Attachment B

SITE

1 SITE PLAN
1 : 500

2 STONE SIGNAGE WALL ELEVATION
1 : 100

COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

BUILDING / GRID SETOUT

REFER DRAWING S-A070 FOR BUILDING / GRID SITE SETOUT

EXISTING SCHOOL

LOT 1
DP 1029853

LEVELS NOTE

REFER TO CIVIL DRAWINGS FOR ALL SITE LEVELS

LANDSCAPING NOTE

REFER LANDSCAPE DRAWINGS FOR ALL LANDSCAPING

BUILDING AND COVERED ROOF AREAS

BUILDING AREAS

LIBRARY	751.6 m²
ADMIN	527.3 m²
CANTEEN	216.8 m²
JUNIOR STAGE 1	1041.1 m²
JUNIOR STAGE 2	1040.6 m²
MIDDLE SCHOOL 1	680.7 m²
MIDDLE SCHOOL 2	604.8 m²
MIDDLE SCHOOL 3	604.8 m²
SPECIAL ED	508.9 m²
PUMP HOUSE	70.0 m²

MAJOR COVERED AREAS

LIBRARY COLA	250 m²
SPECIAL ED SAFE PLAY	226 m²
COLA 1	1014 m²
COVERED ENTRY	405 m²
COVERED WAITING	150 m²
LINK HUB 1	136 m²
LINK HUB 2	129 m²
COVERED DROP OFF AREA	111 m²

0 2 5 10 25 50

DA ISSUE

rev	date	details	initials	checked
2	06/09/22	PARKING AND PATHS UPDATED; PUMP HOUSE UPDATED; ACCESSIBLE PARKING TO CARPARK ONLY - NOT SERVICE BAY	WA	AB
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\DA-20033-SITE.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-I	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

DRA ARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	As indicated	@A1
drawn	WA	
checked	WA	06/09/22
verified	AB	06/09/22
approved	AB	06/09/22
total number of sheets	No	

plotted 6/09/2022 4:06:46 PM

N
true north

drawing
S-OVERALL SITE PLAN

project number **20033** drawing number **DA-S-A050** revision **2**

1 SITE PLAN STAGE 1
1 : 500

BUILDING / GRID SETOUT

REFER DRAWING S-A070 FOR BUILDING / GRID SITE SETOUT

EXISTING SCHOOL

LOT 1
DP 1029853

LEVELS NOTE

REFER TO CIVIL DRAWINGS FOR ALL SITE LEVELS

LANDSCAPING NOTE

REFER LANDSCAPE DRAWINGS FOR ALL LANDSCAPING

BUILDING AND COVERED AREAS STAGE 1

BUILDING AREAS

LIBRARY	731.7 m²
ADMIN	527.3 m²
CANTEEN	216.8 m²
MIDDLE 1	680.7 m²
PUMP HOUSE	70.0 m²

MAJOR COVERED AREAS

LIBRARY COLA	250 m²
COLA	1014 m²
COVERED ENTRY	405 m²
COVERED WAITING	150 m²
LINK HUB 1	136 m²
LINK HUB 2	129 m²

DA ISSUE

rev	date	details	initials	checked
2	06/09/22	PARKING AND PATHS UPDATED, PUMP HOUSE UPDATED, ACCESSIBLE PARKING TO CARPARK ONLY - NOT SERVICE BAY, RETAINING WALL ADDED	WA	AB
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-i	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

DRA ARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 500	@A1
drawn	WA	
checked	WA	06/09/22
verified	AB	06/09/22
approved	AB	06/09/22
total number of sheets	No	

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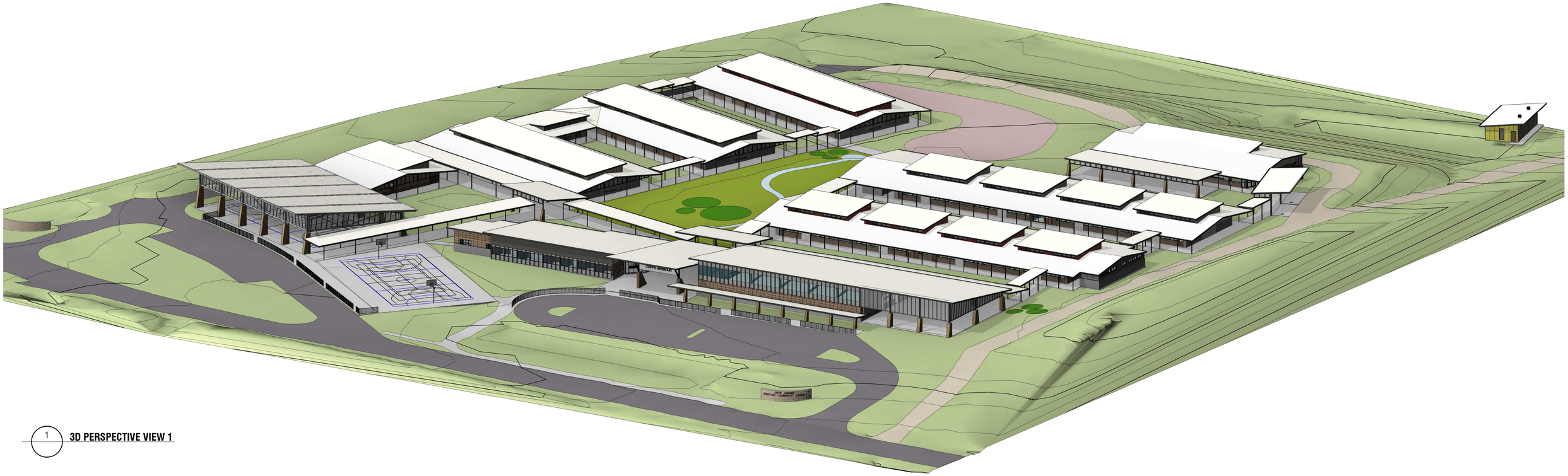
drawing
S-SITE PLAN STAGE 1

project number 20033 | drawing number DA-S-A051 | revision 2



1 **3D PERSPECTIVE VIEW 1**

2 **3D PERSPECTIVE VIEW 2**

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE
CB	CONCRETE BLOCK
CBR	CONCRETE BLOCK RENDERED
CBS	CONCRETE BLOCK STACK BOND
CC	CONCRETE COLUMN
CFC	COMPRESSED FIBRE CEMENT
COL	COLUMN
CRS	COLORBOND ROOF SHEETING
DP	DOWNPIPE
FB	FACE BRICKWORK
FBS	FACE BRICK STACK BOND
FR	FRONTEK CLADDING
HR	HANDRAIL
PBD	PLASTERBOARD
PBD-W	PLASTERBOARD WET AREA GRADE
SC	STEEL COLUMN
SW PIT	STORMWATER PIT
V1	VINYL SHEET TYPE 1
V2	VINYL SHEET TYPE 2
VMC	VERTICAL METAL CLADDING
VP	VITRAPANEL CLADDING

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Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

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project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale		@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets		No

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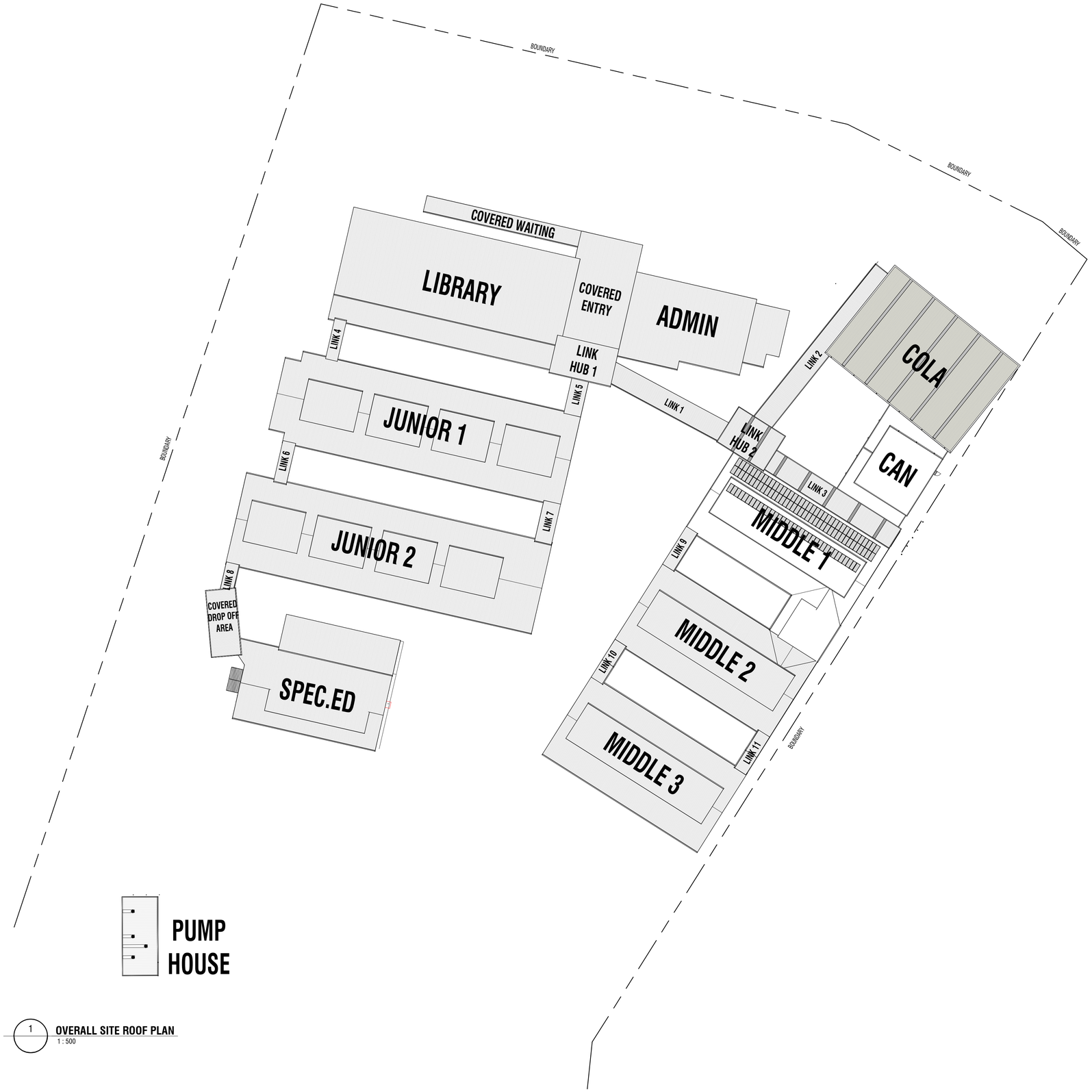
drawing
SITE PERSPECTIVE VIEWS 1 AND 2

project number	drawing number	revision
20033	S-A052	1



1 **OVERALL SITE ROOF PLAN**
1 : 500

ROOF NOTE
REFER ROOF PLANS PER BUILDING FOR DETAILED PLANS

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-i	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

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NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	As indicated	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

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true north

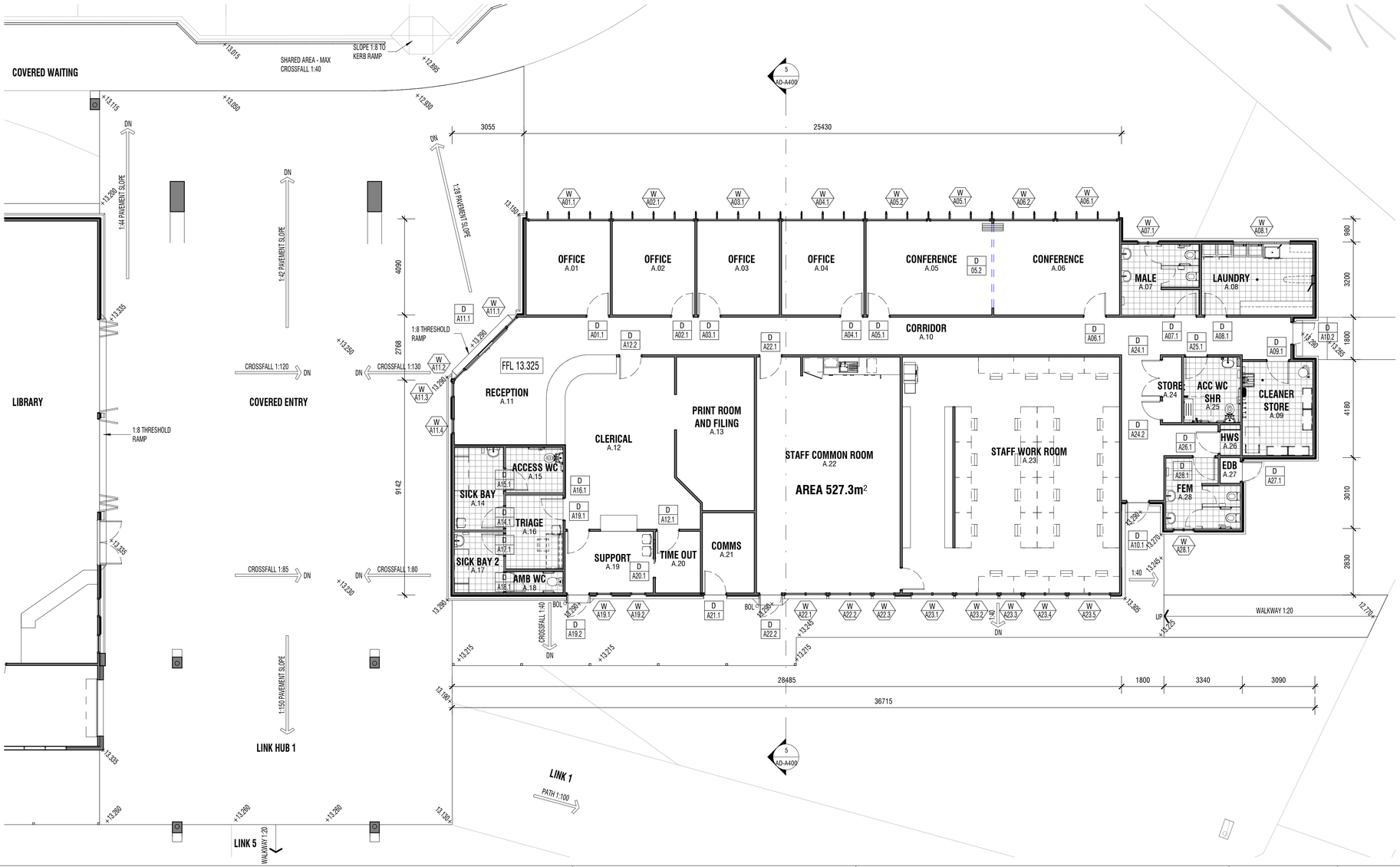
drawing
OVERALL SITE ROOF PLAN

project number	drawing number	revision
20033	DA-S-A150	1

NORTH ELEVATION PERSPECTIVE VIEW

ROOM AREAS ADMINISTRATION

ROOM NAME	NO.	AREA
OFFICE	A.01	14.4 m²
OFFICE	A.02	14.2 m²
OFFICE	A.03	14.2 m²
OFFICE	A.04	14.2 m²
CONFERENCE	A.05	21.6 m²
CONFERENCE	A.06	21.6 m²
MALE	A.07	9.7 m²
LAUNDRY	A.08	14.3 m²
CLEANER STORE	A.09	12.0 m²
CORRIDOR	A.10	56.4 m²
RECEPTION	A.11	26.7 m²
CLERICAL	A.12	38.2 m²
PRINT ROOM AND FILING	A.13	21.0 m²
SICK BAY	A.14	7.3 m²
ACCESS WC	A.15	4.4 m²
TRIAGE	A.16	7.6 m²
SICK BAY 2	A.17	5.3 m²
AMB WC	A.18	2.2 m²
SUPPORT	A.19	9.8 m²
TIME OUT	A.20	5.0 m²
COMMS	A.21	7.5 m²
STAFF COMMON ROOM	A.22	61.3 m²
STAFF WORK ROOM	A.23	92.2 m²
STORE	A.24	2.3 m²
ACC WC SHR	A.25	6.6 m²
HWS	A.26	0.9 m²
EDB	A.27	0.9 m²
FEM	A.28	8.2 m²



DA ISSUE

rev	date	details	initials	checked
1	18/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED		

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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ABN 12 096 929 387

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COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

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checked	WA	18/06/21
verified	AB	18/06/21
approved	AB	18/06/21
total number of sheets	No	

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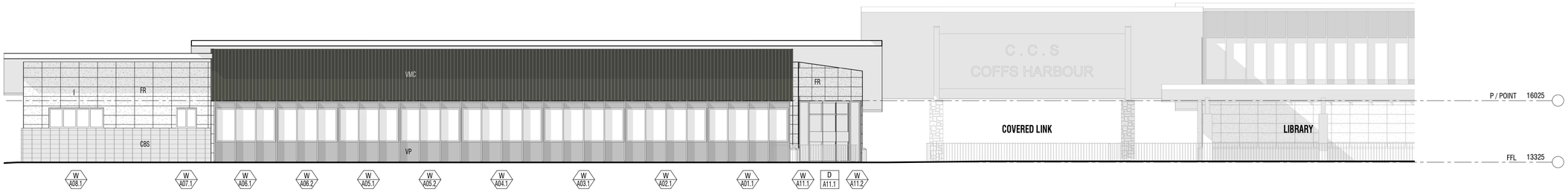
drawing
ADMINISTRATION PLAN AND PERSPECTIVE VIEW

project number	drawing number	revision
20033	AD-A100	1



1 **NORTH ELEVATION**
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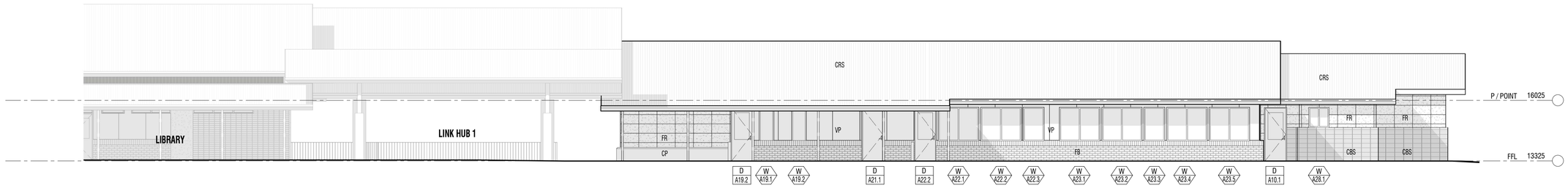

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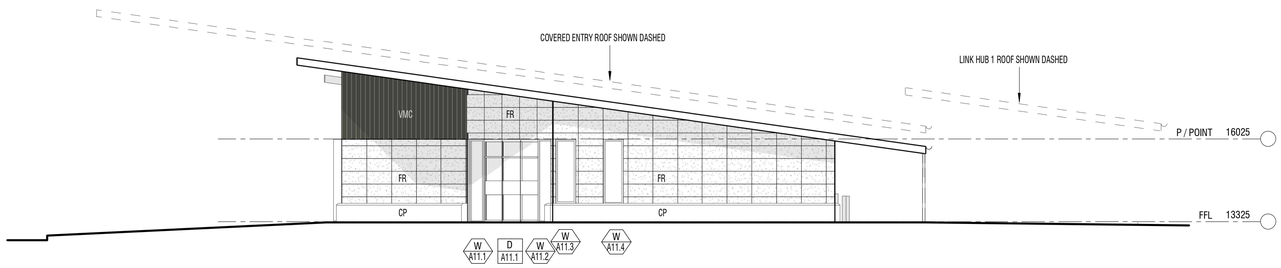

3 **WEST ELEVATION**
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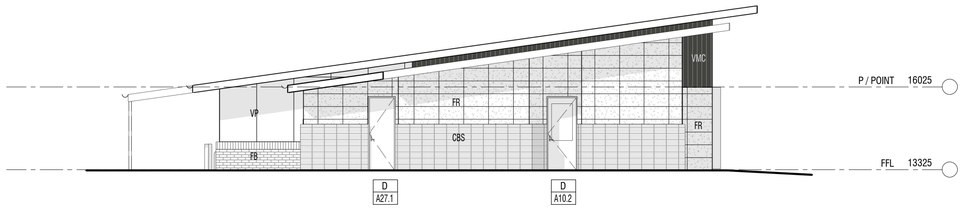

4 X-A150 **EAST ELEVATION**
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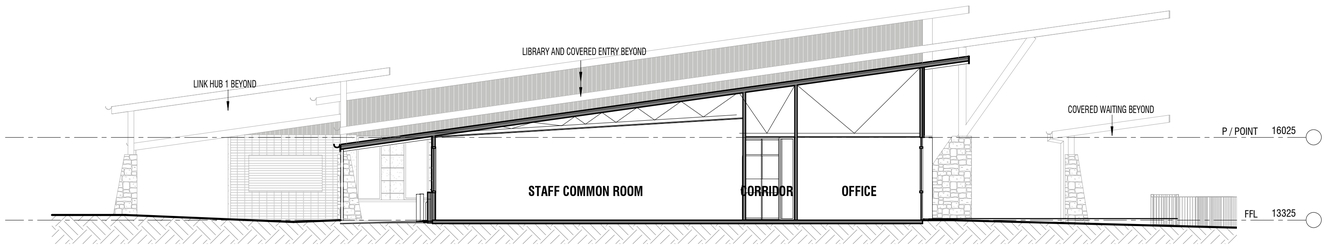

5 AD-A100 **SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	18/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED		

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	VP	VITRAPANEL CLADDING
CB	CONCRETE BLOCK	FC	FIBRE CEMENT		
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND		
CBS	CONCRETE BLOCK STACK BOND	FR	FRONTEK CERAMIC CLADDING		
CC	CONCRETE COLUMN	HR	HANDRAIL		
CFC	COMPRESSED FIBRE CEMENT	PBD	PLASTERBOARD		
COL	COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE		
CP	CONCRETE PANEL	SC	STEEL COLUMN		
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT		
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1		
		V2	VINYL SHEET TYPE 2		
		VMC	VERTICAL METAL CLADDING		

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dracoffs@draarchitects.com.au
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ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale 1 : 100	@A1	
drawn WDA		
checked WA	18/06/21	
verified AB	18/06/21	
approved AB	18/06/21	
total number of sheets	No	

plotted 8/07/2021 4:14:42 PM

true north

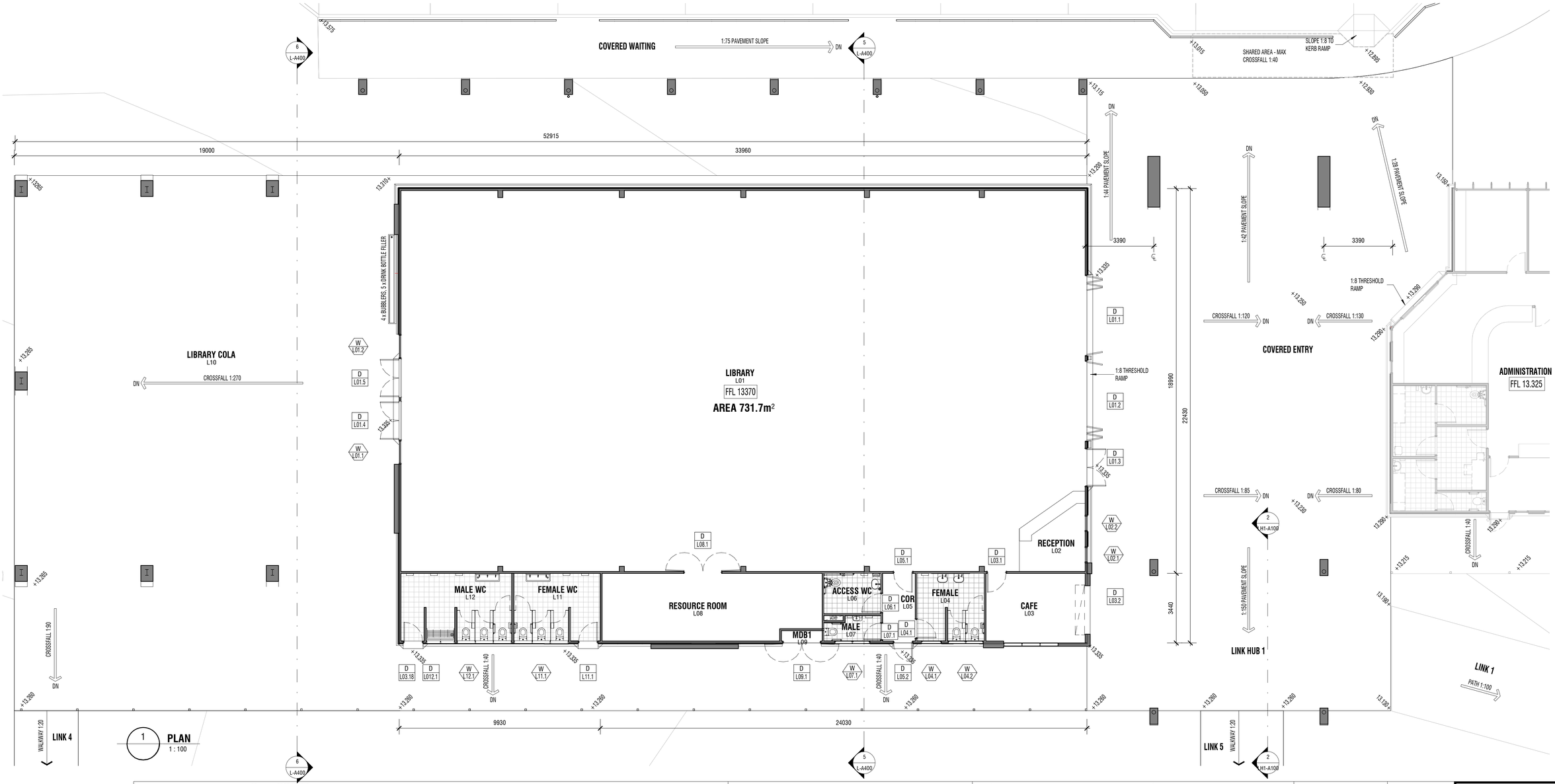
drawing
ADMINISTRATION ELEVATIONS AND SECTION

project number	drawing number	revision
20033	AD-A400	1

NORTH WEST PERSPECTIVE VIEW

ROOM AREAS LIBRARY

ROOM NAME	NO.	AREA
MALE WC	J2.18	Not Placed
LIBRARY	L01	624.3 m²
RECEPTION	L02	10.4 m²
CAFE	L03	16.4 m²
FEMALE	L04	10.8 m²
COR	L05	5.4 m²
ACCESS WC	L06	5.5 m²
MALE	L07	3.1 m²
RESOURCE ROOM	L08	35.1 m²
MDB1	L09	1.0 m²
LIBRARY COLA	L10	487.8 m²
FEMALE WC	L11	14.0 m²
MALE WC	L12	17.9 m²



1 PLAN
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE, CONTROLLED, CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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Warren Steele NSW 6526
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ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WDA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

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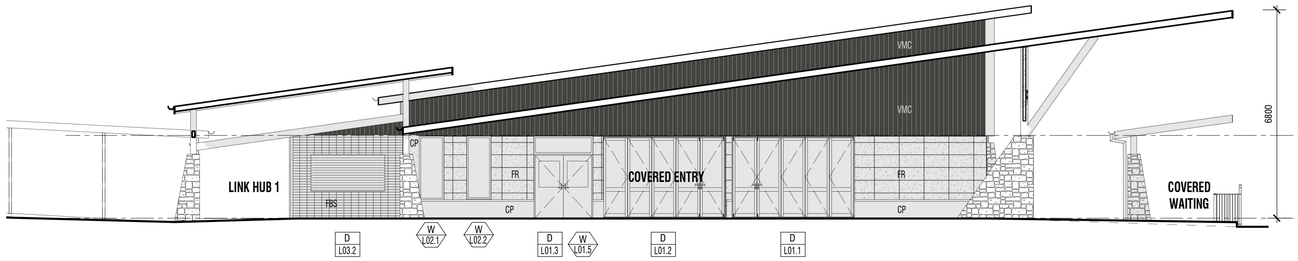
drawing
LIBRARY PLAN AND PERSPECTIVE VIEW

project number **20033** drawing number **L-A100** revision **1**



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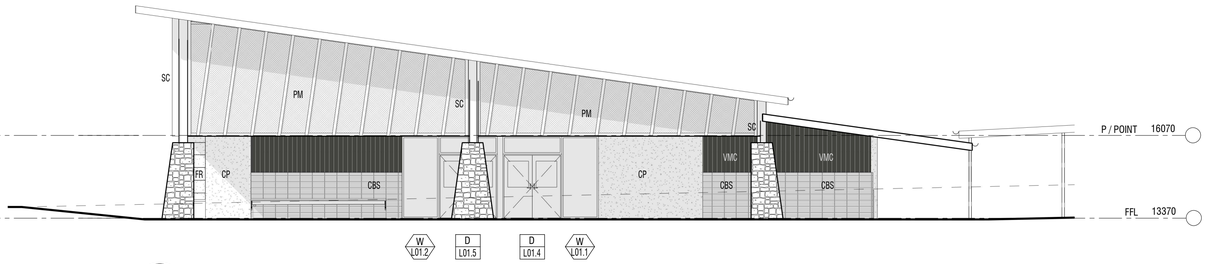
1 : 100



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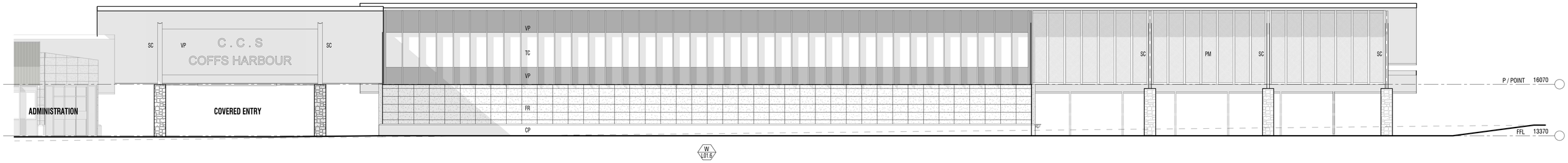
1 : 100



3 **NORTH ELEVATION**
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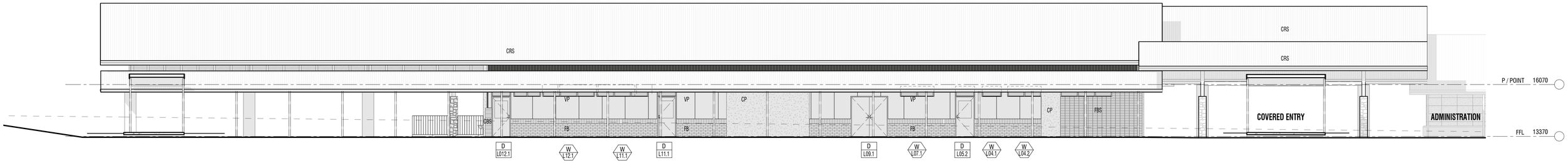

