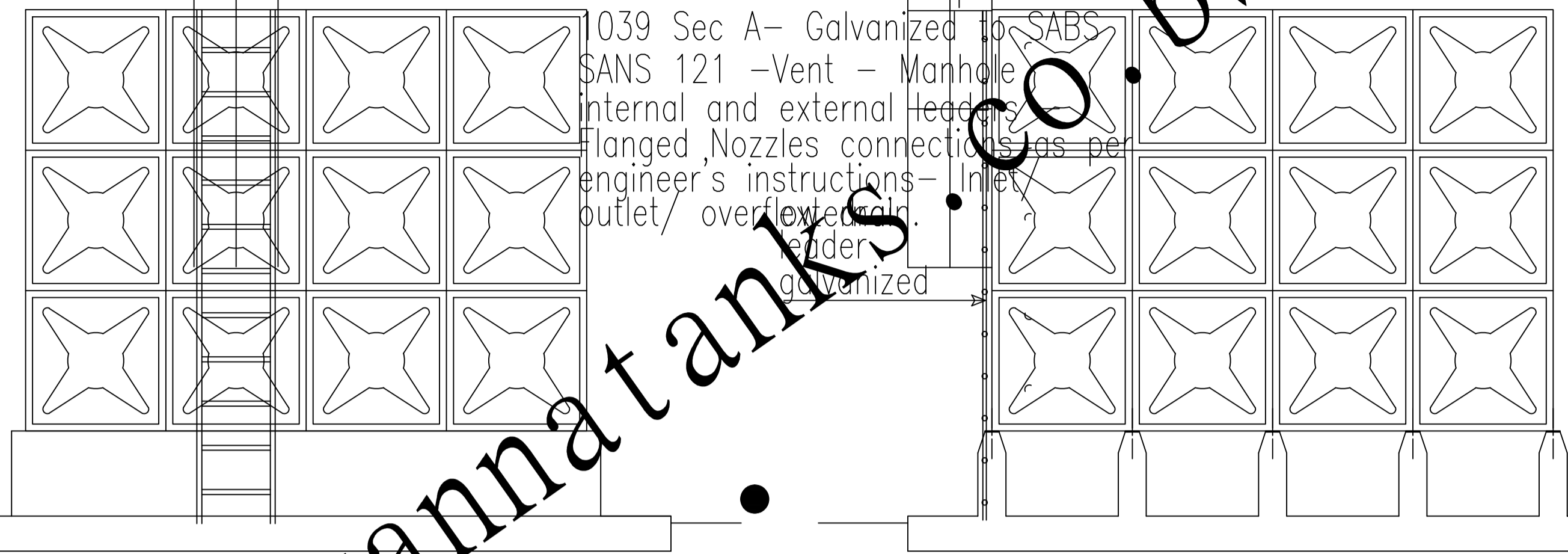


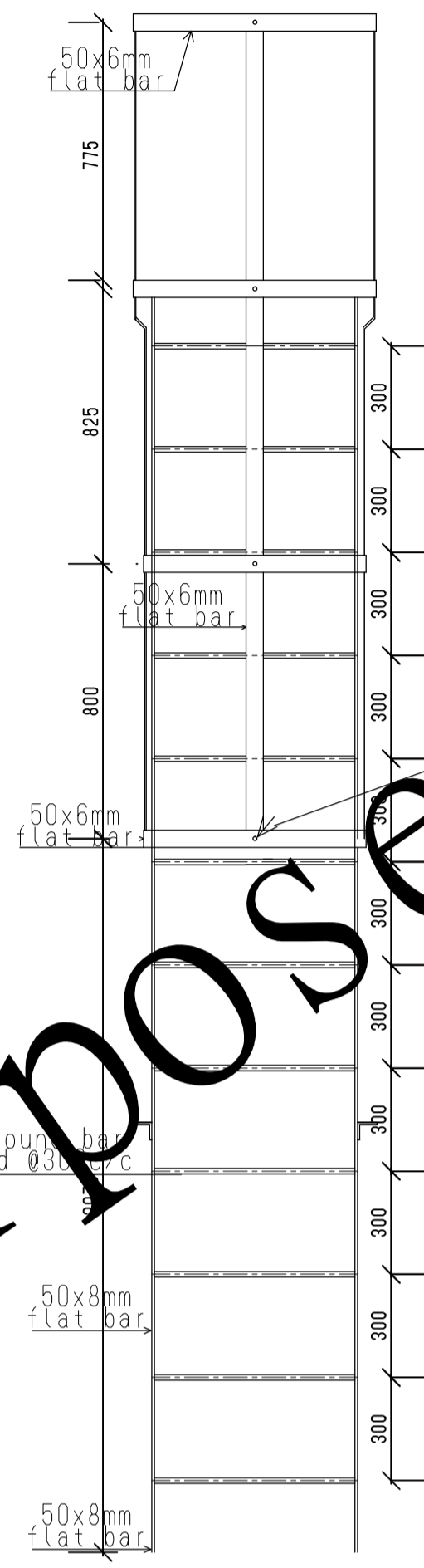
1. This drawing is a proposed drawing for discussion only

