



ACOR Consultants (Qld) Pty Ltd  
 ABN 18 126 011 087  
 BRISBANE OFFICE  
 Level 4, 43 Peel Street  
 South Brisbane QLD 4101  
 Telephone: T +61 7 3844 5900  
 www.acor.com.au

**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 19/01/23		Start Time: 3:00pm
Inspection by: Richard Smith		Finish Time: 3:45 PM.
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-o 30	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BUILDING 3 REAR STAIR / RAMP FOOTINGS		
Drawing Reference: KPS 5.3-02.00		

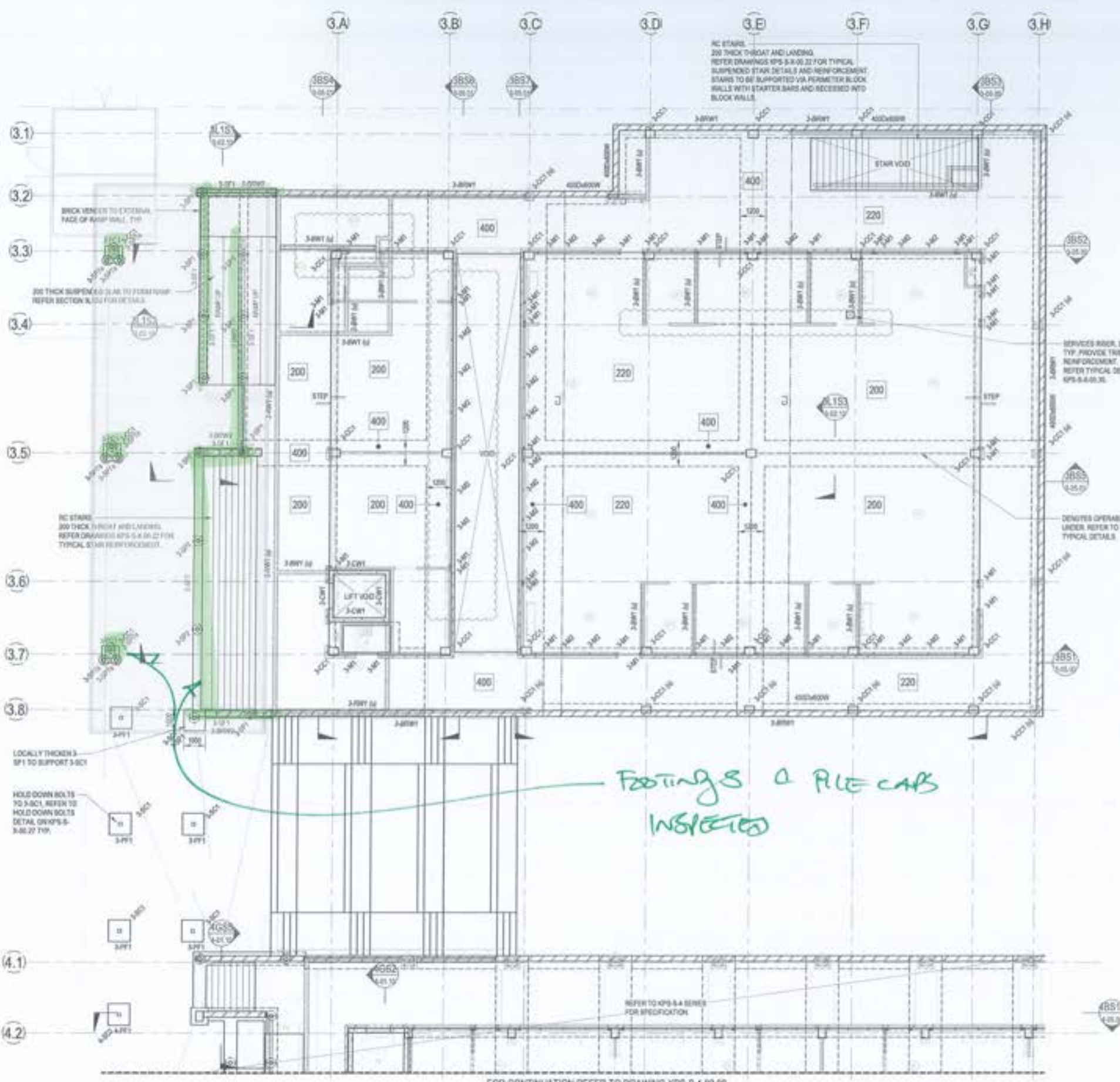
Ingenieered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments: **EXTENT REFER MARK-UP.**

- |     |  |
|-----|--|
| 1.  | * RE-SIZE 3 PCI CAGE TO INCLUDE ALL            |
| 2.  | SCREW PIERS REFER MARK UP DETAIL               |
| 3.  | * FOOTING TO RETAINING WALL - 1/N120 (8 TOTAL) |
| 4.  | PER FOOTING BAR - CHANGSET WITH 150            |
| 5.  | EMBEDMENT (RED SOL MIN)                        |
| 6.  | * ENSURE CORRECT CORNER                        |
| 7.  | * PLACE STARTER BARS IN CORRECT                |
| 8.  | LOCATION ON FOOTING CAGE AND                   |
| 9.  | POSSIBLY MOVE FOOTING TO SUIT                  |
| 10. | RAMP WALL LOCATION.                            |
| 11. |  |

**SEND PICTURES PRIOR TO POUR**

Inspecting Engineer Signature:

Site Manager Signature:



### BUILDING 3 - STEEL COLUMN SCHEDULE

MARK	SIZE	COMMENTS
MALLON		
3-4T	300x300	
3-4E	300x300	
STEEL COLUMN		
3-3C1	100x100x10	

### BUILDING 3 - LEVEL 1 FRAMING SCHEDULE

MARK	SIZE	COMMENTS
CANOPY BRACING		
3-CB1	270x90x8	
CANOPY PURLIN		
3-CP1	270x18x7	EMPLY SUPPORTED, 1 ROW OF BRACING, PROVIDE PURLIN AT BE CTS FOR FIRST 3 ROWS FROM EDGE.
CANOPY RAFTER		
3-CR1	300x300	
CANOPY STRUT		
3-CS1	300x300	

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The drawing has been designed in accordance with the design has been checked and approved by:

NO.	DESCRIPTION	DATE	STATUS	APPROVED
1	300x300 SLAB	20/08/2021	CR	MP
2	TRUCK WHEEL	20/08/2021	CR	MP
3	TYPICAL BEAM	20/08/2021	CR	MP
4	CONSTRUCTION JOINT	20/08/2021	CR	MP
5	REINFORCED CONCRETE	20/08/2021	CR	MP
6	REINFORCED CONCRETE	20/08/2021	CR	MP
7	REINFORCED CONCRETE	20/08/2021	CR	MP
8	REINFORCED CONCRETE	20/08/2021	CR	MP
9	REINFORCED CONCRETE	20/08/2021	CR	MP

- ### LEGEND
- 200 300 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLAN.
  - 220 220 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLAN.
  - 400 400 THICK SUSPENDED BEAM. REFER REINFORCEMENT PLAN.
  - DELETED SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR R/L.
  - CJ DENOTES CONSTRUCTION JOINT. REFER TO KPS-S-4-02.02 FOR DETAIL.

- ### NOTES
- REFER TO DRAWINGS KPS-S-3-01.01, KPS-S-3-01.02 AND KPS-S-3-01.03 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-4-02.02 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT, SECONDARY STEEL, NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETTINGS & WATERPROOFING ARE TO ARCHITECTS DETAILS UNLESS NOTED OTHERWISE.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETTINGS ARE TO 150mm MAXIMUM.
  - NON STRUCTURAL RAMPS AND HOLES ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAD OVER 200µ POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-3-01.01 FOR SCREW PILE SCHEDULE AND PILE CAP SCHEDULE.
  - NOTE: REFER TO KPS-S-4-01.01 FOR WALL AND CONCRETE COLUMN SCHEDULES.



**BUILDING 3 - LEVEL 1 PLAN**  
SCALE: 1:100

FOR CONTINUATION REFER TO DRAWING KPS-S-4-02.00

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 19/08/2021

**FOR CONSTRUCTION**

**RICHARD CROOKES CONSTRUCTIONS**  
NSW Education School Infrastructure

**BIM**  
3D/4D/5D  
10 BRIDGE STREET  
TERRACE VALLEY  
NSW 2203

**KINGSLIFF PUBLIC SCHOOL**  
12 ORIENT STREET, KINGSLIFF, NSW 2487

**ACOR CONSULTANTS (QLD) PTY LTD**  
Level 4, 43 Peel Street  
South Brisbane QLD 4101  
T +61 7 3844 5900

CONSULTANTS

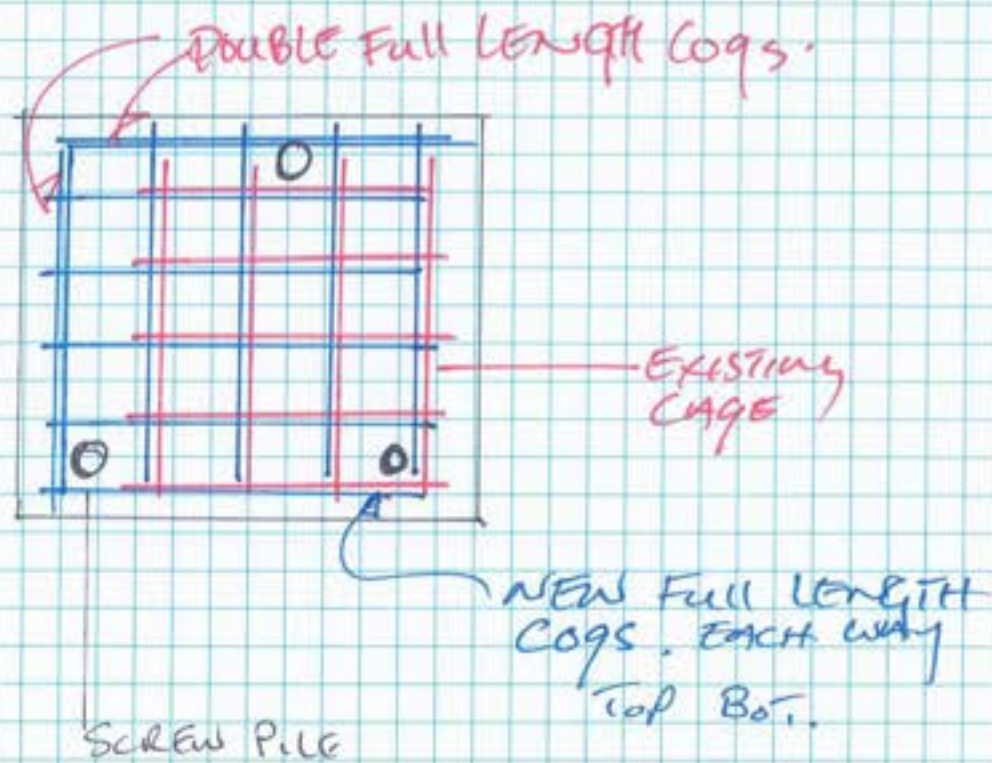
ENGINEERING MANAGERS INFRASTRUCTURE PLANNING DEVELOPMENT CONSULTANTS

Drawn	Date	Scale	By	C.A. Check	Date
RT	AUG 2021	1:100	CR		29/06/2021

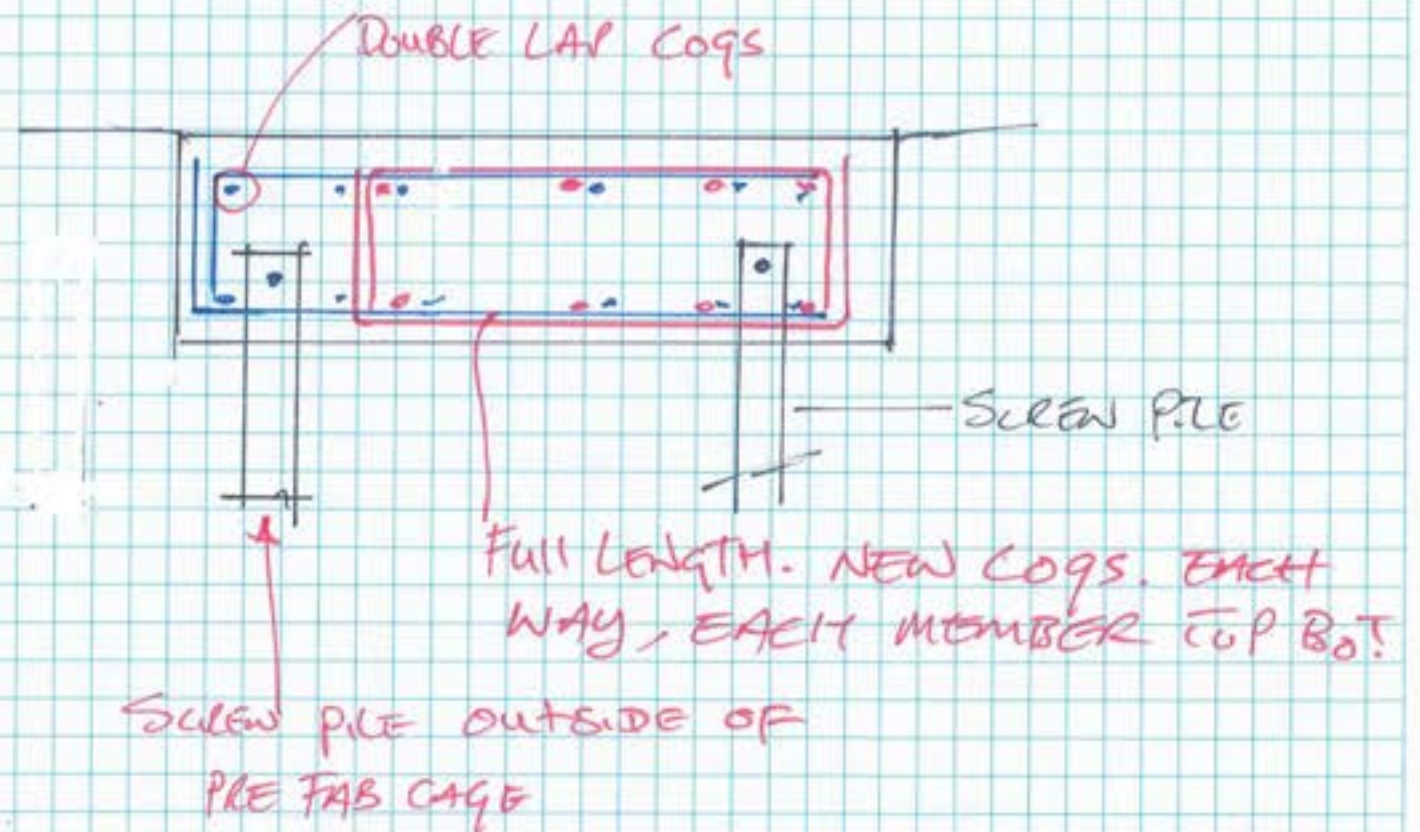
Project	Drawn By	Checked By	Scale	Sheet
BR200435	KPS-S-3-02.00		1:100	5



ENLARGE PILE CAP REINFORCEMENT. to suit.



PILE CAP PLAN



SECTION





ACOR Consultants (Qld) Pty Ltd  
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 South Brisbane QLD 4101  
 Telephone: T +61 7 3844 5900  
 www.acor.com.au

**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 10/2/23		Start Time: 8:30am
Inspection by: Richard Smith		Finish Time: 8:50am
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS- 035	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: Building 3/4 - Blockwork Inspections.		
Drawing Reference: KPS-5-4-100/KPS-5-3-100		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

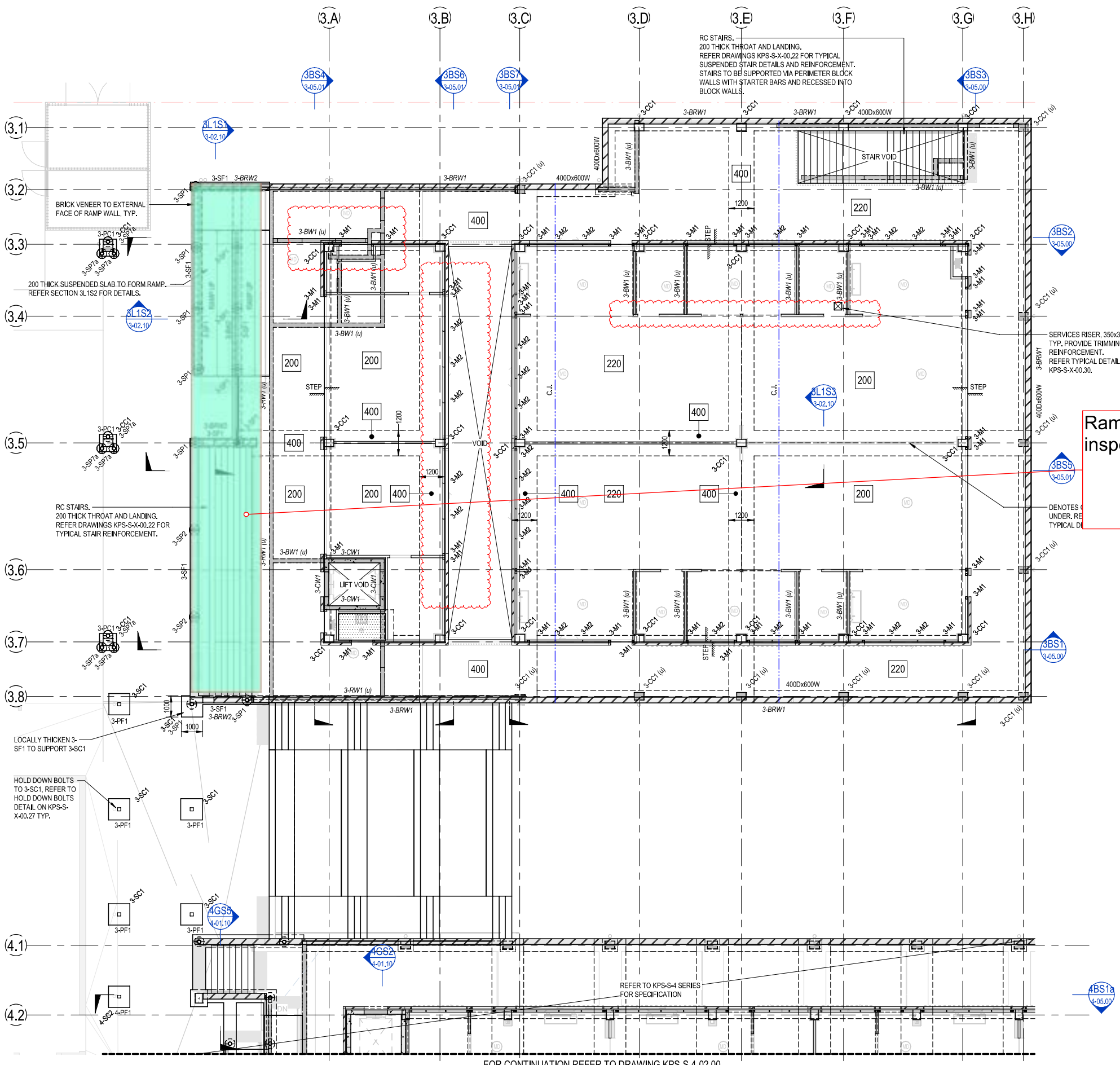
*EXTENT REFER MARK-UP.*

1.
2. * ADD REMAINING VERTICAL BARS
3. FOR RAMP.
4.
5. All good ok to pour
6.
7.
8.
9.
10.
11.

Inspecting Engineer Signature:

Site Manager Signature:





**BUILDING 3 - LEVEL 1 PLAN**  
SCALE: 1:100

BUILDING 3 - STEEL COLUMN SCHEDULE		
MARK	SIZE	COMMENTS
MULLION		
3-M1	89x89x6.0SHS	
3-M2	75PFC	
STEEL COLUMN		
3-SC1	150x150x6.0SHS	

BUILDING 3 - LEVEL 1 FRAMING SCHEDULE		
MARK	SIZE	COMMENTS
CANOPY BRACING		
3-CBR1	Ø16mm BAR	
CANOPY PURLIN		
3-CP1	C15019 AT 900 CTS	SIMPLY SUPPORTED, 1 ROW OF BRIDGING, PROVIDE PURLINS AT 600 CTS FOR FIRST 3 ROWS FROM EDGE.
CANOPY RAFTER		
3-CR1	200PFC	
CANOPY STRUT		
3-CS1	200PFC	

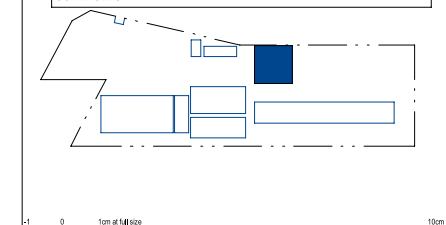
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This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: -

Issue	Description	Date	Drawn	Approved
A	50% DD ISSUE	02/03/2021	RT	JN
B	70% DD ISSUE	23/04/2021	RT	MP
C	100% DD ISSUE	04/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/08/2021	RT	MP
5	REVISED CONSTRUCTION	23/11/2021	NF	BR

- LEGEND**
- 200 200 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 220 220 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 400 400 THICK SUSPENDED BEAM. REFER REINFORCEMENT PLANS.
  - Denotes slab step. REFER TO ARCHITECTS DRAWINGS FOR RL'S.
  - CJ DENOTES CONSTRUCTION JOINT. REFER TO KPS-S-X-0029 FOR DETAIL.

- NOTES:**
- REFER TO DRAWINGS KPS-S-X-0010, KPS-S-X-0011 AND KPS-S-X-0012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-X-0027 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT, SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.N.O.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAXIMUM.
  - NON STRUCTURAL RAMPS AND HOBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200µ POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-3-01.01 FOR SCREW PILE SCHEDULE AND PILE CAP SCHEDULE.



Client

**RICHARD CROOKES CONSTRUCTIONS**

NSW Education School Infrastructure

Architect

**BIM**

BRISBANE  
4/100 HOVEY STREET  
TERRACEVILLE QLD 4101  
WWW.BIMCONSULTANTS.COM.AU

Project  
**KINGSCLIFF PUBLIC SCHOOL**

12 ORIENT STREET, KINGSCLIFF, NSW 2487

**ACOR Consultants (QLD) Pty Ltd**  
Level 4, 43 Peel Street  
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T +61 7 3844 5900

ENGINEERS|MANAGERS|INFRASTRUCTURE PLANNERS|DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 3 - LEVEL 1 PLAN**

Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:100		CR	29.06.2021

Designed	Project No.	Dwg No.	Issue
MP	BR200435	KPS-S-3-02.00	5

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 17/06/2021

**FOR CONSTRUCTION**







SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 21/2/23		Start Time: 3:00pm	
Inspection by: Richard Smith		Finish Time: 3:30pm	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS-o 37	No. Pages:	Site Manager Name: BRAD	
Works Inspected: LIFT LID BLD. 3 / CONCRETE WALL BLD 4 - STAIRS 1			
Drawing Reference: KPS-3-3-0300 / KPS-5-40-100.			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENTS REFER MARK-UP

1.
2. *ENSURE CORRECT COVER TO WALL
3. FORM WORK.
4.
5. ALL SATISFACTORY OK TO POUR
6.
7.
8.
9.
10.
11.

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_











**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 20/3/23		Start Time: 1:00pm
Inspection by: Richard Smith		Finish Time: 1:55pm
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-041	No. Pages:	Site Manager Name:
Works Inspected: BUILDING 4 - POUL 2. SUSPENDED SLAB / BUILDING 3 RAMP / STEPS		
Drawing Reference: KPS-S-3-0200 / KPS-S-4-0202		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

SUSPENDED SLAB EXTENT - REFER MARK-UP.

