

SWIMMING POOL NOTES:

GENERAL

- G1. SETTING OUT DIMENSIONS OR MEMBER SIZES SHALL NOT BE SCALED FROM THE DRAWINGS.
G2. THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT BUT NOT FORM PART OF THE CONTRACT.
G3. THESE DRAWINGS ARE PREPARED WITH LIMITED SITE – KNOWLEDGE ANY UNFORESEEN SITE CONDITIONS THAT MAY EFFECT THE DESIGN MUST IMMEDIATELY BE NOTIFIED TO THE ENGINEER.
G4. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORD– ANCE WITH THE RELEVANT CODES AND ORDINANCES.
G5. POOL SHELL IS NOT DESIGNED FOR SURCHARGE LOADING FROM OTHER STRUCTURES.
G6. WALKWAYS AND COPINGS ARE NOT DESIGNED TO SUPPORT MASONRY WALLS UNLESS NOTED OTHERWISE.
G7. THE POOL IS NOT DESIGNED AS A DIVING BOWL.
G8. POOL MUST NOT BE EMPTIED UNTIL ALL EXTERNAL– GROUND WATER HAS BEEN REMOVED FROM BASE & WALLS.
G9. POOL SAFETY FENCE IS TO BE COMPLY WITH AS 1926 AND TO BE COUNCIL APPROVED PRIOR TO THE POOL BEING FILLED.
G10– UPON COMPLETION OF CONCRETING THE HYDROSTATIC VALVE IS TO BE CLEANED AND CHECKED TO ENSURE CORRECT OPERATION.
G11. WALL THICKNESSES SHOWN HAVE NO NEGATIVE TOLERANCES
G12. POOL CONSTRUCTION SHALL CONFORM TO AS2783
G13. BUILDER, PLEASE NOTE THAT RECORDS MUST BE KEPT AS OUTLINED IN CLAUSE 6.4 OF AS2783
G14. ALL DESIGN DETAILS COMPLY WITH AS1170, AS3600, AS2783 CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS3600.
C2. ALL CONCRETE SHALL BE GRADE 32(MPa) WITH A MAX. AGGREGATE SIZE OF 10mm AND A MAXIMUM SLUMP OF 80mm, GRADE 40(MPa) WHERE POOL LOCATED IN TIDAL OR SPLASH ZONE OF SALT WATER.
C3. CONCRETE SHALL BE PLACED PNEUMATICALLY AND TO BE CURED FOR A MINIMUM OF 7 DAYS BY KEEPING ALL EXPOSED SURFACES WET WITH WATER.
C4. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS SHOWN IN TABLE 16.3 OF AS2783 MIN. 50mm TO WATER FACE.
C5. SIZE OF CONCRETE DO NOT INCLUDE APPLIED FINISHES.
C6. CONSTRUCTION JOINTS LOCATED TO THE APPROVAL OF THE ENGINEER.
C7. IN NO CASE, POOL CONCRETE BODY BE IN DIRECT CONTACT WITH ANY EXISTING STRUCTURE ELEMENTS. A JOINT OF 10MM THICK BITUMINOUS FILLER TO BE PROVIDED.
C8. NO CONCRETE SHALL BE PLACED UNTIL THE ENGINEER HAS INSPECTED AND APPROVED THE PLACED REINFORCEMENT.
C9. CALCIUM CHLORIDE SHALL NOT BE USED AS AN ADMIXTURE
C10. NO INTERNAL FINISHES SHALL BE APPLIED FOR AT LEAST 28 DAYS AFTER SPRAYING OF THE CONCRETE SHELL.

FOUNDATION

- F1. REQUIRED MINIMUM SAFE BEARING CAPACITY OF– FOUNDATION MATERIAL SHALL BE AT LEAST 150 Kpa AT THE UNDERSIDE OF THE POOL.
F2. FOUNDATION MATERIAL TO BE APPROVED BY THE ENGINEER FOR SAFE BEARING CAPACITY BEFORE SHELL–CONSTRUCTION.
F3. POOL DESIGN IS SUITABLE FOR SITE CLASSED A, S, OR M AS PER AS2870. OTHERWISE ENGINEER SHALL BE NOTIFIED.
F4. EXCAVATIONS SHALL BE KEPT FREE OF WATER, IF BEARING SURFACE DETERIORATES, ALL LOOSE, SOFT MATERIAL SHALL BE CLEANED OUT BEFORE CONCRETE IS POURED.