50KI Gs Panel Tank as per SABS
 SANS 1039 Sec A- Galvanized
 SANS 121 -Vent - Manhole
 internal and external leads
 Flanged Nozzles connections as per
 engineer's instructions - Inlet/
 outlet/ overflow tank.
 galvanized

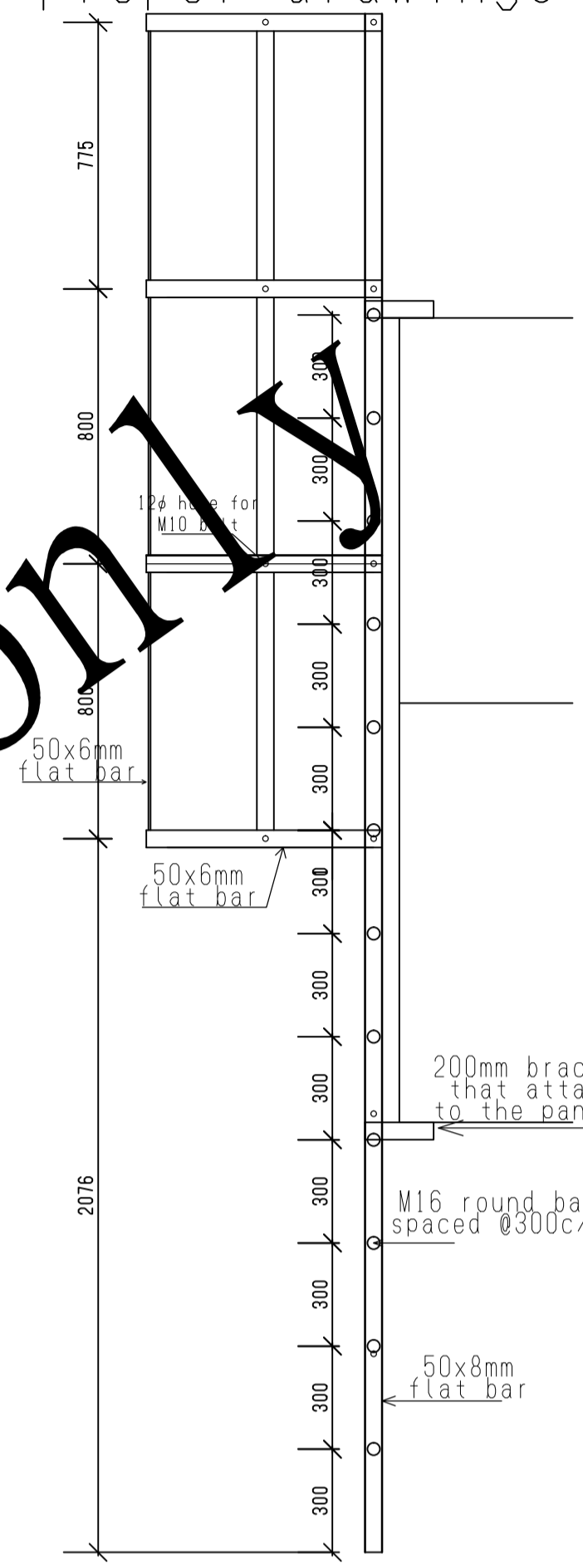


ELEVATION A
SCALE 1:50

ELEVATION B
SCALE 1:50



STEP LADDER
FRONT ELEVATION



STEP LADDER
SIDE ELEVATION

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 WIEGHT) 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/BELM

2/ ENGINEER TO INSPECT AND APPROVE FINAL STEEL FIX PRIOR TO CASTING CONCRETE.
 3/ ALL REINFORCEMENT STEEL TO COMPLY WITH BS4449, BS4482 & BS4483.

