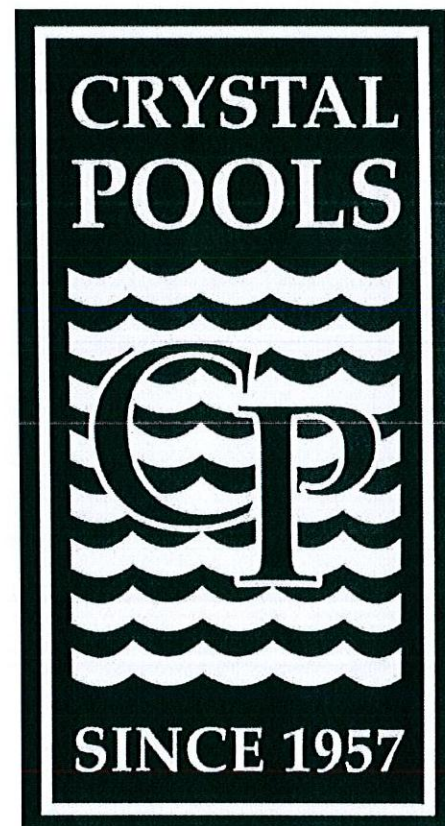




CRYSTAL POOLS

PTY.
LTD.

1 Central Ave, Thornleigh 2120

Ph: 9875 4555 Fax: 9484 1019

Builder Licence No: 34505

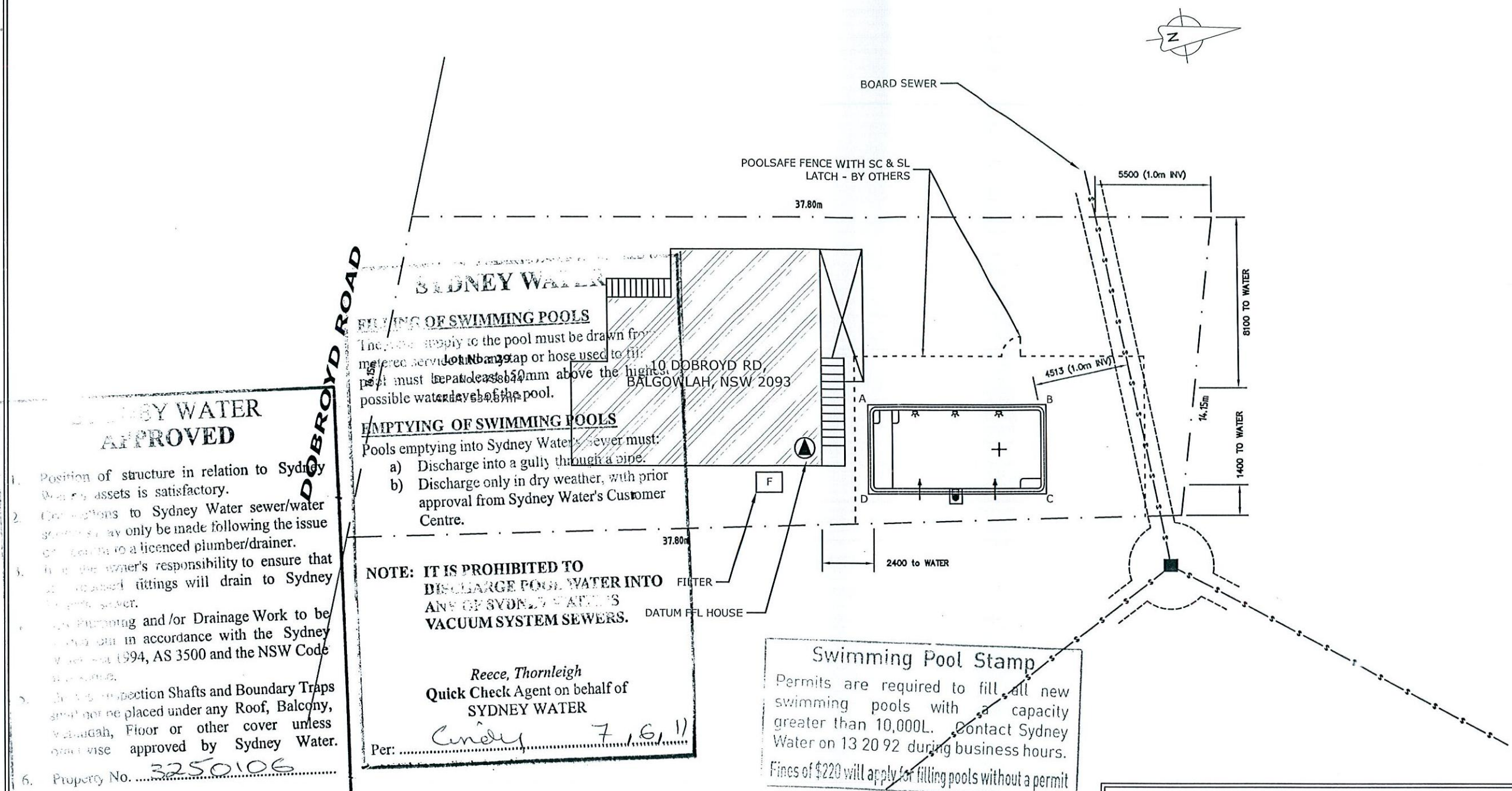
Mikael & Nicole Dahlgren
10 Dobroyd Rd, Balgowlah, NSW 2093

