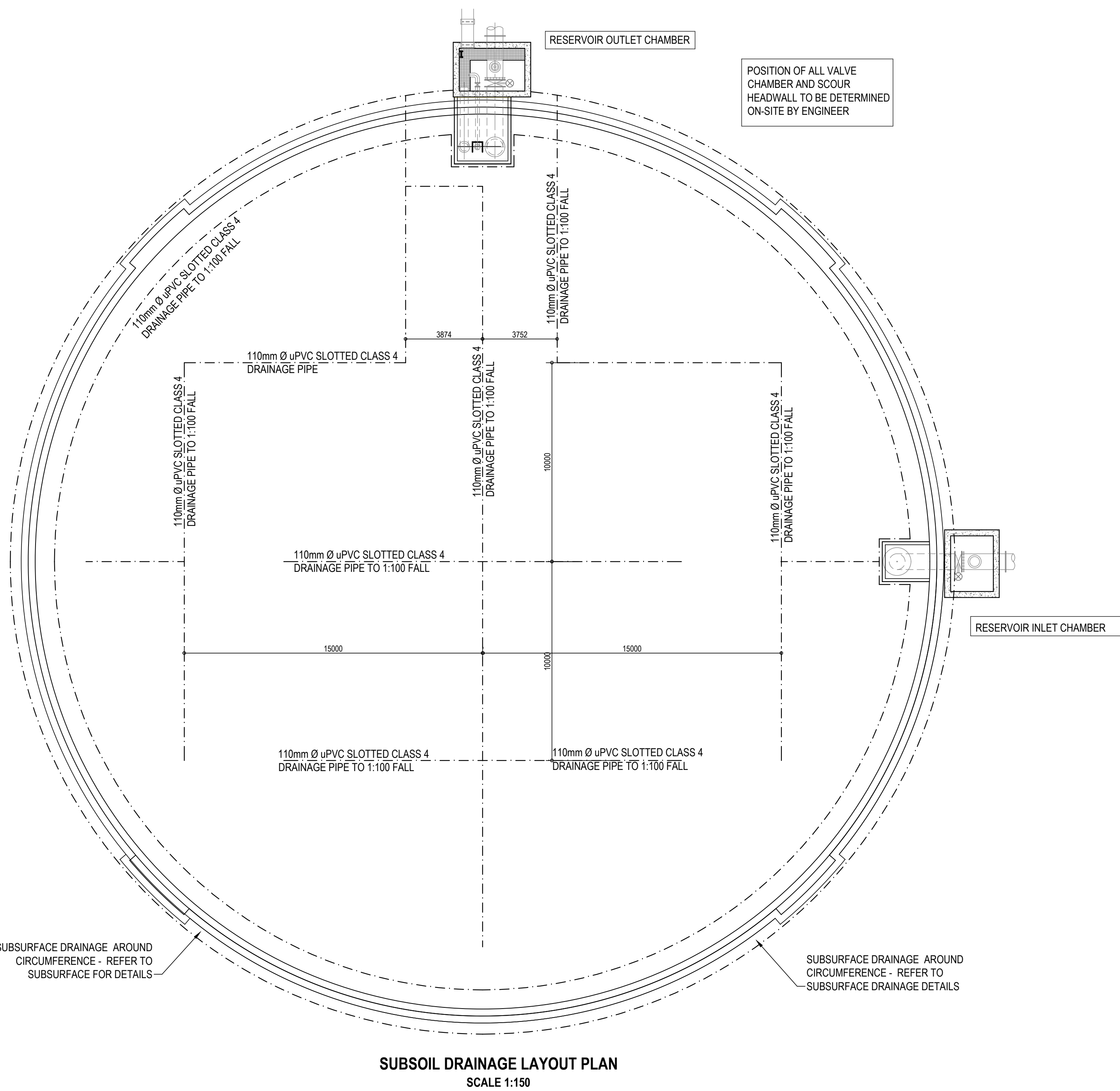
