Pond for Small Scale Hill Irrigation Scheme

Typical Plan View

Safety Measure for Pond Construction

1. Excavate the Pond of designed Size
2. Dress & smooth the Base & Side (no sharp projection remains
3. Make Bed & Side smooth by spreading Clay Paste
4. Maintain Natural Slope at U/S
5. Built Catch Drain at U/S with two-way slope
6. Provide Overflow Pipe > 90 mm dia
7. Provide Gabion Protection at D/S if necessary
8. Avoid blockage of Overflow Pipe
9. Protection from scouring at exit point of drain
10. Lining with Soil Cement Packed Bags
    (Jute, used cement or other bags)