REINFORCEMENT

- R1. ALL REINFORCEMENT SHALL COMPLY WITH AS1302. AND AS 1304.
R2. REINFORCEMENT TO BE SUPPORTED ON APPROVED CHAIRS SPACED AT 1000mm MAXIMUM.
R3. MIN.LAP FOR S12 BARS 500mm UNLESS NOTED OTHERWISE.
R4. REINFORCEMENT IS REPRESENTED DIAGRAMMATIC. IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.

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NOTE:

THIS DRAWING DOES NOT FORM ANY PART OF POOL CONTRACT.

LEGEND:

DE – DEEP END
SE – SHALLOW END
HRV – HYDROSTATIC RELIEF VALVE
ST – STEPS S – SKIMMER BOX
B – BEACH AREA LT – LIGHT
RTP – RETURN TO POOL LINE
SL – SWIMOUT LEDGE
W.D. – WATER DEPTH
S.S. – SOLAR SUCTION
S.R. – SOLAR RETURN

TITLE	POOL PLAN			
SCALE	AS NOTED	ISSUE	DATE:	REVISION
DATE	01/08/19	C	13/08/19	Pool fence location revised.
DRAWN	M. M.	B	08/08/19	Pool's equipment location revised.
SHEET	S1 OF 4	A	01/08/19	



freedom pools

There is a difference.
P: 1300 763 761
www.freedompools.com.au

PROJECT:

PROPOSED CONCRETE POOL

AT: 19 WATERVIEW STREET

MONA VALE NSW

FOR: MR. GILBERT PONLOT

M & M POOLS DESIGN

Consulting Structural and Civil Engineering

MOHEB MESHREKY

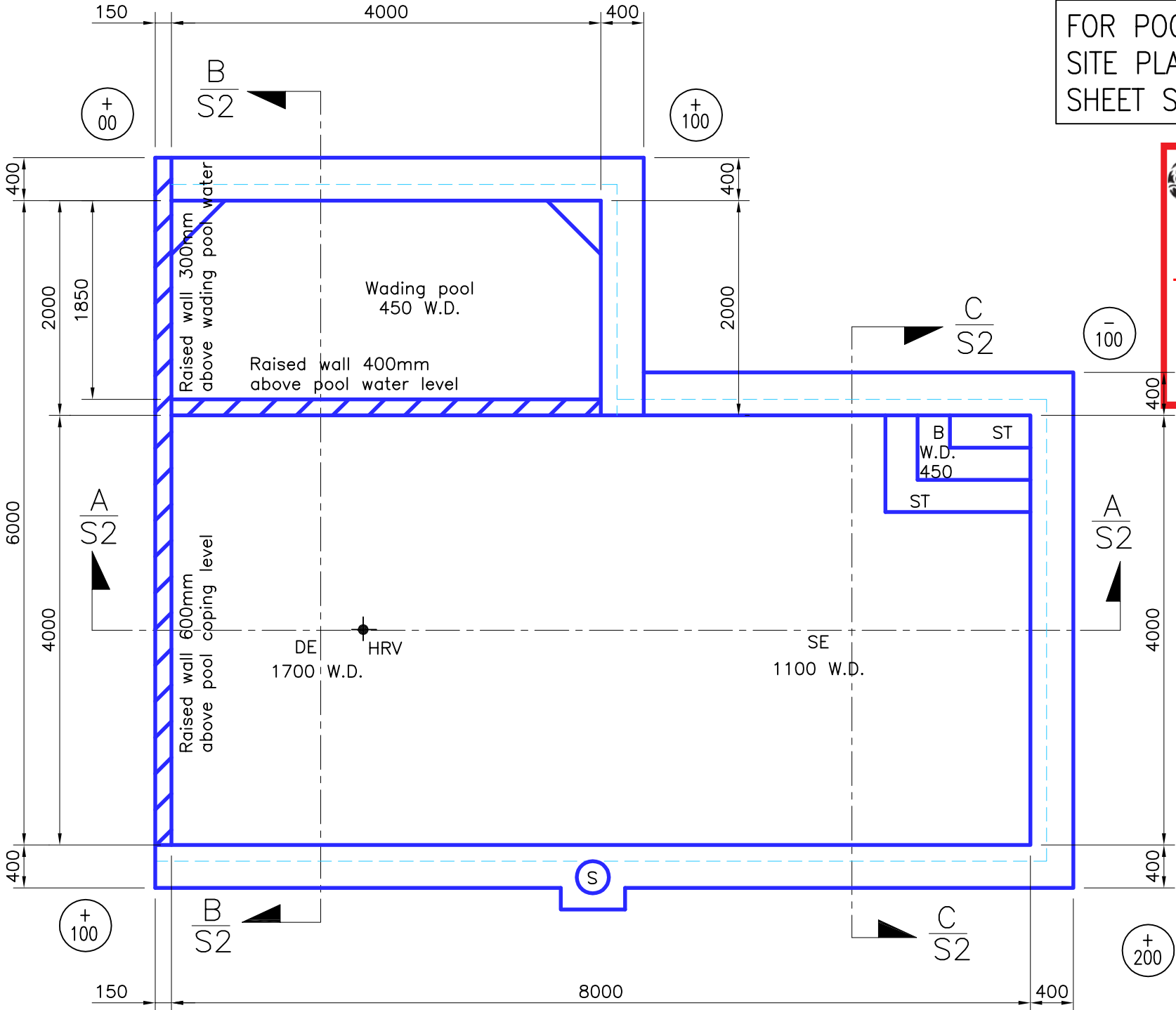
MIEAust, CPEng. NER 146130
54 BLUE BELL CCT., KELLYVILLE 2155
MOB: 0414 622518

