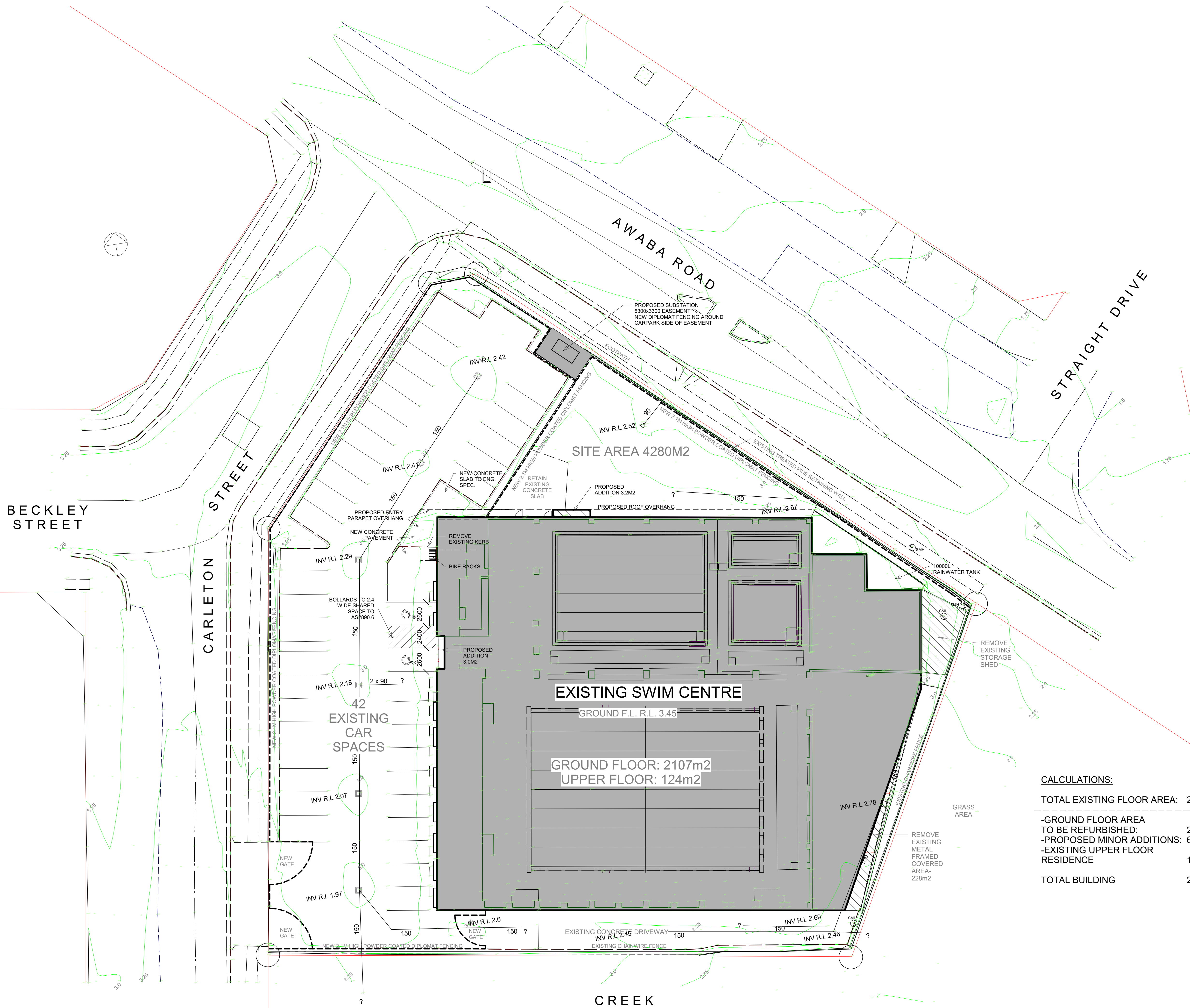
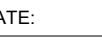
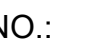
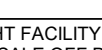