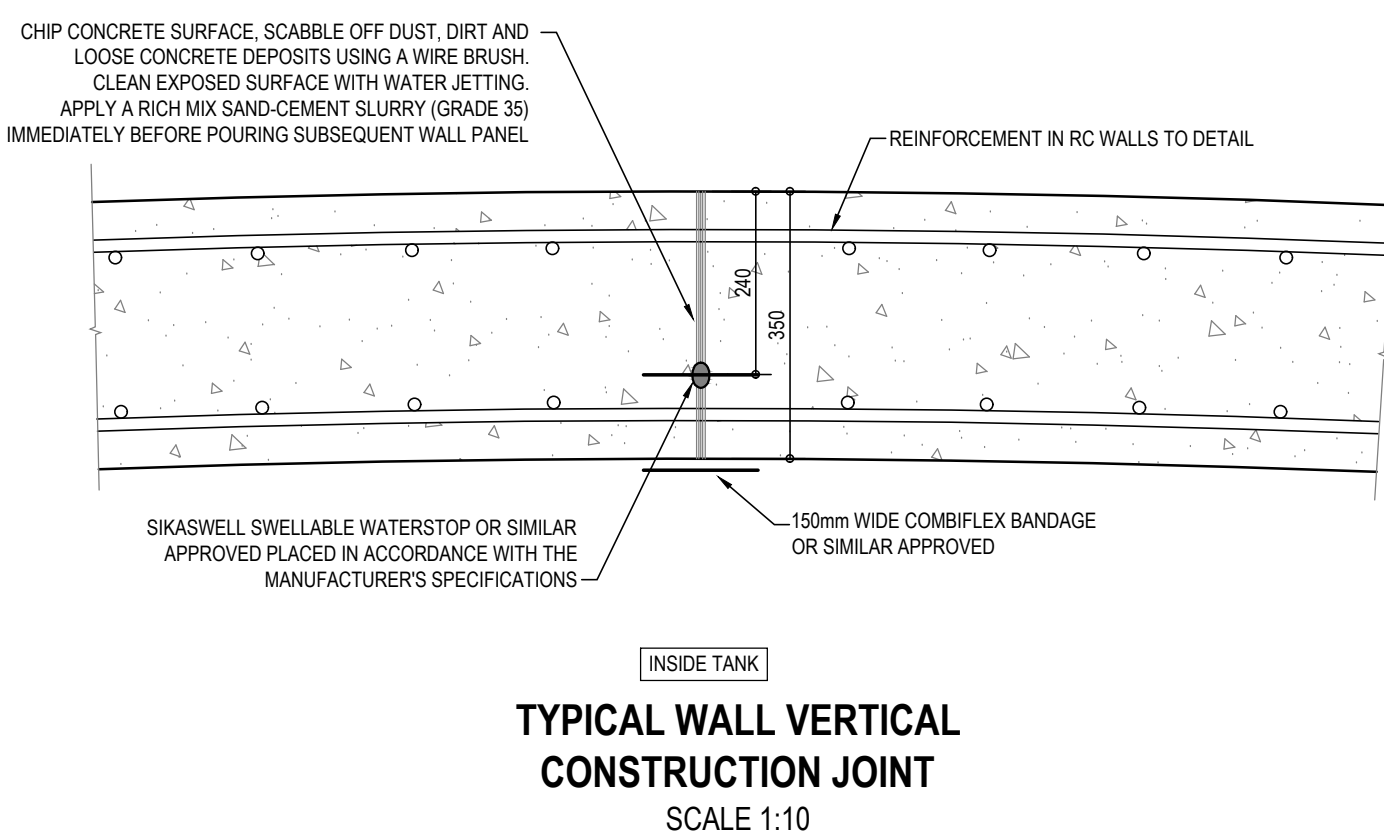