4 **SOUTH ELEVATION**
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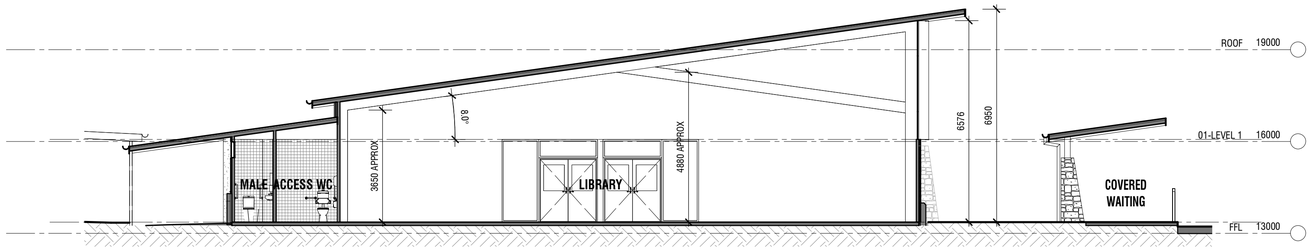
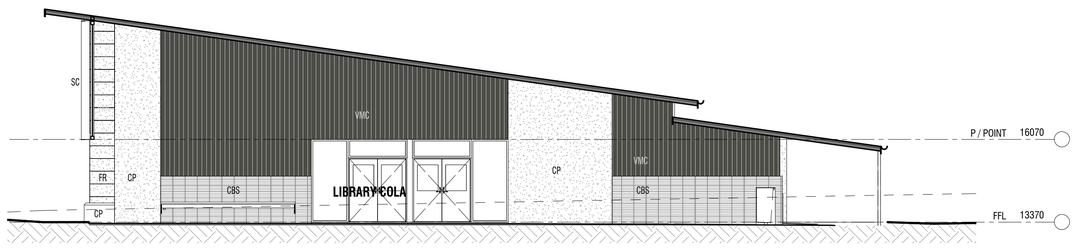


5 **LIBRARY SECTION**
L-A100 1 : 100



6 **LIBRARY COLA SECTION**
L-A100 1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE, CONTROLLED, CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-LIBRARY.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	VP	VITRAPANEL CLADDING
CB	CONCRETE BLOCK	FC	FIBRE CEMENT		
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND		
CBS	CONCRETE BLOCK STACK BOND	FR	FRONTEK CERAMIC CLADDING		
CC	CONCRETE COLUMN	HR	HANDRAIL		
CFC	COMPRESSED FIBRE CEMENT	PBD	PLASTERBOARD		
COL	COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE		
CP	CONCRETE PANEL	SC	STEEL COLUMN		
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT		
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1		
		V2	VINYL SHEET TYPE 2		
		VMC	VERTICAL METAL CLADDING		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

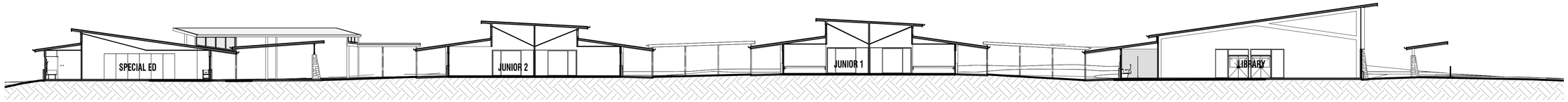
scale	1 : 100	@A1
drawn	WDA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 4:07:40 PM

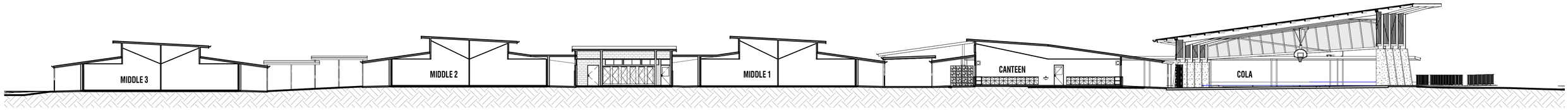
true north

drawing
LIBRARY ELEVATIONS AND SECTIONS

project number	drawing number	revision
20033	L-A400	1

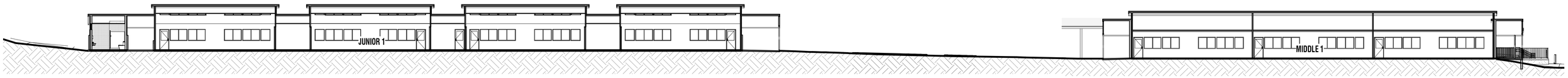


1 S-A050 **SITE SECTION**
1 : 200



2 S-A050 **SITE SECTION**
1 : 200

3 S-A050 **SITE SECTION**
1 : 200



4 S-A050 **SITE SECTION**
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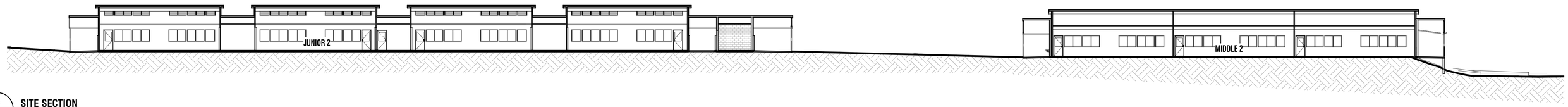

5 S-A050 **SITE SECTION**
1 : 200

6 S-A050 **SITE SECTION**
1 : 200

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FBS	FACE BRICK STACK BOND
CB	CONCRETE BLOCK	FR	FRONTEK CLADDING
CBR	CONCRETE BLOCK RENDERED	HR	HANDRAIL
CBS	CONCRETE BLOCK STACK BOND	PBD	PLASTERBOARD
CC	CONCRETE COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE
CFC	COMPRESSED FIBRE CEMENT	SC	STEEL COLUMN
COL	COLUMN	SW PIT	STORMWATER PIT
CRS	COLORBOND ROOF SHEETING	V1	VINYL SHEET TYPE 1
DP	DOWNPIPE	V2	VINYL SHEET TYPE 2
FB	FACE BRICKWORK	VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
draoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au
ABN 12 096 929 387

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project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 200	@A1
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checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
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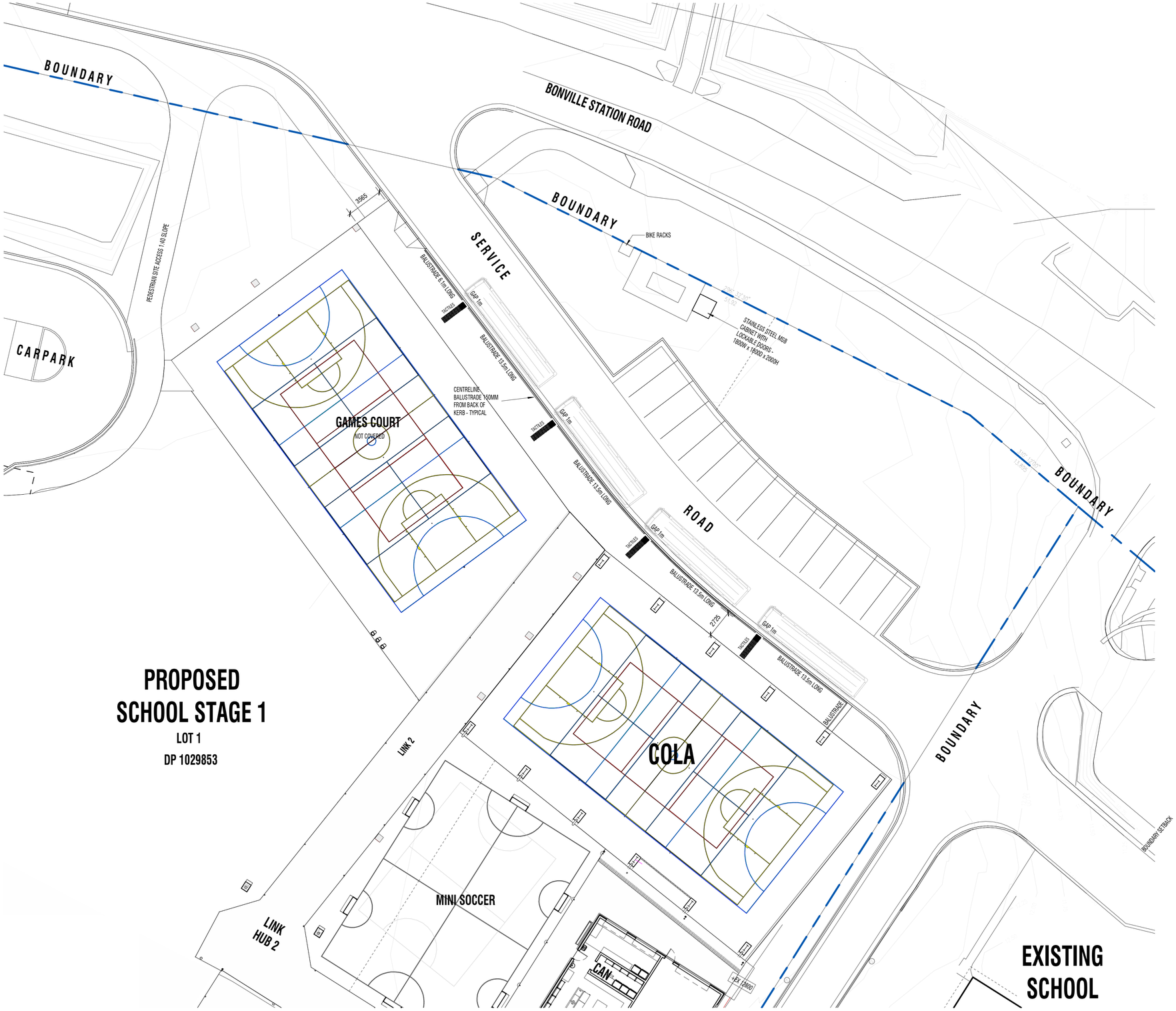
drawing
SITE SECTIONS

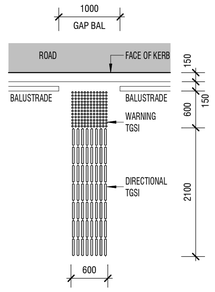
project number **20033** drawing number **S-A400** revision **1**



PROPOSED SCHOOL STAGE 1

LOT 1

DP 1029853



2 **BUS BAY TACTILE PLAN**
1 : 50

1 X-A300 **BUS BAY PLAN**
1 : 200

DA ISSUE

1	06/09/22	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB
rev	date	details	initials	checked

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-i	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	As indicated	@A1
drawn	WA	
checked	-	06/09/22
verified	-	06/09/22
approved	-	06/09/22
total number of sheets	No	

plotted 6/09/2022 4:07:09 PM

N

true north

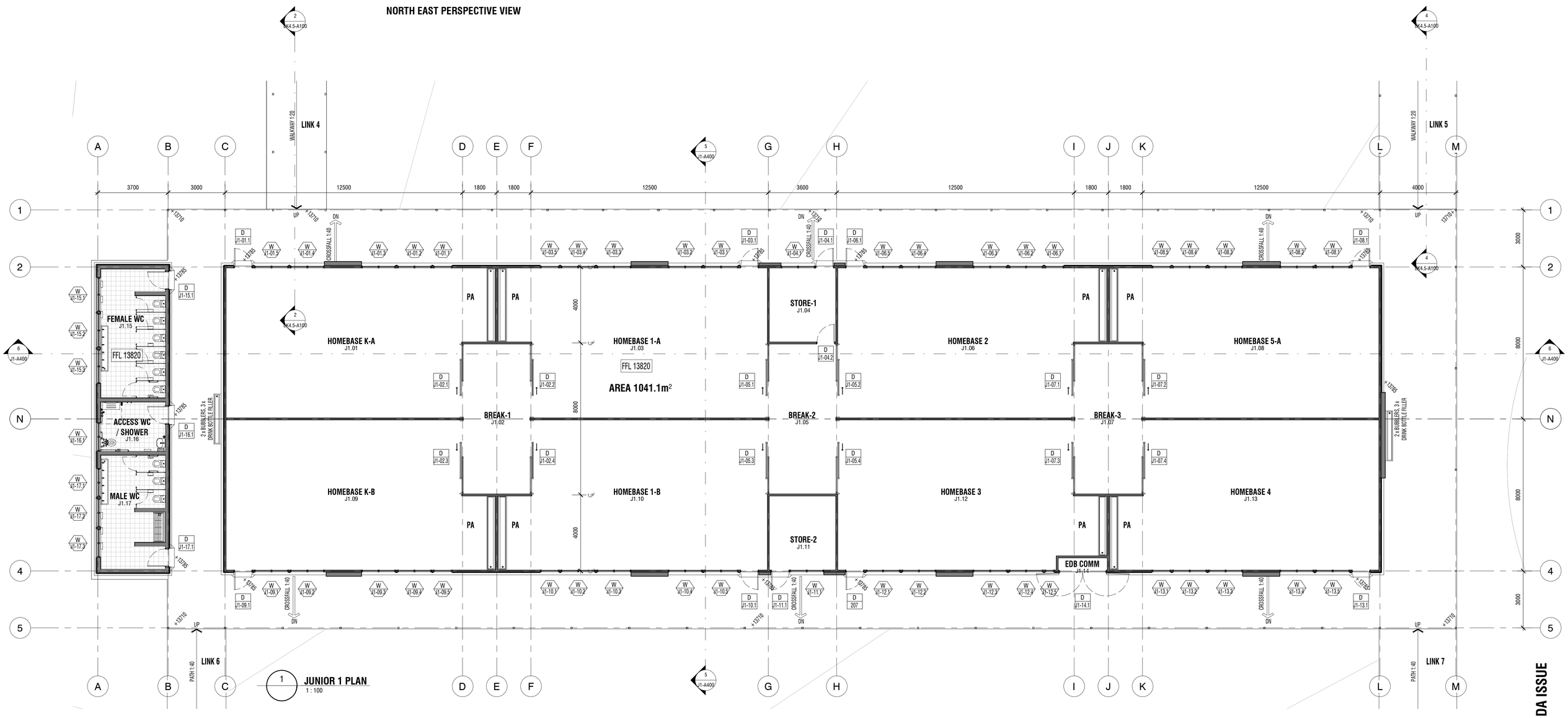
drawing
BUS BAY PLAN

project number **20033** drawing number **DA-S-A054** revision **1**

NORTH EAST PERSPECTIVE VIEW

ROOM AREAS JUNIOR 1

ROOM NAME	NO.	AREA
HOMEBASE K-A	J1.01	105.2 m²
BREAK-1	J1.02	27.8 m²
HOMEBASE 1-A	J1.03	105.2 m²
STORE-1	J1.04	13.7 m²
BREAK-2	J1.05	27.8 m²
HOMEBASE 2	J1.06	105.2 m²
BREAK-3	J1.07	27.8 m²
HOMEBASE 5-A	J1.08	105.2 m²
HOMEBASE K-B	J1.09	105.2 m²
HOMEBASE 1-B	J1.10	105.2 m²
STORE-2	J1.11	13.7 m²
HOMEBASE 3	J1.12	103.2 m²
HOMEBASE 4	J1.13	105.2 m²
EDB COMM	J1.14	1.7 m²
FEMALE WC	J1.15	22.7 m²
ACCESS WC / SHOWER	J1.16	8.8 m²
MALE WC	J1.17	19.6 m²
CORR.	J1.18	Not Placed



1 JUNIOR 1 PLAN
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

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COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

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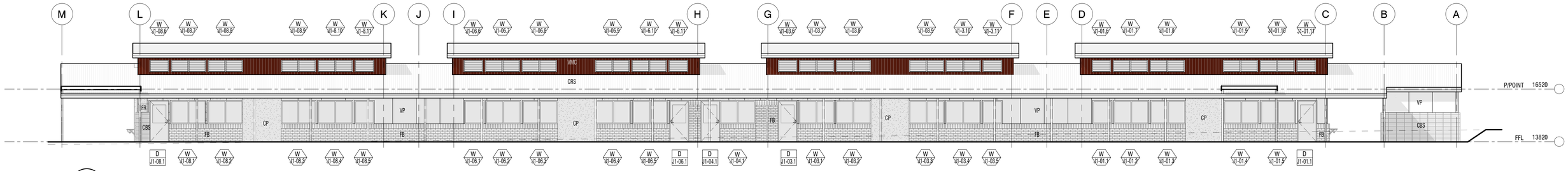
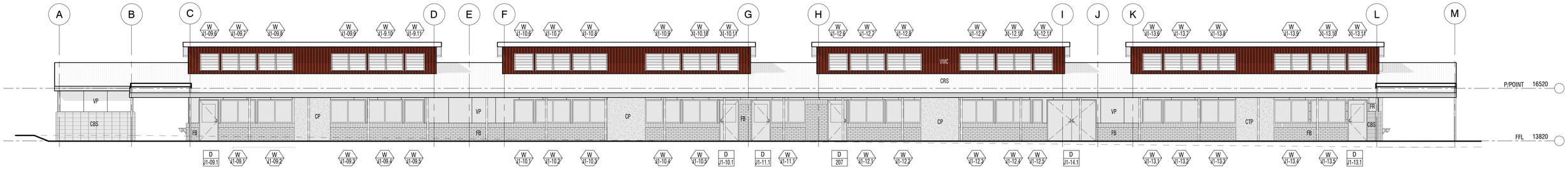
drawing
JUNIOR 1 PLAN AND PERSPECTIVE VIEW

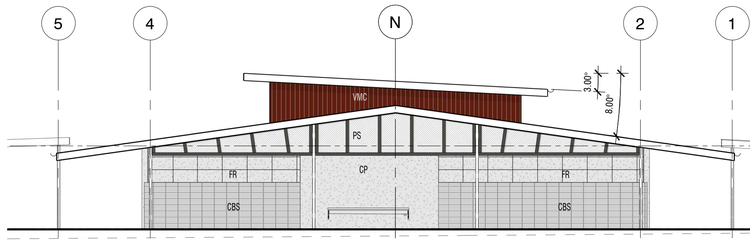
project number	drawing number	revision
20033	J1-A100	1



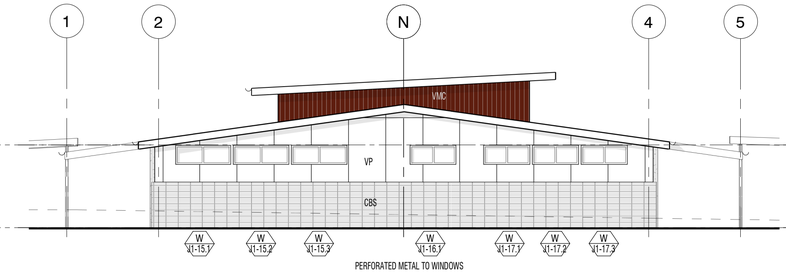
1 **NORTH ELEVATION**
1 : 100



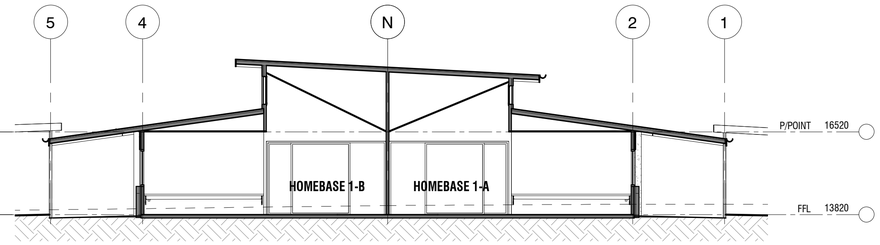
2 **SOUTH ELEVATION**
1 : 100



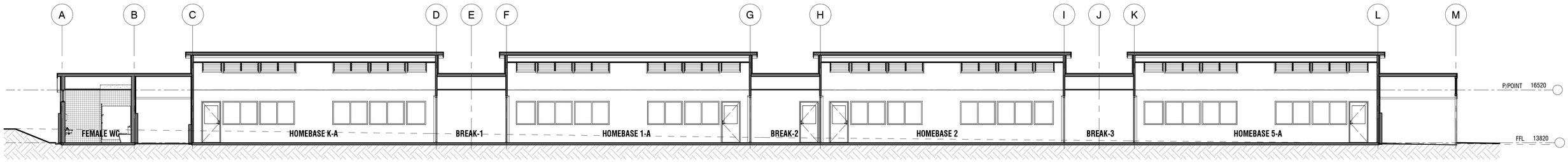
3 **EAST ELEVATION**
1 : 100



4 **WEST ELEVATION**
1 : 100



5 J1-A100 **SECTION**
1 : 100



6 J1-A100 **SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
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CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	VP	VITRAPANEL CLADDING
CB	CONCRETE BLOCK	FC	FIBRE CEMENT		
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND		
CBS	CONCRETE BLOCK STACK BOND	FR	FRONTEK CERAMIC CLADDING		
CC	CONCRETE COLUMN	HR	HANDRAIL		
CFC	COMPRESSED FIBRE CEMENT	PBD	PLASTERBOARD		
COL	COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE		
CP	CONCRETE PANEL	SC	STEEL COLUMN		
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT		
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1		
		V2	VINYL SHEET TYPE 2		
		VMC	VERTICAL METAL CLADDING		

DRAARCHITECTS PTY LTD
Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au
Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au
ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 4:25:46 PM

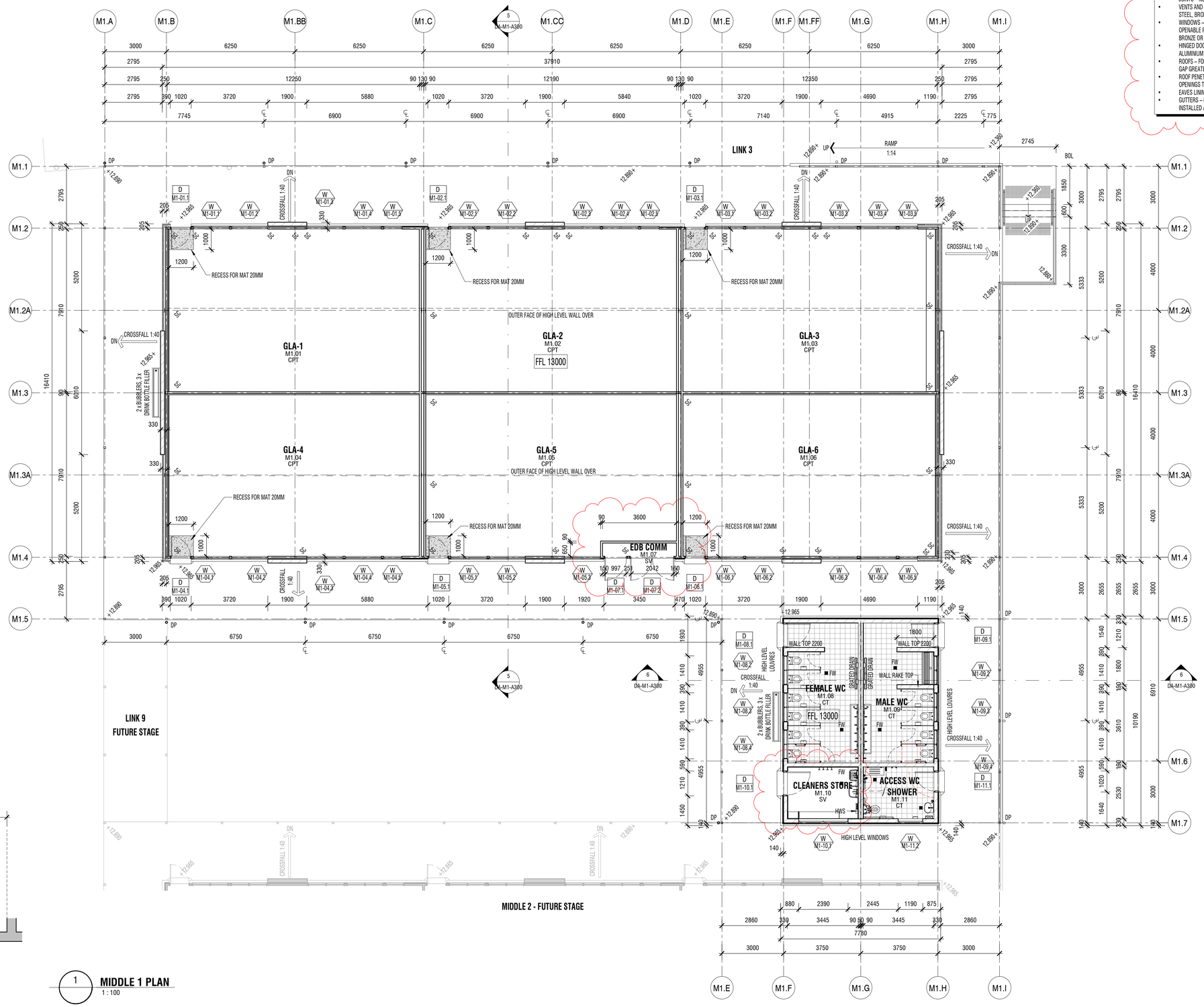
true north

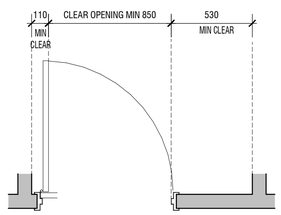
drawing
JUNIOR 1 ELEVATIONS AND SECTIONS

project number **20033** drawing number **J1-A400** revision **1**

BAL 12.5 SUMMARY

- FLOOR – CONCRETE
- WALL – NON COMBUSTIBLE
- JOINTS – NO GAP GREATER THAN 3MM
- VENTS AND WEEPHOLES – COMPLYING MESH (STAINLESS STEEL, BRONZE OR ALUMINIUM)
- WINDOWS – ALUMINIUM FRAME, COMPLYING SCREENS TO OPENABLE PORTIONS TO WINDOWS (STAINLESS STEEL, BRONZE OR ALUMINIUM)
- HINGED DOORS – SOLID CORE LEAF MIN 35MM THICK IN ALUMINIUM FRAME. WEATHER STRIPS TO DOOR
- ROOFS – FOIL BACKED INSULATION OVER BATTEN WITH NO GAP GREATER THAN 3MM, (GAPS SEALED AT FASCIA ETC.)
- ROOF PENETRATIONS – NO GAP GREATER THAN 3MM WITH OPENINGS TO HAVE COMPLYING MESH EMBER GUARDS
- EAVES LININGS – PENETRATIONS AND GAPS AS PER ROOF
- GUTTERS – NO REQUIREMENTS EXCEPT LEAF GUARDS IF INSTALLED ARE TO BE NON-COMBUSTIBLE





ACCESS DOOR PLAN
1 : 20

1 MIDDLE 1 PLAN
1 : 100

DRAWING TO BE PRINTED IN COLOUR

DA ISSUE

rev	date	details	initials	checked
2	02/09/22	STORE ROOM CHANGED TO CLEANERS STORE, SERVICES CUPBOARD WIDENED, BAL 12.5 NOTES ADDED	WA	AB
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	DG	DISPENSER GLOVE	PBD-i	PLASTERBOARD IMPACT RESISTANT	VMC	VERTICAL METAL CLADDING
CB	CONCRETE BLOCK	DP	DOWNPIPE	PBD-W	PLASTERBOARD WET AREA GRADE	VP	VITRAPANEL CLADDING
CBR	CONCRETE BLOCK RENDERED	DPT	DISPENSER PAPER TOWEL	PS	PERFORATED METAL SCREEN		
CBS	CONCRETE BLOCK STACK BOND	DS	DISPENSER SOAP	RP	REMOVABLE POST		
CC	CONCRETE COLUMN	FB	FACE BRICKWORK	SC	STEEL COLUMN		
CFC	COMPRESSED FIBRE CEMENT	FC	FIBRE CEMENT	SKT	SKIRTING TIMBER		
COL	COLUMN	FBS	FACE BRICK STACK BOND	SKCT	SKIRTING CERAMIC TILE		
CP	CONCRETE PANEL	FG	FIXED GLAZING	SKV	SKIRTING VINYL		
CRS	COLORBOND ROOF SHEETING	FR	FRONTEK CERAMIC CLADDING	SP	STONE PEDESTAL		
DCM	DISPENSER CHEMICAL MIXER	HR	HANDRAIL	SW PIT	STORMWATER PIT		
		IHWS	INSTANTANEOUS HOT WATER SERVICE	V1	VINYL SHEET TYPE 1		
		PBD	PLASTERBOARD	V2	VINYL SHEET TYPE 2		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
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ABN 12 096 929 387

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COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

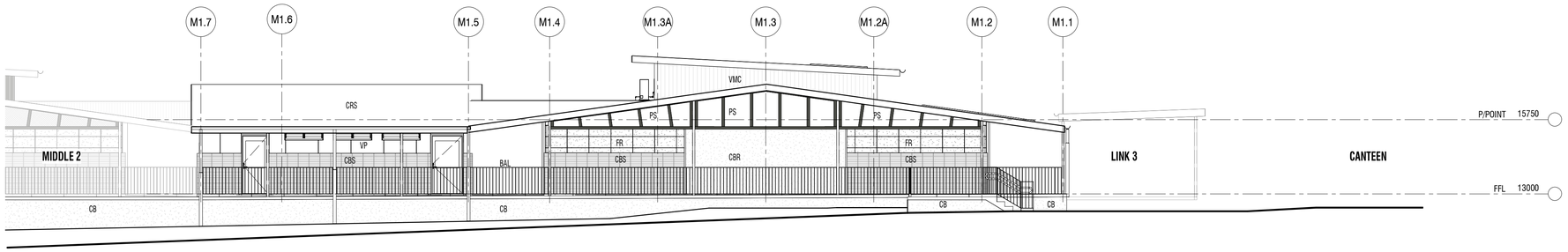
scale	As indicated	@A1
drawn	KA WA	
checked	-	02/09/22
verified	-	02/09/22
approved	-	02/09/22
total number of sheets	No	

plotted 6/09/2022 3:48:59 PM

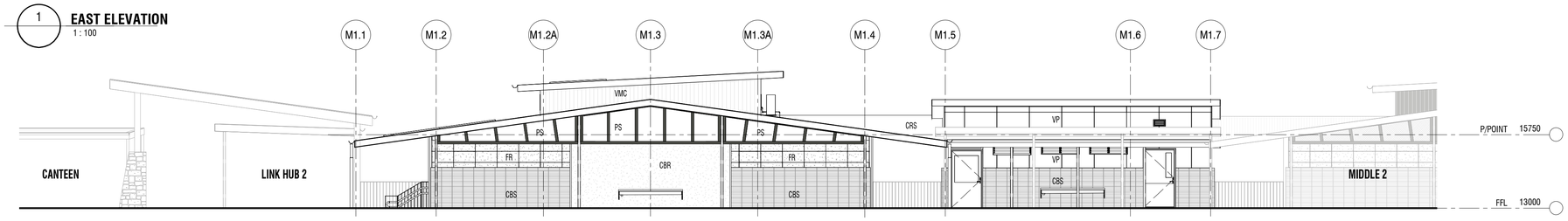
true north

drawing
MIDDLE 1 PLAN

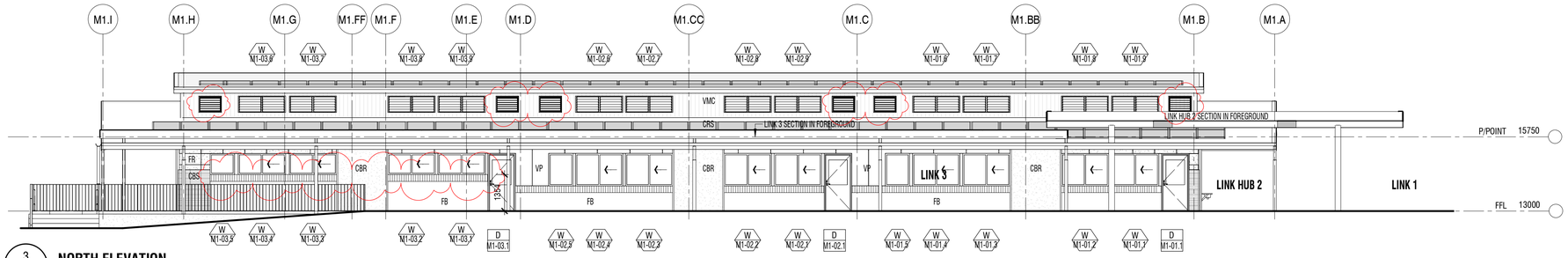
project number 20033 drawing number DA-M1-A100 revision 2