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DOMINATED ARCHITECT: STEPHEN JOHANSSON - NSW REG NO. 7168



<u>CALCULATIONS:</u>	
TOTAL EXISTING FLOOR AREA:	2249M2

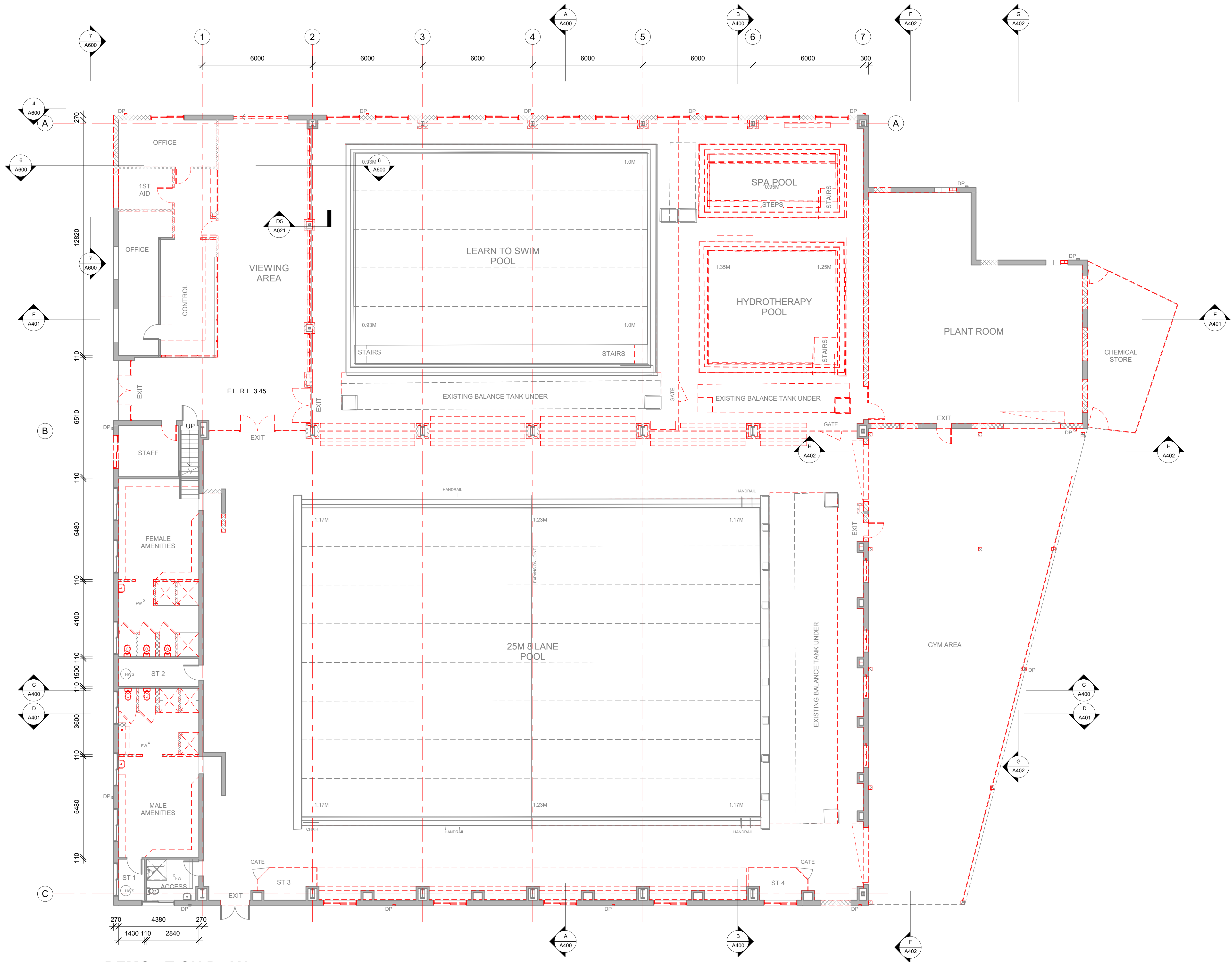
-GROUND FLOOR AREA	
TO BE REFURBISHED:	2107M2
-PROPOSED MINOR ADDITIONS:	6.2M2
-EXISTING UPPER FLOOR	
RESIDENCE	124M2
TOTAL BUILDING	2237.2M2

 COLARCI CONSULTANT QUATRIC ENGINEERING - INDUSTRIAL DESIGN Division of Collingridge & Associates Architects 10/100 CAMERON ST. CAMERON ST. BHOCHWAHE NSW 2041 02 9555 8338 E collingridge@collingridge.net.au  SPARKS + PARTNERS CONSULTING ENGINEERS HYDRAULIC CIVIL FIRE Level 1, 91 George Street Parramatta NSW 2150 P 02 9891 9393 F 02 9891 9398 E admin@sparksandpartners.com.au		  SPECTRUM ENGINEERING SOLUTIONS 1 Davis Place Glenburn NSW 2156 Phone: (02) 8850 6802 Mobile: 0419 294 533 Email: info@spectrumengineeringsolutions.com.au			
 ECLIPSE CONSULTING ENGINEERS ECLIPSE Consulting Engineers Pty Ltd 104/2 Century City, Norwest Centre, BALMAIN NSW 1535 P 02 9644 8500 M 0434 64 8500 F 02 8895 0212 admin@eclipseconsulting.com.au		 Facility Design Group 02 9533 8888 JANIS (02) 951 6546 JOY (02) 951 6547 CHRISTOPHER (02) 9540 5450 F 02 9533 8877 E info@fdggroup.com.au			
 LAKE MACQUARIE CITY COUNCIL		 Lake Macquarie City Council			
 TORONTO SWIM CENTRE REFURBISHMENT					
 PROPOSED SITE PLAN					
 A010		 A			
 W-237		 W-237			
 W-237				 W-237	

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Rev	Description	Date
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DEMOLITION PLAN
1 : 100

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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