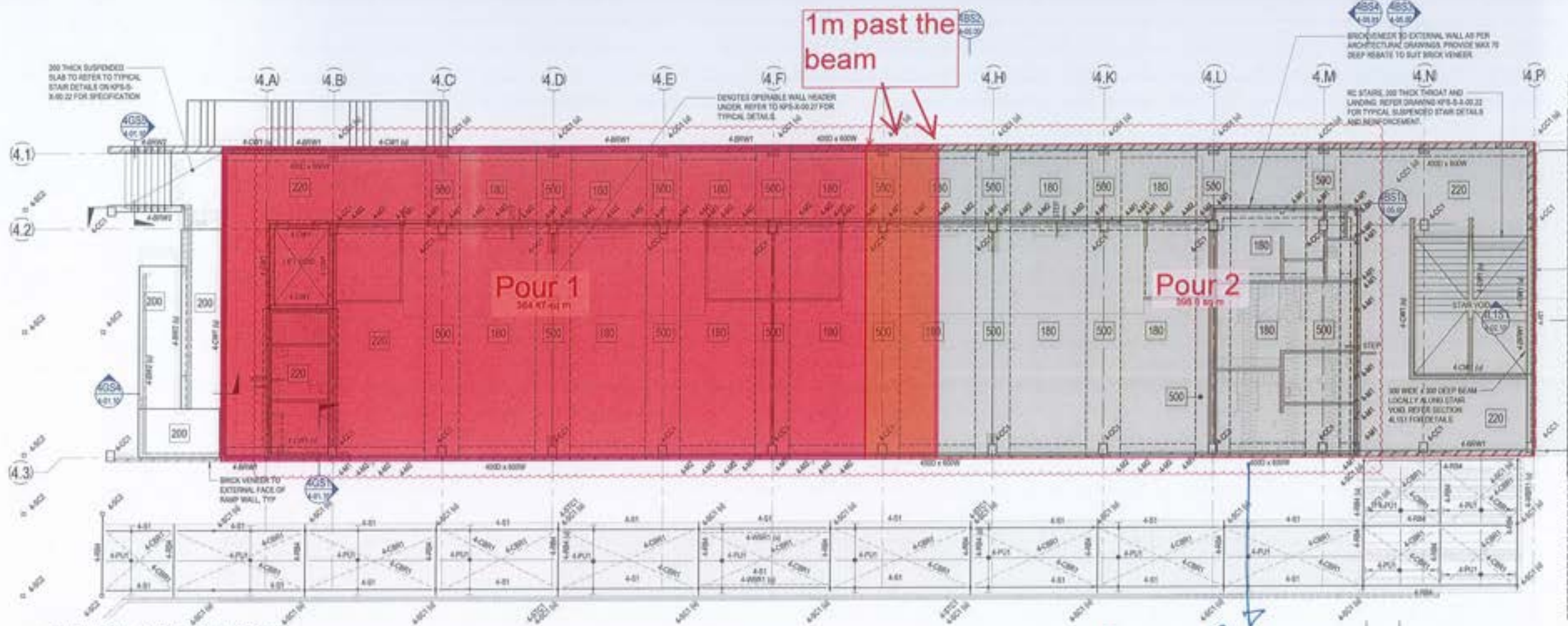
1.
2. * COVER INCORRECT IN SOME BEAMS
3. AND SLAB RECKS TO EXTERIOR,
4. -
5.
6. OK TO POUL WHEN ABOVE COMPLETE &
7. RECTIFIED.
8.
9.
10.
11.

Inspecting Engineer Signature: 

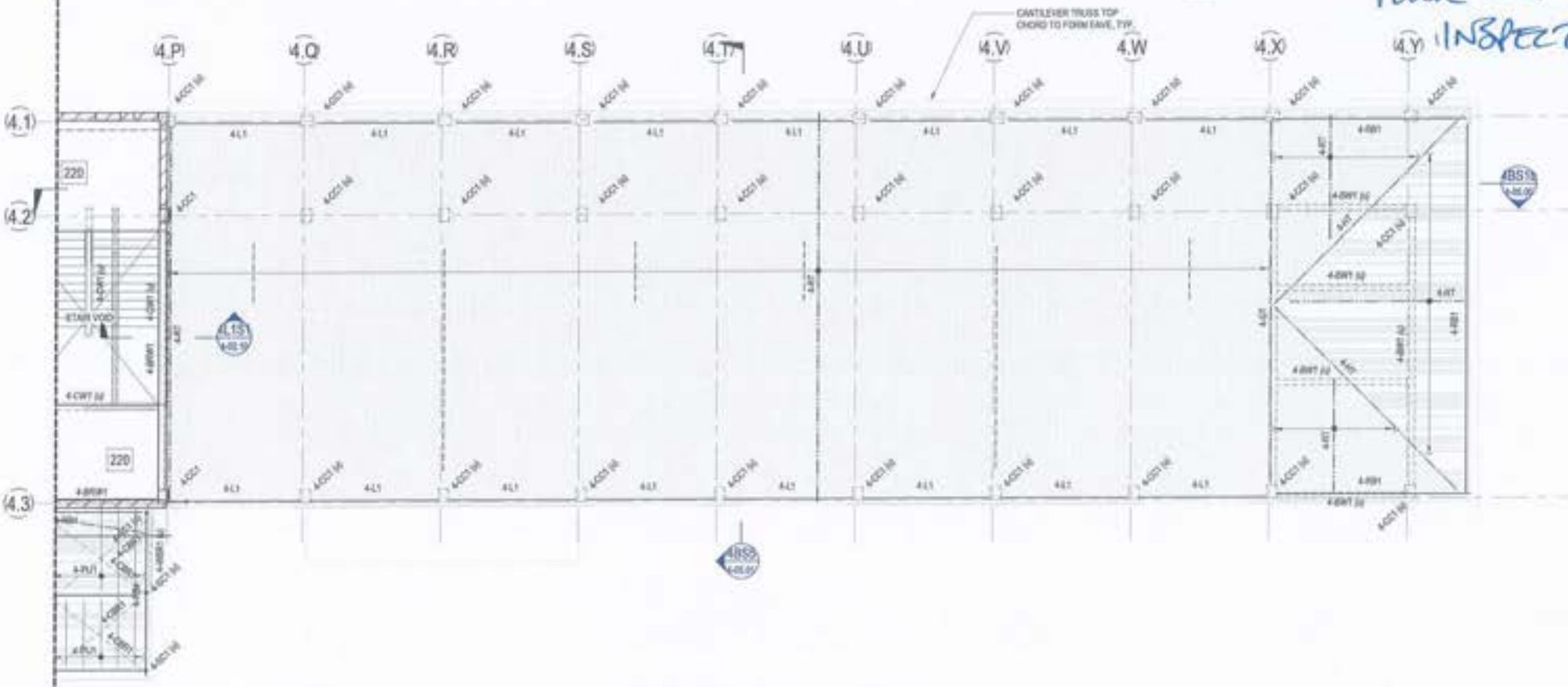
Site Manager Signature: \_\_\_\_\_



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**BUILDING 4 - LEVEL 1 PLAN PART A**  
SCALE: 1:100



**BUILDING 4 - LEVEL 1 PLAN PART B**  
SCALE: 1:100

The drawing has been designed or modified since the drawing has been checked and approved by:

Date	Description	By	For	Approved
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR
20/08/2021	ISSUE FOR PERMIT	ACOR	ACOR	ACOR

- LEGEND**
- 180 180 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 220 220 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 300 300 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR ALL.
  - DENOTES CONSTRUCTION JOINT. REFER DETAIL ON KPS-S-4-02-02.
  - DENOTES WET AREA SETDOWN. REFER TO ARCHITECTS DRAWINGS FOR ALL.
- NOTES**
- REFER TO DRAWINGS KPS-S-4-02-01, KPS-S-4-02-01 AND KPS-S-4-02-02 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWINGS KPS-S-4-02-07 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SECTION, SECONDARY STEEL, NOT SHOWN ON STRUCTURAL PLANS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS, FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS & N.D.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50MM S.G.
  - NON STRUCTURAL DAMPS AND HOLES ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAD OVER 200µ POLYTHENE MEMBRANE OVER 50MM SETDOWN SAND.

NOTE: REFER TO KPS-S-4-02-02 FOR ROOF FRAMING AND COLUMN SCHEDULES.

- DESIGN AND CONSTRUCT FRAMING NOTES:**
- REFER TO DRAWINGS KPS-S-4-02-10, KPS-S-4-02-11 AND KPS-S-4-02-12 FOR ALL STRUCTURAL GENERAL NOTES.
  - ALL WALL FRAMING, ROOF TRUSSES / CHORDS, ROOF BRACINGS, ROOF BATTENS, CEILING BATTENS, SAVERS, FASCIAS AND ROOF FRAMING CONNECTIONS TO BE PROVIDED BY THE DESIGN AND CONSTRUCT FRAMING CONTRACTOR INCLUDING CONNECTIONS AND TIE DOWN TO STRUCTURE.
  - TRUSSES TO BE DESIGNED TO ALLOW FOR SERVICES RETICULATION THROUGH THE CHORDS.
  - D&C TRUSS CONTRACTOR TO PROVIDE ROOF DIAPHRAGM BRACING BETWEEN WALL BRACING, CONCRETE COLUMNS, AND / OR BLOCKWORK WALLS BASED ON ROOF PLAN, CONCRETE COLUMNS AND FULL HEIGHT BLOCKWORK WALLS HAVE BEEN DESIGNED TO PROVIDE LATERAL STABILITY OF THE ROOF AND WALL FRAMING.
  - REDISTRIBUTION OF BRACING WALLS / BRACING WALL LOADS ARE NOT ALLOWED WITHOUT WRITTEN APPROVAL FROM ACOR CONSULTANTS.
  - FRAMING CONTRACTOR TO PROVIDE DESIGN DRAWINGS TO ACOR FOR COMMENT PRIOR TO FABRICATION OF TRUSSES AND CONSTRUCTION OF BLOCK WALL.
  - TRUSS D&C CONTRACTOR TO ENGAGE RPEI ENGINEER AT THEIR OWN EXPENSE TO PROVIDE RPEI CERTIFIED FORM 18 AND FORM 16 FOR ALL TRIMS NOTED ABOVE.
- FIRE RATING NOTES:**
- ALL STRUCTURAL STEELWORK MUST MEET FIRE RATING REQUIREMENTS PER BUILDING CERTIFIER. REFER ARCH. FOR SPECIFICATION.
- TRUSS NOTES:**
- EVERY 2ND TRUSS TO STEEL BEAM SHALL HAVE FULL DEPTH CLEAT PLATES TO STEEL BEAM TO RESTRAIN BOTH FLANGES.

**RICHARD CROOKES CONSTRUCTIONS**

NSW Education School Infrastructure

BRISBANE 375 ROY ROAD 18 BROOKES STREET FORTITUDE VALLEY QLD 4008

**BIM**

**KINGSLIFF PUBLIC SCHOOL**

12 ORENT STREET, KINGSLIFF, NSW 2867

**ACOR CONSULTANTS (QLD) PTY LTD**

Level 4, 43 Peel Street South Brisbane QLD 4101 T +61 7 3844 5900

CONSULTANTS

Structural Building 4 - Level 1 Plan

Issue	Date	Scale	By	Check	Date
RT	AUG 2021	1:100	ACOR	CR	29.06.2021
MP	BR200435		KPS-S-4-02.00		7

FOR CONSTRUCTION



**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 3/5/23		Start Time: 9:30 am
Inspection by: Richard Smith		Finish Time: 10:30 am
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-018	No. Pages:	Site Manager Name: BEN PERBUE
Works Inspected:		
Drawing Reference: Building 3/4 KPS-S-X 00.11		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENT - AROUND DOOR OPENINGS

1.	: EXPOSED BLOCK WALLS AND
2.	VARIOUS AVAILABLE TOP VIEW
3.	CAVITIES.
4.	* DIFFICULT TO VIEW MUCH.
5.	* BUILDER CONFIRMED B/TIE SPACING GOOD
6.	600 H. (ACOR NOTES INDICATE 4/5 COURSE VER)
7.	* CONFIRMATION OF STAINLESS STEEL TIES
8.	* GAN SCREWS WED ON TIES TO NAIL WHEN NOT
9.	IN MORTAR.
10.	ACOR TO ADVISE ON SPACING.
11.	

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_

### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 19/6/23		Start Time: 11 am	
Inspection by: Richard Smith		Finish Time: 11.15 am	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS-050	No. Pages:	Site Manager Name: BRAD	
Works Inspected: BUILDING 3 BAN ENCLOSURE			
Drawing Reference: KPS-S-30100			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

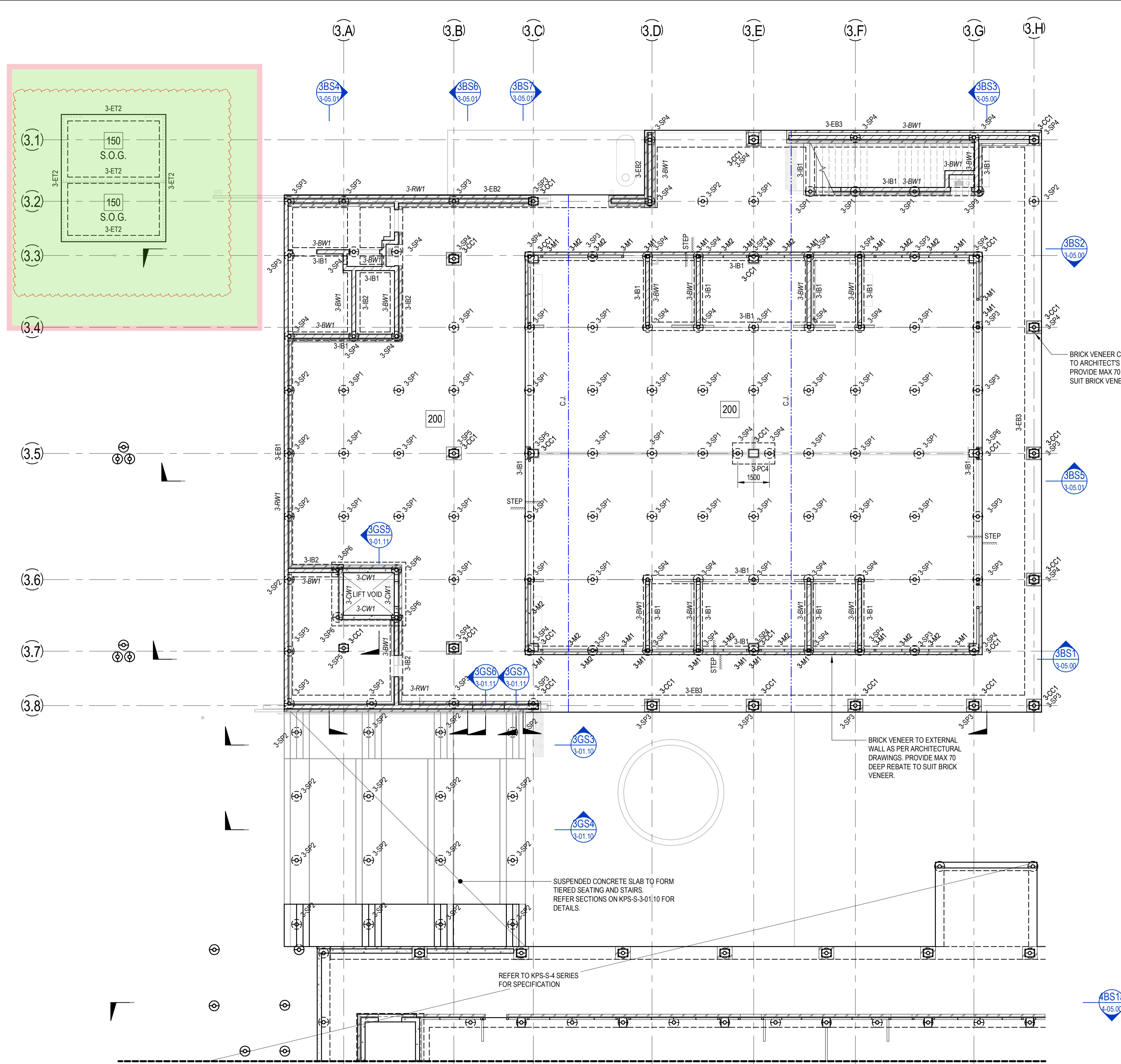
EVENT REFER ATTACHED PLAN.

1.	ENSURE COLLECT COVER.
2.	ALL GOOD OK TO POUR.
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_





**BUILDING 3 - GROUND FLOOR NOTES:**  
 200 THICK SUSPENDED GROUND LEVEL SLAB  
 CONSTRUCT SUSPENDED GROUND LEVEL SLAB ON 0.2mm POLYTHENE DAMP PROOF MEMBRANE OVER 50mm NOMINAL SAND BLINDING OVER UNPREPARED SUBGRADE. SLAB AND BEAMS ARE DESIGNED AS SUSPENDED. FILL MATERIAL IS TO BE FREE OF CONTAMINANTS AND ORGANIC MATTER AND IS TO BE APPROVED BY THE SUPERINTENDENT. NO SAWCUT JOINTS ARE REQUIRED OR PERMITTED IN SUSPENDED SLAB SUPPORTED ON SCREW PILES.

**SUSPENDED GROUND LEVEL SLAB - INDICATIVE CONSTRUCTION SEQUENCE:**  
 1. STRIP SITE TO BULK EXCAVATION LEVEL AS PER CIVIL DRAWINGS.  
 2. EXCAVATE GROUND BEAMS TO REQUIRED DEPTHS.  
 3. INSTALL SCREW PILES TO RATED CAPACITIES AS SCHEDULED.  
 4. CONSTRUCT SUSPENDED FOOTINGS AND SUSPENDED SLAB.

**UNCONTROLLED FILL:**  
 UNCONTROLLED FILL MATERIAL ACTING AS LOST FORMWORK IS REQUIRED TO SUPPORT WET WEIGHT OF CONCRETE. INSTALLATION OF UNDERGROUND SERVICES TO ACCOUNT FOR LEVEL OF COMPACTION OF UNCONTROLLED FILL MATERIAL. ALTERNATIVELY, SUSPENDED BELOW GROUND PIPE WORK FROM UNDERSIDE OF STRUCTURAL SLAB AS REQUIRED.

**FOOTINGS:**  
 STRIP FOOTINGS, EDGE AND INTERNAL BEAMS HAVE BEEN DESIGNED AS SUSPENDED OVER UNPREPARED SUBGRADE SUPPORTED ON SCREW PILES INSTALLED TO RATED CAPACITIES AS SCHEDULED. CONTRACTOR TO MAKE AN APPROPRIATE ALLOWANCE FOR OVER-EXCAVATION TO SUIT DEPTH OF EXCAVATION.

**SCREW PILE 'SP' NOTES:**  
 SCREW PILES TO BE DESIGNED, CERTIFIED AND INSTALLED BY A SPECIALIST SUBCONTRACTOR, IN ACCORDANCE WITH AUSTRALIAN STANDARDS. FOUNDING DEPTH OF SCREW PILES INTO NATURALLY OCCURRING STIFF CLAY MATERIAL AS PER THE GEOTECHNICAL REPORT SHALL BE CONFIRMED ON SITE IN ACCORDANCE WITH PILE TESTING. PILES ARE NOT TO BE FOUND IN FILL MATERIAL. THE ULTIMATE CAPACITY OF PILES SHALL BE CONFIRMED WITH IN-SITU PILE TESTING IN ACCORDANCE WITH AS 2159-2009. TEST PILES SHALL BE IDENTIFIED DURING PILING TO CONFIRM LOAD CAPACITY. PILE COMPUTATIONS AND SITE LOGS SPECIFYING PILE SIZE, INSTALLATION TORQUE AND INSTALLATION DEPTH SHALL BE PROVIDED TO THE SUPERINTENDENT. A COPY OF THE PILE TEST RESULTS SHALL ALSO BE PROVIDED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO PLACING CONCRETE. SCREW PILES TO BE CENTRAL IN FOOTING/BEAM WHERE NOT DIMENSIONED OR ON GRID. CONTRACTOR TO PROVIDE WARRANTY FOR 75 YEAR MINIMUM DESIGN LIFE. ALLOW FOR INCREASED WALL THICKNESS AS NECESSARY. CONTRACTOR TO INCLUDE COST OF PILING IN TENDER.

**BUILDING 3 - EDGE THICKENING SCHEDULE**

MARK	SIZE	COMMENTS
3-ET2	300Dx300W	EDGE THICKENING

REFER TO DRG KPS-S-X-00.21 FOR DETAILS

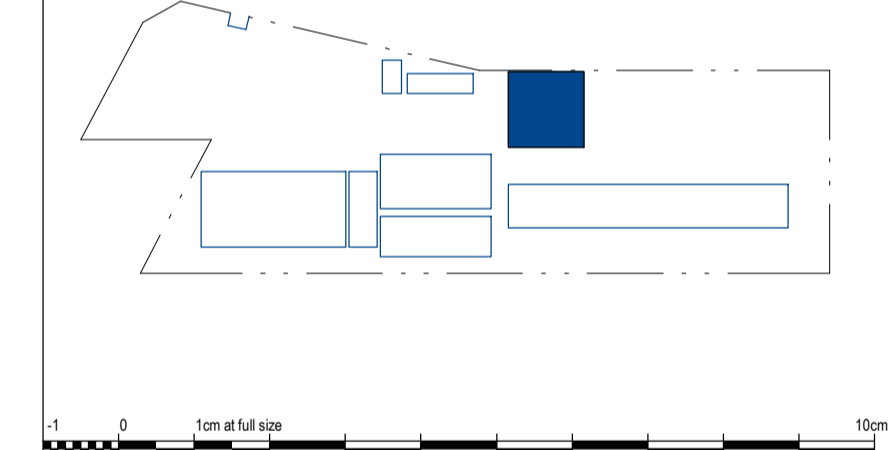
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Issue	Description	Date	Drawn	Approved
A	50% DD ISSUE	02/03/2021	RT	JN
B	70% DD ISSUE	23/04/2021	RT	MP
C	100% DD ISSUE	04/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/08/2021	RT	MP
5	REVISED CONSTRUCTION	23/11/2021	NP	BR
6	WASTE COLLECTION STRUCTURE ADDED	27/06/2022	PRS	BR

- LEGEND**
- 200** DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SL92 MESH BOTTOM. EXTEND MESH MIN 150mm INTO EDGE BEAM. SL102 MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL N12-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
  - 150** DENOTES 150 THK CONCRETE SLAB ON GROUND ON 0.2mm POLYTHENE SHEETING AND 50mm BEDDING SAND. SL92 MESH LAID TOP. 100KPa ALLOWABLE BEARING CAPACITY TO BE CONFIRMED BY A GEOTECH ENGINEER.
  - S.O.G.**
  - CJ** DENOTES CONSTRUCTION JOINT. REFER TO KPS-S-X-00.21 FOR DETAIL.
  - DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR RLs.
  - DENOTES 3N12 TRIMMER BARS TIED TO UNDERSIDE OF MESH.

- NOTES:**
- REFER TO DRAWINGS KPS-S-X-0010, KPS-S-X-0011 AND KPS-S-X-0012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-X-00.27 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO DRAWINGS KPS-S-3-04.00 FOR ELEVATIONS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.N.O.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAXIMUM.
  - NON STRUCTURAL RAMPS AND HOBBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200µ polyTHENE MEMBRANE OVER 50mm BEDDING SAND.