B	01.06	CHANGED LOCATION OF POOL TO BOUNDARY	CMF
A	16.05	ISSUED FOR CONSTRUCTION	CMF
REV.	DATE	AMENDMENT	DRAWN

JOB #: 12459



POOL VOLUME = 35,874 L



SITE PLAN SCALE 1:200

PROPOSED SWIMMING POOL
FOR: Mikael & Nicole Dahlgren
AT: 10 Dobroyd Rd, Balgowlah, NSW 2093

B	01.06	CHANGED LOCATION OF POOL TO BOUNDARY	CMF				
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www.ibsaustr.com.au Ph: 0414 555 991 Fax: 02 9804 8724
APPROVED *[Signature]* DATE 16.05.2011
CHRISTIAAN FITZSIMON BSc BE MIEAust # 987546



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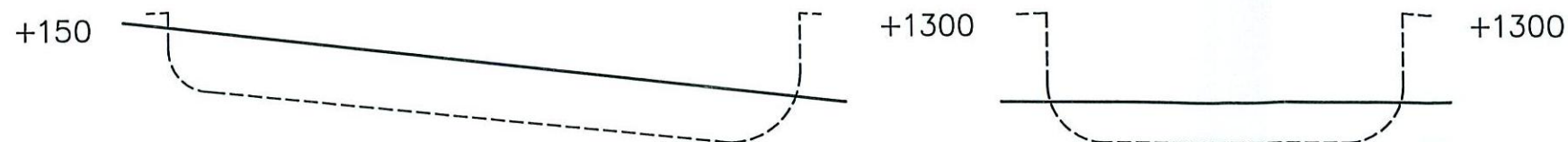


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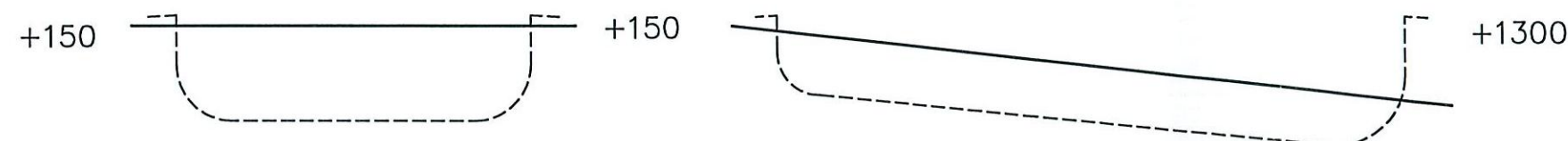
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ELEVATION A-B

ELEVATION B-C



ELEVATION A-D

ELEVATION D-C

POOL LOCATION:

CUSTOMERS MUST SATISFY THEMSELVES TO THE CORRECT LOCATION OF THE POOL SET OUT PEGS PRIOR TO THE COMMENCEMENT OF THE EXCAVATION.

