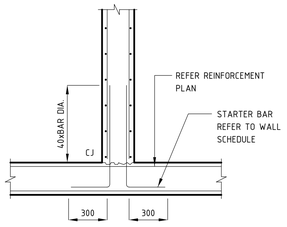
JUNCTION DETAIL



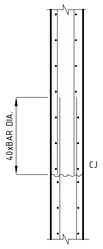
END DETAIL

INSITU WALL DETAILS - SINGLE LAYER

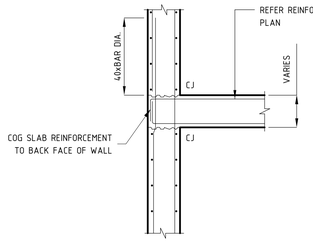
SCALE 1:20



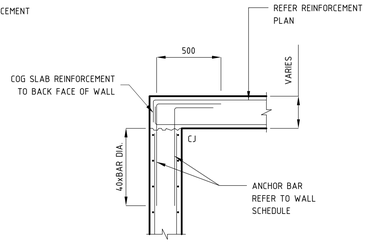
TYPICAL BUILT OFF SLAB DETAIL



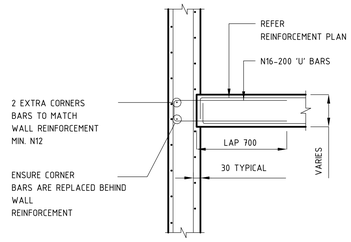
TYPICAL INTERMEDIATE SPLICE DETAIL



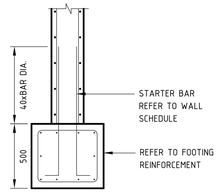
TYPICAL SPLICE AT FLOOR LEVEL



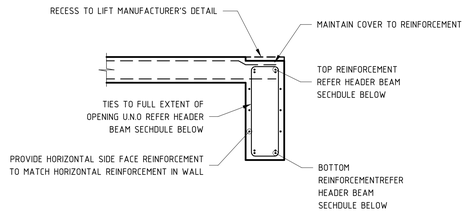
TYPICAL TOP OF WALL AT SLAB DETAIL



TYPICAL CAST IN/REBATE DETAIL



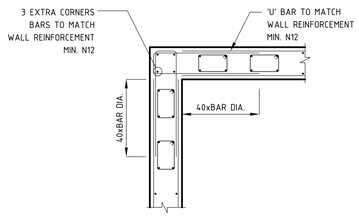
WALL FOOTING DETAIL



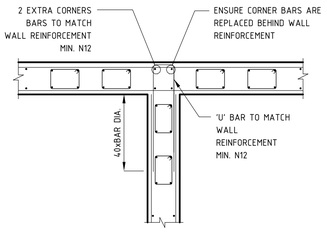
TIE ARRANGEMENT TYPE 1

INSITU WALL DETAILS - DOUBLE LAYER

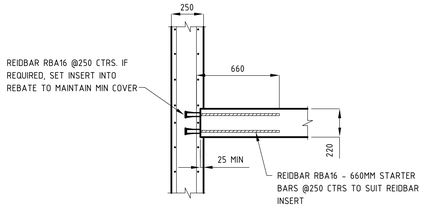
SCALE 1:20



CORNER DETAIL



JUNCTION DETAIL



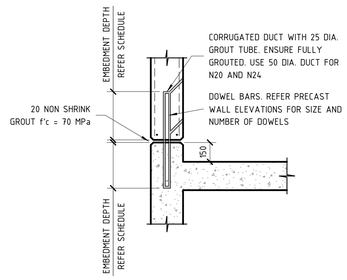
TYPICAL SLAB TO INSITU WALL DETAIL

REIDBAR SCHEDULE									
REIDBAR PRODUCT	PART NO.	BAR TYPE	LENGTH (MM)	MIN YIELD (KN)	CHAR. STRENGTH (KN)	BODY DIA. (MM)	FOOT DIA. (MM)	THREADED DEPTH (MM)	CROSS HOLE DIA. (MM)
STARTERS	RBA16SB	RBA16	660	100.6					
REBATE INSERTS TO SUIT (RBA16)	RBA16RI		96		>141	30	51	47	14.5

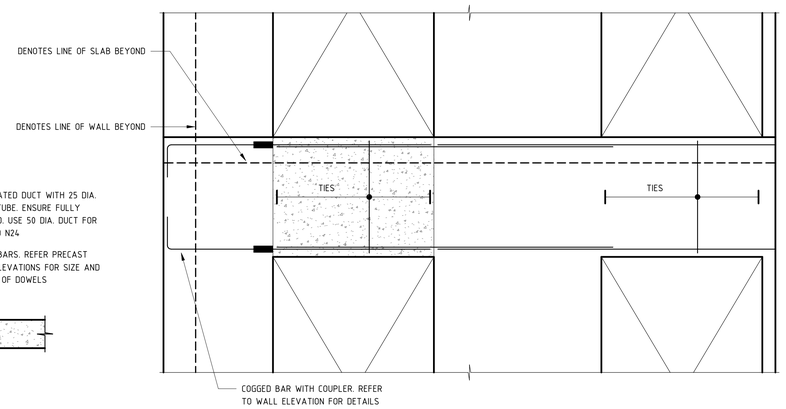
INSITU WALL DETAILS - DOUBLE LAYER

SCALE 1:20

HEADER BEAM REINFORCEMENT SCHEDULE						
TYPE	DEPTH (mm)	TOP REO	BOTTOM REO	LIGS	BOTTOM COVER	TOP COVER
HB1	600	2N24	2N24	N12-250	40mm	30mm
HB2	2500/2080	2N24	2N24	N12-250	40mm	30mm
HB3	3345/3265/4400	2N32	2N32	N12-250	40mm	30mm
HB4	630	2N24	2N24	N12-250	40mm	30mm
HB5	510	2N20	2N20	N12-250	40mm	30mm
HB6	630	2N20	2N20	N12-250	40mm	30mm
HB7	630	4N24	4N24	N16-100	40mm	30mm
HB8	480	2N24	2N24	N12-200	40mm	30mm
HB9	510	2N24	2N24	N12-250	40mm	30mm
HB10	630	2N24	2N24	N12-150	40mm	30mm
HB11	945	2N24	2N24	N12-250	40mm	30mm



TYPICAL INSITU TO PRECAST PANEL CONNECTION DETAIL



TYPICAL PRECAST HEADER BEAM WET STITCH DETAIL

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	REVISED AS CLOUDED	DS	15.11.2021	AL
C	REVISED AS CLOUDED	DS	29.09.2021	GC
4	ISSUED FOR TENDER	MM	06.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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INDESCO
CANBERRA
SYDNEY
WOLLONGONG
www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL FORMED WALL DETAILS

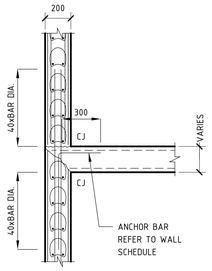
PROJECT No. 7774

DRAWING No. E503

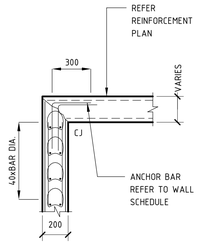
AMDT D

BCA certifiers
ABN: 94 128 755 754
SUPPORTING DOCUMENTATION - BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Stage 12
CBD

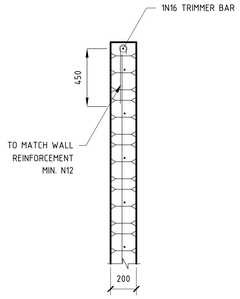
NORTH POINT



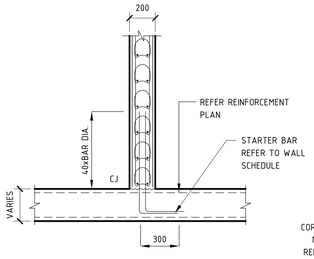
TYPICAL SPLICE
DETAIL AT FLOOR LEVEL



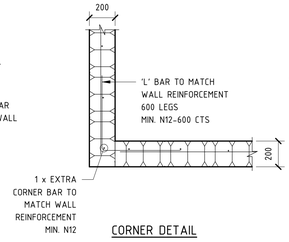
TYPICAL TOP OF WALL AT SLAB
DETAIL FOR WALLS ABOVE GROUND



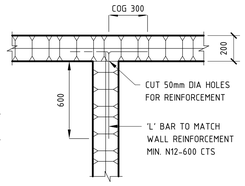
TYPICAL END OF WALL
DETAIL



TYPICAL BUILT OFF SLAB DETAIL

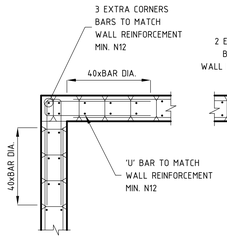


CORNER DETAIL

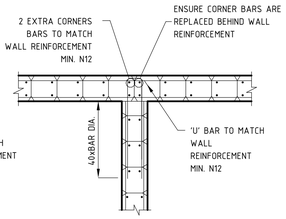


JUNCTION DETAIL

SINGLE LAYER



CORNER DETAIL

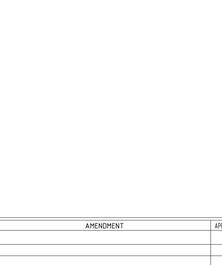


JUNCTION DETAIL

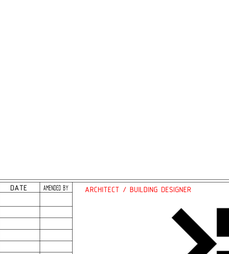
DOUBLE LAYER

AFS WALL DETAILS - 200 & 256mm

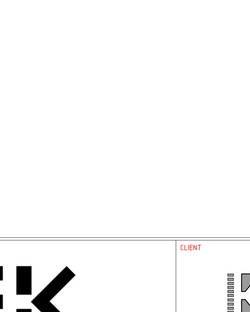
SCALE 1:20



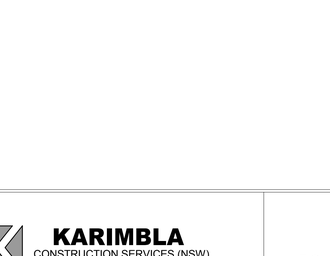
TYPICAL SPLICE
DETAIL AT FLOOR LEVEL



TYPICAL TOP OF WALL AT SLAB
DETAIL

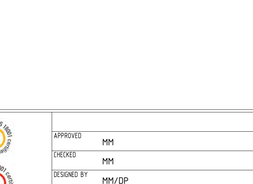


TYPICAL END OF WALL
DETAIL



TYPICAL BUILT OFF SLAB DETAIL

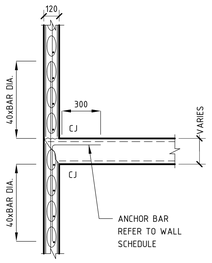
CORNER DETAIL



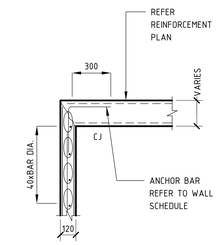
JUNCTION DETAIL

AFS WALL DETAILS - 150 & 162mm

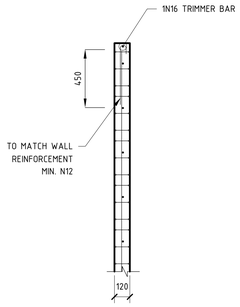
SCALE 1:20



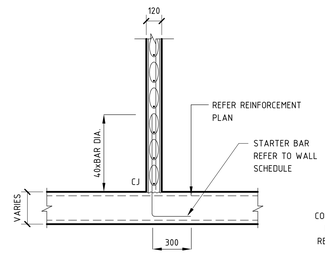
TYPICAL SPLICE
DETAIL AT FLOOR LEVEL



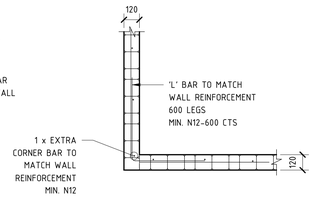
TYPICAL TOP OF WALL AT SLAB
DETAIL



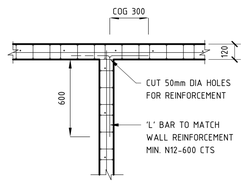
TYPICAL END OF WALL
DETAIL



TYPICAL BUILT OFF SLAB DETAIL



CORNER DETAIL



JUNCTION DETAIL

AFS WALL DETAILS - 120mm

SCALE 1:20

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION
FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
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APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

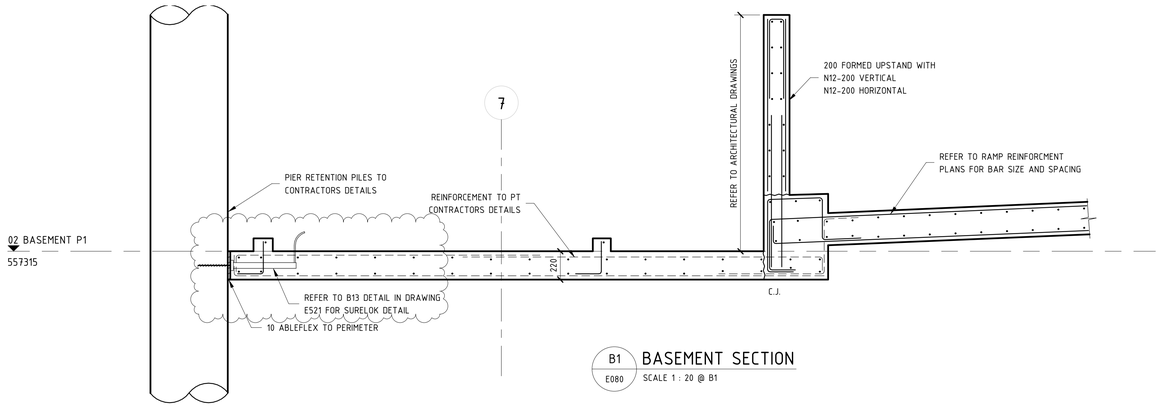
DRAWING TITLE
TYPICAL AFS WALL DETAILS

PROJECT No.
7774

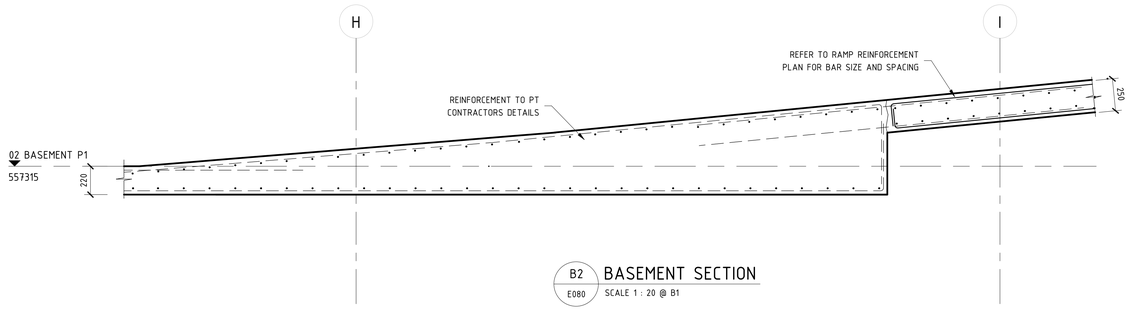
DRAWING No.
E504

AMDT
A

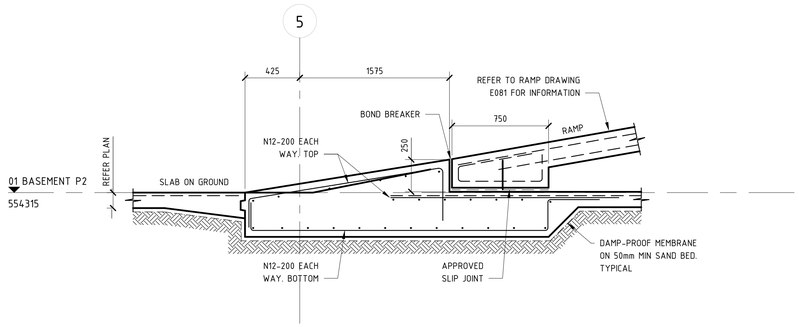
NORTH POINT



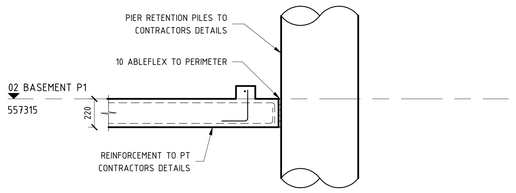
B1 E080 BASEMENT SECTION
SCALE 1 : 20 @ B1



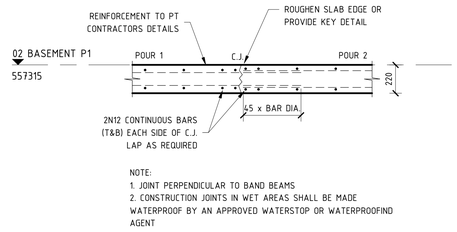
B2 E080 BASEMENT SECTION
SCALE 1 : 20 @ B1



B4 E080 BASEMENT SECTION
SCALE 1 : 20 @ B1

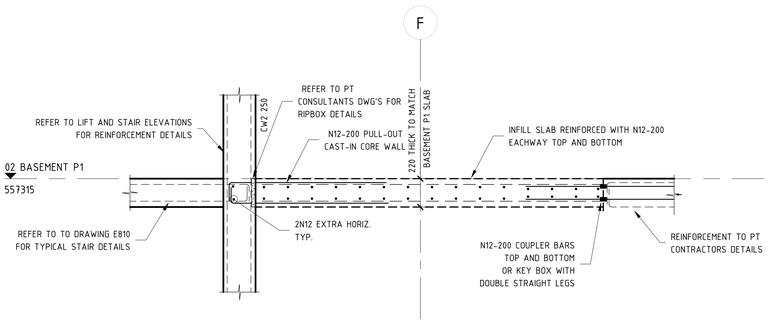


B5 E202 BASEMENT SECTION
SCALE 1 : 20 @ B1

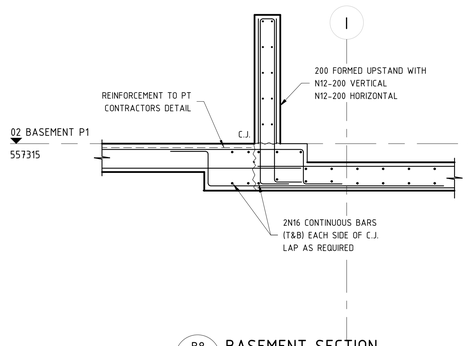


NOTE:
1. JOINT PERPENDICULAR TO BAND BEAMS
2. CONSTRUCTION JOINTS IN WET AREAS SHALL BE MADE WATERPROOF BY AN APPROVED WATERSTOP OR WATERPROOFIND AGENT

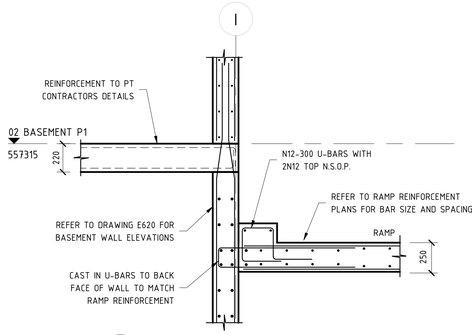
B6 E202 BASEMENT SECTION
SCALE 1 : 20 @ B1



B7 E202 BASEMENT SECTION
SCALE 1 : 20 @ B1



B8 E080 BASEMENT SECTION
SCALE 1 : 20 @ B1



B9 E080 BASEMENT SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 128 755 754
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

NORTH POINT

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	30.09.2021	GC
E	REVISED AS CLOUDED	DS	10.09.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	19.03.2021	GC
1	ISSUED FOR TENDER	MM	04.03.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

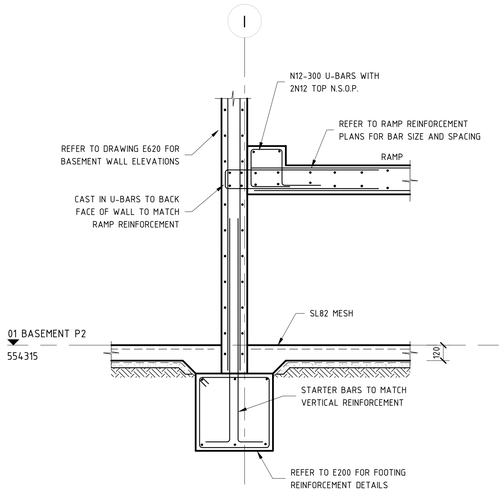
ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT SLAB DETAILS - SHEET 1

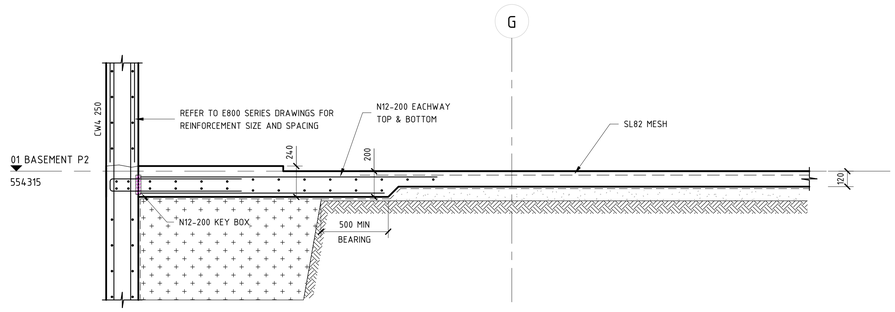
PROJECT No. 7774

DRAWING No. E520

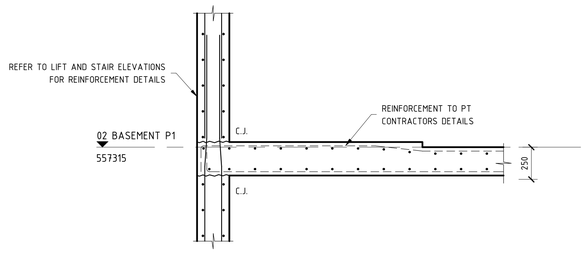
AMDT F



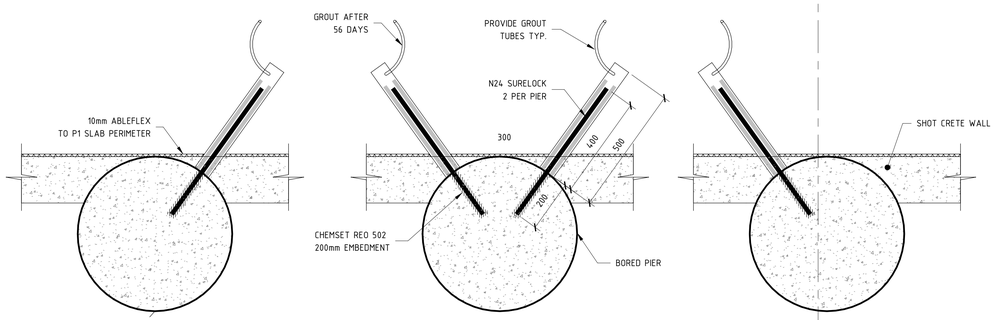
B10 / E080 **BASEMENT SECTION**
SCALE 1 : 20 @ B1



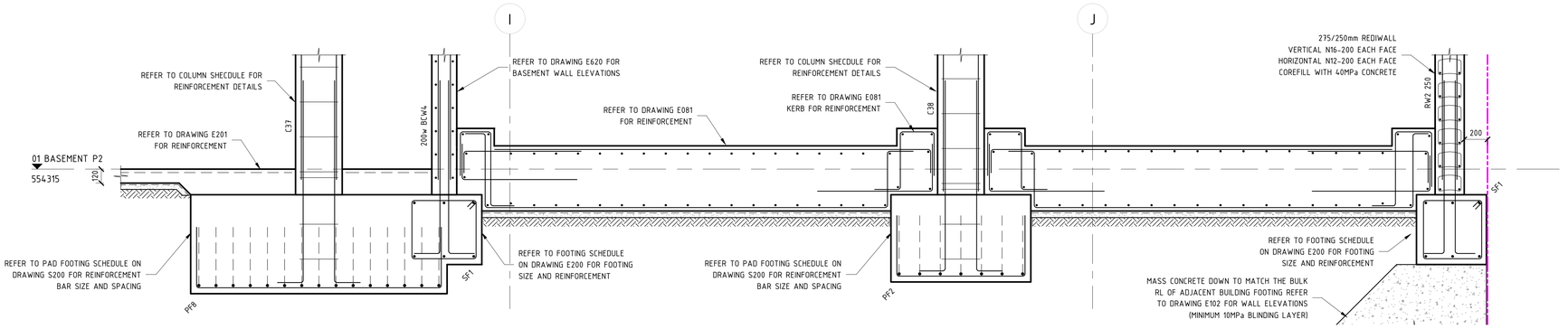
B11 / E201 **BASEMENT SECTION**
SCALE 1 : 20 @ B1



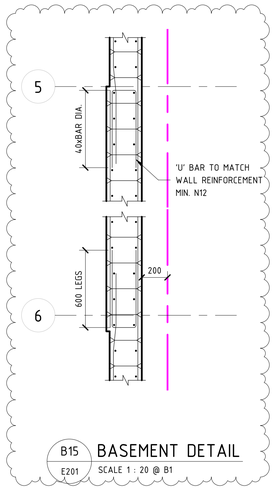
B12 / E202 **BASEMENT SECTION**
SCALE 1 : 20 @ B1



B13 / E202 **BASEMENT DETAIL**
SCALE 1 : 10 @ B1



B14 / E080 **BASEMENT SECTION**
SCALE 1 : 20 @ B1



B15 / E201 **BASEMENT DETAIL**
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
I	REVISED AS CLOUDED	DS	17.11.2021	GC
H	REVISED AS CLOUDED	DS	28.10.2021	SS
G	REVISED AS CLOUDED	DS	22.10.2021	GC
F	REVISED AS CLOUDED	DS	21.10.2021	GC
E	REVISED AS CLOUDED	DS	13.10.2021	AL
D	REVISED AS CLOUDED	DS	30.09.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
B	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
A	ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT SLAB DETAILS - SHEET 2

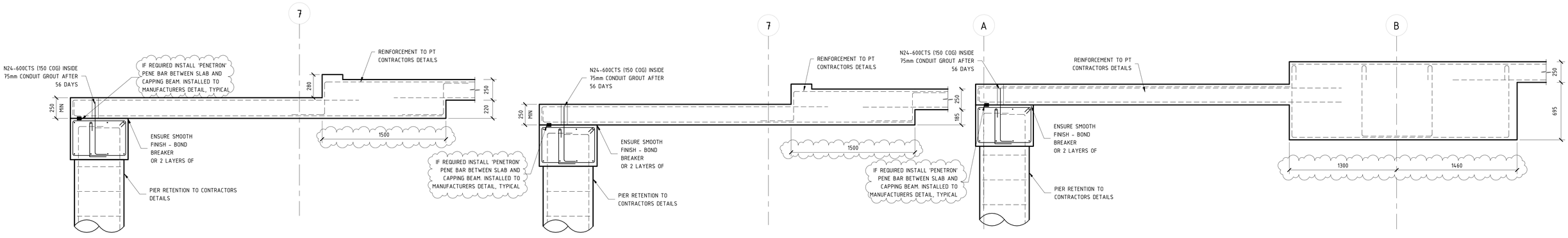
PROJECT No. 7774

DRAWING No. E521

AMDT I

NORTH POINT

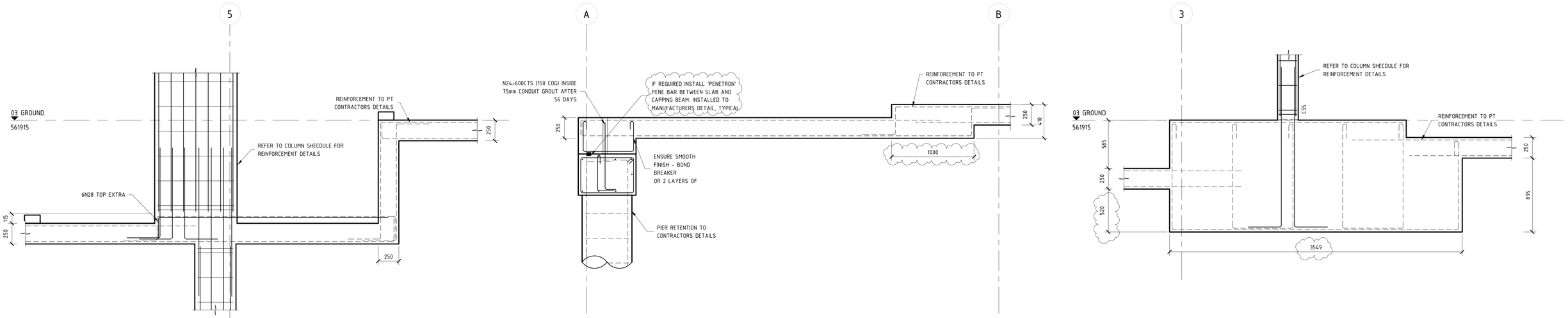
BCA certifiers
ABN: 58 133 755 734
SUPPORTING DOCUMENTATION
FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR



G1 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

G2 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

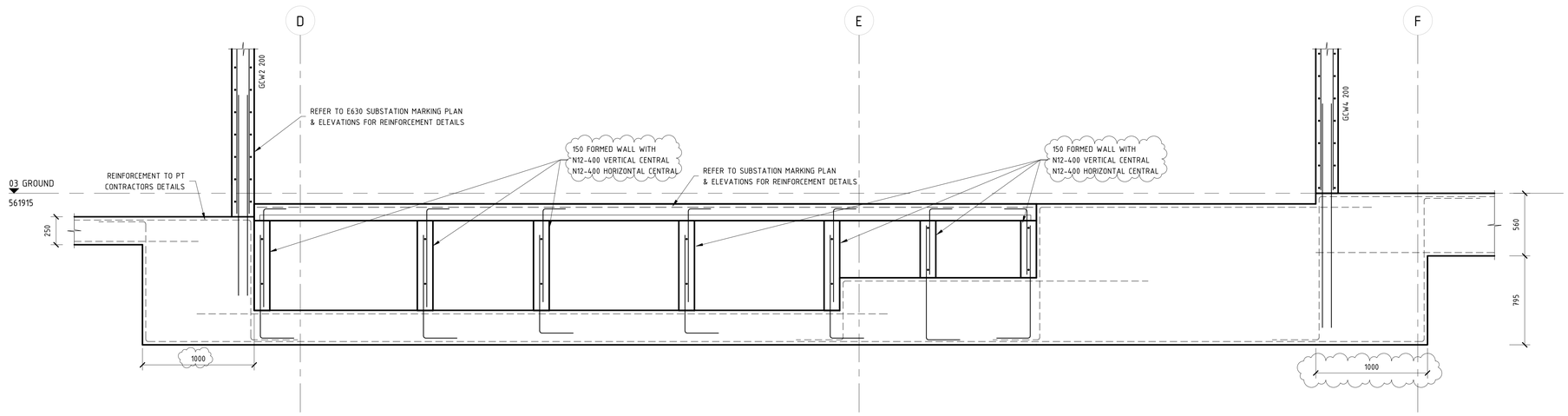
G3 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G4 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

G5 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

G6 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G7 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	REVISED AS CLOUDED	DS	15.10.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND SLAB DETAILS - SHEET 1

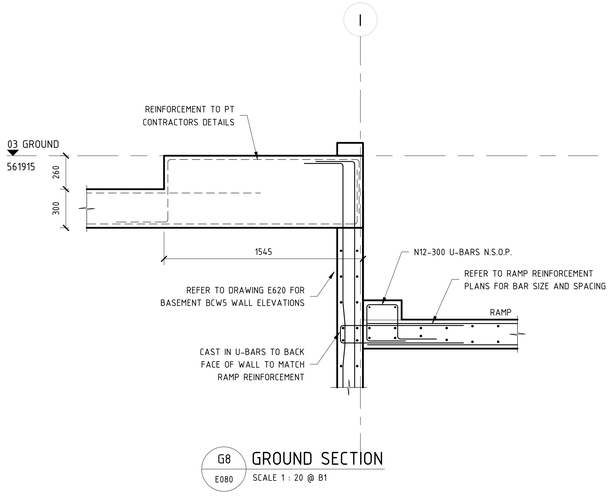
PROJECT No. 7774

DRAWING No. E530

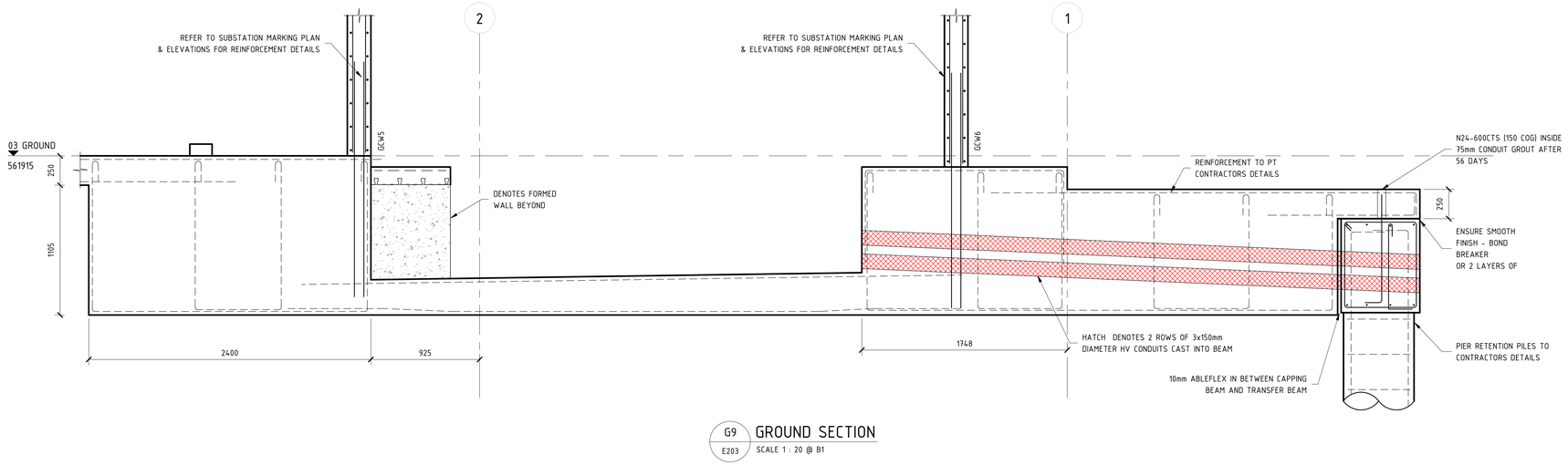
AMDT D

BCA certifies
ABN: 58 118 759 734
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 21367/9
Block 4 Section 12
CBD

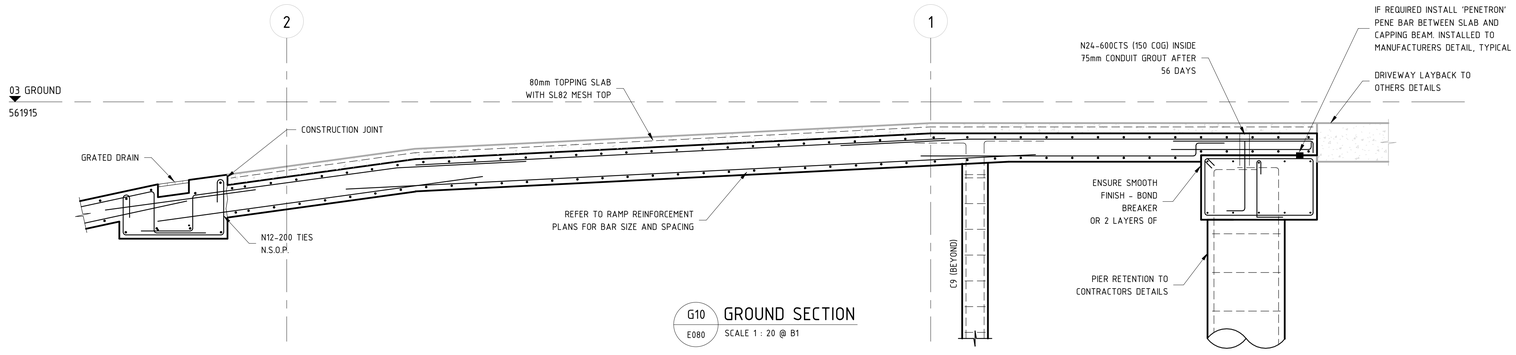
NORTH POINT



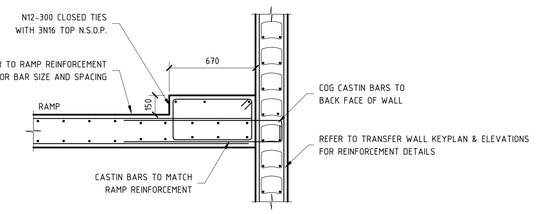
G8 E080 GROUND SECTION
SCALE 1 : 20 @ B1



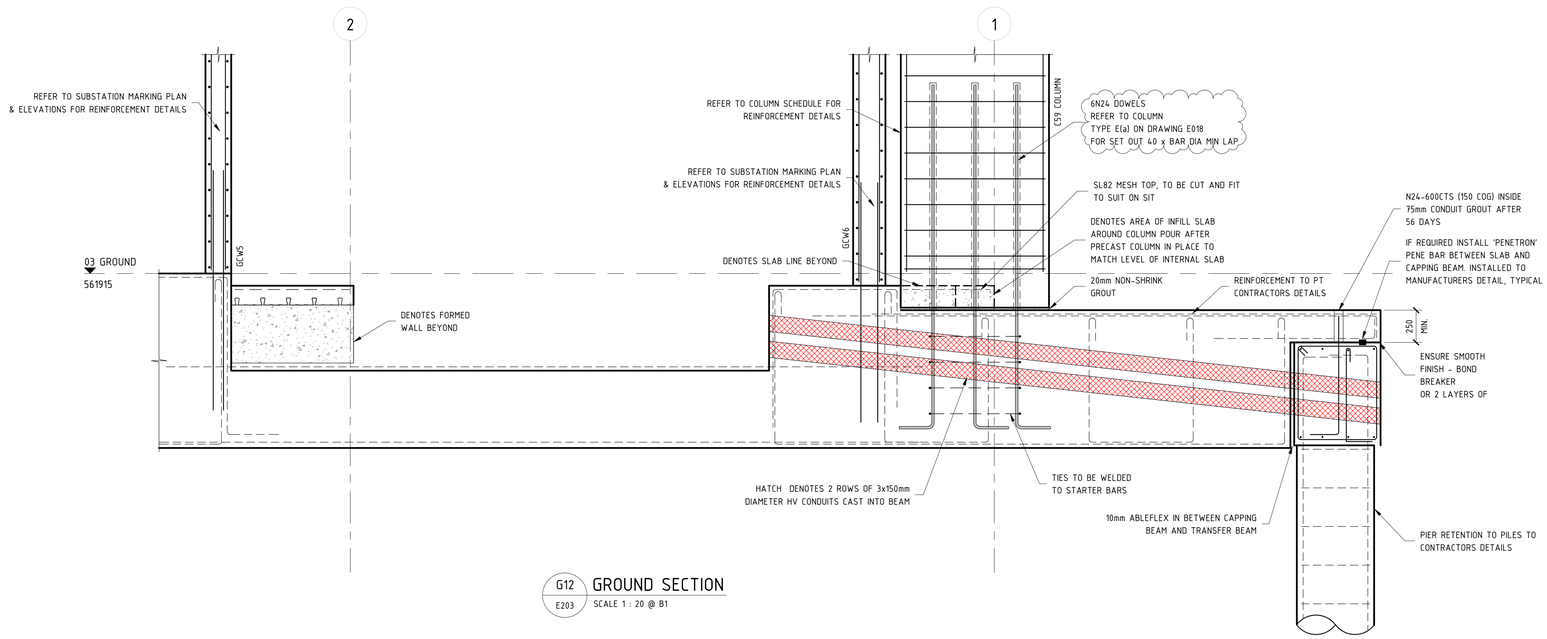
G9 E203 GROUND SECTION
SCALE 1 : 20 @ B1



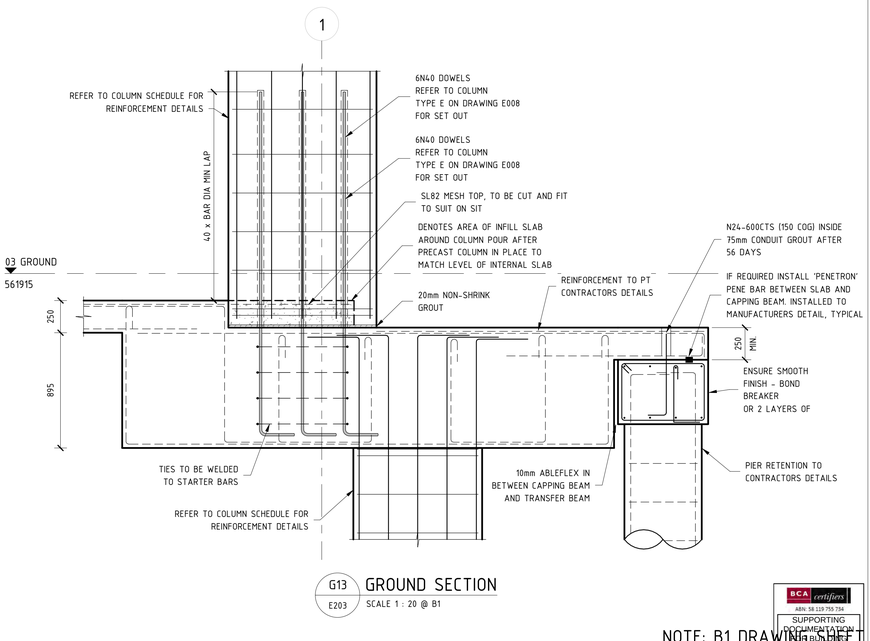
G10 E080 GROUND SECTION
SCALE 1 : 20 @ B1



G11 E080 GROUND SECTION
SCALE 1 : 20 @ B1



G12 E203 GROUND SECTION
SCALE 1 : 20 @ B1



G13 E203 GROUND SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	15.10.2021	GC
D	REVISED AS CLOUDED	DS	10.09.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND SLAB DETAILS - SHEET 2

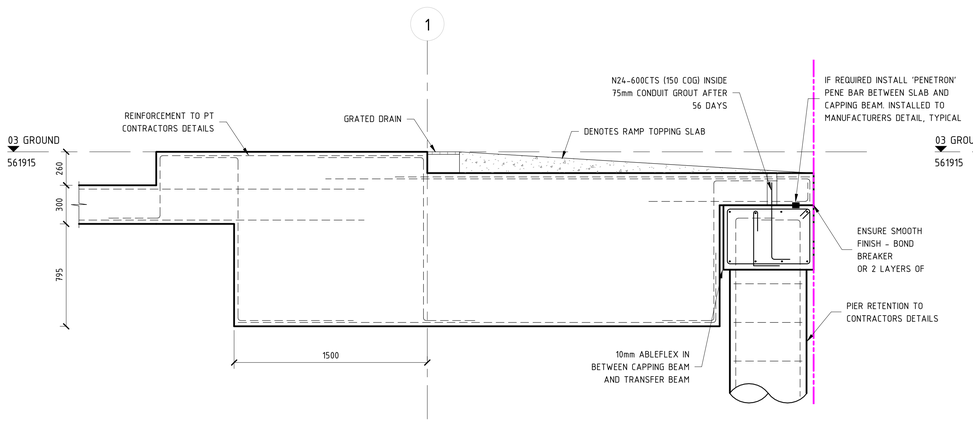
PROJECT No. 7774

DRAWING No. E531

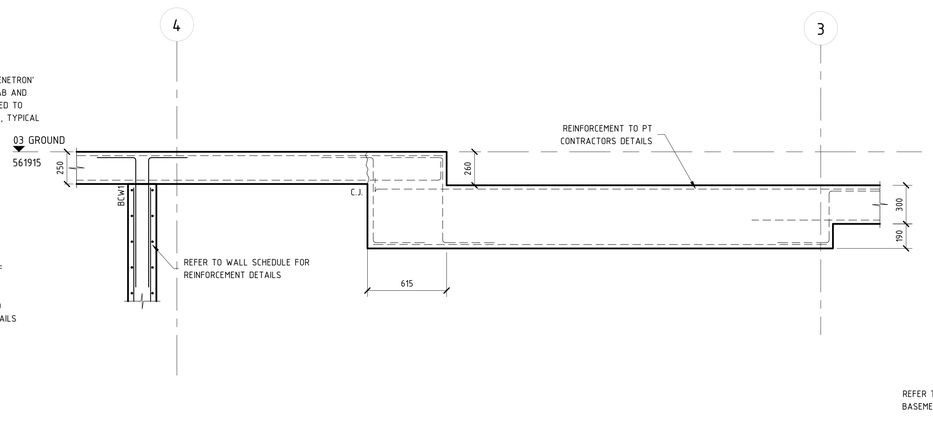
AMDT F

BCA certifiers ABN: 58 133 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

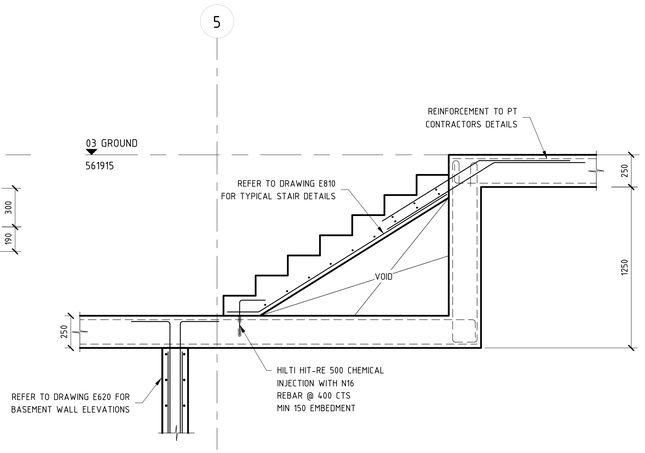
NORTH POINT



G14 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G15 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G16 / E203 GROUND SECTION
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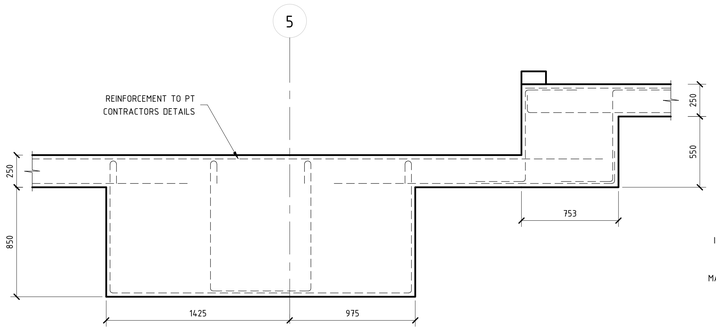
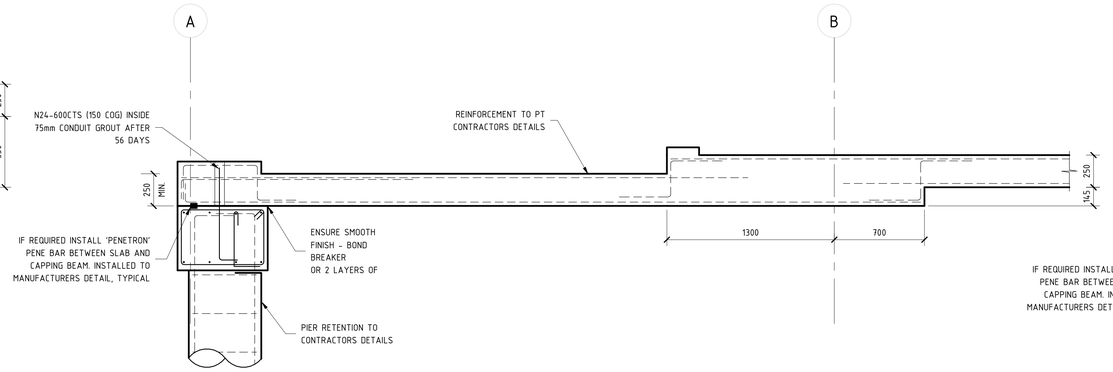
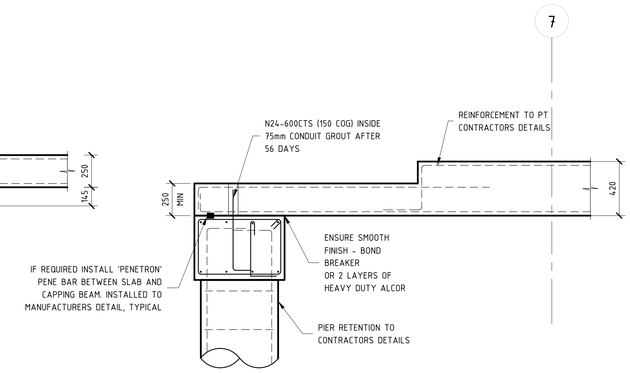


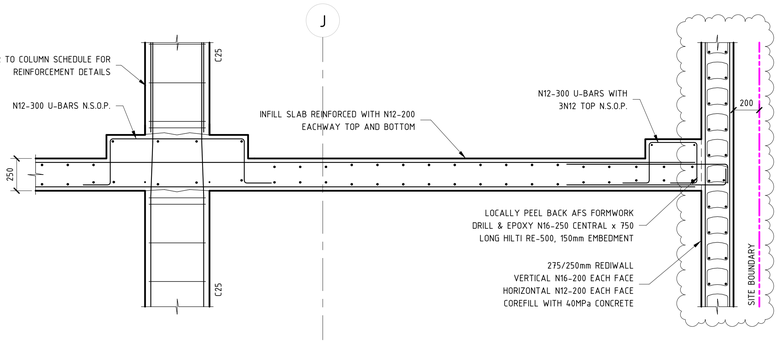
G17 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



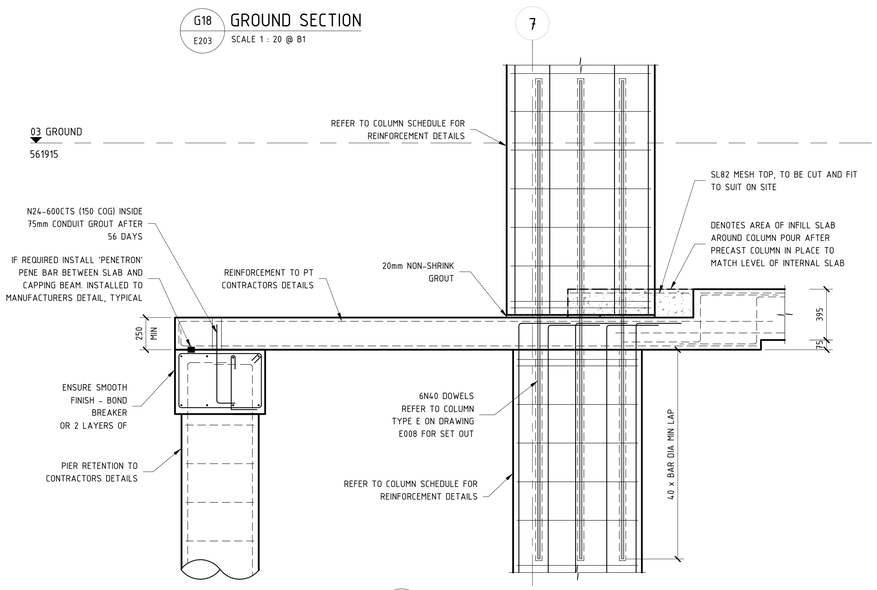
G18 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



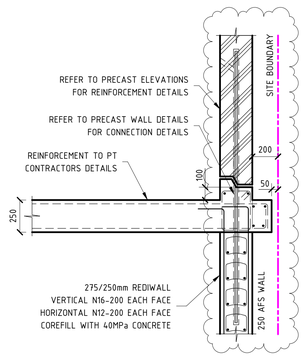
G19 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G20 / E080 GROUND SECTION
SCALE 1 : 20 @ B1



G21 / E203 GROUND SECTION
SCALE 1 : 20 @ B1



G22 / E203 GROUND SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	28.10.2021	SS
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	15.10.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	06.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
2	ISSUED FOR TENDER	MM	13.04.2021	GC
1	ISSUED FOR TENDER	MM	19.03.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

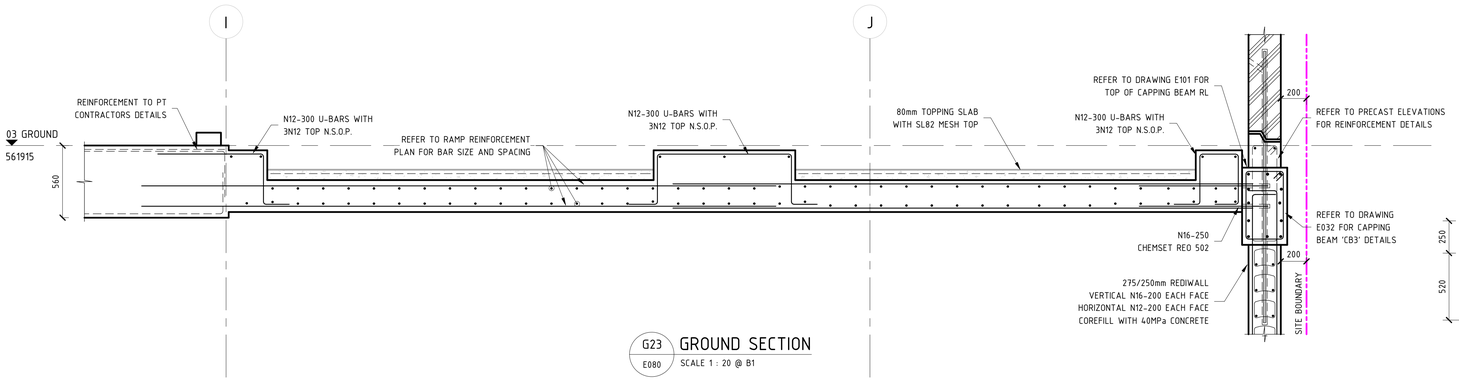
DRAWING TITLE
GROUND SLAB DETAILS - SHEET 3

PROJECT No.
7774

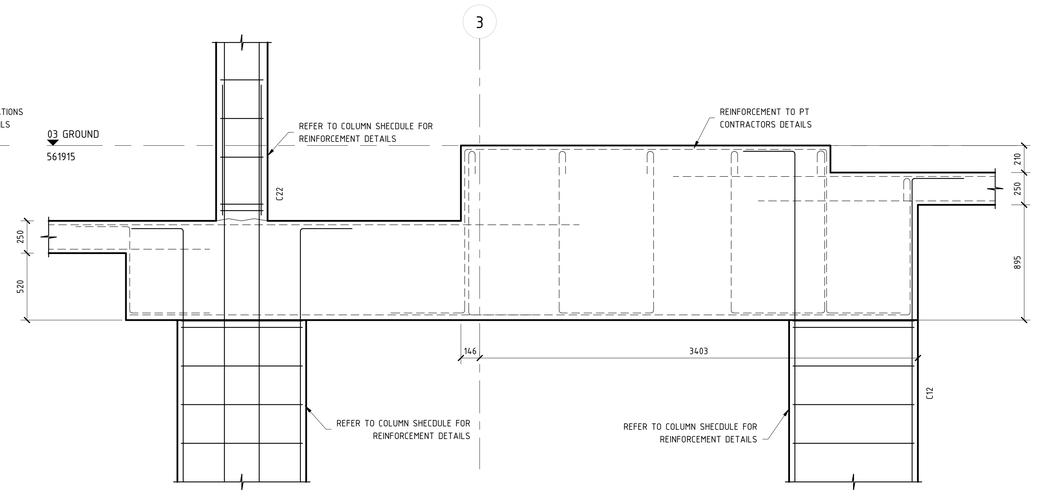
DRAWING No.
E532

AMDT
G

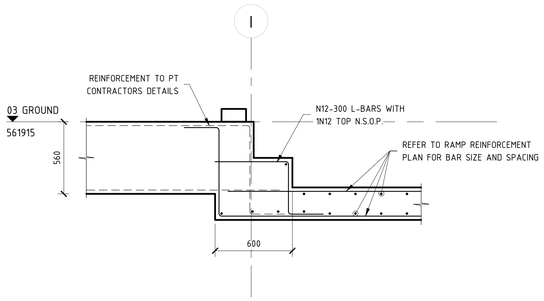
NORTH POINT

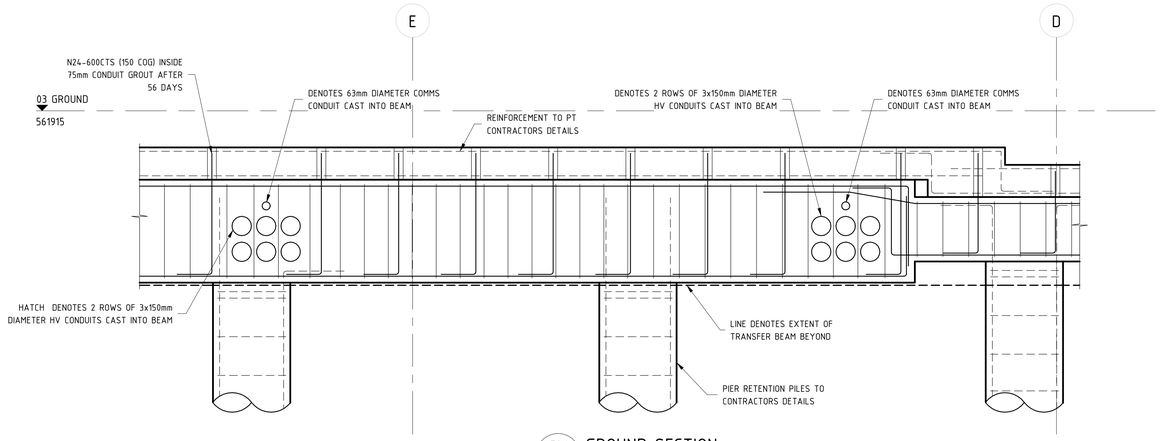


G23 E080 GROUND SECTION
SCALE 1 : 20 @ B1



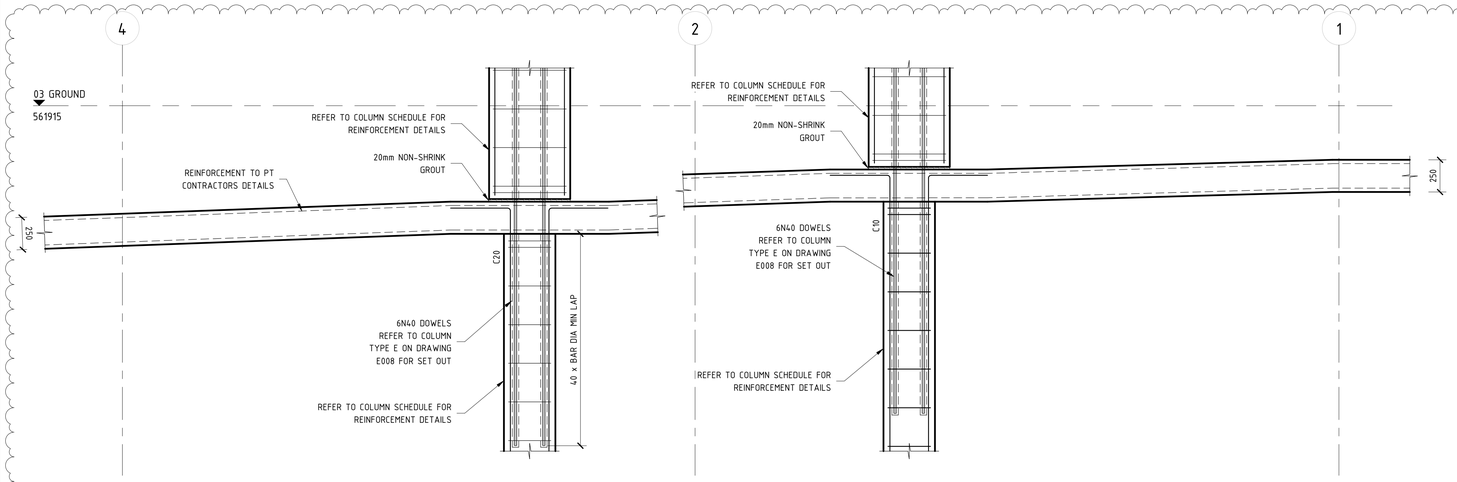
G24 E203 GROUND SECTION
SCALE 1 : 20 @ B1





G25 E080 GROUND SECTION
SCALE 1 : 20 @ B1

G26 E203 GROUND SECTION
SCALE 1 : 20 @ B1



G27 E100 GROUND SECTION
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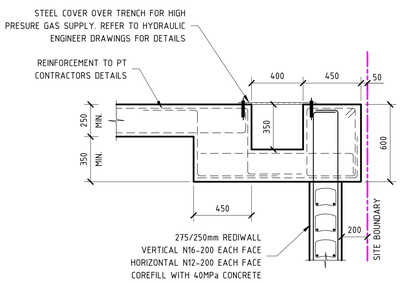
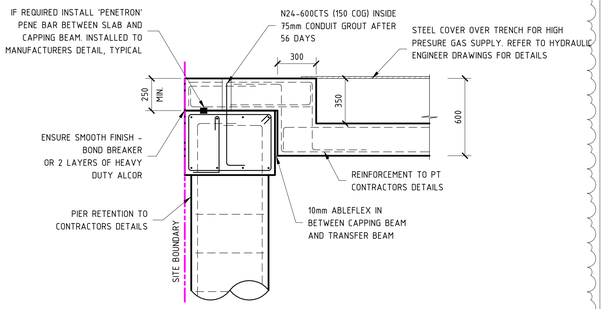


G28 E080 GROUND SECTION
SCALE 1 : 20 @ B1



G29 E080 GROUND SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
I	REVISED AS CLOUDED	DS	02.12.2021	GC
H	REVISED AS CLOUDED	DS	28.10.2021	SS
G	REVISED AS CLOUDED	DS	22.10.2021	GC
F	REVISED AS CLOUDED	DS	15.10.2021	GC
E	REVISED AS CLOUDED	DS	10.09.2021	GC
D	REVISED AS CLOUDED	MM	20.07.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
1	ISSUED FOR TENDER	MM	06.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND SLAB DETAILS - SHEET 4

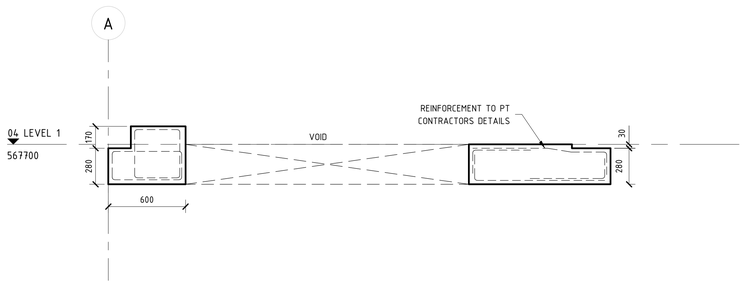
PROJECT No. 7774

DRAWING No. E533

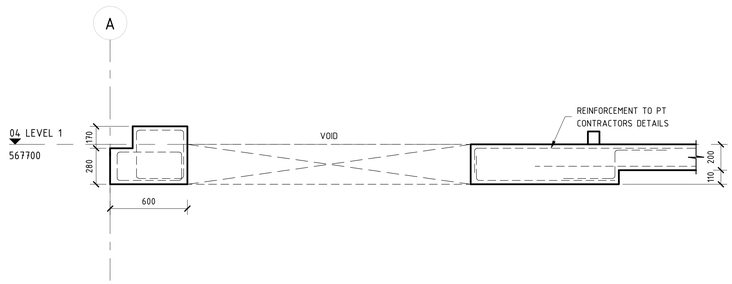
AMDT I

BCA certifiers ABN: 58 133 755 734
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
City

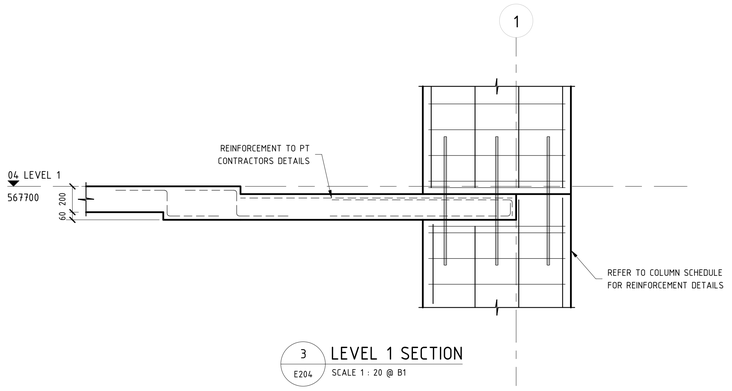
NORTH POINT



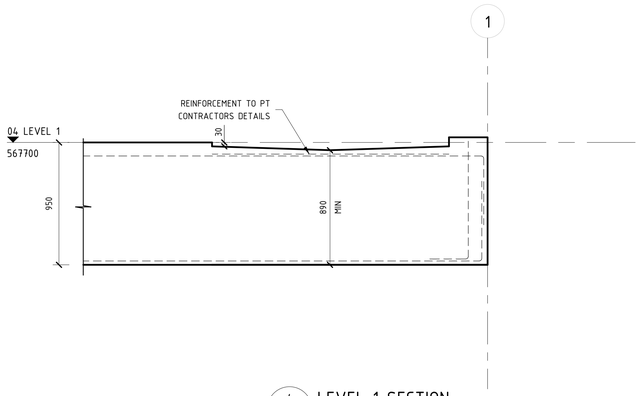
1 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



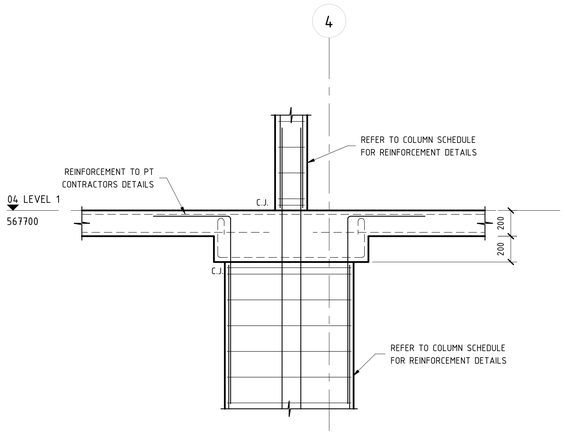
2 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



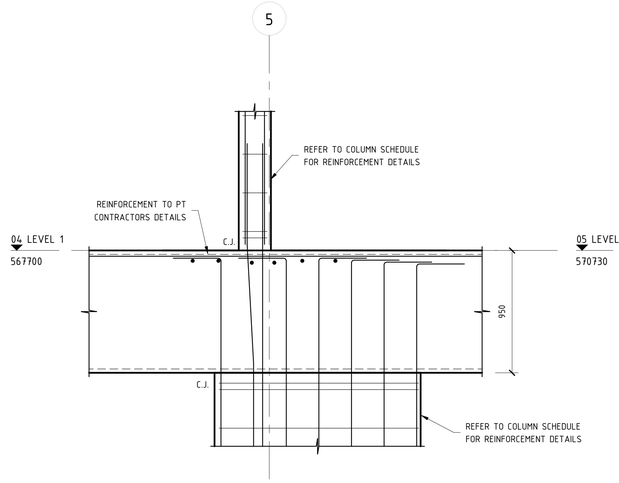
3 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



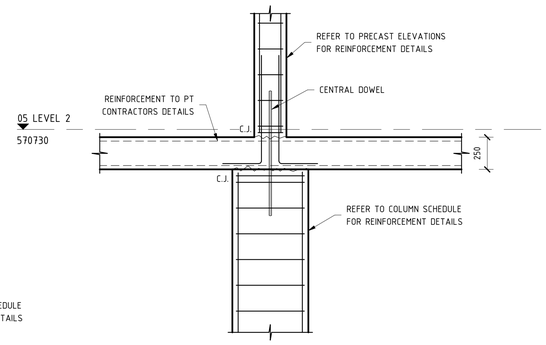
4 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



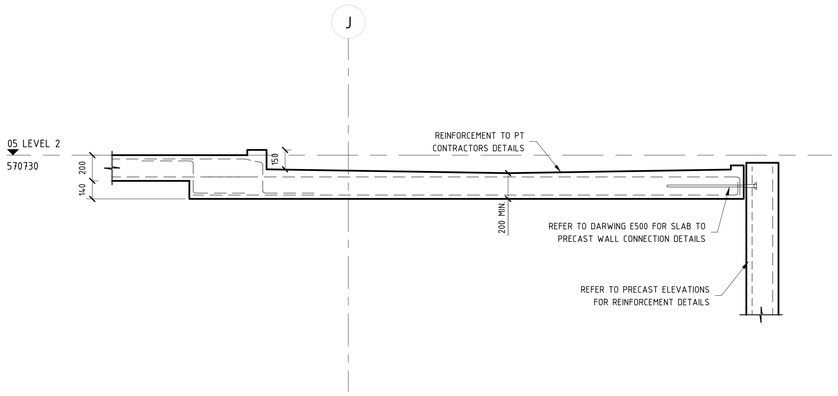
5 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



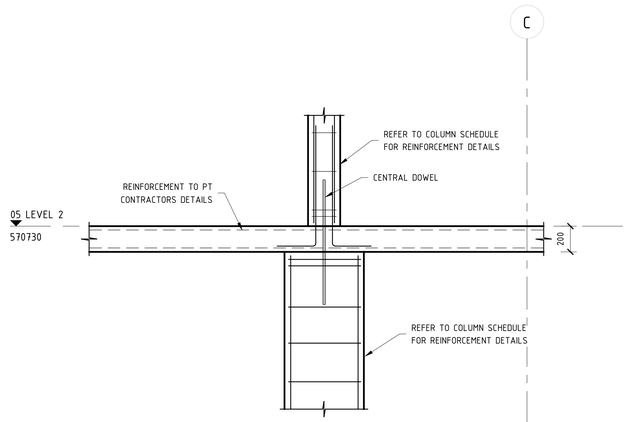
6 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



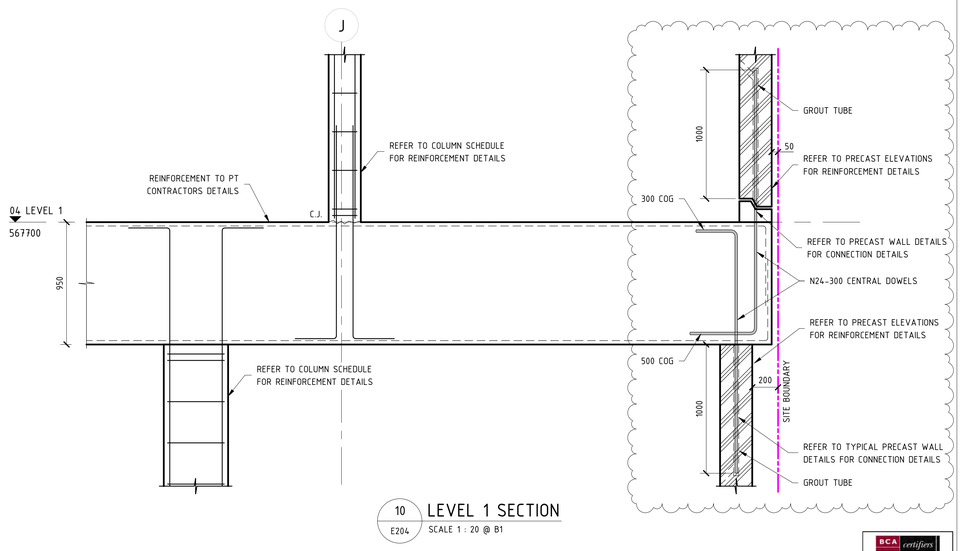
7 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1



8 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1



9 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1



10 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 128 755 754
SUPPORTING DOCUMENTATION
FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	05.11.2021	GC
B	REVISED AS CLOUDED	DS	01.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
6	ISSUED FOR TENDER	MM	16.06.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

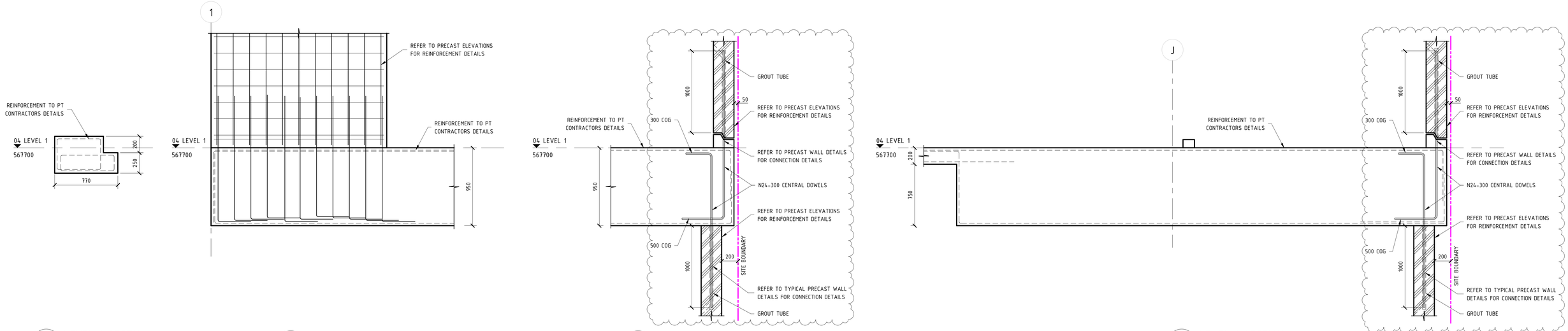
DRAWING TITLE
LEVEL 1 & 2 SLAB DETAILS - SHEET 1

PROJECT No. 7774

DRAWING No. E540

AMDT C

NORTH POINT

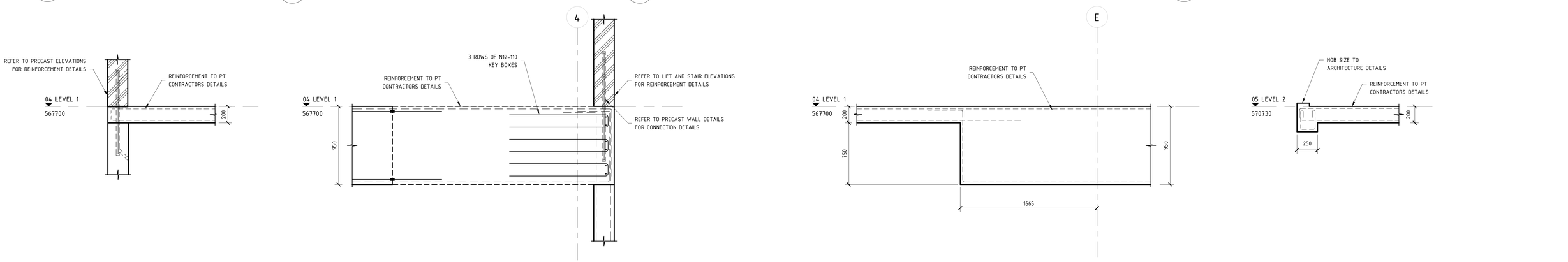


11 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

12 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

13 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

14 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

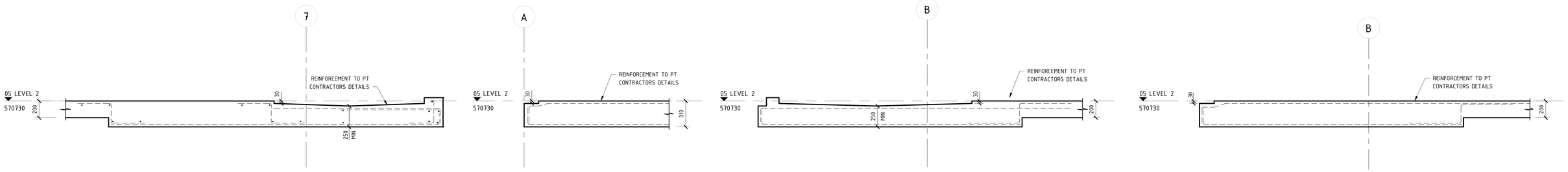


15 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

16 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

17 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1

18 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1



19 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1

20 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1

21 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1

22 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 118 759 734
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
City

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	05.11.2021	GC
B	REVISED AS CLOUDED	DS	01.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
1	ISSUED FOR TENDER	MM	16.06.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

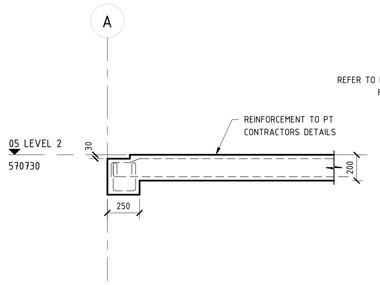
DRAWING TITLE
LEVEL 1 & 2 SLAB DETAILS - SHEET 2

PROJECT No.
7774

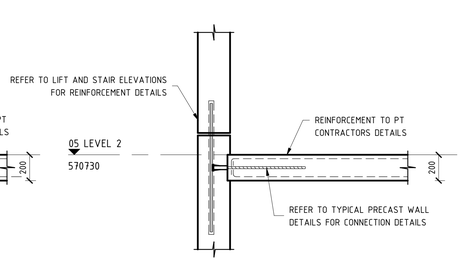
DRAWING No.
E541

AMDT
C

NORTH POINT



23 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1



24 E205 LEVEL 2 SECTION
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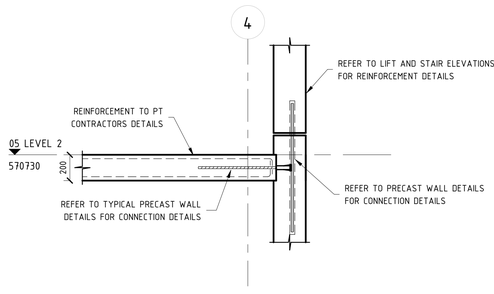

25 E205 LEVEL 2 SECTION
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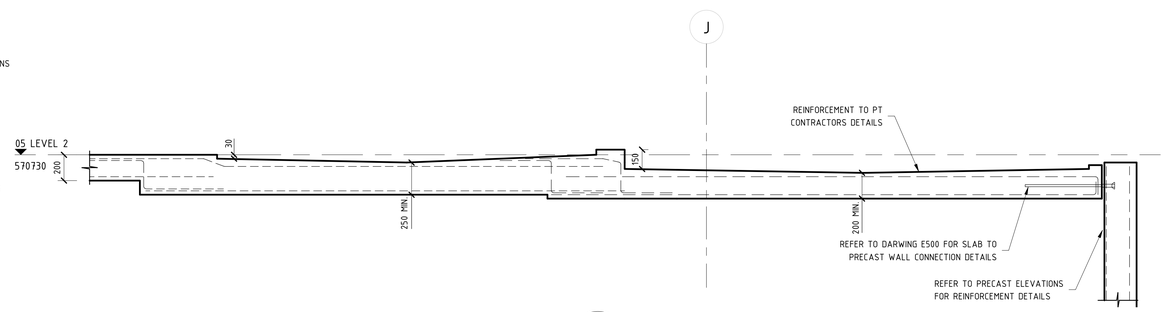

26 E205 LEVEL 2 SECTION
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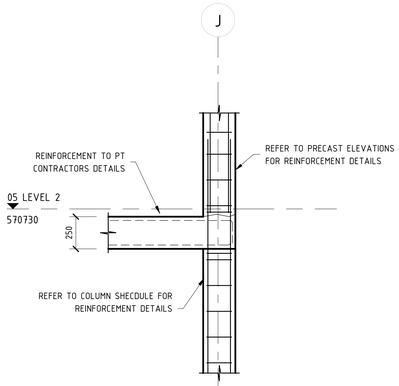
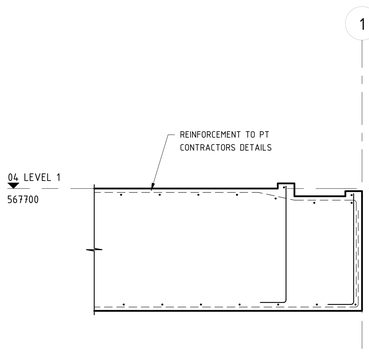
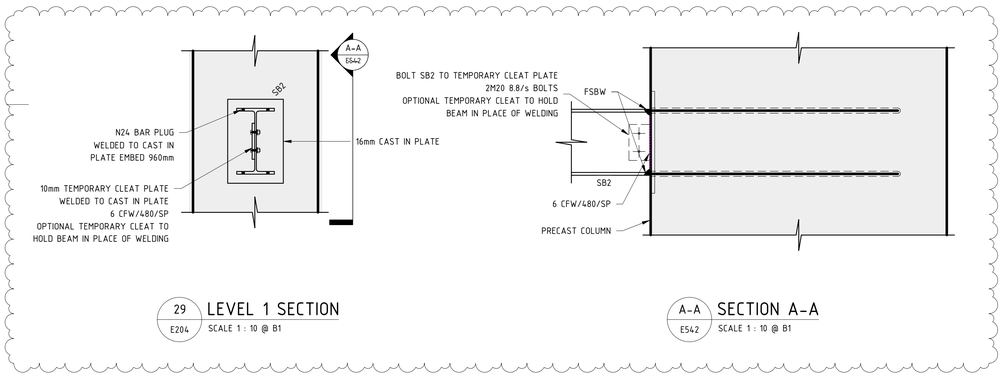


27 E205 LEVEL 2 SECTION
SCALE 1 : 20 @ B1

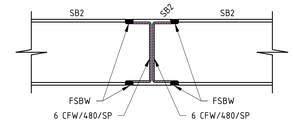


28 E204 LEVEL 1 SECTION
SCALE 1 : 20 @ B1



29 E204 LEVEL 1 SECTION
SCALE 1 : 10 @ B1

A-A E542 SECTION A-A
SCALE 1 : 10 @ B1



30 E204 LEVEL 1 SECTION
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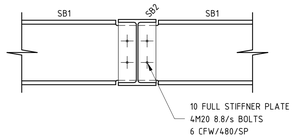
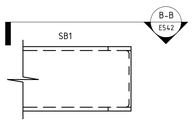
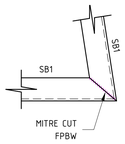


31 E204 LEVEL 1 SECTION
SCALE 1 : 10 @ B1



32 E204 LEVEL 1 SECTION
SCALE 1 : 10 @ B1



B-B E542 SECTION B-B
SCALE 1 : 10 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
City

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	DS	29.09.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	10.09.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

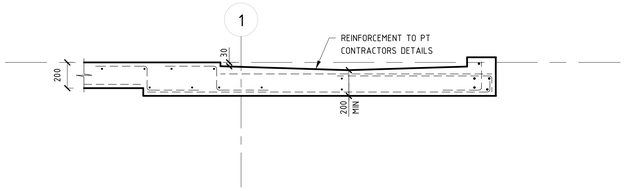
DRAWING TITLE
LEVEL 1 & 2 SLAB DETAILS - SHEET 3

PROJECT No. 7774

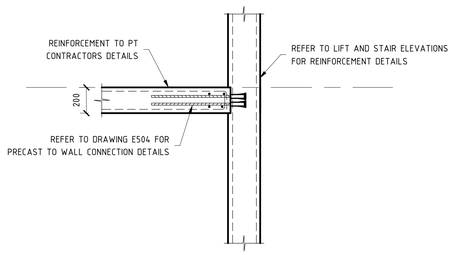
NORTH POINT

DRAWING No. E542

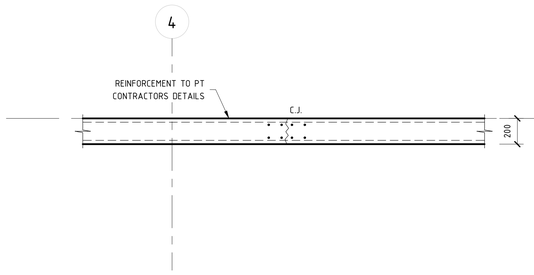
AMDT B



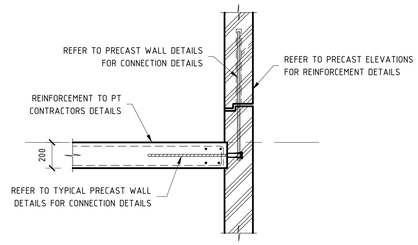
U1 TYPICAL SECTION
E206 SCALE 1 : 20 @ B1



U2 TYPICAL SECTION
E206 SCALE 1 : 20 @ B1



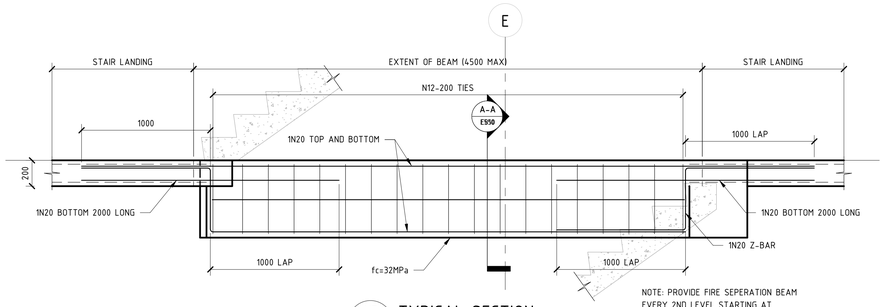
U3 TYPICAL SECTION
E205 SCALE 1 : 20 @ B1



U4 TYPICAL SECTION
E206 SCALE 1 : 20 @ B1

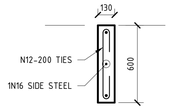
U5 TYPICAL SECTION
E206 SCALE 1 : 20 @ B1

U6 TYPICAL SECTION
E206 SCALE 1 : 20 @ B1

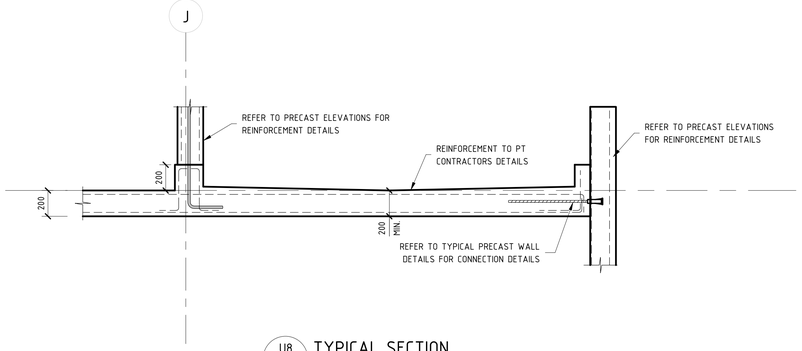


NOTE: PROVIDE FIRE SEPERATION BEAM
EVERY 2ND LEVEL STARTING AT
LEVEL 1 FOR 140 BLOCK WALL

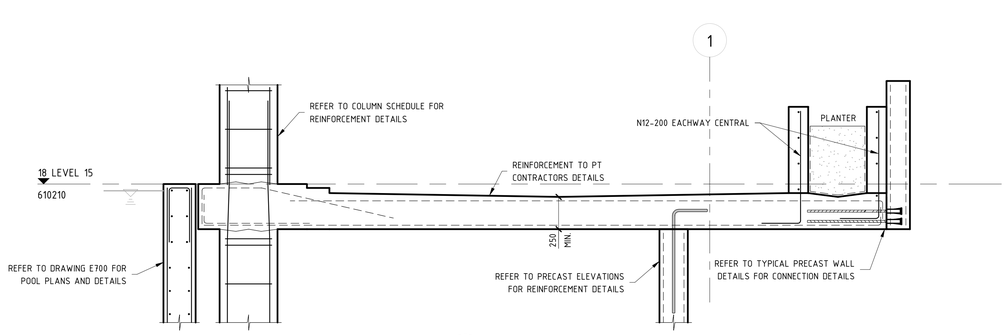
U7 TYPICAL SECTION
E820 SCALE 1 : 20 @ B1



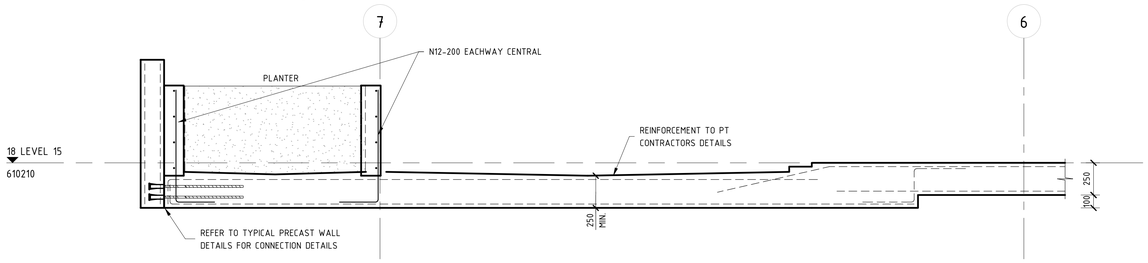
A-A TYPICAL SECTION
E550 SCALE 1 : 20 @ B1



U8 TYPICAL SECTION
E217 SCALE 1 : 20 @ B1



U9 TYPICAL SECTION
E218 SCALE 1 : 20 @ B1



U10 TYPICAL SECTION
E218 SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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CLIENT
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL SUSPENDED SLAB
DETAILS - SHEET 1

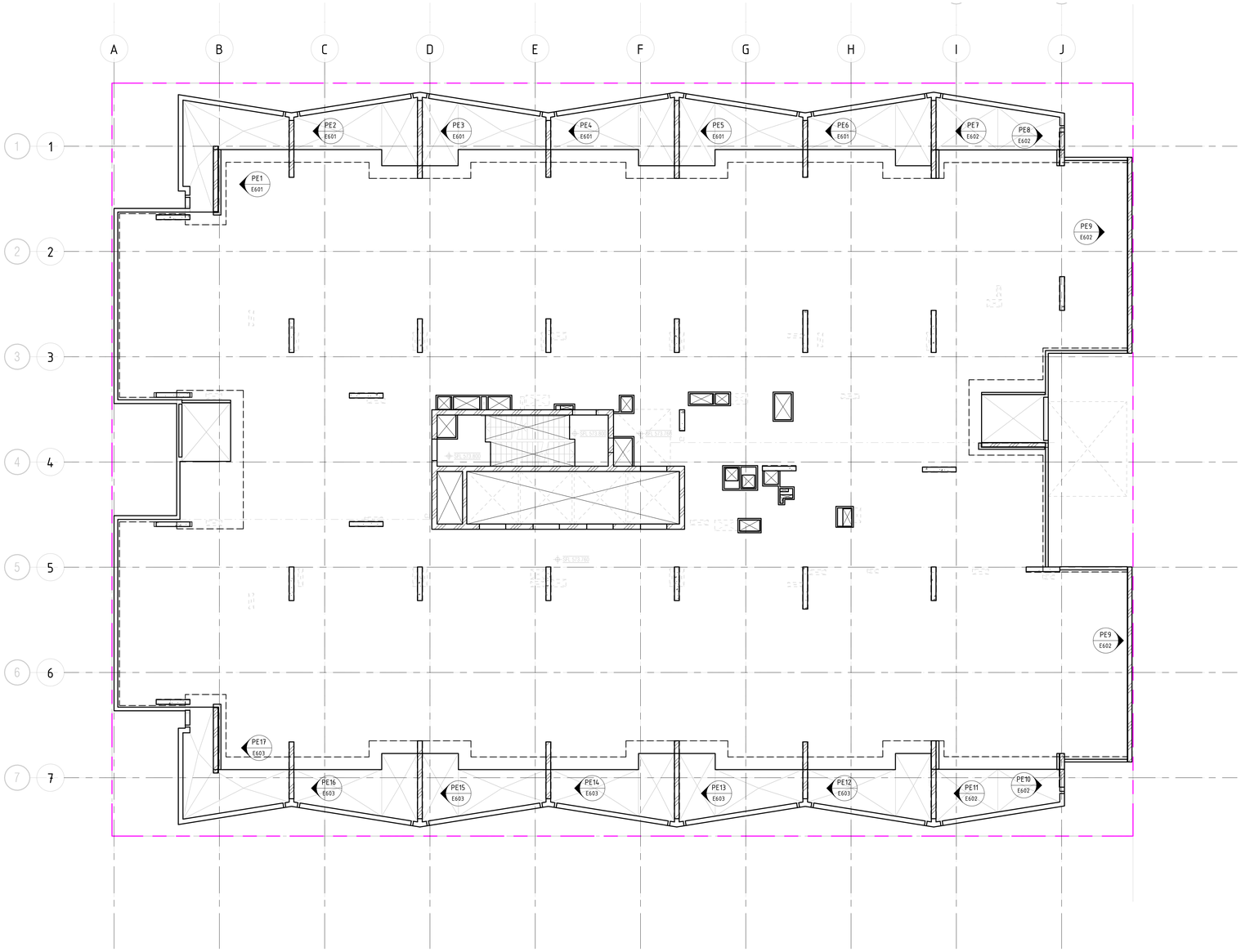
PROJECT No. 7774

DRAWING No. E550

AMDT A

BCA certifies
ABN: 58 119 795 784
SUPPORTING
DOCUMENTATION
APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBR

NORTH POINT



PRECAST KEYPLAN

SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 110 755 236
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 21679
Block 4 Section 12
CBR

NORTH POINT

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER

FENDER KATSALIDIS

CLIENT

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PTY LIMITED

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT

MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

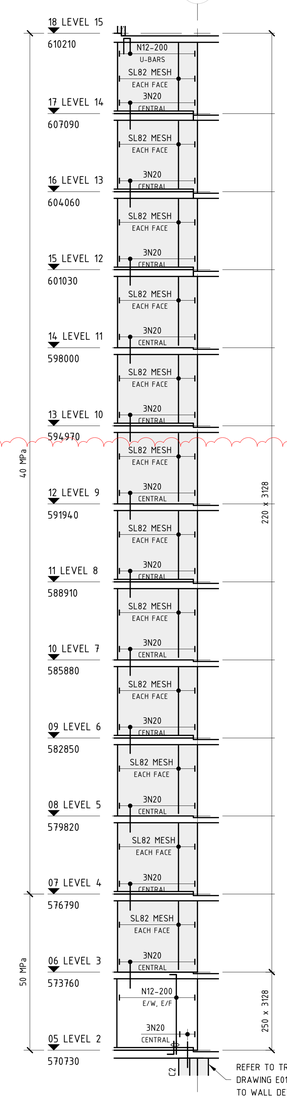
DRAWING TITLE

PRECAST KEYPLAN - SHEET 1

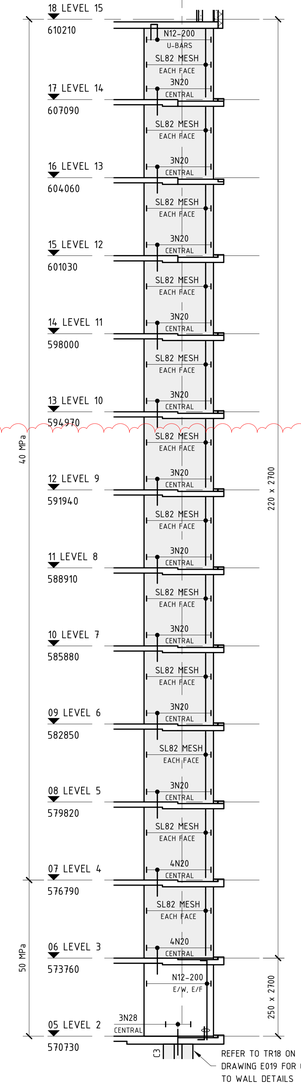
PROJECT No.
7774

DRAWING No.
E600

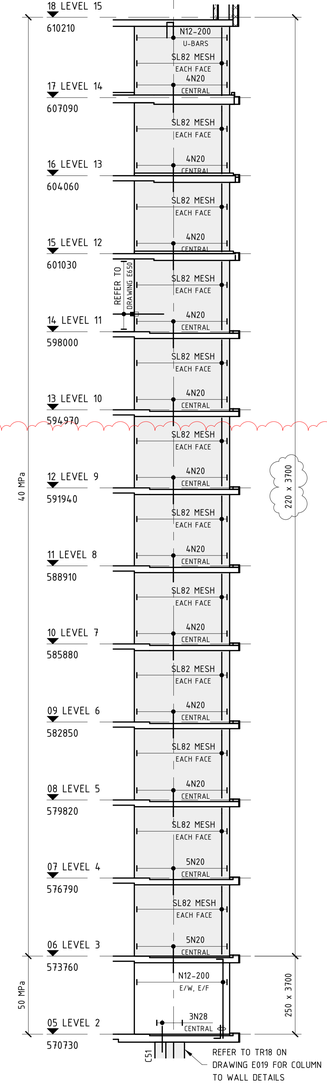
AMDT
A



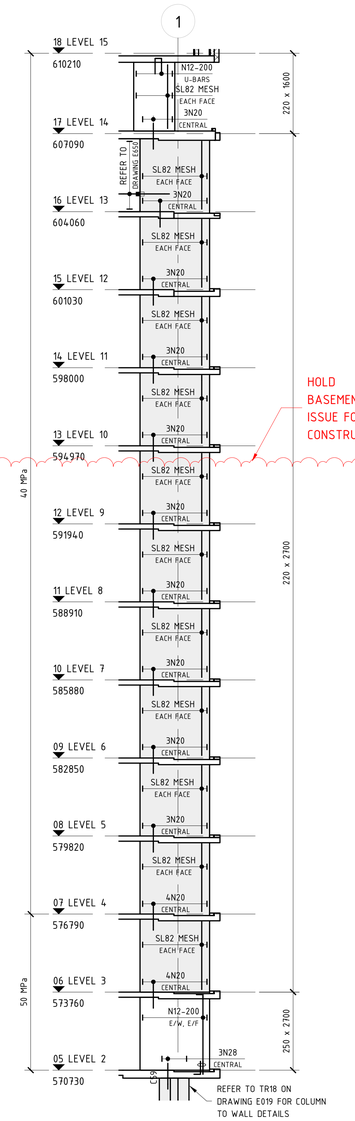
PE1 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1



PE2 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1

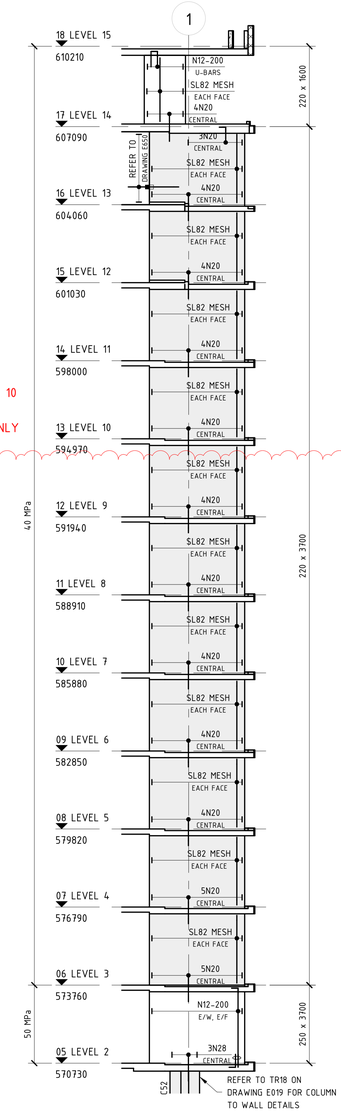


PE3 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1

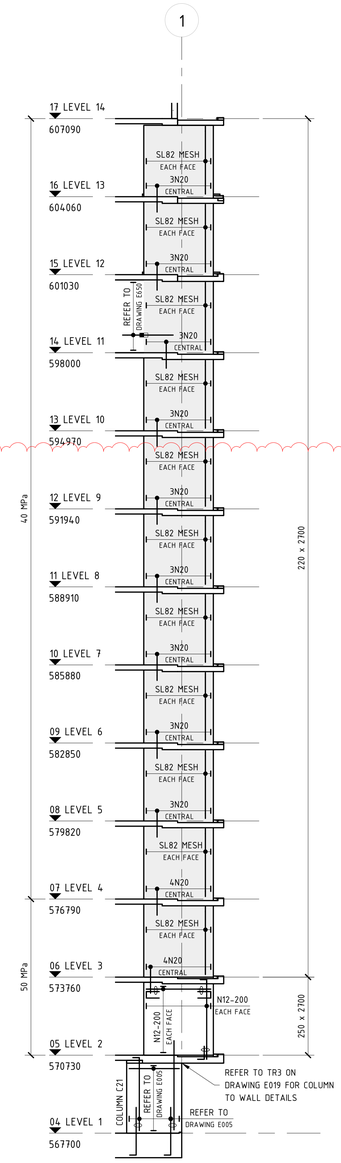


HOLD
BASEMENT LEVEL 10
ISSUE FOR
CONSTRUCTION ONLY

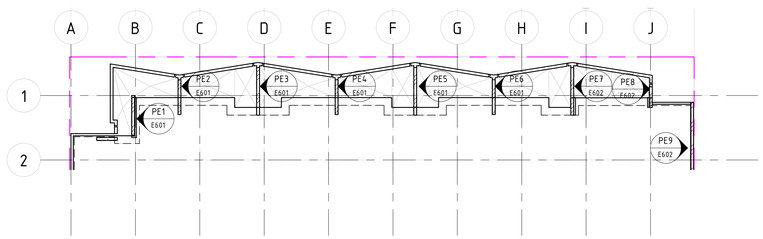
PE4 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1



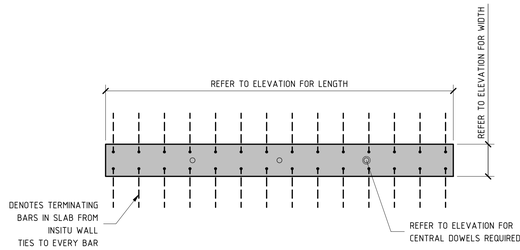
PE5 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1



PE6 PRECAST ELEVATION
E600 SCALE 1 : 100 @ B1



PRECAST KEYPLAN
SCALE 1 : 200 @ B1



TYPICAL INSITU TO PRECAST WALL TRANSITION
SCALE 1 : 20

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

LEGEND

H.J	DENOTES HORIZONTAL JOINT
V.J	DENOTES VERTICAL JOINT
D.J	DENOTES DUMMY JOINT
E/W	DENOTES EACH WAY
E/F	DENOTES EACH FACE
	DENOTES PRECAST ELEMENT
	DENOTES PRECAST SHEAR WALL
	DENOTES REBATE IN PANEL

TRIMMER NOTE

ALLOW FOR N16 TRIMMER BARS TO ALL PANELS & OPENINGS.

