

PROCEED n° MF4-F41		Rev 2.0	DB construction supervision	August 2025
Zone:		Contractor:		
Woreda:		Supervisor:		
Federation:		WP Name		
Network:				
S/N	Checking item	Validation √, X or N/A	Date of inspection	Comments
1	Foundation excavation & compaction			
1.1	Check yield compare to design requirement MF4-M50 §3			
1.2	Contractor knows inside dimensions of DB, Height given by design, L=30+15xoutlets number, W=60 for inlet ≤50, W=80 for inlet>50 MF4-M40 §1			
1.3	Foundation depth is at least 60cm and length is at least = L+0.8m and width = W+0.8m MF4-M15 §1			
1.4	Drop stone test pass (Mark < 1 cm) MF4-M15 §1			
1.5	Overflow drainage point is chosen (check slope and surrounding)			
1.6	Contractor knows masonry size & PVC pipes posit. in the foundation MF4-M40 §2			
V1	Foundation approved, all above items are conform			Contractor can't proceed to masonry without this validation
2	Preparation for slab casting			
2.1	Masonry height is matching design data (Masonry level = design level - 10cm) MF4-M40 §2			
2.2	Masonry width and length is matching calculated DB inside dimensions (L & W) MF4-M40 §2			
2.3	Inlet installed at least 5 cm clearance with the edge of masory MF4-M40 §2			
2.4	Inlet diameter is matching the sketchmap			
2.5	Outlets as per sketchmap, at least 15 cm clearance with edge of masory MF4-M40 §2			
2.6	Outlets diameters are matching the sketchmap			
2.7	Outlets air vents are correctly installed (Tee + elbow 20cm apart) MF4-M40 §2			
2.8	Overflow is installed, end of PVC coupling are precisely located 10cm above masonry top MF4-M40 §2			
2.9	All pipes are protected from foreign entrance with plastic bag attached by wire MF4-M40 §2			
2.10	Rebar mesh (20x20cm ø8mm) installed around masonry (7-8cm clearance from it) and at bottom slab level MF4-M40 §3			
2.11	Contractor knows wall & slabs thickness (15cm) and standards for metal door MF4-M15 §3 & concrete (1:2:3) handling MF4-M13			
V2	Preparation approved, slabs and walls can be casted all above items are conform			Contractor can't proceed to slab casting without this validation
Supervisor has 2 mandatory validation visits . If one item is not validated correction measures must be agreed with contractor and another visit must be organized. If not impossible penalties must be applied (up to contract termination)				
Contractor's name:			Supervisor's name:	
Date of validation:			Date of validation:	
Signature:			Signature:	

PROCEED n° MF4-F41	Rev 2.0	DB completion report proof of achievement	August 2025
Zone:		Contractor:	
Woreda:		Supervisor:	
Network:		WP Name :	
Contract ref n° :			

		Controller 1		Controller 2	
		ARIA		WWO	
Part	To be checked	Ok √	Not Ok X	Ok √	Not Ok X
Inside DB	DB walls are 15cm thick, top slab 10cm				
	ALL outlet pipes are cut straight (pipe cut), deburred (smooth) and all level are the same (within ±1mm). Check crests for all pipes				
	Inlet end by a Tee installed at the same height as the outlets				
	Overflow/washout pipe can be easily removed				
	Overflow/washout pipe is cut and deburred (smooth) 10 cm higher than outlets pipes				
	Air vents pipe are cut and deburred 20 cm higher than outlets pipes				
	The overflow outlet is well anchored with concrete (matching standard MF4-M15 §3) and protected from further erosion				
Concrete structure	No cracks are observed on the outside part of the DB				
	There is no leakage on the DB wall and at slab/wall junction				
	The concrete inside and outside is smooth				
	Top slab has slope to evacuate water				
	Verticality of structure maintain				
Door	The door is surelevated from reservoir top slab				
	Concrete ledge is casted to support the door when opened				
	There is a mortar joint inside of the door				
General overview	The whole construction (including protection, crossings) is well finished, from inside and outside.				
	High construction standard were respected during the whole construction (mix of cement and mortar, curing time, good connection of HDPE with PVC...)				
	All directions and designs given by the supervisor were immediately and well applied during construction.				
Total					

The 2 controllers agree that the contractor did not respect the minimum standard defined in the contract (9 x maximum). 5% will be withdrawn from the construction price and warning	☐ Yes	☐ No
The 2 controllers agree that the contractor did not respect the minimum standard defined in the contract (5 x maximum). 2% will be withdrawn from the construction price.	☐ Yes	☐ No
The 2 controllers agree that the contractor did not respect the minimum standard defined in the contract (3 x maximum). 1% will be withdrawn from the construction price.	☐ Yes	☐ No

The signatories of the present document certify that the above mentioned construction was achieved at the date of signature.

	Controler 1 (WWO Construction expert)	Controler 2 (WWO Scheme Administraion expert)
Name		
Sign.		

	WWO HEAD /Representative	Technical Assist. (ARIA) / Zone Construction Expert
Name		
Sign.		