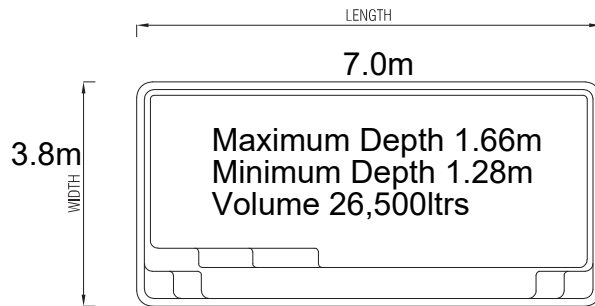
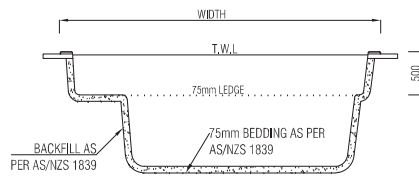


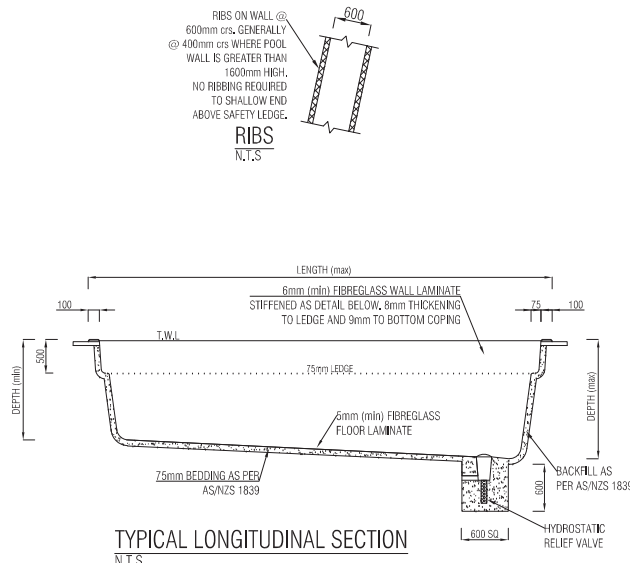
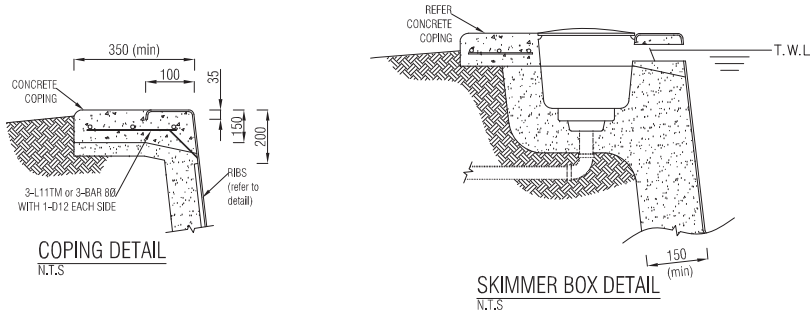
5 Sames Close, Mona Vale 2103



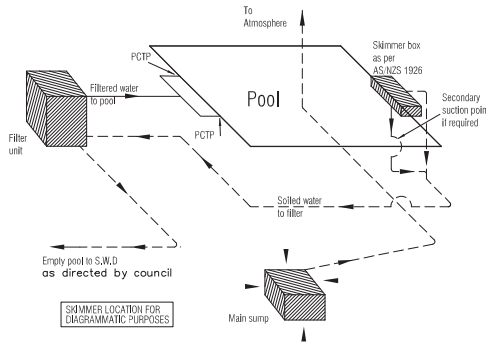
POOL PLAN - REFLECTION



TYPICAL CROSS SECTION
N.T.S



TYPICAL LONGITUDINAL SECTION
N.T.S.



WATER RETICULATION FLOW DIAGRAM

REFLECTION POOL RANGE			
LENGTH	WIDTH	DEPTH (max)	DEPTH (min)
6000	3500	1600	1280
7000	3800	1660	1280
8000	3800	1720	1280
9000	3800	1780	1280
10000	3800	1840	1280

* All measurements are mm.

GRP SHELL MANUFACTURE

- A. THE FIBREGLASS SHELL SHALL BE MANUFACTURED IN ACCORDANCE WITH AS/NZS 1838 (PRE-MOULDED FIBRE REINFORCED PLASTIC SWIMMING POOLS).
- C. SHELL SHALL BE SPRAY MOULDED WITH:
 - 0.8mm GEL COAT (NPG).
 - 2.0mm BARRIER COAT (VINYL ESTER).
- D. STRUCTURAL LAYER WHICH WILL GIVE TOTAL BARRIER/STRUCTURAL THICKNESS NOMINATED ON DRAWING.
- D. ALL LAYERS SHALL BE ROLLED OUT TO COMPLETELY BOND REINFORCING & RESINS & EXPEL AIR.
- E. STRUCTURAL LAMINATE SHALL HAVE MINIMUM:
 - FLEXURAL STRENGTH OF 110 MPa.
 - TENSILE STRENGTH OF 60 MPa.
 - MODULUS ELASTICITY OF 6200 MPa.

FOUNDATIONS

- A. ALL TOPSOIL & ORGANIC MATTER UNDER POOL FLOOR IS TO BE REMOVED. THE DESIGN REQUIRES THAT THE FOUNDATION MATERIALS IS TO BE UNIFORM SOUND NATURAL GROUND WITH A MINIMUM BEARING CAPACITY OF 50 kPa.
- B. THIS POOL IS SUITABLE FOR SOIL CLASSIFICATIONS OF 'A', 'S', 'M' SITES.
- C. FOR SOIL CLASSIFICATIONS OF 'H' & 'E' SITES REFER TO CERTIFICATION LETTER FOR REQUIRED ADJUSTMENTS.
- D. ALL SOIL CLASSIFICATIONS OF 'P' SITES SHALL BE REFERRED TO AN ENGINEER.

