

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au



CONSULTANT 2:

 **SPECTRUM**
ENGINEERING SOLUTIONS

1 Davis Place
Glenhaven NSW 2156

Phone: (02) 8850 6802
Mobile: 0419 294 533
Email : nat@spectrumsolutions.com.au

DESIGN ARCHITECT:

 **FACILITY
DESIGN GROUP**
Architecture & Construction

NSW Reg. No. 7168
ABN 75 083 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
a: PO Box 82,
Cambarwara NSW 2540

AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT

PROJECT NAME:
**CASINO MEMORIAL SWIMMING
POOL UPGRADE
DA ISSUE**

DRAWING TITLE:

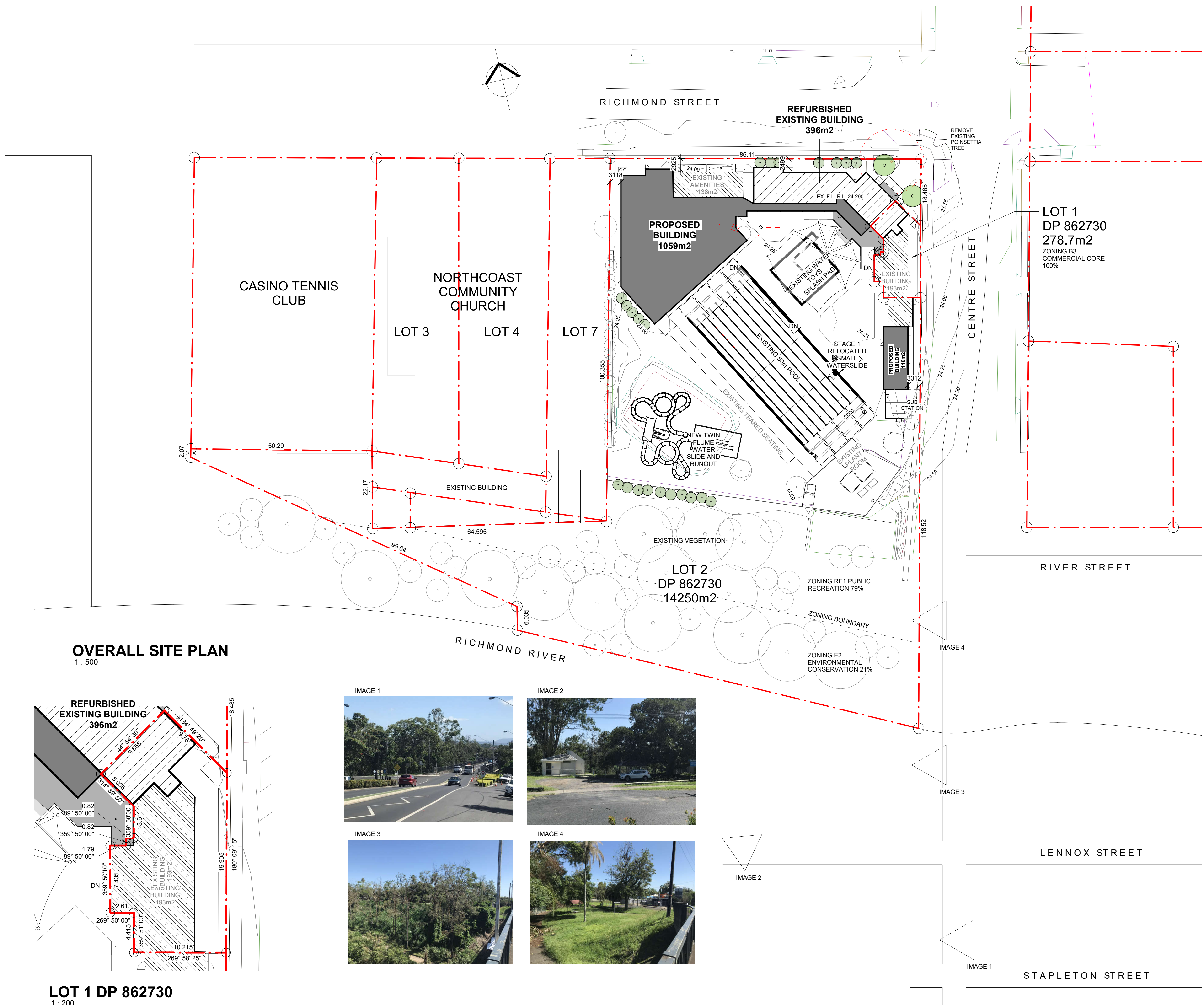
SHEET ISSUE DATE: 16/3/21		DRAWING NO. A007		REV.	
REVISION DATE:					
SCALE: As indicated					
JOB NO.: W298					

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

8/05/2021 2:35:34 PM

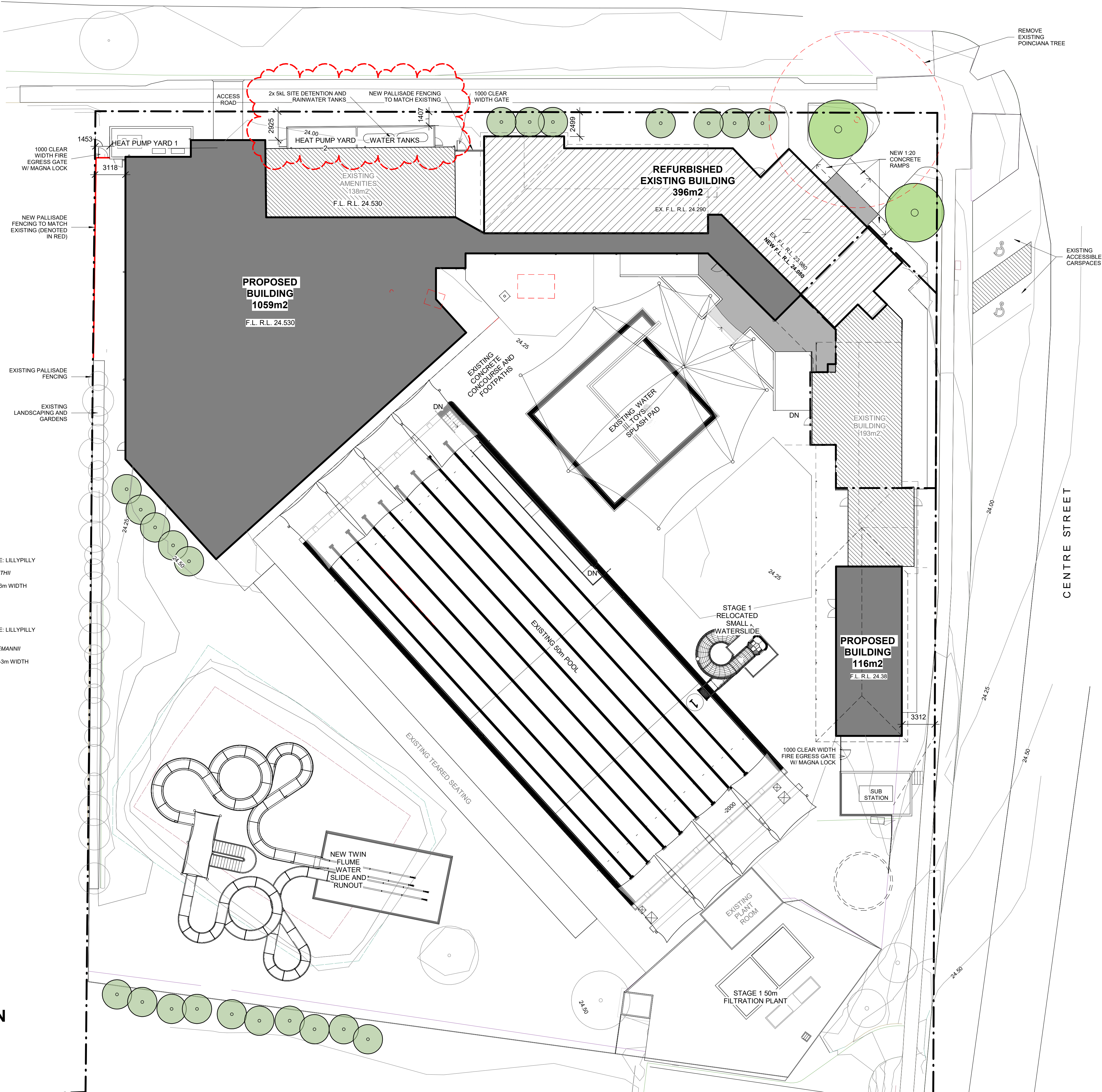


RICHMOND STREET

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
A	RAINWATER TANKS ADDED	3.5.21
B	REVISED WATER TANKS LOCATION	14.5.21



PLANT SCHEDULE

- COMMON NAME: LILYPILLY
SYZYGium SMITHII
10m HEIGHT 4-6m WIDTH
- COMMON NAME: LILYPILLY
ROYAL FLAME
SYZYGium LUEMANNII
1-2m HEIGHT 2-3m WIDTH

SITE PLAN

1:200

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
Suzanne Gray Ltd
PO Box 480
Milsom Point 1565
T 9438 1022 F 9438 2124
E reception@suzgray.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct. Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: info@eclipse-engineers.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
PO Box 62,
Camden NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
SITE PLAN

SHEET ISSUE DATE:	16/3/21	DRAWING NO.	REV.
REVISION DATE:	14.5.21	A010	B
SCALE:	1:200		
JOB NO.:	W298		

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

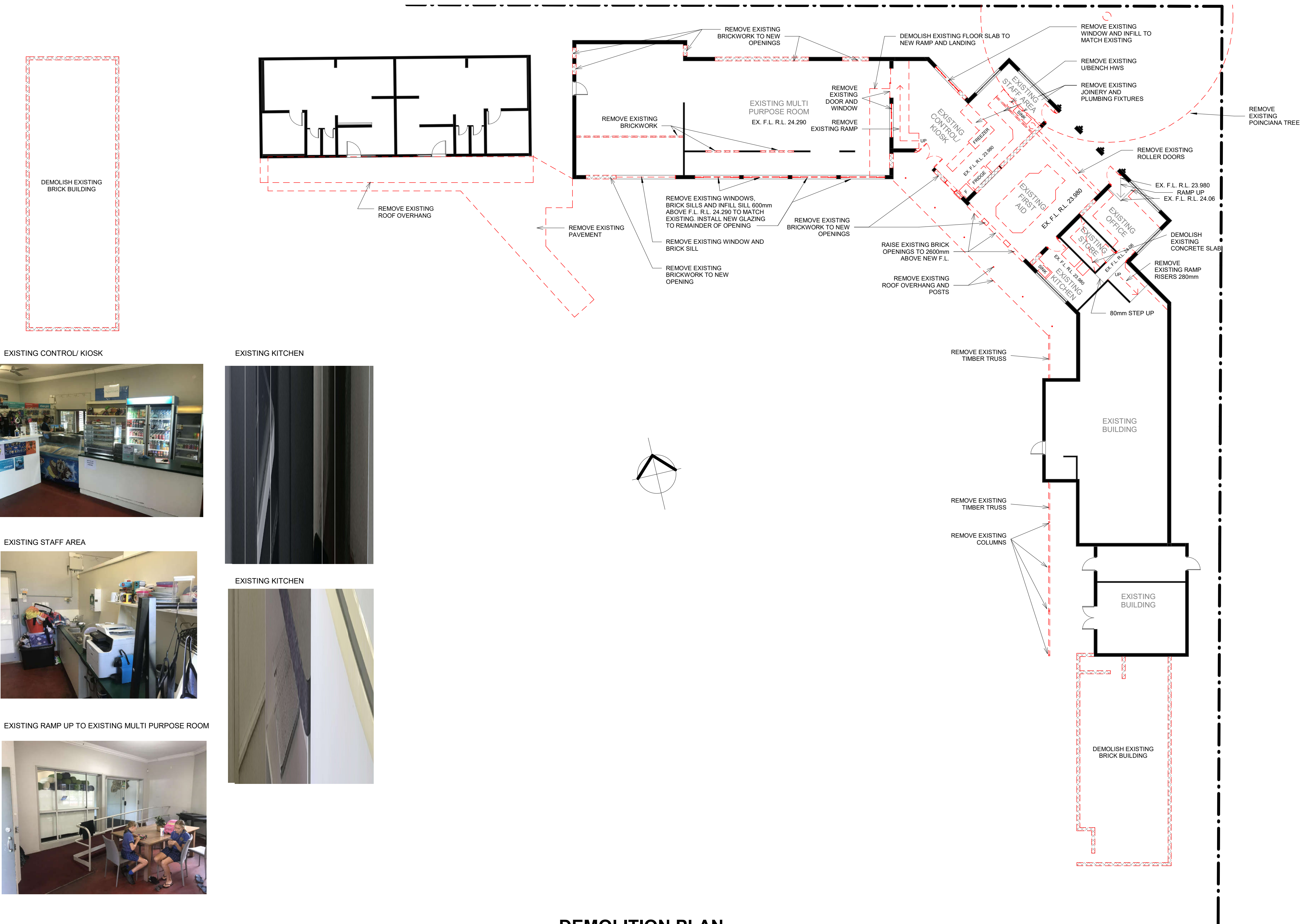
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:35:52 PM

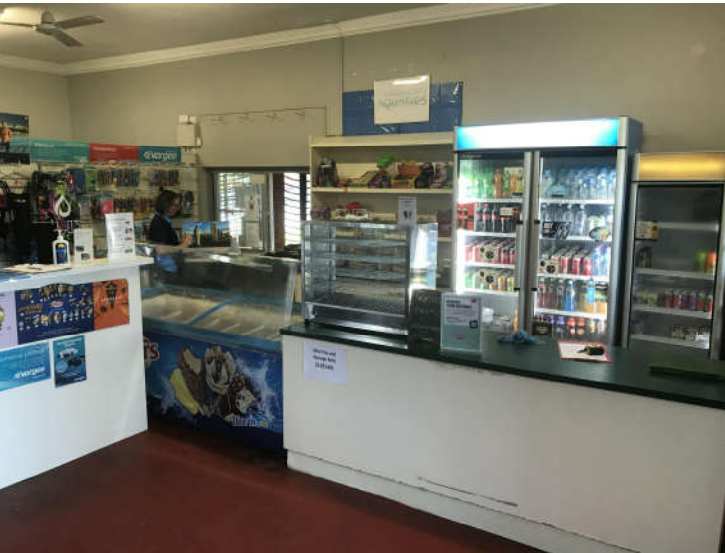
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------



EXISTING CONTROL/ KIOSK



EXISTING KITCHEN



EXISTING STAFF AREA



EXISTING KITCHEN



EXISTING RAMP UP TO EXISTING MULTI PURPOSE ROOM



DEMOLITION PLAN

1 : 150

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN PLY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susply.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULMORAH HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Cronulla NSW 2230

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
DEMOLITION PLAN

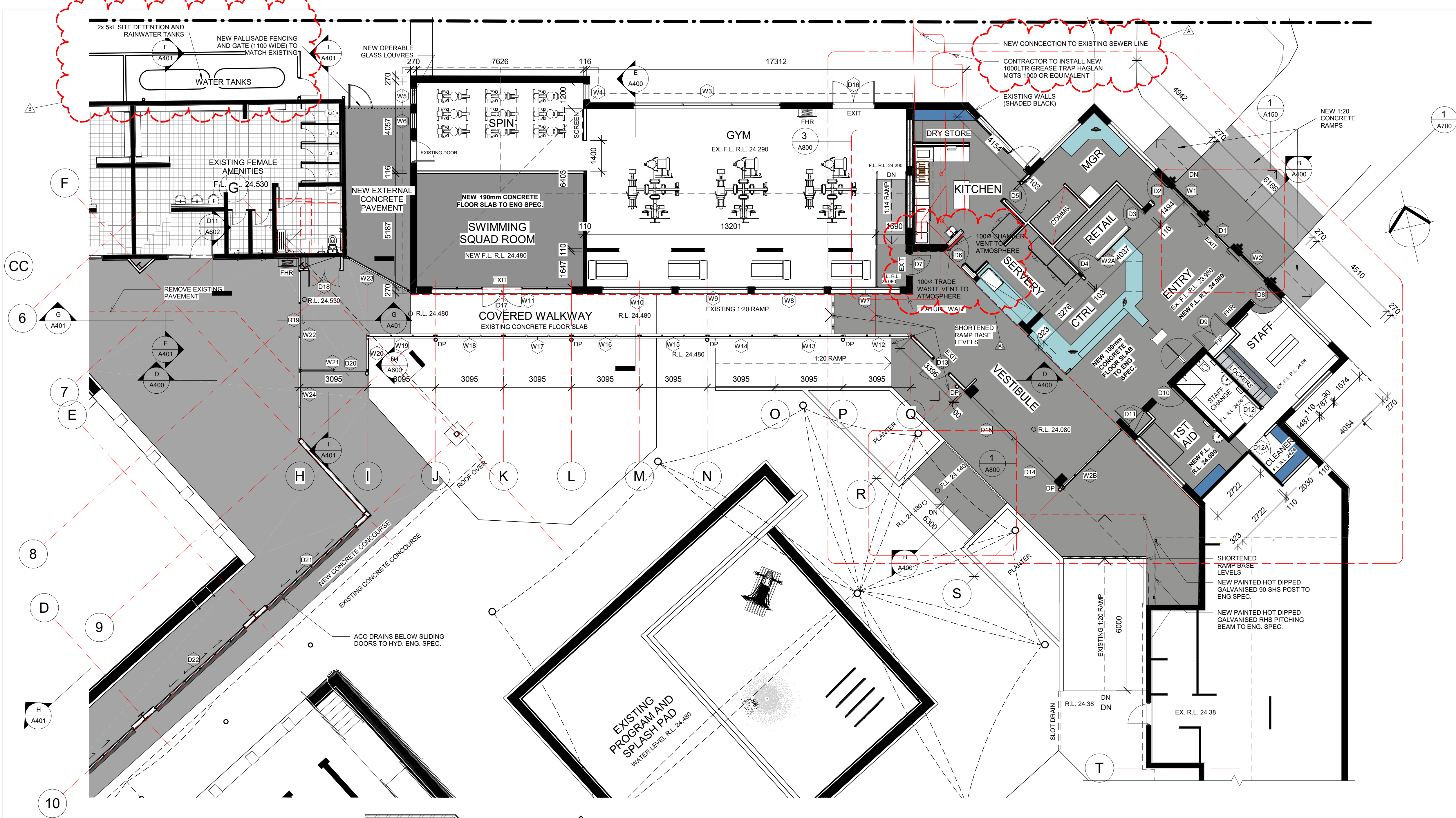
SHEET ISSUE DATE: 16/3/21	REVISION DATE:	SCALE: 1 : 150	JOB NO.: W298	DRAWING NO. REV. A050
---------------------------	----------------	----------------	---------------	-----------------------