DIMENSIONS:

FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO SCALE.

FOUNDATIONS:

1. TO BE NATURALLY OCCURRING MATERIAL CAPABLE OF BEING EXCAVATED TO A VERTICAL FACE AND OF MINIMUM SAFE BEARING CAPACITY OF 50KPa.
2. UNDERSIDE OF THE CONCRETE FLOOR TO BE SEPARATED FROM THE UNDERLYING MATERIAL BY A LAYER OF APPROVED MEMBRANE.

REINFORCEMENT

1. ALL RODS TO BE GRADE 230 DEFORMED BARS IN ACCORDANCE WITH A.S.1302 UNLESS NOTED OTHERWISE.
2. RODS TO BE LAPPED A MINIMUM OF 400mm AND TO BE WIRE TIED AT EACH 2ND INTERSECTION.
3. REINFORCEMENT SHALL HAVE THE FOLLOWING CLEAR COVER OF CONCRETE:
 - (a) WALLS AND STEPS 50mm INSIDE FACE.
 - (b) FLOOR AND COPING 50mm TO TOP OF CONCRETE. WIDTH OF COPING FINISH IS APPROXIMATE.
 - (c) EARTH FACES 65mm.
 - (d) FORMWORK FACES 40mm.
4. WHERE COPING IS MORE THAN 150mm ABOVE NATURAL GROUND LEVEL THE HORIZONTAL REINFORCEMENT IS TO BE INCREASED TO S12 AT 200 FOR A DISTANCE OF 400mm BELOW NATURAL GROUND LEVEL.

CONCRETE

1. MATERIALS AND WORKMANSHIP GENERALLY TO CONFORM TO THE REQUIREMENTS OF A.S. 3600-2001 & A.S. 2783-1992.
2. CONCRETE DESIGN STRENGTH (f'_c) TO BE MIN. 25 MPa AT 28 DAYS, UNLESS OTHERWISE STATED.
3. CONCRETE TO BE PNEUMATICALLY PLACED PREFERABLY IN A SINGLE UNINTERRUPTED OPERATION. SHOULD A BREAKDOWN OF PLANT OCCUR THE CONSULTING ENGINEERS MUST BE NOTIFIED IMMEDIATELY.

CONCOURSE

ONLY OPEN TYPE OR GLASS PANEL FENCING TO 1.2m HIGH MAY BE SUPPORTED OFF CONCOURSE AS DESIGNED. ALL FENCING TO BE IN ACCORDANCE WITH A.S. 1926.1-2007, AS 1926.2-1995 AND THE ERECTION OR ALTERATION TO BE THE RESPONSIBILITY OF THE APPLICANT. THE FENCING IS PART OF THE APPLICATION.

EMPTYING POOL

POOL TO BE EQUIPPED WITH HYDROSTATIC PRESSURE RELIEF VALVE TO SAFEGUARD AGAINST EXTERNAL WATER PRESSURE WHEN POOL IS EMPTY. DESPITE THIS PROVISION THE APPROVAL OF CRYSTAL POOLS PTY LTD MUST BE OBTAINED BEFORE EMPTYING POOL.

DIVING

THIS POOL IS NOT DESIGNED FOR DIVING.

LEVELS FOR COUNCIL APPROVAL

DATUM: FFL of House Downstairs

TOP OF FINISHED POOL RELATIVE TO DATUM 600 BELOW

HEIGHT ABOVE EXISTING	A	+150	RL	-----
GROUND LEVEL AT	B	+1300	RL	-----
	C	+1300	RL	-----
	D	+150	RL	-----

PROPOSED SWIMMING POOL
FOR: Mikael & Nicole Dahlgren
AT: 10 Dobroyd Rd, Balgowlah, NSW 2093

REV.	DATE	AMENDMENT	DRAWN
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Builder Licence No: 34505