INSTALLATION

- A. THE POOL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF AS/NZS 1939 & THIS SPECIFICATION.
- B. CONCRETE TO CONTOUR SHALL BE 20 MPa (min), With 20mm aggregate & 100-10 SLUMP - TYPE A CEMENT, COMPACT CONCRETE THOROUGHLY AROUND SKIMMER AND UNDER COPING LANDING.
- C. REINFORCING STEEL: 3# 11MM OR 3# 8AR 80 WITH 1# 12 EACH SIDE
- D. TOLERANCES SHALL BE IN ACCORDANCE WITH AS/NZS 1938.
- E. PLUMBING SHALL BE 400 PRESSURE LINES AND 500 SUCCTION LINES CLASS 9 PIPE AND CLASS 18 FITTINGS. PRIME ALL JOINTS BEFORE APPLYING SOLVENT.

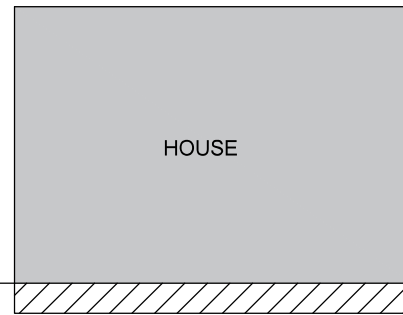
OPERATION

- A. THE POOL SHELL MAY BE DAMAGED IF THE POOL WATER IS DROPPED BELOW NORMAL OPERATING LEVEL. CONSULT THE INSTALLATION CONTRACTOR PRIOR TO EMPTYING THE POOL.

DRAWING REVISIONS				REFERENCE DRAWINGS				SIGNED APPROVAL				Summermore Pty Ltd				PROJECT			
E	REVISED AS PER CLIENTS REQUEST	GAB	MAY2020					APPROVED			30MAR2020	Consulting Engineers				Structural Details (Fibreglass Swimming Pool)			
D	REVISED AS PER CLIENTS REQUEST	GAB	OCT2016					RPEP	6715			ACN: 108 898 433 ABN: 42 108 898 433				TITLE			
C	REVISED AS PER CLIENTS REQUEST	GAB	OCT2014					REVIEWED				ron@summermore.com.au www.summermore.com.au				REFLECTION			
B	REVISED AS PER CLIENTS REQUEST	GAB	JUL2014					DESIGNED	RAB		MAR2020	PO Box 1671 Browns Plains Bc. QLD. 4116				DRAWING NUMBER			
A	REVISED AS PER CLIENTS REQUEST	GAB	MAY2014					DRAWN	GAB		MAR2020	Phone: 07 3800 0973 Fax: 07 3800 1560				14-7287-S08			
	PREFABRIKY FOR CLIENT APPROVAL	GAB	APR2014					SCALE	AS SHOWN			ORIGINAL DRAWING SET AT A3				REV			
REV	DESCRIPTION	BY	DATE	DRAWING NAME				TITLE								E			

ELEVATIONS

NORTH ELEVATION



RL37.87

-150

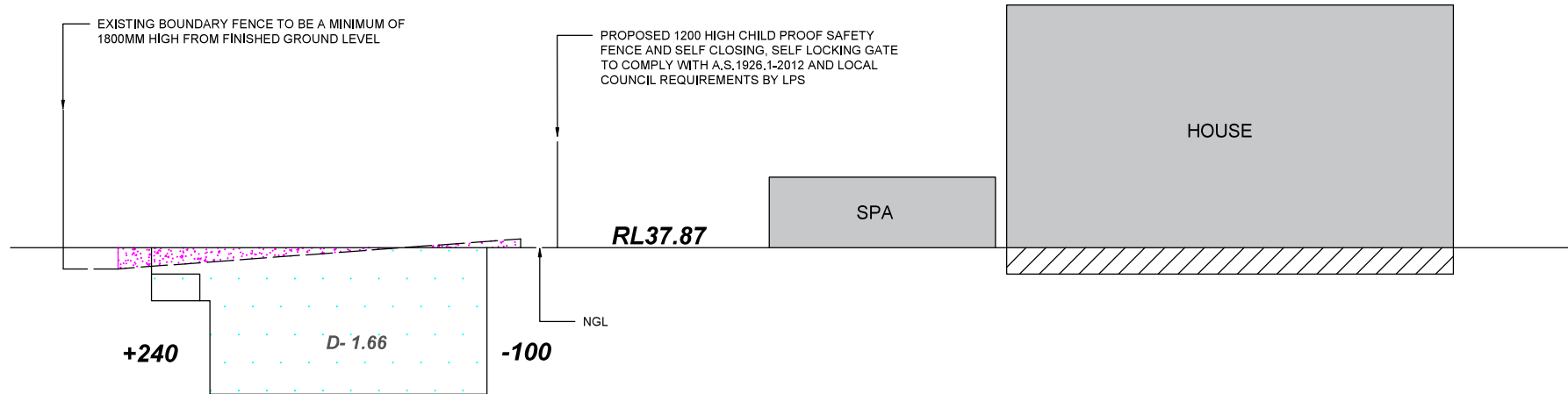
+250

EXISTING BOUNDARY FENCE TO BE A MINIMUM OF 1800MM HIGH FROM FINISHED GROUND LEVEL

PROPOSED 1200 HIGH CHILD PROOF SAFETY FENCE AND SELF CLOSING, SELF LOCKING GATE TO COMPLY WITH A.S.1926.1-2012 AND LOCAL COUNCIL REQUIREMENTS BY LPS

NGL

SOUTH ELEVATION



EXISTING BOUNDARY FENCE TO BE A MINIMUM OF 1800MM HIGH FROM FINISHED GROUND LEVEL

PROPOSED 1200 HIGH CHILD PROOF SAFETY FENCE AND SELF CLOSING, SELF LOCKING GATE TO COMPLY WITH A.S.1926.1-2012 AND LOCAL COUNCIL REQUIREMENTS BY LPS

RL37.87

+240

-100

NGL

SITE LEVELS:
TOP OF POOL COPING
LEVEL +/- FROM EXISTING
GROUND LEVEL.