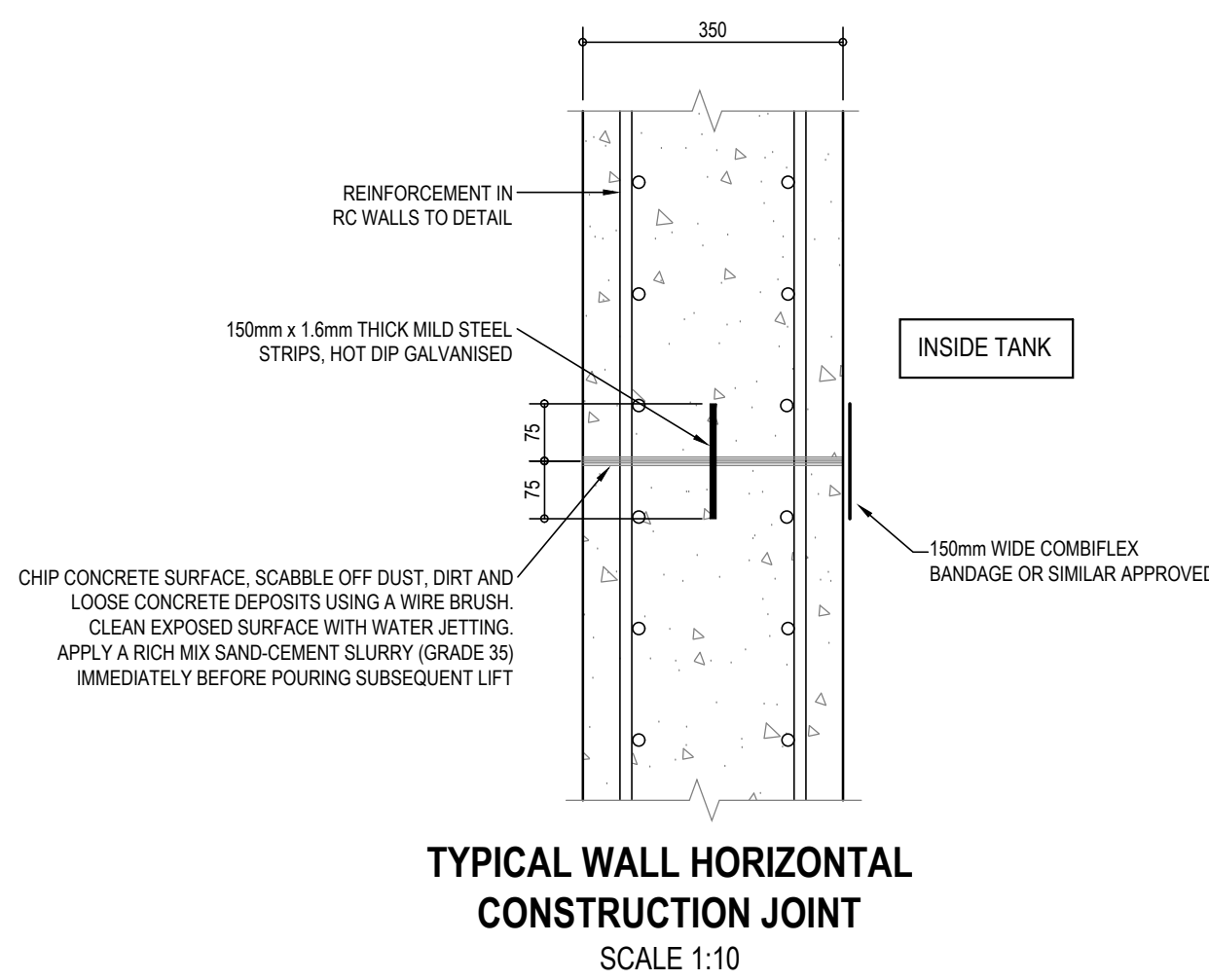
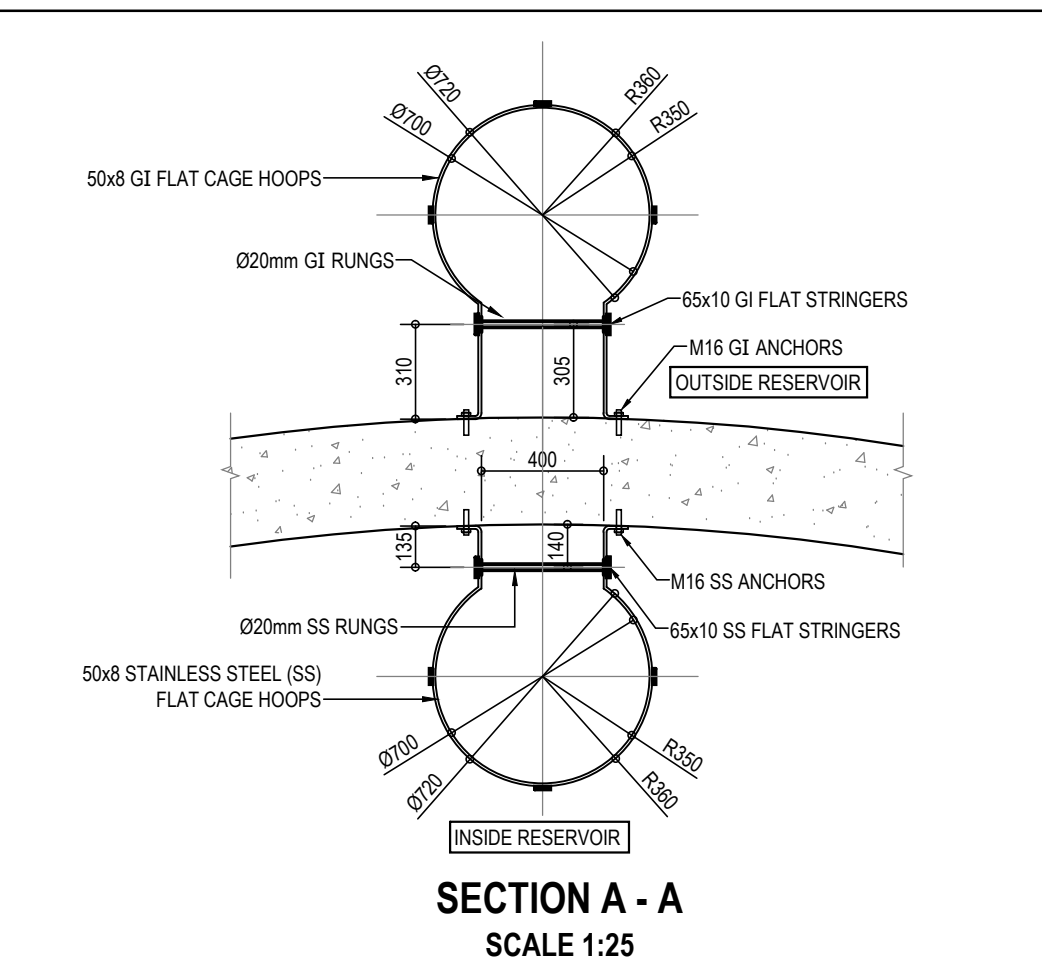
