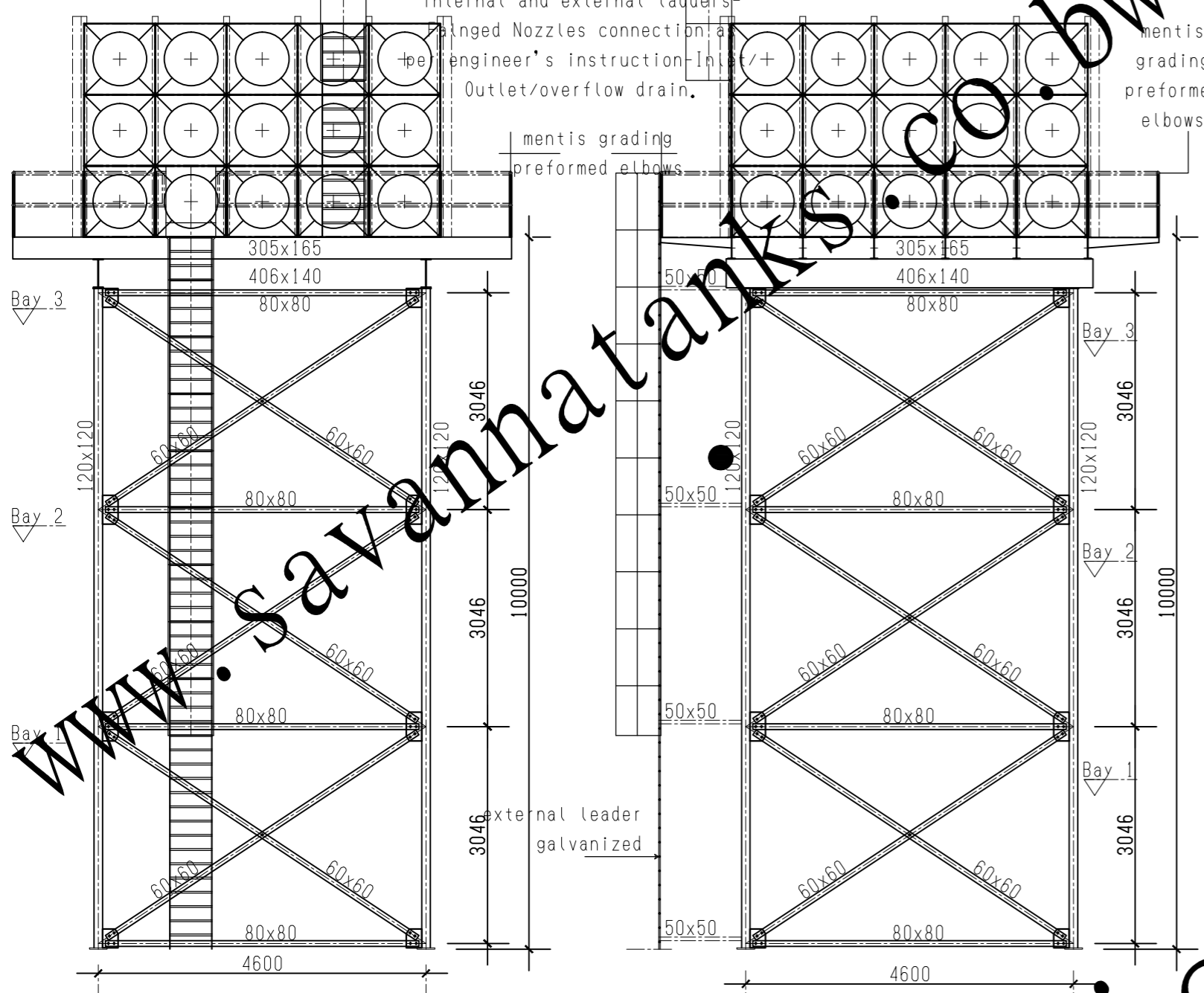


1. This drawing is a proposed drawing for discussion only

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for proper drawings with engineer certification



CONCRETE GRADES

THE FOLLOWING CONCRETE GRADES ARE TO BE ADOPTED FOR CONSTRUCTION.

- 1/ ALL MASS CONCRETE FILL AND BLINDING LAYERS GRADE 15MPa.
- 2/ ALL FOUNDATION SLABS GRADE 30MPa.
- 3/ ALL DWARF WALLS GRADE 30MPa.

