

Legend

- Boundary
- Existing Spot Heights
- Paving
- Existing Tree

IDENTIFY & MARK THE LOCATION OF ALL ABOVE & BELOW GROUND SERVICES PRIOR TO COMMENCING ANY WORK. TAKE ALL REQUIRED PRECAUTIONS TO PREVENT DAMAGE TO SERVICES

- BM: BLD 42.12 (AHD)
The Pool Concrete Structure Will Be 930mm Above The BM (RL 43.05)
- Sound Proof Filter Box

POOL OVERFLOW TO BE PUMPED TO SEWER TO COUNCIL'S & SYDNEY WATER'S REQUIREMENTS

NOTE- FENCE LOCATIONS HAVE NOT BEEN DETERMINED IN RELATION TO BOUNDARIES

SITE CALCULATIONS

SITE - 693.9m ²	
PROPOSED SITE COVERAGE	
Residence -	106.8m ²
Entry -	12.5m ²
Driveway -	116.0m ²
Timber Pergola Plastic Roof -	25.9m ²
Paved Areas -	88.2m ²
Proposed Pool -	28.0m ²
Proposed Balance Tank -	4.8m ²
Proposed Pool Coping -	5.7m ²

PROPOSED OPEN SPACE
(Not including Driveway, Including Pool)
435.3m² (62.7% of Site Area)

PROPOSED SOFT OPEN SPACE
262.7m² (60.3% of Open Space)

These plans relate to Development

Consent No. 391/08(596)

The plans are NOT for construction.

SITE PLAN

SCALE 1:200

AMENDED PLAN

AMEND A	14/11/08	Filter Relocated
AMEND B	17/11/08	Proposed Retaining Walls Removed
AMEND C	06/03/09	Pool moved 800mm towards Street
AMEND D	10/09/09	Pool Redesigned & Relocated

MANLY ROAD

Structural details only certified by:

BLUE HAVEN POOLS & SPAS PTY LTD

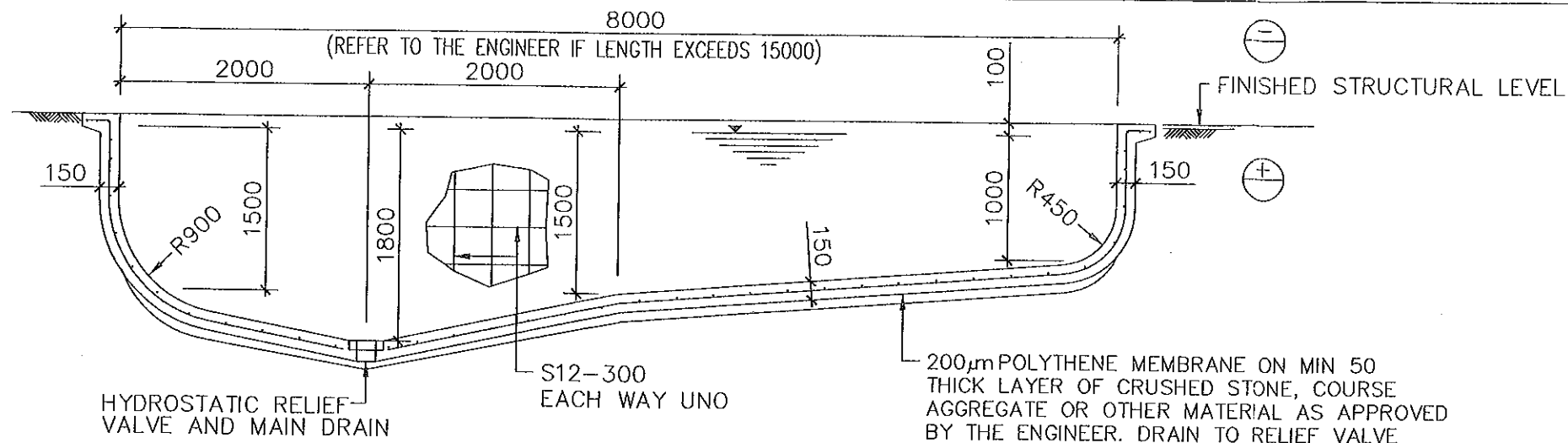
Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd
68 Hume Highway Lansvale NSW 2166
Telephone: (02) 9728 0444 Fax: (02) 9728 0455

ka Keighran and Associates Pty Ltd
Consulting Structural and Civil Engineers
ABN 25 003 832 291
APPROVED *[Signature]* DATE 14/10/08
BE (Hons), MEngSci, FIEAust, CPEng
Registered NPER 3719 (Structural & Civil)