A = +240 RL 37.63
B = +250 RL 37.56
C = -150 RL 37.72
D = -100 RL 37.77

A:	CREATED	22/03/22
B:	LANDSCAPE AREAS	13/04/22



LEISURE POOLS
SWIMMING IN QUALITY AND STYLE
LEISURE POOLS
SYDNEY & ILLAWARRA
3/42-44 ABEL ST.
JAMISONTOWN NSW
2750
1300 SPLASH

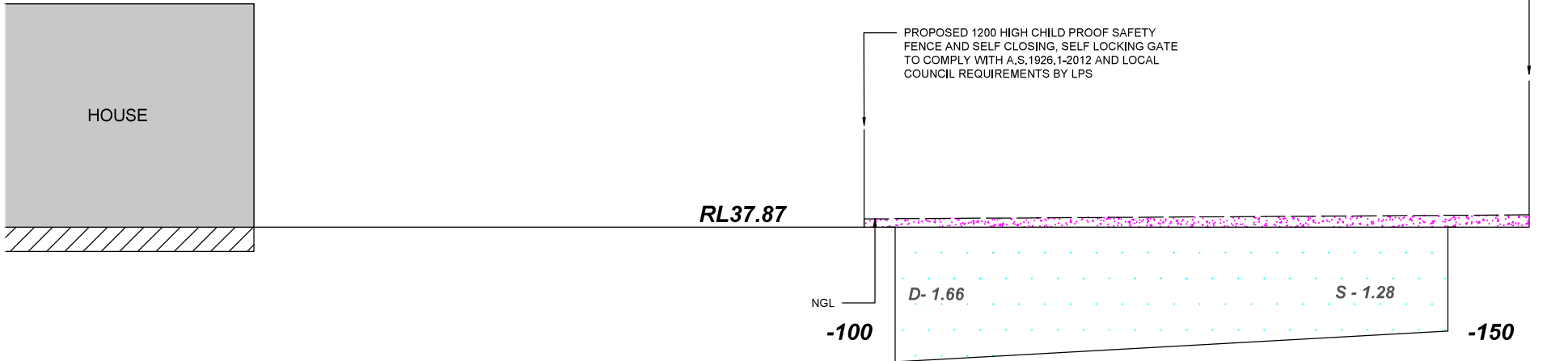
POOL: REFLECTION SIZE 7
VOLUME: 26500 LTRS
W/F: N/A
MEASUREMENTS TO WATERS
EDGE AND ARE INCLUSIVE OF
BOND BEAM / COPING.
UNLESS OTHERWISE STATED
ALL DIMENSIONS ARE IN
MILLIMETRES.

KAREN & JOHN McFADDEN
5 SAMES CLOSE
MONA VALE NSW 2103

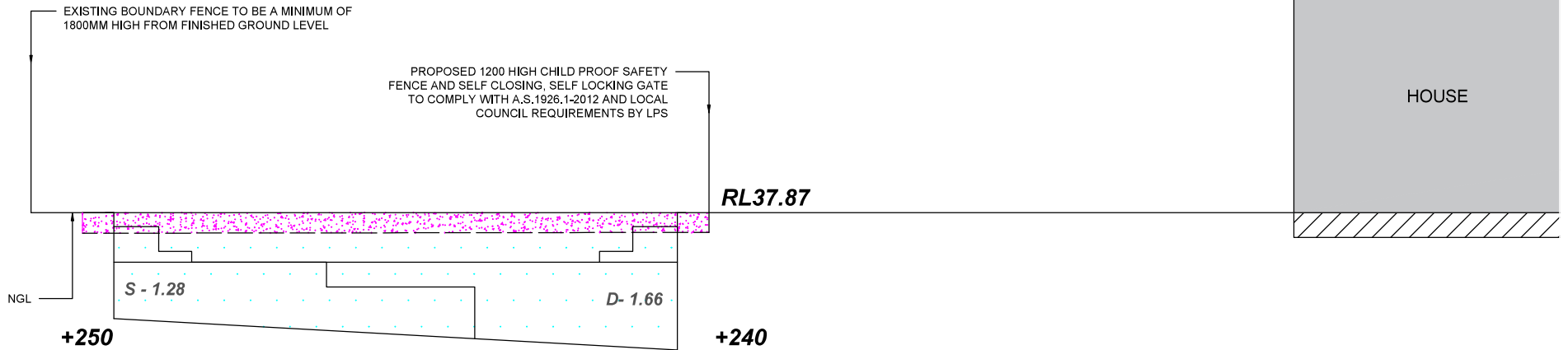
SIZE A3	SA	Q22003
SCALE: 1:50 @ A3		SHEET: 3