GENERAL SPECIFICATION

NOTES ON FOUNDATION CONSTRUCTION

- 1/TOPSIDE OF RAFT TO BE 50MM ABOVE FINISHED GROUND LEVEL TO ALLOW FOR DRAINAGE.
- 2/ SOIL UNDER RAFT TO BE CAPABLE OF SUSTAINING A MIN. ALLOWABLE BEARING PRESSURE OF 100kPa WITHOUT FAILURE OR EXCESSIVE SETTLEMENT.
- 3/MAKE UP ANY OVER EXCAVATED AREAS TO UNDERSIDE OF RAFT FOUNDATION AND ASSOCIATED STRUCTURE WITH CEMENT STABILISED (5% BY WEIGHT) SELECTED INERT NON-EXPANSIVE MATERIAL, COMPACTED IN LAYERS NOT EXCEEDING 150mm.
- 4/ONLY OR 1/500 DEFLECTION ALLOWED

REINFORCED CONCRETE WORK

- 1/ALL UPSTAND BEAMS 200 WIDE
- 2/ALL EXPOSED CONCRETE TO HAVE SMOOTH OFF SHUTTER FINISH U.N.O.
- 3/ALL EXTERNAL CORNERS TO HAVE 30mm CHAMFERED FINISH.
- 4/ALL CONCRETE TO BE GRADE 30MPa.

NOTES ON REINFORCEMENT

- 1/COVER TO REINFORCEMENT
- 40mm COVER TO BASE SLAB
- 30mm COVER TO DWARF WALL/BREAM
- 2/ENGINEER TO INSPECT AND APPROVE FINAL STEEL FIX PRIOR TO CASTING CONCRETE.
- 3/ALL REINFORCEMENT STEEL TO COMPLY WITH BS4449, BS4482 & BS4483.
- 4/MINIMUM LAP LENGTH 50 x BAR DIAMETER U.N.O.

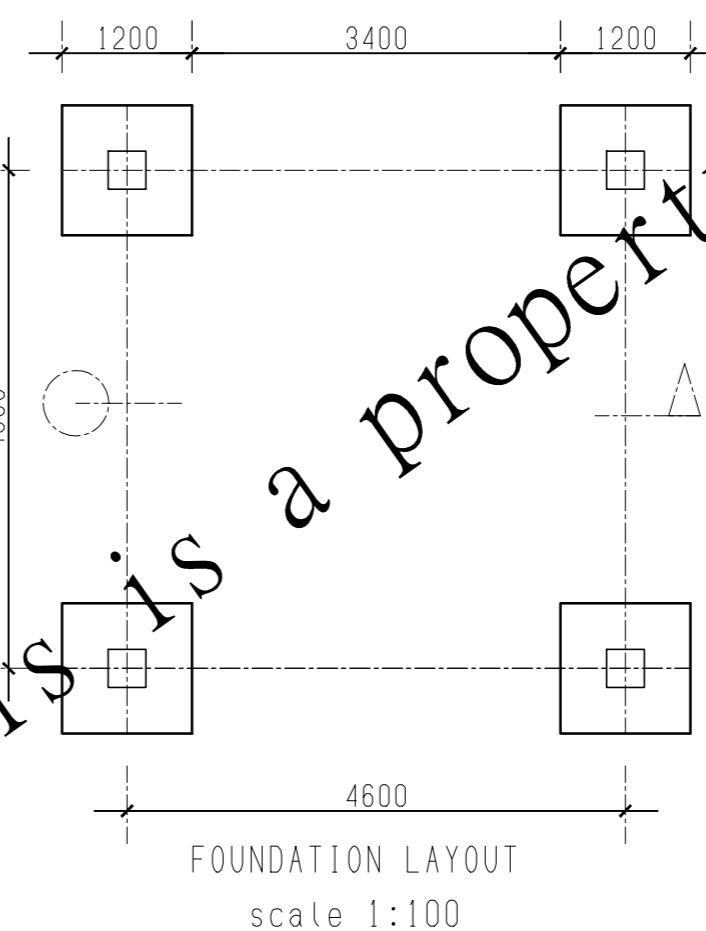
STRUCTURAL STEELWORK

- 1/ALL STEELWORK FOR CAST IN PLATES, SPRAGS, FLAT BAR ETC. TO BE IN ACCORDANCE WITH SABS 1431 GRADE 300WA OR SIMILAR APPROVED.
- 2/ALL WELDS TO BE MIN. 6mm CONTINUOUS FILLET U.N.O.
- 3/FABRICATION, WORKMANSHIP ETC. TO BE IN ACCORDANCE WITH SABS 1200M
- 4/ALL BOLTS TO SABS 1700 (ISO4016)

