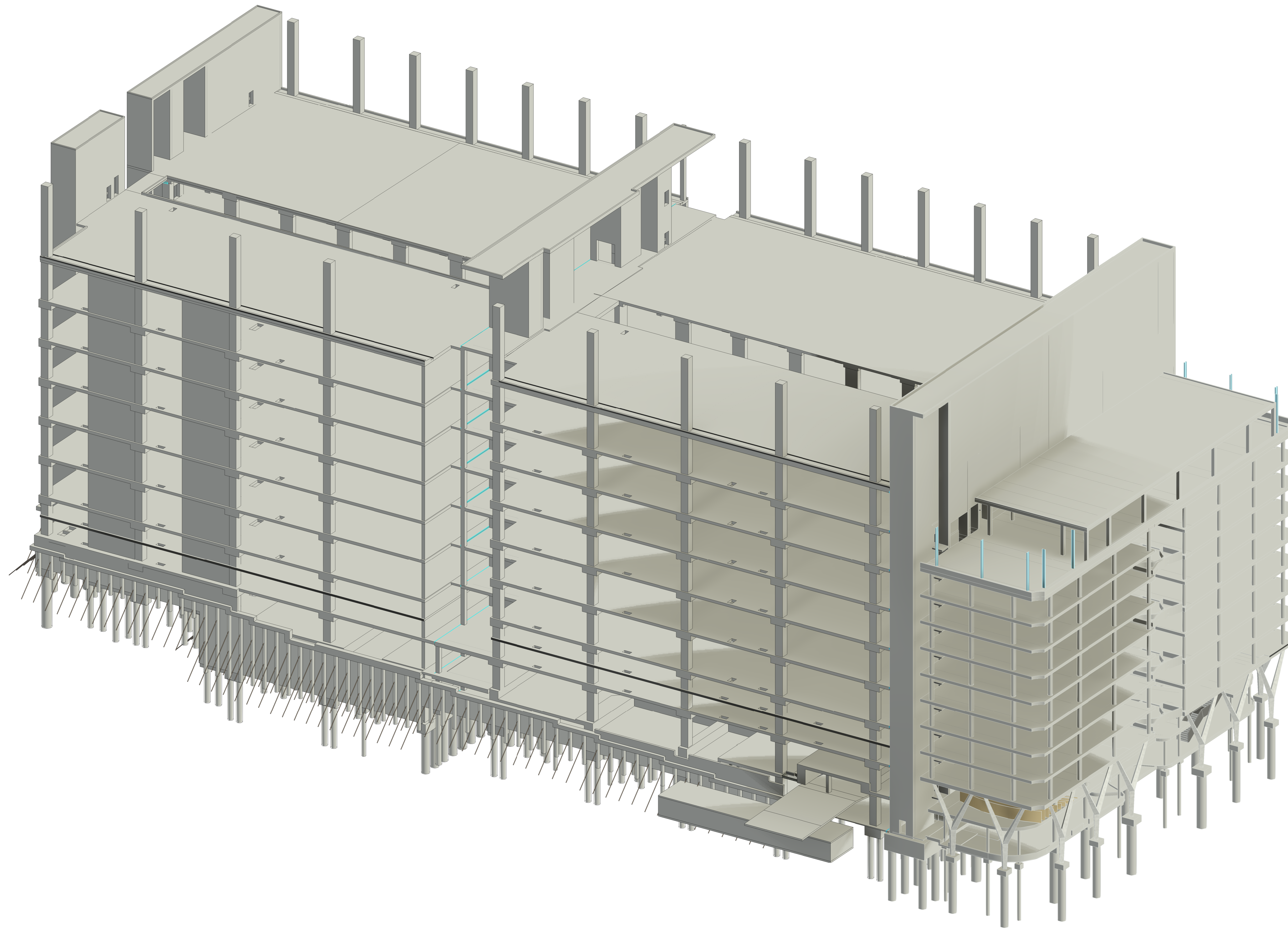


NEXTDC - SHIRAZ 5 - BUILDING A/B

269 LANE COVE ROAD,
MACQUARIE PARK, NSW



DATE	NO	REVISION HISTORY	DRW	CHK	QA
02.10.24	P4	REVISED 1900A ISSUE	EGS	SMS	
01.07.24	P3	REVISED 10000 ISSUE	PLW	SMS	
24.02.24	P2	DRAFT 10000 ISSUE	EGS	SMS	
14.02.24	P1	REVISED 8500A ISSUE	EGS	SMS	
06.04.24	P1	Issue Coordination Issue	RS	JAG	

- NOTE:
1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ASSOCIATED SPECIFICATION
 2. DO NOT SCALE FROM DRAWINGS
 3. CONFIRM ALL MEASUREMENTS ON SITE
 4. CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
 5. ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

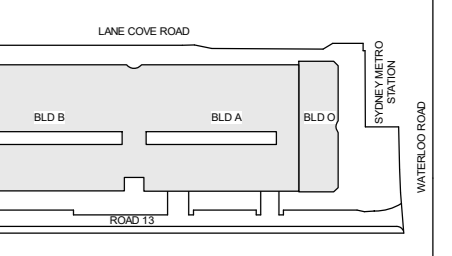
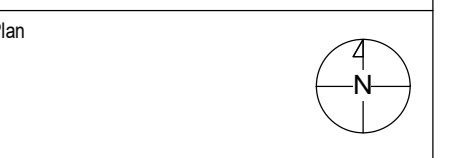
Principal Contractor
MULTIPLEX



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Structural Engineer
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Document/Action/Project Number
221661



Site: S5
Stage: NEXTDC Project Number

Project Address:
269 LANE COVE ROAD,
MACQUARIE PARK, NSW

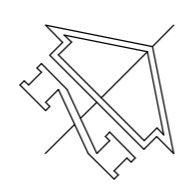
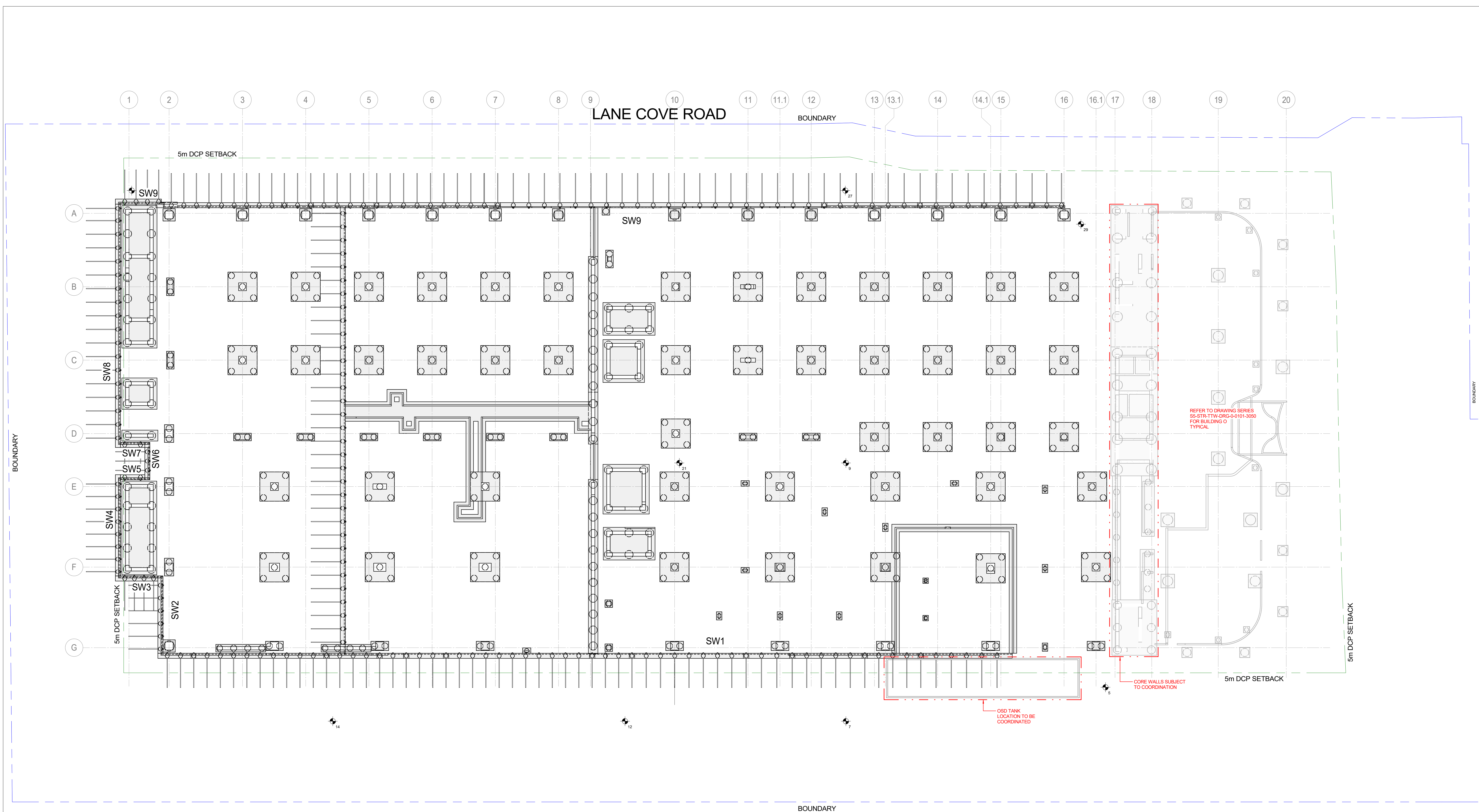
Project Name:
**NEXTDC - SHIRAZ 5 -
BUILDING A/B**
Drawing title:
COVER SHEET

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/CHK	NO	DATE
DRW/CHK	NO	DATE
CHECKED	SMS	15.07.24
APPROVED	AD	15.07.24

Scale: Sheet: File Name:
AD

Drawing Number: SS-STR-TTW-DRG-A-0101-0000 Rev: P4



FOOTING OVERALL PLAN

SCALE: 1:200

1. DETAILED EXCAVATION OF FOOTINGS, TRENCHES ETC IS NOT INCLUDED ON THIS DRAWING.
2. IDENTIFY BOREHOLE LOCATIONS. REFER TO GEOTECHNICAL REPORT 30666RPT REV1 BY JK GEOTECHNICS DATED 14 MARCH 2024.
3. REFER SERVICES CONSULTANTS DRAWINGS FOR TERMINATION/DIVERSION OF EXISTING SERVICES.
4. TOP OF FOOTINGS TO BE DETERMINED BY THE CONTRACTOR.
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS AND WALLS.
6. ALL LIFT PIT BASES AND WALLS BELOW GROUND LEVEL ARE TO HAVE XYTEX ADMIXTURE.
7. ALLOW ADDITIONAL CLEARANCE TO TOP OF FOOTINGS FOR HYDRAULIC SERVICES WHERE REQUIRED.
8. CONTRACTOR TO ALLOW FOR GEOTECHNICAL ENGINEER TO INSPECT AND CERTIFY THAT THE REQUIRED BEARING CAPACITIES HAVE BEEN ACHIEVED BEFORE CASTING FOOTINGS. MASS CONCRETE TO REQUIRED FOUNDING LEVEL IF REQUIRED. REFER TO GEOTECHNICAL ENGINEER.

MARK	PILE CAP SCHEDULE		
	LENGTH	WIDTH	DEPTH
PC1	4300	4300	1500
PC2	2600	1100	1500
PC3	1800	1800	1200
PC4	2600	1350	1500
PC5	1100	1100	800
PC6	1200	800	800
PC7	800	800	800

MARK	PILE SCHEDULE	
	DIAMETER	SOCKET LENGTH
P1	900	2000
P2	1500	2000
P3	1200	2000
P4	600	1000

MARK	STRIP FOOTING SCHEDULE	
	WIDTH	DEPTH
SF1	1100	600
SF2	1400	1500

DATE	REV	DESCRIPTION	BY	CHECKED		
02.03.24	P4	REVISED 5504 ISSUE	EGS	SMS		
01.07.24	P4	REVISED 5504 ISSUE	PLW	SMS		
24.02.24	P2	DRAFT 5504 ISSUE	EGS	SMS		
24.02.24	P2	DRAFT 5504 ISSUE	EGS	SMS		
14.02.24	P1	REVISED 5504 ISSUE	EGS	SMS		
		DATE	REV	DESCRIPTION	BY	CHECKED

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Principal Consultant
 Architect
HR
 Services
ARUP
 Structural
TTW
 Principal Consultant
MULTIPLEX

Client

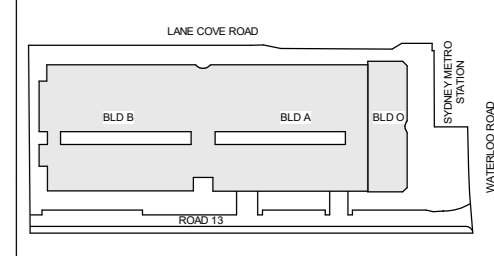
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 Brisbane QLD 4001
 T +61 7 3177 4777

Structural Engineer

TTW
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Document/Action/Project Number
221661

Key Plan



Scale: 1:100 AT A0
 Scale: 1:200 AT A2

Site: S5 Stage: NEXDC Project Number

Project Address:
 289 LANE COVE ROAD,
 MACQUARIE PARK, NSW

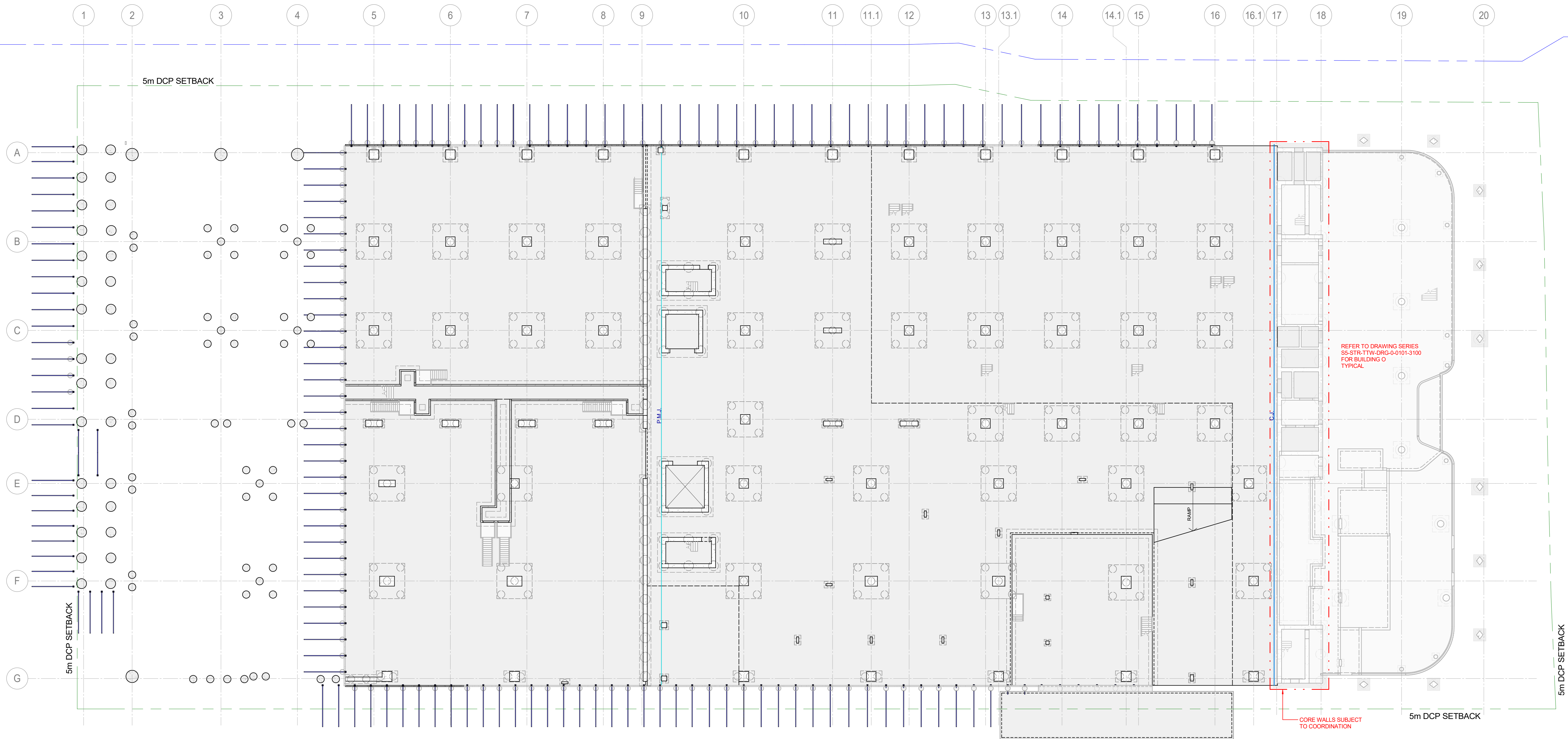
Project Name:
 NEXDC - SHIRAZ 5 -
 BUILDING A/B

Drawing Title:
 FOOTING PLAN OVERALL

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

DRAWN	DATE
EGS	15.07.24
CHECKED	DATE
EGS	15.07.24
APPROVED	DATE
EGS	15.07.24

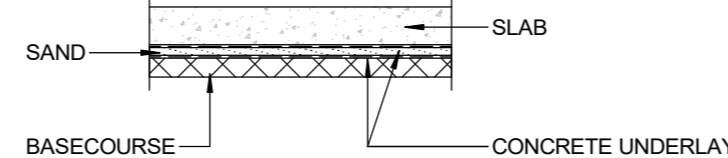
Scale: As Indicated
 Drawing Number: SS-STR-TTW-DRG-A-0101-2050
 Rev: P5



GROUND FLOOR OVERALL PLAN - 120 SLAB ON GROUND UNO

SCALE: 1:200

1. SLABS ON GROUND TO BE CAST ON A CONCRETE UNDERLAY (0.2m THICK HIGH IMPACT RESISTANCE FILM TO AS/NZS 4347) OVER A 100mm BASECOURSE BLINDED WITH SAND.
2. REINFORCE 120 SOG SLABS ON GROUND WITH 1 LAYER OF SL22 FABRIC TOP THROUGHOUT 30 COVER.
3. REINFORCE 150 SOG SLABS ON GROUND WITH 1 LAYER OF SL102 FABRIC TOP THROUGHOUT 30 COVER.
4. ALL LEVELS AND FALLS TO ARCHITECTS DETAILS.
5. REFER TO HYDRAULIC ENGINEERS DETAILS FOR ALL SUB SOIL DRAINAGE, TRENCHES, SUMPS, PITS AND GRATED DRAINS UNO.
6. REFER TO THE GEOTECHNICAL ENGINEER FOR ALL SUBBASE REQUIREMENTS.



DATE	NO.	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED ROOM ISSUE	EGE	SMS	
07.07.24	P2	REVISED ROOM ISSUE	EGE	SMS	
24.02.24	P2	DRAFT ROOM ISSUE	EGE	SMS	
14.02.24	P1	REVISED ROOM ISSUE	EGE	SMS	

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Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

Principal Contractor
MULTIPLYX



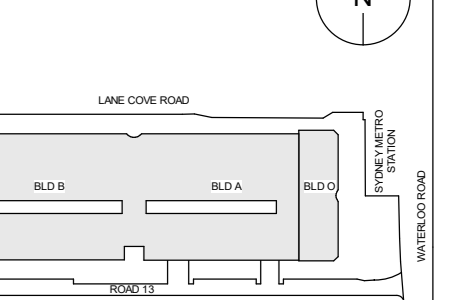
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Structural Engineer
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Document/Action/Project Number
221661

Key Plan



0 1 2 3 4 5 m
SCALE: 1:100 AT A2
SCALE: 1:200 AT A2

Site: S5
Scale: NEXTRC Project Number:

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTRC - SHIRAZ 5 -
BUILDING A/B**

Drawing Title:
GROUND FLOOR OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRWNR	CHKD	APPRVD	Date
SUN			15.07.24
			15.07.24
			15.07.24

Scale: As Indicated
Drawing Number: SS-STR-TTW-DRG-A-0101-3000
Rev: P4



LEVEL 2 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:300
1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 4. PROVIDE 1 LAYER OF SLIC GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 5. ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.