ELEVATIONS

EAST ELEVATION

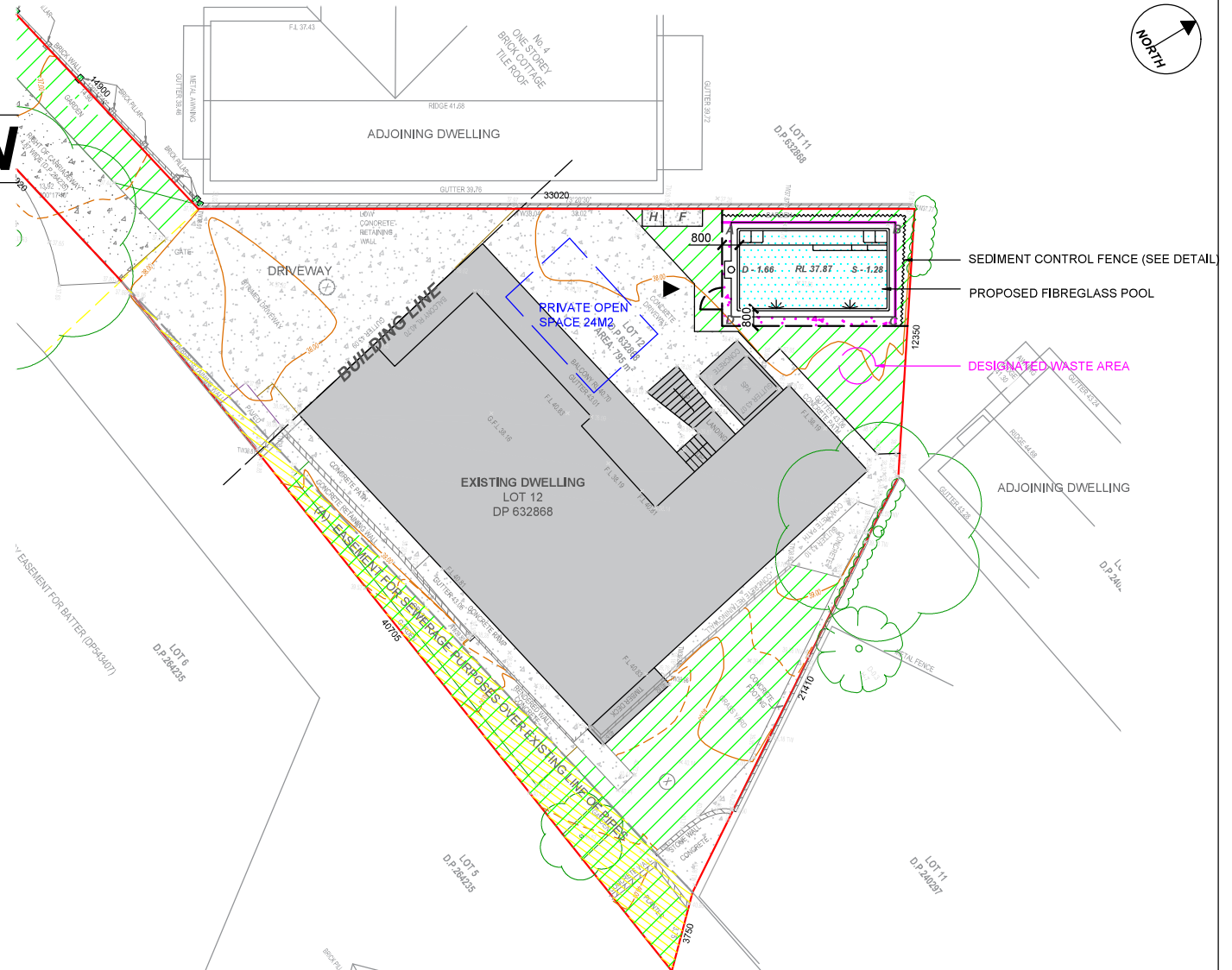


WEST ELEVATION



SITE LEVELS: TOP OF POOL COPING LEVEL +/- FROM EXISTING GROUND LEVEL. A = +240 RL 37.63 B = +250 RL 37.56 C = -150 RL 37.72 D = -100 RL 37.77	A:	CREATED	22/03/22	 SPASA MASTER BUILDERS ASSOCIATION MEMBER MASTER BUILDER, BETTER BUILDER	 LEISURE POOLS SWIMMING IN QUALITY AND STYLE LEISURE POOLS SYDNEY & ILLAWARRA 3/42-44 ABEL ST. JAMISONTOWN NSW 2750 1300 SPLASH	POOL: REFLECTION SIZE 7		KAREN & JOHN McFADDEN 5 SAMES CLOSE MONA VALE NSW 2103			
	B:	LANDSCAPE AREAS	13/04/22			VOLUME: 26500 LTRS					
						W/F: N/A					
						MEASUREMENTS TO WATERS EDGE AND ARE INCLUSIVE OF BOND BEAM /COPING.		SIZE A3	SA	Q22003	
						UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES.		SCALE: 1:50 @ A3		SHEET: 4	

SEDIMENT CONTROL PLAN



SITE LEVELS:
TOP OF POOL COPING
LEVEL $\pm$ FROM EXISTING
GROUND LEVEL.

A = +240 RL 37.63
B = +250 RL 37.56
C = -150 RL 37.72
D = -100 RL 37.77

A:	CREATED	22/03/22
B:	LANDSCAPE AREAS	13/04/22



LEISURE POOLS
SWIMMING IN QUALITY AND STYLE
LEISURE POOLS
SYDNEY & ILLAWARRA
3/42-44 ABEL ST,
JAMISONTOWN NSW
2750
1300 SPLASH

POOL: REFLECTION SIZE 7
VOLUME: 26500 LTRS
W/F: N/A
MEASUREMENTS TO WATERS
EDGE AND ARE INCLUSIVE OF
BOND BEAM / COPING.
UNLESS OTHERWISE STATED
ALL DIMENSIONS ARE IN
MILLIMETRES.

