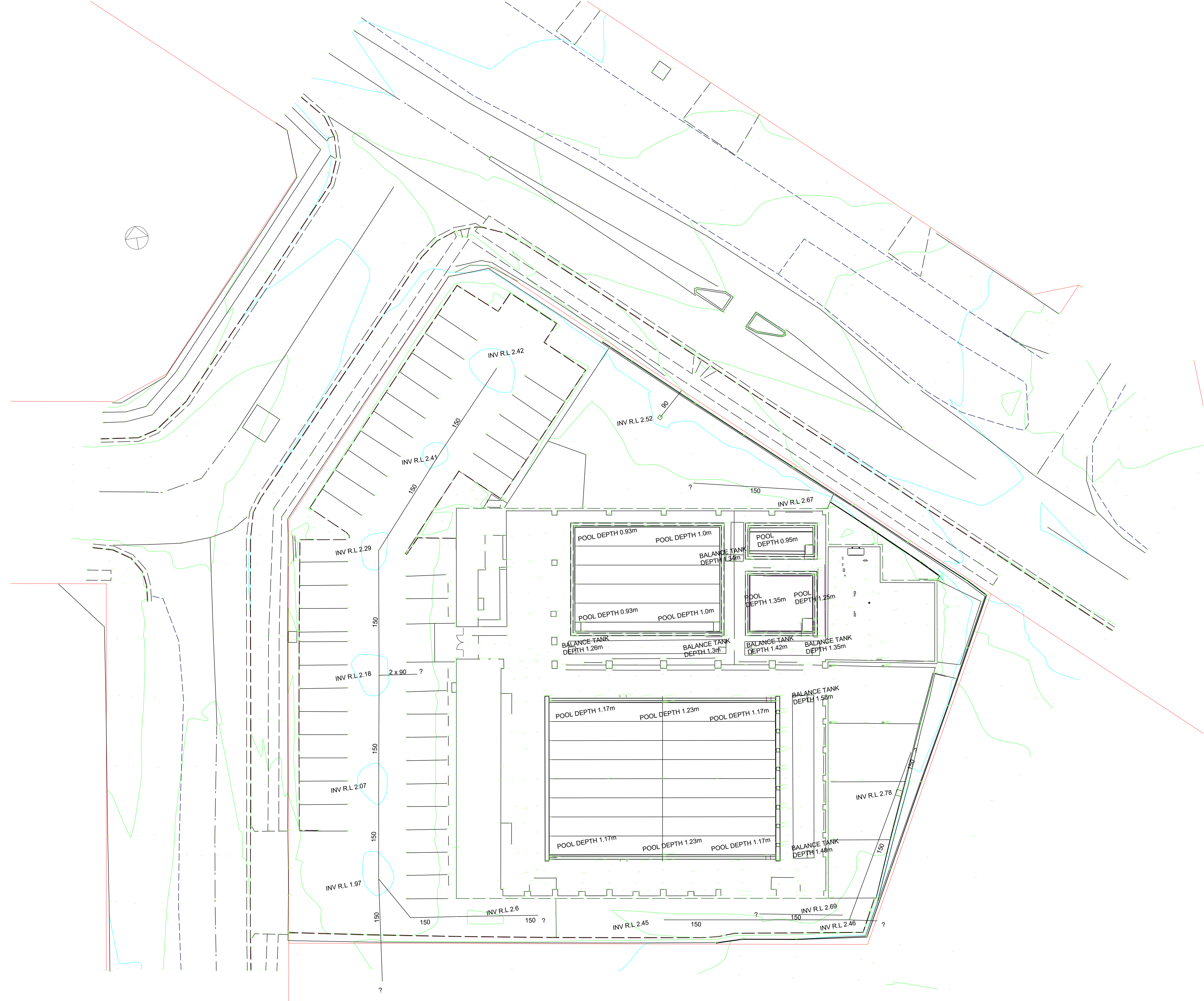


All Architectural drawing sheets to be cross-referenced with other relevant disciplines.

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



EXISTING SITE PLAN

1 : 200

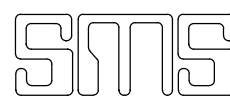
POOL CONSULTANT



AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A Division of Collingridge & Associates Architects
ABN 654 630 729 17 CAMERON ST BRISBANE QLD 4001
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL

SMScorp Pty Ltd
acn 80 158 133 110
po box 480
Milsom Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au



HYDRAULIC



Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9691 5055 F 02 9691 3598 E admin@sparkspartners.com.au

ELECTRICAL



1 Davis Place
Glenside NSW 2168
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email: nat@spectrumeng.com.au

STRUCTURAL AND CIVIL

ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALMAIN HILLS NSW 2153
p: 02 8894 8500 m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:



DA ISSUE

CLIENT:

LAKE MACQUARIE CITY COUNCIL



PROJECT NAME:

TORONTO SWIM CENTRE
REFURBISHMENT

PROJECT ADDRESS:

LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:

EXISTING SITE PLAN

A1 PRINT SIZE

SHEET ISSUE DATE: 08/18/17

REVISION DATE:

SCALE: 1 : 200 @ A1

JOB NO.: W-237

DRAWING NO. REV.

A005

DRAWN BY: Author CHECKED BY: S. JOHANSSON
NSW RE. 7168

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.

DRAWN BY: EB CHECKED BY: S. JOHANSSON
NSW REG. 7168

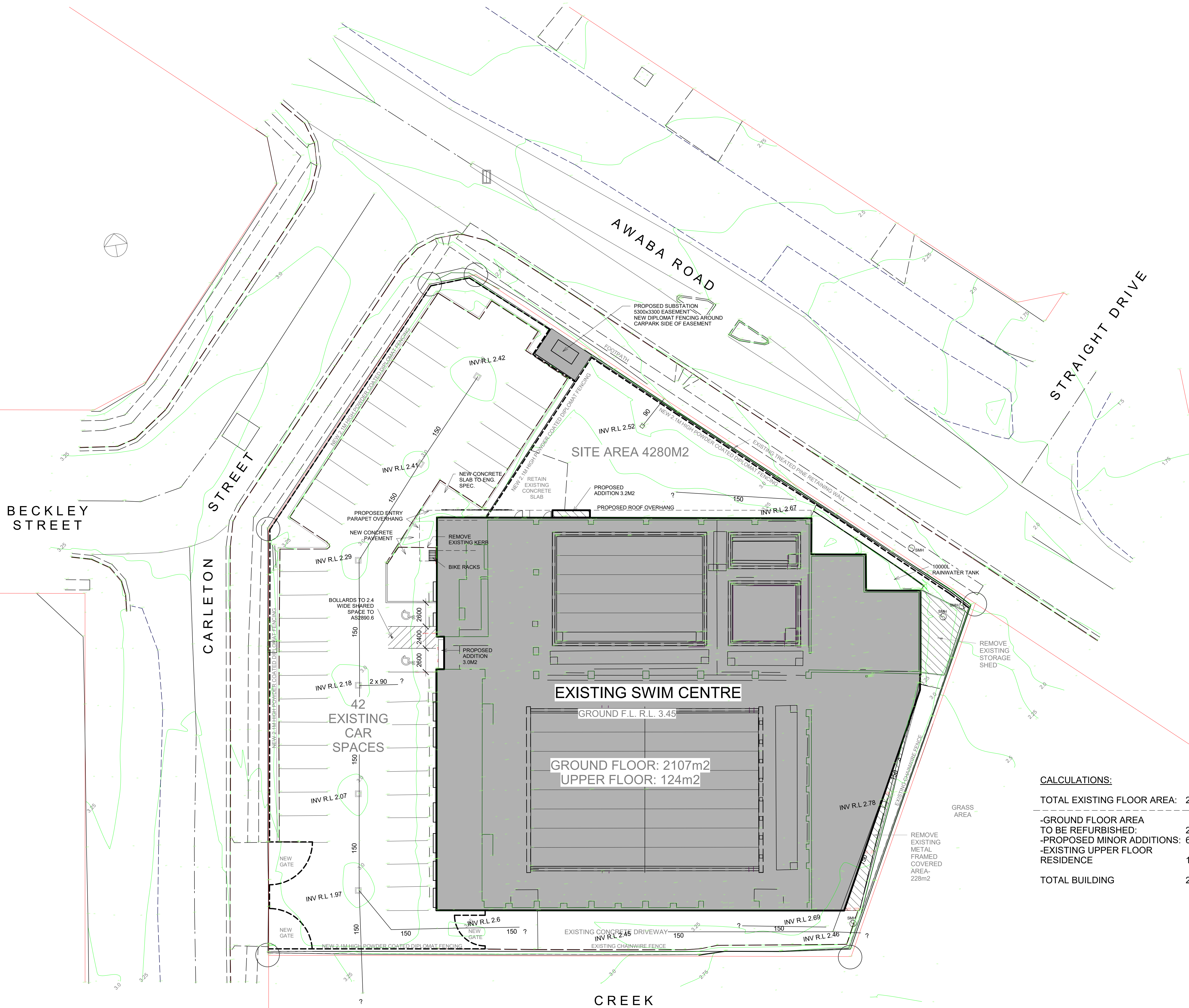
COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED.
DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY.
VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

DOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

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.

DOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

10/2017 3:04:03 PM



CALCULATIONS:

TOTAL EXISTING FLOOR AREA: 2249M2

-GROUND FLOOR AREA
TO BE REFURBISHED: 2107M2
-PROPOSED MINOR ADDITIONS: 6.2M2
-EXISTING UPPER FLOOR
RESIDENCE 124M2

TOTAL BUILDING 2237.2M2

PROJECT NAME: **TORONTO SWIM CENTRE
REFURBISHMENT**

PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:

PROPOSED SITE PLAN

ET ISSUE DATE:	15/05/17	DRAWING NO.	REV.
----------------	----------	-------------	------

SCALE: 1:200 @ A1 A010 A

JOB NO.:	W-237	
----------	-------	--

DRAWN BY: EB CHECKED BY: S. JOHANSSON
NSW/PE 7168

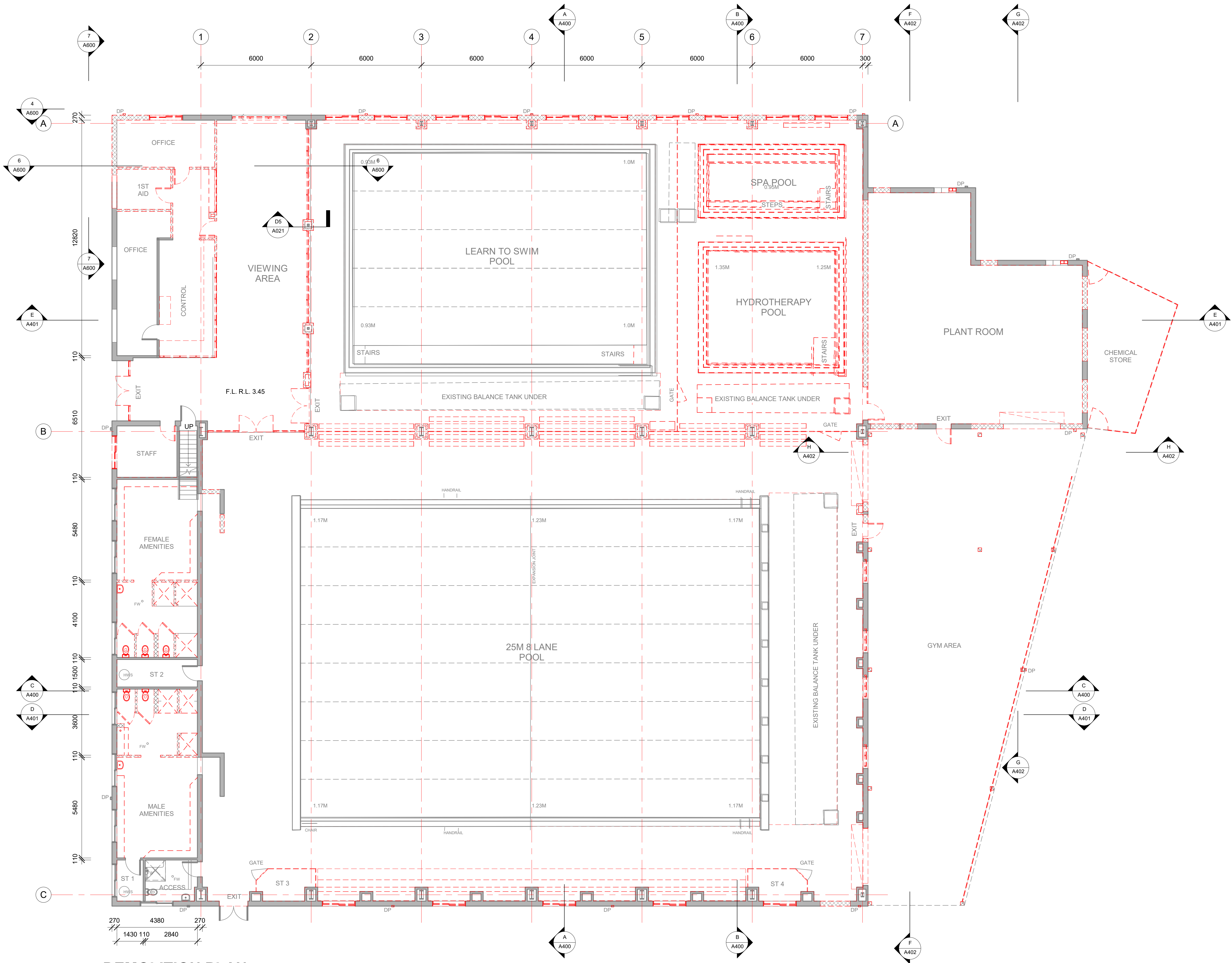
COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED.
 DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY.
 VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

DOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

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
-----	-------------	------



DEMOLITION PLAN
1 : 100

POOL CONSULTANT
COLARCI
AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A Division of Collingridge & Associates Architects
ABN 554 632 729 DP CAMERON ST BRIDGECROVE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL
SMS corp pty ltd
acn 80 158 133 110
po box 480
Millsers Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au

HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5053 F 02 9591 3598 E admin@sparkspartners.com.au

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2158
Phone: (02) 8550 6902
Mobile: 0419 294 533
Email - nat@spectrumengineering.com.au

STRUCTURAL AND CIVIL
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALMAIN HILLS NSW 2153
p: 02 8894 8500 m: 0419 64 8500 f: 02 8850 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
Facility Design Group
ABN 55 618 091 000
100 Bay St
Sydney NSW 2000
p: 02 4446 9777
e stephen@fdg.com.au

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

PROJECT NAME:
**TORONTO SWIM CENTRE
REFURBISHMENT**

PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:

DEMOLITION PLAN 1

SHEET ISSUE DATE: 05/15/17	DRAWING NO. A020	REV.
REVISION DATE:	SCALE: 1:100 @ A1	JOB NO.: W-237
DRAWN BY: EB CHECKED BY: S. JOHANSSON NSW RE. 7168		

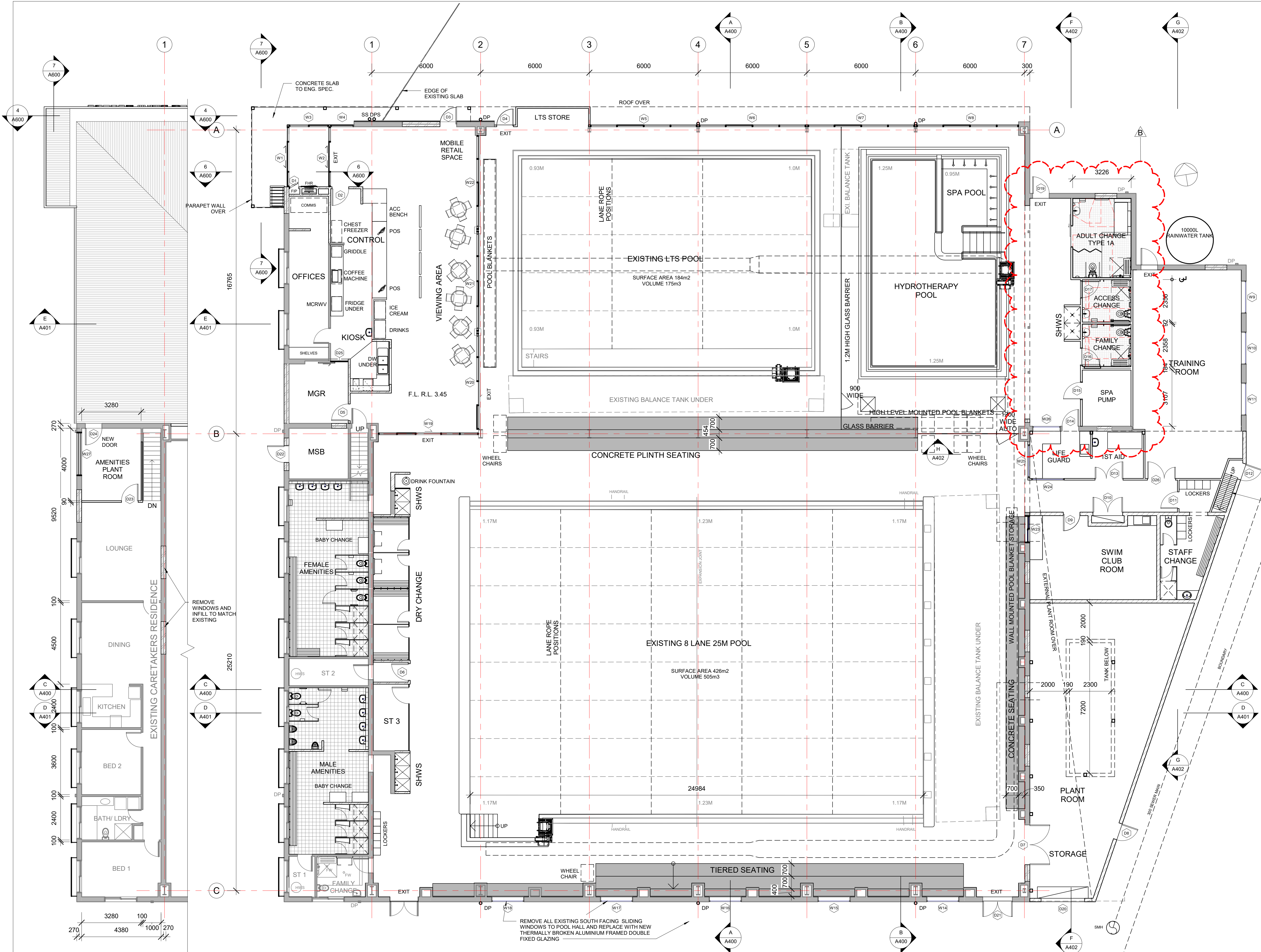
COPYRIGHT FACILITY DESIGN GROUP PTY. LIMITED. ALL RIGHTS RESERVED. DO NOT SCALE OFF DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY. VERIFY DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.