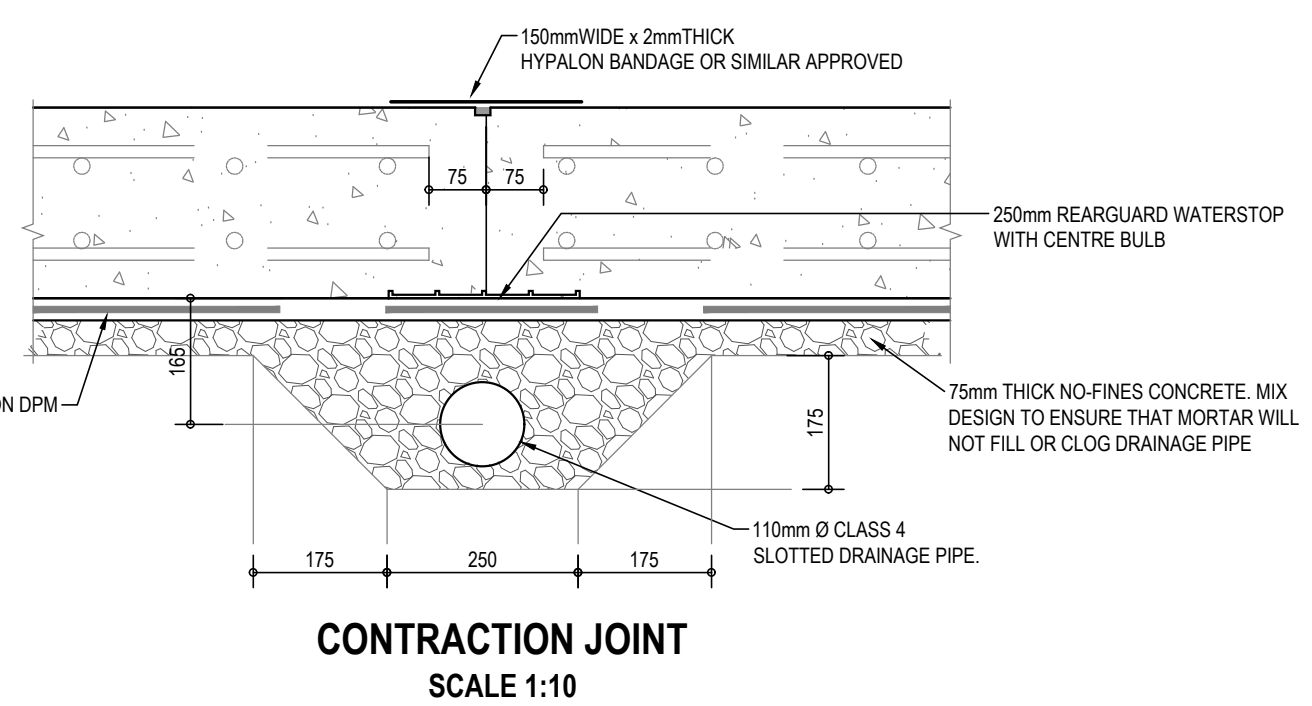