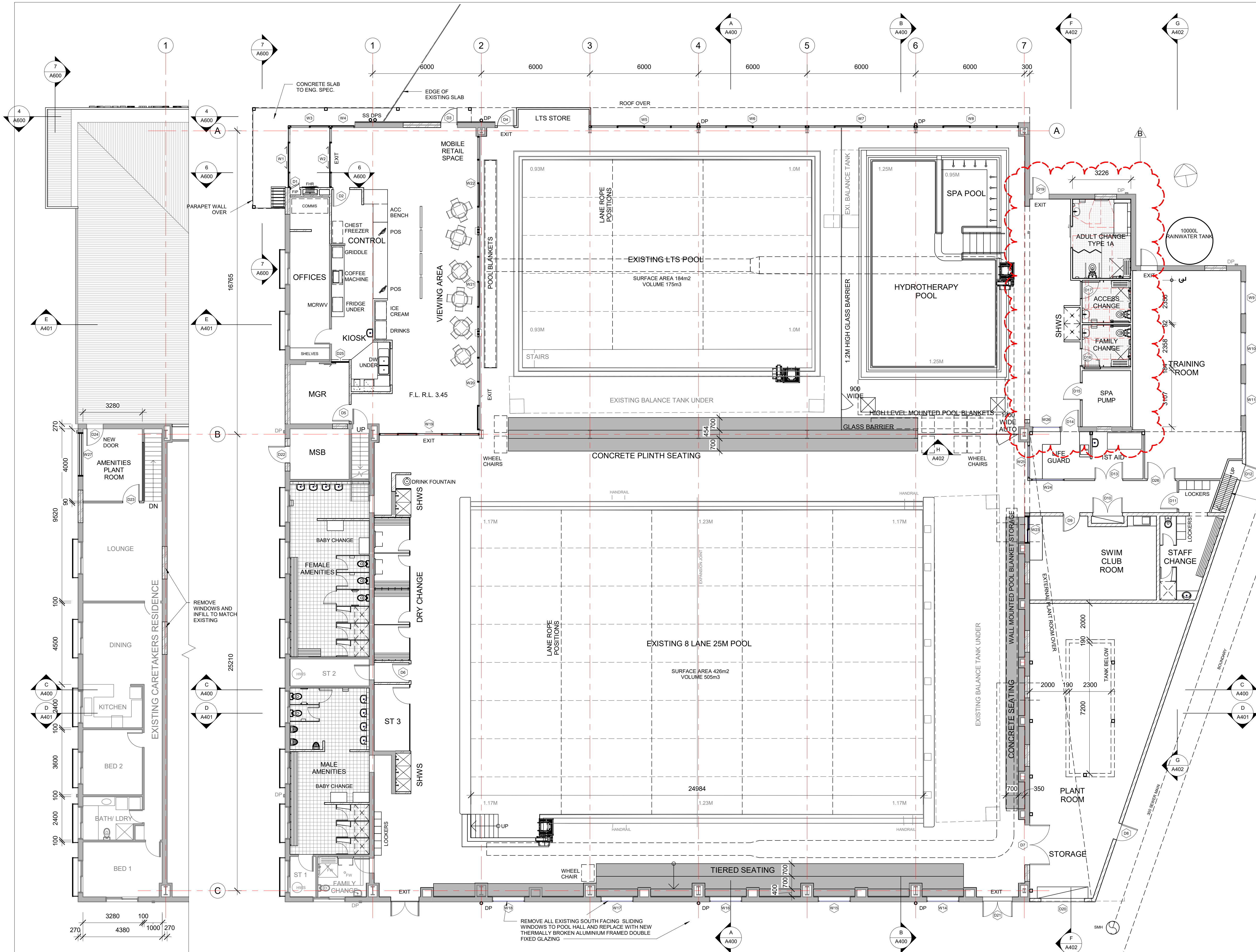
SHEET ISSUE DATE: 05/15/17	DRAWING NO. A020	REV.
REVISION DATE:	SCALE: 1:100 @ A1	JOB NO.: W-237
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Rev	Description	Date
A	WHEEL CHAIR SPACES, HYDROTHERAPY POOL REVISION	19/10/17
B	CHANGING PLACE RM, ACCESS CHANGE + FAMILY CHANGE RECONFIGURED	30/10/17



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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