DRAWN BY: EB CHECKED BY: S. JOHANSSON

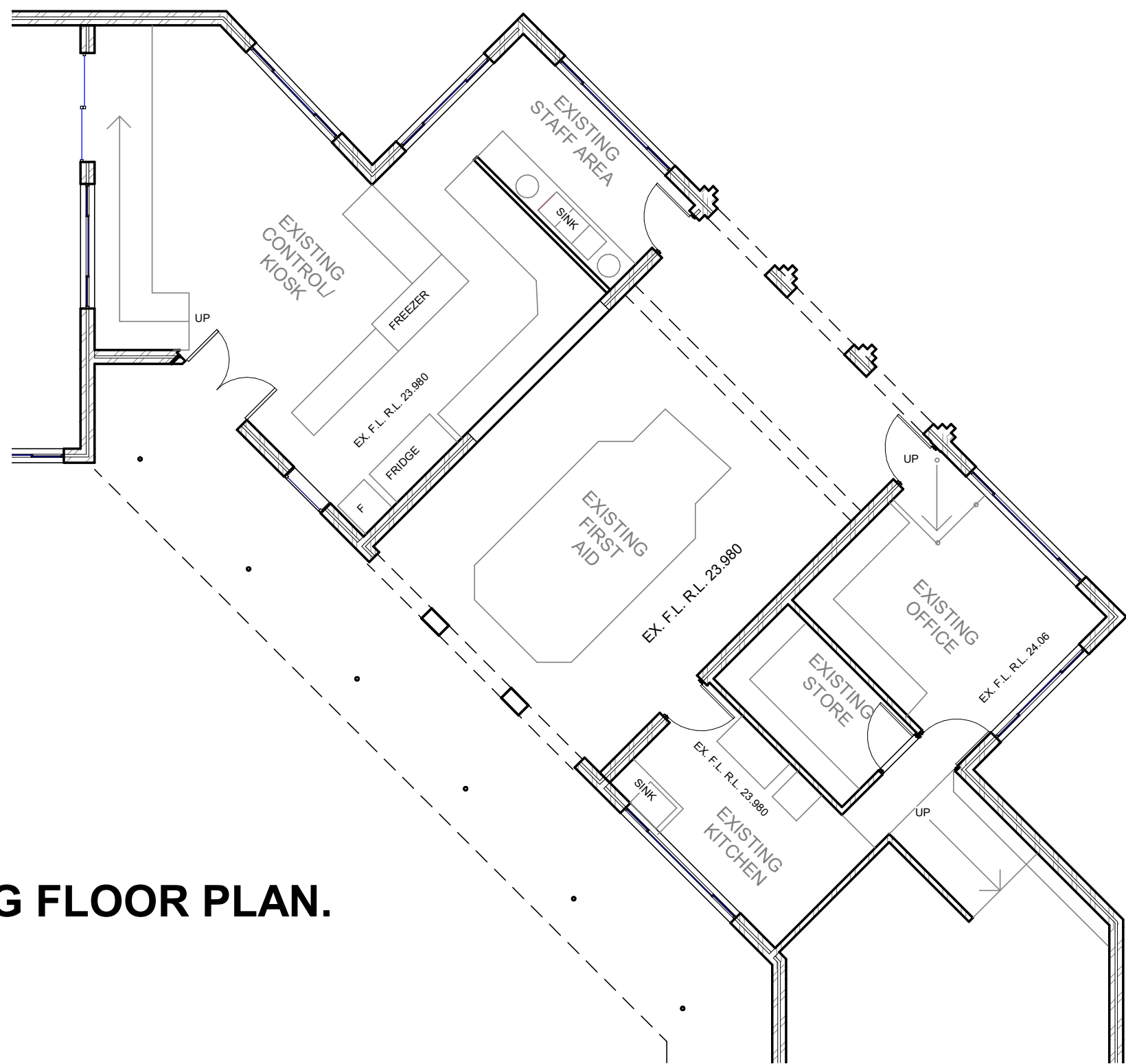
COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:36:02 PM



FLOOR PLAN 1
1:100



EXISTING FLOOR PLAN.
1:100

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
A	TRADE WASTE NAD GREASE TRAP ARRESTOR ADDED	3.5.21
B	REVISED WATER TANKS LOCATION	14.5.21

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSANNE DEY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susannedey.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct, Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQATUC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Camberwong NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
FLOOR PLAN 1

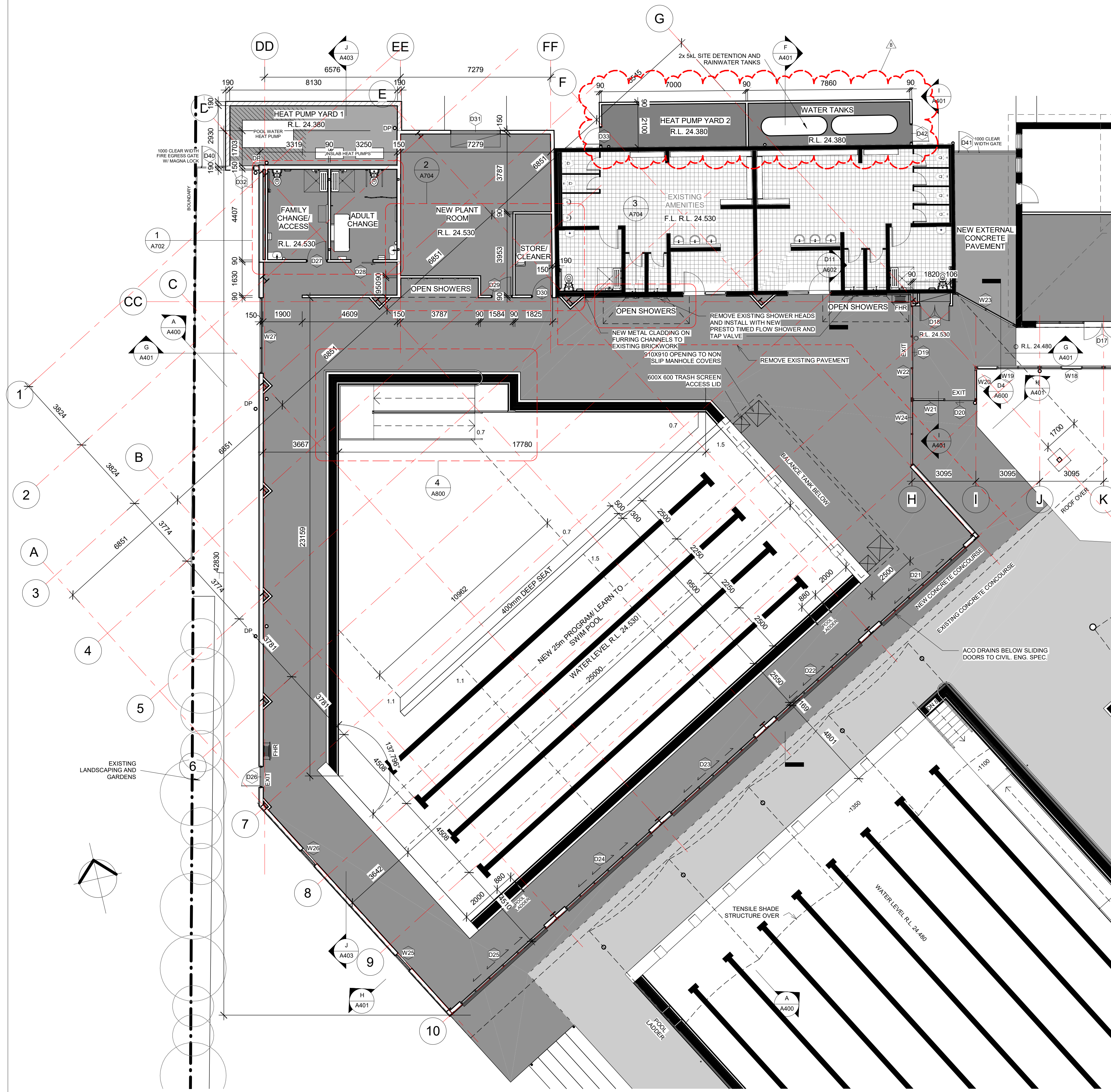
SHEET ISSUE DATE: 16/3/21		DRAWING NO. REV.	
REVISION DATE: 14.5.21		A100 B	
SCALE: 1:100			
JOB NO.: W298			

DRAWN BY: EB CHECKED BY: S. JOHANSSON

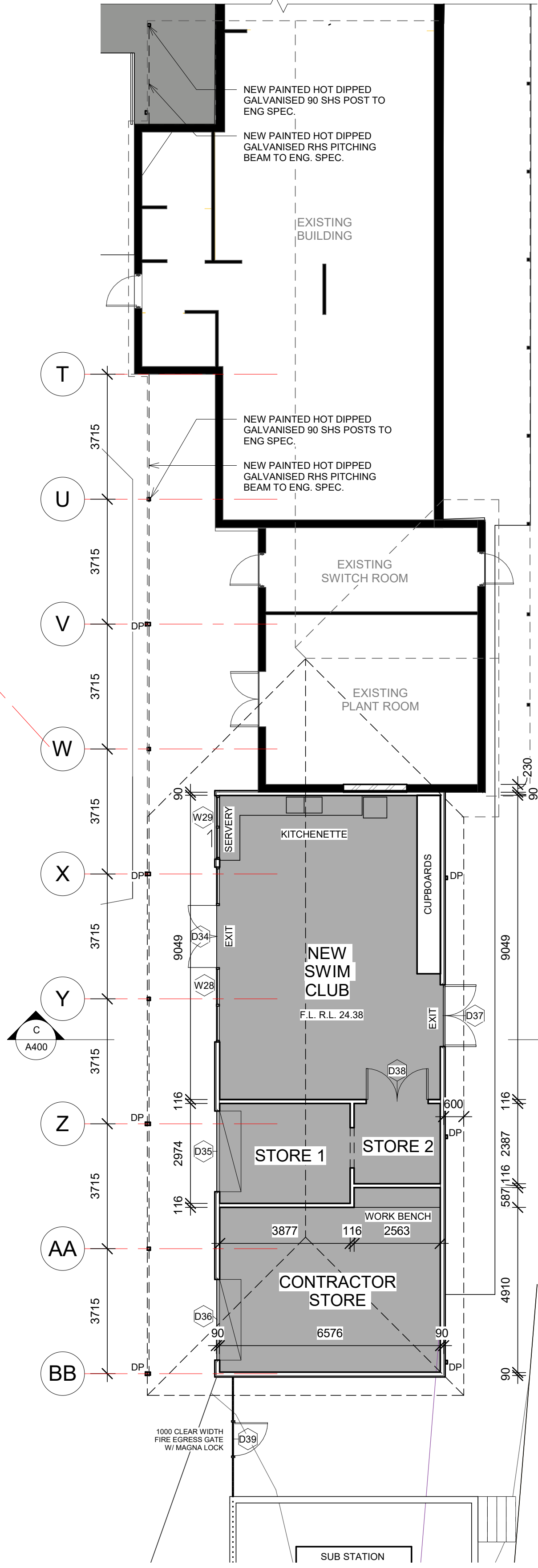
COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:36:11 PM



FLOOR PLAN 3
1 : 100



FLOOR PLAN 2
1 : 100

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
A	RAINWATER TANKS ADDED	3.5.21
B	REVISED WATER TANKS LOCATION	14.5.21

CONSULTANT 5:

COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING

T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:

5/5/2019 10:00
room 80 158 133 110
po box 480
Milsom Point 1585
T 9438 1022 F 9438 2124
e reception@smstpcorp.com.au

SMS

CONSULTANT 3:

HEATH CONSULTING ENGINEERS

351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800

Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:

SPECTRUM ENGINEERING SOLUTIONS

1 Davis Place
Glenhaven NSW 2156

Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:

ECLIPSE Consulting Engineers Pty Ltd

304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153

p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:

FACILITY DESIGN GROUP

Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT

NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
PO Box 82,
Cronulla NSW 2540

CLIENT:

Richmond Valley Council

PROJECT NAME:

CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:

LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:

FLOOR PLANS 2 AND 3

A1 PRINT SIZE

SHEET ISSUE DATE:	16/3/21	DRAWING NO.	REV.
REVISION DATE:	14.5.21	A101	B

SCALE: 1 : 100

JOB NO.: W298

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

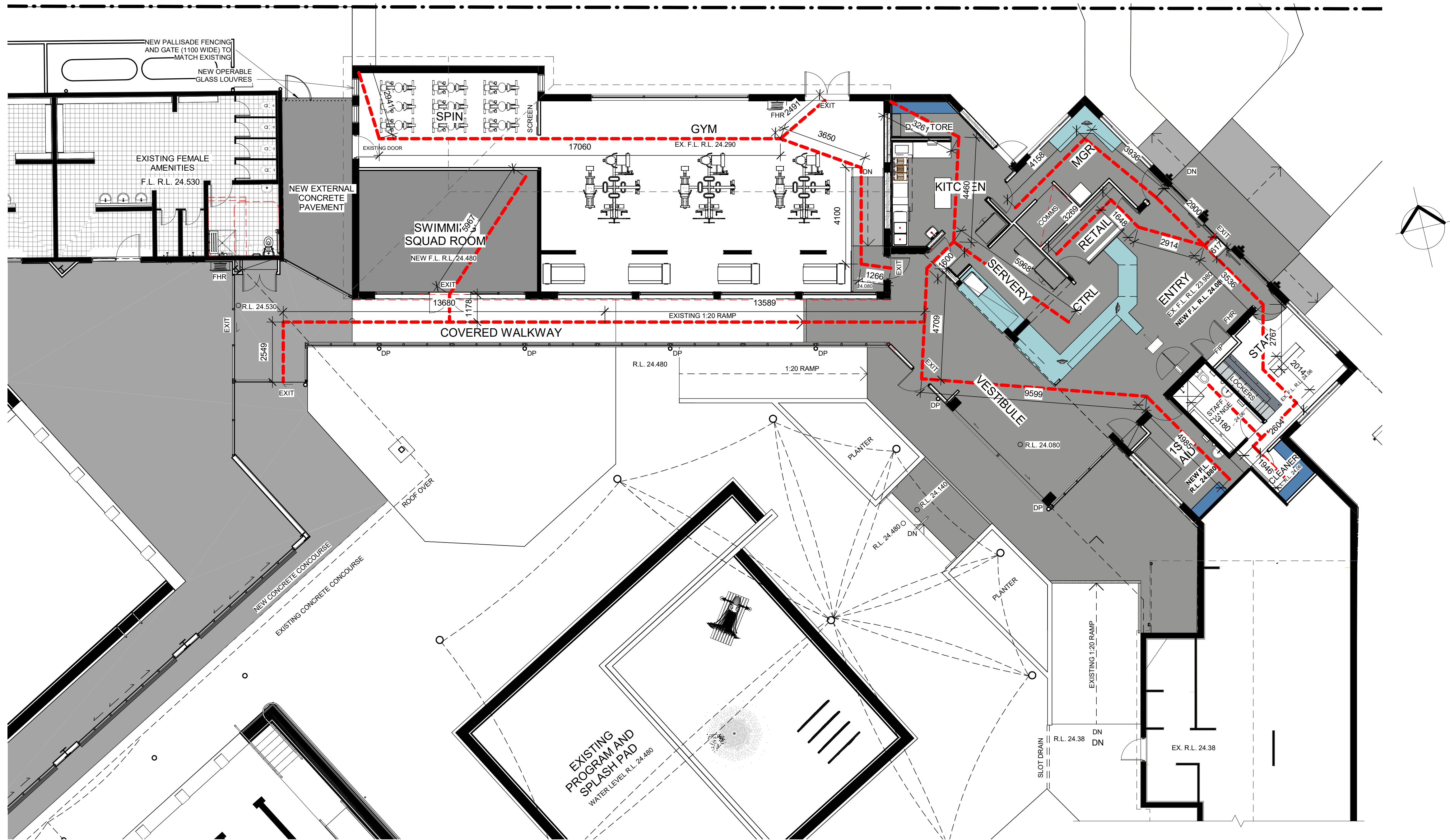
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