Client

**RICHARD CROOKES CONSTRUCTIONS**

NSW Education School Infrastructure

Architect

**BIM**

BRISBANE (07) 3257 3622  
 99 BROOKES STREET  
 FORTITUDE VALLEY  
 4006, QLD  
 www.bickertonmasters.com.au

Project

**KINGSCLIFF PUBLIC SCHOOL**

12 ORIENT STREET, KINGSCLIFF, NSW 2487

**ACOR Consultants (QLD) Pty Ltd**

Level 4, 43 Peel Street  
 South Brisbane QLD 4101  
 T +61 7 3844 5900

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 3 - GROUND FLOOR PLAN**

Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:100		CR	29.06.2021

Designed	Project No.	Dwg No.	Issue
MP	BR200435	KPS-S-3-01.00	6

FOR CONSTRUCTION

**BUILDING 3 - GROUND FLOOR PLAN**  
 SCALE: 1:100

FOR CONTINUATION REFER TO DRAWING KPS-S-4-01.00



**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 7/7/23		Start Time: 2:30 pm	
Inspection by: Richard Smith		Finish Time: 2:40 pm	
ACOR Project No: BR200435		Weather: Fine	
Inspection Report No: KPS OSI	No. Pages:	Site Manager Name: BRAD FERBEE	
Works Inspected: BUILDING 3 EXTERNAL SCAB GRIND, 30, BD-3.1, 3.2			
Drawing Reference: KPS-S-301.00			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.
2. ALL SATISFACTORY
3.
4. OK to POUR.
5.
6.
7.
8.
9.
10.
11.

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_



### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 25/7/23		Start Time: 2pm
Inspection by: Richard Smith		Finish Time: 2:30 pm.
ACOR Project No: BR200435		Weather: Fine
Inspection Report No: KPS- 052	No. Pages:	Site Manager Name: BRAD PERBKE
Works Inspected: TIERED SEATING		
Drawing Reference: KPS-S-3-01.10 Building 3.		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

#### ITEMS TO AMEND FOR ACOR.

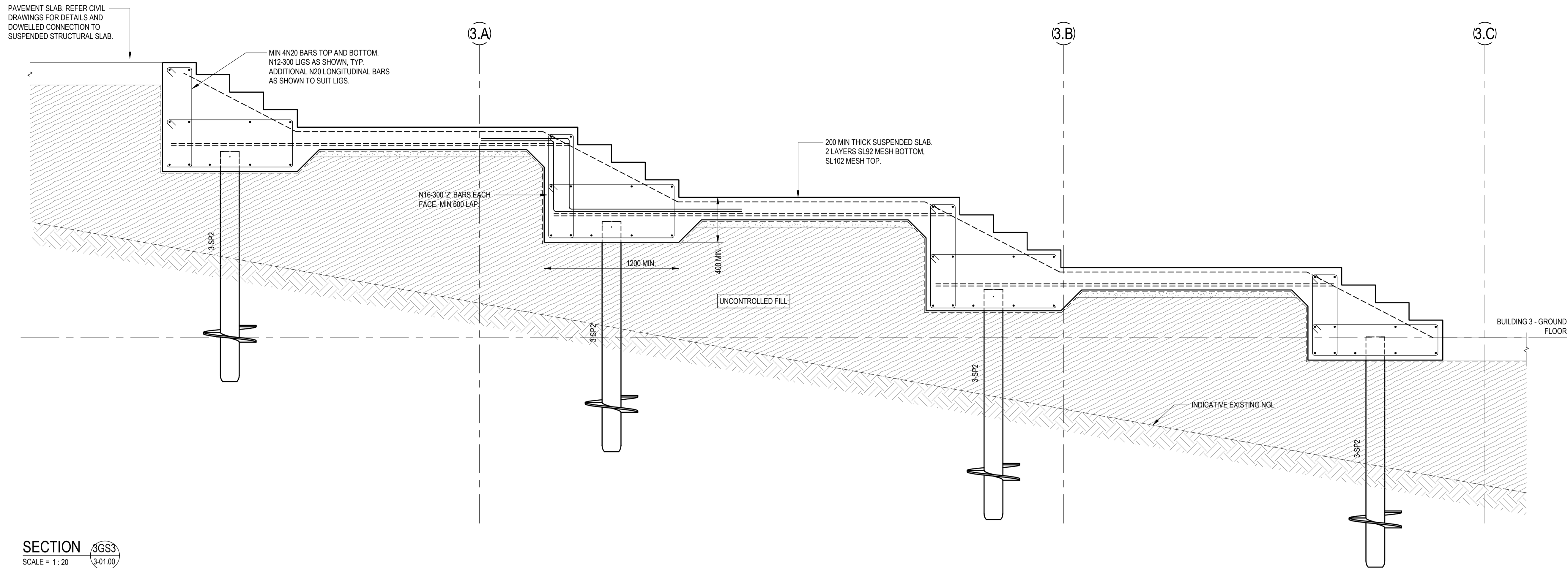
①	BOTTOM BARS IN THE BEAMS NEED TO BE
2.	CONTINUOUS - PROVIDE EXTRA BARS AND
3.	LAP WITH MAIN REQ.
②	ADD MESH TOP MESH LAYER WHERE REQ
5.	IS INSTALLED BELOW SLAB LEVEL.
③	ADD EXTRA TOP MESH AS NOTED IN
7.	THICKER SLAB BEAMS.
8.	
9.	REFER ATTACHED MARK-UP WITH REGARD
10.	TO THE ABOVE
11.	PROVIDE DETAILED PHOTO'S PRIOR TO POUR.



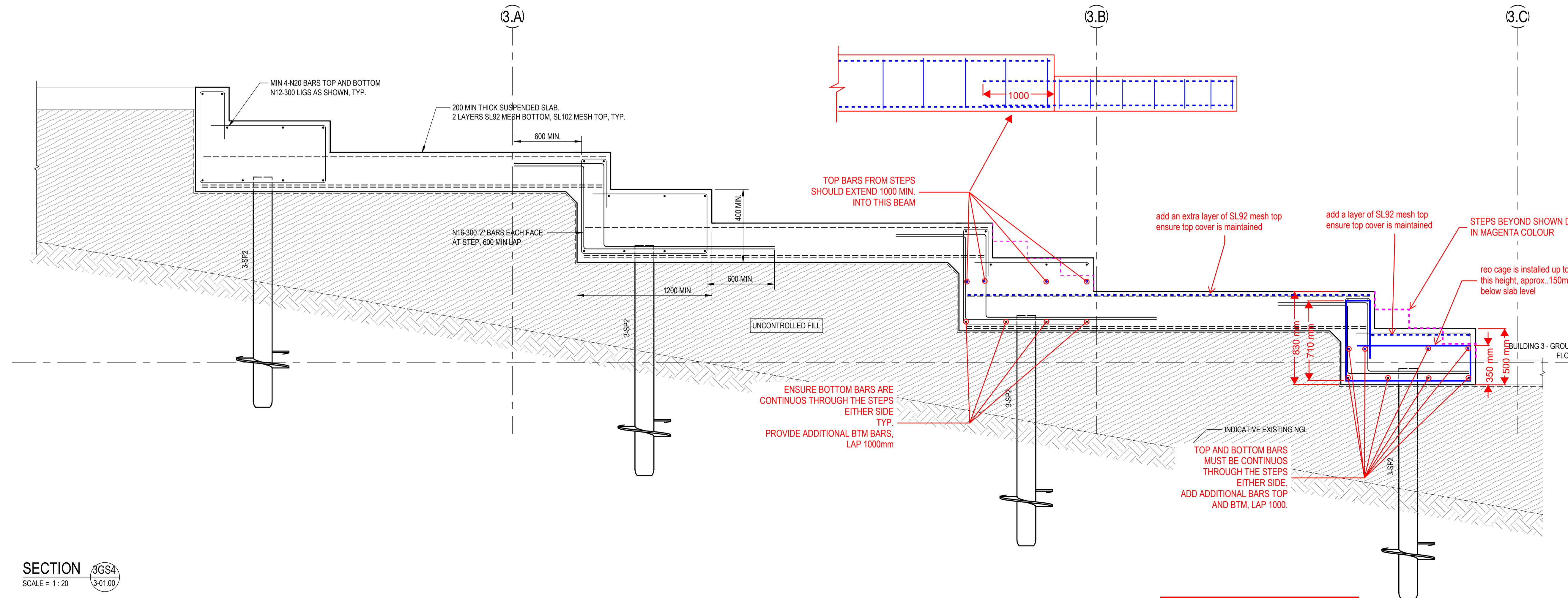
Inspecting Engineer Signature: \_\_\_\_\_

Site Manager Signature: \_\_\_\_\_





SECTION 3GS3  
SCALE = 1:20



SECTION 3GS4  
SCALE = 1:20

**TIERED SEATING MARKINGS  
PREPARED BY NB  
25.07.2023**

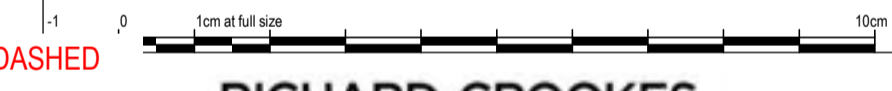
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Issue	Description	Date	Drawn	Approved
A	70% DD ISSUE	23/04/2021	RT	MP
B	100% DD ISSUE	04/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP

BUILDING 3 - GROUND FLOOR



**RICHARD CROOKES CONSTRUCTIONS**  
NSW Education School Infrastructure

Architect  
**BIM**  
BRISBANE (07) 3257 3622  
99 BROOKES STREET  
FORTITUDE VALLEY  
4006, QLD  
www.bickertonmasters.com.au

Project  
**KINGSLIFF PUBLIC SCHOOL**  
12 ORIENT STREET, KINGSLIFF, NSW 2487

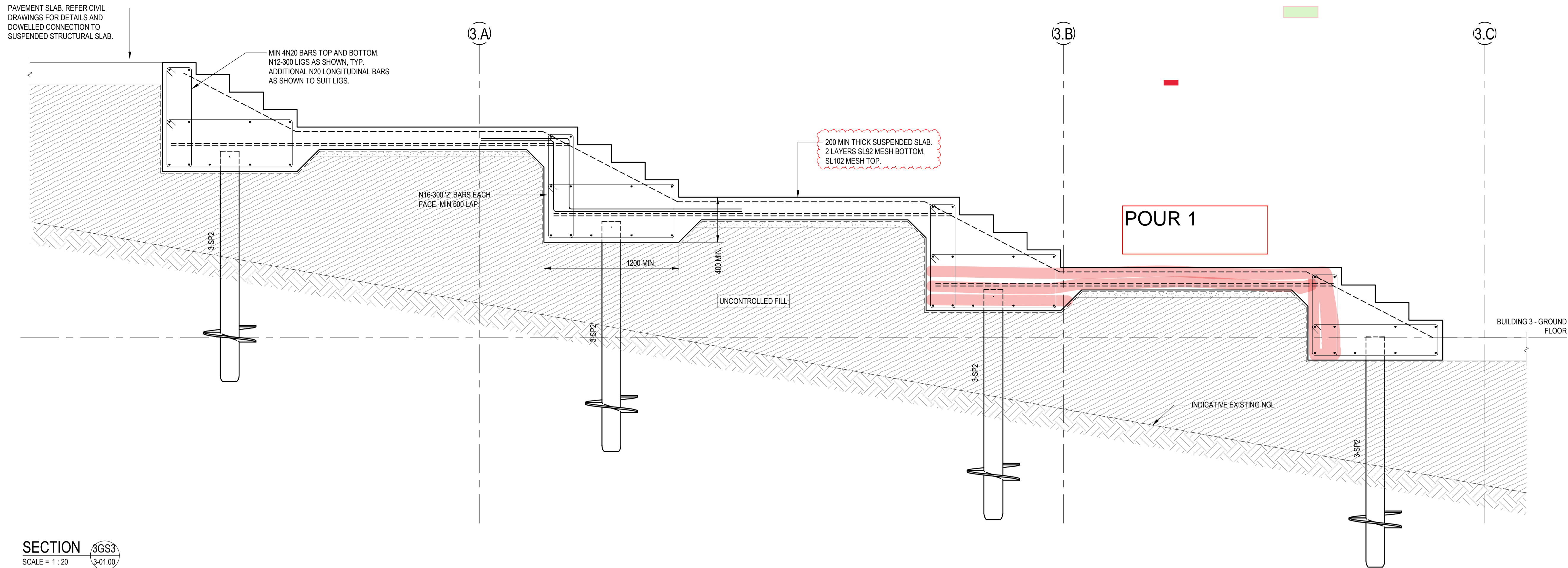
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Level 4, 43 Peel Street  
South Brisbane QLD 4101  
T +61 7 3844 5900

ENGINEERS/MANAGERS/INFRASTRUCTURE PLANNERS/DEVELOPMENT CONSULTANTS  
Drawing Title  
**STRUCTURAL BUILDING 3 - GROUND FLOOR DETAILS SHEET 1**

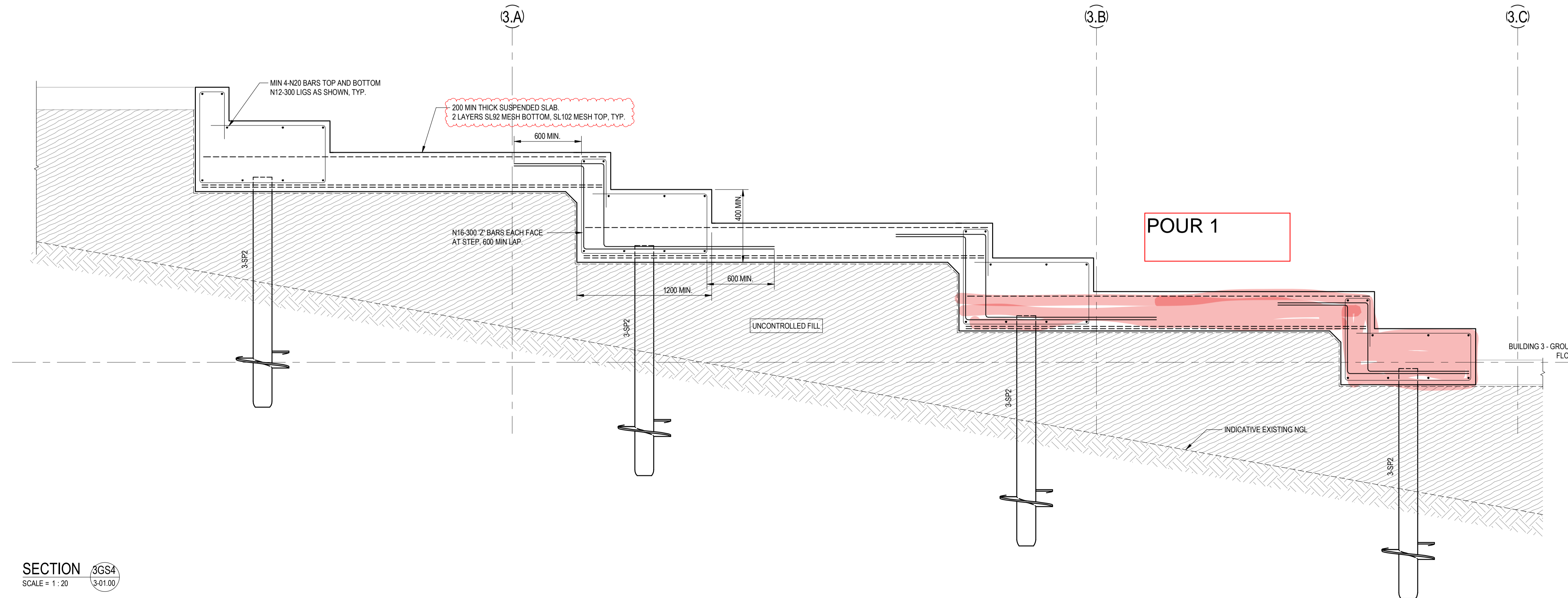
Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:20		CR	29.06.2021
Designed	Project No.	Draw No.	Issue		
MP	BR200435	KPS-S-3-01.10	3		

BIM 301 08202023 12:34:14 AM





SECTION 3GS3  
SCALE = 1 : 20



SECTION 3GS4  
SCALE = 1 : 20

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 17/06/2021

FOR CONSTRUCTION

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North

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: -

Issue	Description	Date	Drawn	Approved
A	70%DD ISSUE	23/04/2021	RT	MP
B	100%DD ISSUE	04/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP



Client

**RICHARD CROOKES CONSTRUCTIONS**

NSW Education School Infrastructure

Architect

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**BIM**

Project

**KINGSCLIFF PUBLIC SCHOOL**

12 ORIENT STREET, KINGSCLIFF, NSW 2487

**ACOR Consultants (QLD) Pty Ltd**

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South Brisbane QLD 4101  
T +61 7 3844 5900

ENGINEERS|MANAGERS|INFRASTRUCTURE PLANNERS|DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 3 - GROUND FLOOR DETAILS SHEET 1**

Drawn	Date	Scale	A1	O.A. Check	Date
RT	JULY 2021	1 : 20		CR	29.06.2021
Designed	Project No.	Draw No.		Issue	
MP	BR200435	KPS-S-3-01.10		3	

BIM: 20210624 15:43:36 AM



### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 26/7/23		Start Time: 1:50 pm	
Inspection by: Richard Smith		Finish Time: 2:00 pm	
ACOR Project No: BR200435		Weather: Fine	
Inspection Report No: KPS-053	No. Pages:	Site Manager Name:	
Works Inspected: TIERED SEATING POUR 1 (PART 2)			
Drawing Reference: KPS-S-3-01-00			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENS. REFER MARK UP.

1.
2. # ADD EXTRA MESH AS PER ACOPS
3. COMMENTS FOR THICKEND SLAB
4. # ADD SCREW PIER SHEAR BARS.
5. # LIFT STEEL TO ENSURE CORRECT
6. COVER.
7. # PLACE FINAL CAGES.
8. WHEN ABOVE COMPLETE OK TO POUR
9.
10.
11.

Inspecting Engineer Signature:



Site Manager Signature:





### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 9/8/23		Start Time: 12-00pm	
Inspection by: Richard Smith		Finish Time: 12:30pm	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS- 54	No. Pages: :1	Site Manager Name: BRAD PERBUIG	
Works Inspected: TIERED SEATING REINFORCEMENT POUR 2 on 3			
Drawing Reference: KPS.S.3.01.00			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine and check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

*EXTENT REFER PLAN*

1.
2. * ENSURE CORRECT COVER
3.
4. OK TO POUR
5.
6.
7.
8.
9.
10.
11.

Inspecting Engineer Signature:



Site Manager Signature:



Our Reference: BR200435-SC-Building4-rev02  
Your Reference:

Level 7  
22 Cordelia St  
South Brisbane QLD 4101

21/09/2023

T 07 3844 5900

[www.acor.com.au](http://www.acor.com.au)

Richard Crookes Construction P/L  
Level 3, 4 Broadcast Way  
Artarmon, NSW 2064

ENGINEERS  
MANAGERS  
INFRASTRUCTURE  
PLANNERS  
DEVELOPMENT  
CONSULTANTS

Attention: Ms Angela Wang

Dear Angela,

**Re: Kingscliff Public School, Kingscliff NSW  
OC Structural Certification – Building 4**

## STRUCTURAL

---

### Site Details:

Project Name:	Kingscliff Public School				
Street no. / Street name:	12 Orient Street				
Suburb:	Kingscliff	State:	NSW	Postcode:	2487

---

<b>Description of Work:</b>	New Double Storey classrooms (Building 4)
-----------------------------	---

---

### Consent:

SSD No.	SSD-8378620-MOD-1	Consent authority:	N/A
		Dated:	15 June 2023

---

Pursuant to the provisions of the Environment Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 and Clause A5.2 of the Building Code of Australia 2019:

I, Jarrod Novosel of ACOR CONSULTANTS  
(name) (company)

hereby certify that the structural works have been installed / implemented / constructed in the above building/development and they have been inspected, assessed, and tested (where appropriate) in accordance with:

- 
- a) The following conditions of Development Consent:  
SSD Condition D11 and OC Conditions 7 and 10
- 
- b) The relevant clauses of the Building Code of Australia, as follows: BCA clauses B1.2 & B1.4 and Specification C1.1
- 





- 
- c) The following Australian Standards: AS 1170.0:2002, AS1170.1-2002, AS1170.2-2011, AS1170.4-2007, AS2870:2011, AS3600-2018, AS3700-2011 & AS4100:2020
- 

This is to certify that structural inspections were carried out during construction of this project by a practising Structural Engineer in accordance with the following schedule and accepted engineering practice and principles.

List of inspections undertaken during construction by a suitably qualified structural engineer:

Inspection No.	Date of Inspection	Item/s Inspected	Relevant Drawings (beginning with KPS-S-4-*)	Approved/ Rejected
009	15/09/2022	Lower ground footings and slab to building 4	01.00	Approved
010	16/09/2022	Lift Pit Slab to Building 4	01.00	Approved
012	28/09/2022	Building 4 blockwalls	01.00	Approved
013	30/09/2022	Building 4 lift pit wall	01.00	Approved
015	17/10/2022	Building 4 Columns Reinforcement	01.00	Approved
018	31/10/2022	Building 4 Blockwork/Footing reinforcement	01.00	Approved
019	04/11/2022	Building 4 Slab reinforcement in part	01.00	Approved
020	18/11/2022	Building 4 access ramp retaining wall footing	01.00	Approved
022	25/11/2022	Building 4 part footings/columns	01.00	Approved
023	28/11/2022	Building 4 Ground floor slab in part	01.00	Approved
025	09/12/2022	Building 4 Columns	01.00	Approved
027	16/12/2022	Lift walls and columns	01.00	Approved
028	19/12/2022	Building 4 footings in part	01.00	Approved
029	16/01/2023	Building 4 slab/concrete wall	01.00	Approved
031	27/01/2023	Concrete walls to building 4	01.00	Approved
033	27/01/2023	Concrete walls - building 4	01.00	Approved
034	03/02/2023	Building 4 Concrete wall reinforcement	01.00	Approved
035	10/02/2023	Building 4 Blockwork inspection	01.00	Approved
036	16/02/2023	Building 4 ramp	01.00	Approved
037	21/02/2023	Building 4 stair reinforcement	01.00	Approved
038	27/02/2023	Building 4 covered walkway pile cap reo	01.00	Approved
039	08/03/2023	Building 4 Suspended slab pour 1	02.00	Approved
040	17/03/2023	Building 4 North ramp footings	02.00	Approved
041	20/03/2023	Building 4 Pour 2 suspended slab	02.02	Approved

Inspection No.	Date of Inspection	Item/s Inspected	Relevant Drawings (beginning with KPS-S-4-*)	Approved/ Rejected
042	28/03/2023	Building 4 columns in part and lift walls	01.00	Approved
045	15/04/2023	Building 4 columns first floor	02.00	Approved
046	20/04/2023	Building 4 lift lid	02.00	Approved
047	24/04/2023	Building 4 rear steps & ramp/internal stairs	02.00	Approved
048	03/05/2023	Building 4 masonry ties	KPS-S-X-00.11	Approved
055	10/08/2023	Building 4 – curved aprons, water tank slab and plant slab	01.00	Approved
056	22/08/2023	Building 4 ramp landing	01.00	Approved
057	24/08/2023	Building 4 apron slabs	01.00	Approved

At the time of each inspection, the work inspected generally conformed, in our opinion with the structural engineering drawings. Where minor corrections were required, instructions were issued to the Builder for their correction.

This certificate does not relieve the Builder or any other party of their responsibilities for the project. This certificate is based upon the discrete number of inspections conducted and relies on the Builder to rectify the items noted on the inspection report.


The plans that the inspections were inspected off were the 'For Construction' set of drawings which will be rebadged and reissued at the end of the project as 'As-Built'.

Exclusions: Yes

Details of any exclusions: Screw piles, balustrade and handrails, all wall framing, roof trusses/girders, roof bracings, roof battens, ceiling battens, eaves, fascias and roof framing connections, including tie down to structure are to be certified by others.

Where there are no exclusions, I certify that this certificate covers all structural works, including footings, reinforced concrete columns, suspended slabs, ramps/stairs, and blockwalls for the areas inspected as outlined in the above list. Masonry ties and joints have only been assessed at discrete points on the dates of the inspection noted. From these discrete point in time inspections the masonry ties and joint in the masonry were installed generally in compliance with the design documents.