25/09/2017 12:01:07 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	WHEEL CHAIR SPACES, HYDROTHERAPY POOL REVISION	19/10/17
B	CHANGING PLACE RM, ACCESS CHANGE + FAMILY CHANGE RECONFIGURED	30/10/17



POOL CONSULTANT

COLARCI

AQUATIC ENGINEERS - INDUSTRIAL DESIGN

A Division of Collingridge & Associates Architects
ABN 654 632 729 170 CAMERON ST BRIDGEMORE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

SERVICE AND ST

MECHANICAL

SMScorp Pty Ltd

acn 80 158 133 110
po box 480
Millsboro Point 1565

T 9438 1022 F 9438 2124
e reception@smscorp.com.au

SMS

HYDRAULIC

SPARKS+PARTNERS

CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5053 F 02 9591 3598 E admin@sparkspartners.com.au

ELECTRICAL

SPECTRUM

ENGINEERING SOLUTIONS

1 Davis Place
Glenhaven NSW 2158
Phone: (02) 8950 8902
Mobile: 0419 294 533
Email: nat@spectrumengineering.com.au

STRUCTURAL AND CIVIL

ECLIPSE CONSULTING ENGINEERS

ECLIPSE Consulting Engineers Pty Ltd

30422 Century Cst, Norwest Central, BALMAIN NSW 2153
p 02 9894 8500 m 0419 64 8500 f 02 9890 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:

Facility Design Group

ABN 65 618 011 011
100/101 Pitt Street
Sydney NSW 2000
p 02 9446 9777
e stephen@fdg.com.au

FOR APPROVAL

CLIENT:

LAKE MACQUARIE CITY COUNCIL



PROJECT NAME:

TORONTO SWIM CENTRE

REFURBISHMENT

PROJECT ADDRESS:

LOT 1, D.P. 883847,

AWABA ROAD, TORONTO WEST

DRAWING TITLE:

FLOOR PLANS

SHEET ISSUE DATE: 05/15/17

REVISION DATE: 30/10/17

SCALE: 1:100 @ A1

JOB NO.: W-237

DRAWN BY: EB

CHECKED BY: S. JOHANSSON

NSW RE. 7168

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.

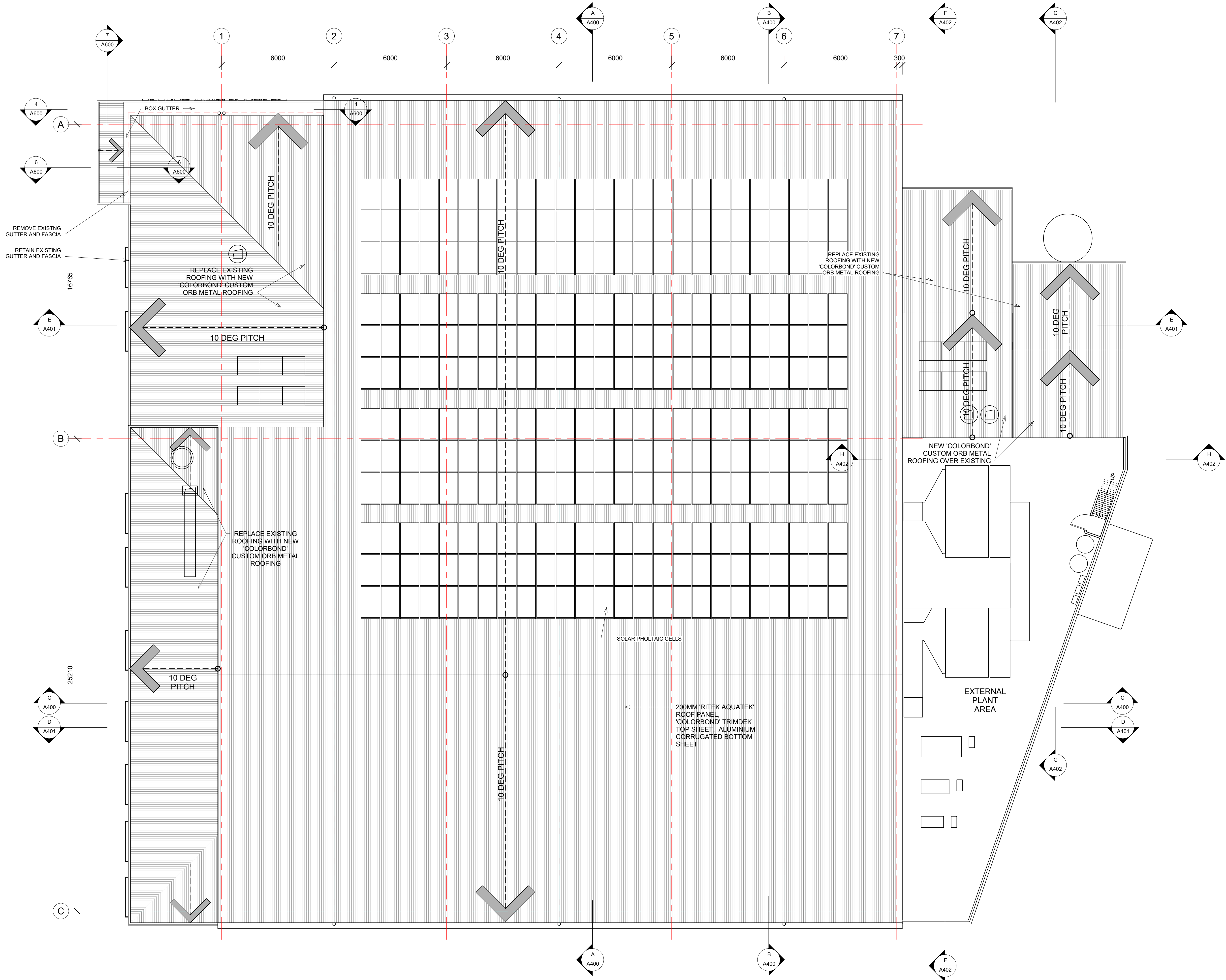
NOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168

30/10/2017 4:33:21 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
-----	-------------	------



ROOF PLAN
1 : 100

POOL CONSULTANT
COLARCI
AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A division of Collingridge & Associates Architects
ABN 654 630 729 17 CAMERON ST BRIDGEMORE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL
SMS corp pty ltd
acn: 80 158 133 110
po box 480
Milsom Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au

HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5033 | F 02 9591 3598 | E admin@sparkspartners.com.au

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2158
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email - nat@spectrumengineering.com.au

STRUCTURAL AND CIVIL
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALLEXHAM HILLS NSW 2153
p: 02 9894 8500 m: 0419 64 8500 f: 02 9850 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
Facility Design Group
ABN 65 618 888 888
100 Dwyer St
Camberley NSW 2460
P 08 4448 9777
E stephen@fdg.com.au

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

PROJECT NAME:
**TORONTO SWIM CENTRE
REFURBISHMENT**
PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:
ROOF PLAN

SHEET ISSUE DATE: 06/16/17		DRAWING NO. REV.	
SCALE: 1:100	@ A1	A102	
JOB NO.:	W-237		

DRAWN BY: Author CHECKED BY: S. JOHANSSON
NSW RE. 7168

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.

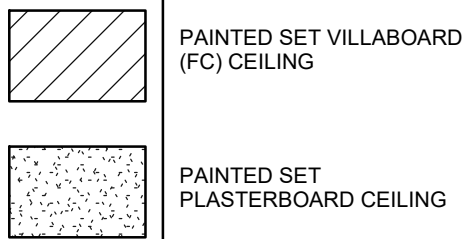
25/09/2017 12:01:20 PM

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
-----	-------------	------

LEGEND



POOL CONSULTANT

COLARCI

AQUATIC ENGINEERS - INDUSTRIAL DESIGN

A Division of Collingridge & Associates Architects
ABN 654 630 729 10 CAMERON ST BIRROUGHOVE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL

SMScorp Pty Ltd

acn 80 158 133 110
po box 480
Millsers Point 1565

T 9438 1022 F 9438 2124
e reception@smscorp.com.au

SMS

HYDRAULIC

SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5053 | F 02 9591 3598 | E admin@sparkspartners.com.au

ELECTRICAL

SPECTRUM
ENGINEERING SOLUTIONS

1 Davis Place
Glenhaven NSW 2158

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

STRUCTURAL AND CIVIL

ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALMAIN HILLS NSW 2155

p: 02 8894 8500 m: 0419 64 8500 f: 02 8850 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:

Facility Design Group
ABN 65 618 091 000
100 Dwyer St
Crows Nest NSW 1585
P 02 9439 5577
F 02 9439 5577
E info@fdg.com.au