DATE	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4 REVISED ROOM ISSUE	EGE	SMS	
07.07.24	P2 REVISED ROOM ISSUE	EGE	SMS	
24.02.24	P2 DRAFT ROOM ISSUE	EGE	SMS	
14.02.24	P1 REVISED ROOM ISSUE	EGE	SMS	


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 5. ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant:
 Architect:
ICR
 Services:
ARUP
 Structural:
TTW

Principal Contractor:
MULTIPLEX

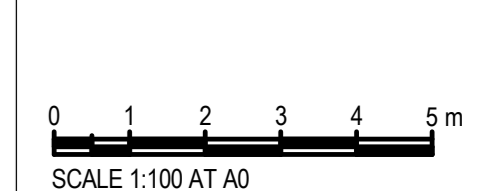
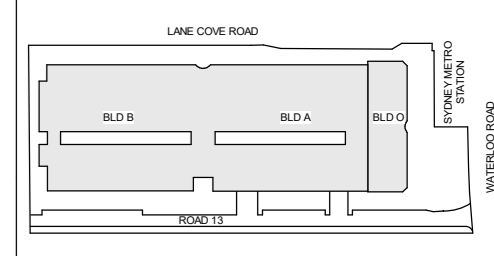
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Structural Engineer:

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Document/Active/Project Number:
221661

Key Plan:

Site: S5 Stage: NEXDC Project Number:

Project Address:
 289 LANE COVE ROAD,
 MACQUARIE PARK, NSW

Project Name:
 NEXDC - SHIRAZ 5 -
 BUILDING A/B
 Drawing Title:
 LEVEL 2 OVERALL PLAN

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

DRW/AN	DATE
SUN	15.07.24
CHECKED	15.07.24
APPROVED	15.07.24

Scale: As Indicated
 Drawing Number: SS-STR-TTW-DRG-A-0101-3200
 Rev: P4



LEVEL 4 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 4. PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 5. ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.

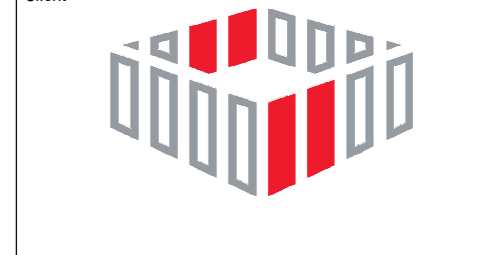
NO	DATE	REVISION	ISSUE	BY	CHECKED
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01	07/25	P2	REVISED LDD/000 ISSUE	PLM	SMS
14	02/21	P1	REVISED SSOA ISSUE	EGE	SMS
				DRM	CHK

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Architect:
Structural Engineer:



Principal Contractor:
Client:



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Document/Action/Project Number:
221661

Key Plan



Scale: 1:100 AT A0
Scale: 1:200 AT A2

Site: S5
Stage: NEXDC Project Number:

Project Address:
289 LANE COVE ROAD,
MACQUARIE PARK, NSW

Project Name:
NEXDC - SHIRAZ 5 -
BUILDING A/B
Drawing Title:
LEVEL 4 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/IN	DATE
SUN	15/07/24
CHECKED	15/07/24
APPROVED	15/07/24

Scale: As Indicated
Drawing Number: SS-STR-TTW-ORG-A-0101-3400
Sheet: AD
Revision: P3



LEVEL 5 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 4. PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
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NO	DATE	REVISION HISTORY	DRW	CHK	QA
02.10.25	P3	REVISED SSOA ISSUE	EGH	SMS	
01.07.25	P2	REVISED LCOOR ISSUE	PLM	SMS	
14.02.25	P1	REVISED SSOA ISSUE	EGH	SMS	

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Principal Consultant:
Architect:
ARUP
Structural:
TTW

Principal Contractor:
MULTIPLEX

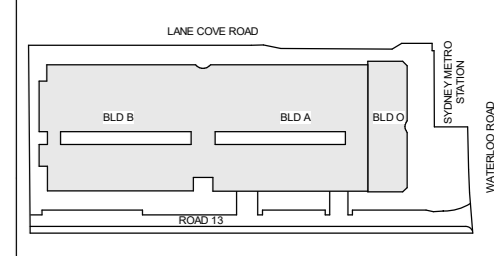


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Document/Action/Project Number:
221661

Key Plan:
N



Scale:
SCALE: 1:100 AT A0
SCALE: 1:200 AT A2

Site: S5
Stage: NEXDC Project Number:

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC - SHIRAZ 5 -
BUILDING A/B**

Drawing Title:
LEVEL 5 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/IN	CHKD	APPROVED	Date
SUN			15.07.24
			15.07.24
			15.07.24

Scale: As Indicated
Drawing Number: SS-STR-TTW-DRG-A-0101-3500
Rev: P3



REFER TO DRAWING SERIES
SS-STR-TTW-DRG-0-0101-3700
FOR BUILDING O
TYPICAL

CORE WALLS SUBJECT
TO COORDINATION

LEVEL 6 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SECTIONINGS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
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NO	DATE	REVISION HISTORY	DRW	CHK	QA
02.10.25	P3	REVISED SSOA ISSUE	EGH	SMS	
01.07.25	P2	REVISED LDDOOR ISSUE	PLM	SMS	
14.02.25	P1	REVISED SSOA ISSUE	EGH	SMS	

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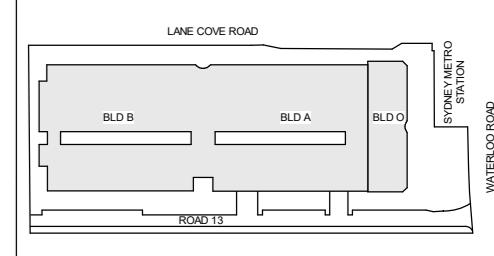
Principal Contractor
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Document/Action/Project Number
221661

Key Plan



0 1 2 3 4 5 m
SCALE: 1:100 AT A0
SCALE: 1:200 AT A2

Site: S5 Stage: NEXDC Project Number:

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC - SHIRAZ 5 -
BUILDING A/B**

Drawing Title:
LEVEL 6 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/IN	DATE	DATE
DRW/IN	15.07.24	15.07.24
CHECKED	15.07.24	15.07.24
APPROVED	15.07.24	15.07.24

Scale: As Indicated (AD) File Name: Drawing Number: Rev: P3

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LEVEL 7 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
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NO	DATE	BY	REVISION	ISSUE	ISSUED BY	ISSUED FOR
02	10/25	PR	REVISED SSOA ISSUE	EGS	SMS	
01	07/25	P2	REVISED LDCOM ISSUE	PRM	SMS	
14	02/25	P1	REVISED SSOA ISSUE	EGS	SMS	


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Principal Consultant
 Architect
ARUP
 Services
 Structural
TTW

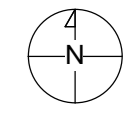
Principal Contractor
MULTIPLEX

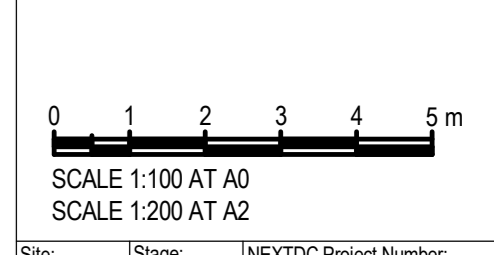
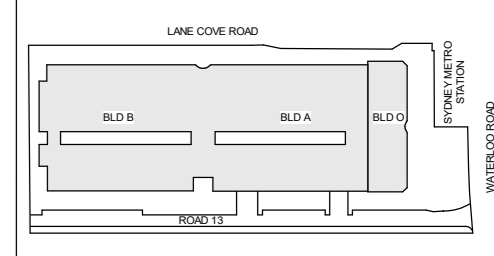
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Structural Engineer

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Document/Action/Project Number
221661

Key Plan




Site: S5 Stage: NEXDC Project Number:

Project Address:
 289 LANE COVE ROAD,
 MACQUARIE PARK, NSW

Project Name:
 NEXDC - SHIRAZ 5 -
 BUILDING A/B
 Drawing Title:
 LEVEL 7 OVERALL PLAN

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

DRW/N	DATE	BY	CHKD	DATE
SUN	15/07/24			
CHECKED	15/07/24			
APPROVED	15/07/24			

Scale: As Indicated
 Drawing Number: SS-STR-TTW-DRG-A-0101-3700
 Sheet: AD
 Rev: P3



LEVEL 8 OVERALL PLAN - 300 SUSPENDED SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SECTIONINGS.
 - ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 - PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 - ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.

DATE	REVISED	ISSUE	ISSUE	ISSUE	ISSUE
02/10/25	P3	REVISED	SSQA	ISSUE	EGE, SMS
01/07/25	P2	REVISED	LOOKUP	ISSUE	PLUM, SMS
14/02/25	P1	REVISED	SSQA	ISSUE	EGE, SMS
					DATE No REVISION HISTORY DRW, CHK, QA

- NOTE:
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 - DO NOT SCALE FROM DRAWINGS.
 - CONFIRM ALL MEASUREMENTS ON SITE.
 - CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES.
 - ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant:
Architect:
Services:
Structural:
Principal Contractor:



MULTIPLY

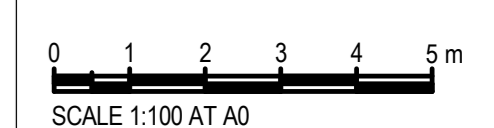
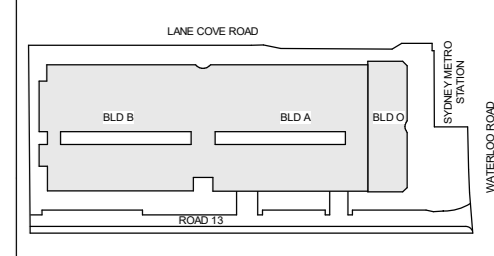


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221661

Key Plan



Scale: 1:100 AT A0
SCALE: 1:200 AT A2

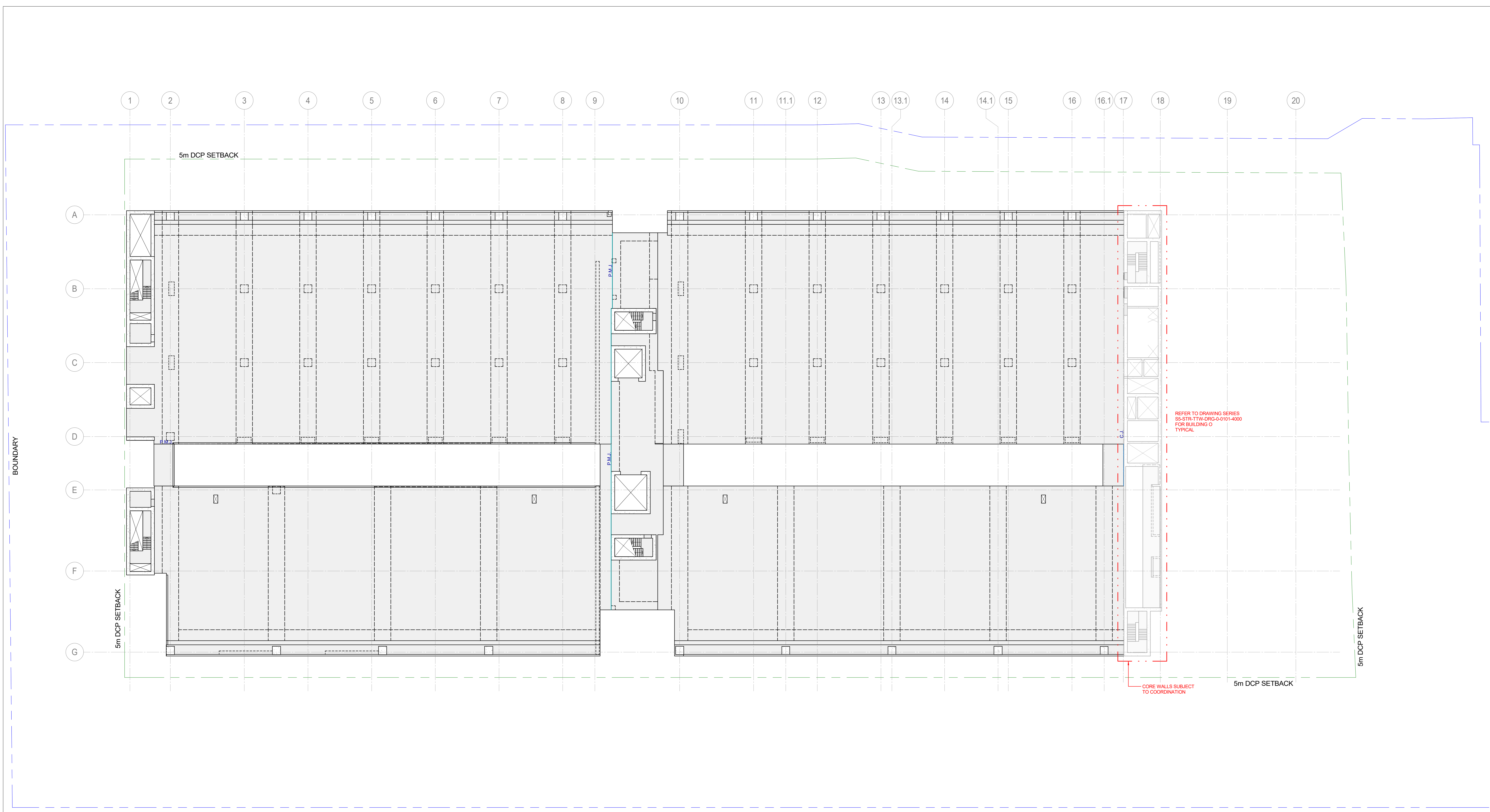
Site: S5
Project Address:
289 LANE COVE ROAD,
MACQUARIE PARK, NSW

Project Name:
NEXTDC - SHIRAZ 5 -
BUILDING A/B
Drawing title:
LEVEL 8 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/IN	DATE
SUN	15/07/24
CHECKED	15/07/24
APPROVED	15/07/24

Scale: As indicated
Drawing Number: SS-STR-TTW-ORG-A-0101-3800
Rev: P3



ROOF OVERALL PLAN - 300 MINIMUM SLAB UNO
SCALE: 1:200

1. ALL BANDS TO BE 2400 WIDE UNLESS NOTED OTHERWISE. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETTINGS.
2. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
3. PROVIDE 1 LAYER OF SLUG GALVANISED MESH TOP 20 COVER TO ALL EXPOSED SLABS.
4. ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.

DATE	NO.	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED ROOM ISSUE	EGE	SMS	
07.07.24	P2	REVISED ROOM ISSUE	EGE	SMS	
24.02.24	P2	DRAFT LOCKUP ISSUE	EGE	SMS	
14.02.24	P1	REVISED ROOM ISSUE	EGE	SMS	

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Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

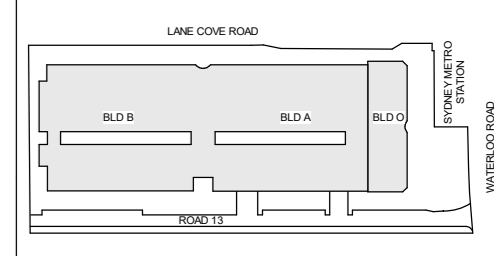
Principal Contractor
MULTIPLEX

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Document/Action/Project Number
221661

Key Plan
N



0 1 2 3 4 5 m
SCALE: 1:100 AT A0
SCALE: 1:200 AT A2

Site: S5 Stage: NEXTRC Project Number:

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTRC - SHIRAZ 5 -
BUILDING A/B**

Drawing Title:
ROOF OVERALL PLAN

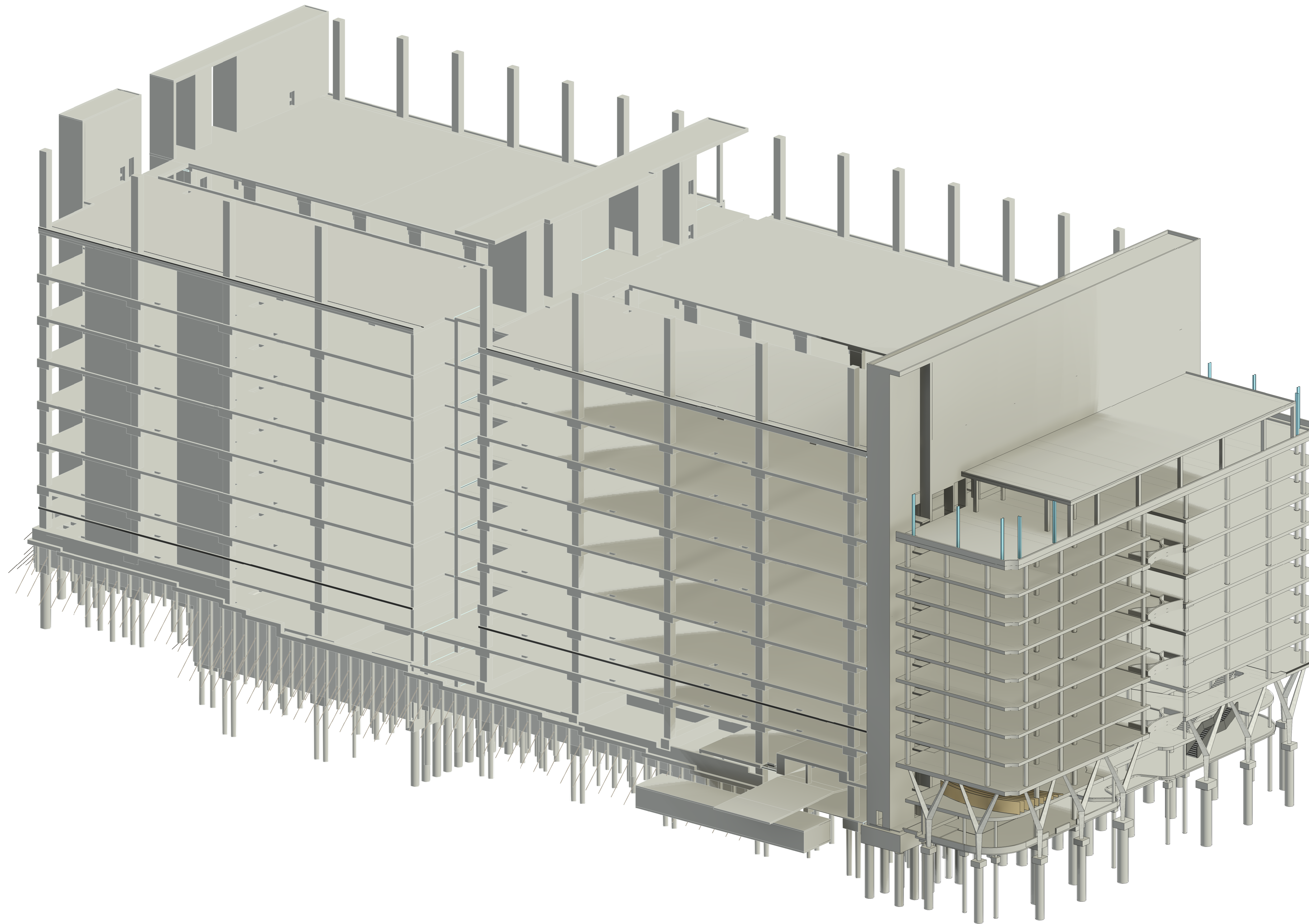
Drawing Status:
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NOT TO BE USED FOR CONSTRUCTION

DRW/IN	DATE	DATE
SKM	15.07.24	
CHECKED	15.07.24	
APPROVED	15.07.24	

Scale: As Indicated
Drawing Number: SS-STR-TTW-DRG-A-0101-3900
Rev: P4

NEXTDC S5 - SHIRAZ 5 - BUILDING O

269 LANE COVE ROAD,
MACQUARIE PARK, NSW



DATE	NO	REVISION HISTORY	DRW	CHK	QA
02.10.25	P3	REVISED SSOA ISSUE	EGE	SMS	
01.07.24	P2	REVISED L00000 ISSUE FROM JAG			
05.04.24	P1	Issue Coordination from PS	JAG		