I also certify that I am an appropriately qualified and competent person practicing in the relevant area of work. I have recognised relevant experience in the area of work being certified. I / my employer hold/s appropriate current professional indemnity insurance to the satisfaction of the building owner or the principal authorising the design work being certified.

Name:	Jarrod Novosel	Licence No.:	RPEQ 8193
Company Name:	ACOR CONSULTANTS	ABN No:	40079306246
Company Address:	Level 7, 22 Cordelia St, South Brisbane QLD 4101	Tel:	07 3844 5900
Signature:		Position Title:	Structural Team Leader
		Date:	21/09/2023



### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 15.09.2022		Start Time: 7.30am
Inspection by: Richard Smith		Finish Time: 8am
ACOR Project No: BR200435		Weather: Fine
Inspection Report No: KPS-009	No. Pages: 1	Site Manager Name: Brad Perske
Works Inspected: Lower Ground Footings and Slab to Building 4		
Drawing Reference: KPS-S-4-01.		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the footing reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.	* ENSURE FOOTING CORNER BARS
2.	LAP CORRECTLY.
3.	ADDITIONAL SPICE BARS NEEDED.
4.	REFER ACOR DESIGN FOR LAP LENGTHS.
5.	* CLEAN DEBRIS FROM SLAB AREA.
6.	THEN OK TO POUR.
7.	
8.	
9.	
10.	
11.	

Inspecting Engineer Signature:



Site Manager Signature:

### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 16.09.2022		Start Time: 3.30 pm
Inspection by: Richard Smith		Finish Time: 4 pm
ACOR Project No: BR200435		Weather: Fine
Inspection Report No: KPS-010	No. Pages: 1	Site Manager Name: Brad Perske
Works Inspected: Lift Pit Slab to Building 4		
Drawing Reference: KPS-S-4-01.		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.
2. ENSURE CORRECT COVER ALL ROUND.
3. FOOTING — THEN OK TO 4 FOUR —
4.
5.
6.
7.
8.
9.
10.
11.

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_



### SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 28/9/22		Start Time: 830	
Inspection by: Richard Smith		Finish Time: 930	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS-012	No. Pages:	Site Manager Name: Brad Perske	
Works Inspected: Building 3 columns / Block walls - 1.8m / Building 4 Block walls			
Drawing Reference: KPS-S-3-01.00, KPS-S-4-01.00		Building 3 Footings	

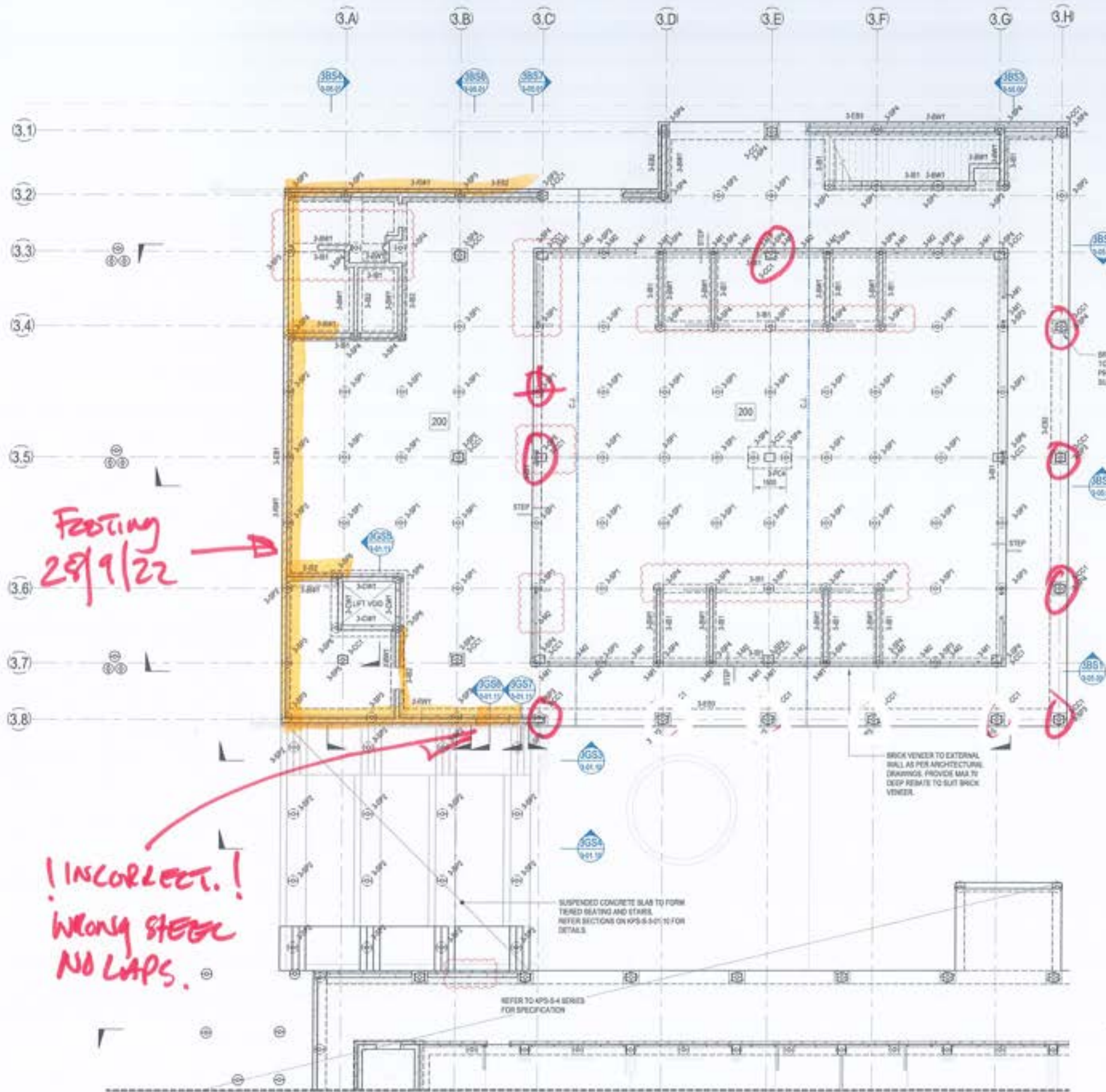
Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.	* BUILDING 4 - PLACE ALL RETAINING WALL VERTICALS
2.	ON CORRECT FACE
3.	- THEN OK TO POUR
4.	* BUILDING 3 - BLOCK WALLS 1.8 HT -
5.	- OK TO POUR.
6.	* BUILDING 3 COLUMNS
7.	- ENSURE CORRECT COVER WHEN BOXED
8.	- THEN OK TO POUR.
9.	* FOOTINGS - INCORRECT - POUR STOPPED
10.	REFER CORRESPONDANCE WITH ACOR.
11.	

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_





**BUILDING 3 - GROUND FLOOR NOTES**

200 THICK SUSPENDED GROUND LEVEL SLAB  
 CONSTRUCT SUSPENDED GROUND LEVEL SLAB ON 2mm POLYTHENE DIMP PROOF MEMBRANE OVER 10mm NOMINAL SAND BLINDING OVER UNPREPARED SUBGRADE. SLAB AND BEAMS ARE DESIGNED AS SUSPENDED. FILL MATERIAL IS TO BE FREE OF CONTAMINANTS AND ORGANIC MATTER AND IS TO BE APPROVED BY THE SUPERINTENDENT. NO SCAFFOLD JOINTS ARE REQUIRED OR PERMITTED IN SUSPENDED SLAB SUPPORTED ON SCREW PILES.

SUSPENDED GROUND LEVEL SLAB - NEGATIVE CONSTRUCTION SEQUENCE  
 1 STRIP SITE TO BULK EXCAVATION LEVEL AS PER CIVIL DRAWINGS.  
 2 EXCAVATE GROUND BEARS TO REQUIRED DEPTHS.  
 3 INSTALL SCREW PILES TO RATED CAPACITIES AS SCHEDULED.  
 4 CONSTRUCT SUSPENDED FOOTINGS AND SUSPENDED SLAB.

UNCONTROLLED FILL  
 UNCONTROLLED FILL MATERIAL ACTING AS LOFT FORMWORK IS REQUIRED TO SUPPORT WET WEIGHT OF CONCRETE. INSTALLATION OF UNDERGROUND SERVICES TO ACCOUNT FOR LEVEL OF COMPACTION OF UNCONTROLLED FILL MATERIAL. ALTERNATIVELY, SUSPENDED BELOW GROUND PIPE WORK FROM UNDERSIDE OF STRUCTURAL SLAB AS REQUIRED.

SCREW PILE 3P NOTES  
 SCREW PILES TO BE DESIGNED, CERTIFIED AND INSTALLED BY A SPECIALIST SUBCONTRACTOR IN ACCORDANCE WITH AUSTRALIAN STANDARDS. FOUNDING DEPTH OF SCREW PILES INTO NATURALLY OCCURRING STIFF CLAY MATERIAL AS PER THE GEOTECHNICAL REPORT SHALL BE CONFIRMED ON SITE IN ACCORDANCE WITH PILE TESTING. PILES ARE NOT TO BE FOUNDED IN FILL MATERIAL. THE ULTIMATE CAPACITY OF PILES SHALL BE CONFIRMED WITH IN-SITU PILE TESTING IN ACCORDANCE WITH AS 2196-2008. TEST PILES SHALL BE IDENTIFIED DURING PILING TO CONFIRM LOAD CAPACITY. PILE COMPUTATIONS AND SITE LOGS SPECIFYING PILE SIZE, INSTALLATION TORQUE AND INSTALLATION DEPTH SHALL BE PROVIDED TO THE SUPERINTENDENT. A COPY OF THE PILE TEST RESULTS SHALL ALSO BE PROVIDED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO PLACING CONCRETE. SCREW PILES TO BE CENTRAL IN FOOTING/BEAM WHERE NOT DIMENSIONED OR ON GRID. CONTRACTOR TO PROVIDE WARRANTY FOR 75 YEAR MINIMUM DESIGN LIFE. ALLOW FOR INCREASED WIND THICKNESS AS NECESSARY. CONTRACTOR TO INCLUDE COST OF PILING IN TENDER.

BRICK VENEER CLADDING TO 300 TO ARCHITECT'S DETAIL. PROVIDE MAX 75 DEEP REINFORC TO SUIT BRICK VENEER, TYP.

BRICK VENEER TO EXTERNAL WALL AS PER ARCHITECTURE DRAWINGS. PROVIDE MAX 75 DEEP REINFORC TO SUIT BRICK VENEER.

SUSPENDED CONCRETE SLAB TO FORM TRENCH BEATING AND STAIRS. REFER SECTIONS ON KPS-S-4-01.10 FOR DETAILS.

REFER TO KPS-S-4 SERIES FOR SPECIFICATION.

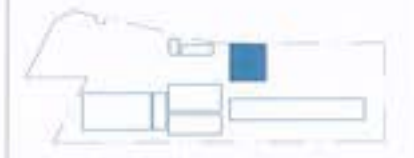
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The drawing has been assigned an electronic code that applies to drawings that have been checked and approved by:

Check	Description	Date	Drawn	Approved
A	75% OF SITE	02/08/21	RT	JL
B	FINAL SLAB	28/09/22	RT	MP
C	FINAL SLAB	28/09/22	RT	MP
D	CONSTRUCTION ISSUE	28/09/22	RT	MP
E	REVISED CONSTRUCTION	28/09/22	RT	MP
F	REVISED CONSTRUCTION	28/09/22	RT	MP
G	REVISED CONSTRUCTION	28/09/22	RT	MP

- LEGEND**
- 200 DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SLAB MESH BOTTOM. EXTEND MESH MIN 100mm INTO EDGE BEAM. SLAB MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL M20-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
  - DENOTES CONSTRUCTION JOINT. REFER TO KPS-S-4-03.21 FOR DETAIL.
  - DENOTES SLAB STEP. REFER TO ARCHITECT'S DRAWINGS FOR RL's.
  - DENOTES 3RD TRIMMER BARS TIED TO UNDERSIDE OF MESH.

- NOTES**
- REFER TO DRAWINGS KPS-S-3-010, KPS-S-3-011 AND KPS-S-3-012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWINGS KPS-S-3-013 TO 3-017 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT SECONDARY STEEL. NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO DRAWINGS KPS-S-3-018 TO 3-020 FOR ELEVATIONS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECT'S DETAILS I.N.D.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 90mm MAXIMUM.
  - NON STRUCTURAL RAMPS AND HOSES ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION.
  - ALL SLABS ON GROUND TO BE LAID OVER 200µ POLYTHENE MEMBRANE OVER 10mm BEDDING SAND.



Feooting  
28/9/22

Columns inspected  
28/9/22

! INCORRECT!  
WRONG STEEL  
NO LAPS.

**BUILDING 3 - GROUND FLOOR PLAN**  
SCALE: 1:100

FOR CONTINUATION REFER TO DRAWING KPS-S-4-01.00

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 03/08/2021

FOR CONSTRUCTION

**RICHARD CROOKES CONSTRUCTIONS**  
 NSW Education School Infrastructure

**BIM**  
 BRISBANE  
 80 COLLEGE STREET  
 BRISBANE QLD 4000

**KINGSCLIFF PUBLIC SCHOOL**  
 12 ORENT STREET, KINGSCLIFF, NSW 2487

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 T +61 7 3844 5500

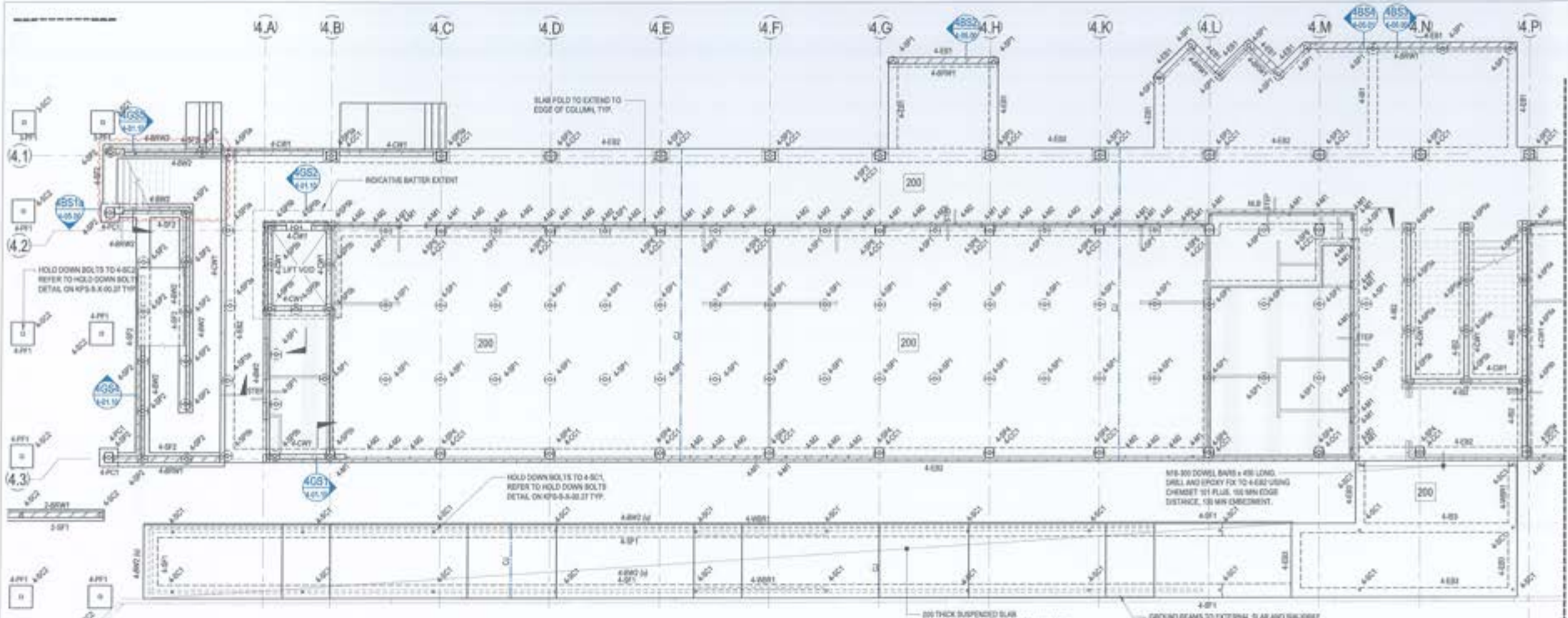
ISSUED BY: MANAGER OF INFRASTRUCTURE PLANNING & DEVELOPMENT CONSULTANTS

Design Title: **STRUCTURAL BUILDING 3 - GROUND FLOOR PLAN**

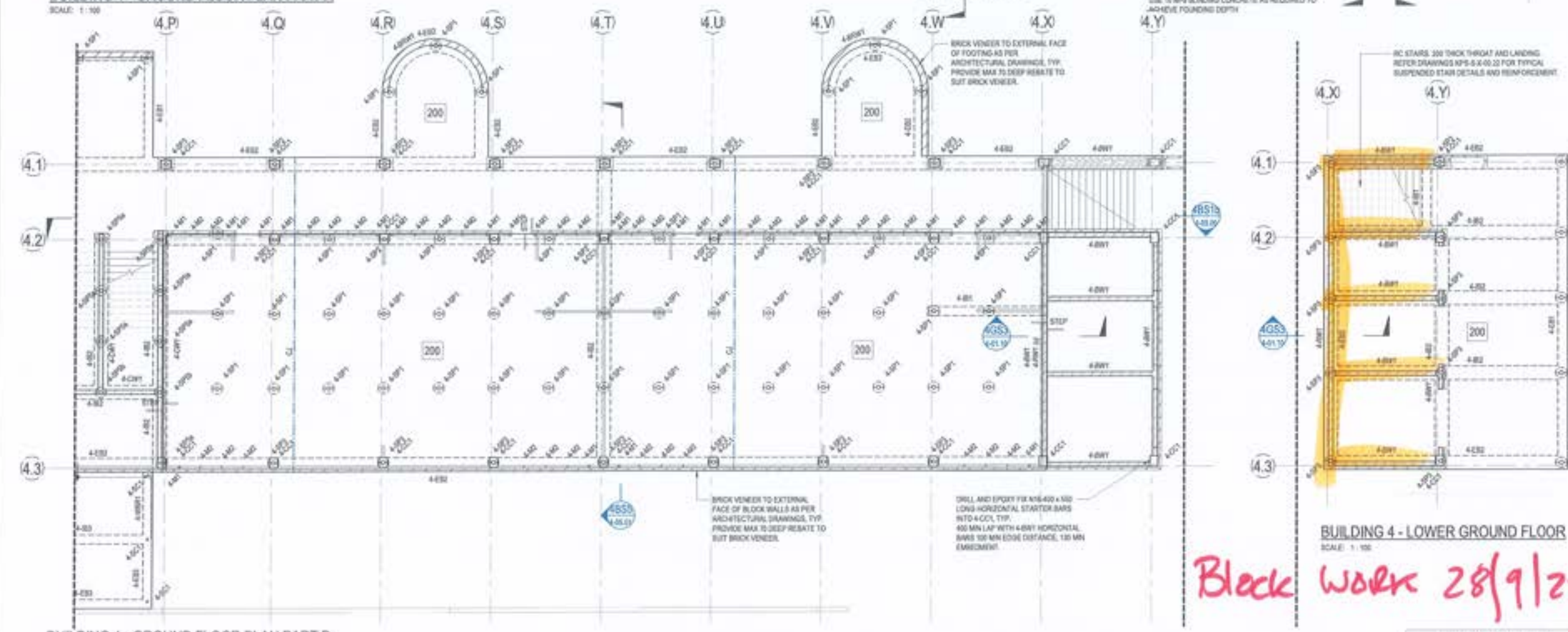
Drawn	Date	Check	By	QA/Check	Date
RT	AUG 2021	1:100	CR	CR	29/06/2021

Project	Project No.	Sheet No.	Total
MP	BR200435	KPS-S-3-01.00	1

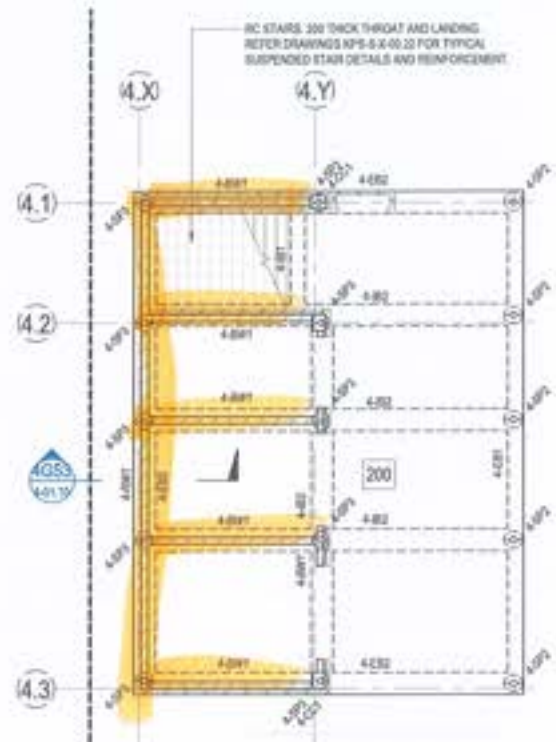




**BUILDING 4 - GROUND FLOOR PLAN PART A**  
SCALE: 1:100



**BUILDING 4 - GROUND FLOOR PLAN PART B**  
SCALE: 1:100



**BUILDING 4 - LOWER GROUND FLOOR**  
SCALE: 1:100

*Block work 28/9/22*

FOR CONSTRUCTION

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This drawing has been designed in accordance with the Building Code of Australia and approved by DA.

Rev	Description	Date	Drawn	Checked
1	ISSUE FOR PERMIT	28/08/2021	MP	CR
2	ISSUE FOR PERMIT	28/08/2021	MP	CR
3	ISSUE FOR PERMIT	28/08/2021	MP	CR
4	ISSUE FOR PERMIT	28/08/2021	MP	CR
5	ISSUE FOR PERMIT	28/08/2021	MP	CR
6	ISSUE FOR PERMIT	28/08/2021	MP	CR
7	ISSUE FOR PERMIT	28/08/2021	MP	CR

- LEGEND**
- 200 DENOTES 200 THICK SUSPENDED SLAB 2 LAYERS 300 MESH 800T/M. EXTEND MESH MIN 150mm INTO EDGE BEAM. SLAB MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL 100-200 x 100-1000 EACH WAY TOP OVER INTERNAL SCREW PILE.
  - DENOTES SLAB STEP REFER TO ARCHITECTS DRAWING FOR REL.
  - DENOTES CONSTRUCTION JOINT REFER DETAIL ON KPS-S-4-01.01
  - DENOTES NET AREA SETDOWN REFER TO ARCHITECTS DRAWING FOR REL.

- NOTES**
- REFER TO DRAWINGS KPS-S-4-01.01, KPS-S-4-01.02 AND KPS-S-4-01.03 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-4-01.01 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS UNLESS OTHERWISE NOTED OTHERWISE ALL NET AREA SETDOWNS ARE TO BE 50mm MAX.
  - NON STRUCTURAL RAMPS AND HOPS ARE NOT SHOWN REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLAB ON GROUND TO BE Laid OVER 200g POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-4-01.01 FOR ADDITIONAL GROUND FLOOR NOTES.

NOTE: REFER TO KPS-S-4-01.01 FOR GROUND FLOOR SCHEDULES.