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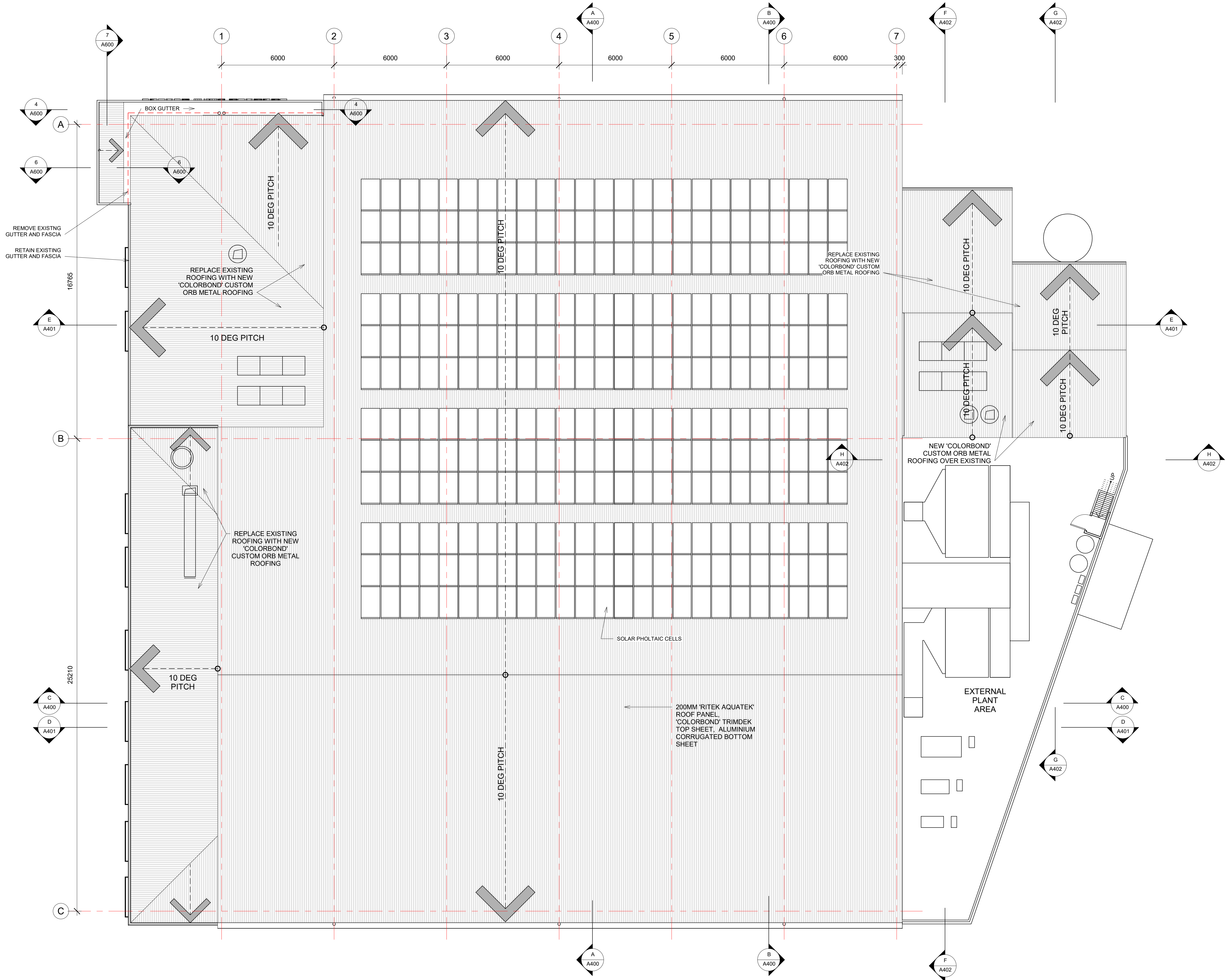
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30/10/2017 4:33:21 PM

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Rev	Description	Date
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ROOF PLAN
1 : 100

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1000 Reg. No. 7168

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1000 Reg. No. 7168

1000 Reg. No. 7168

CLIENT:

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

A1 PRINT SIZE

SHEET ISSUE DATE: 06/16/17

REVISION DATE:

SCALE: 1:100 @ A1

JOB NO.: W-237

DRAWN BY: Author

CHECKED BY: S. JOHANSSON

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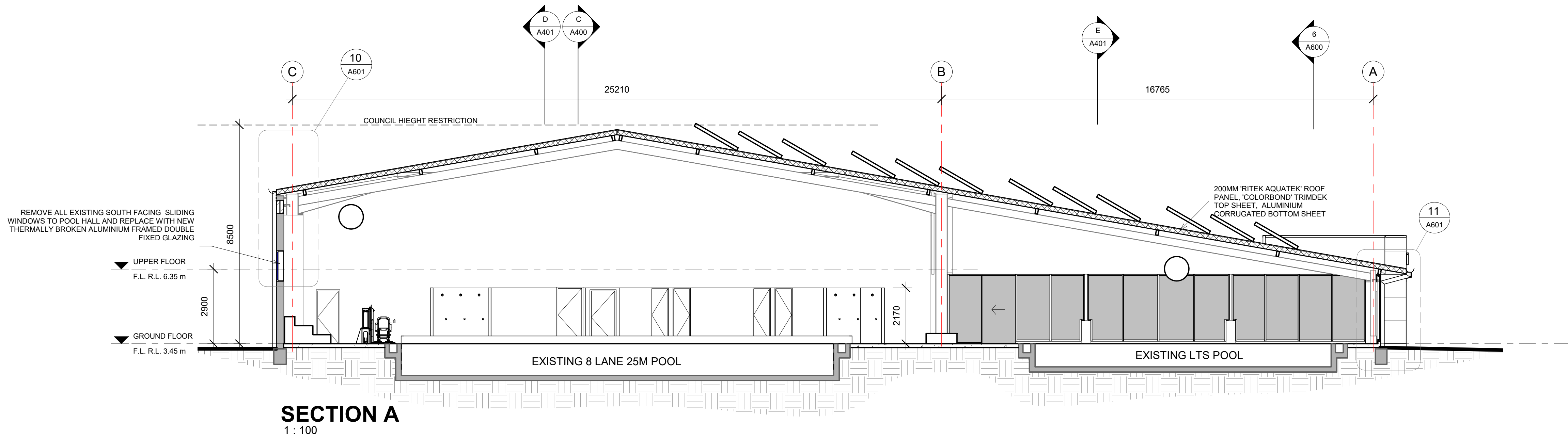
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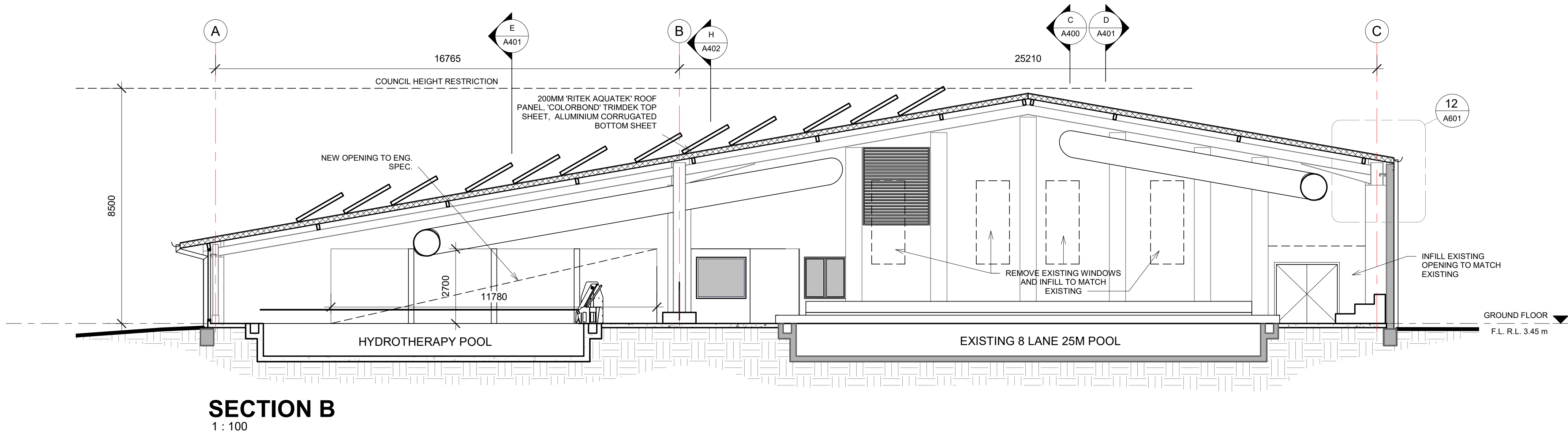
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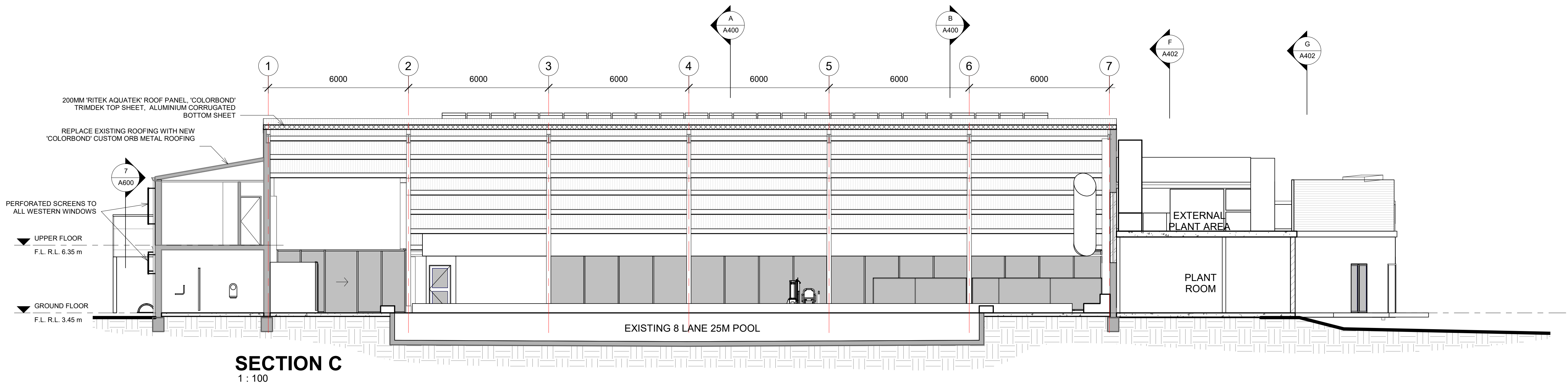
Rev	Description	Date
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SECTION A
1 : 100



SECTION B
1 : 100



SECTION C
1 : 100

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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
A1 PRINT SIZE

SHEET ISSUE DATE: 05/15/17
REVISION DATE:
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DRAWN BY: EB
CHECKED BY: S. JOHANSSON
NSW RE. 7168

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DESIGN ARCHITECT: _____

MSW Reg. No. 7198

CLIENT:

LAKE MACQUARIE

TORONTO SWIM CENTRE

AWABA ROAD, TORONTO WEST

HEET ISSUE DATE:	06/19/17	DRA
VISION DATE:		