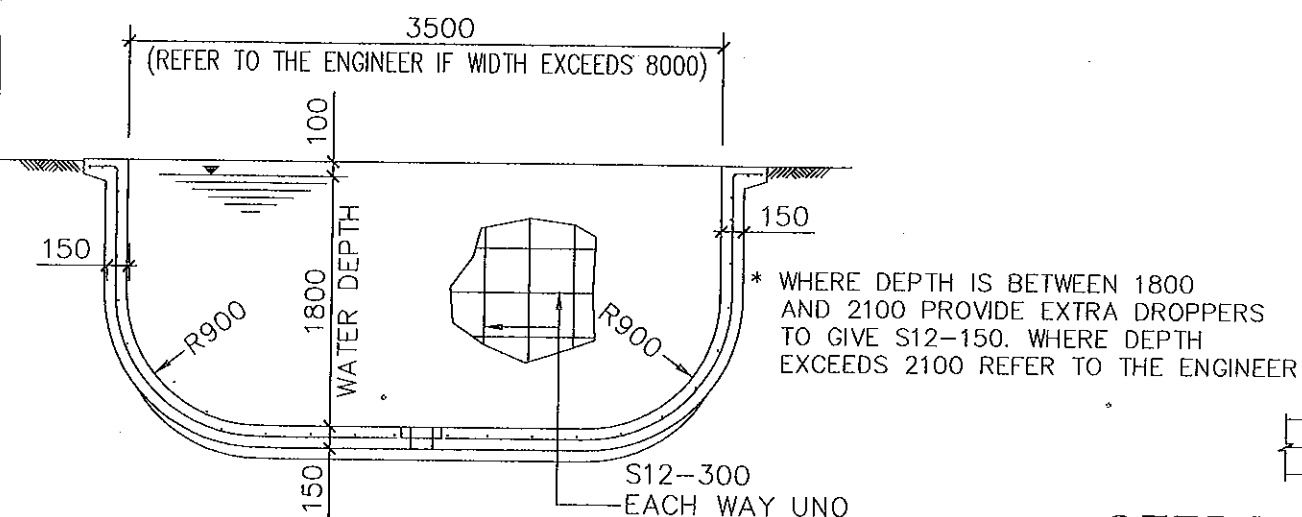


PROPOSED SWIMMING POOL STRUCTURAL DETAILS
FOR F Van Dyk
AT 13 Manly Road, SEAFORTH

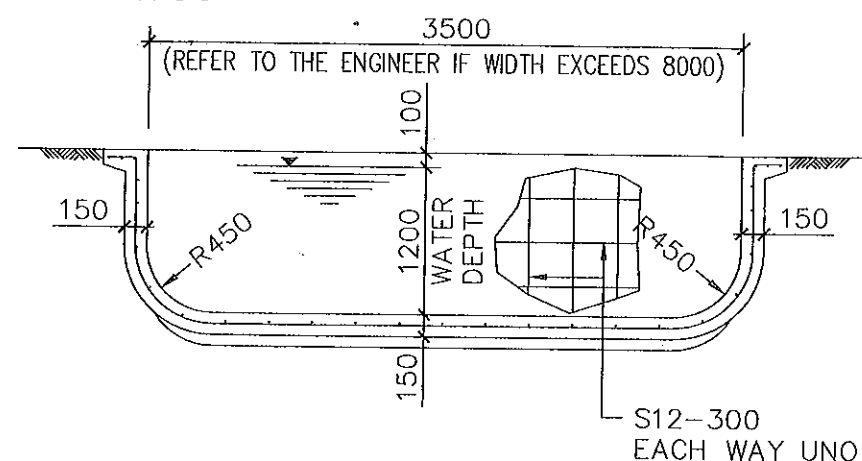
DATE: 14/10/08	SHEET 1 OF 7
DRAWN: OL-8135	
DRAWING/CONTRACT No. BHP 08L16374	