**RICHARD CROOKES CONSTRUCTIONS**  
NSW Education School Infrastructure

**BIM**

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12 ORIENT STREET, KINGSLIFF, NSW 2487

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ENGINEERING AND INFRASTRUCTURE PLANNING DEVELOPMENT CONSULTANTS

Drawn by: **STRUCTURAL**  
Project: **BUILDING 4 - GROUND FLOOR PLAN**

Drawn	Date	Scale	By	SA. Check	Date
RT	AUG 2021	1:100	MP	CR	28/08/2021

Project	Project No.	Draw No.	Sheet
MP	BR200435	KPS-S-4-01.00	7















### SITE INSPECTION REPORT

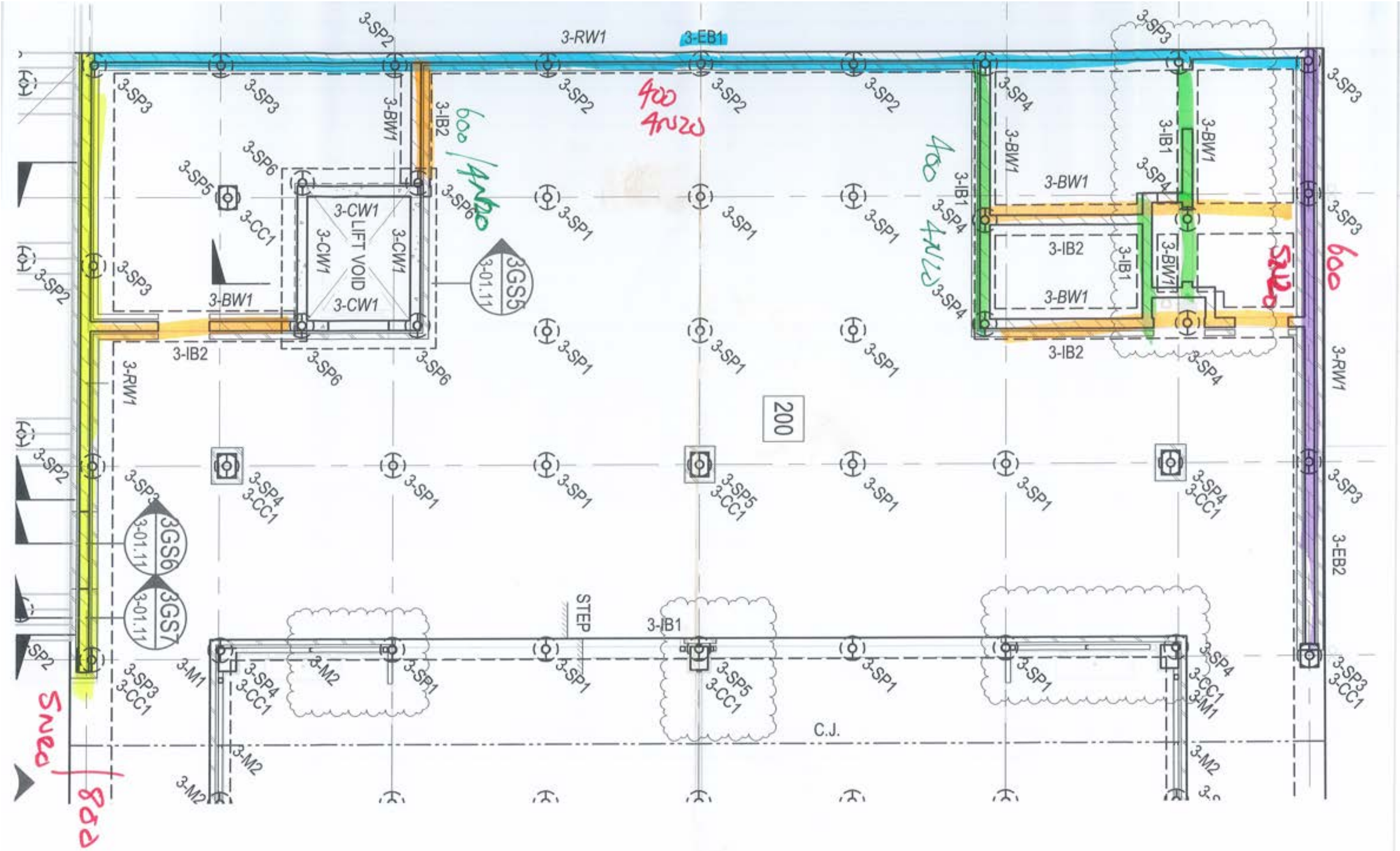
Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 30-09-22		Start Time: 1pm	
Inspection by: Richard Smith		Finish Time: 120pm	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS-0013	No. Pages: 1	Site Manager Name: Brad Perske	
Works Inspected: BLD 4 LIFT PIT WALL / BLD 3 FOOTINGS			
Drawing Reference: KPS-S-3-01.			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the Lift Baser to Building 3, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

- |     |                                       |
|-----|---------------------------------------|
| 1.  | * REINSPECTION OF BUILDING 3 FOOTINGS |
| 2.  | EXTENT REFER MARK-UP.                 |
| 3.  |                                       |
| 4.  | * CLEAN & REMOVE DEBRIS FROM          |
| 5.  | FOOTINGS                              |
| 6.  |                                       |
| 7.  | * CREATE COLLECT COVER FOR LIFT WALL. |
| 8.  |                                       |
| 9.  | WHEN ABOVE COMPLETE OK TO POUR.       |
| 10. |                                       |
| 11. |                                       |

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_







ACOR Consultants (Qld) Pty Ltd  
 ABN 18 126 011 087  
 BRISBANE OFFICE  
 Level 4, 43 Peel Street  
 South Brisbane QLD 4101  
 Telephone: T +61 7 3844 5900  
 www.acor.com.au

**SITE INSPECTION REPORT**

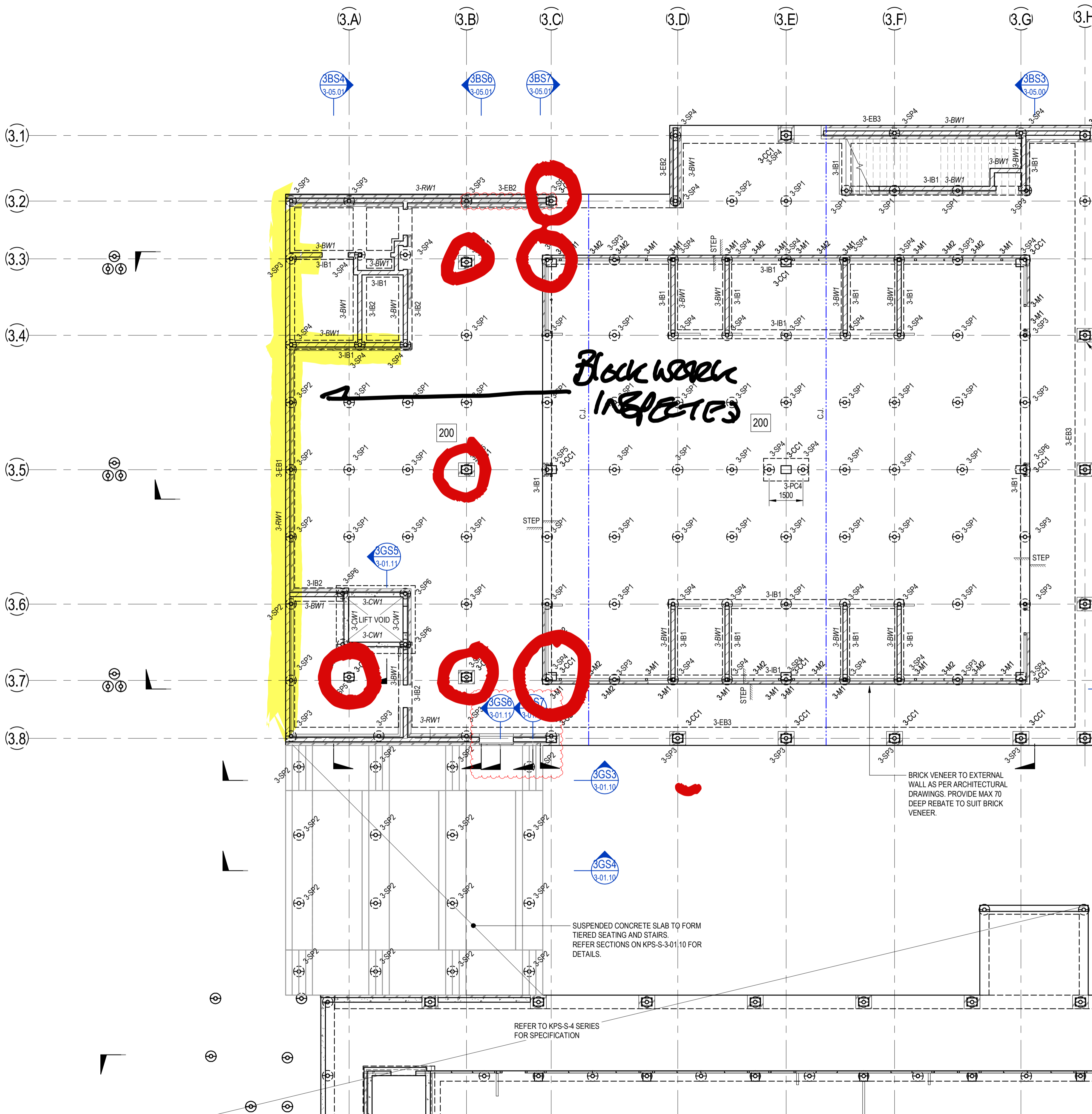
Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 17/10/22		Start Time: 3:30 pm
Inspection by: Richard Smith		Finish Time: 4:00 pm
ACOR Project No: BR200435		Weather: CLOUDY.
Inspection Report No: KPS-o	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BLD 4 - Columns BLD 3, Block Wall, Columns.		
Drawing Reference: KPS-S-3-01.00 KPS-S-4-01.00		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.	TIE OFF REMAINING CENTRAL FITMENTS
2.	PLACE CORRECT 'L' BARS TO
3.	INTERSECTING BLOCK WALLS.
4.	- EXTENT? REFER MARK UP.
5.	
6.	
7.	WHEN ABOVE COMPLETE - OK TO POUR.
8.	
9.	
10.	
11.	

Inspecting Engineer Signature:

Site Manager Signature:



**BUILDING 3 - GROUND FLOOR NOTES:**

200 THICK SUSPENDED GROUND LEVEL SLAB  
 CONSTRUCT SUSPENDED GROUND LEVEL SLAB ON 0.2mm POLYTHENE DAMP PROOF  
 MEMBRANE OVER 50mm NOMINAL SAND BLINDING OVER UNPREPARED SUBGRADE.  
 SLAB AND BEAMS ARE DESIGNED AS SUSPENDED. FILL MATERIAL IS TO BE FREE OF  
 CONTAMINANTS AND ORGANIC MATTER AND IS TO BE APPROVED BY THE  
 SUPERINTENDENT. NO SAWCUT JOINTS ARE REQUIRED OR PERMITTED IN SUSPENDED  
 SLAB SUPPORTED ON SCREW PILES.

**SUSPENDED GROUND LEVEL SLAB - INDICATIVE CONSTRUCTION SEQUENCE:**

1. STRIP SITE TO BULK EXCAVATION LEVEL AS PER CIVIL DRAWINGS.
2. EXCAVATE GROUND BEAMS TO REQUIRED DEPTHS.
3. INSTALL SCREW PILES TO RATED CAPACITIES AS SCHEDULED.
4. CONSTRUCT SUSPENDED FOOTINGS AND SUSPENDED SLAB.

**UNCONTROLLED FILL:**  
 UNCONTROLLED FILL MATERIAL ACTING AS LOST FORMWORK IS REQUIRED TO  
 SUPPORT WET WEIGHT OF CONCRETE. INSTALLATION OF UNDERGROUND SERVICES  
 TO ACCOUNT FOR LEVEL OF COMPACTION OF UNCONTROLLED FILL MATERIAL.  
 ALTERNATIVELY, SUSPENDED BELOW GROUND PIPE WORK FROM UNDERSIDE OF  
 STRUCTURAL SLAB AS REQUIRED.

**FOOTINGS:**  
 STRIP FOOTINGS, EDGE AND INTERNAL BEAMS HAVE BEEN DESIGNED AS SUSPENDED  
 OVER UNPREPARED SUBGRADE SUPPORTED ON SCREW PILES INSTALLED TO RATED  
 CAPACITIES AS SCHEDULED. CONTRACTOR TO MAKE AN APPROPRIATE ALLOWANCE  
 FOR OVER-EXCAVATION TO SUIT DEPTH OF EXCAVATION.

**SCREW PILE 'SP' NOTES:**  
 SCREW PILES TO BE DESIGNED, CERTIFIED AND INSTALLED BY A SPECIALIST  
 SUBCONTRACTOR, IN ACCORDANCE WITH AUSTRALIAN STANDARDS. FOUNDING DEPTH  
 OF SCREW PILES INTO NATURALLY OCCURRING STIFF CLAY MATERIAL AS PER THE  
 GEOTECHNICAL REPORT SHALL BE CONFIRMED ON SITE IN ACCORDANCE WITH PILE  
 TESTING. PILES ARE NOT TO BE FOUND IN FILL MATERIAL. THE ULTIMATE CAPACITY  
 OF PILES SHALL BE CONFIRMED WITH IN-SITU PILE TESTING IN ACCORDANCE WITH AS  
 2159-2009. TEST PILES SHALL BE IDENTIFIED DURING PILING TO CONFIRM LOAD  
 CAPACITY. PILE COMPUTATIONS AND SITE LOGS SPECIFYING PILE SIZE, INSTALLATION  
 TORQUE AND INSTALLATION DEPTH SHALL BE PROVIDED TO THE SUPERINTENDENT. A  
 COPY OF THE PILE TEST RESULTS SHALL ALSO BE PROVIDED TO THE  
 SUPERINTENDENT FOR APPROVAL PRIOR TO PLACING CONCRETE. SCREW PILES TO BE  
 CENTRAL IN FOOTING/BEAM WHERE NOT DIMENSIONED OR ON GRID. CONTRACTOR TO  
 PROVIDE WARRANTY FOR 75 YEAR MINIMUM DESIGN LIFE. ALLOW FOR INCREASED  
 WALL THICKNESS AS NECESSARY. CONTRACTOR TO INCLUDE COST OF PILING IN  
 TENDER.

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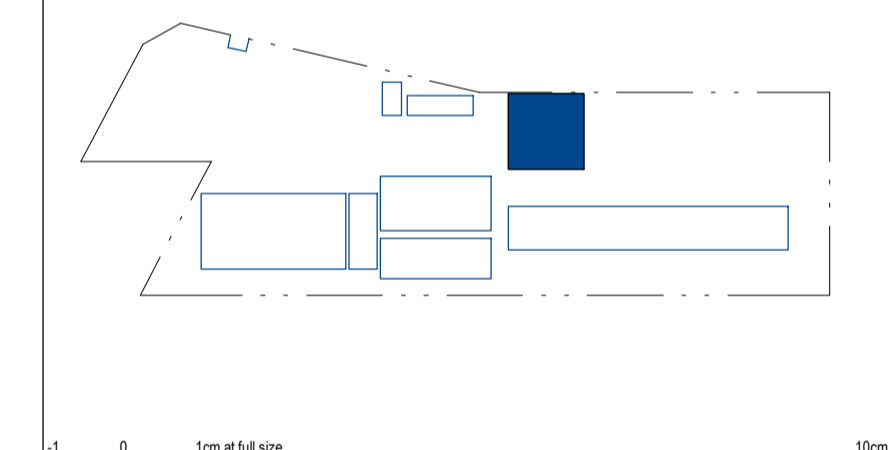
North

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: -

Issue	Description	Date	Drawn	Approved
A	50% DD ISSUE	02/03/2021	RT	JN
B	70% DD ISSUE	23/04/2021	RT	MP
C	100% DD ISSUE	04/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/08/2021	RT	MP

- LEGEND**
- 200** DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SL92 MESH BOTTOM. EXTEND MESH MIN 150mm INTO EDGE BEAM. SL102 MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL N12-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
  - CJ** DENOTES CONSTRUCTION JOINT. REFER TO KPS-S-X-00.21 FOR DETAIL.
  - DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR RL'S.
  - DENOTES 3N12 TRIMMER BARS TIED TO UNDERSIDE OF MESH.

- NOTES:**
- REFER TO DRAWINGS KPS-S-X-0010, KPS-S-X-0011 AND KPS-S-X-0012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-X-00.27 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO DRAWINGS KPS-S-3-04.00 FOR ELEVATIONS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.N.O.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAXIMUM.
  - NON STRUCTURAL RAMPS AND HOBBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200µm POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.



Client

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Architect

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ENGINEERS|MANAGERS|INFRASTRUCTURE PLANNERS|DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 3 - GROUND FLOOR PLAN**

Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:100		CR	29.06.2021

Designed	Project No.	Dwg No.	Issue
MP	BR200435	KPS-S-3-01.00	4

**BUILDING 3 - GROUND FLOOR PLAN**  
 SCALE: 1:100

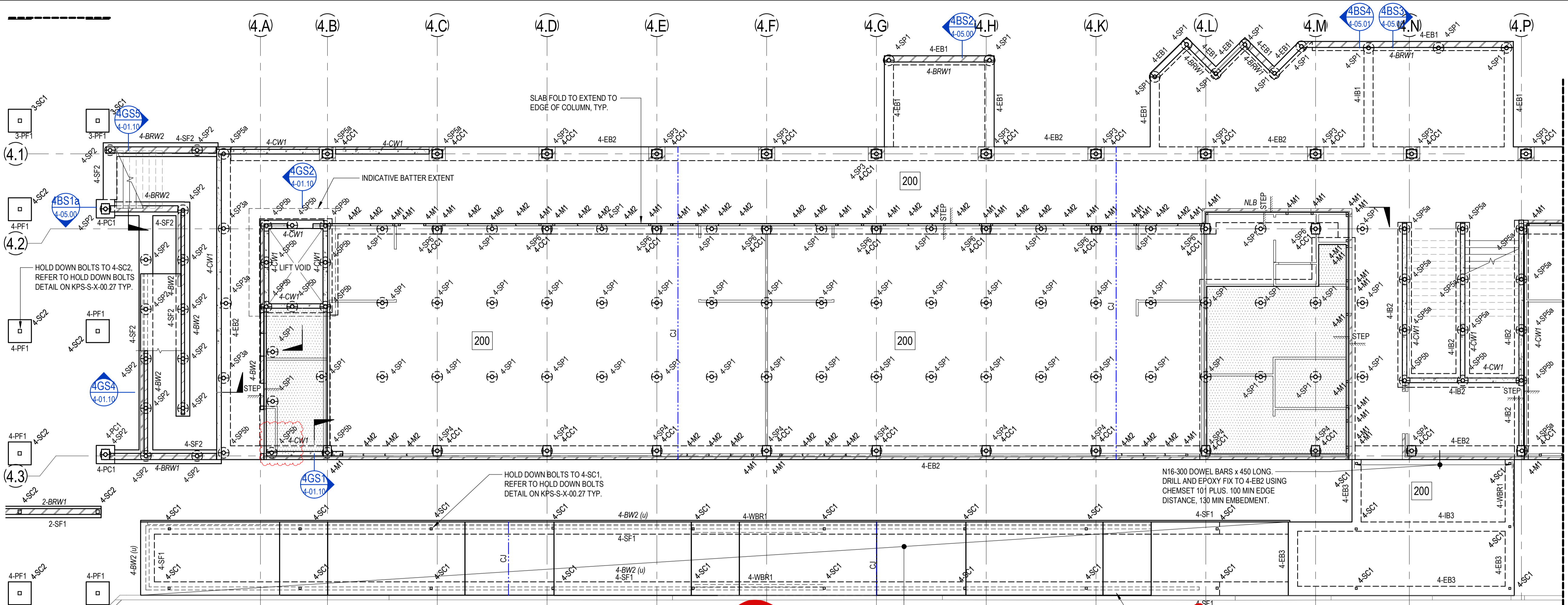
FOR CONTINUATION REFER TO DRAWING KPS-S-4-01.00

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 17/06/2021

**FOR CONSTRUCTION**

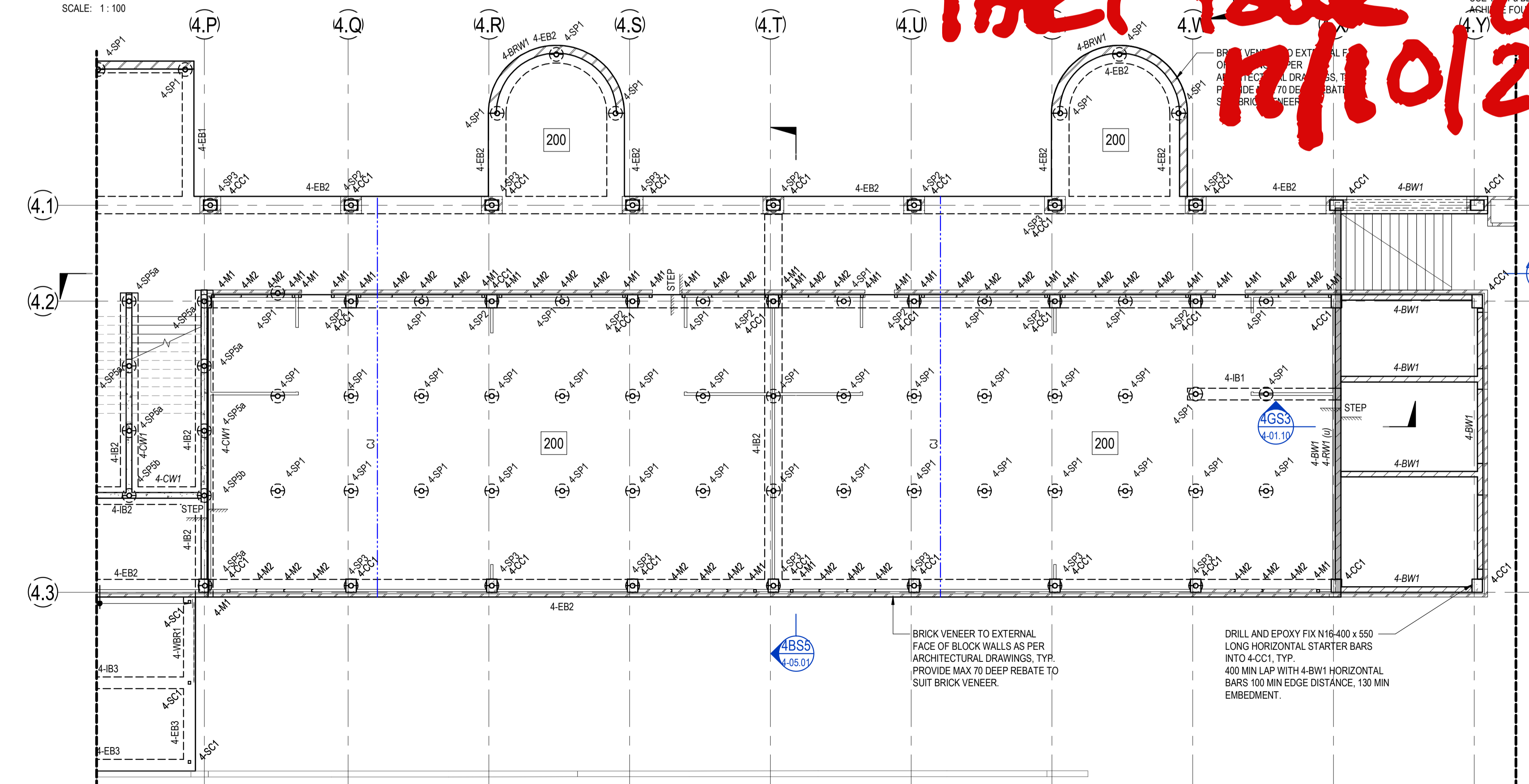
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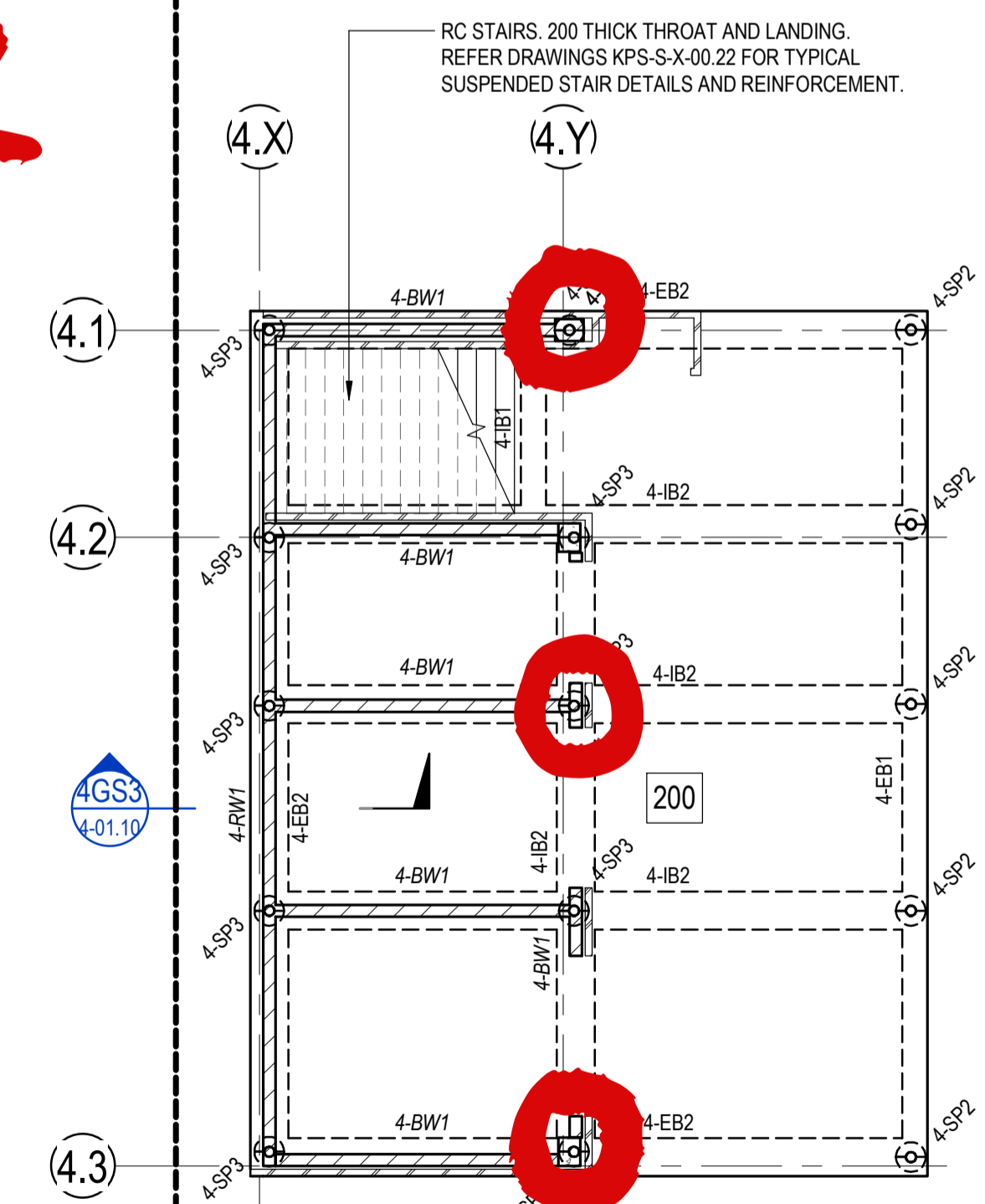