- NOTE:
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Principal Consultant
Architect
HR
Services
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Structural
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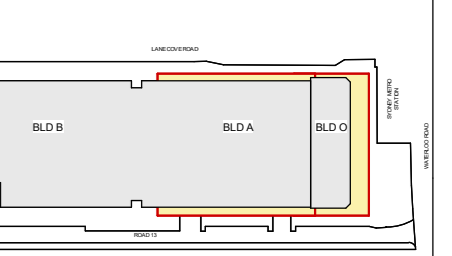
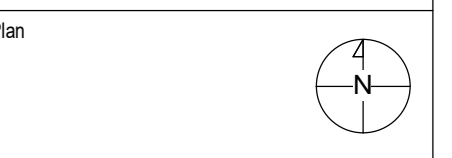
Principal Contractor
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Document/Active Project Number
221661



Site: S5
Stage: NEXTDC Project Number

Project Address:
269 LANE COVE ROAD,
MACQUARIE PARK, NSW

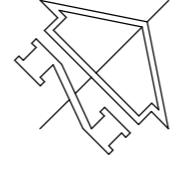
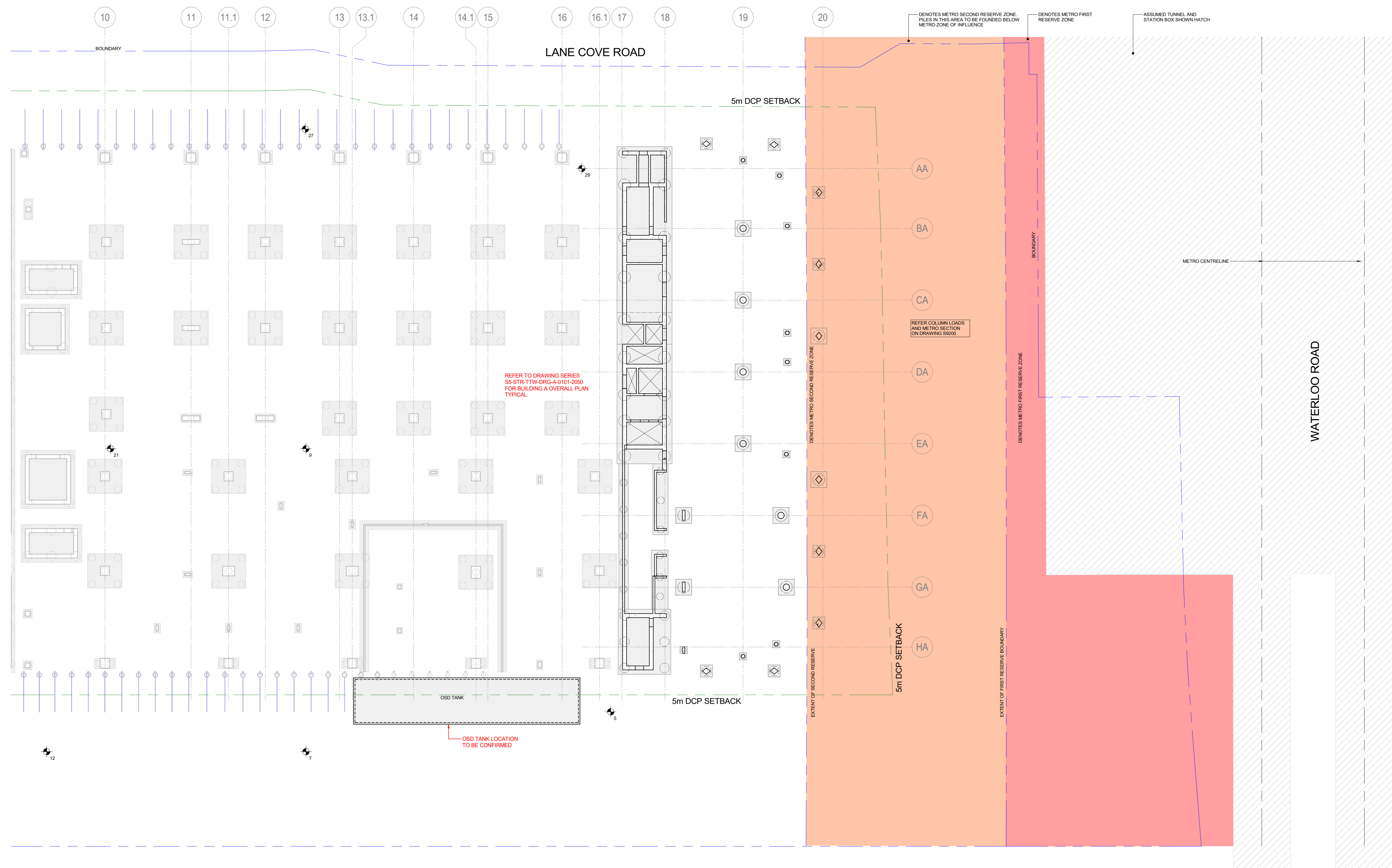
Project Name:
**NEXTDC S5 - SHIRAZ 5 -
BUILDING O**
Drawing title:
COVER SHEET

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRW/CHK	NO	Date
DRW/CHK	AD	15.07.24
CHECKED	SMS	15.07.24
APPROVED	AD	15.07.24

Scale: Sheet: File Name:
AD

Drawing Number: SS-STR-TTW-DRG-O-0101-0000 P3



FOOTING OVERALL PLAN

SCALE: 1:200

1. DETAILED EXCAVATION OF FOOTINGS, TRENCHES ETC IS NOT INCLUDED ON THIS DRAWING.
2. DENOTES BOREHOLE LOCATIONS. REFER TO GEOTECHNICAL REPORT 36466P01 REV1 BY JK GEOTECHNICS DATED 14 MARCH 2024.
3. REFER SERVICES CONSULTANTS DRAWINGS FOR TERMINATION/DIVERSION OF EXISTING SERVICES.
4. TOP OF FOOTINGS TO BE DETERMINED BY THE CONTRACTOR.
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS AND WALLS.
6. ALL LIFT PIT BASES AND WALLS BELOW GROUND LEVEL ARE TO HAVE KYPEX ADMIXTURE.
7. ALLOW ADDITIONAL CLEARANCE TO TOP OF FOOTINGS FOR HYDRAULIC SERVICES WHERE REQUIRED.
8. CONTRACTOR TO ALLOW FOR GEOTECHNICAL ENGINEER TO INSPECT AND CERTIFY THAT THE REQUIRED BEARING CAPACITIES HAVE BEEN ACHIEVED BEFORE CASTING FOOTINGS MASS CONCRETE TO REQUIRED FOUNDING LEVEL IF REQUIRED. REFER TO GEOTECHNICAL ENGINEER.

PILE CAP SCHEDULE			
MARK	SIZE		
	LENGTH	WIDTH	DEPTH
PC1	2000	2000	1000
PC2	900	900	800
PC3	1500	1500	800

PILE SCHEDULE		
MARK	DIAMETER	SOCKET LENGTH
P1	600	2000
P2	900	2000
P3	1200	2000
P4	1500	2000

STRIP FOOTING SCHEDULE		
MARK	WIDTH	DEPTH
SF1	1200	1200

DATE	REVISED	ISSUE	EGS	SMS
02.03.24	P4	REVISED SS04 ISSUE	EGS	SMS
15.09.24	P4	REVISED SS04 ISSUE	EGS	SMS
07.07.24	P2	REVISED LOGBOOK ISSUE	EGS	SMS
24.02.25	P2	DRAFT LOGBOOK ISSUE	EGS	SMS
17.02.25	P1	REVISED SS04 ISSUE	EGS	SMS

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Principal Consultant
 Architect
HR
 Services
ARUP
 Structural
TTW

Principal Contractor
MULTIPLYX

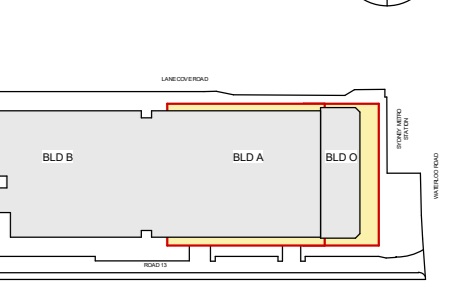


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Discipline/Active Project Number
221661

Key Plan



0 1 2 3 4 5 m
 SCALE 1:100 AT A0
 SCALE 1:200 AT A2

Site: SS Stage: NEXDC Project Number:

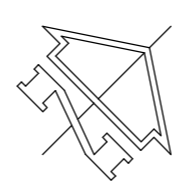
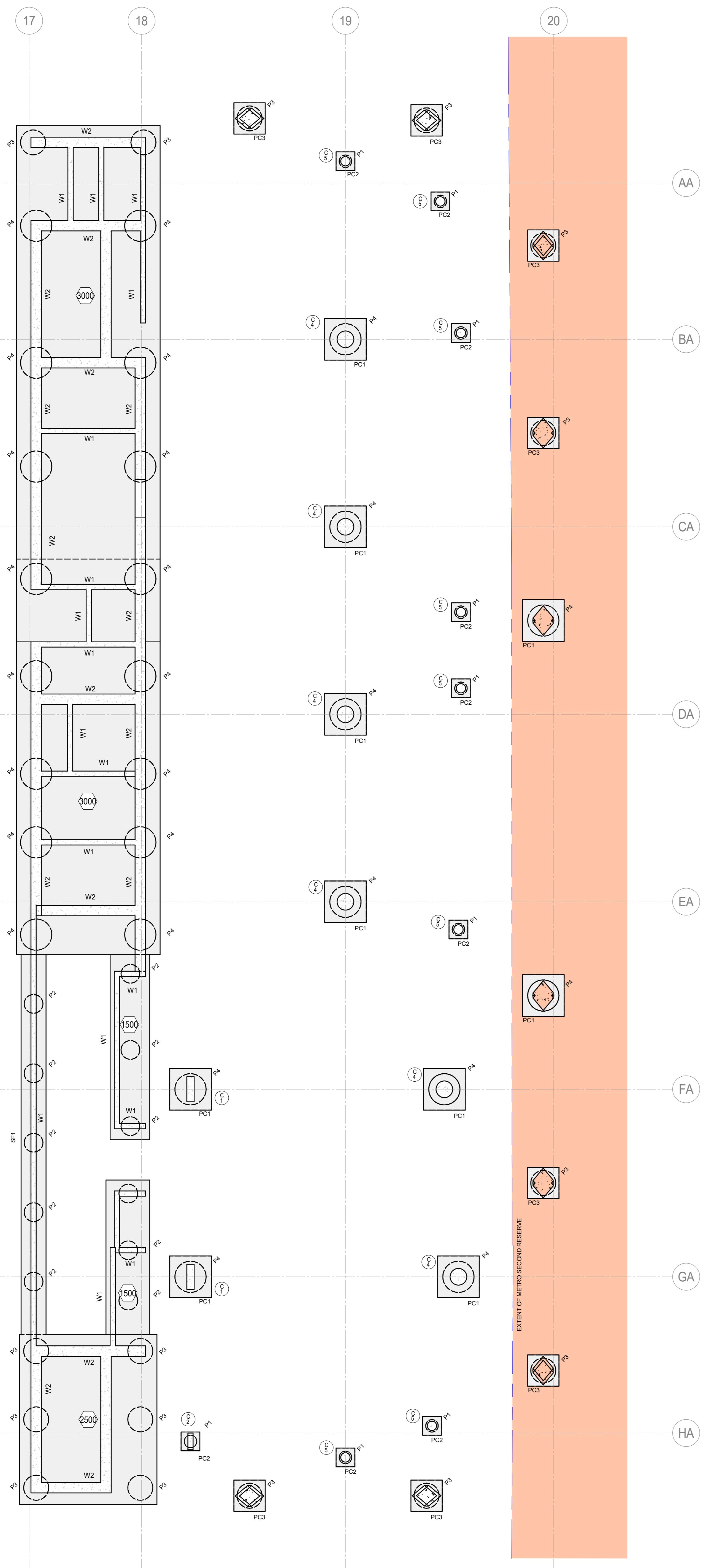
Project Address:
 289 LANE COVE ROAD,
 MACQUARIE PARK, NSW

Project Name:
 NEXDC SS - SHIRAZ 5 -
 BUILDING O
 Drawing Title:
 FOOTING OVERALL PLAN

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

DRAWN	DATE
AD	15.07.24
CHECKED	DATE
AD	15.07.24
APPROVED	DATE
AD	15.07.24

Scale: As Indicated
 Drawing Number: SS-STR-TTW-ORG-0-0101-2050
 Rev: P5



FOOTING OUTLINE PLAN
SCALE: 1:100

1. DETAILED EXCAVATION OF FOOTINGS, TRENCHES ETC IS NOT INCLUDED ON THIS DRAWING.
2. DENOTES BOREHOLE LOCATIONS. REFER TO GEOTECHNICAL REPORT 36468FRPT REV1 BY JK GEOTECHNICS DATED 14 MARCH 2024.
3. REFER SERVICES CONSULTANTS DRAWINGS FOR TERMINATION/ DIVERSION OF EXISTING SERVICES.
4. TOP OF FOOTINGS TO BE DETERMINED BY THE CONTRACTOR.
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMN AND WALLS.
6. ALL LIFT PIT BASES AND WALLS BELOW GROUND LEVEL ARE TO HAVE KYPEN ADAPTIVE.
7. ALLOW ADDITIONAL CLEARANCE TO TOP OF FOOTINGS FOR HYDRAULIC SERVICES WHERE REQUIRED.
8. CONTRACTOR TO ALLOW FOR GEOTECHNICAL ENGINEER TO INSPECT AND CERTIFY THAT THE REQUIRED BEARING CAPACITIES HAVE BEEN ACHIEVED BEFORE CASTING FOOTINGS. MASS CONCRETE TO REQUIRED FOUNDING LEVEL IF REQUIRED. REFER TO GEOTECHNICAL ENGINEER.

MARK	SIZE		
	LENGTH	WIDTH	DEPTH
PC1	2000	2000	1000
PC2	900	900	800
PC3	1500	1500	900

MARK	LENGTH	WIDTH	DIAMETER
C2	800	250	
C3	500	500	
C4			800
C5			450
C6			600
C7			700

MARK	DIAMETER	SOCKET LENGTH
P2	900	2000
P3	1200	2000
P4	1500	2000

MARK	THICKNESS
W2	500
W3	200

MARK	WIDTH	DEPTH

15/09/21	P3	REVISED SSQA ISSUE	EGG	SMS
01/07/20	P2	REVISED LCCO09 ISSUE PLAN	JAC	
04/05/20	P1	DRAFT LCCO09 ISSUE	EGG	SMS
		DATE	NO	REVISION HISTORY
			DRW	CHK
			QA	

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Principal Consultant
Architect
HR
Services
ARUP
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Principal Contractor
MULTIPLY

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Document/Active/Project Number
221661

Key Plan
0 1 2 3 4 5 m
SCALE 1:100 AT A0
SCALE 1:200 AT A2

Site: S5
Stage: NEXDC Project Number

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC S5 - SHIRAZ 5 -
BUILDING O**

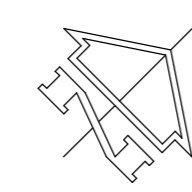
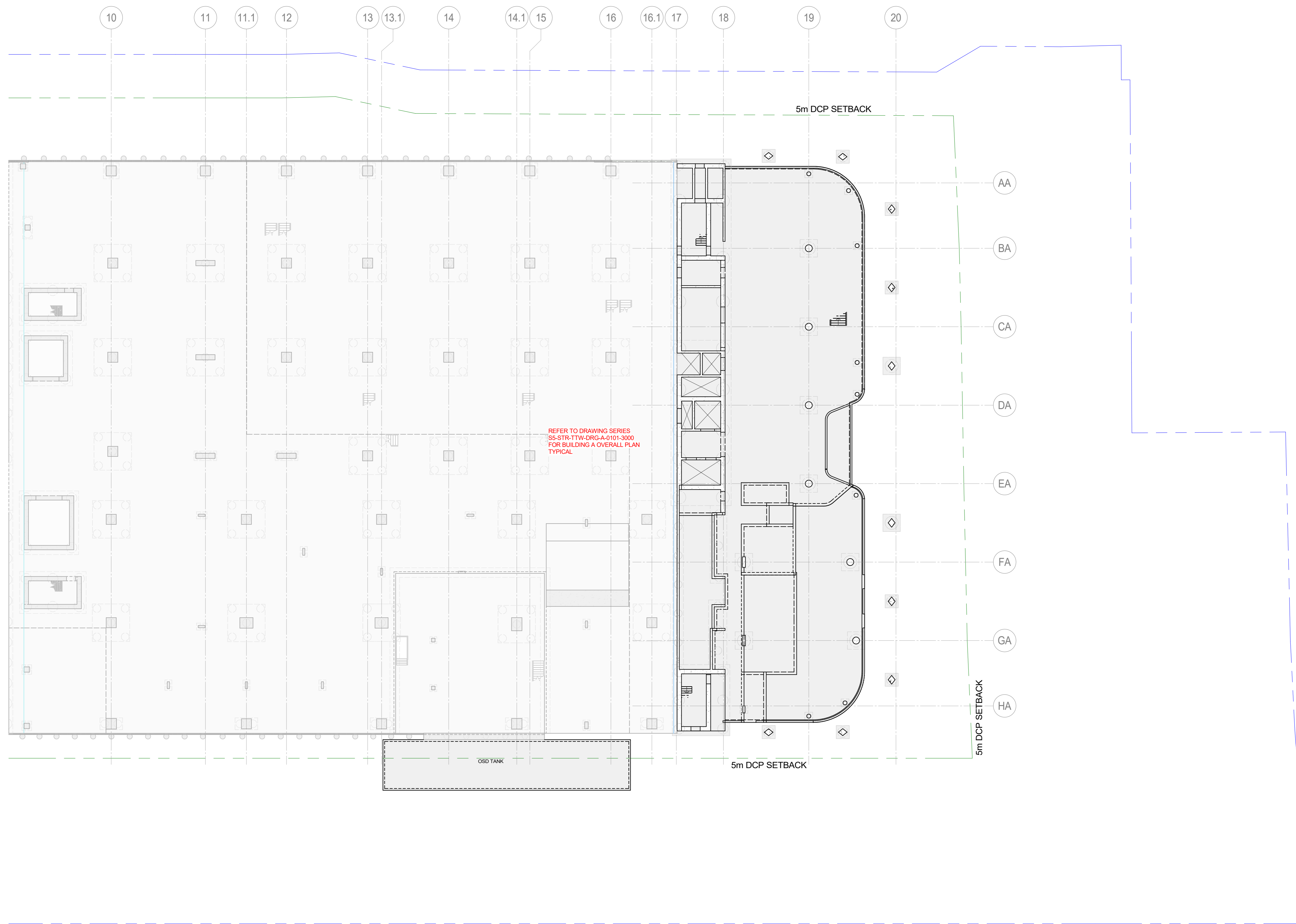
Drawing Title:
FOOTING PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

DRAWN	RO	Date	15/07/24
CHECKED		Date	15/07/24
APPROVED		Date	15/07/24

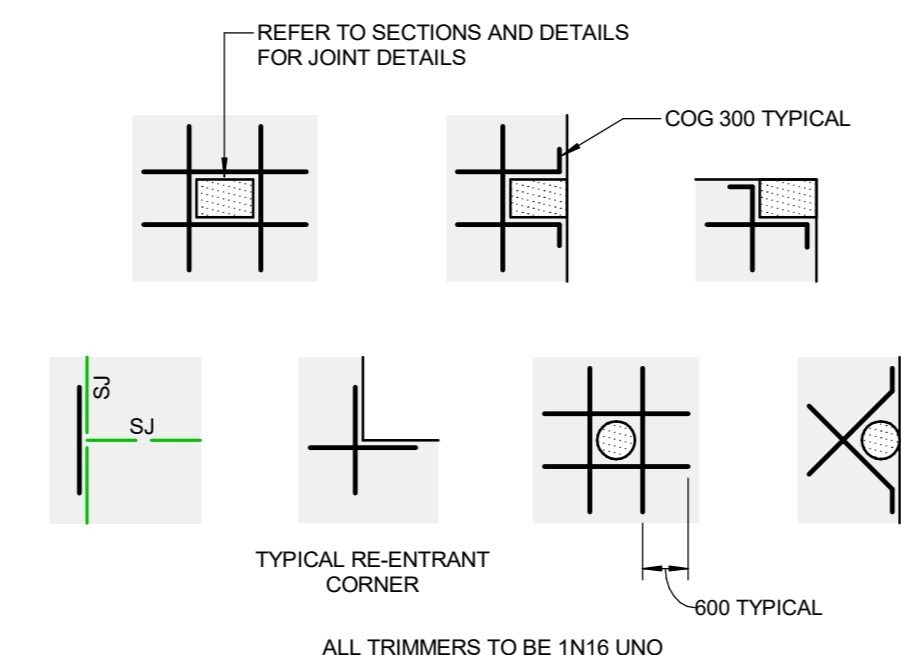
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Drawing Number: SS-STR-TTW-ORG-O-0101-2051

Rev: P3



GROUND FLOOR OVERALL PLAN - 120 SLAB ON GROUND UNO

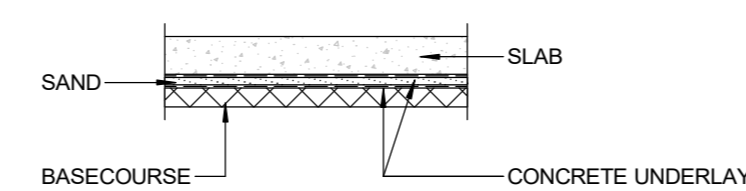
- SCALE: 1:200
- SLABS ON GROUND TO BE CAST ON A CONCRETE UNDERLAY (0.2mm THICK HIGH IMPACT RESISTANCE FILM TO AS/NZS 4347) OVER A 100mm BASE COURSE BLENDED WITH SAND.
 - REINFORCE 120 SDC SLABS ON GROUND WITH 1 LAYER OF SL102 FABRIC TOP THROUGHOUT 30 COVER.
 - REINFORCE 150 SDC SLABS ON GROUND WITH 1 LAYER OF SL102 FABRIC TOP THROUGHOUT 30 COVER.
 - ALL LEVELS AND FALLS TO ARCHITECT'S DETAILS.
 - REFER TO HYDRAULIC ENGINEERS DETAILS FOR ALL SUB SOIL DRAINAGE, TRENCHES, SLUMPS, PITS AND GRATED DRAINS UNO.
 - REFER TO THE GEOTECHNICAL ENGINEER FOR ALL SUBBASE REQUIREMENTS.



