

| PROCEED n° MF4-F57 |                                                                                                                                                                                                                   | Rev 1.0 | Reservoir or RDB Supervision        | September 2026 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------|----------------|
|                    | "RDB:" Only for RDB supervision                                                                                                                                                                                   |         | "R:" Only for Reservoir supervision |                |
| V1                 | Foundation excavation & compaction                                                                                                                                                                                |         |                                     |                |
| 1.1                | Supervisor has filled the format <a href="#">MF4-F62</a> "WP configuration"                                                                                                                                       |         |                                     |                |
| 1.2                | Check yield compared to design requirement <a href="#">MF4-M50 §4</a>                                                                                                                                             |         |                                     |                |
| 1.3                | Foundation depth is at least 30cm and ø2.7m <a href="#">MF4-M15 §1</a>                                                                                                                                            |         |                                     |                |
| 1.4                | Drop stone test pass (Mark < 1 cm)<br><a href="#">MF4-M15 §1</a>                                                                                                                                                  |         |                                     |                |
| 1.5                | Contractor knows masonry size & pipes position in the foundation <a href="#">MF4-M50 §5</a>                                                                                                                       |         |                                     |                |
| 1.6                | RDB: PVC DB outlets & inlets are ready, form <a href="#">MF4-F53</a> (>4 outlets) or <a href="#">MF4-F54</a> (≤4 outlets) have been completed to prepare top DB <a href="#">MF4-M51 §2</a>                        |         |                                     |                |
| V2                 | Preparation for slab casting                                                                                                                                                                                      |         |                                     |                |
| 2.1                | 25cm wide 40cm high masonry wall stones inside is constructed (ø2.2m) <a href="#">MF4-M15 §1</a>                                                                                                                  |         |                                     |                |
| 2.2                | Clean 2cm high lean concrete (1:3:6) is casted on masonry work <a href="#">MF4-M15 §1</a>                                                                                                                         |         |                                     |                |
| 2.3                | R: Reservoir Inlet PVC pipe is installed diameter as per design and position as per <a href="#">MF4-M50 §5</a>                                                                                                    |         |                                     |                |
| 2.4                | Washout ø50 PVC pipe is installed with coupling 10cm above lean concrete as per <a href="#">MF4-M50 §5</a>                                                                                                        |         |                                     |                |
| 2.5                | Reservoir Outlet ø32 PVC pipe is installed, position as per <a href="#">MF4-M50 §5</a>                                                                                                                            |         |                                     |                |
| 2.6                | The overflow, inlet and outlet pipes size match the design or standard                                                                                                                                            |         |                                     |                |
| 2.7                | Slab rebar mesh is supported by 2-3cm gravel above foundation <a href="#">MF4-M50 §6</a>                                                                                                                          |         |                                     |                |
| 2.8                | The height of the outlet pipe is 3cm above the surface floor                                                                                                                                                      |         |                                     |                |
| 2.9                | Cement is in a dry place, sand is clean and gravel size: 5-20mm <a href="#">MF4-M13 §2</a>                                                                                                                        |         |                                     |                |
| 2.10               | Apparatus to measure sand and gravel quantity is available <a href="#">MF4-MF13 §1</a>                                                                                                                            |         |                                     |                |
| 2.11               | Water agent knows he has to water the slab 2 times a day for 7 days <a href="#">MF4-M50 §6</a>                                                                                                                    |         |                                     |                |
| 2.12               | RDB: DB Inlet, outlet, overflow are installed as per <a href="#">MF4-F53</a> or <a href="#">MF4-F54</a> . Outlets and inlets for the top DB are 1.9m or 2.9m or 3.9m (1, 2 or 3 rings) <a href="#">MF4-M51 §2</a> |         |                                     |                |
| V3                 | Wall preparation                                                                                                                                                                                                  |         |                                     |                |
| 3.1                | Slab is properly cured: not too white, not sandy, no cracks. Slab has been cleaned.                                                                                                                               |         |                                     |                |
| 3.2                | Outer 15cm (slab-wall conn.) of the slab is prepared with deep cutting <a href="#">MF4-M50 §6</a>                                                                                                                 |         |                                     |                |
| 3.3                | All rings of the inside mould are installed <b>with all bolts and nuts</b> , clean, oiled with cooking oil, centered on the slab and level has been checked in 4 points <a href="#">MF4-M50 §7</a>                |         |                                     |                |
| 3.4                | Wall rebar installation is OK: mesh dimension, bars diameter, wire ties, ring overlapping not aligned and there is 1.5cm clearance with rebar <a href="#">MF4-M50 §7</a>                                          |         |                                     |                |