**BUILDING 4 - GROUND FLOOR PLAN PART A**  
SCALE: 1:100

**PART FOUR**  
**Peel Columns**  
**R/10/22**



**BUILDING 4 - GROUND FLOOR PLAN PART B**  
SCALE: 1:100



**BUILDING 4 - LOWER GROUND FLOOR**  
SCALE: 1:100

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 17/06/2021

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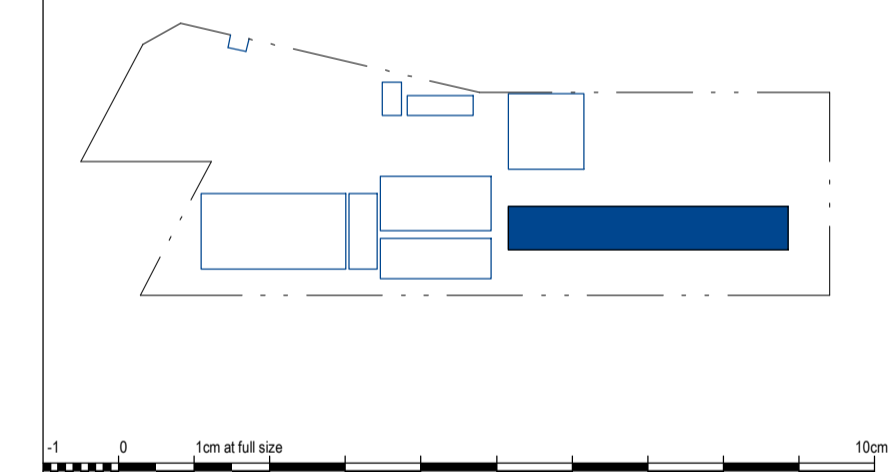
This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: CR

Issue	Description	Date	Drawn	Approved
A	50% DD ISSUE	02/03/2021	RT	JN
B	70% DD ISSUE	23/04/2021	RT	MP
C	100% DD ISSUE	11/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/08/2021	RT	MP

- LEGEND**
- 200** DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SL92 MESH BOTOM. EXTEND MESH MIN 150mm INTO EDGE BEAM. SL102 MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL N12-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
  - STEP** DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR RL'S.
  - CJ** DENOTES CONSTRUCTION JOINT. REFER DETAIL ON KPS-S-X-00.29
  - WET AREA** DENOTES WET AREA SETDOWN. REFER TO ARCHITECTS DRAWINGS FOR RL'S.

- NOTES:**
- REFER TO DRAWINGS KPS-S-X-0010, KPS-S-X-0011 AND KPS-S-X-0012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-X-00.27 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.M.Q.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAX.
  - NON STRUCTURAL RAMPS AND HOBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200µ POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-4-01.01 FOR ADDITIONAL GROUND FLOOR NOTES.

NOTE: REFER TO KPS-S-4-01.01 FOR GROUND FLOOR SCHEDULES.



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99 BROOKES STREET  
FORTITUDE VALLEY  
4005 QLD  
www.bickertonmasters.com.au

Project  
**KINGSCLIFF PUBLIC SCHOOL**  
12 ORIENT STREET, KINGSCLIFF, NSW 2487

**ACOR Consultants (QLD) Pty Ltd**  
Level 4, 43 Peel Street  
South Brisbane QLD 4101  
T +61 7 3844 5900

ENGINEERS/MANAGERS/INFRASTRUCTURE PLANNERS/DEVELOPMENT CONSULTANTS

Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:100		CR	29.06.2021
Designed	Project No.	Draw No.	Issue		
MP	BR200435	KPS-S-4-01.00	4		





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 BRISBANE OFFICE  
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 South Brisbane QLD 4101  
 Telephone: T +61 7 3844 5900  
 www.acor.com.au

SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 31-10-22		Start Time: 7.45
Inspection by: Richard Smith		Finish Time: 8.15
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-o 18	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BLD 4 BLOCK WORK / BLD 4 FOOTING REINFORCEMENT		
Drawing Reference: KPS-S-A-01-00		

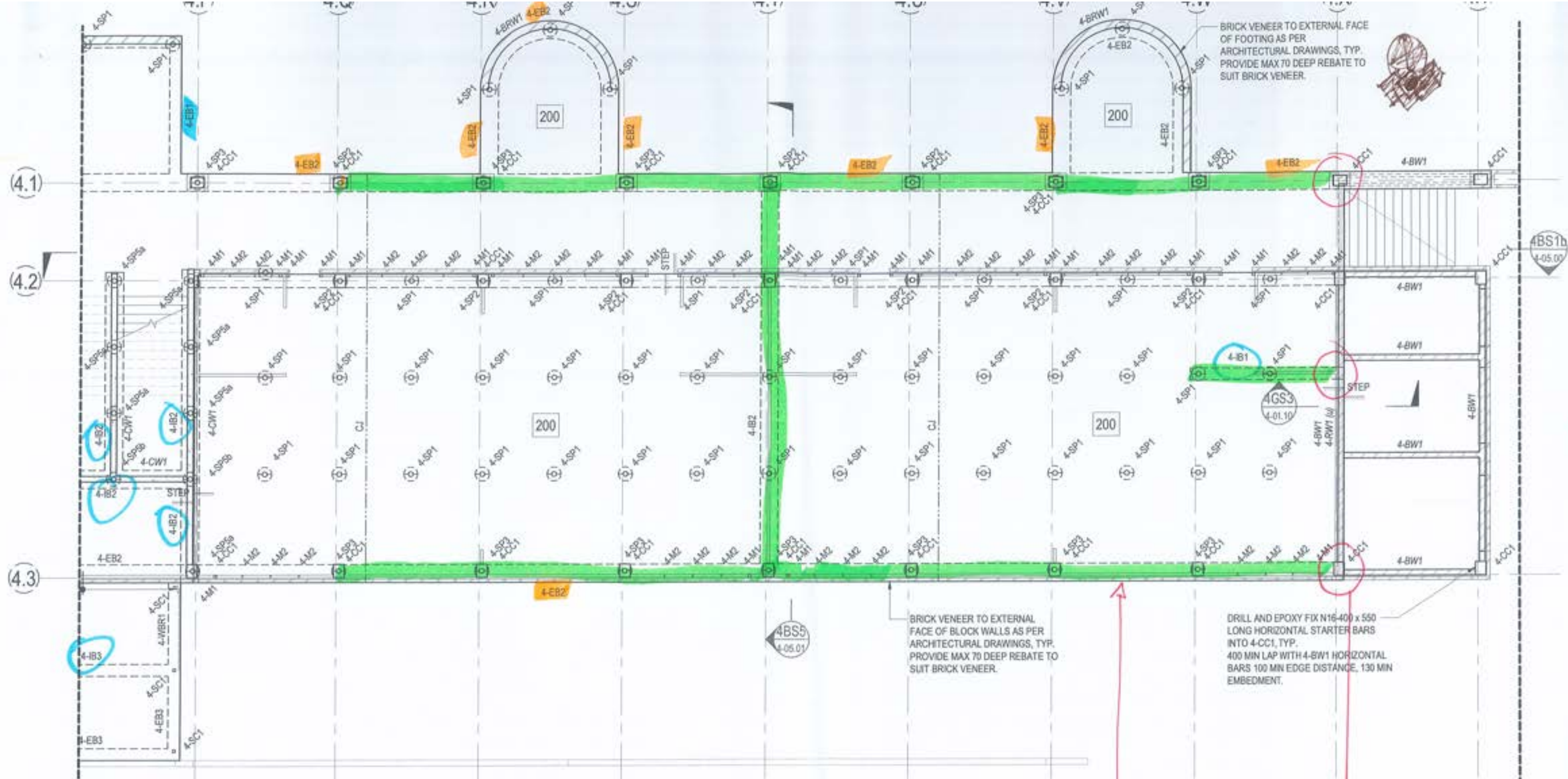
Ingenieered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

1.	EXTENT OF INSPECTION
2.	REFER MARK-UP.
3.	
4.	* BLOCK WORK OK
5.	* PLACE PLACE JUNCTION COGGED
6.	BAR AS PER DETAIL
7.	* PROVIDE PHOTOS OF EB2/1B1
8.	TO BLOCK WORK CONNECTION WHEN
9.	COMPLETE
10.	
11.	WHEN ABOVE COMPLETE OR TO POUR

Inspecting Engineer Signature: 

Site Manager Signature: \_\_\_\_\_



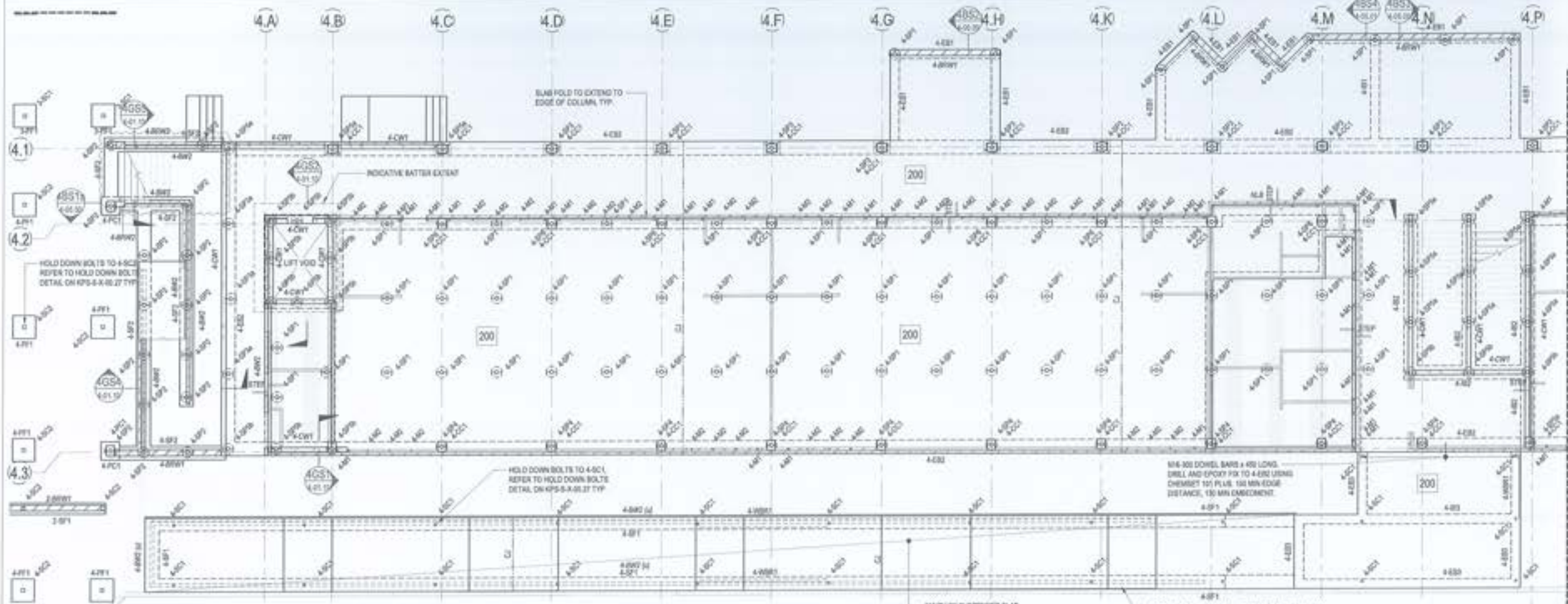


BUILDING 4 - GROUND FLOOR PLAN PART B

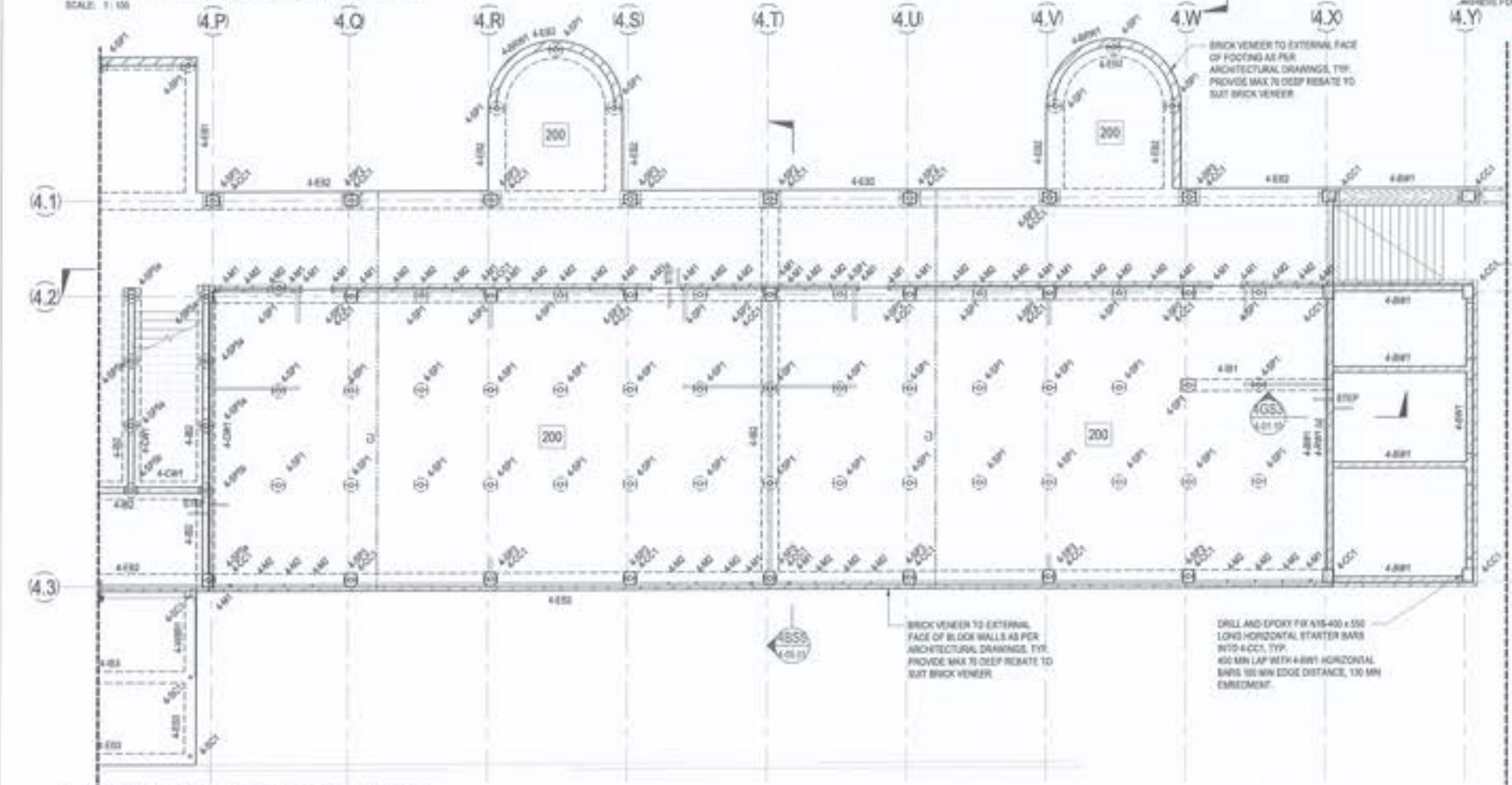
EB2 + IB1  
 REINFORCEMENT  
 INSPECTED FOR  
 PART PAUL

PROVIDE  
 PROTECTOR  
 OF FINISHED  
 JOINTION

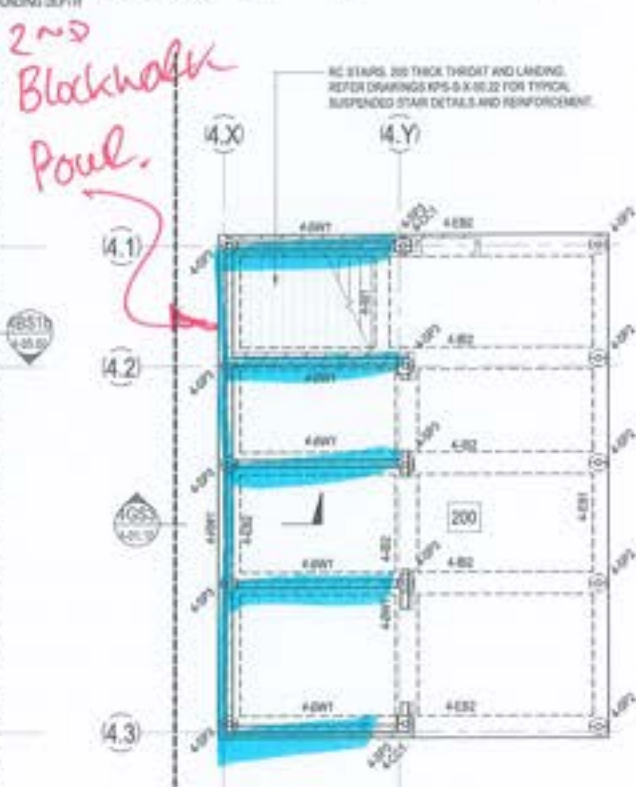




**BUILDING 4 - GROUND FLOOR PLAN PART A**  
SCALE: 1:100



**BUILDING 4 - GROUND FLOOR PLAN PART B**  
SCALE: 1:100



**BUILDING 4 - LOWER GROUND FLOOR**  
SCALE: 1:100

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The drawing has been designed in accordance with the Australian Standards for Structural Steelwork approved by AS/NZS.

Date	Description	Drawn	Checked	Approved
20/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP
18/08/2021	ISSUE FOR RFP	MP	MP	MP

- LEGEND**
- 200 DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SLAB MESH BOTTOM. EXTEND MESH MIN 100mm INTO EDGE BEAM. SLAB MESH TOP. DO NOT LAP TOP MESH OVER BEAM. FILE ADDITIONAL #12-30 x 100 LONG EACH WAY TOP OVER INTERNAL CORNER JOINT.
  - 300 DENOTES 300 THICK SUSPENDED SLAB. REFER TO ARCHITECTS DRAWINGS FOR R/L.
  - CS DENOTES CONSTRUCTION JOINT. REFER DETAIL ON KPS-S-4-01-02.
  - WET DENOTES WET AREA SETDOWN. REFER TO ARCHITECTS DRAWINGS FOR R/L.

- NOTES**
- REFER TO DRAWINGS KPS-S-4-01-01, KPS-S-4-01-02 AND KPS-S-4-01-03 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-4-01-02 FOR TYPICAL OPERABLE WALL HEDGER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS, FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS UNLESS NOTED OTHERWISE.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 30mm MAX.
  - NON STRUCTURAL RAMPS AND ROOFS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200mm POLYETHYLENE MEMBRANE OVER 90mm BEDDING SAND.
  - REFER TO KPS-S-4-01-01 FOR ADDITIONAL GROUND FLOOR NOTES.