TYPICAL SLAB ON GROUND TRIMMER DETAILS

SCALE: 1:100

AT ALL COLUMNS, WALLS, PITS, FLOOR WASTES, ETC. THAT CAUSE A PENETRATION THROUGH THE SLAB.



PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- LOADBEARING CONCRETE WALL W1 UNDER
- LOADBEARING MASONRY WALL BW1 UNDER
- C.J. SLAB CONSTRUCTION JOINT
- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

SLAB ON GROUND LEGEND

- S.J. SAWN JOINT
- K.J. KEYED JOINT
- D.J. DOWEL JOINT
- E.J. EXPANSION JOINT
- SLAB THICKNESS

NO	DATE	BY	CHKD	REVISED	ISSUE	EGE	SMS
03.10.20	P4	REVISED	SSA	ISSUE	REVISED	SSA	ISSUE
07.07.20	P2	REVISED	SSA	ISSUE	REVISED	SSA	ISSUE
24.02.20	P2	DRAFT	SSA	ISSUE	REVISED	SSA	ISSUE
17.02.20	P1	REVISED	SSA	ISSUE	REVISED	SSA	ISSUE
		DATE	NO	BY	CHKD	REVISED	ISSUE

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Principal Consultant
Architect
HR
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Structural
TTW

Principal Contractor
MULTIPLY

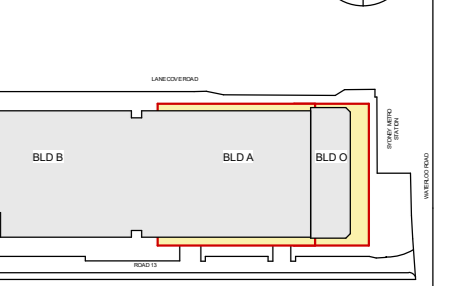


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Structural Engineer
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Document/Action/Project Number
221661

Key Plan



0 1 2 3 4 5 m

SCALE 1:100 AT A0
SCALE 1:200 AT A2

Site: S5
Sage: NEXDC Project Number

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

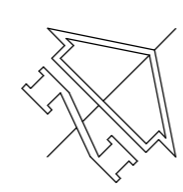
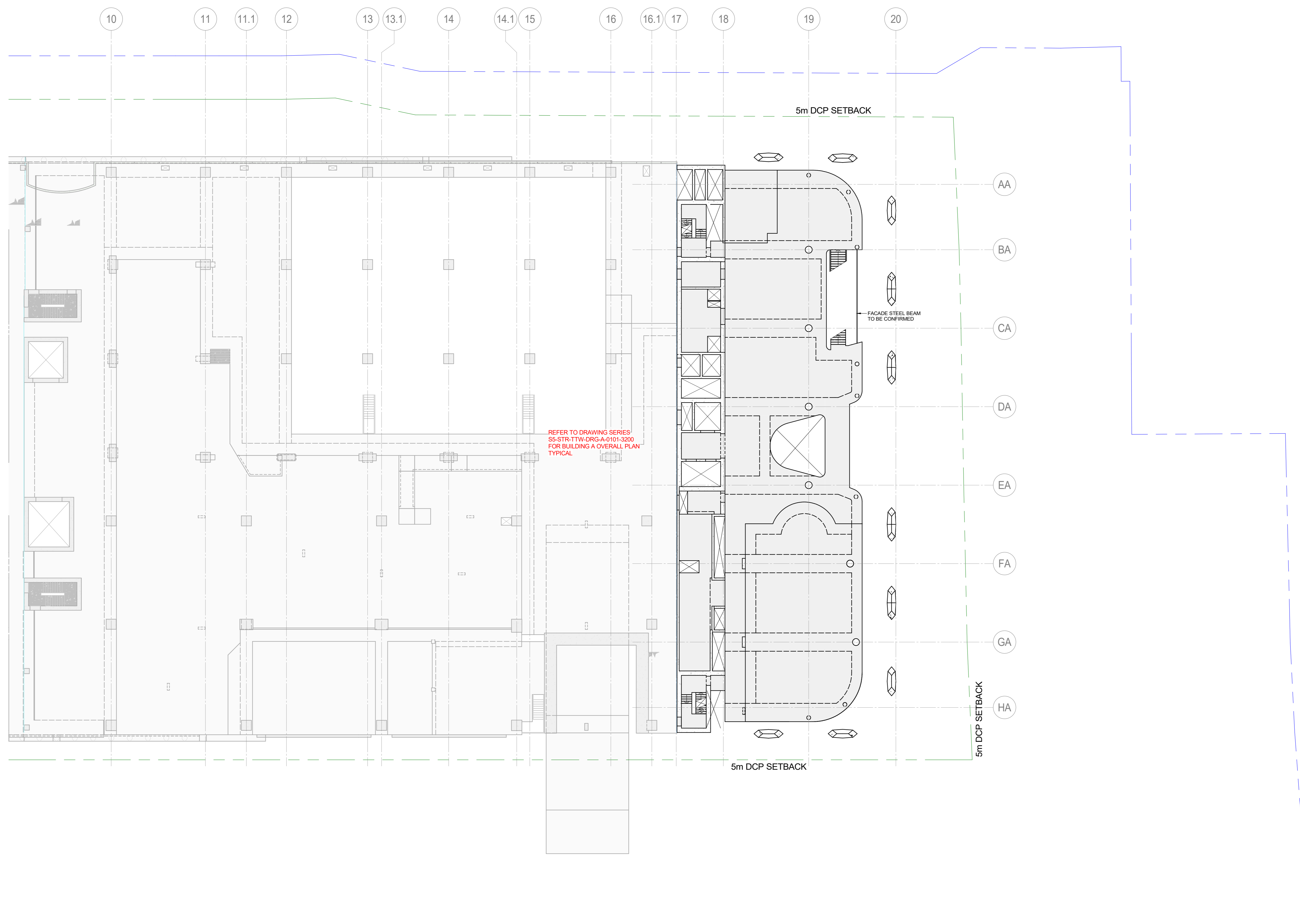
Project Name:
**NEXTDC S5 - SHIRAZ 5 -
BUILDING O**

Drawing Title:
GROUND FLOOR OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

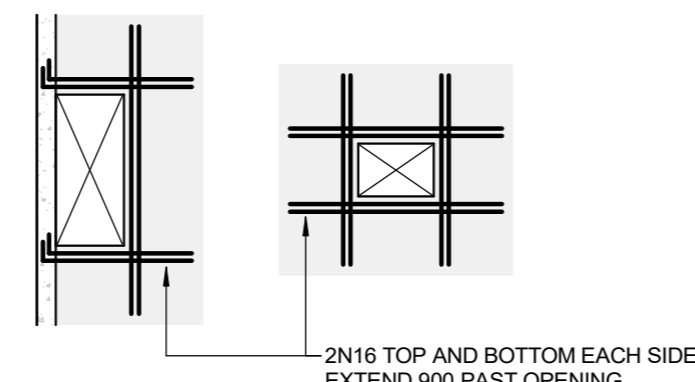
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CHK	15.07.24	15.07.24	15.07.24	15.07.24	15.07.24
APP	15.07.24	15.07.24	15.07.24	15.07.24	15.07.24

Scale: As Indicated
Drawing Number: SS-STR-TTW-DRG-O-0101-3000
Rev: P4



LEVEL 1 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 - ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 - PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 - ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.



TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- LOADBEARING CONCRETE WALL W1 UNDER
- LOADBEARING MASONRY WALL BW1 UNDER
- SLAB CONSTRUCTION JOINT
- SLAB PERMANENT MOVEMENT JOINT
- SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED RSCA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.23	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.23	P1	REVISED RSCA ISSUE	EGE	SMS	

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Principal Consultant:
Architect:
HR
Services:
ARUP
Structural:
TTW

Principal Contractor:
MULTIPLY

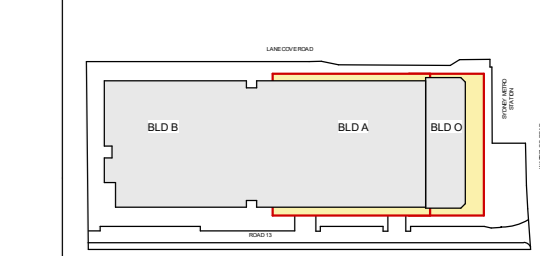


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Structural Engineer:
TTW
www.ttwengineers.com

Document/Action/Project Number:
221661

Key Plan:



SCALE 1:100 AT A0
SCALE 1:200 AT A2

Site: SS
Sage: NEXTRC Project Number

Project Address:
**289 LANE COVE ROAD,
MACQUARIE PARK, NSW**

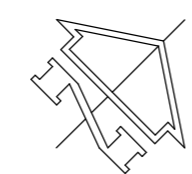
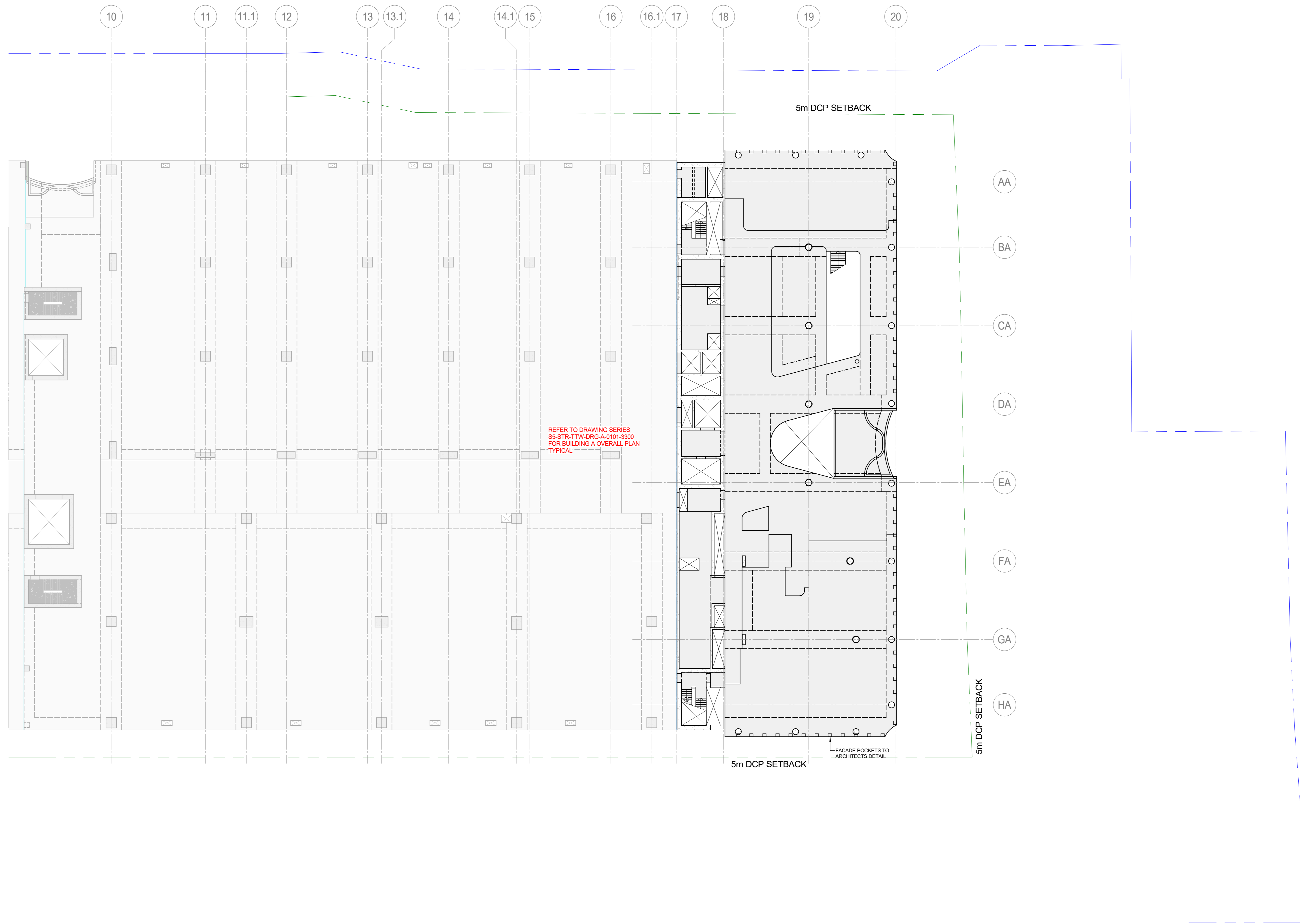
Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 1 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

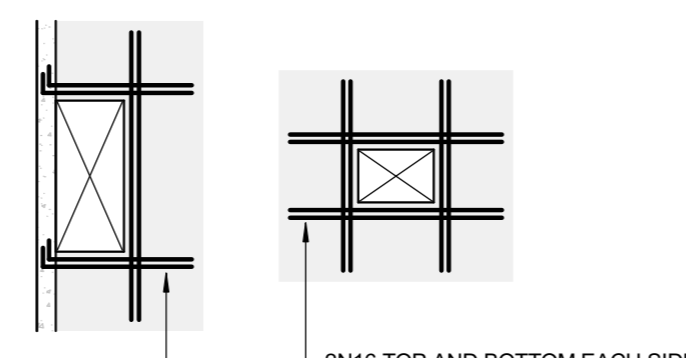
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CHECKED	DATE
RS	15.07.24
APPROVED	DATE
RS	15.07.24

Scale: As Indicated
Sheet: AD
File Name:
Drawing Number: SS-STR-TTW-DRG-O-0101-3100
Rev: P4



LEVEL 2 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 2. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 4. PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 5. ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.



TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
- BW1 (U) LOADBEARING MASONRY WALL BW1 UNDER
- C-J SLAB CONSTRUCTION JOINT
- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.02.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

- NOTE:
1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ASSOCIATED SPECIFICATION
 2. DO NOT SCALE FROM DRAWINGS
 3. CONFIRM ALL MEASUREMENTS ON SITE
 4. CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
 5. ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

Principal Contractor
MULTIPLY

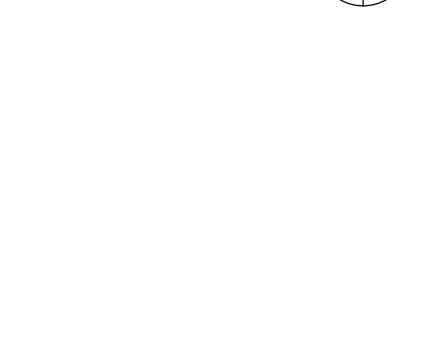


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Structural Engineer
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Document Action/Project Number
221661

Key Plan



Scale: 1:100 AT A0
SCALE 1:200 AT A2

Site: SS Sage: NEXTDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

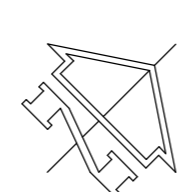
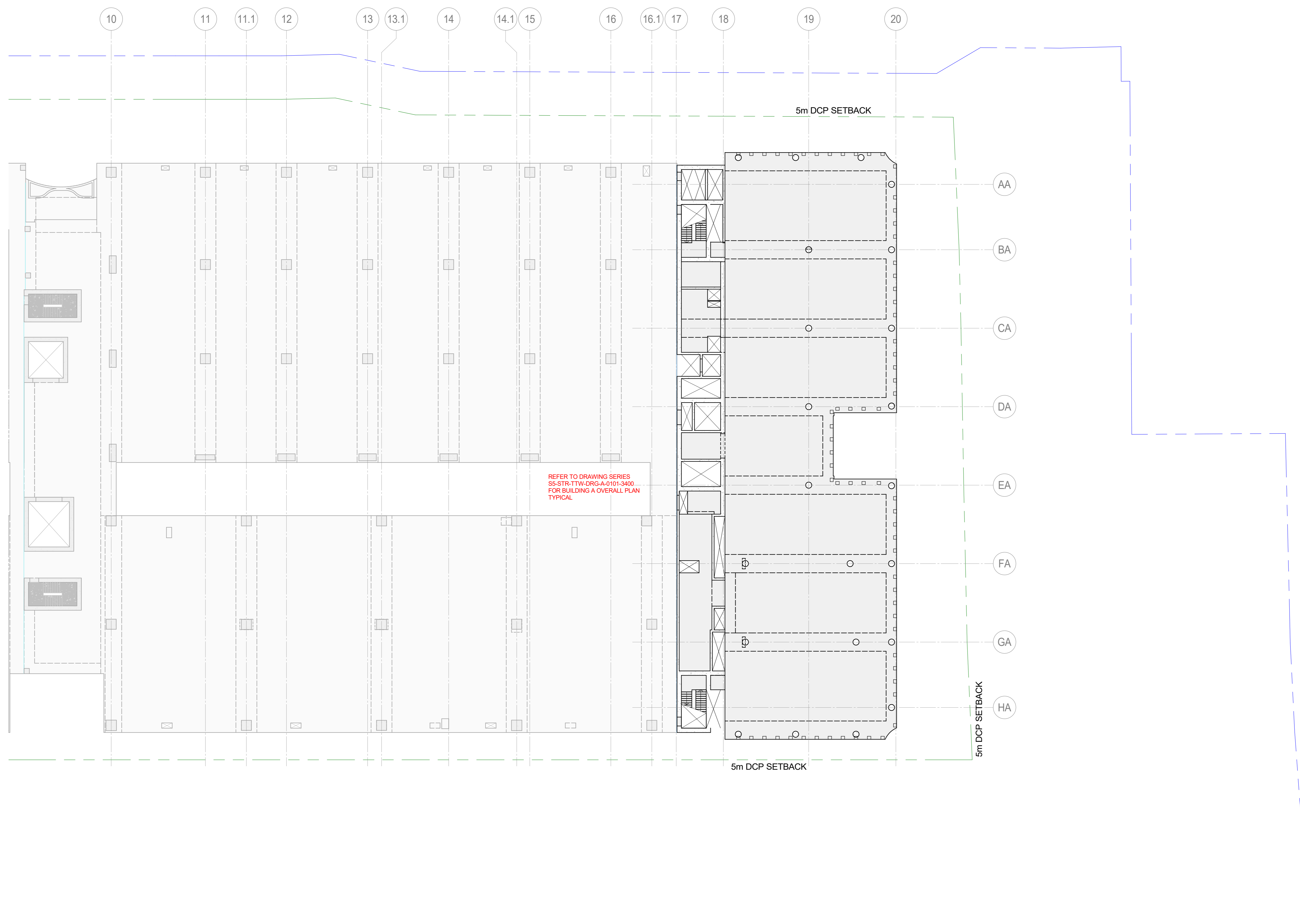
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LEVEL 2 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

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EGE	15.07.24
CHECKED	DATE
EGE	15.07.24
APPROVED	DATE
EGE	15.07.24

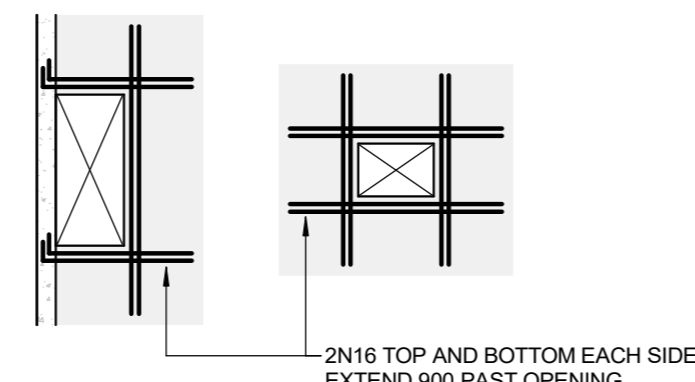
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As Indicated	A0	

Drawing Number: **SS-STR-TTW-DRG-O-0101-3200** P4



LEVEL 3 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:250
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 - ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 - PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 - ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.



TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- LOADBEARING CONCRETE WALL W1 UNDER
- LOADBEARING MASONRY WALL BW1 UNDER
- SLAB CONSTRUCTION JOINT
- SLAB PERMANENT MOVEMENT JOINT
- SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW.	CHK.	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

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 - DO NOT SCALE FROM DRAWINGS
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 - ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

Principal Contractor
MULTIPLY

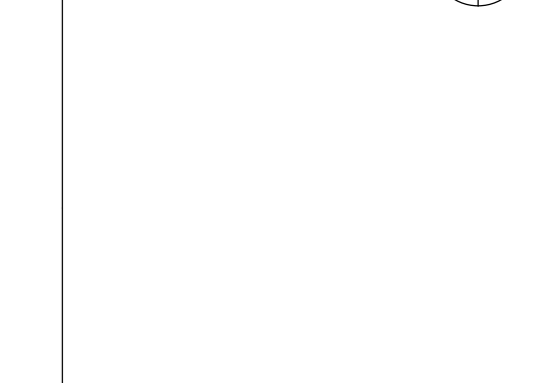


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Document/Action/Project Number
221661

Key Plan



Site: Sage: NEXTDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 3 OVERALL PLAN

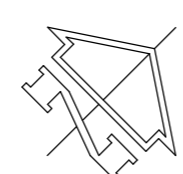
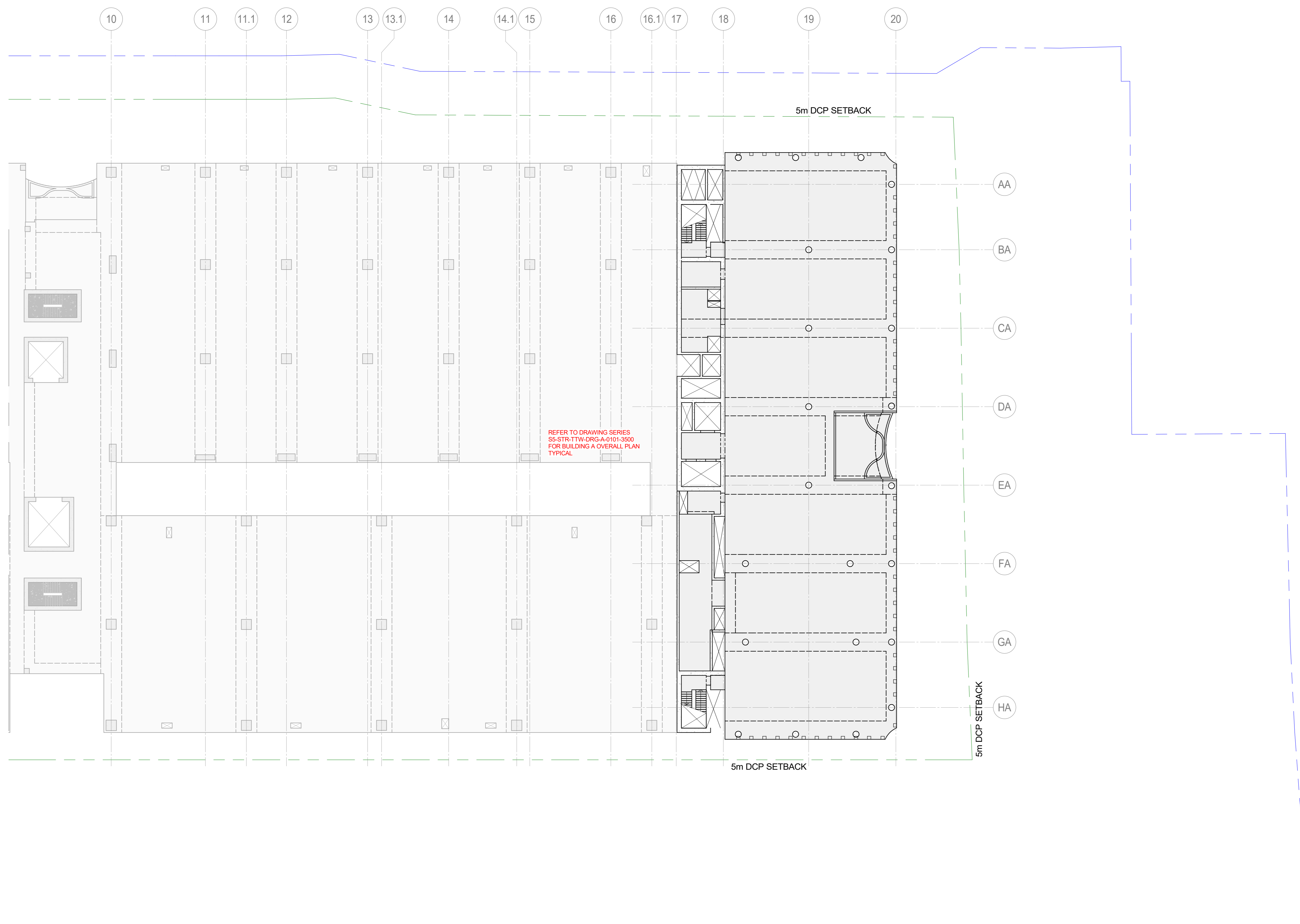
Drawing Status:
PRELIMINARY

NOT TO BE USED FOR CONSTRUCTION

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EGE	15.07.24
CHECKED	DATE
EGE	15.07.24
APPROVED	DATE
EGE	15.07.24

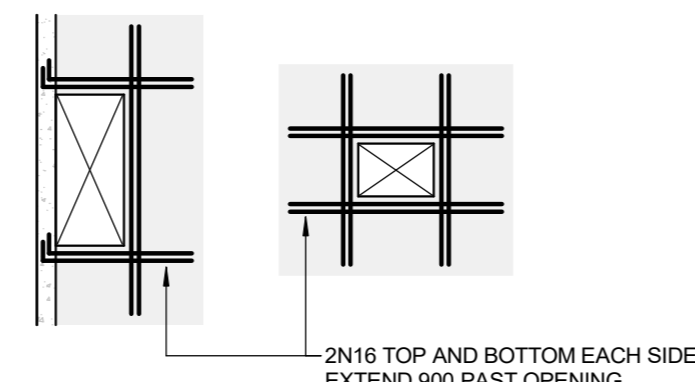
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As Indicated: **AD**

Drawing Number: **SS-STR-TTW-DRG-O-0101-3300** P4



LEVEL 4 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:250
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
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PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
- BW1 (U) LOADBEARING MASONRY WALL BW1 UNDER
- C-J SLAB CONSTRUCTION JOINT
- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW.	CHK.	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RVN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

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 - ENSURE COORDINATION WITH OTHER TRADES ON SITE

Principal Consultant
Architect
HR
Services
ARUP
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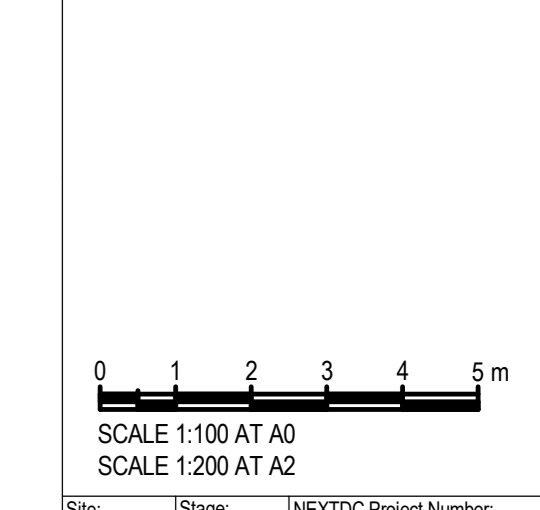
Principal Contractor
MULTIPLY
MULTIPLY

Client
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Structural Engineer
TTW
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Document/Action/Project Number
221661

Key Plan



Site: Sage: NEXTDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 4 OVERALL PLAN

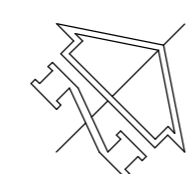
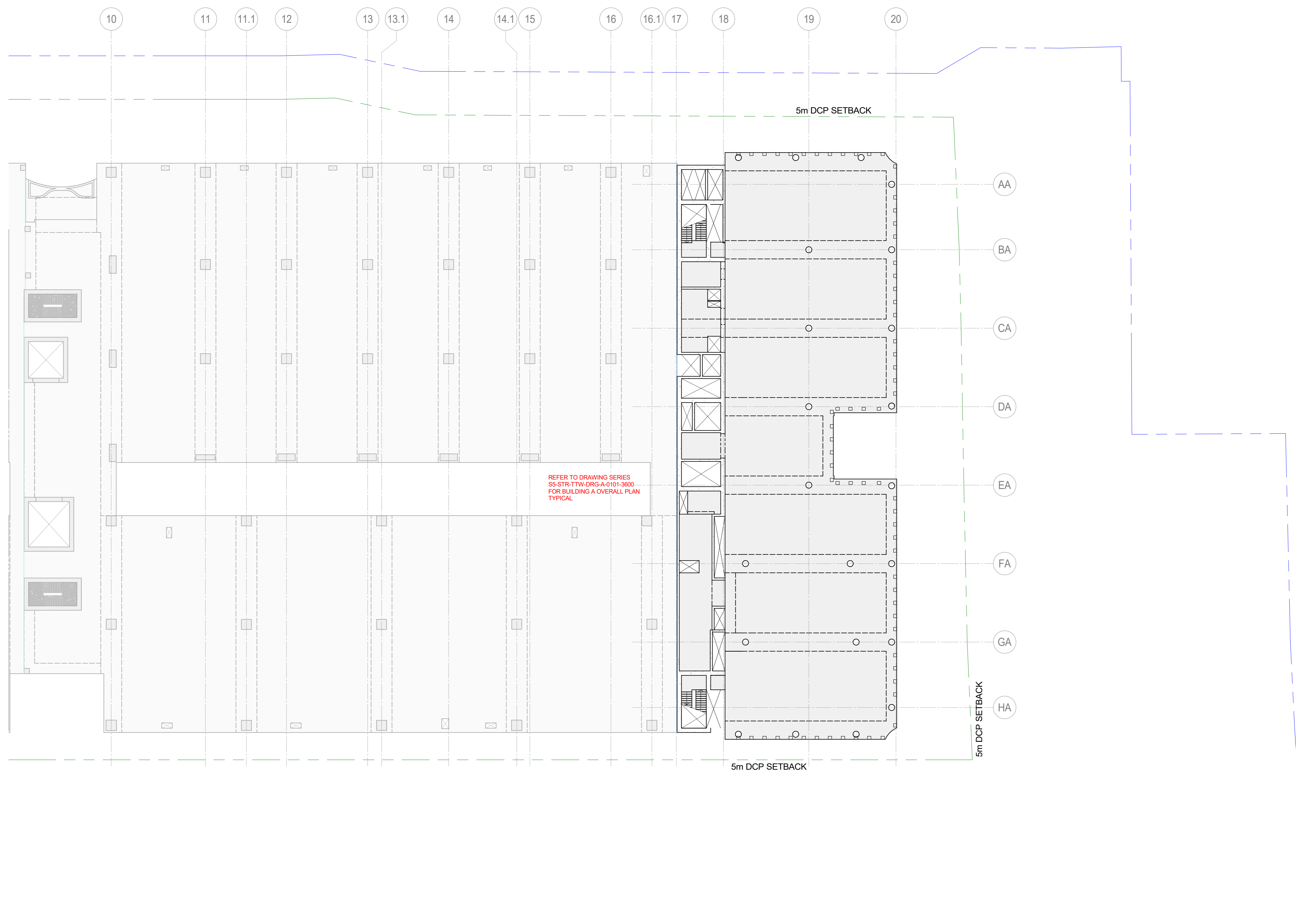
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NOT TO BE USED FOR CONSTRUCTION

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EGE	15.07.24
CHECKED	DATE
EGE	15.07.24
APPROVED	DATE
EGE	15.07.24

Scale: Sheet: File Name:

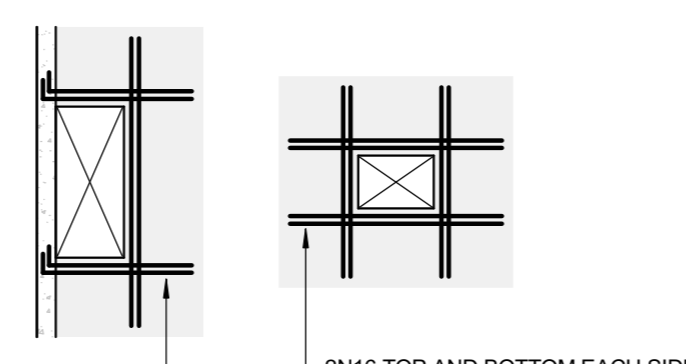
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Drawing Number: **SS-STR-TTW-ORG-0101-3400** P4



LEVEL 5 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
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TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
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- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

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 - CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
 - ENSURE COORDINATION WITH OTHER TRADES ON SITE

Principal Consultant
Architect
HR
Services
ARUP
Structural
TTW

Principal Contractor
MULTIPLY

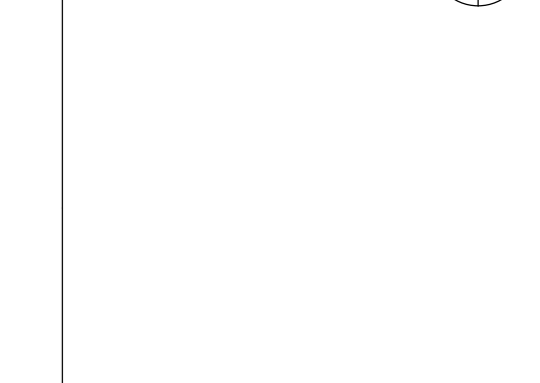


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Structural Engineer
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Document/Action/Project Number
221661

Key Plan



Site: SS
Sage: NEXDC Project Number

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

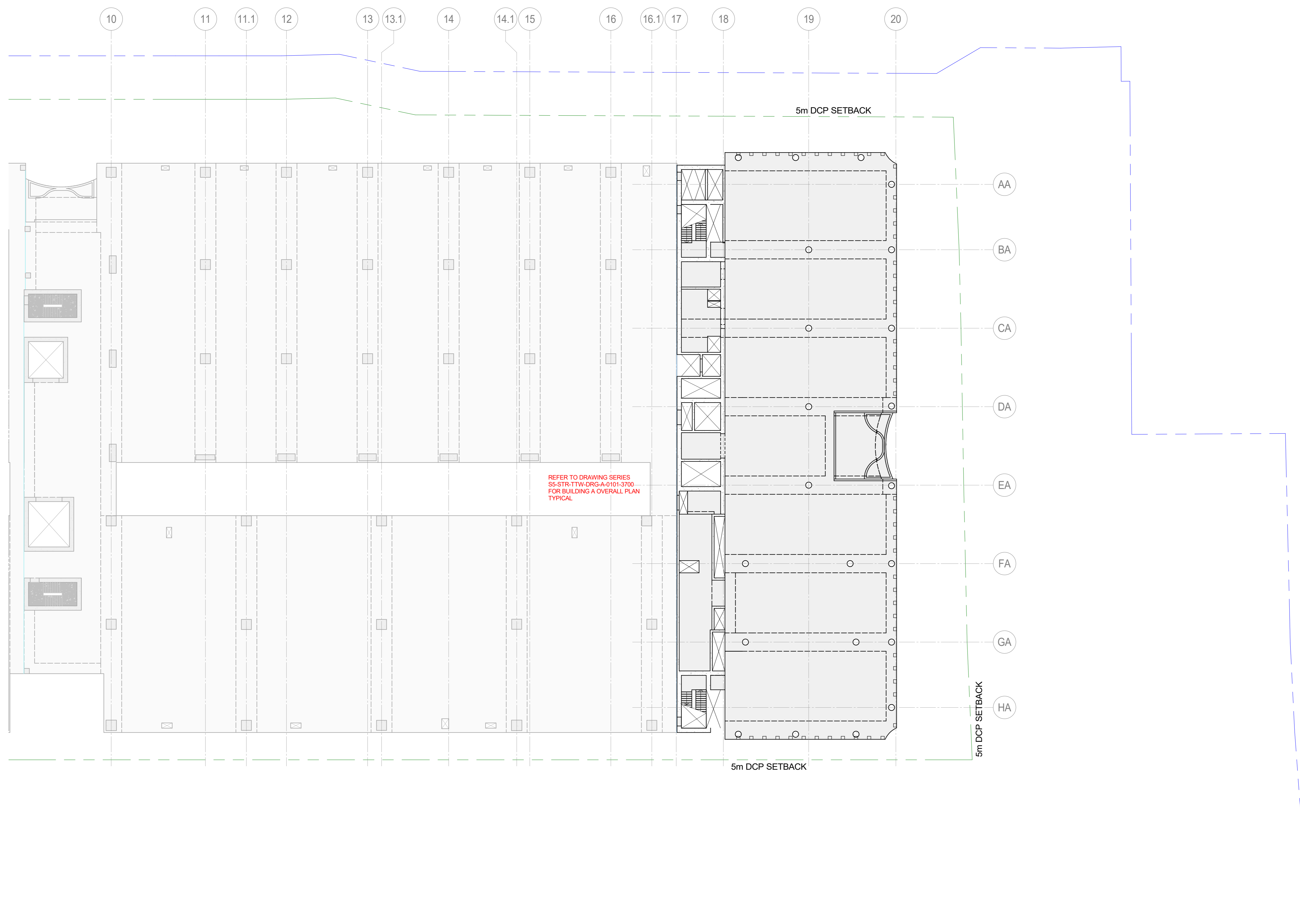
Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 5 OVERALL PLAN

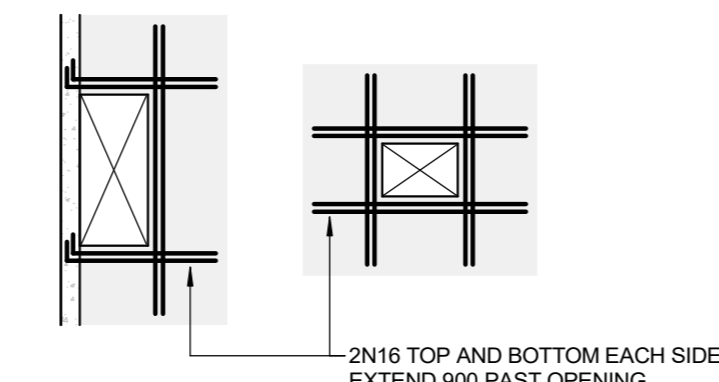
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NOT TO BE USED FOR CONSTRUCTION

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ESB	15.07.24
CHECKED	DATE
	15.07.24
APPROVED	DATE
	15.07.24

Scale: As Indicated
Sheet: AD
File Name:
Drawing Number: SS-STR-TTW-DRG-O-0101-3500
Rev: P4



LEVEL 6 OVERALL PLAN - 200 MINIMUM SLAB UNO
 SCALE: REFER ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 3. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 4. PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
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TYPICAL TRIMMER DETAIL
 PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

[Symbol]	EXISTING STRUCTURE
[Symbol]	CONCRETE
[Symbol]	STEELWORK
[Symbol]	CONCRETE WALL
[Symbol]	REINFORCED CORE FILLED BLOCKWORK
[Symbol]	CORE FILLED BLOCKWORK
[Symbol]	PRECAST WALL / COLUMN
[Symbol]	W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
[Symbol]	BW1 (U) LOADBEARING MASONRY WALL BW1 UNDER
[Symbol]	C-J SLAB CONSTRUCTION JOINT
[Symbol]	P.M.J. SLAB PERMANENT MOVEMENT JOINT
[Symbol]	T.M.J. SLAB TEMPORARY MOVEMENT JOINT
[Symbol]	SLAB SETDOWN
[Symbol]	SLAB STEP
[Symbol]	SLAB PENETRATION
[Symbol]	CAST-IN PIPE PENETRATION ZONE
[Symbol]	SLAB OR BAND THICKNESS
[Symbol]	CONCRETE COLUMN
[Symbol]	CONCRETE COLUMN UNDER ONLY
[Symbol]	CONCRETE COLUMN OVER ONLY
[Symbol]	STEEL COLUMN
[Symbol]	SPAN OF PERMANENT FORMWORK

03.10.2018	PA	REVISED RCPA ISSUE	EGE	SMS
07.07.2018	PA	REVISED LOGBOOK ISSUE	EGE	SMS
24.02.2018	P2	DRAFT LOGBOOK ISSUE	EGE	SMS
17.02.2018	P1	REVISED RCPA ISSUE	EGE	SMS
			DRW	CHK
			DATE	REV

- NOTE:
1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ASSOCIATED SPECIFICATION
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 3. CONFIRM ALL MEASUREMENTS ON SITE
 4. CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
 5. ENSURE COORDINATION WITH OTHER TRADES ON SITE.