DA ISSUE

CLIENT:

LAKE MACQUARIE CITY COUNCIL



PROJECT NAME:

**TORONTO SWIM CENTRE
REFURBISHMENT**

PROJECT ADDRESS:

LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:

**REFLECTED CEILING
PLAN**

A1 PRINT SIZE

SHEET ISSUE DATE: 08/03/17

REVISION DATE:

SCALE: As indicated @ A1

JOB NO.: W-237

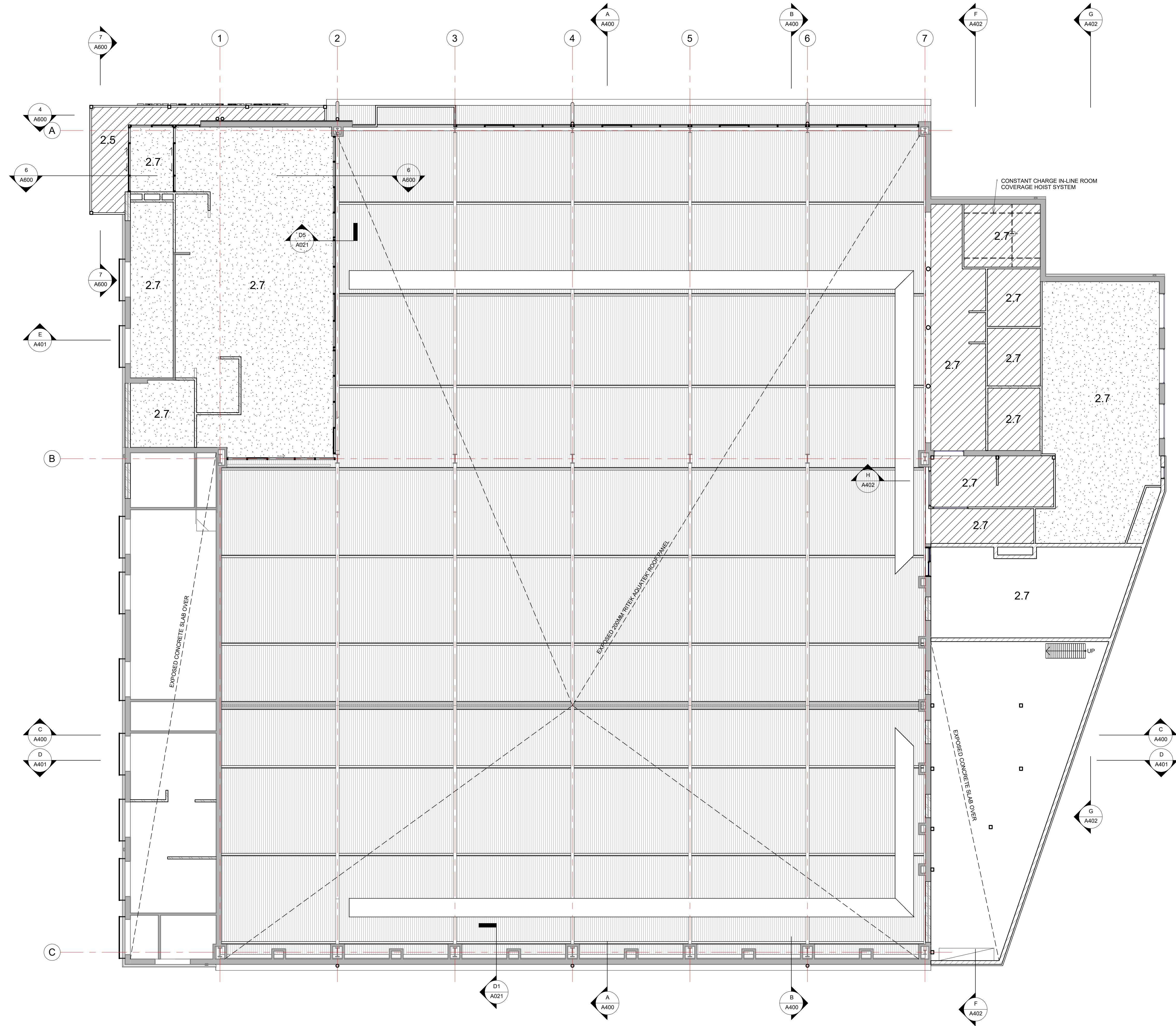
DRAWING NO. REV.

A300

DRAWN BY: Author CHECKED BY: S. JOHANSSON
NSW RE. 7168

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.