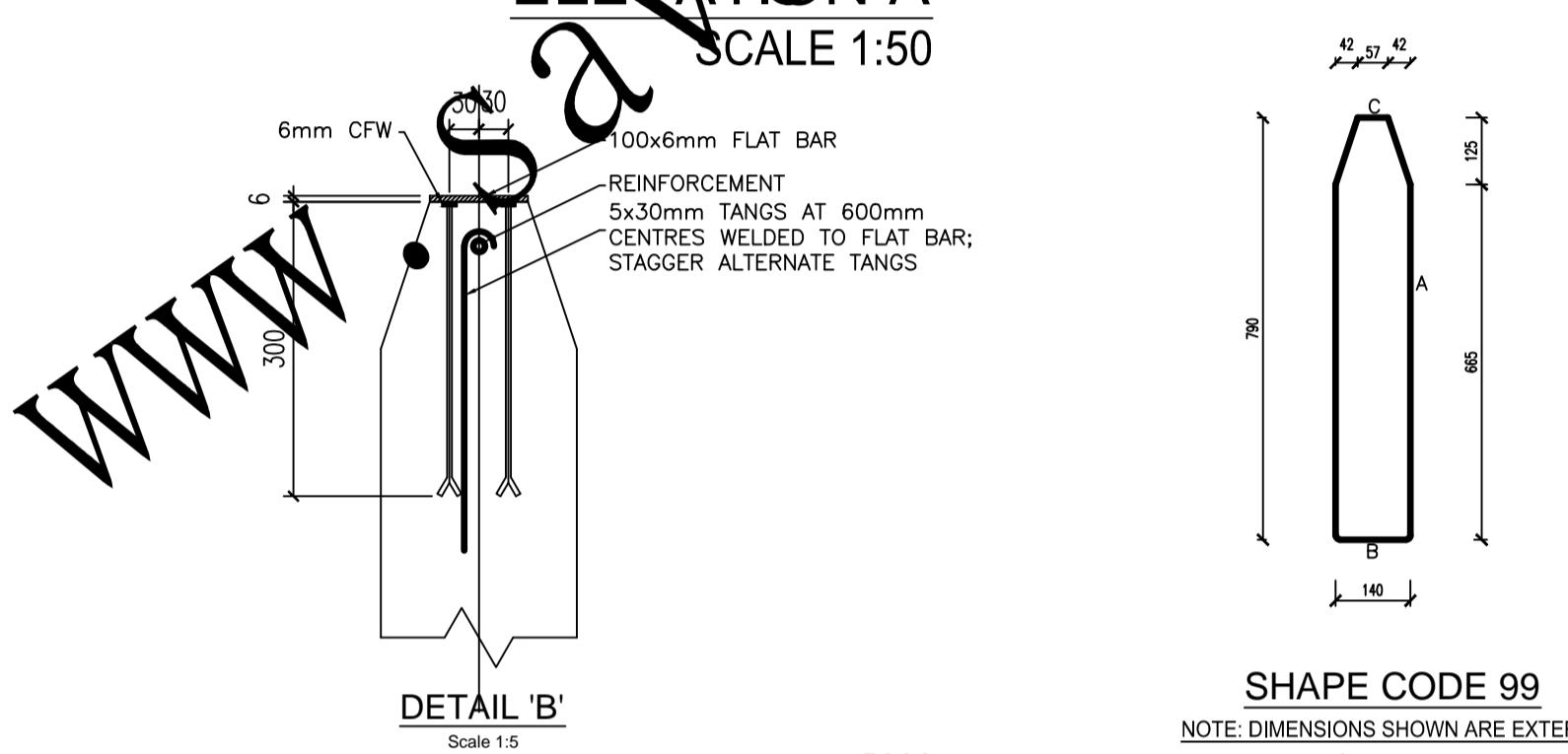
4/ MINIMUM LAP LENGTH 50 x BAR DIAMETER U.O.N.

STRUCTURAL STEELWORK
 1/ ALL STEELWORK FOR CAST IN PLATES, SPRAGS, FLAT BAR ETC. TO BE IN ACCORDANCE WITH SABS 1431 GRADE 300MA OR SIMILAR APPROVED.

2/ ALL WELDS TO BE MIN. 6mm CONTINUOUS FILLET U.N.O.