Principal Consultant:
 Architect:
HR
 Services:
ARUP
 Structural:
TTW
 Principal Contractor:
MULTIPLY
MULTIPLY

Client:

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 GPO Box 2018
 Brisbane QLD 4001
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Structural Engineer:

TTW
 www.ttwengineers.com

Document/Action/Project Number:
221661

Key Plan:

Scale:
 0 1 2 3 4 5 m
 SCALE 1:100 AT A0
 SCALE 1:200 AT A2

Site: []
 Stage: []
 NEXDTC Project Number: []

Project Address:
**269 LANE COVE ROAD,
 MACQUARIE PARK, NSW**

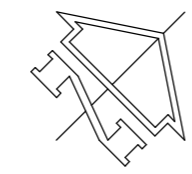
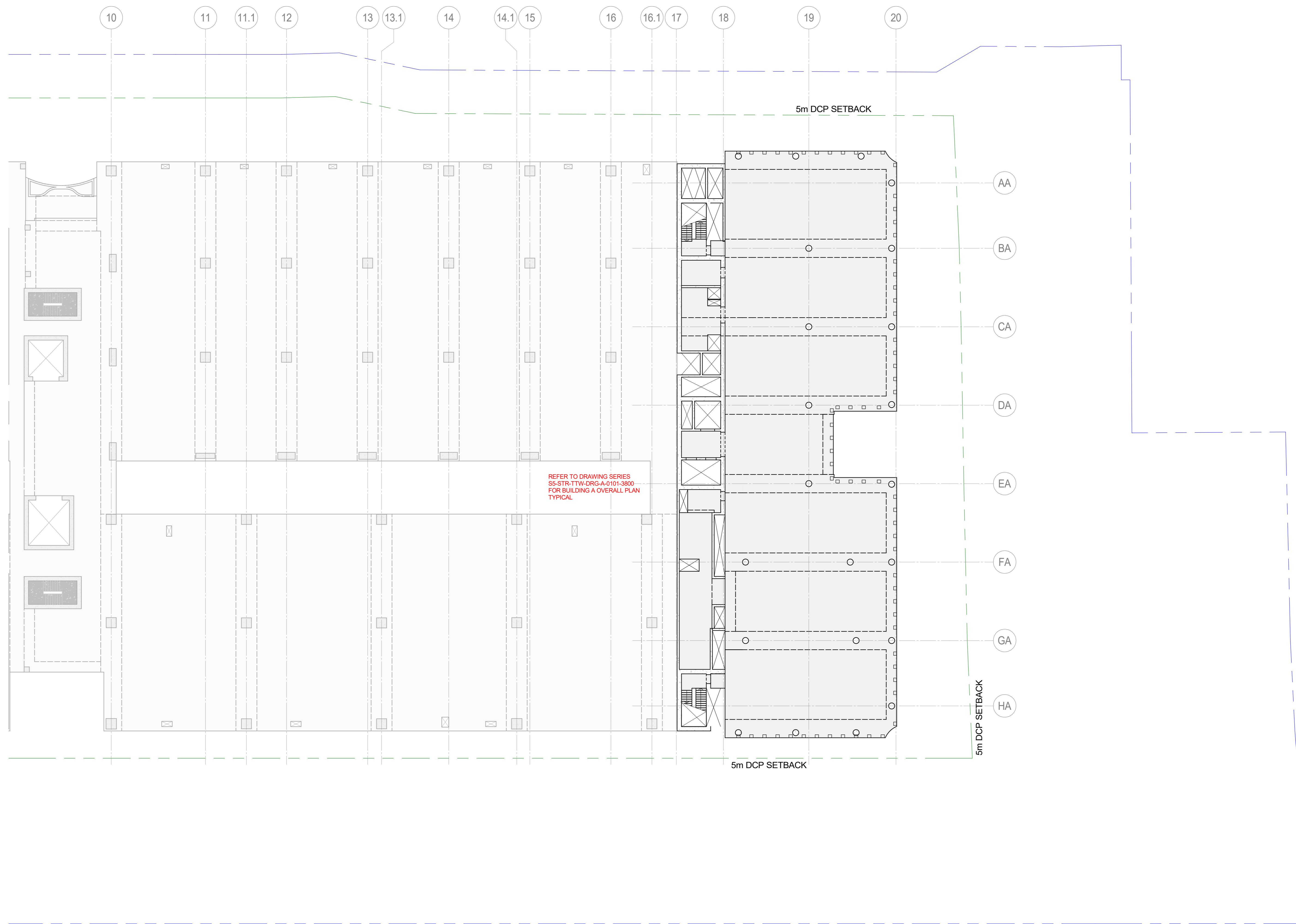
Project Name:
**NEXDTC SS - SHIRAZ 5 -
 BUILDING O**

Drawing Title:
LEVEL 6 OVERALL PLAN

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

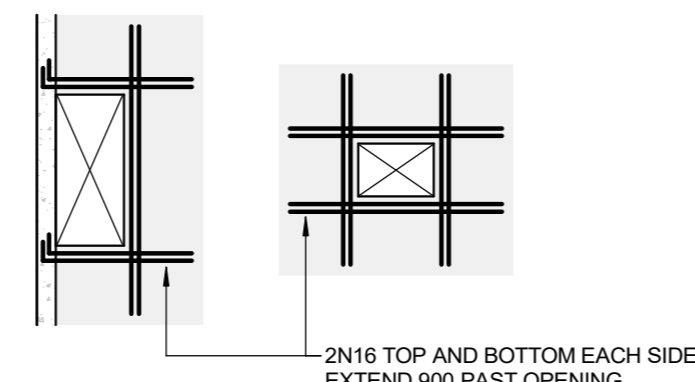
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CHECKED	EGE	Date	15.07.24
APPROVED	EGE	Date	15.07.24

Scale: []
 Sheet: []
 As Indicated: **AD**
 Drawing Number: **SS-STR-TTW-DRG-O-0101-3600**
 Rev: **P4**



LEVEL 7 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
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TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC.

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
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- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
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- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW.	CHK.	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RVN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

- NOTE:
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Principal Consultant
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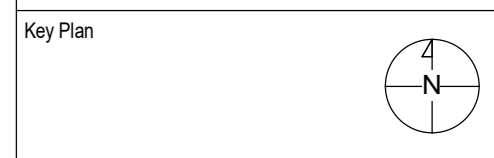
Principal Contractor
MULTIPLY



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Structural Engineer
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Document/Action/Project Number
221661



Scale: 1:100 AT A0
Scale: 1:200 AT A2

Site: S5
Scale: S5
NEXTDC Project Number: S5

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

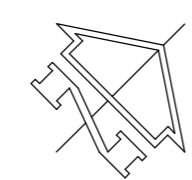
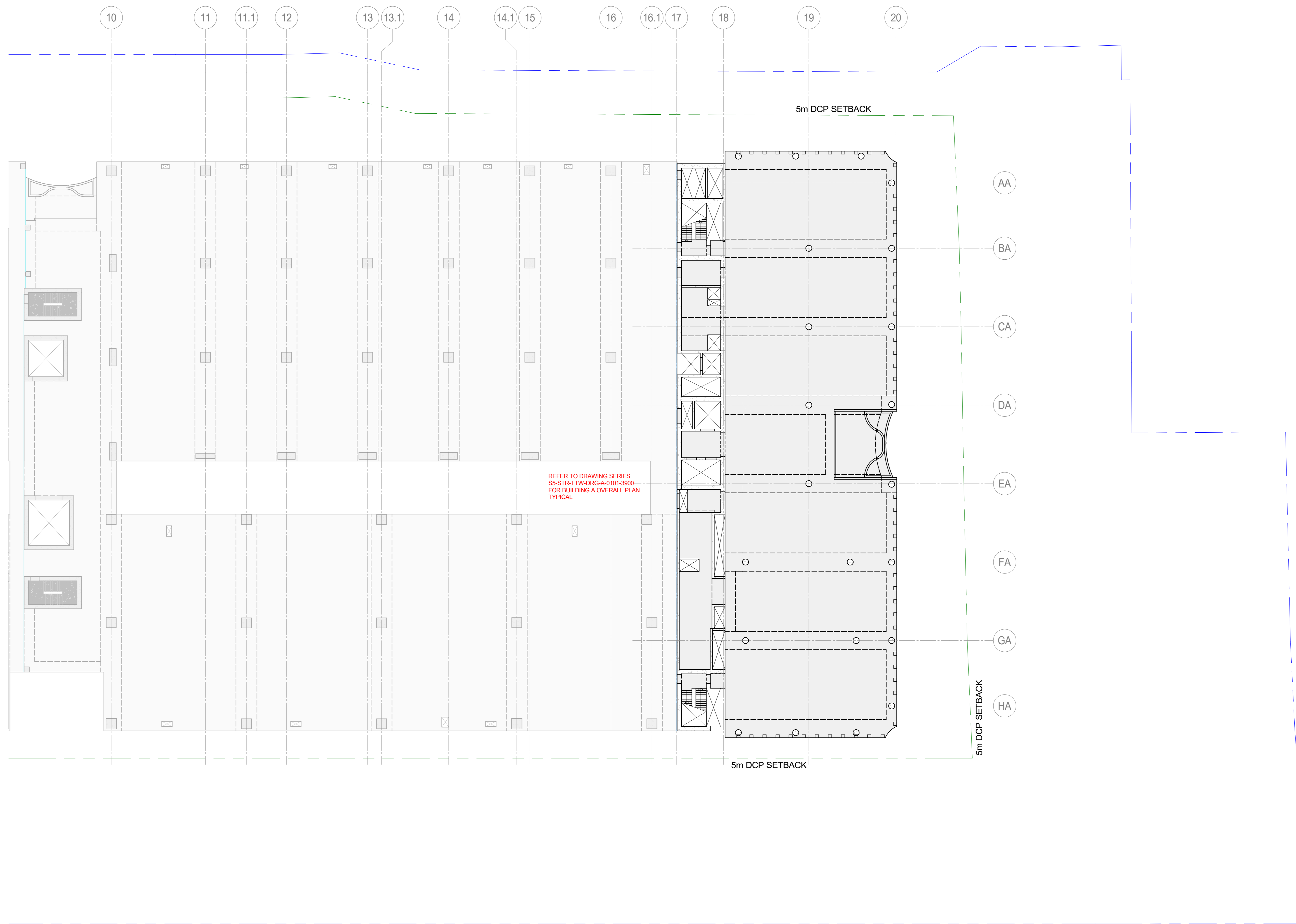
Project Name:
**NEXTDC S5 - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 7 OVERALL PLAN

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

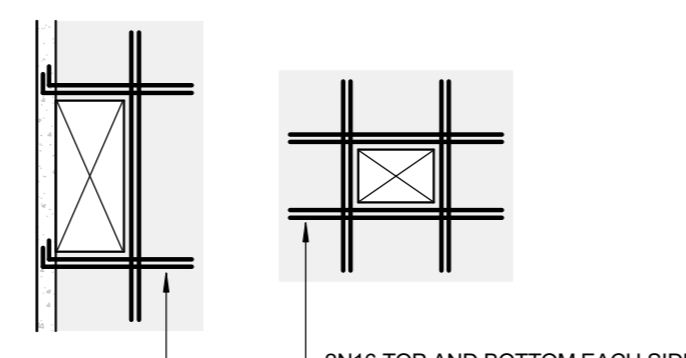
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ESB	15.07.24
CHECKED	DATE
	15.07.24
APPROVED	DATE
	15.07.24

Scale: As Indicated
Sheet: AD
File Name:
Drawing Number: SS-STR-TTW-DRG-O-0101-3700



LEVEL 8 OVERALL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 - ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 - PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 - ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.



PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- LOADBEARING CONCRETE WALL W1 UNDER
- LOADBEARING MASONRY WALL BW1 UNDER
- SLAB CONSTRUCTION JOINT
- SLAB PERMANENT MOVEMENT JOINT
- SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW.	CHK.	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RVN	ASU	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

- NOTE:
- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ASSOCIATED SPECIFICATION
 - DO NOT SCALE FROM DRAWINGS
 - CONFIRM ALL MEASUREMENTS ON SITE
 - CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
 - ENSURE COORDINATION WITH OTHER TRADES ON SITE

Principal Consultant
Architect
HR
Services
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Principal Contractor
MULTIPLY

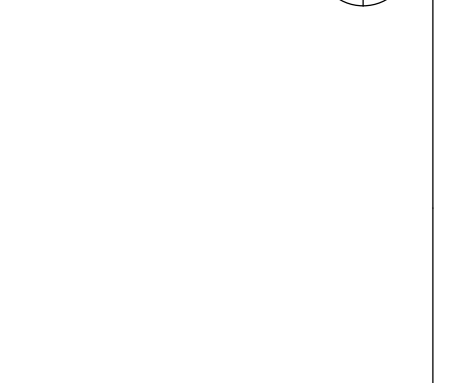


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Structural Engineer
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Document/Action/Project Number
221661

Key Plan



Site: Stage: NEXTDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
LEVEL 8 OVERALL PLAN

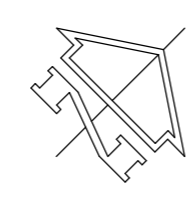
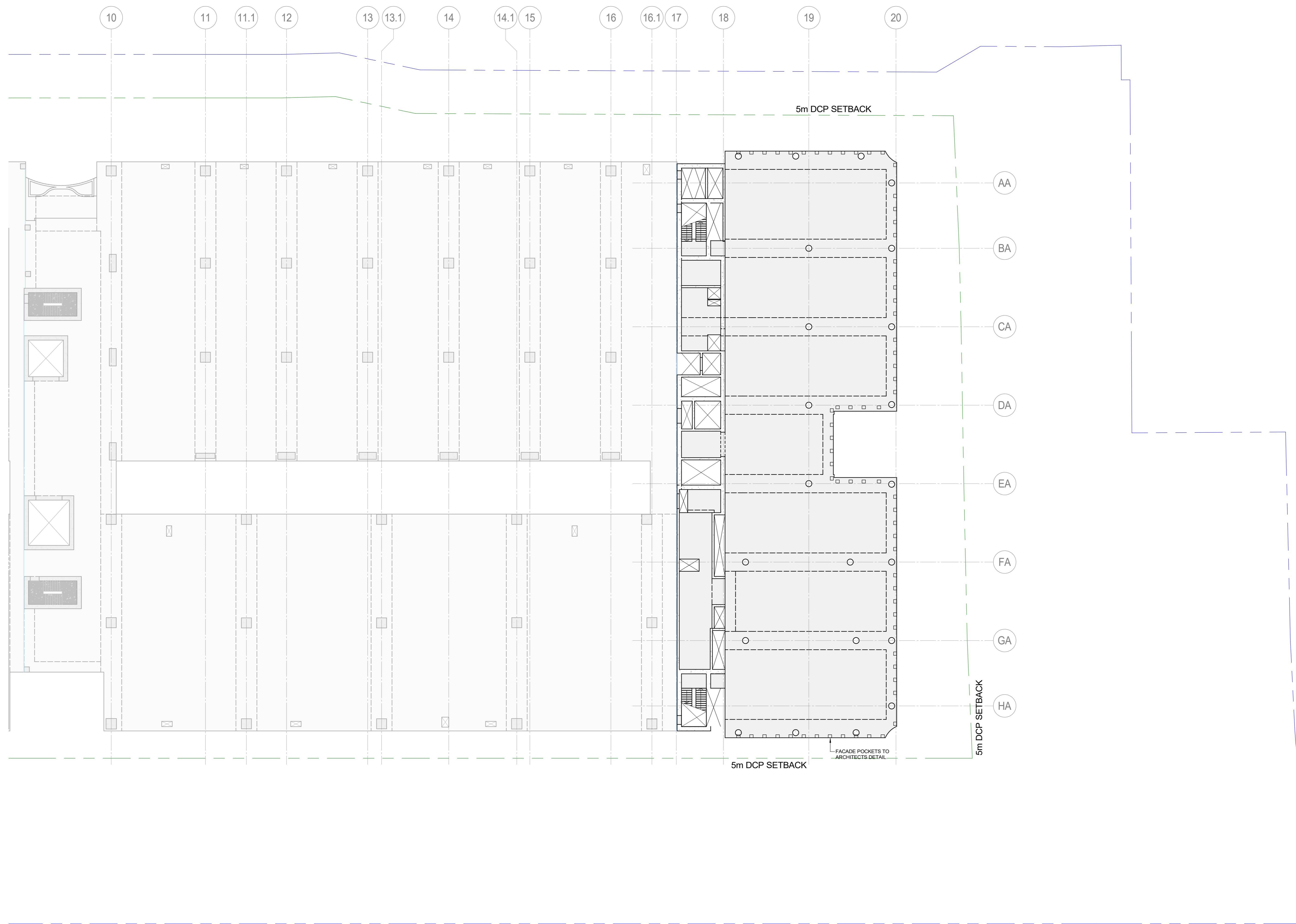
Drawing Status:
PRELIMINARY

NOT TO BE USED FOR CONSTRUCTION

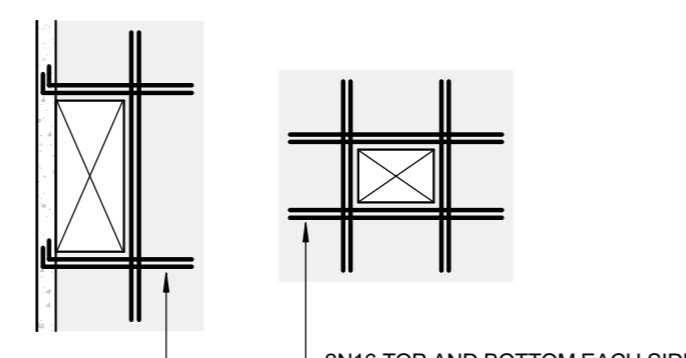
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ESB	15.07.24
CHECKED	DATE
	15.07.24
APPROVED	DATE
	15.07.24

Scale:	Sheet:	File Name:
As Indicated	A0	

Drawing Number: **SS-STR-TTW-DRG-0-0101-3800** P4



LEVEL 9 OVERALL PLAN - 200 MINIMUM SLAB UNO
 SCALE: UNLESS OTHERWISE NOTED OTHERWISE
 1. REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
 2. ALL LEVELS, FALLS AND WATERPROOF MEMBRANE TO ARCHITECTS DETAILS.
 3. PROVIDE 1 LAYER OF SLIP GALVANISED MESH TOP 30 COVER TO ALL EXPOSED SLABS.
 4. ANY PENETRATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE SUBMITTED TO THE PRINCIPAL PRIOR TO CASTING CONCRETE. ALL HYDRAULIC SERVICES ARE TO BE PLACED PRIOR TO CASTING CONCRETE. NO CORING THROUGH CONCRETE IS PERMITTED.