18/05/2021 2:36:19 PM

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------



EGRESS PLAN 1
1 : 100

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN DAY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susanday.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Camden NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

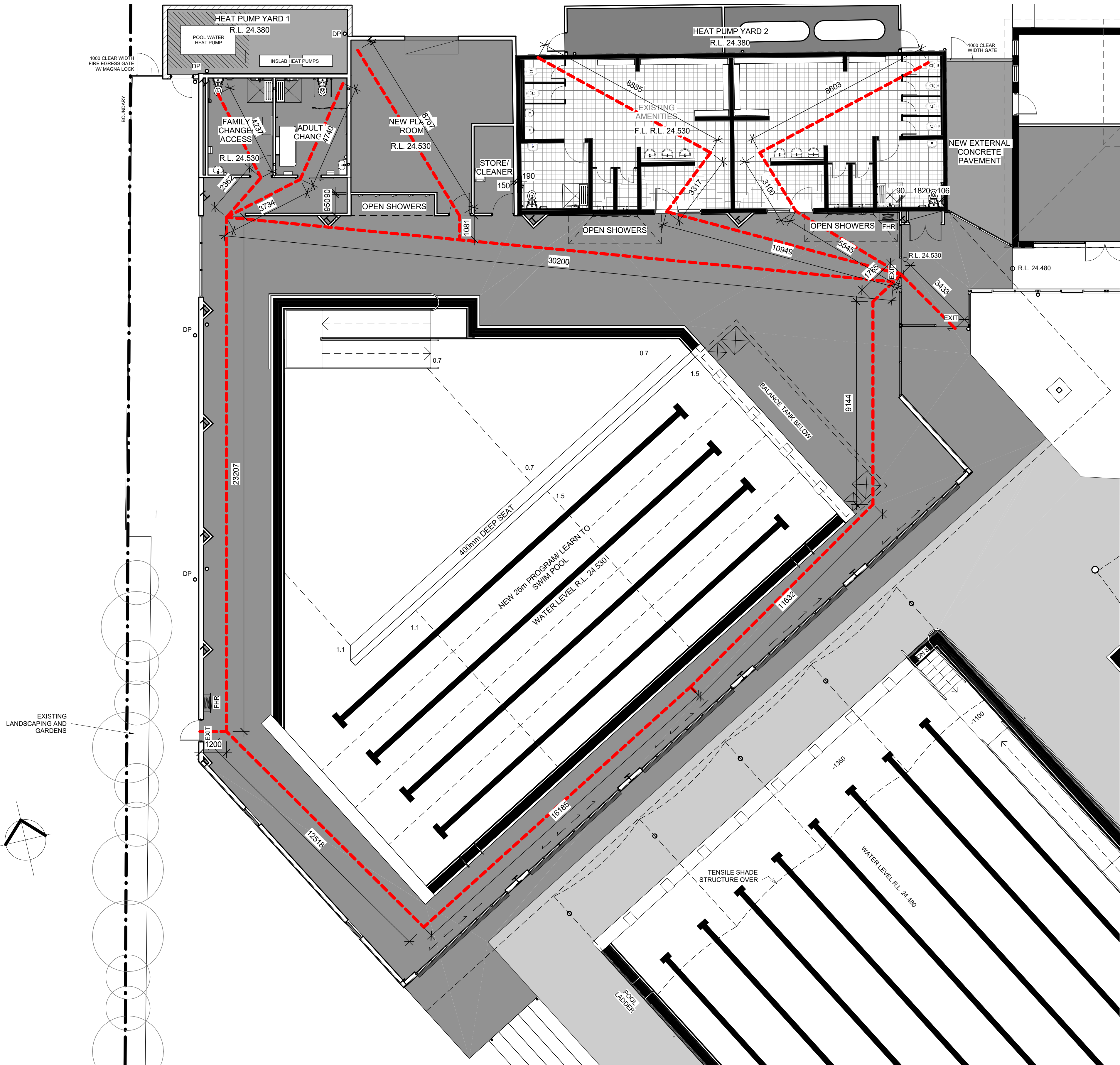
DRAWING TITLE:
FIRE EGRESS PLAN 1

SHEET ISSUE DATE: 11/5/21	DRAWING NO. REV.	A1 PRINT SIZE
REVISION DATE:		
SCALE: 1 : 100	A120	
JOB NO.: W298		

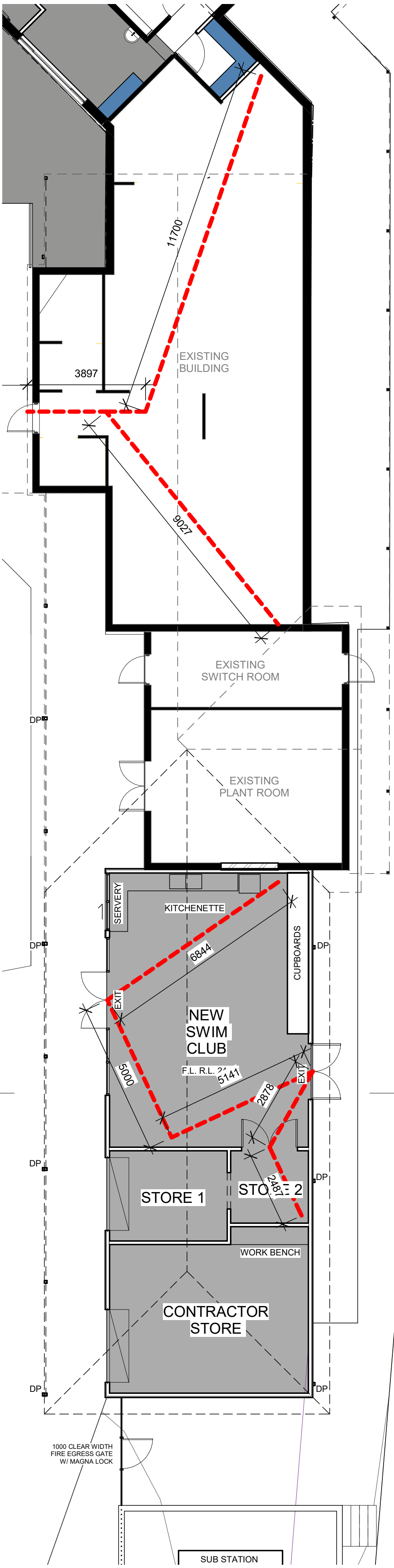
DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168
18/05/2021 2:36:30 PM



EGRESS PLAN 3
1 : 100



EGRESS PLAN 2
1 : 100

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN P. O'D
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susancorp.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumengineering.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct., Norwest Central,
Baulkham Hills NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-engineers.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
PO Box 82,
Corrywong NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
FIRE EGRESS PLANS 2 AND 3

SHEET ISSUE DATE: 11/5/21	DRAWING NO. REV.
REVISION DATE:	A121
SCALE: 1 : 100	
JOB NO.: W298	

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168
18/05/2021 2:36:37 PM

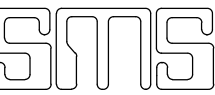
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSSEX PTY LTD
acn 80 158 133 110
po box 480
Milsom's Point 1565
T 9438 1022 F 9438 2124
E reception@sussexpt.com.au



CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-engineers.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Camberley NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

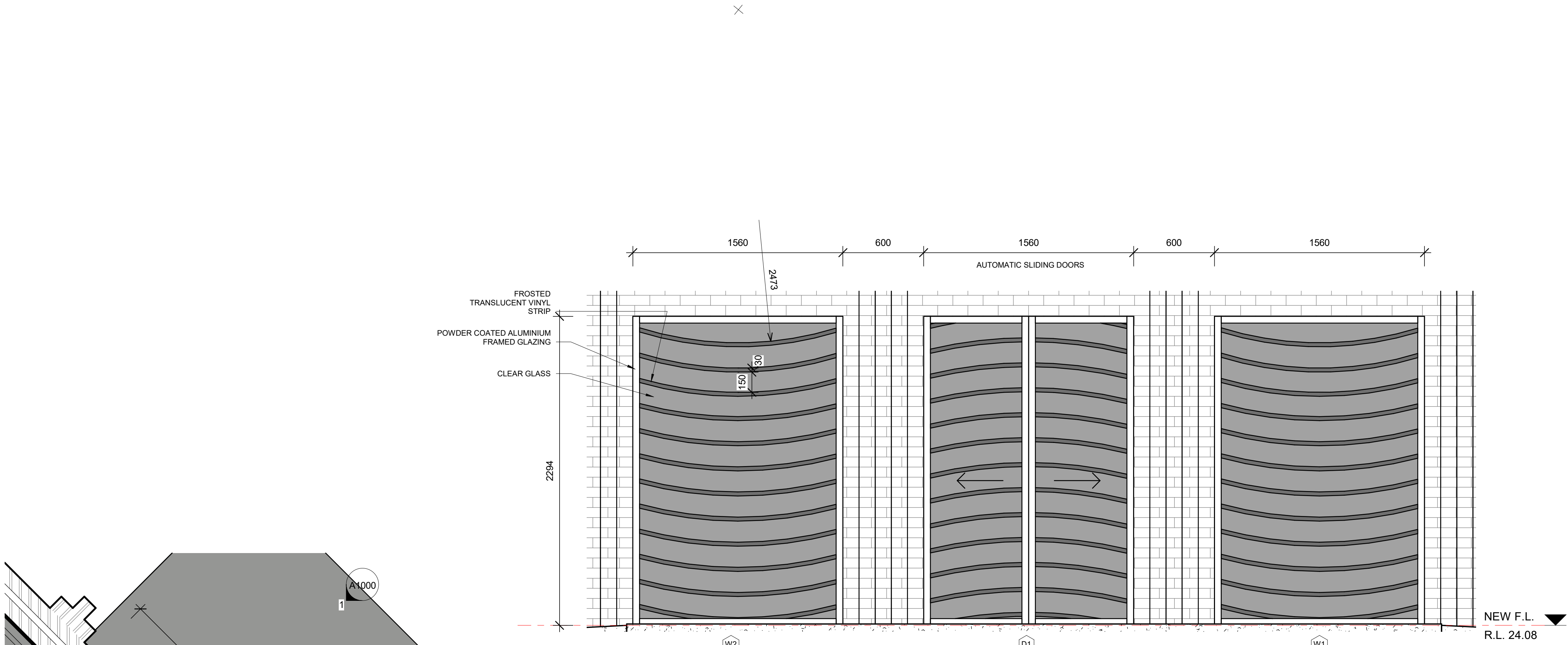
DRAWING TITLE:
ENTRY DOORS AND GLAZING DETAILS
A1 PRINT SIZE

SHEET ISSUE DATE: 16/3/21	DRAWING NO. REV.
REVISION DATE:	A150
SCALE: 1:20	
JOB NO.: W298	

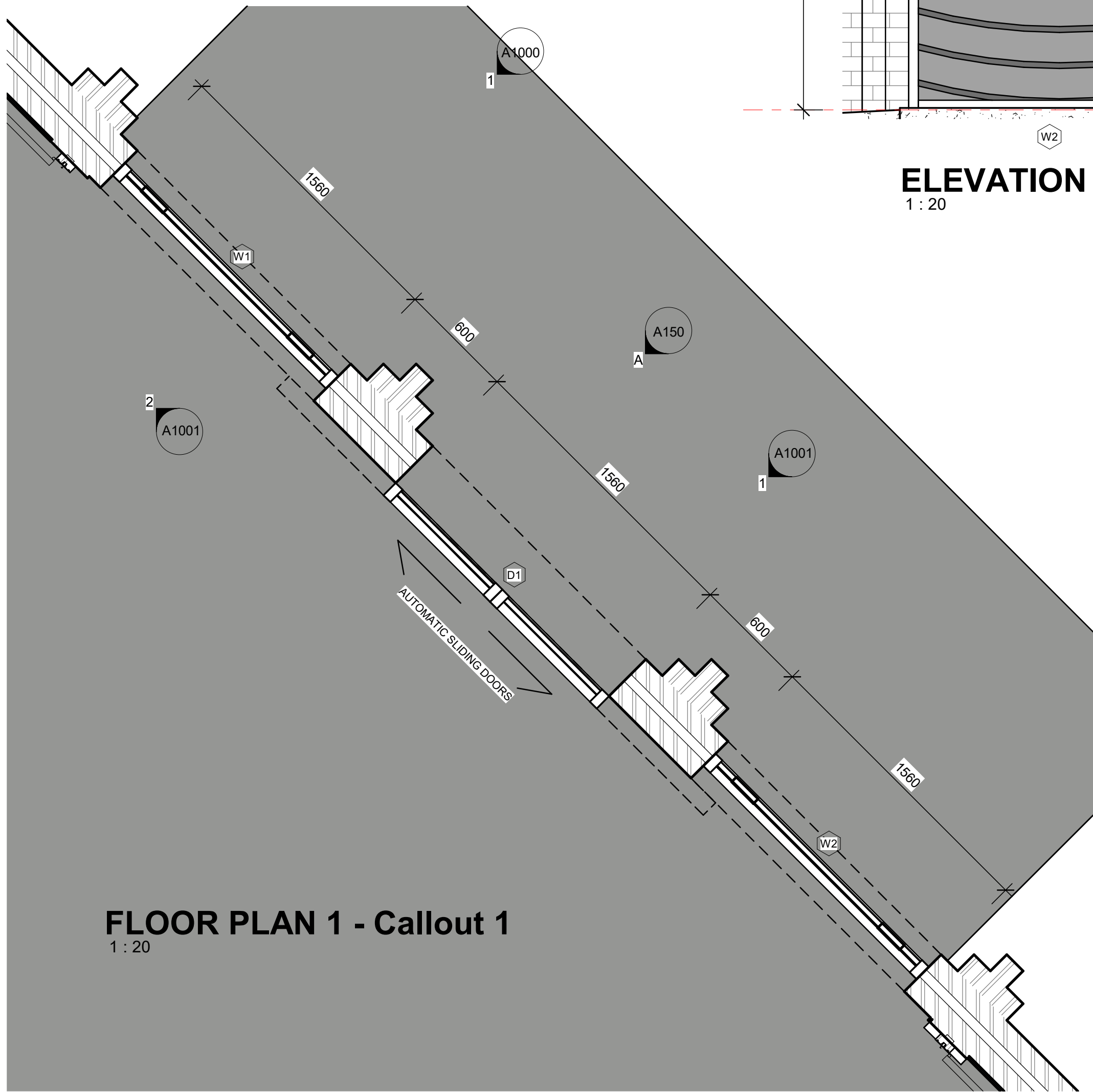
DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168
18/05/2021 2:36:42 PM



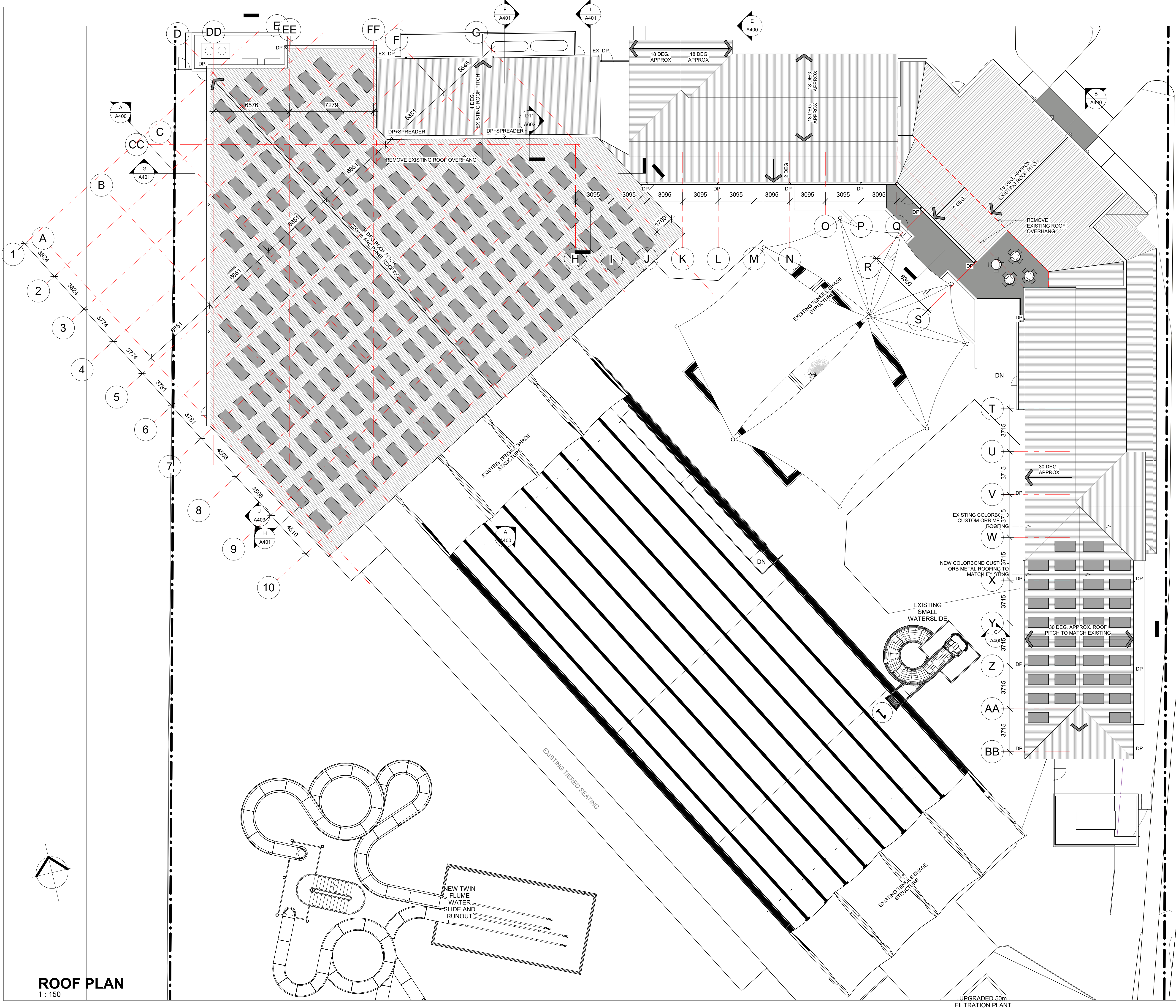
ELEVATION A
1:20



FLOOR PLAN 1 - Callout 1
1:20



EXISTING METAL GATES- TO BE REMOVED



ROOF PLAN
1 : 150

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN GAY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susangay.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct. Northwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
g: PO Box 82,
Corrywong NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:

ROOF PLAN 1

A1 PRINT SIZE

SHEET ISSUE DATE: 16/3/21 DRAWING NO. REV.