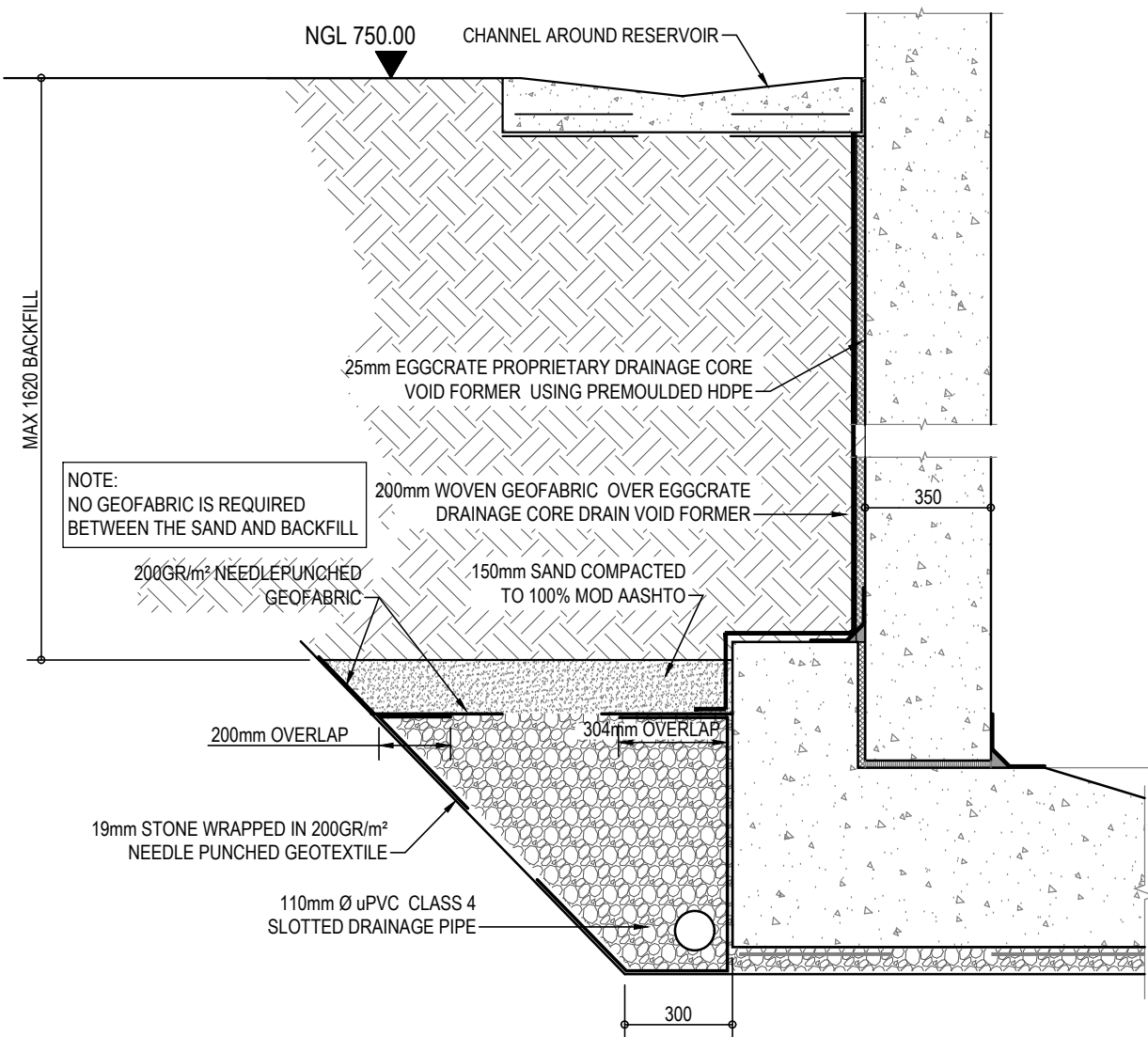