| 3.5                | First ring of the outside mould is installed <b>with all bolts and nuts</b> , clean, oiled with burnt oil, centered on the slab and level has been checked in 4 points <a href="#">MF4-M50 §7</a>                 |         |                                     |                |
| 3.6                | Concrete mixing platform is prepared and clean <a href="#">MF4-MF13 §4</a>                                                                                                                                        |         |                                     |                |
| 3.7                | Cement is in a dry place, sand is clean and gravels size: 5-20mm <a href="#">MF4-M13 §2</a>                                                                                                                       |         |                                     |                |
| 3.8                | Apparatus to measure sand and gravel quantity is available (1:2:3) <a href="#">MF4-MF13 §1</a>                                                                                                                    |         |                                     |                |
| V4                 | Wall casting                                                                                                                                                                                                      |         |                                     |                |
| 4.1                | Wall casting starting before 9am, the entire wall must be cast in one day in presence of the supervisor <a href="#">MF4-M50 §8</a>                                                                                |         |                                     |                |
| 4.2                | Concrete is laid from one end, then progressively all around the mould <a href="#">MF4-M50 §8</a>                                                                                                                 |         |                                     |                |
| 4.3                | 15 minutes maximum between 2 concrete batches <a href="#">MF4-M50 §8</a>                                                                                                                                          |         |                                     |                |
| 4.4                | Uninterrupted vibration is done with a steel GI pipe inside and a wooden hammer on both sides of the reservoir <a href="#">MF4-M50 §8</a>                                                                         |         |                                     |                |
| 4.5                | If a 2nd or a 3rd ring is necessary, check installation of the mould (centering, level, oil, bolts&nuts, cleanliness) <a href="#">MF4-M50 §8</a>                                                                  |         |                                     |                |
| 4.6                | Call the Water agent the day after casting to ensure the reservoir is full <a href="#">MF4-M50 §8</a>                                                                                                             |         |                                     |                |
| 4.7                | Call the WA 7 days after casting to ensure the reservoir is still full <a href="#">MF4-M50 §8</a>                                                                                                                 |         |                                     |                |
| V5                 | Top slab preparation                                                                                                                                                                                              |         |                                     |                |
| 5.1                | Framework that will receive the concrete is concrete tight and solid <a href="#">MF4-M50 §9</a>                                                                                                                   |         |                                     |                |

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| 5.2                                                                                                                                                                                                                                                   | Slab rebar mesh is as per <a href="#">MF4-M50 §9</a> (ø8mm, 15x15cm, ø140cm) and there is 1.5cm clearance with mould                       |
| 5.3                                                                                                                                                                                                                                                   | Slab rebar mesh is supported by 2-3cm gravel above foundation <a href="#">MF4-M50 §9</a>                                                   |
| 5.4                                                                                                                                                                                                                                                   | Door is installed in a way that it is going to be cast in the slab and the washout pipe will be accessible <a href="#">MF4-M50 §9</a>      |
| 5.5                                                                                                                                                                                                                                                   | Concrete mixing platform is prepared and clean <a href="#">MF4-MF13 §4</a>                                                                 |
| 5.6                                                                                                                                                                                                                                                   | Cement is in a dry place, sand is clean and gravel size: 5-20mm <a href="#">MF4-M13 §2</a>                                                 |
| 5.7                                                                                                                                                                                                                                                   | Apparatus to measure sand and gravel quantity is available <a href="#">MF4-MF13 §1</a>                                                     |
| 5.8                                                                                                                                                                                                                                                   | Water agent knows he has to water the slab 2 times a day for 7 days <a href="#">MF4-M50 §6</a>                                             |
| 5.9                                                                                                                                                                                                                                                   | <b>RDB:</b> DB Outlet PVC going in the reservoir (& overflow if necessary) is installed inside rebar & futur DB <a href="#">MF4-M51 §3</a> |
| 5.10                                                                                                                                                                                                                                                  | <b>RDB:</b> Other DB outlets & the inlet pipes will be long enough after top slab casting (50cm higher) <a href="#">MF4-M51 §3</a>         |
| Supervisor has <b><u>2 mandatory validation visits</u></b> . If one item is not validated, correction measures must be agreed with contractor and another visit organized. If not impossible, penalties must be applied (up to contract termination). |                                                                                                                                            |