LEVELS NOTE:

LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE AR

NOTE: B1 DRAWING SHEE

BCA certifies
ABN: 58 133 755 756
SUPPORTING DOCUMENTATION
Issued for APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	16.12.2021	GC
D	REVISED AS CLOUDED	DS	16.11.2021	GC
C	REVISED AS CLOUDED	DS	15.11.2021	AL
B	REVISED AS CLOUDED	DS	11.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
6	REVISED AS CLOUDED	DS	15.09.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

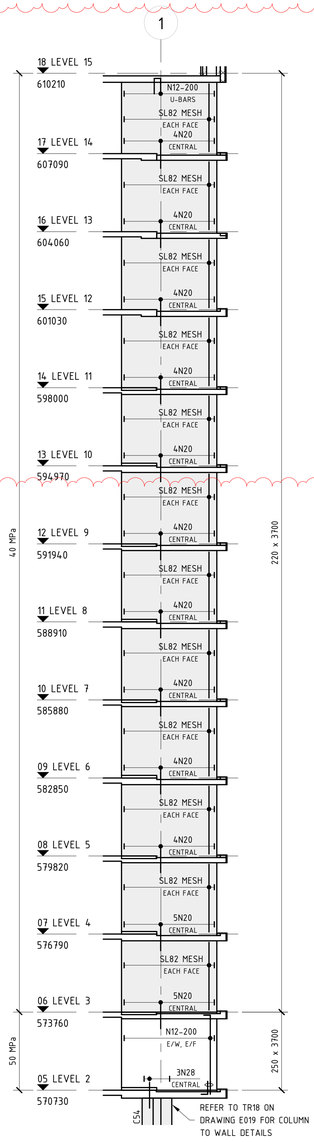
DRAWING TITLE
PRECAST ELEVATIONS - SHEET 1

NORTH POINT

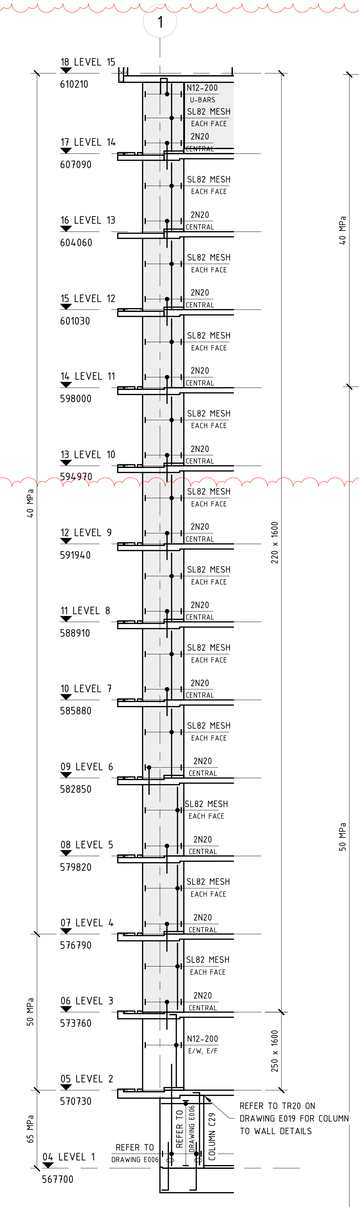
PROJECT No. 7774

DRAWING No. E601

AMDT E

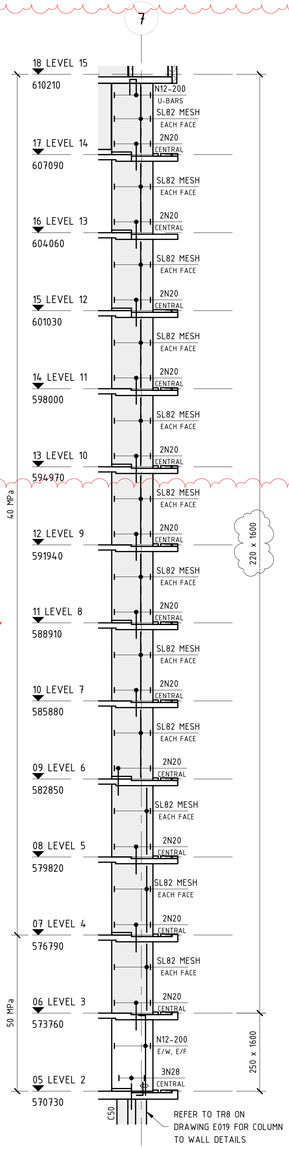


PE7 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1

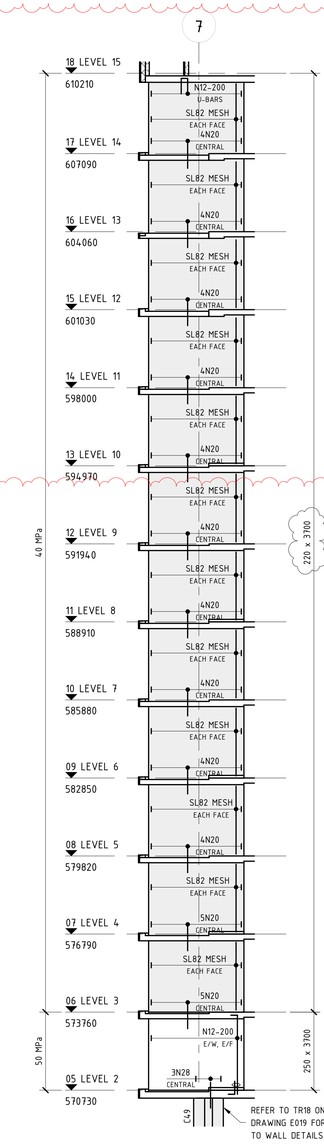


PE8 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1

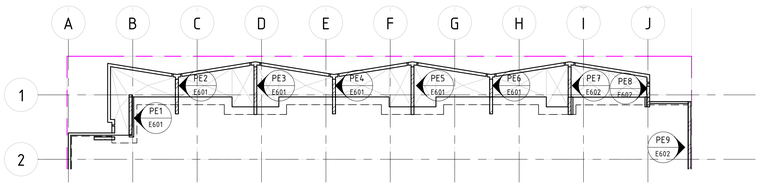
PE9 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



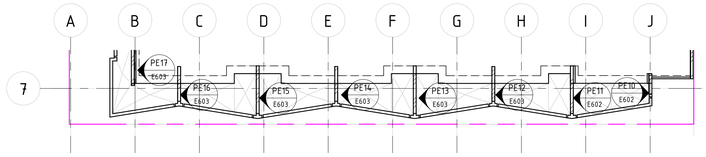
PE10 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



PE11 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



PRECAST KEYPLAN
SCALE 1 : 200 @ B1



PRECAST KEYPLAN
SCALE 1 : 200 @ B1

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

LEGEND

H.J	DENOTES HORIZONTAL JOINT
V.J	DENOTES VERTICAL JOINT
D.J	DENOTES DUMMY JOINT
E/W	DENOTES EACH WAY
E/F	DENOTES EACH FACE
	DENOTES PRECAST ELEMENT
	DENOTES PRECAST SHEAR WALL
	DENOTES REBATE IN PANEL

TRIMMER NOTE

ALLOW FOR N16 TRIMMER BARS TO ALL PANELS & OPENINGS.

LEVELS NOTE:
LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE
TO BE CONFIRMED BY THE AR

NOTE: B1 DRAWING ONLY

BCA certifiers
ABN: 58 133 783 754
SUPPORTING DOCUMENTATION
FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Stage 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	16.12.2021	GC
E	REVISED AS CLOUDED	DS	16.11.2021	GC
D	REVISED AS CLOUDED	DS	15.11.2021	AL
C	REVISED AS CLOUDED	DS	11.11.2021	GC
B	REVISED AS CLOUDED	DS	15.09.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

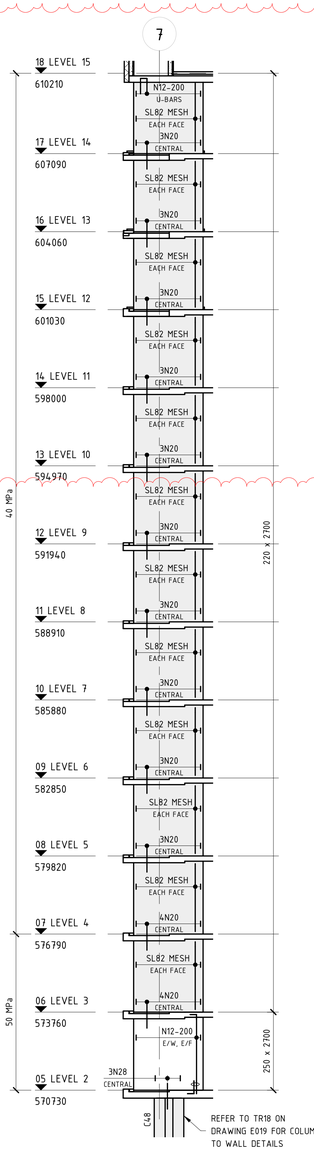
DRAWING TITLE
PRECAST ELEVATIONS - SHEET 2

NORTH POINT

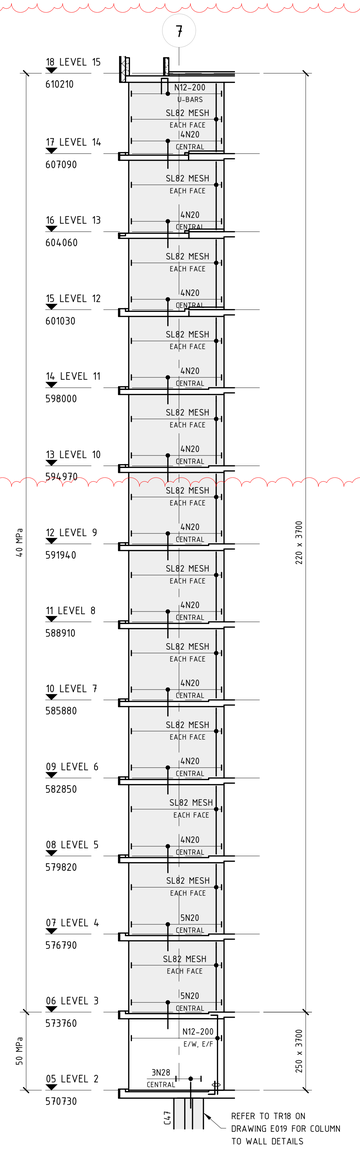
PROJECT No. 7774

DRAWING No. E602

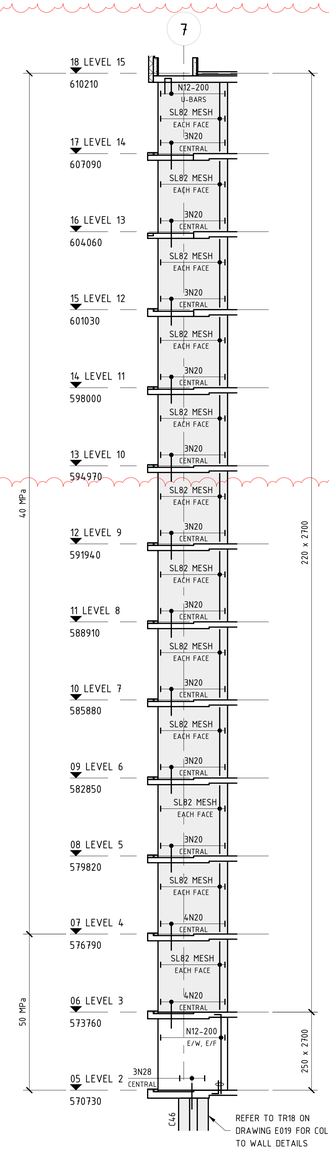
AMDT F



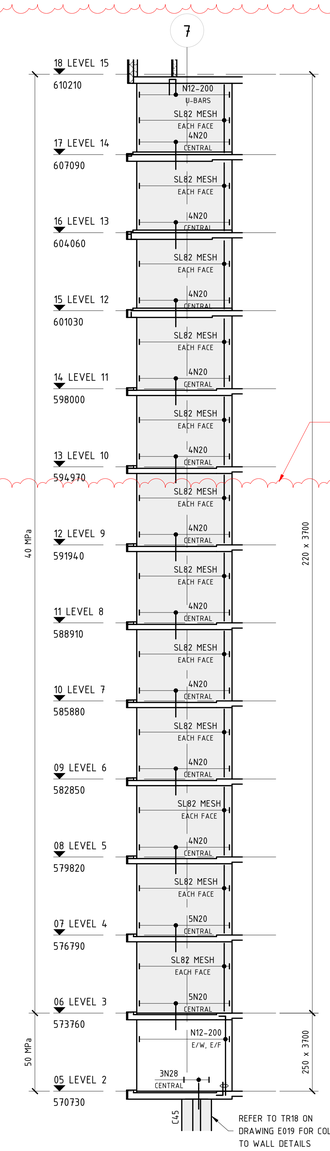
PE12 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



PE13 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1

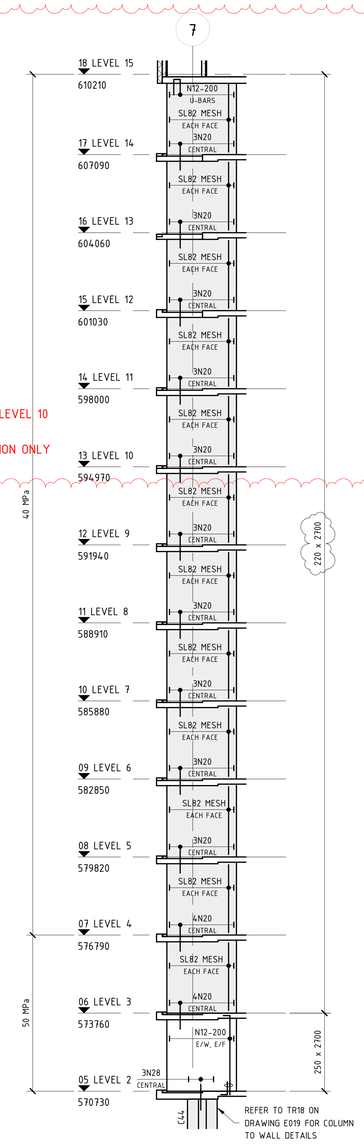


PE14 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1

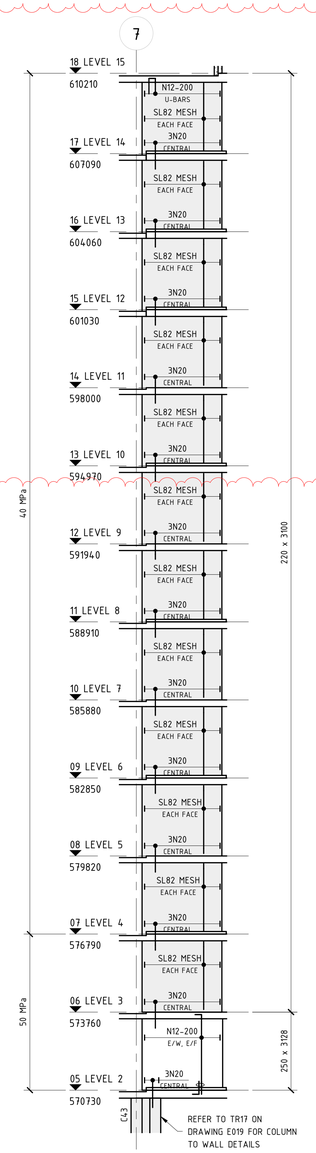


PE15 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1

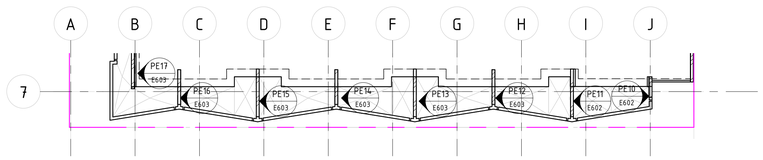
HOLD
BASEMENT LEVEL 10
ISSUE FOR
CONSTRUCTION ONLY



PE16 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



PE17 E600 PRECAST ELEVATION
SCALE 1 : 100 @ B1



PRECAST KEYPLAN
SCALE 1 : 200 @ B1

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

LEGEND

H.J	DENOTES HORIZONTAL JOINT
V.J	DENOTES VERTICAL JOINT
D.J	DENOTES DUMMY JOINT
E/W	DENOTES EACH WAY
E/F	DENOTES EACH FACE
	DENOTES PRECAST ELEMENT
	DENOTES PRECAST SHEAR WALL
	DENOTES REBATE IN PANEL

TRIMMER NOTE

ALLOW FOR N16 TRIMMER BARS TO ALL PANELS & OPENINGS.

LEVELS NOTE:

LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE AR

NOTE: B1 DRAWING SHEET

BCA certifies
ABN: 58 118 755 756
SUPPORTING DOCUMENTATION
Issued for APPROVAL
4 FEBRUARY 2022
BCS 2136/9
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	16.12.2021	GC
D	REVISED AS CLOUDED	DS	16.11.2021	GC
C	REVISED AS CLOUDED	DS	15.11.2021	AL
B	REVISED AS CLOUDED	DS	11.11.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	25.10.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
PRECAST ELEVATIONS - SHEET 3

NORTH POINT

PROJECT No. 7774

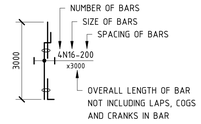
DRAWING No. E603

AMDT E

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

REINFORCEMENT NOTES

1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS, GRADE 500N
2. ALL BARS DENOTED AS 'R' (eg. R10) SHALL BE ROUND BARS, GRADE 250N
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS, GRADE 500N
4. ALL REINFORCMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



6. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
7. WALL STARTER BARS SHALL BE THE SAME SIZE AND NUMBER AS MAIN WALL VERTICAL REINFORCEMENT.

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
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BAR LAP & COG SCHEDULE		
BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (COG)
N12	800	200
N16	800	200
N20	800	245
N24	960	295
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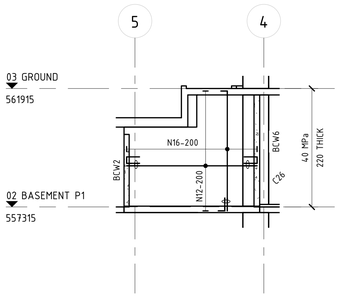
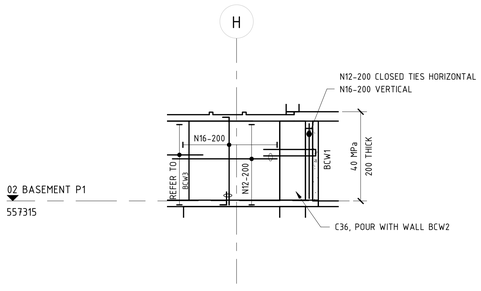
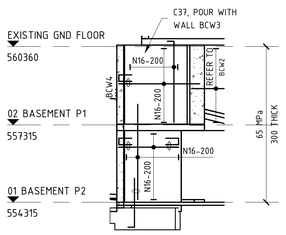
N32	1280	390
N36	1440	440



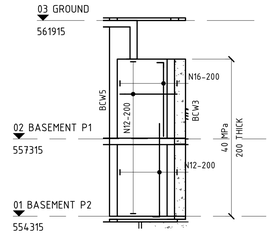
BCW1 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



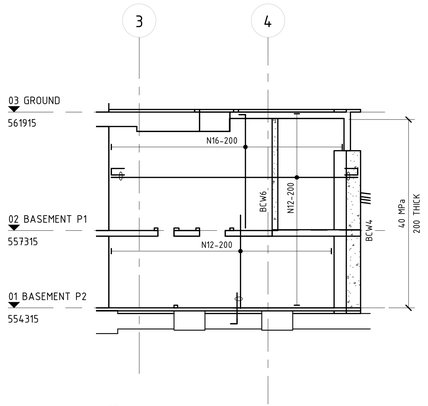
BCW2 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



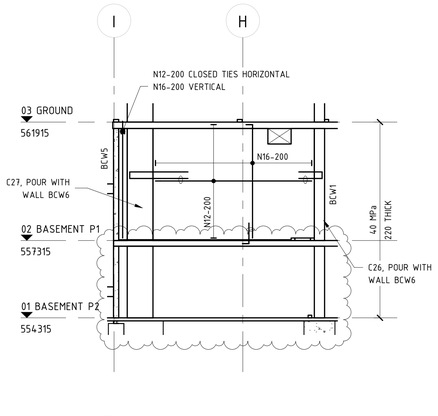
BCW3 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



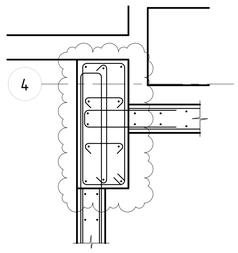
BCW4 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



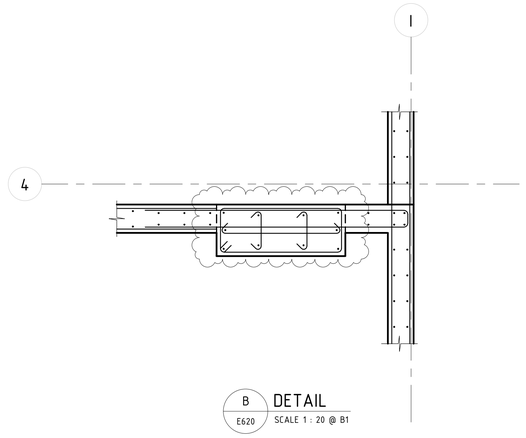
BCW5 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



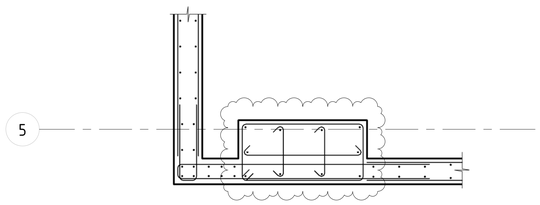
BCW6 E620 BASEMENT WALL ELEVATION
SCALE 1 : 100 @ B1



A E620 DETAIL
SCALE 1 : 20 @ B1



B E620 DETAIL
SCALE 1 : 20 @ B1



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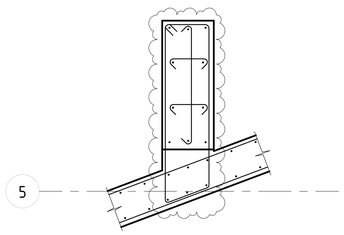
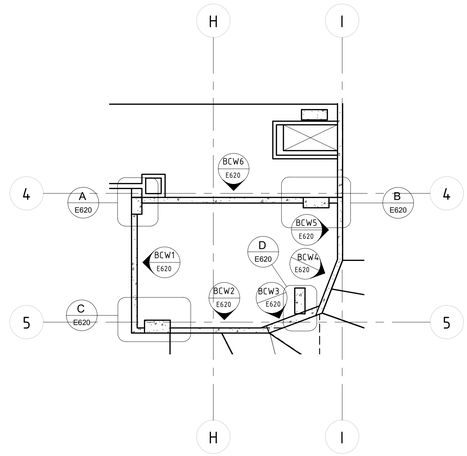


D E620 DETAIL
SCALE 1 : 20 @ B1



BASEMENT P1 MARKING PLAN
SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

BCA certifies
ABN: 58 118 759 734
SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 2136/9
Block 4 Section 12
CBR

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	REVISED AS CLOUDED	DS	16.11.2021	GC
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

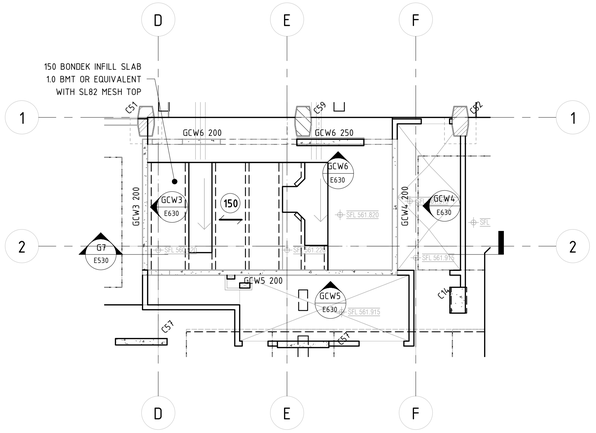
DRAWING TITLE
BASEMENT WALL ELEVATIONS

NORTH POINT

PROJECT No. 7774

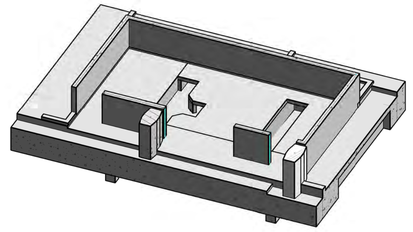
DRAWING No. E620

AMDT D



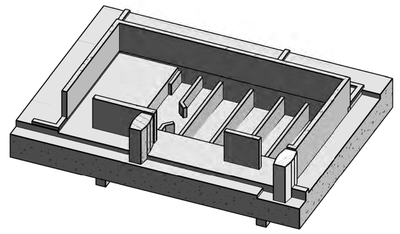
SUBSTATION MARKING PLAN

SCALE 1 : 100 @ B1



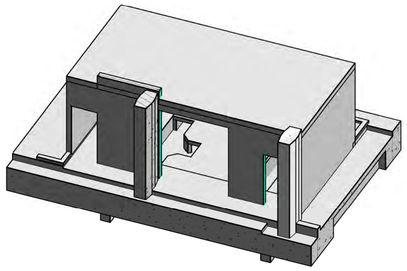
3D SUBSTATION PERSPECTIVE WITH TOPPING SLAB

SCALE @ B1



3D SUBSTATION PERSPECTIVE WITHOUT TOPPING SLAB

SCALE @ B1



3D SUBSTATION PERSPECTIVE SLAB OVER

SCALE @ B1

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
RC SLABS	40MPa	20	80
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80
SUB-STATION WALLS	40MPa	20	80

NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY 150mm THICK BONDEK SLAB POURED LATER ON BLOCKWORK
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- HOB — DENOTES CONCRETE HOB REFER TO ARCHITECTS DRAWINGS FOR SIZE
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

REINFORCEMENT NOTES

1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS. GRADE 500N
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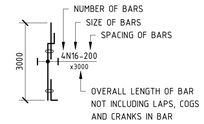
5. BAR TAG NOTATION:



6. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
7. WALL STARTER BARS SHALL BE THE SAME SIZE AND NUMBER AS MAIN WALL VERTICAL REINFORCEMENT.

WALL COVER SCHEDULE

WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
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BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (COG)
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N24	960	295
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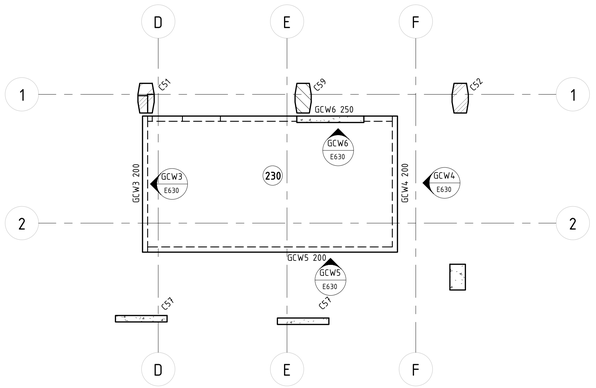
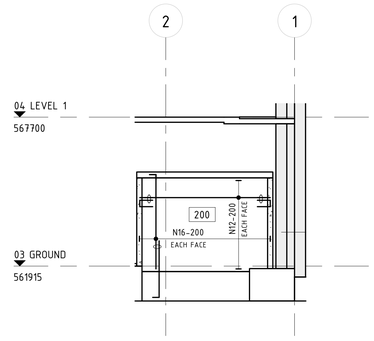
N36	1440	440



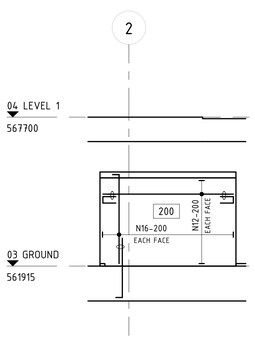
SLAB OVER SUBSTATION MARKING PLAN

SCALE 1 : 100 @ B1



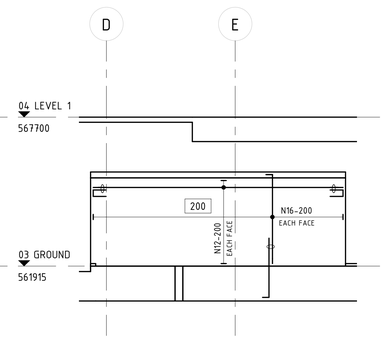
GCW3 E630 SUBSTATION WALL ELEVATION

SCALE 1 : 100 @ B1



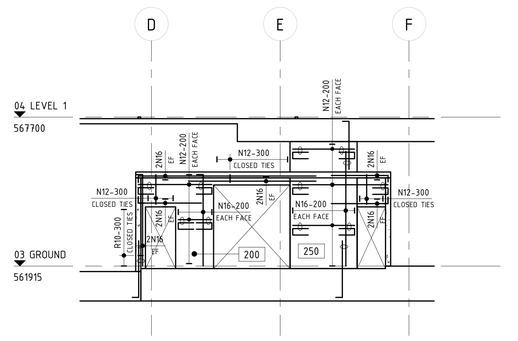
GCW4 E630 SUBSTATION WALL ELEVATION

SCALE 1 : 100 @ B1



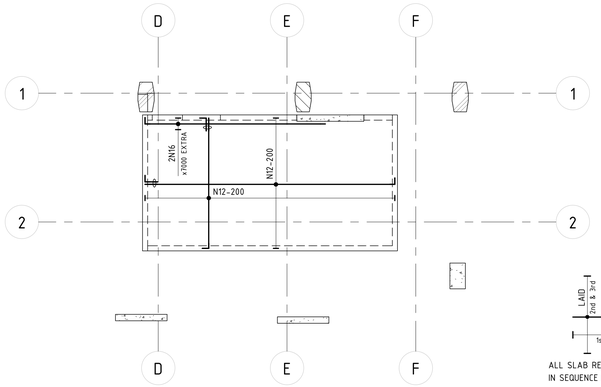
GCW5 E630 SUBSTATION WALL ELEVATION

SCALE 1 : 100 @ B1



GCW6 E630 SUBSTATION WALL ELEVATION

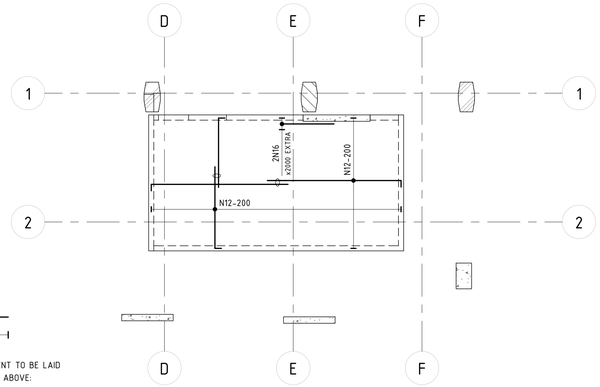
SCALE 1 : 100 @ B1



SLAB OVER SUBSTATION BOTTOM REINFORCEMENT PLAN

SCALE 1 : 100 @ B1

ALL SLAB REINFORCEMENT TO BE LAID IN SEQUENCE INDICATED ABOVE:



SLAB OVER SUBSTATION TOP REINFORCEMENT PLAN

SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	16.11.2021	GC
D	REVISED AS CLOUDED	DS	02.09.2021	GC
C	REVISED AS CLOUDED	DS	01.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
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CONSULT AUSTRALIA

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
SUBSTATION MARKING PLAN AND ELEVATIONS

PROJECT No. 7774

DRAWING No. E630

AMDT E

BCA certifiers
ABN: 58 159 793 784
SUPPORTING DOCUMENTATION - FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBR

NORTH POINT

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

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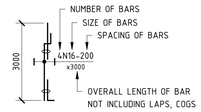

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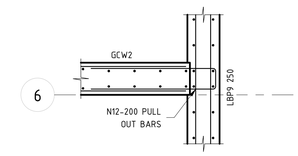
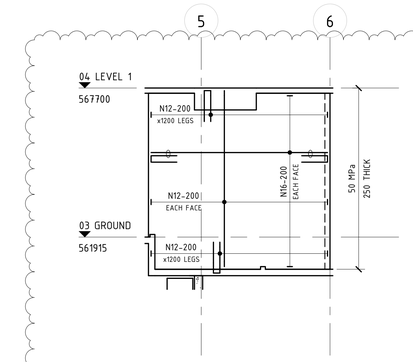
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440

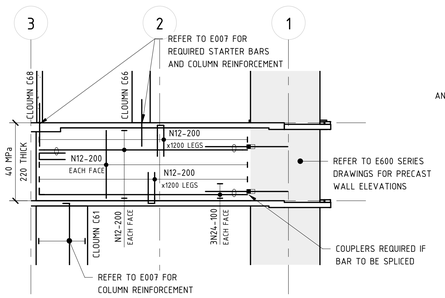
HOLD
BASEMENT TO GROUND FLOOR
ISSUE FOR CONSTRUCTION ONLY



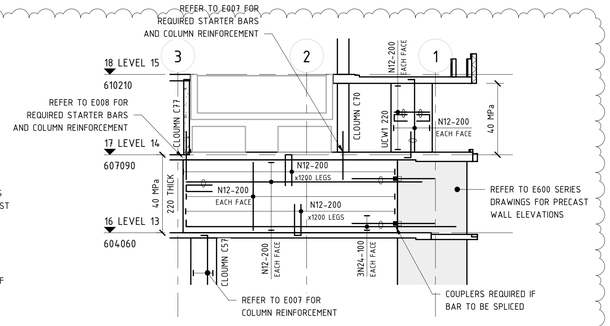
A-A E650 SECTION A-A
SCALE 1 : 20 @ B1



GCW1 E650 TRANSFER WALL ELEVATION
SCALE 1 : 100 @ B1



TW3 E650 TRANSFER WALL ELEVATION
SCALE 1 : 100 @ B1



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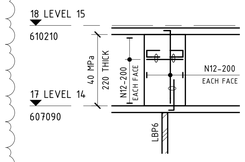
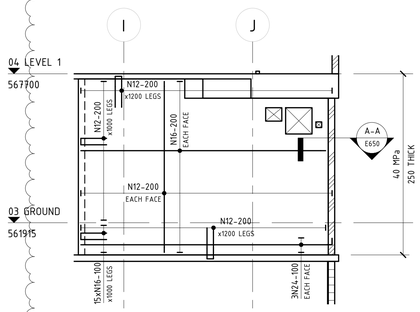
SCALE 1 : 100 @ B1



UCW3 E650 TRANSFER WALL ELEVATION
SCALE 1 : 100 @ B1



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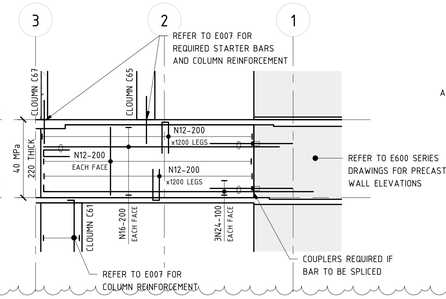
SCALE 1 : 100 @ B1



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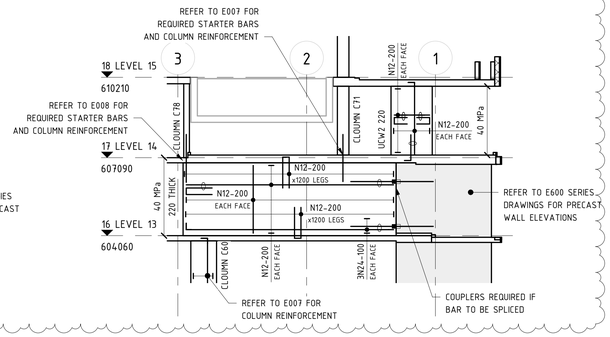
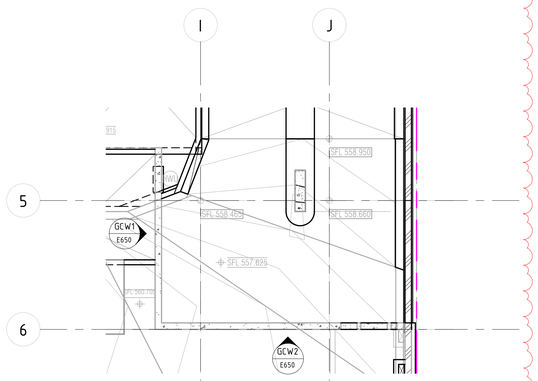
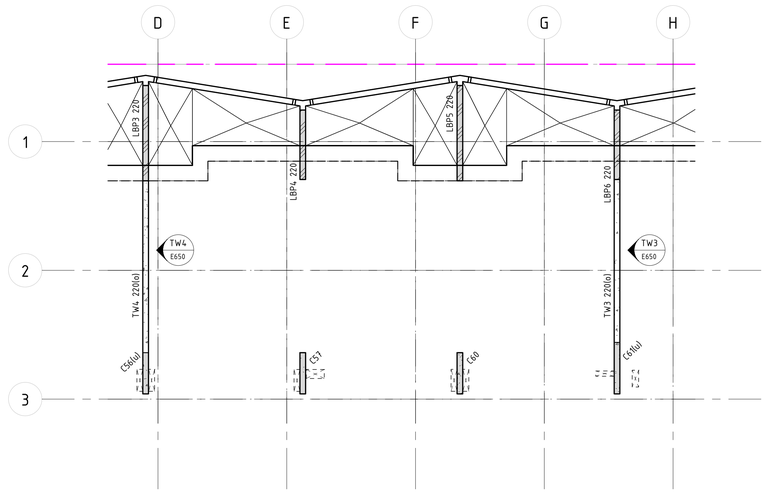
SCALE 1 : 100 @ B1



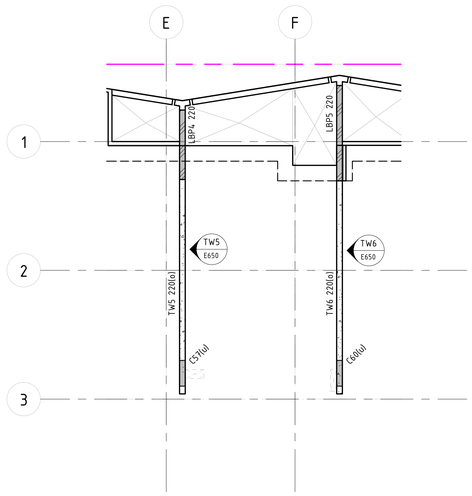
TW6 E650 TRANSFER WALL ELEVATION
SCALE 1 : 100 @ B1



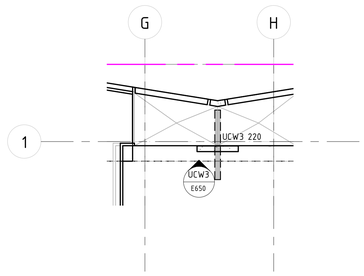
GROUND FLOOR - TRANSFER WALL KEYPLAN
SCALE 1 : 100 @ B1



LEVEL 11 - TRANSFER WALL KEYPLAN
SCALE 1 : 100 @ B1



LEVEL 13 - TRANSFER WALL KEYPLAN
SCALE 1 : 100 @ B1



LEVEL 14 TRANSFER WALL KEYPLAN
SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	16.11.2021	GC
B	REVISED AS CLOUDED	DS	15.09.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	GC
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TRANSFER WALL KEYPLAN AND ELEVATIONS

NORTH POINT

PROJECT No. 7774

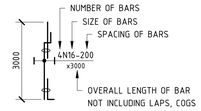
DRAWING No. E650

AMDT C

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

REINFORCEMENT NOTES

1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS. GRADE 500N
2. ALL BARS DENOTED AS 'R' (eg. R10) SHALL BE ROUND BARS. GRADE 250N
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS. GRADE 500N
4. ALL REINFORCEMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



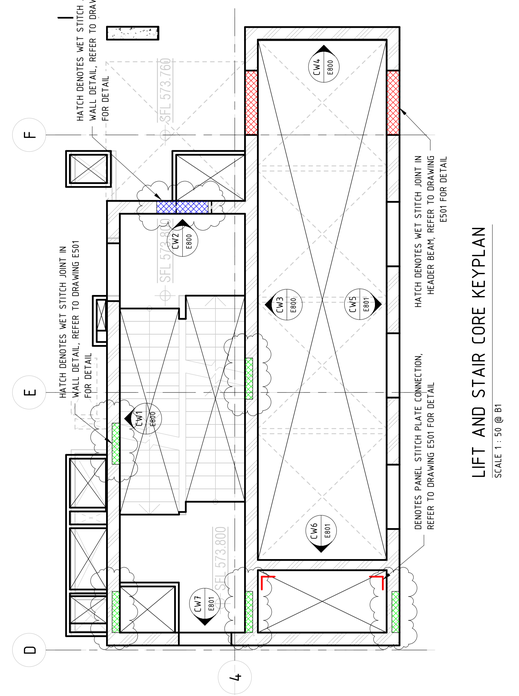
6. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
7. WALL STARTER BARS SHALL BE THE SAME SIZE AND NUMBER AS MAIN WALL VERTICAL REINFORCEMENT.

HB? DENOTES HEADER BEAM REINFORCEMENT REFER TO DRAWING E503 FOR SCHEDULE

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440

CONCRETE ELEMENT	LEVEL	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
INSITU CORE WALLS	P2 - L1	N50	20	80
PRECAST CORE WALLS	L1 - L11	N50	20	80
	L11 - ROOF	N40	20	80



LEVELS NOTE:
LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE ARCHITECT.

TRIMMER NOTE

ALLOW FOR N16 TRIMMER BARS TO ALL PANELS & OPENINGS.

NOTE: B1 DRAWING SUITE

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	FH	12.10.2021	AL
E	REVISED AS CLOUDED	FH	06.10.2021	AL
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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FENDER KATSALIDIS

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CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LIFT AND STAIR WALL ELEVATIONS - SHEET 1

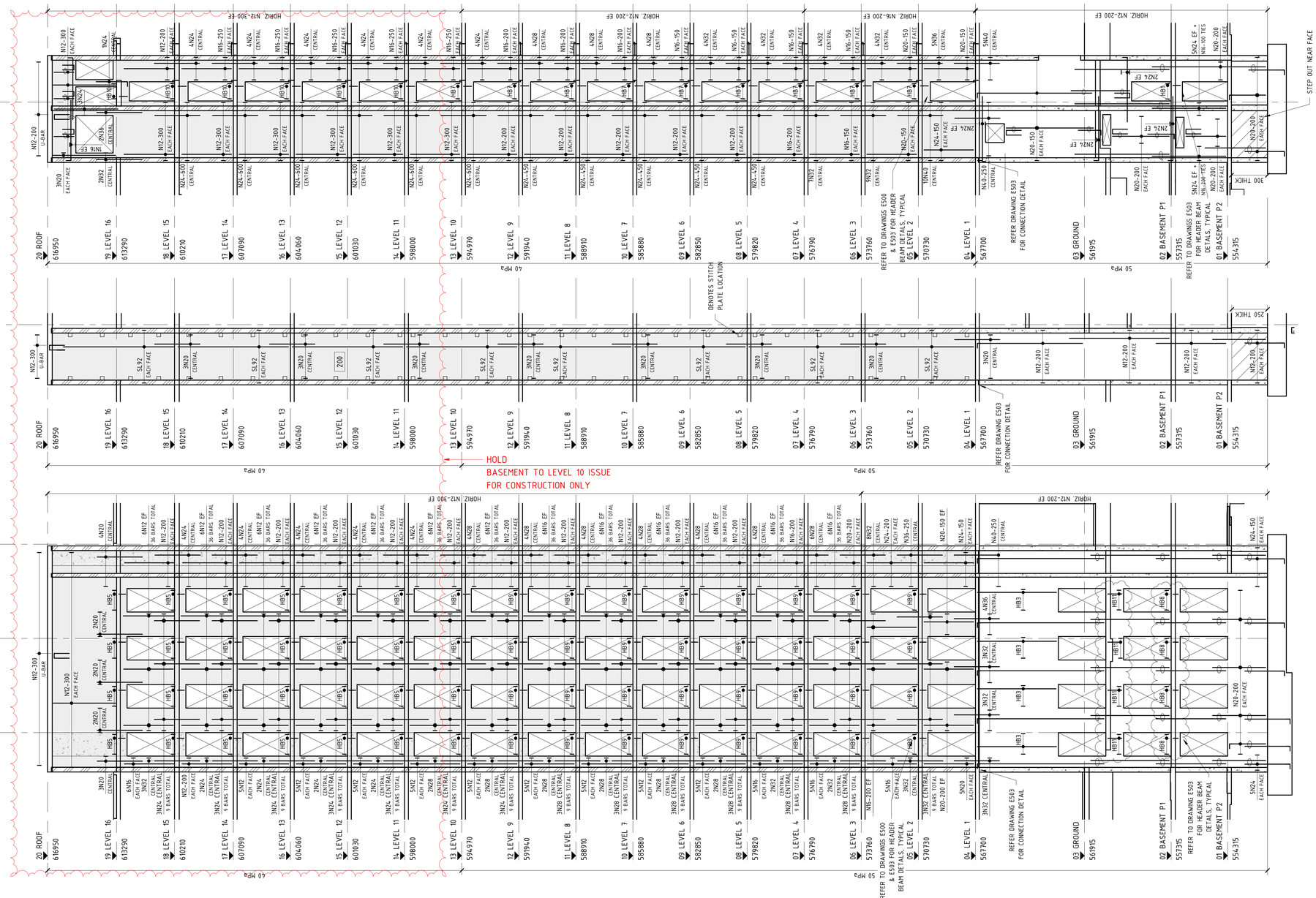
PROJECT No. 7774

DRAWING No. E800

AMDT F

BCA certifiers ABN: 58 110 770 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

NORTH POINT



CW7 ELEVATION
SCALE 1 : 100 @ B1

CW6 ELEVATION
SCALE 1 : 100 @ B1

CW5 ELEVATION
SCALE 1 : 100 @ B1

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

REINFORCEMENT NOTES

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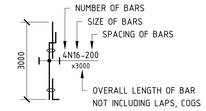
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS. GRADE 500N
4. ALL REINFORCEMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



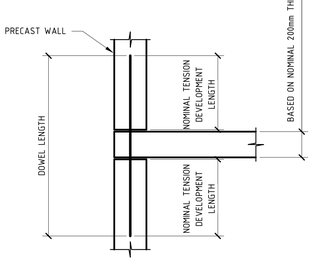
6. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
7. WALL STARTER BARS SHALL BE THE SAME SIZE AND NUMBER AS MAIN WALL VERTICAL REINFORCEMENT.

HB? DENOTES HEADER BEAM REINFORCEMENT REFER TO DRAWING E503 FOR SCHEDULE

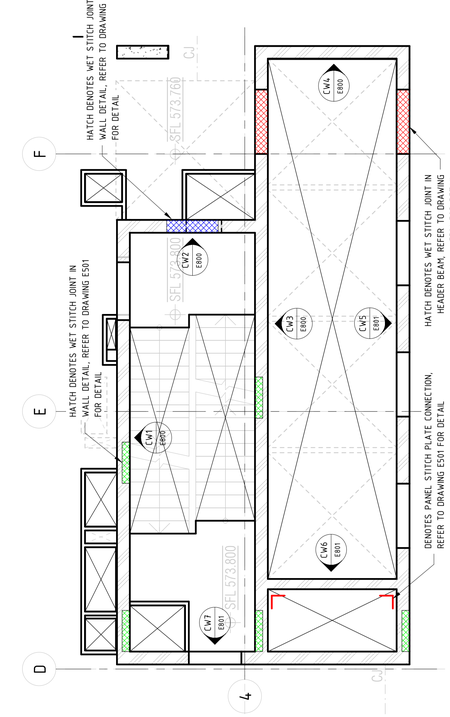
BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (COG)
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440

CONCRETE ELEMENT	LEVEL	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
INSITU CORE WALLS	P2 - L1	N50	20	80
PRECAST CORE WALLS	L1 - L11	N50	20	80
	L11 - ROOF	N40	20	80



DOWEL BAR SCHEDULE	
BAR DIAMETER	LENGTH (mm)
N12	1000
N16	1300
N20	1500
N24	1700
N28	2000
N32	2200
N36	2500
N40	3100



LIFT AND STAIR CORE KEYPLAN
SCALE 1 : 50 @ B1

LEVELS NOTE:
LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE ARCHITECT.

TRIMMER NOTE

ALLOW FOR N16 TRIMMER BARS TO ALL PANELS & OPENINGS.

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMEND BY
G	REVISED AS CLOUDED	DS	15.11.2021	AL
F	REVISED AS CLOUDED	FH	12.10.2021	AL
E	REVISED AS CLOUDED	FH	06.10.2021	AL
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	MM	19.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
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4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
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DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LIFT AND STAIR WALL ELEVATIONS - SHEET 2

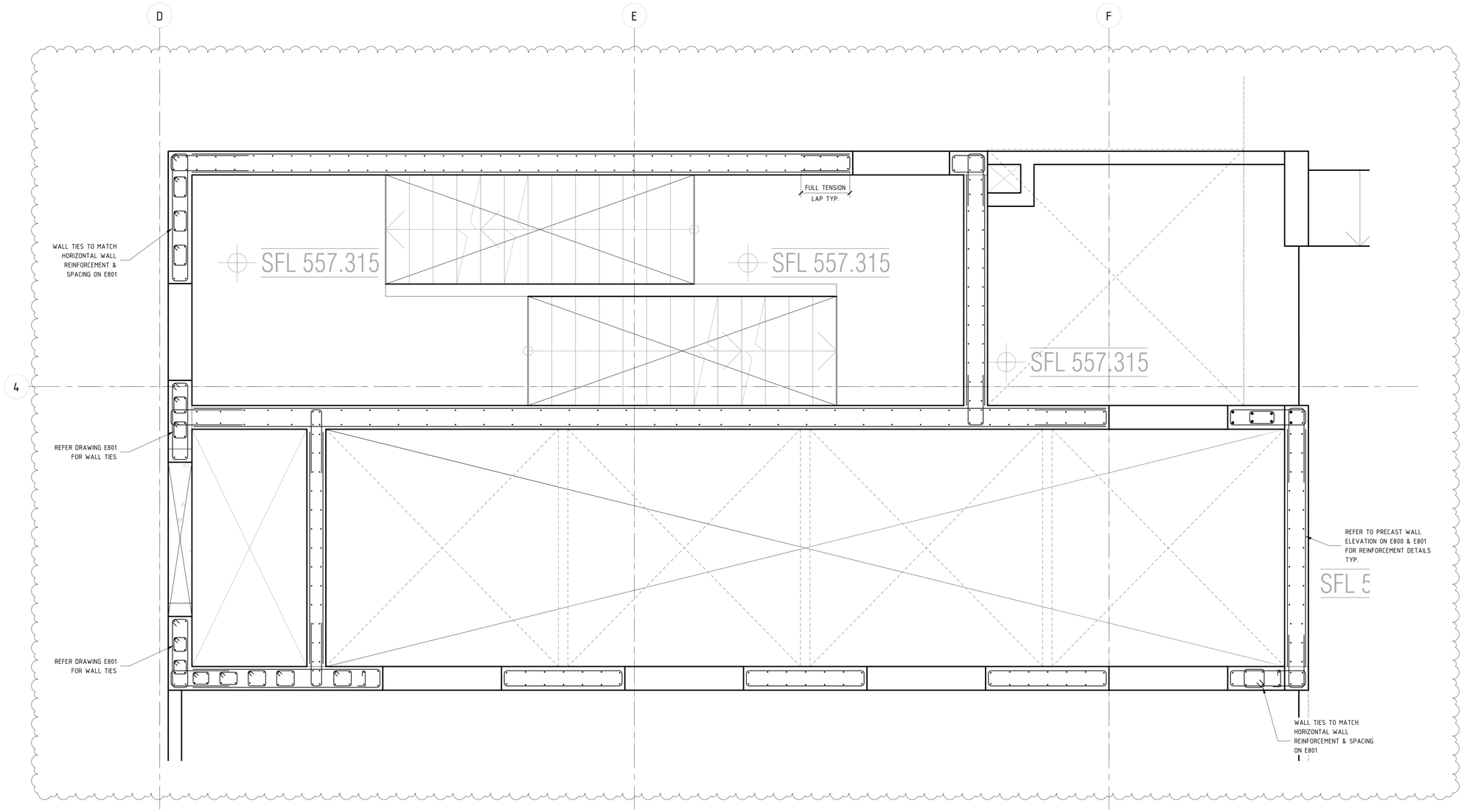
PROJECT No. 7774

DRAWING No. E801

AMDT G

BCA certifiers ABN: 58 133 755 754
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Stage 12
CW7

NORTH POINT



LIFT PIT TO UNDERSIDE GROUND FLOOR WALL TIES KEY PLAN

SCALE 1 : 20 @ B1

REFER TO WALL SCHEDULE ON DRAWINGS E800 & E801 FOR REINFORCEMENT AND DOWEL BAR SIZES AND SP

NOTE: B1 DRAWING SHEE

BCA certifiers
ABN: 58 118 759 784
SUPPORTING DOCUMENTATION
ISSUED FOR APPROVAL
4 FEBRUARY 2022
BCS 213679
Block 4 Section 12
CBD

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	FH	11.10.2021	AL
B	REVISED AS CLOUDED	FH	06.10.2021	AL
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC

ARCHITECT / BUILDING DESIGNER
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DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

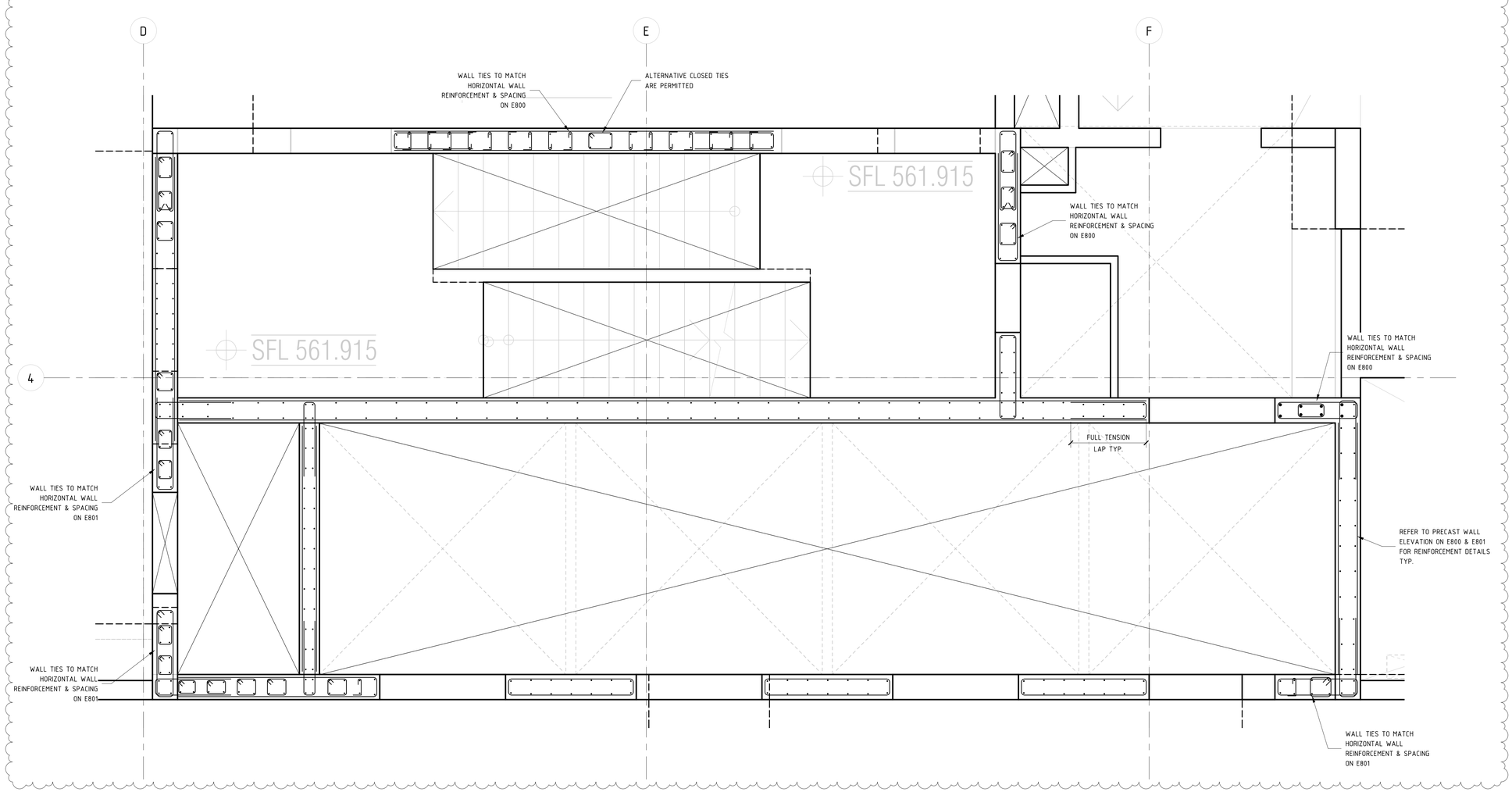
DRAWING TITLE
LIFT AND STAIR WALL TIE PLANS
- SHEET 1

NORTH POINT

PROJECT No. 7774

DRAWING No. E802

AMDT C



GROUND FLOOR WALL TIES KEY PLAN

SCALE 1 : 20 @ B1

REFER TO WALL SCHEDULE ON DRAWINGS E800 & E801 FOR REINFORCEMENT AND DOWEL BAR SIZES AND SP

NOTE: B1 DRAWING SHEE

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	FH	11.10.2021	AL
B	REVISED AS CLOUDED	FH	06.10.2021	AL
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC

ARCHITECT / BUILDING DESIGNER

FENDER KATSALIDIS

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DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT

MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

DRAWING TITLE

LIFT AND STAIR WALL TIE PLANS
- SHEET 2

PROJECT No. 7774

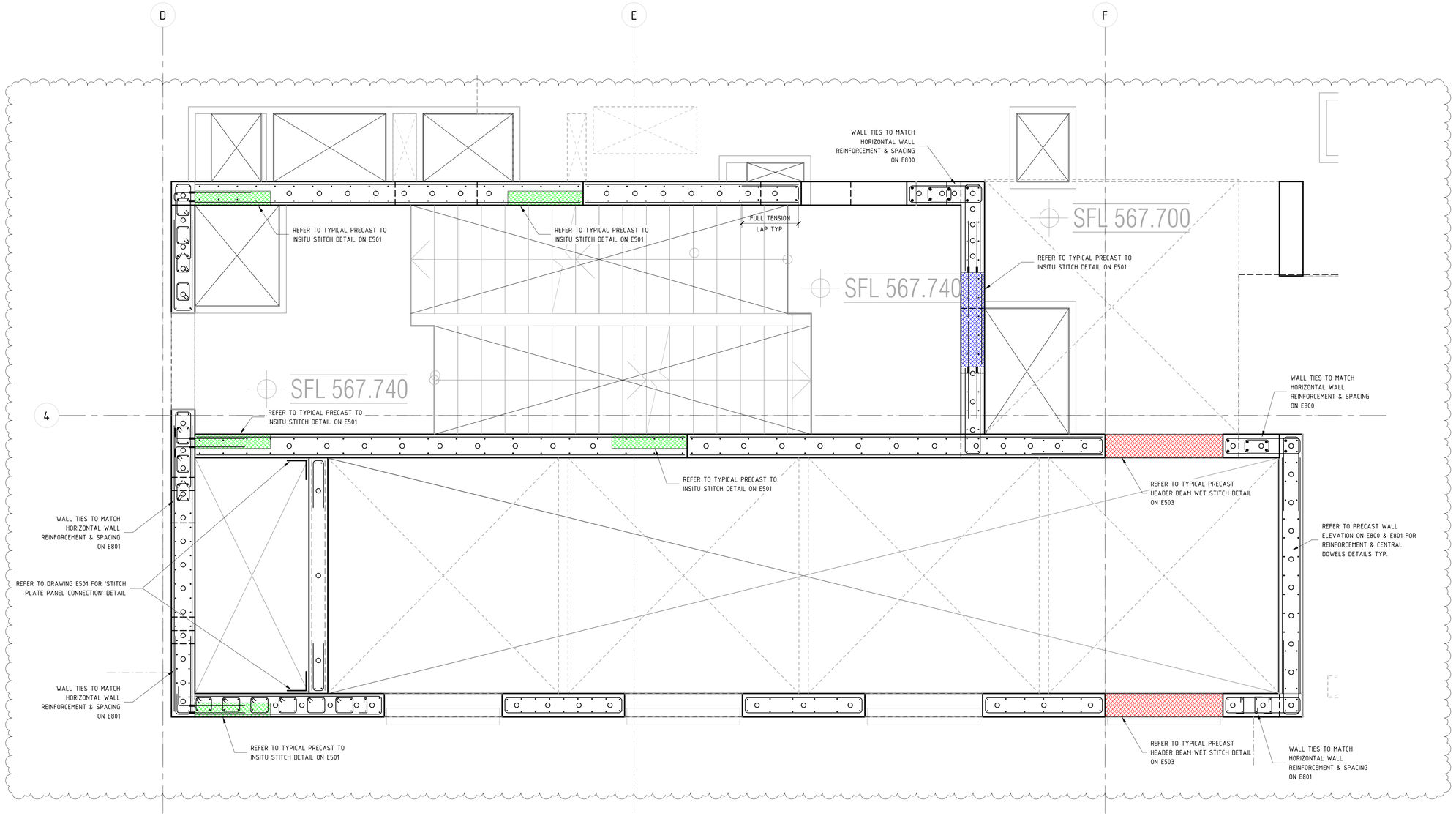
DRAWING No. E803

AMDT C

BCA certifiers
ABN: 58 118 759 756

SUPPORTING DOCUMENTATION FOR APPROVAL
4 FEBRUARY 2022
BCS 21679
Block 4 Section 12
CBD

NORTH POINT



LEVEL 1 WALL TIES KEY PLAN

SCALE 1 : 20 @ B1

REFER TO WALL SCHEDULE ON DRAWINGS E800 & E801 FOR REINFORCEMENT AND DOWEL BAR SIZES AND SPACINGS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	FH	11.10.2021	AL
A	ISSUED FOR CONSTRUCTION	FH	06.10.2021	AL

ARCHITECT / BUILDING DESIGNER

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT

MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

DRAWING TITLE

LIFT AND STAIR WALL TIE PLANS
- SHEET 3

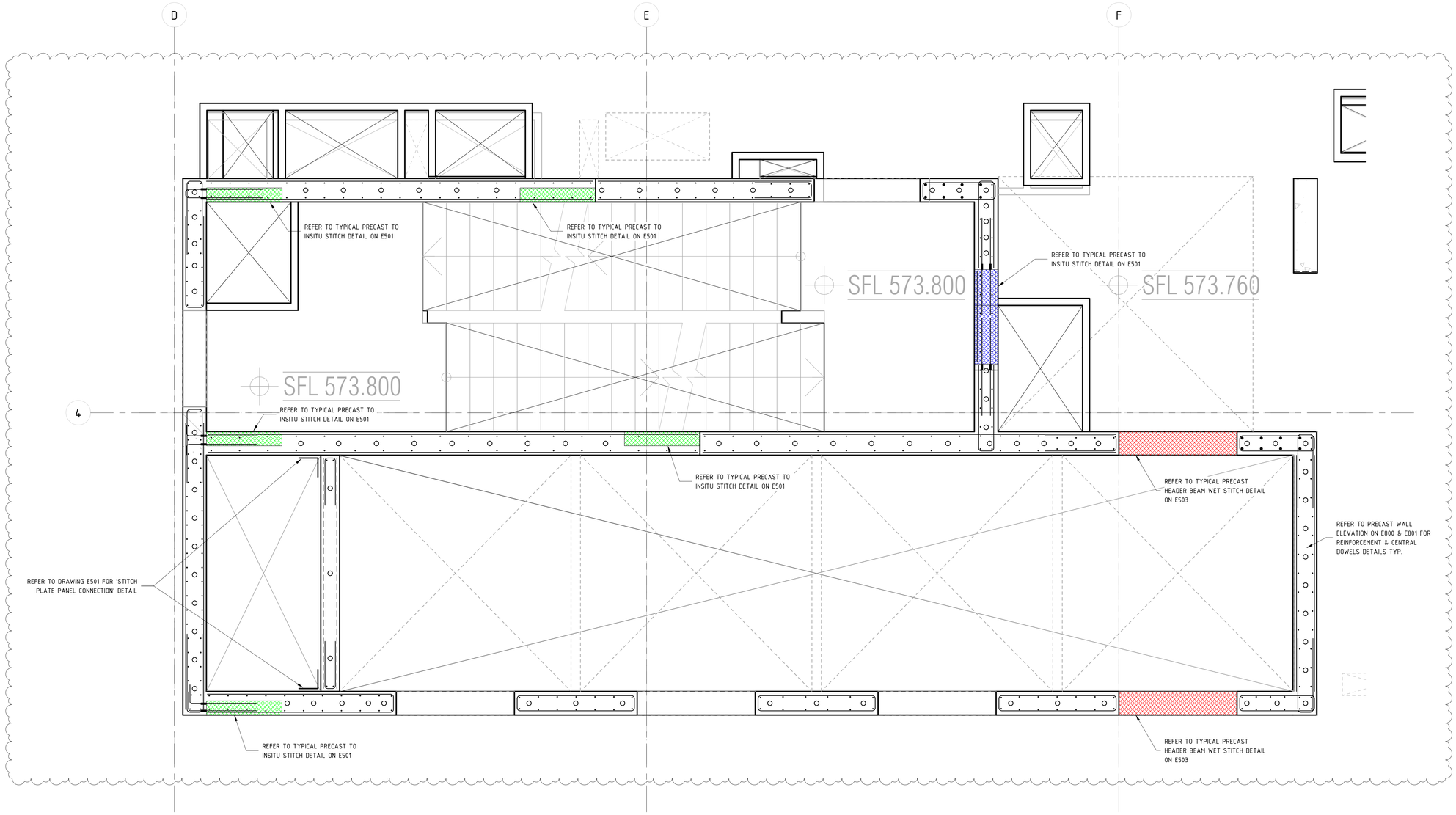
NORTH POINT

PROJECT No. 7774

DRAWING No. E804

AMDT B

BCA certifiers
ABN: 58 129 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
ORY



LEVEL 2 WALL TIES KEY PLAN

SCALE 1 : 20 @ B1
(LEVEL 3 - LEVEL 15 SIMILAR)

REFER TO WALL SCHEDULE ON DRAWINGS E800 & E801 FOR REINFORCEMENT AND DOWEL BAR SIZES AND SPACINGS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	FH	11.10.2021	AL
A	ISSUED FOR CONSTRUCTION	FH	06.10.2021	AL

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CHECKED	DS
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CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

DRAWING TITLE
LIFT AND STAIR WALL TIE PLANS
- SHEET 4

NORTH POINT

PROJECT No. 7774

DRAWING No. E805

AMDT B

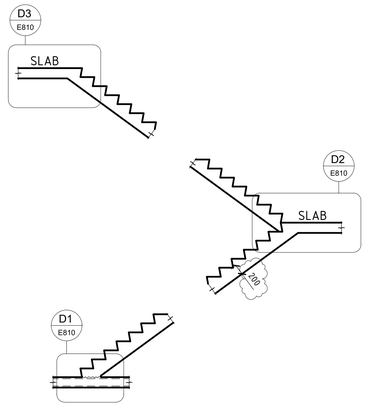
BCA certifiers
ABN: 58 133 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBD

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SPECIFIED SLUMP
STAIR FLIGHT	N32	20	80

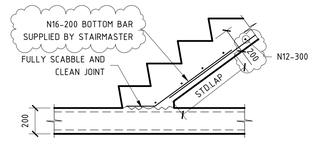
BAR LAP SCHEDULE

BAR	STAIR REINFORCEMENT LAP LENGTH
N12	500
N16	650

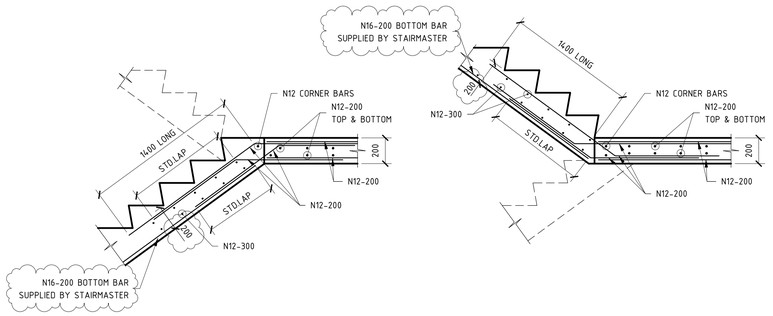
TYPICAL STAIR PLAN
SCALE 1:50 @ B1



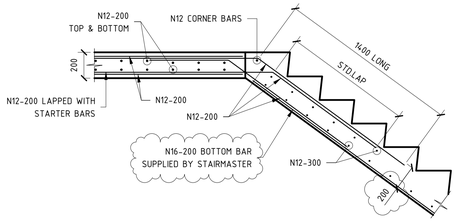
TYPICAL STAIR ELEVATION
SCALE 1:50 @ B1



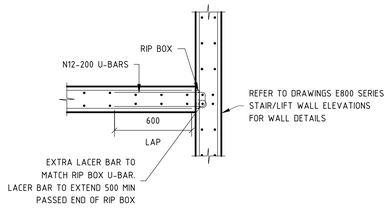
D1 E810 TYPICAL SLAB ON GROUND DETAIL
SCALE 1 : 20 @ B1



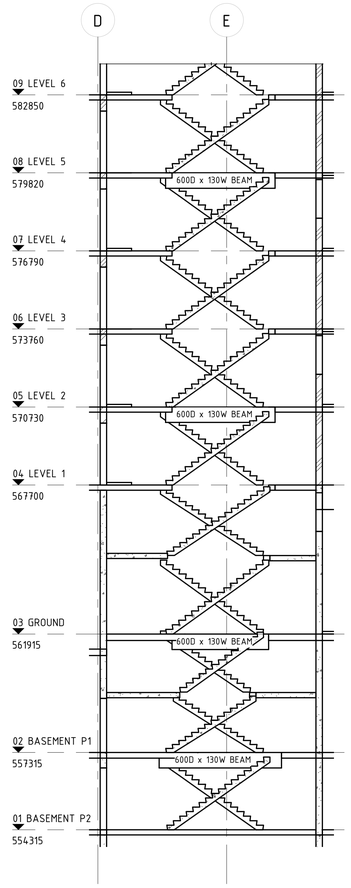
D2 E810 TYPICAL DETAIL AT TOP OF FLIGHT
SCALE 1 : 20 @ B1

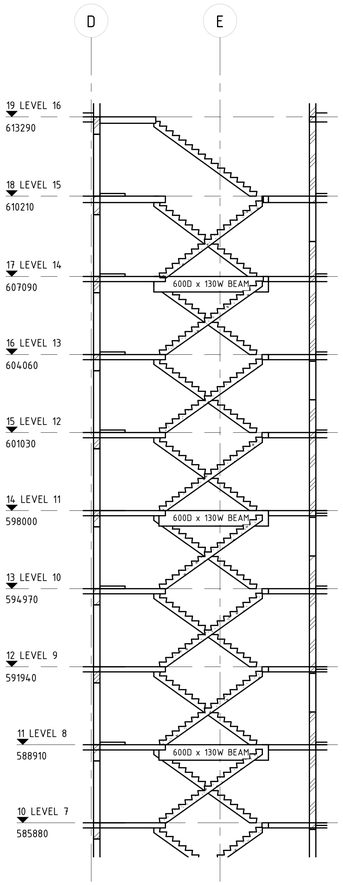


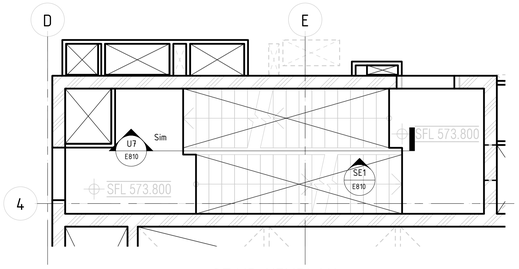
D3 E810 TYPICAL TOP OF FLIGHT DETAIL
SCALE 1 : 20 @ B1



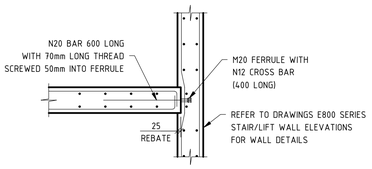
TYPICAL RIP BOX DETAIL
SCALE 1:20 @ B1



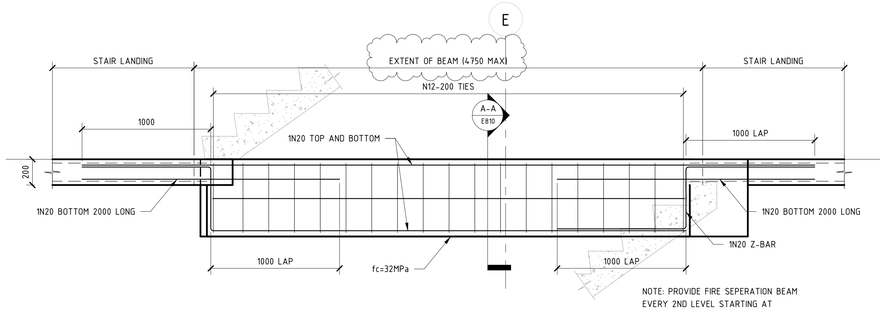




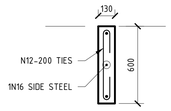
STAIR KEYPLAN
SCALE 1 : 50 @ B1



TYPICAL FERRULE DETAIL
SCALE 1:20 @ B1



U7 E810 TYPICAL SECTION
SCALE 1 : 20 @ B1

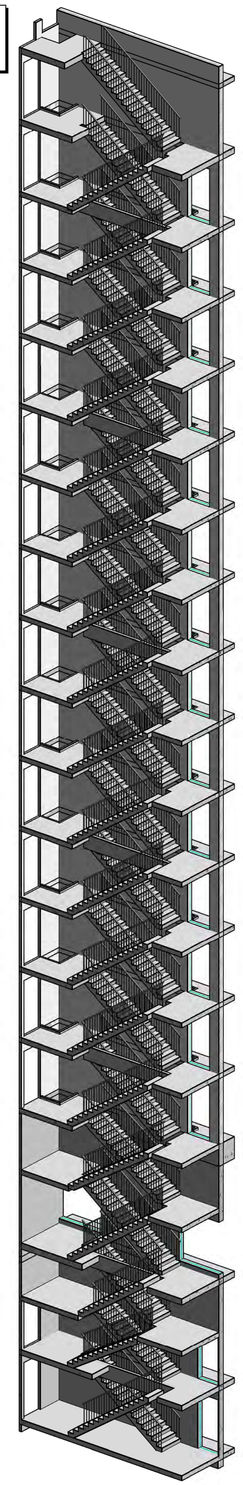


A-A E810 TYPICAL SECTION
SCALE 1 : 20 @ B1

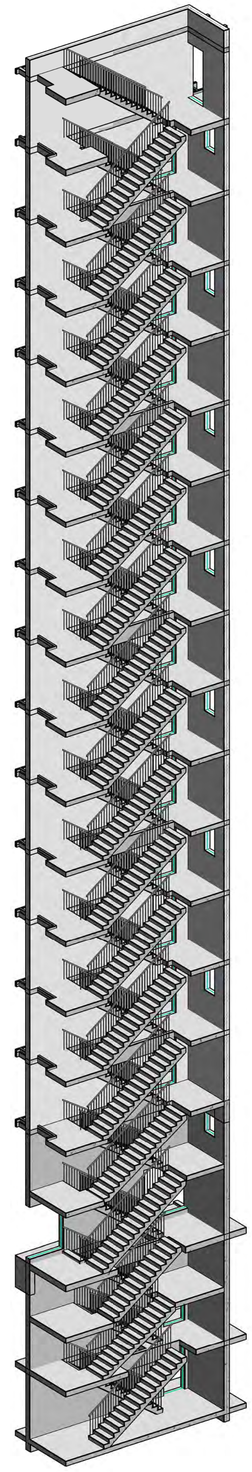
SE1 E810 STAIR ELEVATION
SCALE 1 : 100 @ B1

SE1 E810 STAIR ELEVATION
SCALE 1 : 100 @ B1

NOTE:
THESE PERSPECTIVES ARE FOR
VISUALISATION PURPOSES ONLY.



3D STAIR PERSPECTIVE 1
SCALE @ B1



3D STAIR PERSPECTIVE 2
SCALE @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	15.11.2021	AL
D	REVISED AS CLOUDED	DS	20.10.2021	GC
C	REVISED AS CLOUDED	DS	15.09.2021	GC
B	REVISED AS CLOUDED	DS	10.09.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

INDESCO
www.indesco.com.au
CANBERRA
SYDNEY
WOLLONGONG
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL STAIR DETAILS

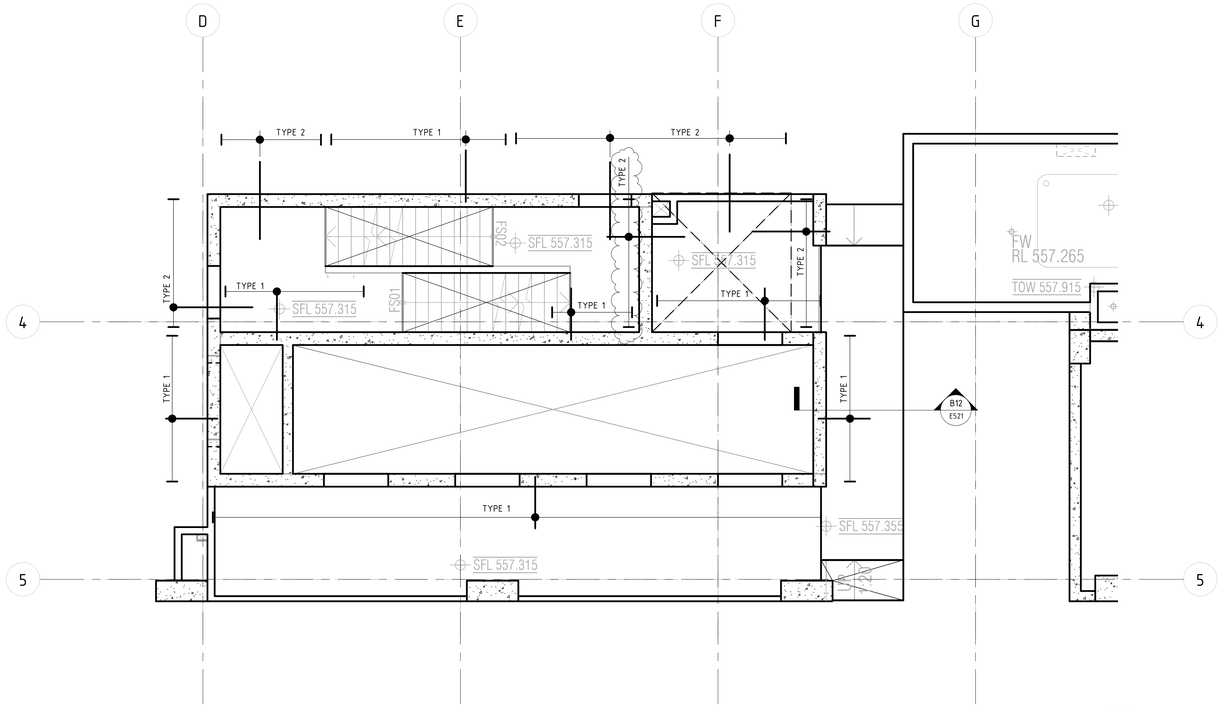
PROJECT No.
7774

DRAWING No.
E810

AMDT
E

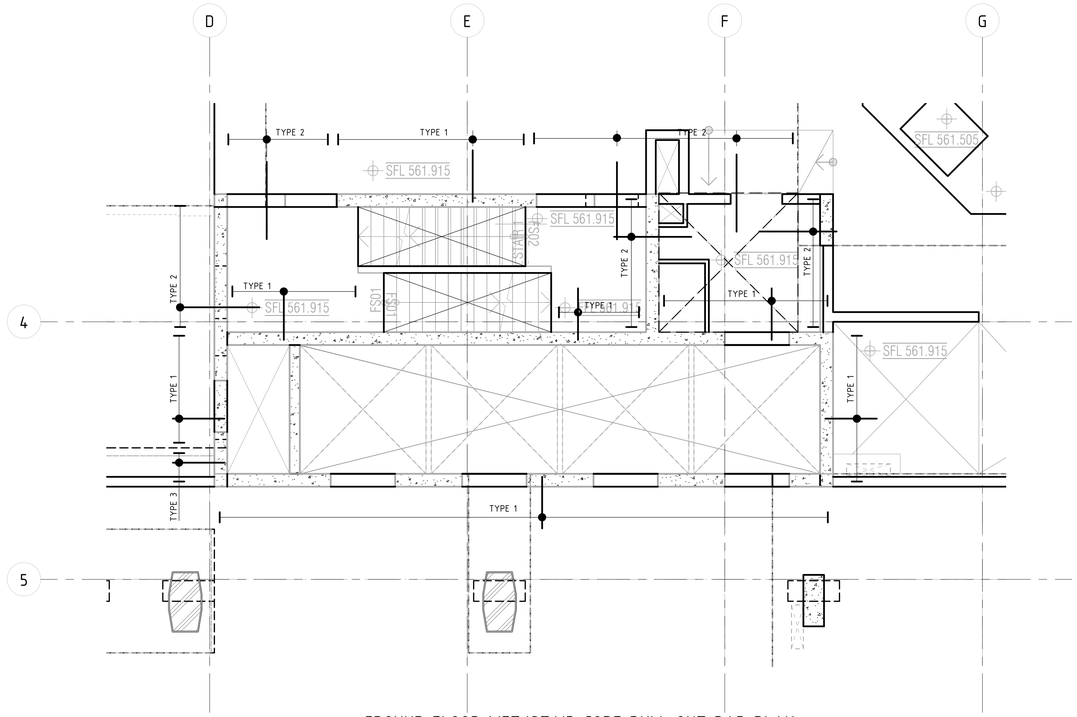
NORTH POINT

BCA certifiers
ABN: 58 139 755 734
SUPPORTING DOCUMENTATION
FOR BUILDING
APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR



BASEMENT P1 LIFT/STAIR CORE PULL OUT BAR PLAN

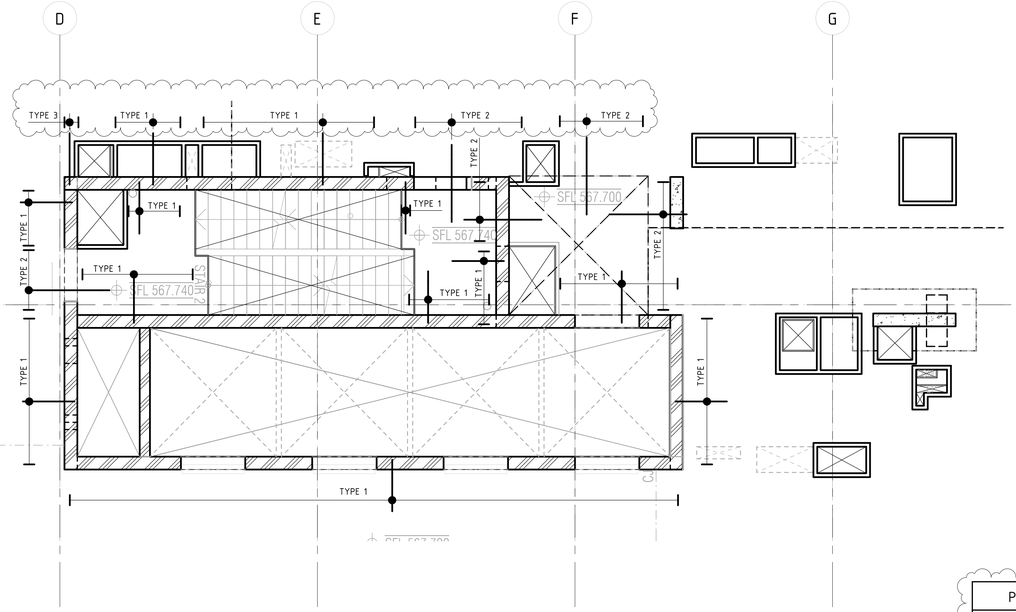
SCALE 1 : 50 @ B1



GROUND FLOOR LIFT/STAIR CORE PULL OUT BAR PLAN

SCALE 1 : 50 @ B1

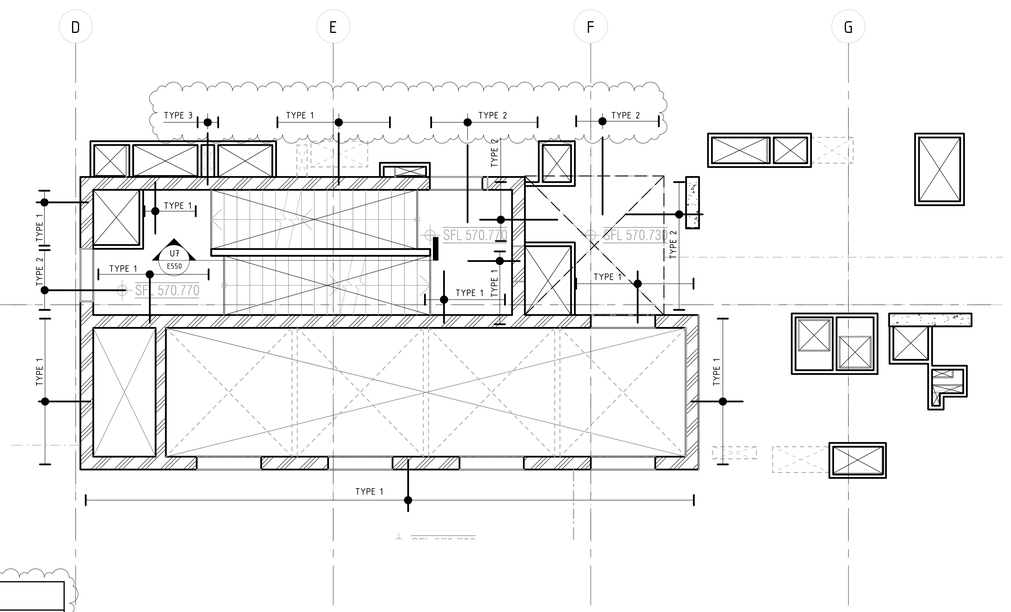
HOLD
BASEMENT TO GROUND FLOOR
ISSUE FOR CONSTRUCTION ONLY



LEVEL 1 LIFT/STAIR CORE PULL OUT BAR PLAN

SCALE 1 : 50 @ B1

PULL-OUT/COUPLER BAR SCHEDULE	
TYPE 1	N12-200 U-BARS RIPBOX WITH 2N12 CORNER BARS
TYPE 2	N12-200 COUPLER BARS (800 LEGS EACH SIDE)
TYPE 3	N12-110 U-BARS RIPBOX WITH 2N12 CORNER BARS



LEVEL 2 LIFT/STAIR CORE PULL OUT BAR PLAN

SCALE 1 : 50 @ B1

NOTE: B1 DRAWING SHEET

BCA certifiers
ABN: 58 118 759 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
4 FEBRUARY 2022
BCS 211679
Block 4 Section 12
CBR

NORTH POINT

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	DS	16.11.2021	GC
A	ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC

ARCHITECT / BUILDING DESIGNER

FENDER KATSALIDIS

CLIENT

KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED

Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
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www.indesco.com.au

CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT

MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE

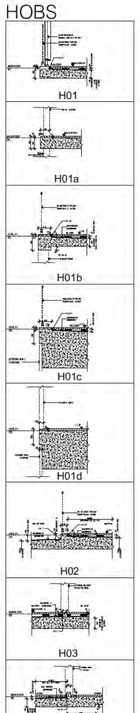
LIFT/STAIR CORE PULL OUT BAR PLAN - SHEET 1

PROJECT No. 7774

DRAWING No. E820

AMDT B

HOBS



BCA certifiers
ABN: 58 119 755 734

Date Issued: 9 March 2022

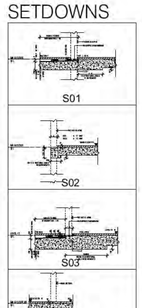
BUILDING APPROVAL Issued Under S.28 of the Building Act 2004.