1 **EAST ELEVATION**
1 : 100



2 **WEST ELEVATION**
1 : 100



3 **NORTH ELEVATION**
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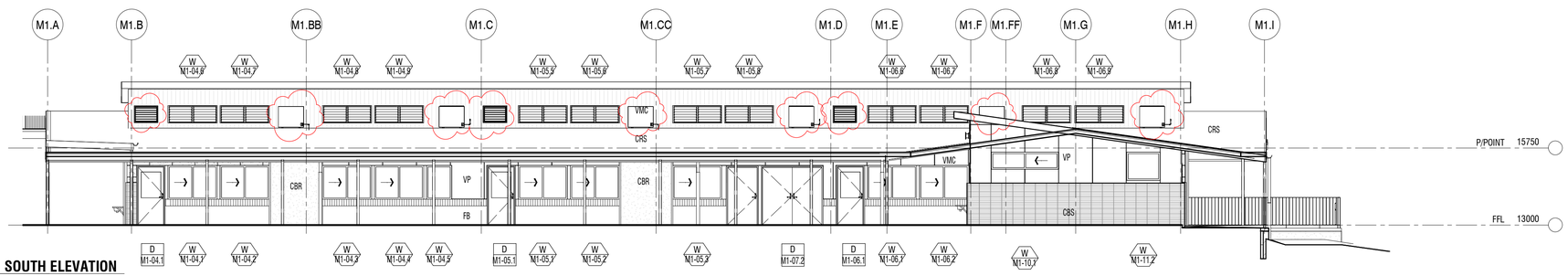

4 **SOUTH ELEVATION**
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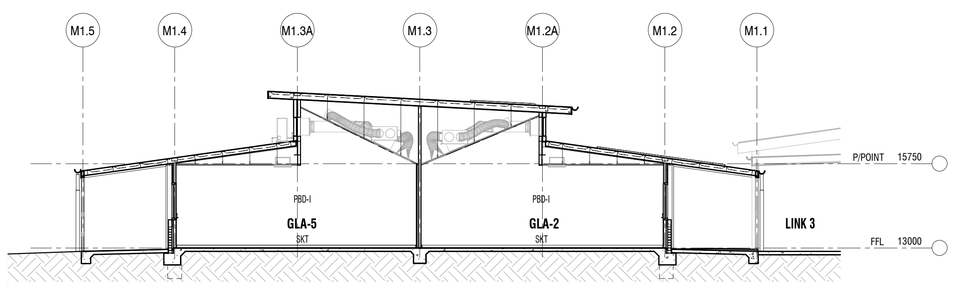
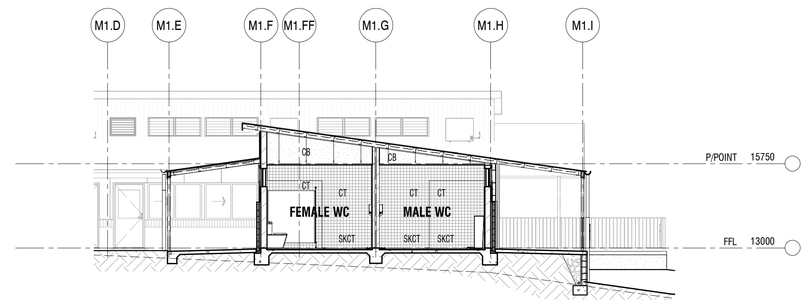


5 **SECTION**
DA-M1-A100 1 : 100



6 **SECTION**
DA-M1-A100 1 : 100

DA ISSUE

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1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	DG	DISPENSER GLOVE	PBD-I	PLASTERBOARD IMPACT RESISTANT	VMC	VERTICAL METAL CLADDING
CB	CONCRETE BLOCK	DP	DOWNPIPE	PBD-W	PLASTERBOARD WET AREA GRADE	VP	VITRAPANEL CLADDING
CBR	CONCRETE BLOCK RENDERED	DPT	DISPENSER PAPER TOWEL	PS	PERFORATED METAL SCREEN		
CBS	CONCRETE BLOCK STACK BOND	DS	DISPENSER SOAP	RP	REMOVABLE POST		
CC	CONCRETE COLUMN	FB	FACE BRICKWORK	SC	STEEL COLUMN		
CFC	COMPRESSED FIBRE CEMENT	FC	FIBRE CEMENT	SKT	SKIRTING TIMBER		
COL	COLUMN	FBS	FACE BRICK STACK BOND	SKCT	SKIRTING CERAMIC TILE		
CP	CONCRETE PANEL	FG	FIXED GLAZING	SKV	SKIRTING VINYL		
CRS	COLORBOND ROOF SHEETING	FR	FRONTEK CERAMIC CLADDING	SP	STONE PEDESTAL		
DCM	DISPENSER CHEMICAL MIXER	HR	HANDRAIL	SW PIT	STORMWATER PIT		
		IHWS	INSTANTANEOUS HOT WATER SERVICE	V1	VINYL SHEET TYPE 1		
		PBD	PLASTERBOARD	V2	VINYL SHEET TYPE 2		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

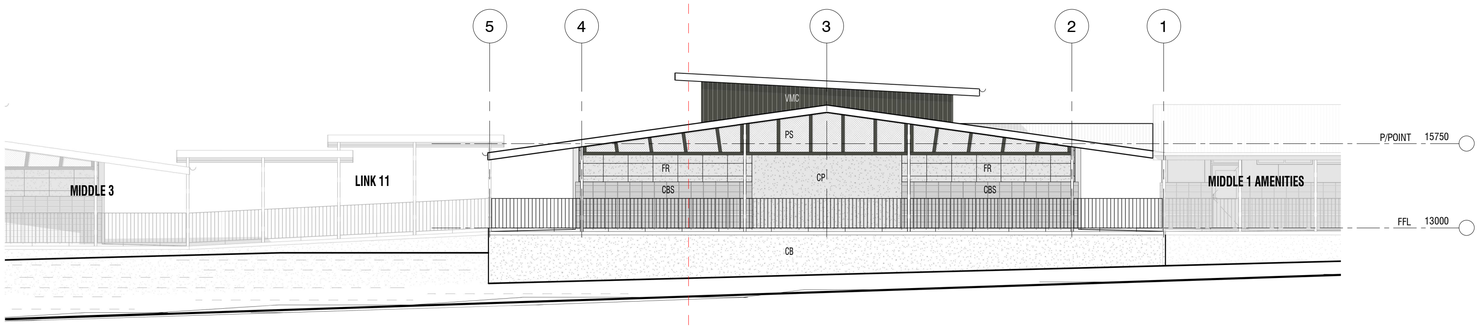
scale	1 : 100	@A1	
drawn	KA WA		
checked	-	06/09/22	
verified	-	06/09/22	
approved	-	06/09/22	
total number of sheets		No	

plotted 6/09/2022 4:37:30 PM

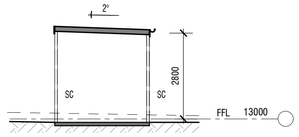
true north

drawing
MIDDLE 1 ELEVATIONS

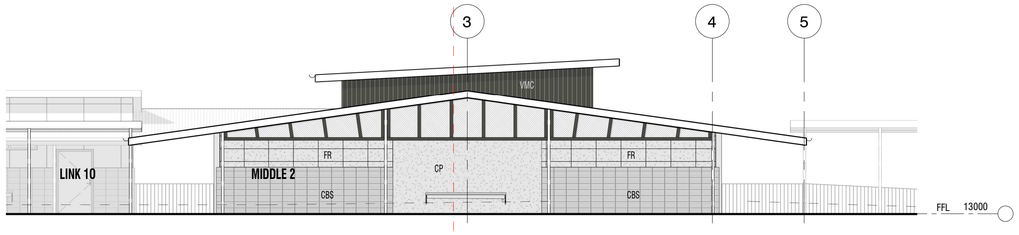
project number **20033** drawing number **DA-M1-A400** revision **2**



1 **EAST ELEVATION**
1 : 100



2 M2.LK9-A400 **LINK 9 SECTION**
1 : 100



3 **WEST ELEVATION**
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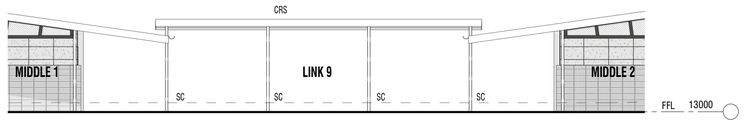
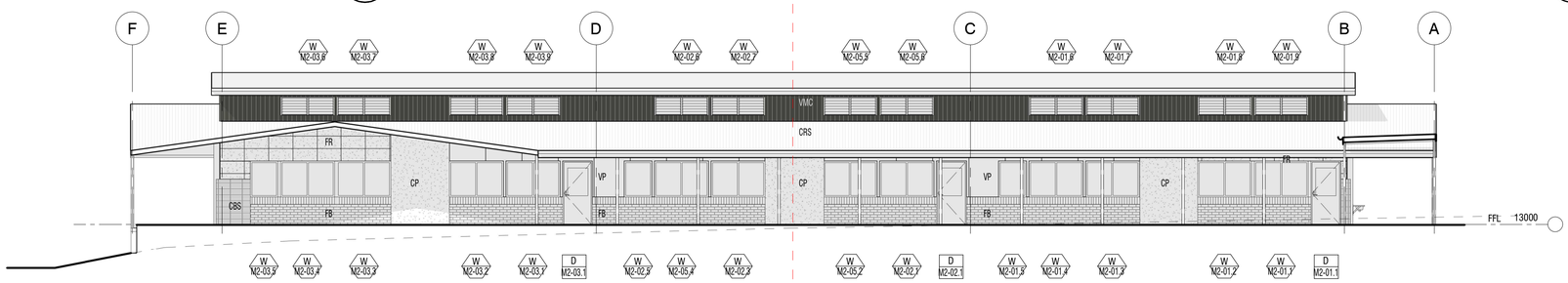
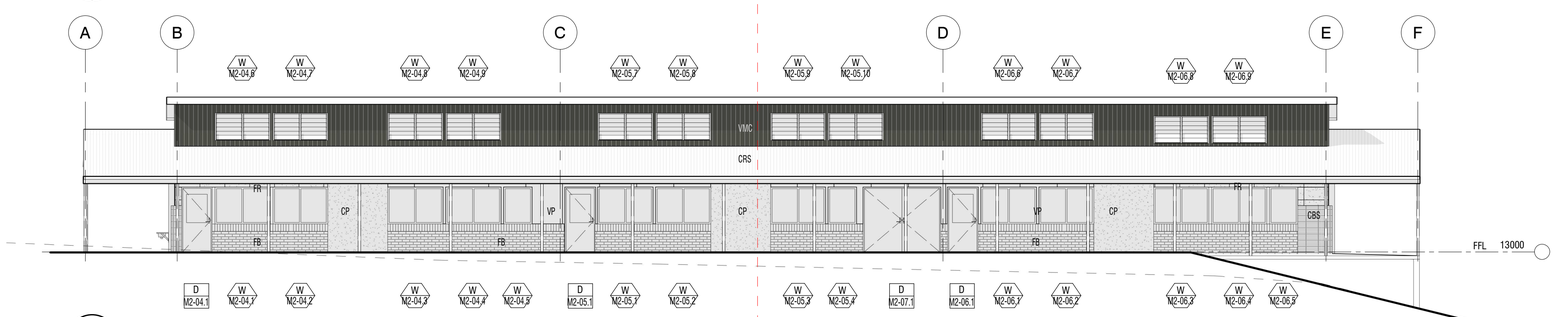


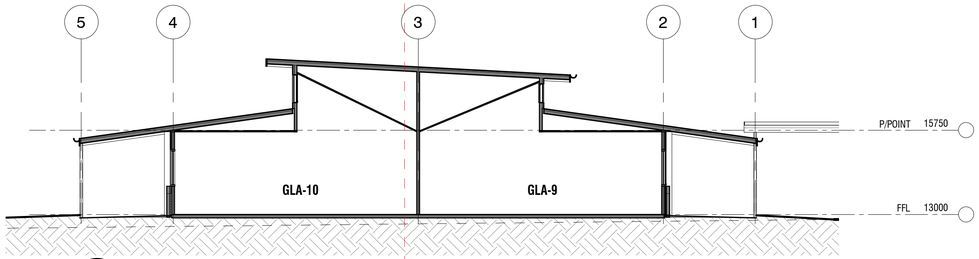
4 X-A200 **LINK 9 WEST ELEVATION**
1 : 100



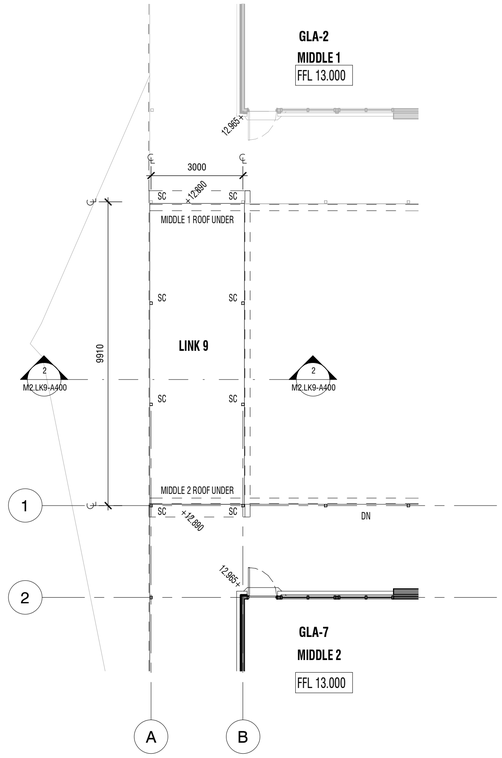
5 **NORTH ELEVATION**
1 : 100



6 **SOUTH ELEVATATION**
1 : 100



7 M2-A100 **SECTION**
1 : 100



8 M2.LK9-A400 **LINK 9 PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20202\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-MIDDLE SCHOOL 2.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	VP	VITRAPANEL CLADDING
CB	CONCRETE BLOCK	FC	FIBRE CEMENT		
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND		
CBS	CONCRETE BLOCK STACK BOND	FR	FRONTEK CERAMIC CLADDING		
CC	CONCRETE COLUMN	HR	HANDRAIL		
CFC	COMPRESSED FIBRE CEMENT	PBD	PLASTERBOARD		
COL	COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE		
CP	CONCRETE PANEL	SC	STEEL COLUMN		
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT		
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1		
		V2	VINYL SHEET TYPE 2		
		VMC	VERTICAL METAL CLADDING		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
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dracoffs@draarchitects.com.au

Warren Steele NSW 6526
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dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1	
drawn	WA		
checked	-WA	25/06/21	
verified	AB	25/06/21	
approved	AB	25/06/21	
total number of sheets		No	

plotted 8/07/2021 4:54:12 PM

true north

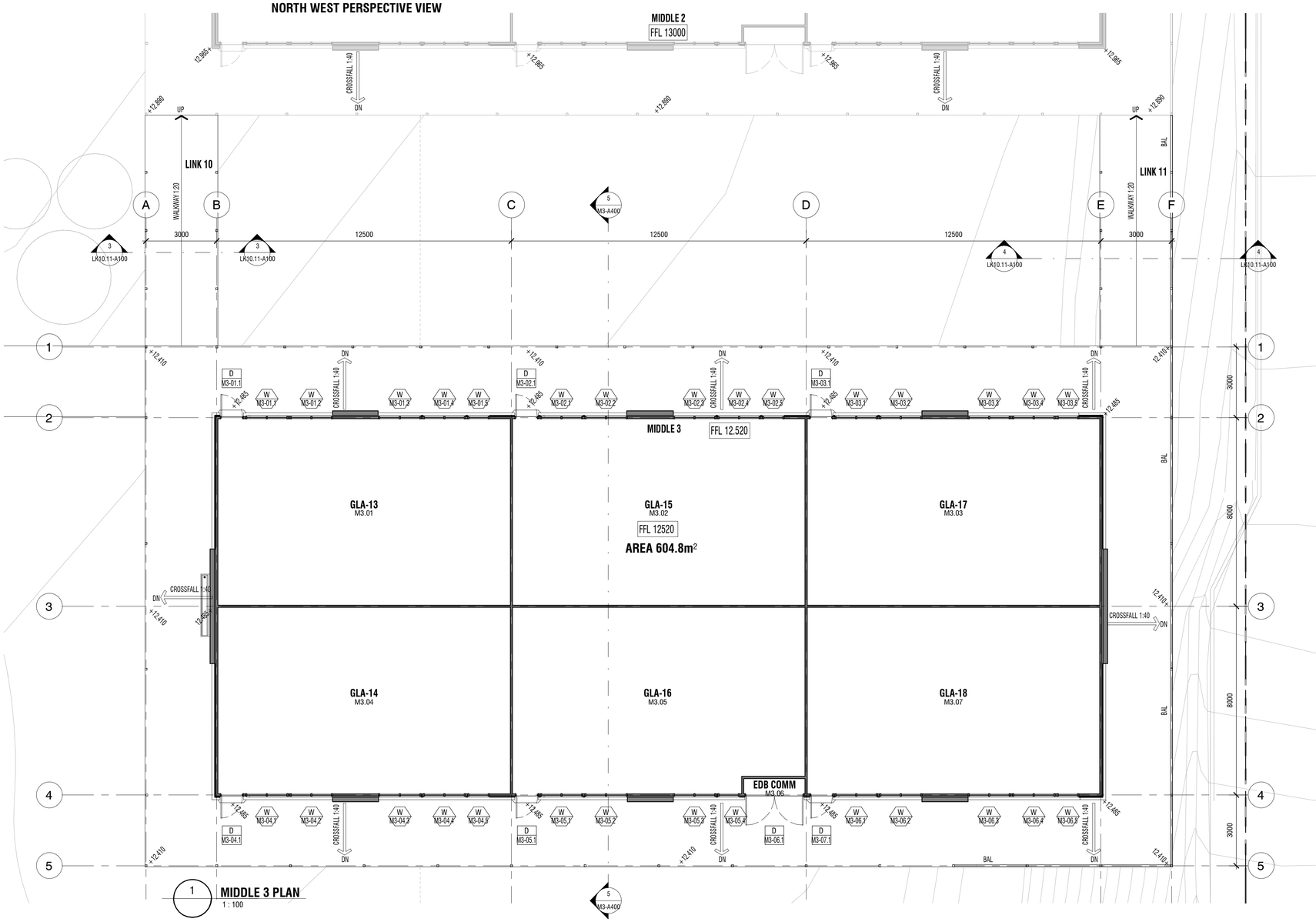
drawing
MIDDLE 2 ELEVATIONS AND SECTION AND LINK 9

project number	drawing number	revision
20033	M2.LK9-A400	1

NORTH WEST PERSPECTIVE VIEW

ROOM AREAS MIDDLE 3

ROOM NAME	NO.	AREA
GLA-13	M3.01	98.2 m²
GLA-15	M3.02	98.2 m²
GLA-17	M3.03	98.2 m²
GLA-14	M3.04	98.2 m²
GLA-16	M3.05	96.2 m²
EDB COMM	M3.06	1.7 m²
GLA-18	M3.07	98.2 m²



1 MIDDLE 3 PLAN
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20202\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-MIDDLE SCHOOL 3.rvt

LEGEND

BAL	BALUSTRADE
CB	CONCRETE BLOCK
CBR	CONCRETE BLOCK RENDERED
CBS	CONCRETE BLOCK STACK BOND
CC	CONCRETE COLUMN
CFC	COMPRESSED FIBRE CEMENT
COL	COLUMN
CRS	COLORBOND ROOF SHEETING
DP	DOWNPIPE
FB	FACE BRICKWORK
FC	FIBRE CEMENT
FBS	FACE BRICK STACK BOND
FR	FRONTEK CERAMIC CLADDING
HR	HANDRAIL
PBD	PLASTERBOARD
PBD-W	PLASTERBOARD WET AREA GRADE
SC	STEEL COLUMN
SW PIT	STORMWATER PIT
V1	VINYL SHEET TYPE 1
V2	VINYL SHEET TYPE 2
VMC	VERTICAL METAL CLADDING
VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD
Adrian Borsato NSW 4172
(02) 6651 4905
draoffs@draarchitects.com.au
Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au
ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

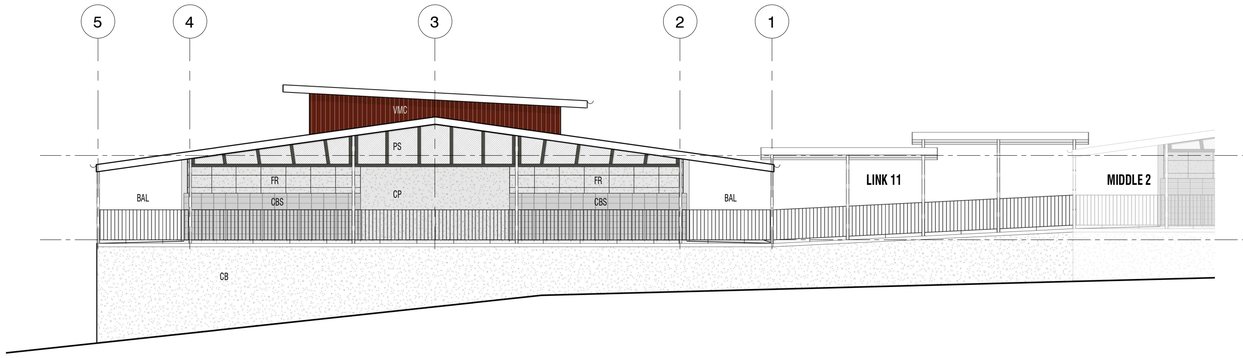
scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 3:03:21 PM

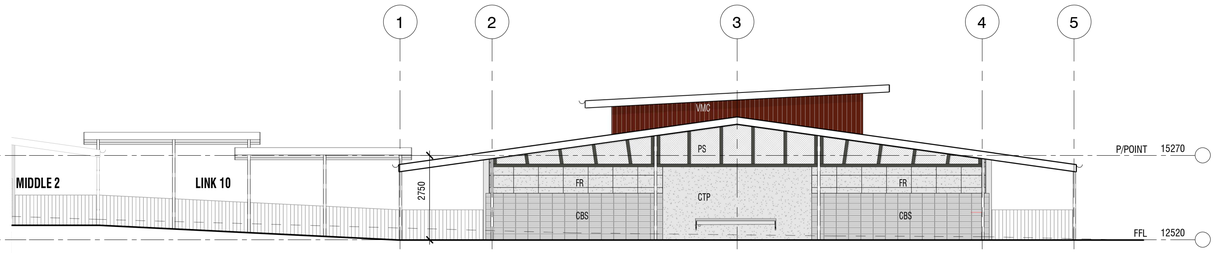
true north

drawing
MIDDLE 3 PLAN AND PERSPECTIVE VIEW

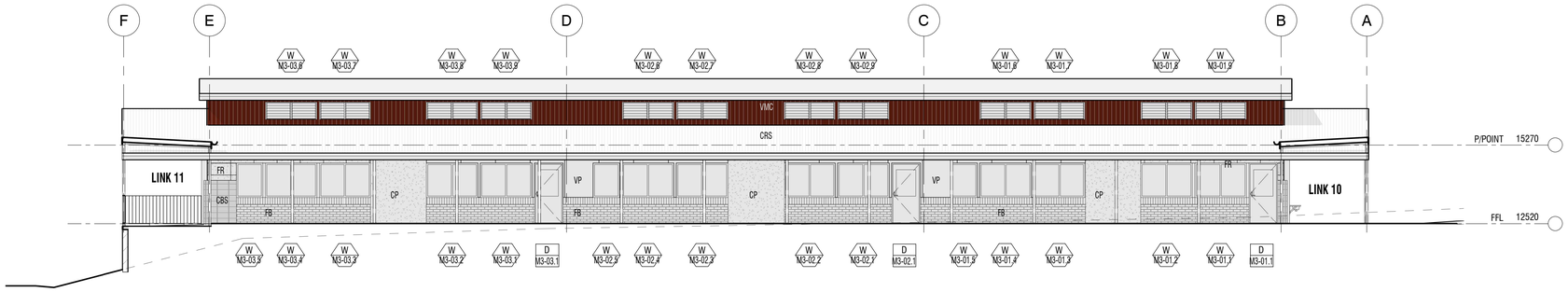
project number **20033** drawing number **M3-A100** revision **1**



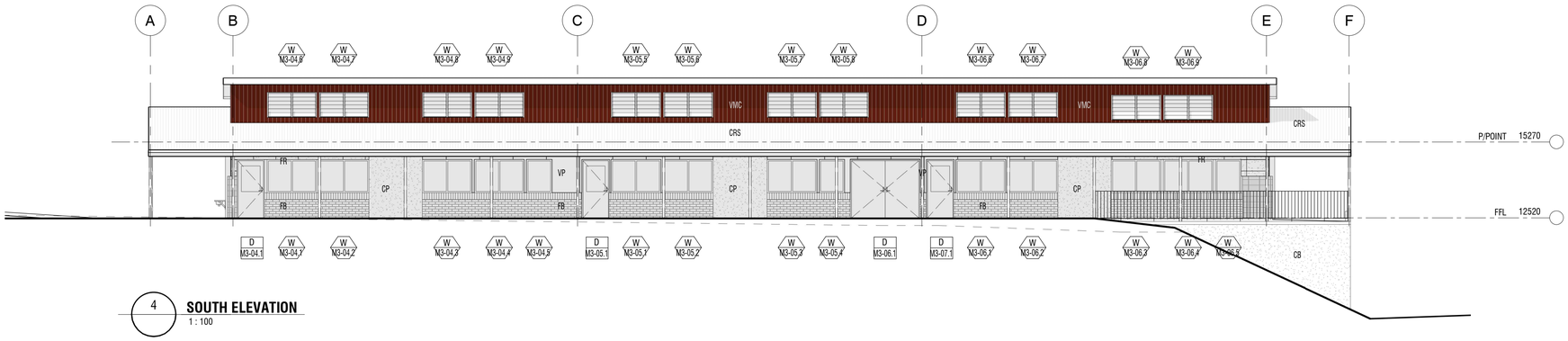
1 **EAST ELEVATION**
1 : 100



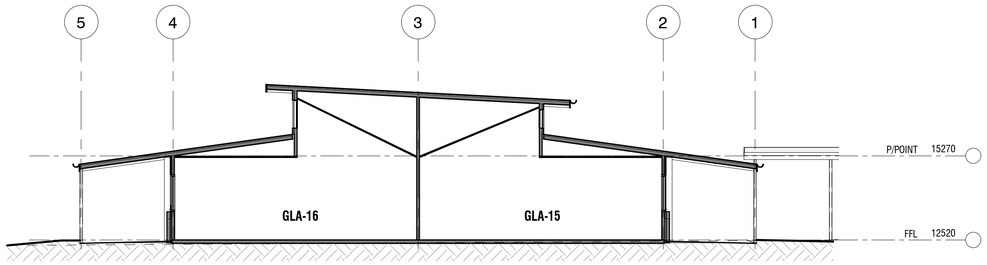
2 **WEST ELEVATION**
1 : 100



3 **NORTH ELEVATION**
1 : 100



4 **SOUTH ELEVATION**
1 : 100



5 M3-A100 **SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
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CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\2020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-MIDDLE SCHOOL 3.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	VP	VITRAPANEL CLADDING
CB	CONCRETE BLOCK	FC	FIBRE CEMENT		
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND		
CBS	CONCRETE BLOCK STACK BOND	FR	FRONTEK CERAMIC CLADDING		
CC	CONCRETE COLUMN	HR	HANDRAIL		
CFC	COMPRESSED FIBRE CEMENT	PBD	PLASTERBOARD		
COL	COLUMN	PBD-W	PLASTERBOARD WET AREA GRADE		
CP	CONCRETE PANEL	SC	STEEL COLUMN		
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT		
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1		
		V2	VINYL SHEET TYPE 2		
		VMC	VERTICAL METAL CLADDING		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
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dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1	
drawn	WA		
checked	WA	25/06/21	
verified	AB	25/06/21	
approved	AB	25/06/21	
total number of sheets	No		