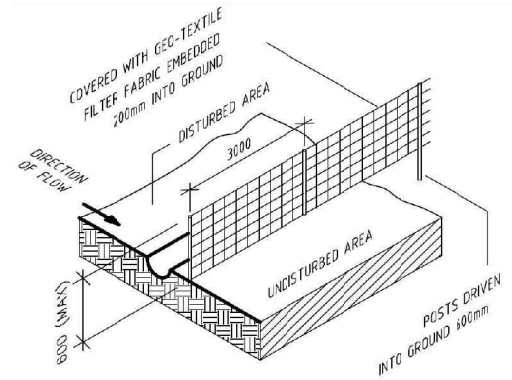
KAREN & JOHN McFADDEN
5 SAMES CLOSE
MONA VALE NSW 2103

SIZE A3 SA Q22003

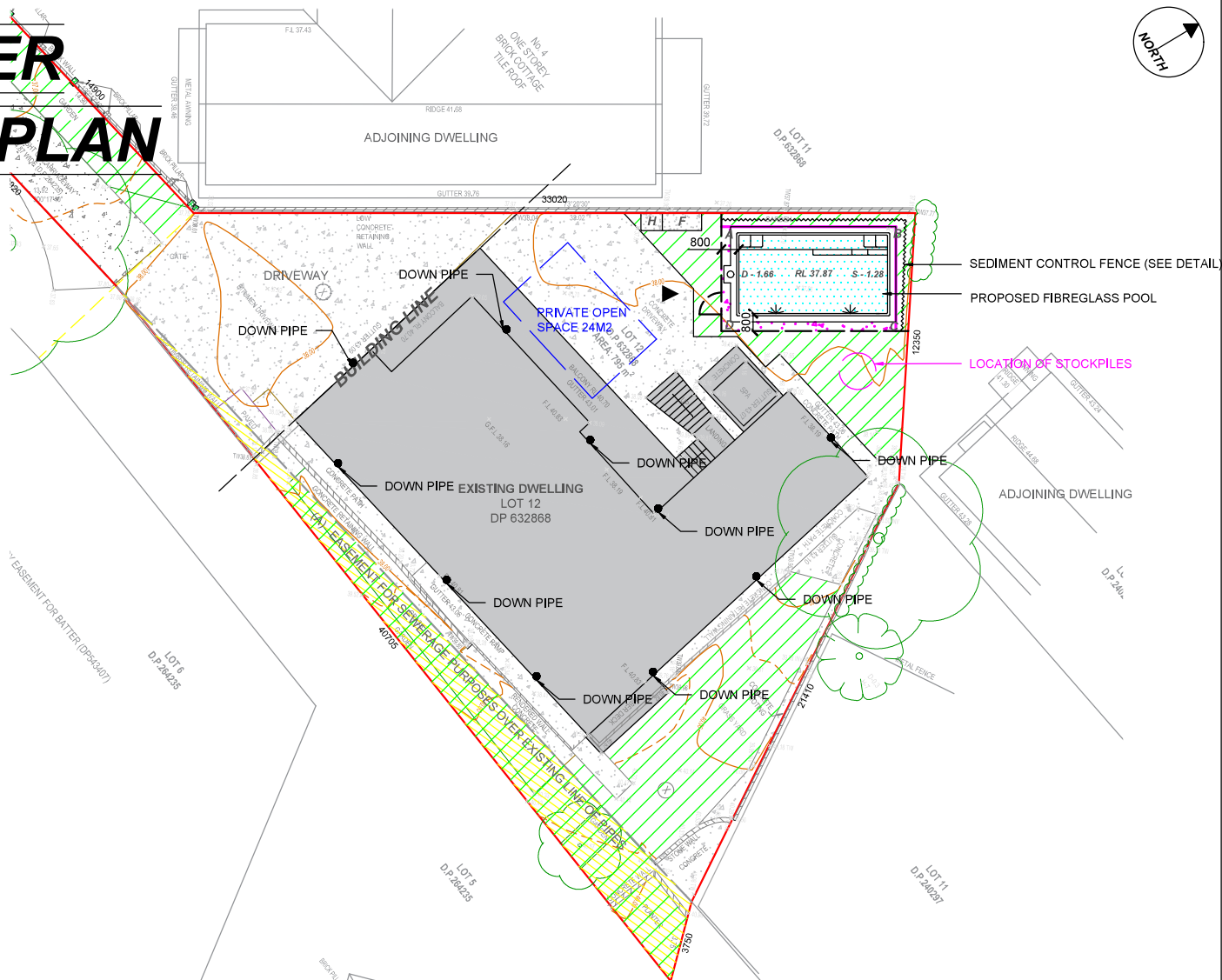
SCALE: 1:200 @ A3

SHEET: 7

SOIL AND WATER MANAGEMENT PLAN

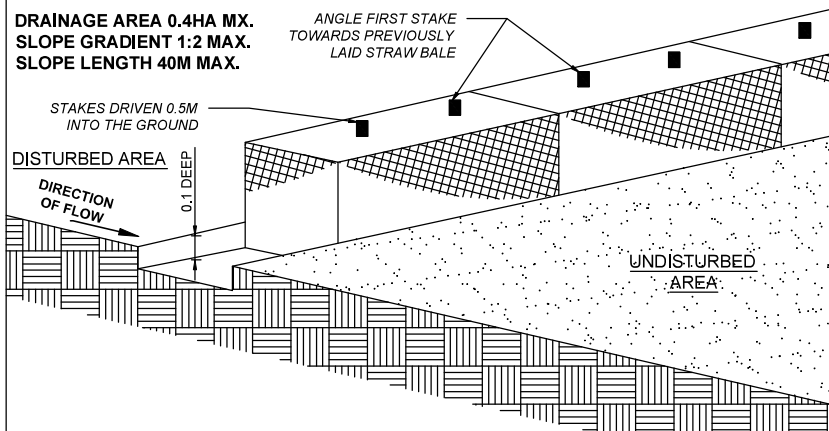


SEDIMENT FENCE DETAIL
NOT TO SCALE

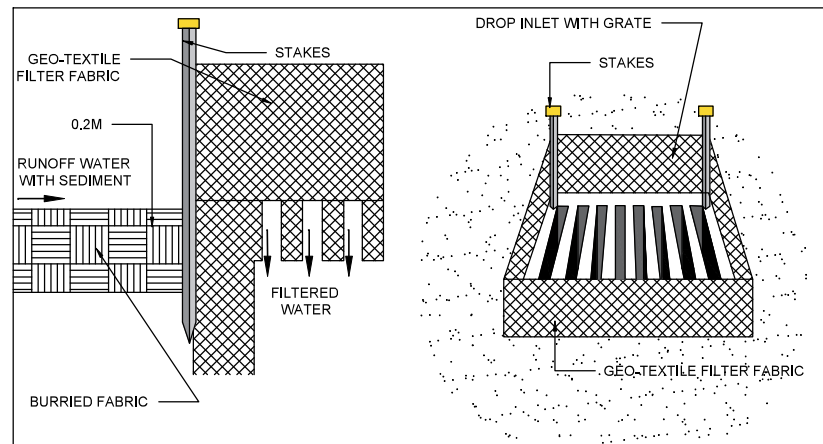


SITE LEVELS: TOP OF POOL COPING LEVEL +/- FROM EXISTING GROUND LEVEL. A = +240 RL 37.63 B = +250 RL 37.56 C = -150 RL 37.72 D = -100 RL 37.77	A:	CREATED	22/03/22		 LEISURE POOLS SWIMMING IN QUALITY AND STYLE LEISURE POOLS SYDNEY & ILLAWARRA 3/42-44 ABEL ST, JAMISONTOWN NSW 2750 1300 SPLASH	POOL: REFLECTION SIZE 7		KAREN & JOHN McFADDEN 5 SAMES CLOSE MONA VALE NSW 2103		
	B:	LANDSCAPE AREAS	13/04/22			VOLUME: 26500 LTRS				
						W/F: N/A				
						MEASUREMENTS TO WATERS EDGE AND ARE INCLUSIVE OF BOND BEAM /COPING.				
						UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES.				
						SIZE A3	SA	Q22003		
						SCALE: 1:200 @ A3			SHEET: 8	

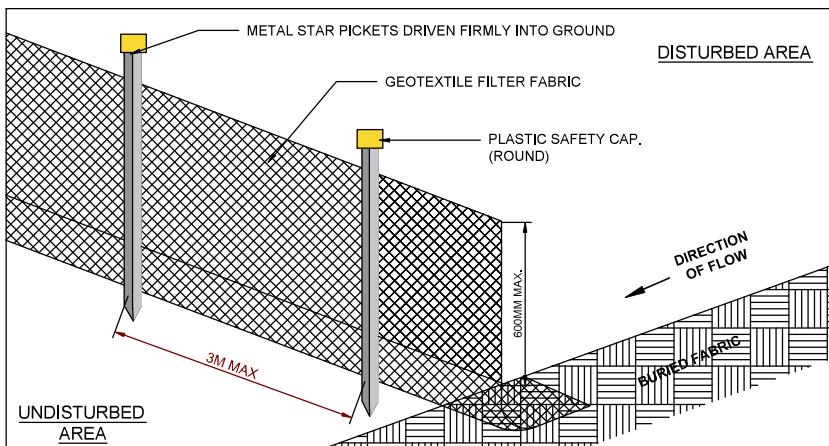
**DRAINAGE AREA 0.4HA MX.
SLOPE GRADIENT 1:2 MAX.
SLOPE LENGTH 40M MAX.**



STRAW BALE SEDIMENT FILTER



GEOTEXTILE FILTER FABRIC DROP INLET SEDIMENT TRAP



SEDIMENT FENCE

STOCKPILE CONTROL

GEO-TEXTILE FABRIC SHALL BE PLACED ON THE BOUNDARY OF THE SITE TO PREVENT SEDIMENT WASHING FROM THE SITE INTO COUNCILS STORM WATER SYSTEM.

EROSION/DUST CONTROL