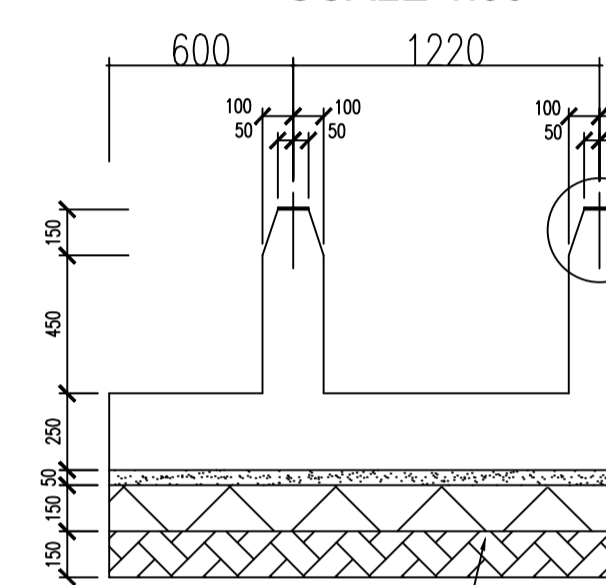
3/ FABRICATION, WORKMANSHIP ETC. TO BE IN ACCORDANCE WITH SABS 1200M

4/ ALL BOLTS TO SABS 1700 (ISO4016)