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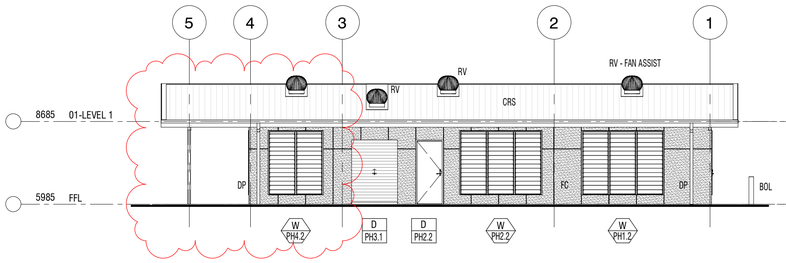
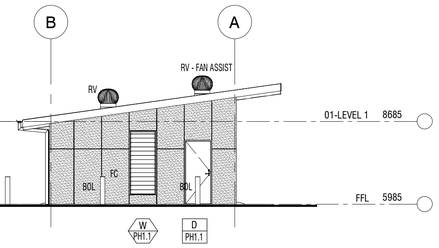
drawing
MIDDLE 3 ELEVATIONS

project number	drawing number	revision
20033	M3-A400	1

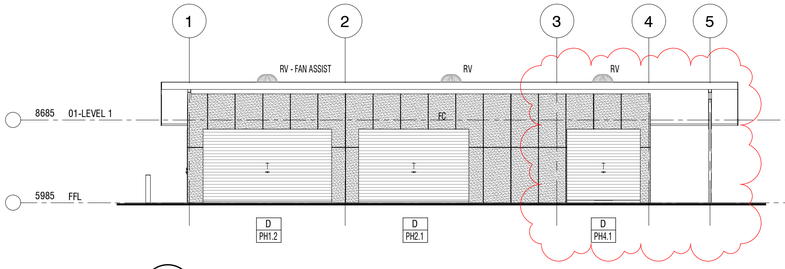
PUMP HOUSE



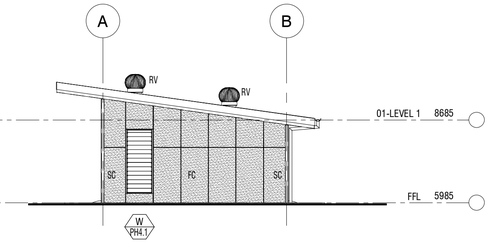
1 **EAST ELEVATION**
1 : 100



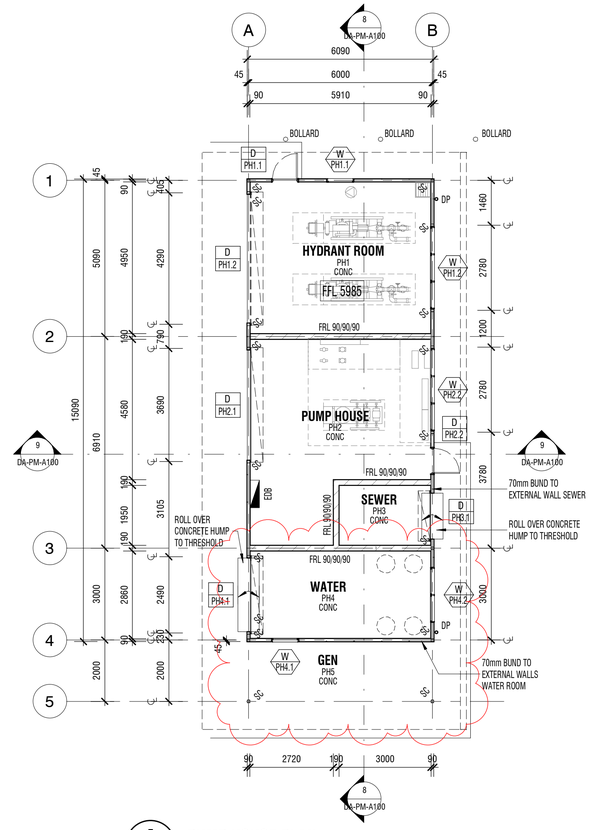
2 **NORTH ELEVATION**
1 : 100



3 **WEST ELEVATION**
1 : 100



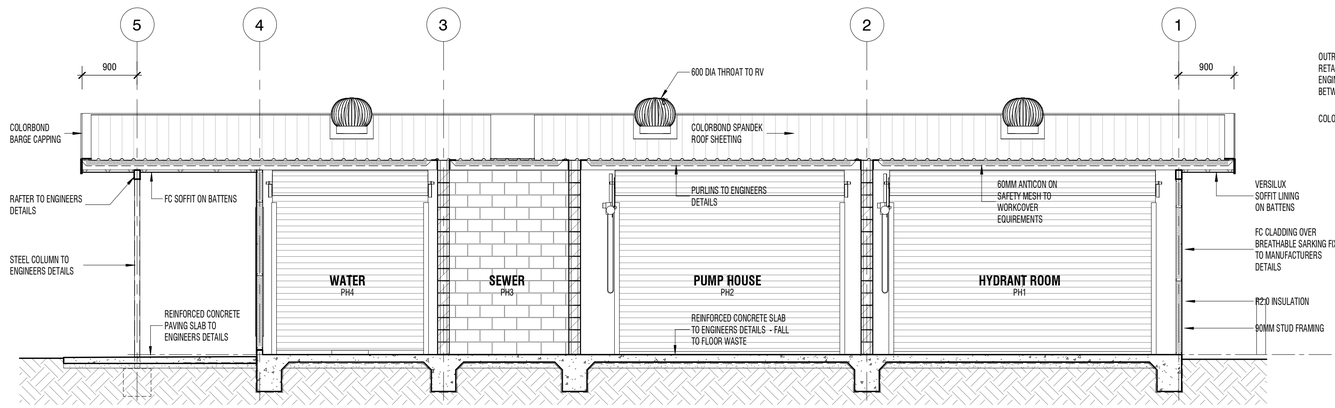
4 **SOUTH ELEVATION**
1 : 100



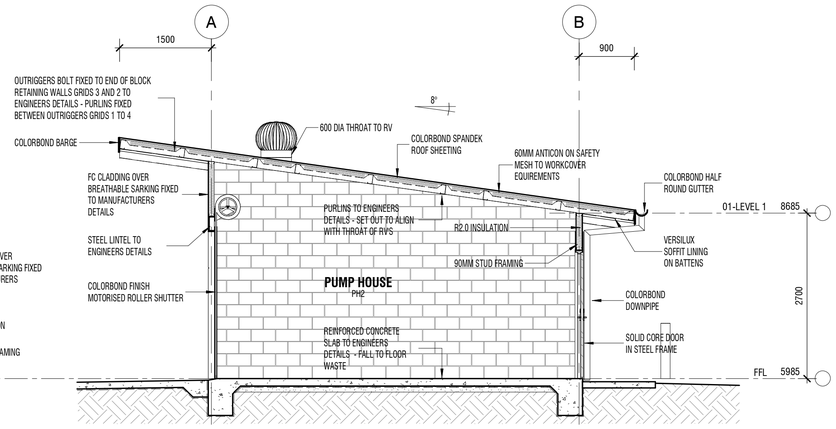
5 **PUMP HOUSE PLAN**
1 : 100

LEGEND

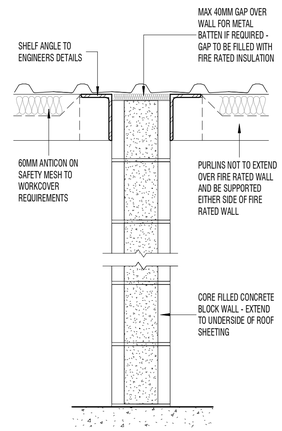
CONC	CONCRETE
CRS	CLORBOND ROOF SHEETING - SPANDEK
DP	DOWNPIPE
FC	FIBRE CEMENT
FRL	FIRE RESISTANCE LEVEL
RV	ROOF VENTILATOR



8 **SECTION**
1 : 50



9 **SECTION**
1 : 50



10 **FIRE RATED WALL DETAIL**
1 : 10

DA ISSUE

rev	date	details	initials	checked
2	06/09/22	BUILDING LENGTH INCREASED, INTERNAL ROOM LAYOUT SHOWN, DOORS AND WINDOWS ADJUSTED TO SUIT INTERNAL LAYOUT	WA	AB
1	08/07/21	DA ISSUE, CONTROLLED, CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-i	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

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ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

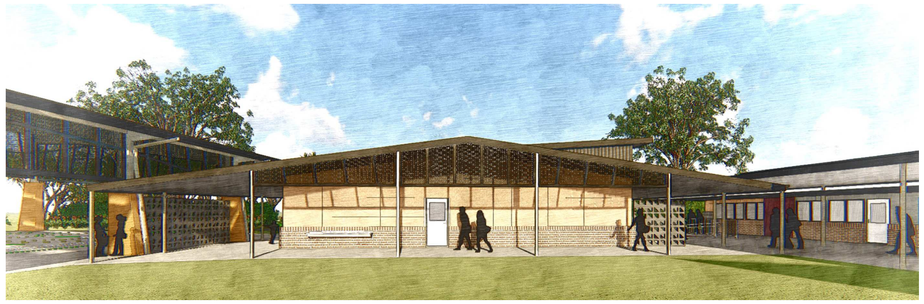
scale	As indicated	@A1
drawn	WA	
checked	WA	06/09/22
verified	AB	06/09/22
approved	AB	06/09/22
total number of sheets	No	

plotted 6/09/2022 3:53:26 PM

N
true north

drawing
PUMP HOUSE PLAN, ELEVATIONS AND SECTION

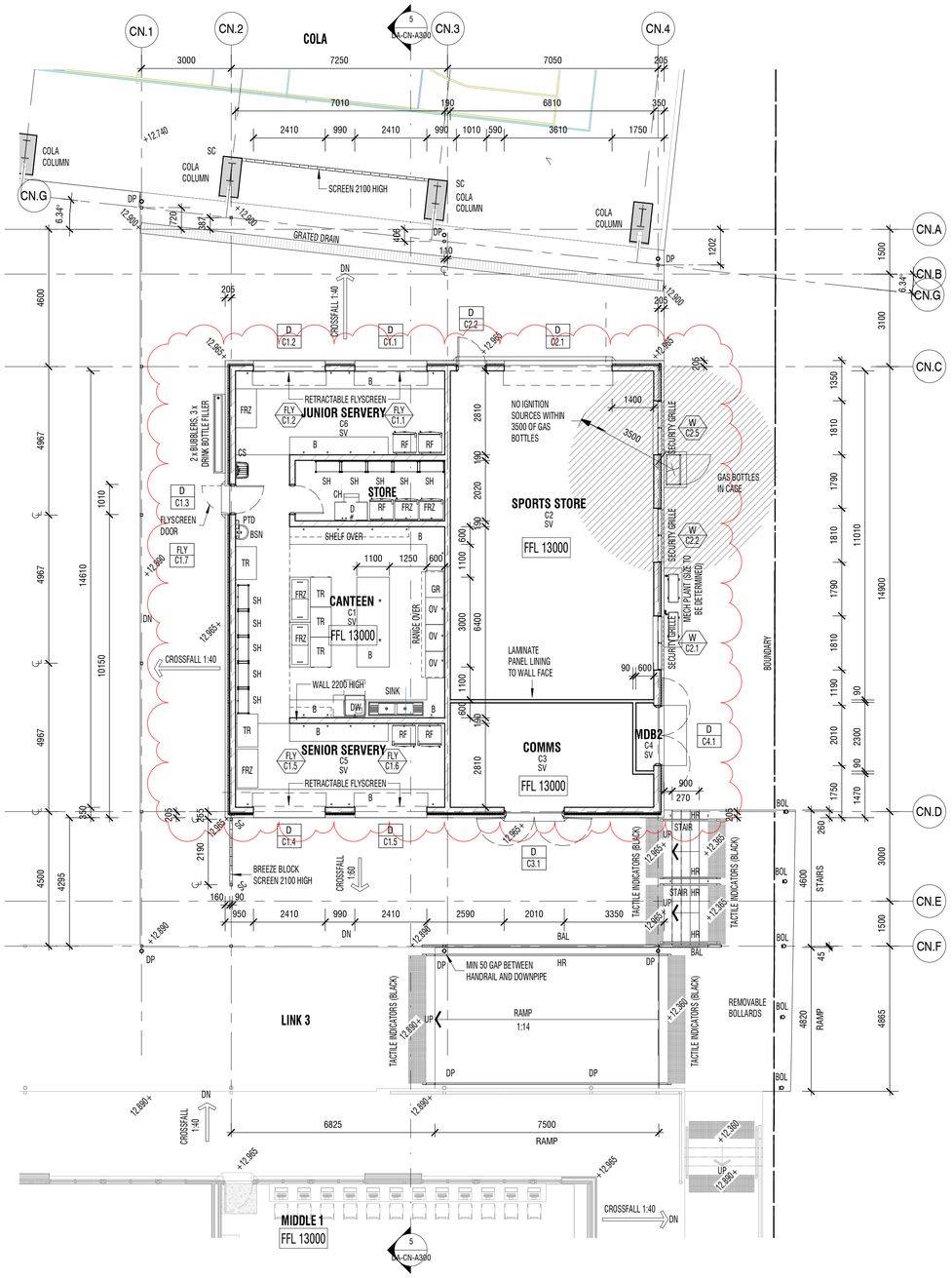
project number / drawing number / revision
20033 DA-PM-A100 2



WEST PERSPECTIVE VIEW

SOUTH EAST PERSPECTIVE VIEW

JUNIOR CANTEEN SERVERY VIEW



ROOM AREAS CANTEEN

ROOM NAME	NO.	AREA
CANTEEN	C1	49.3 m²
SPORTS STORE	C2	74.3 m²
COMMS	C3	21.8 m²
MDB2	C4	1.2 m²
SENIOR SERVERY	C5	19.5 m²
JUNIOR SERVERY	C6	19.5 m²
OFFICE / STORE	C7	10.1 m²

2 **CANTEEN / STORE PLAN**
1 : 100

DA ISSUE

DRAWING TO BE PRINTED IN COLOUR

rev	date	details	initials	checked
2	02.09.21	INTERNAL ROOM LAYOUT ADJUSTED	WA	AB
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20202\20033 - CHCCS JUNIOR SCHOOL CAMPUS\D-3_DRA REVIT\DA-20033-CANTEEN OPTION 2.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-J	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

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client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

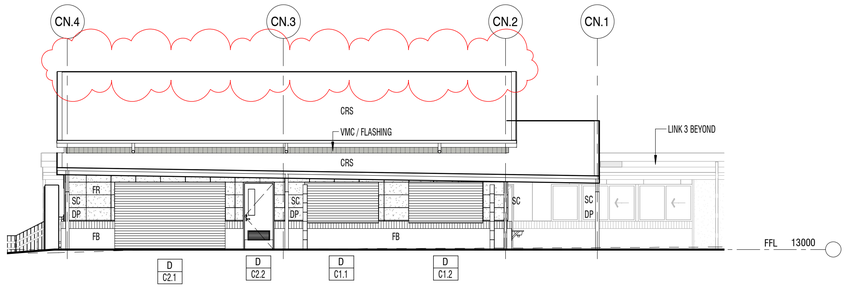
scale	1 : 100	@A1
drawn	WDA	
checked	-	02/09/21
verified	-	02/09/21
approved	-	02/09/21
total number of sheets		No

plotted 6/09/2022 4:12:37 PM

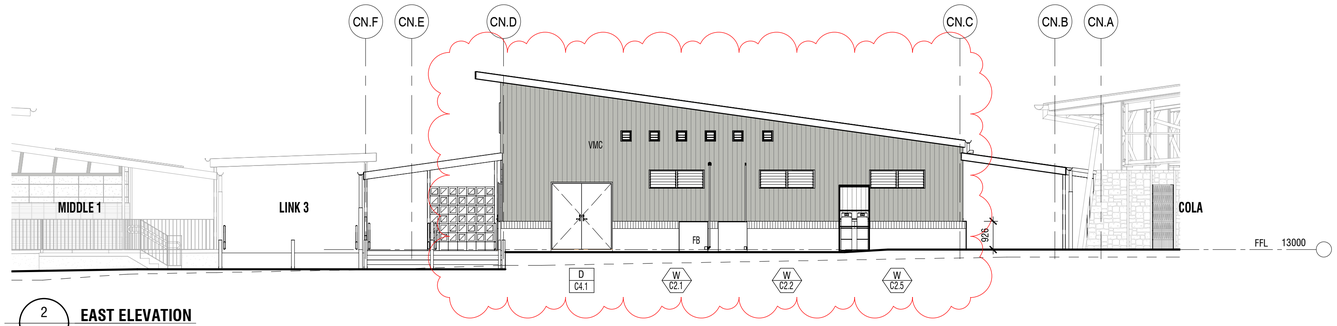
true north

drawing **CANTEEN PLANS**

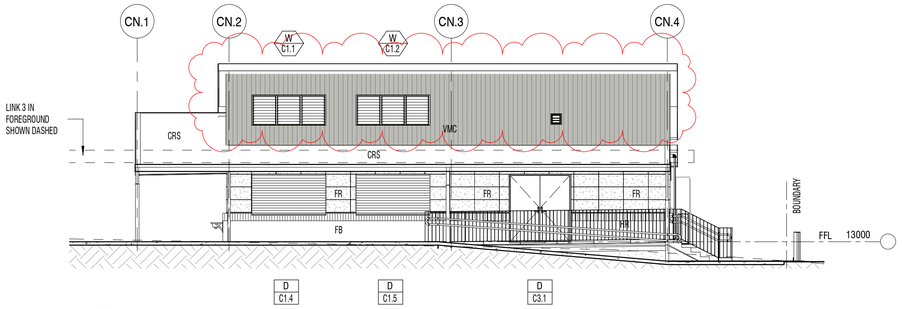
project number 20033 | drawing number DA-CN-A100 | revision 2



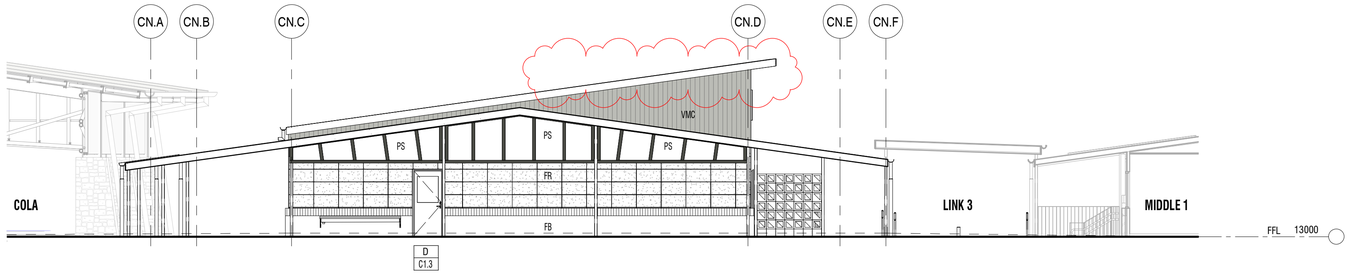
1 **NORTH ELEVATION**
1 : 100



2 **EAST ELEVATION**
1 : 100



3 **SOUTH ELEVATION**
1 : 100



4 **WEST ELEVATION**
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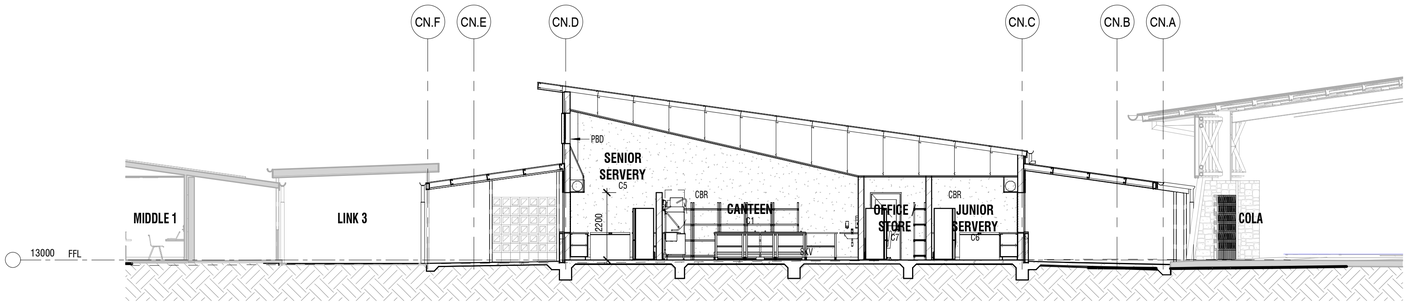


5 CN-A150 **SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
2	06/09/21	ROOF LINE ADJUSTED, CLADDING EAST WALL ADJUSTED, HIGH LEVEL LOUVRE NUMBERS ADJUSTED, MECHANICAL GRILLES ADDED	WA	AB
1	25/08/21	DA ISSUE - CONTROLLED - CHANGES WIL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20201\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\DA-20033-CANTEEN OPTION 2.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKCT	SKIRTING CERAMIC TILE
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKV	SKIRTING VINYL
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SP	STONE PEDESTAL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SW PIT	STORMWATER PIT
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	V1	VINYL SHEET TYPE 1
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V2	VINYL SHEET TYPE 2
COL	COLUMN	PBD	PLASTERBOARD	VMC	VERTICAL METAL CLADDING
CP	CONCRETE PANEL	PBD-I	PLASTERBOARD IMPACT RESISTANT	VP	VITRAPANEL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE		
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		SC	STEEL COLUMN		
		SKT	SKIRTING TIMBER		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WDA	
checked	-	06/09/21
verified	-	06/09/21
approved	-	06/09/21
total number of sheets	No	

plotted 6/09/2022 4:34:49 PM

true north

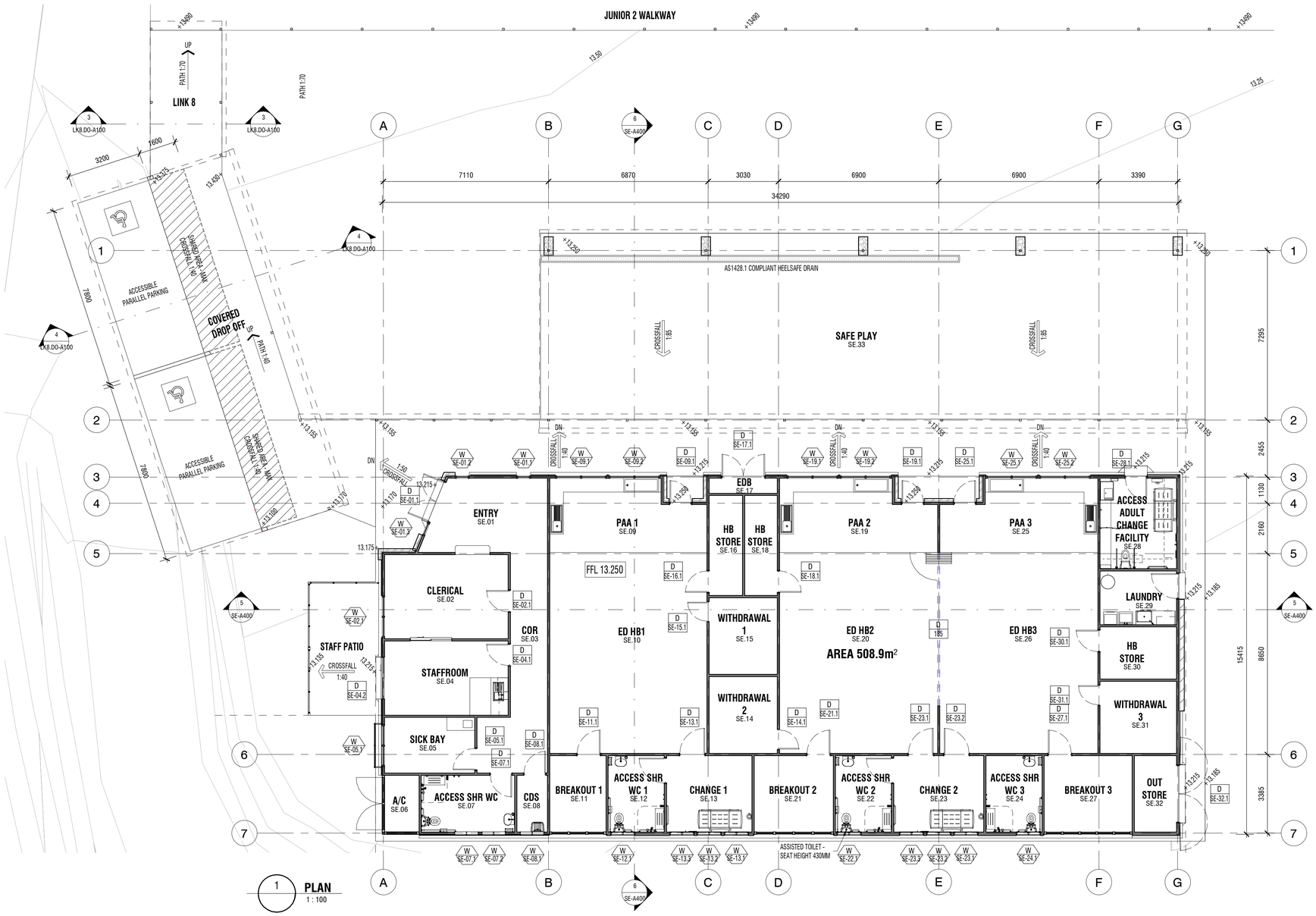
drawing
CANTEEN ELEVATIONS

project number 20033 | drawing number DA-CN-A400 | revision 2

NORTH WEST PERSPECTIVE VIEW

ROOM AREAS SPECIAL ED

ROOM NAME	NO.	AREA
ENTRY	SE.01	15.8 m²
CLERICAL	SE.02	19.3 m²
COR	SE.03	18.6 m²
STAFFROOM	SE.04	17.1 m²
SICK BAY	SE.05	9.3 m²
A/C	SE.06	3.7 m²
ACCESS SHR WC	SE.07	9.9 m²
CDS	SE.08	3.2 m²
PAA 1	SE.09	19.5 m²
ED HB1	SE.10	58.6 m²
BREAKOUT 1	SE.11	8.0 m²
ACCESS SHR WC 1	SE.12	8.0 m²
CHANGE 1	SE.13	12.1 m²
WITHDRAWAL 2	SE.14	9.7 m²
WITHDRAWAL 1	SE.15	9.7 m²
HB STORE	SE.16	6.2 m²
EDB	SE.17	1.9 m²
HB STORE	SE.18	6.1 m²
PAA 2	SE.19	19.6 m²
ED HB2	SE.20	58.9 m²
BREAKOUT 2	SE.21	11.2 m²
ACCESS SHR WC 2	SE.22	8.0 m²
CHANGE 2	SE.23	12.8 m²
ACCESS SHR WC 3	SE.24	8.0 m²
PAA 3	SE.25	19.6 m²
ED HB3	SE.26	58.9 m²
BREAKOUT 3	SE.27	12.5 m²
ACCESS ADULT CHANGE FACILITY	SE.28	12.9 m²
LAUNDRY	SE.29	7.7 m²
HB STORE	SE.30	7.4 m²
WITHDRAWAL 3	SE.31	10.3 m²
OUT STORE	SE.32	6.0 m²
SAFE PLAY	SE.33	227.0 m²



1 PLAN
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20200\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA RSVT\20033-SPECIAL ED.rvt

LEGEND

BAL	BALUSTRADE
CB	CONCRETE BLOCK
CBR	CONCRETE BLOCK RENDERED
CBS	CONCRETE BLOCK STACK BOND
CC	CONCRETE COLUMN
CFC	COMPRESSED FIBRE CEMENT
COL	COLUMN
CRS	COLORBOND ROOF SHEETING
DP	DOWNPIPE
FB	FACE BRICKWORK
FC	FIBRE CEMENT
FBS	FACE BRICK STACK BOND
FR	FRONTEK CERAMIC CLADDING
HR	HANDRAIL
PBD	PLASTERBOARD
PBD-W	PLASTERBOARD WET AREA GRADE
SC	STEEL COLUMN
SW PIT	STORMWATER PIT
V1	VINYL SHEET TYPE 1
V2	VINYL SHEET TYPE 2
VMC	VERTICAL METAL CLADDING
VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

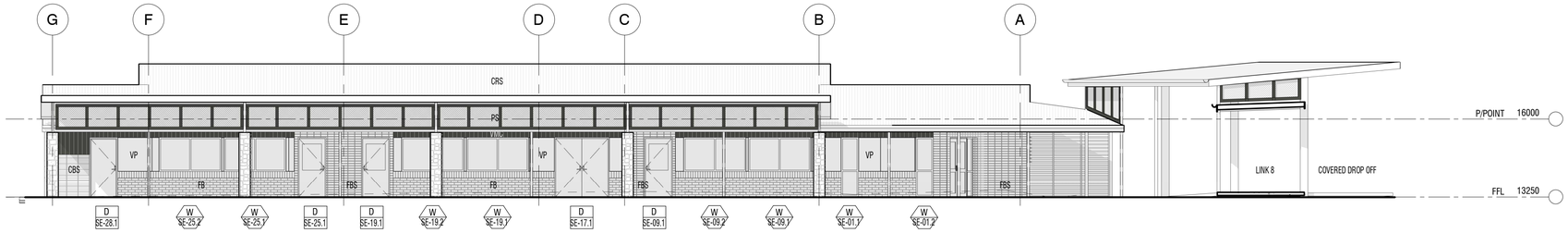
scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 3:23:06 PM

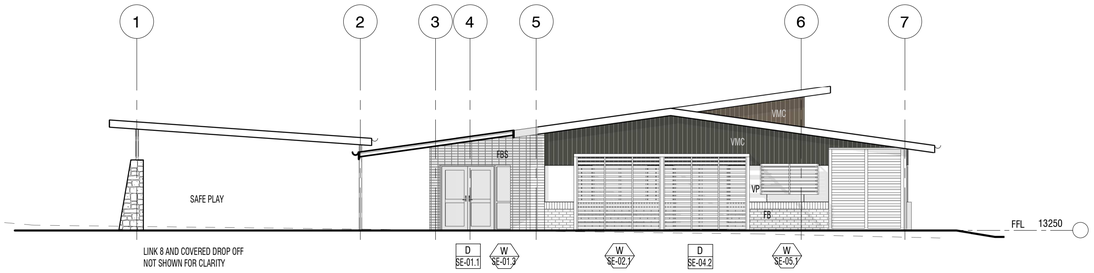
true north

drawing
SPECIAL ED PLAN AND PERSPECTIVE VIEW

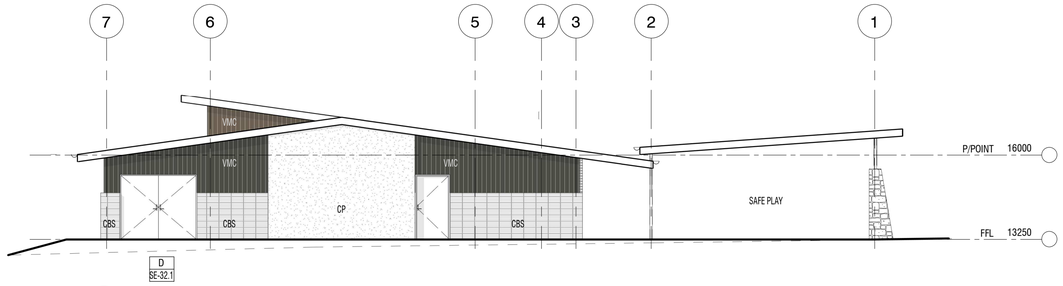
project number **20033** drawing number **SE-A100** revision **1**