SCALE: 1:100 @ A1

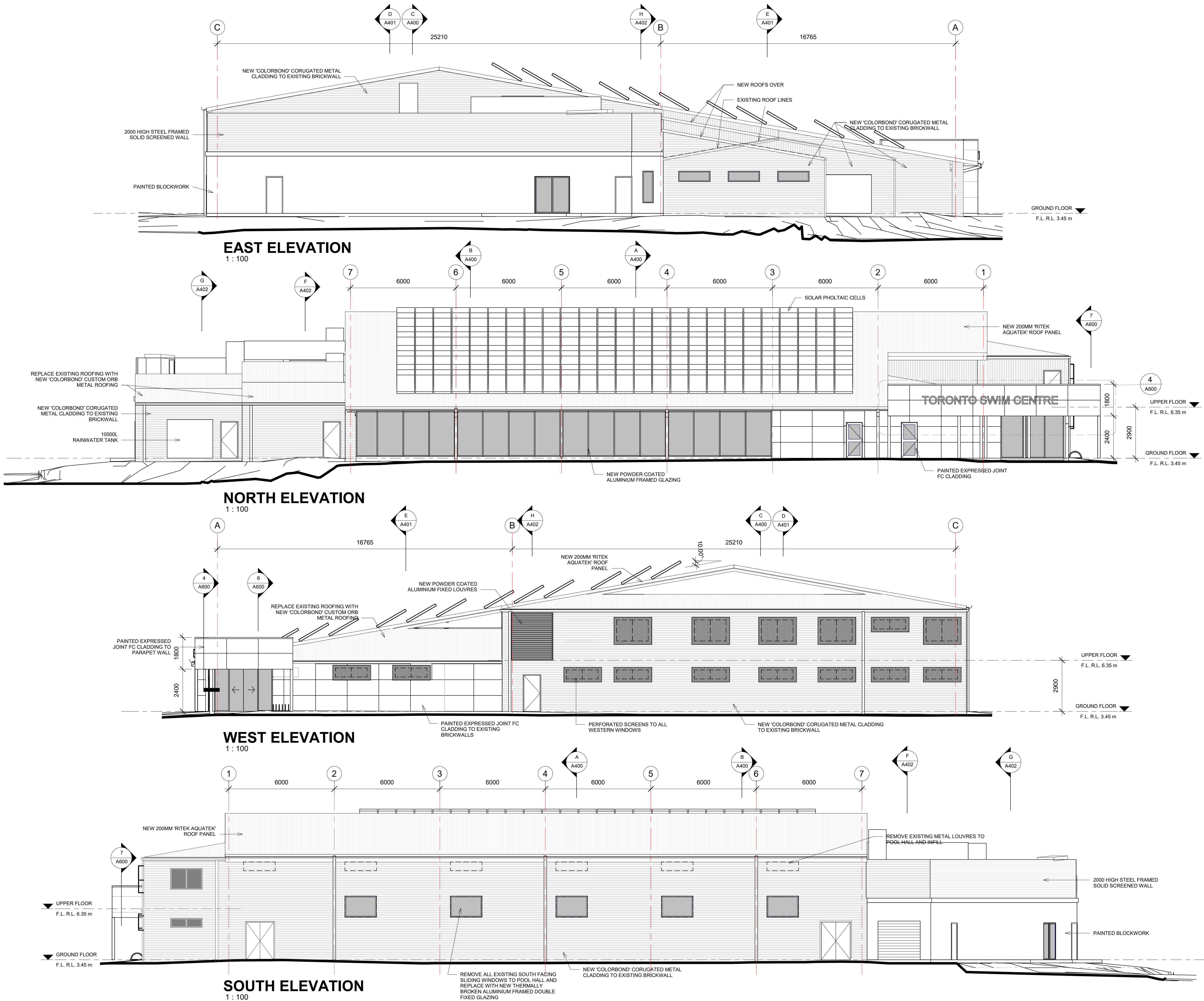
JOB NO..	W-237	
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CLIENT:
LAKE MACQUARIE CITY COUNCIL
Lake Macquarie City Council

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		A1 PRINT SIZE	
REVISION DATE:	SCALE: 1:100 @ A1	DRAWING NO.	REV.
		A500	
JOB NO.:	W-237		
DRAWN BY: EB	CHECKED BY: S. JOHANSSON		
	NSW RE. 7168		

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Revisions		
Rev	Description	Date



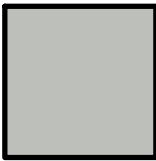
FC CLADDING



DULUX 'CAPSTAN' – P34H5 –
DULUX ACRATEX SYSTEM



DULUX 'MIZU' – P34H1 –
DULUX ACRATEX SYSTEM

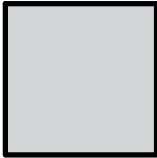


COLORBOND SHALE GREY
DULUX ACRATEX SYSTEM

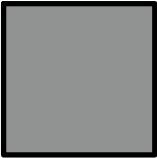


DULUX 'MIDAS TOUCH' –
P14H7- DULUX ACRATEX
SYSTEM

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:

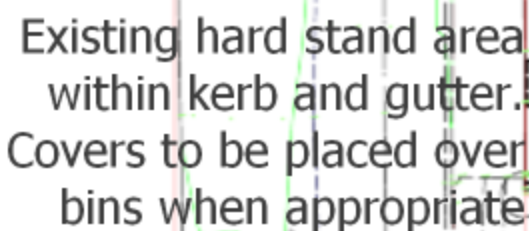
COLOURBOARD

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

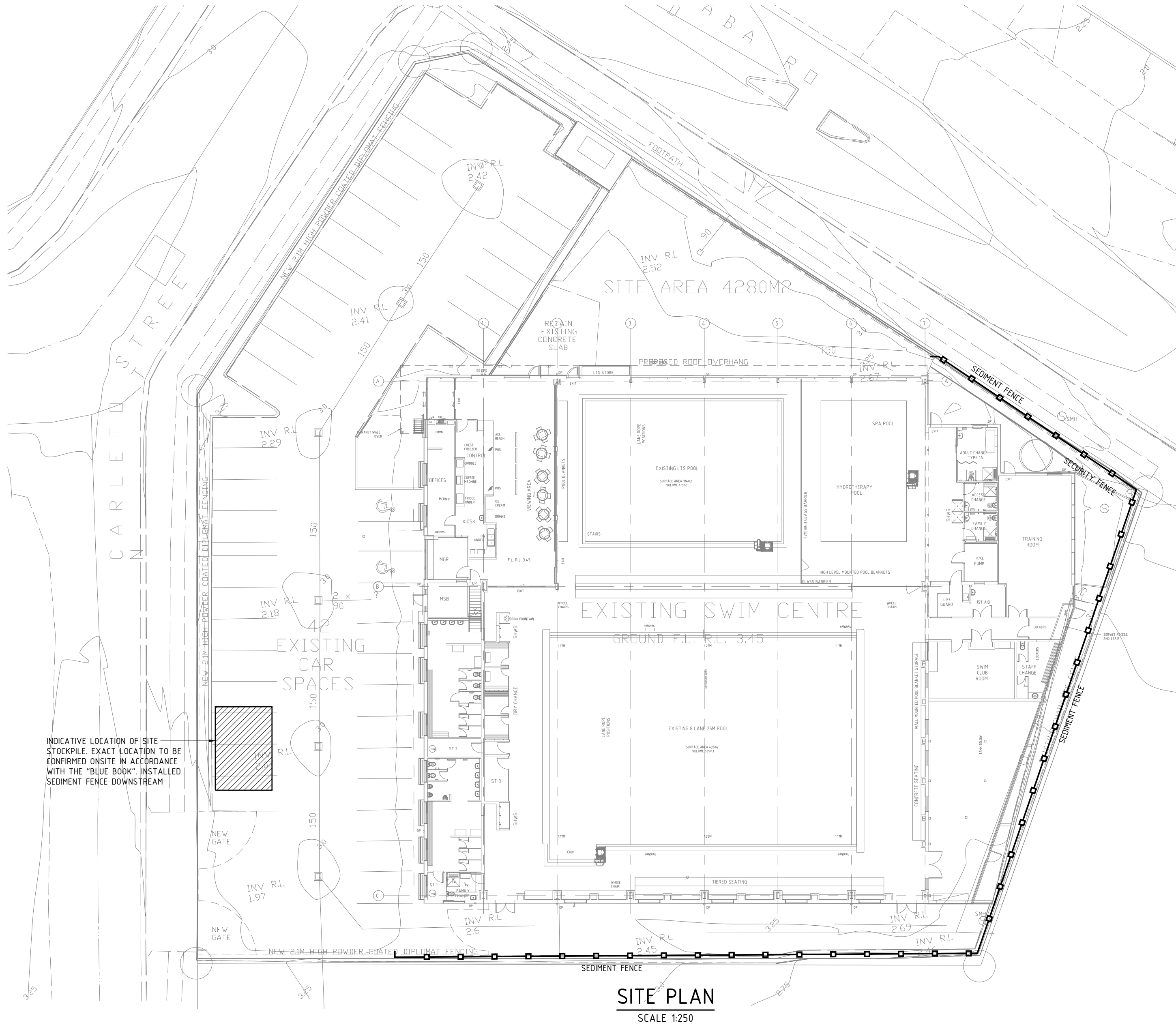
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- Bin storage area during the operation of the swim centre