25/09/2017 12:01:26 PM



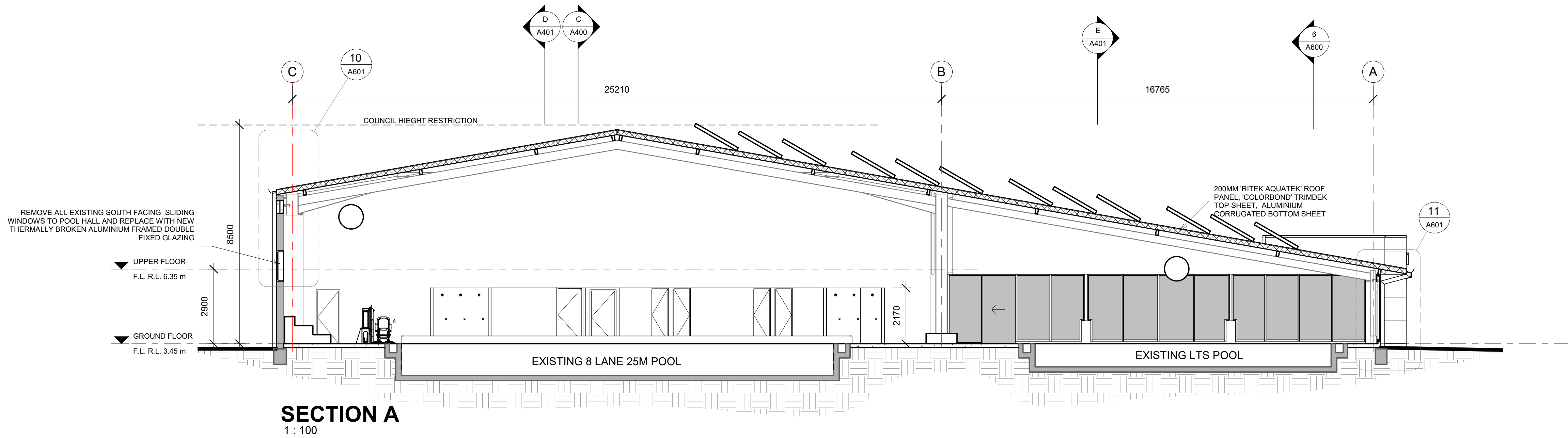
RELPECTED CEILING PLAN

1 : 100

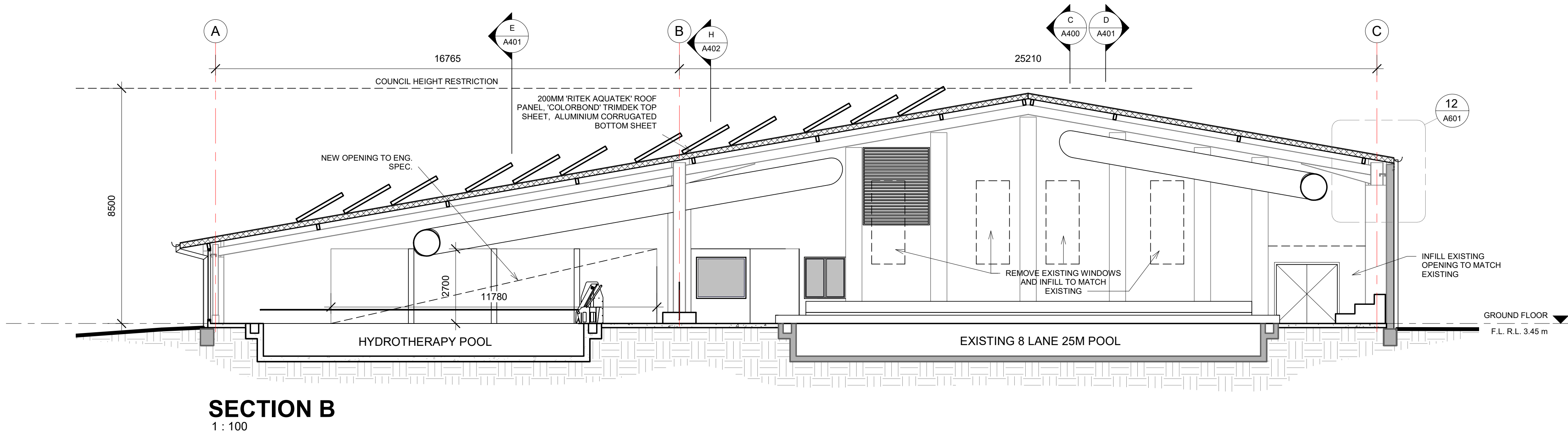
D0850A433

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

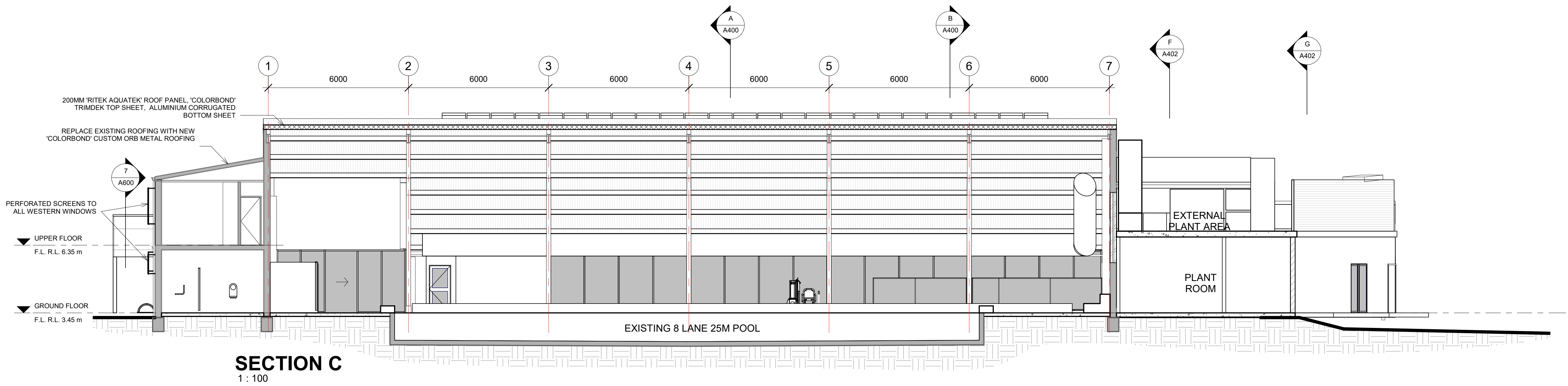
Rev	Description	Date
-----	-------------	------



SECTION A
1 : 100



SECTION B
1 : 100



SECTION C
1 : 100

POOL CONSULTANT
COLARCI
AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A Division of Collingridge & Associates Architects
ABN 654 630 729 10 CAMERON ST BIRCHMERE NSW 2061
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL
SMScorp pty ltd
acn: 80 158 133 110
po box 480
Milsom Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au

HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9691 5050 | F 02 9691 3598 | E admin@sparkspartners.com.au

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2150
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email - nat@spectrumengineersolutions.com.au

STRUCTURAL AND CIVIL
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALMAIN HILLS NSW 2153
p: 02 8894 8500 m: 0419 64 8500 f: 02 8850 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
Facility Design Group
ABN 65 618 099 000
100 Dwyer St
Crows Nest NSW 1585
p 02 4444 9777
e info@fdg.com.au

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

PROJECT NAME:
**TORONTO SWIM CENTRE
REFURBISHMENT**
PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:
SECTIONS 1

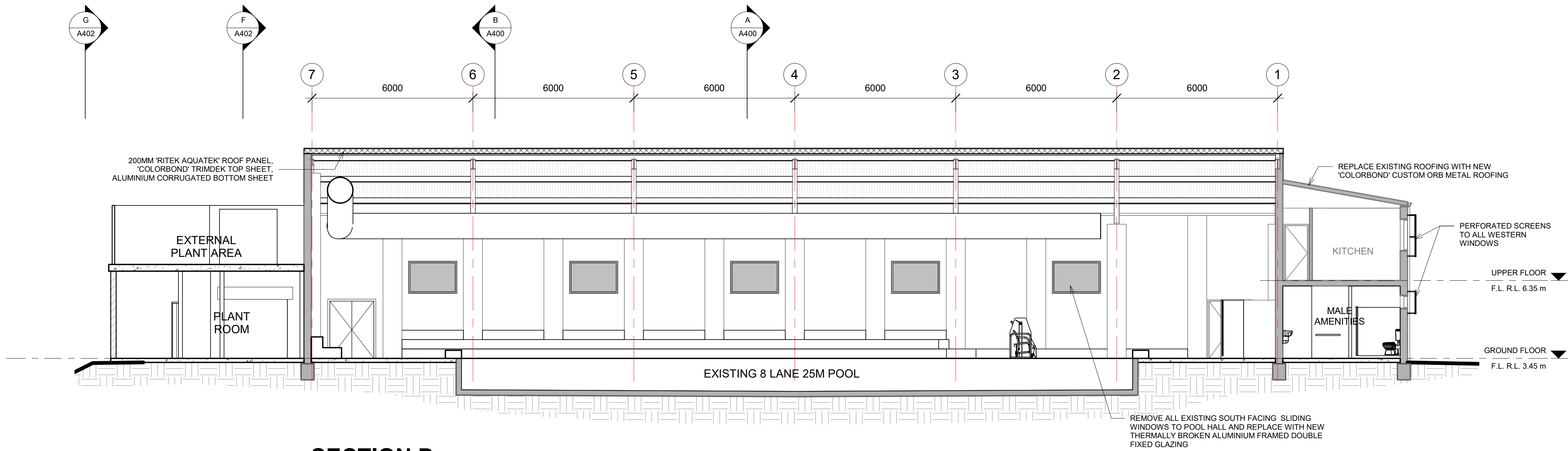
SHEET ISSUE DATE: 05/15/17	DRAWING NO. REV.	A1 PRINT SIZE
REVISION DATE:	SCALE: 1:100 @ A1	A400
JOB NO.: W-237	DRAWN BY: EB	CHECKED BY: S. JOHANSSON NSW RE. 7168

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.

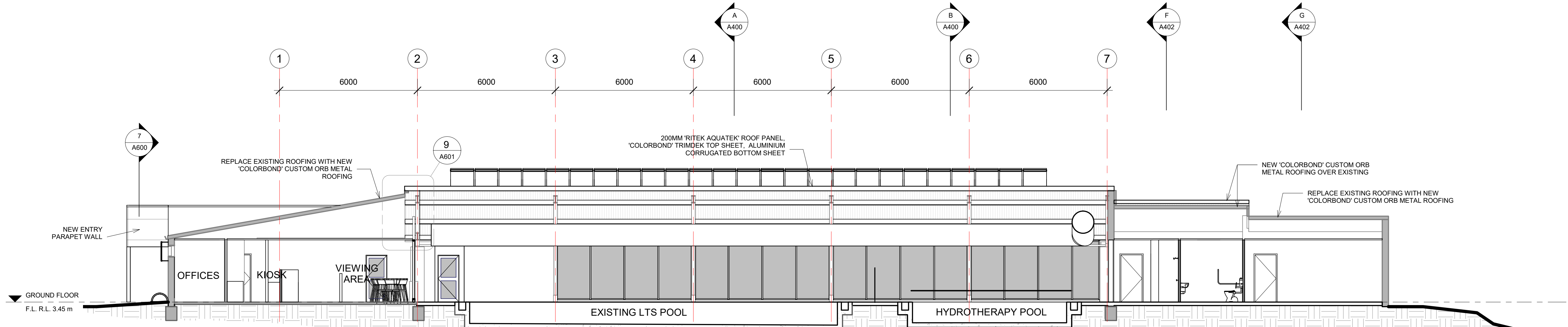
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS

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

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



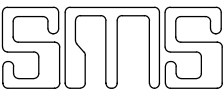
SECTION D
1 : 100



SECTION E
1 : 100

POOL CONSULTANT
COLARCI
AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A Division of Collingridge & Associates Architects
ABN 554 630 729 10 CAMERON ST BRISBANE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL
SMS Corp Pty Ltd
acn 80 158 133 110
po box 480
Milsom Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au



HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5033 F 02 9591 3598 E admin@sparkspartners.com.au

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2158
Phone: (02) 8850 6802
Mobile: 0419 294 533
Email - nat@spectrumengineering.com.au

STRUCTURAL AND CIVIL
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALUBRAM HILLS NSW 2155
p: 02 8894 8500 m: 0419 64 8500 f: 02 8850 0212
e: stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
Facility Design Group
ABN 55 128 091 894
100 Dwyer St
Caringbah NSW 2229
p: 02 4446 9777
e: info@fdg.com.au