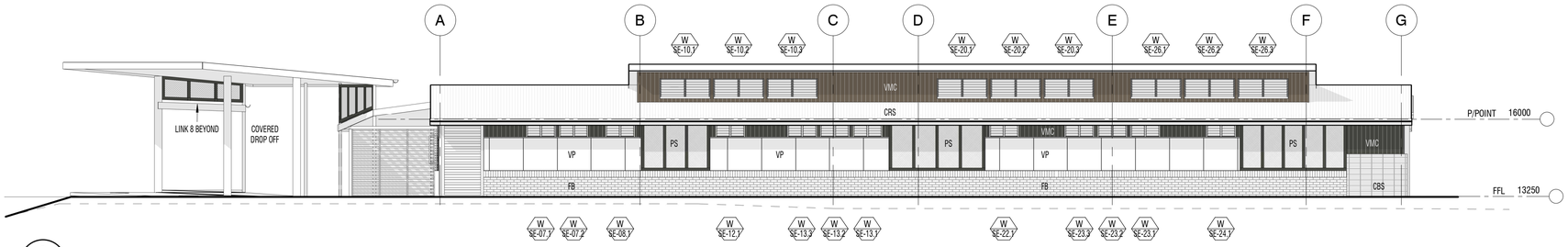
1 **NORTH ELEVATION**
1 : 100



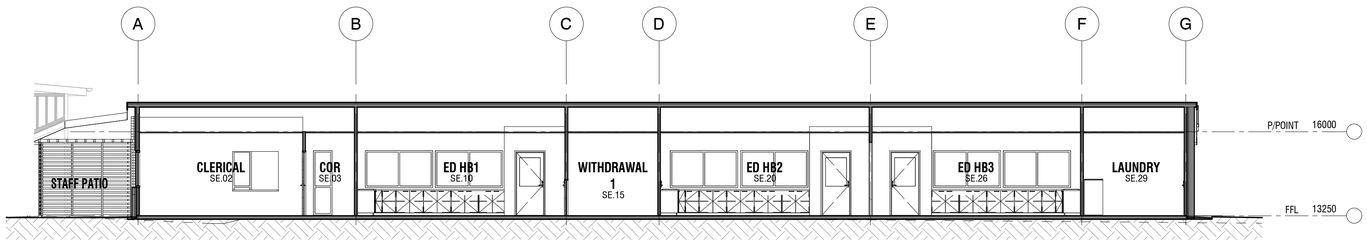
2 **WEST ELEVATION**
1 : 100



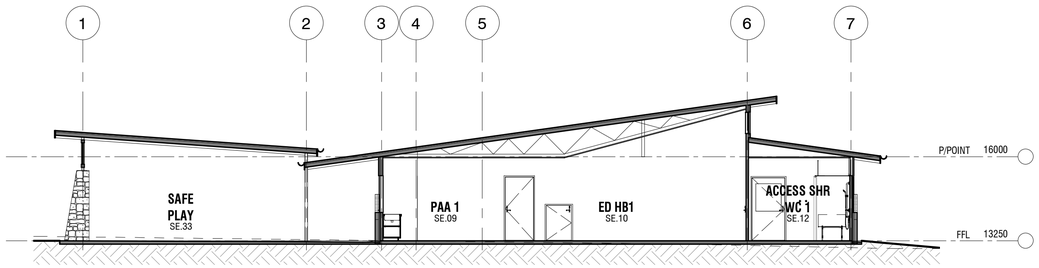
4 **EAST ELEVATION**
1 : 100



3 **SOUTH ELEVATION**
1 : 100



5 **SECTION**
SE-A100 1 : 100



6 **SECTION**
SE-A100 1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20320\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-SPECIAL ED.rvt

LEGEND

BAL	BALUSTRADE
CB	CONCRETE BLOCK
CBR	CONCRETE BLOCK RENDERED
CBS	CONCRETE BLOCK STACK BOND
CC	CONCRETE COLUMN
CFC	COMPRESSED FIBRE CEMENT
COL	COLUMN
CRS	COLORBOND ROOF SHEETING
DP	DOWNPIPE
FB	FACE BRICKWORK
FC	FIBRE CEMENT
FBS	FACE BRICK STACK BOND
FR	FRONTEK CERAMIC CLADDING
HR	HANDRAIL
PBD	PLASTERBOARD
PBD-W	PLASTERBOARD WET AREA GRADE
SC	STEEL COLUMN
SW PIT	STORMWATER PIT
V1	VINYL SHEET TYPE 1
V2	VINYL SHEET TYPE 2
VMC	VERTICAL METAL CLADDING
VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale 1 : 100	@A1	
drawn WA		
checked WA	25/06/21	
verified AB	25/06/21	
approved AB	25/06/21	
total number of sheets	No	

plotted 8/07/2021 3:21:58 PM

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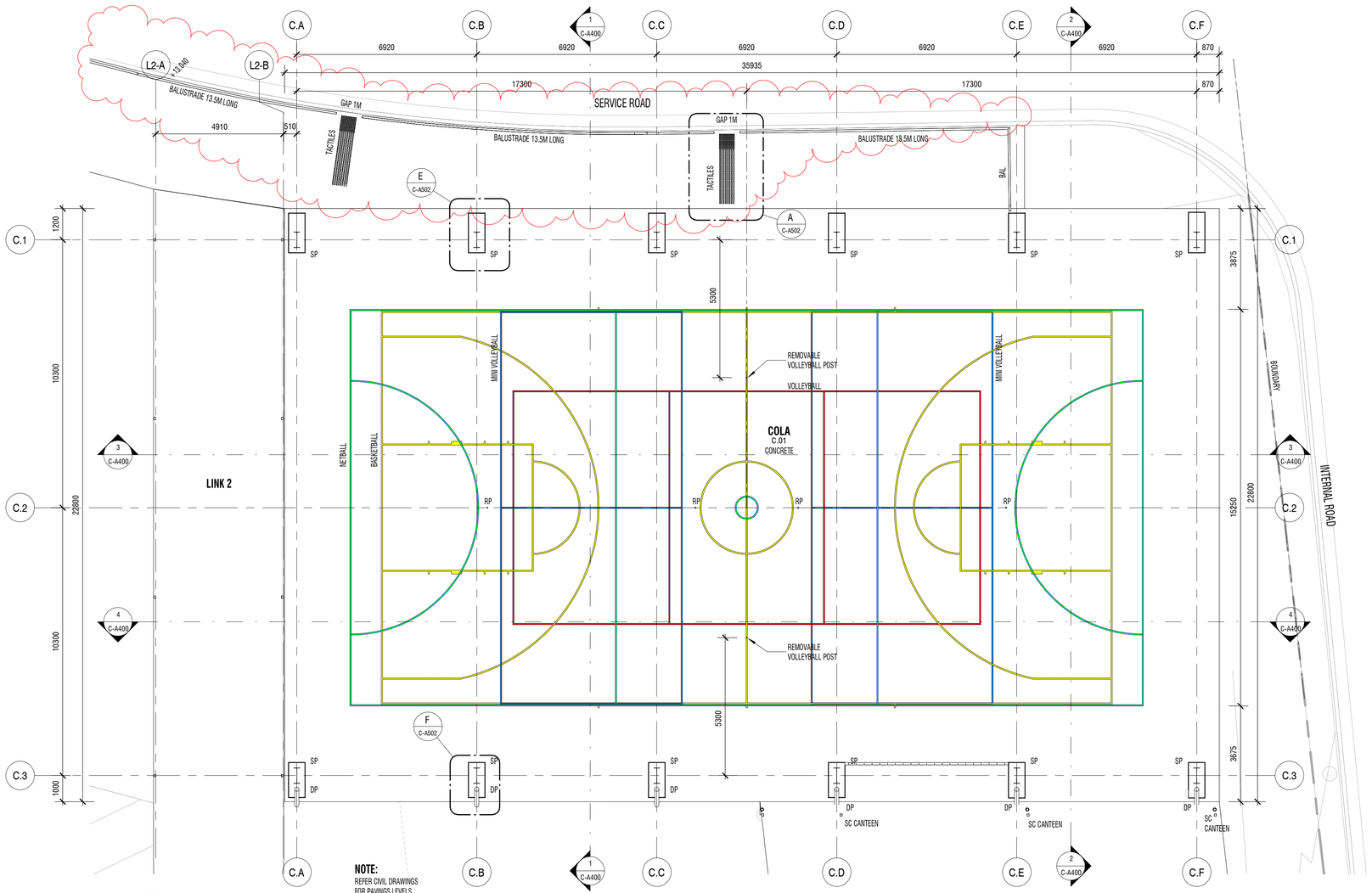
drawing
SPECIAL ED ELEVATIONS AND SECTIONS

project number	drawing number	revision
20033	SE-A400	1

COLA

NORTH PERSPECTIVE VIEW



NOTE:
REFER CIVIL DRAWINGS FOR PAVINGS LEVELS, PITS AND GRATED DRAINS

1 **COLA PLAN**
1 : 100

DA ISSUE

PERPECTIVE VIEW IS INDICATIVE ONLY - REFER DESIGN DOCUMENTATION FOR BUILT FORM

rev	date	details	initials	checked
2	06/09/22	BALUSTRADE GAPS TO SERVICE ROAD ADJUSTED, TACTILES ADDED	WA	AB
1	25/06/21	DA ISSUE	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20202\20033 - CHCCS JUNIOR SCHOOL CAMPUS\D3_DRA REVIT\DA-20033-COLA.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKT	SKIRTING TIMBER
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKCT	SKIRTING CERAMIC TILE
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SKV	SKIRTING VINYL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SP	STONE PEDESTAL
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	SW PIT	STORMWATER PIT
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V1	VINYL SHEET TYPE 1
COL	COLUMN	PBD	PLASTERBOARD	V2	VINYL SHEET TYPE 2
CP	CONCRETE PANEL	PBD-I	PLASTERBOARD IMPACT RESISTANT	VMC	VERTICAL METAL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE	VP	VITRAPANEL CLADDING
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		RP	REMOVABLE POST		
		SC	STEEL COLUMN		

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	-	06/09/22
verified	-	06/09/22
approved	-	06/09/22
total number of sheets		No

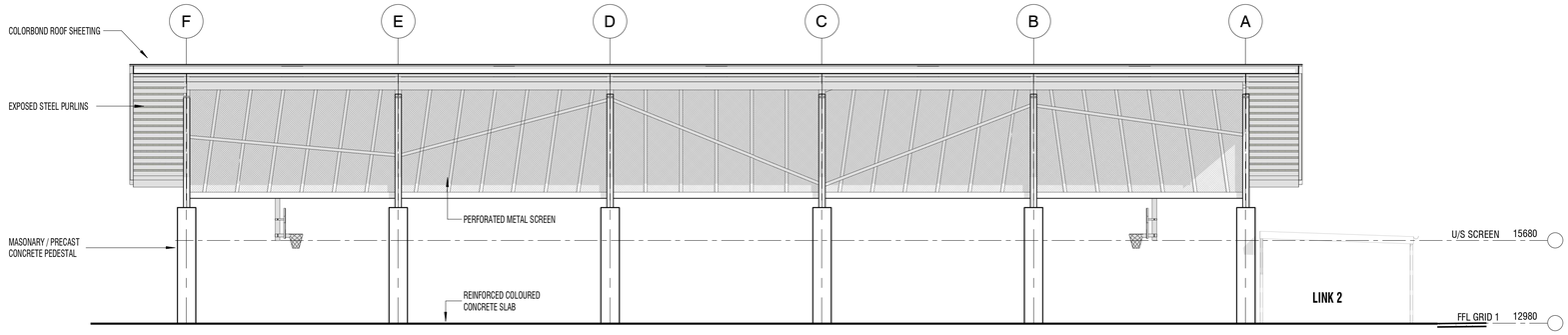
plotted 6/09/2022 3:43:14 PM

true north

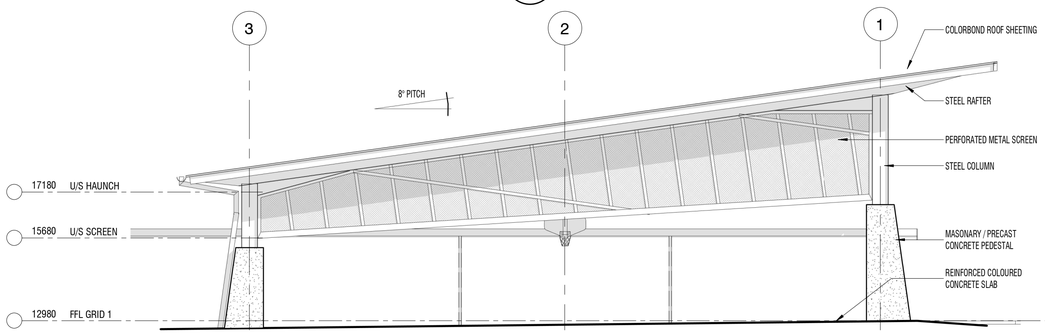
drawing
COLA PLAN AND PERSPECTIVE VIEW

project number	drawing number	revision
20033	DA-C-A100	2

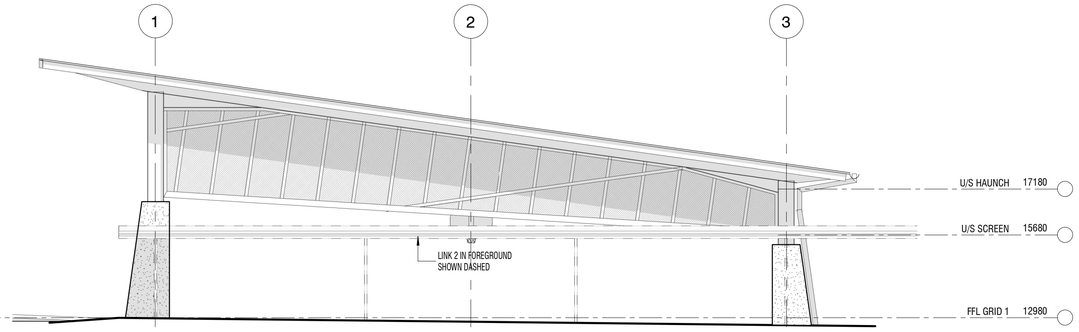
COL - COLUMN
DP - DOWNPIPE
SW PIT - STORMWATER PIT HEELSAFE



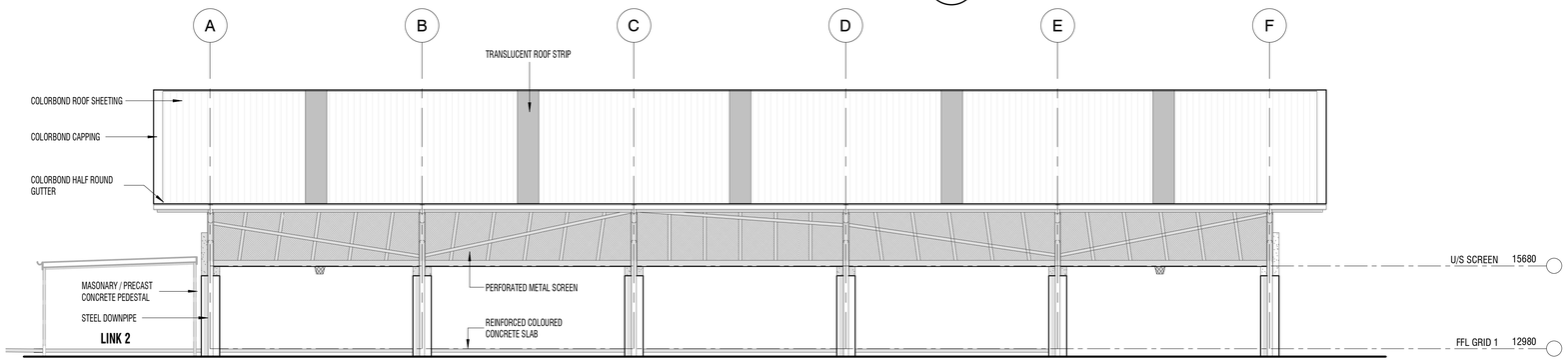
1 X-A150 **NORTH ELEVATION**
1 : 100



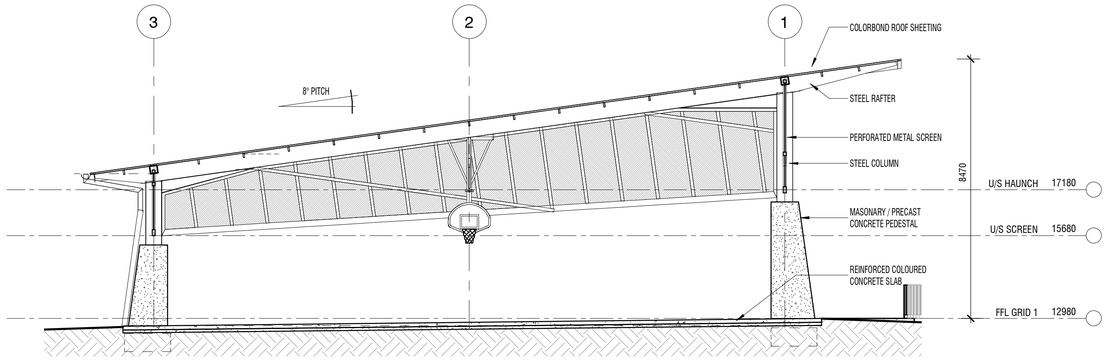
2 X-A150 **EAST ELEVATION**
1 : 100



3 X-A150 **WEST ELEVATION**
1 : 100



4 X-A150 **SOUTH ELEVATION**
1 : 100



5 C-A100 **SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20200\20033 - CHCCS JUNIOR SCHOOL CAMPUS\03_DRA REVIT\20033-C03_A.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD
Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au
Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au
ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

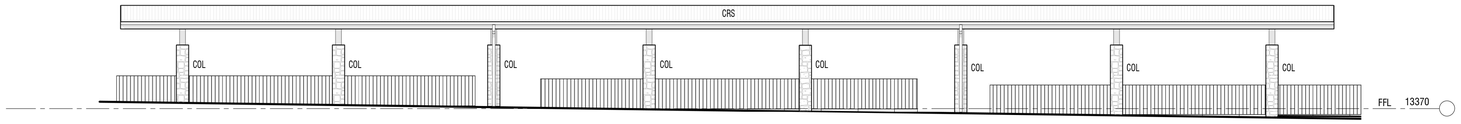
scale	1 : 100	@A1
drawn	WA	
checked	-	25/06/21
verified	-	25/06/21
approved	-	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:44:41 PM

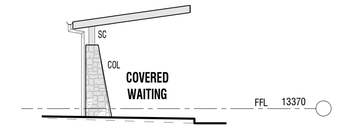
true north

drawing
COLA ELEVATIONS AND SECTION

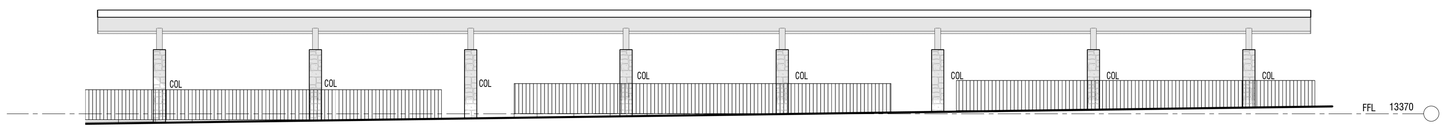
project number	drawing number	revision
20033	C-A400	1



3 **COVERED WAITING SOUTH ELEVATION**
1 : 100

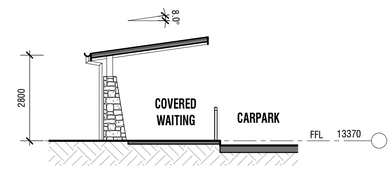


5 **EAST ELEVATION**
1 : 100

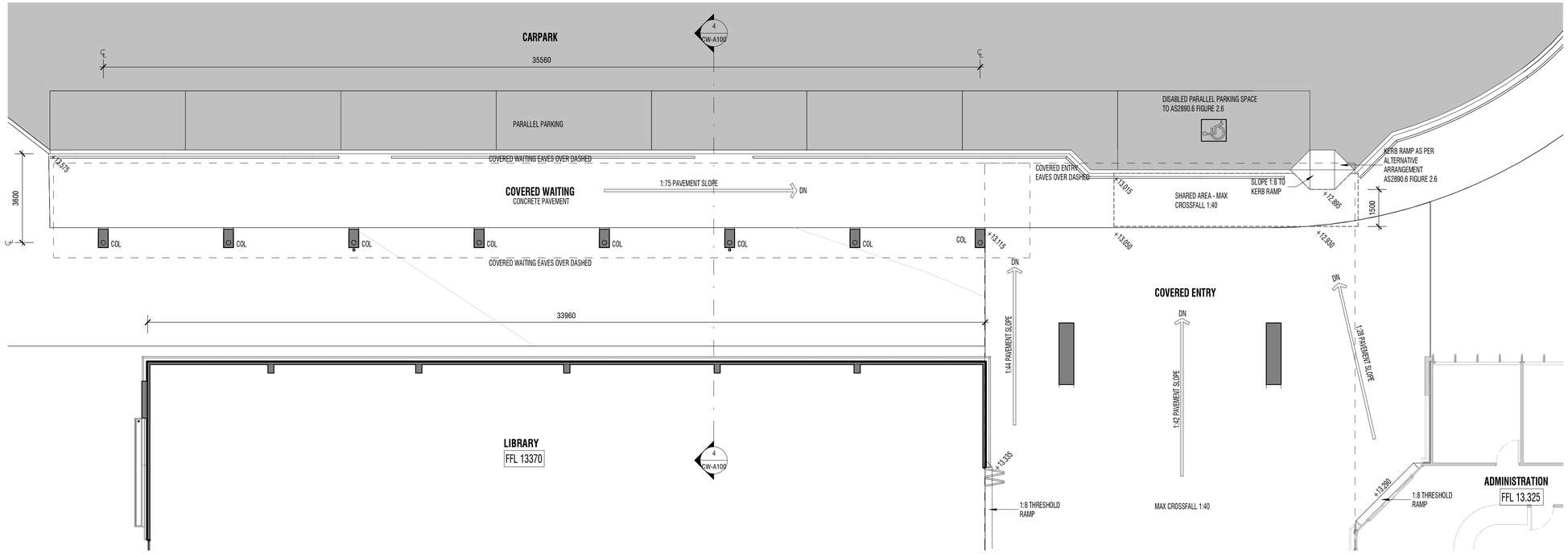


2 **COVERED WAITING NORTH ELEVATION**
1 : 100

REFER NORTH WEST PERSPECTIVE VIEW OF LIBRARY L-A100 FOR PERSPECTIVE VIEW OF COVERED WAITING



4 **COVERED WAITING SECTION**
1 : 100



1 **COVERED WAITING PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE, CONTROLLED, CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20202\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-LIBRARY.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
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dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WDA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

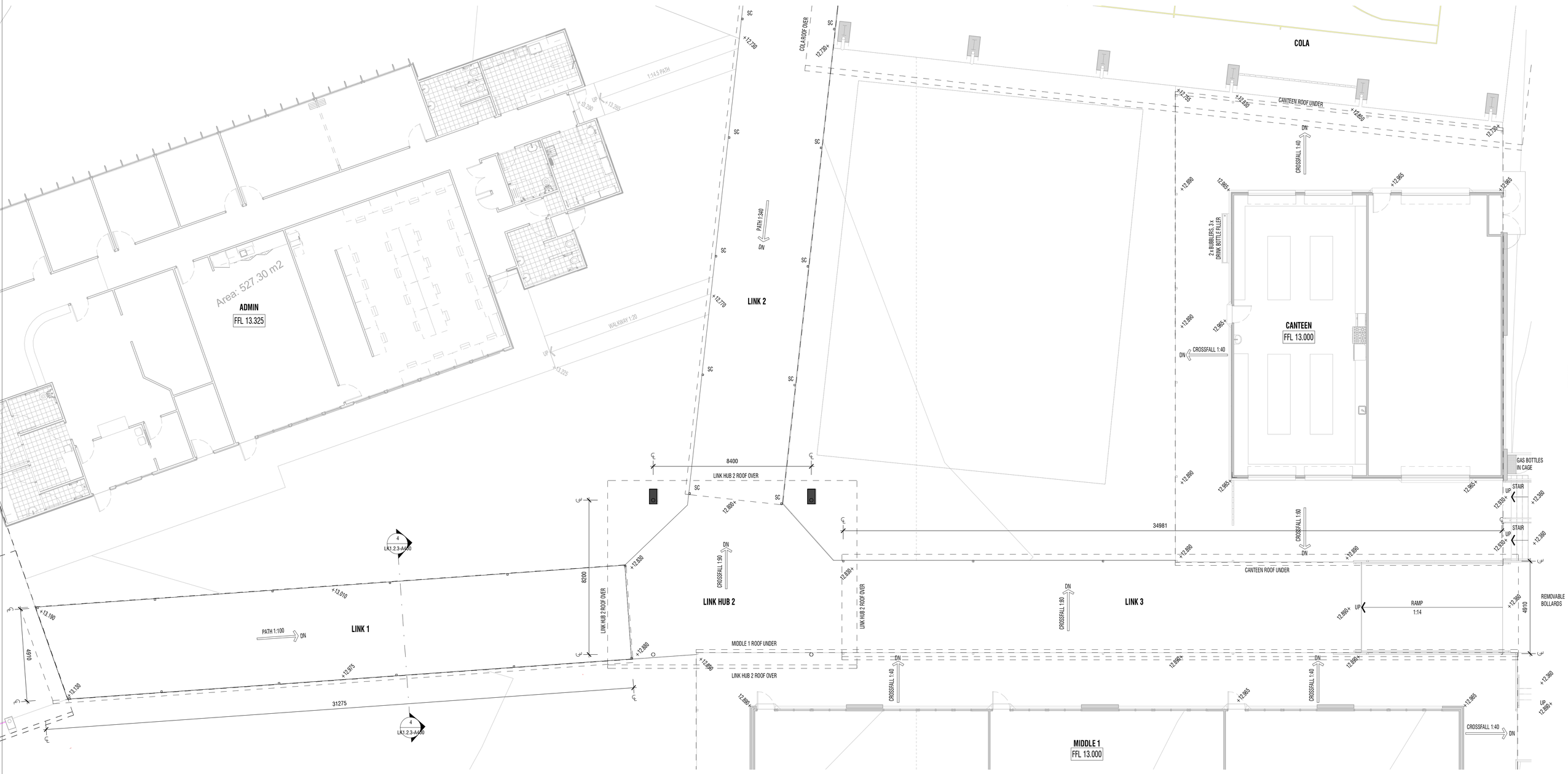
plotted 8/07/2021 2:51:47 PM

N

true north

drawing
COVERED WAITING PLAN, ELEVATIONS AND SECTION

project number	drawing number	revision
20033	CW-A100	1



1 **LINKS PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\2020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-LINK 1.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD

Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au

Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au

ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:55:22 PM

true north

drawing
LINK 1, LINK HUB 2, LINK 2 AND LINK 3 PLAN

project number	drawing number	revision
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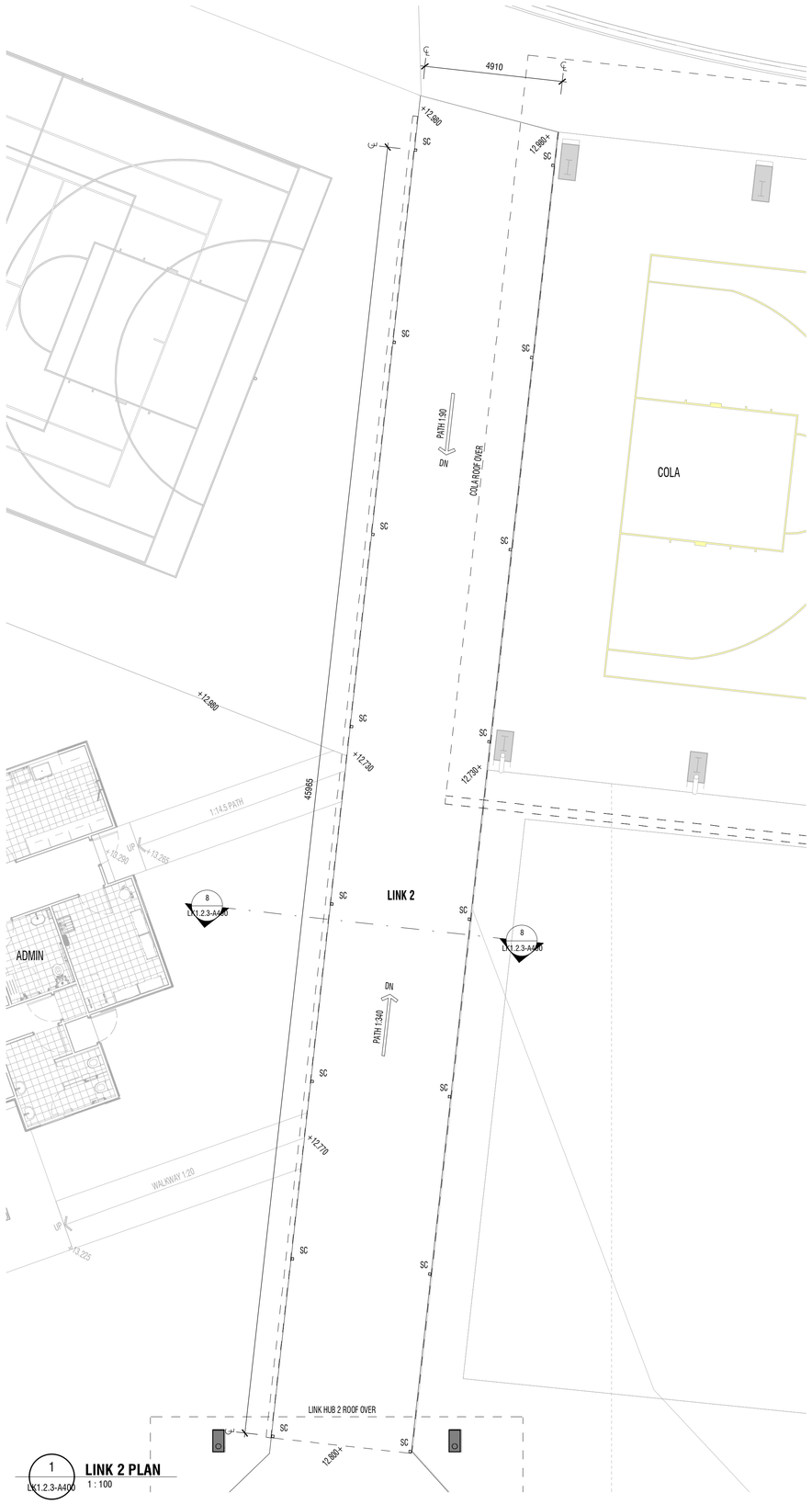

1 LK1.2.3-A400 **LINK 2 PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\0.0_DRA REVIT\20033-LINK 1.rvt

LEGEND

BAL	BALUSTRADE
CB	CONCRETE BLOCK
CBR	CONCRETE BLOCK RENDERED
CBS	CONCRETE BLOCK STACK BOND
CC	CONCRETE COLUMN
CFC	COMPRESSED FIBRE CEMENT
COL	COLUMN
CRS	COLORBOND ROOF SHEETING
DP	DOWNPIPE
FB	FACE BRICKWORK
FC	FIBRE CEMENT
FBS	FACE BRICK STACK BOND
FR	FRONTEK CERAMIC CLADDING
HR	HANDRAIL
PBD	PLASTERBOARD
PBD-W	PLASTERBOARD WET AREA GRADE
SC	STEEL COLUMN
SW PIT	STORMWATER PIT
V1	VINYL SHEET TYPE 1
V2	VINYL SHEET TYPE 2
VMC	VERTICAL METAL CLADDING
VP	VITRAPANEL CLADDING

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project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