REVISION DATE:

SCALE: 1:150

JOB NO.: W298

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

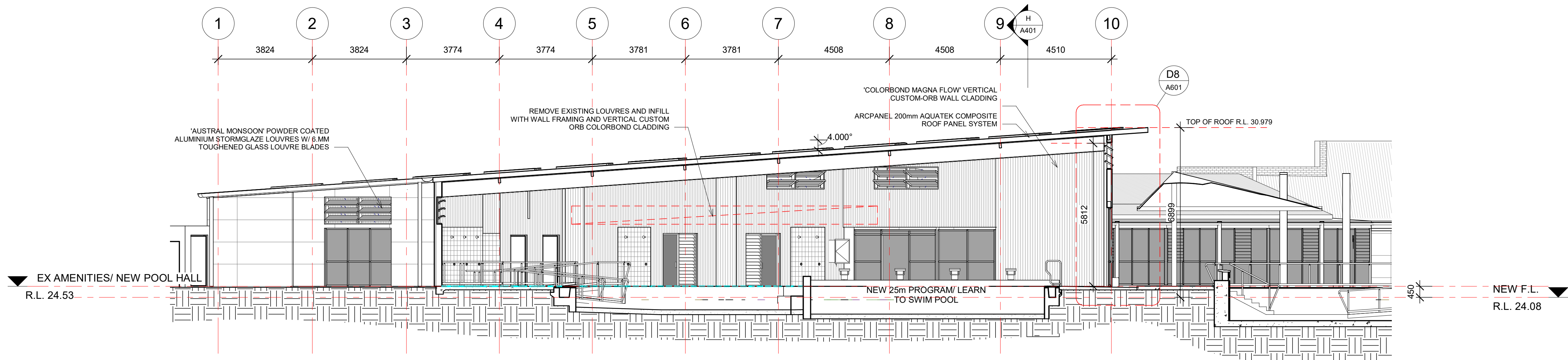
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

18/05/2021 2:37:06 PM

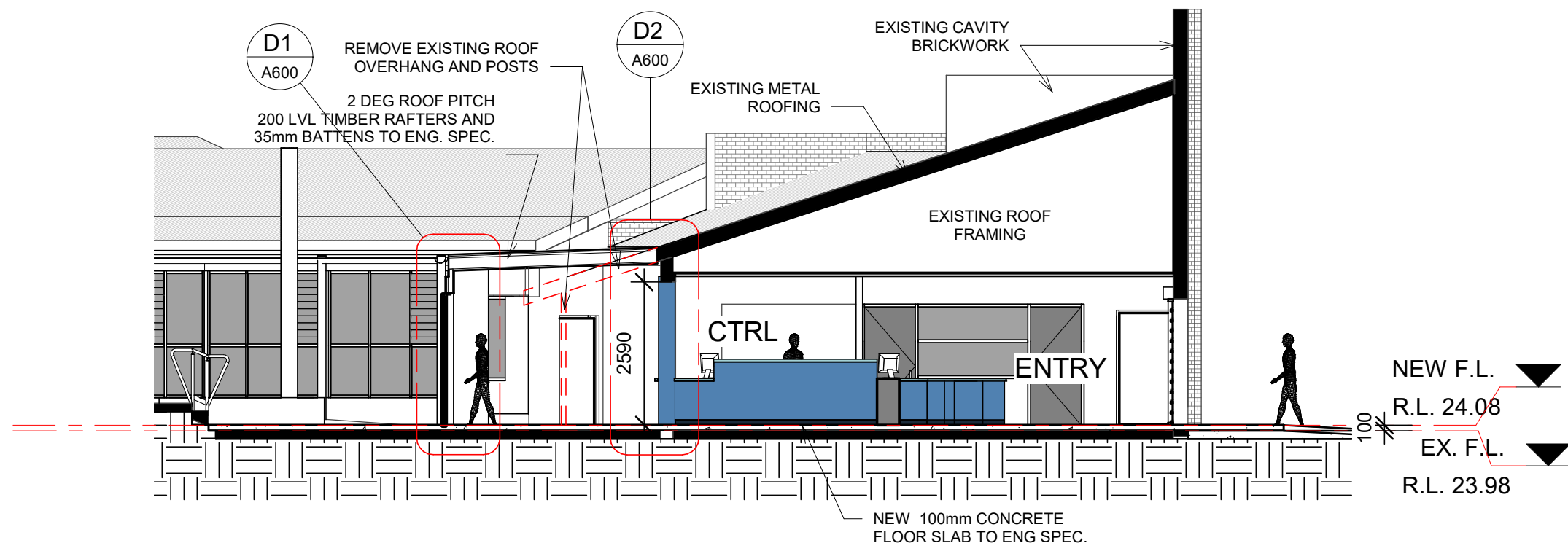
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

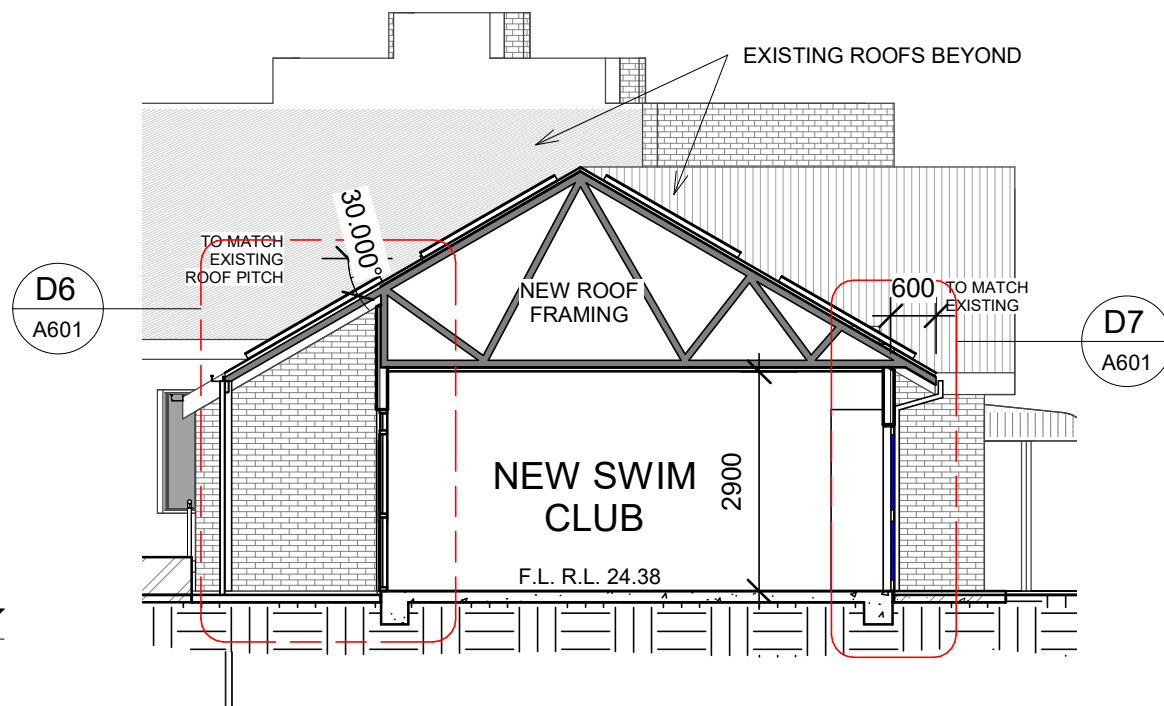
Rev	Description	Date
-----	-------------	------



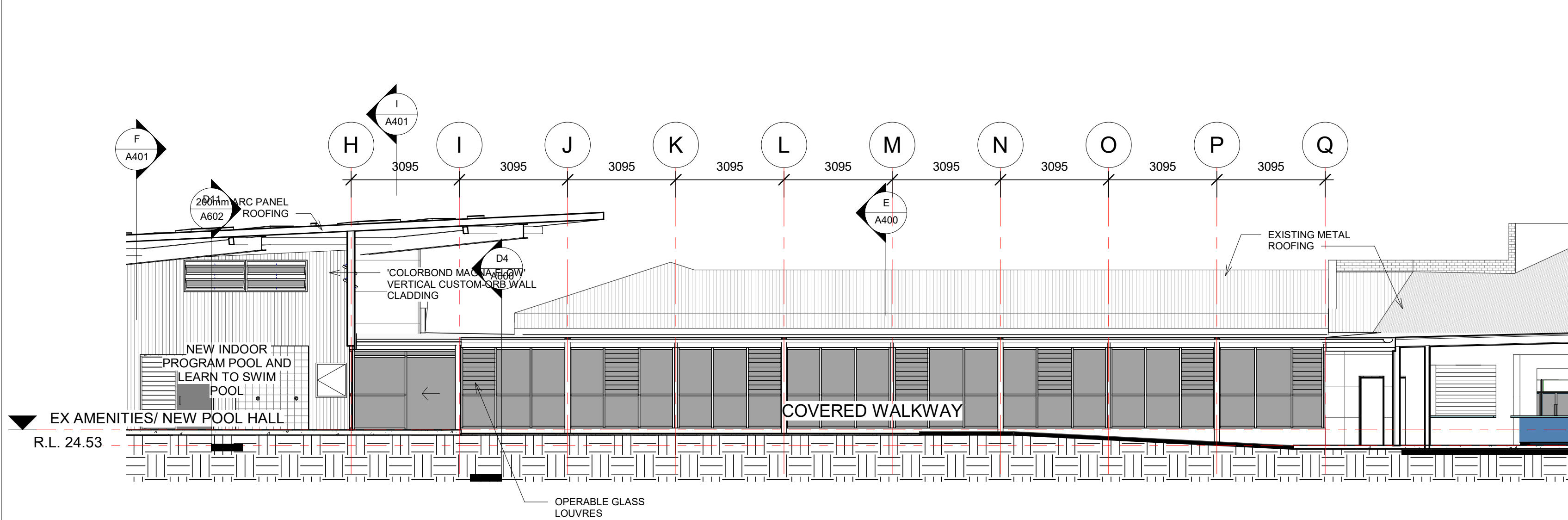
SECTION A
1 : 100



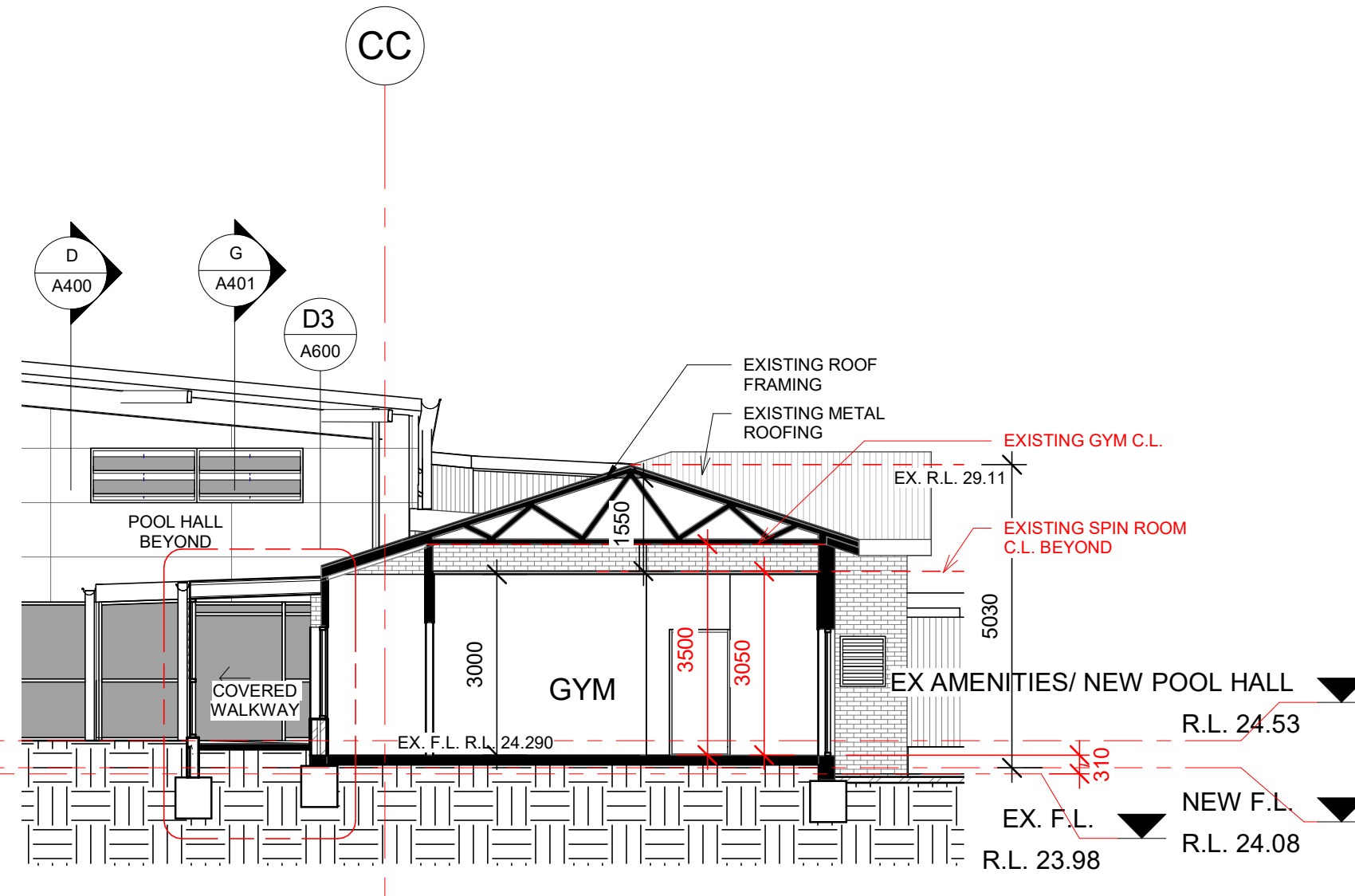
SECTION B
1 : 100



SECTION C
1 : 100



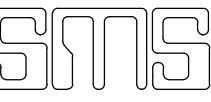
SECTION D
1 : 100



SECTION E
1 : 100

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN P. LEE
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@smstprg.com.au



CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-engineers.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
PO Box 82,
Collingridge NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:

SECTIONS 1

SHEET ISSUE DATE: 16/3/21	DRAWING NO. REV.
REVISION DATE:	A400
SCALE: 1 : 100	
JOB NO.: W298	

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

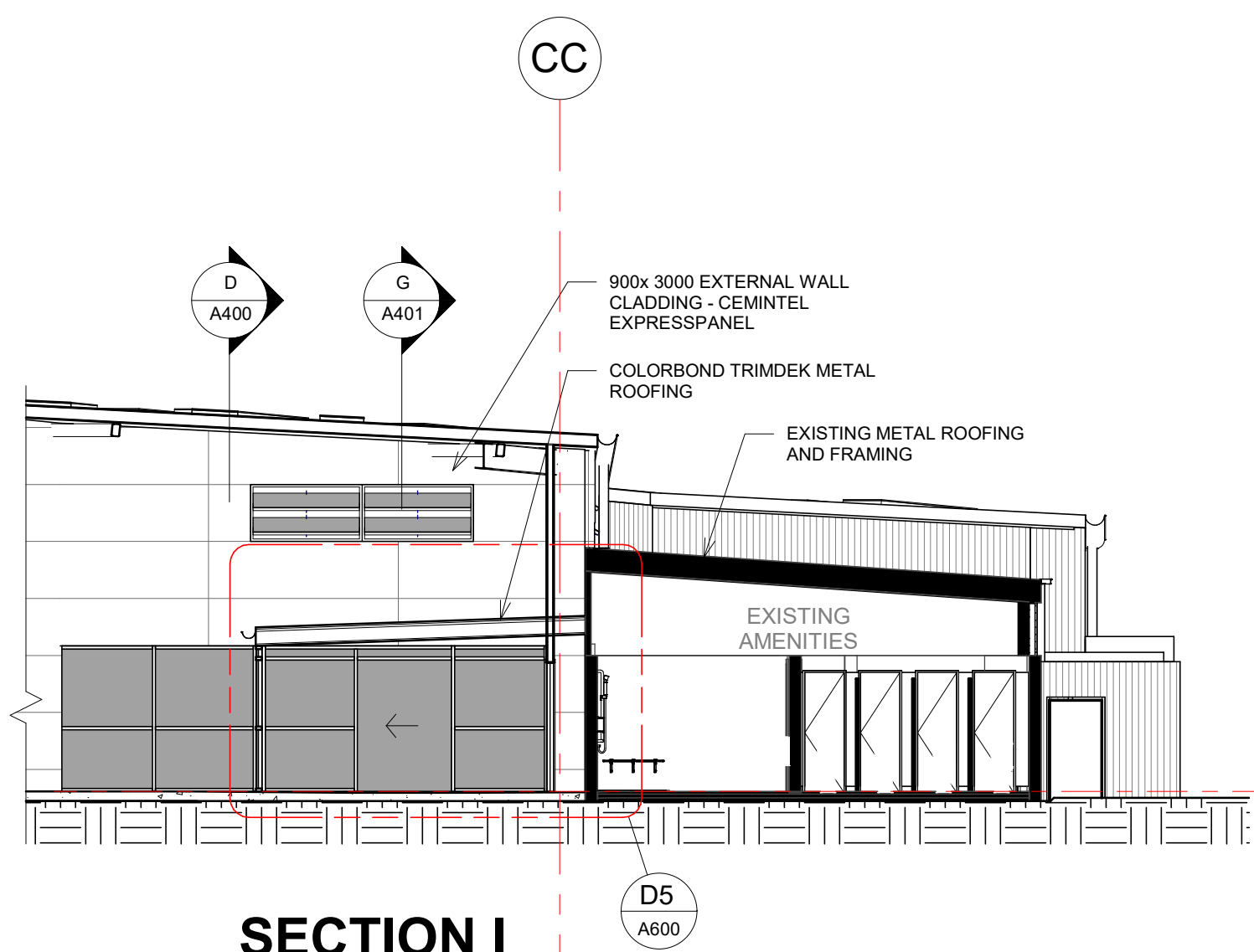
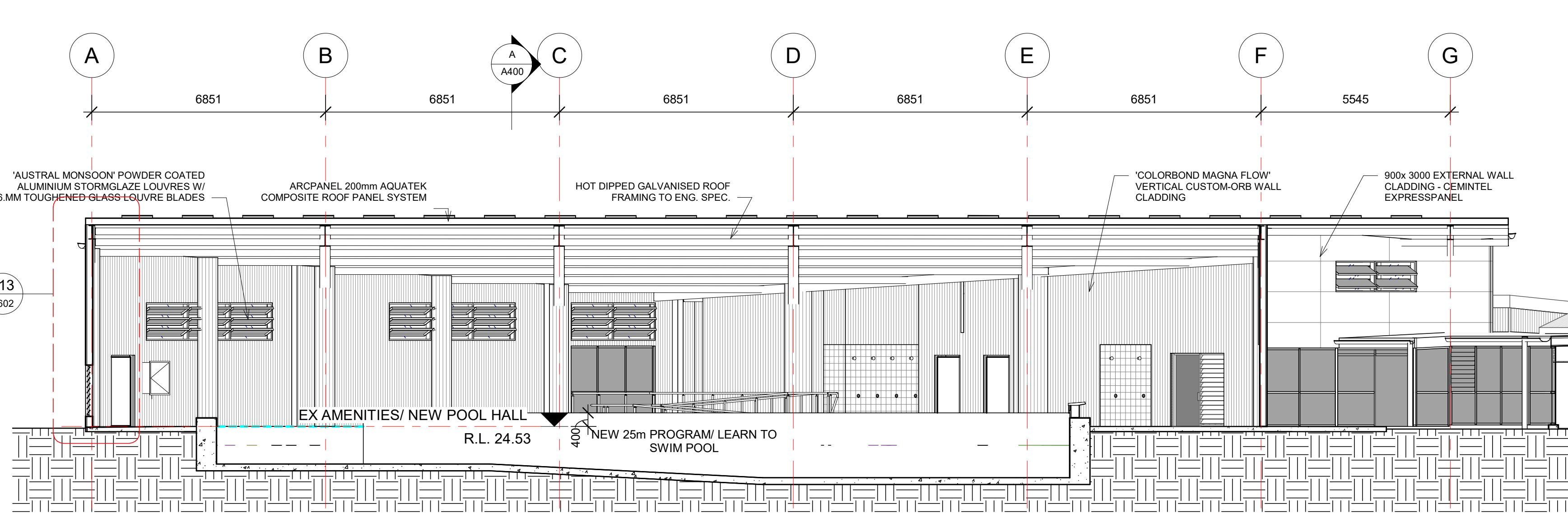
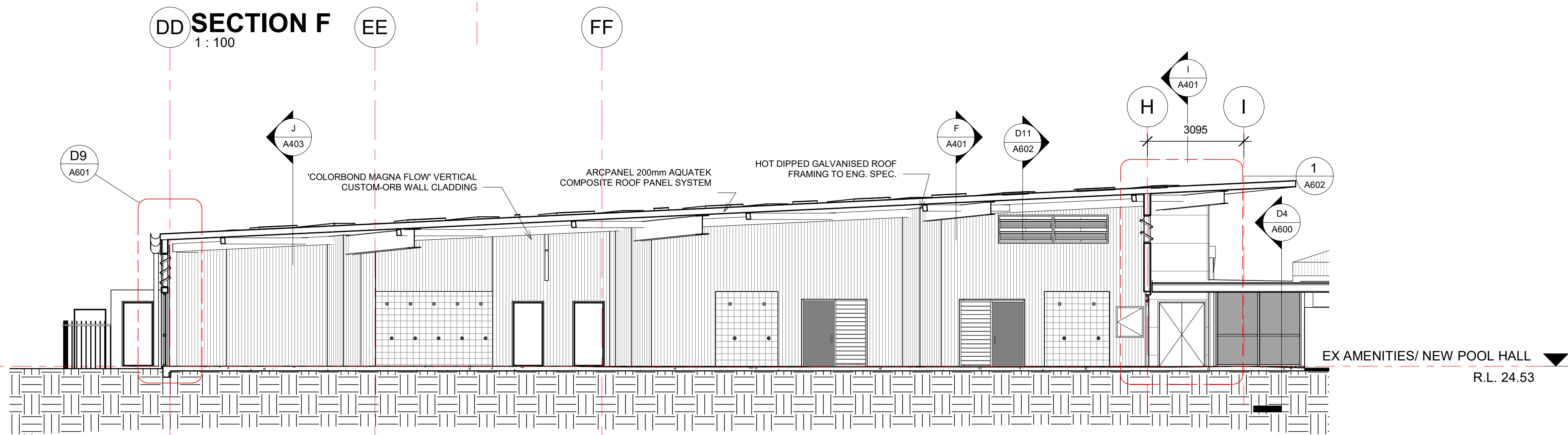
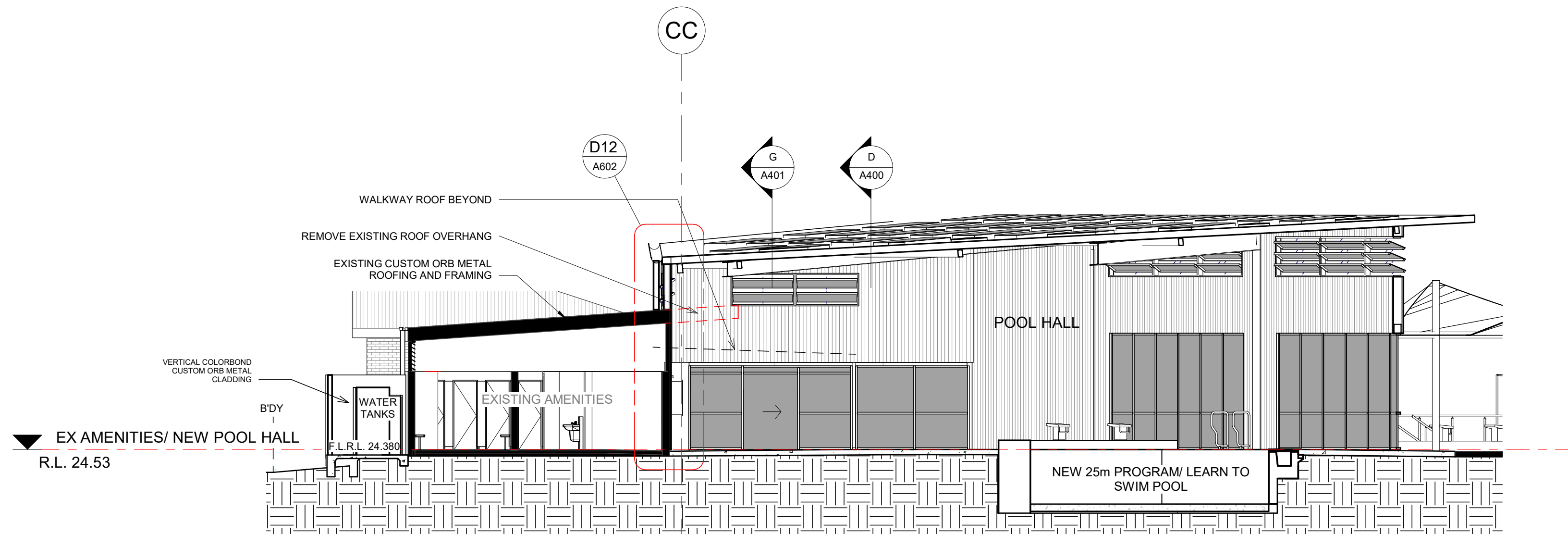
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:37:27 PM

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------



CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN DAY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susanday.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: noli@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Camden NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
SECTIONS 2

SHEET ISSUE DATE: 03/29/21	DRAWING NO. REV.
REVISION DATE:	A401
SCALE: 1:100	
JOB NO.: W298	

DRAWN BY: Author CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

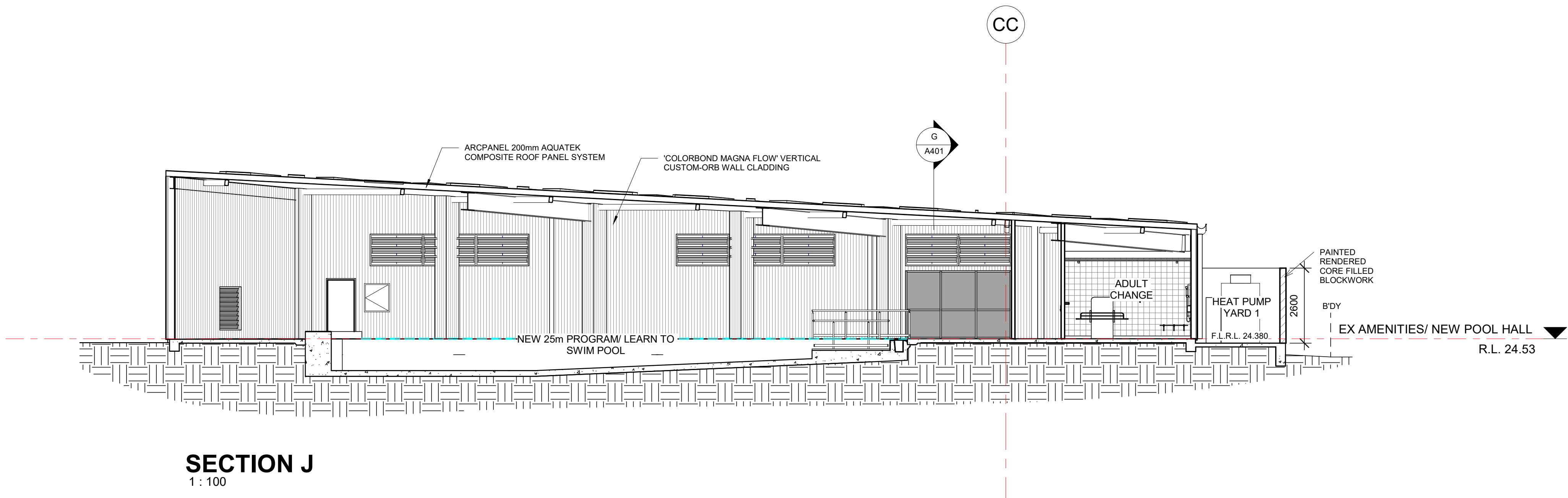
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:37:31 PM

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

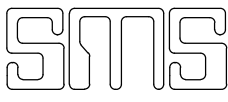
Rev	Description	Date
-----	-------------	------



SECTION J
1 : 100

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSSEX PTY LTD
acn 80 158 133 110
po box 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@sussexpt.com.au



CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Camden NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:

SECTIONS 3

SHEET ISSUE DATE: 04/21/21	DRAWING NO. A403	REV.
REVISION DATE:		
SCALE: 1 : 100		
JOB NO.: W298		

DRAWN BY: Author CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

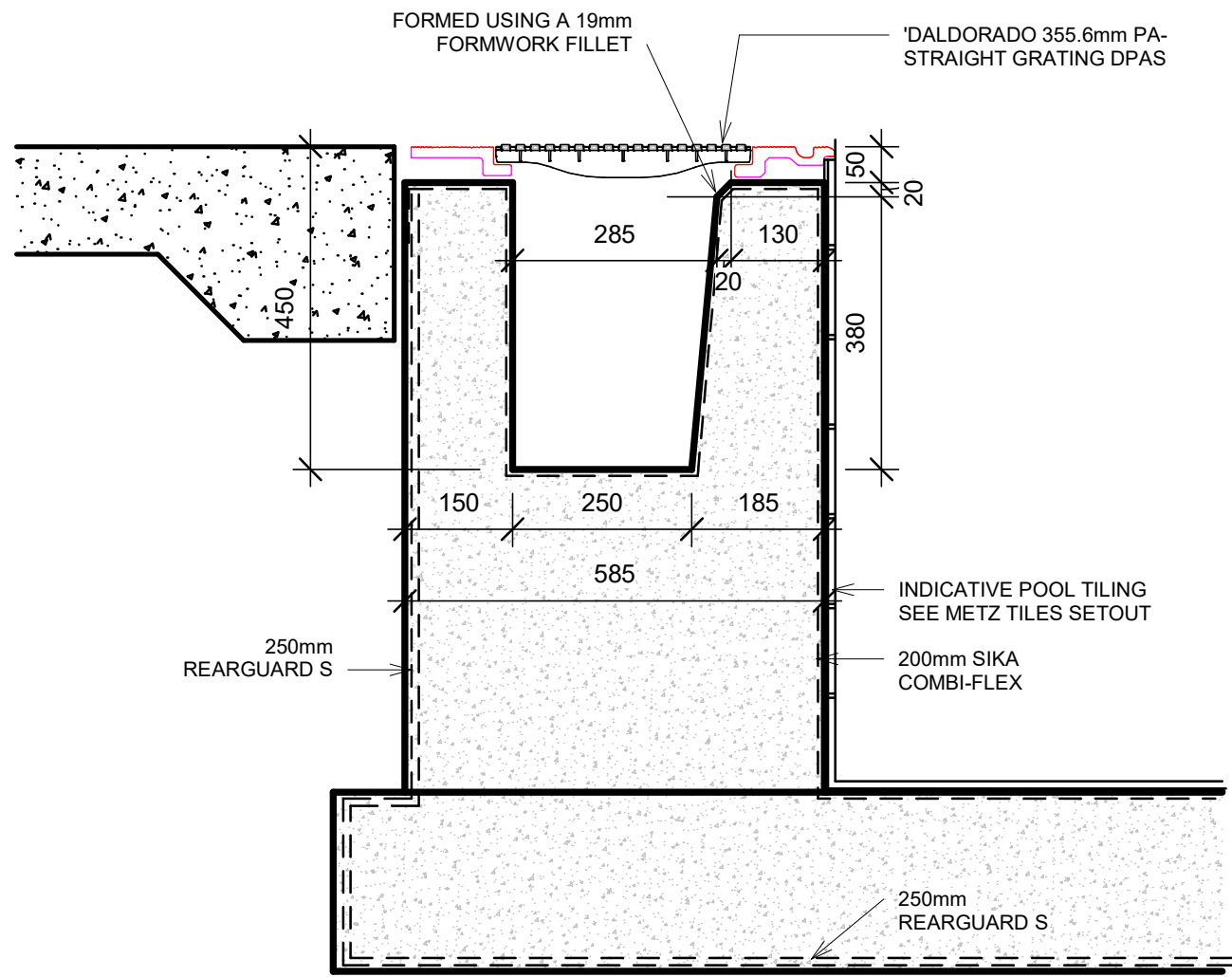
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