WHERE THERE IS THE POTENTIAL OF THE SITE EROSION TO PRODUCE EXCESSIVE SEDIMENT RUNOFF, SUITABLE GEO-TEXTILE AND HAY BALE BARRIERS SHALL BE PLACED TO ALLEVIATE THE RISK ACCORDINGLY. BARE SURFACES SHALL BE KEPT MOIST IN THE EVENT THAT COUNCIL DUST LEVEL REGULATIONS MAY BE EXCEEDED. GEO-TEXTILE FABRIC LOCATED ON THE INSIDE OF FENCES SHALL ALSO BE UTILIZED FOR DUST CONTROL WHERE NECESSARY.

STOCKPILE CONTROL

STOCKPILE AREAS SHALL BE ALLOCATED WITHIN THE SITE IN ADVANCES TO AVOID STOCKPILING OF MATERIAL ON PAVEMENT, VERGE AND ROAD SURFACES.

RUBBISH DISPOSAL

ALL RUBBISH SHALL BE CONTAINED IN THE READE WASTE AREA NOMINATED ON SITE PLAN. PUBLIC PROPERTY WILL BE KEPT FREE OF RUBBISH AT ALL TIMES.

NOTE:

1. SILT/SEDIMENT CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY EXCAVATION OR CONSTRUCTION WORK.
2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING RE-VEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED TO THE STANDARDS OF THE SOIL CONSERVATION OF NSW AND INSPECTED DAILY BY THE SITE MANAGER.
3. ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.
4. SEDIMENT TRAPS SHALL BE CONSTRUCTED AROUND ALL INLET PITS, CONSISTING OF 300MM WIDE X 300MM DEEP TRENCH.

5. ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES ARE A MAXIMUM OF 90% FULL OF SOIL MATERIALS, INCLUDING THE MAINTENANCE PERIOD.

6. ALL DISTURBED AREAS SHALL BE RE-VEGETATED AS SOON AS THE RELEVANT WORKS ARE COMPLETED.

7. SOIL AND TOPSOIL STOCKPILED SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREA WHERE WATER MAY CONCENTRATE. ALL ROADS AND FOOTPATHS TO BE SWEEPED DAILY.