BCA Certifiers Australia Pty Ltd Lic. No: 200714

3, 6 & 7a BCA Occupancy Class: A
BCA Type of Construction

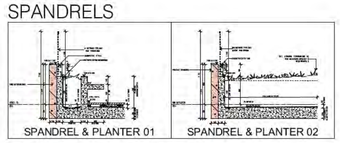
Building Approval Plans are to be Read in Conjunction with the Building Approval Letter

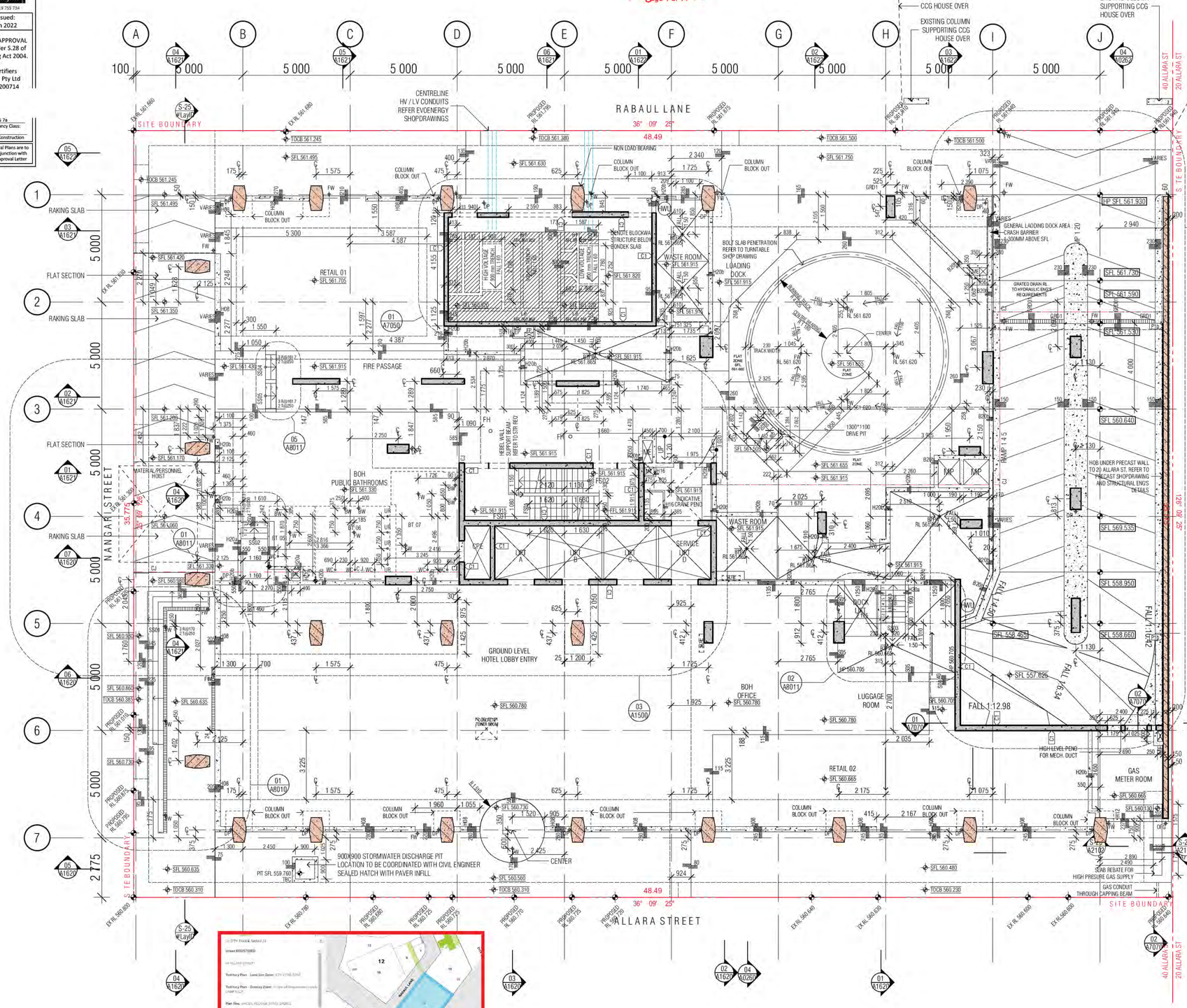
SETDOWNS



FOR FULL EXTENT OF HOBS AND SETDOWNS, REFER DRAWINGS A0080 & A0081

SPANDRELS





01 GROUND LEVEL CONCRETE PROFILE PLAN

CONCRETE PROFILE LEGEND

WALL HATCHES
- INSITU CONCRETE
- PRECAST CONCRETE
- CONCRETE BUND
- LOW PRECAST

- DENOTES FORMWORK ZONE FOR OFF FORM CONCRETE SOFFIT BELOW
- SECONDARY CONCRETE SLAB
- MASS CONCRETE BUILD-UP
- CAPPING BEAM

- SFL 561.915
- STEP IN TOP OF SLAB
- DOUBLE STEP IN TOP OF SLAB
- PLINTH/UPSTAND
- EDGE PLINTH/UPSTAND/BUND

SFL: STRUCTURAL FLOOR LEVEL
FFL: FINISHED FLOOR LEVEL
BEL: BULK EXCAVATION LEVEL
DEL: DETAILED EXCAVATION LEVEL
TOCB: TOP OF CAPPING BEAM
PL : PAVING LEVEL
SPL: STRUCTURAL PAVING LEVEL
CJ: CONSTRUCTION JOINT
PJ: PANEL JOINT
IJ: ISOLATION JOINT
SJ: SAWN JOINT
TMJ: TEMPORARY MOVEMENT FACIA
FPJ: FORMWORK PANEL JOINT (CLASS 2 CONC)

NOTE:
1. ALL COLUMNS TO BE LOCATED ON CENTRELINE OF GRID UNLESS OTHERWISE NOTED. INDICATIVE PROFILE OF SLAB ONLY. REFER TO ENGINEERS DRAWINGS AND DETAILS FOR FULL EXTENT OF STRUCTURE.
2. TYPICAL BEAM OR COLUMN UNDER SHOWN AS DASHED LINE, UNLESS NOTED OTHERWISE
3. BALCONIES POURED TO FALLS
4. BUND WIDTH TO BE 130MM UNLESS NOTED OTHERWISE
5. ALL SERVICE PENETRATION BELOW 100MM DIAMETER HAVE NOT BEING DOCUMENTED, AS AGREED W TH MERITON SERVICES CONSULTANTS AND MERITON STRUCTURAL ENGINEERS
6. VENT RISERS AND MISCELLANEOUS PIPEWORK NOT INDICATED, REFER SERVICES FOR FULL EXTENT OF RISERS. REFER SPECIFICATION FOR TYPES AND HYDRAULIC DWG'S

SERVICES
THE FOLLOWING PENETRATIONS ARE INDICATED TO ASSIST WITH THE SETOUT OF HYDRAULICS / PIPEWORK ELEMENTS WHICH HAVE CRIT CAL ARCHITECTURAL SETOUTS. ALL HYDRAULICS ELEMENTS ARE NOT NECESSARILY INDICATED. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL PENETRATIONS ARE PROVIDED TO DELIVER THE DESIGN INTENT. HYDRAULICS CONTRACTOR TO PROVIDE DIMENSIONED SHOP DRAWINGS BASED ON THESE SETOUTS.
PERIMETER HOBS TO ALL PENETRATION, REFER TO HOBS LEGEND FOR APPLICABLE CONDITION.

SERVICES RISERS

MP MZ	MECH PENETRATION/ZONE	ST / PRESS	-STAIR PRESSURE
HP HZ	HYDR. PENETRATION/ZONE	S/F	-SECURITY/ FIRE
EP EZ	ELECT PENETRATION/ZONE	O	-STACK RISERS:
FP FZ	FIRE PENETRATION/ZONE	SS	SS SOIL STACK
SUMP	ROOF SLUMP / STORMWATER SUMP		NG NAT. GAS
RC	REFUSE CHUTE/WASTE		TW TRADE WASTE,
			SW STORMWATER

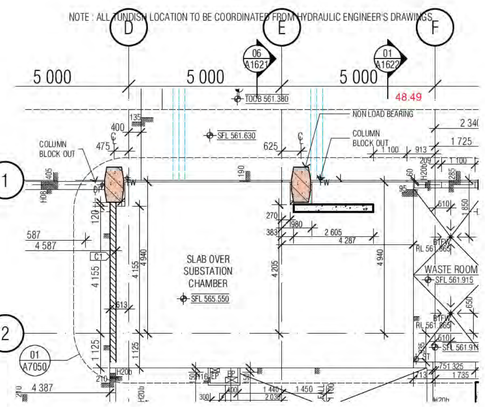
NOTE: VENT RISERS AND MISCELLANEOUS SERVICE PIPEWORK NOT INDICATED. REFER SERVICES FOR FULL EXTENT OF RISERS

HZ1	HYDR. RISER ZONE 235x850	HZ9	HYDR. RISER ZONE 250x550
HZ2	HYDR. RISER ZONE 350x700	HZ10	HYDR. RISER ZONE 200x650
HZ3	HYDR. RISER ZONE 250x650	HZ11	HYDR. RISER ZONE 300x300
HZ4	HYDR. RISER ZONE 700x850	HZ12	HYDR. RISER ZONE 200x550
HZ5	HYDR. RISER ZONE 180x520	HZ13	HYDR. RISER ZONE 250x1150
HZ6	HYDR. RISER ZONE 620x250	HZ14	HYDR. RISER ZONE 220X400
HZ7	HYDR. RISER ZONE 620x200	HZ15	HYDR. RISER ZONE 160X700
HZ8	HYDR. RISER ZONE 200x700		

SPT	SPOUT	FW	FLOOR WASTE
OF	BALCONY OVERFLOW TYPE 1, 2, 3...	W	KITCHEN SINK WASTE
OFB	OVERFLOW BELOW	TDW	TUNDISH WASTE
FHR	FIRE HOSE REEL	BW	BASIN / TROUGH WASTE
FH	FIRE HYDRANT	WC	TOILET PAN WA TE
FR	FIRE RISER	BTW	BATH TUB WASTE
	CHANGE IN ANGLE	RWO	RAIN WATER OUTLET
		PO	PLANTER BOX OUTLET

IO	INSPECTION OPENING
PD	POOL DRAIN
DP	DP1/DP2 ETC DOWNPIPE
SDI	SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT
	DOUBLE LINES DENOTES CAST IN SLAB
PJ	PAVING LIGHT
TOW	TOP OF WALL

NOTE : ALL UNDISH LOCATION TO BE COORDINATED FROM HYDRAULIC ENGINEER'S DRAWINGS



BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125 General

REVISION			
06	TENDER ISSUE	AR	05.03.2021
07	FOR INFORMATION	AR	22.03.2021
08	GENERAL UPDATE	AR	16.04.2021
09	REVISED CAPPING BEAMS	AR	29.06.2021
10	REVISED SUBSTATION / FIRE EGRESS	AR	09.07.2021
11	GENERAL UPDATE	AR	22.07.2021
A	ISSUE FOR CONSTRUCTION	AR	03.09.2021
B	STW PIT & FW LEVELS UPDATE	AR	27.09.2021

REVISION			
C	GENERAL COORDINATION	AR	07.10.2021
D	FOR CONSTRUCTION CERTIFICATE	AR	26.10.2021
E	AMENDED BASEMENT WALL TO SITE BOUNDARY	AR	29.10.2021
F	REVISED BOH LAYOUT	AR	05.11.2021
G	AMENDED HP GAS TRENCH	AR	15.11.2021
H	AMENDED MDF & GAS METER ROOMS	AR	19.11.2021
I	AMENDED GAS SUPPLY TRENCH	AR	03.12.2021
J	FOR BUILDING APPROVAL	AR	17.12.2021

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001 2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

- ☐ SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 01.10.2020
- ☐ DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW:
- ☐ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW:
- ☐ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE. DATE OF REVIEW:

IF THIS DRAWING IS STAMPED 'UNCONTROLLED COPY' THEN IT IS TO BE CONSIDERED A DRAFT, SUBJECT TO REVISION WITHOUT NOTICE

NOTES

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	17.12.2021	PM	17.12.2021	19125	1:100@A1

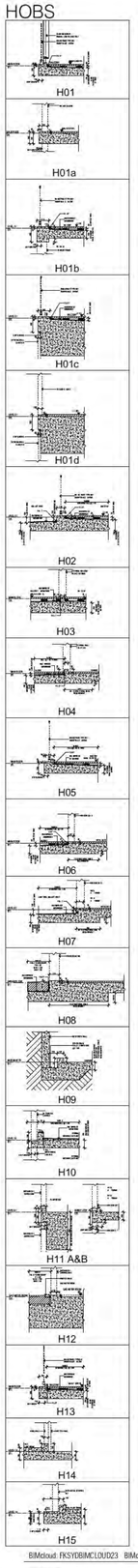
DRAWING TITLE GROUND LEVEL CONCRETE PROFILE PLAN

ISSUE PURPOSE FOR CONSTRUCTION

REV. J

DRAWING NO. A1100

HOBS



BCA certifiers
ABN: 58 119 755 734

Date Issued: 9 March 2022

BUILDING APPROVAL Issued Under S.28 of the Building Act 2004.

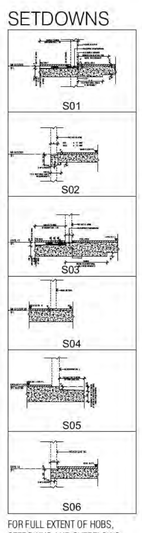
BCA Certifiers Australia Pty Ltd Lic. No: 200714

Sch 2 s 2.2(a)(ii)

3, 6 & 7a
BCA Occupancy Class:
A
BCA Type of Construction

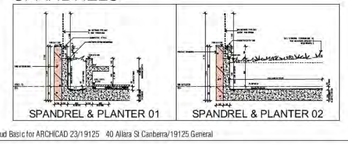
Building Approval Plans are to be Read in Conjunction with the Building Approval Letter

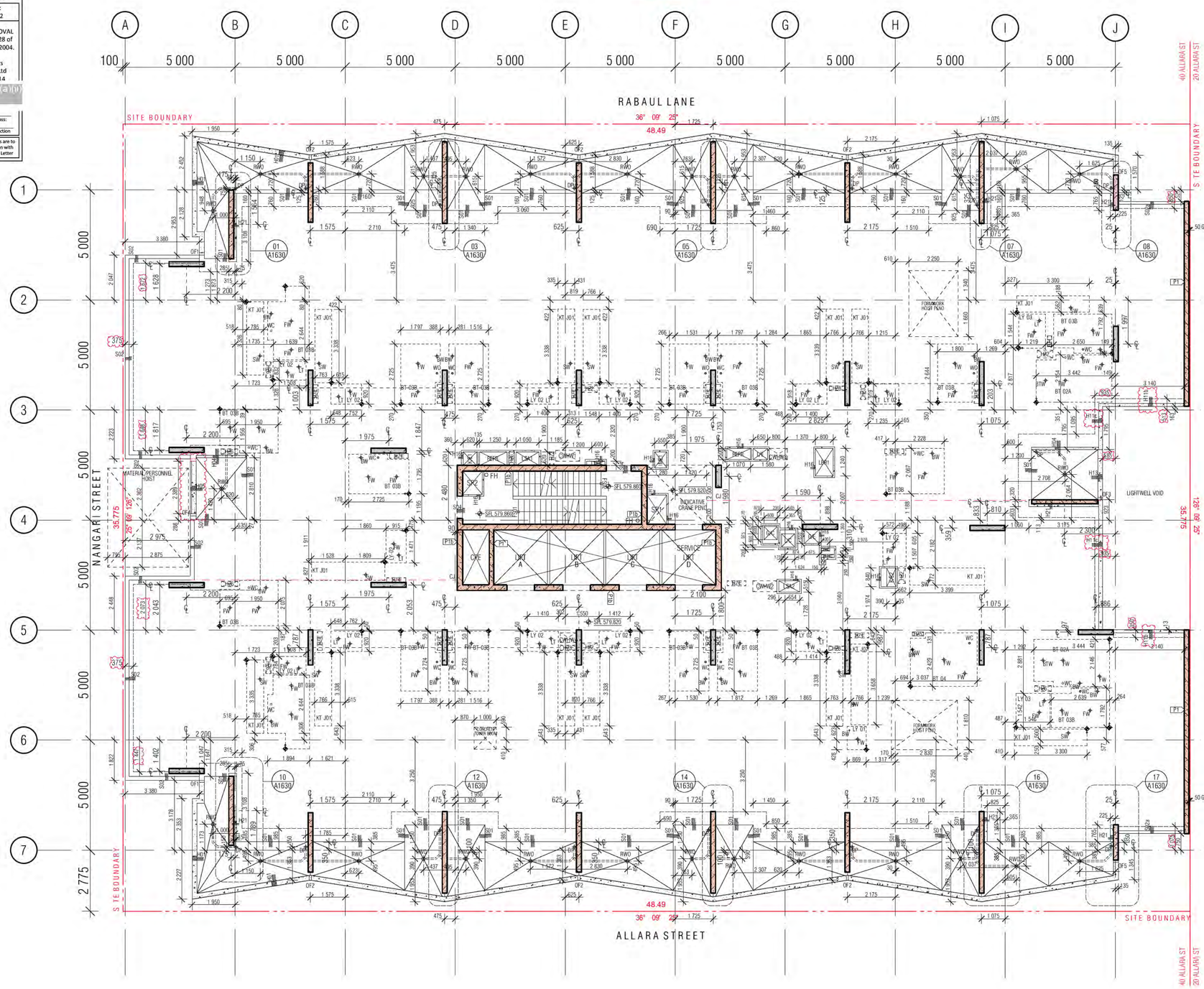
SETDOWNS



FOR FULL EXTENT OF HOBS, SETDOWNS AND OVERFLOWS, REFER DRAWINGS A0080 & A0081

SPANDRELS





CONCRETE PROFILE LEGEND

WALL HATCHES

- INSITU CONCRETE
- PRECAST CONCRETE
- CONCRETE BUND
- LOW PRECAST

DENOTES FORMWORK ZONE FOR OFF FORM CONCRETE SOFFIT BELOW
SECONDARY CONCRETE SLAB
MASS CONCRETE BUILD-UP
CAPPING BEAM

SFL 561.915
STEP IN TOP OF SLAB
DOUBLE STEP IN TOP OF SLAB
PLINTH/UPSTAND
EDGE PLINTH/UPSTAND/BUND

SFL: STRUCTURAL FLOOR LEVEL
FFL: FINISHED FLOOR LEVEL
BEL: BULK EXCAVATION LEVEL
DEL: DETAILED EXCAVATION LEVEL
TOCB: TOP OF CAPPING BEAM
PL : PAVING LEVEL
SPL: STRUCTURAL PAVING LEVEL
CJ: CONSTRUCTION JOINT
PJ: PANEL JOINT
IJ: ISOLATION JOINT
SJ: SAWN JOINT
TMJ: TEMPORARY MOVEMENT FACIA
FPJ: FORMWORK PANEL JOINT (CLASS 2 CONC)

NOTE:
1. ALL COLUMNS TO BE LOCATED ON CENTRELINE OF GRID UNLESS OTHERWISE NOTED. INDICATIVE PROFILE OF SLAB ONLY. REFER TO ENGINEERS DRAWINGS AND DETAILS FOR FULL EXTENT OF STRUCTURE.
2. TYPICAL BEAM OR COLUMN UNDER SHOWN AS DASHED LINE, UNLESS NOTED OTHERWISE
3. BALCONIES POURED TO FALLS
4. BUND WIDTH TO BE 130MM UNLESS NOTED OTHERWISE
5. ALL SERVICE PENETRATION BELOW 100MM DIAMETER HAVE NOT BEING DOCUMENTED, AS AGREED WITH MERITON SERVICES CONSULTANTS AND MERITON STRUCTURAL ENGINEERS
6. VENT RISERS AND MISCELLANEOUS PIPEWORK NOT INDICATED, REFER SERVICES FOR FULL EXTENT OF RISERS, REFER SPECIFICATION FOR TYPES AND HYDRAULIC DWG'S
7. FOR ALL PRECAST PANEL MARKING, DOWEL & HOB PLANS REFER TO EVOLUTION PRECAST DRAWINGS

SERVICES
THE FOLLOWING PENETRATIONS ARE INDICATED TO ASSIST WITH THE SETOUT OF HYDRAULICS / PIPEWORK ELEMENTS WHICH HAVE CRITICAL ARCHITECTURAL SETOUTS. ALL HYDRAULICS ELEMENTS ARE NOT NECESSARILY INDICATED, IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL PENETRATIONS ARE PROVIDED TO DELIVER THE DESIGN INTENT. HYDRAULIC'S CONTRACTOR TO PROVIDE DIMENSIONED SHOP DRAWINGS BASED ON THESE SETOUTS.
PERIMETER HOBS TO ALL PENETRATION, REFER TO HOBS LEGEND FOR APPLICABLE CONDITION.

NOTE : ALL TUNDISH LOCATION TO BE COORDINATED FROM HYDRAULIC ENGINEER'S DRAWINGS.

SERVICES RISERS

- SERVICES PENO — SERVICES ZONE
- MP, MZ — MECH PENETRATION/ZONE
- HP, HZ — HYDR. PENETRATION/ZONE
- EP, EZ — ELECT PENETRATION/ZONE
- FP, FZ — FIRE PENETRATION/ZONE
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ST / PRESS -STAIR PRESSURE
S/F -SECURITY/ FIRE
O -STACK RISERS:
SS SS SOIL STACK
NG NAT. GAS
TW TRADE WASTE,
SW STORMWATER

NOTE: VENT RISERS AND MISCELLANEOUS SERVICE PIPEWORK NOT INDICATED. REFER SERVICES FOR FULL EXTENT OF RISERS

HZ1	HYDR. RISER ZONE 235x850	HZ9	HYDR. RISER ZONE 250x550
HZ2	HYDR. RISER ZONE 350x700	HZ10	HYDR. RISER ZONE 200x650
HZ3	HYDR. RISER ZONE 250x650	HZ11	HYDR. RISER ZONE 300x300
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SPT← SPOUT
OF ← BALCONY OVERFLOW TYPE 1, 2, 3...
OFB → OVERFLOW BELOW
FHR FIRE HOSE REEL
FIRE HYDRANT
FR FIRE RISER
CHANGE IN ANGLE

FW FLOOR WASTE
SW KITCHEN SINK WASTE
TDW TUNDISH WASTE
BW BASIN / TROUGH WASTE
WC TOILET PAN WASTE
BTW BATH TUB WASTE
RWO RAIN WATER OUTLET
PO PLANTER BOX OUTLET

IO INSPECTION OPENING
PD POOL DRAIN
DP DP1/DP2 ETC DOWNPIPE
SDI SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT

DOUBLE LINES DENOTES CAST IN SLAB
PL PAVING LIGHT
TOW TOP OF WALL

01 LEVEL 05 CONCRETE PROFILE PLAN

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125 General

REVISION

	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
02	DRAFT TENDER ISSUE	MK	19.01.2021
03	HOB / SETDOWN UPDATE	AR	05.02.2021
04	COORDINATION UPDATE	AR	19.02.2021
05	TENDER ISSUE	AR	05.03.2021
06	FOR INFORMATION	AR	22.03.2021
07	GENERAL UPDATE	AR	16.04.2021

REVISION

08	GENERAL COORDINATION	AR	16.07.2021
09	GENERAL COORDINATION	AR	03.09.2021
10	LBRI MECHANICAL UPDATE	AR	27.09.2021
11	GENERAL COORDINATION	AR	07.10.2021
A	FOR BUILDING APPROVAL	AR	17.12.2021
B	GENERAL COORDINATION UPDATE	AR	27.01.2022
> C	PRECAST SPIN UP | AMENDED BACKSPANS	AR	03.02.2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001 2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

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- TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 11.11.2021
- CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE. DATE OF REVIEW: 18.01.2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	03.02.2022	PM	03.02.2022	19125	1:100@A1

DRAWING TITLE
LEVEL 05 CONCRETE PROFILE PLAN

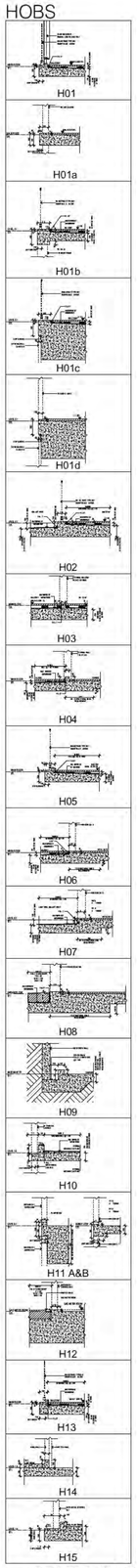
ISSUE PURPOSE
FOR CONSTRUCTION

REV. C

DRAWING NO. A1105

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

HOBS



BCA certifiers
ABN: 58 119 755 734

Date Issued: 9 March 2022

BUILDING APPROVAL Issued Under S.28 of the Building Act 2004.

BCA Certifiers Australia Pty Ltd Lic. No: 200714

Sch 2 s 2.2(e)(ii)

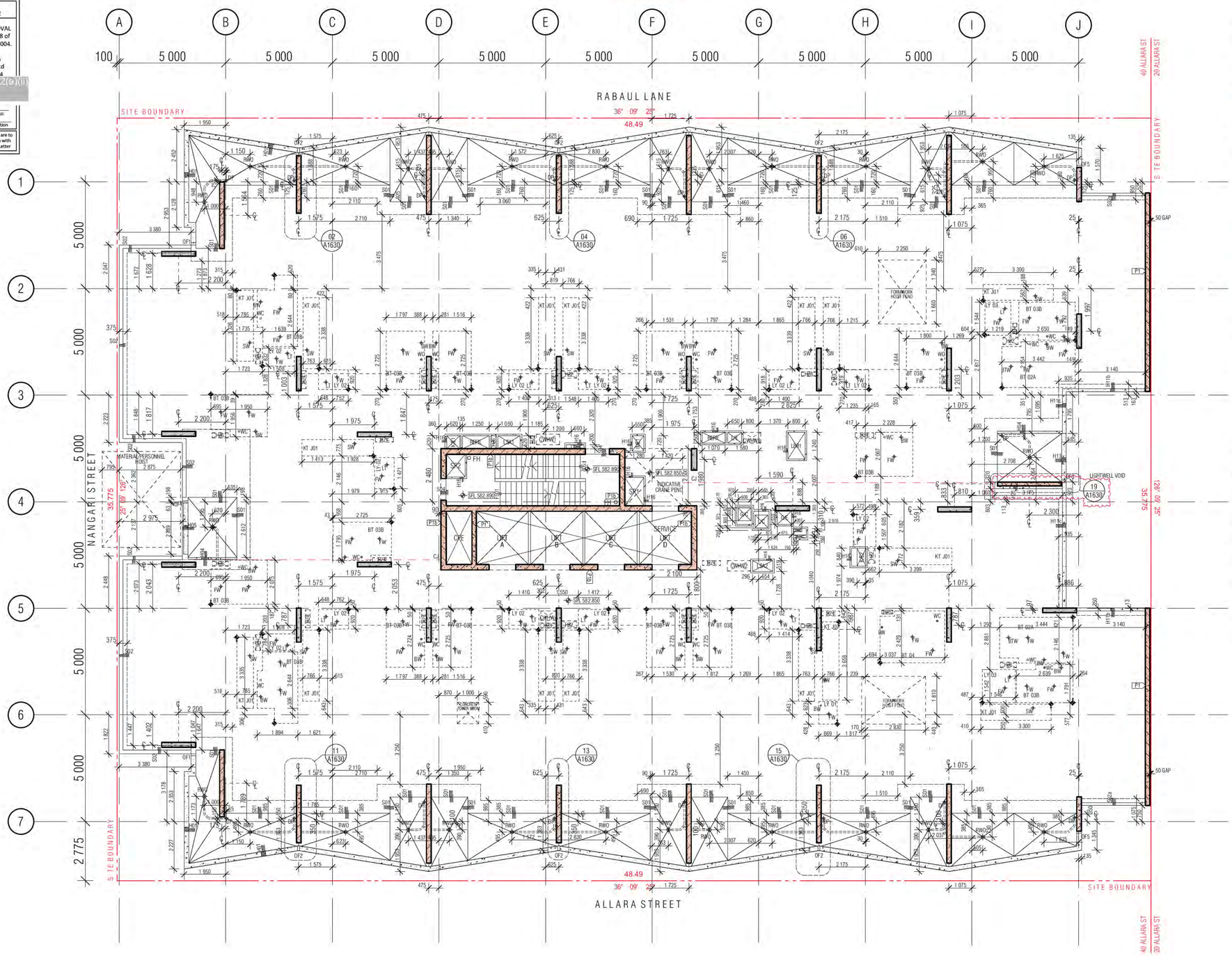
3, 6 & 7a
BCA Occupancy Class: 4
BCA Type of Construction

Building Approval Plans are to be Read in Conjunction with the Building Approval Letter

SETDOWNS

FOR FULL EXTENT OF HOBS, SETDOWNS AND OVERFLOWS. REFER DRAWINGS A0080 & A0081

SPANDRELS



CONCRETE PROFILE LEGEND

WALL HATCHES

- INSITU CONCRETE
- PRECAST CONCRETE
- CONCRETE BUND
- LOW PRECAST

- DENOTES FORMWORK ZONE FOR OFF FORM CONCRETE SOFFIT BELOW
- SECONDARY CONCRETE SLAB
- MASS CONCRETE BUILD-UP
- CAPPING BEAM

- SFL 561.915 — STEP IN TOP OF SLAB
- DOUBLE STEP IN TOP OF SLAB
- PLINTH/UPSTAND
- EDGE PLINTH/UPSTAND/BUND

SFL: STRUCTURAL FLOOR LEVEL
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BEL: BULK EXCAVATION LEVEL
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TOCB: TOP OF CAPPING BEAM
PL : PAVING LEVEL
SPL: STRUCTURAL PAVING LEVEL
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PJ: PANEL JOINT
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ST / PRESS -STAIR PRESSURE
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O -STACK RISERS:
SS SS SOIL STACK
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NOTE: VENT RISERS AND MISCELLANEOUS SERVICE PIPEWORK NOT INDICATED. REFER SERVICES FOR FULL EXTENT OF RISERS

HZ1	HYDR. RISER ZONE 235x850	HZ9	HYDR. RISER ZONE 250x550
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HZ3	HYDR. RISER ZONE 250x650	HZ11	HYDR. RISER ZONE 300x300
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HZ8	HYDR. RISER ZONE 200x700		

- SPT← — SPOUT
- OF ← — BALCONY OVERFLOW TYPE 1, 2, 3...
- OFB → — OVERFLOW BELOW
- FHR — FIRE HOSE REEL
- FIRE HYDRANT
- FR — FIRE RISER
- CHANGE IN ANGLE
- FW — FLOOR WASTE
- SW — KITCHEN SINK WASTE
- TDW — TUNDISH WASTE
- BW — BASIN / TROUGH WASTE
- WC — TOILET PAN WASTE
- BTW — BATH TUB WASTE
- RWO — RAIN WATER OUTLET
- PO — PLANTER BOX OUTLET
- IO — INSPECTION OPENING
- PD — POOL DRAIN
- DP, DP○ — DP1/DP2 ETC DOWNPIPE
- SD — SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT
- DOUBLE LINES DENOTES CAST IN SLAB
- PL PAVING LIGHT
- TOW TOP OF WALL

01 LEVEL 06 CONCRETE PROFILE PLAN

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125.General

REVISION			
	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
02	DRAFT TENDER ISSUE	MK	19.01.2021
03	HOB / SETDOWN UPDATE	AR	05.02.2021
04	COORDINATION UPDATE	AR	19.02.2021
05	TENDER ISSUE	AR	05.03.2021
06	FOR INFORMATION	AR	22.03.2021
07	GENERAL UPDATE	AR	16.04.2021

REVISION			
08	GENERAL COORDINATION	AR	16.07.2021
09	GENERAL COORDINATION	AR	03.09.2021
10	LBRI MECHANICAL UPDATE	AR	27.09.2021
11	GENERAL COORDINATION	AR	07.10.2021
A	FOR BUILDING APPROVAL	AR	17.12.2021
B	GENERAL COORDINATION UPDATE	AR	27.01.2022
C	PRECAST SPIN UP | AMENDED BACKSPANS	AR	03.02.2022
> D	CONCRETE PANEL C25 TO SLAB DETAIL	AR	08.02.2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001 2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

■	SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE.	DATE OF REVIEW: 01.10.2020
■	DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE.	DATE OF REVIEW: 01.10.2021
■	TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE.	DATE OF REVIEW: 11.11.2021
■	CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE.	DATE OF REVIEW: 18.01.2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	08.02.2022	PM	08.02.2022	19125	1:100@A1

DRAWING TITLE
LEVEL 06 CONCRETE PROFILE PLAN

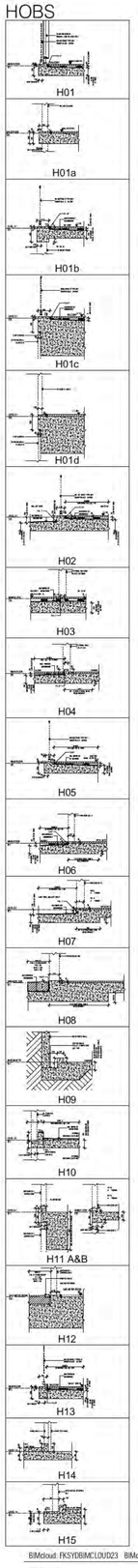
ISSUE PURPOSE
FOR CONSTRUCTION

REV. D

DRAWING NO. A1106

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

HOBS



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ABN: 58 119 755 734

Date Issued: 9 March 2022

BUILDING APPROVAL Issued Under S.28 of the Building Act 2004.

BCA Certifiers Australia Pty Ltd Lic. No: 200714

Sch 2 s 2.2(a)(ii)

3, 6 & 7a
BCA Occupancy Class: 4
BCA Type of Construction

Building Approval Plans are to be Read in Conjunction with the Building Approval Letter

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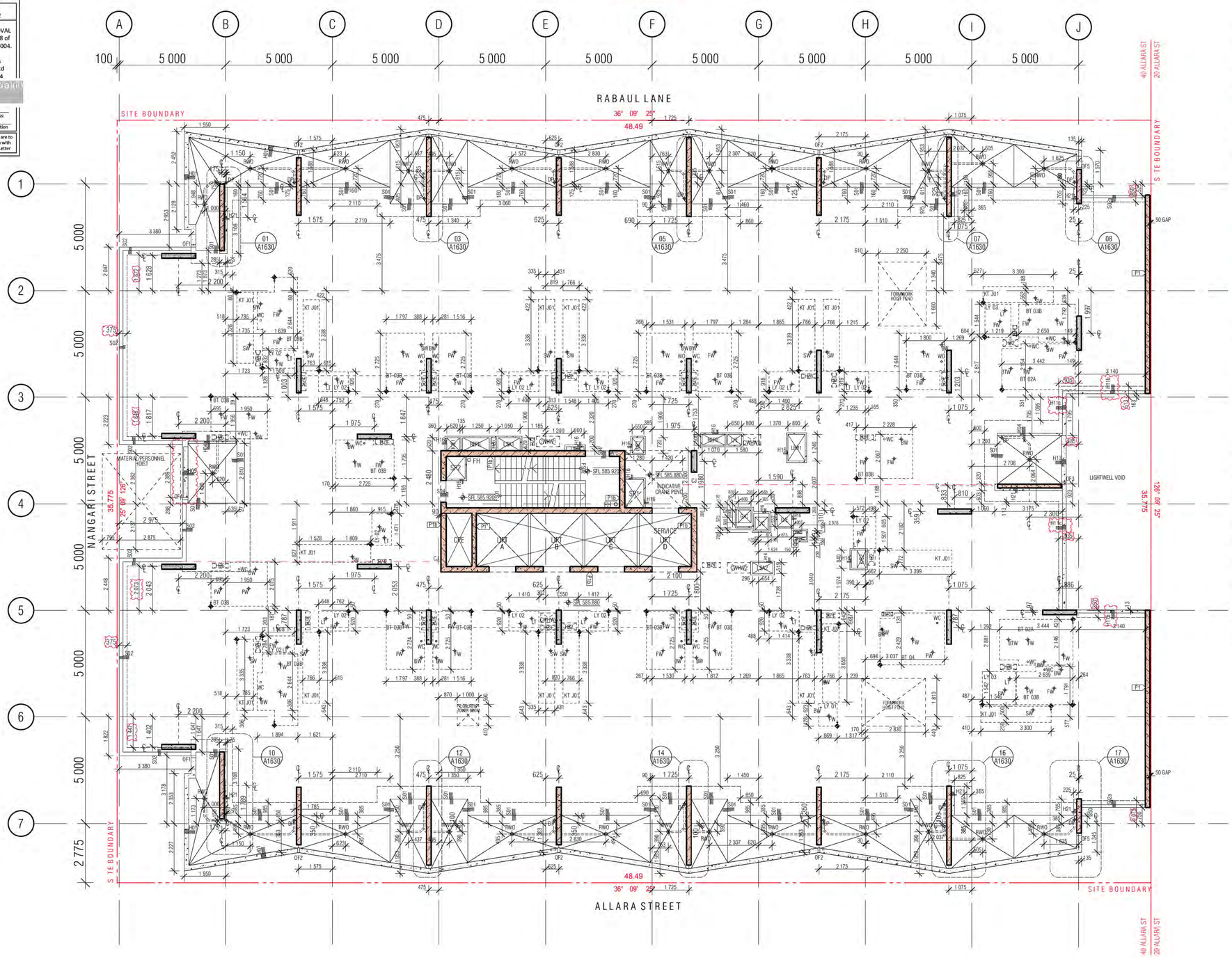
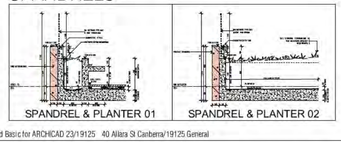
FOR FULL EXTENT OF HOBS, SETDOWNS AND OVERFLOWS, REFER DRAWINGS A0080 & A0081



SPANDRELS



01 LEVEL 07 CONCRETE PROFILE PLAN

CONCRETE PROFILE LEGEND

WALL HATCHES
- INSITU CONCRETE
- PRECAST CONCRETE
- CONCRETE BUND
- LOW PRECAST

DENOTES FORMWORK ZONE FOR OFF FORM CONCRETE SOFFIT BELOW
- SECONDARY CONCRETE SLAB
- MASS CONCRETE BUILD-UP
- CAPPING BEAM

SFL 561.915
- STEP IN TOP OF SLAB
- DOUBLE STEP IN TOP OF SLAB
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- RC — REFUSE CHUTE/WASTE

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- S/F -SECURITY/ FIRE
- O -STACK RISERS:
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- NG NAT. GAS
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- HZ13 HYDR. RISER ZONE 250x1150
- HZ14 HYDR. RISER ZONE 220X400
- HZ15 HYDR. RISER ZONE 160X700

- SPT SPOUT
- OF BALCONY OVERFLOW TYPE 1, 2, 3...
- OFB OVERFLOW BELOW
- FHR FIRE HOSE REEL
- FIRE HYDRANT
- FR FIRE RISER
- CHANGE IN ANGLE
- FW FLOOR WASTE
- SW KITCHEN SINK WASTE
- TDW TUNDISH WASTE
- BW BASIN / TROUGH WASTE
- WC TOILET PAN WASTE
- BTW BATH TUB WASTE
- RWO RAIN WATER OUTLET
- PO PLANTER BOX OUTLET
- IO INSPECTION OPENING
- PD POOL DRAIN
- DP DP1/DP2 ETC DOWNPIPE
- SDI SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT
- DOUBLE LINES DENOTES CAST IN SLAB
- PL PAVING LIGHT
- TOW TOP OF WALL

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125 General

REVISION

	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
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08	GENERAL COORDINATION	AR	16.07.2021
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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	03.02.2022	PM	03.02.2022	19125	1:100@A1

DRAWING TITLE
LEVEL 07 CONCRETE PROFILE PLAN

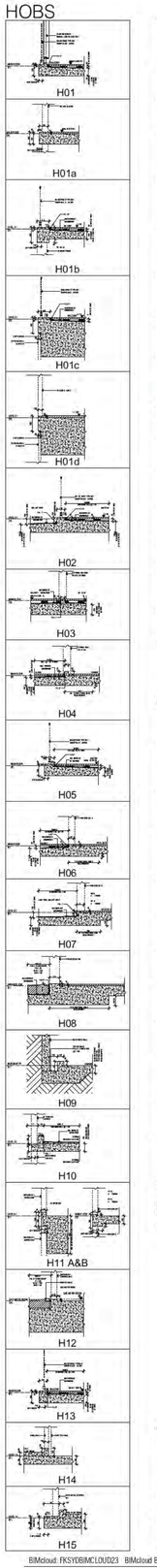
ISSUE PURPOSE
FOR CONSTRUCTION

REV. C

DRAWING NO. A1107

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

HOBS



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ABN: 58 119 755 734

Date Issued: 9 March 2022

BUILDING APPROVAL Issued Under S.28 of the Building Act 2004.

BCA Certifiers Australia Pty Ltd Lic. No: 200714

3, 6 & 7a
BCA Occupancy Class: A
BCA Type of Construction

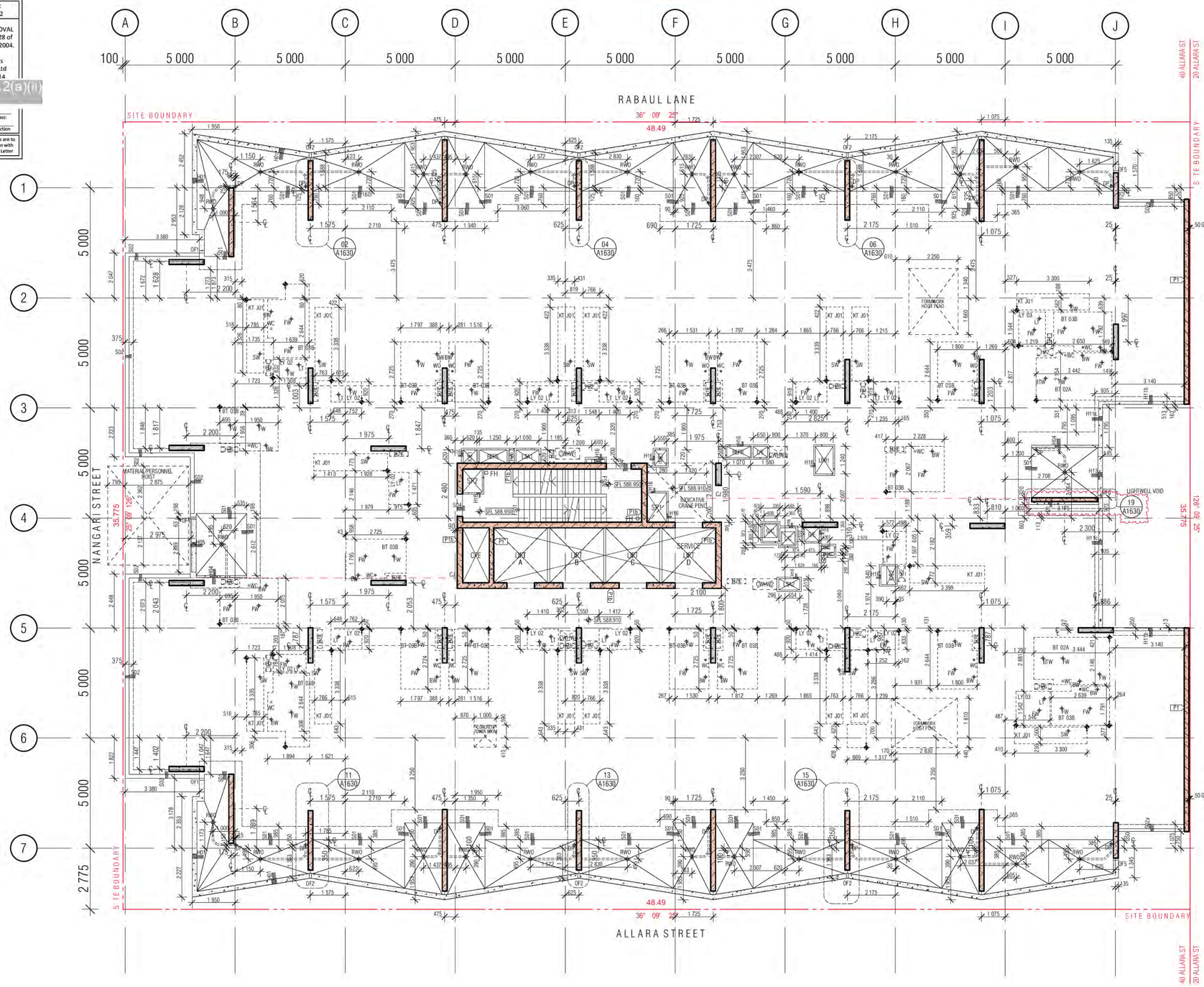
Building Approval Plans are to be Read in Conjunction with the Building Approval Letter

Sch 2 s 2.2(a)(ii)

SETDOWNS

FOR FULL EXTENT OF HOBS, SETDOWNS AND OVERFLOWS. REFER DRAWINGS A0080 & A0081

SPANDRELS



CONCRETE PROFILE LEGEND

WALL HATCHES

- INSITU CONCRETE
- PRECAST CONCRETE
- CONCRETE BUND
- LOW PRECAST

- DENOTES FORMWORK ZONE FOR OFF FORM CONCRETE SOFFIT BELOW
- SECONDARY CONCRETE SLAB
- MASS CONCRETE BUILD-UP
- CAPPING BEAM

- SFL 561.915 — STEP IN TOP OF SLAB
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- PLINTH/UPSTAND
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NOTE:
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5. ALL SERVICE PENETRATION BELOW 100MM DIAMETER HAVE NOT BEING DOCUMENTED, AS AGREED WITH MERITON SERVICES CONSULTANTS AND MERITON STRUCTURAL ENGINEERS
6. VENT RISERS AND MISCELLANEOUS PIPEWORK NOT INDICATED, REFER SERVICES FOR FULL EXTENT OF RISERS, REFER SPECIFICATION FOR TYPES AND HYDRAULIC DWG'S
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01 - LEVEL 08 CONCRETE PROFILE PLAN

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125.General

REVISION

	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
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05	TENDER ISSUE	AR	05.03.2021
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07	GENERAL UPDATE	AR	16.04.2021

REVISION

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10	LBRI MECHANICAL UPDATE	AR	27.09.2021
11	GENERAL COORDINATION	AR	07.10.2021
A	FOR BUILDING APPROVAL	AR	17.12.2021
B	GENERAL COORDINATION UPDATE	AR	27.01.2022
C	PRECAST SPIN UP | AMENDED BACKSPANS	AR	03.02.2022
> D	CONCRETE PANEL C25 TO SLAB DETAIL	AR	08.02.2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001 2015)

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- ▣ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 11.11.2021
- ▣ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE. DATE OF REVIEW: 18.01.2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	08.02.2022	PM	08.02.2022	19125	1:100@A1

DRAWING TITLE
LEVEL 08 CONCRETE PROFILE PLAN

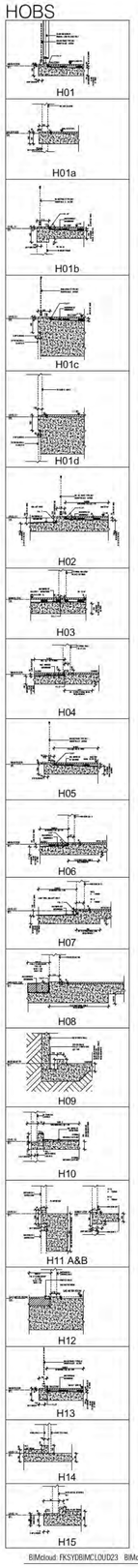
ISSUE PURPOSE
FOR CONSTRUCTION

REV. D

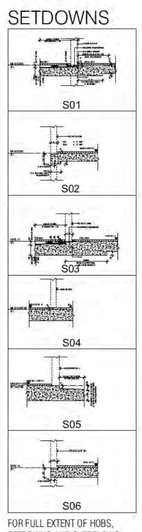
DRAWING NO. A1108

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

HOBS



SETDOWNS



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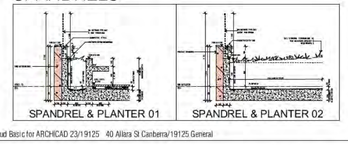

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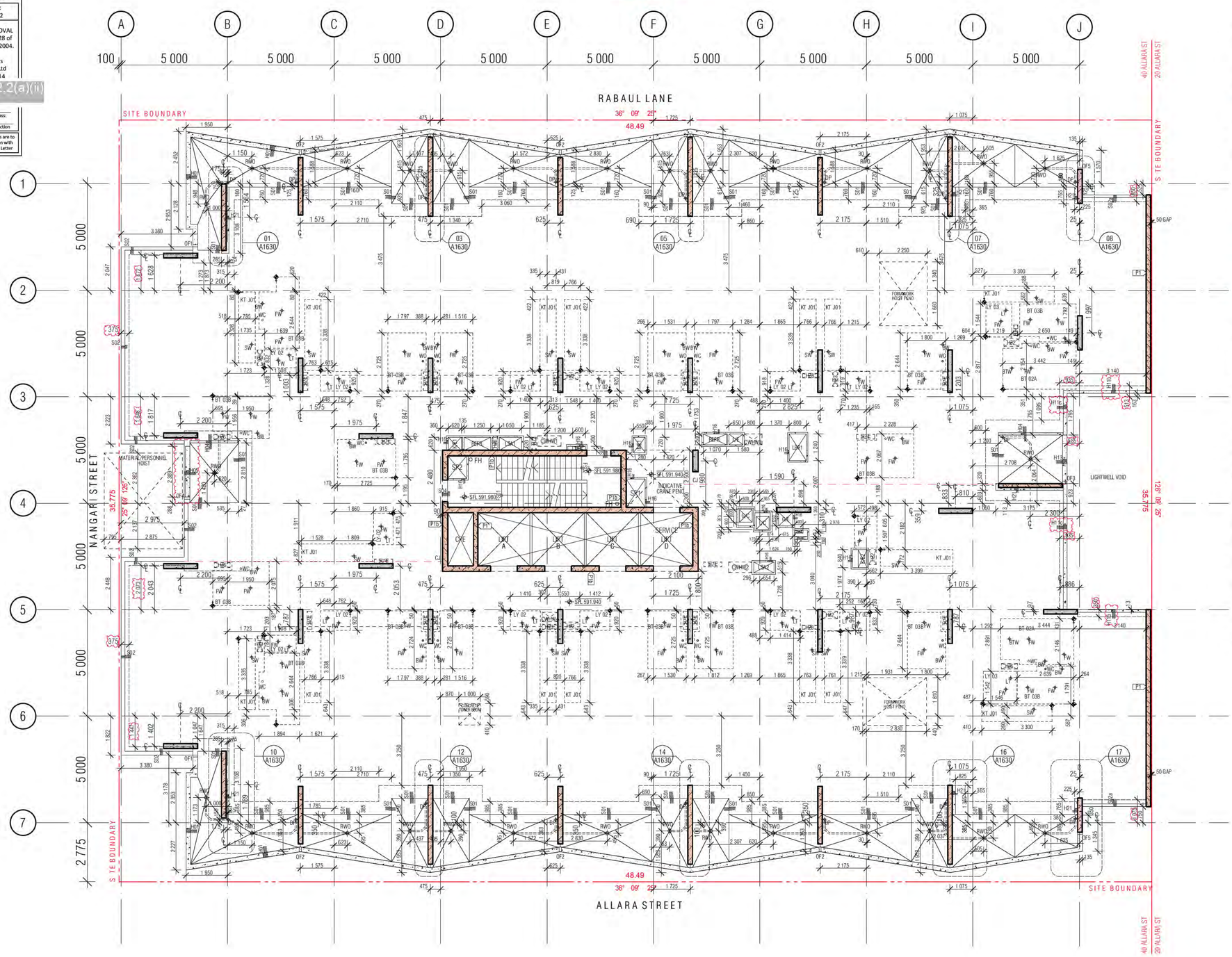

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SDI — SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT
DOUBLE LINES DENOTES CAST IN SLAB
PL PAVING LIGHT
TOW TOP OF WALL

01 LEVEL 09 CONCRETE PROFILE PLAN

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125 General

REVISION

	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	03.02.2022	PM	03.02.2022	19125	1:100@A1

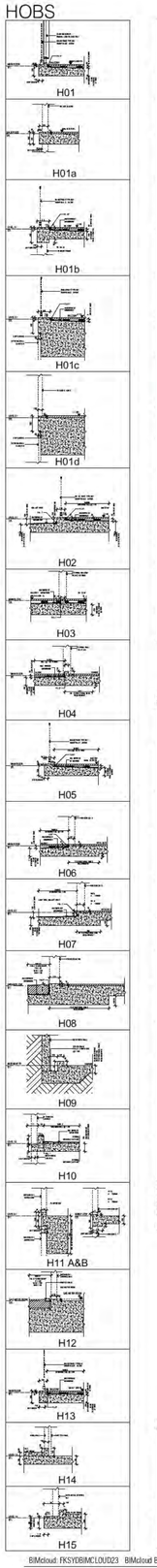
DRAWING TITLE
LEVEL 09 CONCRETE PROFILE PLAN

ISSUE PURPOSE
FOR CONSTRUCTION

REV. C

DRAWING NO. A1109

HOBS



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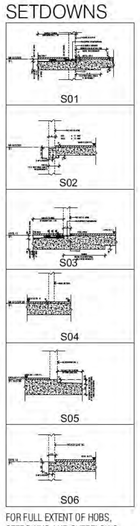

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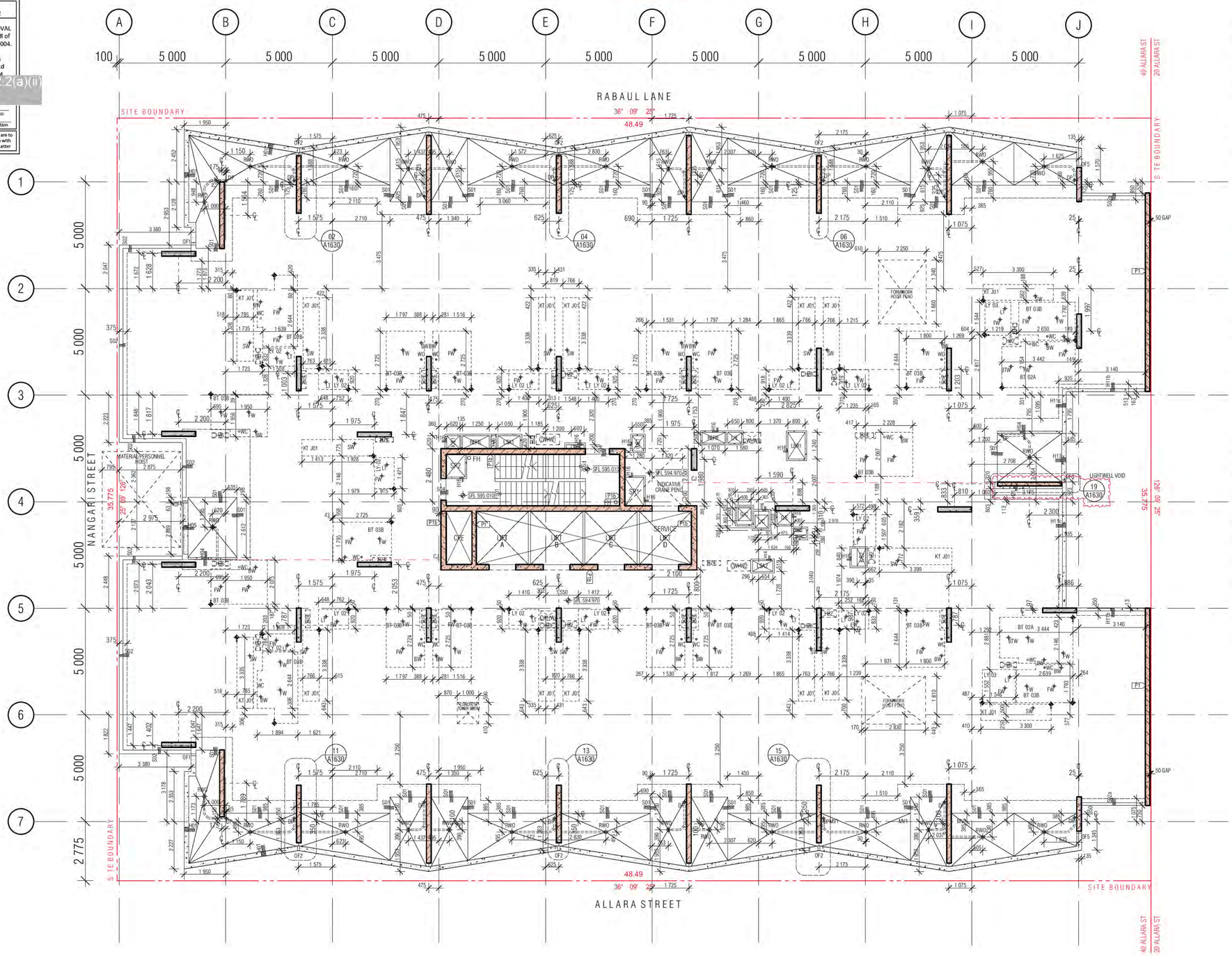

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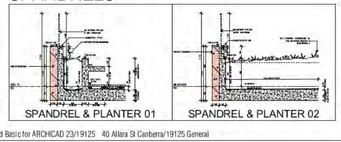

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- FH — FIRE HYDRANT
- FR — FIRE RISER
- CHANGE IN ANGLE
- FW — FLOOR WASTE
- SW — KITCHEN SINK WASTE
- TDW — TUNDISH WASTE
- BW — BASIN / TROUGH WASTE
- WC — TOILET PAN WASTE
- BTW — BATH TUB WASTE
- RWO — RAIN WATER OUTLET
- PO — PLANTER BOX OUTLET
- IO — INSPECTION OPENING
- PD — POOL DRAIN
- DP, DP○ — DP1/DP2 ETC DOWNPIPE
- SD — SPOON DRAIN INLET LOCATION AS PER HYD' ENG' REQUIREMENT
- DOUBLE LINES DENOTES CAST IN SLAB
- PL PAVING LIGHT
- TOW TOP OF WALL

01 LEVEL 10 CONCRETE PROFILE PLAN

BIMcloud: FKSYDBIMCLOUD23 BIMcloud Basic for ARCHICAD 23/19125 40 Allara St Canberra/19125.General

REVISION

	DESIGN DEVELOPMENT	KH	27.11.2020
01	GENERAL UPDATE	AR	18.12.2020
02	DRAFT TENDER ISSUE	MK	19.01.2021
03	HOB / SETDOWN UPDATE	AR	05.02.2021
04	COORDINATION UPDATE	AR	19.02.2021
05	TENDER ISSUE	AR	05.03.2021
06	FOR INFORMATION	AR	22.03.2021
07	GENERAL UPDATE	AR	16.04.2021

REVISION

08	GENERAL COORDINATION	AR	16.07.2021
09	GENERAL COORDINATION	AR	03.09.2021
10	LBRI MECHANICAL UPDATE	AR	27.09.2021
11	GENERAL COORDINATION	AR	07.10.2021
A	FOR BUILDING APPROVAL	AR	17.12.2021
B	GENERAL COORDINATION UPDATE	AR	27.01.2022
C	PRECAST SPIN UP | AMENDED BACKSPANS	AR	03.02.2022
> D	CONCRETE PANEL C25 TO SLAB DETAIL	AR	08.02.2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001 2015)

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- ■ SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 01.10.2020
- ■ DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 01.10.2021
- ■ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE. DATE OF REVIEW: 11.11.2021
- ■ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE. DATE OF REVIEW: 18.01.2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
AR	08.02.2022	PM	08.02.2022	19125	1:100@A1

DRAWING TITLE
LEVEL 10 CONCRETE PROFILE PLAN

ISSUE PURPOSE
FOR CONSTRUCTION

REV. D

DRAWING NO. A1110

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
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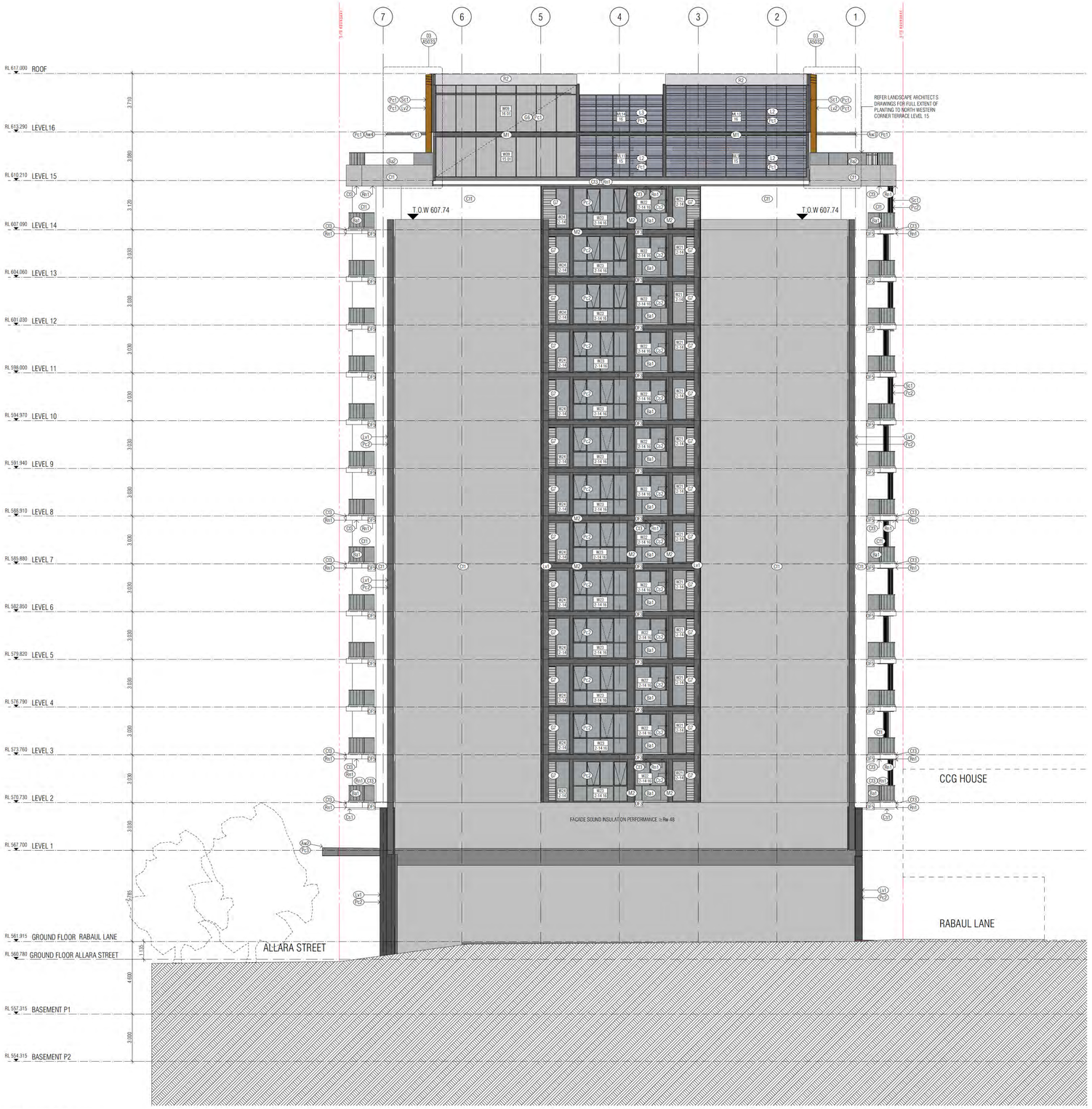
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

BCA certifiers
ABN: 56 118 759 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
Sch 2 s 2.2(a)(ii)
BCA Occupancy Class
BCA Type of Construction
Building Approval Plans are to
be Read in Conjunction with
the Building Approval Letter



01 NORTH ELEVATION

REV B
OVERFLOWS OF1, OF2... ADDED TO BALCONY LOCATIONS

GENERAL ELEVATIONS LEGEND

- (Bs1) BALUSTRADE TYPE 1 AND BA1 1 CANTILEVERED GLASS BALUSTRADE. TINT TO MATCH G4
- (Bs2) BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS.
- (Bs3) BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- (Cr1) PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Cr2) PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Cr3) NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Cs1) COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Cs2) COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- (G1) ALUMINIUM WINDOW SYSTEM
- (G2) ALUMINIUM CURTAIN WALL
- (G3) STRUCTURAL GLAZING SYSTEM
- (G4) VISION GLASS
- (G5) PRIVACY GLASS
- (G6) SPANDREL GLASS
- (G7) GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATIONS

- (L1) PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (L2) WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (L3) LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Lv1) METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Lv2) METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Sc) SCREEN DEVICE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (M1) ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (M2) ALUMINIUM CLADDING POWDER COAT FINISH 2 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (M3) ALUMINIUM CLADDING POWDER COAT FINISH 3 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

NOTE: ALL CLADDING SYSTEMS - PANELS AS INDICATED ON ARCHITECTURAL DRAWINGS. DESIGN DEVELOPED, DETAILED AND INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS

- (RN1) APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (RN2) APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (RN3) APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (R1) BALLAST REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (R2) STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Fn) FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Ad1) AUTOMATIC CURVED SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Ad2) AUTOMATIC SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Ad3) AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Md1) OVERHEAD DOOR 01, 02.... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Py1) PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- (Py2) PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

MECHANICAL VENTILATION GRILLES

MV1	L900*H70 *
MV2	L1200*H100 *
MV3	L2400*H500
MV4	L300*H300
MV5	L300*H200
MV6	L500*H500 *
MV7	L2600*H300 *
MV8	L900*H300 *
MV9	L1200*H500 *
MV10	L2500*H500 *
MV11	L850*H850
MV12	L635*H1450
MV13	L2600*H250 *
MV14	L2030*H250 *
MV15	L2450*H650
MV16	2 * 315DIA EYE BALL DIFFUSER

- WO1 → WINDOW NUMBER
- 1.01 → HOTEL SUITE NUMBER
- → BUILDING LEVEL
- RETURN WALL
- SOFFIT FINISH
- OF1 OVERFLOW 1,2, 3....

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

BIMcloud: FKSYDBIMCLOUD03 - BIMcloud Basic for ARCHICAD 23/19125 - 40 Allara St Canberra/19125 General

REVISION			
–	DRAFT TENDER ISSUE	MK	19 01 2021
01	ISSUED FOR INFORMATION	PM	15 02 2021
02	ISSUED FOR INFORMATION	MK	01 03 2021
03	DRAFT TENDER ISSUE GENERAL UPDATE	MK	22 03 2021
A	FOR CONSTRUCTION	PM	14 01 2022
B	ISSUE FOR CONSTRUCTION	PM	24 01 2022

REVISION

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001-2015)

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- CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE — DATE OF REVIEW: 12 01 2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

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FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE	DRAWING TITLE	ISSUE PURPOSE	REV.	DRAWING NO.
MK	24.01.2022	PM	24.01.2022	19125	1:100@A0	NORTH ELEVATION	FOR CONSTRUCTION	B	A0201

BCA certifiers
ABN: 56 118 759 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004.
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
Sch 2 s 2.2(a)(ii)
BCA Occupancy Class
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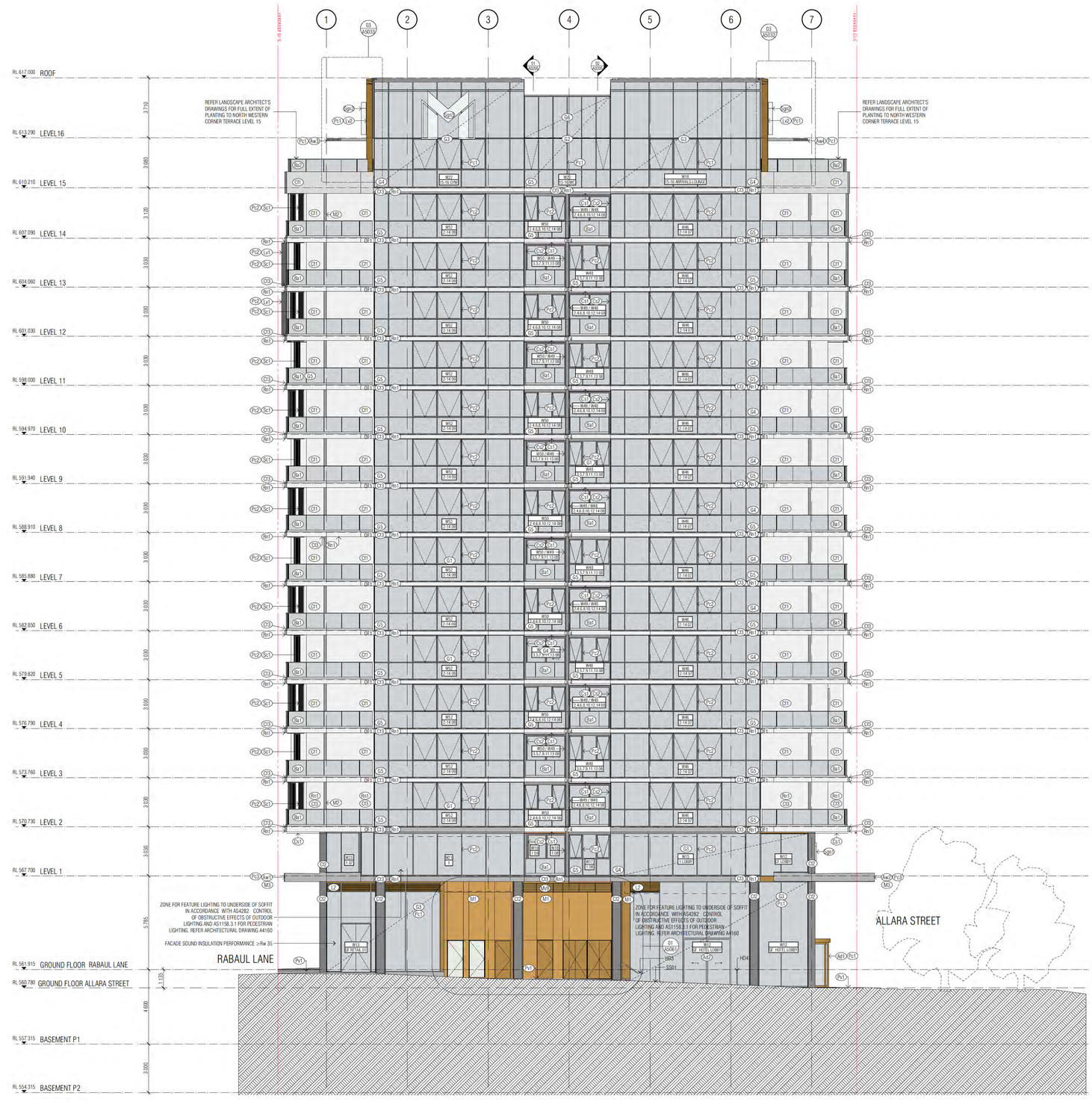
Building Approval Plans are to
be Read in Conjunction with
the Building Approval Letter



01 SOUTH ELEVATION

GENERAL ELEVATIONS LEGEND

- Ba1 BALUSTRADE TYPE 1 AND BAT 1 CANTILEVERED GLASS BALUSTRADE. TINT TO MATCH G4
- Ba2 BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- Ba3 BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- C1 PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C1Z PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C2 NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C3 COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C4 COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- G1 ALUMINIUM WINDOW SYSTEM
- G2 ALUMINIUM CURTAIN WALL
- G3 STRUCTURAL GLAZING SYSTEM
- G4 VISION GLASS
- G5 PRIVACY GLASS
- G6 SPANDREL GLASS
- G7 GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATIONS

- L1 PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L2 WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L3 LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv1 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv2 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Sc SCREEN DEVICE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M1 ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M2 ALUMINIUM CLADDING POWDER COAT FINISH 2 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M3 ALUMINIUM CLADDING POWDER COAT FINISH 3 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

NOTE: ALL CLADDING SYSTEMS PANELS AS INDICATED ON ARCHITECTURAL DRAWINGS. DESIGN DEVELOPED, DETAILED AND INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS

- RN1 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN2 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN3 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R1 BALLAST REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R2 STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Fn FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad1 AUTOMATIC CURVED SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad2 AUTOMATIC SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad3 AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Gd1 OVERHEAD DOOR 01, 02.... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv1 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv2 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

MECHANICAL VENTILATION GRILLES

- MV1 L900*H70 *
- MV2 L1500*H100 *
- MV3 L2400*H500
- MV4 L300*H300
- MV5 L300*H200
- MV6 L500*H500 *
- MV7 L2600*H300 *
- MV8 L900*H300 *
- MV9 L1200*H500 *
- MV10 L2500*H500 *
- MV11 L850*H850
- MV12 L635*H1450
- MV13 L2600*H250 *
- MV14 L2000*H250 *
- MV15 L2450*H650
- MV16 2 * 315DIA EYE BALL DIFFUSER

W01 WINDOW NUMBER
1.01 HOTEL SUITE NUMBER
BUILDING LEVEL
RETURN WALL
SOFFIT FINISH
OF1 OVERFLOW 1,2, 3....

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

REV. B
OVERFLOWS OF1, OF2... ADDED TO BALCONY LOCATIONS

BIMcloud: FKSYDBIMCLOUD23 - BIMcloud Basic for ARCHICAD 23/19125 - 40 Allara St Canberra/19125 General

REVISION			
-	DESIGN DEVELOPMENT	KH	19 01 2021
01	ISSUED FOR INFORMATION	PM	15 02 2021
02	ISSUED FOR INFORMATION	MK	01 03 2021
03	DRAFT TENDER ISSUE GENERAL UPDATE	MK	23 03 2021
A	FOR CONSTRUCTION	PM	14 01 2022
> B	ISSUE FOR CONSTRUCTION	PM	24 01 2022

REVISION

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
MK	24.01.2022	PM	24.01.2022	19125	1:100@A0

DRAWING TITLE
SOUTH ELEVATION

ISSUE PURPOSE
FOR CONSTRUCTION

REV. B

DRAWING NO. A0202

FENDER KATSALIDIS
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NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3300
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

BCA certifiers
ABN: 36 119 705 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
Sch 2 s 2.2(a)(ii)
BCA Occupancy Class
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Building Approval Plans are to
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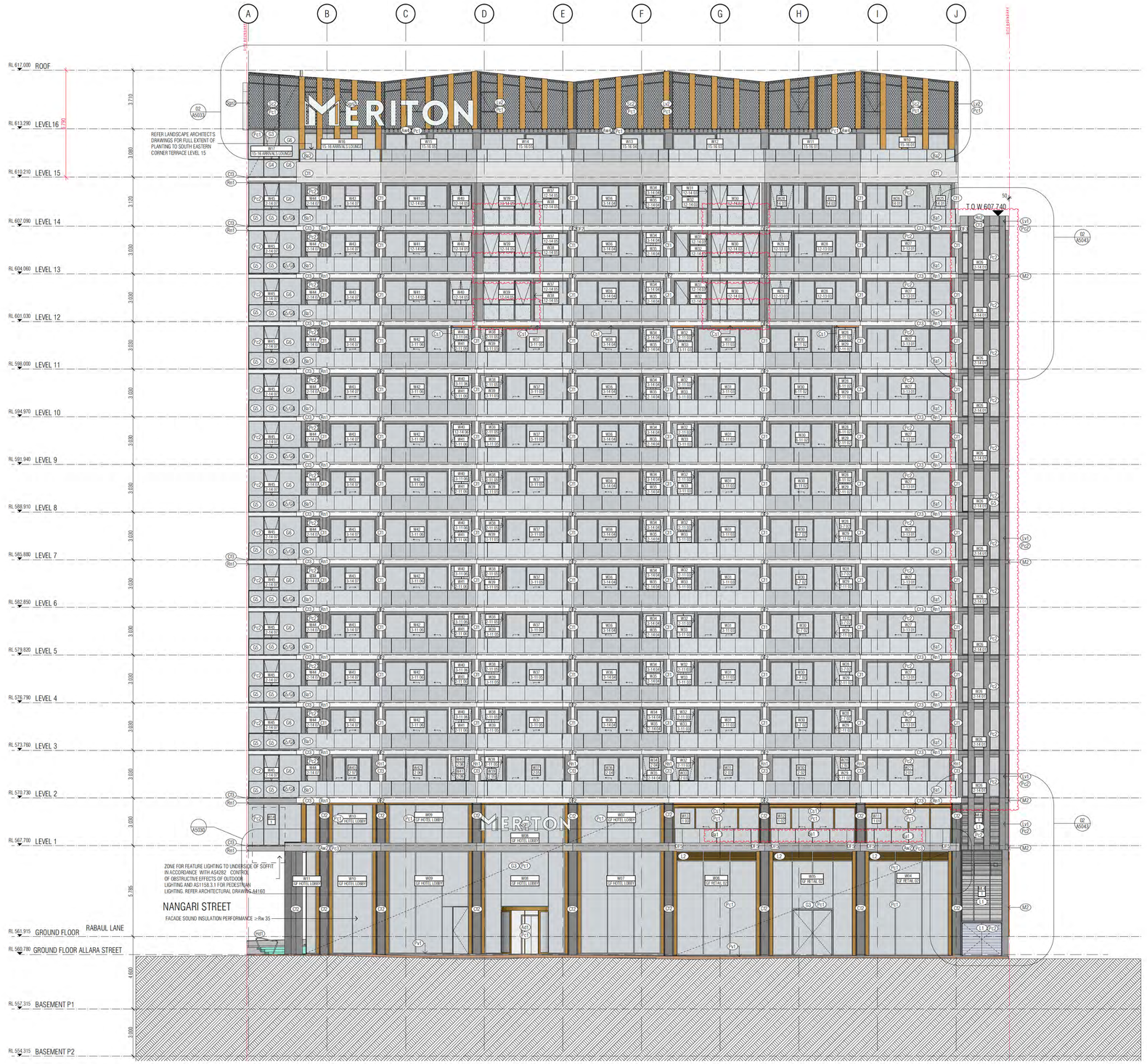

E EAST ELEVATION

GENERAL ELEVATIONS LEGEND

- Bs1 BALUSTRADE TYPE 1 AND BA1 1 CANTILEVERED GLASS BALUSTRADE. TINT TO MATCH G4 SPANDREL GLASS
- Bs2 BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- Bs3 BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- Cr1 PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cr2 PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cr3 NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cr1 COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cr2 COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- G1 ALUMINIUM WINDOW SYSTEM
- G2 ALUMINIUM CURTAIN WALL
- G3 STRUCTURAL GLAZING SYSTEM
- G4 VISION GLASS
- G5 PRIVACY GLASS
- G6 SPANDREL GLASS
- G7 GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATIONS

- L1 PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L2 WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L3 LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv1 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv2 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Sc SCREEN DEVICE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M1 ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M2 ALUMINIUM CLADDING POWDER COAT FINISH 2 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M3 ALUMINIUM CLADDING POWDER COAT FINISH 3 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

NOTE: ALL CLADDING SYSTEMS - PANELS AS INDICATED ON ARCHITECTURAL DRAWINGS. DESIGN DEVELOPED, DETAILED AND INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS

- RN1 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN2 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN3 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R1 BALLAST REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R2 STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Fn FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad1 AUTOMATIC CURVED SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad2 AUTOMATIC SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad3 AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Dr1 OVERHEAD DOOR 01, 02.... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Py1 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Py2 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

MECHANICAL VENTILATION GRILLES

MV1	L900*H70 *
MV2	L1500*H100 *
MV3	L2400*H500
MV4	L300*H300
MV5	L300*H200
MV6	L500*H500 *
MV7	L2600*H300 *
MV8	L900*H300 *
MV9	L1200*H500 *
MV10	L2500*H500 *
MV11	L850*H850
MV12	L635*H1450
MV13	L2600*H250 *
MV14	L2030*H250 *
MV15	L2450*H650
MV16	2 * 315DIA EYE BALL DIFFUSER

- WO1 / 1.01 WINDOW NUMBER / HOTEL SUITE NUMBER / BUILDING LEVEL
- RETURN WALL
- SOFFIT FINISH
- OF1 OVERFLOW 1, 2, 3....

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

REV. B
OVERFLOWS OF1, OF2... ADDED TO BALCONY LOCATIONS
BA1 1 BALUSTRADE TYPE INTRODUCED TO LEVEL 1 EAST AND WEST BALCONY ONLY
G5 PRIVACY GLASS AND TRANSOM REMOVED FROM N.W NICHE GLAZING
G5 FROSTED GLASS ADDED TO 8 BEDROOM BEDROOMS LEVELS 12, 13 AND 14 AS CLOUDED

BIMcloud: FKSYDBIMCLOUD03 - BIMcloud Basic for ARCHICAD 23/19125 - 40 Allara St Canberra/19125 General

REVISION

-	DESIGN DEVELOPMENT	KH	19 01 2021
01	ISSUED FOR INFORMATION	PM	15 02 2021
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REVISION

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■	TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE	DATE OF REVIEW: 01 09 2021
■	CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE	DATE OF REVIEW: 12 01 2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

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NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
MK	24.01.2022	PM	24.01.2022	19125	1:100@A0

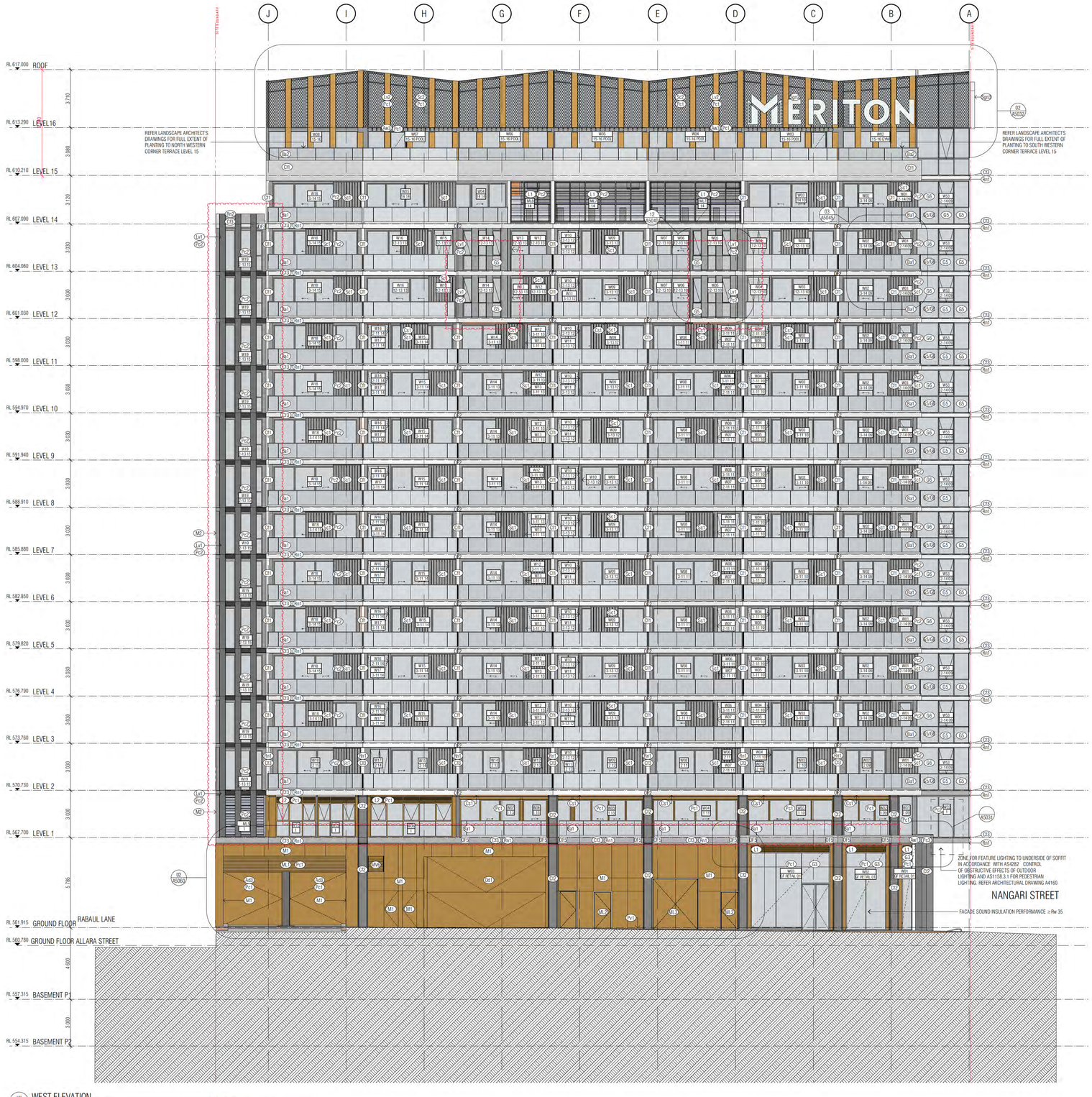
DRAWING TITLE
EAST ELEVATION

ISSUE PURPOSE
FOR CONSTRUCTION

REV. B

DRAWING NO.
A0203

BCA certifiers
ABN: 56 119 759 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004.
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
BCA Occupancy Class
BCA Type of Construction
Building Approval Plans are to
be Read in Conjunction with
the Building Approval Letter
Sch 2 s 2.2(a)(ii)



W WEST ELEVATION

REV_B
OVERFLOWS OF1, OF2... ADDED TO BALCONY LOCATIONS
BA1: 1 BALUSTRADE TYPE INTRODUCED TO LEVEL 1 EAST AND WEST BALCONY ONLY
G5 PRIVACY GLASS AND TRANSOM REMOVED FROM N-W NICHE GLAZING
G5 FROSTED GLASS ADDED TO 3 BEDROOM BEDROOMS LEVELS 12, 13 AND 14 AS CLOUDED

GENERAL ELEVATIONS LEGEND

- BS1 BALUSTRADE TYPE 1 AND BAY 1 CANTILEVERED GLASS BALUSTRADE, TINT TO MATCH G4
- BS2 BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- BS3 BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- CY1 PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- CY2 PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- CY3 NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- CY4 COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- CY5 COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- G1 ALUMINUM WINDOW SYSTEM
- G2 ALUMINUM CURTAIN WALL
- G3 STRUCTURAL GLAZING SYSTEM
- G4 VISION GLASS
- G5 PRIVACY GLASS
- G6 SPANDREL GLASS
- G7 GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATIONS

- L1 PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L2 WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L3 LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv1 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv2 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Sc SCREEN DEVICE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M1 ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M2 ALUMINIUM CLADDING POWDER COAT FINISH 2 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M3 ALUMINIUM CLADDING POWDER COAT FINISH 3 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

NOTE: ALL CLADDING SYSTEMS - PANELS AS INDICATED ON ARCHITECTURAL DRAWINGS. DESIGN DEVELOPED, DETAILED AND INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS

- RN1 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN2 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN3 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R1 BALLAST REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R2 STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Fn FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad1 AUTOMATIC CURVED SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad2 AUTOMATIC SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad3 AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Gd1 OVERHEAD DOOR 01...02.... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv1 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv2 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

MECHANICAL VENTILATION GRILLES

- MV1 L900*H70 "
- MV2 L1500*H100 "
- MV3 L2400*H500
- MV4 L300*H300
- MV5 L300*H200
- MV6 L500*H500 "
- MV7 L2600*H300 "
- MV8 L900*H300 "
- MV9 L1200*H500 "
- MV10 L2500*H500 "
- MV11 L850*H850
- MV12 L635*H1450
- MV13 L2600*H250 "
- MV14 L2030*H250 "
- MV15 L2450*H650
- MV16 2 " 315DIA EYE BALL DIFFUSER

WO1 → WINDOW NUMBER
1.01 → HOTEL SUITE NUMBER
→ BUILDING LEVEL
RETURN WALL
SOFFIT FINISH
OF1 OVERFLOW 1, 2, 3....