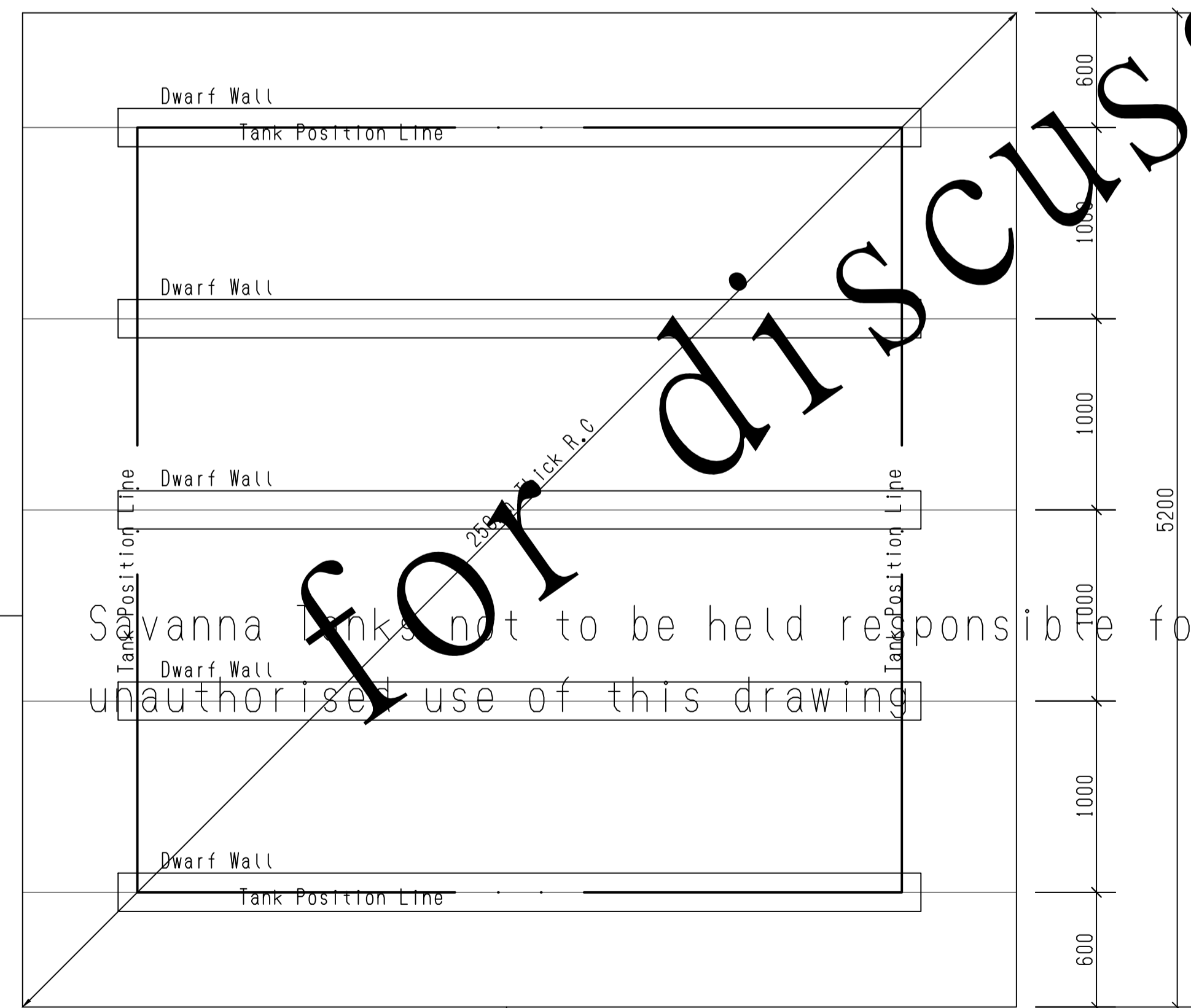
DETAIL 'B'
Scale 1:5

SHAPE CODE 99
NOTE: DIMENSIONS SHOWN ARE EXTERNAL
Scale 1:10



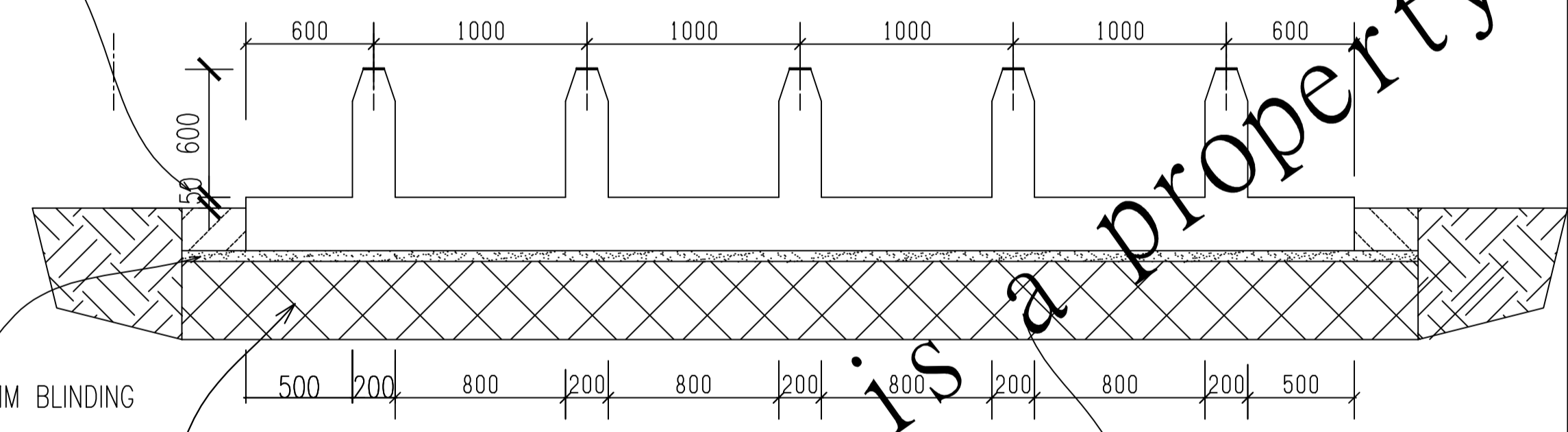
DETAIL 'A'
Scale 1:20

2. The drawing is subjected to change at any time



WATER TANK FOUNDATION LAYOUT
SCALE 1:50

TOP LEVEL OF FOUNDATION SLAB TO BE MIN. 50MM ABOVE GROUND LEVEL TO ALLOW FOR DRAINAGE



SECTION 1-1
SCALE 1:50

MIN. 100kPa UNIFORM ALLOWABLE BEARING PRESSURE TO BE ACHIEVED UNDER BASE SLAB. (TO BE CONFIRMED BY SITE GEOTECHNICAL INSPECTION & TO TAKE INTO ACCOUNT ANY UNDERLYING SOFT SOIL LAYERS).
 BACKFILL TO BE COMPACTED IN LAYERS NOT EXCEEDING 150MM

TO BE CONFIRMED BY ENGINEER

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

For discussion purpose only

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CLIENT ;

Project Title
50KI GROUND BASED STEEL TANK ON 6M STAND

Savanna Tanks™
 Water Solutions for Africa
 A DIVISION OF
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 VANCOUVER CONSOLIDATED INVESTMENTS
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REV
A

Datum Name multi-view detail plan (Ers. f.) (Ers. d.)