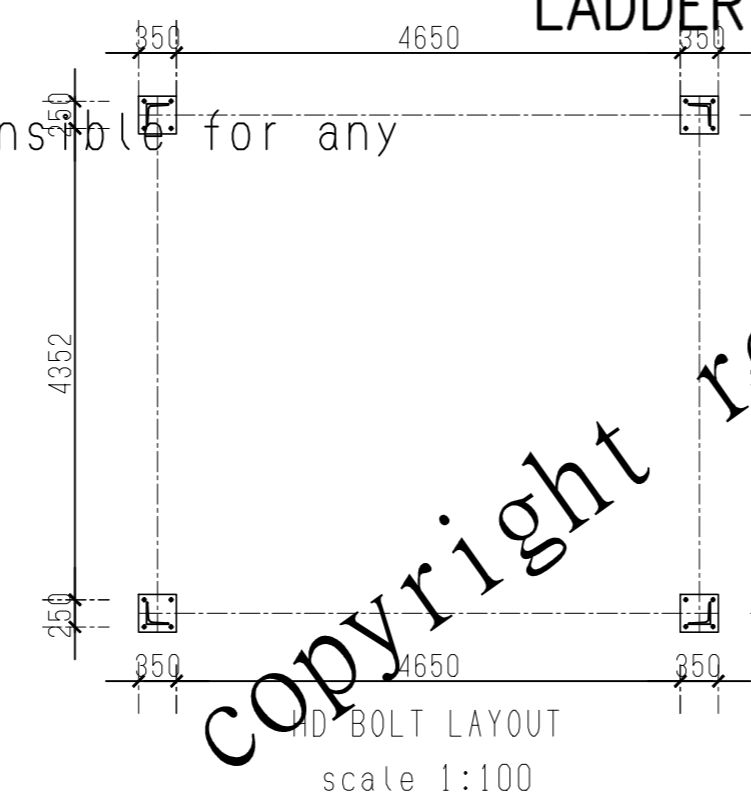
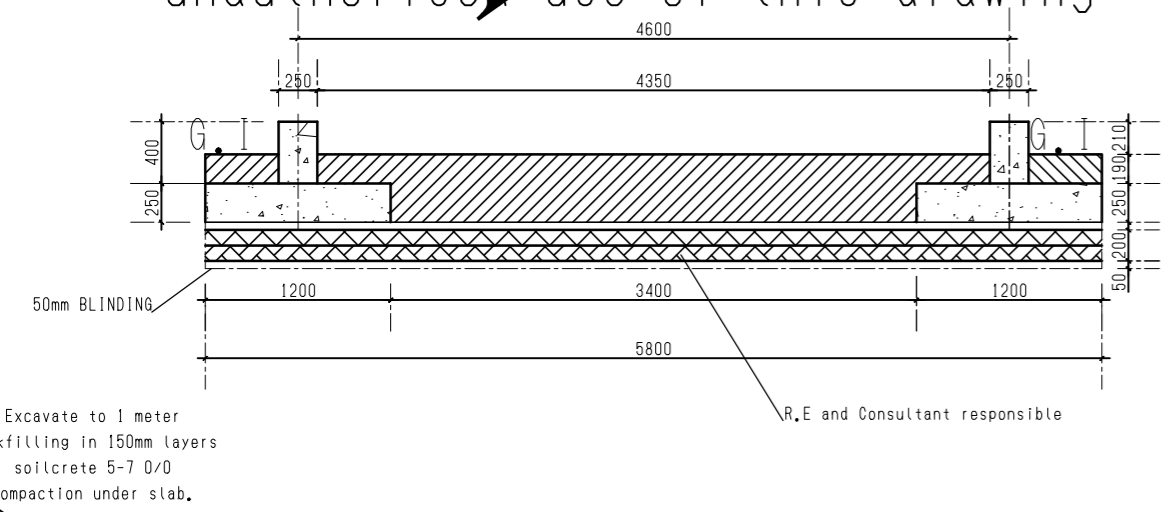
2. The drawing is subjected to change at any time

LADDER SUPPORT DETAIL

SCALE 1:50



3. Savanna Tanks not to be held responsible for any unauthorised use of this drawing



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CLIENT ;

Project Title

75KI GRP TANK ON 10M STAND

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REV

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(Ers. f.:)

(Ers. d.:)

Datum Name multi-view detail plan