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

PROJECT NAME:
**TORONTO SWIM CENTRE
REFURBISHMENT**

PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:
SECTIONS 2

SHEET ISSUE DATE: 06/19/17		A1 PRINT SIZE	
REVISION DATE:	SCALE: 1 : 100 @ A1	DRAWING NO.	REV.
JOB NO.:	W-237	A401	

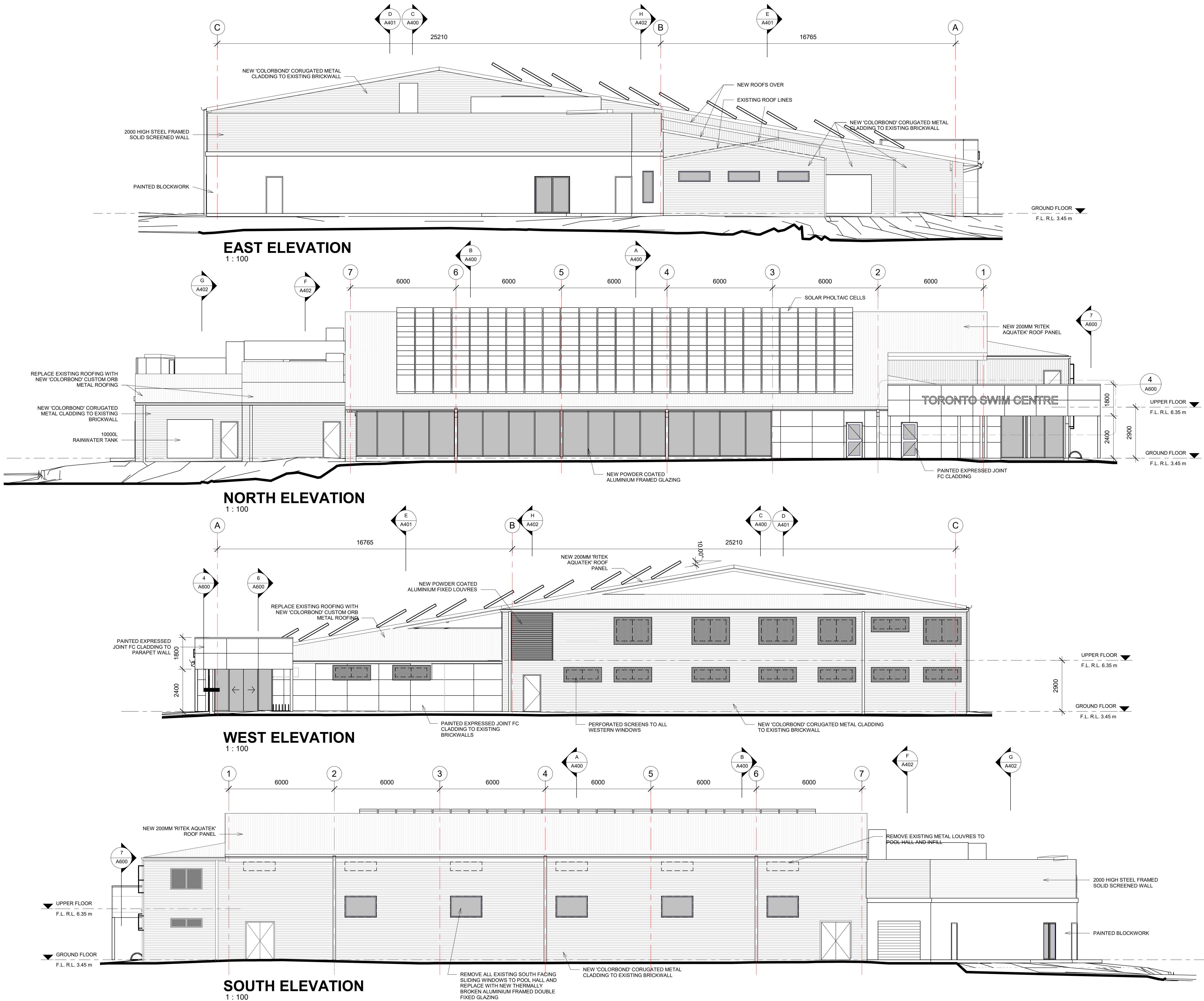
DRAWN BY: Author CHECKED BY: S. JOHANSSON
NSW RE. 7168

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.

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
-----	-------------	------



POOL CONSULTANT
COLARCI
AQUATIC ENGINEERS - INDUSTRIAL DESIGN
A Division of Collingridge & Associates Architects
ABN 654 630 729 17 CAMERON ST BRIDGECROVE NSW 2043
T 02 9555 8108 E collingridge@collingridge.net.au

MECHANICAL
SMScorp pty ltd
acn: 80 158 133 110
po box 480
Milsomville Point 1565
T 9438 1022 F 9438 2124
e reception@smscorp.com.au

HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9591 5055 | F 02 9591 3598 | E admin@sparkspartners.com.au

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1 Davis Place
Glenhaven NSW 2158
Phone: (02) 8850 8802
Mobile: 0419 294 533
Email: nat@spectrumengineering.com.au

STRUCTURAL AND CIVIL
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Pty Ltd
30422 Century Cst, Norwest Central, BALMAIN HILLS NSW 2153
p: 02 8894 8500 m: 0419 64 8500 f: 02 8890 0212
e stephen@eclipse-consulting.com.au

DESIGN ARCHITECT:
Facility Design Group
ABN 65 618 018 018
100 Dwyer St
Camden NSW 2570
p 02 4448 9777
e stephen@fdg.com.au

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

PROJECT NAME:
**TORONTO SWIM CENTRE
REFURBISHMENT**

PROJECT ADDRESS:
LOT 1, D.P. 883847,
AWABA ROAD, TORONTO WEST

DRAWING TITLE:
ELEVATIONS

SHEET ISSUE DATE:	25/9/17	DRAWING NO.	REV.
REVISION DATE:			
SCALE:	1:100 @ A1		
JOB NO.:	W-237		
DRAWN BY:	EB	CHECKED BY:	S. JOHANSSON NSW RE. 7168

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.

Revisions		
Rev	Description	Date



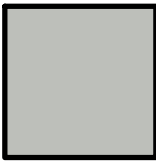
FC CLADDING



DULUX 'CAPSTAN' – P34H5 –
DULUX ACRATEX SYSTEM



DULUX 'MIZU' – P34H1 –
DULUX ACRATEX SYSTEM

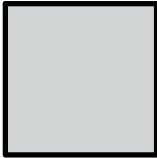


COLORBOND SHALE GREY
DULUX ACRATEX SYSTEM

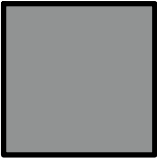


DULUX 'MIDAS TOUCH' –
P14H7- DULUX ACRATEX
SYSTEM

ROOFING



COLORBOND 'SHALE
GREY'



METAL WALL CLADDING, GUTTERS, DOWNPIPES,
BARGE CAPPINGS AND PARAPET OVERFLASHING

COLORBOND
'WINDSPRAY'

DA ISSUE

Client:
Toronto Swim Centre

Project:
TORONTO SWIM
LOT 1, D.P. 883847,
AWABA ROAD,NT
TORONTO WEST

Drawing:

COLOURBOARD

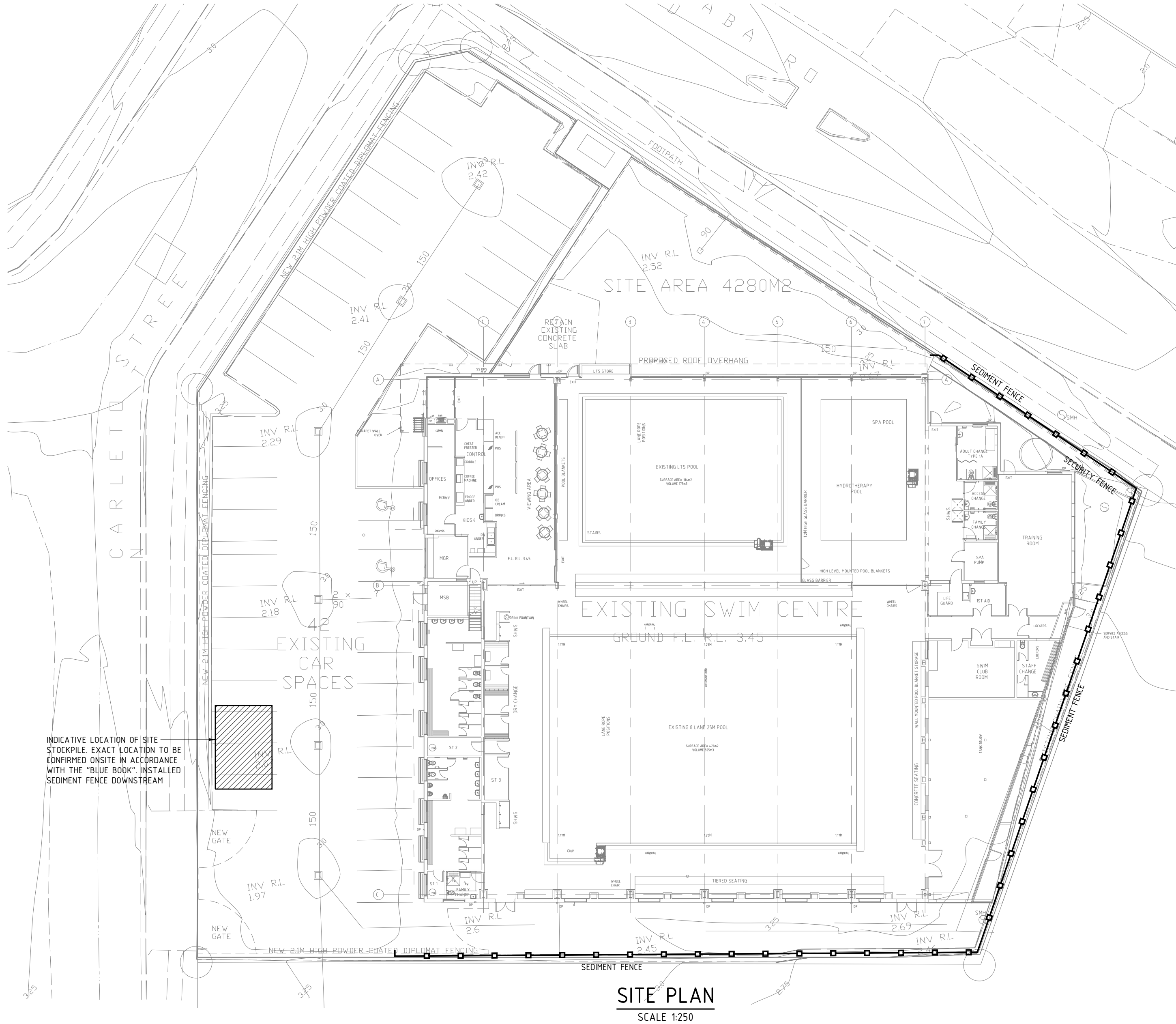
Date: 07/31/17 Drawn: AT
Scale: 1 : 10 @ A3 Checked: AT
Project No:

W-237
A900

PO BOX 82
Cambewarra NSW 2540
ph: 0411 030 343
e: stephen@fdg.com.au
Facility Design Group
ARCHITECTS

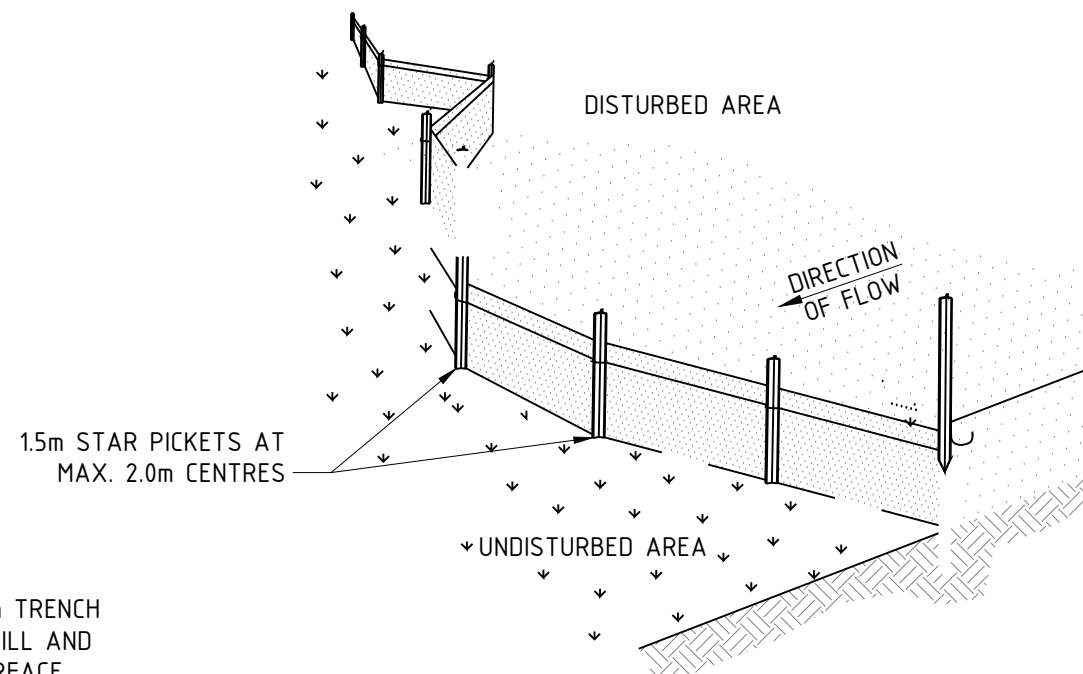
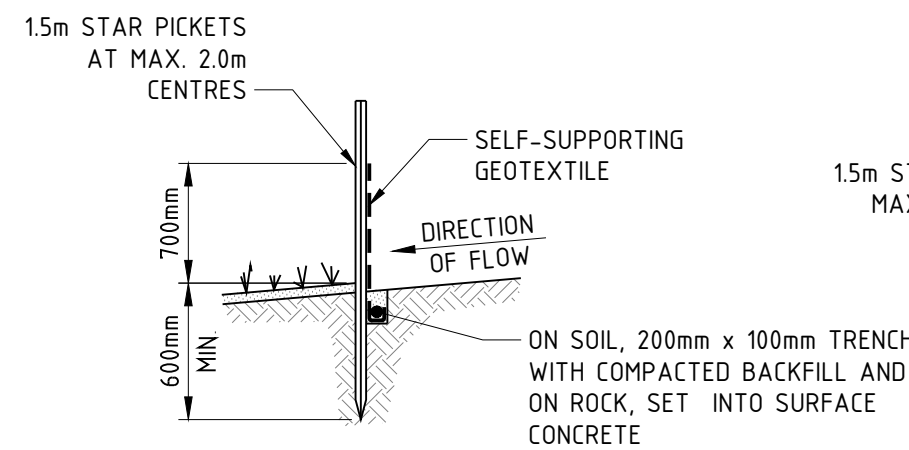
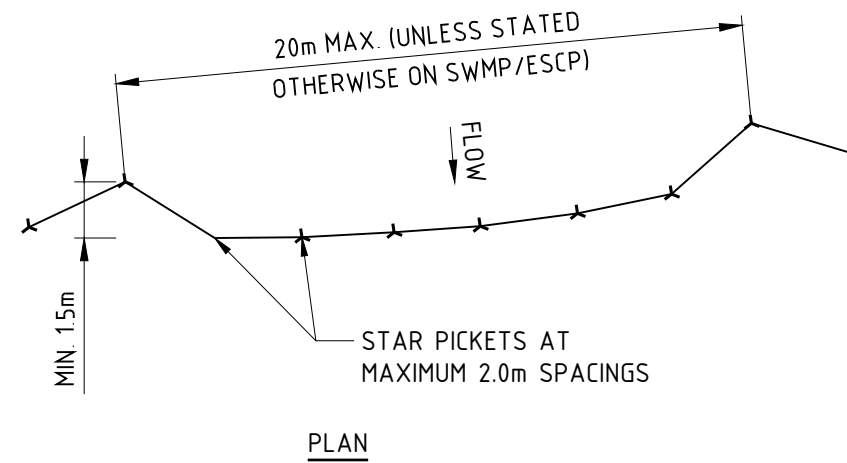
D08550433

TORONTO SWIM CENTER EROSION & SEDIMENT CONTROL PLAN



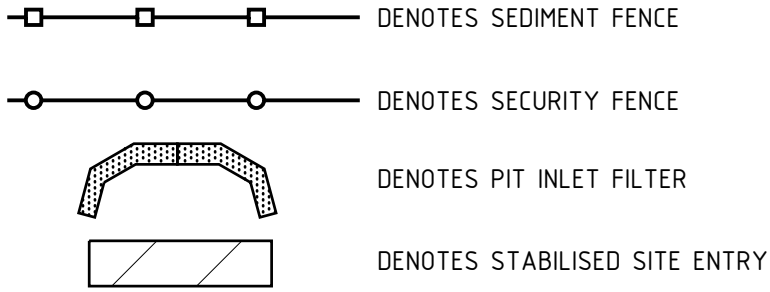
SEDIMENT FENCE NOTES

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50L/s. IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 200mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 15m LONG STAR PICKETS INTO GROUND AT 2.0m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



SEDIMENT FENCE
NOT TO SCALE

LEGEND



SEDIMENT & EROSION CONTROL SPECIFICATION

1. THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH COUNCIL REQUIREMENTS AND THE "BLUE BOOK" (MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION, PRODUCED BY THE LANDCOM). THESE MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED.
2. THE SITE SUPERINTENDENT SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THE DRAWINGS.
3. INFORM ALL CONTRACTORS OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
4. UNDERTAKE SITE DEVELOPMENT WORKS SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE SIZE.
5. MAINTAIN AND MANAGE ENVIRONMENTAL PROTECTION MEASURES THROUGHOUT CONTRACT.
6. THE CONTRACTOR SHALL UNDERTAKE SITE DEVELOPMENT WORKS SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE SIZE.
7. AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) SHALL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
9. TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED / REHABILITATED.
10. ALLOW FOR GRASS STABILISATION OF EXPOSED AREAS, OPEN CHANNELS AND ROCK BATTERS.
11. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY BEFORE & AFTER STORM EVENTS.
12. ACCEPTABLE RECEPTORS SHALL BE USED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER. WASTE FROM THESE RECEPTORS SHALL BE DISPOSED OF IN ACCORDANCE WITH REGULATORY AUTHORITY REQUIREMENTS. PAY ALL FEES AND PROVIDE EVIDENCE OF SAFE DISPOSAL.
13. AT ANY TIME DURING WORKS, THE EROSION AND SEDIMENT CONTROLS SHALL BE APPROPRIATE FOR THE WORKS OCCURRING ON SITE.
14. APPROPRIATE EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED AND FULLY OPERATIONAL PRIOR TO ANY WORKS OCCURRING ONSITE UNLESS APPROVED BY THE CERTIFIER.
15. THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY, THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCIL'S DESIGN, AND ALL OTHER REGULATORY AUTHORITY REQUIREMENTS.
16. WHEN CONSTRUCTION ACTIVITIES WARRANT IT, APPROPRIATE EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED ON AFFECTED EXISTING STORMWATER INLETS AND AT SITE ENTRANCE/EXIT.
17. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE SHALL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
 - a. INSTALL ALL TEMPORARY SEDIMENT FENCES AND BARRIER FENCES, WHERE DEEMED APPROPRIATE BY COUNCIL.
 - b. CONSTRUCT TEMPORARY STABILISED SITE ACCESS.
 - c. INSTALL SEDIMENT CONTROL MEASURES AS OUTLINED ON THE APPROVED PLANS.