DATE
16.05.2011

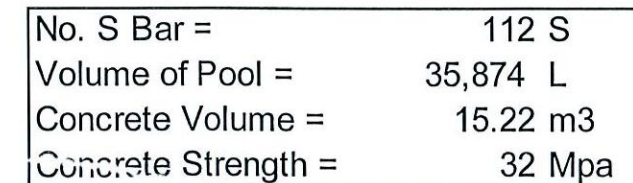
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FILTER	- CP 360S
PUMP	- CTX360
HEATER	- DELUXE HEATING PROVISION
CLEANING	- JET-VAC + AUTO TIMER
CHEMICAL CONTROLLER	- 7T + RC1A ACID DOSER
CIRCULATION	- 2 x RTP'S
LIGHTS	- 3 x UNDERWATER LIGHTS
FILTER BOX	-
POOL COVER	- SERIES 8 + ROLLER



NOTE: EVEN BEARING ASSUMED THROUGHOUT UNLESS NOTED OTHERWISE. ANY VARIATION CHECK WITH ENGINEER.

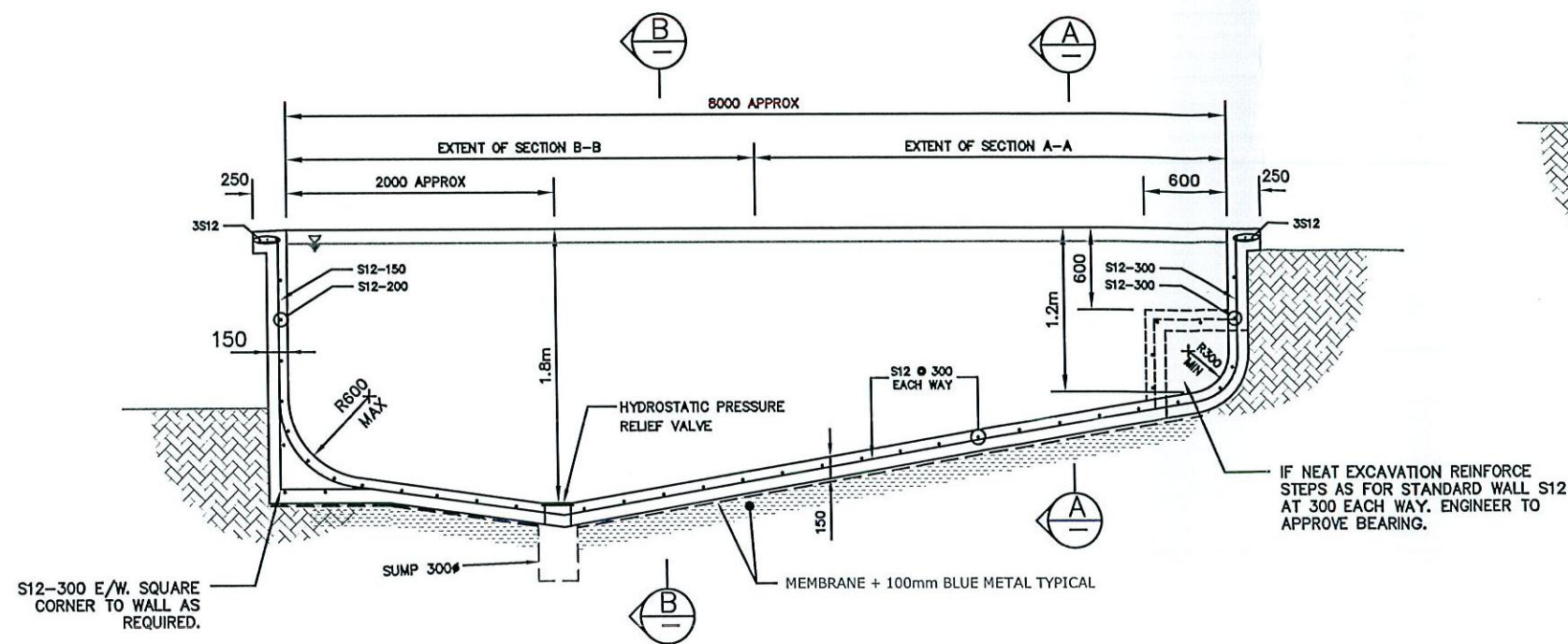
DATUM: <u>FFL of House Downstairs</u>				
TOP OF POOL STRUCTURAL RELATIVE TO DATUM: <u>600 BELOW</u>				
<u>ALLOW 30mm FOR PAVER</u>				
TOP OF POOL STRUCTURE RELATIVE TO APPROX. NATURAL GROUND LEVELS	A	+150	RL	-----
	B	+1300	RL	-----
	C	+1300	RL	-----
	D	+150	RL	-----