18/05/2021 2:37:33 PM

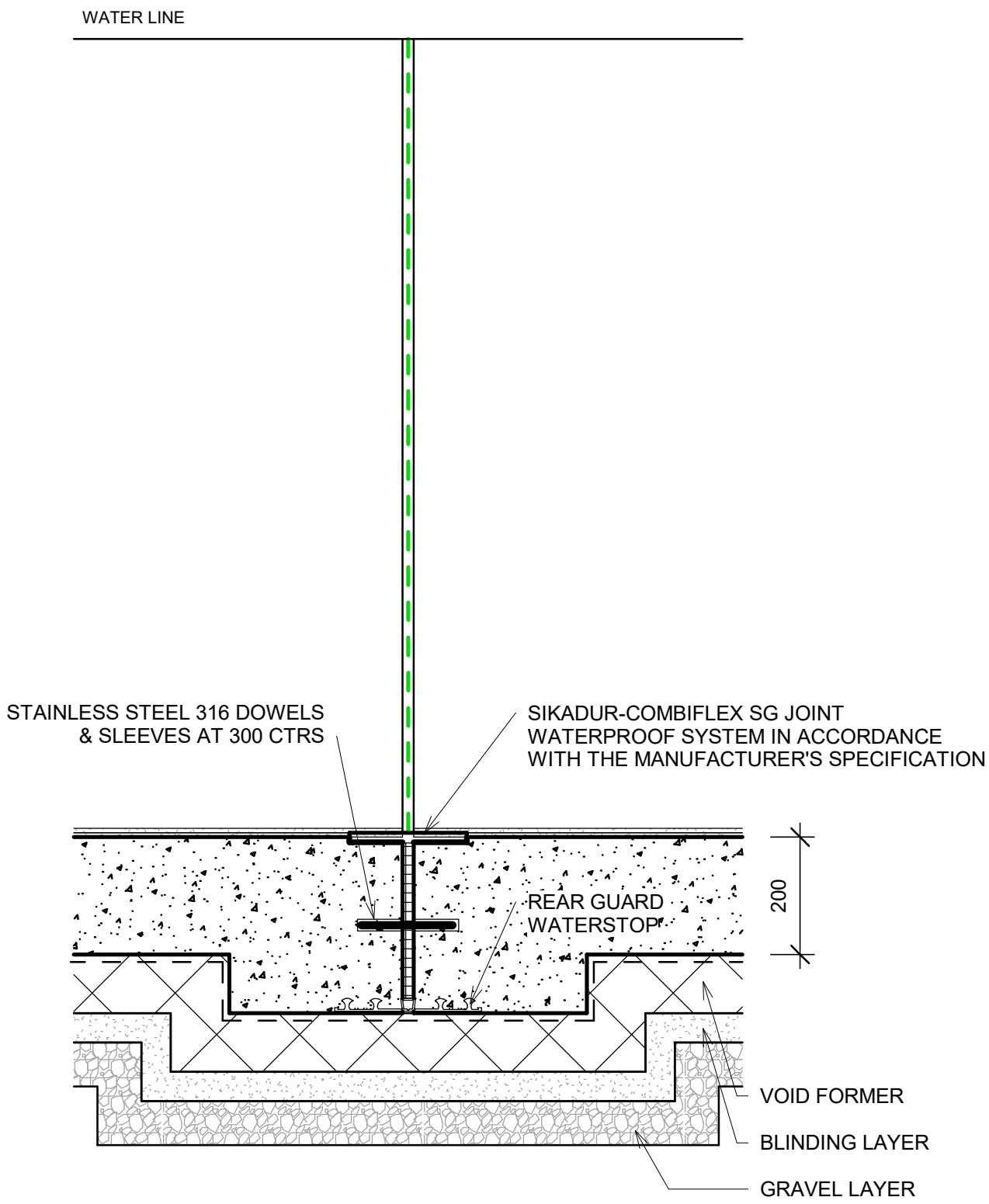
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

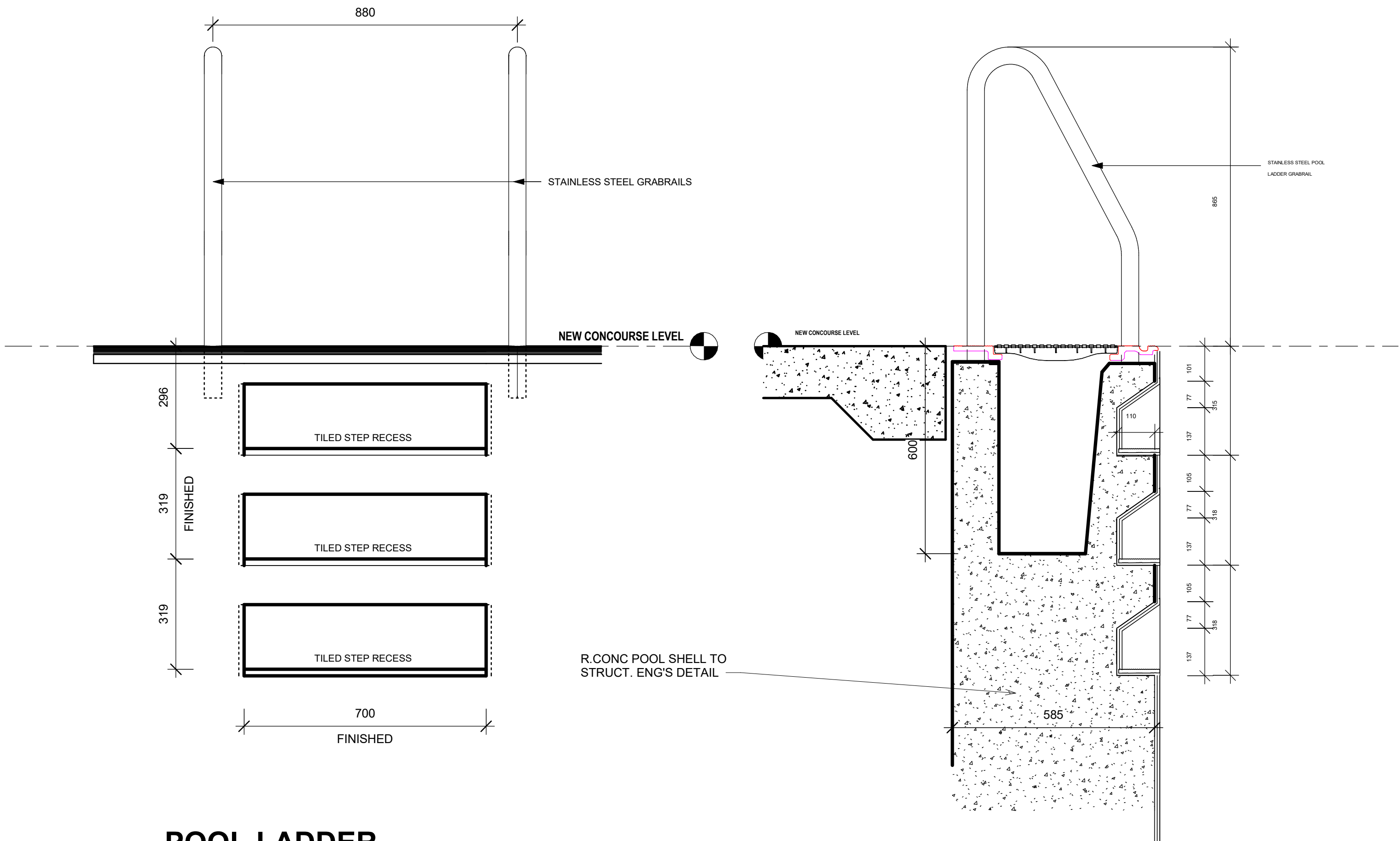
Rev	Description	Date
-----	-------------	------



GUTTER DETAIL
1 : 10



TYPICAL POOL EXPANSION JOINT DETAIL



POOL LADDER
1 : 10

CONSULTANT 5:

COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING

T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:

Sutherland Shire Council

Room 80 158 133 110

PO Box 480

Mission Point 1565

T 9438 1022 F 9438 2124

E reception@smc.nsw.gov.au

SMS

CONSULTANT 3:

HEATH CONSULTING ENGINEERS

351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800

Telephone: (03) 6360 0755
Facsimile: (03) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:

SPECTRUM
ENGINEERING SOLUTIONS

1 Davis Place
Glenhaven NSW 2156

Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:

ECLIPSE Consulting Engineers Pty Ltd

304/12 Century Cct - Norwest Central,
Baulkham Hills NSW 2153

P: 02 9894 8500
M: 0419 64 8500 F: 02 8850 0212
E: info@eclipse-engineers.com.au

ECLIPSE CONSULTING ENGINEERS

DESIGN ARCHITECT:

FACILITY DESIGN GROUP

Architecture & Construction

AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT

NSW Reg. No. 7168
ABN: 75 583 999 624
E: info@fdg.com.au
W: www.fdg.com.au
P: 02 4446 0777
G: PO Box 82,
Camden NSW 2540

CLIENT:

Richmond Valley Council

PROJECT NAME:

CASINO MEMORIAL SWIMMING POOL UPGRADE

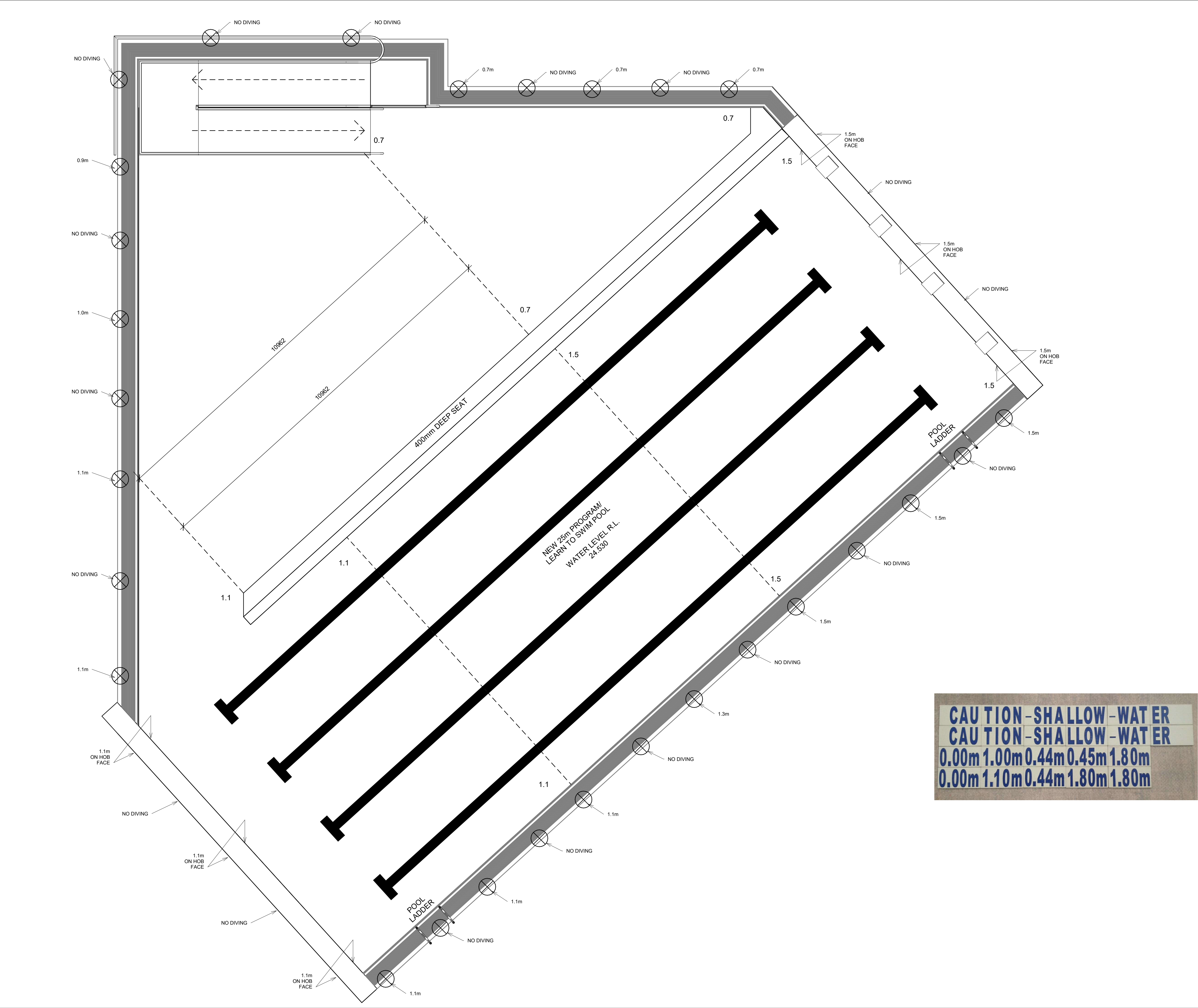
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:	
POOL DETAILS	
A1 PRINT SIZE	
SHEET ISSUE DATE: 03/29/21	DRAWING NO. REV.
REVISION DATE:	
SCALE: 1 : 10	A450
JOB NO.: W298	
DRAWN BY: Author CHECKED BY: S. JOHANSSON	

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168
18/05/2021 2:37:34 PM



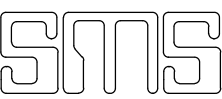
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
-----	-------------	------

CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN P. GUY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@suspcorp.com.au



CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumeng.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKLEIGH HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
o: PO Box 82,
Corrywong NSW 2540

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
DEPTH MARKERS AND WARNING TILE

SHEET ISSUE DATE:	04/09/21	DRAWING NO.	REV.
REVISION DATE:		A470	
SCALE:	1:50		
JOB NO.:	W298		

DRAWN BY: Author CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

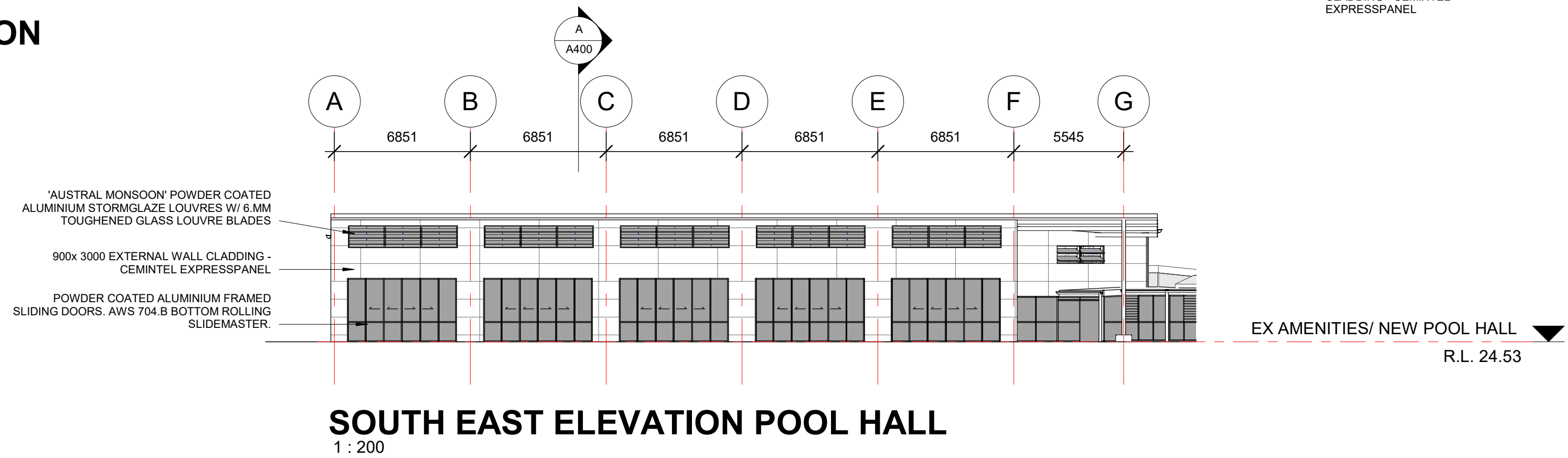
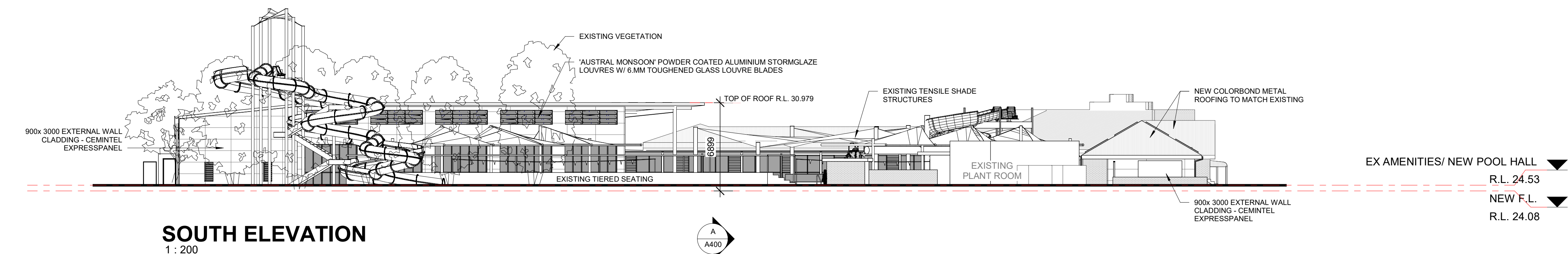
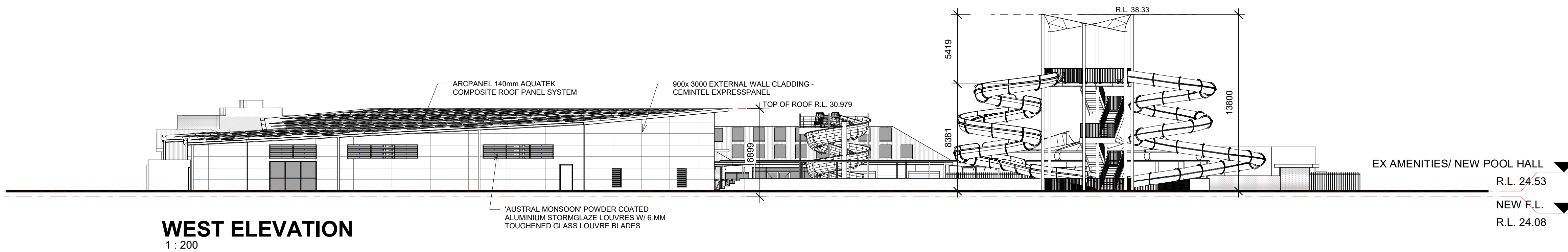
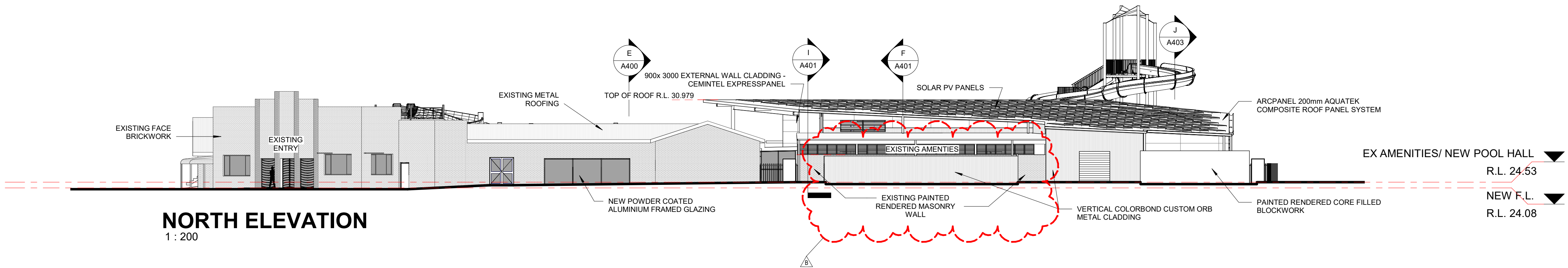
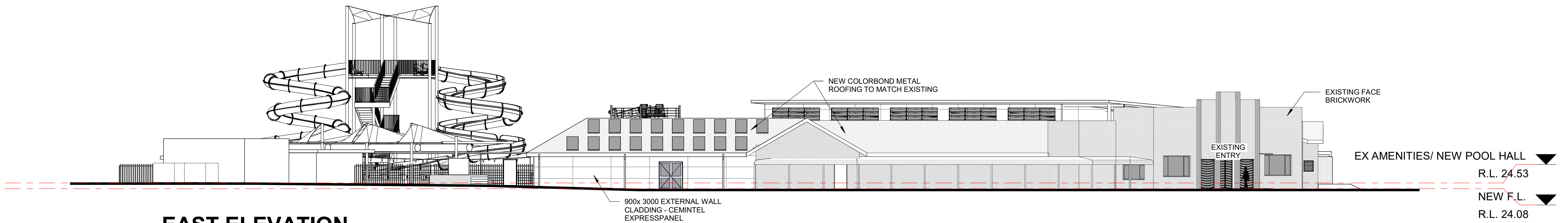
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