APPROVED:



JOB NO.

FP 14–19



POOL PLAN 1:50 @A3

LEVELS SHOWN INDICATE FINISHED STRUCTURAL LEVEL
ABOVE  OR BELOW  EXISTING GROUND LEVELS

FOR POOL LOCATION &
SITE PLAN REFER TO
SHEET S–2



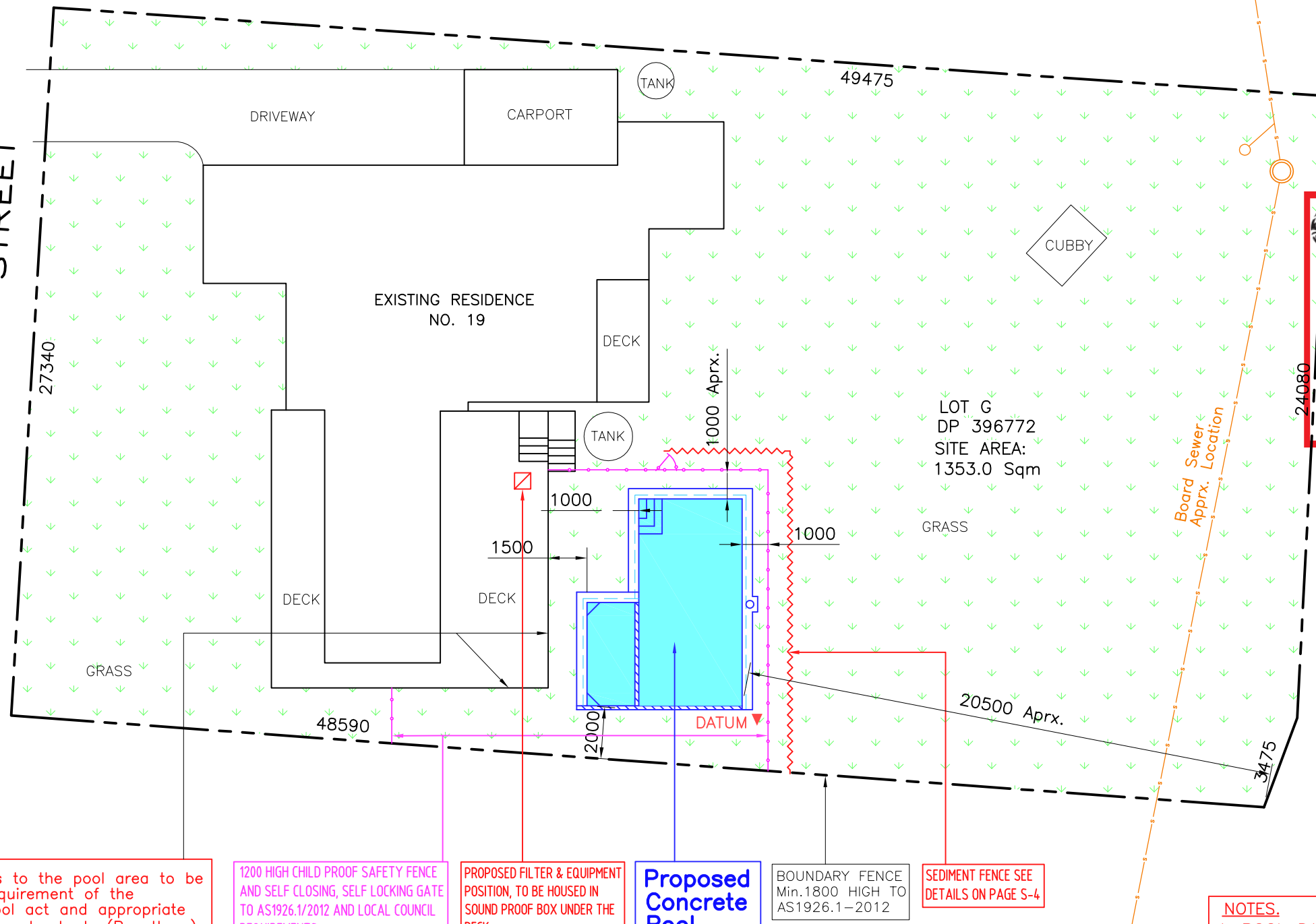
THIS PLAN IS TO BE READ IN
CONJUNCTION WITH
THE CONDITIONS OF DEVELOPMENT
CONSENT

DA2019/0922

*POOL WATER CAPACITY
IS 46,000 LITRES.
*POOL IS SUBJECT TO
BASIX.



WATERVIEW STREET



northern beaches council

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT

DA2019/0922

Any openings to the pool area to be sealed to requirement of the swimming pool act and appropriate local authority standards (By others)

1200 HIGH CHILD PROOF SAFETY FENCE AND SELF CLOSING, SELF LOCKING GATE TO AS1926.1/2012 AND LOCAL COUNCIL REQUIREMENTS

PROPOSED FILTER & EQUIPMENT POSITION, TO BE HOUSED IN SOUND PROOF BOX UNDER THE DECK.