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

REVISION			
-	DESIGN DEVELOPMENT	KH	19 01 2021
01	ISSUED FOR INFORMATION	PM	15 02 2021
02	ISSUED FOR INFORMATION	MK	01 03 2021
03	DRAFT TENDER ISSUE GENERAL UPDATE	MK	22 03 2021
A	FOR CONSTRUCTION	PM	14 01 2022
> B	ISSUE FOR CONSTRUCTION	PM	24 01 2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001-2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

- ■ SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01 10 2020
- ■ DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01 02 2021
- ■ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01 03 2021
- ■ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE — DATE OF REVIEW: 12 01 2022

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DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
MK	24.01.2022	PM	24.01.2022	19125	1:100@A0

PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

DRAWING TITLE
WEST ELEVATION

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

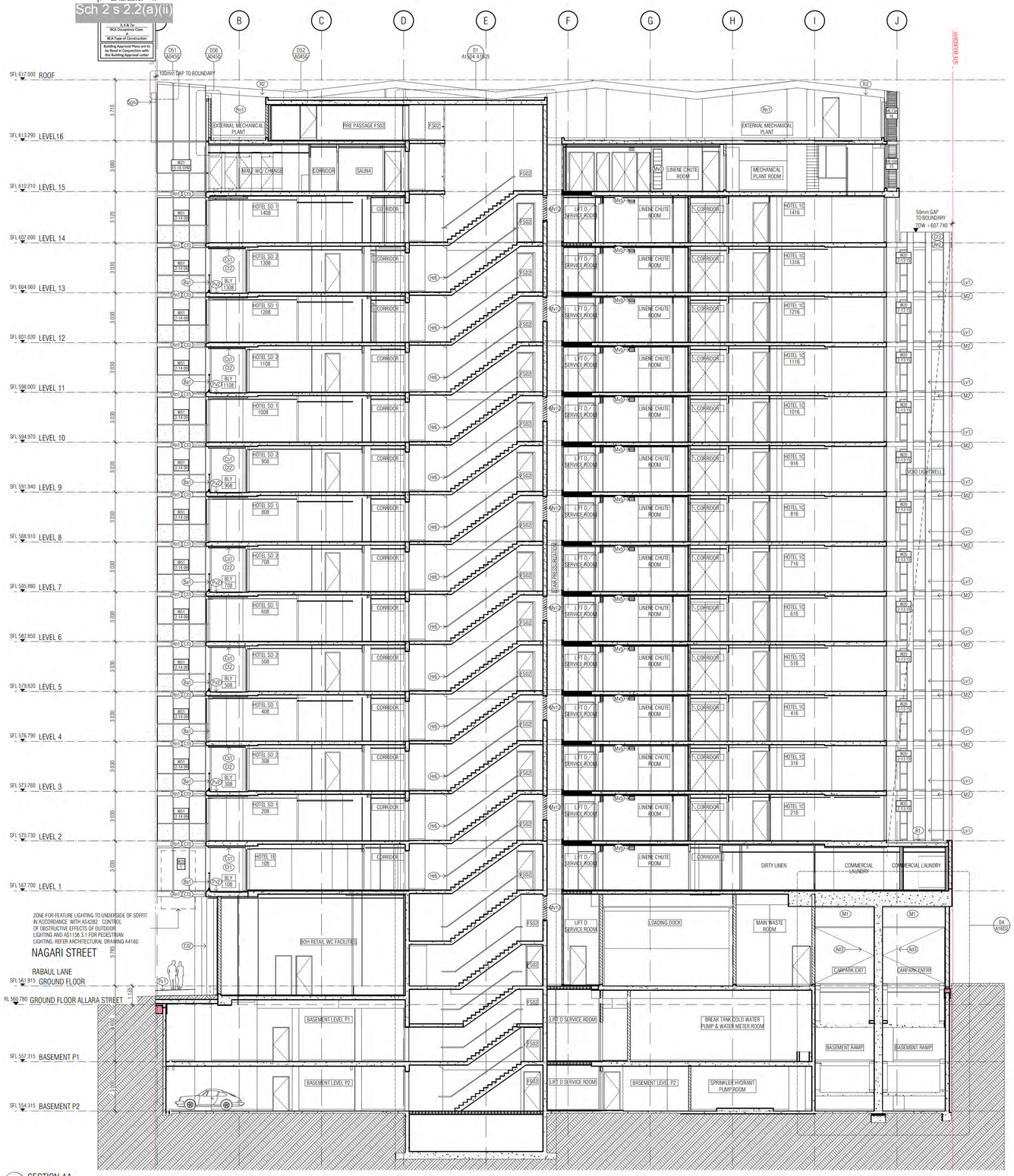
ISSUE PURPOSE
FOR CONSTRUCTION

REV. B

DRAWING NO.
A0204

BCA certifiers
ABN: 56 118 759 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
BCA Classification
5, 6 & 7a
BCA Occupancy Class
2
BCA Type of Construction
A
Building Approval Plans are to
be Read in Conjunction with
the Building Approval Letter

Sch 2 s 2.2(a)(ii)


B
C
D
E
F
G
H
I
J
D51 A0450
D56 A0450
D52 A0450
01 A1504 A1505
SFL 617.000 ROOF
100mm GAP TO BOUNDARY
SFL 613.290 LEVEL16
SFL 610.210 LEVEL 15
SFL 607.090 LEVEL 14
SFL 604.060 LEVEL 13
SFL 601.030 LEVEL 12
SFL 598.000 LEVEL 11
SFL 594.970 LEVEL 10
SFL 591.940 LEVEL 9
SFL 588.910 LEVEL 8
SFL 585.880 LEVEL 7
SFL 582.850 LEVEL 6
SFL 579.820 LEVEL 5
SFL 576.790 LEVEL 4
SFL 573.760 LEVEL 3
SFL 570.730 LEVEL 2
SFL 567.700 LEVEL 1
SFL 561.915 GROUND FLOOR
RL 560.780 GROUND FLOOR ALLARA STREET
SFL 557.315 BASEMENT P1
SFL 554.315 BASEMENT P2
3,710
3,080
3,120
3,030
3,030
3,030

BCA certifiers
ABN: 56 119 759 734
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004
BCA Certifiers
Australia Pty Ltd
Lic No: 200714
Sch 2 s 2.2(a)(ii)
BCA Occupancy Class
BCA Type of Construction
Building Approval Plans are to
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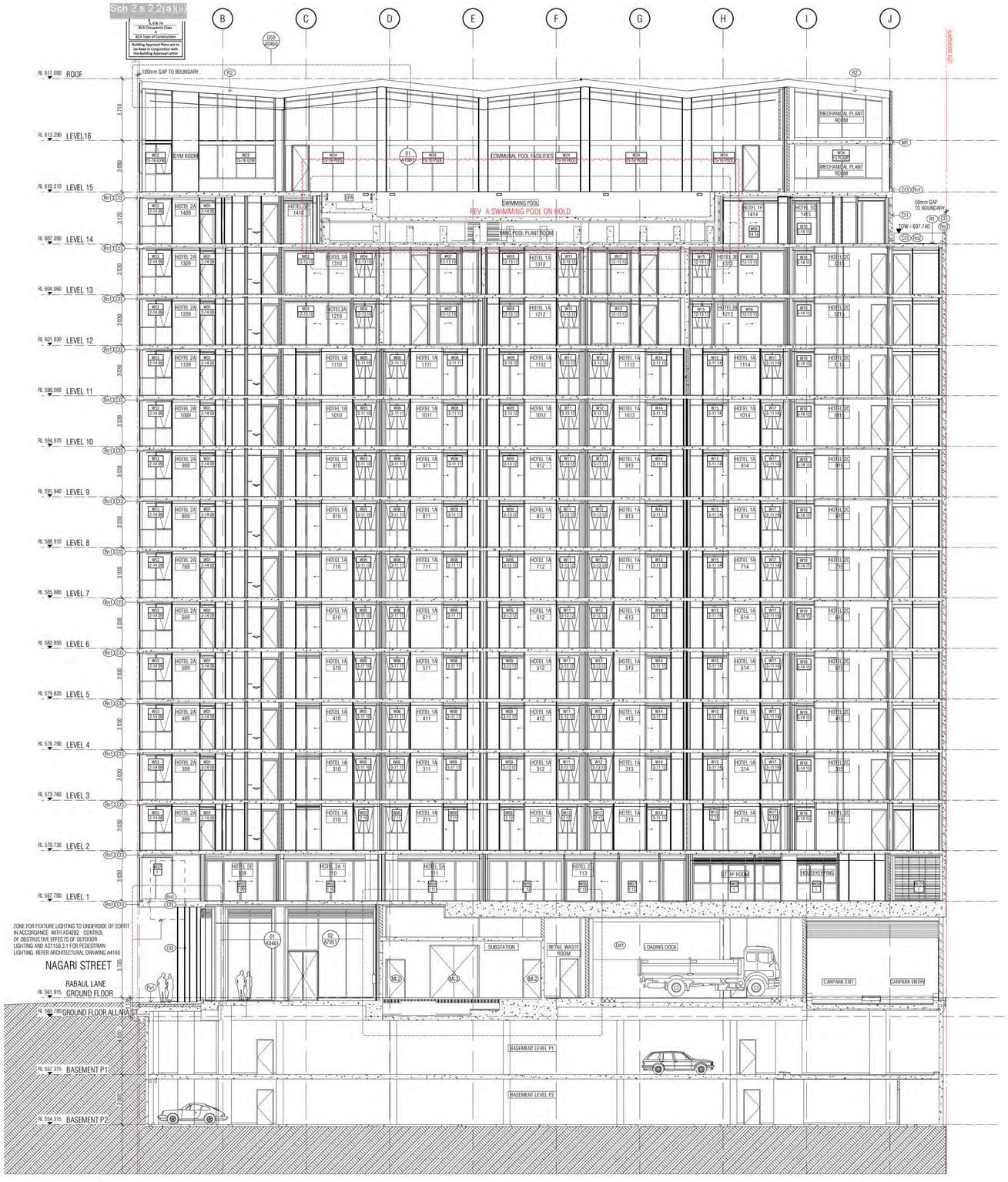
the Building Approval Letter



BB SECTION BB

BIMcloud: FKSYDBIMCLOUD23 - BIMcloud Basic for ARCHICAD 23/19125 - 40 Allara St Canberra/19125 General

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

GENERAL ELEVATIONS LEGEND

- Bs1 BALUSTRADE TYPE 1 AND BAT 1 CANTILEVERED GLASS BALUSTRADE, TINT TO MATCH G4 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Bs2 BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- Bs3 BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- C1 PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C1/2 PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C2 NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cs1 COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cs2 COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- G1 ALUMINIUM WINDOW SYSTEM
- G2 ALUMINIUM CURTAIN WALL
- G3 STRUCTURAL GLAZING SYSTEM
- G4 VISION GLASS
- G5 PRIVACY GLASS
- G6 SPANDREL GLASS
- GT GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATIONS.

- L1 PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L2 WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L3 LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv1 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv2 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Sc SCREEN DEVICE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M1 ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M2 ALUMINIUM CLADDING POWDER COAT FINISH 2 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M3 ALUMINIUM CLADDING POWDER COAT FINISH 3 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

NOTE: ALL CLADDING SYSTEMS PANELS AS INDICATED ON ARCHITECTURAL DRAWINGS. DESIGN DEVELOPED, DETAILED AND INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS

- RN1 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN2 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- RN3 APPLIED RENDER FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R1 BALLAST REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- R2 STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Fn FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad1 AUTOMATIC CURVED SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad2 AUTOMATIC SLIDING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Ad3 AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- M1 OVERHEAD DOOR 01, 02.... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv1 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Pv2 PAVING FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

MECHANICAL VENTILATION GRILLES

- MV1 L900*H70 "
- MV2 L1500*H100 "
- MV3 L2490*H500
- MV4 L300*H300
- MV5 L300*H200
- MV6 L500*H500 "
- MV7 L2600*H300 "
- MV8 L900*H300 "
- MV9 L1200*H500 "
- MV10 L2500*H500 "
- MV11 L850*H850
- MV12 L635*H1450
- MV13 L2600*H250 "
- MV14 L2090*H250 "
- MV15 L2450*H650
- MV16 2 " 515DIA EYE BALL DIFFUSER

WO1 → WINDOW NUMBER
1.01 → HOTEL SUITE NUMBER
→ BUILDING LEVEL
RETURN WALL
SOFFIT FINISH
OF1 OVERFLOW 1, 2, 3...

REVISION

-	DRAFT TENDER ISSUE GENERAL UPDATE	KH	23.03.2021
A	ISSUE FOR CONSTRUCTION	PM	24.01.2022

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001-2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

■ SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE	DATE OF REVIEW: 01 10 2020
■ DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE	DATE OF REVIEW: 01 02 2021
■ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE	DATE OF REVIEW: 01 09 2021
■ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE	DATE OF REVIEW: 12 01 2022

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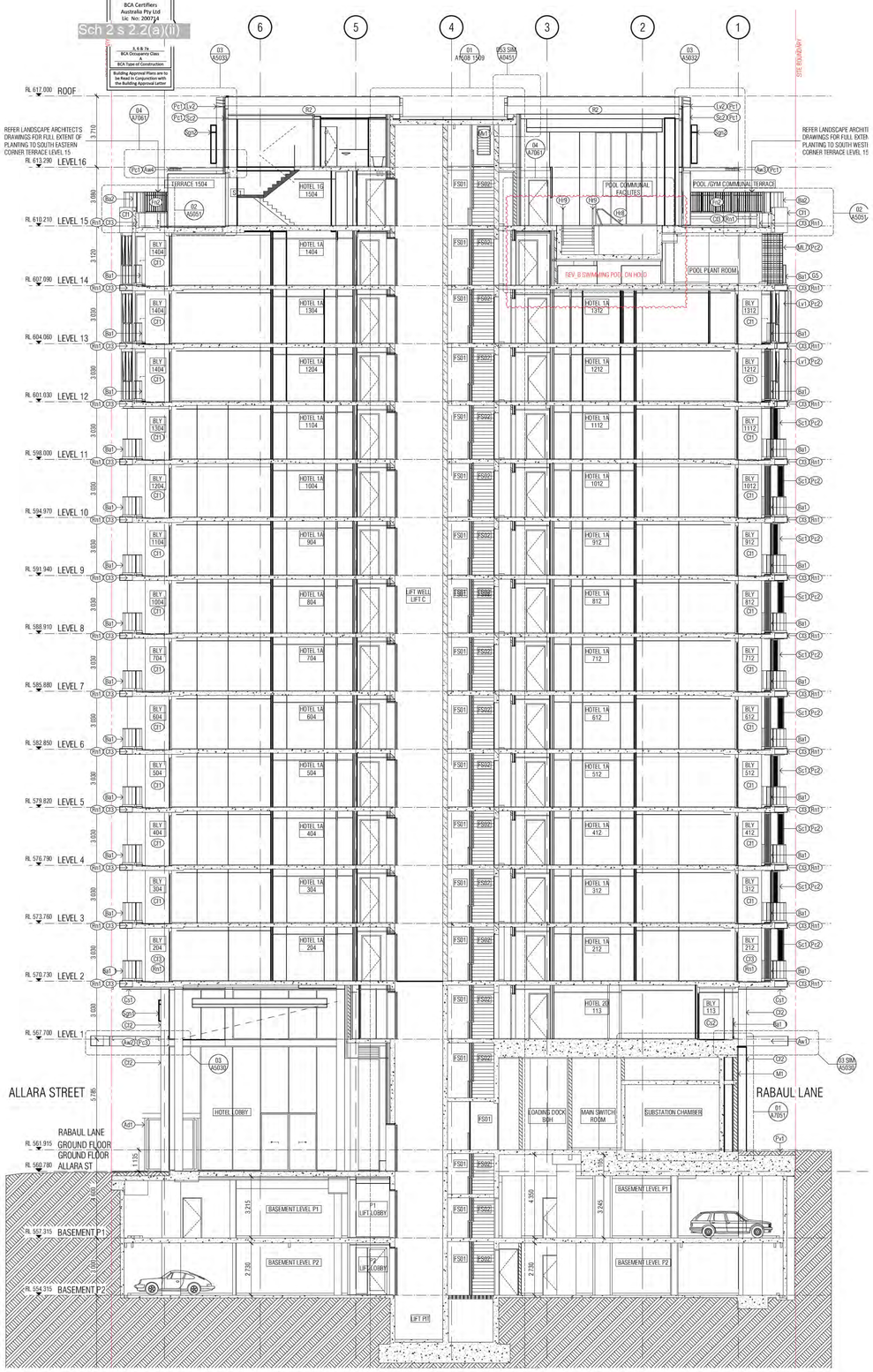
PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8218 5500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

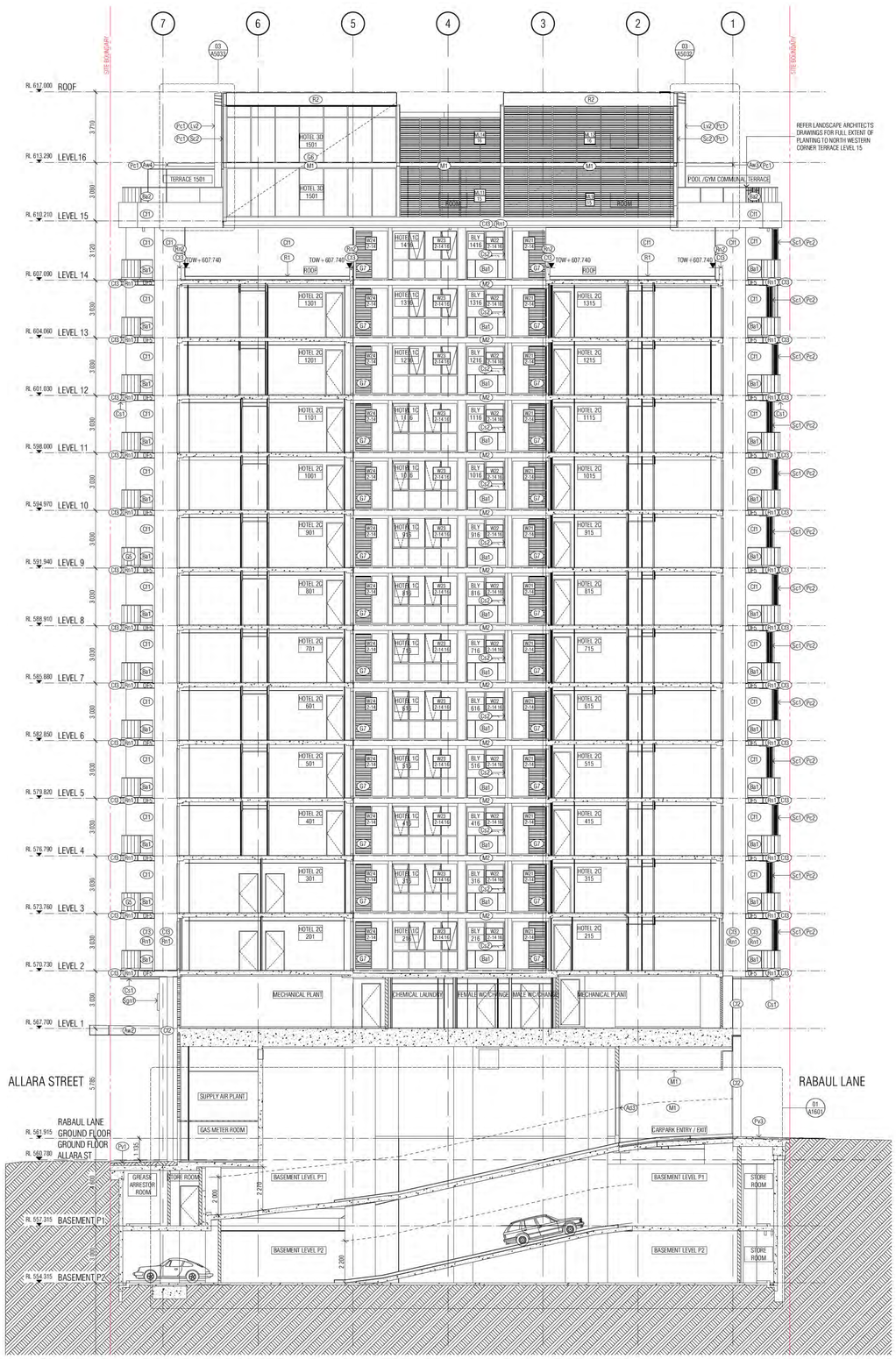
DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
BB	24.01.2022	PM	24.01.2022	19125	1:100@A1

DRAWING TITLE SECTION BB
ISSUE PURPOSE FOR CONSTRUCTION
REV. A
DRAWING NO. A0251

BCA certifyfirst
ABN: 56 119 705 784
Date Issued:
9 March 2022
BUILDING APPROVAL
Issued Under S.28 of
the Building Act 2004
BCA Certifiers
Australia Pty Ltd
Lic. No: 20077.4
6, 6.8.7a
BCA Occupancy Class
BCA Type of Construction
Building Approval Plans are to
be Read in Conjunction with
the Building Approval Letter
Sch 2 s 2.2(a)(ii)



01 SECTION CC



DD SECTION DD

GENERAL ELEVATIONS LEGEND

- Ba1 BALUSTRADE TYPE 1 AND BA1 1 CANTILEVERED GLASS BALUSTRADE, TINT TO MATCH G4
- Ba2 BALUSTRADE TYPE 2 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- Ba3 BALUSTRADE TYPE 3 CANTILEVERED GLASS BALUSTRADE VISION GLASS
- C1 PRECAST CONCRETE WHITE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C1D PRECAST CONCRETE WITH A CLASS 2 FINISH COLOUR CONTROL AS TO AS 3610 CLAUSE 2. REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- C2 NATURAL GREY CONCRETE WITH A CLASS 2 FINISH REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cs1 COMPRESSED FIBRE CEMENT SHEET SOFFIT CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Cs2 COMPRESSED FIBRE CEMENT SHEET WALL CLADDING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE

GLAZING TYPES

- G1 ALUMINIUM WINDOW SYSTEM
- G2 ALUMINIUM CURTAIN WALL
- G3 STRUCTURAL GLAZING SYSTEM
- G4 VISION GLASS
- G5 PRIVACY GLASS
- G6 SPANDREL GLASS
- G7 GLASS LOUVRES

G1 / G4 UNLESS NOTED OTHERWISE ON ELEVATION;

- L1 PLANTROOM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L2 WINDOW SYSTEM LOUVRES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- L3 LOUVRE SCREEN REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv1 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Lv2 METAL LOUVRE BLADES REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
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- M1 ALUMINIUM CLADDING POWDER COAT FINISH 1 REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
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- R2 STEEL ROOFING REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Fn FENCE REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
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- Ad3 AUTOMATIC SWING DOOR REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
- Md1 OVERHEAD DOOR 01, 02... REFER EXTERNAL FINISHES SCHEDULE FOR TYPE
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MECHANICAL VENTILATION GRILLES

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- MV8 L900*H300 "
- MV9 L1200*H500 "
- MV10 L2500*H500 "
- MV11 L850*H850
- MV12 L635*H1450
- MV13 L2690*H250 "
- MV14 L2090*H250 "
- MV15 L2450*H650
- MV16 2 " 315DIA EYE BALL DIFFUSER

WD1 → WINDOW NUMBER
1.01 → HOTEL SUITE NUMBER
→ BUILDING LEVEL

RETURN WALL
SOFFIT FINISH
OF1 OVERFLOW 1,2, 3...

BUILDING APPROVAL FOR STRUCTURAL WORKS ABOVE GROUNG FLOOR TO LEVEL 4 ONLY

BIMcloud: FKSYDBIMCLOUD13 - BIMcloud Basic for ARCHICAD 23/19125 - 40 Allara St Canberra/19125 General

REVISION

-	DRAFT TENDER ISSUE GENERAL UPDATE	PM	23.03.2021
A	ISSUE FOR CONSTRUCTION	PM	24.01.2022
> B	CONSTRUCTION UPDATE	PM	07.02.2022

REVISION

QUALITY ASSURANCE (FK IS A CERTIFIED COMPANY TO ISO 9001-2015)

THIS PROJECT IS SUBJECT TO THE FK QUALITY ASSURANCE SYSTEM

- ■ SCHEMATIC DESIGN REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01.10.2020
- ■ DESIGN DEVELOPMENT REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01.02.2021
- ■ TENDER DOCUMENTATION REVIEW FOR THIS PROJECT IS COMPLETE — DATE OF REVIEW: 01.09.2021
- ■ CONSTRUCTION DOCUMENTATION REVIEW FOR THIS DRAWING IS COMPLETE — DATE OF REVIEW: 12.01.2022

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PROJECT
MERITON SUITES CANBERRA
40 ALLARA ST
CANBERRA ACT 2061

FENDER KATSALIDIS
WWW.FKAUSTRALIA.COM
L21, 259 GEORGE STREET, SYDNEY
NEW SOUTH WALES 2000 AUSTRALIA
TELEPHONE: +61 2 8216 3500
FENDER KATSALIDIS (AUST) PTY LTD ACN 092 943 032

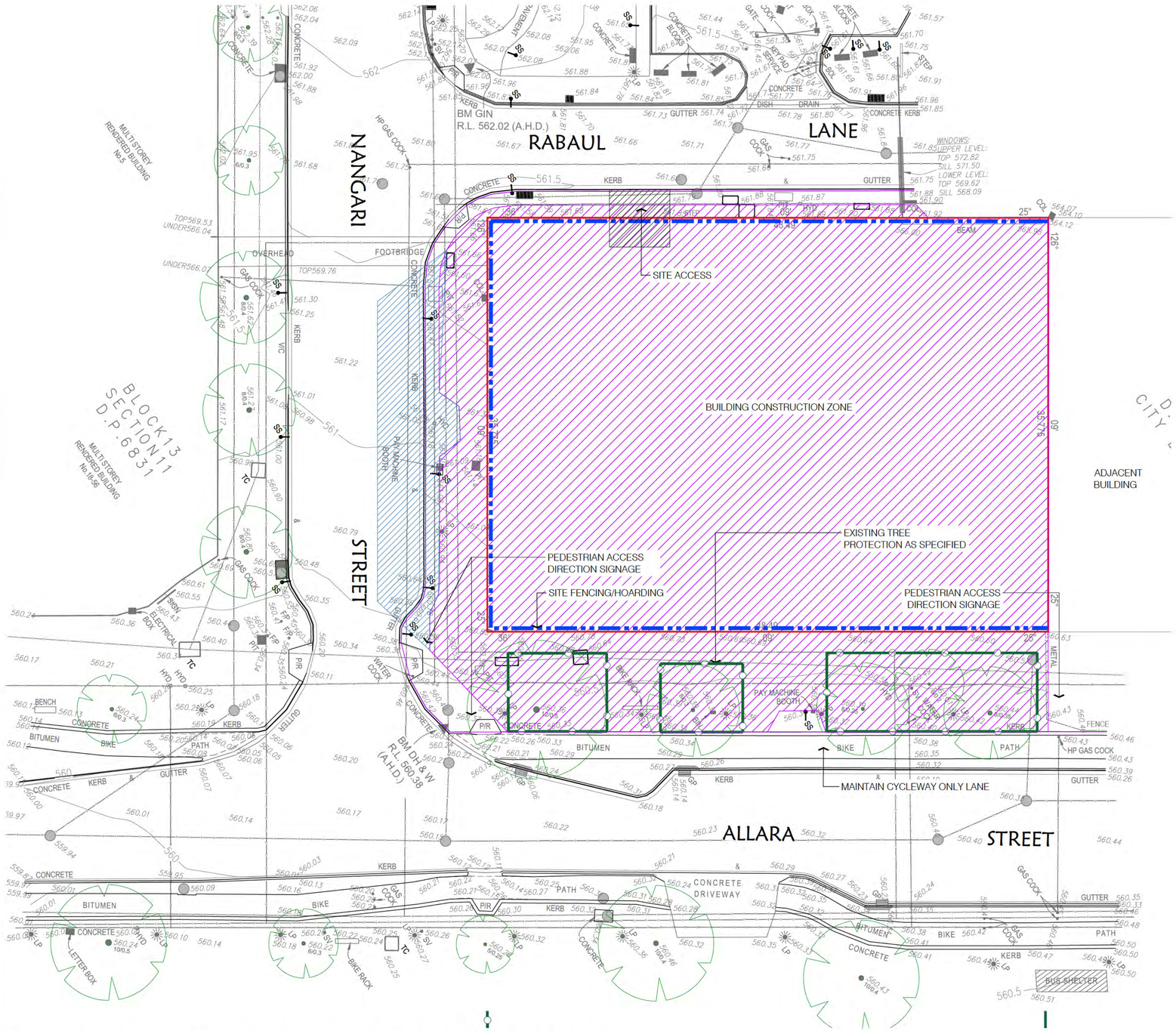
DRAWN	DATE	CHECKED	PLOT DATE	JOB NO.	SCALE
BB	07.02.2022	PM	06.02.2022	19125	1:100@A1

DRAWING TITLE SECTION CC & SECTION DD

ISSUE PURPOSE FOR CONSTRUCTION

REV. B

DRAWING NO. A0252



LANDSCAPE MANAGEMENT & PROTECTION PLAN

GENERAL NOTES

- TREE PROTECTION TO BE CARRIED OUT IN ACCORDANCE WITH THE TERRITORY & MUNICIPAL SERVICES REFERENCE DOCUMENT 4 'LANDSCAPE MANAGEMENT AND PROTECTION PLANS (LMPP) - ISSUE 2 REVISION 2, AUGUST 2010.
- REFER GOLD LEAF IMPACT ASSESSMENT AND TREE MANAGEMENT PLAN (NOVEMBER 2020)

DO NOT SCALE

USE FIGURED DIMENSIONS AT ALL TIMES. F IN DOUBT CHECK WITH MERITON APARTMENTS PTY. LTD. CONTRACTOR/S TO CHECK AND VERIFY ALL LEVELS, DATUMS AND DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES OR OMMISSIONS TO MERITON APARTMENTS PTY. LTD. PRIOR TO COMMENCEMENT OF WORK AND DURING THE CONSTRUCTION PHASE.

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LEGEND

- EXISTING TREES TO BE RETAINED
- SITE BOUNDARY
- SITE FENCING / HOARDING
- EXISTING TREE PROTECTION FENCING AS SPECIFIED
- APPROVED WORK AREA AS PER TTM REGISTERED NUMBER TM/7756 - 30/11/20
- APPROVED WORK AREA AS PER TTM REGISTERED NUMBER TM/7756 - 12.05.21

1:200 @ A1 1:400 @ A3
0 2 4 6 8 10m

REV	DESCRIPTION	DWN	CHK	DATE
D	FOR APPROVAL	CG	CG	02.06.21
C	FOR APPROVAL	CG	CG	27.05.21
B	FOR APPROVAL	CG	CG	20.05.20
A	FOR APPROVAL	CG	CG	21.01.20

MERITON
Builders & Developers
Level 11, 528 Kent Street, Sydney NSW 2000
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Email: camwrong@meriton.com.au
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PROJECT:
40 ALLARA St,
CANBERRA

DRAWING TITLE:
LANDSCAPE MANAGEMENT & PROTECTION PLAN

DATE:	SCALE: AS SHOWN	DRAWING No: L100	REV: D
PROJECT NO:	DRAWN BY: AS SHOWN		

APPROVED AND SIGNED ON BEHALF OF MERITON APARTMENTS PTY LTD
Sch 2 s 2.2(a)(ii)
CAMERON GREATBATCH (REG. LA)

NORTH

S:\Canberra - Allara St (40)\Coordinated\Landscape\CAD\Dgn\Sheets\L100.dwg
02.06.2021
CAMERON.GREATBATCH
DIRECTORY

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ABN: 56 118 759 734
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Block 4 Section 12 City

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DILAPIDATION REPORT (ADDITIONAL BUILDING)

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Work

20 Allara Street Basement (Adjacent Building – Currently Being Completed)

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC03
Rev: 1.0
Date: 9 February 2021

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09 March 2022
BCS 211679
Block 4 Section 12 City

Asset Defect Inspection Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
09/02/2021	1.0	Report	N.Grinter	D.Field

Northrop Consulting Engineers Pty Ltd

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SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
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Block 4 Section 12 City

1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Existing Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report for the ground floor and basement (no other floors were inspected) of the recently redeveloped 20 Allara Street.

Morris Property Group were provided the scope of the Existing Asset Defect Inspection prior to providing a confirmed time and date of inspection.

The asset defect inspection occurred on 10 December, 2020 in the morning. Mitchel Smith was present from Morris Property Group and met with Nicholas Grinter from Northrop Consulting Engineers. At the date of inspection, the structure of 20 Allara Street had been constructed and final completion works were being completed.

The asset defect inspection covered a section of 20 Allara Street, namely:

- The ground floor within approximately 10m of the block boundary to 40 Allara Street; and
- All basement levels for parking within approximately 10m of the block boundary to 40 Allara Street.

Only visual observations have been recorded as part of these works.

The approximate bounds of the asset defect inspection are defined by the red outline as per Figure 1.

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below with some defects being common amongst areas and only recorded once in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage has been supplied with this report.

A summary of the videos include:

- Ground Floor – File VID20201210094237 reference to be taken from footage of outside area;

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- Basement Level 1 – File VID20201210093513 video starts near Allara Street looking at the central core and finishes in the corner adjacent Allara Street at the South of the block and VID20201210093607 starts near the stormwater tank and continues along the Southern boundary of the block;
- Basement Level 2 – File VID20201210092315 – starts near the corner adjacent Allara Street at the South of the block and continues along the Southern boundary of the block;
- Basement Level 3 – File VID20201210091342 – the corner adjacent Allara Street at the South of the block and File VID20201210091536 the corner adjacent Rabaul Lane at the South of the block and continues along the Southern boundary.

Weather conditions at the time of inspection indicated rain had been recorded to fall at both the Canberra (Australian Botanic Gardens) and Canberra Parliament House in the week leading up to the inspection as summarised by the following (full rainfall data can be found on the Australian Government Bureau of Meteorology website):

- Canberra (Australian Botanic Gardens)
  - 11.2mm rainfall recorded on 06/12/2020; and
  - 0.5mm rainfall recorded on 08/12/2020;
- Canberra Parliament House;
  - 10mm rainfall recorded on 06/12/2020.

Limitations to this report include:

- Internals to service pits, manholes, sumps and the like have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. Elevated surfaces have been captured from the closest and safest location possible;
- Defects not identified within the inspection date have not been recorded;
- Only surface conditions have been noted in this report, no none-surface conditions were visible during the inspections;
- Mitchel from Morris Property Group provided commentary on some of the items identified however did not provide written confirmation on the defects identified; and
- Defects and observations have been noted in this report as identified by Northrop at the time of inspection.

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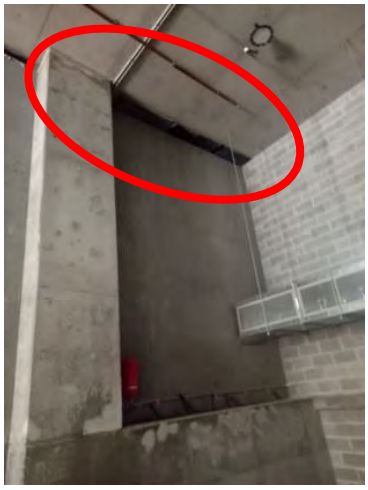
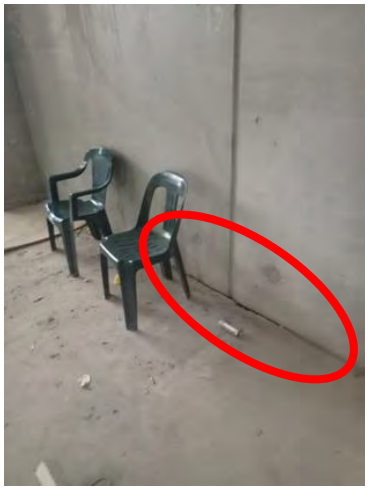
2. Photos

2.1 Ground Floor

Table 1 contains photos of observations of the Ground Floor up to the position of the first major wall as identified in the video.

Table 1 Ground Floor

Location	Description	Photo
G.1	Possible water proofing material/sealant between top of wall and soffit of next floor's slab	
G.2	Void between wall adjacent boundary of 40 Allara Street block and ground floor slab	

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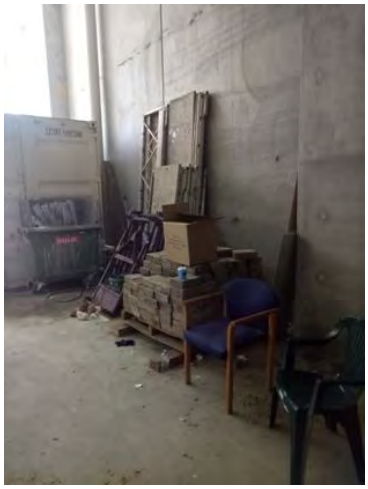
G.3	Noticeable line through concrete/likely pour break on ground floor slab	
G.4	Construction materials obstructing views of works (example of various areas over inspected section)	
G.5	Separation of the two adjacent walls of 20 Allara Street and 40 Allara Street along block boundary taken from Allara Street	

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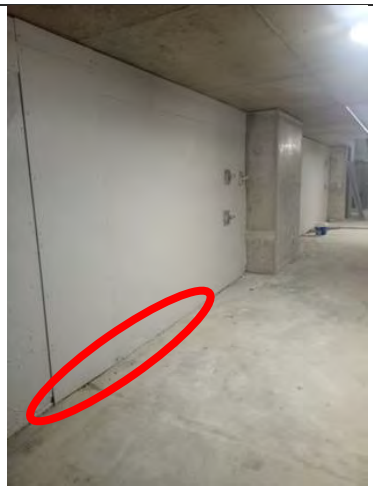
2.2 Basement Level 1

Table 2 contains photos of defects and other items observed at the Basement Level 1 up to the position of the lift shaft as identified in the video.

Table 2 Basement Level 1

Location	Description	Photo
1.1	Wall adjacent Allara Street near 40 Allara Street and surrounding area poorly finished	
1.2	Water/leakage observed at drainage infrastructure and wall	
1.3	Void at wall and basement level 1 slab	

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1.4	Noticeable line through concrete/likely pour break on basement level 1 slab	
1.5	Condition of a column	

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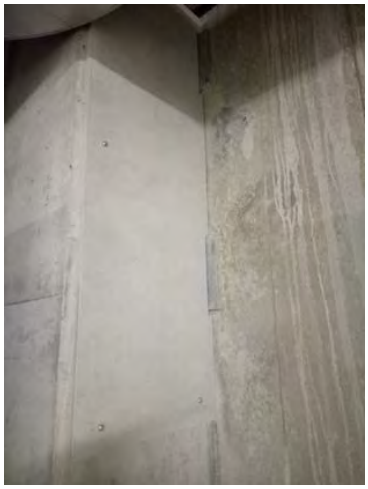
2.3 Basement Level 2

Table 3 contains photos of defects and other items observed at the Basement Level 2 up to the position of the lift shaft as identified in the video.

Table 3 Basement Level 2

Location	Description	Photo
2.1	Sheet covering column face fixed to column	
2.2	Void between wall and basement level 2 slab/column	

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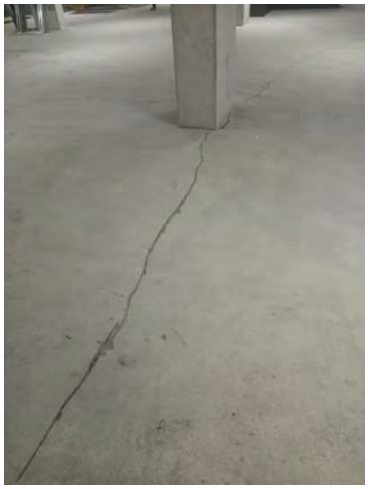
2.3	Condition of concrete column against wall adjacent Southern boundary	
2.4	Crack on Basement Level 2 Slab	
2.5	Presence of water	

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2.6 Hairline cracking in the slab at a column

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2.4 Basement Level 3

Table 4 contains photos of defects and other items observed at the Basement Level 3 up to the position of the lift shaft as identified in the video.

Table 4 Basement Level 3

Location	Description	Photo
3.1	Cracking at slab soffit adjacent column	
3.2	Concrete spalling/damage to column	

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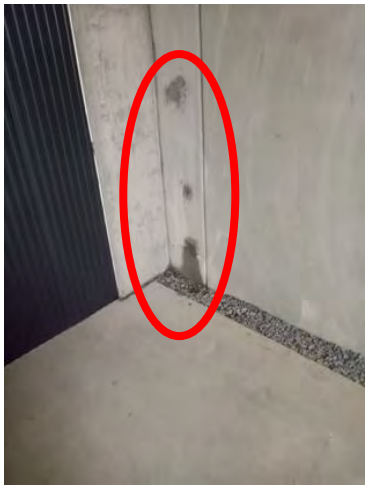
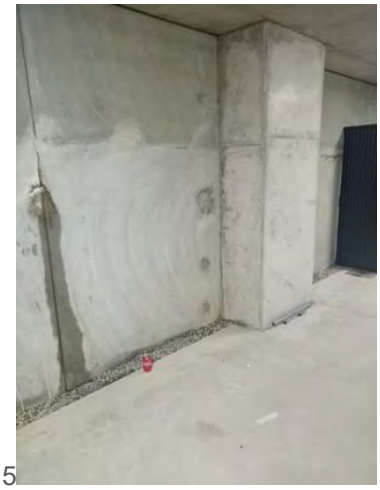
3.3 Moisture observed



3.4 Moisture observed



5

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3. Summary

Northrop Consulting Engineers completed an Existing Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report for the ground floor and basement.

The observations were complete on the ground floor and basement levels up to approximately 10m into the building.

Michel Smith from Morris Property Group and Nicholas Grinter from Northrop Consulting Engineers attended the Existing Asset Defect Inspection on the morning of 10 December 2020.

The report contains a selection of photos with corresponding descriptions. The report has been supplied with additional photos and video footage.

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DILAPIDATION REPORT

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Works

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC01
Rev: 2.0
Date: 29 October 2020

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Civil Engineering Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
26/10/2020	1.0	Preliminary Report	N.Grinter	D.Field
29/10/2020	2.0	For Issue	N.Grinter	D.Field

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SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
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1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report.

The asset defect inspection was to cover a section of:

- Rabaul Lane;
- Nangari Street; and
- Allara Street.

The bounds of the asset defect inspection are as per Figure 1.

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below noting some defects were common amongst areas.

The asset defect inspection occurred 20 October, 2020. During the inspection, it was noted there was construction works occurring at Block 13, Section 11 City and Block 18, Section 12 City. These works had construction activities occurring within the verge adjacent the block and within close proximity to the block and hence, defects in these areas and up to 1m off the works fence are not covered in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage of the area is also available at request.

Limitations to this report include:

- Internals to service pits, manholes and sumps have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. As the area is open to traffic and parked cars, defects in these areas have not been captured;
- Defects beyond the inspection date and time (20 October, 2020 – 11:50am) have not been recorded;
- Defects are located as an approximate location on the defect locality plan only; and
- Defects have been noted in this report as identified by Northrop at the time of inspection. Photography and video footage have been supplied with this report.

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2. Photos

2.1 Block 6, Section 12 City

Table 1 contains photos of defects from the structure at Block 6, Section 12 City.

Table 1 Block 6, Section 12 Structure

Location	Description	Photo
1	Chipped tile, tiles not flush with ground	
2	Discolouration of beam	

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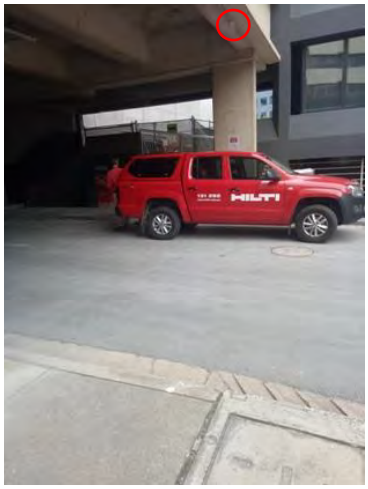
3	Discolouration of beam	
4	Spalling of concrete at base and on edge of column	
5	Cracking of concrete at base of column	

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2.2 Rabaul Lane

Table 2 contains photos of defects from Rabaul Lane (within the scope of the works) including the road and verge either side of the road.

Table 2 Rabaul Lane

Location	Description	Photo
6	Crack in concrete pavement, cracking and damage to pavers and concrete surrounding the surround, cracked lids, spalling of lids, spalling of kerb either side of sump, cracking and spalling of kerb and gutter It is evident that cracking and spalling of the kerb and gutter is consistent along the extents of Rabaul Lane. Further photos will not be provided of this defect however they will be accessible if required	
7	Asphalt works inbetween surround and pavers	
8	Pot hole in asphalt, cracks in OCI, cracking of asphalt, finish between concrete and asphalt interfaces not flush in the horizontal plane	

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9	Pot hole on road (different to that identified in Location 8)	
10	Cracking and spalling of concrete pavement (noted along extents of this section of footpath along Rabaul Lane)	
11	Discolouration of kerb (noted along extents of Rabaul Lane in selected areas)	

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12	Sump surround cracked (it is noted the photo showing the front of the sump shows the sump in poor condition)	
13	Subsidence of pavers, cracked pavers, infill in lieu of pavers	
14	Line marking cracked (representative of line marking for whole extents of Rabaul Lane including stop line and TB1 line marking at entry from Nangari Street), RRPM's not conforming to Icon Water standard drawings	

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15	RRPMs removed from road (extents of road has had RRPMs removed)	
16	Saw cuts in road	
17	Cracking and spalling of concrete	

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18	Cracked concrete footpath with spalling evident (noted to be along the length of Rabaul Lane's South Eastern verge), saw cuts beyond asphalt fill of surround, minor damage to pit lids on edges/corners	
19	Possible existing concrete patching, FH marker on building rather than kerb, asphalt fill in place to address change in height between panels	
20	Rusted Lids and surround, cracked lid	

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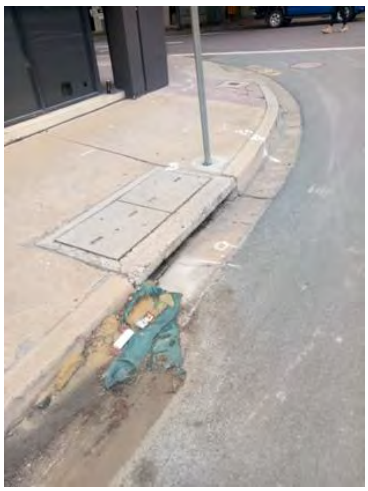
21	Kerb and gutter built around manhole, manhole side exposed	
22	Patched concrete kerb	
23	Cracks in sump lid and surround, cracking at throat of sump, damage to interface of sump surround and concrete footpath	

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24	Subsidence of pavers, damage to SV surround	

2.3 Overhead Pedestrian Bridge between Block 4, Section 12 City and Block 12, Section 11 City

No defects were visibly identified from road level in relation to the overhead pedestrian bridge between Block 4, Section 12 City and Block 12, Section 11 City.

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2.4 Nangari Street

Table 3 contains photos of defects from Nangari Street (within the scope of the works) including the road and verge either side of the road.

Table 3 Nangari Street

Location	Description	Photo
25	Cracked and spalling kerb and gutter with extensive damage in location shown (condition of kerb and gutter is consistent across Nangari Street with multiple locations showing cracking and spalling and damage, this photo is representative of those conditions), damage to edge of concrete lid	
26	Pavers not providing flush interfacing around tree, paver colour varies in location	
27	Cracking of asphalt noted to be along extents of road both in the direction of and perpendicular to the general path of by vehicles travel as well as around manhole lid	

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28	Tyre markings on pram ramp, neat saw cut adjacent to kerb and gutter, worn “look” line marking, worn green bicycle line marking and TB1 line marking (consistent for extent of bicycle crossing)	
29	Cracked and spalling pavers – it is noted this was consistent across all surfaces within the area of interest where this style of paver is used	
30	Rusted manhole lid and surround	

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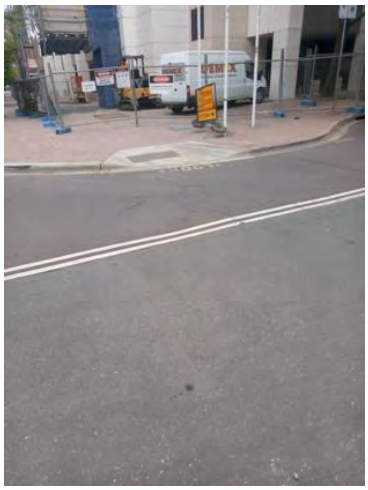
31	Cracking and deterioration of bicycle line marking which is consistent at any joints/cracking/other key features of line marking, general deterioration of TB1 line marking across Nangari Street	
32	Saw cut and patched section of asphalt, asphalt relayed at kerb	
33	Crocodile cracking present	

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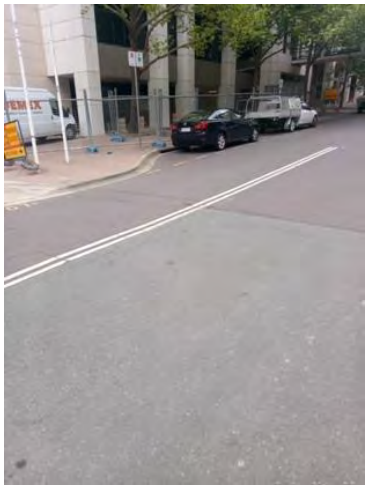
34	Cracking at asphalt surfaces interface	
35	RRPM missing	
36	Icon water fire hydrant RRMPs missing	

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37	Lids damaged on edges and at lifting locations, subsidence of pavers	
38	Lid rusted	
39	Random clusters of pavers replaced, give way sign not aligned straight vertically	

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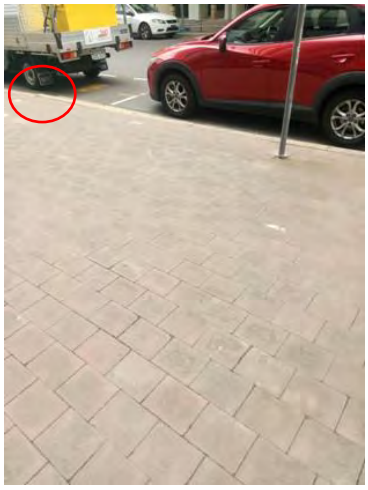
40	Kerb lifted	
41	Fire Hydrant marker on top of kerb	
42	Cracking and spalling of hydrant surround	

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43	Deterioration of line marking (assessed as consistent of line marking for parking space delineation along Nangari Street), graffiti on street light column, existing pole cut at base	
44	Existing pole cut at base	
45	Dirty coloured paving suggesting subsidence, rusted manhole lid and surround, water marker on pram ramp, discolouration of selected pavers	

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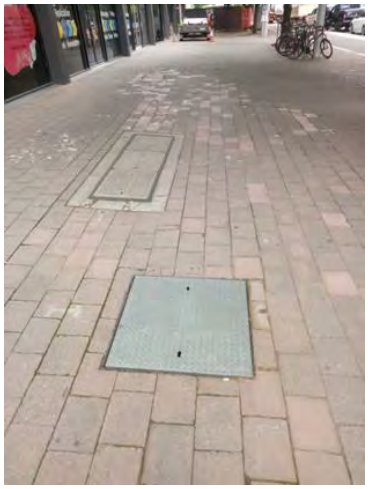
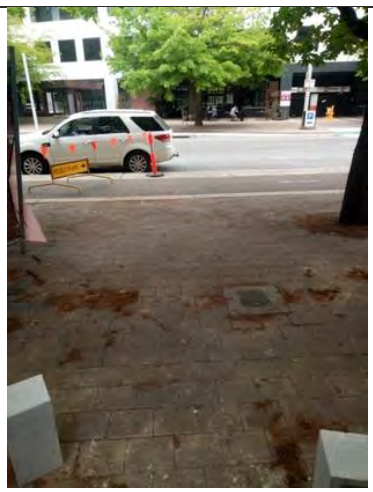
2.5 Allara Street

Table 4 contains photos of defects from Nangari Street (within the scope of the works) including the road and verge either side of the road.

Table 4 Allara Street

Location	Description	Photo
46	Pavers cracked and spalling, uneven different colour pavers visible (paver condition same for extents of paving), cracking of concrete surround for lid, damage to edges and lifting points of TranACT lids	
47	Condition of lid noting it is Class A	
48	Condition of hydrant and surround	

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49	Extent of construction worksite (North side of tree)	
50	Metal cover not sitting flush, concrete surround showing damaged edges	
51	Raised pavers around tree (noticeable at trees in verge either side of Allara Street)	

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52	General condition of line marking similar to the full extents of Allara Street, fire hydrant marker on top of kerb, RRPMs for hydrant missing	
53	Sediment build up	
54	Level difference between concrete and paver	

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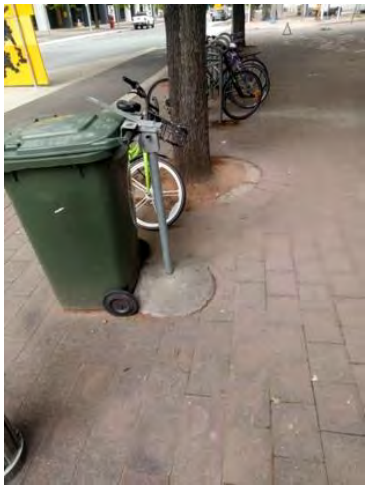
City

55	Difference in level between pavers and flush kerb (same conditions seen across extents of flush kerb)	
56	Edge of concrete base for bin holder damaged, concrete in tree surround cracked with edges damaged	
57	Graffiti on streetlight column, sign brace not in line with sign	

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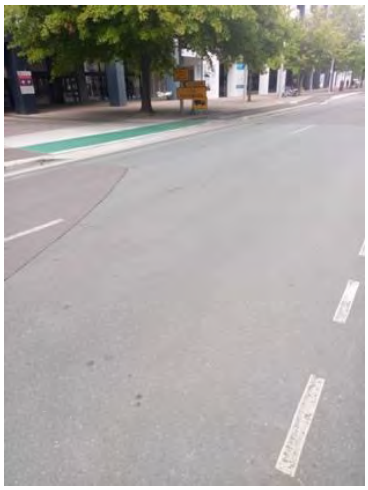
58	Crack in stormwater kerb inlet connection to kerb, asphalt interface from previous works, cracking in asphalt (noted to occur in multiple photos on file)	
59	Irregular finish to edge of concrete and asphalt	
60	Cracking of asphalt along Allara Street (noted in multiple locations other than photo shown)	

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61	Spalling concrete along edge of panel	
62	Cracks in concrete	
63	Spalling of concrete flush kerb, general condition of asphalt/concrete interface	

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64	Line marking worn, gap in green bicycle line marking, pot hole in asphalt	
65	Extent of base of tree showing paving surround lifted and existing concrete	
66	Damage to edge of sump lid, general damage and cracking to pavers which is common for the type of paver on the South Eastern side of Allara Street, spalling of flush kerb and manhole lid	

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67 Crack in concrete flush kerb

68 Spalling of concrete

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3. Defect Locality Map

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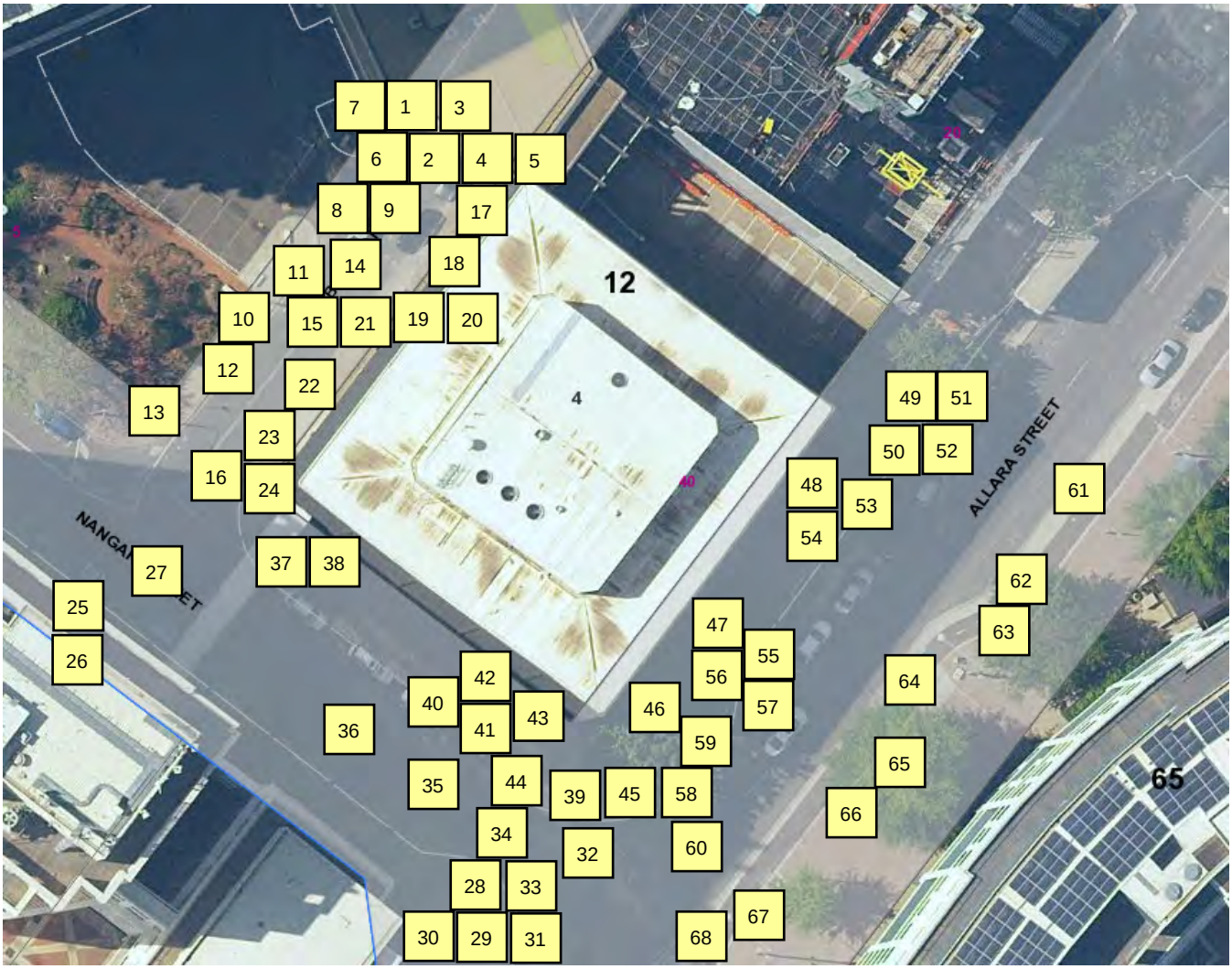

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NORTHROP

DILAPIDATION REPORT

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Works

Surrounding Buildings

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC02
Rev: 1.0
Date: 25 November 2020

BCA certifiers
ABN: 56 118 755 734
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Block 4 Section 12
City

Civil Engineering Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
25/11/2020	1.0	Preliminary Report	N.Grinter	W.Bassanelli

Northrop Consulting Engineers Pty Ltd

ACN 064 775 088 | ABN 81 094 433 100

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1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report.

The asset defect inspection was to cover a section of:

- Block 6, Section 12 City – the building above Rabaul Lane;
- Block 18, Section 12 City – the Morris Property Development at 20 Allara Street; and
- Block 12 and 13, Section 11 City – 5 Constitution Avenue and 48 – 56 Allara Street which are within the possible works zone for the bridge demolition works.

The approximate bounds of the asset defect inspection are defined by the red outline as per Figure 1.

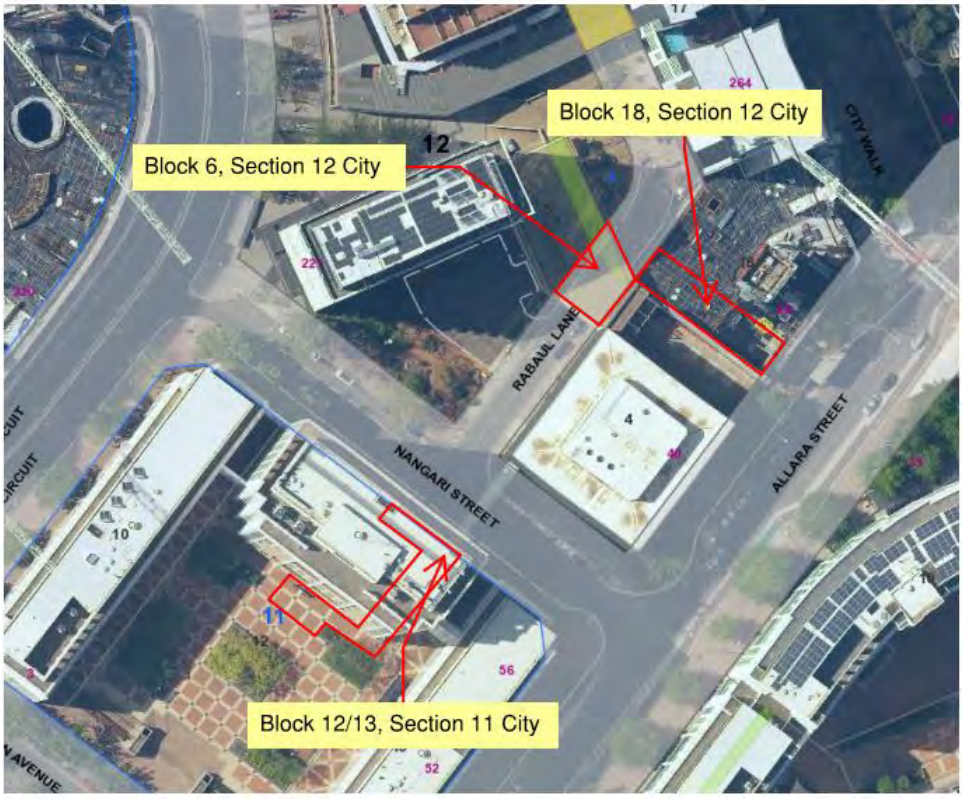

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below, note some defects were common amongst areas.

The asset defect inspections of areas occurred 19 – 23 November, 2020. During the inspection, it was noted there was construction works occurring at Blocks 13, Section 11 City and Block 18, Section 12 City. These works had construction activities occurring within the verge adjacent the block and within close proximity to the block in publicly accessible space and hence, defects in these areas and up to 1m off the works fence may not be covered in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage of the areas inspected is also available at request and has been supplied with this report.

Limitations to this report include:

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- Internals to service pits, manholes, sumps and the like have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. Elevated surfaces have been captured from the closest and safest location possible (ground level or from elevated walkways);
- Defects not identified within the inspection dates have not been recorded;
- Defects are located as an approximate location on the defect locality plan only;
- Only surface conditions have been noted in this report, no none-surface conditions were visible during the inspections; and
- Defects have been noted in this report as identified by Northrop at the time of inspection. Photography and video footage have been supplied with this report.

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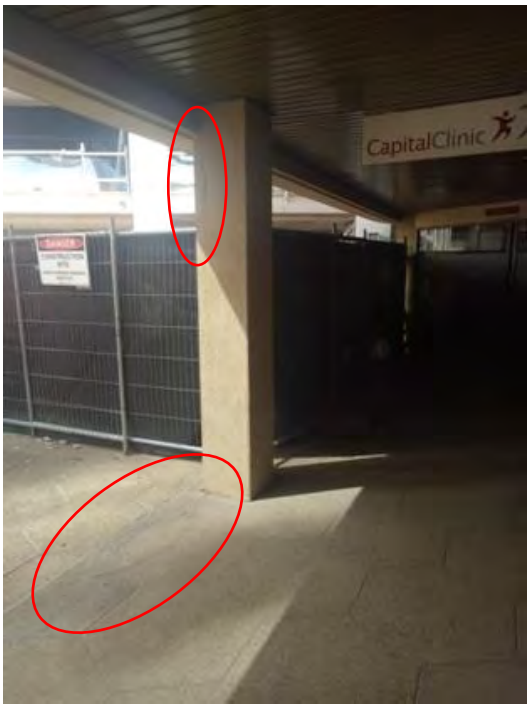
2. Photos

2.1 Block 6, Section 12 City

Table 1 contains photos of defects observed from the structure at Block 6, Section 12 City.

Table 1 Block 6, Section 12 Structure

Location	Description	Photo
1.A.	Cracks in pavers (common across area 1), streaks in column, varying colours of pavers (common across area 1)	
1.B.	Construction waste and rubble along temporary fence	

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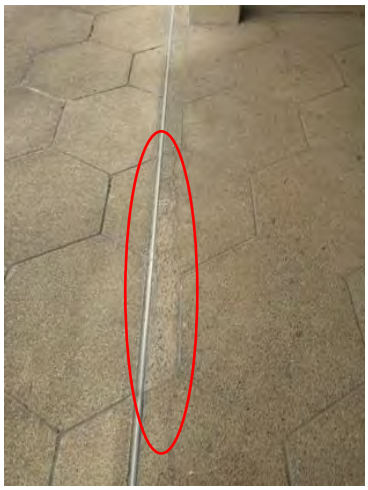
1.C.	Hole in pavement at door	
1.D.	Grout cracked and missing between pavers (common across area 1)	
1.E.	Pavers appear to have been ground to be made flush with surrounding pavers and joint	

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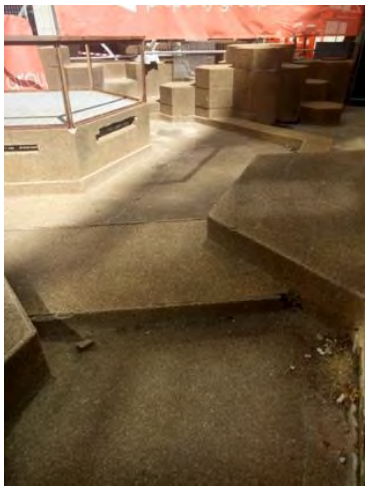
1.F.	Damage to edge of beam (common across area 1)	
1.G.	Dent in roofing (more than 1 occurrence in area 1)	
1.H.	Damage to pavement and structures in open area (up to site of works fence at Block 18, Section 12 City observed only)	

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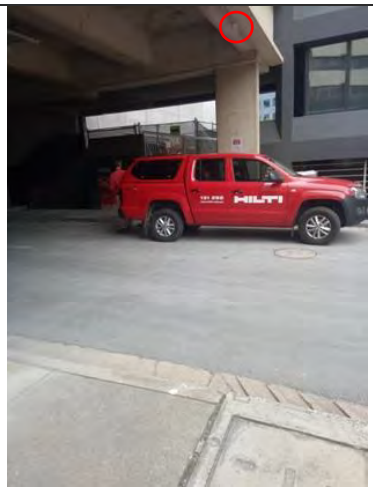
2.A. Discolouration of beam

2.B. Discolouration of beam



2.C. Spalling of concrete at base and on edge of column, cracking of concrete (similar condition along extent of path)

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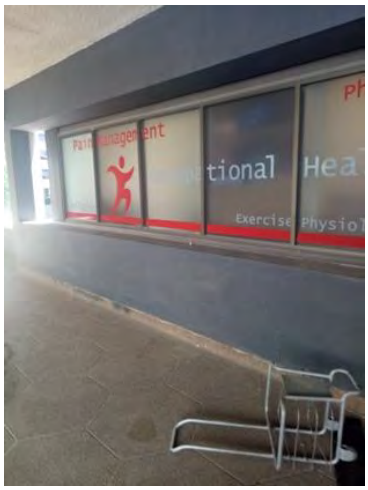
2.D.	Cracking of concrete at base of column, discolouration of column	
3.A.	Note – On first floor above Rabaul Lane, the building is flush with the block of the proposed Meriton Development Northrop Consulting Engineers were invited to access most of the rooms adjacent the works and over Rabaul Lane of the Capital Clinic Physiotherapy by the Practice Manager (Craig Richardson) on 19/11/2020). No defects were identified at the time of inspection. Northrop were able to access the office space above the Capital Clinic Physiotherapy. No defects were identified at the time of inspection.	

It is noted that construction fences were present in the common community area over Rabaul Lane and hence, within or 1m from the construction fences were unable to be reviewed for the purpose of this dilapidation report.

The wall adjacent the second floor of the building over Rabaul lane was not inspected due to access being unavailable from 40 Allara Street. It is recommended this section of the building is checked prior to the commencement of demolition works adjacent the building.

2.2 Block 18, Section 12 City

Block 18, Section 12 City was briefly viewed for the purpose of this report however has not been documented.

The construction works did not allow for sufficient access to the area. Meriton Group are to obtain photos of the area once the Morris Property Group development at 20 Allara Street has vacated 40 Allara Street and prior to the commencement of the 40 Allara Street works. Should the opportunity arise, Meriton Group should also access the 20 Allara Street development and obtain photos of the internals of the structure.

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Onsite, it was discussed with Meriton Group that the capping beam for 20 Allara Street may be within the boundary of 40 Allara Street. Northrop recommends that demolition work to the capping beam for the 20 Allara Street works is in the presence of a representative from Morris Property Group who was involved with the works and capping beam construction. Northrop also recommends that Meriton Group monitor the condition of the Morris Property Group development at 20 Allara Street during the demolition and excavation works – if there are any cracks, spalling of concrete, voids etc in the structure at 20 Allara Street, Meriton Group are to have appropriate procedures in place to record and report this. If there is concern, a suitable qualified engineer should be contacted for advice.

2.3 Block 12 and 13, Section 11 City

Table 2 contains photos of defects from Block 12 and 13, Section 11 City.

Table 2 Rabaul Lane

Location	Description	Photo
4.A.	Cracking of beam either side of bridge to be removed (example photo of cracks in area)	
4.B.	Damage to edge of beams (example photo of damage in area)	

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4.C.	Paint on pipe missing	
5.A.	Crack in structure (across entire structure)	
5.B.	Crack in joint	

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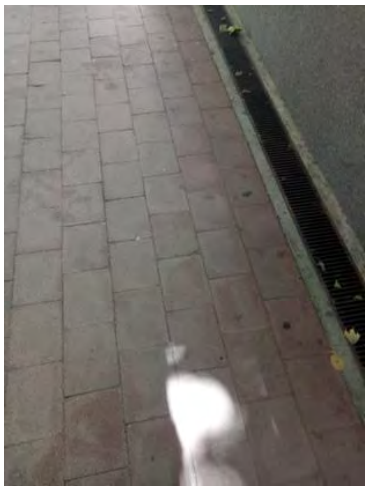
5.C. Damage to pit surround

5.D. Gap between grates

5.E. General condition of pavers – cracking and damage to pavers noted across the entirety of the area



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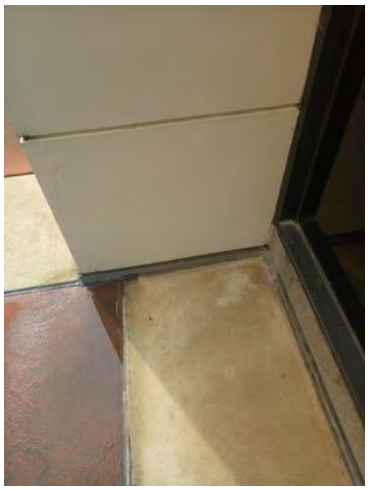
6.A.	Cracking in concrete and pavers (noted to be scattered across the extent of the area)	
6.B.	Uneven surface interfaces (common across entire area)	
6.C.	Note - finish at interface of building and pavement	

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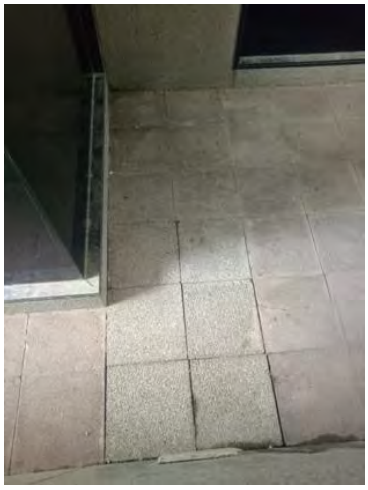
6.D.	General condition of pavers in area – cracking and damage to edges evident	
6.E.	Light appears to be missing/wire hanging from ceiling	
6.F.	Cracking of structure (noted to occur across structure)	

The inspections at Block 12, Section 11 City occurred during the period that works were being undertaken on Block 13, Section 11 City. Due to the works being undertaken on Block 13, areas close to the bridge within the Block 13 construction site were unable to be reviewed. It is recommended once construction has been completed on Block 13, another dilapidation inspection is undertaken by Meriton Group in agreement with the builder for the Block 13 works to confirm site conditions (the site

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conditions are then to be regularly reviewed to during the works and defect liability period to determine if site conditions change.

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3. Defect Locality Map

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LOCATION

MERITON SUITES CANBERRA

40 ALLARA STREET CANBERRA ACT 2061

DISCIPLINE

STRUCTURAL

SUBMISSION TYPE

ISSUED FOR CONSTRUCTION

LOCATION PLAN

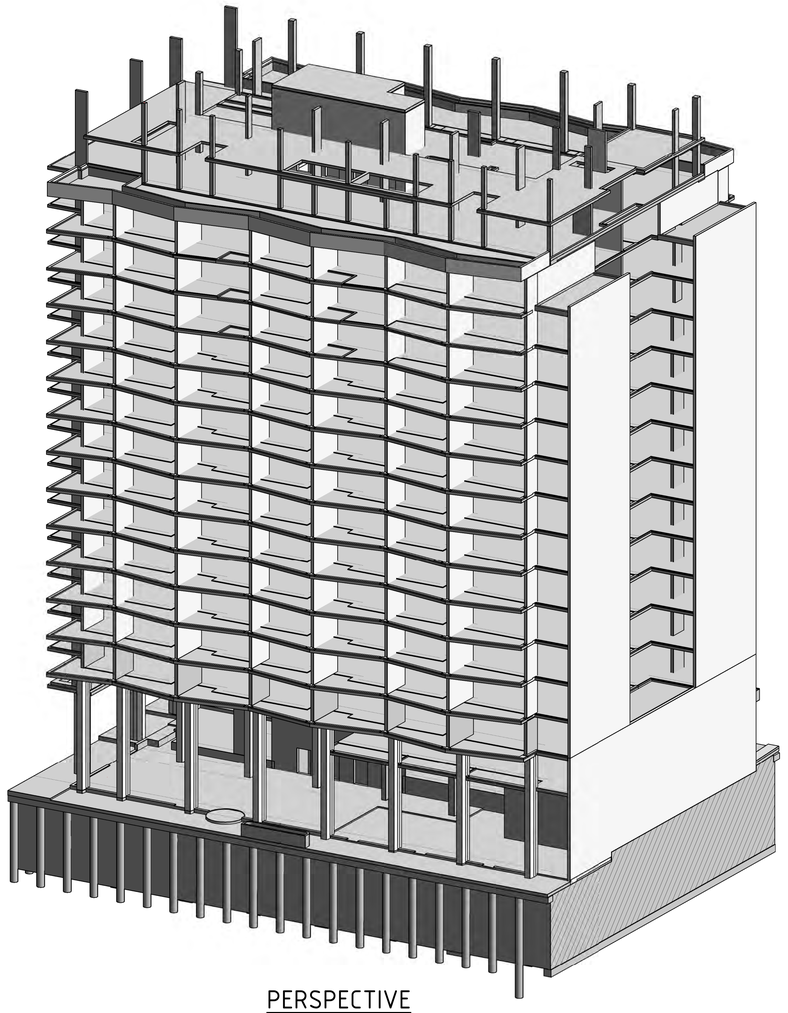
ARCHITECT

FENDER KATSALIDIS

CLIENT

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED

Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777



PERSPECTIVE

DRAWING SCHEDULE

DRAWING SERIES:

E000	-	COVER SHEET, GENERAL NOTES, COLUMN DETAILS, TYPICAL DETAILS
E100	-	PIER RETENTION PLANS, ELEVATIONS
E200	-	MARKING PLANS
E300	-	NOT USED
E400	-	NOT USED
E500	-	DETAILS, SECTIONS
E600	-	PRECAST AND SHEAR WALL ELEVATIONS
E700	-	POOL MARKING PLAN, SECTIONS AND DETAILS
E800	-	LIFT & STAIR ELEVATIONS AND DETAILS
E900	-	PERSPECTIVES

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NOTE: B1 DRAWING SHEET

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INDESCO DRAWING LIST

SHEET NUMBER	SHEET NAME	CURRENT REVISION	CURRENT REVISION DATE
E000	TITLE PAGE	2	04.03.2021
E001	DRAWING SCHEDULE	C	02.12.2021
E002	GENERAL NOTES	D	25.10.2021
E005	COLUMN SCHEDULE - SHEET 1	E	30.09.2021
E006	COLUMN SCHEDULE - SHEET 2	E	30.09.2021
E007	COLUMN SCHEDULE - SHEET 3	G	16.11.2021
E008	COLUMN SCHEDULE - SHEET 4	8	16.11.2021
E018	TYPICAL COLUMN DETAILS	G	25.10.2021
E019	TYPICAL COLUMN TRANSITIONS	D	20.10.2021
E030	TYPICAL FOOTING DETAILS - SHEET 1	I	16.11.2021
E031	TYPICAL SLAB ON GROUND DETAILS	G	28.10.2021
E032	TYPICAL BORED PIER DETAILS - SHEET 1	B	06.05.2021
E033	TYPICAL BORED PIER DETAILS - SHEET 2	H	28.10.2021
E034	TYPICAL BLOCKWORK DETAILS - SHEET 1	A	10.05.2021
E035	TYPICAL BLOCKWORK DETAILS - SHEET 2	A	10.05.2021
E036	MINIMUM FORMWORK REQUIREMENTS - GROUND FLOOR TRANSFER	A	10.05.2021
E040	BACKPROPPING DETAILS & PLANS - SHEET 1	A	10.09.2021
E041	BACKPROPPING DETAILS & PLANS - SHEET 2	A	10.09.2021
E042	BACKPROPPING DETAILS & PLANS - SHEET 3	A	10.09.2021
E050	BASEMENT P1 LOADING PLAN	B	26.10.2021
E051	GROUND FLOOR LOADING PLAN	C	02.12.2021
E052	LEVEL 1 LOADING PLAN	A	26.10.2021
E053	LEVEL 2 LOADING PLAN	A	26.10.2021
E054	LEVELS 4, 6, 8 AND 10 LOADING PLAN	A	26.10.2021
E055	LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN	A	26.10.2021
E056	LEVEL 12 LOADING PLAN	5	26.10.2021
E057	LEVEL 13 LOADING PLAN	5	26.10.2021
E058	LEVEL 14 LOADING PLAN	5	26.10.2021
E059	LEVEL 15 LOADING PLAN	5	26.10.2021
E060	LEVEL 16 LOADING PLAN	5	26.10.2021
E080	RAMP MARKING PLANS	E	28.10.2021
E081	RAMP REINFORCEMENT & DETAILS	E	16.11.2021
E100	BULK EXCAVATION MARKING PLAN	E	28.10.2021
E101	PIER RETENTION AND CAPPING BEAM MARKING PLAN	F	28.10.2021
E102	PIER RETENTION ELEVATIONS - SHEET 1	H	17.11.2021
E103	DETAILED EXCAVATION MARKING PLAN	F	28.10.2021
E200	FOOTING MARKING PLAN	N	04.11.2021
E201	BASEMENT 2 MARKING PLAN	N	17.11.2021
E202	BASEMENT 1 MARKING PLAN	K	16.11.2021
E203	GROUND FLOOR MARKING PLAN	O	02.12.2021
E204	LEVEL 1 MARKING PLAN	J	02.12.2021
E205	LEVEL 2 MARKING PLAN	D	02.12.2021
E206	LEVEL 3 MARKING PLAN	D	02.12.2021
E207	LEVEL 4 MARKING PLAN	D	02.12.2021
E208	LEVEL 5 MARKING PLAN	A	02.12.2021
E209	LEVEL 6 MARKING PLAN	A	02.12.2021
E210	LEVEL 7 MARKING PLAN	A	02.12.2021
E211	LEVEL 8 MARKING PLAN	A	02.12.2021
E212	LEVEL 9 MARKING PLAN	A	02.12.2021
E213	LEVEL 10 MARKING PLAN	A	02.12.2021
E214	LEVEL 11 MARKING PLAN	9	17.11.2021
E215	LEVEL 12 MARKING PLAN	9	17.11.2021
E216	LEVEL 13 MARKING PLAN	9	17.11.2021
E217	LEVEL 14 MARKING PLAN	9	17.11.2021
E218	LEVEL 15 MARKING PLAN	11	01.12.2021
E219	LEVEL 16 MARKING PLAN	10	01.12.2021
E220	ROOF MARKING PLAN	9	01.12.2021
E400	LIFT/STAIR AND CRANE FOUNDATION REINFORCEMENT PLANS	C	17.08.2021
E500	TYPICAL PRECAST WALL DETAILS	A	25.10.2021
E501	TYPICAL PRECAST SHEAR WALL DETAILS	B	11.10.2021
E502	TYPICAL PRECAST PANEL LAYOUTS	A	25.10.2021
E503	TYPICAL FORMED WALL DETAILS	D	15.11.2021
E504	TYPICAL AFS WALL DETAILS	A	10.05.2021
E520	BASEMENT SLAB DETAILS - SHEET 1	F	30.09.2021
E521	BASEMENT SLAB DETAILS - SHEET 2	I	17.11.2021
E530	GROUND SLAB DETAILS - SHEET 1	D	15.10.2021
E531	GROUND SLAB DETAILS - SHEET 2	F	20.10.2021
E532	GROUND SLAB DETAILS - SHEET 3	G	28.10.2021
E533	GROUND SLAB DETAILS - SHEET 4	I	02.12.2021
E540	LEVEL 1 & 2 SLAB DETAILS - SHEET 1	C	05.11.2021
E541	LEVEL 1 & 2 SLAB DETAILS - SHEET 2	C	05.11.2021
E542	LEVEL 1 & 2 SLAB DETAILS - SHEET 3	B	29.09.2021
E550	TYPICAL SUSPENDED SLAB DETAILS - SHEET 1	A	25.10.2021
E551	TYPICAL SUSPENDED SLAB DETAILS - SHEET 2	1	01.12.2021
E600	PRECAST KEYPLAN - SHEET 1	A	25.10.2021
E601	PRECAST ELEVATIONS - SHEET 1	D	16.11.2021
E602	PRECAST ELEVATIONS - SHEET 2	E	16.11.2021
E603	PRECAST ELEVATIONS - SHEET 3	D	16.11.2021
E604	PRECAST ELEVATIONS - SHEET 4	6	16.11.2021
E620	BASEMENT WALL ELEVATIONS	D	16.11.2021
E630	SUBSTATION MARKING PLAN AND ELEVATIONS	E	16.11.2021
E650	TRANSFER WALL KEYPLAN AND ELEVATIONS	C	16.11.2021
E700	POOL MARKING PLAN AND SECTIONS	4	13.04.2021
E701	POOL DETAILS	4	13.04.2021
E800	LIFT AND STAIR WALL ELEVATIONS - SHEET 1	F	12.10.2021
E801	LIFT AND STAIR WALL ELEVATIONS - SHEET 2	G	15.11.2021
E802	LIFT AND STAIR WALL TIE PLANS - SHEET 1	C	11.10.2021
E803	LIFT AND STAIR WALL TIE PLANS - SHEET 2	C	11.10.2021
E804	LIFT AND STAIR WALL TIE PLANS - SHEET 3	B	11.10.2021
E805	LIFT AND STAIR WALL TIE PLANS - SHEET 4	B	11.10.2021
E810	TYPICAL STAIR DETAILS	E	15.11.2021
E820	LIFT/STAIR CORE PULL OUT BAR PLAN - SHEET 1	B	16.11.2021
E821	LIFT/STAIR CORE PULL OUT BAR PLAN - SHEET 2	1	16.06.2021
E900	PERSPECTIVES	4	13.04.2021

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	02.12.2021	GC
B	REVISED AS CLOUDED	DS	21.10.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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DRAWN BY	GC
CAD FILE	
SCALE	

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
DRAWING SCHEDULE

NORTH POINT

PROJECT No.
7774

DRAWING No.
E001

AMDT
C

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

GENERAL

1. THESE DRAWINGS ARE FOR STRUCTURAL PURPOSES ONLY AND ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION, ARCHITECTURAL DRAWINGS, OTHER CONSULTANTS DOCUMENTATION, CONTRACT DOCUMENTATION AND THE REQUIREMENTS OF THE RELEVANT AUTHORITIES.

2. SET OUT DIMENSION TO BE TAKEN FROM ARCHITECTURAL DRAWINGS. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED OFF. FIGURED DIMENSIONS ONLY ARE TO BE USED FOR SET OUTS.

3. SHOULD ANY AMBIGUITY, ERROR, OMISSION, DISCREPANCY, INCONSISTENCY OR OTHER FAULT EXIST OR SEEM TO EXIST IN THE CONTRACT DOCUMENTS, IMMEDIATELY NOTIFY IN WRITING TO THE PRINCIPAL'S AUTHORISED PERSON.

4. DURING CONSTRUCTION STRUCTURES SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERLOADED. TEMPORARY SUPPORTS SHALL BE PROVIDED BY THE BUILDER IN ORDER TO KEEP THE WORKS AND ANY EXCAVATIONS STABLE AT ALL TIMES.

5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CURRENT SAA CODES AND THE BYLAWS, ORDINANCES OR OTHER REQUIREMENTS OF THE RELEVANT BUILDING AUTHORITIES.

6. CONSTRUCTION USING THE STRUCTURAL DRAWINGS SHALL NOT COMMENCE UNTIL A CONSTRUCTION CERTIFICATE IS ISSUED BY THE PRINCIPAL CERTIFYING AUTHORITY.

7. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH ALL WORK COVER REQUIREMENTS AND OCCUPATIONAL HEALTH AND SAFETY ACT REGULATIONS.

8. THE STRUCTURAL COMPONENTS DETAILED ON THE STRUCTURAL DRAWINGS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADS
   1) LIVE LOADS IN ACCORDANCE WITH AS 1170 PART 1
   2) WIND LOADS IN ACCORDANCE WITH AS 1170 PART 2
   3) EARTHQUAKE LOADS IN ACCORDANCE WITH AS 1170 PART 4

9. THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS NOTICE OF ANY INSPECTIONS OF STRUCTURAL WORK.

FOOTINGS

1. FOOTINGS HAVE BEEN DESIGNED BASED OFF GEOTECHNICAL REPORT BY DOUGLAS PARTNERS REPORT 94.370.00.R.001.REV0, DATED DECEMBER 2019 AND SUPPLEMENTARY REPORT BY ACT GEOTECHNICAL ENGINEERS, REPORT REF JH/C11869, DATED 8 OCTOBER 2021.

2. BORED PILES HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING CAPACITY OF 5000kPa WITH SHAFT ADHESION OF 500kPa.

3. PAD FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING PRESSURE OF 5000kPa.

4. STRIP FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING PRESSURE OF 5000kPa.

5. FOUNDATION MATERIAL IS TO BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE CASTING OF FOUNDATIONS.

6. LOCATE ALL PIPES, RETAINING WALLS AND EXCAVATION OUTSIDE A 1:1 (VERTICAL : HORIZONTAL) ZONE OF INFLUENCE FROM THE BOTTOM EDGE OF THE FOOTING.

7. FOOTINGS SHALL BE LOCATED CENTRALLY UNDER WALLS AND COLUMNS UNLESS NOTED OTHERWISE.

8. FOOTINGS TO BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION TO AVOID SOFTENING OR DRYING OUT BY EXPOSURE.

9. CONTRACTOR TO ALLOW FOR COST OF GEOTECHNICAL INSPECTIONS AND ANY REQUIRED CERTIFICATIONS.

RETAINING WALLS

1. DRAINAGE SHALL BE PROVIDED AS SHOWN ON THE DRAINAGE DRAWINGS.

2. BACKFILLING SHALL BE CARRIED OUT AFTER GROUT OR CONCRETE HAS REACHED MINIMUM STRENGTH OF 0.85 F'C. BACKFILLING SHALL BE APPROVED GRANULAR MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 200MM, TO 95% STANDARD COMPACTION UNLESS NOTED OTHERWISE.

3. PROVIDE WATERPROOFING TO BACK OF WALLS AS SPECIFIED OR NOTED.

4. WHERE RETAINING WALLS RELY ON CONNECTING STRUCTURAL ELEMENTS FOR STABILITY, DO NOT BACKFILL AGAINST THE WALL UNLESS IT IS ADEQUATELY PROPPED OR THE ELEMENTS HAVE BEEN CONSTRUCTED AND HAVE SUFFICIENT STRENGTH TO WITHSTAND THE LOADS.

5. FOR ALL TEMPORARY BATTERS OBTAIN GEOTECHNICAL ENGINEERS RECOMMENDATIONS.

FORMWORK

1. THE DESIGN CERTIFICATION, CONSTRUCTION, INSPECTIONS AND PERFORMANCE OF THE FORMWORK, FALSE WORK AND TEMPORARY SHORING IS THE RESPONSIBILITY OF THE BUILDER.

2. FORMWORK SHOULD NOT BE DESIGNED TO REQUIRE TEMPORARY BRACING FROM STRUCTURAL ELEMENTS WITHOUT APPROVAL FROM THE ENGINEER.

3. FORMWORK TOLERANCES AND STRIPPING TIMES SHALL COMPLY WITH AS 3610 AND AS 3600 UNLESS APPROVED BY THE ENGINEER.

4. SHOP DRAWINGS AND CALCULATIONS MUST BE PREPARED AND SUBMITTED FOR APPROVAL BY THE FORMWORK CONTRACTORS ENGINEER.

5. CONSTRUCTION SUPPORT PROPPING SHALL BE LEFT IN PLACE WHERE NEEDED TO AVOID OVERSTRESSING OF THE STRUCTURE DUE TO CONSTRUCTION LOADINGS.

6. NO BRICKWORK OR PARTITION WALLS ARE TO BE CONSTRUCTED ON SUSPENDED SLABS UNTIL PROPPING HAS BEEN REMOVED AND THE SHORT TERM DEFLECTION OF THE STRUCTURE HAS TAKEN PLACE. FOR TRANSFER BEAMS/SLABS NO BRICKWORK OR PARTITION WALLS ARE TO BE CONSTRUCTED IF HOGGING HAS TAKEN PLACE. WAIT UNTIL FULL LOAD HAS BEEN APPLIED TO THE TRANSFER BEAM/SLAB.

7. CONCRETE FORMED SURFACES ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS BUT MUST MEET MINIMUM OF THE FOLLOWING IN ACCORDANCE WITH AS3610,

CONCRETE ELEMENTS/SURFACE	SURFACE FINISH CLASS
NORMAL ARCHITECTURAL AND CIVIL WORK AND SURFACED NOT SPECIFIED	2
SURFACES TO BE RENDERED OR HIDDEN BY OTHER FINISHES	3
SURFACES TO BE PERMANENTLY CONCEALED	4

8. BEFORE PLACING OF REINFORCEMENT APPLY A RELEASE AGENT COMPATIBLE WITH SURFACE FINISH TO FACE OF FORMWORK.

9. CHAMFER AT RE-ENTRANT ANGLES AND FILLET AT CORNERS FACE OF BEVEL 25MM UNO.

10. TEST PANELS IF REQUIRED ARE THE RESPONSIBILITY OF THE ARCHITECT.

11. BEFORE CONCRETE PLACEMENT REMOVE ALL FOREIGN OBJECTS SUCH AS DUST, DEBRIS, WATER ETC.

MASONRY

1. ALL MASONRY WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3700.

2. ALL MASONRY BLOCKWORK WALLS SHALL BE CONSTRUCTED IN GRADE 16 BLOCKS (15MPa) IN ACCORDANCE WITH AS/NZS 4455. ALL BRICKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa IN ACCORDANCE WITH AS/NZS 4455.

3. THE MAXIMUM UNRESTRAINED FIVE YEAR EXPANSION OF BRICKS SHALL BE IN ACCORDANCE WITH NATA TEST B01.

4. ALL MASONRY THAT IS SUPPORTING OR THAT IS SUPPORTED BY CONCRETE FLOORS, SHALL HAVE VERTICAL JOINTS TO MATCH ANY CONTROL JOINTS IN THE CONCRETE.

5. NON-LOADBEARING WALLS SHALL BE SEPARATED FROM CONCRETE ABOVE BY PROVIDING A 12mm THICK CLOSE CELL POLYETHELENE STRIP.

6. NO CHASES OR RECESSES ARE PERMITTED IN LOAD BEARING MASONRY WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

7. MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OR THE SUPERINTENDENT.

8. MORTAR SHALL BE FULL BED AND THE NOMINAL PROPORTIONS BY VOLUME SHALL BE AS PER THE BELOW TABLE UNO:

EXPOSURE CLASSIFICATION	PORTLAND CEMENT (GP)	BLENDED CEMENT (GB)	BUILDING LIME	SAND
M3	1	-	1	5
M3	-	1	1	4
M4	1	-	0.5	4.5
M4	-	1	0.25	2.25

M3 – DENOTES AREAS WITH MODERATE EXPOSURE GREATER THAN 1km FROM SURF COASTAL AREAS.
M4 – DENOTES AREAS WITH EXTREME EXPOSURE WITHIN 1km FROM SURF COASTAL AREAS OR INDUSTRIAL AREAS WHERE CHEMICAL POLLUTANTS ARE PRODUCED.

REFER TO AS 3700 FOR FURTHER DETAILS.

9. GROUT USED TO FILL CAVITIES IN MASONRY SHALL HAVE:
   - A MINIMUM 32MPa 28 DAY COMPRESSIVE STRENGTH;
   - A SLUMP OF 225mm (+- 25mm);
   - MAXIMUM AGGREGATE SIZE OF 10mm ROUNDED GRAVEL;
   - NOMINAL PROPORTIONS SHALL BE 1 : 0.3 : 3 : 2 OF CEMENT, LIME, SAND, AGGREGATE AND WITH A MINIMUM CEMENT CONTENT OF 300kg/CM. PROVIDE CLEAN OUT HOLES AT BASE OF PILASTERS AND EVERY CORE OF REINFORCED WALLS.

10. HORIZONTAL JOINT REINFORCEMENT SHALL BE PROVIDED AT MAX 600 VERTICAL SPACING FOR ALL CONCRETE BLOCKWORK, CONCRETE BRICKWORK, AND CALCIUM SILICATE BRICKWORK.

11. FULLY BED FACE SHELLS AND CROSS WEBS IN HOLLOW BLOCK WALLS.

12. HOLLOW BLOCKWORK OPENINGS GREATER THAN 600mm VERTICALLY OR HORIZONTALLY SHALL BE TRIMMED AT THE SIDES AND BOTTOM BY FILLING ONE CORE AND REINFORCING WITH N12 EXTENDING 600mm PAST OPENING. THE TOP OF THE OPENING SHALL HAVE A REINFORCED LINTEL BEAM, ARCH BAR OR STEEL ANGLE SUPPORT AS REQUIRED.

13. ALL TIES AND REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 50mm TO EXTERNAL FACE OF MASONRY UNO.

14. ALL WALLS SHALL BE TIED OR BONDED AT INTERSECTIONS.

15. NO CAVITY OR CORE SHALL BE FILLED TO A HEIGHT GREATER THAN 1200mm WITHOUT SUITABLE SHORING.

16. ALL MASONRY WALLS AND PIERS SUPPORTING SLABS AND BEAMS SHALL HASVE A PRE-GREASED GALVANISED STEEL SLIP JOINT BETWEEN THE CONCRETE SOFFIT AND THE TOP OF THE MASONRY ELEMENT UNO.

17. VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT 10m MAX CENTRES, AND 5m MAX FROM CORNERS IN ALL MASONRY WALLS UNO (REFER TO NOTE 4 ABOVE FOR ADDITIONAL DETAILS).

18. BACKFILL TO RETAINING WALLS SHALL BE FREE DRAINING GRANULAR MATERIAL UNO, AND SUBSOIL DRAIN SHALL BE PROVIDED TO WEEP HOLES.

19. MASONRY WALLS ARE NOT TO BE CONSTRUCTED ON SUSPENDED CONCRETE SLABS UNTIL SLAB HAS BEEN STRIPPED AND DE-PROPPED.

20. ALL MASONRY CONSTRUCTION TO HAVE 316 GRADE STAINLESS STEEL WALL TIES INSTALLED AS PER CLAUSE 3.4 OF AS 3700.

CONCRETE

EXPOSURE CLASSIFICATION
EXTERNAL: A2
INTERNAL: A1

CONCRETE

1. PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH F'C AS DEFINED IN AS 1379

2. USE TYPE 'GP' CEMENT, UNLESS OTHERWISE SPECIFIED.

3. ALL CONCRETE SHALL BE SUBJECT TO PROJECT ASSESSMENT AND TESTING TO AS 1379.

4. IT IS THE RESPONSIBILITY OF THE CONCRETE SUPPLIER TO ENSURE CONCRETE STRENGTHS ACHIEVE A MINIMUM COMPRESSIVE STRENGTH F'C AS DEFINED ABOVE.

5. ALL FALLS IN SLABS, DRIP GROVES, REGLETS, CHAMFERS ETC, REFER TO ARCHITECT DRAWINGS AND SPECIFICATIONS.

6. CONSTRUCTION JOINTS ARE ONLY PERMITTED WHERE SHOWN ON DRAWINGS WITHOUT PRIOR APPROVAL FROM ENGINEER.

7. NO HOLES OR CHASES SHALL BE MADE IN THE SLAB WITHOUT THE APPROVAL OF THE ENGINEER.

8. CONDUITS AND PIPES ARE TO BE FIXED TO THE UNDERSIDE OF THE TOP REINFORCEMENT LAYER AND AT NO TIMES BE FIXED TO POST TENSION DUCTS OR RUN PARALLEL OVER OR UNDER POST TENSION DUCTS.

