



1. POOL TO BE FOUNDED ON CONSISTANT STRATA WITH CONSISTANT SAFE BEARING CAPACITY OF 150kPa.
2. REINFORCEMENT TO BE S12@300 BOTH WAYS UND.
3. PROVIDE 700mm LAPS TO ALL BARS

1. ALL DIMENSIONS LOCATING POOL ON SITE ARE TO WATER FACE.
2. WRITTEN DIMENSIONS TO BE TAKEN IN PREFERENCE SCALE.
3. ENGINEER TO BE ADVISED IF EXCAVATION IS IN FILL OR IF ROCK OR EXCESSIVE GROUND WATER IS ENCOUNTERED.
4. SUPPORTING FOUNDATION MATERIAL TO BE STABLE ROCK OF UNIFORM SAFE BEARING CAPACITY OF 1000 kPa. SEEK ENGINEER'S APPROVAL PRIOR TO PLACING REINFORCEMENT.
5. WHERE IT IS CONSIDERED THAT GROUND WATER CAN BUILT UP TO A LEVEL 500mm ABOVE THE FLOOR OF THE EXCAVATION ADEQUATE DRAINAGE SHALL BE PROVIDED UNDER THE POOL FLOOR.
6. CONCRETE TO HAVE A MINIMUM DESIGN STRENGTH OF $f_c = 32\text{MPa}$ AT 28 DAYS. CONCRETE TO BE PNEUMATICALLY APPLIED.
7. UPON COMPLETION OF CONCRETE THE HYDROSTATIC VALVE IS TO BE CHECKED TO ENSURE EFFECTIVE AND SUFFICIENT OPERATION.
8. ALL REINFORCEMENT TO BE FIRMLY SUPPORTED BY BAR CHAIRS.
9. REINFORCEMENT TO BE AS NOTED.
10. CLEAR CONCRETE COVER TO REINFORCEMENT IS TO BE AS FOLLOWS:
FORMED FACE OF INSITU CONCRETE: 40mm
EXPOSED FACE OF PNEUMATICALLY APPLIED CONCRETE: 50mm
CONCRETE PLACED IN CONTACT WITH GROUND :60mm
11. ALL BARS SHOULD BE SPLICED 40 BAR DIAMETERS MINIMUM.
12. SPLICES IN BOND BEAM BARS SHALL BE STAGGED.

1. PLUMBING IS TO BE IN ACCORDANCE WITH WRITTEN RECOMMENDATIONS OF FILTER MANUFACTURER.
2. WALKWAYS ARE NOT DESIGNED TO SUPPORT MASONRY WALLS UNLESS NOTED OTHERWISE.
3. DESIGN LIVE LOAD FOR WALKWAYS AND CONCOURSE: 3.0 kPa.

1. THE DESIGN ENGINEER MUST BE CONTACTED TO INSPECT & APPROVE ALL STRUCTURAL ELEMENTS, (INCLUDING SLAB REINFORCEMENT) SHOWN ON THIS DRAWING, BEFORE BEING COVERED BY THE NEXT STAGE CONSTRUCTION.
2. CERTIFICATION IS DEPENDENT ON THE ABOVE CONDITIONS.
3. SWIMMING POOL CONCRETE GRADE TO BE 32MPa AND PNEUMATICALLY APPLIED.

1. ALL FENCES AND SELF CLOSING AND LATCHING GATES TO BE OPERATING PRIOR TO POOL BEING FILLED WITH WATER.
2. CONCRETE POOL SHELL TO BE WETTED DOWN TWICE DAILY FOR SEVEN DAYS.
3. VERIFY ALL POOL SET-OUT LEVELS & DIMENSIONS BEFORE EXCAVATION.
4. UNDERWATER LIGHTS MUST NOT BE TURNED ON WHEN POOL EMPT.



LOCATION TO BE CONFIRMED
BY BUILDER AND ENGINEER

SKIMMER BOX DETAIL



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