Proposed Concrete Pool

BOUNDARY FENCE Min.1800 HIGH TO AS1926.1-2012

SEDIMENT FENCE SEE DETAILS ON PAGE S-4

- NOTES.**
- 1-POL DATUM: EXISTING GROUND LEVEL AT DEEP END AREA OF THE POOL.
 - 2-TOP OF CONCRETE POOL COPING LEVEL TO BE LEVEL WITH THE DATUM.
 - 3-ALL FENCES AROUND THE POOL TO COMPLY WITH AS1926.1, 2012 THE SWIMMING POOL ACT AND COUNCIL REQUIREMENTS.
 - 4-NO OBJECTS ARE TO BE WITHIN THE 900MM NON-CLIMABLE ZONE OF THE POOL FENCE
 - 5-THE PROPOSED POOL TO COMPLY WITH THE SWIMMING POOL ACT AND REGULATIONS.

POOL SITE PLAN SCALE 1:200 @A3

LANDSCAPE CALCULATION:	
SITE AREA	1353.00 Sqm
EXISTING BUILDINGS	277.60 Sqm
DRIVEWAY & CARPORT	76.00 Sqm
PROPOSED POOL/COPING	50.26 Sqm
TOTAL COVERED AREA	403.26 Sqm
LANDSCAPE AREA	949.74 Sqm
LANDSCAPE RATIO	70.19 %

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