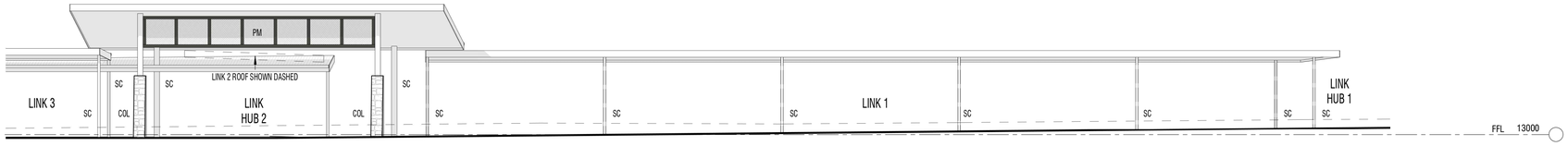
scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:55:27 PM

true north

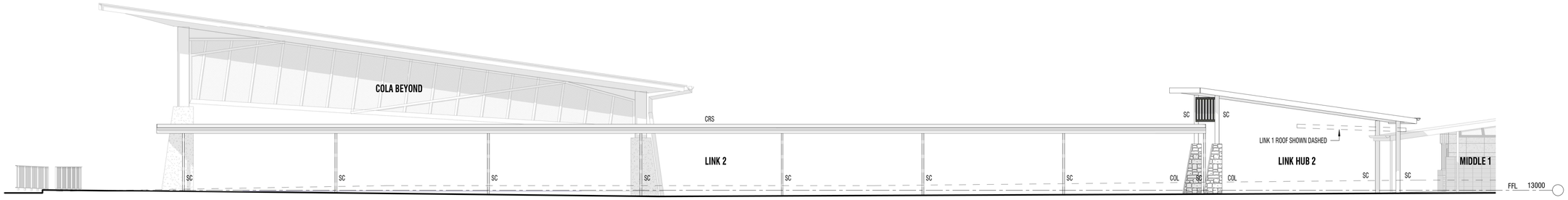
drawing
LINK 2 PLAN

project number	drawing number	revision
20033	LK1.2.3-A101	1

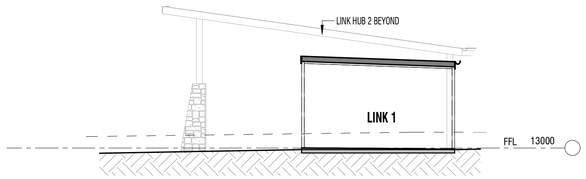


1 **LINK 1 NORTH ELEVATION**
1 : 100

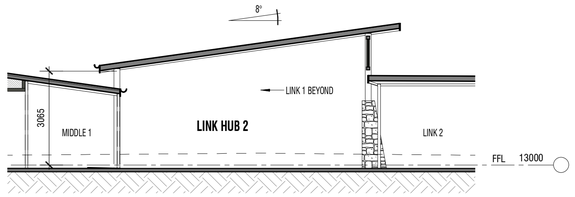
2 **LINK HUB 2 AND LINK 3 NORTH ELEVATION**
1 : 100



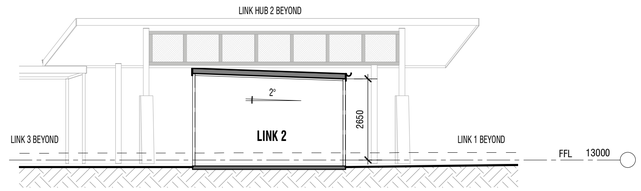
3 **LINK 2 WEST ELEVATION**
1 : 100



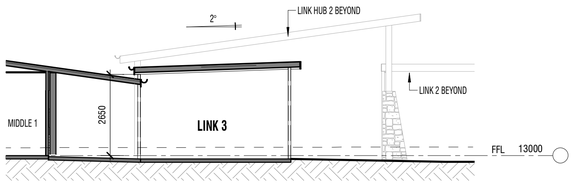
4 **LINK 1 SECTION**
LK1.2.3-A100 1 : 100



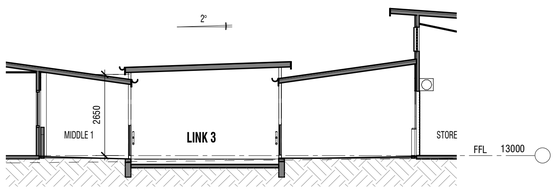
5 **LINK HUB 2 SECTION**
X-A150 1 : 100



8 **LINK 2 SECTION**
LK1.2.3-A100 1 : 100



6 **LINK 3 SECTION**
X-A150 1 : 100



7 **LINK 3 SECTION**
X-A150 1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20200\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3.0_DRA REVIT\20033-LINK 1.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

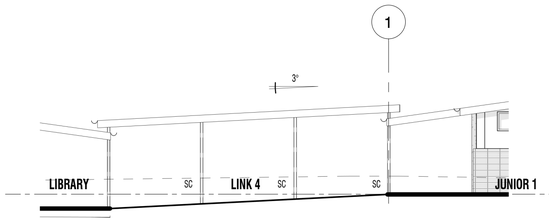
scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:55:34 PM

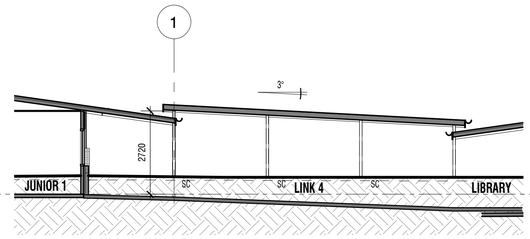
true north

drawing
LINKS 1, 2 & 3 & LINK HUB 2 ELEVATIONS & SECTIONS

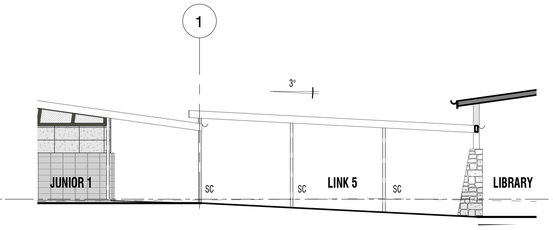
project number	drawing number	revision
20033	LK1.2.3-A400	1



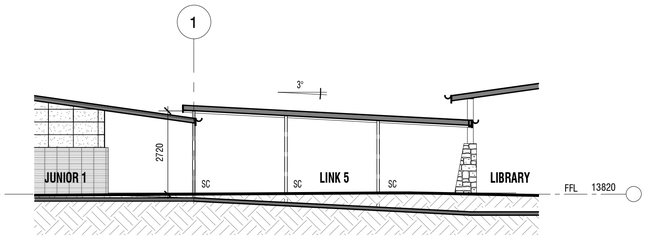
1 X-A150 **LINK 4 WEST ELEVATION**
1 : 100



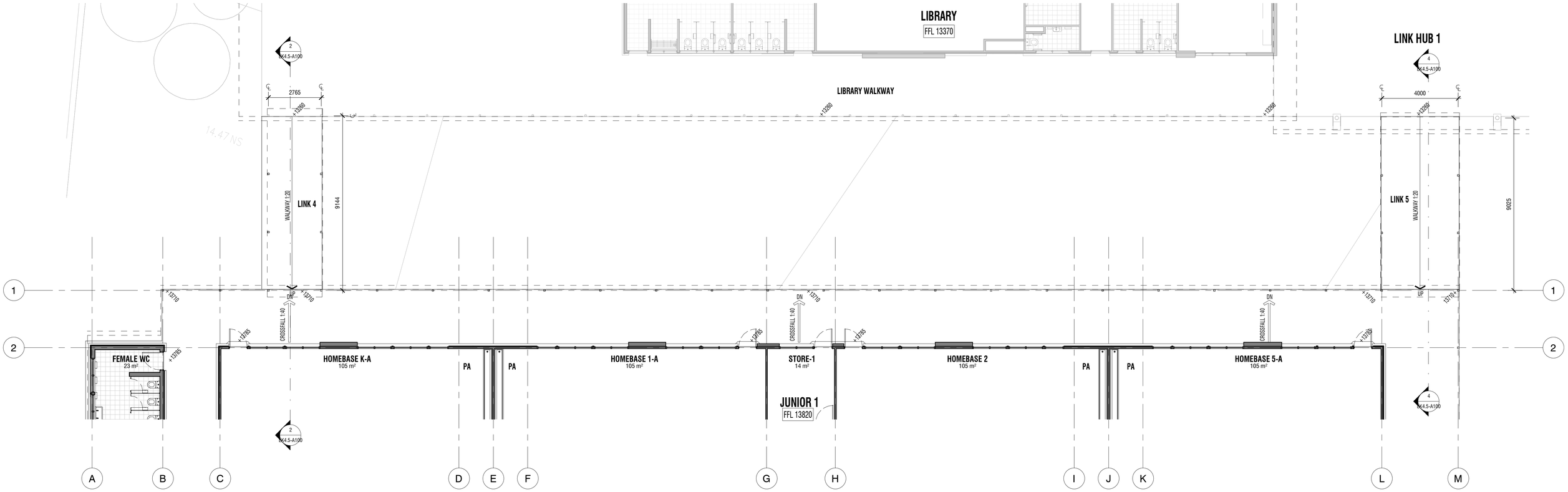
2 J1-A100 **LINK 4 SECTION**
1 : 100



3 X-A150 **LINK 5 EAST ELEVATION**
1 : 100



4 J1-A100 **LINK 5 SECTION**
1 : 100



5 J1-A400 **LINKS 4 AND 5 PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\20201\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-JUNIOR1.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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dracoffs@draarchitects.com.au

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dragrafton@draarchitects.com.au
ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

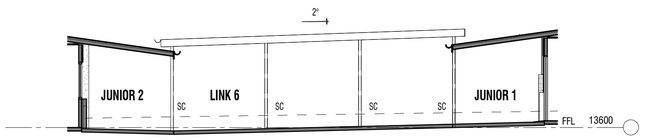
scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:47:16 PM

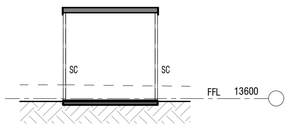
N
true north

drawing
LINKS 4 AND 5 PLANS, ELEVATIONS AND SECTIONS

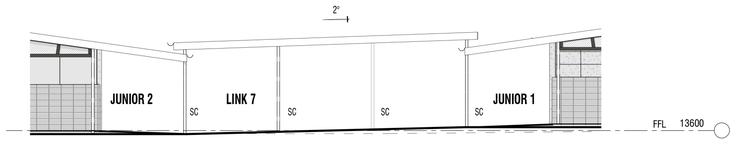
project number	drawing number	revision
20033	LK4.5-A100	1



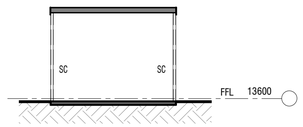
1 X-A150 **LINK 6 EAST ELEVATION**
1 : 100



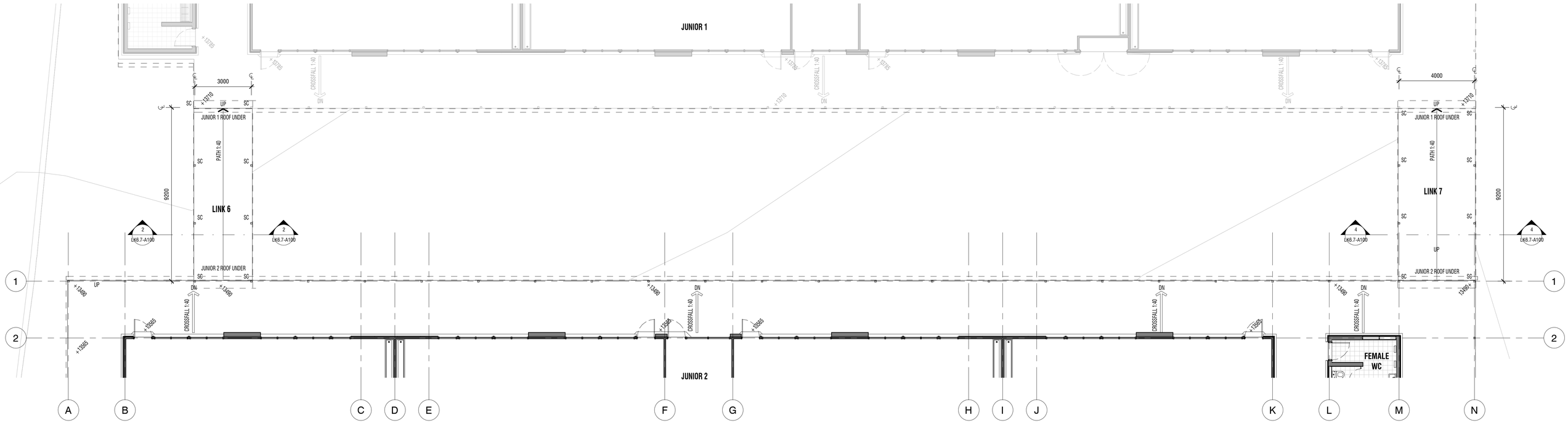
2 LK6.7-A100 **LINK 6 SECTION**
1 : 100



3 X-A150 **LINK 7 EAST ELEVATION**
1 : 100



4 LK6.7-A100 **LINK 7 SECTION**
1 : 100



5 J2-A400 **LINKS 6 AND 7 PLAN**
1 : 100

DA ISSUE

rev	date	details	initials	checked
D	29/04/21	INIALL MATERIALS UPDATED		
C	29/03/21	LEVELS AND CROSSFALLS ADDED		
B	08/02/21	PRELIMINARY ISSUE		
A	20/01/21	PRELIMINARY ISSUE		

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\2020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-JUNIOR2.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

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client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS

LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

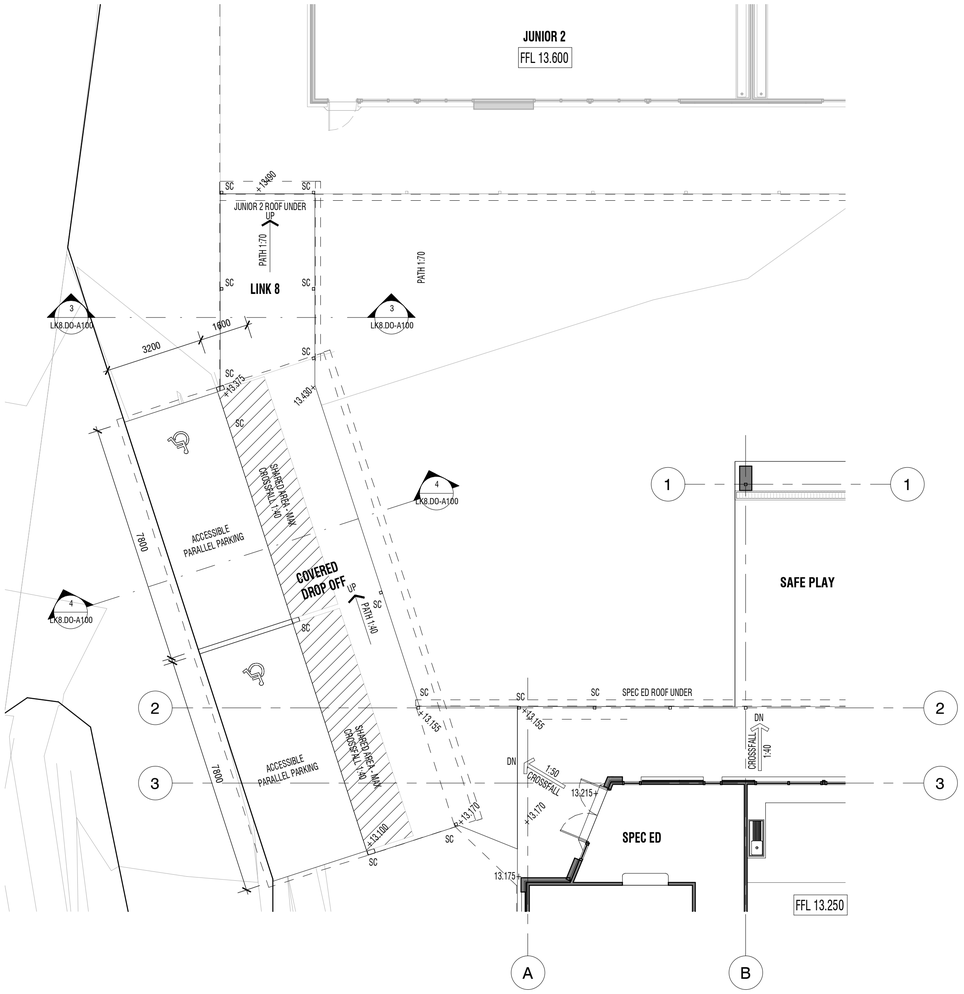
scale	1 : 100	@A1
drawn	WA	
checked	WA	29/04/21
verified	AB	29/04/21
approved	AB	29/04/21
total number of sheets	No	

plotted 8/07/2021 2:49:34 PM

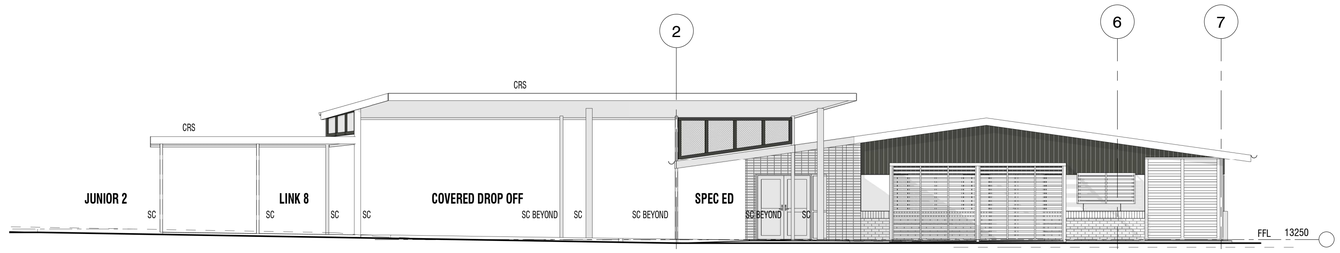
N
true north

drawing
LINKS 6 AND 7 PLANS, ELEVATIONS AND SECTIONS

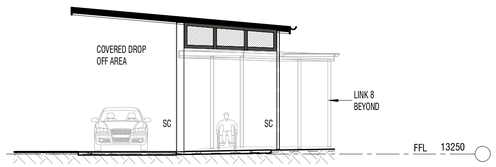
project number 20033 | drawing number LK6.7-A100 | revision D



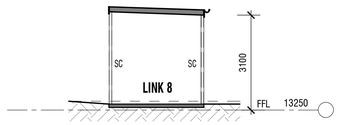
1 LK8.DO-A100 **LINK 8 AND COVERED DROP AREA PLAN**
1 : 100



2 **LINK 8 AND COVERED DROP OFF WEST ELEVATION**
1 : 100



4 LK8.DO-A100 **COVERED DROP OFF AREA SECTION**
1 : 100



3 LK8.DO-A100 **LINK 8 SECTION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
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client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

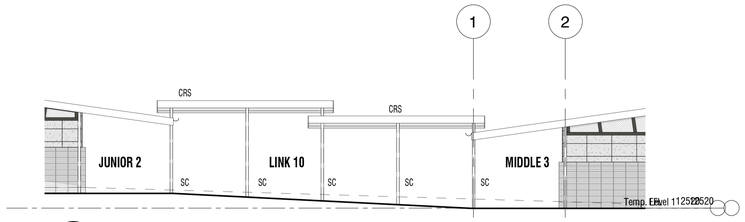
project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

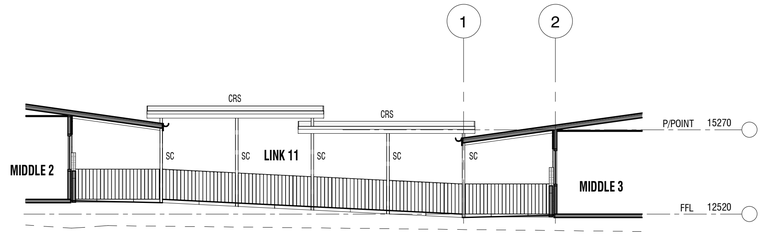
plotted 8/07/2021 3:21:35 PM
N
true north

drawing
LINK 8 & DROP OFF PLAN, ELEVATION AND SECTION

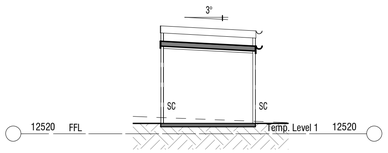
project number	drawing number	revision
20033	LK8.DO-A100	1



1 **LINK 10 WEST ELEVATION**
1 : 100



2 **LINK 11 WEST ELEVATION**
1 : 100



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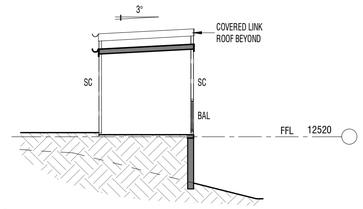
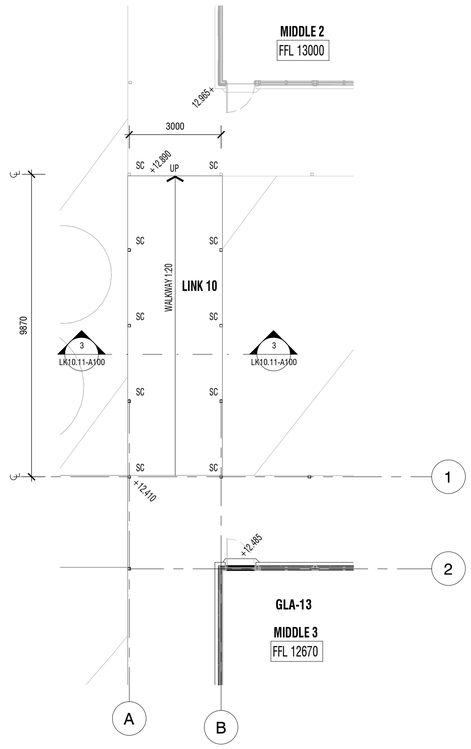
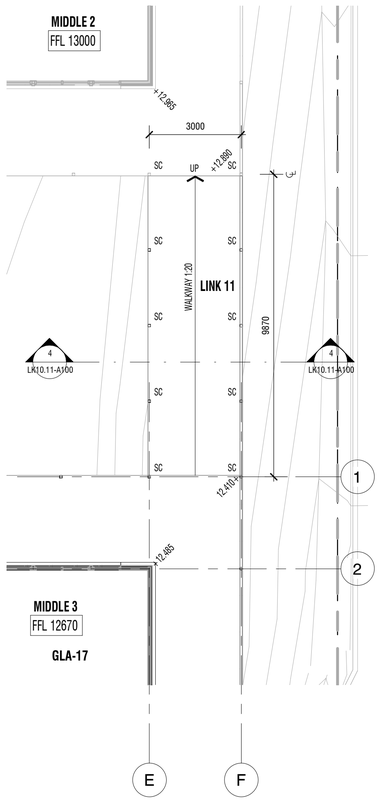
LK10.11-A100 1 : 100



4 **LINK 11 SECTION**
LK10.11-A100 1 : 100



5 **LINK 10 PLAN**
LK10.11-A100 1 : 100



6 **LINK 11 PLAN**
LK10.11-A100 1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25.06.21	DA ISSUE - CONTROLLED - CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

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LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
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		VP	VITRAPANEL CLADDING

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client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

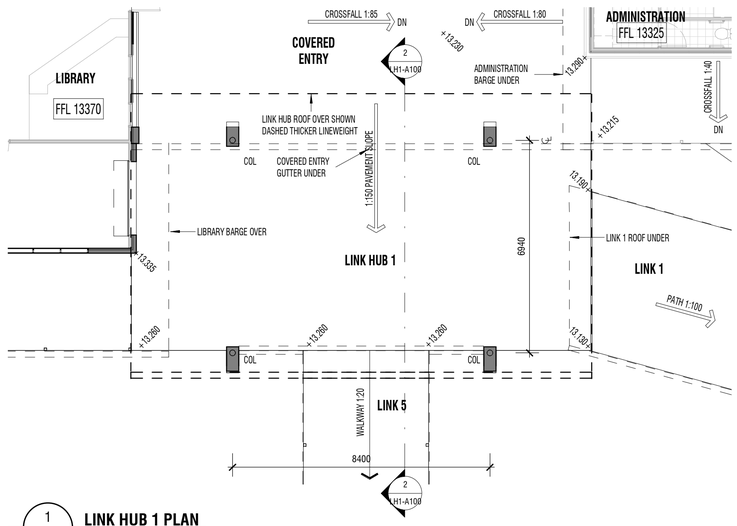
plotted 8/07/2021 3:03:14 PM

true north

drawing
LINK 10 AND 11 PLAN, ELEVATION AND SECTION

project number	drawing number	revision
20033	LK10.11-A100	1

SOUTH EAST PERSPECTIVE VIEW



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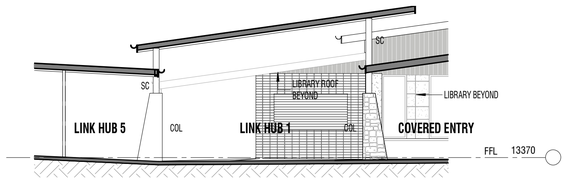

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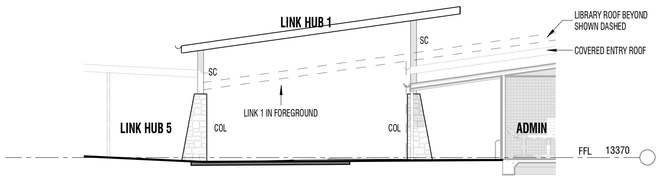

3 X-A150 **LINK HUB 1 EAST ELEVATION**
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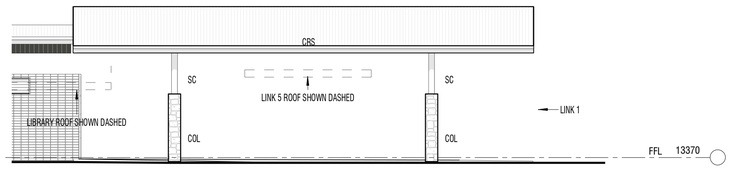


4 **LINK HUB 1 SOUTH ELEVATION**
1 : 100

DA ISSUE

rev	date	details	initials	checked
1	25/06/21	DA ISSUE, CONTROLLED, CHANGES WILL BE ADVISED	WA	AB

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\2020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\3_DRA REVIT\20033-LIBRARY.rvt

LEGEND

BAL	BALUSTRADE	FC	FIBRE CEMENT
CB	CONCRETE BLOCK	FBS	FACE BRICK STACK BOND
CBR	CONCRETE BLOCK RENDERED	FR	FRONTEK CERAMIC CLADDING
CBS	CONCRETE BLOCK STACK BOND	HR	HANDRAIL
CC	CONCRETE COLUMN	PBD	PLASTERBOARD
CFC	COMPRESSED FIBRE CEMENT	PBD-W	PLASTERBOARD WET AREA GRADE
COL	COLUMN	SC	STEEL COLUMN
CRS	COLORBOND ROOF SHEETING	SW PIT	STORMWATER PIT
DP	DOWNPIPE	V1	VINYL SHEET TYPE 1
FB	FACE BRICKWORK	V2	VINYL SHEET TYPE 2
		VMC	VERTICAL METAL CLADDING
		VP	VITRAPANEL CLADDING

DRAARCHITECTS PTY LTD
Adrian Borsato NSW 4172
(02) 6651 4905
dracoffs@draarchitects.com.au
Warren Steele NSW 6526
(02) 6643 4939
dragrafton@draarchitects.com.au
ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

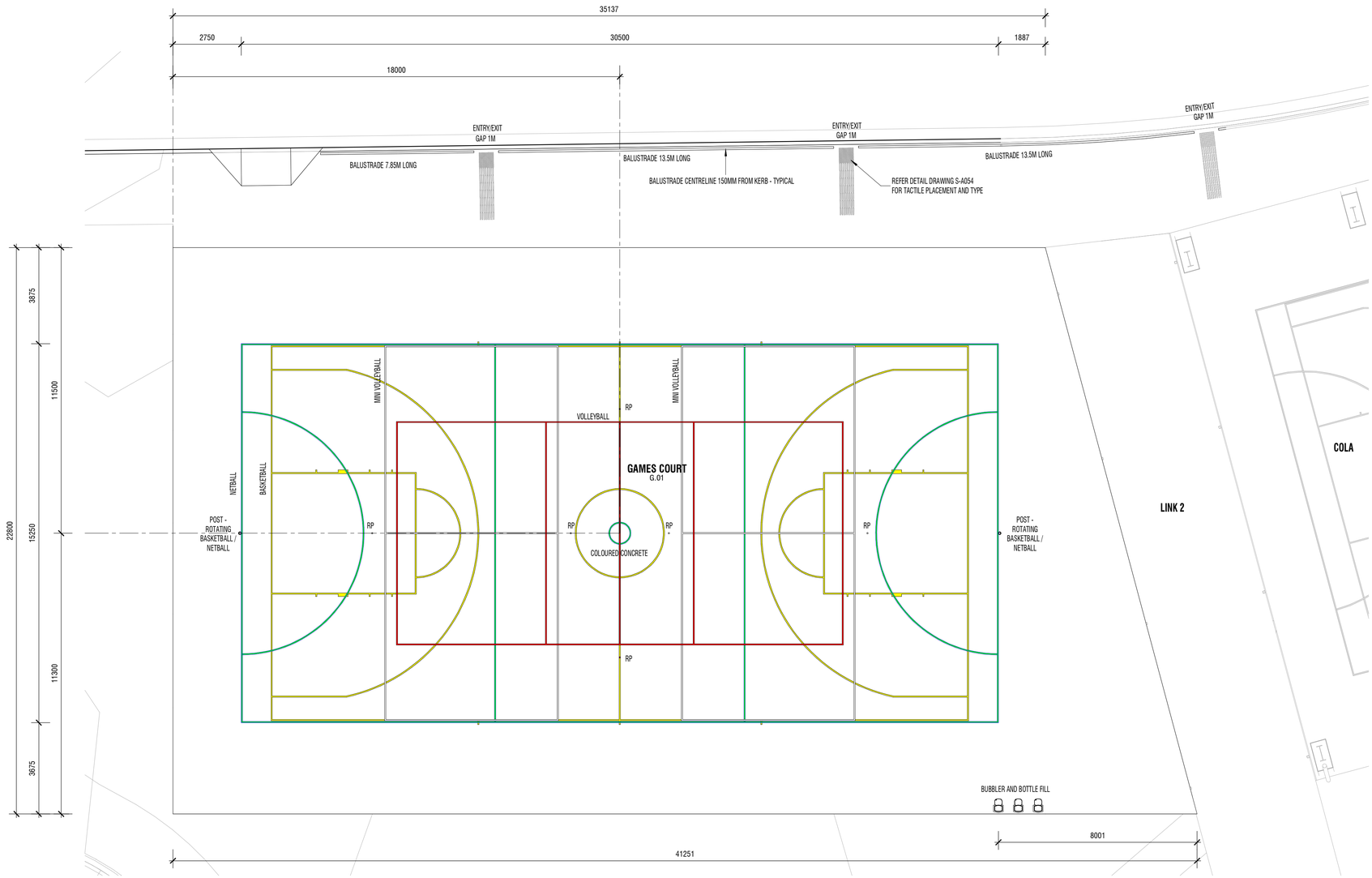
scale	1 : 100	@A1
drawn	WDA	
checked	WA	25/06/21
verified	AB	25/06/21
approved	AB	25/06/21
total number of sheets	No	

plotted 8/07/2021 2:52:19 PM
N
true north

drawing
LINK HUB PLAN, ELEVATIONS AND SECTIONS

project number	drawing number	revision
20033	LH1-A100	1

GAMES COURT



1 **GAMES COURT PLAN**
1 : 100

NOTE GAMES POSTS
PROVIDE LOCALISED THICKENING OF SLAB UNDER POSTS AND REMOVABLE POSTS TO ENGINEERS DETAILS

NOTE LEVELS
REFER CIVIL DRAWINGS FOR ALL COURT LEVELS

NOTE GRATED DRAINS AND PITS
REFER CIVIL DRAWINGS FOR ALL GRATED DRAINS AND PITS

DA ISSUE

rev	date	details	initials	checked
1	06/09/22	DA ISSUE		

CONTROLLED - CHANGES WILL BE ADVISED

V:\Projects\2020\20033 - CHCCS JUNIOR SCHOOL CAMPUS\0.3_DRA REVIT\DA-20033-GAMES.rvt

LEGEND

BAL	BALUSTRADE	FB	FACE BRICKWORK	SKT	SKIRTING TIMBER
CB	CONCRETE BLOCK	FC	FIBRE CEMENT	SKCT	SKIRTING CERAMIC TILE
CBR	CONCRETE BLOCK RENDERED	FBS	FACE BRICK STACK BOND	SKV	SKIRTING VINYL
CBS	CONCRETE BLOCK STACK BOND	FG	FIXED GLAZING	SP	STONE PEDESTAL
CC	CONCRETE COLUMN	FR	FRONTEK CERAMIC CLADDING	SW PIT	STORMWATER PIT
CFC	COMPRESSED FIBRE CEMENT	HR	HANDRAIL	V1	VINYL SHEET TYPE 1
COL	COLUMN	PBD	PLASTERBOARD	V2	VINYL SHEET TYPE 2
CP	CONCRETE PANEL	PBD-i	PLASTERBOARD IMPACT RESISTANT	VMC	VERTICAL METAL CLADDING
CRS	COLORBOND ROOF SHEETING	PBD-W	PLASTERBOARD WET AREA GRADE	VP	VITRAPANEL CLADDING
DP	DOWNPIPE	PS	PERFORATED METAL SCREEN		
		RP	REMOVABLE POST		
		SC	STEEL COLUMN		

DRA ARCHITECTS PTY LTD
Adrian Borsato NSW 4175
(02) 6651 4905
dracoffs@draarchitects.com.au
Warren Steele NSW 6526
(02) 6643 4939
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ABN 12 096 929 387

client
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

project
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION RD, BONVILLE

scale	1 : 100	@A1
drawn	WDA	
checked	-	06/09/22
verified	-	06/09/22
approved	-	06/09/22
total number of sheets	No	

plotted 6/09/2022 4:43:42 PM
true north

drawing
GAMES COURT PLAN

project number **20033** drawing number **DA-G-A100** revision **1**

LEGEND

- Shade tree
- Medium tree
- Small tree
- Garden
- Turf

NOTE

1. Garden areas and tree locations are indicative only and will require detailed design documentation
2. External seating, shade structures etc. to be implemented as per exempt development guidelines.