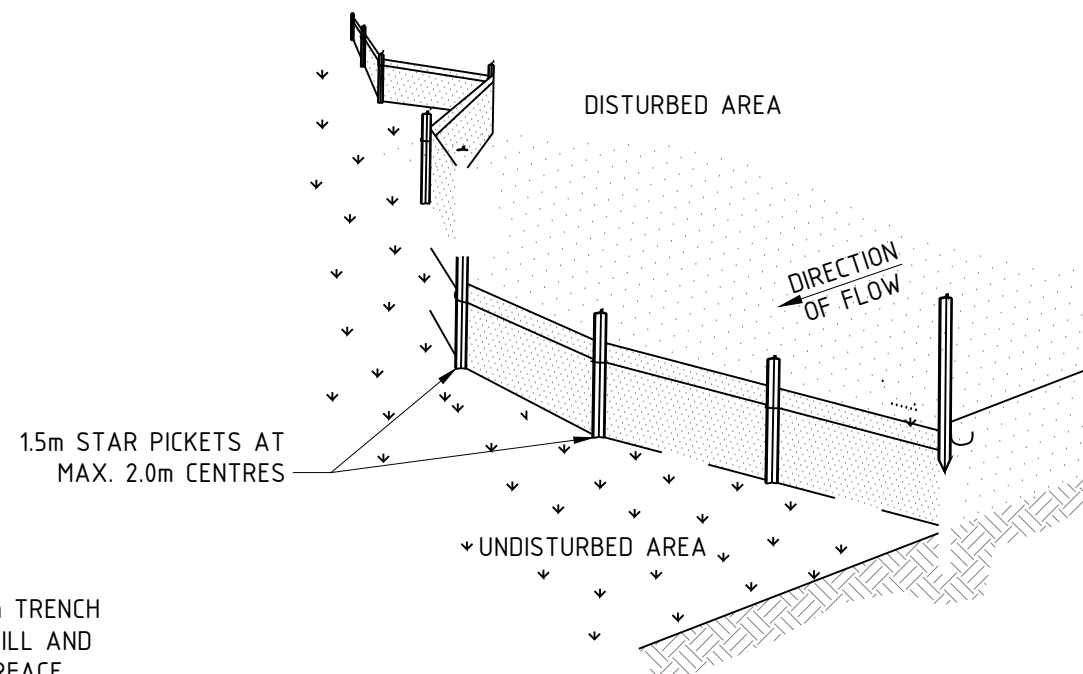
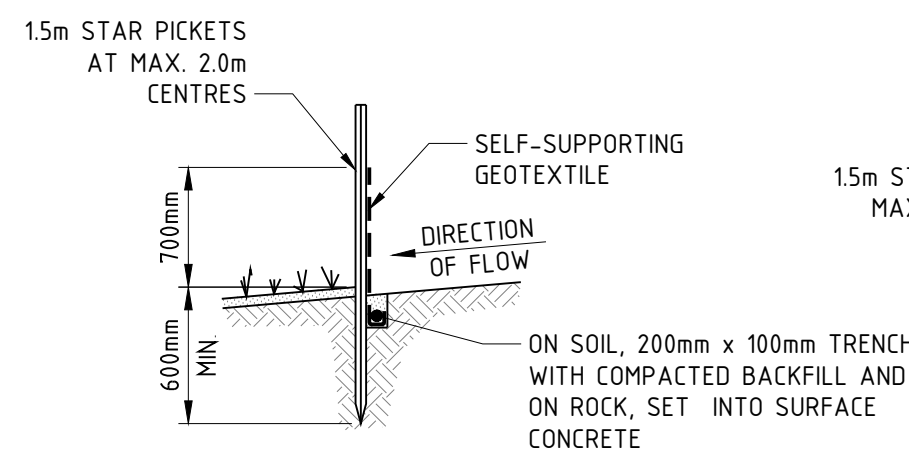
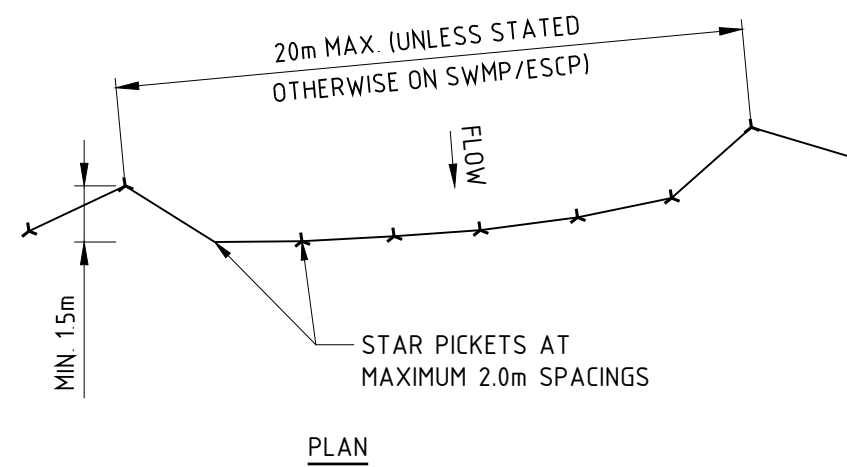
POOL CONSULTANT  4400-1700-1000-1000 (toll-free) 416-291-0121 • 1-800-367-2727 • 416-291-0121 100-100-1000 • 1-800-367-2727 • 416-291-0121	
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FOR APPROVAL CLIENT: LAKE MACQUARIE CITY COUNCIL 	
PROJECT NAME: TORONTO SWIM CENTRE REFURBISHMENT PROJECT ADDRESS: LOT 1, D.P. 60362 AVALON ROAD, TORONTO WEST	
DRAWING TITLE: Waste Management Plan	
DRAWING NO. WP 01	REV. A
SCALE: 1:300 @ A1	JOB NO.: W-237
DRAWN BY: EB	CHECKED BY: S. JOHNSON NEW RE: 7-88

TORONTO SWIM CENTER EROSION & SEDIMENT CONTROL PLAN



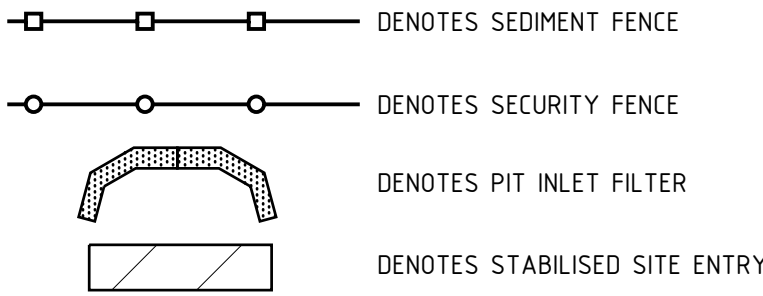
SEDIMENT FENCE NOTES

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	

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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

SPRKS+PARTNERS
CONSULTING ENGINEERS
HYDRAULIC | CIVIL | FIRE

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DATE SEP 2017	DESIGNED LD	 AHSCA
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SCALE AS SHOWN
DRAWN MM

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

PRICING ISSUE