**RICHARD CROOKES CONSTRUCTIONS**  
Education School Infrastructure  
NSW

**BIM**  
BIMBARD  
3/11/2021  
31/08/2021  
12/08/2021  
12/08/2021

**KINGSLIFF PUBLIC SCHOOL**  
12 ORIENT STREET, KINGSLIFF, NSW 2487

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South Brisbane QLD 4101  
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ENGINEERS/MANAGERS/INFRASTRUCTURE PLANNERS/DEVELOPMENT CONSULTANTS

Creating The STRUCTURAL BUILDING 4 - GROUND FLOOR PLAN

Date	Date	Scale	Sheet	of	Sheet	Date
RT	AUG 2021	1:100	41	44	CH	29.08.2021
MP	BR200435				KPS-S-4-01.00	7

FOR CONSTRUCTION





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 South Brisbane QLD 4101  
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**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC	
Date of Inspection: 4/11/22		Start Time: 3:30 pm	
Inspection by: Richard Smith		Finish Time: 3:45 pm	
ACOR Project No: BR200435		Weather: FINE	
Inspection Report No: KPS-o 19	No. Pages:	Site Manager Name: Brad Perske	
Works Inspected: BLD 4 - SCAB REINFORCEMENT - IN PART			
Drawing Reference: KPS-S-4-01-00			

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

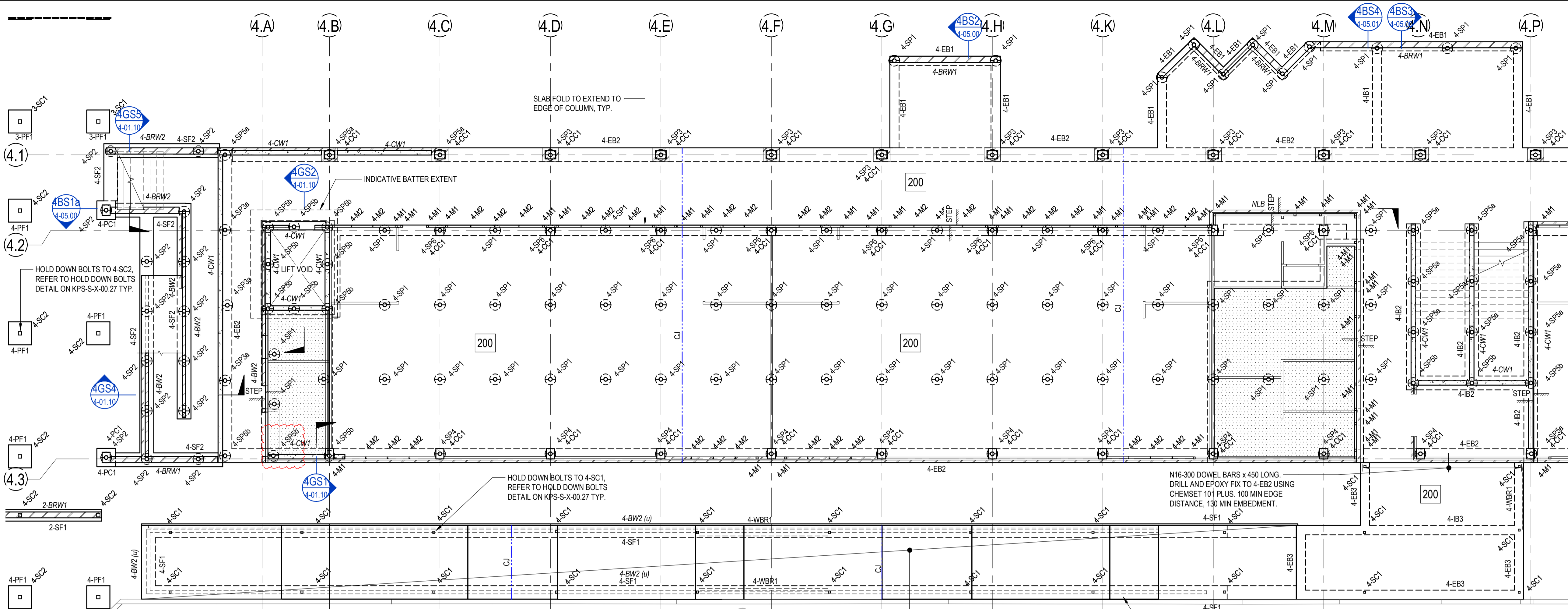
EXTENS. REFER MARK-UP

1.	
2.	* CLEAN DEBRIS
3.	
4.	* MAINTAIN COVER
5.	
6.	THEN OR TO PAPER
7.	
8.	
9.	
10.	
11.	

Inspecting Engineer Signature:

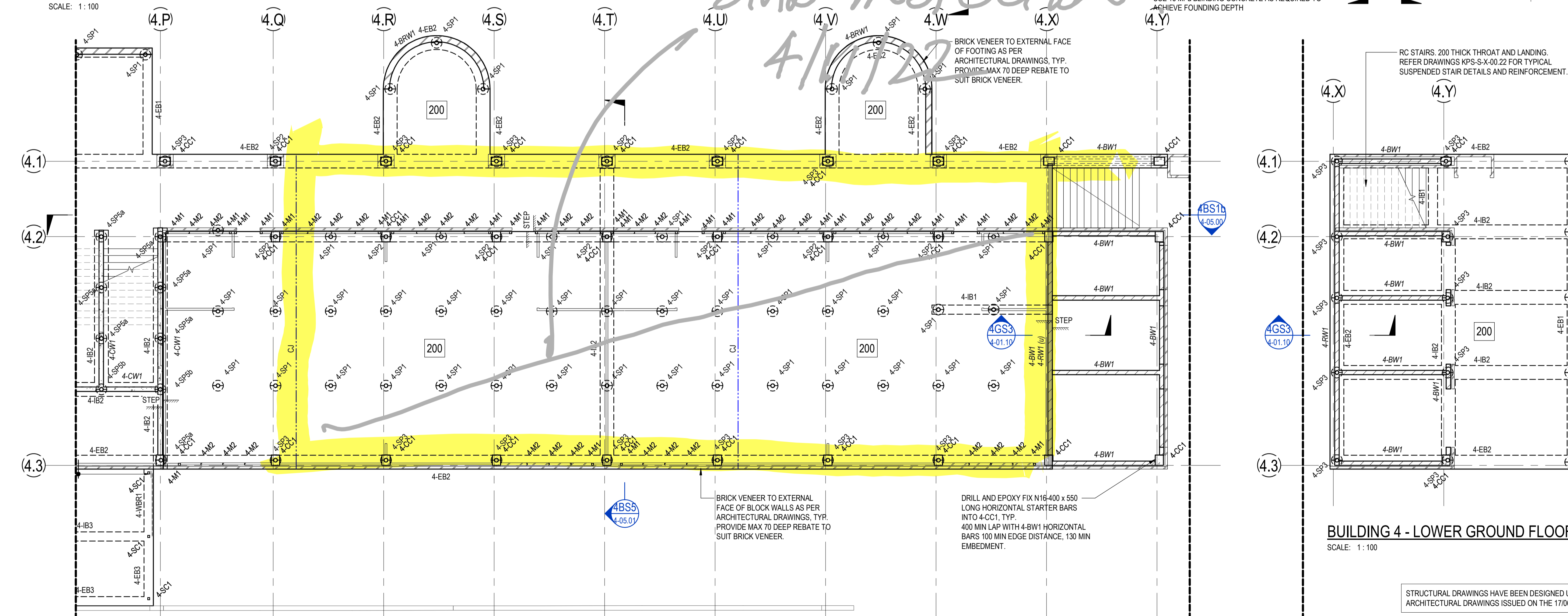
Site Manager Signature:





**BUILDING 4 - GROUND FLOOR PLAN PART A**

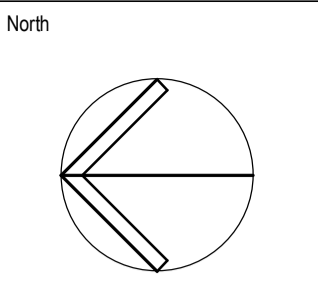
SCALE: 1:100



**BUILDING 4 - GROUND FLOOR PLAN PART B**

SCALE: 1:100

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This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: CR

Issue	Description	Date	Drawn	Approved
A	50% DD ISSUE	02/03/2021	RT	JN
B	70% DD ISSUE	23/04/2021	RT	MP
C	100% DD ISSUE	11/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	RS
2	REVISED CONSTRUCTION	29/07/2021	RT	MP
3	REVISED CONSTRUCTION	06/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/08/2021	RT	MP

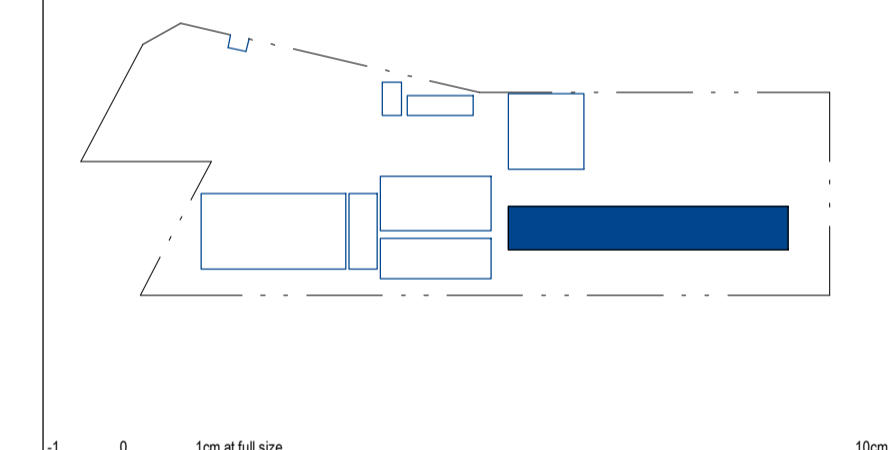
**LEGEND**

- 200** DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS SL2 MESH BOTOM. EXTEND MESH MIN 150mm INTO EDGE BEAM. SL102 MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL N12-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
- STEP** DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR RL'S.
- CJ** DENOTES CONSTRUCTION JOINT. REFER DETAIL ON KPS-S-X-00.29
- WET AREA** DENOTES WET AREA SETDOWN. REFER TO ARCHITECTS DRAWINGS FOR RL'S.

**NOTES:**

- REFER TO DRAWINGS KPS-S-X-0010, KPS-S-X-0011 AND KPS-S-X-0012 FOR ALL STRUCTURAL GENERAL NOTES.
- REFER DRAWING KPS-S-X-00.27 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
- ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS S.U.M.Q.
- UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAX.
- NON STRUCTURAL RAMPS AND HOBBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
- ALL SLABS ON GROUND TO BE LAID OVER 200µ POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
- REFER TO KPS-S-4-01.01 FOR ADDITIONAL GROUND FLOOR NOTES.

NOTE: REFER TO KPS-S-4-01.01 FOR GROUND FLOOR SCHEDULES.



Client  
**RICHARD CROOKES CONSTRUCTIONS**

Architect  
**NSW Education School Infrastructure**

Architect  
**BIM**  
BRISBANE (07) 3257 3622  
99 BROOKES STREET  
FORTITUDE VALLEY  
4005, QLD  
www.bickertonmasters.com.au

Project  
**KINGSCLIFF PUBLIC SCHOOL**

12 ORIENT STREET, KINGSCLIFF, NSW 2487

**ACOR Consultants (QLD) Pty Ltd**  
Level 4, 43 Peel Street  
South Brisbane QLD 4101  
T +61 7 3844 5900

ENGINEERS/MANAGERS/INFRASTRUCTURE PLANNERS/DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 4 - GROUND FLOOR PLAN**

Drawn	Date	Scale	A1	O.A. Check	Date
RT	AUG 2021	1:100		CR	29.06.2021
Designed	Project No.	Dwg No.	Issue		
MP	BR200435	KPS-S-4-01.00	4		

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 17/06/2021

**FOR CONSTRUCTION**

*Slab inspection 4/11/22*

BIM 30/08/2021 12:19:07 PM





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 www.acor.com.au

**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 18/11/22		Start Time: 9:00am
Inspection by: Richard Smith		Finish Time: 9:30am
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-020	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: ACCESS RAMP RETAINING WALL FIXINGS		
Drawing Reference: KPS-S-4 01.00 (ACOR MARK-UP) SHEET		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENT REFER ATTACHED MARK-UP.

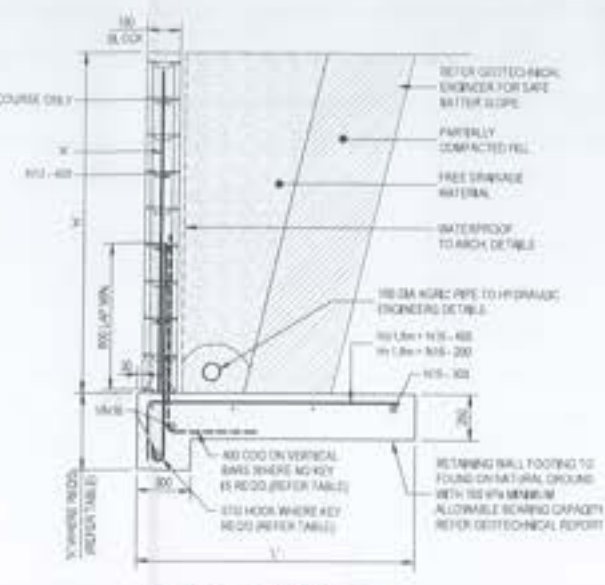
1.	EXTENT REFER ATTACHED MARK-UP.
2.	
3.	ENSURE CORRECT COVER.
4.	
5.	OK TO POUR.
6.	
7.	
8.	
9.	
10.	
11.	

Inspecting Engineer Signature:

Site Manager Signature:

Footings watered  
18/11/22

CENTRAL REINFORCEMENT - 180 BLOCK



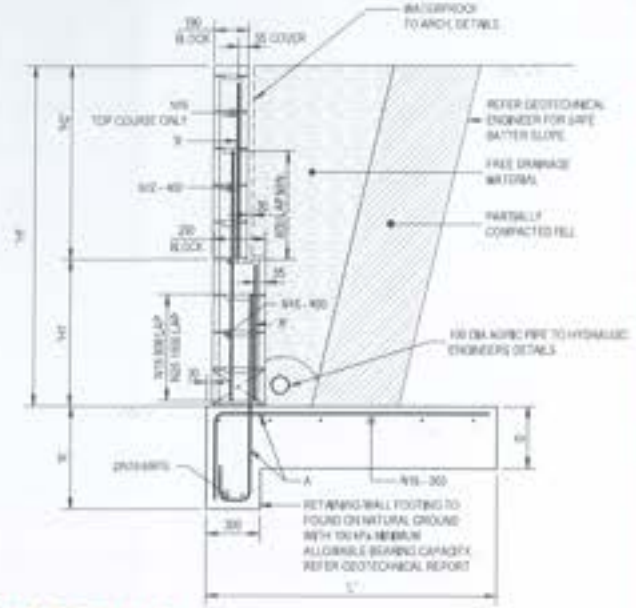
4-RW2 DETAILS

MAX HEIGHT 2.0m

HEI	L	W	HT	AD	W	D
1.2	1000	112-400	200	100	112-400	300
1.4	1200	112-400	200	100	112-400	300
1.6	1400	112-400	200	100	112-400	300
1.8	1600	112-400	200	100	112-400	300
2.0	1800	112-400	200	100	112-400	300

DESIGN ASSUMPTIONS:  
 - s = 5kPa  
 - WT @ 10% ABOVE FOOTING  
 - Na = 3.33 kPa + 1  
 - c = 50kPa + 10kPa/m<sup>2</sup> = SAT + 20kPa/m<sup>2</sup>

>2m FOOTING UNDER BACKFILL



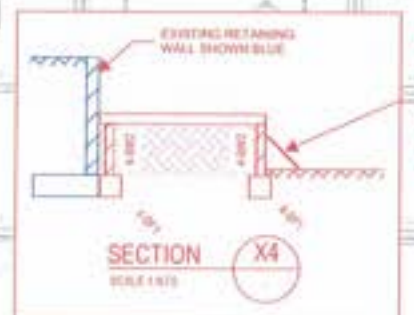
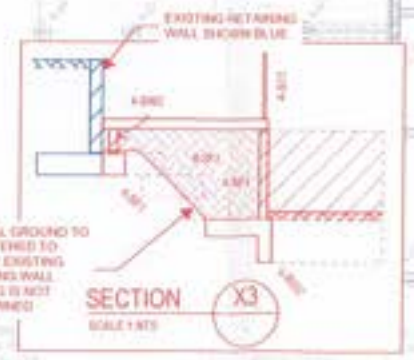
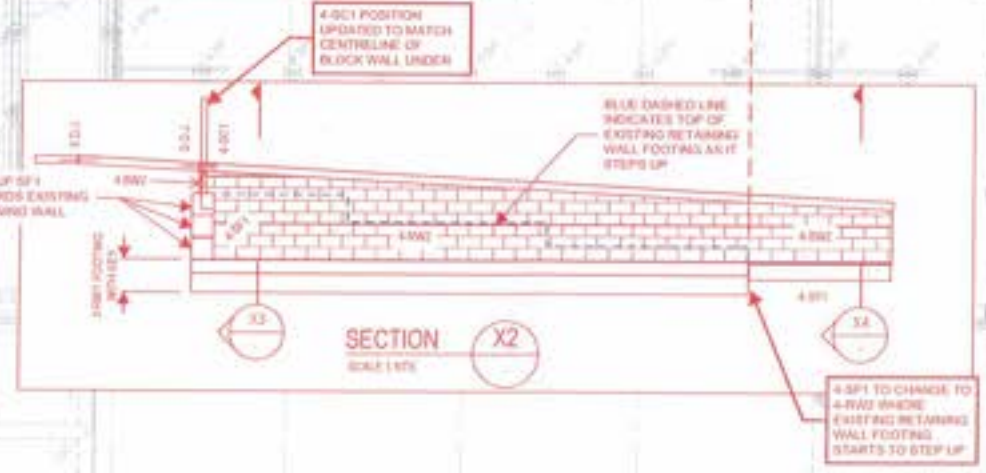
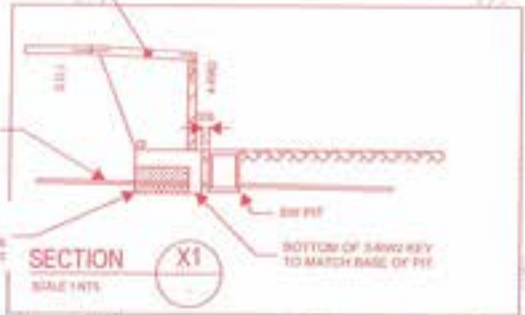
4-RW2 DETAILS

MAX HEIGHT 3.4m

HEI	L	W	HT	AD	W	D
2.2	1000	112-400	200	100	112-400	300
2.4	1200	112-400	200	100	112-400	300
2.6	1400	112-400	200	100	112-400	300
2.8	1600	112-400	200	100	112-400	300
3.0	1800	112-400	200	100	112-400	300
3.2	2000	112-400	200	100	112-400	300
3.4	2200	112-400	200	100	112-400	300

DESIGN ASSUMPTIONS:  
 - s = 5kPa  
 - WT @ 10% ABOVE FOOTING  
 - Na = 3.33 kPa + 1  
 - c = 50kPa + 10kPa/m<sup>2</sup> = SAT + 20kPa/m<sup>2</sup>

JOB TITLE - KINGSCLIFF PUBLIC SCHOOL  
 JOB NO - BR200435  
 DRAWING TITLE - FLOOR PLAN  
 DRAWING NO - SA-11 0100  
 DATE - 21/09/2022  
 DESIGNER - B.R.  
 APPROVER - J.N.  
 FOR CONSTRUCTION



BUILDING 4 - LOWER GROUND FLOOR

FOR CONSTRUCTION

Richard Crookes Constructions  
 NSW Education  
 MIE  
 THE KINGSCLIFF PUBLIC SCHOOL  
 ACOR Consultants (Qld) Pty Ltd  
 Level 4 - 211 Pitt Street  
 South Brisbane QLD 4101  
 T +61 7 3400 0000  
 BR200435 KPS-S-4-01.00





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 www.acor.com.au

SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection: 25.11.2022		Start Time: 8:30 am
Inspection by: Richard Smith		Finish Time: 9:15 am
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-022	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BID 4 PART FOOTINGS/BID 3/4 COLUMNS		
Drawing Reference: KPS-S-302-00 / KPS-S-4-01-00		

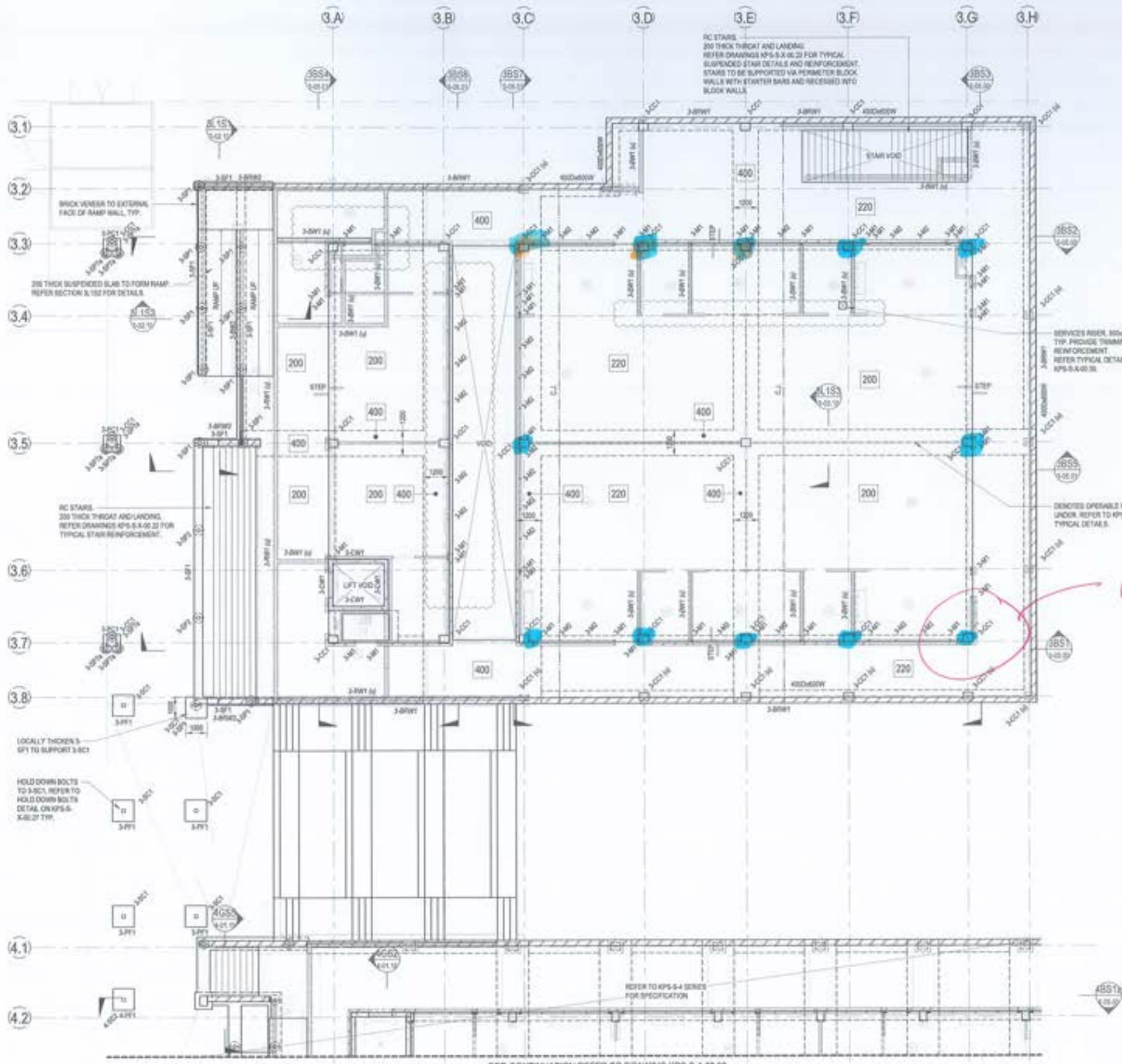
Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENSIVE REFER ATTACHED MARK-UP

1.	
2.	* ENSURE CORRECT CORNER BARS
3.	AS PER SCHEDULE
4.	* ENSURE CORRECT LAPPED BARS
5.	IN NUMBER AND LENGTH AT
6.	POUR BREAK
7.	* ENSURE CORRECT COVER -
8.	SOME TRENCHES HAVE COLLAPSED.
9.	* ENSURE CORRECT COLUMN COVER
10.	
11.	WHEN ABOVE COMPLETE OK TO POUR

Inspecting Engineer Signature:

Site Manager Signature:



### BUILDING 3 - STEEL COLUMN SCHEDULE

MARK	SIZE	COMMENTS
3-01	400x400x13	
3-02	300x300x10	
3-03	200x200x8	

### BUILDING 3 - LEVEL 1 FRAMING SCHEDULE

MARK	SIZE	COMMENTS
3-01	200x200	
3-02	200x200	
3-03	200x200	
3-04	200x200	
3-05	200x200	
3-06	200x200	
3-07	200x200	
3-08	200x200	
3-09	200x200	
3-10	200x200	
3-11	200x200	
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3-97	200x200	
3-98	200x200	
3-99	200x200	
3-100	200x200	

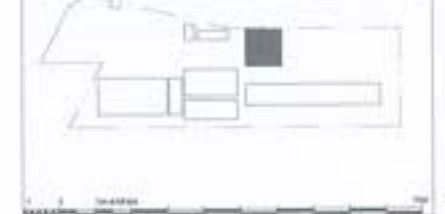
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This drawing has been designed or modified under the supervision of a registered structural engineer as shown by:

No.	Description	Date	Drawn	Approved
1	ISSUE TO CLIENT	20/08/21	MP	RT
2	ISSUE TO CLIENT	20/08/21	MP	RT
3	ISSUE TO CLIENT	20/08/21	MP	RT
4	ISSUE TO CLIENT	20/08/21	MP	RT
5	ISSUE TO CLIENT	20/08/21	MP	RT
6	ISSUE TO CLIENT	20/08/21	MP	RT
7	ISSUE TO CLIENT	20/08/21	MP	RT
8	ISSUE TO CLIENT	20/08/21	MP	RT
9	ISSUE TO CLIENT	20/08/21	MP	RT
10	ISSUE TO CLIENT	20/08/21	MP	RT

- ### LEGEND
- 200 200 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 220 220 THICK SUSPENDED SLAB. REFER REINFORCEMENT PLANS.
  - 400 400 THICK SUSPENDED BEAM. REFER REINFORCEMENT PLANS.
  - DELETED SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR R.L.
  - CJ DELETED CONSTRUCTION JOINT. REFER TO KPS-S-4-02.00 FOR DETAIL.