1. DO NOT SCALE OFF THE DRAWING. USE DIMENSIONS & ARCHITECTURAL DRAWINGS ONLY.

2. DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATION.

3. DIMENSIONS ARE INDICATIVE ONLY AND ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF ANY WORKS.

4. AUTHORITIES MARKS AND/OR EXISTING SERVICES ARE TO BE LOCATED AND CHECKED PRIOR TO COMMENCEMENT OF ANY WORKS.

5. COMPLETION OF THE QUALITY RECORD IS EVIDENCE THAT THE DESIGN AND DRAWING HAVE BEEN REVIEWED.

VERIFICATION

COMPLETION OF THE DRAWING STATUS IS EVIDENCE THAT THE DESIGN HAS BEEN VERIFIED AS CONFORMING TO THE REQUIREMENTS OF THE PROJECT QUALITY PLAN.

DRAWING STATUS	INITIAL	DATE
PRELIMINARY		
FOR INFORMATION ONLY		
FOR CLIENT APPROVAL		
FOR TENDER		
FOR CONSTRUCTION		

CHECKED	DATE	NORTH POINT
APPROVED	DATE	
PAGE	PLOT DATE	
A1	November 10, 2017	

THE INFORMATION ON THIS DRAWING REMAINS THE PROPERTY OF SPARKS & PARTNERS CONSULTING ENGINEERS REPRESENTING THE WHOLE OR PART OF THE DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHTS

SCALE AS SHOWN ON PLAN

10.11.17		REVISED PRICING ISSUE	MM	A
03.11.17		PRICING ISSUE	MM	A
25.10.17		FOR REVIEW	MM	A
06.09.17		FOR REVIEW	MM	A
DATE	No	AMENDMENT	INIT	RE

CLIENT

TORONTO AQUATIC CENTRE

ARCHITECT

Facility Design Group
ARCHITECTS

PROJECT
LOT 1, 1 CARLETON ST, TORONTO

DRAWING TITLE

HYDRAULIC SERVICES
SEDIMENT AND EROSION CONTROL
PLAN

SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

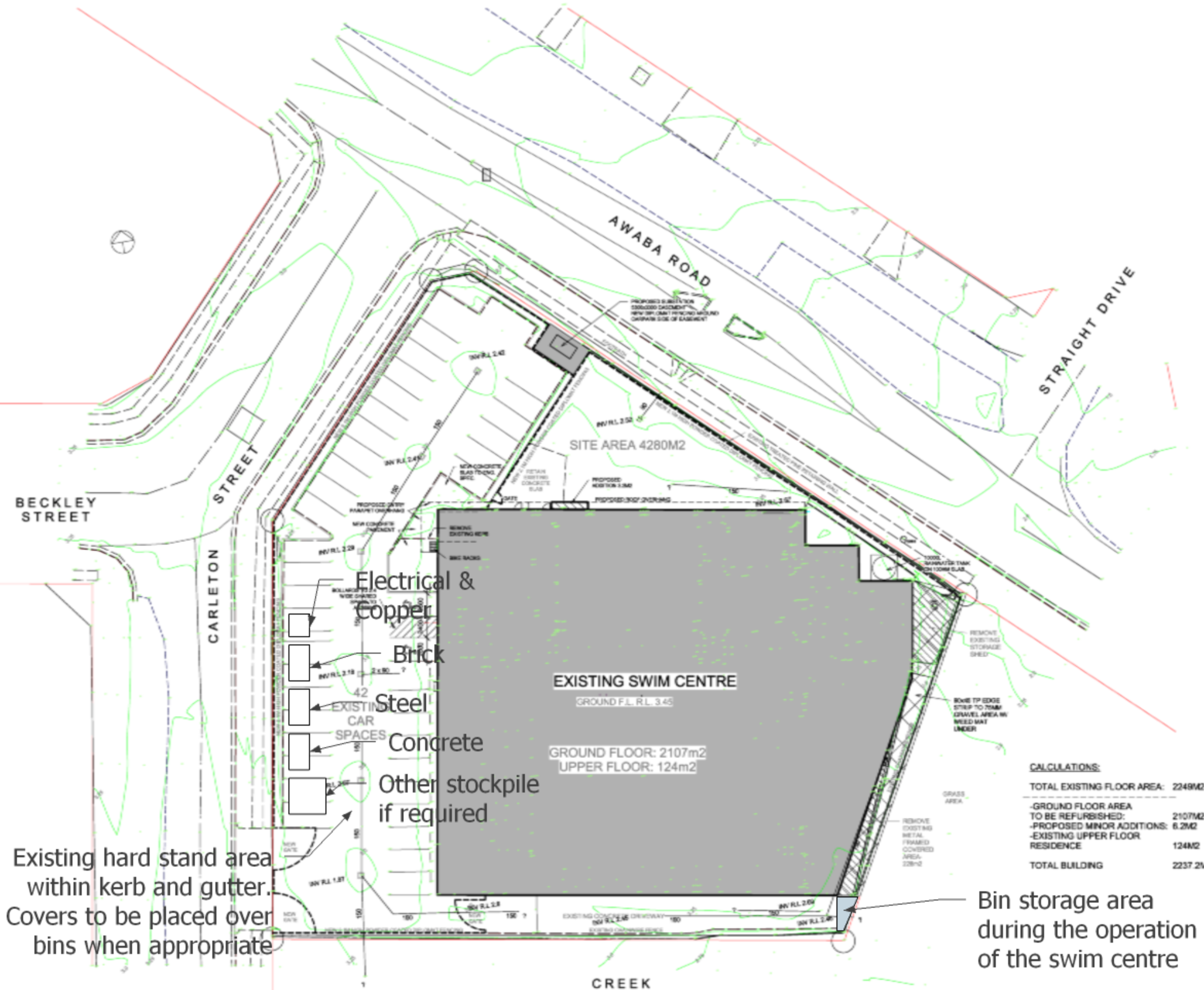
Level 1, 91 George Street | Parramatta | NSW 2150
P 02 9891 5033 | F 02 9891 3898 | E admin@sparksandpartners.com.au

DATE SEP 2017	DESIGNED LD	 AHSCA
------------------	----------------	--

SCALE AS SHOWN DRAWN MM

JOB No	17088	DWG No	H5.01	No IN SET	REV
				OF	4

PRICING ISSUE



Existing hard stand area within kerb and gutter. Covers to be placed over bins when appropriate

Bin storage area during the operation of the swim centre

CALCULATIONS:

TOTAL EXISTING FLOOR AREA:	2249M2
-GROUND FLOOR AREA TO BE REFURBISHED:	2107M2
-PROPOSED MINOR ADDITIONS:	6.2M2
-EXISTING UPPER FLOOR RESIDENCE:	124M2
TOTAL BUILDING	2237.2M2

POOL CONSULTANT
COLARCI
1000 SHEPPARD AVENUE EAST, SUITE 100, SCARBOROUGH, ONTARIO M1S 1T5
TEL: (416) 291-1111 FAX: (416) 291-1112
WWW.COLARCI.COM

MECHANICAL
S.M.S.
1000 SHEPPARD AVENUE EAST, SUITE 100, SCARBOROUGH, ONTARIO M1S 1T5
TEL: (416) 291-1111 FAX: (416) 291-1112
WWW.S.M.S.COM

HYDRAULIC
SPARKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC, CIVIL, & EROSION CONTROL
1000 SHEPPARD AVENUE EAST, SUITE 100, SCARBOROUGH, ONTARIO M1S 1T5
TEL: (416) 291-1111 FAX: (416) 291-1112
WWW.SPARKSPARTNERS.COM

ELECTRICAL
SPECTRUM
ENGINEERING SOLUTIONS
1000 SHEPPARD AVENUE EAST, SUITE 100, SCARBOROUGH, ONTARIO M1S 1T5
TEL: (416) 291-1111 FAX: (416) 291-1112
WWW.SPECTRUMENGINEERING.COM

STRUCTURAL AND CIVIL ENGINEERS
ECLIPSE CONSULTING ENGINEERS
ECLIPSE Consulting Engineers Inc Ltd
1000 SHEPPARD AVENUE EAST, SUITE 100, SCARBOROUGH, ONTARIO M1S 1T5
TEL: (416) 291-1111 FAX: (416) 291-1112
WWW.ECLIPSECONSULTING.COM

CLIENT:
LAKE MACQUARIE CITY COUNCIL
Life Management City Council

PROJECT NAME:
TORONTO SWIM CENTRE REFURBISHMENT

PROJECT ADDRESS:
LOT 1, D.P. 88847, AWABA ROAD, TORONTO WEST

DRAWING TITLE:
Waste Management Plan

DRAWING NO.:
WP 01 A

REVISIONS:
1. 10/11/17
2. 12/12/17

SCALE:
1:300 @ A1

JOB NO.:
W-237

DRAWN BY:
EB

CHECKED BY:
S. JOHNSON
NEW RE. T-65

COPYRIGHT © 2017 BY DESIGN GROUP PVTY LIMITED. ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DESIGN GROUP PVTY LIMITED.

10/11/2017 11:50:57 AM