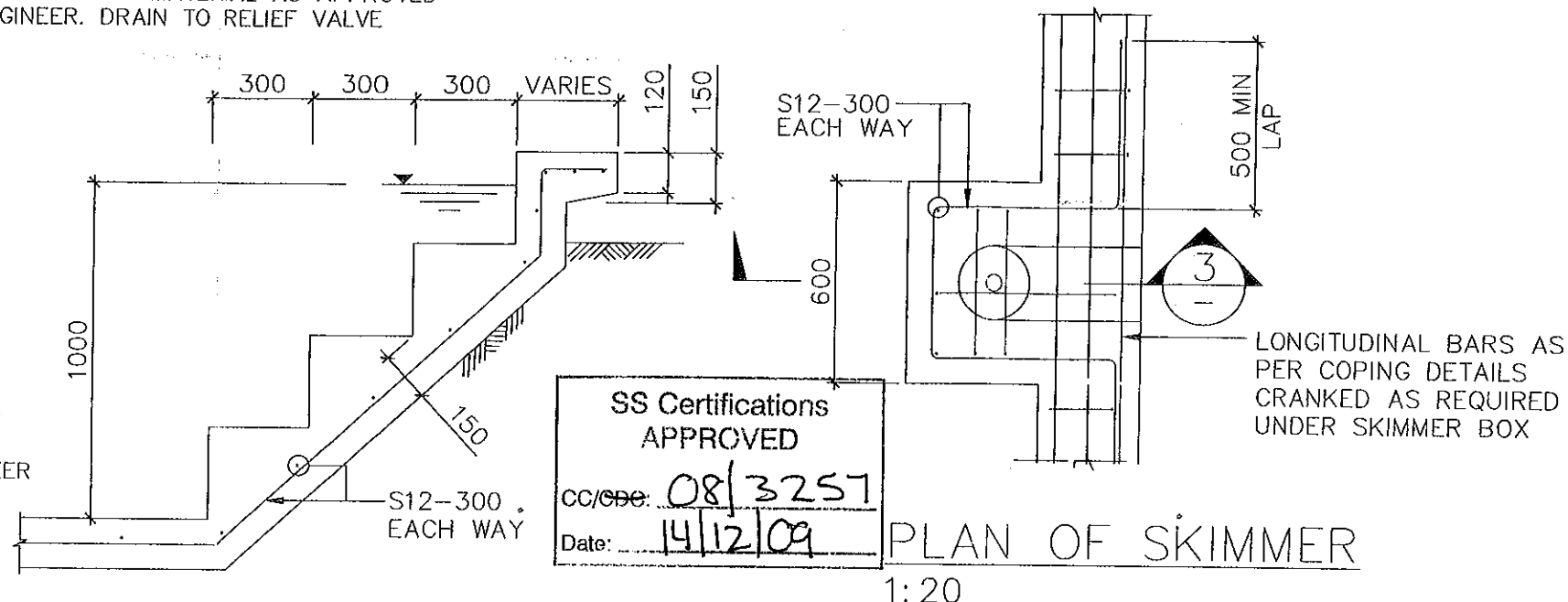
LONGITUDINAL SECTION
1:50



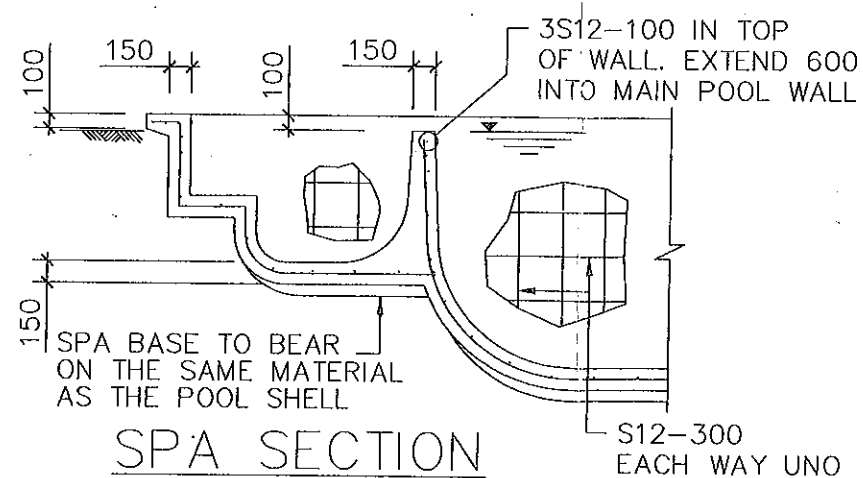
DEEP END SECTION
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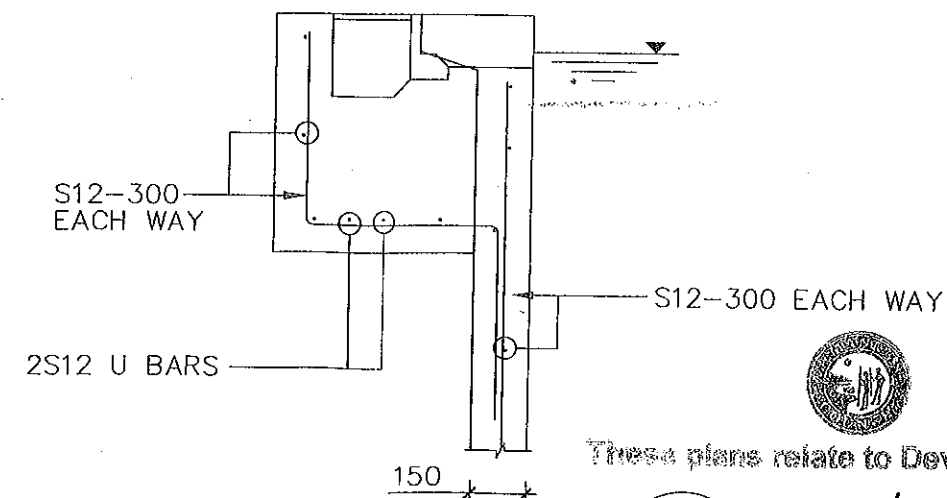
SHALLOW END SECTION
1:50



STEPS CAST AGAINST GROUND
1:20



SPA SECTION
1:50



SECTION
1:20

AMENDED PLAN

AMEND D 10/09/09

Pool Altered & Relocated

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PROPOSED SWIMMING POOL STRUCTURAL DETAILS

FOR F Van Dyk

AT 13 Manly Road, SEAFORTH

DATE: 14/10/08

DRAWN: OL-8135

SHEET 3 OF 7

DRAWING/CONTRACT No.
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GENERAL