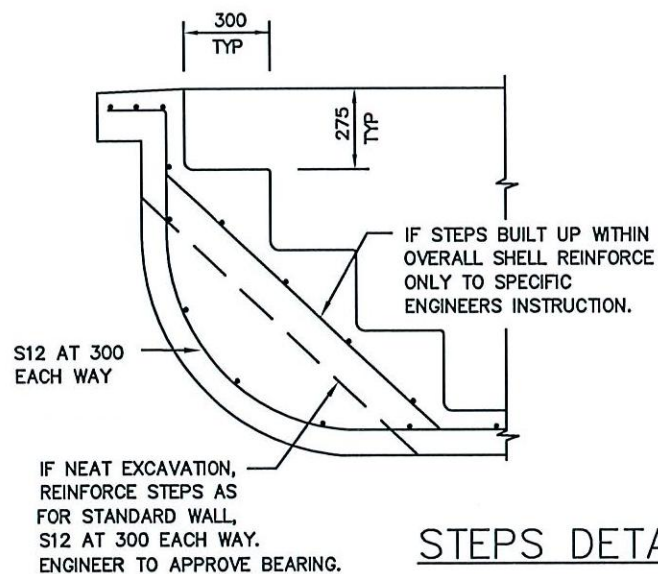
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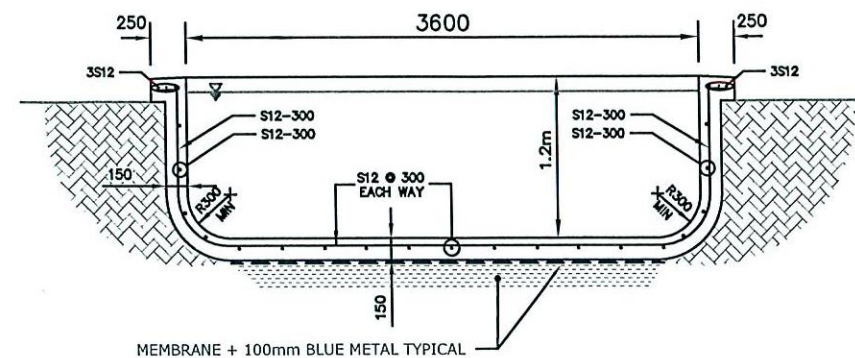
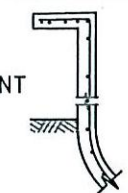