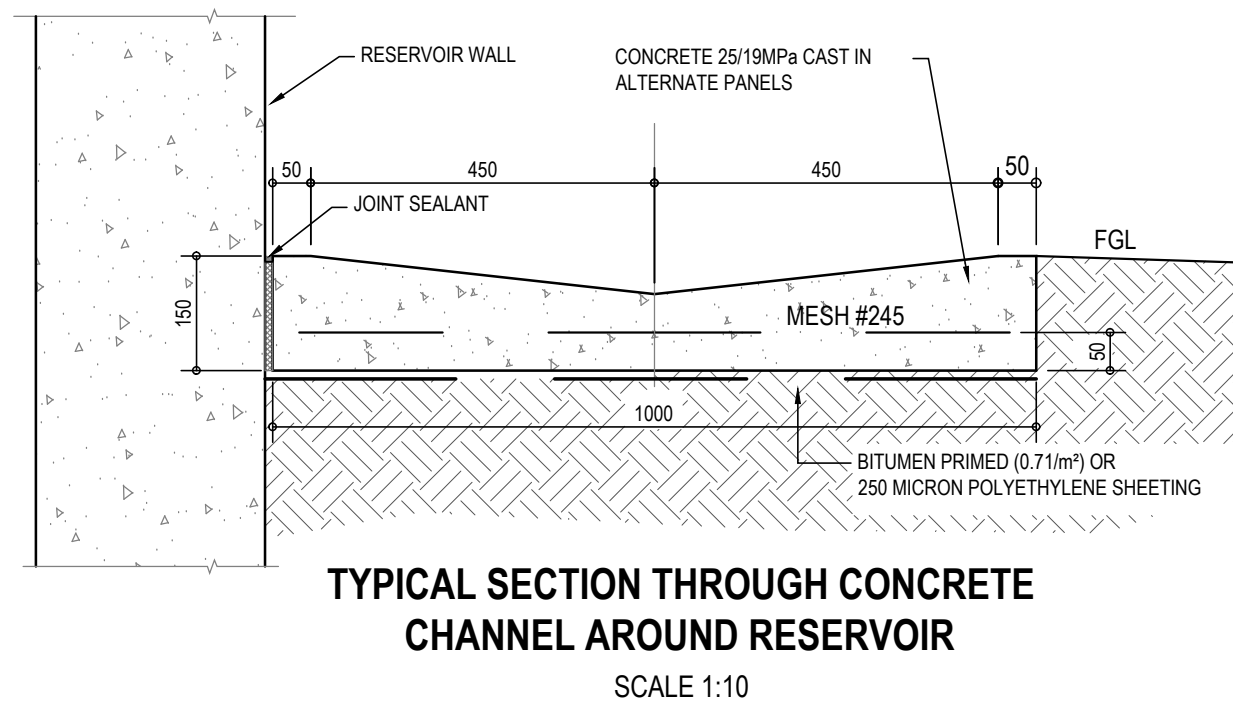