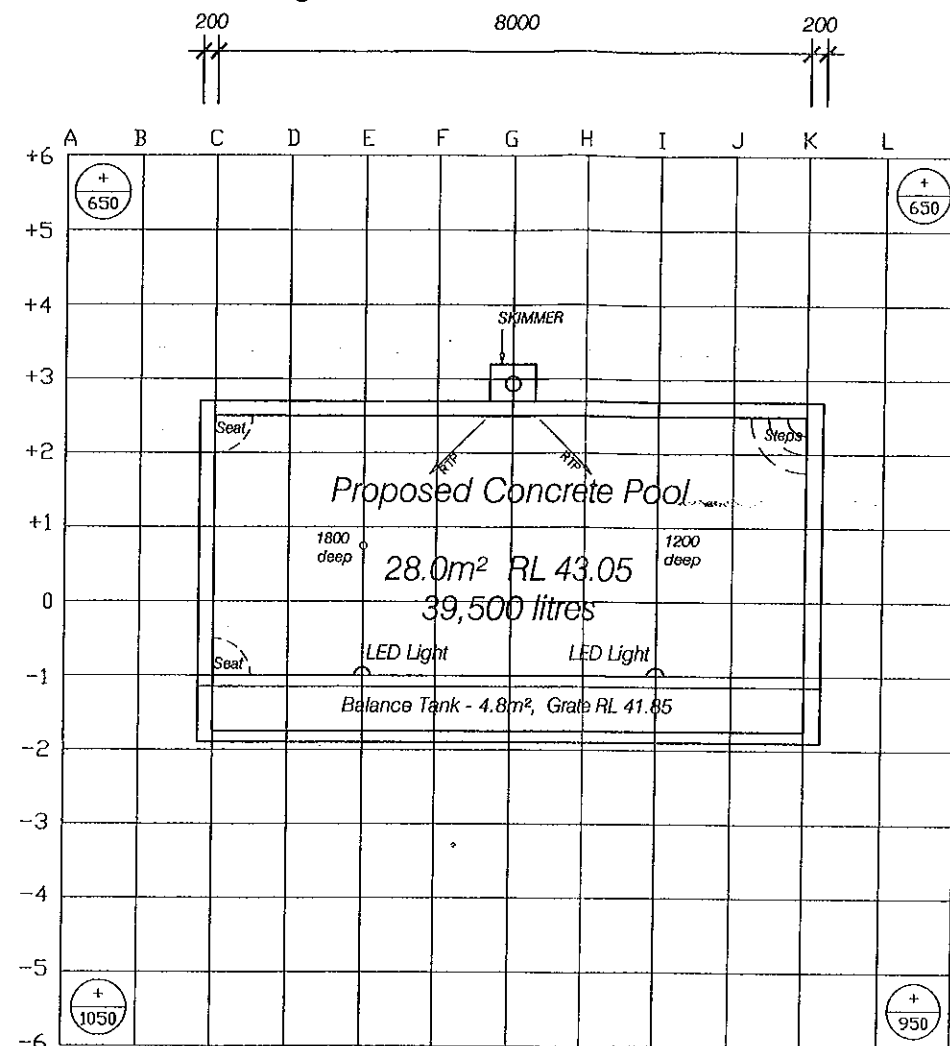
- G1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS2783 - 1992.
- G2 THE SETTING OUT DIMENSIONS SHALL BE CHECKED ON SITE PRIOR TO COMMENCING EXCAVATION.
- G3 ANY UNFORSEEN VARIATIONS TO THE ASSUMED SITE CONDITIONS SHALL BE REFERRED TO THE ENGINEER PRIOR TO PROCEEDING.
- G4 THE WALKWAYS AND COPINGS HAVE BEEN DESIGNED FOR A LIVE LOAD OF 4kPa.
- G5 THE ENGINEER SHALL BE NOTIFIED OF ANY PROPOSED VARIATION TO THIS PRIOR TO PLACING THE REINFORCEMENT.
- G6 PRIOR TO EMPTYING THE POOL, THE OWNER SHALL ENSURE THAT ALL EXTERNAL GROUNDWATER HAS BEEN REMOVED FROM THE BASE AND WALLS OF THE POOL.
- G7 THE ENGINEER SHALL BE NOTIFIED IF THE POOL IS OUT OF THE GROUND BY MORE THAN 900.