Rev.	Description	Date	Des.	App.	Chk.

Amendments

GeoLINK environmental management and design

Lennox Head Office
PO Box 119
Lennox Head NSW 2478
Tel: 02 6687 7666

Coffs Harbour Office
PO Box 1446
Coffs Harbour NSW 2450
Tel: 02 6651 7666

Armidale Office
PO Box 1267
Armidale NSW 2350
Tel: 02 6772 0454

Lismore Office
PO Box 229
Lismore NSW 2480
Tel: 02 6621 6677

www.geolink.net.au

Email: info@geolink.net.au

quality solutions **sustainable** future

Project Title

New Junior Campus

Client

CHCCS Bonville

Designed	RE	Drawn	RE	Checked	AB
Approved	RE	Date	20/04/2021		
XREFs					

Scale

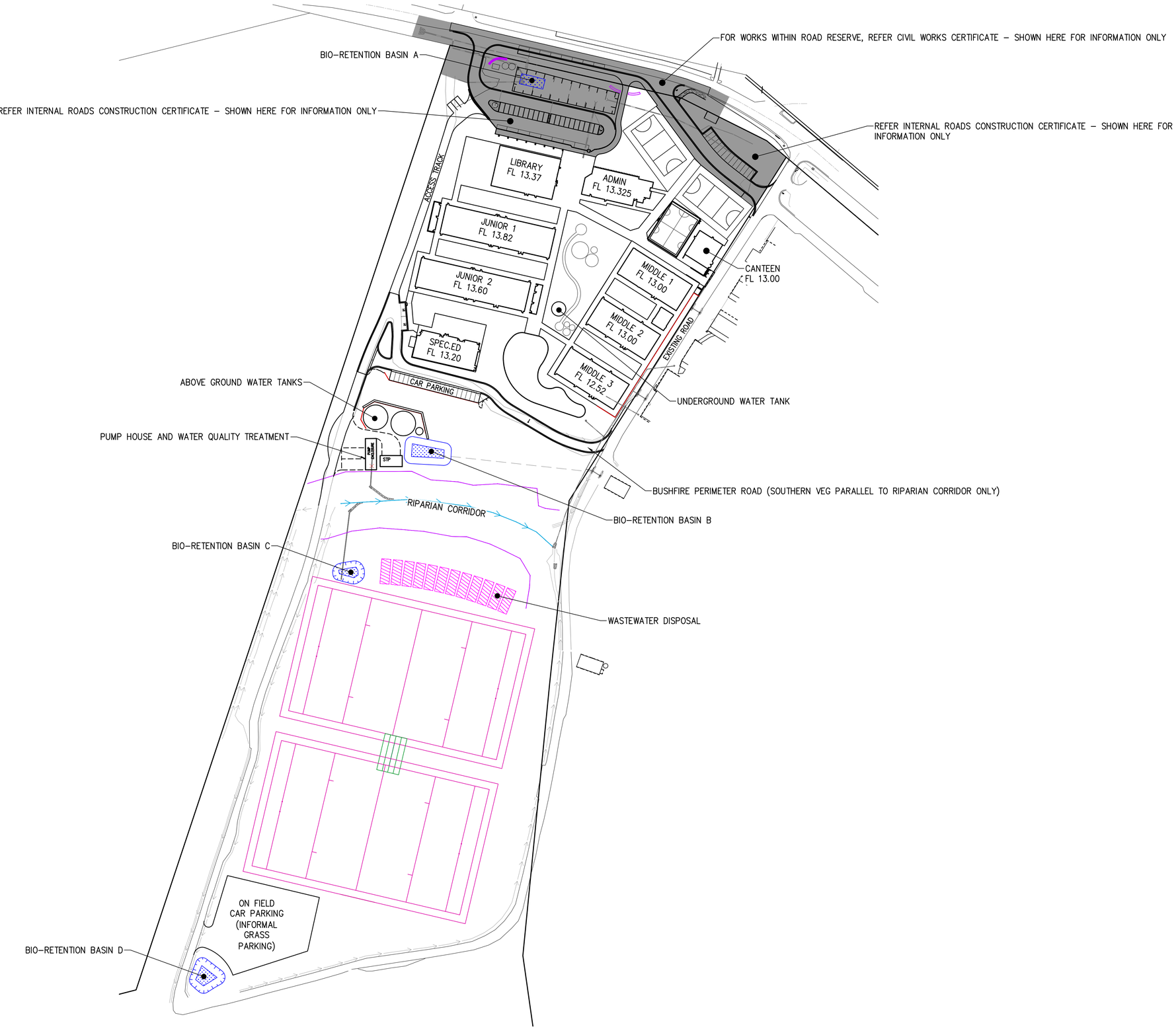
metres 0 5 10 15 20 25

Drawing Title

Development Application
Overall Site Plan

Drawing Number *Revision*

DA-02



REV.	DATE	REVISION	DRN	DES	CHK	APP
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson

Consulting Engineers & Planners

A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450

Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

Scale: AS SHOWN		Cad File No.: 18093 Civil.dwg	
Surveyed		Datum: AHD	
Drawn: MLK	Designed: MLK	Date: MAR 2021	
Checked: GPB	Approved: GPB	No. of dwgs	

Client: CHRISTIAN COMMUNITY

Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Title: GENERAL ARRANGEMENT

Project No. 18093

Drawing No. DA-03

Amendment No. A

LEGEND

DESIGN LEVELS 13.00 ×

PROPOSED STORMWATER PIT LABEL (B2-1)

PROPOSED STORMWATER LINES

EXISTING STORMWATER LINES

PRE-DEVELOPED CATCHMENT DIVIDE 11797m²

DEVELOPED CATCHMENT DIVIDE 11050m²

WORKS NOT WITHIN SCOPE FOR DEVELOPMENT APPROVAL, REFER TO CIVIL WORKS OR CONSTRUCTION CERTIFICATE. SHOWN FOR INFORMATION ONLY.

NOTES:

1. Bio-retention basins to be constructed during initial works for use as sediment basins. Refer to Internal Road Works Construction Certificate for details.
2. Upon completion of initial stage of school buildings, basins are to converted to a bio-retention basin.

STORMWATER MANAGEMENT NOTES

Stormwater management for this development complies with Coffs Harbour city council WSUD policy, specifically:

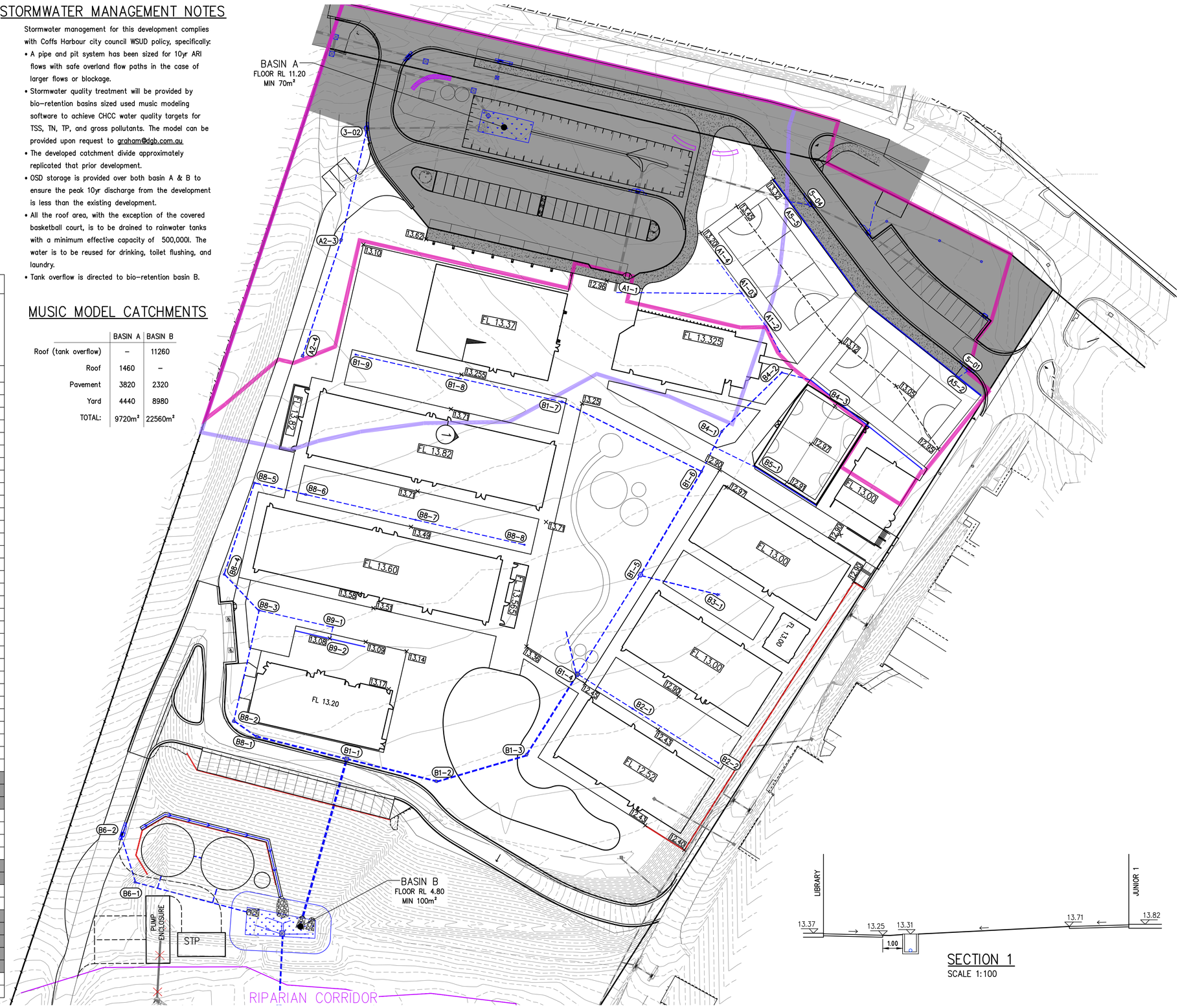
- A pipe and pit system has been sized for 10yr ARI flows with safe overland flow paths in the case of larger flows or blockage.
- Stormwater quality treatment will be provided by bio-retention basins sized used music modeling software to achieve CHCC water quality targets for TSS, TN, TP, and gross pollutants. The model can be provided upon request to graham@dgb.com.au
- The developed catchment divide approximately replicated that prior development.
- OSD storage is provided over both basin A & B to ensure the peak 10yr discharge from the development is less than the existing development.
- All the roof area, with the exception of the covered basketball court, is to be drained to rainwater tanks with a minimum effective capacity of 500,000l. The water is to be reused for drinking, toilet flushing, and laundry.
- Tank overflow is directed to bio-retention basin B.

MUSIC MODEL CATCHMENTS

	BASIN A	BASIN B
Roof (tank overflow)	–	11260
Roof	1460	–
Pavement	3820	2320
Yard	4440	8980
TOTAL:	9720m²	22560m²

Stormwater Network Report Return Period: 10%yrs

Pit Names	Pit Type	Top of Pit (TOK for Road Pits)	Pit Invert	Pipe Diameter	Pipe Class	Pipe Length	Pipe Slope	Pipe Flow
		RL	RL	(mm)		(m)	(%)	(l/s)
B1-HW	HEADWALL	4.80						
B1-1	900 GRATED PIT	12.76	10.95	525	Class 2 RRJ	41.6	14.5	324.8
B1-2	600 GRATED PIT	12.56	11.07	450	Class 2 RRJ	23.4	0.5	271.3
B1-3	600 GRATED PIT	12.48	11.39	450	Class 2 RRJ	23.5	1.4	255.3
B1-4	600 GRATED PIT	12.64	11.51	450	Class 2 RRJ	23.9	0.5	218.1
B1-5	600 GRATED PIT	12.98	11.65	450	Class 2 RRJ	29.8	0.5	179.0
B1-6	450 GRATED PIT	12.99	11.80	375	PVC	30.1	0.5	141.8
B1-7	450 GRATED PIT	13.31	12.20	150	PVC	39.4	1.0	20.8
B1-8	300 GRATED PIT	13.31	12.47	150	PVC	26.7	1.0	15.7
B1-9	300 GRATED PIT	13.31	12.77	100	PVC	26.7	1.1	5.5
B2-1	300 GRATED PIT	12.48	11.64	150	PVC	16.5	0.8	15.7
B2-2	300 GRATED PIT	12.48	11.92	100	PVC	25.6	1.1	5.9
B3-1	300 GRATED PIT	12.80	12.06	150	PVC	20.3	2.0	11.9
B4-TEE	TEE	12.94	11.84	300	PVC	7.0	0.5	91.5
B4-1	300 GRATED PIT	12.90	11.86	300	PVC	4.3	0.5	65.0
B4-2	300 GRATED PIT	13.12	11.97	300	PVC	21.3	0.5	53.2
B4-3	CAST-IN GRATED DRAIN	12.90	12.01	225	PVC	7.6	0.5	26.6
B5-1	CAST-IN GRATED DRAIN	12.90	11.90	150	PVC	11.7	0.5	26.6
B6-HW	HEADWALL	4.80						
B6-1	450 GRATED PIT	6.72	5.57	225	PVC	29.2	2.3	62.4
B6-2	KERB INLET PIT	8.48	6.76	150	PVC	12.6	9.5	50.1
B8-1	450 GRATED PIT	12.91	11.54	300	PVC	23.3	2.5	96.0
B8-2	450 GRATED PIT	12.59	11.64	300	PVC	6.9	1.5	84.8
B8-3	450 GRATED PIT	13.36	12.34	225	PVC	28.7	2.4	65.3
B8-4	450 GRATED PIT	13.65	12.41	225	PVC	12.7	0.5	60.4
B8-5	450 GRATED PIT	13.98	12.56	225	PVC	24.1	0.6	35.3
B8-6	450 GRATED PIT	13.54	12.63	225	PVC	13.2	0.5	27.0
B8-7	300 GRATED PIT	13.54	12.77	150	PVC	28.3	0.5	17.4
B8-8	300 GRATED PIT	13.54	12.91	150	PVC	28.3	0.5	6.4
B9-1	300 GRATED PIT	13.05	12.48	150	PVC	19.1	0.7	8.7
B9-2	CAST-IN GRATED DRAIN	13.08	12.51	100	PVC	2.9	0.9	0.0
4-3	HEADWALL	11.39						
4-2	KERB INLET PIT	12.35	11.35	600	STORMPRO	5.1	1.0	82.6
4-1	STUB	13.11	11.61	600	STORMRPO	26.2	1.0	82.7
A1-1	300 GRATED PIT	13.17	11.93	300	PVC	32.1	1.0	82.7
A1-2	300 GRATED PIT	13.22	12.67	100	PVC	10.4	7.2	2.9
A2-1	300 GRATED PIT	13.14	12.03	225	PVC	10.1	1.0	53.2
A2-2	300 GRATED PIT	13.18	12.10	150	PVC	7.4	1.0	26.6
3-01	HEADWALL	11.41						
3-02	KERB INLET PIT	12.31	11.49	300	STORMPRO	27.5	0.7	149.5
A3-1	450 GRATED PIT	13.87	12.57	225	PVC	28.9	3.7	55.5
A3-2	450 GRATED PIT	14.51	13.60	225	PVC	30.9	3.3	16.4
5-1	KERB INLET PIT	12.71	11.80	225	PVC	14.0	0.5	44.8
5-2	KERB INLET PIT	12.49	11.73	375	PVC	36.2	0.5	71.2
5-3	KERB INLET PIT	13.00	11.55	375	PVC	15.9	0.5	82.3
5-4	KERB INLET PIT	13.22	11.47	375	PVC	37.5	0.5	113.8
5-5	KERB INLET PIT	11.20						
A5-2	CAST-IN GRATED DRAIN	12.82	12.10	150	PVC	3.2	9.2	0.5
A5-5	CAST-IN GRATED DRAIN	13.26	12.51	150	PVC	5.3	19.4	23.5



SECTION 1
SCALE 1:100

10 0 10 20 30 40 50
SCALE OF METRES 1:500 (A1) 1:1000(A3)

REV.	DATE	REVISION	DRN	DES	CHK	APP
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson
Consulting Engineers & Planners
A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450
Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

Scale: AS SHOWN
Cad File No.: 18093 Civil.dwg
Surveyed
Datum: AHD
Drawn
Designed
Date
Checked
Approved
No. of dwgs

Client: CHRISTIAN COMMUNITY

Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Title: STORMWATER MANAGEMENT PLAN

Project No. 18093
Drawing No. DA-07
Amendment No. A

LEGEND

- PROPOSED ROOFWATER LINES — RW
- SEALED ROOFWATER INSPECTION PIT
- PROPOSED STORMWATER
- EXISTING STORMWATER
- WORKS NOT WITHIN SCOPE FOR DEVELOPMENT APPROVAL, REFER TO CIVIL WORKS OR CONSTRUCTION CERTIFICATE. SHOWN FOR INFORMATION ONLY.

N

NOTES:

1. Sediment basins to be converted to bio-retention basins (A & B) upon completion of Stage 1 Building Works.
2. Roof-water lines are drained to water tanks for use as fire fighting and potable water after treatment.
3. Ground and surface stormwater is drained to bio-basins.

10 0 10 20 30 40 50

SCALE OF METRES 1:500 (A1) 1:1000(A3)

REV.	DATE	REVISION	DRN	DES	CHK	APP
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson

Consulting Engineers & Planners

A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450

Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

Scale: AS SHOWN	Cad File No.: 18093 Civil.dwg	
Surveyed	Datum: AHD	
Drawn	Designed	Date
Checked	Approved	No. of dwgs

Client: CHRISTIAN COMMUNITY

Title: STORMWATER MANAGEMENT PLAN STAGE 1

Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Project No. 18093

Drawing No. DA-08

Amendment No. A

LEGEND

- PROPOSED ROOFWATER LINES — RW
- SEALED ROOFWATER INSPECTION PIT
- PROPOSED STORMWATER
- EXISTING STORMWATER
- WORKS NOT WITHIN SCOPE FOR DEVELOPMENT APPROVAL, REFER TO CIVIL WORKS OR CONSTRUCTION CERTIFICATE. SHOWN FOR INFORMATION ONLY.

N

NOTES:

1. Sediment basins to be converted to bio-retention basins (A & B) upon completion of Stage 1 Building Works.
2. Roof-water lines are drained to water tanks for use as fire fighting and potable water after treatment.
3. Ground and surface stormwater is drained to bio-basins.

10 0 10 20 30 40 50

SCALE OF METRES 1:500 (A1) 1:1000(A3)

REV.	DATE	REVISION	DRN	DES	CHK	APP
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson

Consulting Engineers & Planners

A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450

Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

Scale: AS SHOWN	Cad File No.: 18093 Civil.dwg	
Surveyed	Datum: AHD	
Drawn	Designed	Date
Checked	Approved	No. of dwgs

Client: CHRISTIAN COMMUNITY

Title: STORMWATER MANAGEMENT PLAN STAGE 2

Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Project No. 18093

Drawing No. DA-09

Amendment No. A

LEGEND

DESIGN STORMWATER LINES

EXISTING STORMWATER LINES

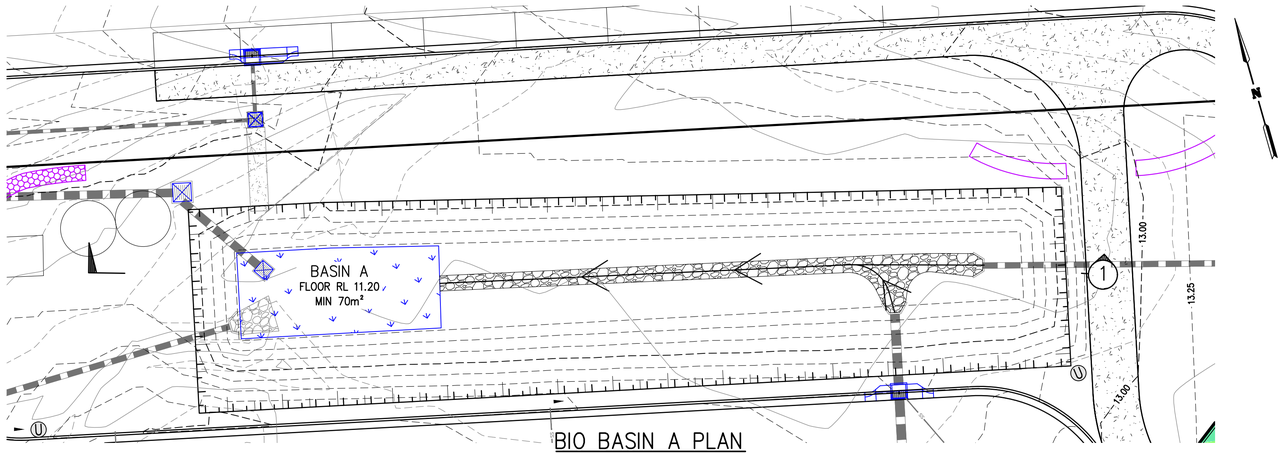
NOTES:

1. Basin A is to be constructed during initial works for use as a sediment basin. Refer to Internal Road Works Construction Certificate for details.
2. Upon completion of initial stage of school buildings, basin is to converted to a bio-retention basin.

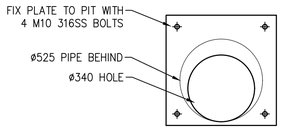
BIO-RETENTION PLANTING SCHEDULE – BASIN A

6 PLANTS/m²

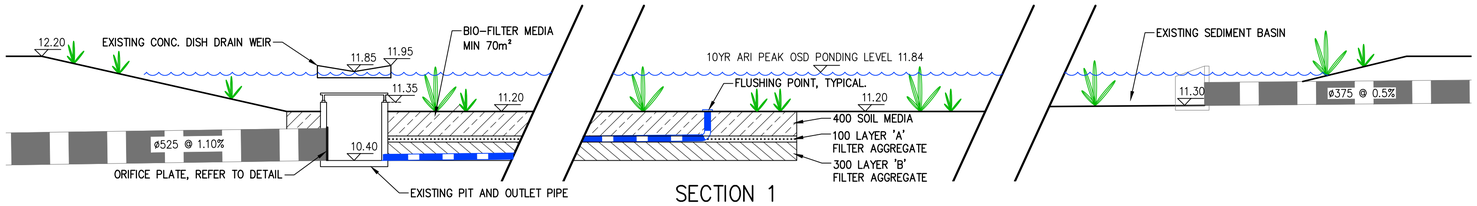
LOCATION	PLANTS SPECIES	FORM	No.
BASIN FLOOR	FICINIA NODOSA	TUBE	420



BIO BASIN A PLAN
SCALE 1:200



ORIFICE PLATE DETAIL
(N.T.S)
600 x 600 x 10 ALUMINIUM PLATE WITH ø310 MACHINE CUT ORIFICE FIX AND SEAL/GROUT TO FACE OF PIT OVER ø525 OUTLET.



SECTION 1
SCALE 1:50

BIO RETENTION SPECIFICATION

THIS SPECIFICATION APPLIES TO THE CONSTRUCTION OF BIO RETENTION AREAS. IT INCLUDES PREPARATION, MATERIALS AND CONSTRUCTION REQUIREMENTS. BIO-RENTENTION AREA TO BE CONSTRUCTED AT THE COMPLETION AND STABILSATION OF THE SITE.

BIO-RETENTION SOIL MEDIA

THE SOIL FILTRATION LAYER IS TO BE PLACED IN LIFTS NOT EXCEEDING 150mm. SOIL FILTRATION LAYER MATERIAL SHALL HAVE:

SATURATED HYDRAULIC CONDUCTIVITY IN THE RANGE 50-300mm/hr WHEN COMPACTED.

PARTICLE SIZE DISTRIBUTION		
FUNCTION	PORTION SIZE (mm)	PORTION BY WEIGHT (%)
CLAY & SILT	<0.05	<6
VERY FINE SAND	0.05-0.15	5-30
FINE SAND	0.15-0.25	10-30
MEDIUM COURSE SAND	0.25-1.0	40-60
COARSE SAND	1.0-2.0	7-10
FINE GRAVEL	2.0-3.4	<3

Ph MODIFIED TO BE BETWEEN 6.0 & 7.0, AND

ELECTRICAL CONDUCTIVITY (AS MEASURED BY ecu) LESS THAN 0.63ds/m. Ecu IS THE ELECTRICAL CONDUCTIVITY OF A 1:5 SOIL/WATER SUSPENSION

AN ORTHOPHOSPHATE CONTENT OF LESS THAN 45mg/kg.

COMPOST USED AS ORGANIC MATTER SHOULD CONFORM TO THE DESCRIPTION OF "COMPOSTED CONDITIONER" DESCRIBED IN AS4454-2012.

DRAINAGE LAYER FILTER MEDIA 'A' (UPPER LAYER)

THE DRAINAGE LAYER SHALL BE 100mm THICK. DRAINAGE LAYER MATERIALS SHALL CONFORM TO THE FOLLOWING GRADING:

*0.075mm, 0 TO 5% PASSING
*0.425mm, 10 TO 24% PASSING
*2.36mm, 50 TO 75% PASSING
*4.75mm, 70 TO 95% PASSING
*9.5mm, 100% PASSING

ORGANIC CONTENT OF LESS THAN 3% BY VOLUME.

DRAINAGE LAYER FILTER MATERIAL 'B' (LOWER LAYER)

THE DRAINAGE LAYER SHALL BE 300mm THICK. DRAINAGE LAYER MATERIALS SHALL CONFORM TO THE FOLLOWING GRADING:

*2.36mm, 0 TO 5% PASSING
*9.5mm, 50 TO 100% PASSING
*19mm, 100% PASSING

SUCH AS 7mm CRUSHED AGGREGATE FROM LOCAL COFFS HARBOUR QUARRIES.

CRUSHER DUST, 10mm, 14mm, 20mm AGGREGATES ARE NOT SUITABLE.

NOTES:

SOIL TESTING & TREATMENT
Planting to the storm water basin will utilise finished earthworks, however, individual planting holes are to be cultivated as per the notes for Planting. Soil tests are to be conducted on the finished earthworks for the storm water basin to ensure the soil is suitable for direct planting. At least 3 soil tests are to be conducted across the areas to be planted at the basin with the following desired outcomes. Organic matter> 5%, Salt content < 3.0 dS/m (electrical conductivity), pH range 5 to 7. If these parameters are not achieved, appropriate action must be taken.
Suggested additives shall be confirmed following site soil tests. Minimum modifications suggested by Growforce are:
-Lime for adjustments as required
-powdered sulphur adjustment
-Envirogranics soil conditioner
-Magfeed mineral supplement
-Zinc sulphate and borax trace elements
-Organo 201 fertiliser
-N-Cal soil conditioner
-K-Humate supplement after final soil preparation
-Kelpak growth promoter after planting
Soil additives shall be incorporated prior to planting.

PLANTING
Excavate individual planting holes. Rip the base of each planting hole to a depth of 200mm. Rip the sides of each planting hole to 100mm. The final planting hole should allow for the top of the plant to be slightly lower than the surrounding surface.
Prior to planting tease the roots gently of the plant. Gently tamp down the backfilled soil around the tube. Apply a minimum of 1 litre of water to each plant within 12 hours of planting. Install plant fertiliser to each plant as per manufacturer's instructions.

BASIN PLANTING
Revegetation planting to the basin surrounds will be as per previous notes, however, planting will be into finished earthworks rather than the existing subgrade. Planting is to be directly into the finished earthworks for the basin, however, soil tests (and potential soil additives) are to be conducted as per Topsoil Notes.

MULCH
- 50-75mm thick of either an organic friable mulch or gravel.
- If an organic friable mulch, it is to degrade quickly, within six months such as fine sugar cane mulch or tea tree mulch. Conventional surface mulching like tanbark or woodchip should not be used. No synthetic matting or hydro-mulch is to be used as this will hinder infiltration. To avoid the mulch being washed away during storms, it should be pinned down with an organic weed mat, such as loose-weave jute, pinned at no more than 500 mm centres.