9. ALL SLABS CAST ON GROUND REQUIRE SAND BLINDING WITH A CONCRETE UNDERLAY.

10. REINFORCEMENT COVER MUST BE AS PER TABLE BELOW.

11. REINFORCEMENT SHALL GENERALLY COMPLY WITH AS3600 CLAUSE 19.2 REINFORCEMENT IS SHOWN DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION ON STRUCTURAL DRAWINGS. ALL REINFORCING BARS SHALL BE GRADE D500N TO AS4671. ALL WELDED MESH SHALL BE GRADE 500L TO AS4671 AND SHALL BE SUPPLIED IN FLAT SHEETS. REINFORCEMENT SYMBOLS:

N	GRADE 500N	DEFORMED BAR	TO AS4671
R	GRADE 250R	ROUND BAR	TO AS4671
RL	RECT. MESH	GRADE 500L	TO AS4671
SL	SQUARE MESH	GRADE 500L	TO AS4671
TM	TRENCH MESH	GRADE 500L	TO AS4671

LOADINGS

1. REFER TO DRAWING E050 SERIES DRAWINGS FOR SLAB LOADS

EARTHQUAKE LOADINGS

ANNUAL PROBABILITY OF EXCEEDANCE			
DESIGN WORKING LIFE	IMPORTANCE LEVEL	ULS	SLS
50 YEARS	2	1/500	1/25

SELECTION OF EARTHQUAKE DESIGN CATEGORIES			
IMPORTANCE LEVEL	(Hp2) FOR SITE SUB-SOIL CLASS Be	STRUCTURE HEIGHT hn (m)	EARTHQUAKE DESIGN CATEGORY
2	≤0.008	≤50	III

SHORT-TERM, LONG TERM AND COMBINATION FACTORS				
CHARACTER OF IMPOSED ACTION	SHORT-TERM FACTOR (Ψs)	LONG-TERM FACTOR (Ψl)	COMBINATION FACTOR (Ψc)	EARTHQUAKE COMBINATION FACTOR (ΨE)
RESIDENTIAL & DOMESTIC	0.7	0.4	0.4	0.3
PARKING	0.7	0.4	0.4	0.3

ANNUAL PROBABILITY OF EXCEEDANCE (P) AND PROBABILITY FACTOR (kp)	
ANNUAL PROBABILITY OF EXCEEDANCE (P)	PROBABILITY FACTOR kp
1/500	1.0

HAZARD FACTOR (Z) FOR SPECIFIC AUSTRALIAN LOCATIONS	
LOCATION	Z
CANBERRA	0.08

MAXIMUM DEPTH LIMITS FOR SITE SUB-SOIL CLASS C	
CLASS DEFINITION	
CLASS Be	ROCK

EARTHQUAKE DESIGN CATERGORY
DESIGN CATERGORY
III

STRUCTURAL DUCTILITY FACTOR (-) AND STRUCTURAL PERFORMANCE FACTOR (Sp) - BASIC STRUCTURES				
CONCRETE STRUCTURES	μ	Sp	Spμ	μSp
LIMITED DUCTILE SHEAR WALLS	2	0.77	0.22	2.6

WIND LOADINGS

DESIGNED IN ACCORDANCE WITH AS 1170.2 : 2011

ANNUAL PROBABILITY OF EXCEEDANCE				
DESIGN WORKING LIFE	IMPORTANCE LEVEL	ULS	SLS	REGION
50 YEARS	2	1/500	1/25	A3

- TERRAIN CATEGORY 3
- ULTIMATE LIMIT STATE WIND SPEED 46 m/s
- BASIC SERVICEABILITY WIND SPEED 37 m/s

STRUCTURAL STEELWORK

1. DESIGN CONFORMS TO AS4100. FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROVISIONS OF AS 4100.

2. UNLESS NOTED OTHERWISE, ALL STEEL SHALL CONFORM TO THE FOLLOWING AUSTRALIAN STANDARDS, IN RESPECT OF GRADE AND CONDITIONS OF SUPPLY.

ROLLED SECTIONS AS3679.1	GRADE 300
WELDED SECTIONS AS3679.2	GRADE 300
FLAT BARS AS3679.1	GRADE 300
PLATE/FLOOR PLATE AS3678	GRADE 250
HOLLOW SECTIONS AS 1163	GRADE C350
PURLINS/GIRTS	G450 Z350

TEST CERTIFICATES CONFIRMING CONFORMANCE ISSUED BY SUPPLIER SHALL BE AVAILABLE FOR INSPECTION.

3. THE CONTRACTOR SHALL PREPARE WORKSHOP (SHOP DETAIL) DRAWINGS AND SHALL SUBMIT 2 COPIES OF EACH DRAWING FOR EXAMINATION OF CONNECTION DETAILS. FABRICATION SHALL NOT COMMENCE UNTIL THE WORKSHOP DRAWINGS HAVE BEEN APPROVED. APPROVAL WILL BE PROVIDED FOR MEMBER SIZES AND CONNECTION STRENGTHS BUT WILL NOT EXTEND TO DIMENSIONS. ALL DIMENSIONS AND SETOUTS SHALL BE OBTAINED FROM ARCHITECTURAL DRAWINGS, SHOULD VARIATIONS BE NECESSARY TO THE STRUCTURAL DETAILS PROVIDED. THESE SHALL BE REFERRED TO THE ENGINEER FOR APPROVAL BEFORE BEING INCLUDED ON SHOP DETAIL DRAWINGS. SHOP DETAIL DRAWINGS SHALL CLEARLY INDICATE:

4. DIMENSIONS OF ITEMS, IDENTIFICATION, STEEL GRADE LOCATION, TYPE AND SIZE OF WELDS AND BOLTS PROCEDURES NECESSARY FOR SHOP AND SITE ASSEMBLY ORIENTATION OF MEMBERS. CAMBER LOCATION OF TEMPORARY CONNECTIONS AND BRACING SURFACE PREPARATION METHOD AND COATING SYSTEM WELDING AND BOLTING CATEGORIES. SHOP DETAILS SHALL PROVIDE FOR FIXING OR SUPPORT OF ANY BUILDING ELEMENTS SHOWN ON ARCHITECTURAL DRAWINGS. MIN. 48 HRS REQUIRED FOR APPROVAL OF SHOP DRAWINGS.

5. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554.1 ELECTRODES SHALL BE TO AS1553, AS1858, AS2203 OR AS2717 AS APPROPRIATE. WELDS FOR STRUCTURAL CONNECTIONS SHALL BE WELD CATEGORY SP UNLESS NOTED OTHERWISE.

6. BOLTING CATEGORIES ARE IDENTIFIED ON THE DRAWINGS IN THE FOLLOWING MANNER.

BOLT	BOLTING CATEGORY	BOLT TO GRADE AUST. STANDARD	METHOD OF STANDARD INSTALLATION TO AS4100
4.6	4.6/S	1111	SNUG TIGHTENED
8.8	8.8/S	1252	SNUG TIGHTENED

7. UNLESS NOTED OTHERWISE, HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER. WHERE SLOTTED OR OVERSIZE HOLES ARE PERMITTED ON THE STRUCTURAL DRAWINGS, THEY SHALL COMPLY WITH AS4100. HAND FLAME CUTTING OF BOLT HOLES IS NOT PERMITTED.

8. UNLESS NOTED OTHERWISE, ALL BOLTS AND WASHERS SHALL BE GALVANISED.

9. FABRICATION TOLERANCES SHALL COMPLY WITH AS4100, SECTION 14 UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

10. ALL BEAMS AND RAFTERS SHALL BE FABRICATED AND ERECTED WITH NATURAL CAMBER UP. PROVIDE STRUCTURAL MEMBERS IN SINGLE LENGTHS UNLESS SPLICES ARE SHOWN ON THE STRUCTURAL DRAWINGS.

11. NON-DESTRUCTIVE WELD EXAMINATION SHALL BE AS FOLLOWS.

TYPE OF WELD & CATEGORY	EXAMINATION METHOD	EXTENT OF (N OF TOTAL WELD TYPE) LENGTH
FILLET WELDS	VISUAL INSPECTION	100
BUTT WELDS, GP	VISUAL INSPECTION	100
BUTT WELDS, SP	VISUAL INSPECTION	100
BUTT WELDS, SP	RADIOGRAPHIC OR ULTRASONIC INSPECTION	100

12. SURFACE TREATMENT AND PAINTING OF STEELWORK TO BE IN ACCORDANCE WITH AS2312 AND AS FOLLOWS:

12.1 ALL STEELWORK NOT ENCASED IN CONCRETE OR 'GALVANISED' SHALL HAVE THE SURFACES CLEANED BY ABRASIVE BLAST CLEANING TO CLASS 2-1/2 STANDARD IN ACCORDANCE WITH AS 1627.4

12.2 ALL AREAS INACCESSIBLE AFTER FABRICATION SHALL BE CLEANED AND PAINTED PRIOR TO FABRICATION.

12.3 UNLESS OTHERWISE NOTED ALL STEEL SURFACES SHALL BE COATED WITH -
   1) LUXAPRIME ZINC PHOSPHATE, OR APPROVED EQUIVALENT, TO A DRY FILM THICKNESS OF 75 MICRONS AND
   2) TOP COATS TO BE IN ACCORDANCE WITH THE ARCHITECTS SPECIFICATION.

ALL PAINT TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. MEMBERS BUILT INTO WALLS NOT MARKED GALVANISED TO BE COATED WITH JOTAPRIME TO 75UM NO TOP COAT OR EQUAL.

12.4 WHERE NOTED GALVANISED, STEELWORK SHALL BE CHEMICALLY DESCALED AND CLEANED IN ACCORDANCE WITH AS 1627.5 TO REMOVE ALL RUST, MILL SCALE, OIL, GREASE AND FOREIGN MATTER OF ALL DESCRIPTION LEAVING A UNIFORM SURFACE OF CLEAN METAL OR A TIGHTLY ADHERING COATING OF ZINC OR IRON PHOSPHATE. STEELWORK SHALL THEN BE GALVANISED IN ACCORDANCE WITH AS1650 BY IMMERSING IN A BATH OF MOLTEN ZINC TO PRODUCE A ZINC COATING WHICH SOLIDIFIES TO A DRY FILM MASS OF 600 G/M.

12.5 ALL TRANSPORT AND ERECTION ABRASIONS, SITE WELDS, ETC. ARE TO BE REINSTATED BY THOROUGHLY WIRE BRUSHING ALL AFFECTED AREAS TO ACHIEVE A CLEAN SOUND SUBSTRATE AND PATCH COATED AS FOR PRIMING EXCEPT THAT THE MINIMUM FILM THICKNESS SHALL BE 50% GREATER THAN THE ORIGINAL PRIMER.

12.6 ALL COMMERCIAL AND HIGH STRENGTH STRUCTURAL BOLTS USED SHALL BE GALVANISED BOLTS U.N.O.

12.7 ALL LOAD INDICATOR WASHERS SHALL BE SHERARDIZED. PROVIDE SEAL PLATES TO ALL HOLLOW SECTIONS, WITH BREATHER HOLES IF MEMBERS ARE TO BE HOT DIP GALVANISED.

13. ERECTION TOLERANCES SHALL COMPLY WITH AS4100 SECTION 15 UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

14. ALL STEELWORK SHALL BE TEMPORARILY BRACED IN A SECURE MANNER IN ORDER TO STABILISE THE STRUCTURE DURING ERECTION.

15. FOR EACH GROUP OF ANCHOR BOLTS PROVIDE A TEMPLATE WITH SETTING OUT LINES CLEARLY MARKED FOR POSITIOINING THE BOLTS WHEN CASTING IN.

16. GALVANISING SHALL BE TO AS4680 (MEMBERS) OR AS1214 (THREADED FASTENERS).

COATING MASS: AVERAGE - 600g/m²
(MEMBERS) MINIMUM - 550g/m²

17. REMOVE ALL TEMPORARY CLEATS ON COMPLETION AND RESTORE THE SURFACE IN AN APPROVED MANNER.

18. GROUT UNDER ALL BASE PLATES. BEFORE GROUTING SUPPORT BASE PLATES ON STEEL PACKERS OR WEDGES. GROUT UNDER BASE PLATES AND INTO CORED HOLES WITH CONBEXTRA GP NON-SHRINK GROUT OR EQUIVALENT, MINIMUM COMPRESSIVE STRENGTH 32MPa, MIN. THICKNESS 15mm MAX. THICKNESS 40mm.

PRECAST CONCRETE

1. ALL DIMENSIONS, SETOUTS AND PROFILES OF ALL PRECAST ELEMENTS SHALL BE TAKEN FROM THE RELEVANT ARCHITECTURAL DRAWINGS.

2. THE MINIMUM ELEMENT THICKNESS SHOWN IS THE REQUIRED STRUCTURAL THICKNESS, UNLESS NOTED OTHERWISE. ADDITIONAL CONCRETE MUST BE SUPPLIED FOR ANY ARCHITECTURAL REBATES AND SURFACE TREATMENTS TO MAINTAIN THESE MINIMUM STRUCTURAL THICKNESSES.

3. MINIMUM CONCRETE STRENGTH SHALL BE F'C + 40 MPA FOR ALL PRECAST, NORMAL WEIGHT, WITH A MINIMUM CEMENT CONTENT OF 330 KG/M³, UNLESS NOTED OTHERWISE. THE PRECAST CONTRACTOR SHALL SUBMIT THE PROPOSED MIX DESIGN TO INDESCO FOR REVIEW. REFER TO THE CONCRETE NOTES FOR FURTHER DETAILS.

4. CALCIUM CHLORIDE AND OTHER ADMIXTURES WILL NOT BE PERMITTED WITHOUT THE WRITTEN CONSENT OF INDESCO. IF CONSENT GIVEN, THE RESTRICTIONS OF AS3600 CLAUSE 4.9 MUST BE ADHERED TO.

5. ANY SURFACE TREATMENTS, SUCH AS ACID ETCHING, SHALL BE SUBMITTED TO INDESCO FOR WRITTEN APPROVAL ALONG WITH THE APPROPRIATE METHODS OF APPLICATION. THE MANUFACTURER SHALL OBTAIN THE SPECIFIED FINISH IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE ARCHITECT'S APPROVAL.

6. THE REINFORCEMENT COVER SHALL BE:
   EXTERNAL FACE 35MM.
   INTERNAL FACE 25MM.
   EDGES 50MM.

   THE VERTICAL BARS SHALL HAVE A MINIMUM COVER OF 40MM. THE TOLERANCE SHALL NOT EXCEED -0, +5 MM.

7. ALL REINFORCEMENT IN THE PRECAST ELEMENTS SHALL BE AS DETAILED ON INDESCO DRAWINGS. MESH SHALL BE ONE SHEET WHERE POSSIBLE. IF LAPPING IS REQUIRED IT SHALL BE IN ACCORDANCE WITH AS 3600 CLAUSE 13.2.4. THE SPLICES SHALL NOT OCCUR WITHIN 2000MM OF THE MID SPAN OF THE PRECAST ELEMENT. WHERE TWO LAYERS OF MESH ARE USED, THE SPLICES SHALL BE STAGGERED BY 1000 MM UNLESS OTHERWISE APPROVED BY THE ENGINEER.

8. ALL CAST-IN PLATES, CONNECTION MEMBERS, AND FIXINGS ARE TO BE HOT DIPPED GALVANISED TO AS 4680, OR STAINLESS STEEL, REFER TO DETAILS. PROJECTING REINFORCEMENT FROM PRECAST ELEMENTS FORMING JOINTS IN EXPOSED FINAL CONDITIONS, SHALL BE GALVANISED.

9. THE PRECAST CONTRACTOR SHALL SUPPLY AND FIT GALVANISED LIFTING AND ERECTION FERRULES AS REQUIRED TO SATISFY THE CALCULATED REQUIREMENTS. ALL FERRULES MUST NOT BE LOCATED ON ANY EXTERNAL EXPOSED FACES AND MUST BE PROTECTED TO AVOID CORROSION AND STAINING. ARCHITECTURAL FIXING FERRULES SHALL BE LOCATED TO SUIT THE ARCHITECTURAL DETAILS.

10. THE FORMWORK SHALL BE RIGID ENOUGH TO CONTROL THE EFFECTS OF VIBRATION AND THE FORMWORK SHALL BE CLEAN ENOUGH TO ACHIEVE THE SURFACE FINISH CLASS AND COLOUR CONTROL REQUIRED AS PER THE ARCHITECT'S SPECIFICATIONS.

11. PRECAST ELEMENTS ARE NOT PERMITTED TO HAVE CONSTRUCTION JOINTS. ALL CORBELS TO THE PRECAST ELEMENTS SHALL BE POURED MONOLITHICALLY WITH THE PANEL. ALL PRECAST SURFACES IN CONTACT WITH CAST-INSITU CONCRETE SHALL HAVE ROUGHENED SURFACES TO A DEPTH OF 5MM.

12. PRECAST ELEMENTS HAVE BEEN DESIGNED FOR IN-SERVICE CONDITION LOADINGS (I.E. THE LOADS THE PRECAST ARE EXPOSED TO AFTER INSTALLATION ON SITE). THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ANY ADDITIONAL REINFORCEMENT THAT IS REQUIRED TO SATISFY THE PROPOSED APPROACH OF HANDLING, TRANSPORTATION, AND INSTALLATION. ANY ADDITIONAL MATERIAL COSTS WILL BE TO THE ALLOWANCE OF THE PRECAST CONTRACTOR.

13. THE PRECAST CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE STRIPPING, LIFTING, STORAGE, TRANSPORTATION AND INSTALLATION OF ALL PRECAST ELEMENTS. THE SUBSEQUENT STRESSES DURING THESE STAGES MUST NOT CAUSE CRACKING. STACKING MUST BE LIMITED TO ENSURE THAT ANY WARPING DOES NOT EXCEED THE CODE LIMITS. THE CONTRACTOR MUST PROVIDE INDESCO WITH COMPUTATIONS AND DETAILS FOR REVIEW BY AN ENGINEER THAT IS EXPERIENCED IN PRECAST CONCRETE AND IS REGISTERED AS CHARTERED ENGINEER (NER, CPENG). SIZES AND LOCATIONS OF ALL INSERTS WITH TESTS PROVING THE INSERT'S CAPACITY SHALL BE INCLUDED.

14. FULLY DETAILED SHOP DRAWINGS OF ALL PRECAST ELEMENTS SHALL BE PROVIDED BY THE CONTRACTOR. SHOP DRAWINGS MUST SHOW ALL INSERTS AND FIXINGS. ANY ADDITIONAL FERRULE LOCATIONS FOR TEMPORARY BRACING OF THE PRECAST ELEMENTS DURING CONSTRUCTION, AND ANY OTHER FIXINGS, INSERTS AND OPENINGS REQUIRED BY OTHER TRADES SHALL BE COORDINATED BY THE CONTRACTOR AND BUILDER AND SHALL ALSO BE INCLUDED ON THE SHOP DRAWINGS.

15. THE CONTRACTOR SHALL DETERMINE THE CONCRETE STRENGTH AT THE TIME OF STRIPPING FROM THE MOULDS, BUT SHALL NOT BE LESS THAN F'C + 25MPA. THE CONTRACTOR SHALL SUBMIT THE PROPOSED CURING METHODS FOR APPROVAL. THE CURING MUST BE EQUIVALENT TO KEEPING WET FOR SEVEN DAYS.

16. SHEAR STUD CONNECTORS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF AS 2327. WELDING OF THE STUDS SHALL BE IN ACCORDANCE WITH AS1554. THE SHEAR STUDS ARE TO BE DRAWN FROM COLD DRAWN STOCK AS PER AS 1443 GRADES 1010 TO 1020 WITH A MINIMUM TENSILE STRENGTH AFTER MANUFACTURE OF 410 MPA.

17. PACKERS MUST BE NON FERROUS AND A MINIMUM 50MM COVER TO BE PROVIDED EXTERNALLY OR WHERE IN VIEW.

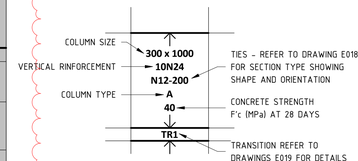
18. PRIOR TO GROUTING OF JOINTS, ALL GAPS BETWEEN PRECAST ELEMENTS MUST BE PROPERLY SEALED TO PREVENT GROUT FILLING THE REQUIRED GAPS BETWEEN THE PRECAST ELEMENTS AND THE STRUCTURE AND TO PREVENT SPOILING THE FACE OF THE PRECAST.

19. A WATERPROOF PRE-PACKED CEMENT-BASED PRODUCT SHALL BE USED FOR GROUTING OF DOWELS AND JOINTS. GROUT SHALL BE MIXED WITH WATER ON SITE AS PER THE RECOMMENDED CONSISTENCY. GROUT COMPRESSIVE STRENGTH MUST BE GREATER THAN 40MPA AT 7 DAYS AND 65MPA AT 28 DAYS, BUT MUST NOT BE LESS THAN THE COMPRESSIVE STRENGTH OF THE PANEL. GROUT MUST BE STORED, HANDLED AND PLACED PRECISELY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. FOR PRECAST ELEMENTS SUPPORTING MORE THAN SEVEN STORIES, A PROTOTYPE OF THE JOINT SHALL BE MADE USING THE PROPOSED CONSTRUCTION METHOD. THE PROTOTYPE JOINT SHALL BE POUR

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

HOLD:
BASEMENT TO LEVEL 10 ISSUE FOR CONSTRUCTION ONLY

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ROOF	FRL 90/-/-																									180 x 1600 SL82 Mesh EF Type F - 40
LEVEL 16	FRL 90/-/-																									
LEVEL 15	FRL 90/-/-																									
TRANSITION																										
LEVEL 14	FRL 90/-/-																									
LEVEL 13	FRL 90/-/-										220 x 1000 10N16 N10-200 A (b) 40										220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40			
LEVEL 12	FRL 90/-/-																									
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-										220 x 1600 16N16 N10-200 D (a) 40										220 x 1600 16N16 N10-200 D (a) 40		220 x 1600 16N16 N10-200 D (a) 40	250 x 1000 10N20 N10-200 A (b) 40		180 x 3000 SL82 Mesh EF Type F - 40
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-										220 x 1600 16N16 N10-200 D (a) 50										220 x 1600 16N16 N10-200 D (a) 50		220 x 1600 16N16 N10-200 D (a) 50	250 x 1000 10N20 N10-200 A (b) 50		180 x 3000 SL82 Mesh EF Type F - 40
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-																						220 x 1600 16N16 N12-130 D (a) 65			
LEVEL 2	FRL 90/-/-		REFER TO DRAWING E601 PE1 WALL ABOVE	REFER TO DRAWING E601 PE2 WALL ABOVE							220 x 1600 16N16 N12-130 D (a) 65										220 x 1600 16N16 N12-130 D (a) 65	REFER TO DRAWING E601 PE6 WALL ABOVE				180 x 3000 SL82 Mesh EF Type F - 50
TRANSITION			TR17	TR18																		TR3				TR29
LEVEL 1	FRL 90/-/-										250 x 1600 16N16 N12-150 D (a) 65										250 x 1600 16N16 N12-150 D (a) 65	250 x 2150 20N16 N12-150 D (c) 65	250 x 1600 16N16 N12-150 D (a) 65			250 x 3000 30N16 N12-150 D (d) 65
TRANSITION											TR8										TR8		TR10			TR13
GROUND FLOOR	FRL 120/-/-		485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65							485 MIN. x 1150 16N24 N12-200 E 65								COLUMN 57		485 MIN. x 1150 16N24 N12-200 E 65		400 x 1000 10N28 N12-240 B 65			500 x 1000 10N28 N12-240 B 65
TRANSITION			TR1	TR1					TR2										TR9				TR4			
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-	300 x 800 8N20 N12-300 A (a) 40	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	300 x 1800 10N28 N12-180 B 65	200 x 1000 10N20 N12-120 A (b) 65	400 x 1000 10N28 N12-240 B 65	300 x 800 8N20 N12-300 A (a) 40	400 x 1000 16N28 N12-240 C 65	350 x 800 10N20 N12-240 A (b) 65	600 x 1000 16N28 N12-300 C 65	300 x 800 8N20 N12-300 A (a) 40	500 x 1500 16N28 N12-300 C 65	500 x 1000 10N28 N12-300 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65		400 x 1000 10N28 N12-240 B 65	250 x 1000 10N20 N12-150 A (b) 65	400 x 1000 10N28 N12-240 B 65	500 x 1000 10N28 N12-300 B 65
LEVEL		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	27.01.2022	AL
F	REVISED AS CLOUDED	DS	22.12.2021	NH
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

INDESCO
www.indesco.com.au
CANBERRA
SYDNEY
WOLLONGONG
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 1

NORTH POINT

PROJECT No.
7774

DRAWING No.
E005

AMDT
G

		C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ROOF	FRL 90/-/-																									
LEVEL 16	FRL 90/-/-								220 x 550 8N16 N10-200 A (b) 40																	
LEVEL 15	FRL 90/-/-		220 x 550 8N16 N10-200 A (a) 40																							
TRANSITION									TR11																	
LEVEL 14	FRL 90/-/-											220 x 1000 10N16 N10-200 A (b) 40														
TRANSITION												TR22														
LEVEL 13	FRL 90/-/-	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40			220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 2000 20N20 N10-200 D (c) 40			220 x 1000 10N16 N10-200 A (b) 40											
LEVEL 12	FRL 90/-/-																									
TRANSITION									TR19			TR21														
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40		220 x 1600 16N16 N10-200 D (a) 40			220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 2000 20N16 N10-200 D (c) 40		220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40										
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50		220 x 1600 16N16 N10-200 D (a) 50			220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 2000 20N16 N10-200 D (c) 50		220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50										
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65		220 x 1600 16N16 N12-130 D (a) 65			220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 2000 20N16 N12-130 D (c) 65		220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65										
LEVEL 2	FRL 90/-/-			250 x 1600 16N16 N12-150 D (a) 65	REFER TO DRAWING E602 PE8 WALL ABOVE				250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65									REFER TO DRAWING E603 PE17 WALL ABOVE	REFER TO DRAWING E603 PE16 WALL ABOVE	REFER TO DRAWING E603 PE15 WALL ABOVE	REFER TO DRAWING E603 PE14 WALL ABOVE	REFER TO DRAWING E603 PE13 WALL ABOVE	REFER TO DRAWING E603 PE12 WALL ABOVE	REFER TO DRAWING E602 PE11 WALL ABOVE	REFER TO DRAWING E602 PE10 WALL ABOVE
TRANSITION									TR19	TR19									TR17	TR18	TR18	TR18	TR18	TR18	TR18	TR8
LEVEL 1	FRL 90/-/-	250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65		250 x 1700 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65					250 x 1600 16N16 N12-150 D (a) 65	250 x 2000 20N16 N12-150 D (c) 65		250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65										
TRANSITION		TR14	TR10	TR8	TR20	TR4					TR10	TR10		TR16	TR8											
GROUND FLOOR	FRL 120/-/-			485 MIN. x 1150 16N24 N12-200 E 65					485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	400 x 1000 10N32 N12-240 B 65	500 x 1000 10N32 N12-240 B 65			485 MIN. x 1150 16N24 N12-200 E (b) 65				485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65
TRANSITION				TR27					TR5	TR5	TR6	TR6	TR7		TR27				TR27	TR27	TR27	TR27	TR27	TR27	TR27	TR27
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65		400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	500 x 1000 10N28 N12-300 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1600 16N28 N12-300 C 65	400 x 1000 10N28 N12-240 B 65	300 x 1000 8N24 N12-300 A (a) 40	300 x 800 10N20 N12-300 A(b) 40	300 x 800 10N20 N12-300 A(b) 40	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65
LEVEL		C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50

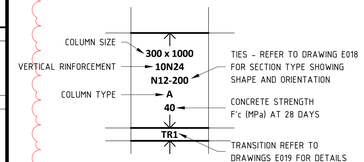
HOLD:
BASEMENT TO LEVEL 10 ISSUE FOR CONSTRUCTION ONLY

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

INDESCO
CANBERRA
SYDNEY
WOLLONGONG
www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 2

NORTH POINT

PROJECT No. 7774

DRAWING No. E006

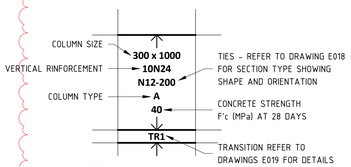
AMDT E

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

	FRL	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75
ROOF	FRL 90/-/-																									
LEVEL 16	FRL 90/-/-					220 x 1000 10N16 N10-200 A (b) 40																				
LEVEL 15	FRL 90/-/-													220 x 550 8N16 N10-200 A (b) 40												
TRANSITION															TR25											
LEVEL 14	FRL 90/-/-							COLUMN 77		COLUMN 78		220x 1000 10N16 N10-200 A (b) 40	REFER TO ELEVATION PE2A ON DRAWING E601 FOR DETAIL OF TRANSITION TO PRECAST WALL		220x 1000 10N16 N10-200 A (b) 40				450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	300 x 500 6N20 R10-300 G 40	300 x 500 6N20 R10-300 G 40	300 x 500 6N20 R10-300 G 40
LEVEL 13	FRL 90/-/-							TRANSFER WALL		TRANSFER WALL																
LEVEL 12	FRL 90/-/-					220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	250 x 700 8N24 N10-250 G 40	250 x 700 8N24 N10-250 G 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1000 10N16 N10-200 A (b) 40							
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 2000 20N16 N10-200 D (c) 40	220 x 2000 20N16 N10-200 D (c) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40																
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 2000 20N16 N10-200 D (c) 50	220 x 2000 20N16 N10-200 D (c) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50																
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 2000 20N16 N12-130 D (c) 65	220 x 2000 20N16 N12-130 D (c) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65														
LEVEL 2	FRL 90/-/-	REFER TO DRAWING E601 PE3 WALL ABOVE	REFER TO DRAWING E601 PE5 WALL ABOVE		REFER TO DRAWING E602 PE7 WALL ABOVE				250 x 1600 16N16 N12-150 D (a) 65	REFER TO DRAWING E601 PE4 WALL ABOVE					250 x 1600 16N16 N12-150 D (a) 65										
TRANSITION		TR18	TR18		TR18				TR19	TR18																
LEVEL 1	FRL 90/-/-					250 x 1600 16N16 N12-150 D (a) 65				485 MIN. x 1150 16N24 N12-200 E 65	250 x 1600 16N16 N12-150 D (a) 65	250 x 2000 20N16 N12-150 D (c) 65	250 x 2000 20N16 N12-150 D (c) 65	250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65									
TRANSITION						TR11	TR11	TR11		TR25	TR12				TR15											
GROUND FLOOR	FRL 120/-/-	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	400 x 1000 10N28 N12-240 B 65	485 MIN. x 1150 16N24 N12-200 E 65	250 x 2200 22N16 N12-150 D (d) 65	250 x1600 16N16 N12-150 D (a) 65	250 x1600 16N16 N12-150 D (a) 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N16 N12-300 E(a) 40																
TRANSITION		TR26	TR26		TR2			TR9	TR26	TR28																
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-							COLUMN 19																		
LEVEL		C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

HOLD:
BASEMENT TO GROUND FLOOR
ISSUE FOR CONSTRUCTION ONLY

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
H	REVISED AS CLOUDED	DS	25.02.2022	AL
G	REVISED AS CLOUDED	DS	16.11.2021	GC
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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SYDNEY
WOLLONGONG
www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 3

NORTH POINT

PROJECT No. 7774

DRAWING No. E007

AMDT H

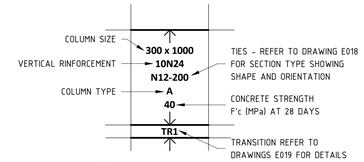
ROOF	FRL 90/-/-																							
LEVEL 16	FRL 90/-/-																							
LEVEL 15	FRL 90/-/-				**450x 450 8N20** R10-300 **H 40**	**450x 450 8N20** R10-300 **H 40**	**450x 450 8N20** R10-300 **H 40**	**400 x 400 8N16** R10-300 **H 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**400 x 400 8N16** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**220 x 550 6N16** R10-200 **G 40**	**300 x 300 4N20** R10-300 **K 40**	**300 x 300 4N20** R10-300 **K 40**
LEVEL 14	FRL 90/-/-	**300 x 500 6N20** R10-300 **G 40**	**220 x 550 6N16** R10-200 **G 40**	**220 x 550 6N16** R10-200 **G 40**																				
LEVEL 13	FRL 90/-/-																							
LEVEL 12	FRL 90/-/-																							
LEVEL 11	FRL 90/-/-																							
LEVEL 10	FRL 90/-/-																							
LEVEL 9	FRL 90/-/-																							
LEVEL 8	FRL 90/-/-																							
LEVEL 7	FRL 90/-/-																							
LEVEL 6	FRL 90/-/-																							
LEVEL 5	FRL 90/-/-																							
LEVEL 4	FRL 90/-/-																							
LEVEL 3	FRL 90/-/-																							
LEVEL 2	FRL 90/-/-																							
TRANSITION																								
LEVEL 1	FRL 90/-/-																							
TRANSITION																								
GROUND FLOOR	FRL 120/-/-																							
TRANSITION																								
BASEMENT 1	FRL 60/-/-																							
TRANSITION																								
BASEMENT 2	FRL 60/-/-																							
LEVEL		**C76**	**C77**	**C78**	**C79**	**C80**	**C81**	**C82**	**C83**	**C84**	**C85**	**C86**	**C87**	**C88**	**C89**	**C90**	**C91**	**C92**	**C93**	**C94**	**C95**	**C96**	**C97**	**C98**

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (COG)
N12	800	200
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N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
8	REVISED AS CLOUDED	DS	16.11.2021	GC
7	REVISED AS CLOUDED	DS	30.09.2021	GC
6	REVISED AS CLOUDED	DS	17.08.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

NOT FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 4

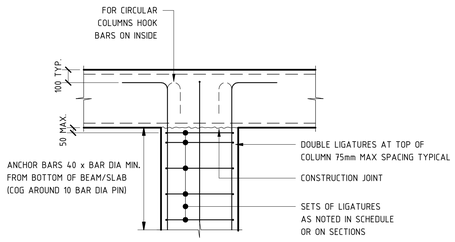
NORTH POINT

PROJECT No. 7774

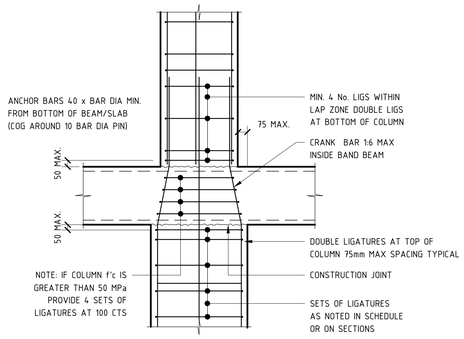
DRAWING No. E008

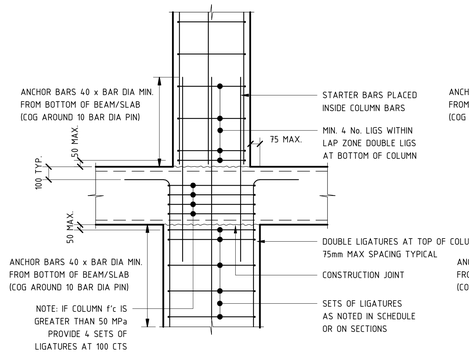
AMDT 8

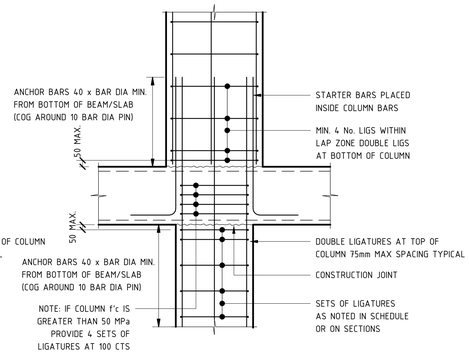
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



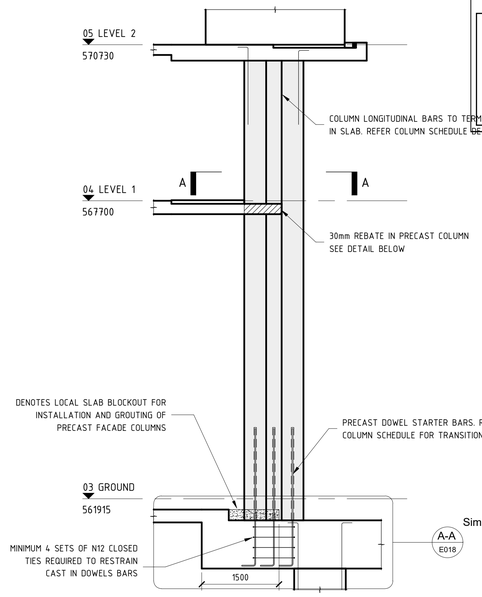
TYPICAL SECTION AT TERMINATION
SCALE 1 : 20



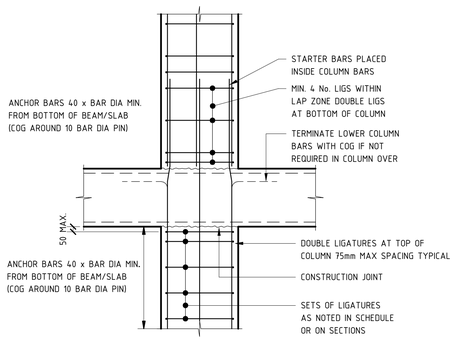




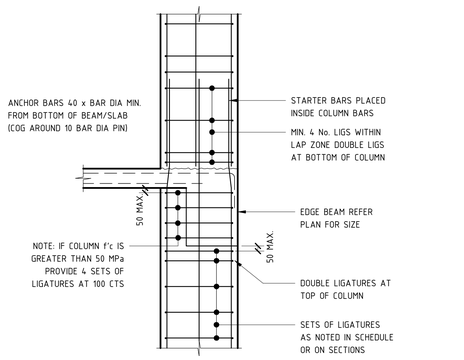
TYPICAL SECTIONS THROUGH SLAB JUNCTIONS SHOWING CHANGE IN COLUMN WIDTH
SCALE 1 : 20



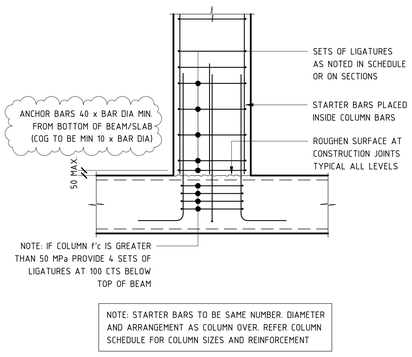
TYPICAL PRECAST COLUMN ELEVATION
SCALE 1 : 50 @ B1



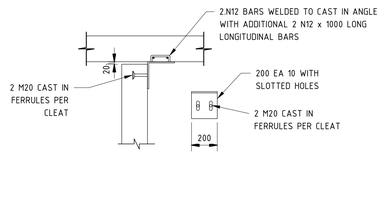
TYPICAL SECTION AT BAND BEAM
SCALE 1 : 20



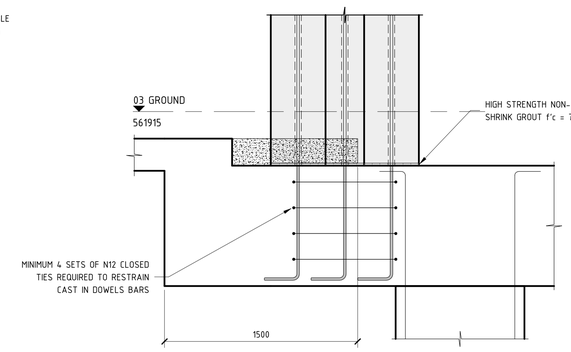
TYPICAL SECTION AT EDGE BEAM
SCALE 1 : 20



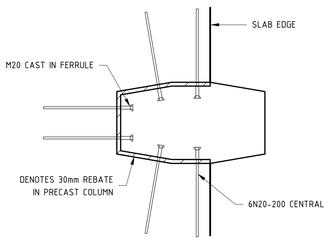
TYPICAL SECTION AT BASE OF COLUMN
SCALE 1 : 20



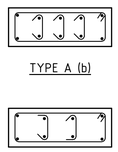
PRECAST TO SLAB CONNECTION DETAIL (NON LOAD BEARING)
SCALE: 1:20 @ B1



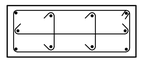
A-A E018 DETAIL
SCALE 1 : 20 @ B1



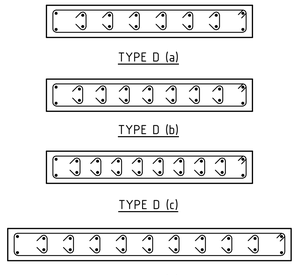
TYPICAL PRECAST CONNECTION TO LEVEL 1 SLAB DETAIL SECTION A-A
SCALE: 1:20 @ B1



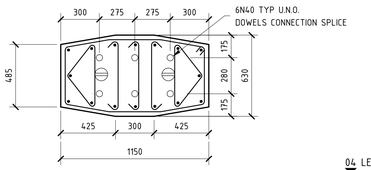
COLUMN TYPE A
SCALE 1 : 20 @ B1



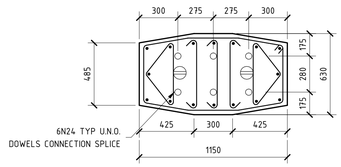
COLUMN TYPE B
SCALE 1 : 20 @ B1



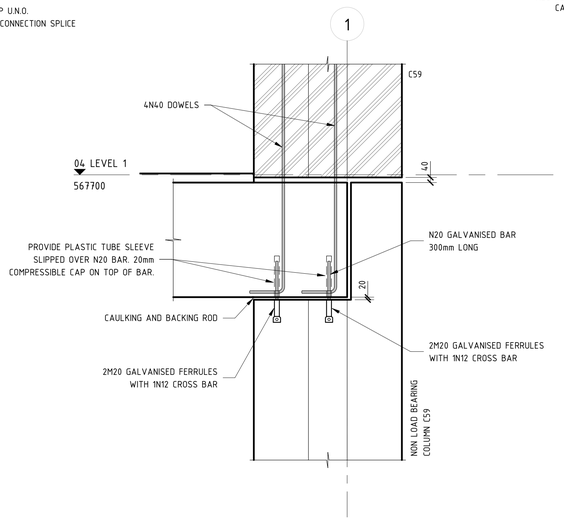
COLUMN TYPE D
SCALE 1 : 20 @ B1



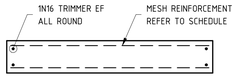
COLUMN TYPE E
SCALE 1 : 20 @ B1



COLUMN TYPE E(a)
SCALE 1 : 20 @ B1



3 E204 C59 TRANSITION DETAIL
SCALE 1 : 20 @ B1



COLUMN TYPE F
SCALE 1 : 20 @ B1

COLUMN TYPE G
SCALE 1 : 20 @ B1

COLUMN TYPE H
SCALE 1 : 20 @ B1

COLUMN TYPE K
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	25.10.2021	SS
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	13.10.2021	AL
D	REVISED AS CLOUDED	DS	30.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	MM
2	ISSUED FOR TENDER	MM	04.03.2021	GC

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL COLUMN DETAILS

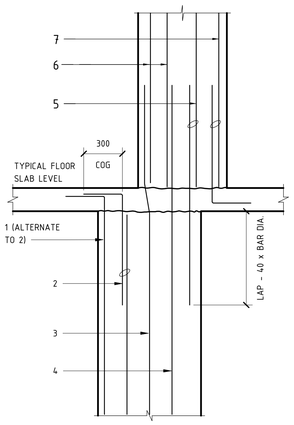
NORTH POINT

PROJECT No. 7774

DRAWING No. E018

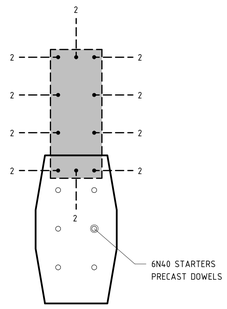
AMDT G

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

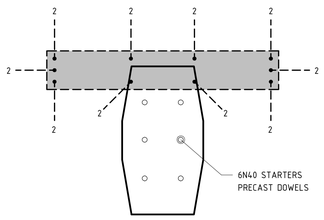


TYPICAL COLUMN TRANSITION DIAGRAM KEY
SCALE 1 : 20

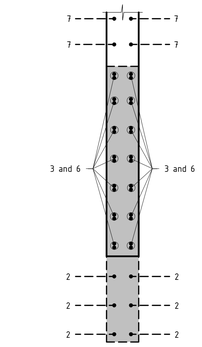
NOTES:
- DENOTES BAR UNDER SHOWN THUS: •
- DENOTES BAR OVER SHOWN THUS: •
- REFER TO COLUMN SCHEDULE FOR TIE SIZE & COLUMN TYPES FOR TIE ARRANGEMNETS



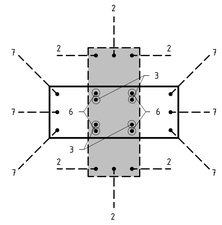
COLUMN TRANSITION - TR1
SCALE 1 : 20



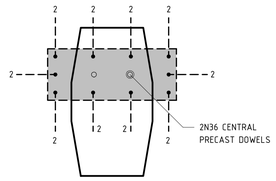
COLUMN TRANSITION - TR2
SCALE 1 : 20



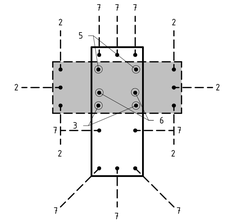
COLUMN TRANSITION - TR3
SCALE 1 : 20



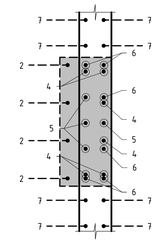
COLUMN TRANSITION - TR4
SCALE 1 : 20



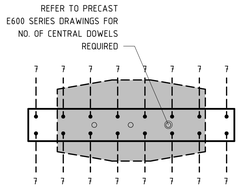
COLUMN TRANSITION - TR5
SCALE 1 : 20



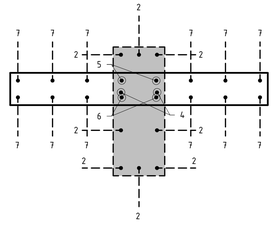
COLUMN TRANSITION - TR6
SCALE 1 : 20



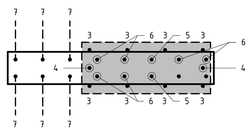
COLUMN TRANSITION - TR7
SCALE 1 : 20



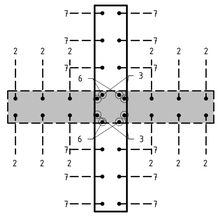
COLUMN TRANSITION - TR8
SCALE 1 : 20



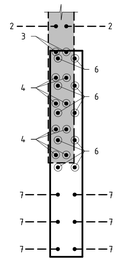
COLUMN TRANSITION - TR9
SCALE 1 : 20



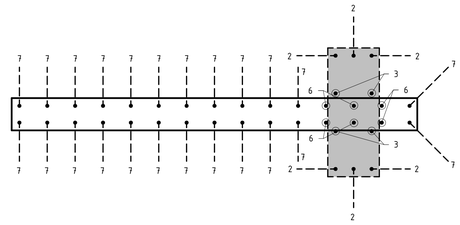
COLUMN TRANSITION - TR10
SCALE 1 : 20



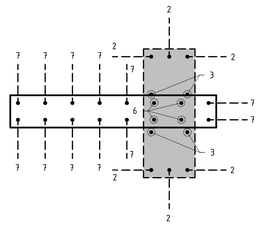
COLUMN TRANSITION - TR11
SCALE 1 : 20



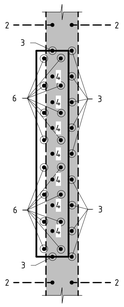
COLUMN TRANSITION - TR12
SCALE 1 : 20



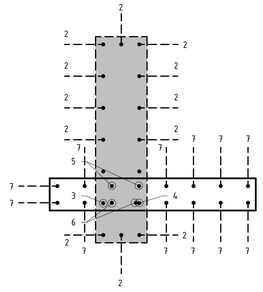
COLUMN TRANSITION - TR13
SCALE 1 : 20



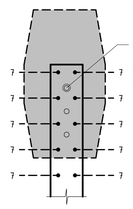
COLUMN TRANSITION - TR14
SCALE 1 : 20



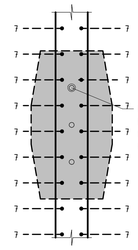
COLUMN TRANSITION - TR15
SCALE 1 : 20



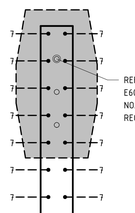
COLUMN TRANSITION - TR16
SCALE 1 : 20



COLUMN TRANSITION - TR17
SCALE 1 : 20



COLUMN TRANSITION - TR18
SCALE 1 : 20



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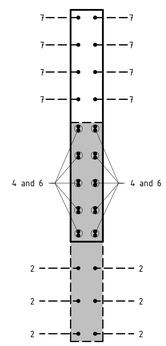
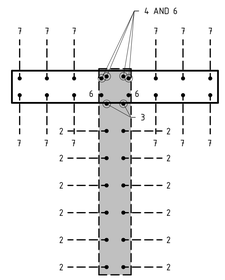
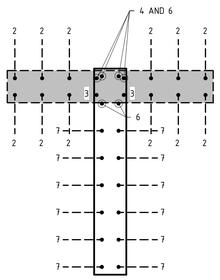


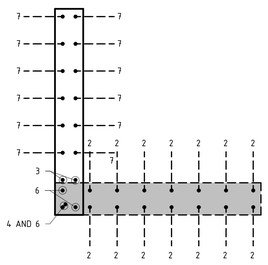
COLUMN TRANSITION - TR20
SCALE 1 : 20



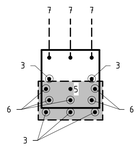
COLUMN TRANSITION - TR21
SCALE 1 : 20



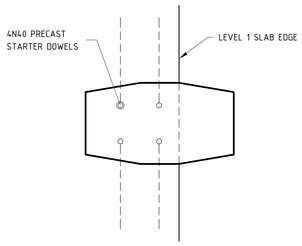
COLUMN TRANSITION - TR22
SCALE 1 : 20



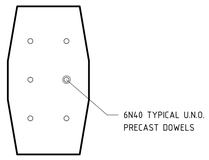
COLUMN TRANSITION - TR23
SCALE 1 : 20



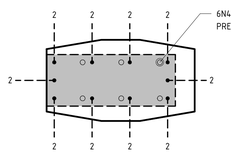
COLUMN TRANSITION - TR24
SCALE 1 : 20



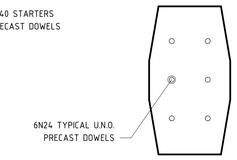
COLUMN TRANSITION - TR25
SCALE 1 : 20



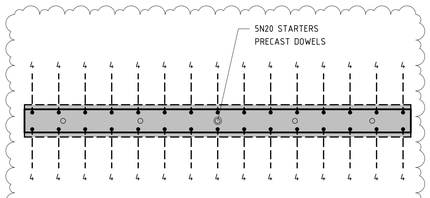
COLUMN TRANSITION - TR26
SCALE 1 : 20



COLUMN TRANSITION - TR27
SCALE 1 : 20



COLUMN TRANSITION - TR28
SCALE 1 : 20



COLUMN TRANSITION - TR29
SCALE 1 : 20

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	27.01.2022	AL
D	REVISED AS CLOUDED	DS	20.10.2021	GC
C	REVISED AS CLOUDED	DS	15.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	REVISED AS CLOUDED	MM	16.04.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	19.03.2021	GC
1	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL COLUMN TRANSITIONS

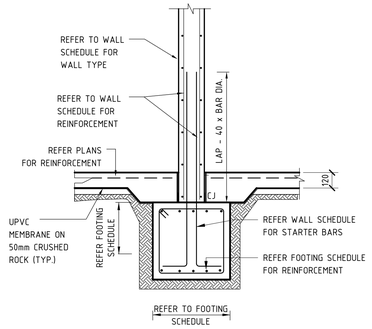
NORTH POINT

PROJECT No. 7774

DRAWING No. E019

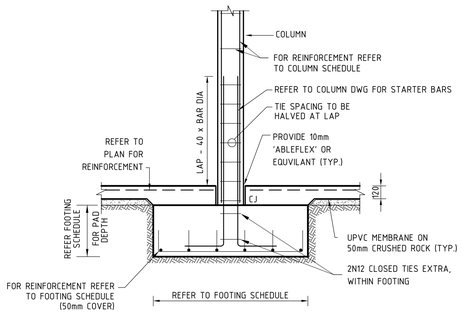
AMDT E

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



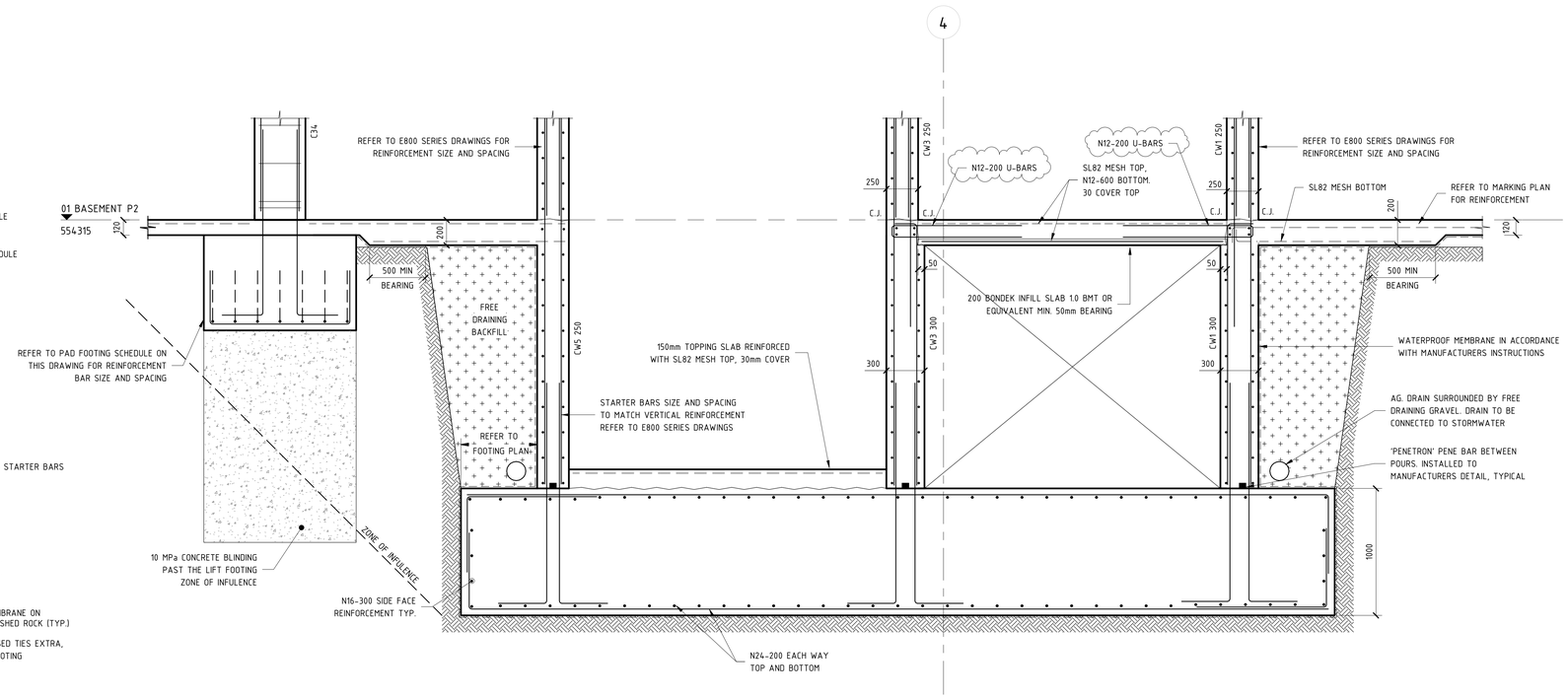
TYPICAL STRIP FOOTING DETAIL

SCALE 1:20 @ B1



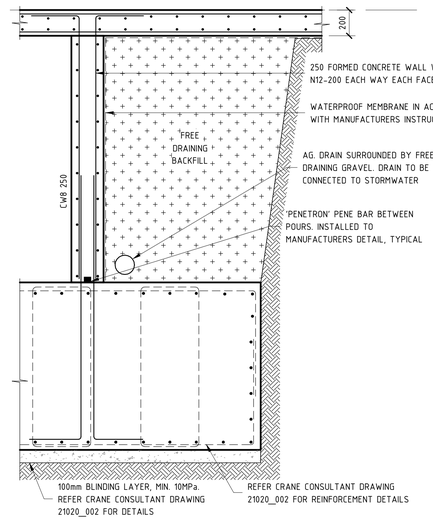
TYPICAL PAD FOOTING DETAIL

SCALE 1 : 20 @ A1



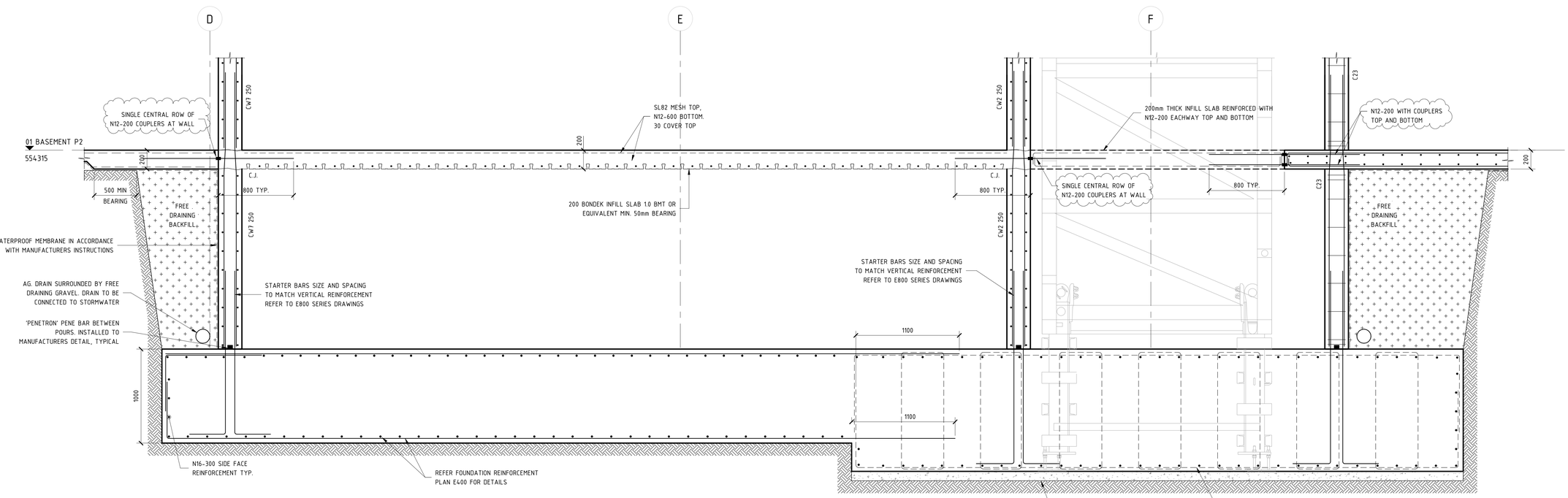
F1 E200 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1



F3 E100 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1



F2 E200 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
I	REVISED AS CLOUDED	DS	16.11.2021	GC
H	REVISED AS CLOUDED	DS	04.11.2021	GC
G	REVISED AS CLOUDED	DS	25.10.2021	SS
F	REVISED AS CLOUDED	DS	30.09.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	ISSUED FOR TENDER	MM	13.04.2021	GC
4	ISSUED FOR TENDER	MM	19.03.2021	GC

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SYDNEY
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL FOOTING DETAILS - SHEET 1

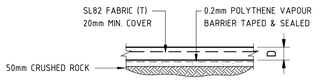
NORTH POINT

PROJECT No. 7774

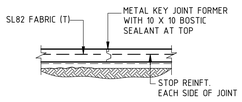
DRAWING No. E030

AMDT I

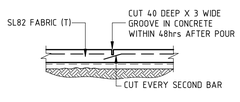
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



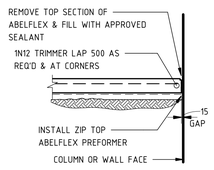
TYPICAL SLAB CONSTRUCTION
SCALE 1:20 @ B1



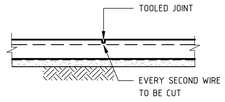
KEY JOINT DETAIL (KJ)
SCALE 1:20 @ A1



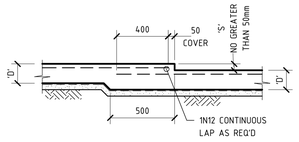
SAWCUT JOINT DETAIL (SJ)
SCALE 1:20 @ B1



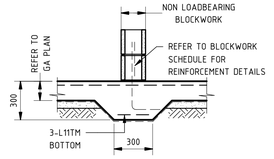
ISOLATION JOINT (IJ)
ROUGH SURFACE



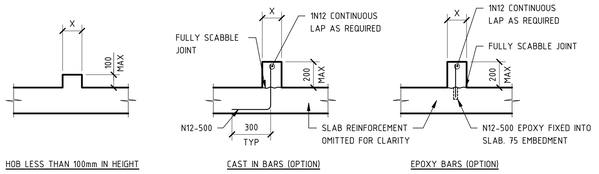
TOOLED JOINT (TJ)



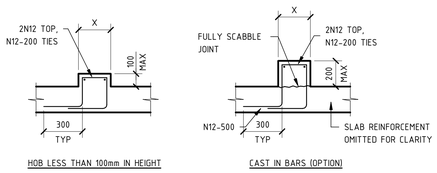
TYPICAL SLAB FOLD SECTION
SCALE 1:20
'S' - STEP DEPTH (REFER ARCHITECT)
'D' - SLAB DEPTH (REFER GA PLAN)



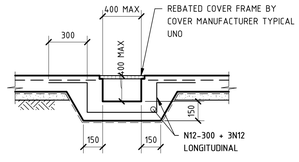
TYPICAL SLAB THICKENING FOR NON-LOAD BEARING BLOCKWORK



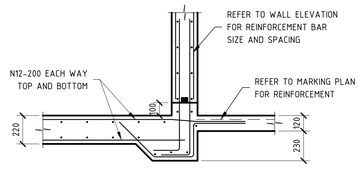
TYPICAL KERB/HOB DETAILS
SCALE 1:20
NOTE: WHERE 'X' = 100-180



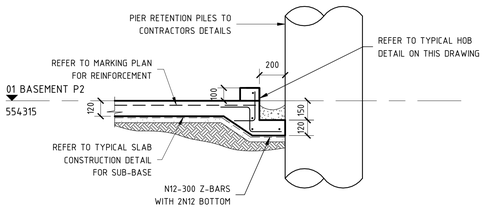
TYPICAL KERB/HOB DETAILS
SCALE 1:20
NOTE: WHERE 'X' = 180-250



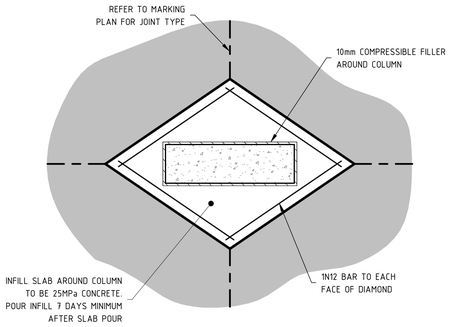
TYPICAL GRATED DRAIN DETAILS
FOR SLAB ON GROUND



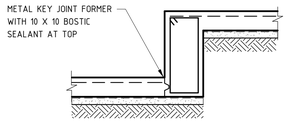
TYPICAL TANK DETAIL
FOR SLAB ON GROUND



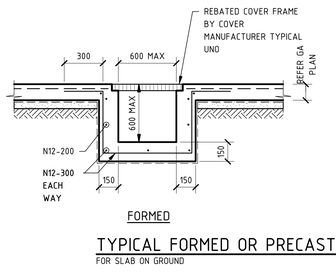
B1 / E201 TYPICAL BASEMENT SLAB ON GROUND SLAB EDGE DETAIL
SCALE 1 : 20 @ B1



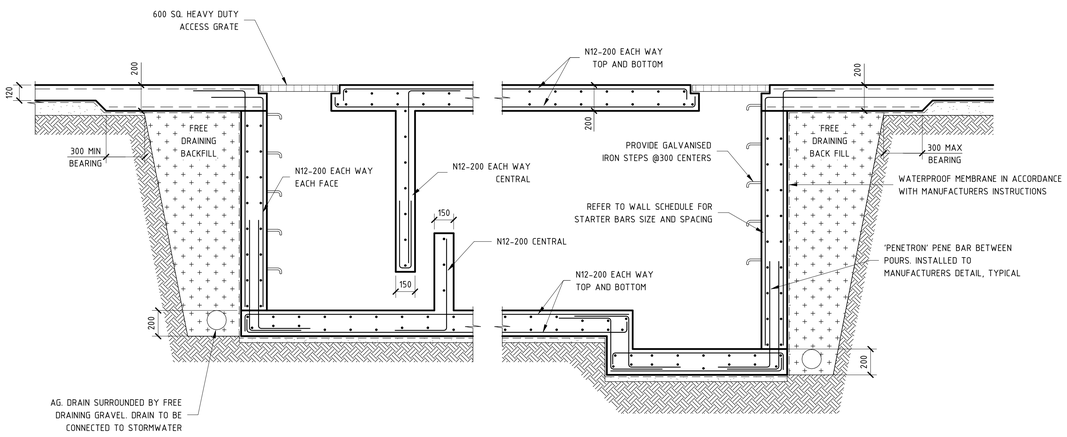
TYPICAL BASEMENT DIAMOND ISOLATION JOINT DETAIL
SCALE 1:20 @ B1



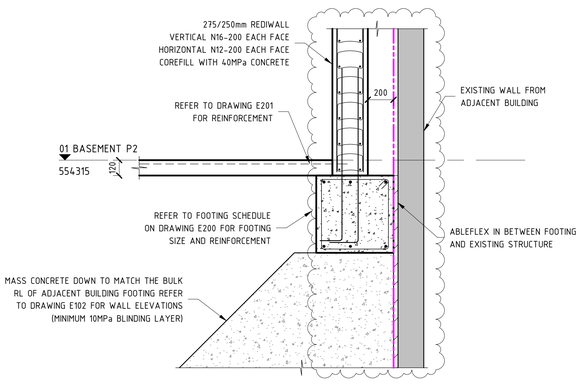
KEY JOINT DETAIL IN STEP (KJ)
SCALE 1:20 @ B1



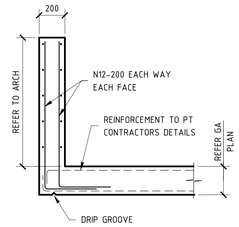
TYPICAL FORMED OR PRECAST DRAINAGE PIT DETAILS
FOR SLAB ON GROUND



B2 / E201 TYPICAL BASEMENT PUMP OUT PIT DETAIL
SCALE 1 : 20 @ B1



B3 / E200 BASEMENT SECTION
SCALE 1 : 20 @ B1



TYPICAL CRASH BARRIER DETAIL
SCALE 1:20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	28.10.2021	SS
F	REVISED AS CLOUDED	DS	22.10.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL SLAB ON GROUND DETAILS

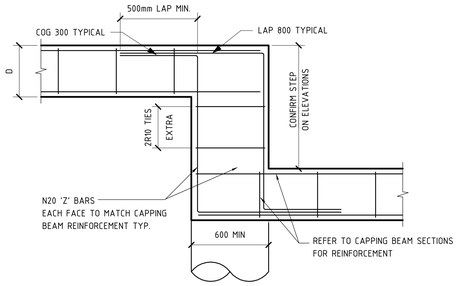
NORTH POINT

PROJECT No. 7774

DRAWING No. E031

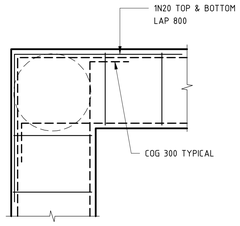
AMDT G

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

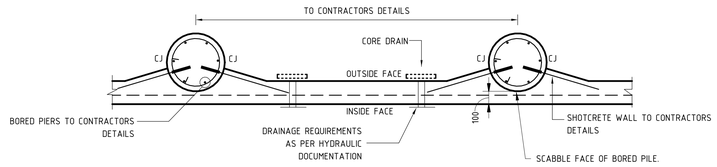


TYPICAL STEP IN CAPPING BEAM DETAIL
SCALE 1 : 20

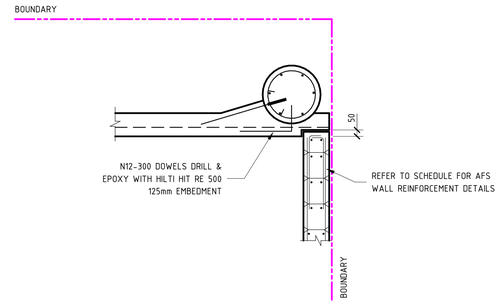
NOTE:
ALL STEPS TO BE LOCATED DIRECTLY OVER PIERS



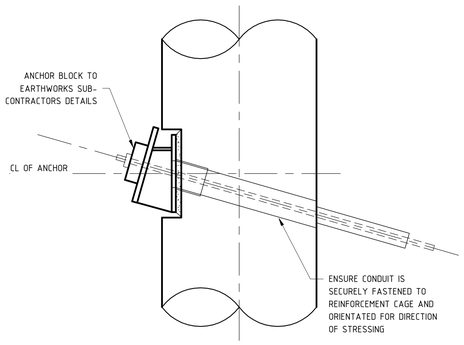
TYPICAL CAPPING BEAM CORNER DETAIL
SCALE 1 : 20



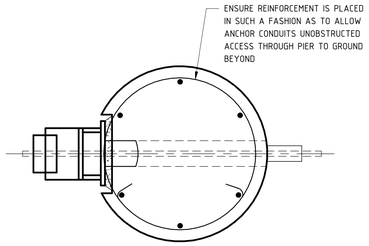
TYPICAL BORED PIER/SHOTCRETE WALL DETAILS
SCALE 1:20 @ B1



TYPICAL AFS TO SHORING WALL CONNECTION DETAIL
SCALE 1:20 @ B1

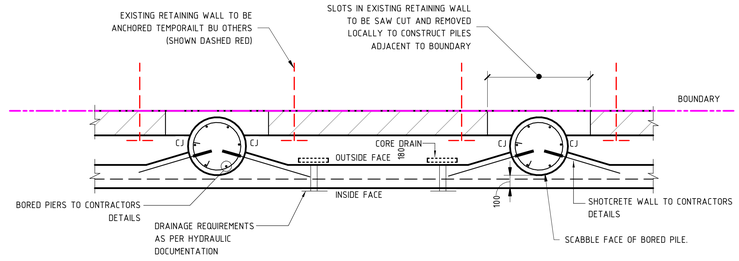


TYPICAL ANCHOR HEAD DETAIL
SCALE 1:10 @ A1

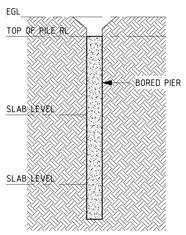


PLAN VIEW

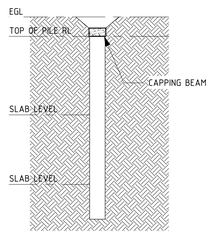
TYPICAL ANCHOR HEAD DETAIL
SCALE 1:10 @ A1



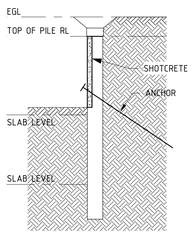
TYPICAL EXISTING RETAINING WALL AT PILE LOCATION DETAIL
SCALE 1:20 @ B1



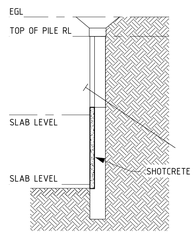
STAGE 1
SETOUT, DRILL & POUR SHORING PILE



STAGE 2
CONSTRUCT CAPPING BEAMS



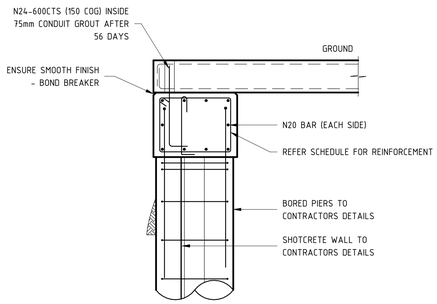
STAGE 3
EXCAVATE TO FIRST ANCHOR AND INSTALL GROUND ANCHOR
STRESS GROUND ANCHORS TO DESIGN LOADS AFTER SHOTCRETE IS MIN. 4 DAYS OLD
(LOCATE ANY EXISTING SERVICES PRIOR TO INSTALLING GROUND ANCHORS)
PLACE SHOTCRETE TO BASE OF EXCAVATION.
REFER TO GEOTECH FOR MAXIMUM RECOMMENDED



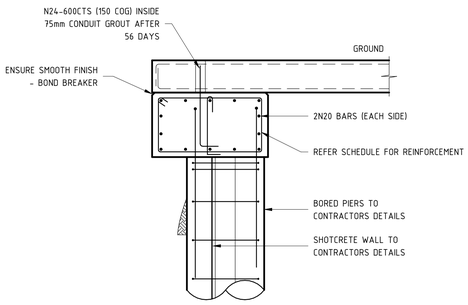
STAGE 4
EXCAVATE TO FINAL BULK EXCAVATION LEVEL
(SUBJECT TO GEOTECH APPROVAL)
PLACE SHOTCRETE TO BASE OF EXCAVATION.
REFER TO GEOTECH FOR MAXIMUM RECOMMENDED EXCAVATION PRIOR TO SHOTCRETING

SHORING CONSTRUCTION SEQUENCE
SCALE 1:100 @ A1

REFER TO SECTION "4 CONSTRUCTION SEQUENCE" ON
PAGE 18 OF SHORING DESIGN REPORT 210174-R3
DATED 29/04/2021 PREPARED BY: SMART
STRUCTURES AUSTRALIA



CAPPING BEAM SECTION - CB1
SCALE 1:20 @ B1



CAPPING BEAM SECTION - CB2
SCALE 1:20 @ B1

REFER TO SMART STRUCTURES AUSTRALIA SHORING DRAWINGS FOR SHORING DETAILS, PROJECT NUMBER 210174:

- S00.11[2] - GENERAL NOTES
- S00.12[2] - GENERAL NOTES
- S00.21[2] - SURVEY
- S01.11[3] - SHORING PLAN
- S01.21[3] - SHORING ELEVATIONS
- S01.31[3] - SHORING DETAILS
- S01.41[2] - SHORING SECTIONS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	ISSUED FOR CONSTRUCTION	MM	06.05.2020	GC
A	ISSUED FOR CONSTRUCTION CERTIFICATE	MM	19.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	04.03.2021	GC
2	ISSUED FOR INFORMATION	MM	03.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CONSULT AUSTRALIA

APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

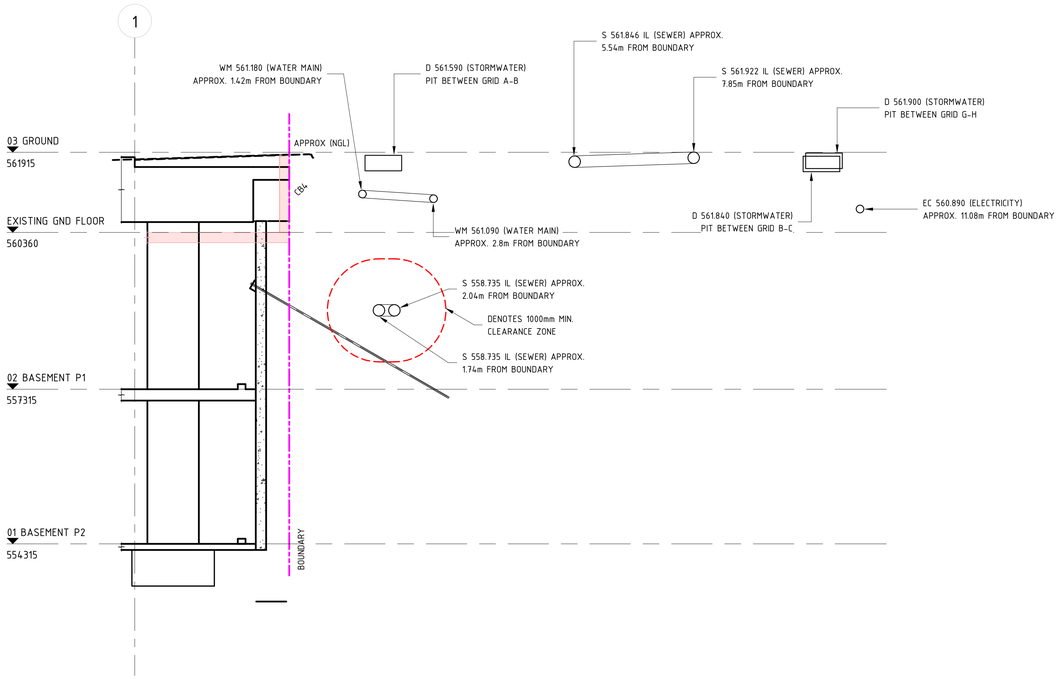
DRAWING TITLE
TYPICAL BORED PIER DETAILS - SHEET 1

NORTH POINT

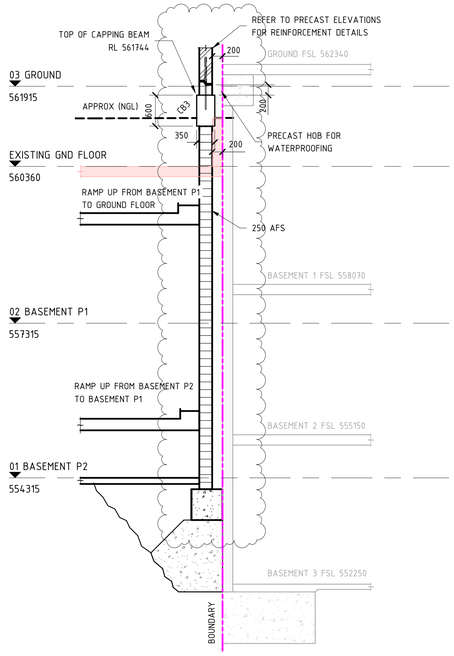
PROJECT No. 7774

DRAWING No. E032

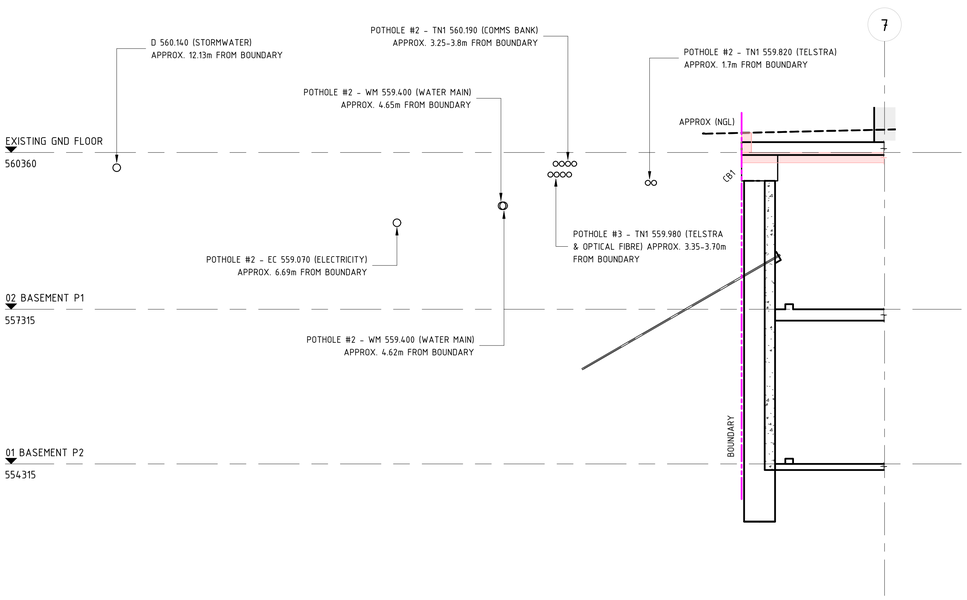
AMDT B



1 E100 SECTION
SCALE 1 : 50 @ B1



2 E100 SECTION
SCALE 1 : 50 @ B1



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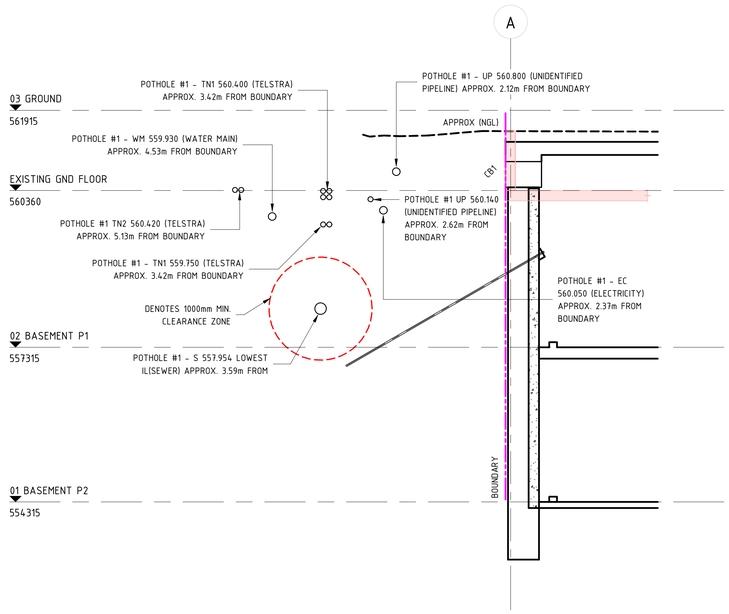

4 E100 SECTION
SCALE 1 : 50 @ B1

REFER TO SMART STRUCTURES AUSTRALIA SHORING DRAWINGS FOR SHORING DETAILS, PROJECT NUMBER 210174:

- S00.11[2] - GENERAL NOTES
- S00.12[2] - GENERAL NOTES
- S00.21[2] - SURVEY
- S01.11[3] - SHORING PLAN
- S01.21[3] - SHORING ELEVATIONS
- S01.31[3] - SHORING DETAILS
- S01.41[2] - SHORING SECTIONS

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

PILING PLANS/ELEVATION/SECTION INDICATIVE ONLY. D&C PILING CONTRACTOR TO CONFIRM ALL PILED WALL DETAILS. DESIGN, CERTIFICATION AND INSTALLATION BY SPECIALIST PILING CONTRACTOR.

NOTE:
1. LEVELS PROVIDED ARE FOR INFORMATION ONLY. REFER TO ARCHITECT'S DRAWINGS FOR FINAL LEVELS.
2. ALL ANCHOR LOCATIONS TO BE CONFIRMED WITH FLOOR SLABS.
3. TEMPORARY PILING PLATFORM, BENCHING AND SHORING REQUIRED DURING CONSTRUCTION TO BE PROVIDED BY OTHERS.
4. ALL SERVICES TO BE LOCATED PRIOR TO COMMENCMENT OF EXCAVATION, INSTALLATION OF PILES/ANCHORS AND CUTTING OF BATTERS.
5. TEMPOARY ANCHORS TO BE DE-STRESSED AFTER STRUCTURE UP TO LOWER GROUND FLOOR IS POURED AND CAPPING BEAM DOWELS HAVE BEEN GROUTED AFTER 56 DAYS.

EXCAVATION AND GEOTECHINCAL INSPECTION:
- DURING EXCAVATION CLOSE INSPECTION OF THE ROCK BY A QUALIFIED GEOTECHNICAL ENGINEER WILL NEED TO BE CARRIES OUT TO CHECK THAT ROCK ANCHORS ARE SUFFICIENT OR IF ADDITONAL ANCHORS ARE REQUIRED.
- FULL EXTENT OF ANCHORS OR BOLTS TO BE DETERMINED ONCE EXCAVATION HAS BEEN CARRIED OUT IF REQUIRED.

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
H	REVISED AS CLOUDED	DS	28.10.2021	SS
G	REVISED AS CLOUDED	DS	22.10.2021	GC
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B	ISSUED FOR CONSTRUCTION	MM	06.05.2021	GC
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BORED PIER DETAILS - SHEET 2

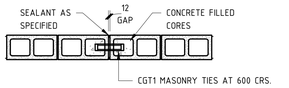
NORTH POINT

PROJECT No. 7774

DRAWING No. E033

AMDT H

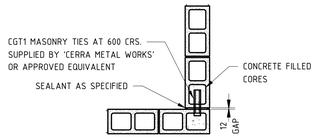
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF THE BLOCK WALL

BLOCKWORK CONTROL JOINT

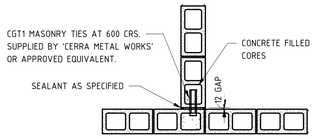
(UNREINFORCED) (RECOMMENDED EVERY 5m AND AT CONSTRUCTION JOINTS UNO)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 90 DEGREES CORNER

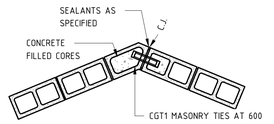
(UNREINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 'T' INTERSECTION

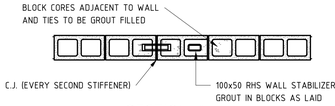
(UNREINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

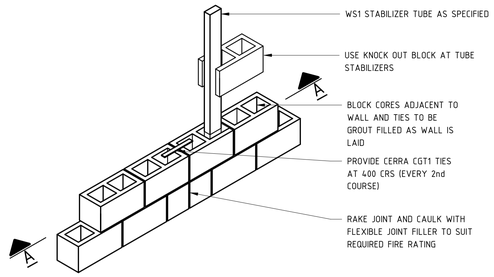
BLOCKWORK CONTROL JOINT - AT 45 DEGREES CORNER

(UNREINFORCED)
SCALE 1:20



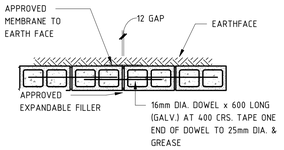
SECTION A-A

SCALE 1:20



CONTROL JOINT WITH STABILIZER TUBE

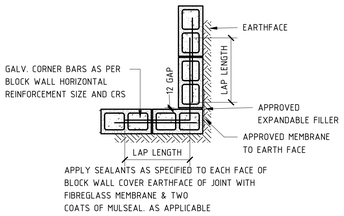
(UNREINFORCED 150 AND 200 SERIES BLOCKWORK)
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

RETAINING BLOCKWORK CONTROL JOINT

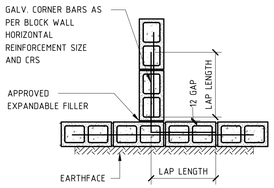
(RECOMMENDED EVERY 7.5m UNO)
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

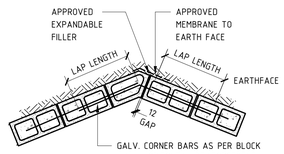
RETAINING BLOCKWORK CONTROL JOINT - JOINT AT 90 DEGREES CORNER

SCALE 1:20



RETAINING BLOCKWORK AT 'T' INTERSECTION

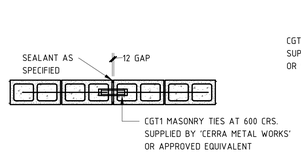
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

RETAINING BLOCKWORK CONTROL JOINT - JOINT AT 45 DEGREES CORNER

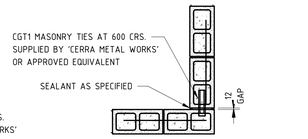
(REINFORCED)
SCALE 1:20



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF THE BLOCK WALL

BLOCKWORK CONTROL JOINT

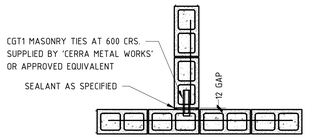
(REINFORCED) (RECOMMENDED EVERY 7.5m UNO)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL.

BLOCKWORK CONTROL JOINT AT 90 DEGREES CORNER

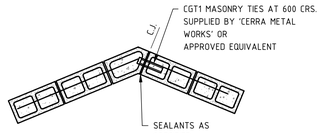
(REINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 'T' INTERSECTION

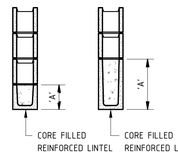
(REINFORCED)
SCALE 1:20



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL,
APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALLS.