TYPICAL TRIMMER DETAIL
 PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
- BW1 (U) LOADBEARING MASONRY WALL BW1 UNDER
- C-J SLAB CONSTRUCTION JOINT
- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LOGBOOK ISSUE	RVN	AND	
24.02.24	P2	DRAFT LOGBOOK ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

- NOTE:
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Principal Contractor
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Structural Engineer

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Document/Action/Project Number
221661

Key Plan

Scale
 0 1 2 3 4 5 m
 SCALE 1:100 AT A0
 SCALE 1:200 AT A2

Site: SS Sage: NEXDC Project Number:

Project Address:
 269 LANE COVE ROAD,
 MACQUARIE PARK, NSW

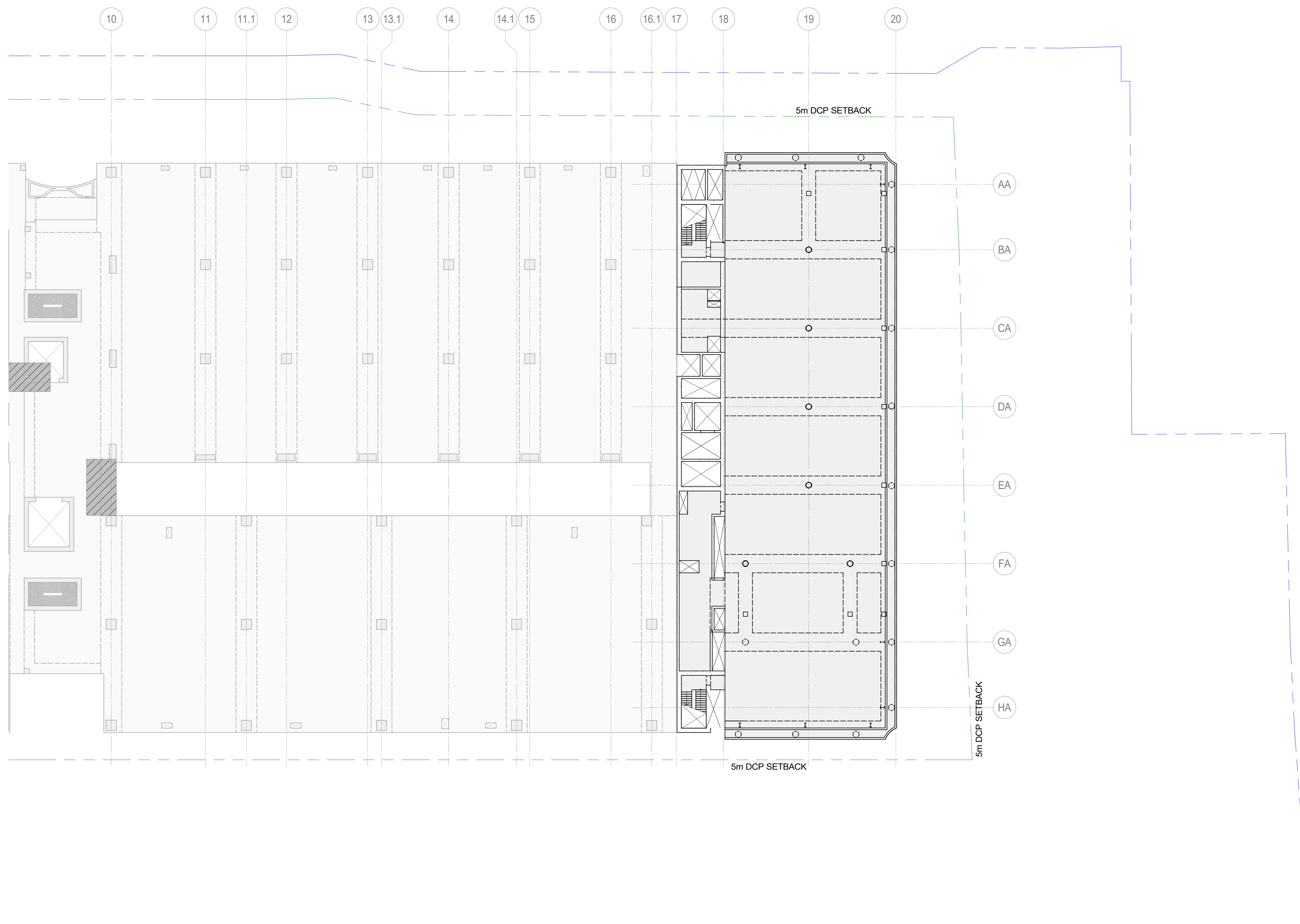
Project Name:
 NEXTDC SS - SHIRAZ 5 -
 BUILDING O

Drawing Title:
 LEVEL 9 OVERALL PLAN

Drawing Status:
PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

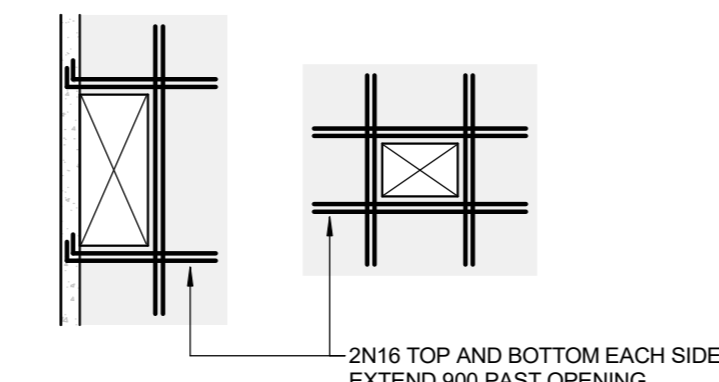
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ESB	15.07.24
CHECKED	DATE
	15.07.24
APPROVED	DATE
	15.07.24

Scale: As Indicated
 Sheet: AD
 File Name:
 Drawing Number: SS-STR-TTW-DRG-O-0101-3850
 Rev: P4



ROOF LEVEL OVERALL PLAN - 220 MINIMUM SLAB UNO

- SCALE: 1:200
- ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
 - REFER TO ARCHITECTS DRAWINGS FOR LOCATION AND SETOUT OF ALL COLUMNS, WALLS HOBS, PLINTHS AND SETDOWNS.
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TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
- CONCRETE
- STEELWORK
- CONCRETE WALL
- REINFORCED CORE FILLED BLOCKWORK
- CORE FILLED BLOCKWORK
- PRECAST WALL / COLUMN
- W1 (U) LOADBEARING CONCRETE WALL W1 UNDER
- BW1 (U) LOADBEARING MASONRY WALL BW1 UNDER
- C-J SLAB CONSTRUCTION JOINT
- P.M.J. SLAB PERMANENT MOVEMENT JOINT
- T.M.J. SLAB TEMPORARY MOVEMENT JOINT
- SLAB SETDOWN
- SLAB STEP
- SLAB PENETRATION
- CAST-IN PIPE PENETRATION ZONE
- SLAB OR BAND THICKNESS
- CONCRETE COLUMN
- CONCRETE COLUMN UNDER ONLY
- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO	REVISION HISTORY	DRW	CHK	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

- NOTE**
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Principal Contractor
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Drawings/Active/Project Number
221661

Key Plan

0 1 2 3 4 5 m
SCALE 1:100 AT A0
SCALE 1:200 AT A2

Site: SS Sage: NEXDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

Project Name:
**NEXDC SS - SHIRAZ 5 -
BUILDING O**

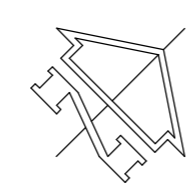
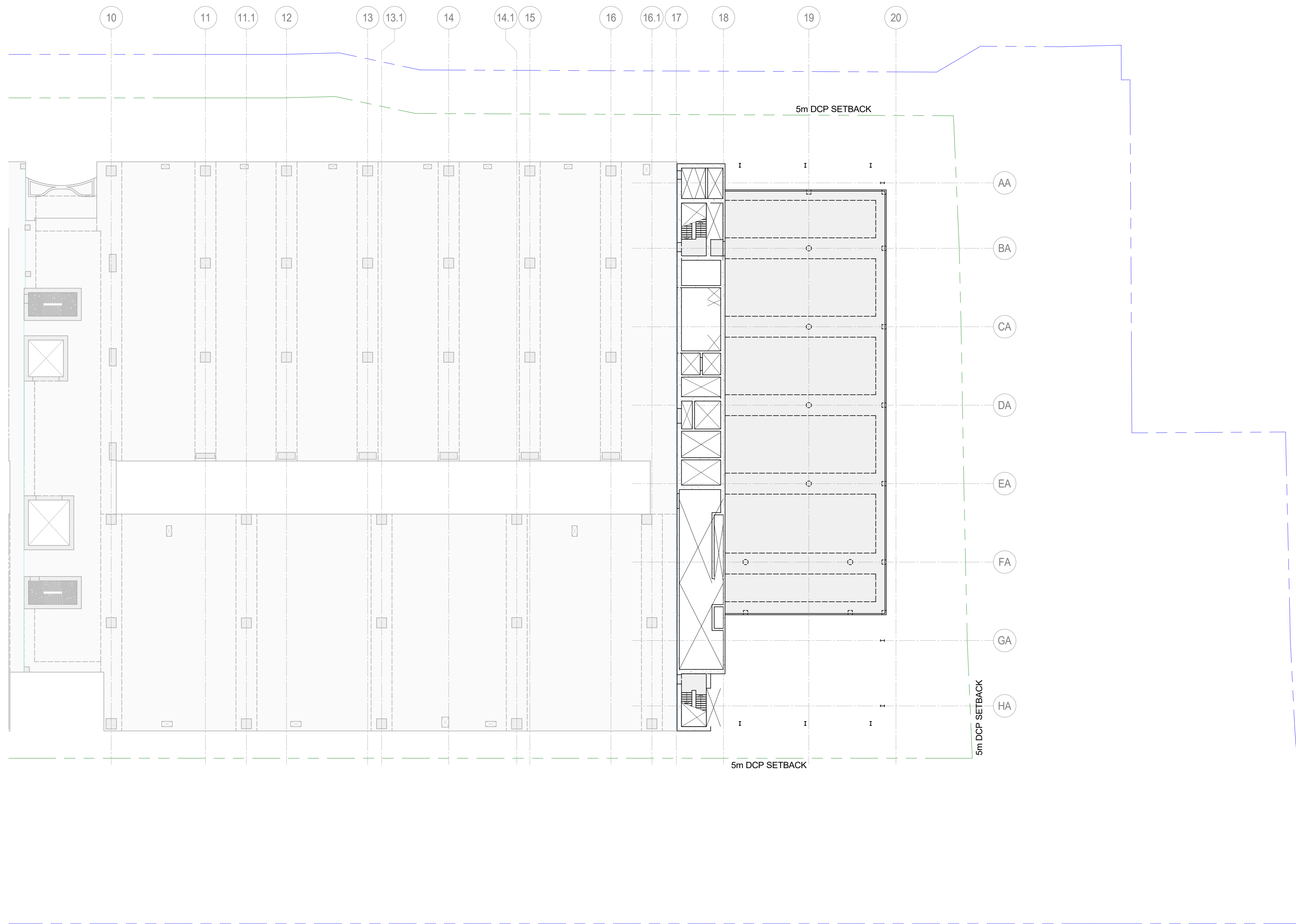
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ROOF LEVEL OVERALL PLAN

Drawing Status:
PRELIMINARY

NOT TO BE USED FOR CONSTRUCTION

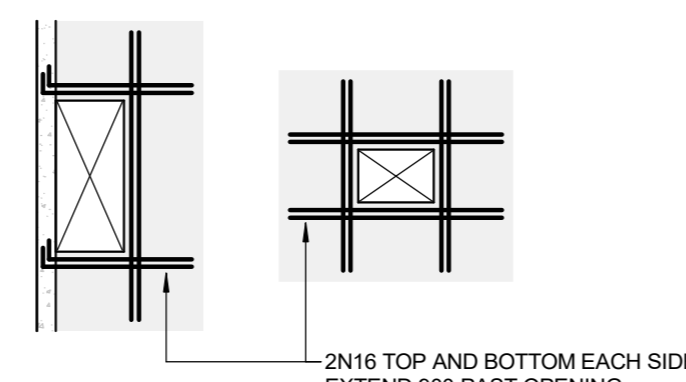
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EGE	15.07.24
CHECKED	DATE
EGE	15.07.24
APPROVED	DATE
EGE	15.07.24

Scale: As Indicated
Sheet: AD
File Name:
Drawing Number: SS-STR-TTW-DRG-O-0101-3900
Rev: P4



PLANTROOM ROOF LEVEL PLAN - 200 MINIMUM SLAB UNO

- SCALE: 1:200
1. ALL BANDS TO BE 2100 WIDE UNLESS NOTED OTHERWISE.
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TYPICAL TRIMMER DETAIL
PROVIDE TRIMMERS AT ALL PENETRATIONS, PITS, ETC

PLAN LEGEND

- EXISTING STRUCTURE
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- CONCRETE COLUMN OVER ONLY
- STEEL COLUMN
- SPAN OF PERMANENT FORMWORK

DATE	NO.	REVISION HISTORY	DRW.	CHK.	QA
03.10.24	P4	REVISED RCPA ISSUE	EGE	SMS	
07.07.24	P2	REVISED LAYOUT ISSUE	RYN	AND	
24.02.24	P2	DRAFT LAYOUT ISSUE	EGE	SMS	
17.02.24	P1	REVISED RCPA ISSUE	EGE	SMS	

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Principal Consultant
Architect
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Principal Contractor
MULTIPLY

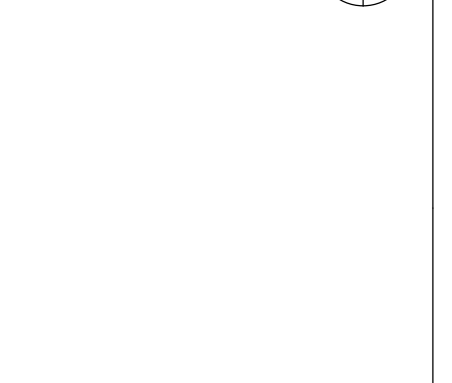


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Discipline/Activity/Project Number
221661

Key Plan



Site: Sage: NEXTDC Project Number:

Project Address:
**269 LANE COVE ROAD,
MACQUARIE PARK, NSW**

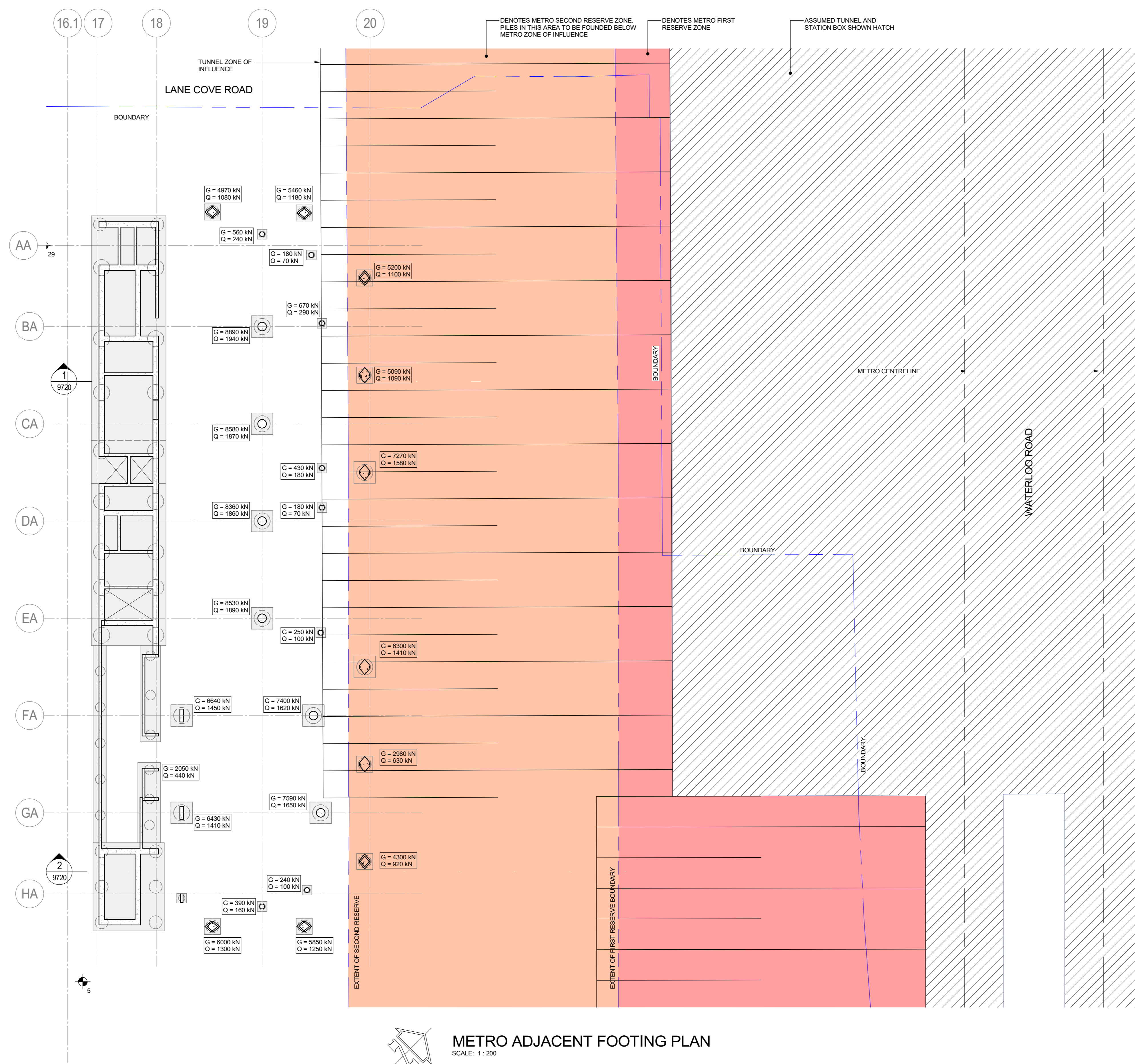
Project Name:
**NEXTDC SS - SHIRAZ 5 -
BUILDING O**