MAINTENANCE OF LANDSCAPE WORKS TO BIO DETENTION BASIN
(in response to CHCC Water Sensitive Urban Design Policy)
Planting to the bio detention basin Is to be maintained for 1 year and maintenance of those landscape works during that time will be the responsibility of the developer.
Maintenance of the system after 1 year will be the responsibility of the strata management, land owner or other relevant body – refer to ongoing maintenance by owner/strata management (or other) below.

Maintenance is to Include:
- Monitoring of the vegetation to ensure the survival and dominance of native planted species over exotic species; and
- Maintenance of vegetation around the outlet structure/rock riprap to prevent blockages from occurring.
- Flush clean-out riser and subsoil drains annually.

Ongoing weed control of planted works to the bio detention basin shall Include:
- Implementation of a methodical and thorough weed management program including fortnightly inspections during plant establishment. Removing any weeds by hand
- Weed management must be undertaken by a suitably qualified and licensed personnel experience In weed Identification and management and herbicide usage.
- Where possible, the use of herbicides during secondary weed control should be minimised. If herbicides are used, selective application (i.e. spot spraying) Is preferable, although the potential for spray drift and the risk of polluting nearby waterways should be assessed against the risk of inadequate control of weed populations.

General plant maintenance to planting at the bio detention basin shall include the establishment of a maintenance regime to reduce plant failure/death. Regime shall Include:
- That plants are receiving enough water;
  -- Week 1 – 6: Five watering's per week
  -- Week 7 – 12: Three watering's per week
  -- Week 13 – 18: Two watering's per week
  -- If there is no rain, each plant should receive 2.5 – 5.0 litres of water per week during the first six weeks
  -- After an initial 4-month period, watering may still be required, particularly during dry periods. Water requirements for healthy vegetation can be determined by ongoing inspections.
- That plants are not subjected to Insect attack or disease;
- That plant guards are not suffocating growing plants; and
- That newly established plants are at a competitive advantage against invasive weeds species.
- 75mm mulch layer should be reinstalled at regular intervals to maintain soil moisture and restrict weed growth. Mulch shall be topped up to achieve a 75mm mulch layer at 4 monthly Intervals. Mulch shall be native mulch.
- Any dead seedlings must be replaced with the same species and plant replacement must be in sufficient time to allow for all plant establishment prior to the end of the 1 year maintenance period.

ONGOING MAINTENANCE OF BIORETENTION BY OWNER/STRATE MANAGMENT (OR OTHER):
Every 3 months:
- Water plants if needed
- Replace any sick or dead plants with the same species (check species list on construction drawings)
- Remove any weeds by hand

Every 6 months or after large storms:
- Inspect and clean pits and trash screens

Annually:
- Flush clean-out riser and subsoil drains by inserting hose in each riser for approximately 1 minute per riser
- Check for any obvious signs of erosion of surface of soil in basin and repair with soil to the specifications in the construction drawings.

NOTES:
Corrugated perforated plastic drainage pipe:
Corrugated perforated plastic drainage pipe be unsocked type 1 class 1000 and shall comply with as 2439.1 perforated plastics drainage and effluent pipe and fittings- part 1. Each pipe shall be marked with the following information:

* Manufacture's name;
* Nominal outside diameter of pipe:
* Class number; and
* Slot width range.

EXCAVATION:

Excavate to the levels shown on the drawings or as determined by site conditions. Do not perform excavations during inclement weather that may result in non-conforming work. Excavations shall be accurate to shape and profile and be free from loose earth and stones.

Clear and grub all areas to be covered by the bioretention materials or requiring reshaping by excavation or fill. Fill or excavate the surface to near and above the levels shown on the drawings.

On completion of excavation, proof-roll the platform. Any soft spots that show up during the rolling shall be removed and refilled with general fill. Trim to the levels shown on the drawings

Remove from the site all debris and any excavated material that is not suitable for re-use. Dispose of all surplus material and debris in a legal and safe manner.

COMPACTION:

Earthworks shall generally comply with the requirements of as 3798 guidelines on earthworks for commercial and residential developments.

Maintain the moisture content within 2% of the optimum moisture Content during compaction.

Compact fill material in even layers to the densities specified in compaction schedule. Hand tamp against ground beams, perimeter beams and walls. Ensure that partially completed structures can withstand compaction loadings. Prop if necessary.

COMPACTION SCHEDULE:
Drainage layers:
No compaction, place loose.

Bio retention soil media
Light track roll in max 150 thick layers.

Tolerances:
Construct the works to uniform grades and in conformance with the drawings. Finish earthworks to a smooth uniform surface conforming to the following tolerances:

* Base level +/- 25 mm
* Surface level +/- 10 mm

The surface shall be self-draining and free of depressions capable of holding water.

DEWATERING:

Maintain excavations, embankments and filled areas free from water at all times. Immediately before placing any membrane or bioretention materials remove all free water and foreign matter from the base .prevent any water flow over new work until it is capable of withstanding such flow without damage. Dispose of water legally. Do not discharge in any manner that may endanger or inconvenience persons undertaking legal activities on or near the site or damage property near the site.

SUBSOIL DRAINS:

Lay pipelines to the design gradients falling to the outlets, straight between required changes of direction, properly supported, with watertight joints aligned flush at internal surfaces. Provide the necessary fittings and accessories.

Bed and lay sub-soil drains to a minimum grade of 0.5%, unless directed otherwise. If the foundation is rock, place and compact a layer of fine filter material not less than 50 mm thick. Similarly, correct any irregularities that would cause ponding deeper than 20 mm.

Lay pipes with one line of slots at the bottom. Install filter material in accordance with the drawings. Connect sub-soil drains to drainage pit as shown on the drawings. Flush the pipeline and leave it clean and free from debris on completion.

1 0 1 2 3 4 5
SCALE OF METRES 1:50 (A1) 1:100(A3)

4 0 4 8 12 16 20
SCALE OF METRES 1:200 (A1) 1:400(A3)

REV.	DATE	REVISION	DRN	DES	CHK	APP
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson
Consulting Engineers & Planners
A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450
Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

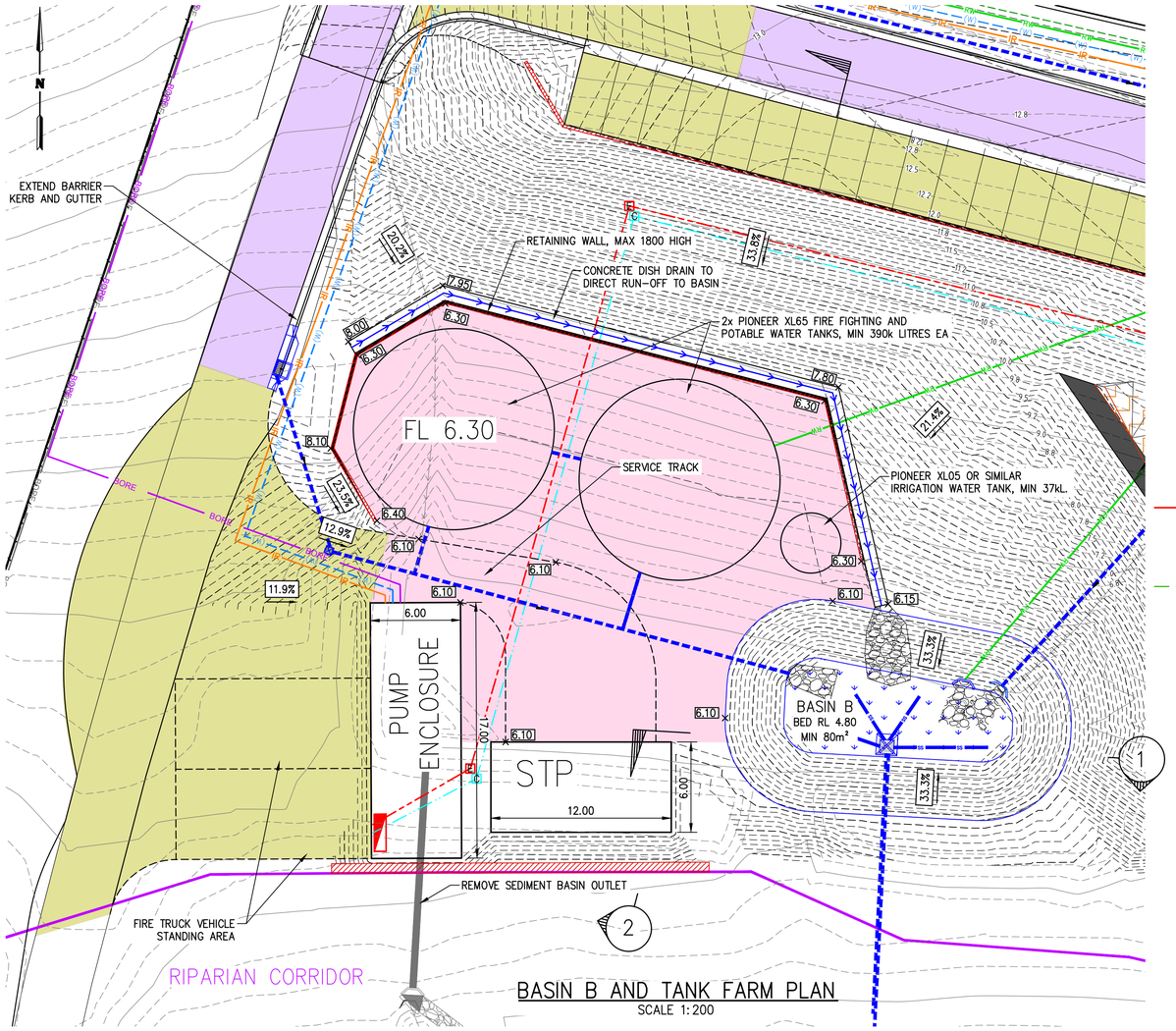
Scale: AS SHOWN	Cad File No. 18093 Civil.dwg	
Surveyed	Datum AHD	
Drawn	Designed	Date
Checked	Approved	No. of dwgs

Client: CHRISTIAN COMMUNITY

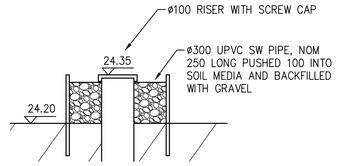
Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Title: BIO-RETENTION BASIN A PLAN AND DETAILS

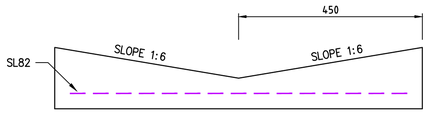
Project No. 18093
Drawing No. DA-10
Amendment No. A



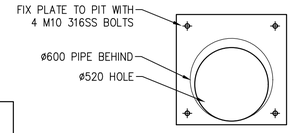
BASIN B AND TANK FARM PLAN
SCALE 1:200



RISER PROTECTION DETAIL
NTS



CONCRETE DISH DRAIN DETAIL
NTS
SAWCUT AT 3m CENTRES



ORIFICE PLATE DETAIL
NTS
700 x 700 x 10 ALUMINIUM PLATE WITH MACHINE CUT ORIFICE FIX AND SEAL/GROUT TO FACE OF PIT OVER ø750 OUTLET.

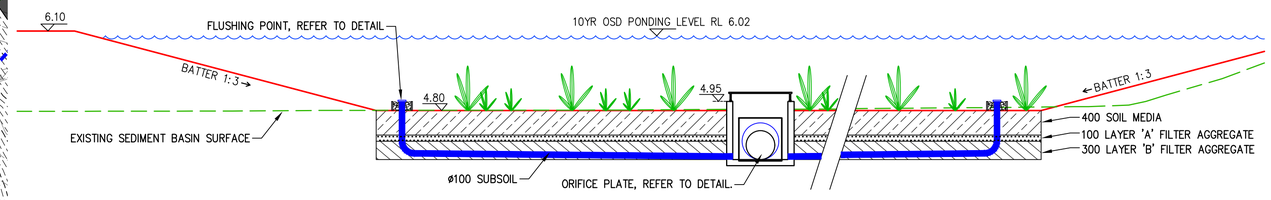
LEGEND

- PROPOSED STORMWATER LINE
- EXISTING STORMWATER LINE
- PROPOSED ROOFWATER LINE (RW)
- ROOFWATER LINE SEALED PIT
- BOREWATER TRANSFER LINE (BORE)
- 500x355 VALVE BOX
- IRRIGATION/RAW WATER LINE (IR)
- TREATED/POTABLE WATER LINE (W)
- COMMS CONDUIT
- ELECTRICAL CONDUIT
- CONCRETE PAVEMENT
- 150 THICK GRAVEL
- 2 COAT SEAL PAVEMENT TYPE

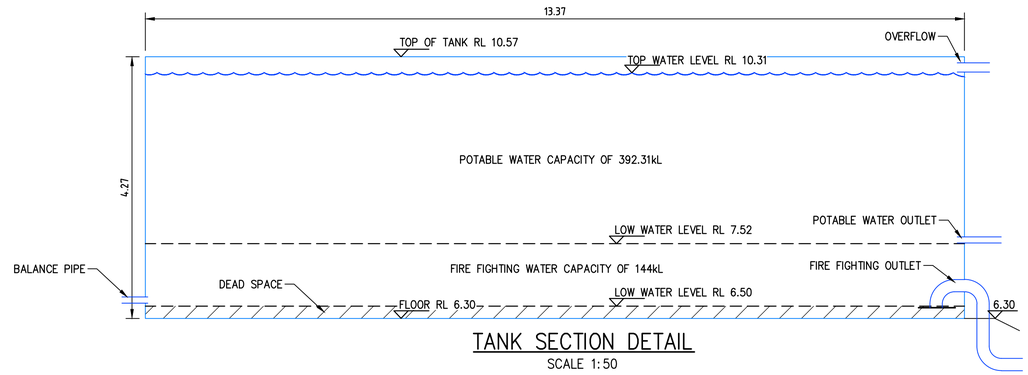
BIO-RETENTION PLANTING SCHEDULE – BASIN B

6 PLANTS/m²

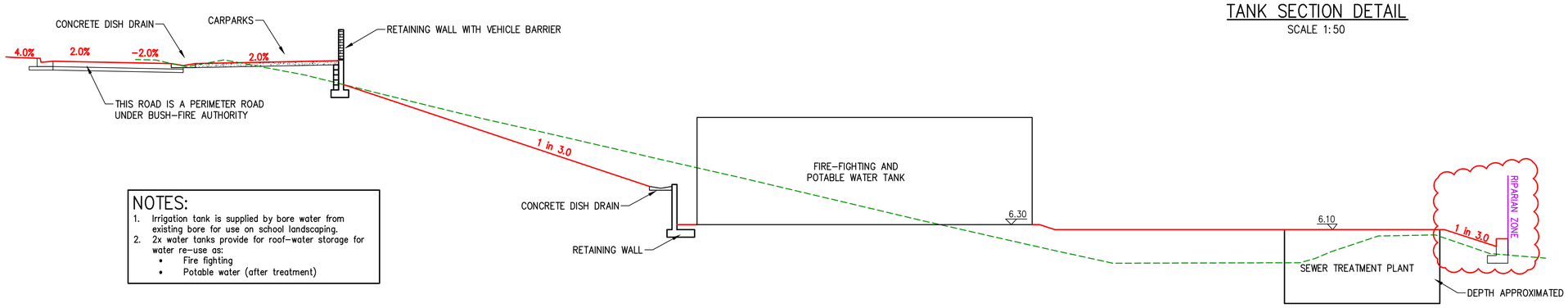
LOCATION	PLANTS SPECIES	FORM	No.
BASIN FLOOR	FICINIA NODOSA	TUBE	480



BIO-RETENTION BASIN B SECTION 1
SCALE 1:50



TANK SECTION DETAIL
SCALE 1:50



TANK FARM SECTION VIEW
SCALE 1:100

NOTES:

1. Irrigation tank is supplied by bore water from existing bore for use on school landscaping.
2. 2x water tanks provide for roof-water storage for water re-use as:
   - Fire fighting
   - Potable water (after treatment)

1 0 1 2 3 4 5
SCALE OF METRES 1:50 (A1) 1:100(A3)

2 0 2 4 6 8 10
SCALE OF METRES 1:100 (A1) 1:200(A3)

REV.	DATE	REVISION	DRN	DES	CHK	APP
C	1-02-23	RETAINING WALL ADDED	MLK	MLK	GPB	GPB
B	4-11-22	AMENDMENTS TO ACCOMMODATE BASIN B SIZE CHANGE	MLK	MLK	GPB	GPB
A	26-09-22	FOR DEVELOPMENT APPROVAL	MLK	MLK	GPB	GPB

de Groot & Benson
Consulting Engineers & Planners
A.C.N. 052 300 571
236 Harbour Drive,
Coffs Harbour NSW 2450
Phone (02) 6652 1700
Fax (02) 6652 7418
Email: email@dgb.com.au

Scale: AS SHOWN	Cad File No. 18093 Civil DA.dwg	
Surveyed	Datum: AHD	
Drawn	Designed	Date
Checked	Approved	No. of dwgs

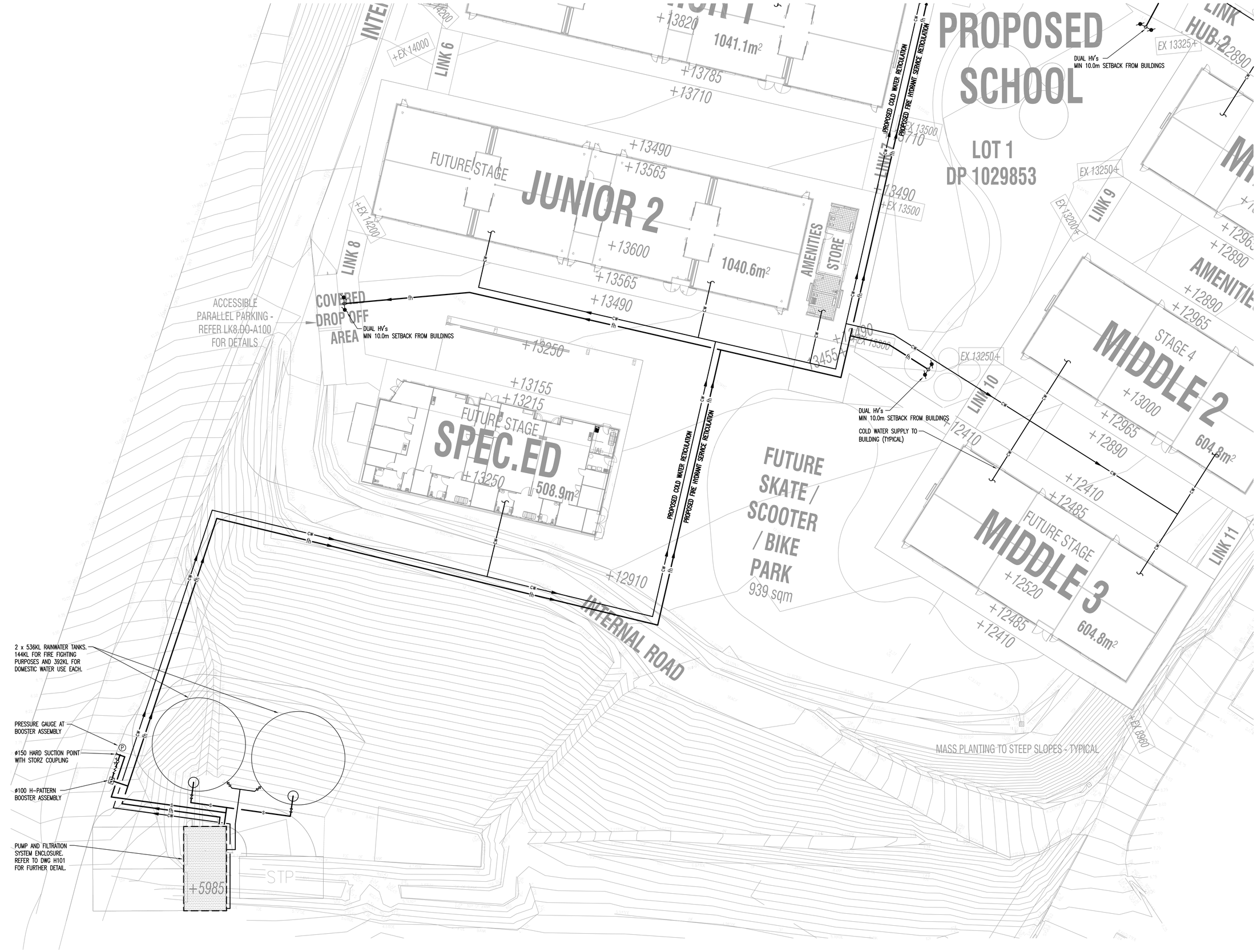
Client: CHRISTIAN COMMUNITY

Project: MIDDLE SCHOOL BUILDING DA
CHRISTIAN COMMUNITY
BONVILLE STATION ROAD

Title: BIO-RETENTION BASIN B AND TANK FARM PLAN AND DETAILS

Project No. 18093
Drawing No. DA-12
Amendment No. C

FOR CONTINUATION REFER TO DWG H002



DATE	No.	AMENDMENT	ISSUE
23.09.21	1	ISSUE FOR COUNCIL APPROVAL	A

ARCHITECT :
DRA ARCHITECTS PTY LTD
133 PRINCE STREET,
GRAFTON NSW 2460

CLIENT :
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

PROJECT :
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION ROAD, BONVILLE NSW 2450

GLENN HAIG & PARTNERS
HYDRAULIC + FIRE CONSULTANTS

Coffs Harbour
P: 02 6658 2444
PO Box 192
SAWTELL, NSW, 2452

Sydney
P: 02 9310 1352
PO Box 689
SURRY HILLS, NSW, 2010

office@glennhaig.com.au

TITLE : HYDRAULIC SERVICES

SITE PLAN – PART 1

Date : APR 2021	Drawn : NG	
Scales : 1:250 @ A1	Checked : GH	
Job No. : 213376	Cad File No. : 213376H001	Drawing No. : H001

FOR CONTINUATION REFER TO DWG H001

DATE	No.	AMENDMENT	ISSUE
23.09.21	1	ISSUE FOR COUNCIL APPROVAL	A

ARCHITECT :
DRA ARCHITECTS PTY LTD
133 PRINCE STREET,
GRAFTON NSW 2460

CLIENT :
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

PROJECT :
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION ROAD, BONVILLE NSW 2450

GLENN HAIG & PARTNERS
HYDRAULIC + FIRE CONSULTANTS

Coffs Harbour
P: 02 6658 2444
PO Box 192
SAWTELL, NSW, 2452

Sydney
P: 02 9310 1352
PO Box 689
SURRY HILLS, NSW, 2010

office@glennhaig.com.au

TITLE : HYDRAULIC SERVICES

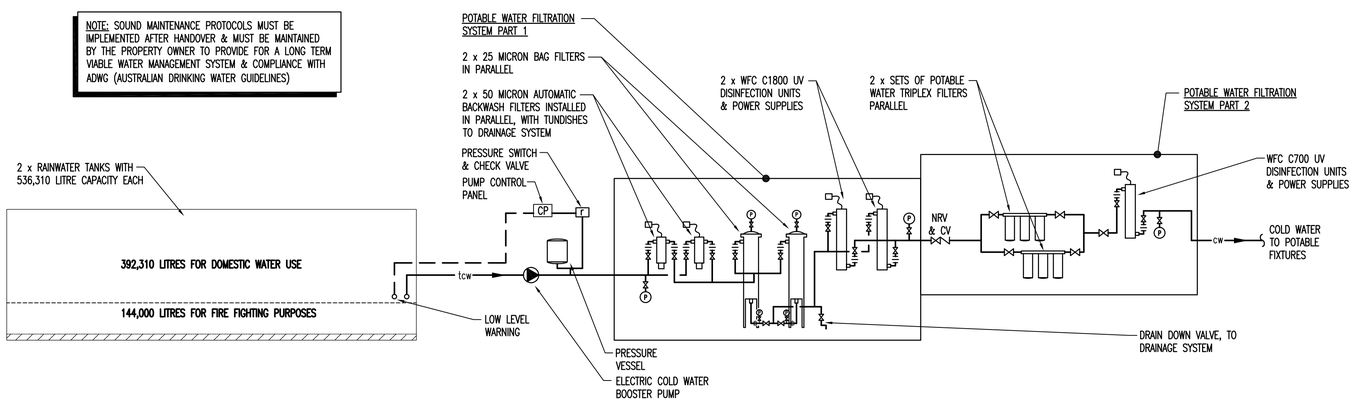
SITE PLAN – PART 2

Date : APR 2021	Drawn : NG
Scales : 1:250 @ A1	Checked : GH

Job No. :	Cad File No. :	Drawing No. :
213376	213376H002	H002

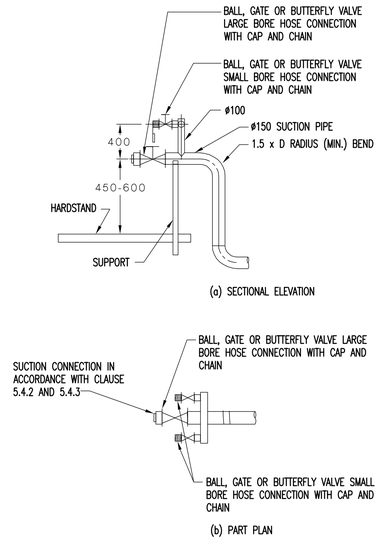
NOTE: PROVIDE SIGNAGE & OPERATIONAL INSTRUCTIONS ADJACENT TO FILTRATION & PUMP CONTROL PANEL ASSEMBLIES

NOTE: SOUND MAINTENANCE PROTOCOLS MUST BE IMPLEMENTED AFTER HANDOVER & MUST BE MAINTAINED BY THE PROPERTY OWNER TO PROVIDE FOR A LONG TERM VIABLE WATER MANAGEMENT SYSTEM & COMPLIANCE WITH ADWG (AUSTRALIAN DRINKING WATER GUIDELINES)



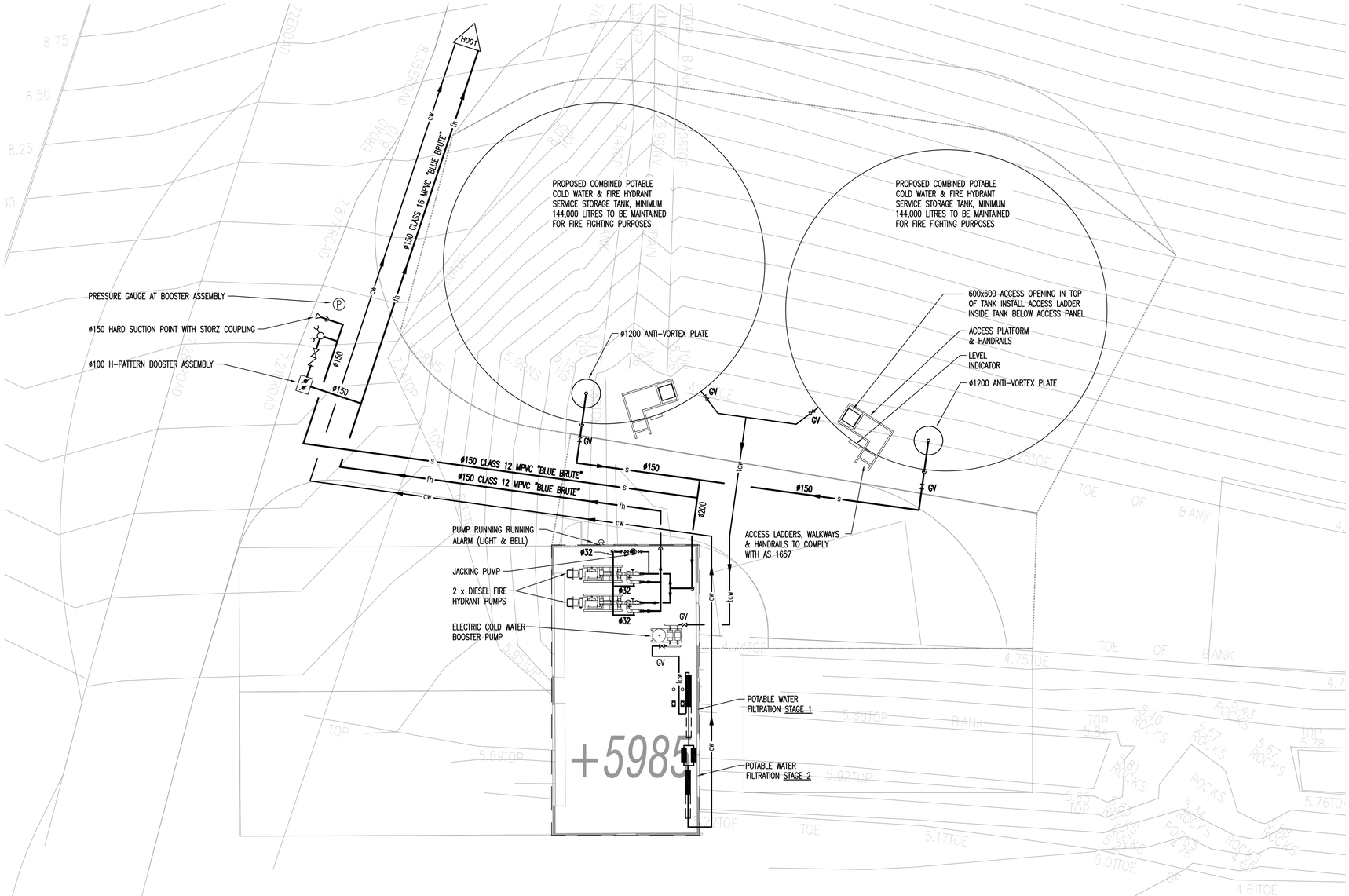
PUMPS & FILTRATION DETAIL

SCALE N.T.S.



LARGE AND SMALL BORE SUCTION POINT DETAIL

N.T.S.



PUMP ROOM & WATER TANK DETAIL

SCALE 1:100

DATE	No.	AMENDMENT	ISSUE
23.09.21	1	ISSUE FOR COUNCIL APPROVAL	A

ARCHITECT :
DRA ARCHITECTS PTY LTD
133 PRINCE STREET,
GRAFTON NSW 2460

CLIENT :
COFFS HARBOUR CHRISTIAN COMMUNITY SCHOOL

PROJECT :
NEW JUNIOR CAMPUS
LOT 2, DP 1194621
BONVILLE STATION ROAD, BONVILLE NSW 2450

GLENN HAIG & PARTNERS
HYDRAULIC + FIRE CONSULTANTS
Coffs Harbour
P: 02 6658 2444
PO Box 192
SAWTELL, NSW, 2452
Sydney
P: 02 9310 1352
PO Box 689
SURRY HILLS, NSW, 2010
office@glennhaig.com.au

TITLE : HYDRAULIC SERVICES

DETAIL SHEET

Date : APR 2021	Drawn : NG	
Scales : AS SHOWN @ A1	Checked : GH	
Job No. : 213376	Cad File No. : 213376H101	Drawing No. : H101