18/05/2021 2:38:03 PM

CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

Rev	Description	Date
A	RAINWATER TANKS ADDED	3.5.21
B	REVISED WATER TANKS LOCATION	14.5.21



CONSULTANT 5:
COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:
SUSAN P. GAY LTD
PO BOX 480
MILSONS POINT 1565
T 9438 1022 F 9438 2124
E reception@susangay.com.au

CONSULTANT 3:
HEATH CONSULTING ENGINEERS
351 SUMMER STREET
PO BOX 2501
ORANGE NSW 2800
Telephone: (02) 6360 0755
Facsimile: (02) 6360 0766
Email: admin@heathce.com

CONSULTANT 2:
SPECTRUM ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2156
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: info@spectrumengineering.com.au

CONSULTANT 1:
ECLIPSE Consulting Engineers Pty Ltd
304/12 Century Cct - Norwest Central,
BAULKHAM HILLS NSW 2153
p: 02 9894 8500
m: 0419 64 8500 f: 02 8850 0212
e: info@eclipseconsulting.com.au

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT
NSW Reg. No. 7168
ABN: 75 983 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
g: PO Box 82,
Cronulla NSW 2240

CLIENT:
Richmond Valley Council

PROJECT NAME:
CASINO MEMORIAL SWIMMING POOL UPGRADE
DA ISSUE

PROJECT ADDRESS:
LOT 1 & 2, DP 862730, CORNER OF RICHMOND AND CENTRE STREETS, CASINO

DRAWING TITLE:
ELEVATIONS

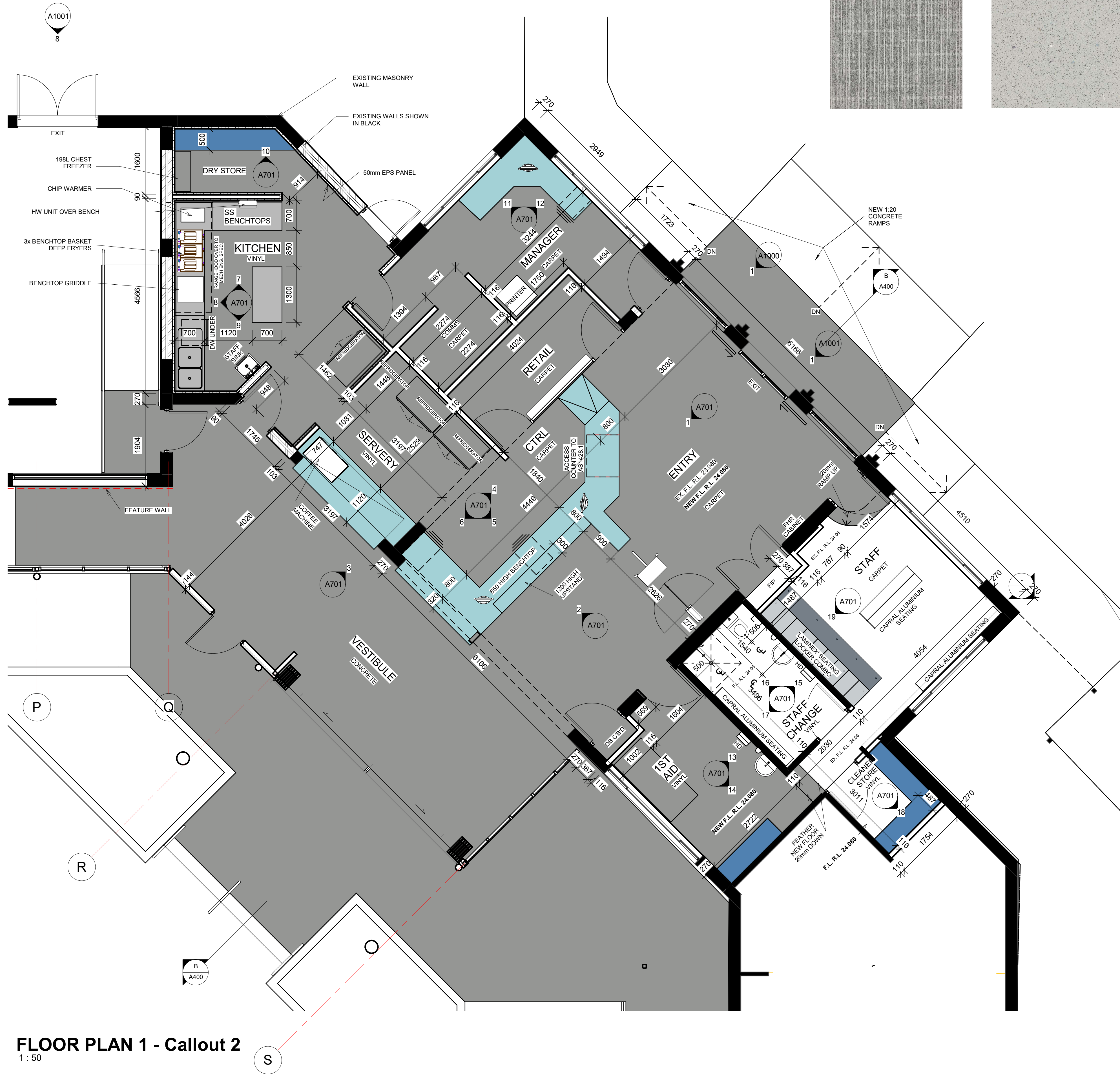
SHEET ISSUE DATE:	16/3/21	DRAWING NO.	REV.
REVISION DATE:	14.5.21	A500	B
SCALE:	1 : 200		
JOB NO.:	W298		

DRAWN BY: EB CHECKED BY: S. JOHANSSON

COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG No. 7168

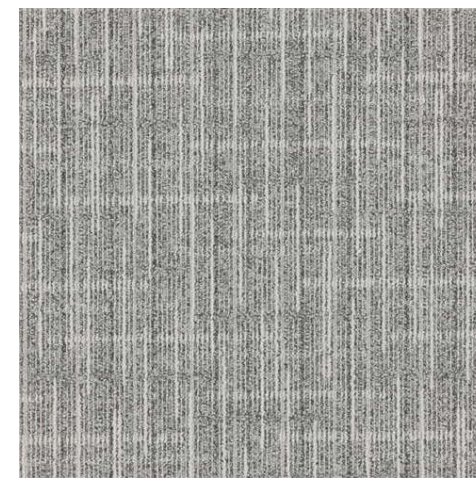
18/05/2021 2:39:01 PM



FLOOR PLAN 1 - Callout 2
1: 50

FLOORING

CARPET
NOLAN MIST (GA3681)

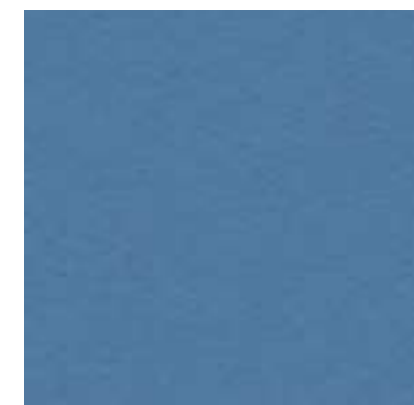


VINYL
FORBO SAFESTEP R12 (175032 SMOKE)



JOINERY

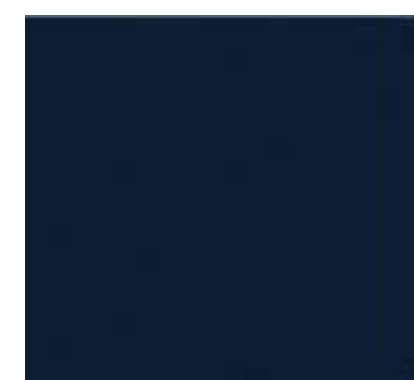
LAMINEX CHINA BLUE



BENCHTOPS
LAMINEX FRESH SPRING



KICKBOARD
LAMINEX FRENCH NAVY



WALLS

GENERAL
DULUX WHITE DUCK QUARTER S16B1Q



FEATURE WALLS
DULUX LAMPOON S02E7



SOLID CORE DOOR FRAMES AND LEAFS

GENERAL
DULUX MASON GREY SG6H4



GLAZED DOORS AND WINDOW FRAMES

GENERAL
COLORBOND SHALE GREY



CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

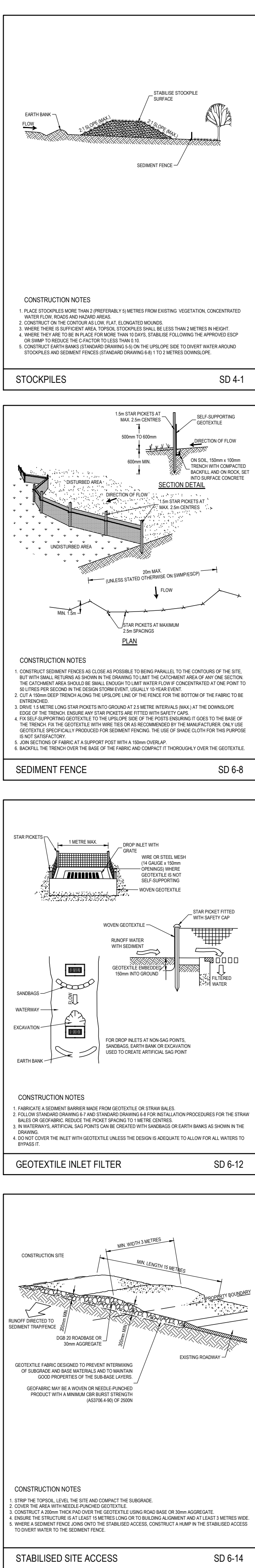
Rev	Description	Date
-----	-------------	------

CONSULTANT 5:

COLARC ARCHITECTURE | APPLIED AQUATIC ENGINEERING
T 02 9555 8108 E architects@collingridge.net.au

CONSULTANT 4:

5/20/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/1231/1232/1233/1234/1235/1236/1237/1238/1239/1240/1241/1242/1243/1244/1245/1246/1247/1248/1249/1250/1251/1252/1253/1254/1255/1256/1257/1258/1259/1260/1261/1262/1263/1264/1265/1266/1267/1268/1269/1270/1271/1272/1273/1274/1275/1276/1277/1278/1279/1280/1281/1282/1283/1284/1285/1286/1287/1288/1289/1290/1291/1292/1293/1294/1295/1296/1297/1298/1299/1300/1301/1302/1303/1304/1305/1306/1307/1308/1309/1310/1311/1312/1313/1314/1315/1316/1317/1318/1319/1320/1321/1322/1323/1324/1325/1326/1327/1328/1329/1330/1331/1332/1333/1334/1335/1336/1337/1338/1339/1340/1341/1342/1343/1344/1345/1346/1347/1348/1349/1350/1351/1352/1353/1354/1355/1356/1357/1358/1359/1360/1361/1362/1363/1364/1365/1366/1367/1368/1369/1370/1371/1372/1373/1374/1375/1376/1377/1378/1379/1380/1381/1382/1383/1384/1385/1386/1387/1388/1389/1390/1391/1392/1393/1394/1395/1396/1397/1398/1399/1400/1401/1402/1403/1404/1405/1406/1407/1408/1409/1410/1411/1412/1413/1414/1415/1416/1417/1418/1419/1420/1421/1422/1423/1424/1425/1426/1427/1428/1429/1430/1431/1432/1433/1434/1435/1436/1437/1438/1439/1440/1441/1442/1443/1444/1445/1446/1447/1448/1449/1450/1451/1452/1453/1454/1455/1456/1457/1458/1459/1460/1461/1462/1463/1464/1465/1466/1467/1468/1469/1470/1471/1472/1473/1474/1475/1476/1477/1478/1479/1480/1481/1482/1483/1484/1485/1486/1487/1488/1489/1490/1491/1492/1493/1494/1495/1496/1497/1498/1499/1500/1501/1502/1503/1504/1505/1506/1507/1508/1509/1510/1511/1512/1513/1514/1515/1516/1517/1518/1519/1520/1521/1522/1523/1524/1525/1526/1527/1528/1529/1530/1531/1532/1533/1534/1535/1536/1537/1538/1539/1540/1541/1542/1543/1544/1545/1546/1547/1548/1549/1550/1551/1552/1553/1554/1555/1556/1557/1558/1559/1560/1561/1562/1563/1564/1565/1566/1567/1568/1569/1570/1571/1572/1573/1574/1575/1576/1577/1578/1579/1580/1581/1582/1583/1584/1585/1586/1587/1588/1589/1590/1591/1592/1593/1594/1595/1596/1597/1598/1599/1600/1601/1602/1603/1604/1605/1606/1607/1608/1609/1610/1611/1612/1613/1614/1615/1616/1617/1618/1619/1620/1621/1622/1623/1624/1625/1626/1627/1628/1629/1630/1631/1632/1633/1634/1635/1636/1637/1638/1639/1640/1641/1642/1643/1644/1645/1646/1647/1648/1649/1650/1651/1652/1653/1654/1655/1656/1657/1658/1659/1660/1661/1662/1663/1664/1665/1666/1667/1668/1669/1670/1671/1672/1673/1674/1675/1676/1677/1678/1679/1680/1681/1682/1683/1684/1685/1686/1687/1688/1689/1690/1691/1692/1693/1694/1695/1696/1697/1698/1699/1700/1701/1702/1703/1704/1705/1706/1707/1708/1709/1710/1711/1712/1713/1714/1715/1716/1717/1718/1719/1720/1721/1722/1723/1724/1725/1726/1727/1728/1729/1730/1731/1732/1733/1734/1735/1736/1737/1738/1739/1740/1741/1742/1743/1744/1745/1746/1747/1748/1749/1750/1751/1752/1753/1754/1755/1756/1757/1758/1759/1760/1761/1762/1763/1764/1765/1766/1767/1768/1769/1770/1771/1772/1773/1774/1775/1776/1777/1778/1779/1780/1781/1782/1783/1784/1785/1786/1787/1788/1789/1790/1791/1792/1793/1794/1795/1796/1797/1798/1799/1800/1801/1802/1803/1804/1805/1806/1807/1808/1809/1810/1811/1812/1813/1814/1815/1816/1817/1818/1819/1820/1821/1822/1823/1824/1825/1826/1827/1828/1829/1830/1831/1832/1833/1834/1835/1836/1837/1838/1839/1840/1841/1842/1843/1844/1845/1846/1847/1848/1849/1850/1851/1852/1853/1854/1855/1856/1857/1858/1859/1860/1861/1862/1863/1864/1865/1866/1867/1868/1869/1870/1871/1872/1873/1874/1875/1876/1877/1878/1879/1880/1881/1882/1883/1884/1885/1886/1887/1888/1889/1890/1891/1892/1893/1894/1895/1896/1897/1898/1899/1900/1901/1902/1903/1904/1905/1906/1907/1908/1909/1910/1911/1912/1913/1914/1915/1916/1917/1918/1919/1920/1921/1922/1923/1924/1925/1926/1927/1928/1929/1930/1931/1932/1933/1934/1935/1936/1937/1938/1939/1940/1941/1942/1943/1944/1945/1946/1947/1948/1949/1950/1951/1952/1953/1954/1955/1956/1957/1958/1959/1960/1961/1962/1963/1964/1965/1966/1967/1968/1969/1970/1971/1972/1973/1974/1975/1976/1977/1978/1979/1980/1981/1982/1983/1984/1985/1986/1987/1988/1989/1990/1991/1992/1993/1994/1995/1996/1997/1998/1999/2000/2001/2002/2003/2004/2005/2006/2007/2008/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/23



MAINTAIN THE ABOVE DURING THE COURSE OF CONSTRUCTION, AND CLEAR THE 'SEDIMENT TRAP' AFTER EACH STORM.