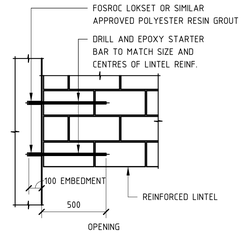
BLOCKWORK CONTROL JOINT - AT 45 DEGREES CORNER

(REINFORCED)
SCALE 1:20



TYPICAL LINTEL DETAILS

LINTEL SCHEDULE						
SPAN	DIM 'A'	DIM 'B'	REINFORCEMENT			END BEARING
			BOTTOM	TOP	TIES	
UP TO 500	200	140, 190	1N12	-	-	200 MIN
501-1800	300	190	1N16	-	-	200 MIN
501-3000	400	140	1N20	-	-	200 MIN
1801-3000	400	190	1N20	-	-	200 MIN
3001-3600	400	190	2N20	-	-	200 MIN



LINTEL SUPPORT TO R.C. WALL OR COLUMN

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BLOCKWORK DETAILS - SHEET 1

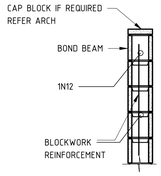
NORTH POINT

PROJECT No. 7774

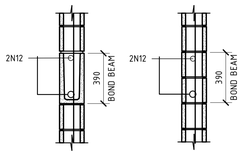
DRAWING No. E034

AMDT A

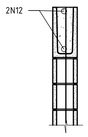
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



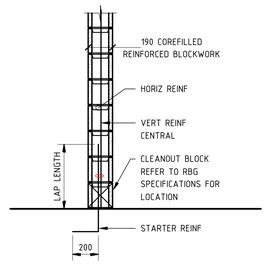
TYPICAL BLOCKWORK UPSTAND
(REINFORCED)
SCALE 1:20



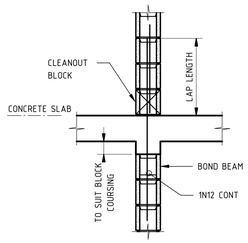
TYPICAL BOND BEAM DETAILS
SCALE 1:20



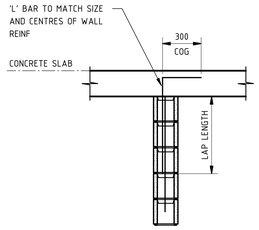
TYPICAL LOAD BEARING RETAINING BLOCKWORK INCORPORATING A BOND BEAM
SCALE 1:20



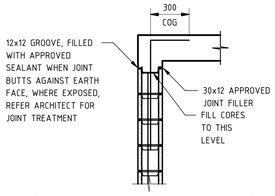
TYPICAL BLOCKWORK STARTER DETAIL
SCALE 1:20



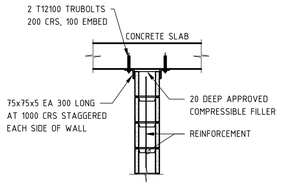
LOAD BEARING BLOCKWORK AT INTERMEDIATE SLAB
SCALE 1:20
NOTE: BLOCKWALL SHALL NOT INTRUDE INTO SOFFIT OF SLAB BY MORE THAN 10mm



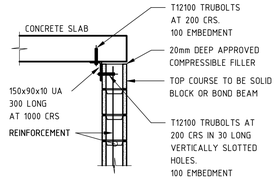
LOAD BEARING BLOCKWORK TO UNDERSIDE OF SLAB
SCALE 1:20
NOTE: BLOCKWALL SHALL NOT INTRUDE INTO SOFFIT OF SLAB BY MORE THAN 10mm



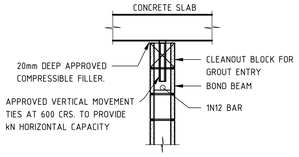
TYPICAL LOAD BEARING RETAINING BLOCKWORK TO UNDERSIDE OF SLAB
SCALE 1:20



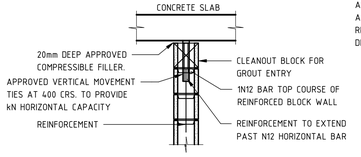
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED OR UNREINFORCED)
SCALE 1:20



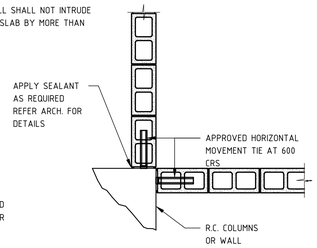
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED OR UNREINFORCED)
SCALE 1:20



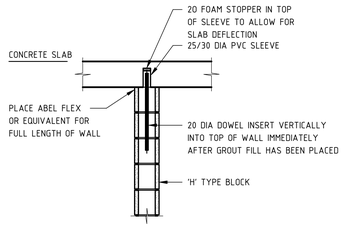
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(UNREINFORCED)
SCALE 1:20



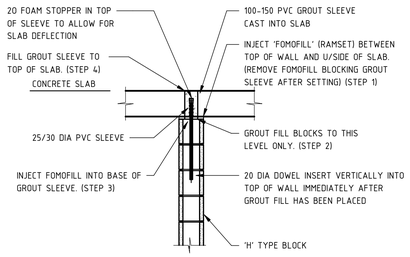
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED)
SCALE 1:20



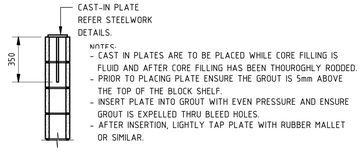
BLOCKWORK TO CONCRETE
(REINFORCED OR UNREINFORCED)
SCALE 1:20



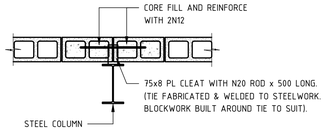
NON-LOAD BEARING BLOCKWORK CONSTRUCTED PRIOR TO SLAB
(UNREINFORCED)
SCALE 1:20



NON-LOAD BEARING BLOCKWORK CONSTRUCTED AFTER SLAB
(UNREINFORCED)
SCALE 1:20



CAST-IN PLATE DETAIL
SCALE 1:20



BLOCKWORK TO STEEL COLUMN
SCALE 1:20

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMDED BY
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BLOCKWORK DETAILS - SHEET 2

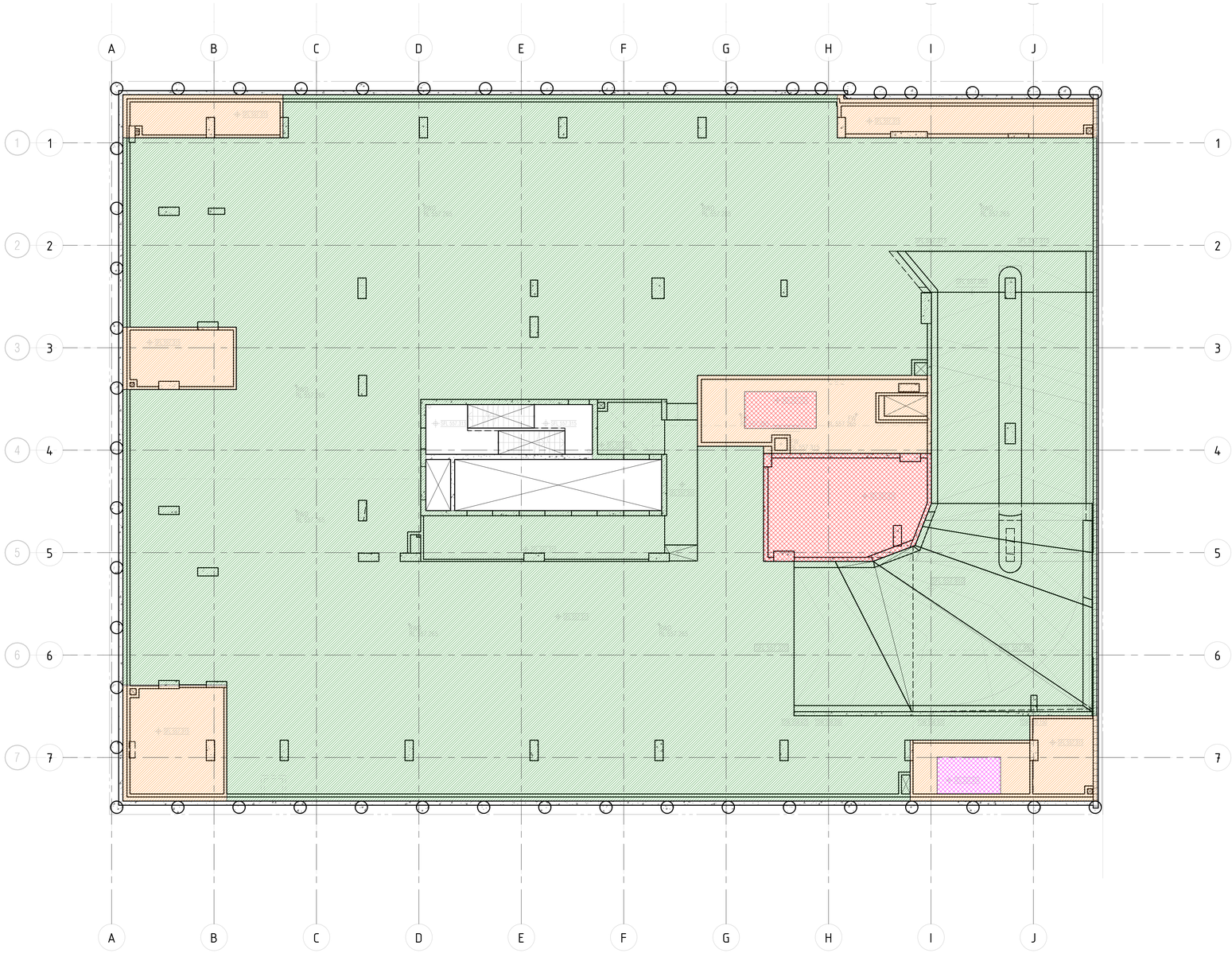
NORTH POINT

PROJECT No. 7774

DRAWING No. E035

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



BASEMENT P1 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	WATER TANK	0.5 kPa	30.0 kPa
	CAR PARK/RAMP	0.5 kPa	2.5 kPa
	PLANT	0.5 kPa	7.5 kPa
	WATER TANK	0.5 kPa	15.3 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	DS	26.10.2021	SS
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT P1 LOADING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E050

AMDT B

BCA certifiers
ABN: 58 119 755 734
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09 March 2022
BCS 211679
Block 4 Section 12
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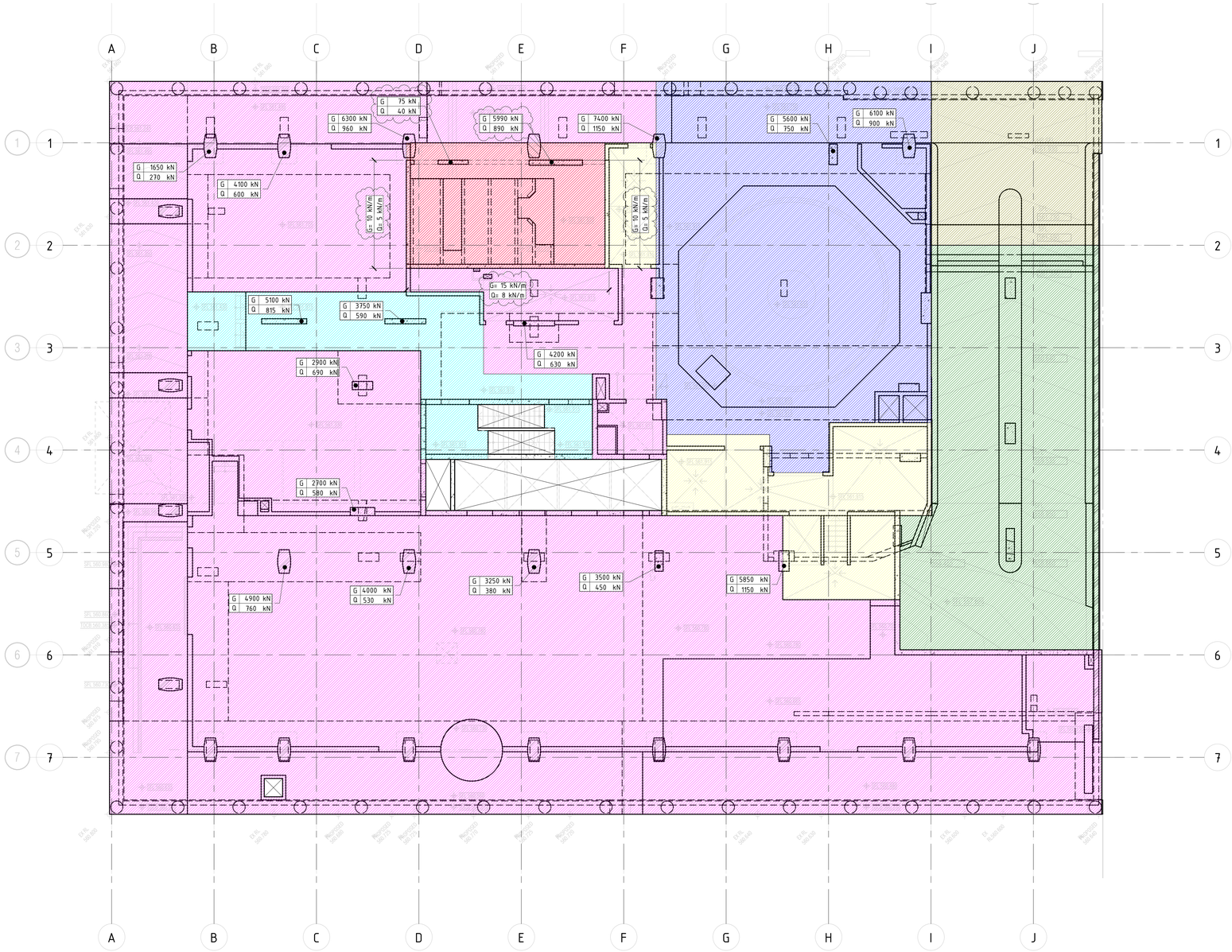

GROUND FLOOR LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RAMP	0.5 kPa	2.5 kPa
	ENTRY RAMP	2.5 kPa	2.5 kPa
	LOADING DOCK	2.5 kPa	10.0 kPa
	TURNTABLE	6.5 kPa	10.0 kPa
	SUB-STATION	5.0 kPa	10.0 kPa
	RETAIL	2.5 kPa	5.0 kPa
	FIRE ESCAPE	0.5 kPa	4.0 kPa
	WASTE AREA	0.5 kPa	7.5 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	REVISED AS CLOUDED	DS	06.12.2021	GC
C	REVISED AS CLOUDED	DS	02.12.2021	GC
B	REVISED AS CLOUDED	DS	26.10.2021	SS
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND FLOOR LOADING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E051

AMDT D

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
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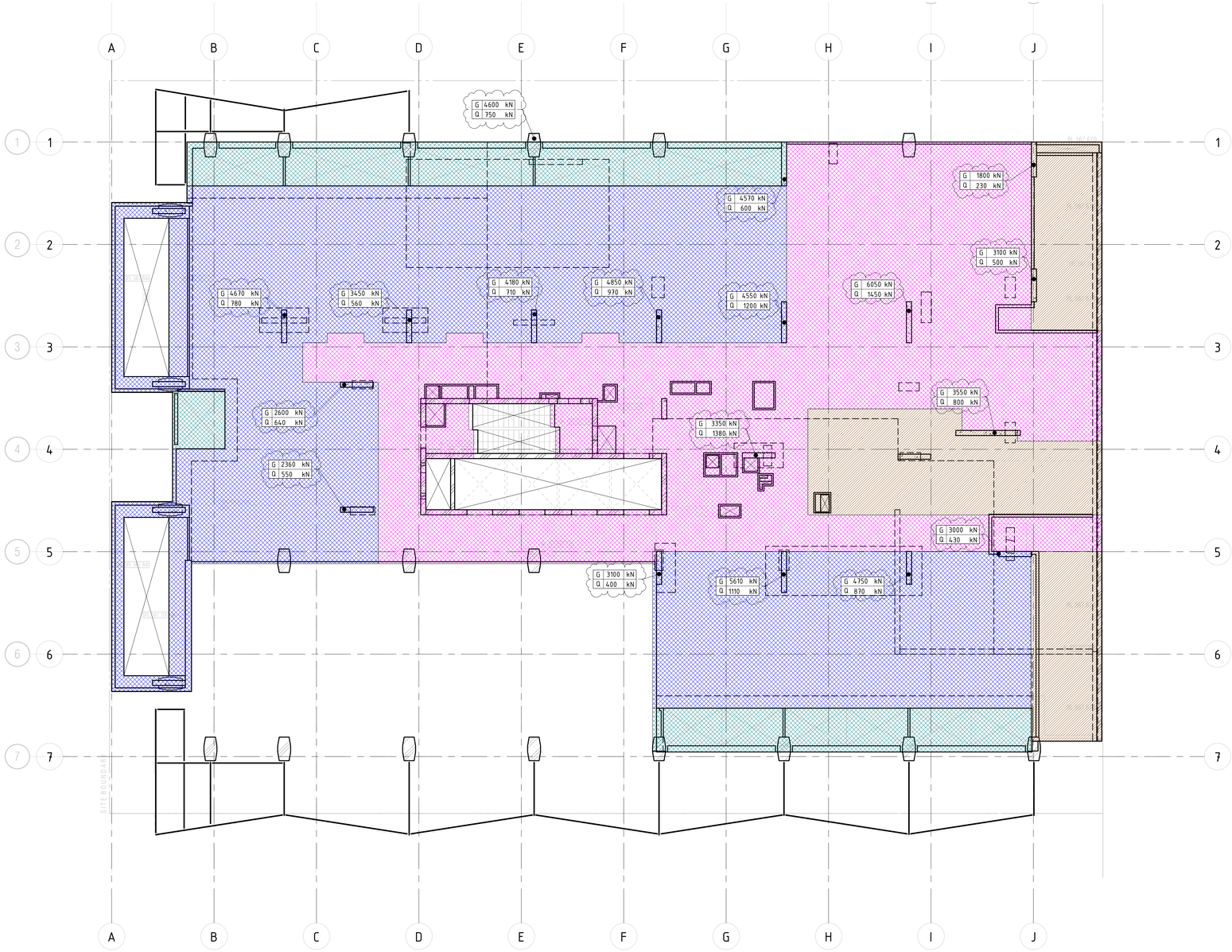

LEVEL 1 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	PLANT	2.0 kPa	5.0 kPa
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 1 LOADING PLAN

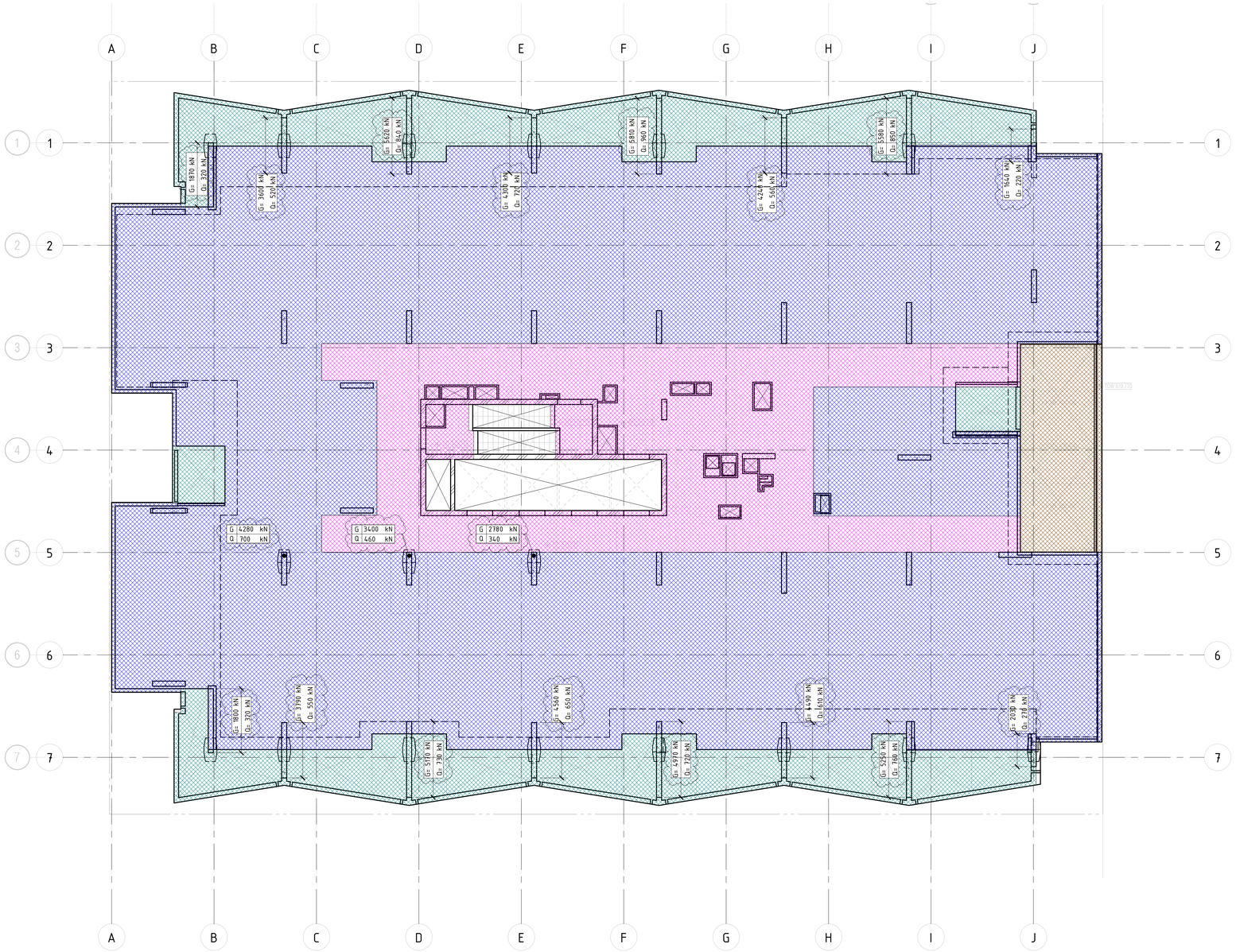
NORTH POINT

PROJECT No. 7774

DRAWING No. E052

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



LEVEL 2 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa
	ROOF	0.25 kPa	0.5 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 2 LOADING PLAN

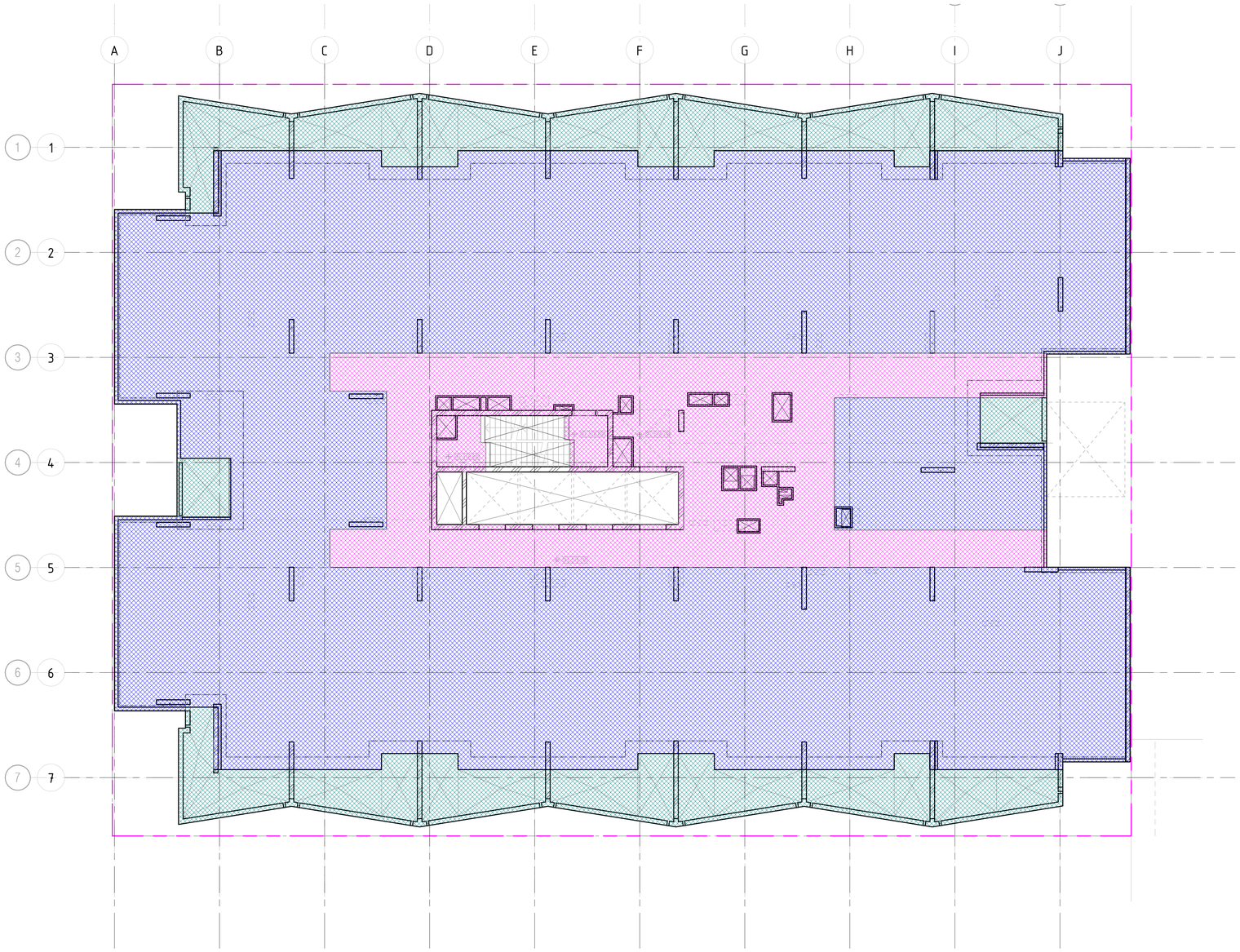
NORTH POINT

PROJECT No. 7774

DRAWING No. E053

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



LEVEL 4, 6, 8 AND 10 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	19.03.2021	GC
1	ISSUED FOR TENDER	MM	04.03.2021	GC

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DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVELS 4, 6, 8 AND 10 LOADING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E054

AMDT A

BCA certifiers
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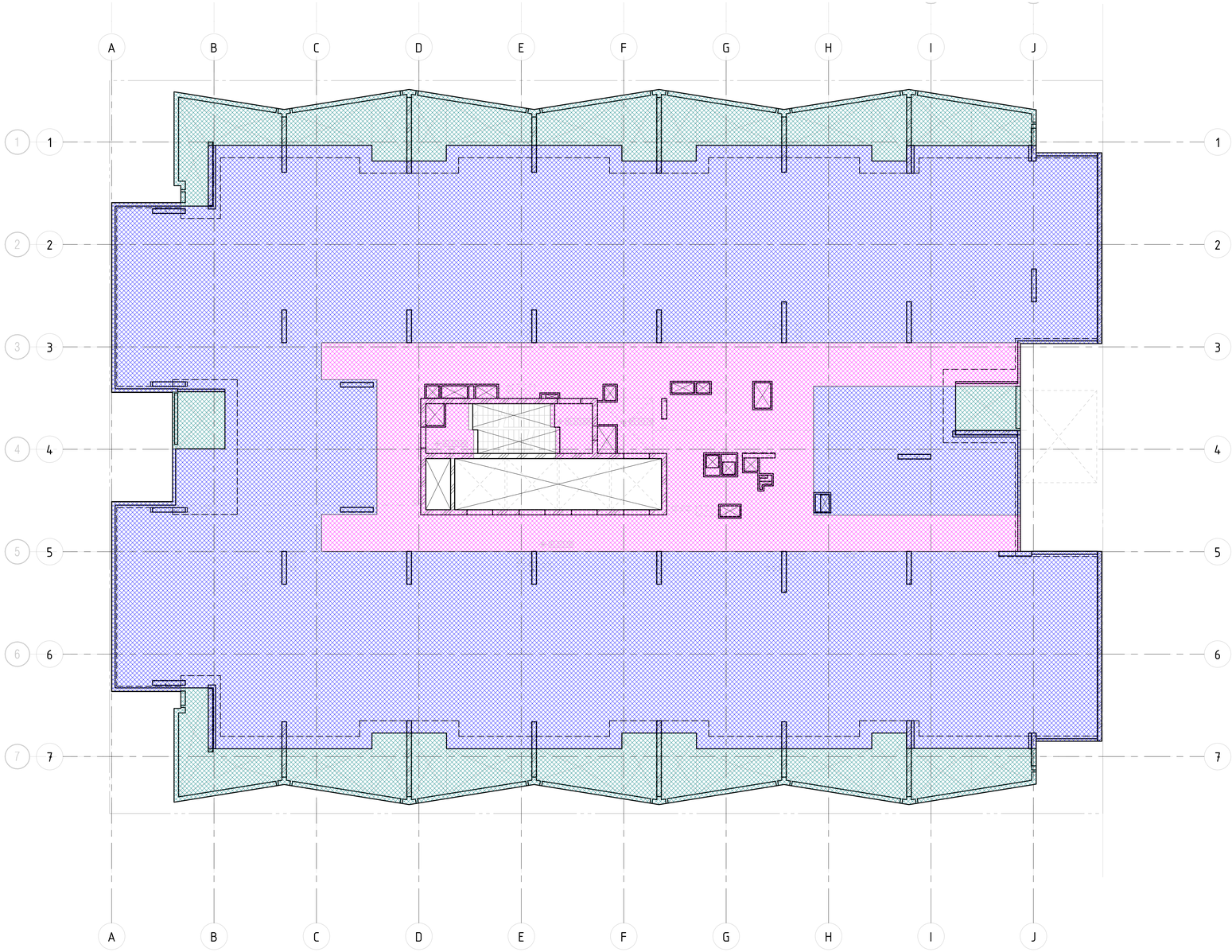
Block 4 Section 12
City



LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

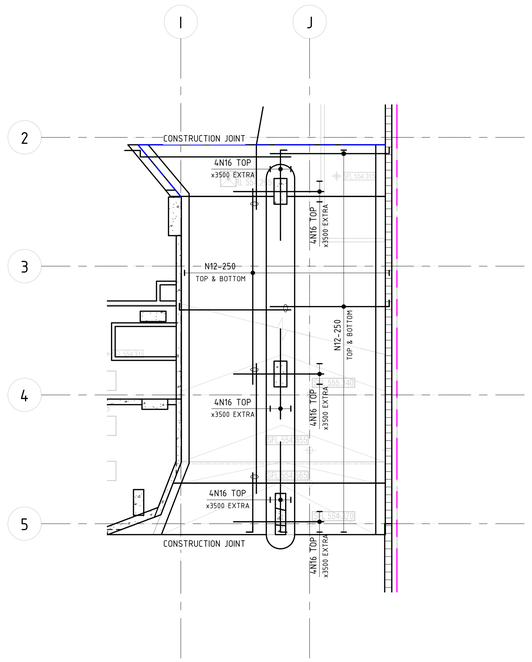
DRAWING TITLE
LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN

NORTH POINT

PROJECT No. 7774

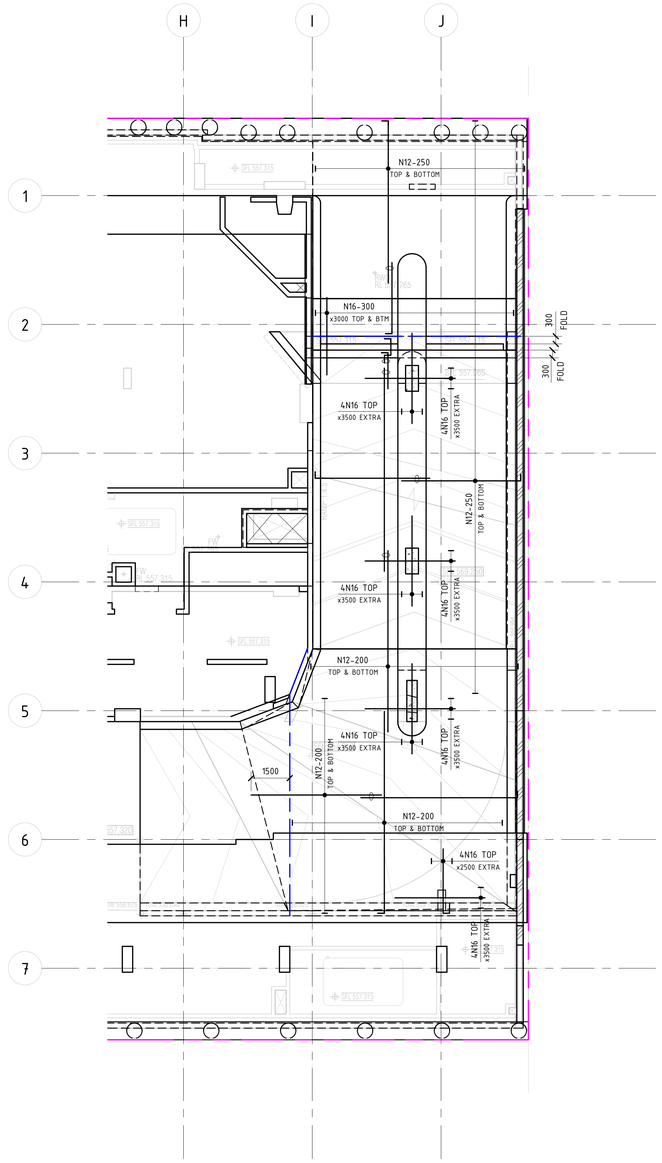
DRAWING No. E055

AMDT A



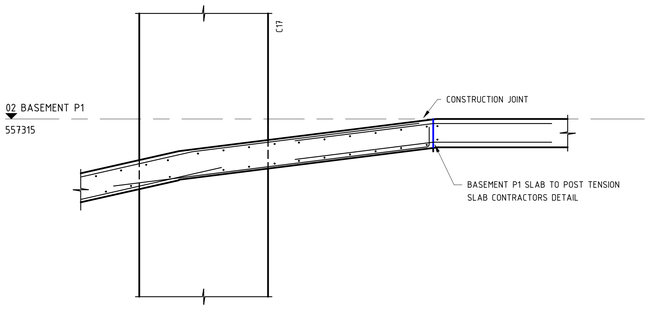
BASEMENT P2 TO P1 RAMP REINFORCEMENT PLAN

SCALE 1 : 100 @ B1



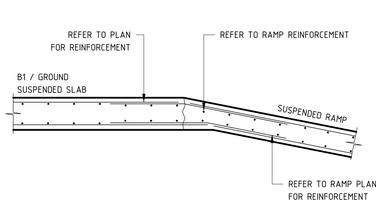
BASEMENT P1 TO GROUND RAMP REINFORCEMENT PLAN

SCALE 1 : 100 @ B1



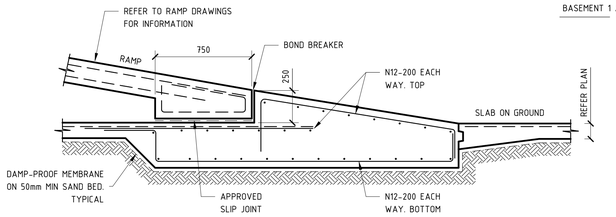
P2 TO P1 RAMP INTERFACE AT BASEMENT P1 LEVEL DETAIL

SCALE 1 : 20 @ B1



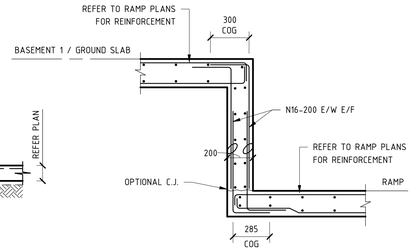
TYPICAL RAMP TRANSITION

SCALE 1 : 20 @ B1



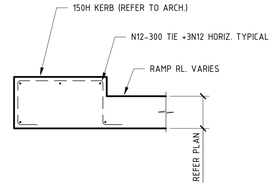
TYPICAL RAMP BASE DETAIL

SCALE 1 : 20 @ B1



TYPICAL SLAB TO RAMP DOWNTURN DETAIL

SCALE 1 : 20 @ B1



TYPICAL RAMP KERB

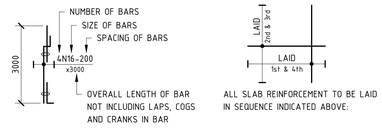
SCALE 1 : 20 @ B1

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

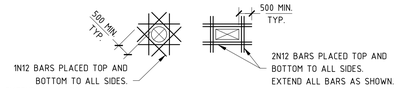
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

REINFORCEMENT NOTES

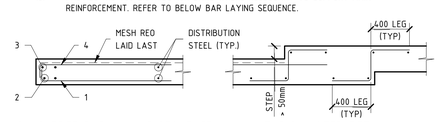
1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS, GRADE 500N
2. ALL BARS DENOTED AS 'R' (eg. R10) SHALL BE ROUND BARS. GRADE 250N
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS, GRADE 500N
4. ALL REINFORCEMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



6. ▶ DENOTES PAN REINFORCEMENT REQUIRED. REFER TO S002 FOR SIZE AND LAYOUT OMITTED FROM PLAN FOR CLARITY PURPOSES.
7. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
8. REFER TO TYPICAL STEP DOWN DETAILS FOR ADDITIONAL REINFORCEMENT N.S.O.P.
9. CONSTRUCTION MESH REQUIRED IN BEAM OR SLAB DEPTHS GREATER THAN 300mm IS NOT TO BE ACCOUNTED FOR AS PART OF THE PT DESIGN
10. ▨ DENOTES SL82 MESH TOP ADDITIONAL TO ALL EXTERNAL AREAS U.N.O.
11. DENOTES BAR COUPLERS TO BE USED AT TEMPORARY HOIST AND CRANE PENETRATION LOCATIONS.
12. PROVIDE TRIMMER BAR REINFORCEMENT ONLY WHERE A PENETRATION IS GREATER THAN 300mm x 300mm AND UP TO AND INCLUDING 900mm x 900mm. SUCH PENETRATIONS SHALL HAVE THE FOLLOWING MIMIMUM REINFORCEMENT SHOWN BELOW



13. PROVIDE N12-900 DISTRIBUTION BARS WHERE NECESSARY TO SUPPORT MAIN REINFORCEMENT. REFER TO BELOW BAR LAYING SEQUENCE.



SLAB EDGE BAR LAYING SEQUENCE

TYPICAL STEP DETAIL

NOTE: NUMBERS DENOTE LAYOUT SEQUENCE

SLAB LEVEL	COVERS (mm)		
	BOTTOM	TOP	SIDE
SUSPENDED RAMP	30	20	20

BAR LAP & ANCHORAGE

BAR	LAP LENGTH	
	WHERE CONC. BELOW BAR IS LESS THAN OR EQUAL TO 300	WHERE CONC. BELOW BAR IS GREATER THAN 300
N12	500	700
N16	700	900
N20	900	1200
N24	1100	1500
N28	1400	1800
N32	1600	2100
N36	1800	2300

NOTE:
ALL LAPS TO BE CONTACT SPLICES

LEVELS NOTE:
LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE ARCHITECT.

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMDED BY
E	REVISED AS CLOUDED	DS	16.11.2021	GC
D	REVISED AS CLOUDED	DS	28.10.2021	SS
C	REVISED AS CLOUDED	DS	22.10.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
RAMP REINFORCEMENT & DETAILS

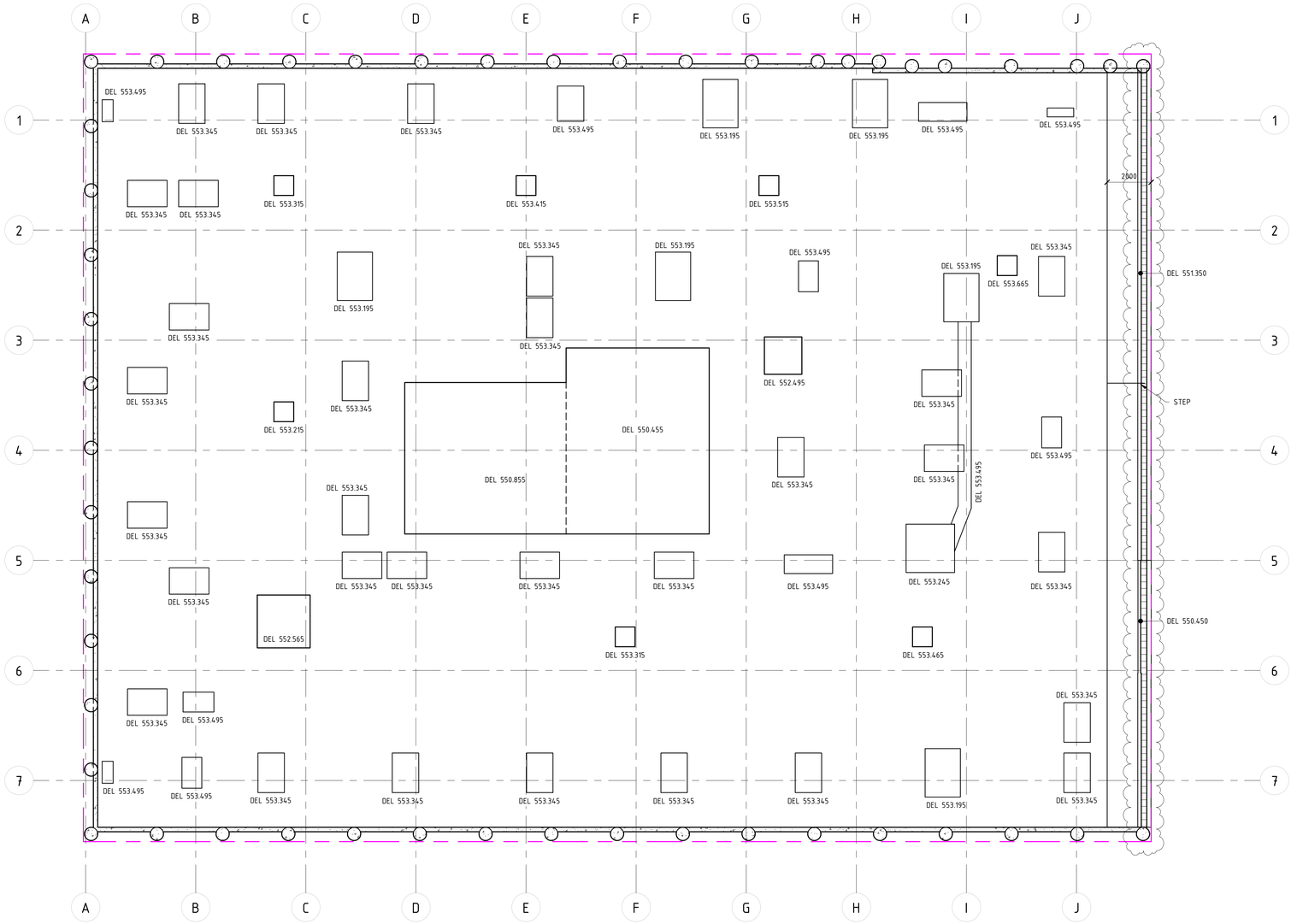
NORTH POINT

PROJECT No. 7774

DRAWING No. E081

AMDT E

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



DETAILED EXCAVATION MARKING PLAN

SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	28.10.2021	SS
E	REVISED AS CLOUDED	DS	22.10.2021	GC
D	REVISED AS CLOUDED	DS	19.10.2021	GC
C	REVISED AS CLOUDED	DS	01.10.2021	GC
B	REVISED AS CLOUDED	DS	30.09.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	24.09.2021	GC
1	ISSUED FOR TENDER	MM	13.04.2021	GC

ARCHITECT / BUILDING DESIGNER

FENDER KATSALIDIS

CLIENT

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

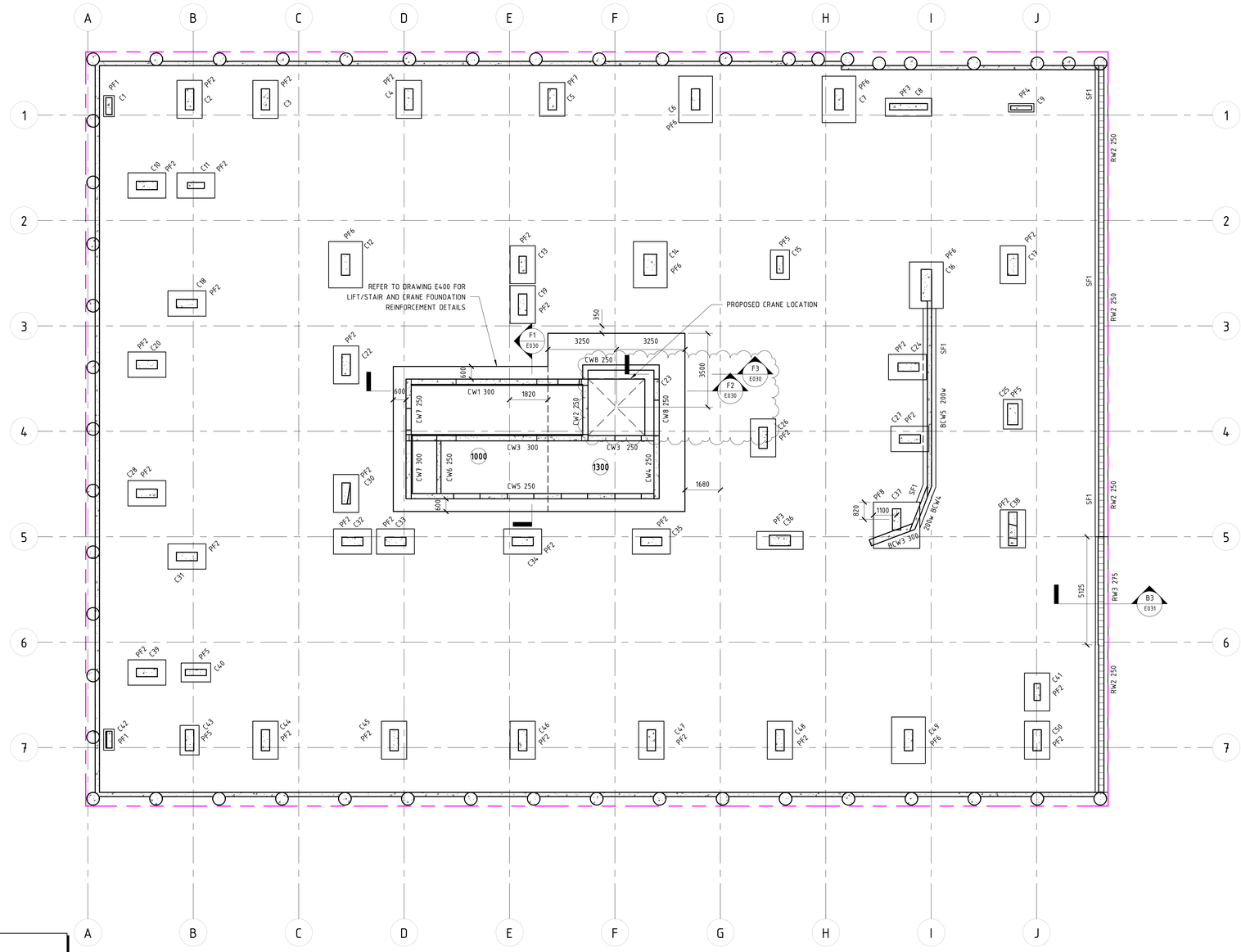
DRAWING TITLE
DETAILED EXCAVATION MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E103

AMDT F



FOOTING MARKING PLAN

SCALE 1 : 100 @ B1

FOOTING NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. FOR ALLOWABLE BEARING PRESSURE REFER TO FOOTING SCHEDULE
3. BUILDER TO CONFIRM ALL TOP OF FOOTING LEVELS WITH ARCHITECT PRIOR TO CONSTRUCTION
4. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL CONCRETE COLUMNS TO BE INSTALLED CENTRALLY ON FOOTINGS U.N.O.
6. REFER TO DRAWING E030 FOR SECTIONS AND REINFORCEMENT DETAILS
7. VERIFY FOOTINGS TO BE INSTALLED BELOW ZONE OF INFLUENCE
8. FOOTINGS TAKE PRECEDENCE OVER HYDRAULIC & MECHANICAL SERVICES
9. REFER TO DRAWING E005 FOR COLUMN SCHEDULE

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
TANKS - REFER TO DRAWING E620 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS
STARTER BARS DETAILS - REFER TO DRAWING E018 FOR DETAILS

EXTERNAL REFERENCES
THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING:	FENDER KATSALIDIS /19125 - A1098 - CONCRETE PROFILE REV - H

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG SIZE
PAD FOOTINGS	40MPa	20
STRIP FOOTINGS	40MPa	20
CORE PAD FOOTING	40MPa	20

ELEMENT	TOP CLEAR COVER	BOTTOM CLEAR COVER	SIDE CLEAR COVER
PAD FOOTINGS	50	50	50
STRIP FOOTINGS	50	50	50

COLUMN BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (90°)
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440

NOTE: FOUNDING MATERIAL IS TO BE INSPECTED BY THE PROJECT GEOTECHNICAL ENGINEER TO VERIFY THE BEARING CAPACITY PRIOR TO THE PLACEMENT OF ANY REINFORCEMENT OR CONCRETE.

REFER TO DOUGLAS PARTNERS GEOTECHNICAL INVESTIGATION REPORT FOR:
PROPOSED MERITON SUITES CANBERRA
BLOCK 4 SECTION 12, CANBERRA CITY

PROJECT 94370.00 DECEMBER 2019
DOCUMENT NO: R.001 REV0

LEGEND

- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES PRECAST WALL OVER
- DENOTES LOCATION OF SITE BOUNDARY

FOOTING SCHEDULE - 2500kPa

MARK	MEMBER SIZE	REINFORCEMENT
PF1	1000L x 500W x 600D	N16-200 E/W BTM
PF2	1800L x 1800W x 800D	15N20 E/W BTM
PF3	2400L x 1600W x 850D	N20-150 E/W BTM
PF4	1200L x 400W x 600D	N20-200 E/W BTM
PF5	1400L x 900W x 600D	N20-200 E/W BTM
PF6	2600L x 2100W x 900D	N24-150 E/W BTM
PF7	2000L x 1500W x 650D	N20-175 E/W BTM
PF8	2500L x 2500W x 900D	N24-150 E/W BTM
SF1	600W x 600D	3N20 TOP & BTM + N12-250 CLOSED TIES

FOOTING SCHEDULE - 5000kPa

MARK	MEMBER SIZE	REINFORCEMENT
PF1	1000L x 500W x 600D	N16-200 E/W BTM
PF2	1800L x 1200W x 750D	N20-170 E/W BTM
PF3	2200L x 850W x 600D	N20-220 E/W BTM
PF4	1200L x 400W x 600D	N20-220 E/W BTM
PF5	1400L x 900W x 600D	N20-220 E/W BTM
PF6	2200L x 1600W x 900D	N24-150 E/W BTM
PF7	1600L x 900W x 600D	N20-200 E/W BTM
PF8	2200L x 2200W x 850D	N24-150 E/W BTM
SF1	600W x 600D	3N20 TOP & BTM + N12-250 CLOSED TIES

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
N	REVISED AS CLOUDED	DS	04.11.2021	GC
M	REVISED AS CLOUDED	DS	03.11.2021	GC
L	REVISED AS CLOUDED	DS	02.11.2021	GC
K	REVISED AS CLOUDED	DS	28.10.2021	SS
J	REVISED AS CLOUDED	DS	22.10.2021	GC
I	REVISED AS CLOUDED	DS	30.09.2021	GC
H	REVISED AS CLOUDED	DS	24.09.2021	GC
G	REVISED AS CLOUDED	DS	10.09.2021	GC
F	REVISED AS CLOUDED	DS	17.08.2021	GC
E	REVISED AS CLOUDED	MM	19.07.2021	GC
D	RE-ISSUED FOR CONSTRUCTION	MM	06.07.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
FOOTING MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E200

AMDT N

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211079
Block 4 Section 12
City

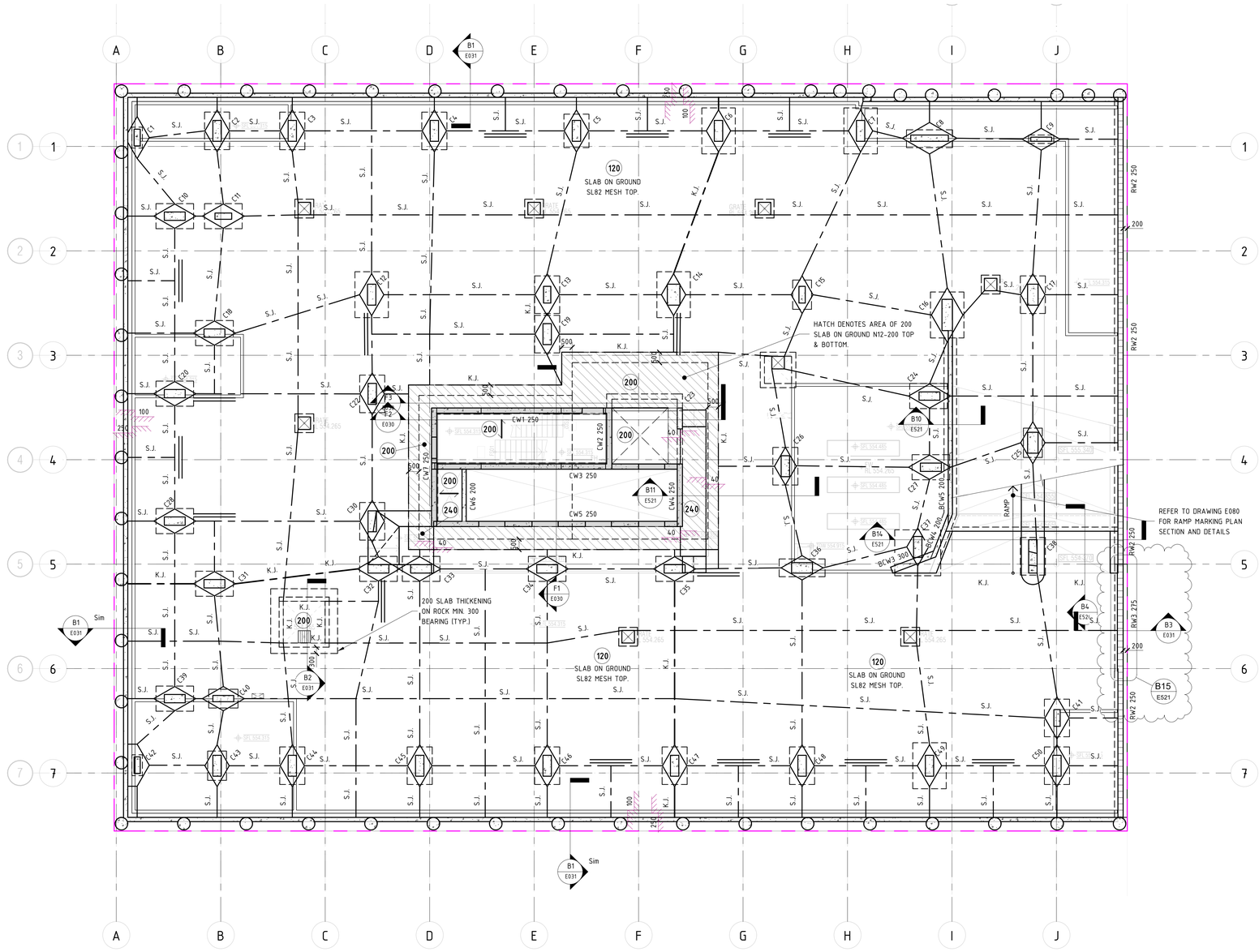
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE
SLAB ON GROUND	32MPa	20

NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- 100 — DENOTES SLAB THICKNESS OVERALL U.N.O
- S.O.G. — DENOTES SLAB ON GROUND
- S.J. — DENOTES SAW CUT JOINT IN SLAB
- K.J. — DENOTES KEY JOINT IN SLAB
- DENOTES 2/N12 TRIMMER BARS 2000 LONG
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES PRECAST WALL OVER
- SU — DENOTES SUMP
- DENOTES ISOLATION JOINT IN DIAMOND FORMATION
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES MASS CONCRETE AREA OF RAMP
- DENOTES RAMP GRATED DRAIN - REFER TYPICAL DETAIL



NOTE:
FOR EXTENT OF STORMWATER AND HYDRULIC PITS, PUMPOUT PITS, DRAINAGE LINES AND SPOON DRAINS REFER TO HYDRAULIC CONSULTANTS DRAWINGS.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

SLAB ON GROUND REINFORCEMENT:
- 120 THICK SLAB ON GROUND 1 LAYER SL82 MESH, TOP, 30 COVER
- 200 THICK SLAB ON GROUND N12-200 EW, TOP AND BOTTOM, 40 COVER

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE	
WALL LEVEL	COVERS TO REINFORCEMENT
BASEMENT - GROUND	30mm
SUBSTATION	40mm
L1 - ROOF	20mm

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
RAMP DRAWINGS - REFER TO DRAWINGS E080 & E081 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1098 - CONCRETE PROFILE REV - H

BASEMENT P2 MARKING PLAN

SCALE 1 : 100 @ B1

SLAB ON GROUND NOTES:
1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
4. WATERPROOFING MEMBRANE/TANKING BY OTHERS
5. REFER TO DRAWING E031 FOR SLAB ON GROUND SECTIONS AND DETAILS
6. PROVIDE TRIMMER BARS AROUND ALL PENETRATIONS, COLUMNS, JOINT INTERSECTIONS & RE-ENTRANT CORNERS. ALL TRIMMER BARS TO BE LAID UNDER TOP REINFORCEMENT
7. ALL FALLS TO ARCHITECTS DETAILS
8. JOINTS (S.J. & K.J.) MAY BE ALTERED TO SUIT CONSTRUCTION POUR SEQUENCE. ADVISE INDESCO OF PROPOSED CHANGES PRIOR TO POUR COMMENCING
9. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
10. REFER TO DRAWING E031 FOR SLAB ON GROUND DETAILS
11. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
N	REVISED AS CLOUDED	DS	17.11.2021	GC
M	REVISED AS CLOUDED	DS	04.11.2021	GC
L	REVISED AS CLOUDED	DS	28.10.2021	SS
K	REVISED AS CLOUDED	DS	22.10.2021	GC
J	REVISED AS CLOUDED	DS	21.10.2021	GC
I	REVISED AS CLOUDED	DS	30.09.2021	GC
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F	REVISED AS CLOUDED	DS	17.08.2021	GC
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D	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT 2 MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E201

AMDT N

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 21-679
Block 4 Section 12
City

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80

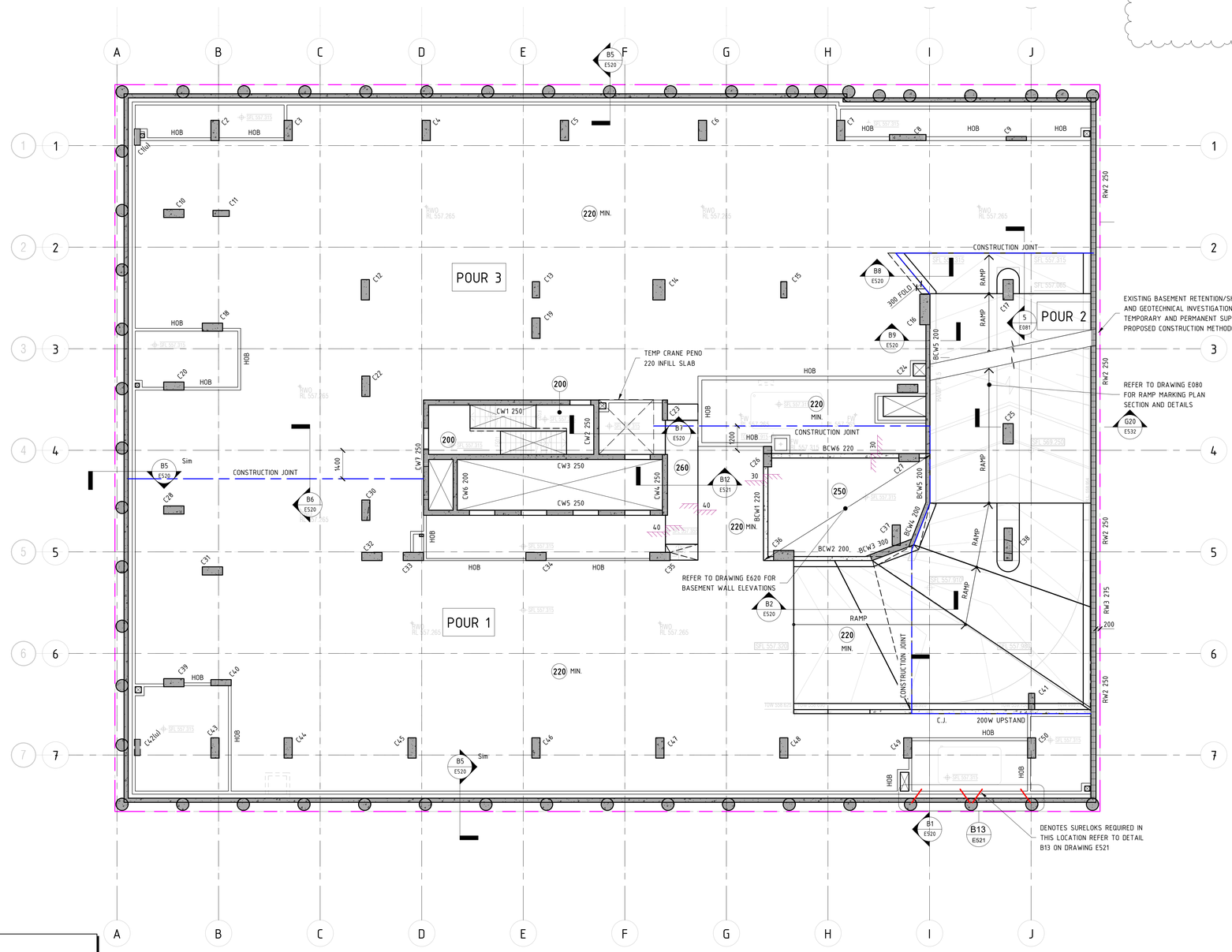
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



BASEMENT P1 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
TANKS - REFER TO DRAWING E620 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS
STARTER BARS DETAILS - REFER TO DRAWING E018 FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1099 - CONCRETE PROFILE REV - G

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
K	REVISED AS CLOUDED	DS	16.11.2021	GC
J	REVISED AS CLOUDED	DS	28.10.2021	SS
I	REVISED AS CLOUDED	DS	22.10.2021	GC
H	REVISED AS CLOUDED	DS	13.10.2021	AL
G	REVISED AS CLOUDED	DS	30.09.2021	GC
F	ISSUED FOR CONSTRUCTION	DS	10.09.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
B	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
A	ISSUED FOR CONSTRUCTION CERTIFICATE	MM	23.04.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT 1 MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E202

AMDT K

BCA certifiers
ABN: 56 118 759 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12 City

NORTHROP

DILAPIDATION REPORT (ADDITIONAL BUILDING)

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Work

20 Allara Street Basement (Adjacent Building – Currently Being Completed)

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC03
Rev: 1.0
Date: 9 February 2021

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09 March 2022
BCS 211679
Block 4 Section 12 City

Asset Defect Inspection Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
09/02/2021	1.0	Report	N.Grinter	D.Field

Northrop Consulting Engineers Pty Ltd

ACN 064 775 088 | ABN 81 094 433 100

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SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
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BCS 211679
Block 4 Section 12 City

1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Existing Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report for the ground floor and basement (no other floors were inspected) of the recently redeveloped 20 Allara Street.

Morris Property Group were provided the scope of the Existing Asset Defect Inspection prior to providing a confirmed time and date of inspection.

The asset defect inspection occurred on 10 December, 2020 in the morning. Mitchel Smith was present from Morris Property Group and met with Nicholas Grinter from Northrop Consulting Engineers. At the date of inspection, the structure of 20 Allara Street had been constructed and final completion works were being completed.

The asset defect inspection covered a section of 20 Allara Street, namely:

- The ground floor within approximately 10m of the block boundary to 40 Allara Street; and
- All basement levels for parking within approximately 10m of the block boundary to 40 Allara Street.

Only visual observations have been recorded as part of these works.

The approximate bounds of the asset defect inspection are defined by the red outline as per Figure 1.

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below with some defects being common amongst areas and only recorded once in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage has been supplied with this report.

A summary of the videos include:

- Ground Floor – File VID20201210094237 reference to be taken from footage of outside area;

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- Basement Level 1 – File VID20201210093513 video starts near Allara Street looking at the central core and finishes in the corner adjacent Allara Street at the South of the block and VID20201210093607 starts near the stormwater tank and continues along the Southern boundary of the block;
- Basement Level 2 – File VID20201210092315 – starts near the corner adjacent Allara Street at the South of the block and continues along the Southern boundary of the block;
- Basement Level 3 – File VID20201210091342 – the corner adjacent Allara Street at the South of the block and File VID20201210091536 the corner adjacent Rabaul Lane at the South of the block and continues along the Southern boundary.

Weather conditions at the time of inspection indicated rain had been recorded to fall at both the Canberra (Australian Botanic Gardens) and Canberra Parliament House in the week leading up to the inspection as summarised by the following (full rainfall data can be found on the Australian Government Bureau of Meteorology website):

- Canberra (Australian Botanic Gardens)
  - 11.2mm rainfall recorded on 06/12/2020; and
  - 0.5mm rainfall recorded on 08/12/2020;
- Canberra Parliament House;
  - 10mm rainfall recorded on 06/12/2020.

Limitations to this report include:

- Internals to service pits, manholes, sumps and the like have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. Elevated surfaces have been captured from the closest and safest location possible;
- Defects not identified within the inspection date have not been recorded;
- Only surface conditions have been noted in this report, no none-surface conditions were visible during the inspections;
- Mitchel from Morris Property Group provided commentary on some of the items identified however did not provide written confirmation on the defects identified; and
- Defects and observations have been noted in this report as identified by Northrop at the time of inspection.

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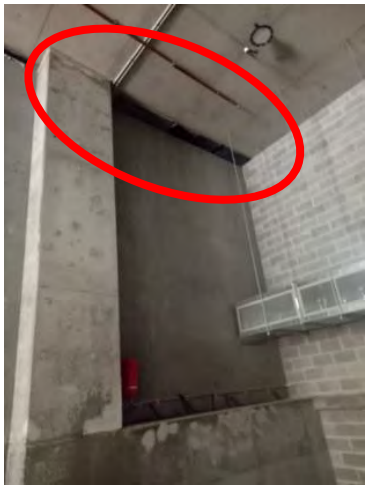
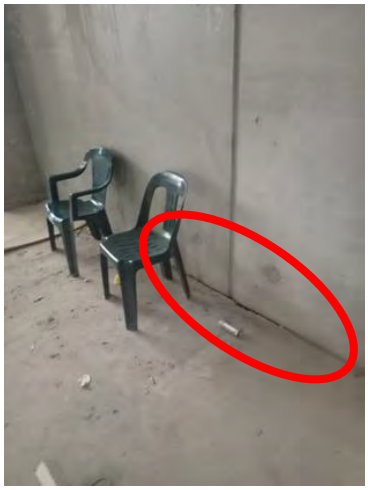
2. Photos

2.1 Ground Floor

Table 1 contains photos of observations of the Ground Floor up to the position of the first major wall as identified in the video.

Table 1 Ground Floor

Location	Description	Photo
G.1	Possible water proofing material/sealant between top of wall and soffit of next floor's slab	
G.2	Void between wall adjacent boundary of 40 Allara Street block and ground floor slab	

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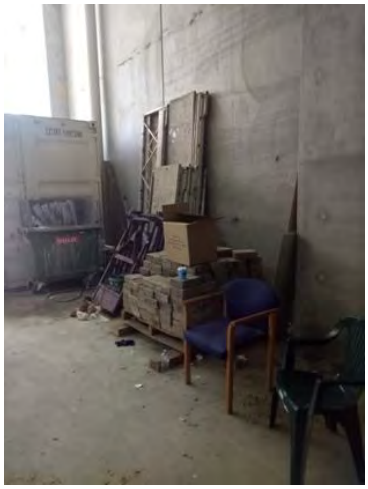
G.3	Noticeable line through concrete/likely pour break on ground floor slab	
G.4	Construction materials obstructing views of works (example of various areas over inspected section)	
G.5	Separation of the two adjacent walls of 20 Allara Street and 40 Allara Street along block boundary taken from Allara Street	

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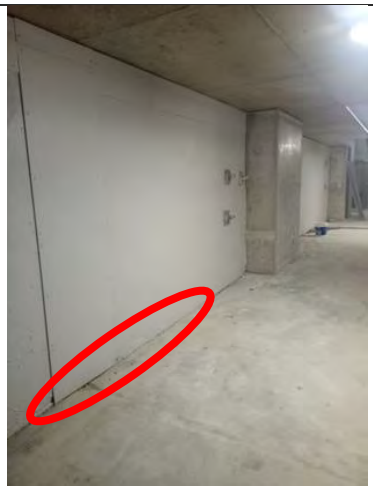
2.2 Basement Level 1

Table 2 contains photos of defects and other items observed at the Basement Level 1 up to the position of the lift shaft as identified in the video.

Table 2 Basement Level 1

Location	Description	Photo
1.1	Wall adjacent Allara Street near 40 Allara Street and surrounding area poorly finished	
1.2	Water/leakage observed at drainage infrastructure and wall	
1.3	Void at wall and basement level 1 slab	

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1.4	Noticeable line through concrete/likely pour break on basement level 1 slab	
1.5	Condition of a column	

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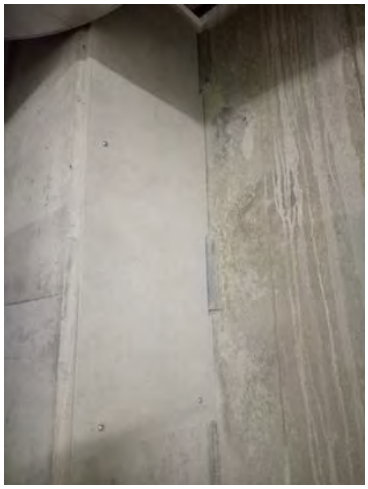
2.3 Basement Level 2

Table 3 contains photos of defects and other items observed at the Basement Level 2 up to the position of the lift shaft as identified in the video.

Table 3 Basement Level 2

Location	Description	Photo
2.1	Sheet covering column face fixed to column	
2.2	Void between wall and basement level 2 slab/column	

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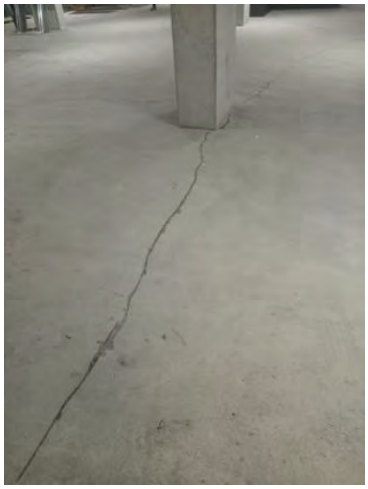
2.3	Condition of concrete column against wall adjacent Southern boundary	
2.4	Crack on Basement Level 2 Slab	
2.5	Presence of water	

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2.6 Hairline cracking in the slab at a column

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BCS 211679
Block 4 Section 12 City

2.4 Basement Level 3

Table 4 contains photos of defects and other items observed at the Basement Level 3 up to the position of the lift shaft as identified in the video.

Table 4 Basement Level 3

Location	Description	Photo
3.1	Cracking at slab soffit adjacent column	
3.2	Concrete spalling/damage to column	

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09 March 2022
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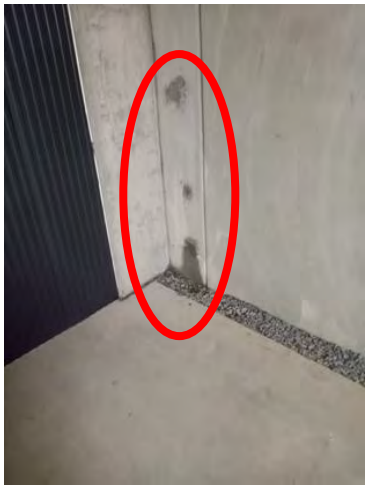
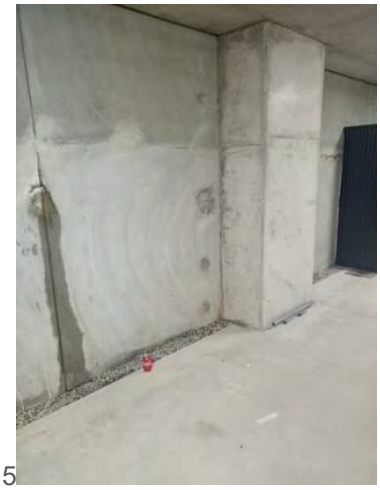
3.3 Moisture observed



3.4 Moisture observed



5

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3. Summary

Northrop Consulting Engineers completed an Existing Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report for the ground floor and basement.

The observations were complete on the ground floor and basement levels up to approximately 10m into the building.

Michel Smith from Morris Property Group and Nicholas Grinter from Northrop Consulting Engineers attended the Existing Asset Defect Inspection on the morning of 10 December 2020.

The report contains a selection of photos with corresponding descriptions. The report has been supplied with additional photos and video footage.

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12 City

NORTHROP

DILAPIDATION REPORT

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Works

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC01
Rev: 2.0
Date: 29 October 2020

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12 City

Civil Engineering Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
26/10/2020	1.0	Preliminary Report	N.Grinter	D.Field
29/10/2020	2.0	For Issue	N.Grinter	D.Field

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SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
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Block 4 Section 12 City

1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report.

The asset defect inspection was to cover a section of:

- Rabaul Lane;
- Nangari Street; and
- Allara Street.

The bounds of the asset defect inspection are as per Figure 1.

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below noting some defects were common amongst areas.

The asset defect inspection occurred 20 October, 2020. During the inspection, it was noted there was construction works occurring at Block 13, Section 11 City and Block 18, Section 12 City. These works had construction activities occurring within the verge adjacent the block and within close proximity to the block and hence, defects in these areas and up to 1m off the works fence are not covered in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage of the area is also available at request.

Limitations to this report include:

- Internals to service pits, manholes and sumps have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. As the area is open to traffic and parked cars, defects in these areas have not been captured;
- Defects beyond the inspection date and time (20 October, 2020 – 11:50am) have not been recorded;
- Defects are located as an approximate location on the defect locality plan only; and
- Defects have been noted in this report as identified by Northrop at the time of inspection. Photography and video footage have been supplied with this report.

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Block 4 Section 12 City

2. Photos

2.1 Block 6, Section 12 City

Table 1 contains photos of defects from the structure at Block 6, Section 12 City.

Table 1 Block 6, Section 12 Structure

Location	Description	Photo
1	Chipped tile, tiles not flush with ground	
2	Discolouration of beam	

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09 March 2022
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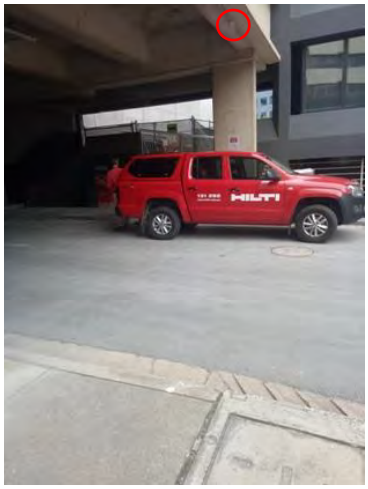
3	Discolouration of beam	
4	Spalling of concrete at base and on edge of column	
5	Cracking of concrete at base of column	

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2.2 Rabaul Lane

Table 2 contains photos of defects from Rabaul Lane (within the scope of the works) including the road and verge either side of the road.

Table 2 Rabaul Lane

Location	Description	Photo
6	Crack in concrete pavement, cracking and damage to pavers and concrete surrounding the surround, cracked lids, spalling of lids, spalling of kerb either side of sump, cracking and spalling of kerb and gutter It is evident that cracking and spalling of the kerb and gutter is consistent along the extents of Rabaul Lane. Further photos will not be provided of this defect however they will be accessible if required	
7	Asphalt works inbetween surround and pavers	
8	Pot hole in asphalt, cracks in OCI, cracking of asphalt, finish between concrete and asphalt interfaces not flush in the horizontal plane	

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9	Pot hole on road (different to that identified in Location 8)	
10	Cracking and spalling of concrete pavement (noted along extents of this section of footpath along Rabaul Lane)	
11	Discolouration of kerb (noted along extents of Rabaul Lane in selected areas)	

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City

12	Sump surround cracked (it is noted the photo showing the front of the sump shows the sump in poor condition)	
13	Subsidence of pavers, cracked pavers, infill in lieu of pavers	
14	Line marking cracked (representative of line marking for whole extents of Rabaul Lane including stop line and TB1 line marking at entry from Nangari Street), RRPM's not conforming to Icon Water standard drawings	

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15	RRPMs removed from road (extents of road has had RRPMs removed)	
16	Saw cuts in road	
17	Cracking and spalling of concrete	

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City

18	Cracked concrete footpath with spalling evident (noted to be along the length of Rabaul Lane's South Eastern verge), saw cuts beyond asphalt fill of surround, minor damage to pit lids on edges/corners	
19	Possible existing concrete patching, FH marker on building rather than kerb, asphalt fill in place to address change in height between panels	
20	Rusted Lids and surround, cracked lid	

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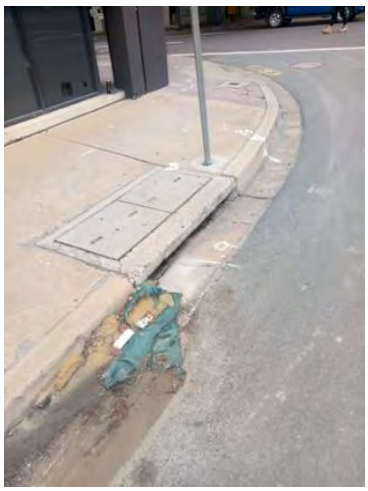
21	Kerb and gutter built around manhole, manhole side exposed	
22	Patched concrete kerb	
23	Cracks in sump lid and surround, cracking at throat of sump, damage to interface of sump surround and concrete footpath	

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Block 4 Section 12 City

24	Subsidence of pavers, damage to SV surround	

2.3 Overhead Pedestrian Bridge between Block 4, Section 12 City and Block 12, Section 11 City

No defects were visibly identified from road level in relation to the overhead pedestrian bridge between Block 4, Section 12 City and Block 12, Section 11 City.

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2.4 Nangari Street

Table 3 contains photos of defects from Nangari Street (within the scope of the works) including the road and verge either side of the road.

Table 3 Nangari Street

Location	Description	Photo
25	Cracked and spalling kerb and gutter with extensive damage in location shown (condition of kerb and gutter is consistent across Nangari Street with multiple locations showing cracking and spalling and damage, this photo is representative of those conditions), damage to edge of concrete lid	
26	Pavers not providing flush interfacing around tree, paver colour varies in location	
27	Cracking of asphalt noted to be along extents of road both in the direction of and perpendicular to the general path of by vehicles travel as well as around manhole lid	

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28	Tyre markings on pram ramp, neat saw cut adjacent to kerb and gutter, worn “look” line marking, worn green bicycle line marking and TB1 line marking (consistent for extent of bicycle crossing)	
29	Cracked and spalling pavers – it is noted this was consistent across all surfaces within the area of interest where this style of paver is used	
30	Rusted manhole lid and surround	

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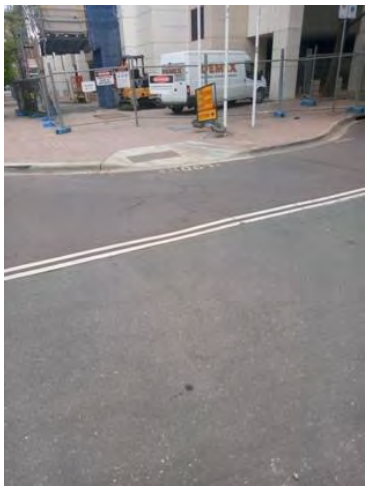
31	Cracking and deterioration of bicycle line marking which is consistent at any joints/cracking/other key features of line marking, general deterioration of TB1 line marking across Nangari Street	
32	Saw cut and patched section of asphalt, asphalt relayed at kerb	
33	Crocodile cracking present	

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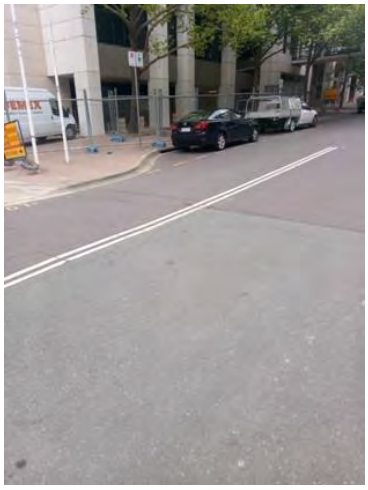
34	Cracking at asphalt surfaces interface	
35	RRPM missing	
36	Icon water fire hydrant RRMPs missing	

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37	Lids damaged on edges and at lifting locations, subsidence of pavers	
38	Lid rusted	
39	Random clusters of pavers replaced, give way sign not aligned straight vertically	

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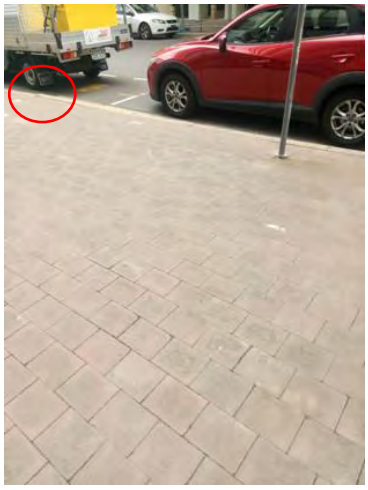
40	Kerb lifted	
41	Fire Hydrant marker on top of kerb	
42	Cracking and spalling of hydrant surround	

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43	Deterioration of line marking (assessed as consistent of line marking for parking space delineation along Nangari Street), graffiti on street light column, existing pole cut at base	
44	Existing pole cut at base	
45	Dirty coloured paving suggesting subsidence, rusted manhole lid and surround, water marker on pram ramp, discolouration of selected pavers	

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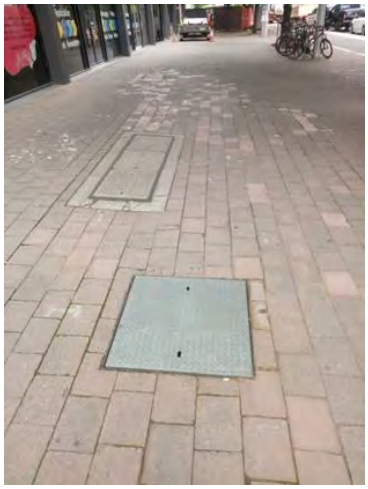
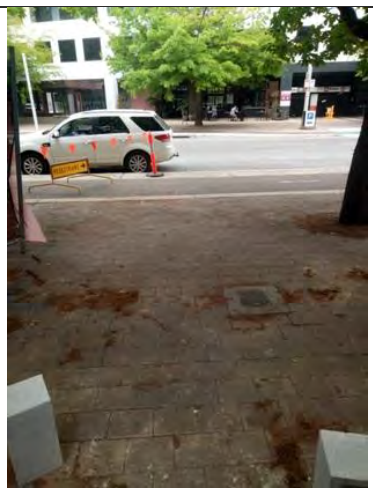
2.5 Allara Street

Table 4 contains photos of defects from Nangari Street (within the scope of the works) including the road and verge either side of the road.

Table 4 Allara Street

Location	Description	Photo
46	Pavers cracked and spalling, uneven different colour pavers visible (paver condition same for extents of paving), cracking of concrete surround for lid, damage to edges and lifting points of TranACT lids	
47	Condition of lid noting it is Class A	
48	Condition of hydrant and surround	

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49	Extent of construction worksite (North side of tree)	
50	Metal cover not sitting flush, concrete surround showing damaged edges	
51	Raised pavers around tree (noticeable at trees in verge either side of Allara Street)	

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52	General condition of line marking similar to the full extents of Allara Street, fire hydrant marker on top of kerb, RRPMs for hydrant missing	
53	Sediment build up	
54	Level difference between concrete and paver	

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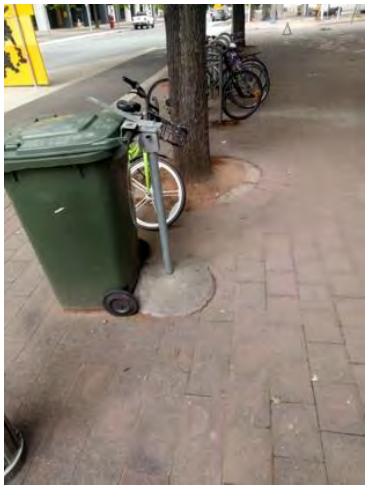
55	Difference in level between pavers and flush kerb (same conditions seen across extents of flush kerb)	
56	Edge of concrete base for bin holder damaged, concrete in tree surround cracked with edges damaged	
57	Graffiti on streetlight column, sign brace not in line with sign	

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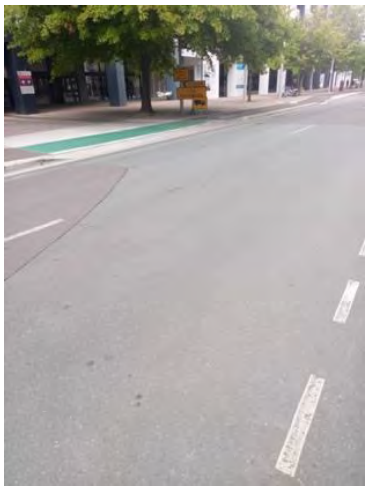
58	Crack in stormwater kerb inlet connection to kerb, asphalt interface from previous works, cracking in asphalt (noted to occur in multiple photos on file)	
59	Irregular finish to edge of concrete and asphalt	
60	Cracking of asphalt along Allara Street (noted in multiple locations other than photo shown)	

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61	Spalling concrete along edge of panel	
62	Cracks in concrete	
63	Spalling of concrete flush kerb, general condition of asphalt/concrete interface	

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64	Line marking worn, gap in green bicycle line marking, pot hole in asphalt	
65	Extent of base of tree showing paving surround lifted and existing concrete	
66	Damage to edge of sump lid, general damage and cracking to pavers which is common for the type of paver on the South Eastern side of Allara Street, spalling of flush kerb and manhole lid	

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67 Crack in concrete flush kerb

68 Spalling of concrete

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3. Defect Locality Map

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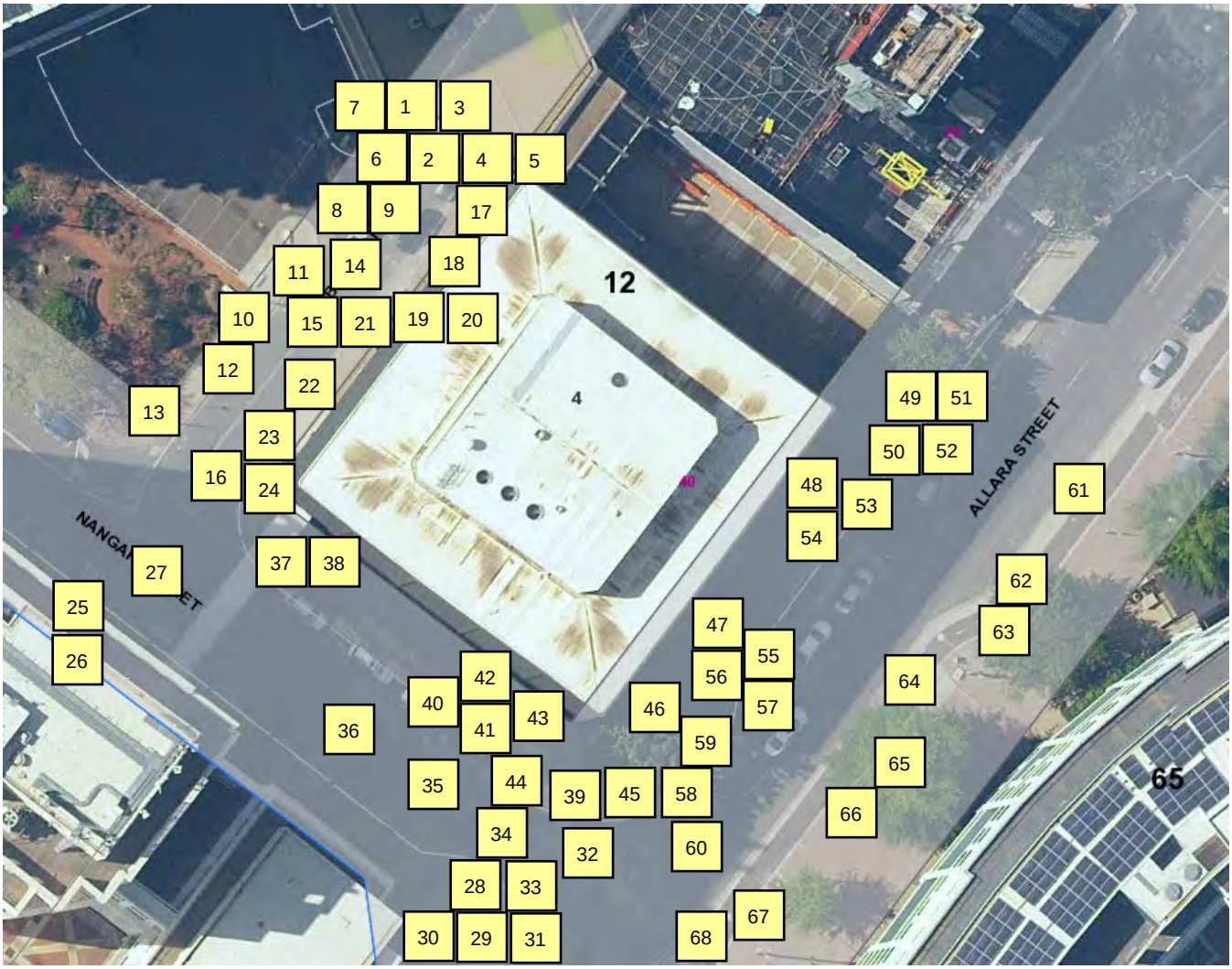

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NORTHROP

DILAPIDATION REPORT

Meriton 40 Allara Street Canberra

Preconstruction Asset Defect Inspection Works

Surrounding Buildings

PREPARED FOR
Senior Operations Project Manager
Meriton Group
Level 11, Meriton Tower
528 Kent Street
Sydney NSW 2000

Ref: CR193036-05_EC02
Rev: 1.0
Date: 25 November 2020

BCA certifiers
ABN: 56 118 755 734
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Civil Engineering Report:

Revision Schedule

Date	Revision	Issue	Prepared By	Approved By
25/11/2020	1.0	Preliminary Report	N.Grinter	W.Bassanelli

Northrop Consulting Engineers Pty Ltd

ACN 064 775 088 | ABN 81 094 433 100

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1. Condition Inspection

Northrop Consulting Engineers have been engaged by Meriton Group to undertake an Asset Defect Inspection and complete a Preconstruction Asset Defect Inspection Report.

The asset defect inspection was to cover a section of:

- Block 6, Section 12 City – the building above Rabaul Lane;
- Block 18, Section 12 City – the Morris Property Development at 20 Allara Street; and
- Block 12 and 13, Section 11 City – 5 Constitution Avenue and 48 – 56 Allara Street which are within the possible works zone for the bridge demolition works.

The approximate bounds of the asset defect inspection are defined by the red outline as per Figure 1.

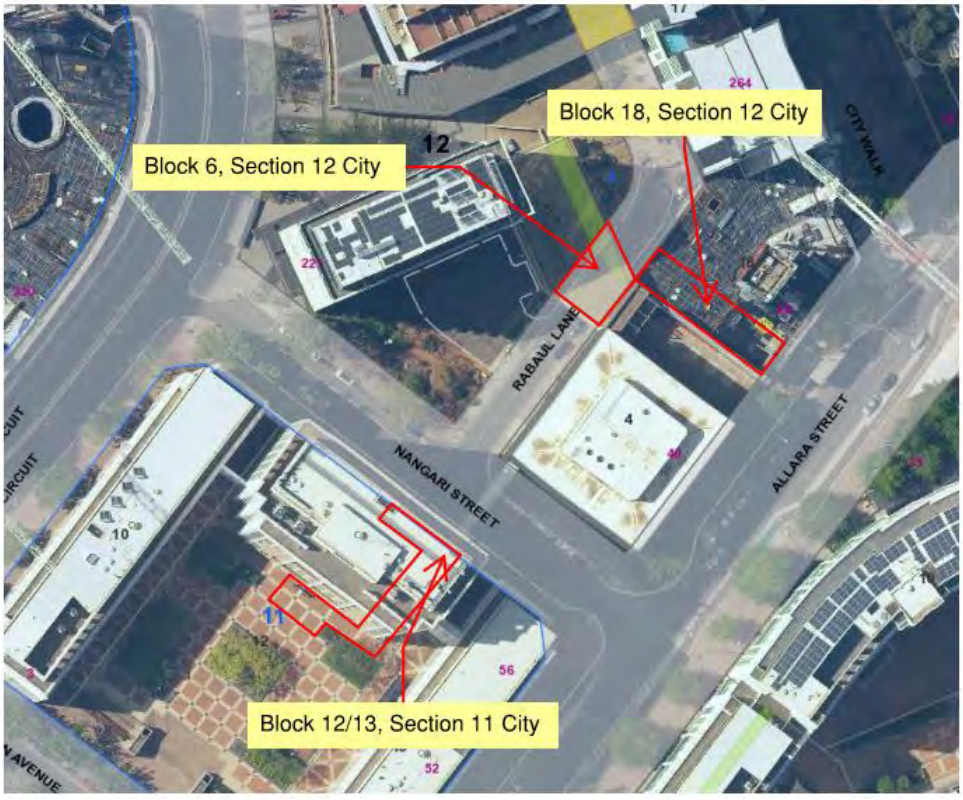

Figure 1 Bounds of Asset Defect Inspection

Defects identified have been outlined below, note some defects were common amongst areas.

The asset defect inspections of areas occurred 19 – 23 November, 2020. During the inspection, it was noted there was construction works occurring at Blocks 13, Section 11 City and Block 18, Section 12 City. These works had construction activities occurring within the verge adjacent the block and within close proximity to the block in publicly accessible space and hence, defects in these areas and up to 1m off the works fence may not be covered in this report.

A selection of photos has been included in the report. Northrop Consulting Engineers have more photos available of the area. All photos are available in full size. Video footage of the areas inspected is also available at request and has been supplied with this report.

Limitations to this report include:

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- Internals to service pits, manholes, sumps and the like have not been reviewed. Only conditions of the surface of pits, manholes and sumps have been reviewed;
- Surface areas available for view. Elevated surfaces have been captured from the closest and safest location possible (ground level or from elevated walkways);
- Defects not identified within the inspection dates have not been recorded;
- Defects are located as an approximate location on the defect locality plan only;
- Only surface conditions have been noted in this report, no none-surface conditions were visible during the inspections; and
- Defects have been noted in this report as identified by Northrop at the time of inspection. Photography and video footage have been supplied with this report.

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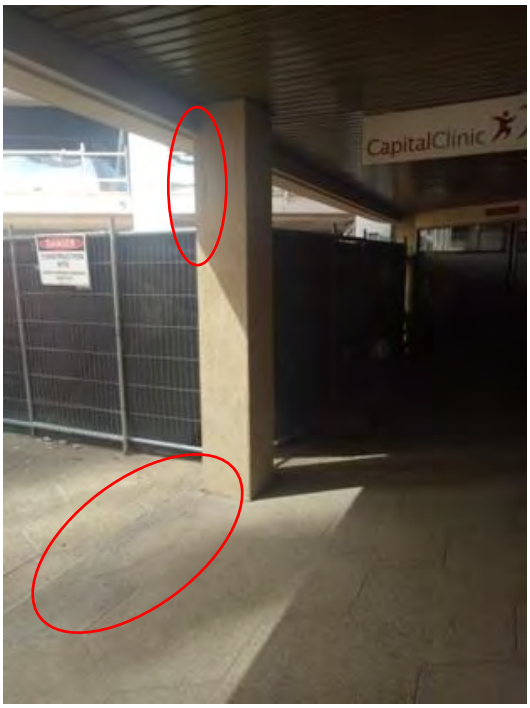
2. Photos

2.1 Block 6, Section 12 City

Table 1 contains photos of defects observed from the structure at Block 6, Section 12 City.

Table 1 Block 6, Section 12 Structure

Location	Description	Photo
1.A.	Cracks in pavers (common across area 1), streaks in column, varying colours of pavers (common across area 1)	
1.B.	Construction waste and rubble along temporary fence	

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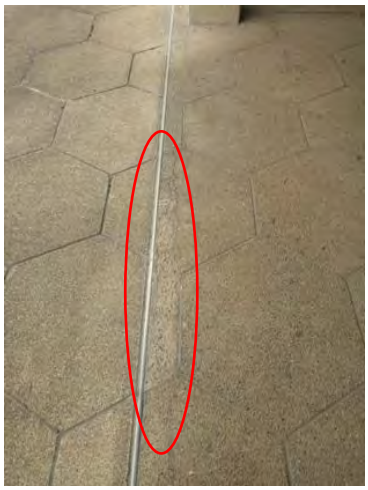
1.C.	Hole in pavement at door	
1.D.	Grout cracked and missing between pavers (common across area 1)	
1.E.	Pavers appear to have been ground to be made flush with surrounding pavers and joint	

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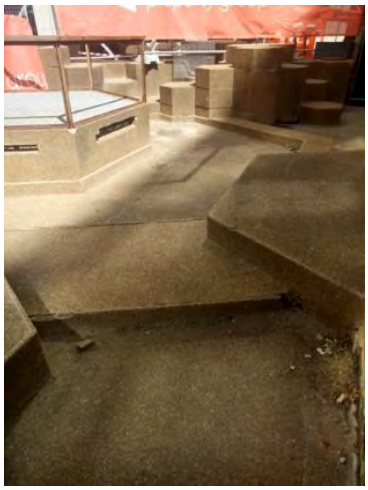
1.F.	Damage to edge of beam (common across area 1)	
1.G.	Dent in roofing (more than 1 occurrence in area 1)	
1.H.	Damage to pavement and structures in open area (up to site of works fence at Block 18, Section 12 City observed only)	

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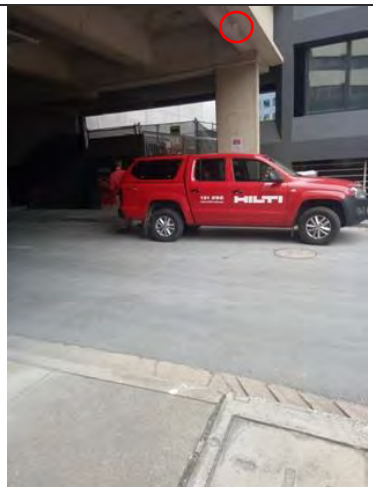
2.A. Discolouration of beam

2.B. Discolouration of beam



2.C. Spalling of concrete at base and on edge of column, cracking of concrete (similar condition along extent of path)

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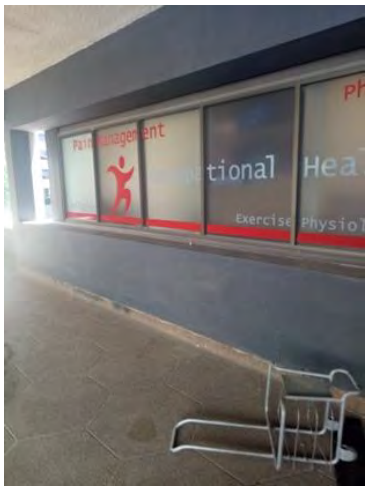
2.D.	Cracking of concrete at base of column, discolouration of column	
3.A.	Note – On first floor above Rabaul Lane, the building is flush with the block of the proposed Meriton Development Northrop Consulting Engineers were invited to access most of the rooms adjacent the works and over Rabaul Lane of the Capital Clinic Physiotherapy by the Practice Manager (Craig Richardson) on 19/11/2020). No defects were identified at the time of inspection. Northrop were able to access the office space above the Capital Clinic Physiotherapy. No defects were identified at the time of inspection.	

It is noted that construction fences were present in the common community area over Rabaul Lane and hence, within or 1m from the construction fences were unable to be reviewed for the purpose of this dilapidation report.

The wall adjacent the second floor of the building over Rabaul lane was not inspected due to access being unavailable from 40 Allara Street. It is recommended this section of the building is checked prior to the commencement of demolition works adjacent the building.

2.2 Block 18, Section 12 City

Block 18, Section 12 City was briefly viewed for the purpose of this report however has not been documented.

The construction works did not allow for sufficient access to the area. Meriton Group are to obtain photos of the area once the Morris Property Group development at 20 Allara Street has vacated 40 Allara Street and prior to the commencement of the 40 Allara Street works. Should the opportunity arise, Meriton Group should also access the 20 Allara Street development and obtain photos of the internals of the structure.

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Onsite, it was discussed with Meriton Group that the capping beam for 20 Allara Street may be within the boundary of 40 Allara Street. Northrop recommends that demolition work to the capping beam for the 20 Allara Street works is in the presence of a representative from Morris Property Group who was involved with the works and capping beam construction. Northrop also recommends that Meriton Group monitor the condition of the Morris Property Group development at 20 Allara Street during the demolition and excavation works – if there are any cracks, spalling of concrete, voids etc in the structure at 20 Allara Street, Meriton Group are to have appropriate procedures in place to record and report this. If there is concern, a suitable qualified engineer should be contacted for advice.

2.3 Block 12 and 13, Section 11 City

Table 2 contains photos of defects from Block 12 and 13, Section 11 City.