CONCRETE

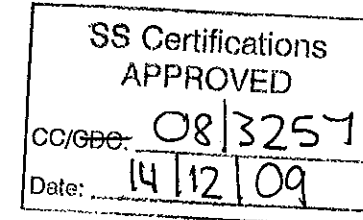
- C1 THE DETAILS PRESENTED ON THE FOLLOWING SHEETS COMPLY WITH THE REQUIREMENTS OF AS2783-1992.
- C2 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH AS3600.
- C3 ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH OF 25MPa AND HAVE A MAXIMUM AGGREGATE SIZE OF 10mm AND A MAXIMUM SLUMP OF 80mm UNLESS NOTED OTHERWISE.
- C4 WHERE THE POOL IS LOCATED WITHIN 1km OF LARGE EXPANSES OF SALT WATER THE CONCRETE SHELL SHALL HAVE A MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH OF 32MPa.
- C5 CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH AND MUST NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE APPROVAL OF THE ENGINEER, HOWEVER, THE RADIUS OR CONCRETE THICKNESS MAY BE INCREASED.
- C6 UNLESS OTHERWISE NOTED, CLEAR CONCRETE COVER SHALL BE IN ACCORDANCE WITH AS2783-1992.
- C7 CONCRETE COVER SHALL BE MAINTAINED BY THE USE OF APPROVED CHAIRS AT APPROXIMATELY 750 CROSS CENTRES.
- C8 ALL CONCRETE SHALL BE CURED BY THE OWNER FOR A MINIMUM OF 7 DAYS AFTER POURING BY KEEPING ALL EXPOSED SURFACES WET WITH WATER.
- C9 S NOTATION TO REINFORCEMENT DENOTES GRADE 230 DEFORMED BAR.
- C10 UNLESS OTHERWISE NOTED, ALL REINFORCEMENT LAPS SHALL BE A MINIMUM OF 500mm.
- C11 PROVIDE 10mm CONTROL JOINTS IN THE WALKWAY FINISH AT MAXIMUM 4000 CENTRES AND AT POINTS OF RE-ENTRANT CORNERS IN PLAN.
- C12 PROVIDE 10mm CONTROL JOINTS BETWEEN THE PERIMETER EDGE OF THE POOL AND ALL ABUTTING CONCRETE OR MASONRY FINISHES.

FOUNDATION

- F1 THE DESIGN OF THE POOL HAS BEEN BASED ON BEING SUPPORTED BY UNIFORM NATURAL GROUND WITH A MINIMUM SAFE BEARING VALUE OF 150kPa (UNLESS SHOWN AS SUSPENDED ON PIERS). THE BUILDER SHALL NOTIFY THE ENGINEER IF ANY OTHER GROUND CONDITIONS ARE ENCOUNTERED PRIOR TO COMPLETING THE EXCAVATION. THE BUILDER SHALL ALSO NOTIFY THE ENGINEER IF A CLASS 'H' OR 'E' SUBGRADE IS ENCOUNTERED.
- F2 THE EXCAVATION SHALL BE KEPT FREE OF WATER. ANY SOFTENED SUBGRADE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED GRANULAR FILL PRIOR TO PROCEEDING.
- F3 THE UNDERSIDE OF THE POOL SHALL BE SEPARATED FROM THE SUBGRADE WITH A 200µm POLYTHENE MEMBRANE OVER 50 CRUSHED STONE, COURSE AGGREGATE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
- F4 ANY PROPOSED EXCAVATIONS WHICH ARE TO BE WITHIN THE ZONE OF INFLUENCE OF AN EXISTING STRUCTURE SHALL BE REFERRED TO THE ENGINEER PRIOR TO COMMENCEMENT.



PROVIDE 2 LED LIGHTS



LEVELS SHOWN INDICATE FINISHED STRUCTURAL LEVEL
 (+) ABOVE (-) OR BELOW EXISTING GROUND LEVELS

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POOL PLAN

SCALE 1:100

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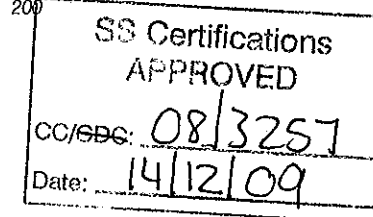
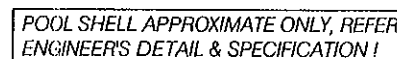
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Sectional Elevation Y
1 - 100 @ A3



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SECTIONAL ELEVATIONS

SCALE 1-100

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PROPOSED SWIMMING POOL
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SHEET 7 OF 7

DRAWING/CONTRACT No.

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