8. FILTER SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC. PROPEX OF APPROVED EQUIVALENT BETWEEN POST AT 3.0M CENTERS. FABRIC SHALL BE BURIED 150MM ALONG ITS LOWER EDGE.

9. DUST PREVENTION MEASURES TO BE MAINTAINED AT ALL TIMES.

LANDSCAPE PLAN



- LEGEND:**
- GRASS AREA
 - DWELLING
 - HARDSPACE (CONCRETE, PAVING, ETC...)
 - PEBBLES AREA
 - GARDEN AREA

SITE LEVELS:
TOP OF POOL COPING
LEVEL +/- FROM EXISTING
GROUND LEVEL.

A = +240 RL 37.63
B = +250 RL 37.56
C = -150 RL 37.72
D = -100 RL 37.77

A:	CREATED	22/03/22
B:	LANDSCAPE AREAS	13/04/22

SPASA
MASTER BUILDERS ASSOCIATION
MEMBER
MASTER BUILDER, BETTER BUILDER

LEISURE POOLS
SWIMMING IN QUALITY AND STYLE
LEISURE POOLS
SYDNEY & ILLAWARRA
3/42-44 ABEL ST.
JAMISONTOWN NSW
2750
1300 SPLASH

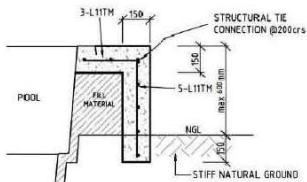
POOL: REFLECTION SIZE 7
VOLUME: 26500 LTRS
W/F: N/A
MEASUREMENTS TO WATERS
EDGE AND ARE INCLUSIVE OF
BOND BEAM / COPING.
UNLESS OTHERWISE STATED
ALL DIMENSIONS ARE IN
MILLIMETRES.

KAREN & JOHN McFADDEN
5 SAMES CLOSE
MONA VALE NSW 2103

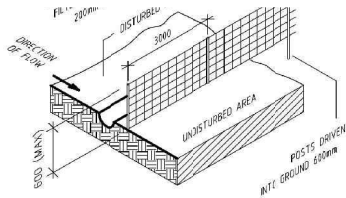
SIZE A3	SA	Q22003
SCALE: 1:200 @ A3		SHEET: 6

LANDSCAPE CALCULATIONS

SITE AREA	795.90M2
DWELLING AREA	223.92M2
OTHER AREAS	338.57M2
PROPOSED POOL AREA	38.14m2
TOTAL B.U.A	600.63M2
SOFT LANDSCAPED ON ENTIRE LOT	195.27M2



TYPICAL DROP EDGE BEAM DETAIL



**SEDIMENT FENCE DETAIL
NOT TO SCALE**

PROPOSED FIBREGLASS POOL TO COMPLY WITH THE SWIMMING POOL ACT AND LOCAL COUNCIL REGULATIONS

▲ DATUM - TOP OF THE CONCRETE
TOP OF FIBERGLASS TO BE LEVEL WITH DATUM

LEGEND:

- SOFT LANDSCAPE GREATER THAN 1.5M WIDE
- SOFT LANDSCAPE LESS THAN 1.5M WIDE
- DWELLING
- HARDSPACE (CONCRETE, PAVING, ETC...)
- DESIGNATED WASTE AREA (SEE DETAIL)
- SKIMMER (AT DEPTH END)
- SEDIMENT CONTROL FENCE (SEE DETAIL)
- VENTURI JETS (N/A)
- POOL LIGHTS (X2)

SITE LEVELS:
TOP OF POOL COPING
LEVEL +/- FROM EXISTING
GROUND LEVEL.