SEDIMENT TRAP
 TO BE 1000 x 1000 WIDE 500 DEEP PIT, LOCATED AT THE LOWEST POINT TO THE TRAP SEDIMENT.

WASHOUT AREA
 TO BE 1800 x 1800 ALLOCATED FOR THE WASHING OF TOOL & EQUIPMENT.

SEDIMENT FENCE
 PROVIDE 'SEDIMENT FENCE ON DOWN SLOPE BOUNDARY AS SHOWN ON PLAN. FABRIC TO BE BURIED BELOW GROUND AT LOWER EDGE.

SANDBAG KERB SEDIMENT TRAP

CERTAIN CIRCUMSTANCES EXTRA SEDIMENT TRAPPING MAY BE NEEDED IN THE STREET GUTTER.

The diagram illustrates a sandbag kerb sediment trap. The top section shows a cross-section of a stockpile with an earth bank to prevent scour, a waterproof covering, and a sediment fence. The bottom section shows a plan view of a street gutter with a bag in the gutter, a 2000mm distance to the runoff, and a runoff arrow.

STORMWATER DRAINAGE

THE STORMWATER DRAINAGE DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH ASINZS 3500.3 - 1990 "STORMWATER DRAINAGE" & ASINZS 3500.3.2-1998 "STORMWATER DRAINAGE - ACCEPTABLE SOLUTIONS".

ANY VARIATIONS TO THE NOMINATED LEVELS SHALL BE REFERRED TO ENGINEER IMMEDIATELY.

ANY VARIATIONS TO SPECIFIED PRODUCTS OR DETAILS SHALL BE REFERRED TO THE ENGINEER FOR APPROVAL.

DOWN PIPES SHALL BE A MINIMUM OF DN100 SW GRADE UPVC OR 100X100 COLORBOND/ZINCALUME STEEL, UNO.

BOX COLORBOND OR ZINCALUME STEEL. GUTTERS SHALL BE A MINIMUM OF 450 WIDE X 150 DEEP.

EAVES GUTTERS SHALL BE A MINIMUM OF 125 WIDE X 100 DEEP (OR OF EQUIVALENT AREA) COLORBOND OR ZINCALUME STEEL.

SUBSOIL DRAINAGE SHALL BE PROVIDED TO ALL RETAINING WALLS & EMBANKMENTS, WITH THE LINES FEEDING INTO THE STORMWATER DRAINAGE SYSTEM.

DA APPROVAL ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES				A1 ORIGINAL SIZE

C	13.05.21	RE-ISSUED FOR DA APPROVAL
B	19.03.21	RE-ISSUED FOR DA APPROVAL
A	28.01.21	ISSUED FOR DA APPROVAL
REVISION	DATE	AMENDMENT DESCRIPTION

DESIGN ARCHITECT:

FACILITY DESIGN GROUP

Architecture & Construction

NSW Reg. No. 71 168
 ABN 75 083 999 624
 e: info@fdg.com.au
 w: www.fdg.com.au
 a: PO Box 52,
 Combewarra NSW 2540

AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT

COPYRIGHT

ECLIPSE Consulting Engineers Pty Ltd is the owner of the copyright subsisting in these drawings, plans, designs and specifications. They must not be used, reproduced or copied in whole or in part without prior written consent of ECLIPSE Consulting Engineers Pty Ltd

ECLIPSE

CONSULTING ENGINEERS

ECLIPSE Consulting Engineers Pty Ltd
 305/12 Century Cct
 Norwest Central
 NORWEST NSW 2153

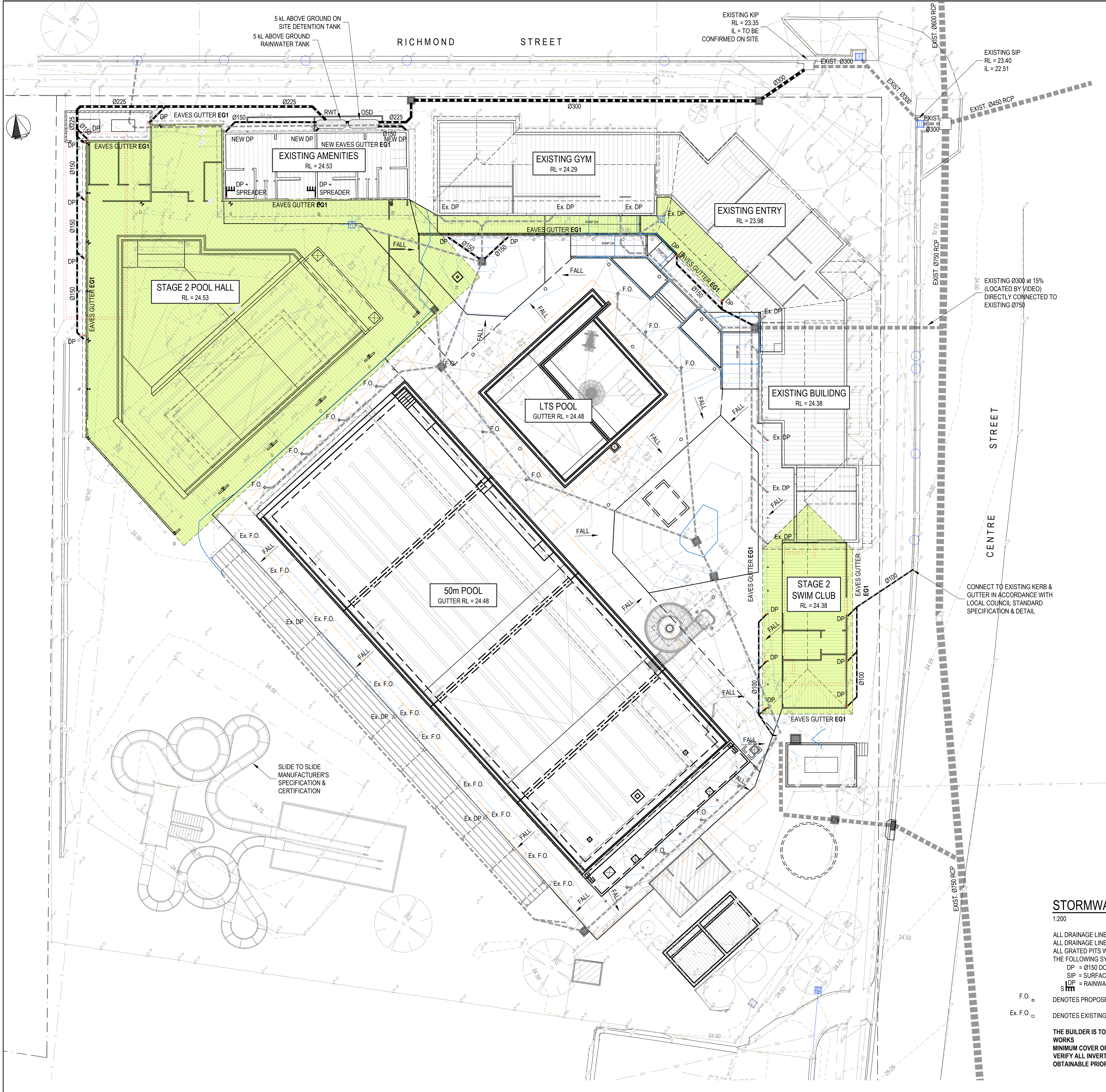
Phone : (02) 9894 9500
 info@eclipseconsulting.com.au
 www.eclipseconsulting.com.au

CASINO POOL UPGRADE - STAGE 2

Cnr of Richmond & Centre St, Casino
 For Richmond Valley Council

SEDIMENT & EROSION CONTROL PLAN

DESIGN	DRAWN	DATE	PROJECT No.
SWH	GOH	NOV 2020	10118
CHECKED	APPROVED	SCALE	DRG No.
		1:250	C202 - C



STORMWATER DRAINAGE STRATEGY

- ALL GUTTERS & DOWNPIPES ARE DESIGNED TO ACCEPT A 1:20 YEAR ARI STORM EVENT
- BOX GUTTERS & DOWNPIPES ARE DESIGNED TO ACCEPT A 1:100 YEAR ARI STORM EVENT
- ALL PITS & PIPES ARE DESIGNED TO ACCEPT A 1:20 YEAR ARI STORM EVENT
- DESIGN RAINFALL INTENSITIES:
 - 1:20 YEAR, 5 MIN STORM = 214 mm/hr
 - 1:100 YEAR, 5 MIN STORM = 278 mm/hr
- ALL PIPES MUST HAVE A MIN 1.0% FALL, U.N.O.

RAINWATER TANK DESIGN

DAILY (9AM) RAINFALL RECORD: 058208 (1995 - 2021)

REUSE DEMANDS:
- TOILETS: 2 @ 0.10 kL/day
= 0.2 kL/day

RAINWATER TANK CATCHMENT AREA = 12.2 m²
DESIGN RAINWATER TANK VOLUME = 5 kL
REUSE DEMAND MET = 93.48%

DETENTION TANK DESIGN

ANTECEDENT MOISTURE CONDITION (AMC) = 3.36
DETERMINED FROM RAINFALL RECORD 058208 (1995 - 2021)
SOIL TYPE = 3
TIME OF CONCENTRATION (t_c) = 5 min.
LOW FLOW ORIFICE DIAMETER = 150 mm
OVERFLOW PIPE DIAMETER = 225 mm
DETENTION VOLUME PROVIDED = 5 kL

PRE & POST DEVELOPMENT FLOWS

RAINFALL EVENT	1 EY	0.5 EY	0.2 EY	10%	5%	2%	1%
PRE-DEVELOPMENT FLOW (L/s)	28	36	47	60	70	79	88
POST-DEVELOPMENT FLOW (L/s)	32	40	50	57	65	71	95
STORAGE REQUIRED (m ³)	0.9	1.3	1.8	2.3	2.8	4.6	5.0

BY-PASS CREDIT CALCULATION

PRE-DEVELOPMENT:
CATCHMENT AREAS
EXISTING ROOF AREA (A_r) = 186 m²
EXISTING PAVED AREA (A_p) = 487 m²
EXISTING LANDSCAPED AREA (A_l) = 646 m²
TOTAL EXISTING AREA = 1,319 m²

POST-DEVELOPMENT:
CATCHMENT AREAS
NEW ROOF AREA (A_r) = 1,319 m²
TOTAL NEW AREA = 1,319 m²

BY-PASS AREA:
AREA BY-PASSING DETENTION = 261 m²
ADDITIONAL AREA DETAINED = 144 m²
MODELED BY-PASS AREA = 117 m²

DA APPROVAL ONLY

NOT TO BE USED FOR CONSTRUCTION PURPOSES

REVISION	DATE	AMENDMENT DESCRIPTION
C	13.05.21	RE-ISSUED FOR DA APPROVAL
B	19.03.21	RE-ISSUED FOR DA APPROVAL
A	28.01.21	ISSUED FOR DA APPROVAL

DESIGN ARCHITECT:
FACILITY DESIGN GROUP
Architecture & Construction
Aquatic ■ Sports ■ Leisure ■ Civic ■ Project Management
NSW Reg. No. 71 68
ABN 75 083 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
a: PO Box 62,
Camden NSW 2540

COPYRIGHT
ECLIPSE Consulting Engineers Pty Ltd is the owner of the copyright subsisting in these drawings, plans, designs and specifications. They must not be used, reproduced or copied in whole or in part without prior written consent of ECLIPSE Consulting Engineers Pty Ltd

ECLIPSE CONSULTING ENGINEERS

ECLIPSE Consulting Engineers Pty Ltd
305/12 Century Cct
Northwest Central
NORWEST NSW 2153
Phone: (02) 9894 8500
info@eclipseconsulting.com.au
www.eclipseconsulting.com.au

CASINO POOL UPGRADE - STAGE 2

Cnr of Richmond & Centre St, Casino
For Richmond Valley Council

STORMWATER DRAINAGE PLAN

DESIGN	DRAWN	DATE	PROJECT No.
SWH	GOH	NOV 2020	10118
CHECKED	APPROVED	SCALE	DRG No.
		1:200	C204 - C

STORMWATER DRAINAGE PLAN

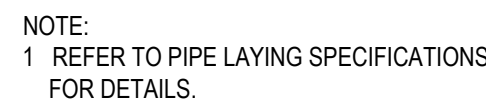
1:200

ALL DRAINAGE LINES SHALL BE UPVC (CLASS SH) STORMWATER DRAINAGE PIPE, UNO.
ALL DRAINAGE LINES SHALL BE LAID @ 1% FALL MIN. UNO.
ALL GRATED PITS WITHIN THE SITE BOUNDARIES TO HAVE HEEL GUARD GRATES TYPICAL
THE FOLLOWING SYMBOLS & ABBREVIATIONS HAVE BEEN USED:

DP = Ø150 DOWNPIPE
SIP = SURFACE INLET PIT (NO LINTEL)
DP = RAINWATER SPREADER

F.O. DENOTES PROPOSED 200 SQ SPS STAINLESS STEEL FLOOR OUTLET WITH HEELGUARD GRATE
Ex. F.O. DENOTES EXISTING 250 SQ FLOOR OUTLET

THE BUILDER IS TO VERIFY THE LOCATIONS OF ALL SERVICES PRIOR TO COMMENCEMENT OF WORKS
MINIMUM COVER OF STORMWATER PIPES UNDER GRASSED AREAS TO BE 300mm U.N.O
VERIFY ALL INVERT LEVELS, SURFACE LEVELS & COVER TO ALL STORMWATER PIPES ARE OBTAINABLE PRIOR TO COMMENCEMENT OF ANY WORKS



PIPE DIA 'D'	W	X MIN	Y
100-150	300	75	75
225-300	600	75	75

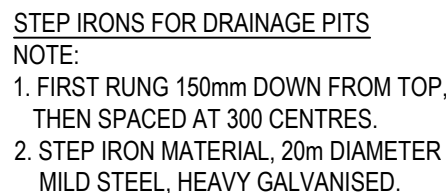
NOTE:
1 REFER TO PIPE LAYING SPECIFICATION FOR DETAILS.
2 BACKFILL OVERLAY & BEDDING ZONES 20mm CRUSHED ROCK
COMPACT BY TAMPING ROLLING OR VIBRATION TO NOT LESS
THAN 85% A.S. STD. MAX. DRY DENSITY.

D	W
150-300	150
375-750	300
+750	600

TYPICAL SURFACE INLET PIT DETAIL

1:20

TYPICAL FOR ALL PITS IN DRIVEWAY / PAVEMENT AREAS



STEP IRONS FOR DRAINAGE PITS

1:20

TYPICAL PIPE LAYING DETAIL

1:20



NTS

SPECIFICATIONS				
GUTTER TYPE	TYPE	'B'	TOTAL CROSS SECTION AREA (mm ²)	DOWNSPIPE SIZE
250 HALF ROUND	EG3	250	24500	Ø150

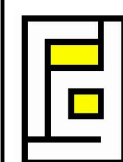


1:20

DA APPROVAL ONLY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

C	13.05.21	RE-ISSUED FOR DA APPROVAL
B	19.03.21	RE-ISSUED FOR DA APPROVAL
A	28.01.21	ISSUED FOR DA APPROVAL
REVISION	DATE	AMENDMENT DESCRIPTION

DESIGN ARCHITECT:



**FACILITY
DESIGN GROUP**
Architecture & Construction

NSW Reg. No. 7168
ABN 75 083 999 624
e: info@fdg.com.au
w: www.fdg.com.au
p: 02 4446 0777
a: PO Box 82,
Cronulla, NSW 2230

AQUATIC ■ SPORTS ■ LEISURE ■ CIVIC ■ PROJECT MANAGEMENT

COPYRIGHT

ECLIPSE Consulting Engineers Pty Ltd is the owner of the copyright subsisting in these drawings, plans, designs and specifications. They must not be used, reproduced or copied in whole or in part without prior written consent of ECLIPSE Consulting Engineers Pty Ltd

ECLIPSE | CONSULTING
ENGINEERS

ECLIPSE Consulting Engineers Pty Ltd
305/12 Century Cct
Norwest Central
NORWEST NSW 2153

Phone : (02) 9894 850
info@eclipseconsulting.com.au
www.eclipseconsulting.com.au

CASINO POOL UPGRADE - STAGE 2

Cnr of Richmond & Centre St, Casino
For Richmond Valley Council

STORMWATER DRAINAGE DETAILS

DESIGN SWH	DRAWN GOH	DATE NOV 2020	PROJECT No. 10118
CHECKED	APPROVED	SCALE 1:20	DRG No. C205 - C

A1 ORIGINAL SIZE