- NOTES:
1. CONCRETE CHANNEL TO FALL MINIMUM 1 IN 100.
 2. CONCRETE CHANNEL TO BE CLASS 25/19, CAST IN ALTERNATIVE SECTIONS OF LENGTH NOT EXCEEDING 10m.
 3. BITUMEN PRIME @ 710g/m² OR 250 MICRON POLYETHYLENE SHEETING TO BE PLACED BEFORE CASTING CONCRETE.
 4. WOOD FLOATED FINISH TO SURFACE OF CONCRETE CHANNEL.
 5. ONLY WHERE ORDERED, A 100mm LAYER OF 135 SUB-BASE QUALITY MATERIAL COMPACTED TO 95% OF MODIFIED AASHTO MAXIMUM DENSITY, TO BE PLACED BENEATH CONCRETE.
 6. CONTRACTION JOINTS TO BE PLACED EVERY 8M.
 7. JOINT SEALER SHALL BE PRE-MOULDED STRIPS OF PRE-FORMED NEOPRENE COMPRESSED SEAL, INSERTED WITH A SPECIAL TOOL, AND LUBRICANT ADHESIVE INTO JOINTS OR SIMILAR APPROVED SEALANT.



ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

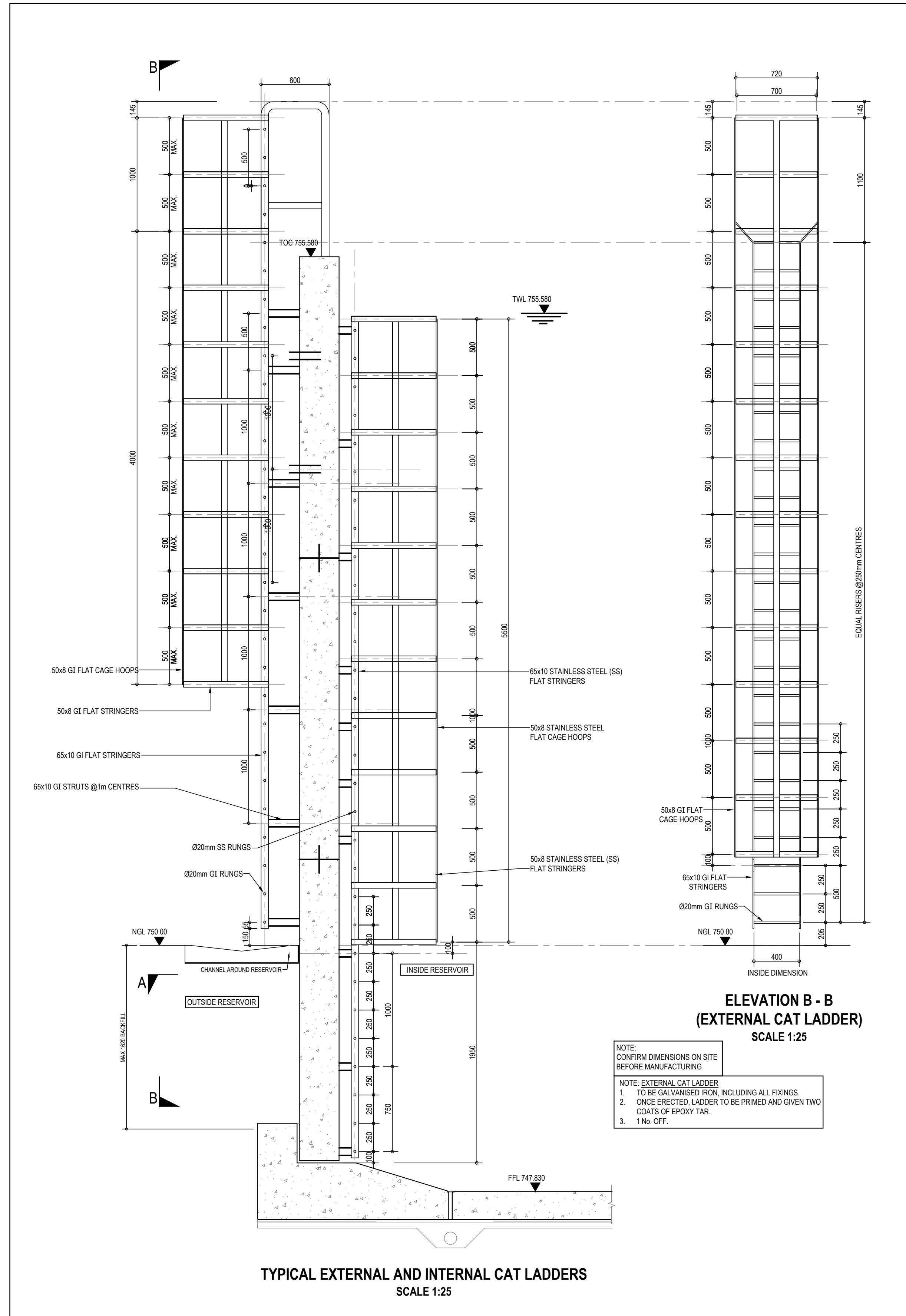
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ON ORIGINAL