Table 2 Rabaul Lane

Location	Description	Photo
4.A.	Cracking of beam either side of bridge to be removed (example photo of cracks in area)	
4.B.	Damage to edge of beams (example photo of damage in area)	

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4.C.	Paint on pipe missing	
5.A.	Crack in structure (across entire structure)	
5.B.	Crack in joint	

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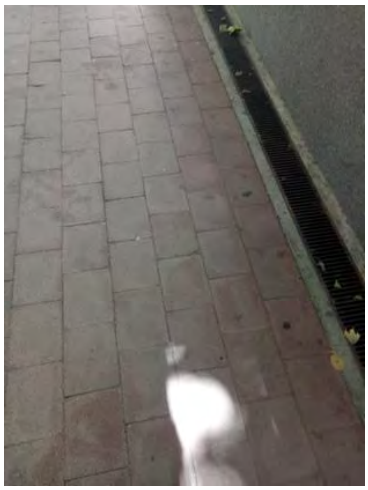
5.C. Damage to pit surround

5.D. Gap between grates

5.E. General condition of pavers – cracking and damage to pavers noted across the entirety of the area



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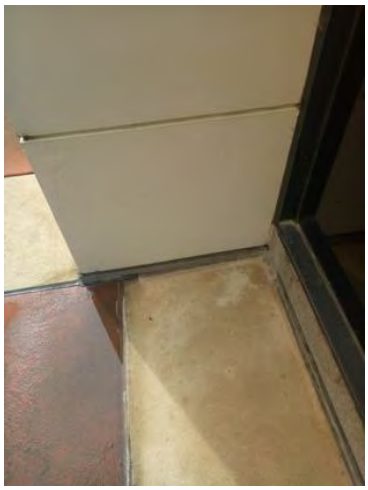
6.A.	Cracking in concrete and pavers (noted to be scattered across the extent of the area)	
6.B.	Uneven surface interfaces (common across entire area)	
6.C.	Note - finish at interface of building and pavement	

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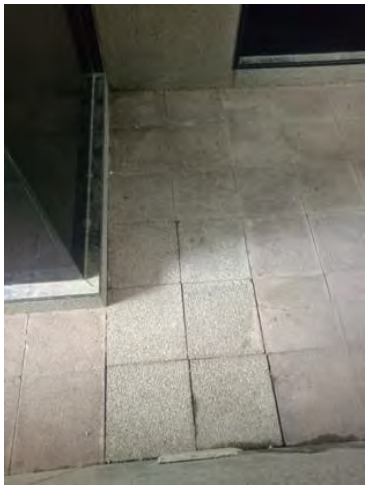
6.D.	General condition of pavers in area – cracking and damage to edges evident	
6.E.	Light appears to be missing/wire hanging from ceiling	
6.F.	Cracking of structure (noted to occur across structure)	

The inspections at Block 12, Section 11 City occurred during the period that works were being undertaken on Block 13, Section 11 City. Due to the works being undertaken on Block 13, areas close to the bridge within the Block 13 construction site were unable to be reviewed. It is recommended once construction has been completed on Block 13, another dilapidation inspection is undertaken by Meriton Group in agreement with the builder for the Block 13 works to confirm site conditions (the site

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conditions are then to be regularly reviewed to during the works and defect liability period to determine if site conditions change.

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3. Defect Locality Map

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LOCATION

MERITON SUITES CANBERRA

40 ALLARA STREET CANBERRA ACT 2061

DISCIPLINE

STRUCTURAL

SUBMISSION TYPE

ISSUED FOR CONSTRUCTION

LOCATION PLAN

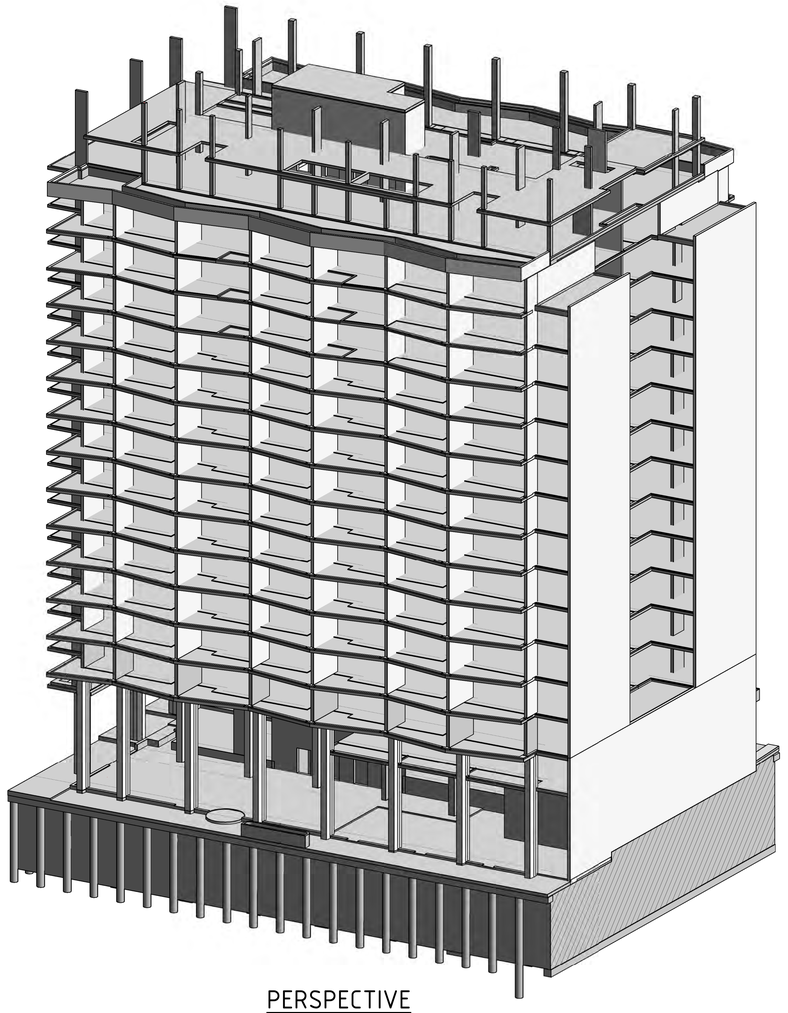
ARCHITECT

FENDER KATSALIDIS

CLIENT

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED

Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777



PERSPECTIVE

DRAWING SCHEDULE

DRAWING SERIES:

E000	-	COVER SHEET, GENERAL NOTES, COLUMN DETAILS, TYPICAL DETAILS
E100	-	PIER RETENTION PLANS, ELEVATIONS
E200	-	MARKING PLANS
E300	-	NOT USED
E400	-	NOT USED
E500	-	DETAILS, SECTIONS
E600	-	PRECAST AND SHEAR WALL ELEVATIONS
E700	-	POOL MARKING PLAN, SECTIONS AND DETAILS
E800	-	LIFT & STAIR ELEVATIONS AND DETAILS
E900	-	PERSPECTIVES

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NOTE: B1 DRAWING SHEET

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INDESCO DRAWING LIST

SHEET NUMBER	SHEET NAME	CURRENT REVISION	CURRENT REVISION DATE
E000	TITLE PAGE	2	04.03.2021
E001	DRAWING SCHEDULE	C	02.12.2021
E002	GENERAL NOTES	D	25.10.2021
E005	COLUMN SCHEDULE - SHEET 1	E	30.09.2021
E006	COLUMN SCHEDULE - SHEET 2	E	30.09.2021
E007	COLUMN SCHEDULE - SHEET 3	G	16.11.2021
E008	COLUMN SCHEDULE - SHEET 4	8	16.11.2021
E018	TYPICAL COLUMN DETAILS	G	25.10.2021
E019	TYPICAL COLUMN TRANSITIONS	D	20.10.2021
E030	TYPICAL FOOTING DETAILS - SHEET 1	I	16.11.2021
E031	TYPICAL SLAB ON GROUND DETAILS	G	28.10.2021
E032	TYPICAL BORED PIER DETAILS - SHEET 1	B	06.05.2021
E033	TYPICAL BORED PIER DETAILS - SHEET 2	H	28.10.2021
E034	TYPICAL BLOCKWORK DETAILS - SHEET 1	A	10.05.2021
E035	TYPICAL BLOCKWORK DETAILS - SHEET 2	A	10.05.2021
E036	MINIMUM FORMWORK REQUIREMENTS - GROUND FLOOR TRANSFER	A	10.05.2021
E040	BACKPROPPING DETAILS & PLANS - SHEET 1	A	10.09.2021
E041	BACKPROPPING DETAILS & PLANS - SHEET 2	A	10.09.2021
E042	BACKPROPPING DETAILS & PLANS - SHEET 3	A	10.09.2021
E050	BASEMENT P1 LOADING PLAN	B	26.10.2021
E051	GROUND FLOOR LOADING PLAN	C	02.12.2021
E052	LEVEL 1 LOADING PLAN	A	26.10.2021
E053	LEVEL 2 LOADING PLAN	A	26.10.2021
E054	LEVELS 4, 6, 8 AND 10 LOADING PLAN	A	26.10.2021
E055	LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN	A	26.10.2021
E056	LEVEL 12 LOADING PLAN	5	26.10.2021
E057	LEVEL 13 LOADING PLAN	5	26.10.2021
E058	LEVEL 14 LOADING PLAN	5	26.10.2021
E059	LEVEL 15 LOADING PLAN	5	26.10.2021
E060	LEVEL 16 LOADING PLAN	5	26.10.2021
E080	RAMP MARKING PLANS	E	28.10.2021
E081	RAMP REINFORCEMENT & DETAILS	E	16.11.2021
E100	BULK EXCAVATION MARKING PLAN	E	28.10.2021
E101	PIER RETENTION AND CAPPING BEAM MARKING PLAN	F	28.10.2021
E102	PIER RETENTION ELEVATIONS - SHEET 1	H	17.11.2021
E103	DETAILED EXCAVATION MARKING PLAN	F	28.10.2021
E200	FOOTING MARKING PLAN	N	04.11.2021
E201	BASEMENT 2 MARKING PLAN	N	17.11.2021
E202	BASEMENT 1 MARKING PLAN	K	16.11.2021
E203	GROUND FLOOR MARKING PLAN	O	02.12.2021
E204	LEVEL 1 MARKING PLAN	J	02.12.2021
E205	LEVEL 2 MARKING PLAN	D	02.12.2021
E206	LEVEL 3 MARKING PLAN	D	02.12.2021
E207	LEVEL 4 MARKING PLAN	D	02.12.2021
E208	LEVEL 5 MARKING PLAN	A	02.12.2021
E209	LEVEL 6 MARKING PLAN	A	02.12.2021
E210	LEVEL 7 MARKING PLAN	A	02.12.2021
E211	LEVEL 8 MARKING PLAN	A	02.12.2021
E212	LEVEL 9 MARKING PLAN	A	02.12.2021
E213	LEVEL 10 MARKING PLAN	A	02.12.2021
E214	LEVEL 11 MARKING PLAN	9	17.11.2021
E215	LEVEL 12 MARKING PLAN	9	17.11.2021
E216	LEVEL 13 MARKING PLAN	9	17.11.2021
E217	LEVEL 14 MARKING PLAN	9	17.11.2021
E218	LEVEL 15 MARKING PLAN	11	01.12.2021
E219	LEVEL 16 MARKING PLAN	10	01.12.2021
E220	ROOF MARKING PLAN	9	01.12.2021
E400	LIFT/STAIR AND CRANE FOUNDATION REINFORCEMENT PLANS	C	17.08.2021
E500	TYPICAL PRECAST WALL DETAILS	A	25.10.2021
E501	TYPICAL PRECAST SHEAR WALL DETAILS	B	11.10.2021
E502	TYPICAL PRECAST PANEL LAYOUTS	A	25.10.2021
E503	TYPICAL FORMED WALL DETAILS	D	15.11.2021
E504	TYPICAL AFS WALL DETAILS	A	10.05.2021
E520	BASEMENT SLAB DETAILS - SHEET 1	F	30.09.2021
E521	BASEMENT SLAB DETAILS - SHEET 2	I	17.11.2021
E530	GROUND SLAB DETAILS - SHEET 1	D	15.10.2021
E531	GROUND SLAB DETAILS - SHEET 2	F	20.10.2021
E532	GROUND SLAB DETAILS - SHEET 3	G	28.10.2021
E533	GROUND SLAB DETAILS - SHEET 4	I	02.12.2021
E540	LEVEL 1 & 2 SLAB DETAILS - SHEET 1	C	05.11.2021
E541	LEVEL 1 & 2 SLAB DETAILS - SHEET 2	C	05.11.2021
E542	LEVEL 1 & 2 SLAB DETAILS - SHEET 3	B	29.09.2021
E550	TYPICAL SUSPENDED SLAB DETAILS - SHEET 1	A	25.10.2021
E551	TYPICAL SUSPENDED SLAB DETAILS - SHEET 2	1	01.12.2021
E600	PRECAST KEYPLAN - SHEET 1	A	25.10.2021
E601	PRECAST ELEVATIONS - SHEET 1	D	16.11.2021
E602	PRECAST ELEVATIONS - SHEET 2	E	16.11.2021
E603	PRECAST ELEVATIONS - SHEET 3	D	16.11.2021
E604	PRECAST ELEVATIONS - SHEET 4	6	16.11.2021
E620	BASEMENT WALL ELEVATIONS	D	16.11.2021
E630	SUBSTATION MARKING PLAN AND ELEVATIONS	E	16.11.2021
E650	TRANSFER WALL KEYPLAN AND ELEVATIONS	C	16.11.2021
E700	POOL MARKING PLAN AND SECTIONS	4	13.04.2021
E701	POOL DETAILS	4	13.04.2021
E800	LIFT AND STAIR WALL ELEVATIONS - SHEET 1	F	12.10.2021
E801	LIFT AND STAIR WALL ELEVATIONS - SHEET 2	G	15.11.2021
E802	LIFT AND STAIR WALL TIE PLANS - SHEET 1	C	11.10.2021
E803	LIFT AND STAIR WALL TIE PLANS - SHEET 2	C	11.10.2021
E804	LIFT AND STAIR WALL TIE PLANS - SHEET 3	B	11.10.2021
E805	LIFT AND STAIR WALL TIE PLANS - SHEET 4	B	11.10.2021
E810	TYPICAL STAIR DETAILS	E	15.11.2021
E820	LIFT/STAIR CORE PULL OUT BAR PLAN - SHEET 1	B	16.11.2021
E821	LIFT/STAIR CORE PULL OUT BAR PLAN - SHEET 2	1	16.06.2021
E900	PERSPECTIVES	4	13.04.2021

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
C	REVISED AS CLOUDED	DS	02.12.2021	GC
B	REVISED AS CLOUDED	DS	21.10.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
DRAWING SCHEDULE

NORTH POINT

PROJECT No.
7774

DRAWING No.
E001

AMDT
C

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

GENERAL

1. THESE DRAWINGS ARE FOR STRUCTURAL PURPOSES ONLY AND ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION, ARCHITECTURAL DRAWINGS, OTHER CONSULTANTS DOCUMENTATION, CONTRACT DOCUMENTATION AND THE REQUIREMENTS OF THE RELEVANT AUTHORITIES.

2. SET OUT DIMENSION TO BE TAKEN FROM ARCHITECTURAL DRAWINGS. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED OFF. FIGURED DIMENSIONS ONLY ARE TO BE USED FOR SET OUTS.

3. SHOULD ANY AMBIGUITY, ERROR, OMISSION, DISCREPANCY, INCONSISTENCY OR OTHER FAULT EXIST OR SEEM TO EXIST IN THE CONTRACT DOCUMENTS, IMMEDIATELY NOTIFY IN WRITING TO THE PRINCIPAL'S AUTHORISED PERSON.

4. DURING CONSTRUCTION STRUCTURES SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERLOADED. TEMPORARY SUPPORTS SHALL BE PROVIDED BY THE BUILDER IN ORDER TO KEEP THE WORKS AND ANY EXCAVATIONS STABLE AT ALL TIMES.

5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CURRENT SAA CODES AND THE BYLAWS, ORDINANCES OR OTHER REQUIREMENTS OF THE RELEVANT BUILDING AUTHORITIES.

6. CONSTRUCTION USING THE STRUCTURAL DRAWINGS SHALL NOT COMMENCE UNTIL A CONSTRUCTION CERTIFICATE IS ISSUED BY THE PRINCIPAL CERTIFYING AUTHORITY.

7. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH ALL WORK COVER REQUIREMENTS AND OCCUPATIONAL HEALTH AND SAFETY ACT REGULATIONS.

8. THE STRUCTURAL COMPONENTS DETAILED ON THE STRUCTURAL DRAWINGS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADS
   1) LIVE LOADS IN ACCORDANCE WITH AS 1170 PART 1
   2) WIND LOADS IN ACCORDANCE WITH AS 1170 PART 2
   3) EARTHQUAKE LOADS IN ACCORDANCE WITH AS 1170 PART 4

9. THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS NOTICE OF ANY INSPECTIONS OF STRUCTURAL WORK.

FOOTINGS

1. FOOTINGS HAVE BEEN DESIGNED BASED OFF GEOTECHNICAL REPORT BY DOUGLAS PARTNERS REPORT 94.370.00.R.001.REV0, DATED DECEMBER 2019 AND SUPPLEMENTARY REPORT BY ACT GEOTECHNICAL ENGINEERS, REPORT REF JH/C11869, DATED 8 OCTOBER 2021.

2. BORED PILES HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING CAPACITY OF 5000kPa WITH SHAFT ADHESION OF 500kPa.

3. PAD FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING PRESSURE OF 5000kPa.

4. STRIP FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE END BEARING PRESSURE OF 5000kPa.

5. FOUNDATION MATERIAL IS TO BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE CASTING OF FOUNDATIONS.

6. LOCATE ALL PIPES, RETAINING WALLS AND EXCAVATION OUTSIDE A 1:1 (VERTICAL : HORIZONTAL) ZONE OF INFLUENCE FROM THE BOTTOM EDGE OF THE FOOTING.

7. FOOTINGS SHALL BE LOCATED CENTRALLY UNDER WALLS AND COLUMNS UNLESS NOTED OTHERWISE.

8. FOOTINGS TO BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION TO AVOID SOFTENING OR DRYING OUT BY EXPOSURE.

9. CONTRACTOR TO ALLOW FOR COST OF GEOTECHNICAL INSPECTIONS AND ANY REQUIRED CERTIFICATIONS.

RETAINING WALLS

1. DRAINAGE SHALL BE PROVIDED AS SHOWN ON THE DRAINAGE DRAWINGS.

2. BACKFILLING SHALL BE CARRIED OUT AFTER GROUT OR CONCRETE HAS REACHED MINIMUM STRENGTH OF 0.85 F'C. BACKFILLING SHALL BE APPROVED GRANULAR MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 200MM, TO 95% STANDARD COMPACTION UNLESS NOTED OTHERWISE.

3. PROVIDE WATERPROOFING TO BACK OF WALLS AS SPECIFIED OR NOTED.

4. WHERE RETAINING WALLS RELY ON CONNECTING STRUCTURAL ELEMENTS FOR STABILITY, DO NOT BACKFILL AGAINST THE WALL UNLESS IT IS ADEQUATELY PROPPED OR THE ELEMENTS HAVE BEEN CONSTRUCTED AND HAVE SUFFICIENT STRENGTH TO WITHSTAND THE LOADS.

5. FOR ALL TEMPORARY BATTERS OBTAIN GEOTECHNICAL ENGINEERS RECOMMENDATIONS.

FORMWORK

1. THE DESIGN CERTIFICATION, CONSTRUCTION, INSPECTIONS AND PERFORMANCE OF THE FORMWORK, FALSE WORK AND TEMPORARY SHORING IS THE RESPONSIBILITY OF THE BUILDER.

2. FORMWORK SHOULD NOT BE DESIGNED TO REQUIRE TEMPORARY BRACING FROM STRUCTURAL ELEMENTS WITHOUT APPROVAL FROM THE ENGINEER.

3. FORMWORK TOLERANCES AND STRIPPING TIMES SHALL COMPLY WITH AS 3610 AND AS 3600 UNLESS APPROVED BY THE ENGINEER.

4. SHOP DRAWINGS AND CALCULATIONS MUST BE PREPARED AND SUBMITTED FOR APPROVAL BY THE FORMWORK CONTRACTORS ENGINEER.

5. CONSTRUCTION SUPPORT PROPPING SHALL BE LEFT IN PLACE WHERE NEEDED TO AVOID OVERSTRESSING OF THE STRUCTURE DUE TO CONSTRUCTION LOADINGS.

6. NO BRICKWORK OR PARTITION WALLS ARE TO BE CONSTRUCTED ON SUSPENDED SLABS UNTIL PROPPING HAS BEEN REMOVED AND THE SHORT TERM DEFLECTION OF THE STRUCTURE HAS TAKEN PLACE. FOR TRANSFER BEAMS/SLABS NO BRICKWORK OR PARTITION WALLS ARE TO BE CONSTRUCTED IF HOGGING HAS TAKEN PLACE. WAIT UNTIL FULL LOAD HAS BEEN APPLIED TO THE TRANSFER BEAM/SLAB.

7. CONCRETE FORMED SURFACES ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS BUT MUST MEET MINIMUM OF THE FOLLOWING IN ACCORDANCE WITH AS3610,

CONCRETE ELEMENTS/SURFACE	SURFACE FINISH CLASS
NORMAL ARCHITECTURAL AND CIVIL WORK AND SURFACED NOT SPECIFIED	2
SURFACES TO BE RENDERED OR HIDDEN BY OTHER FINISHES	3
SURFACES TO BE PERMANENTLY CONCEALED	4

8. BEFORE PLACING OF REINFORCEMENT APPLY A RELEASE AGENT COMPATIBLE WITH SURFACE FINISH TO FACE OF FORMWORK.

9. CHAMFER AT RE-ENTRANT ANGLES AND FILLET AT CORNERS FACE OF BEVEL 25MM UNO.

10. TEST PANELS IF REQUIRED ARE THE RESPONSIBILITY OF THE ARCHITECT.

11. BEFORE CONCRETE PLACEMENT REMOVE ALL FOREIGN OBJECTS SUCH AS DUST, DEBRIS, WATER ETC.

MASONRY

1. ALL MASONRY WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3700.

2. ALL MASONRY BLOCKWORK WALLS SHALL BE CONSTRUCTED IN GRADE 16 BLOCKS (15MPa) IN ACCORDANCE WITH AS/NZS 4455. ALL BRICKS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa IN ACCORDANCE WITH AS/NZS 4455.

3. THE MAXIMUM UNRESTRAINED FIVE YEAR EXPANSION OF BRICKS SHALL BE IN ACCORDANCE WITH NATA TEST B01.

4. ALL MASONRY THAT IS SUPPORTING OR THAT IS SUPPORTED BY CONCRETE FLOORS, SHALL HAVE VERTICAL JOINTS TO MATCH ANY CONTROL JOINTS IN THE CONCRETE.

5. NON-LOADBEARING WALLS SHALL BE SEPARATED FROM CONCRETE ABOVE BY PROVIDING A 12mm THICK CLOSE CELL POLYETHELENE STRIP.

6. NO CHASES OR RECESSES ARE PERMITTED IN LOAD BEARING MASONRY WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

7. MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OR THE SUPERINTENDENT.

8. MORTAR SHALL BE FULL BED AND THE NOMINAL PROPORTIONS BY VOLUME SHALL BE AS PER THE BELOW TABLE UNO:

EXPOSURE CLASSIFICATION	PORTLAND CEMENT (GP)	BLENDED CEMENT (GB)	BUILDING LIME	SAND
M3	1	-	1	5
M3	-	1	1	4
M4	1	-	0.5	4.5
M4	-	1	0.25	2.25

M3 – DENOTES AREAS WITH MODERATE EXPOSURE GREATER THAN 1km FROM SURF COASTAL AREAS.
M4 – DENOTES AREAS WITH EXTREME EXPOSURE WITHIN 1km FROM SURF COASTAL AREAS OR INDUSTRIAL AREAS WHERE CHEMICAL POLLUTANTS ARE PRODUCED.

REFER TO AS 3700 FOR FURTHER DETAILS.

9. GROUT USED TO FILL CAVITIES IN MASONRY SHALL HAVE:
   - A MINIMUM 32MPa 28 DAY COMPRESSIVE STRENGTH;
   - A SLUMP OF 225mm (+- 25mm);
   - MAXIMUM AGGREGATE SIZE OF 10mm ROUNDED GRAVEL;
   - NOMINAL PROPORTIONS SHALL BE 1 : 0.3 : 3 : 2 OF CEMENT, LIME, SAND, AGGREGATE AND WITH A MINIMUM CEMENT CONTENT OF 300kg/CM. PROVIDE CLEAN OUT HOLES AT BASE OF PILASTERS AND EVERY CORE OF REINFORCED WALLS.

10. HORIZONTAL JOINT REINFORCEMENT SHALL BE PROVIDED AT MAX 600 VERTICAL SPACING FOR ALL CONCRETE BLOCKWORK, CONCRETE BRICKWORK, AND CALCIUM SILICATE BRICKWORK.

11. FULLY BED FACE SHELLS AND CROSS WEBS IN HOLLOW BLOCK WALLS.

12. HOLLOW BLOCKWORK OPENINGS GREATER THAN 600mm VERTICALLY OR HORIZONTALLY SHALL BE TRIMMED AT THE SIDES AND BOTTOM BY FILLING ONE CORE AND REINFORCING WITH N12 EXTENDING 600mm PAST OPENING. THE TOP OF THE OPENING SHALL HAVE A REINFORCED LINTEL BEAM, ARCH BAR OR STEEL ANGLE SUPPORT AS REQUIRED.

13. ALL TIES AND REINFORCEMENT SHALL HAVE A MINIMUM CLEAR COVER OF 50mm TO EXTERNAL FACE OF MASONRY UNO.

14. ALL WALLS SHALL BE TIED OR BONDED AT INTERSECTIONS.

15. NO CAVITY OR CORE SHALL BE FILLED TO A HEIGHT GREATER THAN 1200mm WITHOUT SUITABLE SHORING.

16. ALL MASONRY WALLS AND PIERS SUPPORTING SLABS AND BEAMS SHALL HASVE A PRE-GREASED GALVANISED STEEL SLIP JOINT BETWEEN THE CONCRETE SOFFIT AND THE TOP OF THE MASONRY ELEMENT UNO.

17. VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT 10m MAX CENTRES, AND 5m MAX FROM CORNERS IN ALL MASONRY WALLS UNO (REFER TO NOTE 4 ABOVE FOR ADDITIONAL DETAILS).

18. BACKFILL TO RETAINING WALLS SHALL BE FREE DRAINING GRANULAR MATERIAL UNO, AND SUBSOIL DRAIN SHALL BE PROVIDED TO WEEP HOLES.

19. MASONRY WALLS ARE NOT TO BE CONSTRUCTED ON SUSPENDED CONCRETE SLABS UNTIL SLAB HAS BEEN STRIPPED AND DE-PROPPED.

20. ALL MASONRY CONSTRUCTION TO HAVE 316 GRADE STAINLESS STEEL WALL TIES INSTALLED AS PER CLAUSE 3.4 OF AS 3700.

CONCRETE

EXPOSURE CLASSIFICATION
EXTERNAL: A2
INTERNAL: A1

CONCRETE

1. PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH F'C AS DEFINED IN AS 1379

2. USE TYPE 'GP' CEMENT, UNLESS OTHERWISE SPECIFIED.

3. ALL CONCRETE SHALL BE SUBJECT TO PROJECT ASSESSMENT AND TESTING TO AS 1379.

4. IT IS THE RESPONSIBILITY OF THE CONCRETE SUPPLIER TO ENSURE CONCRETE STRENGTHS ACHIEVE A MINIMUM COMPRESSIVE STRENGTH F'C AS DEFINED ABOVE.

5. ALL FALLS IN SLABS, DRIP GROVES, REGLETS, CHAMFERS ETC, REFER TO ARCHITECT DRAWINGS AND SPECIFICATIONS.

6. CONSTRUCTION JOINTS ARE ONLY PERMITTED WHERE SHOWN ON DRAWINGS WITHOUT PRIOR APPROVAL FROM ENGINEER.

7. NO HOLES OR CHASES SHALL BE MADE IN THE SLAB WITHOUT THE APPROVAL OF THE ENGINEER.

8. CONDUITS AND PIPES ARE TO BE FIXED TO THE UNDERSIDE OF THE TOP REINFORCEMENT LAYER AND AT NO TIMES BE FIXED TO POST TENSION DUCTS OR RUN PARALLEL OVER OR UNDER POST TENSION DUCTS.

9. ALL SLABS CAST ON GROUND REQUIRE SAND BLINDING WITH A CONCRETE UNDERLAY.

10. REINFORCEMENT COVER MUST BE AS PER TABLE BELOW.

11. REINFORCEMENT SHALL GENERALLY COMPLY WITH AS3600 CLAUSE 19.2 REINFORCEMENT IS SHOWN DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION ON STRUCTURAL DRAWINGS. ALL REINFORCING BARS SHALL BE GRADE D500N TO AS4671. ALL WELDED MESH SHALL BE GRADE 500L TO AS4671 AND SHALL BE SUPPLIED IN FLAT SHEETS. REINFORCEMENT SYMBOLS:

N	GRADE 500N	DEFORMED BAR	TO AS4671
R	GRADE 250R	ROUND BAR	TO AS4671
RL	RECT. MESH	GRADE 500L	TO AS4671
SL	SQUARE MESH	GRADE 500L	TO AS4671
TM	TRENCH MESH	GRADE 500L	TO AS4671

LOADINGS

1. REFER TO DRAWING E050 SERIES DRAWINGS FOR SLAB LOADS

EARTHQUAKE LOADINGS

ANNUAL PROBABILITY OF EXCEEDANCE			
DESIGN WORKING LIFE	IMPORTANCE LEVEL	ULS	SLS
50 YEARS	2	1/500	1/25

SELECTION OF EARTHQUAKE DESIGN CATEGORIES			
IMPORTANCE LEVEL	(Hp2) FOR SITE SUB-SOIL CLASS Be	STRUCTURE HEIGHT hn (m)	EARTHQUAKE DESIGN CATEGORY
2	≤0.008	≤50	III

SHORT-TERM, LONG TERM AND COMBINATION FACTORS				
CHARACTER OF IMPOSED ACTION	SHORT-TERM FACTOR (Ψs)	LONG-TERM FACTOR (Ψl)	COMBINATION FACTOR (Ψc)	EARTHQUAKE COMBINATION FACTOR (ΨE)
RESIDENTIAL & DOMESTIC	0.7	0.4	0.4	0.3
PARKING	0.7	0.4	0.4	0.3

ANNUAL PROBABILITY OF EXCEEDANCE (P) AND PROBABILITY FACTOR (kp)	
ANNUAL PROBABILITY OF EXCEEDANCE (P)	PROBABILITY FACTOR kp
1/500	1.0

HAZARD FACTOR (Z) FOR SPECIFIC AUSTRALIAN LOCATIONS	
LOCATION	Z
CANBERRA	0.08

MAXIMUM DEPTH LIMITS FOR SITE SUB-SOIL CLASS C	
CLASS DEFINITION	
CLASS Be	ROCK

EARTHQUAKE DESIGN CATERGORY
DESIGN CATERGORY
III

STRUCTURAL DUCTILITY FACTOR (-) AND STRUCTURAL PERFORMANCE FACTOR (Sp) - BASIC STRUCTURES				
CONCRETE STRUCTURES	μ	Sp	Spμ	μSp
LIMITED DUCTILE SHEAR WALLS	2	0.77	0.22	2.6

WIND LOADINGS

DESIGNED IN ACCORDANCE WITH AS 1170.2 : 2011

ANNUAL PROBABILITY OF EXCEEDANCE				
DESIGN WORKING LIFE	IMPORTANCE LEVEL	ULS	SLS	REGION
50 YEARS	2	1/500	1/25	A3

- TERRAIN CATEGORY 3
- ULTIMATE LIMIT STATE WIND SPEED 46 m/s
- BASIC SERVICEABILITY WIND SPEED 37 m/s

STRUCTURAL STEELWORK

1. DESIGN CONFORMS TO AS4100. FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROVISIONS OF AS 4100.

2. UNLESS NOTED OTHERWISE, ALL STEEL SHALL CONFORM TO THE FOLLOWING AUSTRALIAN STANDARDS, IN RESPECT OF GRADE AND CONDITIONS OF SUPPLY.

ROLLED SECTIONS AS3679.1	GRADE 300
WELDED SECTIONS AS3679.2	GRADE 300
FLAT BARS AS3679.1	GRADE 300
PLATE/FLOOR PLATE AS3678	GRADE 250
HOLLOW SECTIONS AS 1163	GRADE C350
PURLINS/GIRTS	G450 Z350

TEST CERTIFICATES CONFIRMING CONFORMANCE ISSUED BY SUPPLIER SHALL BE AVAILABLE FOR INSPECTION.

3. THE CONTRACTOR SHALL PREPARE WORKSHOP (SHOP DETAIL) DRAWINGS AND SHALL SUBMIT 2 COPIES OF EACH DRAWING FOR EXAMINATION OF CONNECTION DETAILS. FABRICATION SHALL NOT COMMENCE UNTIL THE WORKSHOP DRAWINGS HAVE BEEN APPROVED. APPROVAL WILL BE PROVIDED FOR MEMBER SIZES AND CONNECTION STRENGTHS BUT WILL NOT EXTEND TO DIMENSIONS. ALL DIMENSIONS AND SETOUTS SHALL BE OBTAINED FROM ARCHITECTURAL DRAWINGS, SHOULD VARIATIONS BE NECESSARY TO THE STRUCTURAL DETAILS PROVIDED. THESE SHALL BE REFERRED TO THE ENGINEER FOR APPROVAL BEFORE BEING INCLUDED ON SHOP DETAIL DRAWINGS. SHOP DETAIL DRAWINGS SHALL CLEARLY INDICATE:

4. DIMENSIONS OF ITEMS, IDENTIFICATION, STEEL GRADE LOCATION, TYPE AND SIZE OF WELDS AND BOLTS PROCEDURES NECESSARY FOR SHOP AND SITE ASSEMBLY ORIENTATION OF MEMBERS. CAMBER LOCATION OF TEMPORARY CONNECTIONS AND BRACING SURFACE PREPARATION METHOD AND COATING SYSTEM WELDING AND BOLTING CATEGORIES. SHOP DETAILS SHALL PROVIDE FOR FIXING OR SUPPORT OF ANY BUILDING ELEMENTS SHOWN ON ARCHITECTURAL DRAWINGS. MIN. 48 HRS REQUIRED FOR APPROVAL OF SHOP DRAWINGS.

5. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554.1 ELECTRODES SHALL BE TO AS1553, AS1858, AS2203 OR AS2717 AS APPROPRIATE. WELDS FOR STRUCTURAL CONNECTIONS SHALL BE WELD CATEGORY SP UNLESS NOTED OTHERWISE.

6. BOLTING CATEGORIES ARE IDENTIFIED ON THE DRAWINGS IN THE FOLLOWING MANNER.

BOLT	BOLTING CATEGORY	BOLT TO GRADE AUST. STANDARD	METHOD OF STANDARD INSTALLATION TO AS4100
4.6	4.6/S	1111	SNUG TIGHTENED
8.8	8.8/S	1252	SNUG TIGHTENED

7. UNLESS NOTED OTHERWISE, HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER. WHERE SLOTTED OR OVERSIZE HOLES ARE PERMITTED ON THE STRUCTURAL DRAWINGS, THEY SHALL COMPLY WITH AS4100. HAND FLAME CUTTING OF BOLT HOLES IS NOT PERMITTED.

8. UNLESS NOTED OTHERWISE, ALL BOLTS AND WASHERS SHALL BE GALVANISED.

9. FABRICATION TOLERANCES SHALL COMPLY WITH AS4100, SECTION 14 UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

10. ALL BEAMS AND RAFTERS SHALL BE FABRICATED AND ERECTED WITH NATURAL CAMBER UP. PROVIDE STRUCTURAL MEMBERS IN SINGLE LENGTHS UNLESS SPLICES ARE SHOWN ON THE STRUCTURAL DRAWINGS.

11. NON-DESTRUCTIVE WELD EXAMINATION SHALL BE AS FOLLOWS.

TYPE OF WELD & CATEGORY	EXAMINATION METHOD	EXTENT OF (N OF TOTAL WELD TYPE) LENGTH
FILLET WELDS	VISUAL INSPECTION	100
BUTT WELDS, GP	VISUAL INSPECTION	100
BUTT WELDS, SP	VISUAL INSPECTION	100
BUTT WELDS, SP	RADIOGRAPHIC OR ULTRASONIC INSPECTION	100

12. SURFACE TREATMENT AND PAINTING OF STEELWORK TO BE IN ACCORDANCE WITH AS2312 AND AS FOLLOWS:

12.1 ALL STEELWORK NOT ENCASED IN CONCRETE OR 'GALVANISED' SHALL HAVE THE SURFACES CLEANED BY ABRASIVE BLAST CLEANING TO CLASS 2-1/2 STANDARD IN ACCORDANCE WITH AS 1627.4

12.2 ALL AREAS INACCESSIBLE AFTER FABRICATION SHALL BE CLEANED AND PAINTED PRIOR TO FABRICATION.

12.3 UNLESS OTHERWISE NOTED ALL STEEL SURFACES SHALL BE COATED WITH -
   1) LUXAPRIME ZINC PHOSPHATE, OR APPROVED EQUIVALENT, TO A DRY FILM THICKNESS OF 75 MICRONS AND
   2) TOP COATS TO BE IN ACCORDANCE WITH THE ARCHITECTS SPECIFICATION.

ALL PAINT TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. MEMBERS BUILT INTO WALLS NOT MARKED GALVANISED TO BE COATED WITH JOTAPRIME TO 75UM NO TOP COAT OR EQUAL.

12.4 WHERE NOTED GALVANISED, STEELWORK SHALL BE CHEMICALLY DESCALED AND CLEANED IN ACCORDANCE WITH AS 1627.5 TO REMOVE ALL RUST, MILL SCALE, OIL, GREASE AND FOREIGN MATTER OF ALL DESCRIPTION LEAVING A UNIFORM SURFACE OF CLEAN METAL OR A TIGHTLY ADHERING COATING OF ZINC OR IRON PHOSPHATE. STEELWORK SHALL THEN BE GALVANISED IN ACCORDANCE WITH AS1650 BY IMMERSING IN A BATH OF MOLTEN ZINC TO PRODUCE A ZINC COATING WHICH SOLIDIFIES TO A DRY FILM MASS OF 600 G/M.

12.5 ALL TRANSPORT AND ERECTION ABRASIONS, SITE WELDS, ETC. ARE TO BE REINSTATED BY THOROUGHLY WIRE BRUSHING ALL AFFECTED AREAS TO ACHIEVE A CLEAN SOUND SUBSTRATE AND PATCH COATED AS FOR PRIMING EXCEPT THAT THE MINIMUM FILM THICKNESS SHALL BE 50% GREATER THAN THE ORIGINAL PRIMER.

12.6 ALL COMMERCIAL AND HIGH STRENGTH STRUCTURAL BOLTS USED SHALL BE GALVANISED BOLTS U.N.O.

12.7 ALL LOAD INDICATOR WASHERS SHALL BE SHERARDIZED. PROVIDE SEAL PLATES TO ALL HOLLOW SECTIONS, WITH BREATHER HOLES IF MEMBERS ARE TO BE HOT DIP GALVANISED.

13. ERECTION TOLERANCES SHALL COMPLY WITH AS4100 SECTION 15 UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

14. ALL STEELWORK SHALL BE TEMPORARILY BRACED IN A SECURE MANNER IN ORDER TO STABILISE THE STRUCTURE DURING ERECTION.

15. FOR EACH GROUP OF ANCHOR BOLTS PROVIDE A TEMPLATE WITH SETTING OUT LINES CLEARLY MARKED FOR POSITIOINING THE BOLTS WHEN CASTING IN.

16. GALVANISING SHALL BE TO AS4680 (MEMBERS) OR AS1214 (THREADED FASTENERS).

COATING MASS: AVERAGE - 600g/m²
(MEMBERS) MINIMUM - 550g/m²

17. REMOVE ALL TEMPORARY CLEATS ON COMPLETION AND RESTORE THE SURFACE IN AN APPROVED MANNER.

18. GROUT UNDER ALL BASE PLATES. BEFORE GROUTING SUPPORT BASE PLATES ON STEEL PACKERS OR WEDGES. GROUT UNDER BASE PLATES AND INTO CORED HOLES WITH CONBEXTRA GP NON-SHRINK GROUT OR EQUIVALENT, MINIMUM COMPRESSIVE STRENGTH 32MPa, MIN. THICKNESS 15mm MAX. THICKNESS 40mm.

PRECAST CONCRETE

1. ALL DIMENSIONS, SETOUTS AND PROFILES OF ALL PRECAST ELEMENTS SHALL BE TAKEN FROM THE RELEVANT ARCHITECTURAL DRAWINGS.

2. THE MINIMUM ELEMENT THICKNESS SHOWN IS THE REQUIRED STRUCTURAL THICKNESS, UNLESS NOTED OTHERWISE. ADDITIONAL CONCRETE MUST BE SUPPLIED FOR ANY ARCHITECTURAL REBATES AND SURFACE TREATMENTS TO MAINTAIN THESE MINIMUM STRUCTURAL THICKNESSES.

3. MINIMUM CONCRETE STRENGTH SHALL BE F'C + 40 MPA FOR ALL PRECAST, NORMAL WEIGHT, WITH A MINIMUM CEMENT CONTENT OF 330 KG/M³, UNLESS NOTED OTHERWISE. THE PRECAST CONTRACTOR SHALL SUBMIT THE PROPOSED MIX DESIGN TO INDESCO FOR REVIEW. REFER TO THE CONCRETE NOTES FOR FURTHER DETAILS.

4. CALCIUM CHLORIDE AND OTHER ADMIXTURES WILL NOT BE PERMITTED WITHOUT THE WRITTEN CONSENT OF INDESCO. IF CONSENT GIVEN, THE RESTRICTIONS OF AS3600 CLAUSE 4.9 MUST BE ADHERED TO.

5. ANY SURFACE TREATMENTS, SUCH AS ACID ETCHING, SHALL BE SUBMITTED TO INDESCO FOR WRITTEN APPROVAL ALONG WITH THE APPROPRIATE METHODS OF APPLICATION. THE MANUFACTURER SHALL OBTAIN THE SPECIFIED FINISH IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE ARCHITECT'S APPROVAL.

6. THE REINFORCEMENT COVER SHALL BE:
   EXTERNAL FACE 35MM.
   INTERNAL FACE 25MM.
   EDGES 50MM.

   THE VERTICAL BARS SHALL HAVE A MINIMUM COVER OF 40MM. THE TOLERANCE SHALL NOT EXCEED -0, +5 MM.

7. ALL REINFORCEMENT IN THE PRECAST ELEMENTS SHALL BE AS DETAILED ON INDESCO DRAWINGS. MESH SHALL BE ONE SHEET WHERE POSSIBLE. IF LAPPING IS REQUIRED IT SHALL BE IN ACCORDANCE WITH AS 3600 CLAUSE 13.2.4. THE SPLICES SHALL NOT OCCUR WITHIN 2000MM OF THE MID SPAN OF THE PRECAST ELEMENT. WHERE TWO LAYERS OF MESH ARE USED, THE SPLICES SHALL BE STAGGERED BY 1000 MM UNLESS OTHERWISE APPROVED BY THE ENGINEER.

8. ALL CAST-IN PLATES, CONNECTION MEMBERS, AND FIXINGS ARE TO BE HOT DIPPED GALVANISED TO AS 4680, OR STAINLESS STEEL, REFER TO DETAILS. PROJECTING REINFORCEMENT FROM PRECAST ELEMENTS FORMING JOINTS IN EXPOSED FINAL CONDITIONS, SHALL BE GALVANISED.

9. THE PRECAST CONTRACTOR SHALL SUPPLY AND FIT GALVANISED LIFTING AND ERECTION FERRULES AS REQUIRED TO SATISFY THE CALCULATED REQUIREMENTS. ALL FERRULES MUST NOT BE LOCATED ON ANY EXTERNAL EXPOSED FACES AND MUST BE PROTECTED TO AVOID CORROSION AND STAINING. ARCHITECTURAL FIXING FERRULES SHALL BE LOCATED TO SUIT THE ARCHITECTURAL DETAILS.

10. THE FORMWORK SHALL BE RIGID ENOUGH TO CONTROL THE EFFECTS OF VIBRATION AND THE FORMWORK SHALL BE CLEAN ENOUGH TO ACHIEVE THE SURFACE FINISH CLASS AND COLOUR CONTROL REQUIRED AS PER THE ARCHITECT'S SPECIFICATIONS.

11. PRECAST ELEMENTS ARE NOT PERMITTED TO HAVE CONSTRUCTION JOINTS. ALL CORBELS TO THE PRECAST ELEMENTS SHALL BE POURED MONOLITHICALLY WITH THE PANEL. ALL PRECAST SURFACES IN CONTACT WITH CAST-INSITU CONCRETE SHALL HAVE ROUGHENED SURFACES TO A DEPTH OF 5MM.

12. PRECAST ELEMENTS HAVE BEEN DESIGNED FOR IN-SERVICE CONDITION LOADINGS (I.E. THE LOADS THE PRECAST ARE EXPOSED TO AFTER INSTALLATION ON SITE). THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ANY ADDITIONAL REINFORCEMENT THAT IS REQUIRED TO SATISFY THE PROPOSED APPROACH OF HANDLING, TRANSPORTATION, AND INSTALLATION. ANY ADDITIONAL MATERIAL COSTS WILL BE TO THE ALLOWANCE OF THE PRECAST CONTRACTOR.

13. THE PRECAST CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE STRIPPING, LIFTING, STORAGE, TRANSPORTATION AND INSTALLATION OF ALL PRECAST ELEMENTS. THE SUBSEQUENT STRESSES DURING THESE STAGES MUST NOT CAUSE CRACKING. STACKING MUST BE LIMITED TO ENSURE THAT ANY WARPING DOES NOT EXCEED THE CODE LIMITS. THE CONTRACTOR MUST PROVIDE INDESCO WITH COMPUTATIONS AND DETAILS FOR REVIEW BY AN ENGINEER THAT IS EXPERIENCED IN PRECAST CONCRETE AND IS REGISTERED AS CHARTERED ENGINEER (NER, CPENG). SIZES AND LOCATIONS OF ALL INSERTS WITH TESTS PROVING THE INSERT'S CAPACITY SHALL BE INCLUDED.

14. FULLY DETAILED SHOP DRAWINGS OF ALL PRECAST ELEMENTS SHALL BE PROVIDED BY THE CONTRACTOR. SHOP DRAWINGS MUST SHOW ALL INSERTS AND FIXINGS. ANY ADDITIONAL FERRULE LOCATIONS FOR TEMPORARY BRACING OF THE PRECAST ELEMENTS DURING CONSTRUCTION, AND ANY OTHER FIXINGS, INSERTS AND OPENINGS REQUIRED BY OTHER TRADES SHALL BE COORDINATED BY THE CONTRACTOR AND BUILDER AND SHALL ALSO BE INCLUDED ON THE SHOP DRAWINGS.

15. THE CONTRACTOR SHALL DETERMINE THE CONCRETE STRENGTH AT THE TIME OF STRIPPING FROM THE MOULDS, BUT SHALL NOT BE LESS THAN F'C + 25MPA. THE CONTRACTOR SHALL SUBMIT THE PROPOSED CURING METHODS FOR APPROVAL. THE CURING MUST BE EQUIVALENT TO KEEPING WET FOR SEVEN DAYS.

16. SHEAR STUD CONNECTORS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF AS 2327. WELDING OF THE STUDS SHALL BE IN ACCORDANCE WITH AS1554. THE SHEAR STUDS ARE TO BE DRAWN FROM COLD DRAWN STOCK AS PER AS 1443 GRADES 1010 TO 1020 WITH A MINIMUM TENSILE STRENGTH AFTER MANUFACTURE OF 410 MPA.

17. PACKERS MUST BE NON FERROUS AND A MINIMUM 50MM COVER TO BE PROVIDED EXTERNALLY OR WHERE IN VIEW.

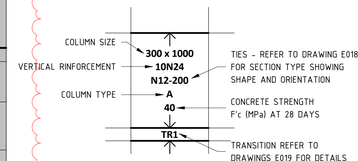
18. PRIOR TO GROUTING OF JOINTS, ALL GAPS BETWEEN PRECAST ELEMENTS MUST BE PROPERLY SEALED TO PREVENT GROUT FILLING THE REQUIRED GAPS BETWEEN THE PRECAST ELEMENTS AND THE STRUCTURE AND TO PREVENT SPOILING THE FACE OF THE PRECAST.

19. A WATERPROOF PRE-PACKED CEMENT-BASED PRODUCT SHALL BE USED FOR GROUTING OF DOWELS AND JOINTS. GROUT SHALL BE MIXED WITH WATER ON SITE AS PER THE RECOMMENDED CONSISTENCY. GROUT COMPRESSIVE STRENGTH MUST BE GREATER THAN 40MPA AT 7 DAYS AND 65MPA AT 28 DAYS, BUT MUST NOT BE LESS THAN THE COMPRESSIVE STRENGTH OF THE PANEL. GROUT MUST BE STORED, HANDLED AND PLACED PRECISELY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. FOR PRECAST ELEMENTS SUPPORTING MORE THAN SEVEN STORIES, A PROTOTYPE OF THE JOINT SHALL BE MADE USING THE PROPOSED CONSTRUCTION METHOD. THE PROTOTYPE JOINT SHALL BE POUR

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

HOLD:
BASEMENT TO LEVEL 10 ISSUE FOR CONSTRUCTION ONLY

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ROOF	FRL 90/-/-																									180 x 1600 SL82 Mesh EF Type F - 40
LEVEL 16	FRL 90/-/-																									
LEVEL 15	FRL 90/-/-																									
TRANSITION																										
LEVEL 14	FRL 90/-/-																									
LEVEL 13	FRL 90/-/-										220 x 1000 10N16 N10-200 A (b) 40										220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40			
LEVEL 12	FRL 90/-/-																									
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-										220 x 1600 16N16 N10-200 D (a) 40										220 x 1600 16N16 N10-200 D (a) 40		220 x 1600 16N16 N10-200 D (a) 40	250 x 1000 10N20 N10-200 A (b) 40		180 x 3000 SL82 Mesh EF Type F - 40
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-										220 x 1600 16N16 N10-200 D (a) 50										220 x 1600 16N16 N10-200 D (a) 50		220 x 1600 16N16 N10-200 D (a) 50	250 x 1000 10N20 N10-200 A (b) 50		180 x 3000 SL82 Mesh EF Type F - 40
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-																						220 x 1600 16N16 N12-130 D (a) 65			
LEVEL 2	FRL 90/-/-		REFER TO DRAWING E601 PE1 WALL ABOVE	REFER TO DRAWING E601 PE2 WALL ABOVE							220 x 1600 16N16 N12-130 D (a) 65										220 x 1600 16N16 N12-130 D (a) 65	REFER TO DRAWING E601 PE6 WALL ABOVE				180 x 3000 SL82 Mesh EF Type F - 50
TRANSITION			TR17	TR18																		TR3				TR29
LEVEL 1	FRL 90/-/-										250 x 1600 16N16 N12-150 D (a) 65										250 x 1600 16N16 N12-150 D (a) 65	250 x 2150 20N16 N12-150 D (c) 65	250 x 1600 16N16 N12-150 D (a) 65			250 x 3000 30N16 N12-150 D (d) 65
TRANSITION											TR8										TR8		TR10			TR13
GROUND FLOOR	FRL 120/-/-		485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65							485 MIN. x 1150 16N24 N12-200 E 65								COLUMN 57		485 MIN. x 1150 16N24 N12-200 E 65		400 x 1000 10N28 N12-240 B 65			500 x 1000 10N28 N12-240 B 65
TRANSITION			TR1	TR1					TR2										TR9				TR4			
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-	300 x 800 8N20 N12-300 A (a) 40	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	300 x 1800 10N28 N12-180 B 65	200 x 1000 10N20 N12-120 A (b) 65	400 x 1000 10N28 N12-240 B 65	300 x 800 8N20 N12-300 A (a) 40	400 x 1000 16N28 N12-240 C 65	350 x 800 10N20 N12-240 A (b) 65	600 x 1000 16N28 N12-300 C 65	300 x 800 8N20 N12-300 A (a) 40	500 x 1500 16N28 N12-300 C 65	500 x 1000 10N28 N12-300 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65		400 x 1000 10N28 N12-240 B 65	250 x 1000 10N20 N12-150 A (b) 65	400 x 1000 10N28 N12-240 B 65	500 x 1000 10N28 N12-300 B 65
LEVEL		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	27.01.2022	AL
F	REVISED AS CLOUDED	DS	22.12.2021	NH
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA
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Internet: http://www.meriton.com.au

INDESCO
www.indesco.com.au
CANBERRA
SYDNEY
WOLLONGONG
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 1

NORTH POINT

PROJECT No.
7774

DRAWING No.
E005

AMDT
G

		C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ROOF	FRL 90/-/-																									
LEVEL 16	FRL 90/-/-								220 x 550 8N16 N10-200 A (b) 40																	
LEVEL 15	FRL 90/-/-		220 x 550 8N16 N10-200 A (a) 40																							
TRANSITION									TR11																	
LEVEL 14	FRL 90/-/-											220 x 1000 10N16 N10-200 A (b) 40														
TRANSITION												TR22														
LEVEL 13	FRL 90/-/-	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40			220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 2000 20N20 N10-200 D (c) 40			220 x 1000 10N16 N10-200 A (b) 40											
LEVEL 12	FRL 90/-/-																									
TRANSITION									TR19			TR21														
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40		220 x 1600 16N16 N10-200 D (a) 40			220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 2000 20N16 N10-200 D (c) 40		220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40										
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50		220 x 1600 16N16 N10-200 D (a) 50			220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 2000 20N16 N10-200 D (c) 50		220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50										
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65		220 x 1600 16N16 N12-130 D (a) 65			220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 2000 20N16 N12-130 D (c) 65		220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65										
LEVEL 2	FRL 90/-/-			250 x 1600 16N16 N12-150 D (a) 65	REFER TO DRAWING E602 PE8 WALL ABOVE				250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65									REFER TO DRAWING E603 PE17 WALL ABOVE	REFER TO DRAWING E603 PE16 WALL ABOVE	REFER TO DRAWING E603 PE15 WALL ABOVE	REFER TO DRAWING E603 PE14 WALL ABOVE	REFER TO DRAWING E603 PE13 WALL ABOVE	REFER TO DRAWING E603 PE12 WALL ABOVE	REFER TO DRAWING E602 PE11 WALL ABOVE	REFER TO DRAWING E602 PE10 WALL ABOVE
TRANSITION									TR19	TR19									TR17	TR18	TR18	TR18	TR18	TR18	TR18	TR8
LEVEL 1	FRL 90/-/-	250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65		250 x 1700 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65					250 x 1600 16N16 N12-150 D (a) 65	250 x 2000 20N16 N12-150 D (c) 65		250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65										
TRANSITION		TR14	TR10	TR8	TR20	TR4					TR10	TR10		TR16	TR8											
GROUND FLOOR	FRL 120/-/-			485 MIN. x 1150 16N24 N12-200 E 65					485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	400 x 1000 10N32 N12-240 B 65	500 x 1000 10N32 N12-240 B 65			485 MIN. x 1150 16N24 N12-200 E (b) 65				485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N40 N16-200 E (b) 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65
TRANSITION				TR27					TR5	TR5	TR6	TR6	TR7		TR27				TR27	TR27	TR27	TR27	TR27	TR27	TR27	TR27
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65		400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	500 x 1000 10N28 N12-300 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1600 16N28 N12-300 C 65	400 x 1000 10N28 N12-240 B 65	300 x 1000 8N24 N12-300 A (a) 40	300 x 800 10N20 N12-300 A(b) 40	300 x 800 10N20 N12-300 A(b) 40	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65	400 x 1000 10N28 N12-240 B 65
LEVEL		C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50

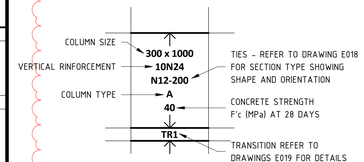
HOLD:
BASEMENT TO LEVEL 10 ISSUE FOR CONSTRUCTION ONLY

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
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Internet: http://www.meriton.com.au

INDESCO
CANBERRA
SYDNEY
WOLLONGONG
www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 2

NORTH POINT

PROJECT No. 7774

DRAWING No. E006

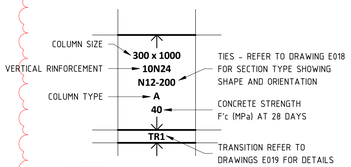
AMDT E

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

	FRL	C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75
ROOF	FRL 90/-/-																									
LEVEL 16	FRL 90/-/-					220 x 1000 10N16 N10-200 A (b) 40																				
LEVEL 15	FRL 90/-/-													220 x 550 8N16 N10-200 A (b) 40												
TRANSITION															TR25											
LEVEL 14	FRL 90/-/-							COLUMN 77		COLUMN 78		220x 1000 10N16 N10-200 A (b) 40	REFER TO ELEVATION PE2A ON DRAWING E601 FOR DETAIL OF TRANSITION TO PRECAST WALL		220x 1000 10N16 N10-200 A (b) 40				450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	450x 450 8N20 R10-300 H 40	300 x 500 6N20 R10-300 G 40	300 x 500 6N20 R10-300 G 40	300 x 500 6N20 R10-300 G 40
LEVEL 13	FRL 90/-/-							TRANSFER WALL		TRANSFER WALL																
LEVEL 12	FRL 90/-/-					220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40		220 x 1000 10N16 N10-200 A (b) 40	220 x 1000 10N16 N10-200 A (b) 40	250 x 700 8N24 N10-250 G 40	250 x 700 8N24 N10-250 G 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1000 10N16 N10-200 A (b) 40							
LEVEL 11	FRL 90/-/-																									
LEVEL 10	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 2000 20N16 N10-200 D (c) 40	220 x 2000 20N16 N10-200 D (c) 40	220 x 1600 16N16 N10-200 D (a) 40	220 x 1600 16N16 N10-200 D (a) 40																
LEVEL 9	FRL 90/-/-																									
LEVEL 8	FRL 90/-/-																									
LEVEL 7	FRL 90/-/-																									
LEVEL 6	FRL 90/-/-	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 2000 20N16 N10-200 D (c) 50	220 x 2000 20N16 N10-200 D (c) 50	220 x 1600 16N16 N10-200 D (a) 50	220 x 1600 16N16 N10-200 D (a) 50																
LEVEL 5	FRL 90/-/-																									
LEVEL 4	FRL 90/-/-																									
LEVEL 3	FRL 90/-/-	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 2000 20N16 N12-130 D (c) 65	220 x 2000 20N16 N12-130 D (c) 65	220 x 1600 16N16 N12-130 D (a) 65	220 x 1600 16N16 N12-130 D (a) 65														
LEVEL 2	FRL 90/-/-	REFER TO DRAWING E601 PE3 WALL ABOVE	REFER TO DRAWING E601 PE5 WALL ABOVE		REFER TO DRAWING E602 PE7 WALL ABOVE				250 x 1600 16N16 N12-150 D (a) 65	REFER TO DRAWING E601 PE4 WALL ABOVE					250 x 1600 16N16 N12-150 D (a) 65										
TRANSITION		TR18	TR18		TR18				TR19	TR18																
LEVEL 1	FRL 90/-/-					250 x 1600 16N16 N12-150 D (a) 65				485 MIN. x 1150 16N24 N12-200 E 65	250 x 1600 16N16 N12-150 D (a) 65	250 x 2000 20N16 N12-150 D (c) 65	250 x 2000 20N16 N12-150 D (c) 65	250 x 1600 16N16 N12-150 D (a) 65	250 x 1600 16N16 N12-150 D (a) 65									
TRANSITION						TR11	TR11	TR11		TR25	TR12				TR15											
GROUND FLOOR	FRL 120/-/-	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N24 N12-200 E 65	400 x 1000 10N28 N12-240 B 65	485 MIN. x 1150 16N24 N12-200 E 65	250 x 2200 22N16 N12-150 D (d) 65	250 x1600 16N16 N12-150 D (a) 65	250 x1600 16N16 N12-150 D (a) 65	485 MIN. x 1150 16N24 N12-200 E 65	485 MIN. x 1150 16N16 N12-300 E(a) 40																
TRANSITION		TR26	TR26		TR2			TR9	TR26	TR28																
BASEMENT 1	FRL 60/-/-																									
TRANSITION																										
BASEMENT 2	FRL 60/-/-							COLUMN 19																		
LEVEL		C51	C52	C53	C54	C55	C56	C57	C58	C59	C60	C61	C62	C63	C64	C65	C66	C67	C68	C69	C70	C71	C72	C73	C74	C75

LEGEND



NOTES

1. FIRE RATING TO COLUMNS ARE NOTED IN THE COLUMN SCHEDULE
2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

HOLD:
BASEMENT TO GROUND FLOOR
ISSUE FOR CONSTRUCTION ONLY

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
H	REVISED AS CLOUDED	DS	25.02.2022	AL
G	REVISED AS CLOUDED	DS	16.11.2021	GC
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	30.09.2021	GC
D	REVISED AS CLOUDED	DS	29.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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CANBERRA
SYDNEY
WOLLONGONG
www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 3

NORTH POINT

PROJECT No. 7774

DRAWING No. E007

AMDT H

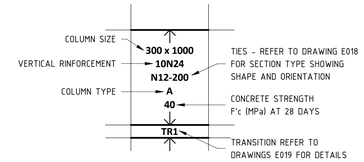
ROOF	FRL 90/-/-																							
LEVEL 16	FRL 90/-/-																							
LEVEL 15	FRL 90/-/-				**450x 450 8N20** R10-300 **H 40**	**450x 450 8N20** R10-300 **H 40**	**450x 450 8N20** R10-300 **H 40**	**400 x 400 8N16** R10-300 **H 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**200 x 800 8N16** R10-200 **A(a) 40**	**400 x 400 8N16** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**400 x 400 8N20** R10-300 **H 40**	**300 x 300 4N20** R10-300 **K 40**	**220 x 550 6N16** R10-200 **G 40**	**300 x 300 4N20** R10-300 **K 40**	**300 x 300 4N20** R10-300 **K 40**
LEVEL 14	FRL 90/-/-	**300 x 500 6N20** R10-300 **G 40**	**220 x 550 6N16** R10-200 **G 40**	**220 x 550 6N16** R10-200 **G 40**																				
LEVEL 13	FRL 90/-/-																							
LEVEL 12	FRL 90/-/-																							
LEVEL 11	FRL 90/-/-																							
LEVEL 10	FRL 90/-/-																							
LEVEL 9	FRL 90/-/-																							
LEVEL 8	FRL 90/-/-																							
LEVEL 7	FRL 90/-/-																							
LEVEL 6	FRL 90/-/-																							
LEVEL 5	FRL 90/-/-																							
LEVEL 4	FRL 90/-/-																							
LEVEL 3	FRL 90/-/-																							
LEVEL 2	FRL 90/-/-																							
TRANSITION																								
LEVEL 1	FRL 90/-/-																							
TRANSITION																								
GROUND FLOOR	FRL 120/-/-																							
TRANSITION																								
BASEMENT 1	FRL 60/-/-																							
TRANSITION																								
BASEMENT 2	FRL 60/-/-																							
LEVEL		**C76**	**C77**	**C78**	**C79**	**C80**	**C81**	**C82**	**C83**	**C84**	**C85**	**C86**	**C87**	**C88**	**C89**	**C90**	**C91**	**C92**	**C93**	**C94**	**C95**	**C96**	**C97**	**C98**

CONCRETE ELEMENT	NOMINAL AGG. SIZE
ALL COLUMNS U.N.O.	80

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

LEGEND



NOTES

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2. COLUMN STARTERS SHALL BE THE SAME SIZE AND AMOUNT OF BARS AS THE VERTICAL REINFORCEMENT
3. CONCRETE COVER TO VERTICAL BARS ARE NOTED IN THE COLUMN SCHEDULE

COLUMN LEVEL	COVER TO STIRRUP
BASEMENT TO GROUND	40mm
GROUND TO ROOF	30mm

BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (COG)
N12	800	200
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N28	1120	340
N32	1280	390
N36	1440	440
N40	1600	490

DENOTES PRECAST ELEMENT

DENOTES NON-LOAD BEARING PRECAST ELEMENT

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
8	REVISED AS CLOUDED	DS	16.11.2021	GC
7	REVISED AS CLOUDED	DS	30.09.2021	GC
6	REVISED AS CLOUDED	DS	17.08.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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www.indesco.com.au
CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

NOT FOR CONSTRUCTION

DRAWING TITLE
COLUMN SCHEDULE - SHEET 4

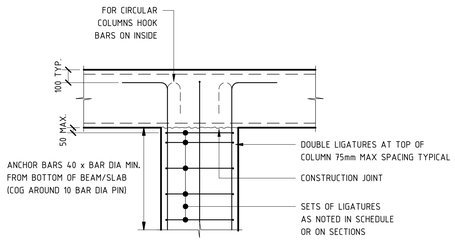
NORTH POINT

PROJECT No. 7774

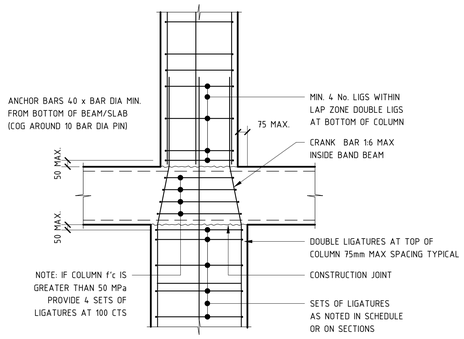
DRAWING No. E008

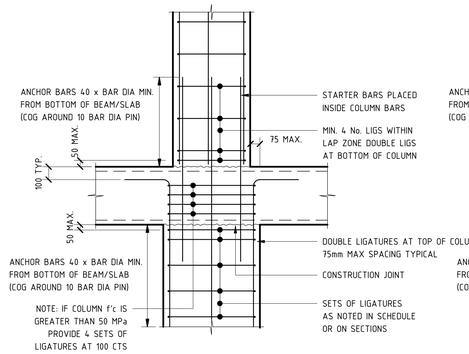
AMDT 8

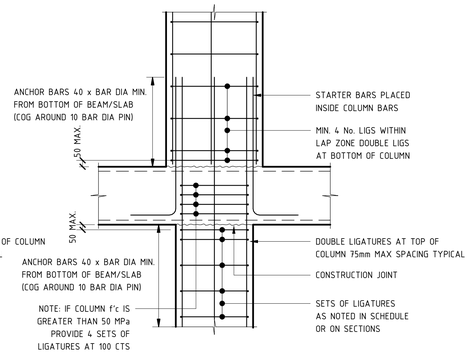
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



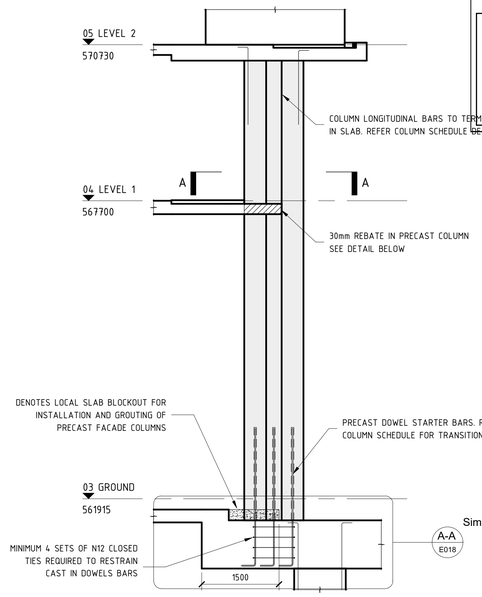
TYPICAL SECTION AT TERMINATION
SCALE 1 : 20



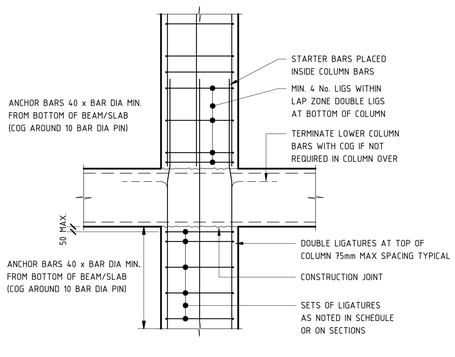




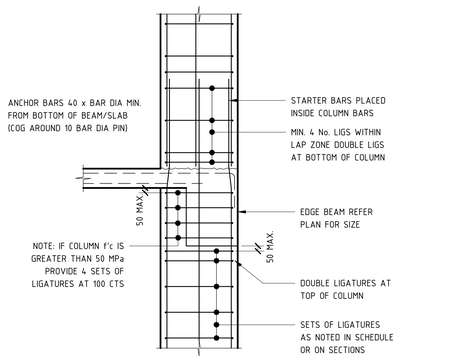
TYPICAL SECTIONS THROUGH SLAB JUNCTIONS SHOWING CHANGE IN COLUMN WIDTH
SCALE 1 : 20



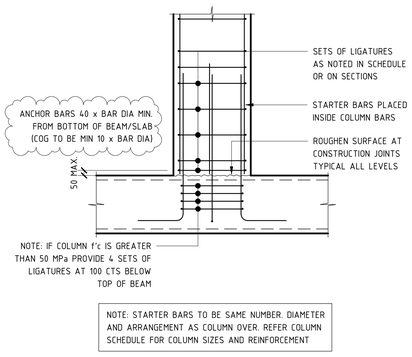
TYPICAL PRECAST COLUMN ELEVATION
SCALE 1 : 50 @ B1



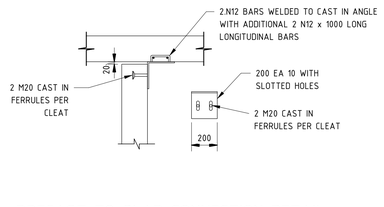
TYPICAL SECTION AT BAND BEAM
SCALE 1 : 20



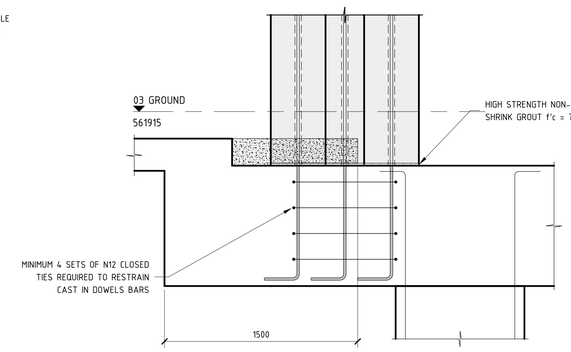
TYPICAL SECTION AT EDGE BEAM
SCALE 1 : 20



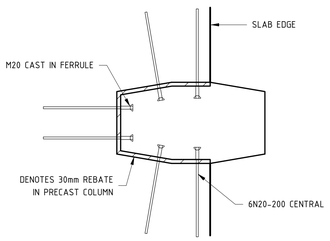
TYPICAL SECTION AT BASE OF COLUMN
SCALE 1 : 20



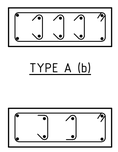
PRECAST TO SLAB CONNECTION DETAIL (NON LOAD BEARING)
SCALE: 1:20 @ B1



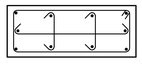
A-A E018 DETAIL
SCALE 1 : 20 @ B1



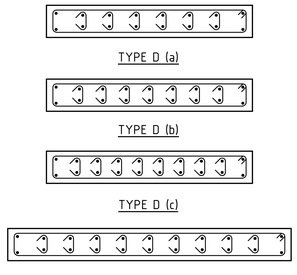
TYPICAL PRECAST CONNECTION TO LEVEL 1 SLAB DETAIL SECTION A-A
SCALE: 1:20 @ B1



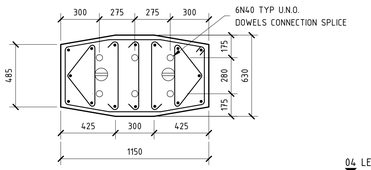
COLUMN TYPE A
SCALE 1 : 20 @ B1



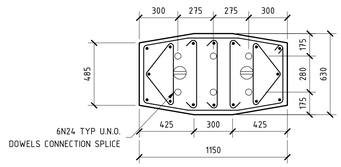
COLUMN TYPE B
SCALE 1 : 20 @ B1



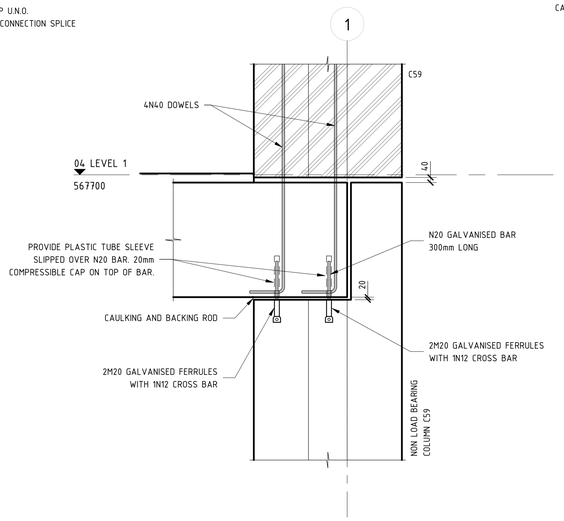
COLUMN TYPE D
SCALE 1 : 20 @ B1



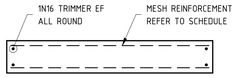
COLUMN TYPE E
SCALE 1 : 20 @ B1



COLUMN TYPE E(a)
SCALE 1 : 20 @ B1



3 E204 C59 TRANSITION DETAIL
SCALE 1 : 20 @ B1



COLUMN TYPE F
SCALE 1 : 20 @ B1

COLUMN TYPE G
SCALE 1 : 20 @ B1

COLUMN TYPE H
SCALE 1 : 20 @ B1

COLUMN TYPE K
SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	25.10.2021	SS
F	REVISED AS CLOUDED	DS	20.10.2021	GC
E	REVISED AS CLOUDED	DS	13.10.2021	AL
D	REVISED AS CLOUDED	DS	30.09.2021	GC
C	REVISED AS CLOUDED	DS	10.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
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2	ISSUED FOR TENDER	MM	04.03.2021	GC

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL COLUMN DETAILS

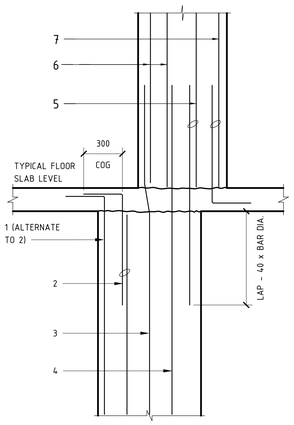
NORTH POINT

PROJECT No. 7774

DRAWING No. E018

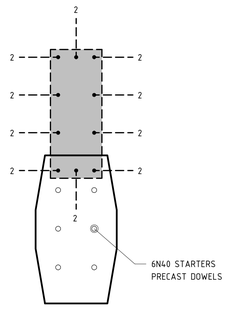
AMDT G

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

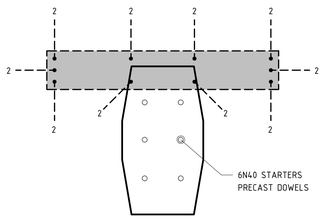


TYPICAL COLUMN TRANSITION DIAGRAM KEY
SCALE 1 : 20

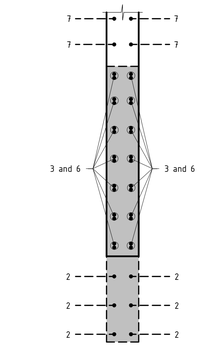
NOTES:
- DENOTES BAR UNDER SHOWN THUS: •
- DENOTES BAR OVER SHOWN THUS: •
- REFER TO COLUMN SCHEDULE FOR TIE SIZE & COLUMN TYPES FOR TIE ARRANGEMNETS



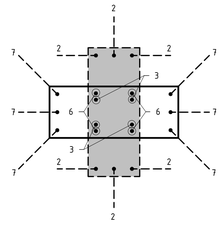
COLUMN TRANSITION - TR1
SCALE 1 : 20



COLUMN TRANSITION - TR2
SCALE 1 : 20



COLUMN TRANSITION - TR3
SCALE 1 : 20



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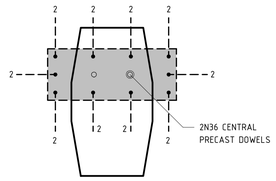
SCALE 1 : 20



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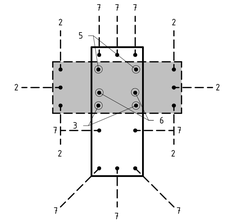
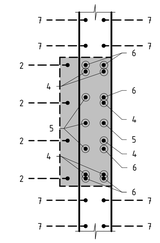
SCALE 1 : 20



COLUMN TRANSITION - TR6
SCALE 1 : 20



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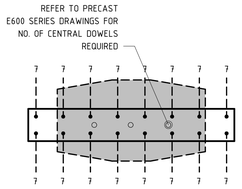
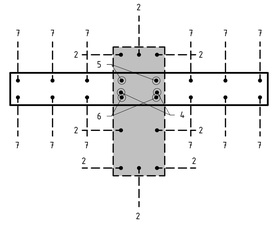


COLUMN TRANSITION - TR8
SCALE 1 : 20



COLUMN TRANSITION - TR9
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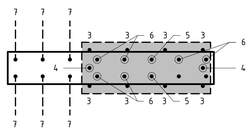

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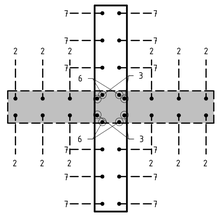
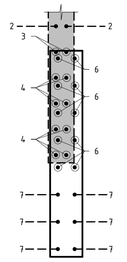
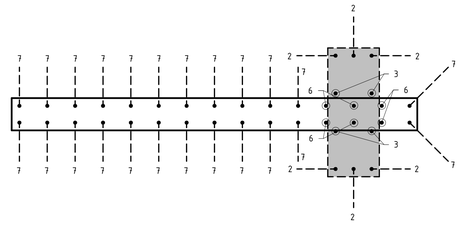
SCALE 1 : 20



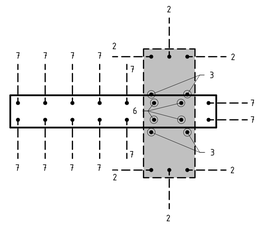
COLUMN TRANSITION - TR11
SCALE 1 : 20



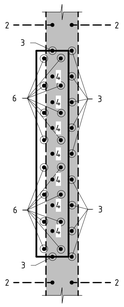
COLUMN TRANSITION - TR12
SCALE 1 : 20



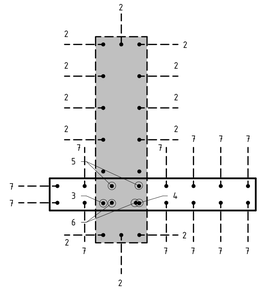
COLUMN TRANSITION - TR13
SCALE 1 : 20



COLUMN TRANSITION - TR14
SCALE 1 : 20



COLUMN TRANSITION - TR15
SCALE 1 : 20



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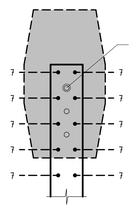
SCALE 1 : 20



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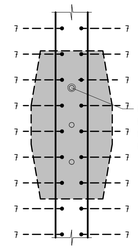
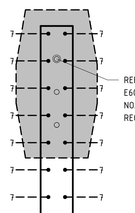


COLUMN TRANSITION - TR18
SCALE 1 : 20



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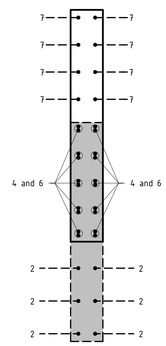
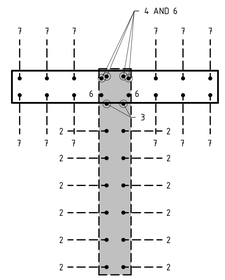


COLUMN TRANSITION - TR20
SCALE 1 : 20



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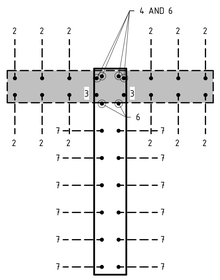

COLUMN TRANSITION - TR22
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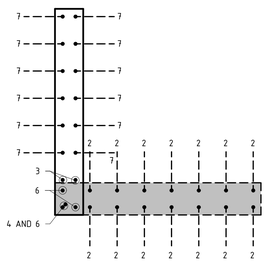

COLUMN TRANSITION - TR23
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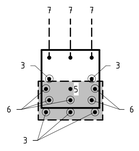

COLUMN TRANSITION - TR24
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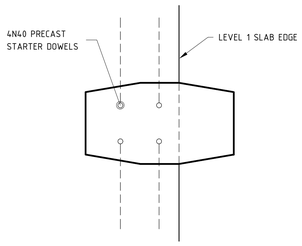

COLUMN TRANSITION - TR25
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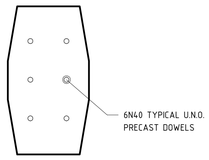

COLUMN TRANSITION - TR26
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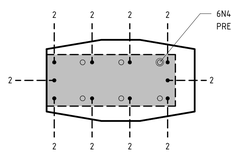

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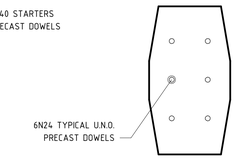

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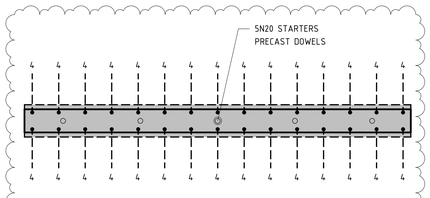

COLUMN TRANSITION - TR29
SCALE 1 : 20

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
E	REVISED AS CLOUDED	DS	27.01.2022	AL
D	REVISED AS CLOUDED	DS	20.10.2021	GC
C	REVISED AS CLOUDED	DS	15.09.2021	GC
B	REVISED AS CLOUDED	DS	17.08.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	REVISED AS CLOUDED	MM	16.04.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	19.03.2021	GC
1	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL COLUMN TRANSITIONS

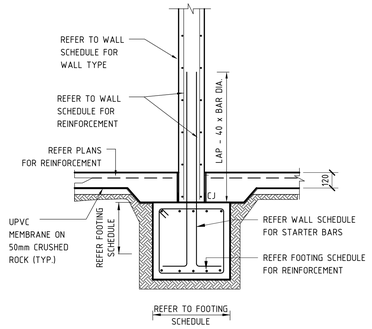
NORTH POINT

PROJECT No. 7774

DRAWING No. E019

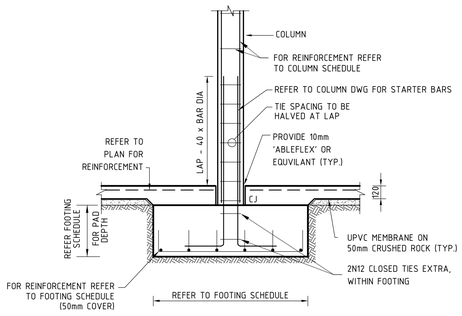
AMDT E

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



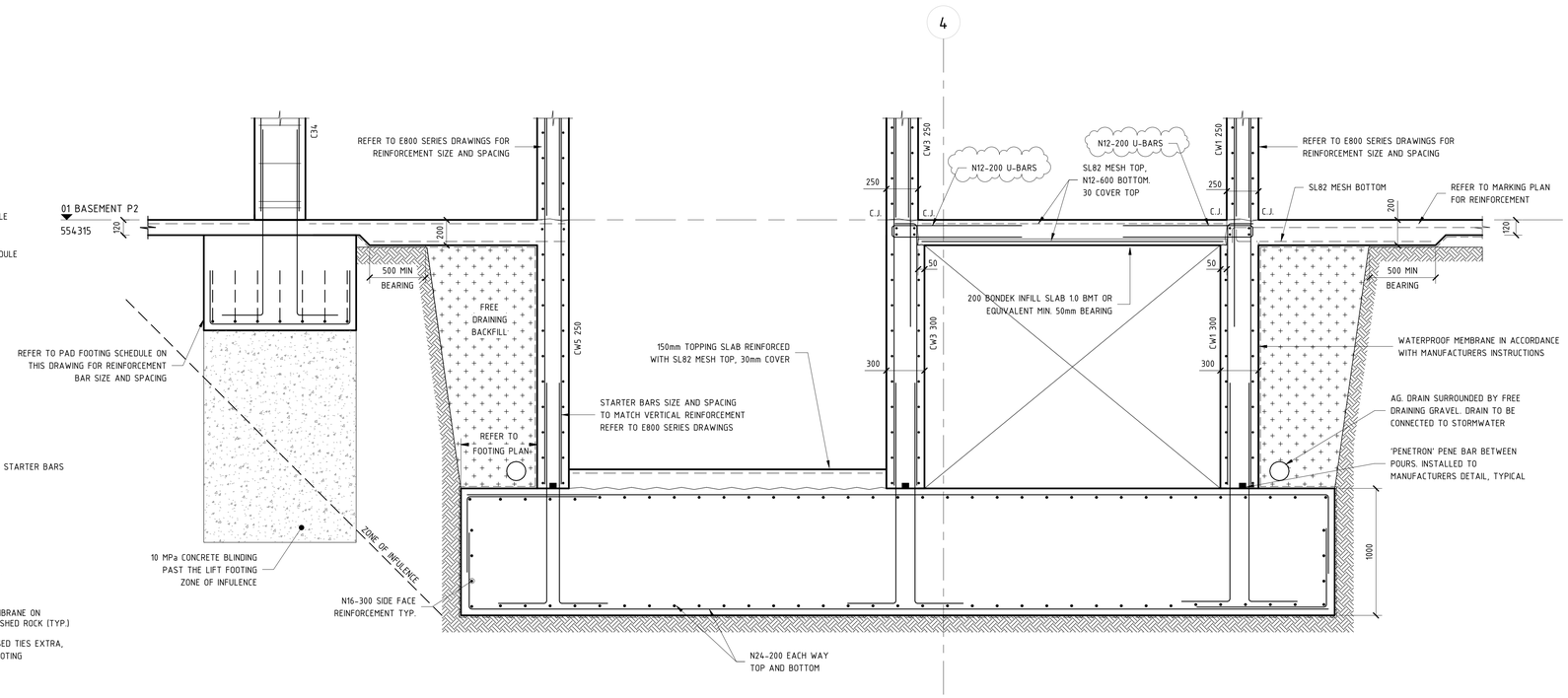
TYPICAL STRIP FOOTING DETAIL

SCALE 1:20 @ B1



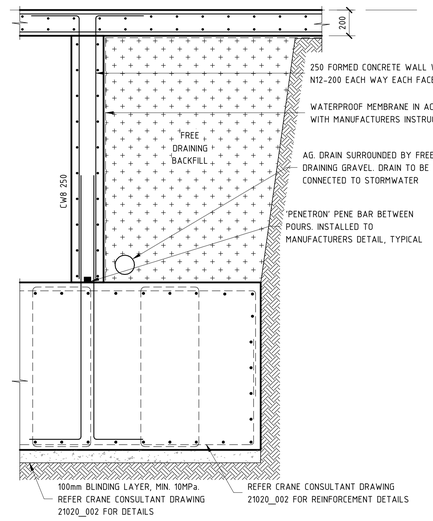
TYPICAL PAD FOOTING DETAIL

SCALE 1 : 20 @ A1



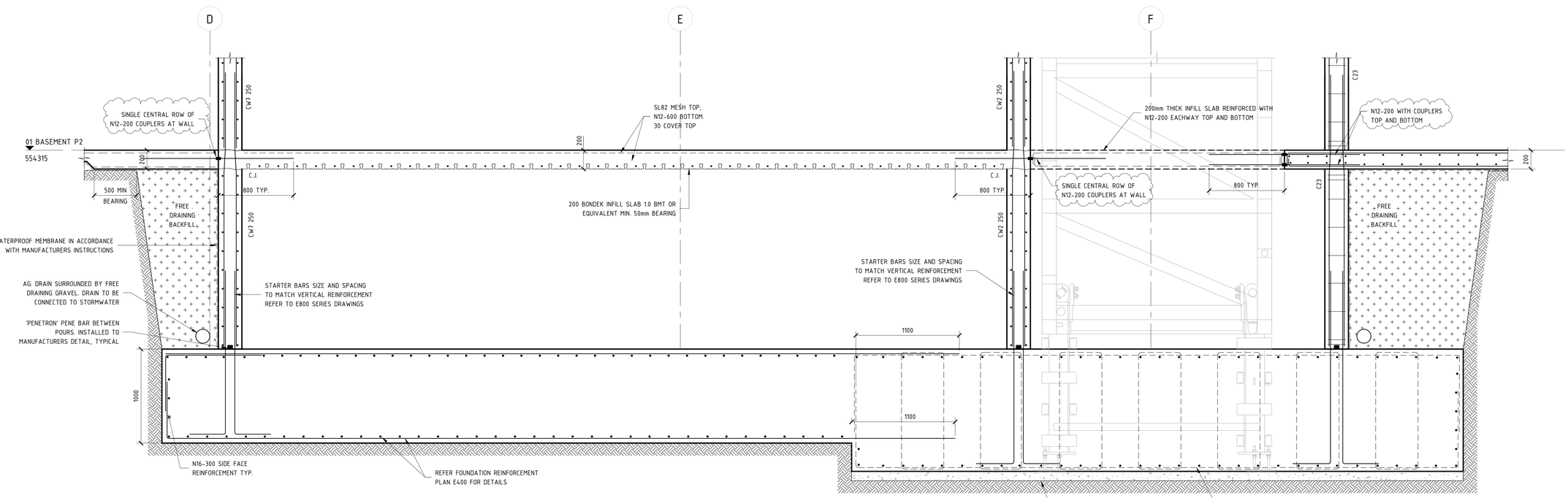
F1 E200 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1



F3 E100 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1



F2 E200 TYPICAL LIFT AND STAIR FOOTING DETAIL

SCALE 1 : 20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
I	REVISED AS CLOUDED	DS	16.11.2021	GC
H	REVISED AS CLOUDED	DS	04.11.2021	GC
G	REVISED AS CLOUDED	DS	25.10.2021	SS
F	REVISED AS CLOUDED	DS	30.09.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	ISSUED FOR TENDER	MM	13.04.2021	GC
4	ISSUED FOR TENDER	MM	19.03.2021	GC

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FENDER KATSALIDIS

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL FOOTING DETAILS - SHEET 1

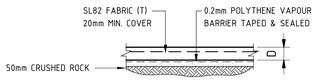
NORTH POINT

PROJECT No. 7774

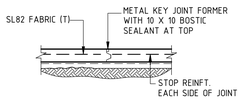
DRAWING No. E030

AMDT I

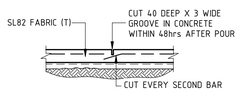
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



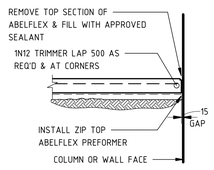
TYPICAL SLAB CONSTRUCTION
SCALE 1:20 @ B1



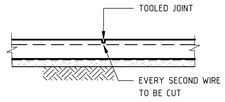
KEY JOINT DETAIL (KJ)
SCALE 1:20 @ A1



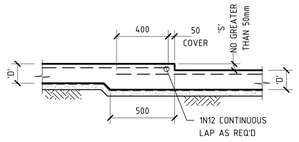
SAWCUT JOINT DETAIL (SJ)
SCALE 1:20 @ B1



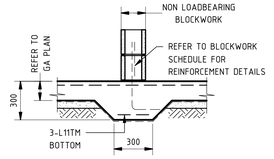
ISOLATION JOINT (IJ)
ROUGH SURFACE



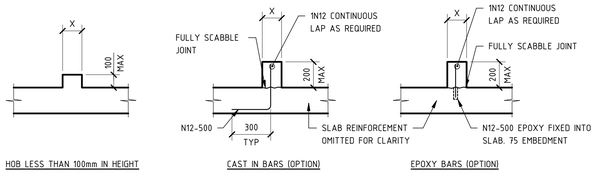
TOOLED JOINT (TJ)



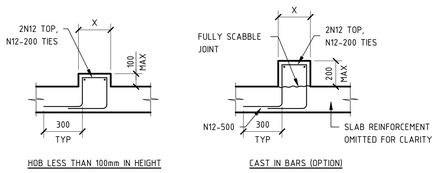
TYPICAL SLAB FOLD SECTION
SCALE 1:20
'S' - STEP DEPTH (REFER ARCHITECT)
'D' - SLAB DEPTH (REFER GA PLAN)



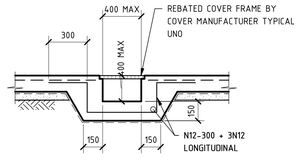
TYPICAL SLAB THICKENING FOR NON-LOAD BEARING BLOCKWORK



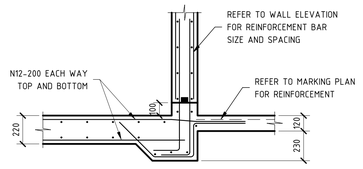
TYPICAL KERB/HOB DETAILS
SCALE 1:20
NOTE: WHERE 'X' = 100-180



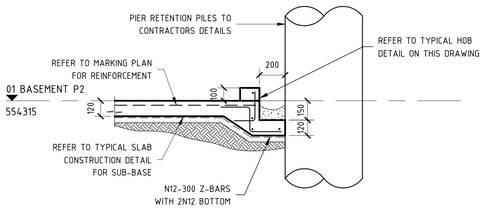
TYPICAL KERB/HOB DETAILS
SCALE 1:20
NOTE: WHERE 'X' = 180-250



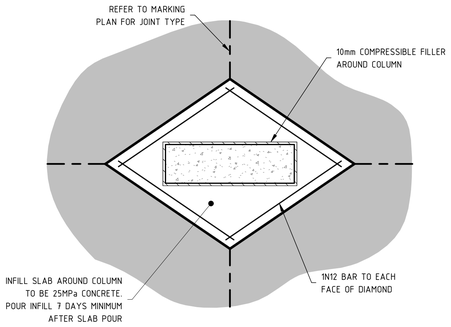
TYPICAL GRATED DRAIN DETAILS
FOR SLAB ON GROUND



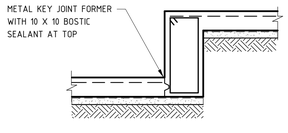
TYPICAL TANK DETAIL
FOR SLAB ON GROUND



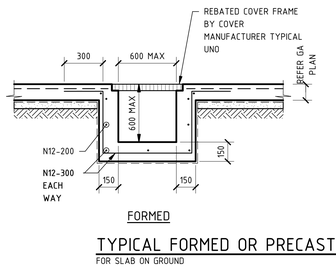
B1 / E201 TYPICAL BASEMENT SLAB ON GROUND SLAB EDGE DETAIL
SCALE 1 : 20 @ B1



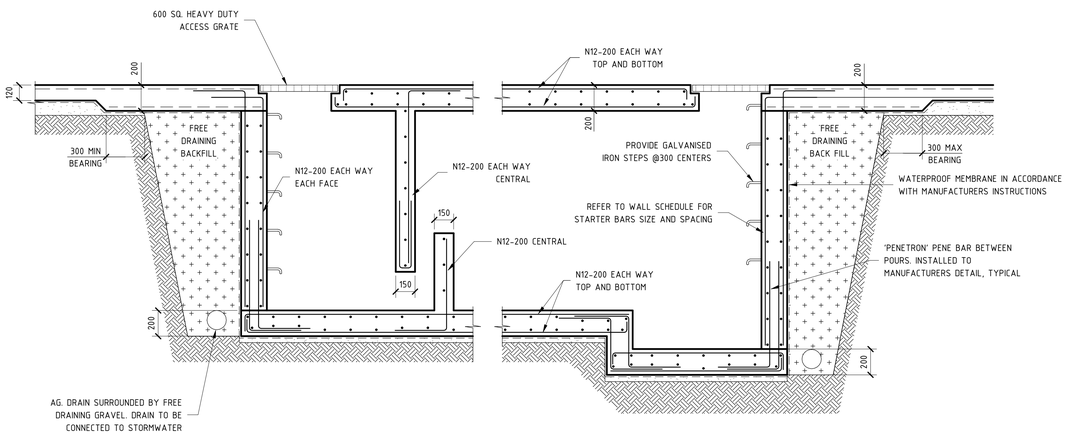
TYPICAL BASEMENT DIAMOND ISOLATION JOINT DETAIL
SCALE 1:20 @ B1



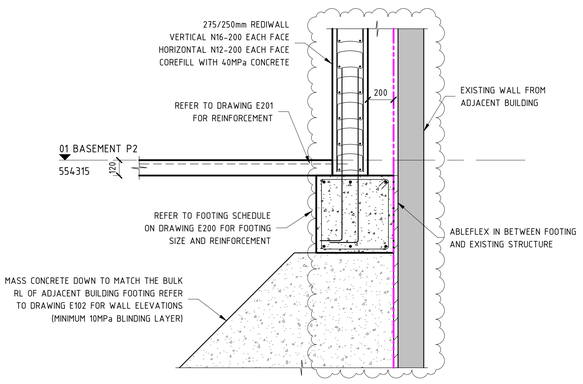
KEY JOINT DETAIL IN STEP (KJ)
SCALE 1:20 @ B1