LONGITUDINAL SECTION SCALE: 1:50

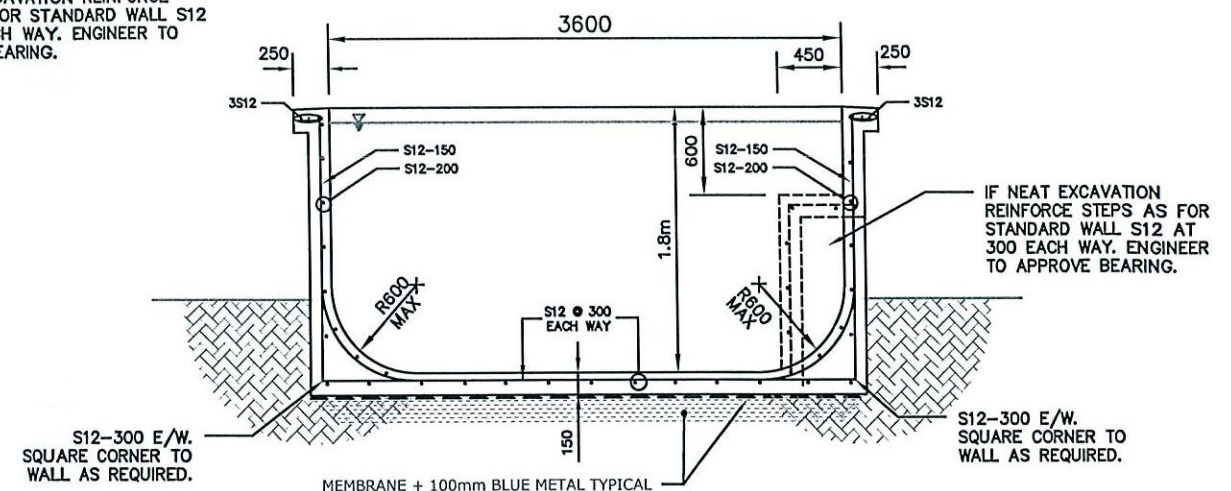


STEPS DETAIL

NOTE:
FOR COPINGS OF WIDTH GREATER THAN 300mm
NOTE THAT POSITION OF THE HORIZONTAL REINFORCEMENT
CHANGES TO THE OUTSIDE OF THE VERTICAL
REINFORCEMENT



SECTION A-A SCALE: 1:50



SECTION B-B SCALE: 1:50

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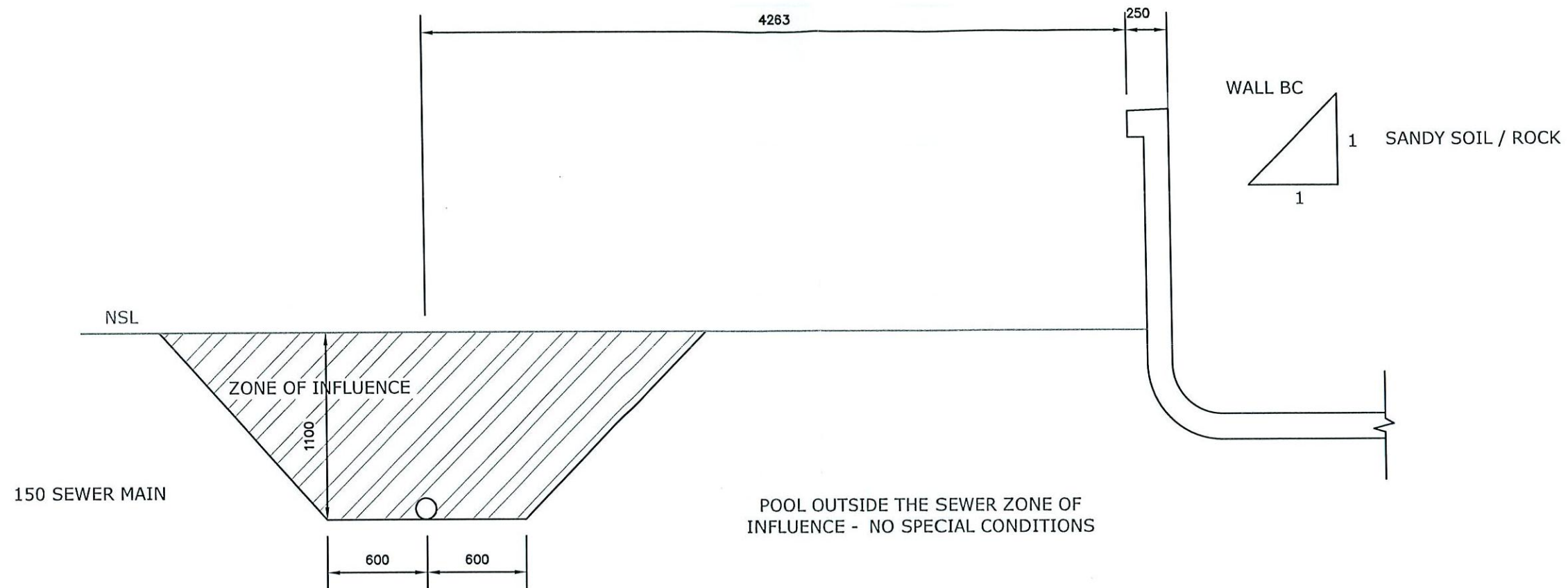
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SEWER ZONE OF INFLUENCE (Scale 1:30)

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