- ### NOTES:
- REFER TO DRAWINGS KPS-S-4-01.01, KPS-S-4-01.02 AND KPS-S-4-01.03 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-4-01.07 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS, FILLS, SETTINGS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.A.G.
  - UNLESS NOTED OTHERWISE ALL WEIR AREA SETTINGS ARE TO BE WITH SINKING.
  - NON STRUCTURAL RAMPS AND ROOFS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 200g POLYETHYLENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-4-01.01 FOR SCHEDULE AND FILE CAP SCHEDULE.
  - NOTE: REFER TO KPS-S-4-01.01 FOR WALL AND CONCRETE COLUMN SCHEDULES.



*Level 1 columns inspected 25/11/22*

**BUILDING 3 - LEVEL 1 PLAN**  
SCALE: 1:100

FOR CONTINUATION REFER TO DRAWING KPS-S-4-02.00

STRUCTURAL DRAWINGS HAVE BEEN DESIGNED USING THE ARCHITECTURAL DRAWINGS ISSUED ON THE 11/06/2021

**FOR CONSTRUCTION**

**RICHARD CROOKES CONSTRUCTIONS**  
NSW Education School Infrastructure

**BIM**

**KINGSCLIFF PUBLIC SCHOOL**  
12 ORIENT STREET, KINGSCLIFF, NSW 2487

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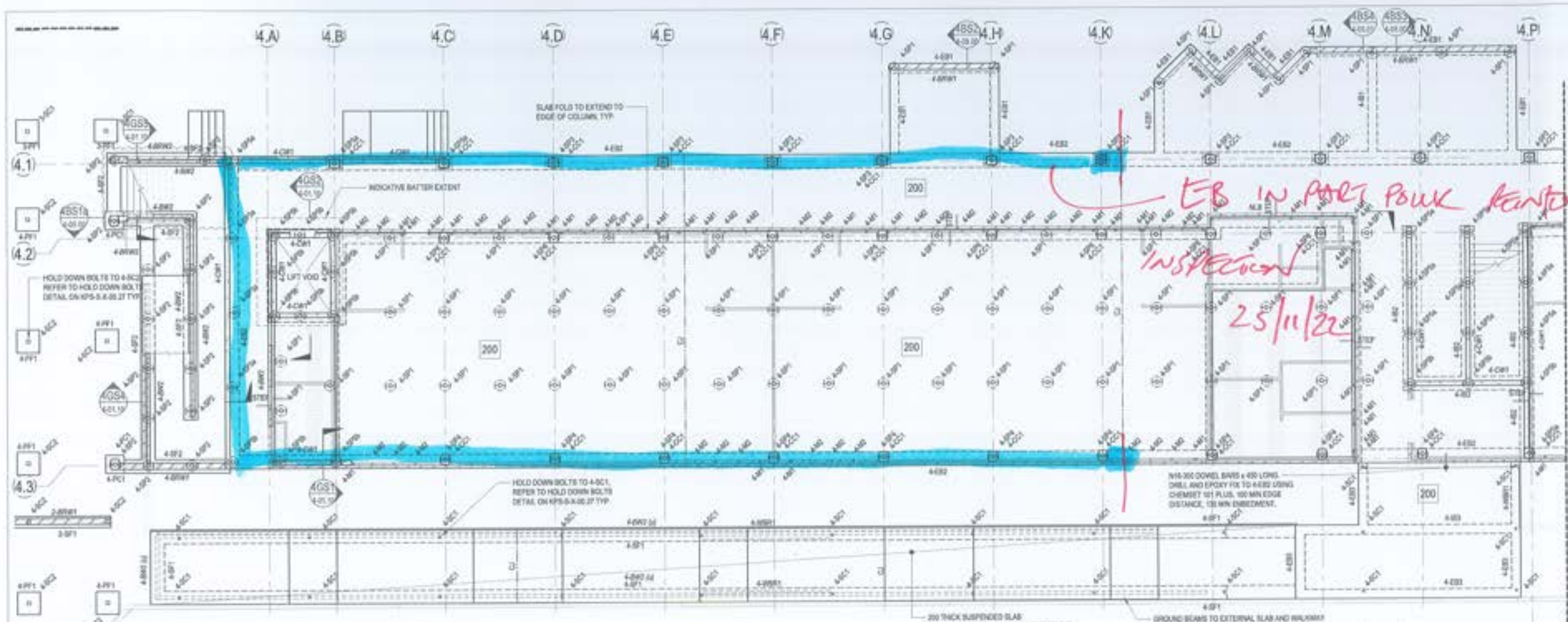
CONSULTANTS

ENGINEERS/ARCHITECTS/INFRASTRUCTURE PLANNERS/DEVELOPMENT CONSULTANTS

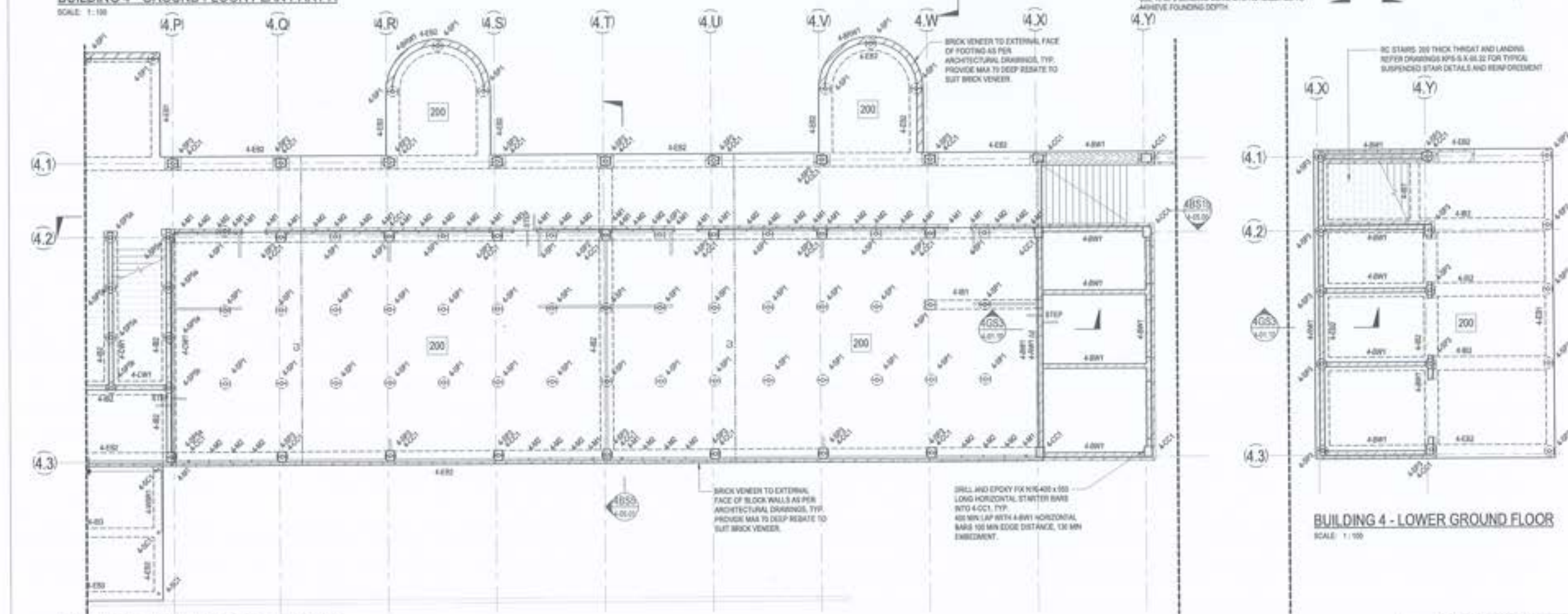
Drawn by: **STRUCTURAL BUILDING 3 - LEVEL 1 PLAN**

Drawn	Date	Scale	Sheet	Of	Sheet	Date
RT	AUG 2021	1:100	CR	29	30	29.06.2021
Engineer	Project No.	Draw No.	Sheet			
MP	BR200435	KPS-S-3-02.00	1			





**BUILDING 4 - GROUND FLOOR PLAN PART A**  
SCALE: 1:100



**BUILDING 4 - GROUND FLOOR PLAN PART B**  
SCALE: 1:100

**BUILDING 4 - LOWER GROUND FLOOR**  
SCALE: 1:100

FOR CONSTRUCTION

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This drawing has been designed in accordance with the following standards and approved by:

Rev	Description	Date	Prepared	Approved
1	ISSUE FOR PERMIT	20/08/21	CR	CR
2	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
3	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
4	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
5	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
6	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
7	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
8	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
9	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
10	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
11	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
12	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
13	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
14	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
15	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
16	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
17	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
18	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
19	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
20	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
21	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
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23	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
24	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
25	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
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48	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
49	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR
50	ISSUE FOR CONSTRUCTION	20/08/21	CR	CR

- LEGEND**
- 200 DENOTES 200 THICK SUSPENDED SLAB WITH 2 LAYERS SLAB MESH BOTTOM & EXTEND MESH MIN 150mm INTO EDGE BEAM. SLAB MESH TOP. DO NOT LAP TOP MESH OVER SCREW FILE. ADDITIONAL 100-100 x 100 LONG EACH WAY TOP OVER INTERNAL SCREW FILE.
  - Denotes slab step. REFER TO ARCHITECTS DRAWINGS FOR ALL.
  - Denotes construction joint. REFER DETAIL ON KPS-S-4-01-20.
  - Denotes wet area setdown. REFER TO ARCHITECTS DRAWINGS FOR ALL.

- NOTES:**
- REFER TO DRAWINGS KPS-S-4-001, KPS-S-4-011 AND KPS-S-4-012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-4-012 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL COACHING SETOUT INFORMATION.
  - ALL STEPS, FALLS, SETDOWNS & WET/SURFROOFING ARE TO ARCHITECTS DETAILS UNLESS NOTED OTHERWISE.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 30mm MAX.
  - NON STRUCTURAL RAMPS AND HOLES ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAID OVER 300mm POLYETHYLENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-4-01-01 FOR ADDITIONAL GROUND FLOOR NOTES.



**RICHARD CROOKES CONSTRUCTIONS**  
NSW Education School Infrastructure

**BIM**

**KINGSCLIFF PUBLIC SCHOOL**  
12 ORENT STREET, KINGSCLIFF, NSW 2487

**ACOR CONSULTANTS**  
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South Brisbane QLD 4101  
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Structural Engineer  
Building 4 - Ground Floor Plan

Drawn	RT	Date	AUG 2021	Scale	1:100	Rev	CR	Date	28.08.2021
Project No.	BR200435	Client	KPS-S-4-01.00	Sheet	7				





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**SITE INSPECTION REPORT**

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection:		Start Time: 3:pm
Inspection by: Richard Smith		Finish Time: 3:30 pm
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-023	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BUILDING 4 GROUND FLOOR SLAB - IN PART		
Drawing Reference: KPS-S4-01-00		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

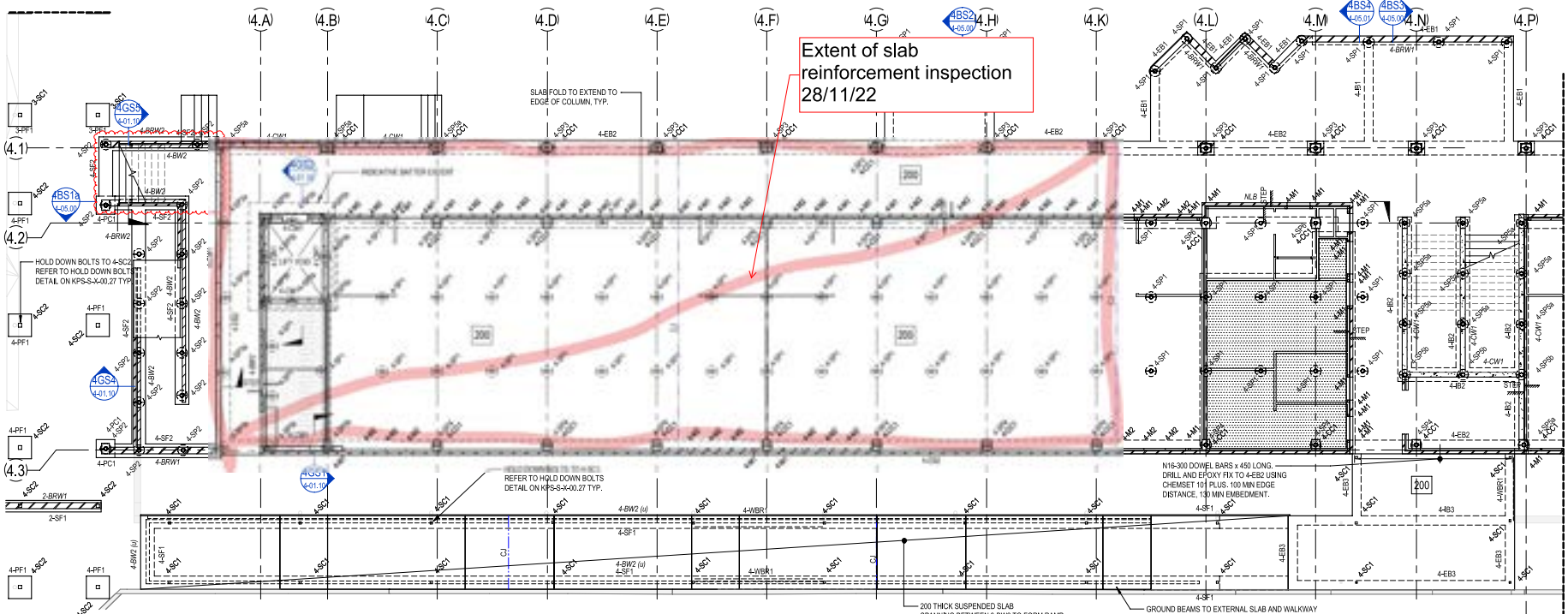
EXTENSIVE REFER ATTACHED MARK-UP

1.
2. X ENSURE CORRECT COVER TO
3. REINFORCEMENT. THEN OK
4. TO PANEL
5.
6.
7.
8.
9.
10.
11.

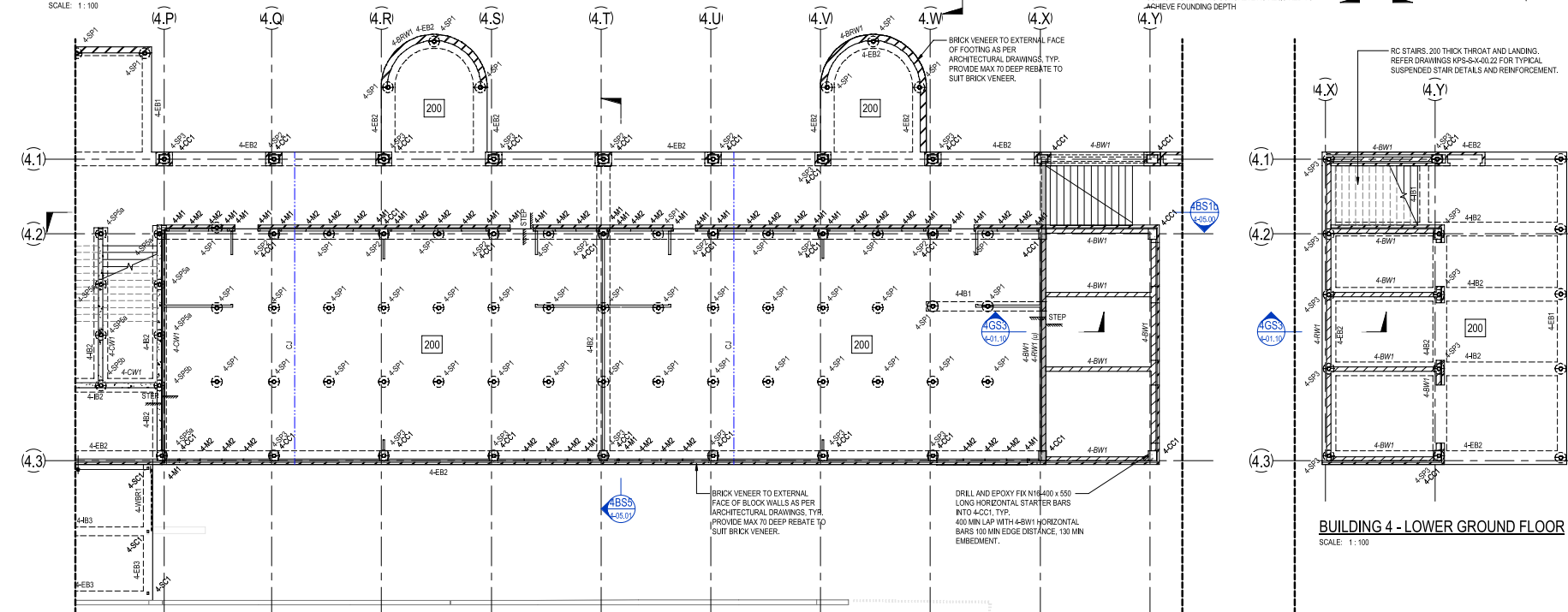
Inspecting Engineer Signature:

Site Manager Signature:





**BUILDING 4 - GROUND FLOOR PLAN PART A**  
SCALE: 1:100



**BUILDING 4 - GROUND FLOOR PLAN PART B**  
SCALE: 1:100

FOR CONSTRUCTION

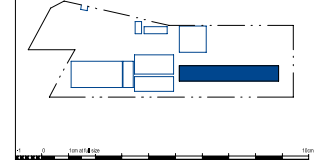
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This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: CR

Issue	Description	Date	Drawn	Approved
A	SPN 2D ISSUE	02/03/2021	RT	JN
B	2D/3D ISSUE	23/06/2021	RT	MP
C	10/NOV ISSUE	11/06/2021	RT	MP
1	CONSTRUCTION ISSUE	02/07/2021	RT	MP
2	REVISED CONSTRUCTION	26/07/2021	RT	MP
3	REVISED CONSTRUCTION	05/08/2021	RT	MP
4	REVISED CONSTRUCTION	24/09/2021	RT	MP
5	REVISED CONSTRUCTION	22/11/2021	RT	MP
6	REVISED CONSTRUCTION	10/02/2022	BR	BR
7	CHANGES AS CLOUDED	09/09/2022	BR	BR

- LEGEND**
- 200** DENOTES 200 THICK SUSPENDED SLAB. 2 LAYERS S12 MESH BOT/OM. EXTEND MESH MIN 150mm INTO EDGE BEAM. SL102 MESH TOP. DO NOT LAP TOP MESH OVER SCREW PILE. ADDITIONAL N12-300 x 1500 LONG EACH WAY TOP OVER INTERNAL SCREW PILE.
  - DENOTES SLAB STEP. REFER TO ARCHITECTS DRAWINGS FOR RL'S.
  - CJ** DENOTES CONSTRUCTION JOINT. REFER DETAIL ON KPS-S-00.29
  - DENOTES WET AREA SETDOWN. REFER TO ARCHITECTS DRAWINGS FOR RL'S.

- NOTES:**
- REFER TO DRAWINGS KPS-S-X-010, KPS-S-X-011 AND KPS-S-X-012 FOR ALL STRUCTURAL GENERAL NOTES.
  - REFER DRAWING KPS-S-X-027 FOR TYPICAL OPERABLE WALL HEADER DETAILS. REFER ARCHITECTURAL DRAWINGS FOR SETOUT. SECONDARY STEEL NOT SHOWN ON STRUCTURAL PLANS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL CONCRETE SETOUT INFORMATION.
  - ALL STEPS FALLS, SETDOWNS & WATERPROOFING ARE TO ARCHITECTS DETAILS U.N.O.
  - UNLESS NOTED OTHERWISE ALL WET AREA SETDOWNS ARE TO BE 50mm MAX.
  - NON STRUCTURAL RAMPS AND HOBS ARE NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATIONS.
  - ALL SLABS ON GROUND TO BE LAB OVER 200µ POLYTHENE MEMBRANE OVER 50mm BEDDING SAND.
  - REFER TO KPS-S-01.01 FOR ADDITIONAL GROUND FLOOR NOTES.
- NOTE:** REFER TO KPS-S-01.01 FOR GROUND FLOOR SCHEDULES.



Unit

**RICHARD CROOKES CONSTRUCTIONS**

**NSW Education** School Infrastructure

Architect

**B M**

Project  
**KINGSCLIFF PUBLIC SCHOOL**

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ENGINEERS|MANAGERS|INFRASTRUCTURE PLANNERS|DEVELOPMENT CONSULTANTS

Drawing Title  
**STRUCTURAL BUILDING 4 - GROUND FLOOR PLAN**

Drawn	Date	Scale	A1	QA Check	Date
RT	AUG 2021	1:100	CR		29.06.2021

Designed	Project No.	Draw No.	Issue
MP	BR200435	KPS-S-4-01.00	7



SITE INSPECTION REPORT

Project: Kingscliff Public School		Contractor: RCC
Date of Inspection:		Start Time: 10: AM
Inspection by: Richard Smith		Finish Time: 10:30 AM
ACOR Project No: BR200435		Weather: FINE
Inspection Report No: KPS-025	No. Pages:	Site Manager Name: Brad Perske
Works Inspected: BUILDING 3 - STAIRS/SLAB • BUILDING 4 COLUMNS		
Drawing Reference: KPS-S-3-00-22 / KPS-S-4-01-00		

Engineered (engaged by ACOR Consultants) were invited to site to undertake an inspection to examine the lift pit reinforcement to Building 4, to check for congruence with the latest issued For Construction documentation and any issued site advices. Please refer to the accompanying Comment Plan for the scope of the areas inspected. The works were found to be generally in accordance with the structural documentation, with the exception of the following outstanding items and comments:

EXTENT REFER MARK UP.

1.	* INCORRECT STAIR THROAT DEPTH
2.	DOO NEEDED.
3.	* INCORRECT COVER OF TOP REINFORCEMENT
4.	TO STAIR TREAD - RISER INTERSECTIONS
5.	* TOP LANDING SLAB REINFORCEMENT
6.	- SOME NOT DEVELOPED INTO SLAB -
7.	REFER MARK UP.
8.	
9.	* ENSURE BUILDING 4 COLUMNS MAINTAIN
10.	CORRECT COVER -> OK TO POUR
11.	

\* REDUCE HEIGHT OF SOME SECTIONS OF STAIR BLOCK WORK AS IT GO HIGH INTO STAIR

Inspecting Engineer Signature:

SLAB.

\* ADD LOWES - AS PER ACOR'S REQUEST

Site Manager Signature:

REINSPECTION REQUIRED PRIOR TO POUR