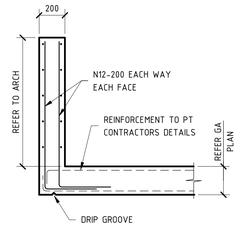
TYPICAL FORMED OR PRECAST DRAINAGE PIT DETAILS
FOR SLAB ON GROUND



B2 / E201 TYPICAL BASEMENT PUMP OUT PIT DETAIL
SCALE 1 : 20 @ B1



B3 / E200 BASEMENT SECTION
SCALE 1 : 20 @ B1



TYPICAL CRASH BARRIER DETAIL
SCALE 1:20 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
G	REVISED AS CLOUDED	DS	28.10.2021	SS
F	REVISED AS CLOUDED	DS	22.10.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL SLAB ON GROUND DETAILS

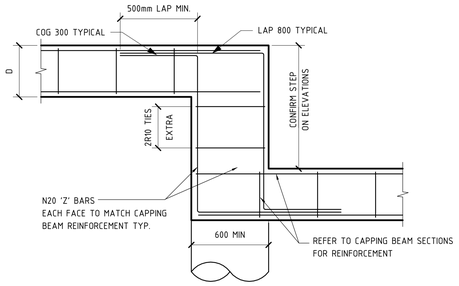
NORTH POINT

PROJECT No. 7774

DRAWING No. E031

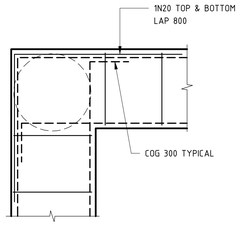
AMDT G

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

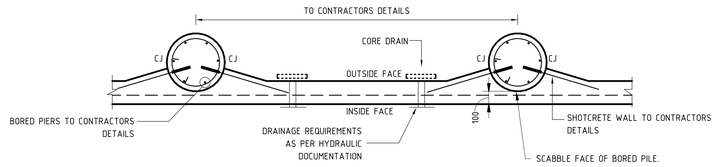


TYPICAL STEP IN CAPPING BEAM DETAIL
SCALE 1 : 20

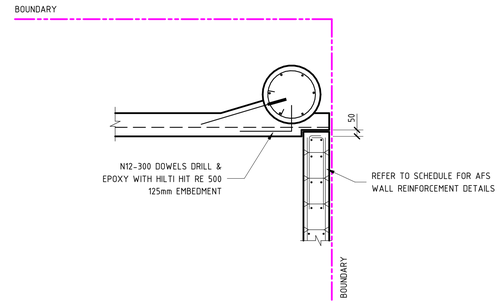
NOTE:
ALL STEPS TO BE LOCATED DIRECTLY OVER PIERS



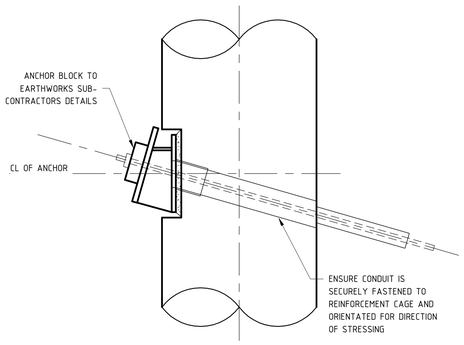
TYPICAL CAPPING BEAM CORNER DETAIL
SCALE 1 : 20



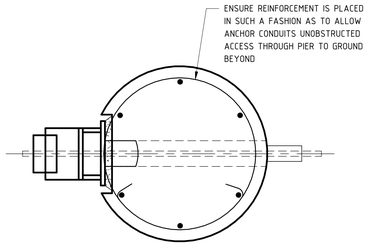
TYPICAL BORED PIER/SHOTCRETE WALL DETAILS
SCALE 1:20 @ B1



TYPICAL AFS TO SHORING WALL CONNECTION DETAIL
SCALE 1:20 @ B1

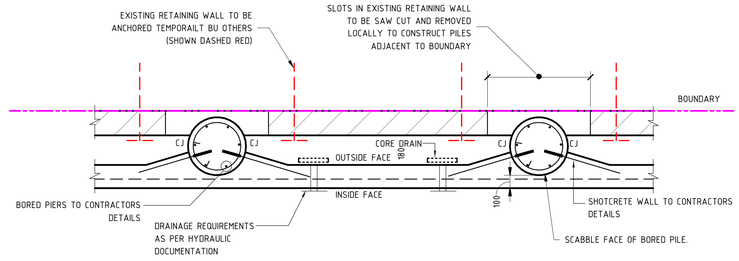


TYPICAL ANCHOR HEAD DETAIL
SCALE 1:10 @ A1

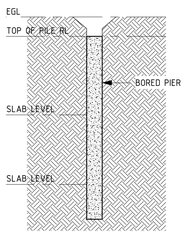


PLAN VIEW

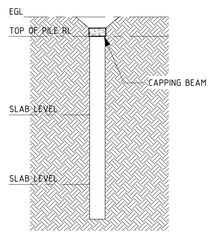
TYPICAL ANCHOR HEAD DETAIL
SCALE 1:10 @ A1



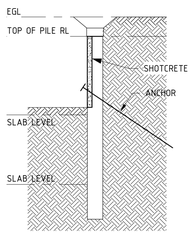
TYPICAL EXISTING RETAINING WALL AT PILE LOCATION DETAIL
SCALE 1:20 @ B1



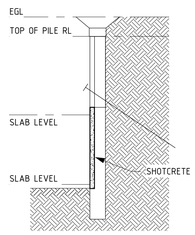
STAGE 1
SETOUT, DRILL & POUR SHORING PILE



STAGE 2
CONSTRUCT CAPPING BEAMS



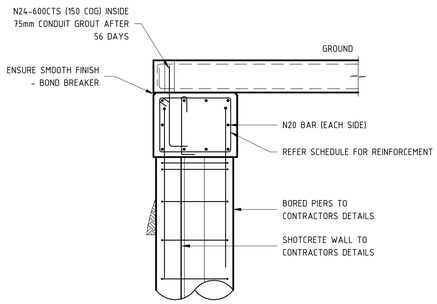
STAGE 3
EXCAVATE TO FIRST ANCHOR AND INSTALL GROUND ANCHOR
STRESS GROUND ANCHORS TO DESIGN LOADS AFTER SHOTCRETE IS MIN. 4 DAYS OLD
(LOCATE ANY EXISTING SERVICES PRIOR TO INSTALLING GROUND ANCHORS)
PLACE SHOTCRETE TO BASE OF EXCAVATION.
REFER TO GEOTECH FOR MAXIMUM RECOMMENDED



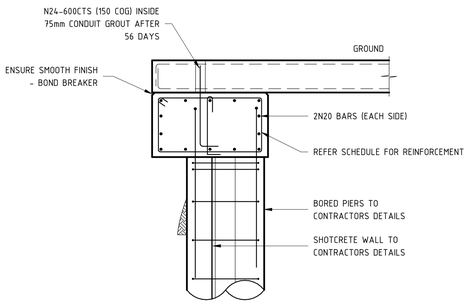
STAGE 4
EXCAVATE TO FINAL BULK EXCAVATION LEVEL
(SUBJECT TO GEOTECH APPROVAL)
PLACE SHOTCRETE TO BASE OF EXCAVATION.
REFER TO GEOTECH FOR MAXIMUM RECOMMENDED EXCAVATION PRIOR TO SHOTCRETING

SHORING CONSTRUCTION SEQUENCE
SCALE 1:100 @ A1

REFER TO SECTION "4 CONSTRUCTION SEQUENCE" ON
PAGE 18 OF SHORING DESIGN REPORT 210174-R3
DATED 29/04/2021 PREPARED BY: SMART
STRUCTURES AUSTRALIA



CAPPING BEAM SECTION - CB1
SCALE 1:20 @ B1



CAPPING BEAM SECTION - CB2
SCALE 1:20 @ B1

REFER TO SMART STRUCTURES AUSTRALIA SHORING DRAWINGS FOR SHORING DETAILS, PROJECT NUMBER 210174:

- S00.11[2] - GENERAL NOTES
- S00.12[2] - GENERAL NOTES
- S00.21[2] - SURVEY
- S01.11[3] - SHORING PLAN
- S01.21[3] - SHORING ELEVATIONS
- S01.31[3] - SHORING DETAILS
- S01.41[2] - SHORING SECTIONS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	ISSUED FOR CONSTRUCTION	MM	06.05.2020	GC
A	ISSUED FOR CONSTRUCTION CERTIFICATE	MM	19.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	04.03.2021	GC
2	ISSUED FOR INFORMATION	MM	03.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

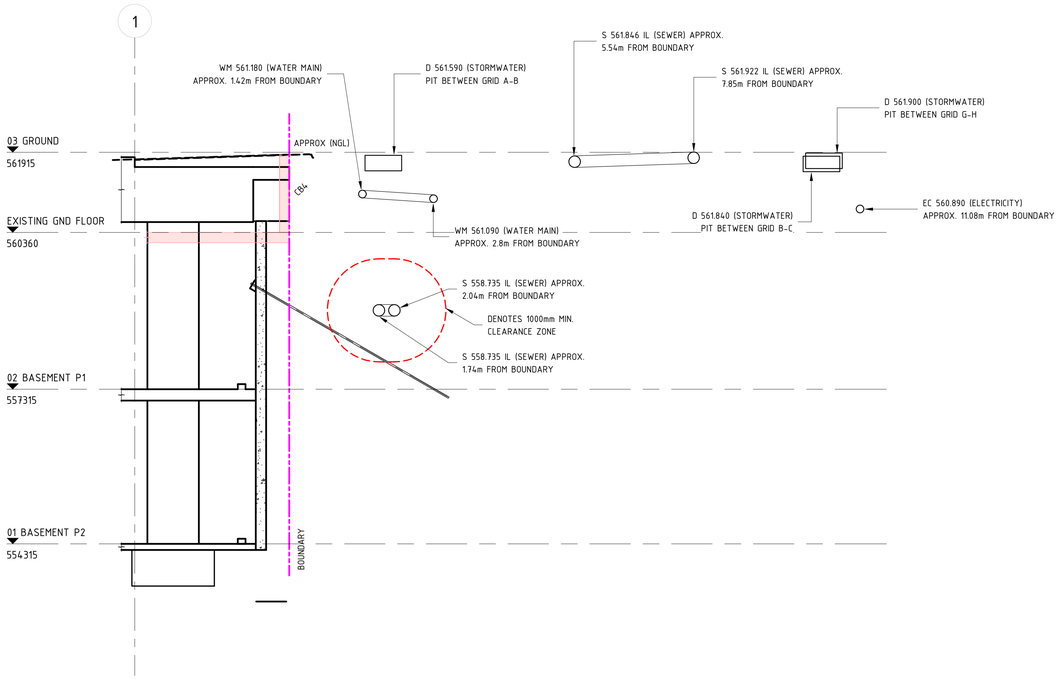
DRAWING TITLE
TYPICAL BORED PIER DETAILS - SHEET 1

NORTH POINT

PROJECT No. 7774

DRAWING No. E032

AMDT B



1 E100 SECTION
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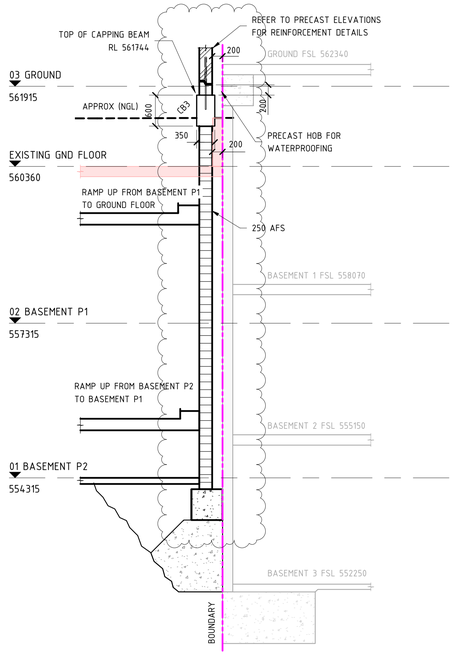

2 E100 SECTION
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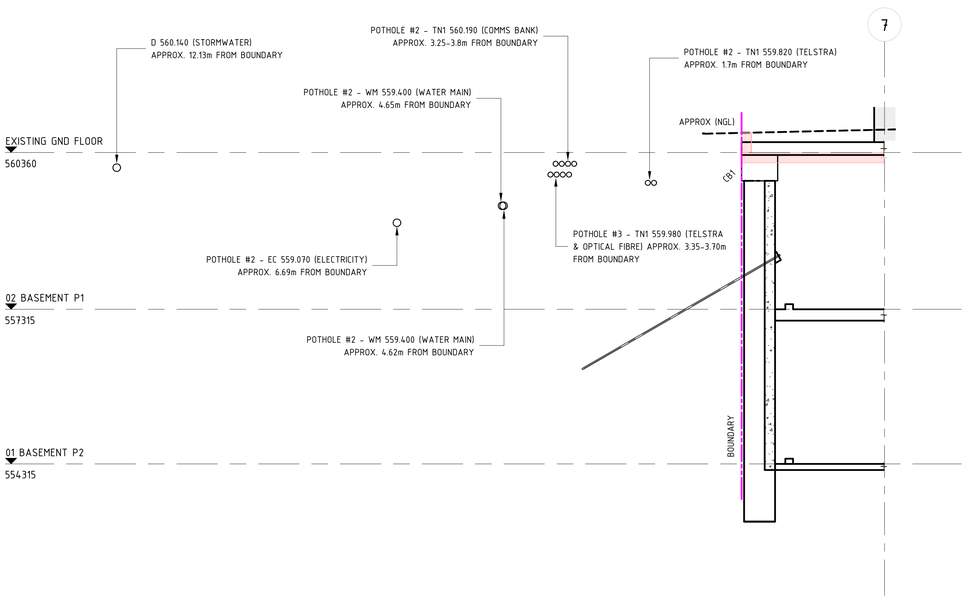

3 E100 SECTION
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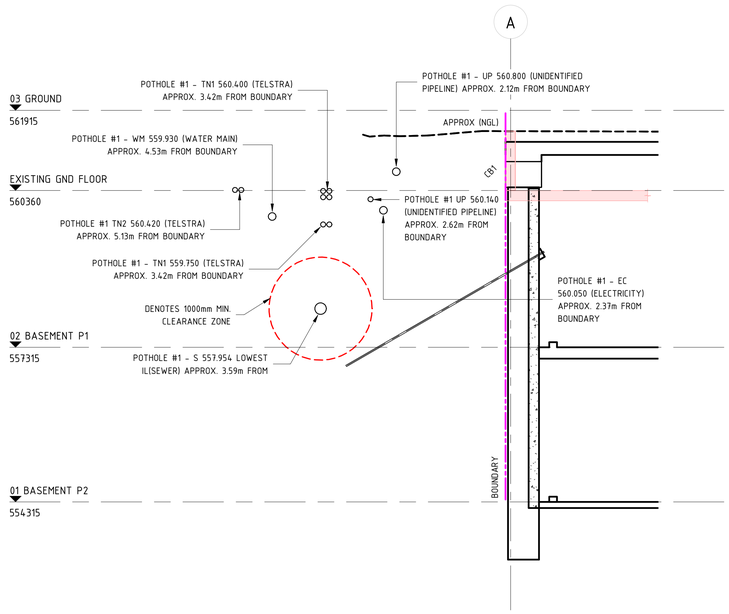

4 E100 SECTION
SCALE 1 : 50 @ B1

REFER TO SMART STRUCTURES AUSTRALIA SHORING DRAWINGS FOR SHORING DETAILS, PROJECT NUMBER 210174:

- S00.11[2] - GENERAL NOTES
- S00.12[2] - GENERAL NOTES
- S00.21[2] - SURVEY
- S01.11[3] - SHORING PLAN
- S01.21[3] - SHORING ELEVATIONS
- S01.31[3] - SHORING DETAILS
- S01.41[2] - SHORING SECTIONS

BCA certifiers
ABN: 58 119 755 734

SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

PILING PLANS/ELEVATION/SECTION INDICATIVE ONLY. D&C PILING CONTRACTOR TO CONFIRM ALL PILED WALL DETAILS. DESIGN, CERTIFICATION AND INSTALLATION BY SPECIALIST PILING CONTRACTOR.

NOTE:
1. LEVELS PROVIDED ARE FOR INFORMATION ONLY. REFER TO ARCHITECT'S DRAWINGS FOR FINAL LEVELS.
2. ALL ANCHOR LOCATIONS TO BE CONFIRMED WITH FLOOR SLABS.
3. TEMPORARY PILING PLATFORM, BENCHING AND SHORING REQUIRED DURING CONSTRUCTION TO BE PROVIDED BY OTHERS.
4. ALL SERVICES TO BE LOCATED PRIOR TO COMMENCMENT OF EXCAVATION, INSTALLATION OF PILES/ANCHORS AND CUTTING OF BATTERS.
5. TEMPOARY ANCHORS TO BE DE-STRESSED AFTER STRUCTURE UP TO LOWER GROUND FLOOR IS POURED AND CAPPING BEAM DOWELS HAVE BEEN GROUTED AFTER 56 DAYS.

EXCAVATION AND GEOTECHINCAL INSPECTION:
- DURING EXCAVATION CLOSE INSPECTION OF THE ROCK BY A QUALIFIED GEOTECHNICAL ENGINEER WILL NEED TO BE CARRIES OUT TO CHECK THAT ROCK ANCHORS ARE SUFFICIENT OR IF ADDITONAL ANCHORS ARE REQUIRED.
- FULL EXTENT OF ANCHORS OR BOLTS TO BE DETERMINED ONCE EXCAVATION HAS BEEN CARRIED OUT IF REQUIRED.

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
H	REVISED AS CLOUDED	DS	28.10.2021	SS
G	REVISED AS CLOUDED	DS	22.10.2021	GC
F	REVISED AS CLOUDED	DS	10.09.2021	GC
E	RE-ISSUED FOR CONSTRUCTION	MM	06.07.2021	GC
D	RE-ISSUED FOR CONSTRUCTION	MM	05.07.2021	GC
C	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
B	ISSUED FOR CONSTRUCTION	MM	06.05.2021	GC
A	ISSUED FOR CONSTRUCTION CERTIFICATE	MM	19.04.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	04.03.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CONSULT AUSTRALIA

APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BORED PIER DETAILS - SHEET 2

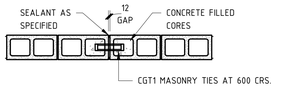
NORTH POINT

PROJECT No. 7774

DRAWING No. E033

AMDT H

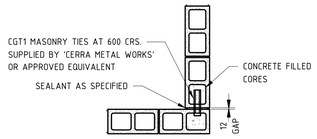
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF THE BLOCK WALL

BLOCKWORK CONTROL JOINT

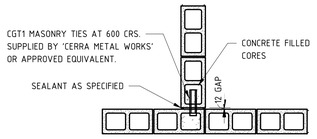
(UNREINFORCED) (RECOMMENDED EVERY 5m AND AT CONSTRUCTION JOINTS UNO)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 90 DEGREES CORNER

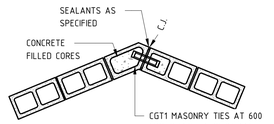
(UNREINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 'T' INTERSECTION

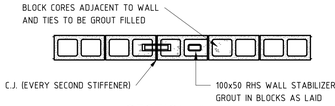
(UNREINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

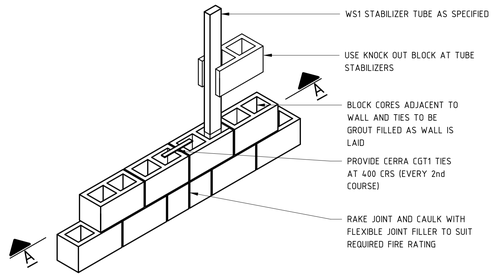
BLOCKWORK CONTROL JOINT - AT 45 DEGREES CORNER

(UNREINFORCED)
SCALE 1:20



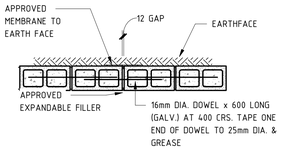
SECTION A-A

SCALE 1:20



CONTROL JOINT WITH STABILIZER TUBE

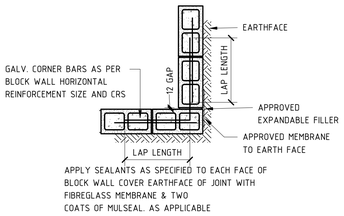
(UNREINFORCED 150 AND 200 SERIES BLOCKWORK)
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

RETAINING BLOCKWORK CONTROL JOINT

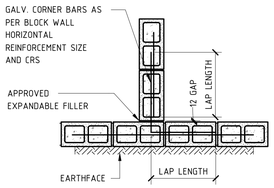
(RECOMMENDED EVERY 7.5m UNO)
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

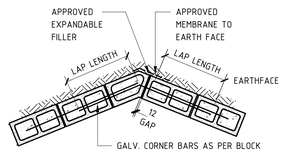
RETAINING BLOCKWORK CONTROL JOINT - JOINT AT 90 DEGREES CORNER

SCALE 1:20



RETAINING BLOCKWORK AT 'T' INTERSECTION

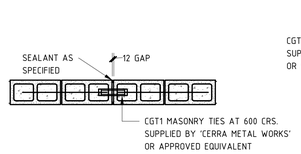
SCALE 1:20



APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL COVER EARTHFACE OF JOINT WITH FIBREGLASS MEMBRANE & TWO COATS OF MULSEAL. AS APPLICABLE

RETAINING BLOCKWORK CONTROL JOINT - JOINT AT 45 DEGREES CORNER

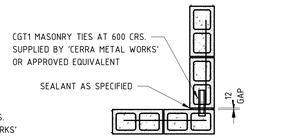
(REINFORCED)
SCALE 1:20



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF THE BLOCK WALL

BLOCKWORK CONTROL JOINT

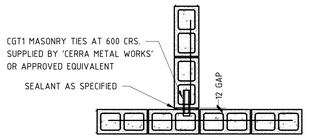
(REINFORCED) (RECOMMENDED EVERY 7.5m UNO)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL.

BLOCKWORK CONTROL JOINT AT 90 DEGREES CORNER

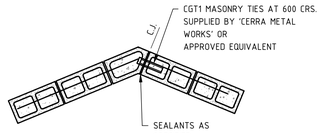
(REINFORCED)
SCALE 1:20



CONTROL JOINTS TO BE VERTICAL FOR FULL HEIGHT OF WALL, APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALL

BLOCKWORK CONTROL JOINT AT 'T' INTERSECTION

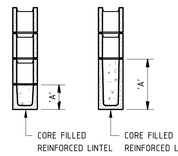
(REINFORCED)
SCALE 1:20



CONTROL JOINT TO BE VERTICAL FOR FULL HEIGHT OF WALL,
APPLY SEALANTS AS SPECIFIED TO EACH FACE OF BLOCK WALLS.

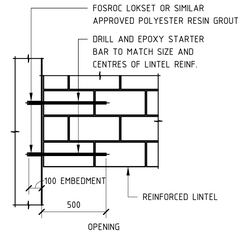
BLOCKWORK CONTROL JOINT - AT 45 DEGREES CORNER

(REINFORCED)
SCALE 1:20



TYPICAL LINTEL DETAILS

LINTEL SCHEDULE						
SPAN	DIM 'A'	DIM 'B'	REINFORCEMENT			END BEARING
			BOTTOM	TOP	TIES	
UP TO 500	200	140, 190	1N12	-	-	200 MIN
501-1800	300	190	1N16	-	-	200 MIN
501-3000	400	140	1N20	-	-	200 MIN
1801-3000	400	190	1N20	-	-	200 MIN
3001-3600	400	190	2N20	-	-	200 MIN



LINTEL SUPPORT TO R.C. WALL OR COLUMN

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BLOCKWORK DETAILS - SHEET 1

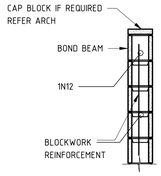
NORTH POINT

PROJECT No. 7774

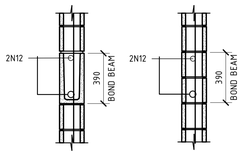
DRAWING No. E034

AMDT A

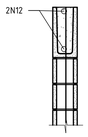
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



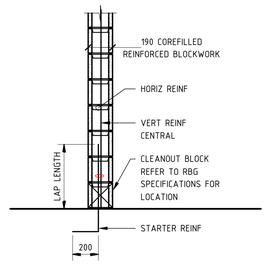
TYPICAL BLOCKWORK UPSTAND
(REINFORCED)
SCALE 1:20



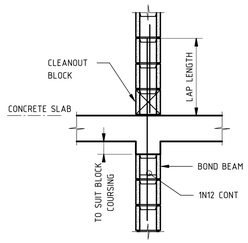
TYPICAL BOND BEAM DETAILS
SCALE 1:20



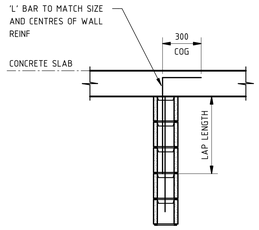
TYPICAL LOAD BEARING RETAINING BLOCKWORK INCORPORATING A BOND BEAM
SCALE 1:20



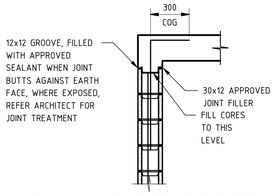
TYPICAL BLOCKWORK STARTER DETAIL
SCALE 1:20



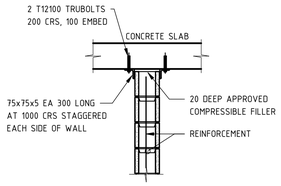
LOAD BEARING BLOCKWORK AT INTERMEDIATE SLAB
SCALE 1:20
NOTE: BLOCKWALL SHALL NOT INTRUDE INTO SOFFIT OF SLAB BY MORE THAN 10mm



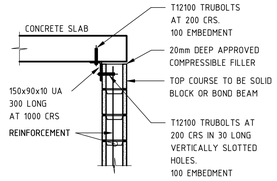
LOAD BEARING BLOCKWORK TO UNDERSIDE OF SLAB
SCALE 1:20
NOTE: BLOCKWALL SHALL NOT INTRUDE INTO SOFFIT OF SLAB BY MORE THAN 10mm



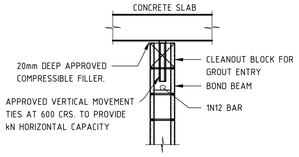
TYPICAL LOAD BEARING RETAINING BLOCKWORK TO UNDERSIDE OF SLAB
SCALE 1:20



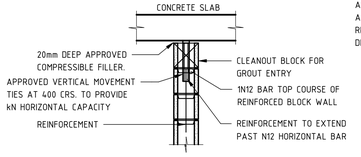
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED OR UNREINFORCED)
SCALE 1:20



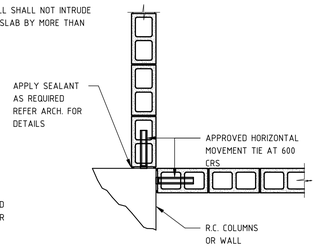
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED OR UNREINFORCED)
SCALE 1:20



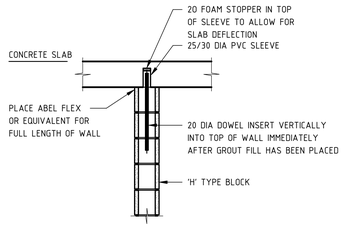
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(UNREINFORCED)
SCALE 1:20



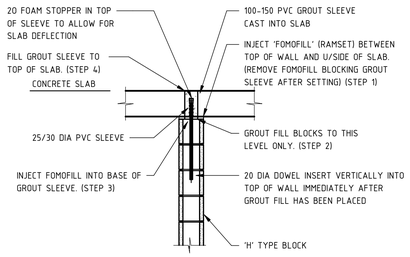
NON-LOAD BEARING BLOCKWORK TO U/SIDE OF SLAB
(REINFORCED)
SCALE 1:20



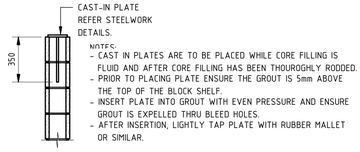
BLOCKWORK TO CONCRETE
(REINFORCED OR UNREINFORCED)
SCALE 1:20



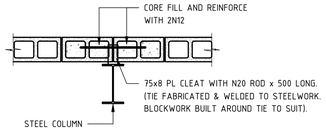
NON-LOAD BEARING BLOCKWORK CONSTRUCTED PRIOR TO SLAB
(UNREINFORCED)
SCALE 1:20



NON-LOAD BEARING BLOCKWORK CONSTRUCTED AFTER SLAB
(UNREINFORCED)
SCALE 1:20



CAST-IN PLATE DETAIL
SCALE 1:20



BLOCKWORK TO STEEL COLUMN
SCALE 1:20

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMDED BY
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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APPROVED	MM
CHECKED	MM
DESIGNED BY	MM/DP
DRAWN BY	GC/SS
CAD FILE	
SCALE	1 : 20

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
TYPICAL BLOCKWORK DETAILS - SHEET 2

NORTH POINT

PROJECT No. 7774

DRAWING No. E035

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
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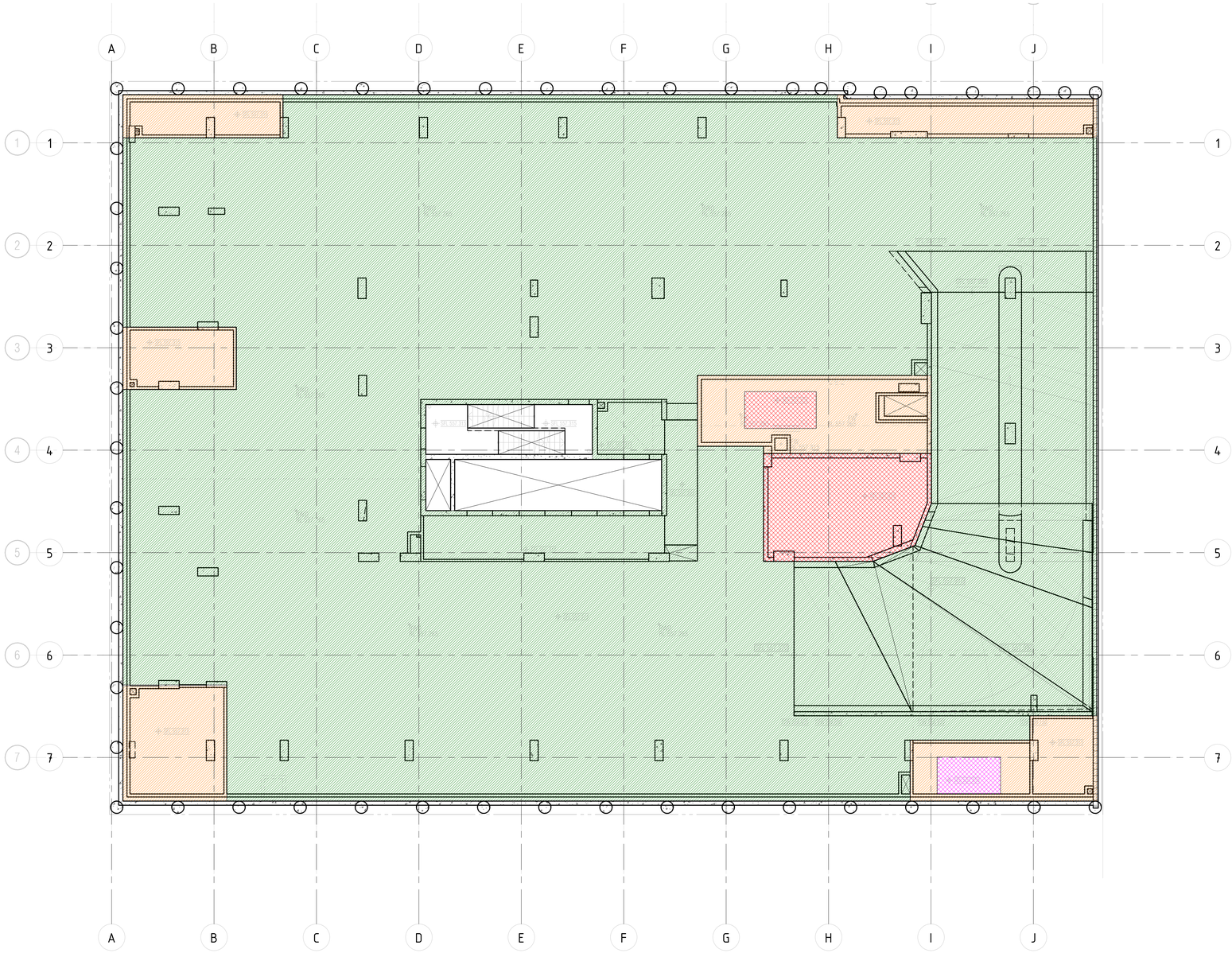

BASEMENT P1 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	WATER TANK	0.5 kPa	30.0 kPa
	CAR PARK/RAMP	0.5 kPa	2.5 kPa
	PLANT	0.5 kPa	7.5 kPa
	WATER TANK	0.5 kPa	15.3 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
B	REVISED AS CLOUDED	DS	26.10.2021	SS
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
5	REVISED AS CLOUDED	MM	16.04.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT P1 LOADING PLAN

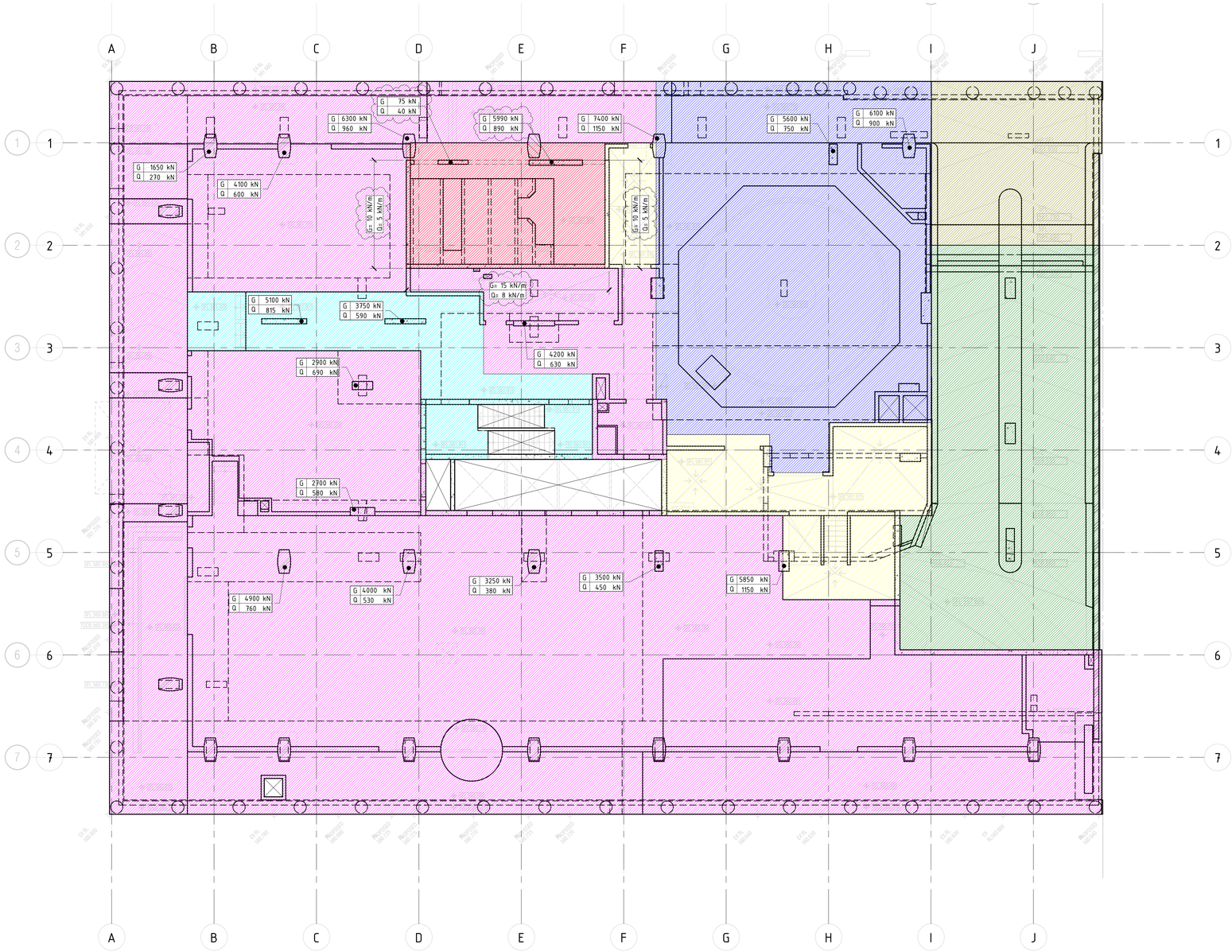
NORTH POINT

PROJECT No. 7774

DRAWING No. E050

AMDT B

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



GROUND FLOOR LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RAMP	0.5 kPa	2.5 kPa
	ENTRY RAMP	2.5 kPa	2.5 kPa
	LOADING DOCK	2.5 kPa	10.0 kPa
	TURNTABLE	6.5 kPa	10.0 kPa
	SUB-STATION	5.0 kPa	10.0 kPa
	RETAIL	2.5 kPa	5.0 kPa
	FIRE ESCAPE	0.5 kPa	4.0 kPa
	WASTE AREA	0.5 kPa	7.5 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
D	REVISED AS CLOUDED	DS	06.12.2021	GC
C	REVISED AS CLOUDED	DS	02.12.2021	GC
B	REVISED AS CLOUDED	DS	26.10.2021	SS
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
GROUND FLOOR LOADING PLAN

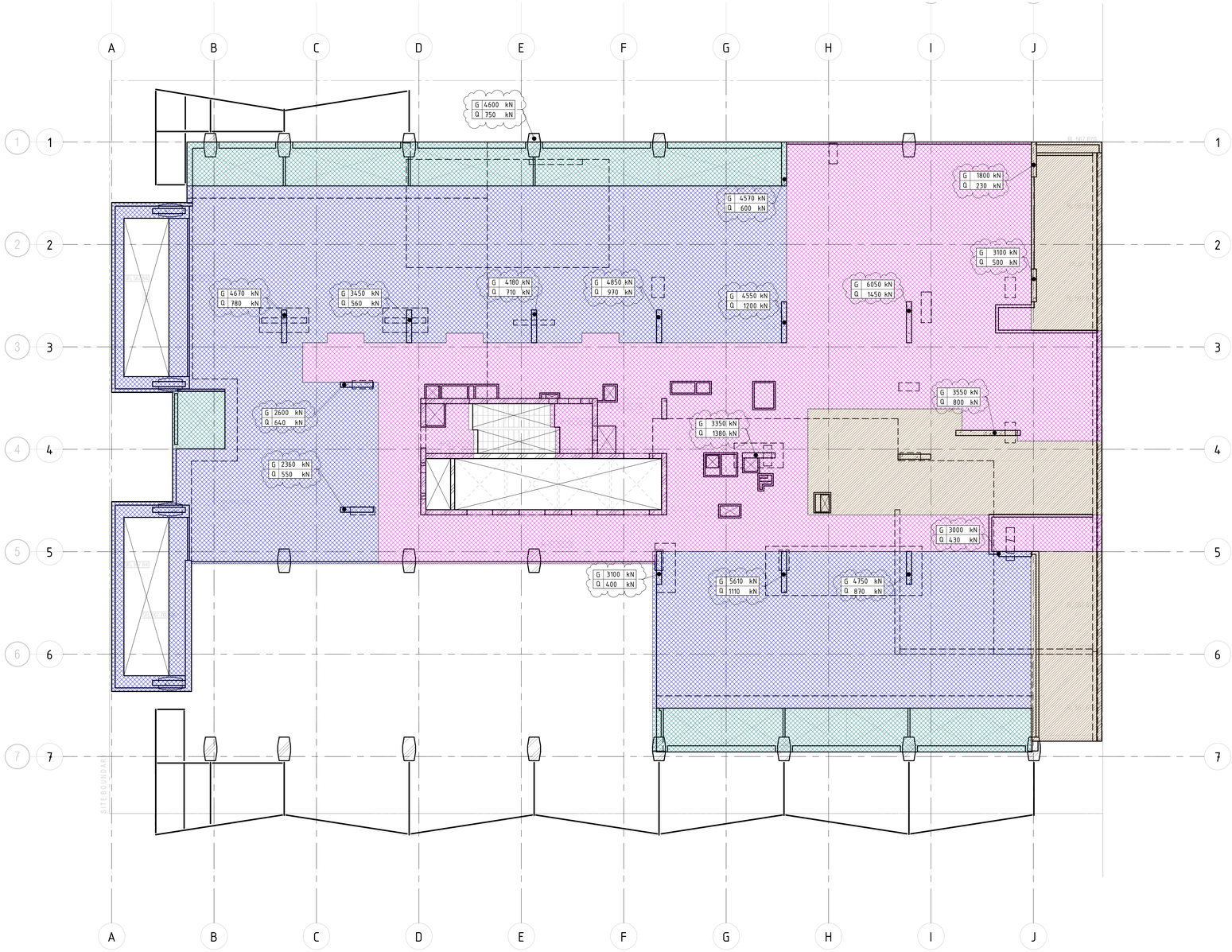
NORTH POINT

PROJECT No. 7774

DRAWING No. E051

AMDT D

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



LEVEL 1 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	PLANT	2.0 kPa	5.0 kPa
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 1 LOADING PLAN

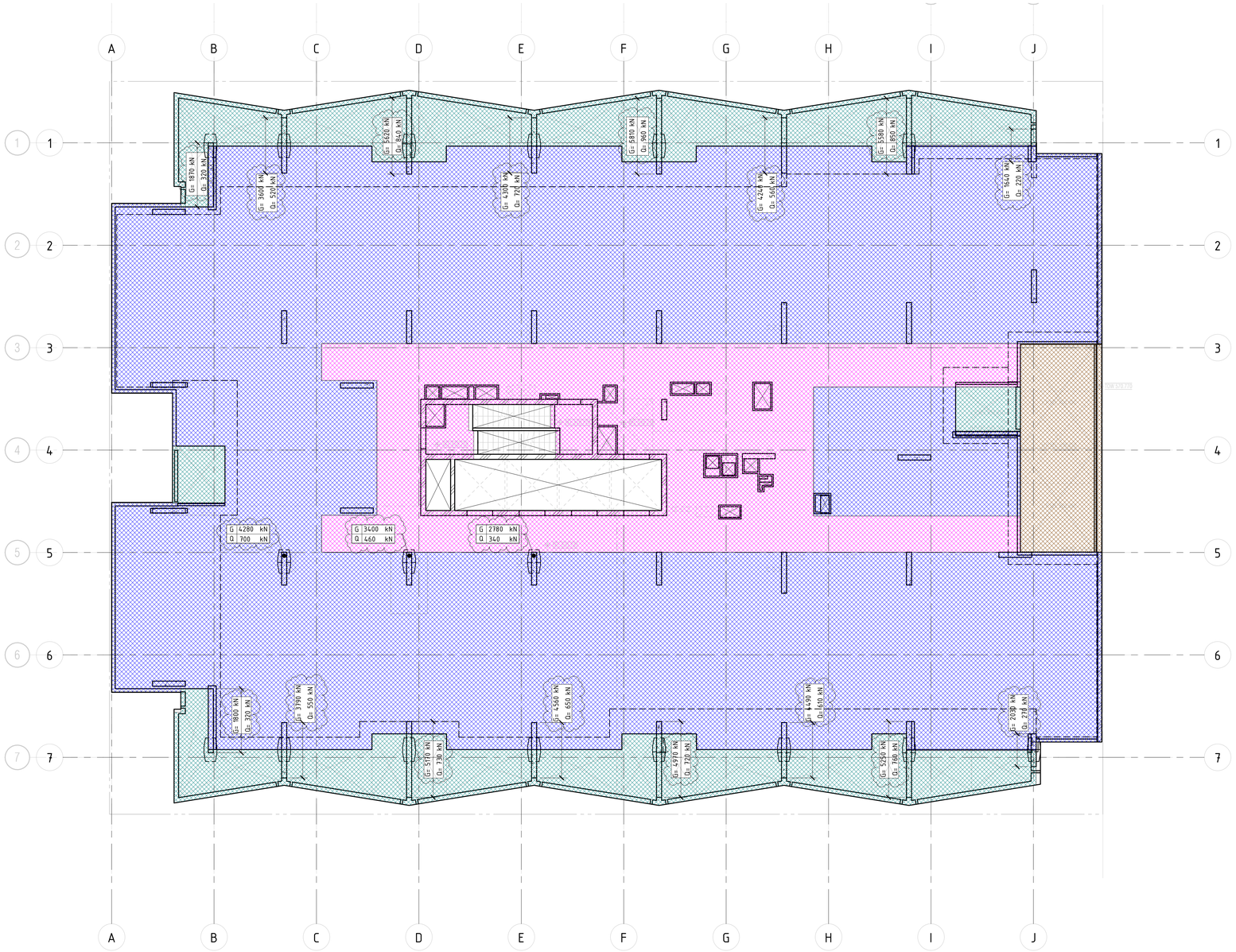
NORTH POINT

PROJECT No. 7774

DRAWING No. E052

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



LEVEL 2 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa
	ROOF	0.25 kPa	0.5 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVEL 2 LOADING PLAN

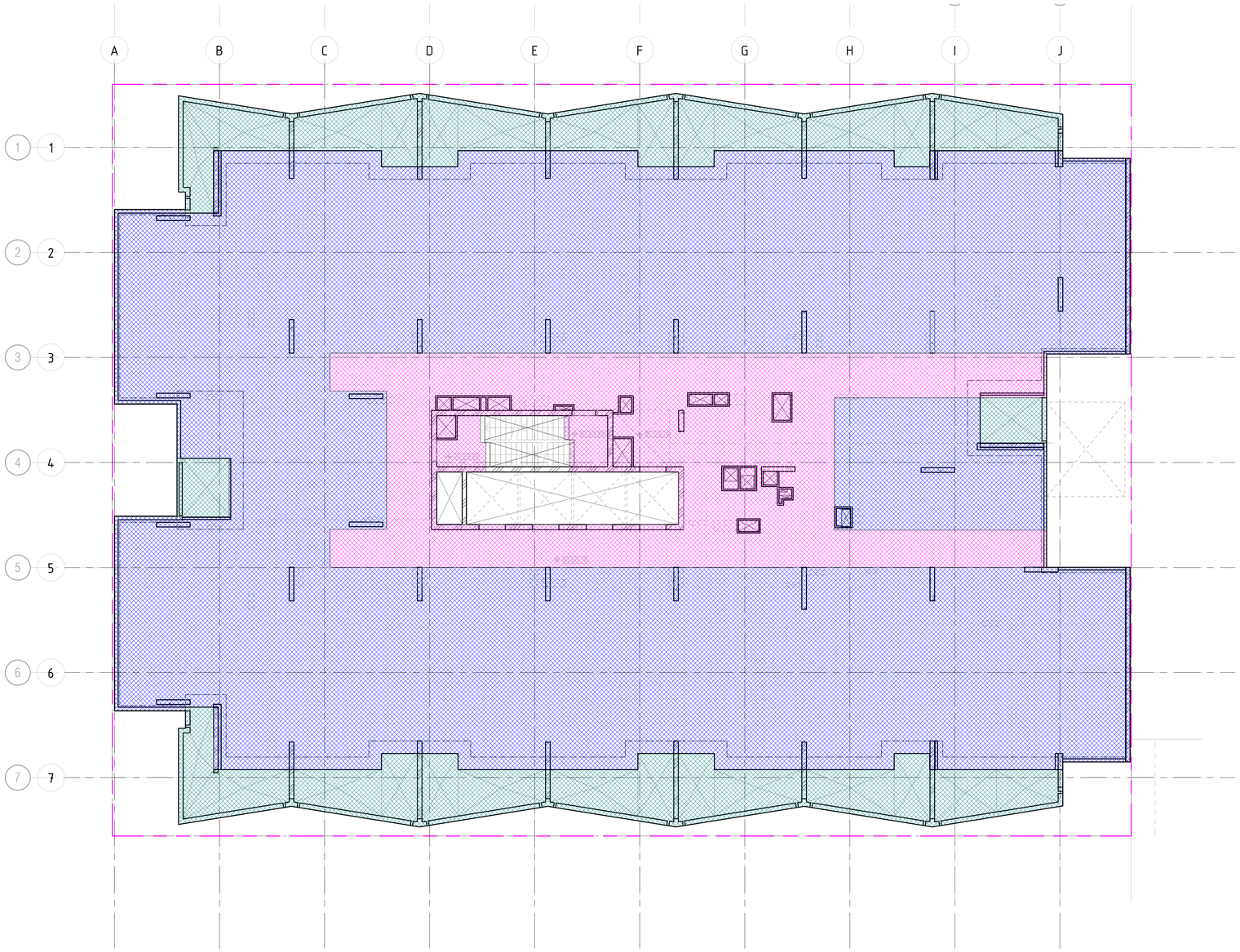
NORTH POINT

PROJECT No. 7774

DRAWING No. E053

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



LEVEL 4, 6, 8 AND 10 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
3	ISSUED FOR TENDER	MM	13.04.2021	GC
2	ISSUED FOR TENDER	MM	19.03.2021	GC
1	ISSUED FOR TENDER	MM	04.03.2021	GC

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DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
LEVELS 4, 6, 8 AND 10 LOADING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E054

AMDT A

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
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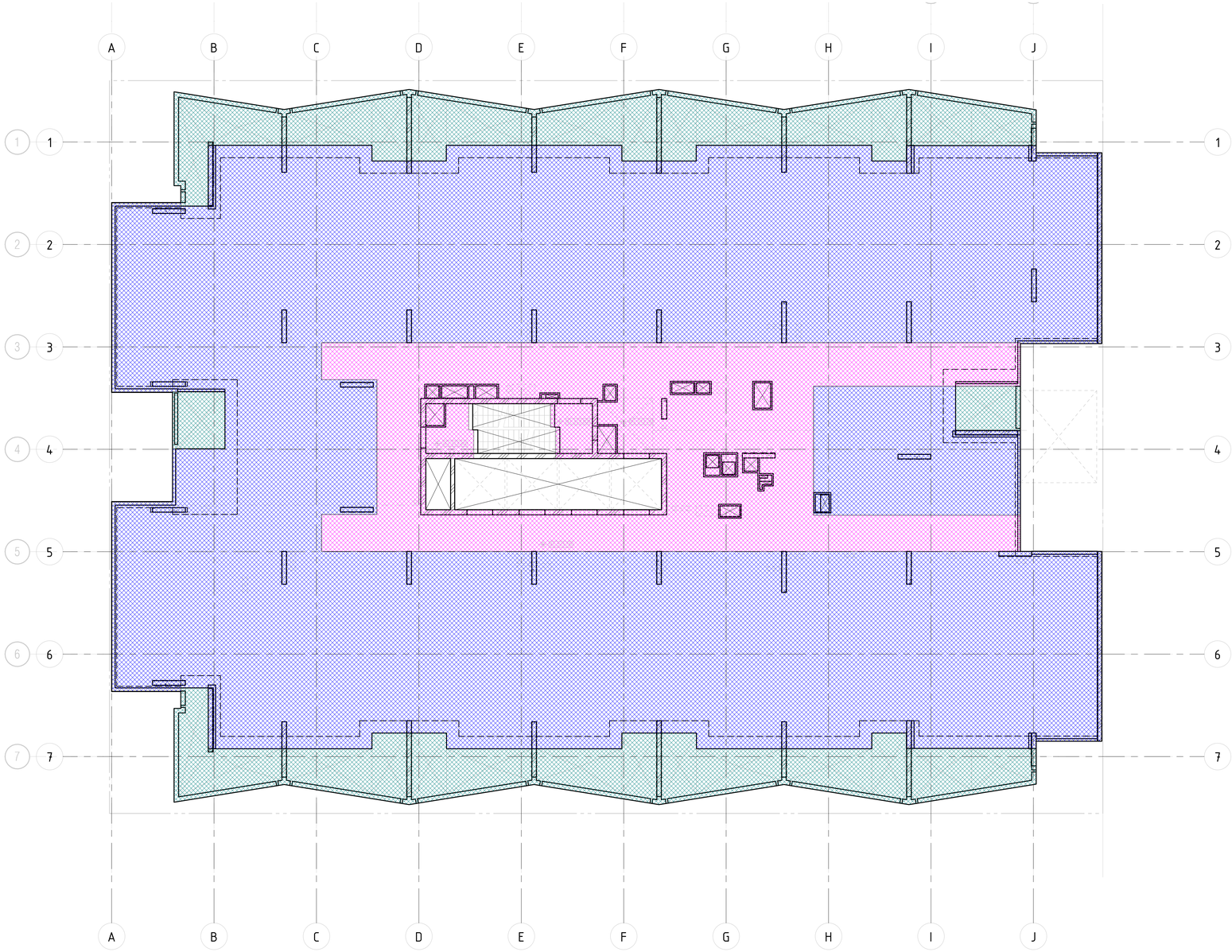
Block 4 Section 12
City



LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN

SCALE 1 : 100 @ B1

LOADING LEGEND			
TAG	AREA	SDL	LL
	RESIDENTIAL	1.5 kPa	1.5 kPa
	BALCONY	1.5 kPa	2.0 kPa
	LOBBY/COMMON	1.5 kPa	4.0 kPa

PRINT DRAWING IN COLOUR

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
A	ISSUED FOR CONSTRUCTION	DS	26.10.2021	SS
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

ARCHITECT / BUILDING DESIGNER
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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

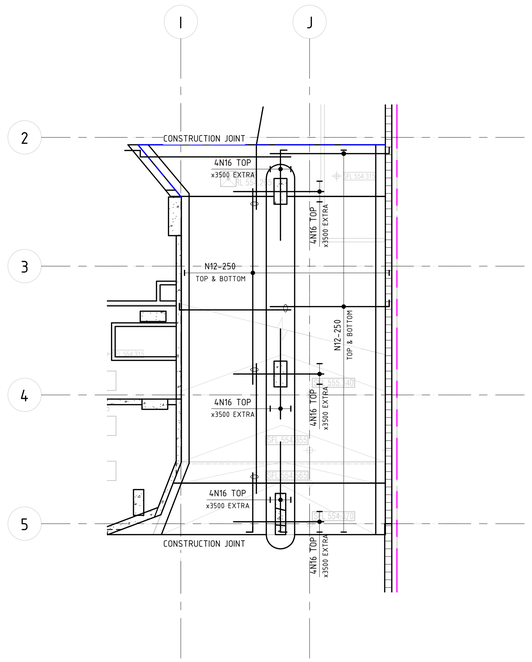
DRAWING TITLE
LEVELS 3, 5, 7, 9 AND 11 LOADING PLAN

NORTH POINT

PROJECT No. 7774

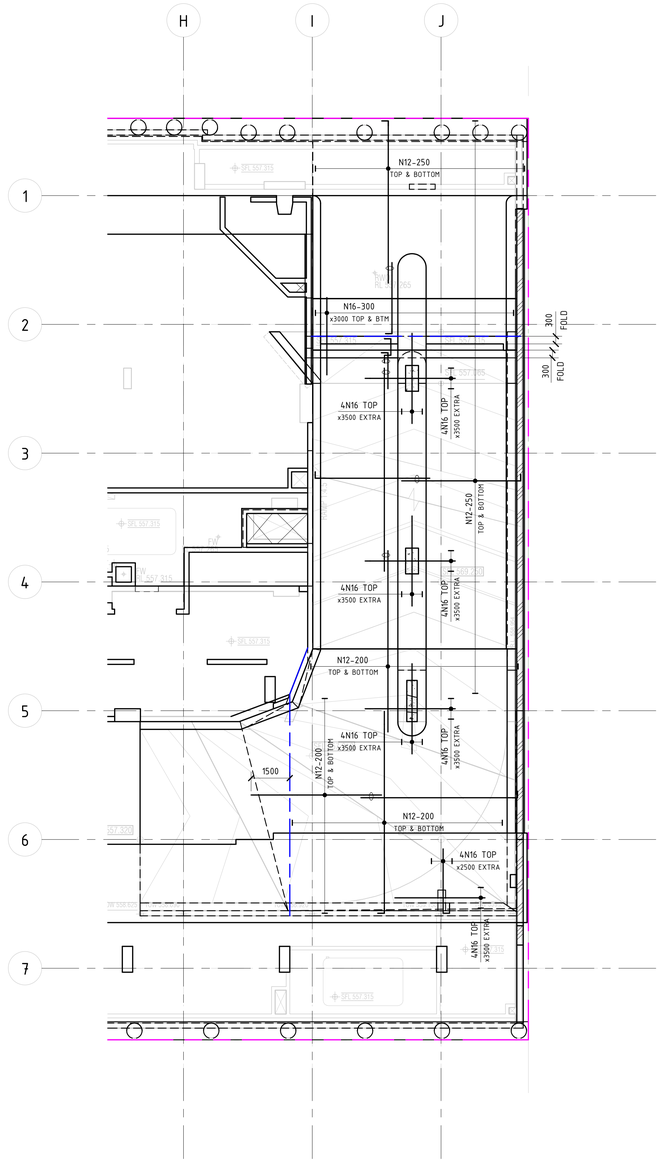
DRAWING No. E055

AMDT A



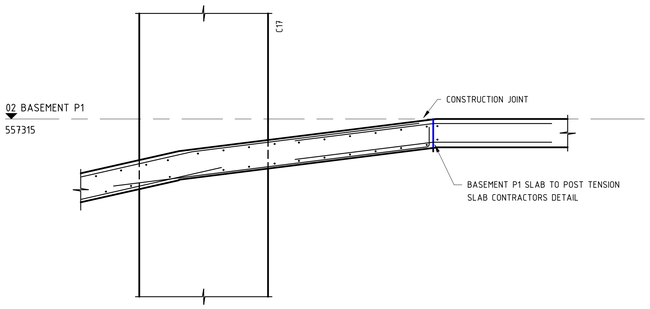
BASEMENT P2 TO P1 RAMP REINFORCEMENT PLAN

SCALE 1 : 100 @ B1



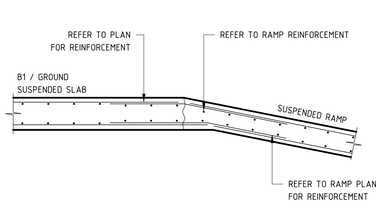
BASEMENT P1 TO GROUND RAMP REINFORCEMENT PLAN

SCALE 1 : 100 @ B1



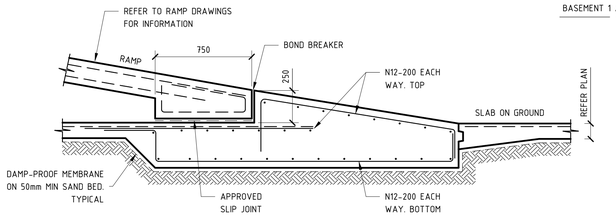
P2 TO P1 RAMP INTERFACE AT BASEMENT P1 LEVEL DETAIL

SCALE 1 : 20 @ B1



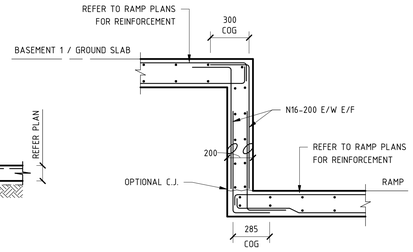
TYPICAL RAMP TRANSITION

SCALE 1 : 20 @ B1



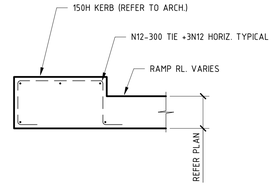
TYPICAL RAMP BASE DETAIL

SCALE 1 : 20 @ B1



TYPICAL SLAB TO RAMP DOWNTURN DETAIL

SCALE 1 : 20 @ B1



TYPICAL RAMP KERB

SCALE 1 : 20 @ B1

NOTE: ENSURE ALL STEEL FIXERS ARE FAMILIAR WITH THE BAR LAYING SEQUENCE BEFORE COMMENCING ANY WORK ON SITE.

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Block 4 Section 12
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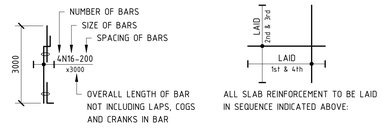
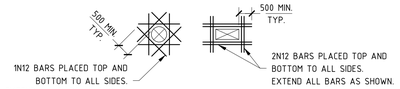
REINFORCEMENT NOTES

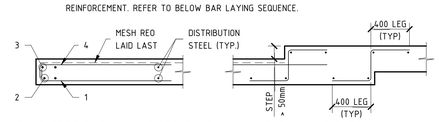
1. ALL BARS DENOTED AS 'N' (eg. N12) SHALL BE DEFORMED RIBBED BARS, GRADE 500N
2. ALL BARS DENOTED AS 'R' (eg. R10) SHALL BE ROUND BARS. GRADE 250N
3. ALL SQUARE AND RECTANGULAR MESHES DENOTED AS 'SL' & 'RL' (eg. SL82) SHALL COMPRISE OF DEFORMED RIBBED BARS, GRADE 500N
4. ALL REINFORCEMENT SHALL COMPLY WITH AS/NZS 4671-2001
5. BAR TAG NOTATION:



6. ▶ DENOTES PAN REINFORCEMENT REQUIRED. REFER TO S002 FOR SIZE AND LAYOUT OMITTED FROM PLAN FOR CLARITY PURPOSES.
7. ENSURE ALL CROSS RODS LAPPED 600mm MIN. AT ALL RE-ENTRANT CORNERS REINFORCEMENT BARS TO OVERLAP.
8. REFER TO TYPICAL STEP DOWN DETAILS FOR ADDITIONAL REINFORCEMENT N.S.O.P.
9. CONSTRUCTION MESH REQUIRED IN BEAM OR SLAB DEPTHS GREATER THAN 300mm IS NOT TO BE ACCOUNTED FOR AS PART OF THE PT DESIGN
10. ▨ DENOTES SL82 MESH TOP ADDITIONAL TO ALL EXTERNAL AREAS U.N.O.
11. DENOTES BAR COUPLERS TO BE USED AT TEMPORARY HOIST AND CRANE PENETRATION LOCATIONS.
12. PROVIDE TRIMMER BAR REINFORCEMENT ONLY WHERE A PENETRATION IS GREATER THAN 300mm x 300mm AND UP TO AND INCLUDING 900mm x 900mm. SUCH PENETRATIONS SHALL HAVE THE FOLLOWING MIMIMUM REINFORCEMENT SHOWN BELOW



13. PROVIDE N12-900 DISTRIBUTION BARS WHERE NECESSARY TO SUPPORT MAIN REINFORCEMENT. REFER TO BELOW BAR LAYING SEQUENCE.



SLAB EDGE BAR LAYING SEQUENCE

TYPICAL STEP DETAIL

NOTE: NUMBERS DENOTE LAYOUT SEQUENCE

SLAB LEVEL	COVERS (mm)		
	BOTTOM	TOP	SIDE
SUSPENDED RAMP	30	20	20

BAR LAP & ANCHORAGE

BAR	LAP LENGTH	
	WHERE CONC. BELOW BAR IS LESS THAN OR EQUAL TO 300	WHERE CONC. BELOW BAR IS GREATER THAN 300
N12	500	700
N16	700	900
N20	900	1200
N24	1100	1500
N28	1400	1800
N32	1600	2100
N36	1800	2300

NOTE:
ALL LAPS TO BE CONTACT SPLICES

LEVELS NOTE:
LEVELS ARE INDICATIVE ONLY.
ALL LEVELS AND DIMENSIONS TO BE TO BE CONFIRMED BY THE ARCHITECT.

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMDED BY
E	REVISED AS CLOUDED	DS	16.11.2021	GC
D	REVISED AS CLOUDED	DS	28.10.2021	SS
C	REVISED AS CLOUDED	DS	22.10.2021	GC
B	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
A	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
4	ISSUED FOR TENDER	MM	13.04.2021	GC
3	ISSUED FOR TENDER	MM	19.03.2021	GC
2	ISSUED FOR TENDER	MM	04.03.2021	GC
1	DRAFT CONCRETE TENDER	MM	19.02.2021	GC

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DESIGNED BY	DS
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CAD FILE	
SCALE	As indicated

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
RAMP REINFORCEMENT & DETAILS

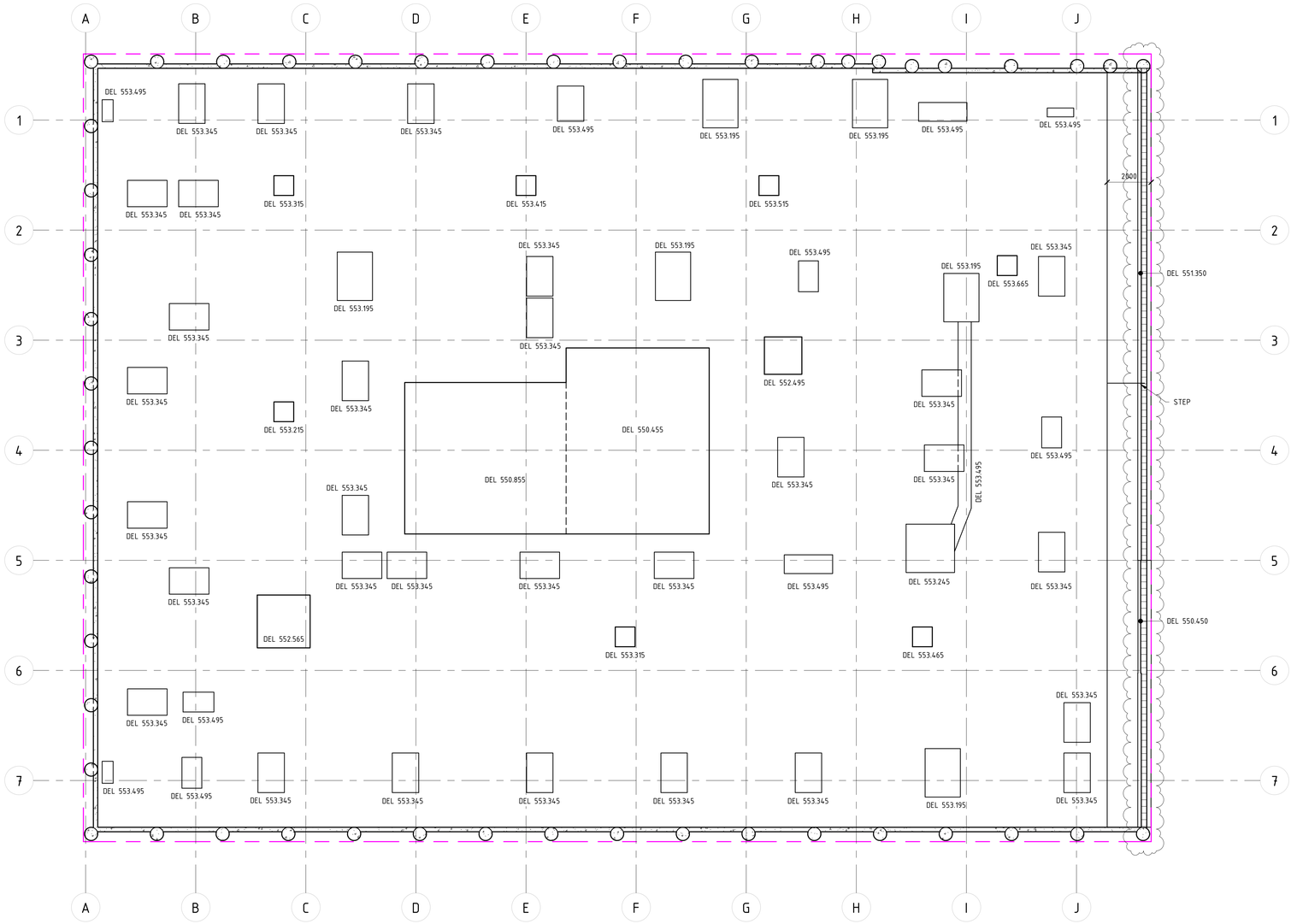
NORTH POINT

PROJECT No. 7774

DRAWING No. E081

AMDT E

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City



DETAILED EXCAVATION MARKING PLAN

SCALE 1 : 100 @ B1

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
F	REVISED AS CLOUDED	DS	28.10.2021	SS
E	REVISED AS CLOUDED	DS	22.10.2021	GC
D	REVISED AS CLOUDED	DS	19.10.2021	GC
C	REVISED AS CLOUDED	DS	01.10.2021	GC
B	REVISED AS CLOUDED	DS	30.09.2021	GC
A	ISSUED FOR CONSTRUCTION	DS	24.09.2021	GC
1	ISSUED FOR TENDER	MM	13.04.2021	GC

ARCHITECT / BUILDING DESIGNER

FENDER KATSALIDIS

CLIENT

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

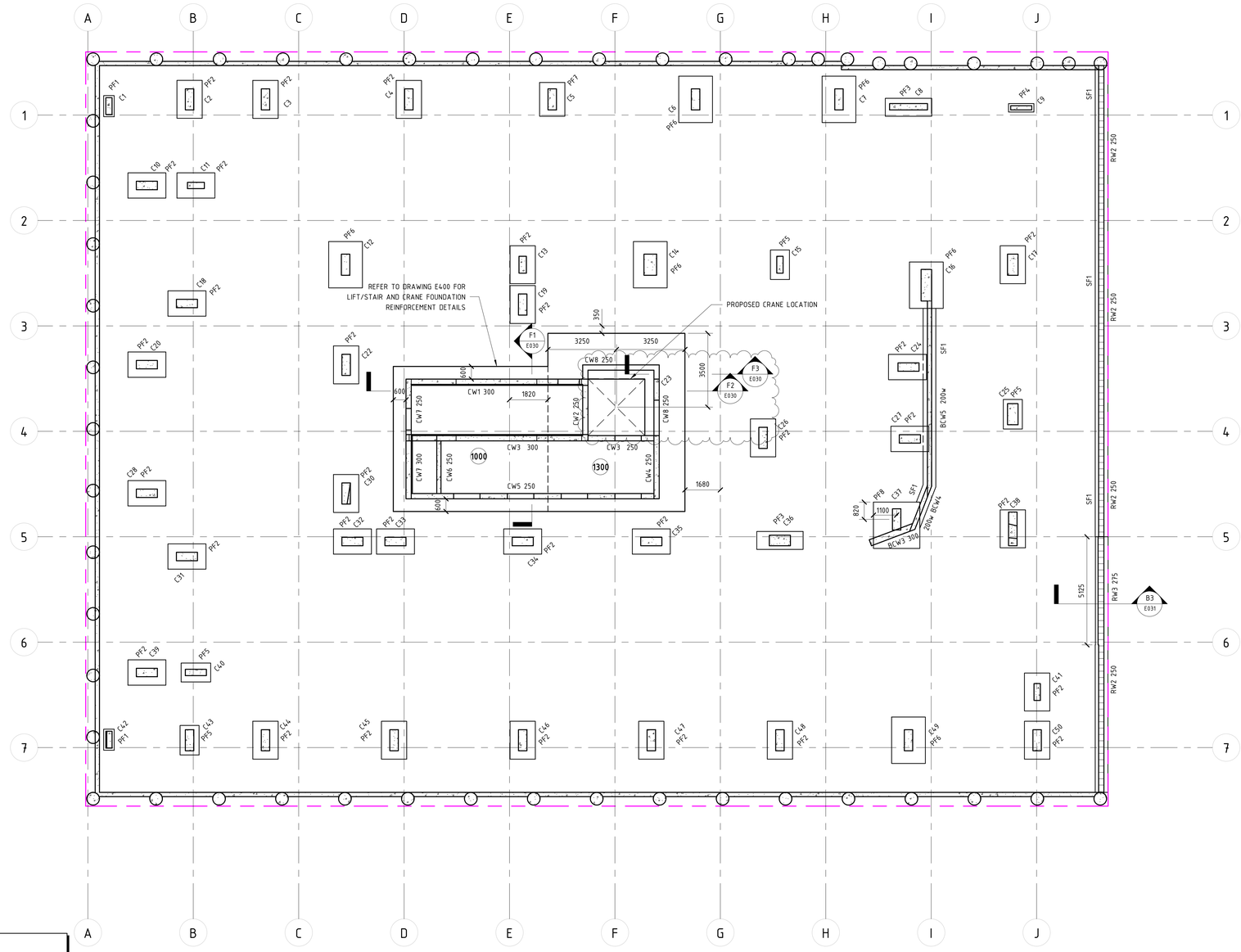
DRAWING TITLE
DETAILED EXCAVATION MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E103

AMDT F



FOOTING MARKING PLAN

SCALE 1 : 100 @ B1

FOOTING NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. FOR ALLOWABLE BEARING PRESSURE REFER TO FOOTING SCHEDULE
3. BUILDER TO CONFIRM ALL TOP OF FOOTING LEVELS WITH ARCHITECT PRIOR TO CONSTRUCTION
4. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL CONCRETE COLUMNS TO BE INSTALLED CENTRALLY ON FOOTINGS U.N.O.
6. REFER TO DRAWING E030 FOR SECTIONS AND REINFORCEMENT DETAILS
7. VERIFY FOOTINGS TO BE INSTALLED BELOW ZONE OF INFLUENCE
8. FOOTINGS TAKE PRECEDENCE OVER HYDRAULIC & MECHANICAL SERVICES
9. REFER TO DRAWING E005 FOR COLUMN SCHEDULE

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
TANKS - REFER TO DRAWING E620 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS
STARTER BARS DETAILS - REFER TO DRAWING E018 FOR DETAILS

EXTERNAL REFERENCES
THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING:	FENDER KATSALIDIS /19125 - A1098 - CONCRETE PROFILE REV - H

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG SIZE
PAD FOOTINGS	40MPa	20
STRIP FOOTINGS	40MPa	20
CORE PAD FOOTING	40MPa	20

ELEMENT	TOP CLEAR COVER	BOTTOM CLEAR COVER	SIDE CLEAR COVER
PAD FOOTINGS	50	50	50
STRIP FOOTINGS	50	50	50

COLUMN BAR LAP & COG SCHEDULE

BAR	WALL REINFORCEMENT LAP LENGTH	STANDARD COG (90°)
N12	800	200
N16	800	200
N20	800	245
N24	960	295
N28	1120	340
N32	1280	390
N36	1440	440

NOTE: FOUNDING MATERIAL IS TO BE INSPECTED BY THE PROJECT GEOTECHNICAL ENGINEER TO VERIFY THE BEARING CAPACITY PRIOR TO THE PLACEMENT OF ANY REINFORCEMENT OR CONCRETE.

REFER TO DOUGLAS PARTNERS GEOTECHNICAL INVESTIGATION REPORT FOR:
PROPOSED MERITON SUITES CANBERRA
BLOCK 4 SECTION 12, CANBERRA CITY

PROJECT 94370.00 DECEMBER 2019
DOCUMENT NO: R.001 REV0

LEGEND

- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES PRECAST WALL OVER
- DENOTES LOCATION OF SITE BOUNDARY

FOOTING SCHEDULE - 2500kPa

MARK	MEMBER SIZE	REINFORCEMENT
PF1	1000L x 500W x 600D	N16-200 E/W BTM
PF2	1800L x 1800W x 800D	15N20 E/W BTM
PF3	2400L x 1600W x 850D	N20-150 E/W BTM
PF4	1200L x 400W x 600D	N20-200 E/W BTM
PF5	1400L x 900W x 600D	N20-200 E/W BTM
PF6	2600L x 2100W x 900D	N24-150 E/W BTM
PF7	2000L x 1500W x 650D	N20-175 E/W BTM
PF8	2500L x 2500W x 900D	N24-150 E/W BTM
SF1	600W x 600D	3N20 TOP & BTM + N12-250 CLOSED TIES

FOOTING SCHEDULE - 5000kPa

MARK	MEMBER SIZE	REINFORCEMENT
PF1	1000L x 500W x 600D	N16-200 E/W BTM
PF2	1800L x 1200W x 750D	N20-170 E/W BTM
PF3	2200L x 850W x 600D	N20-220 E/W BTM
PF4	1200L x 400W x 600D	N20-220 E/W BTM
PF5	1400L x 900W x 600D	N20-220 E/W BTM
PF6	2200L x 1600W x 900D	N24-150 E/W BTM
PF7	1600L x 900W x 600D	N20-200 E/W BTM
PF8	2200L x 2200W x 850D	N24-150 E/W BTM
SF1	600W x 600D	3N20 TOP & BTM + N12-250 CLOSED TIES

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
N	REVISED AS CLOUDED	DS	04.11.2021	GC
M	REVISED AS CLOUDED	DS	03.11.2021	GC
L	REVISED AS CLOUDED	DS	02.11.2021	GC
K	REVISED AS CLOUDED	DS	28.10.2021	SS
J	REVISED AS CLOUDED	DS	22.10.2021	GC
I	REVISED AS CLOUDED	DS	30.09.2021	GC
H	REVISED AS CLOUDED	DS	24.09.2021	GC
G	REVISED AS CLOUDED	DS	10.09.2021	GC
F	REVISED AS CLOUDED	DS	17.08.2021	GC
E	REVISED AS CLOUDED	MM	19.07.2021	GC
D	RE-ISSUED FOR CONSTRUCTION	MM	06.07.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
FOOTING MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E200

AMDT N

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211079
Block 4 Section 12
City

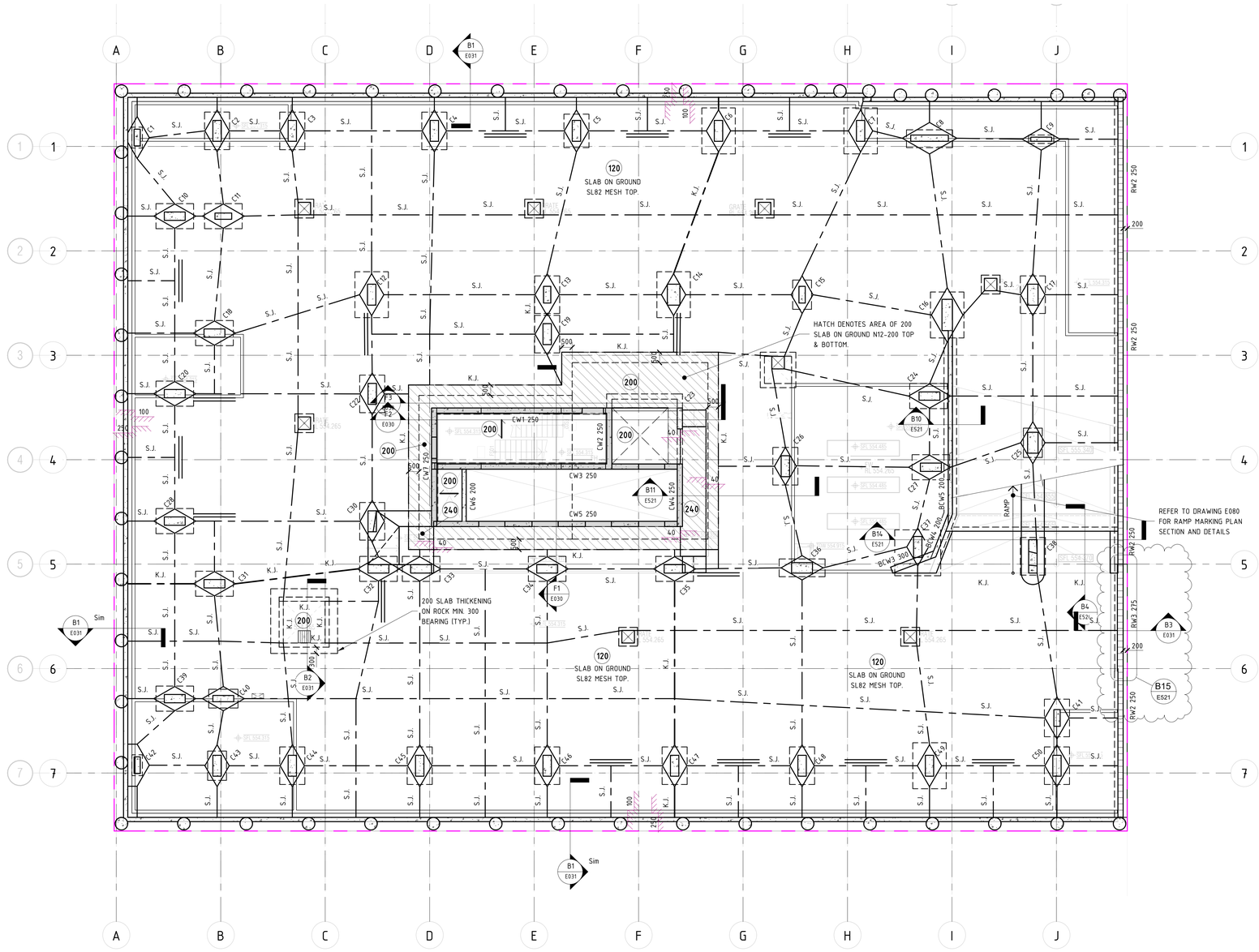
BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 211679
Block 4 Section 12
City

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE
SLAB ON GROUND	32MPa	20

NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- 100 — DENOTES SLAB THICKNESS OVERALL U.N.O
- S.O.G. — DENOTES SLAB ON GROUND
- S.J. — DENOTES SAW CUT JOINT IN SLAB
- K.J. — DENOTES KEY JOINT IN SLAB
- DENOTES 2/N12 TRIMMER BARS 2000 LONG
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES PRECAST WALL OVER
- SU — DENOTES SUMP
- DENOTES ISOLATION JOINT IN DIAMOND FORMATION
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES MASS CONCRETE AREA OF RAMP
- DENOTES RAMP GRATED DRAIN - REFER TYPICAL DETAIL



NOTE:
FOR EXTENT OF STORMWATER AND HYDRULIC PITS, PUMPOUT PITS, DRAINAGE LINES AND SPOON DRAINS REFER TO HYDRAULIC CONSULTANTS DRAWINGS.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

SLAB ON GROUND REINFORCEMENT:
- 120 THICK SLAB ON GROUND 1 LAYER SL82 MESH, TOP, 30 COVER
- 200 THICK SLAB ON GROUND N12-200 EW, TOP AND BOTTOM, 40 COVER

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE	
WALL LEVEL	COVERS TO REINFORCEMENT
BASEMENT - GROUND	30mm
SUBSTATION	40mm
L1 - ROOF	20mm

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
RAMP DRAWINGS - REFER TO DRAWINGS E080 & E081 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1098 - CONCRETE PROFILE REV - H

BASEMENT P2 MARKING PLAN

SCALE 1 : 100 @ B1

SLAB ON GROUND NOTES:
1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
4. WATERPROOFING MEMBRANE/TANKING BY OTHERS
5. REFER TO DRAWING E031 FOR SLAB ON GROUND SECTIONS AND DETAILS
6. PROVIDE TRIMMER BARS AROUND ALL PENETRATIONS, COLUMNS, JOINT INTERSECTIONS & RE-ENTRANT CORNERS. ALL TRIMMER BARS TO BE LAID UNDER TOP REINFORCEMENT
7. ALL FALLS TO ARCHITECTS DETAILS
8. JOINTS (S.J. & K.J.) MAY BE ALTERED TO SUIT CONSTRUCTION POUR SEQUENCE. ADVISE INDESCO OF PROPOSED CHANGES PRIOR TO POUR COMMENCING
9. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
10. REFER TO DRAWING E031 FOR SLAB ON GROUND DETAILS
11. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
N	REVISED AS CLOUDED	DS	17.11.2021	GC
M	REVISED AS CLOUDED	DS	04.11.2021	GC
L	REVISED AS CLOUDED	DS	28.10.2021	SS
K	REVISED AS CLOUDED	DS	22.10.2021	GC
J	REVISED AS CLOUDED	DS	21.10.2021	GC
I	REVISED AS CLOUDED	DS	30.09.2021	GC
H	REVISED AS CLOUDED	DS	24.09.2021	GC
G	REVISED AS CLOUDED	DS	10.09.2021	GC
F	REVISED AS CLOUDED	DS	17.08.2021	GC
E	REVISED AS CLOUDED	MM	19.07.2021	GC
D	RE-ISSUED FOR CONSTRUCTION	MM	07.07.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

CLIENT
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Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
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APPROVED	DS
CHECKED	DS
DESIGNED BY	DS
DRAWN BY	GC
CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT 2 MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E201

AMDT N

BCA certifiers
ABN: 58 119 755 734
SUPPORTING DOCUMENTATION FOR BUILDING APPROVAL
09 March 2022
BCS 21-679
Block 4 Section 12
City

COLUMN COVER SCHEDULE	
COLUMN LEVEL	COVERS TO STIRRUP
BASEMENT - GROUND	40mm
GROUND TO ROOF	30mm

WALL COVER SCHEDULE		
WALL LEVEL		COVERS TO REINFORCEMENT
BASEMENT - GROUND		30mm
GROUND - L1	SUBSTATION	40mm
	TYPICAL	30mm
L1 - ROOF		20mm

CONCRETE ELEMENT	STRENGTH F'C	NOMINAL AGG. SIZE	SLUMP
PT SLABS (PT MIX) (22 MPa AT 4 DAYS)	40MPa	20	80

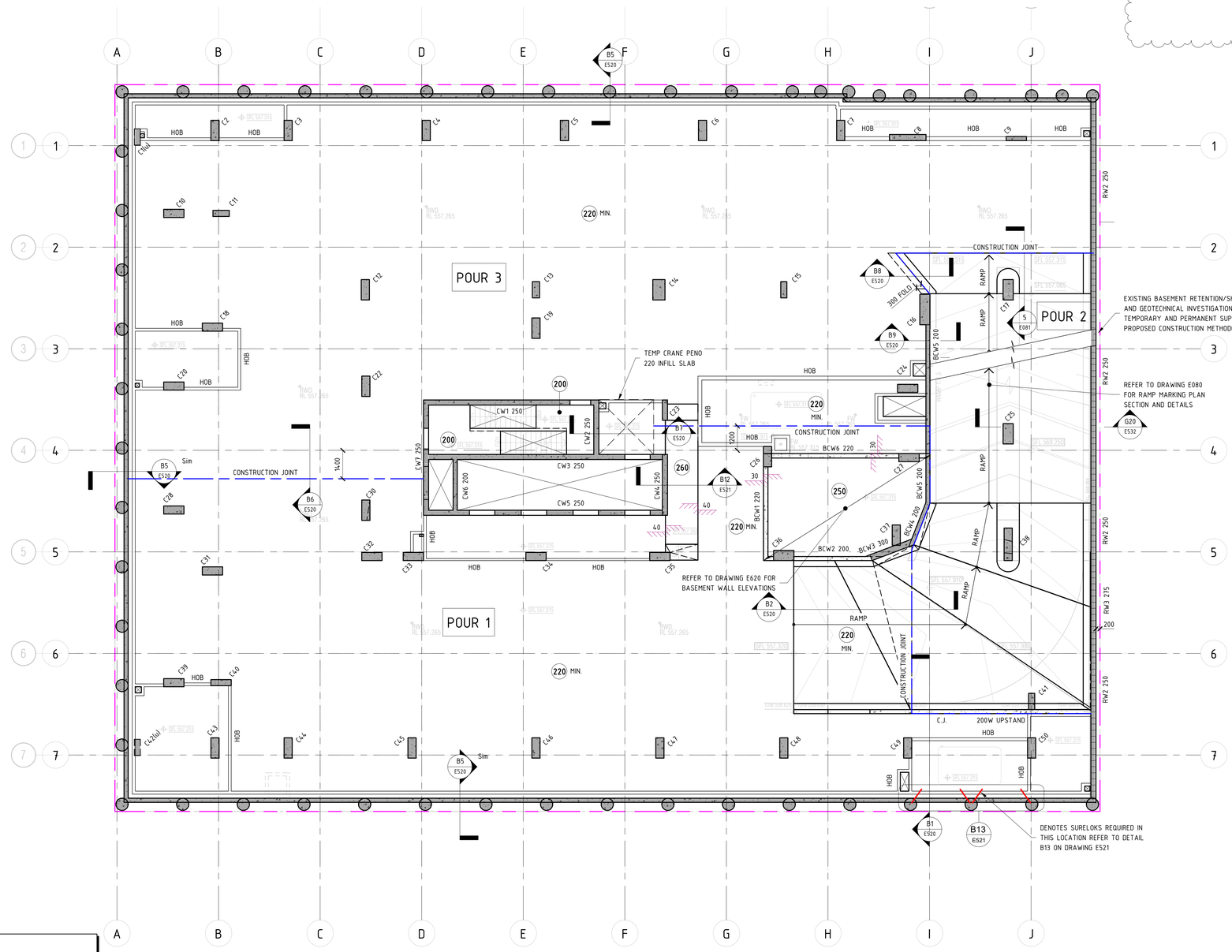
NOTE: MIN. CONCRETE STRENGTH AT 28 DAYS

LEGEND

- THK — DENOTES SLAB THICKNESS OVERALL U.N.O
- DENOTES WALL/COLUMN UNDER
- DENOTES CONCRETE WALL/COLUMN OVER
- DENOTES CONCRETE WALL/COLUMN OVER & UNDER
- DENOTES LOAD BEARING PRECAST PANEL
- DENOTES NON LOAD BEARING PRECAST PANEL
- DENOTES PRECAST BALUSTRADE
- DENOTES STEP IN SOFFIT
- DENOTES SECONDARY SLAB POURED LATER ON BLOCKWORK - REFER TO TYPICAL DETAIL
- 100 — DENOTES STEP IN TOP OF SLAB
- DENOTES VOID
- HOB — DENOTES CONCRETE HOB
- DENOTES ISOLATION JOINT
- DENOTES CONSTRUCTION JOINT
- DENOTES 56 DAY DELAYED POUR STRIP
- DENOTES LOCATION OF SITE BOUNDARY

NOTE:
ALL SLAB THICKNESSES SHOWN ARE MINIMUM.

NOTE:
ALL UPSTAND/SPANDREL/HOB HEIGHTS, CRASH BARRIERS & PLANTER WALLS - REFER TO ARCHITECTURAL DRAWINGS.



BASEMENT P1 MARKING PLAN

SCALE 1 : 100 @ B1

SUSPENDED SLAB NOTES:

1. REFER TO DRAWING E001 FOR CONSTRUCTION NOTES & SPECIFICATIONS
2. REFER TO MARKING PLANS FOR SLAB DEPTHS U.N.O.
3. FOR BUILDING SETOUT AND DIMENSIONS REFER TO ARCHITECTS DRAWINGS
5. ALL FALLS TO ARCHITECTS DETAILS
6. MARKING PLANS TO BE CO-ORDINATED WITH HYDRAULIC & MECHANICAL SERVICES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PENETRATIONS AND SET OUTS PROVIDE 100x100 HOB ALL AROUND ALL FIRE HYDRANT RECESSES AND PENETRATIONS
8. REFER TO DRAWING E018 FOR PRECAST COLUMN CONNECTION DETAILS

REFERENCE DRAWINGS:
REFER TO DRAWING NO. DENOTED ON SECTION TAG FOR DETAILS
FOOTING DETAILS - REFER TO DRAWING E030 FOR DETAILS
RETAINING WALLS - REFER TO DRAWING E102 FOR DETAILS
TANKS - REFER TO DRAWING E620 FOR DETAILS
COLUMNS - REFER TO DRAWINGS E005 TO E019 FOR DETAILS
CORE WALLS - REFER TO E800 SERIES DRAWINGS FOR DETAILS
STARTER BARS DETAILS - REFER TO DRAWING E018 FOR DETAILS

EXTERNAL REFERENCES

THIS DRAWING IS BASED ON THE FOLLOWING ARCHITECTURAL DRAWING

REFERENCE DRAWING: FENDER KATSALIDIS /19125 - A1099 - CONCRETE PROFILE REV - G

NOTE: B1 DRAWING SHEET

No.	AMENDMENT	APPROVED	DATE	AMENDED BY
K	REVISED AS CLOUDED	DS	16.11.2021	GC
J	REVISED AS CLOUDED	DS	28.10.2021	SS
I	REVISED AS CLOUDED	DS	22.10.2021	GC
H	REVISED AS CLOUDED	DS	13.10.2021	AL
G	REVISED AS CLOUDED	DS	30.09.2021	GC
F	ISSUED FOR CONSTRUCTION	DS	10.09.2021	GC
E	REVISED AS CLOUDED	DS	17.08.2021	GC
D	REVISED AS CLOUDED	MM	19.07.2021	GC
C	RE-ISSUE FOR CONSTRUCTION	MM	16.06.2021	GC
B	ISSUED FOR CONSTRUCTION	MM	10.05.2021	GC
A	ISSUED FOR CONSTRUCTION CERTIFICATE	MM	23.04.2021	GC

ARCHITECT / BUILDING DESIGNER
FENDER KATSALIDIS

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CAD FILE	
SCALE	1 : 100

PROJECT
MERITON SUITES CANBERRA
40 ALLARA STREET
CANBERRA ACT 2061

ISSUED FOR CONSTRUCTION

DRAWING TITLE
BASEMENT 1 MARKING PLAN

NORTH POINT

PROJECT No. 7774

DRAWING No. E202

AMDT K