Drawing Title:
**PLANTROOM ROOF LEVEL
OVERALL PLAN**

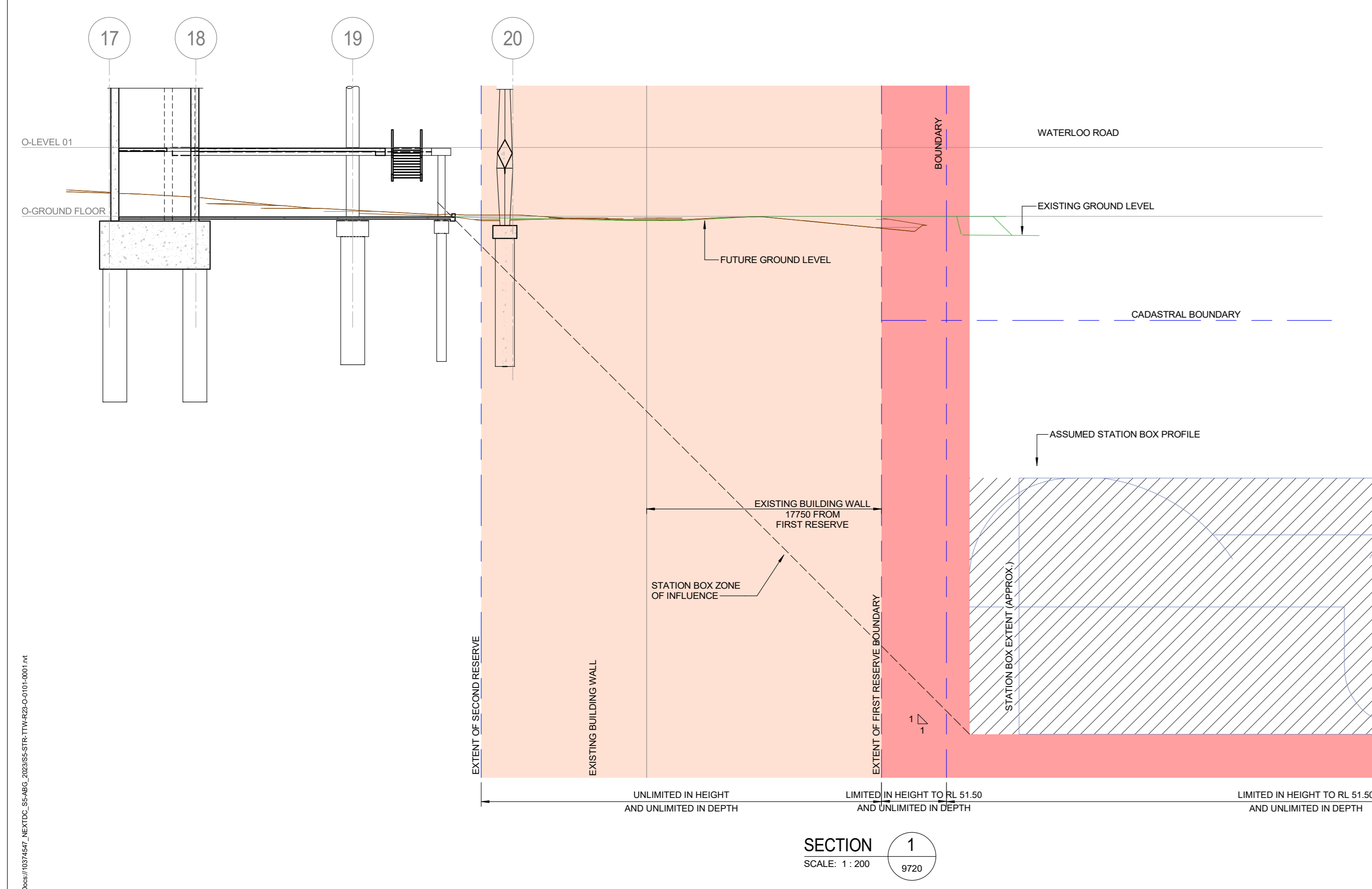
Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

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EGE	15.07.24
CHECKED	DATE
EGE	15.07.24
APPROVED	DATE
EGE	15.07.24

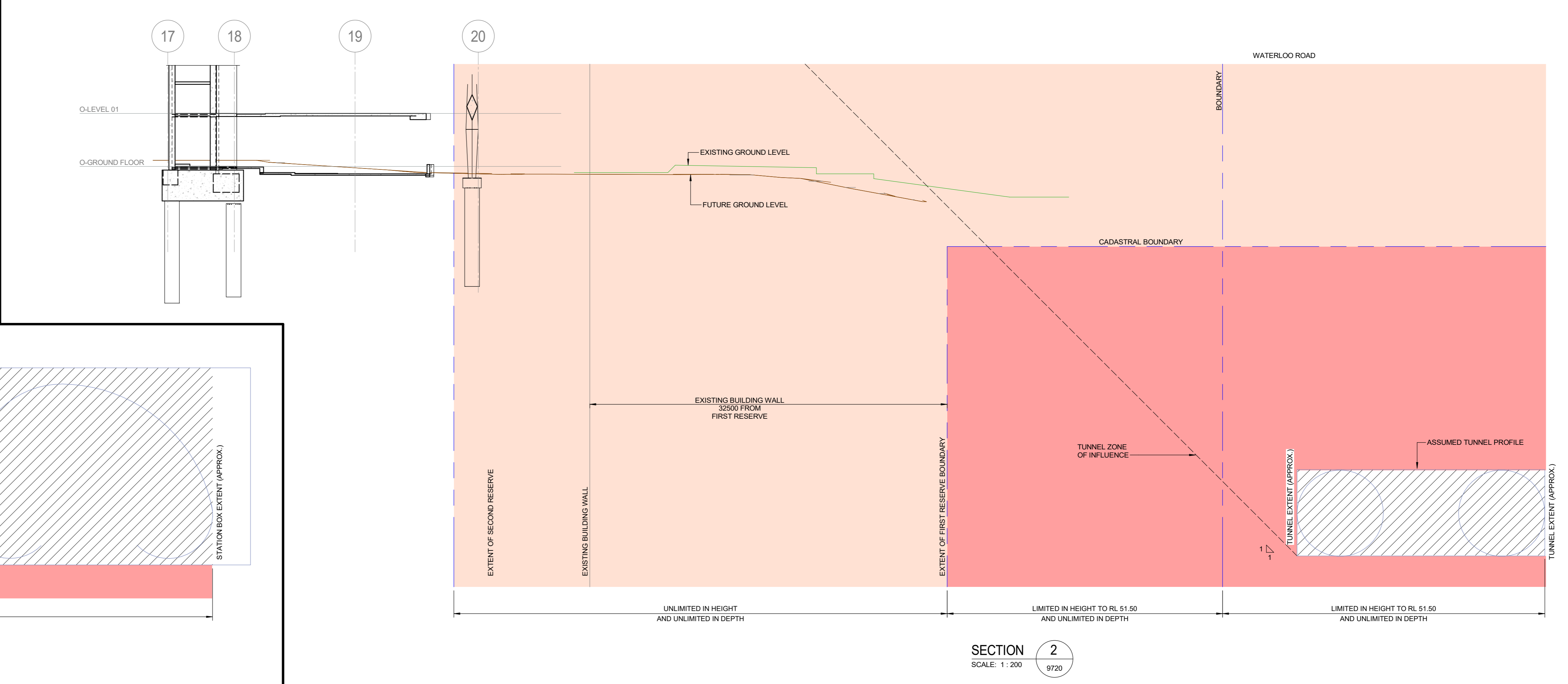
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Drawing Number: **SS-STR-TTW-DRG-O-0101-3950** P4



METRO ADJACENT FOOTING PLAN
SCALE: 1:200



SECTION 1
SCALE: 1:200



SECTION 2
SCALE: 1:200

NO	DATE	REVISION	ISSUE	BY	CHECKED
15.09.24	P4	REVISED SS04 ISSUE	EGS	SMS	
11.07.24	P4	REVISED SS04 ISSUE	EGS	SMS	
11.07.24	P2	REVISED SS04 ISSUE	EGS	SMS	
21.10.24	P2	DRAFT TENDER ISSUE	MPH	JAC	
15.07.24	P1	DRAFT TENDER ISSUE	MPH	JAC	
		DATE	NO	REVISION	HISTORY

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Principal Consultant:
Architect:
HR
Services:
ARUP
Structural:
TTW

Principal Contractor:
MULTIPLEX

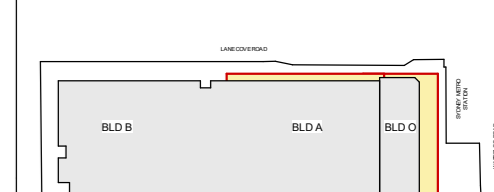


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Structural Engineer:
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Document/Action/Project Number:
221661

Key Plan:



Scale: 1:100 AT A0
Scale: 1:200 AT A2

Site: S5
Stage: NEXDC Project Number:

Project Address:
289 LANE COVE ROAD,
MACQUARIE PARK, NSW

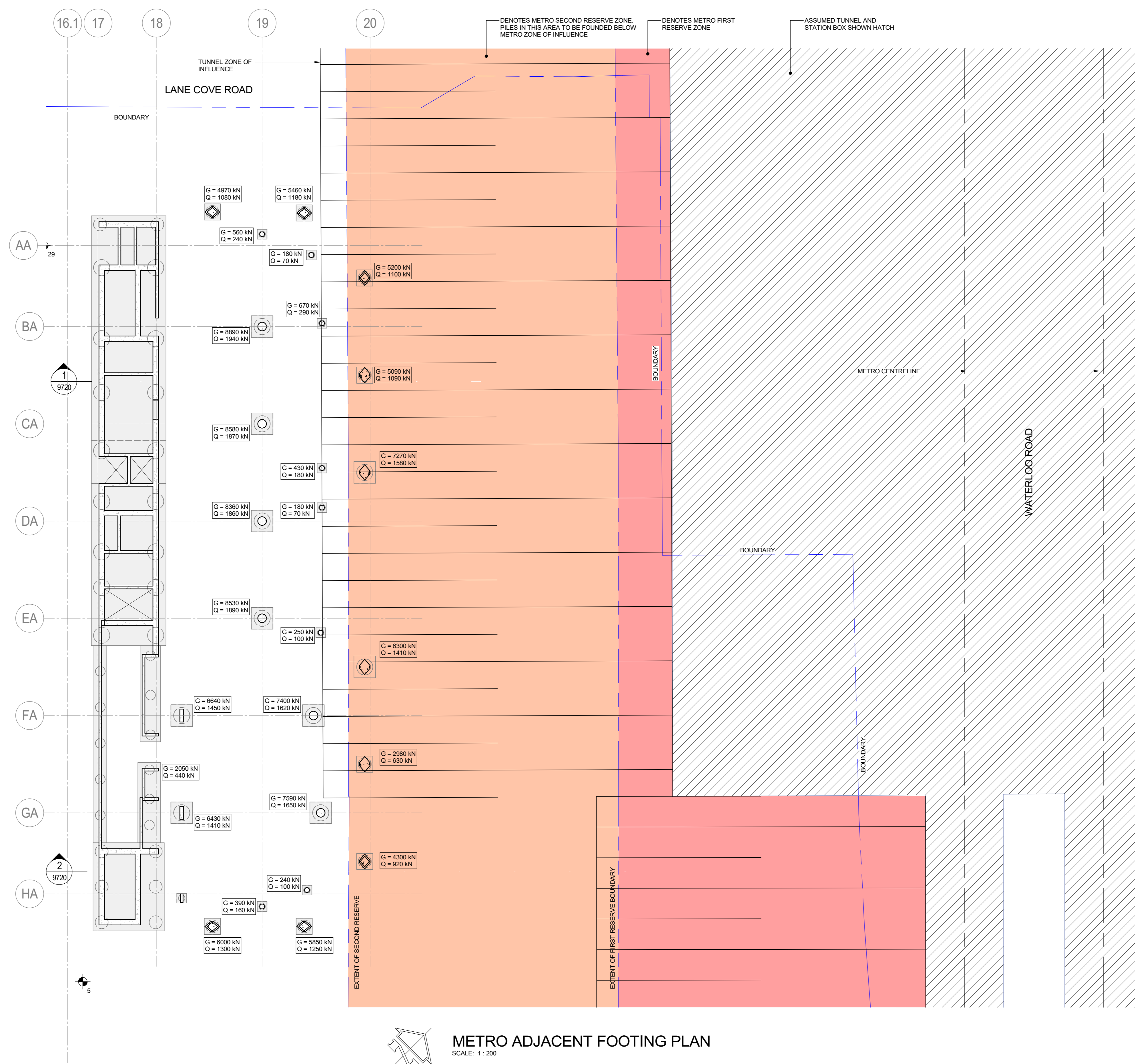
Project Name:
NEXDC S5 - SHIRAZ 5 -
BUILDING O

Drawing title:
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LOADING DIAGRAM

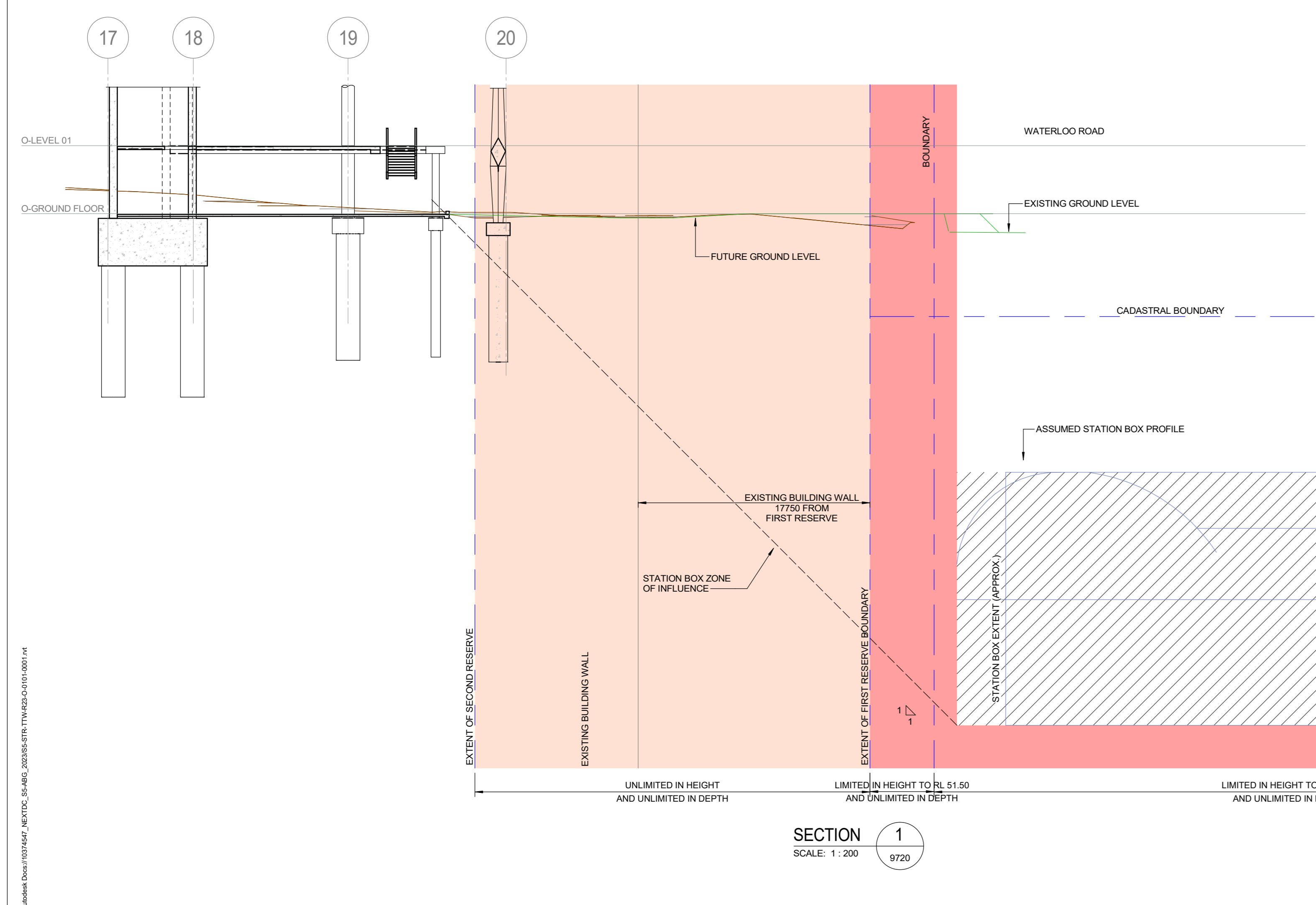
Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

NO	DATE	REVISION	ISSUE	BY	CHECKED
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15.07.24	SMS				
15.07.24	MPH				

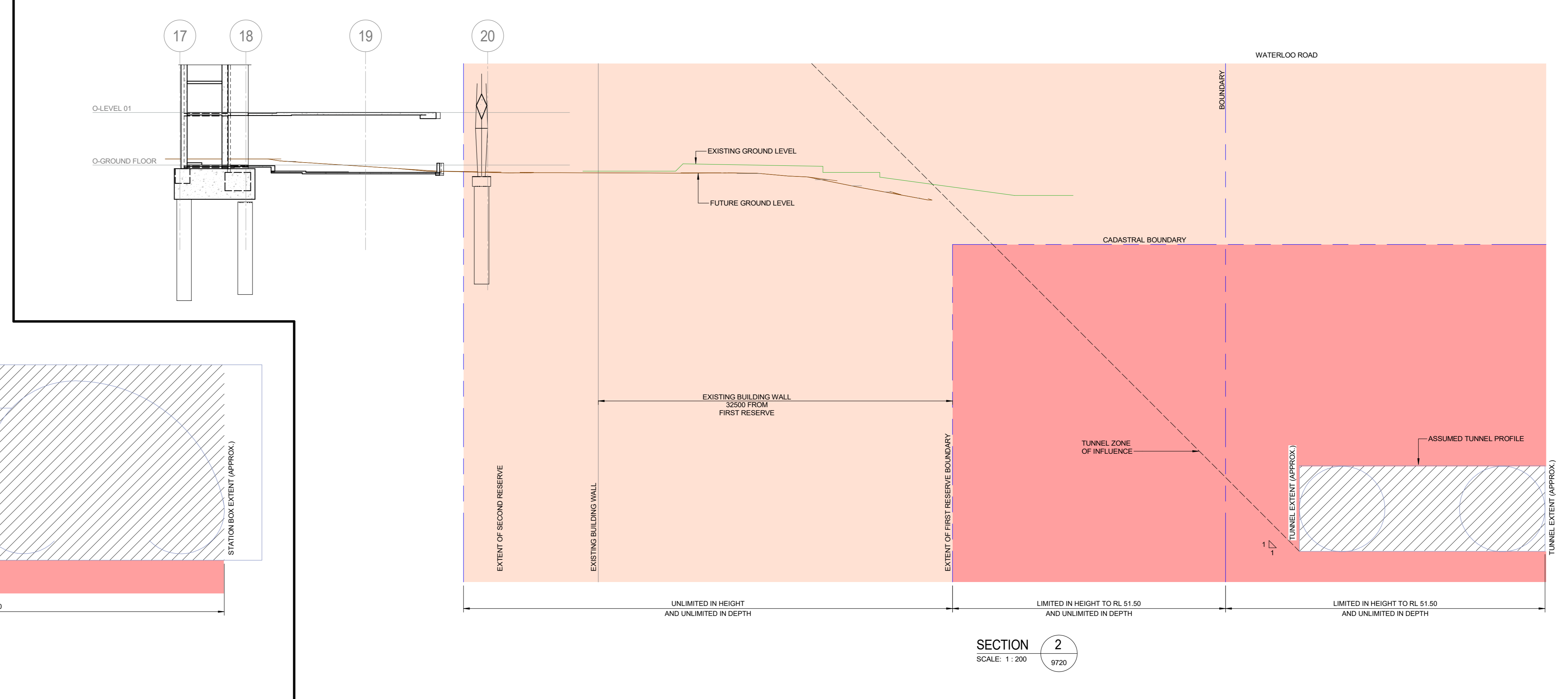
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Sheet: AD
File Name:
Drawing Number: P5



METRO ADJACENT FOOTING PLAN
SCALE: 1:200



SECTION 1
SCALE: 1:200
9720



SECTION 2
SCALE: 1:200
9720

NO	DATE	REVISION	ISSUE	BY	CHECKED			
15.09.24	P4	REVISED	SS04 ISSUE	EGS	SMS			
11.07.24	P4	REVISED	LO000 ISSUE	RJW	JAC			
11.06.24	P2	REVISED	SS04 ISSUE	EGS	SMS			
21.10.24	P2	DRAFT	TENDER ISSUE	MPH	JAC			
15.07.24	P1	DRAFT	TENDER ISSUE	MPH	JAC			
		DATE	NO	REVISION	HISTORY	DRW	CHK	QA

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Structural:

HR
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Principal Contractor:
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www.ttwengineers.com

Document/Action/Project Number:
221661

Key Plan:
Scale:
0 1 2 3 4 5 m
SCALE 1:100 AT A0
SCALE 1:200 AT A2

Site: S5
Project Address:
289 LANE COVE ROAD,
MACQUARIE PARK, NSW

Project Name:
NEXTDC S5 - SHIRAZ 5 - BUILDING O
Drawing title:
METRO ADJACENT FOOTING LOADING DIAGRAM

Drawing Status:
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

NO	DATE	REVISION	ISSUE	BY	CHECKED			
15.07.24	EGS	DATE	NO	REVISION	HISTORY	DRW	CHK	QA

Scale: 1:200
Drawing Number: SS-STR-TTW-DRG-O-0101-9720
Rev: P5