0 10 20 30 40 50 60 70 80 90mm

- GENERAL NOTES:
1. THE DRAWING IS TO BE USED IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND PROJECT SPECIFICATIONS.
 2. DIMENSIONS AND TOLERANCES TO BE USED BY THE CONTRACTOR.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
 4. DIMENSIONS ARE TO BE TAKEN FROM THE FACE UNLESS OTHERWISE INDICATED.
 5. ALL DIMENSIONS TO BE INDICATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
 6. ALLOWABLE EXCAVATION PRESSURE UNDER FOUNDATION: 10N.
 7. COMPENSATION SHALL BE PROVIDED FOR ALL DIMENSIONS UNDER STRUCTURES TO BE CONSTRUCTED.
 8. CONTRACTOR TO COMPLY WITH ALL DIMENSIONS WITH THE ENGINEER'S APPROVAL.
 9. ALL DIMENSIONS TO BE INDICATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
 10. ALL DIMENSIONS TO BE INDICATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
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ELEVATION B - B
(EXTERNAL CAT LADDER)
SCALE 1:25

- NOTE: EXTERNAL CAT LADDER
1. TO BE GALVANIZED FROM INCLUDING ALL FIXINGS.
 2. ONCE ERECTED, LADDER TO BE PRIMED AND GIVEN TWO COATS OF EPOXY PAINT.
 3. 1 N/A OFF.

FUNDER:

Department of Water and Sanitation



Physical Address:
199 Francis Baard Street
Pretoria
0001
South Africa

Postal Address:
Private Bag X313
Pretoria
0001
South Africa

CLIENT:

Nkangala District Municipality



Physical Address:
2A Water Square Street
Medunsa
1000

Telephone Number : (013) 248 2000

ENGINEER:

KUFANIKIWA CONSULTING

Physical Address:
11 Derry Place
Dorby Downs Office Park
Worcester

Telephone Number : (031) 701 1038
Facsimile Number : (031) 701 1063
E-mail Address : info@kufanikiwa.co.za
Website Link or Address : www.kufanikiwa.co.za

DRAWING REVISIONS				
REV	DATE	DRAWN	CHECKED	DESCRIPTION

PROJECT NAME:

WESTERN HIGHVELD BULK WATER SCHEME

DRAWING TITLE:

PROPOSED 11.5ML COMMAND RESERVOIR DRAINAGE PLAN LAYOUT AND CATLADDER DETAIL

RESPONSIBLE PERSONNEL		SIGNATURE	DATE
DESIGNED	S MASONDO		
DRAWN	L JIVANA		
CHECKED	S MNGADI (PR Tech Eng)		
APPROVED	M NDLOVU (PR Tech Eng)		
SCALE	AS SHOWN		

APPROVED ; CLIENT			
SIGNATURE		DATE	
PROJECT NUMBER		DRAWING NUMBER	
VU-WTR-21-006		202	
STAGE		SHEET SIZE	SHEET No. REVISION
TENDER		A0	1 OF 1 0
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TENDER