A = +240 RL 37.63
B = +250 RL 37.56
C = -150 RL 37.72
D = -100 RL 37.77

A:	CREATED	22/03/22
B:	LANDSCAPE AREAS	13/04/22

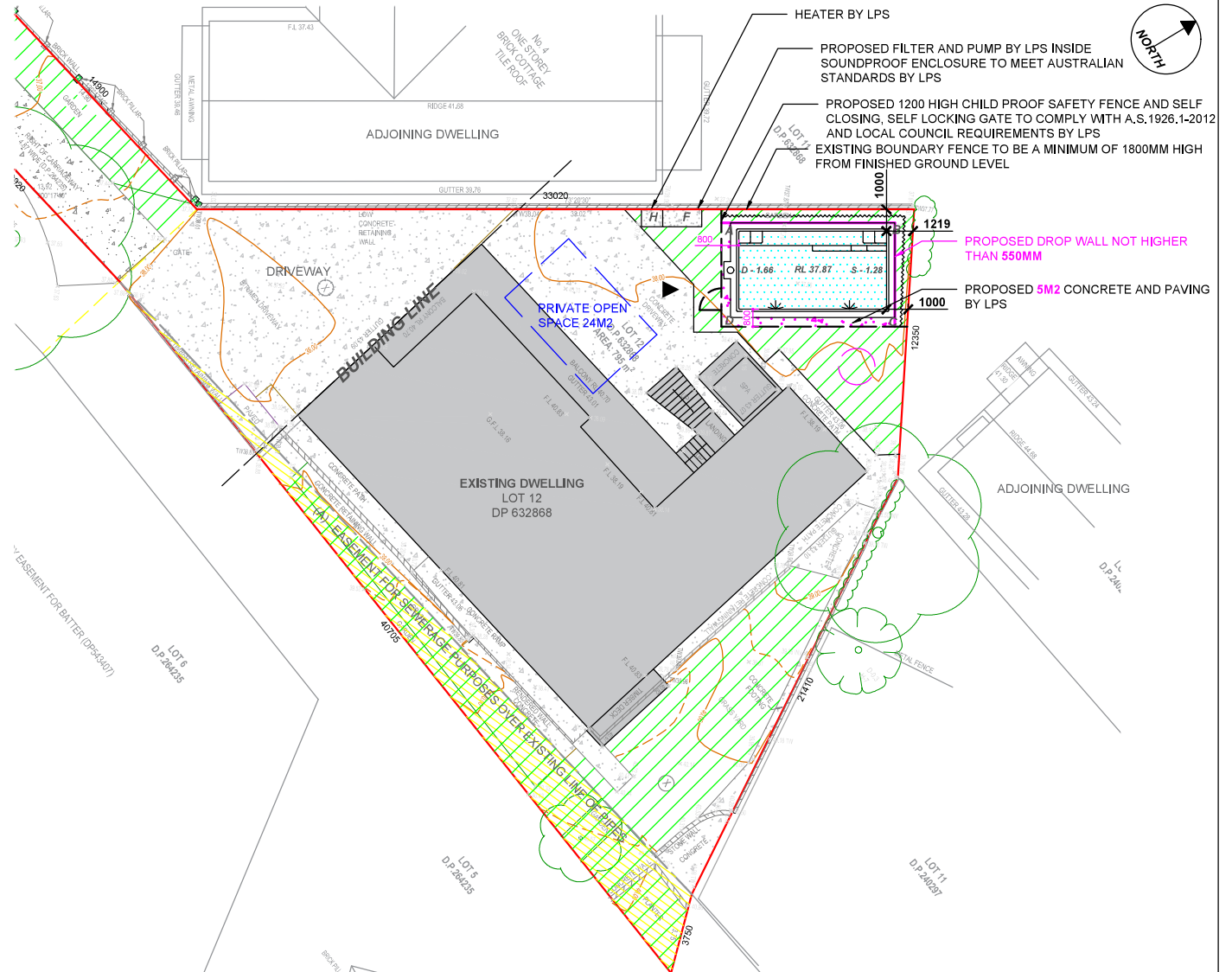


LEISURE POOLS
SWIMMING IN QUALITY AND STYLE
LEISURE POOLS
SYDNEY & ILLAWARRA
3/42-44 ABEL ST.
JAMISONTOWN NSW
2750
1300 SPLASH

POOL: REFLECTION SIZE 7
VOLUME: 26500 LTRS
W/F: N/A
MEASUREMENTS TO WATERS
EDGE AND ARE INCLUSIVE OF
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KAREN & JOHN McFADDEN
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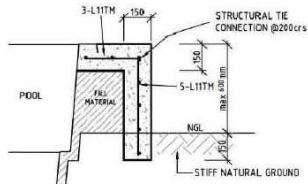
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SCALE: 1:200 @ A3		SHEET: 1



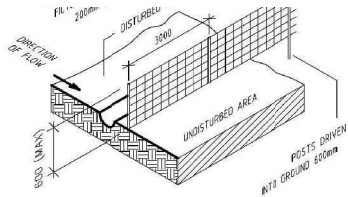


SITE LEVELS: TOP OF POOL COPING LEVEL +/- FROM EXISTING GROUND LEVEL. A = +240 RL 37.63 B = +250 RL 37.56 C = -150 RL 37.72 D = -100 RL 37.77	A:	CREATED	22/03/22
	B:	LANDSCAPE AREAS	13/04/22
SPASA SYDNEY & ILLAWARRA 3/42-44 ABEL ST. JAMISONTOWN NSW 2750 1300 SPLASH MASTER BUILDERS ASSOCIATION MEMBER MASTER BUILDER, BETTER BUILDER			
LEISURE POOLS SWIMMING IN QUALITY AND STYLE LEISURE POOLS SYDNEY & ILLAWARRA 3/42-44 ABEL ST. JAMISONTOWN NSW 2750 1300 SPLASH POOL: REFLECTION SIZE 7 VOLUME: 26500 LTRS W/F: N/A MEASUREMENTS TO WATERS EDGE AND ARE INCLUSIVE OF BOND BEAM / COPING. UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES.			
KAREN & JOHN McFADDEN 5 SAMES CLOSE MONA VALE NSW 2103 SIZE A3 SA Q22003			
SCALE: 1:2500 @ A3			SHEET: 2

LANDSCAPE CALCULATIONS
 SITE AREA 795.90M2
 DWELLING AREA 223.92M2
 OTHER AREAS 338.57M2
 PROPOSED POOL AREA 38.14m2
 TOTAL B.U.A 600.63M2
 SOFT LANDSCAPED ON ENTIRE LOT 195.27M2



**TYPICAL DROP EDGE
 BEAM DETAIL**



**SEDIMENT FENCE DETAIL
 NOT TO SCALE**

PROPOSED FIBREGLASS POOL TO
 COMPLY WITH THE SWIMMING POOL ACT
 AND LOCAL COUNCIL REGULATIONS

▲ DATUM - TOP OF THE CONCRETE
 TOP OF FIBREGLASS TO BE LEVEL WITH DATUM

LEGEND:

- SOFT LANDSCAPE GREATER THAN 1.5M WIDE
- SOFT LANDSCAPE LESS THAN 1.5M WIDE
- DWELLING
- HARSPACE (CONCRETE, PAVING, ETC...)
- DESIGNATED WASTE AREA (SEE DETAIL)
- SKIMMER (AT DEPTH END)
- SEDIMENT CONTROL FENCE (SEE DETAIL)
- VENTURI JETS (N/A)
- POOL LIGHTS (X2)

SITE LEVELS: TOP OF POOL COPING LEVEL +/- FROM EXISTING GROUND LEVEL. A = +240 RL 37.63 B = +250 RL 37.56 C = -150 RL 37.72 D = -100 RL 37.77	A:	CREATED	22/03/22
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POOL: REFLECTION SIZE 7
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KAREN & JOHN McFADDEN
 5 SAMES CLOSE
 MONA VALE NSW 2103

SIZE A3	SA	Q22003
SCALE: 1:200 @ A3		SHEET: 5

