INfiltration Trench Notes

1. Trench Construction
   a. Soil conditions: The trench should be dug to suitable depth and width to accommodate the installation of the trench. The trench should be straight and level, with sides that are perpendicular to the bottom. The trench should be clean and free of debris.
   b. Foundation: The foundation of the trench should be compacted to prevent settling and movement of the trench walls.
   c. Drainage: Proper drainage should be provided to prevent water accumulation in the trench.
   d. Backfill: The trench should be backfilled with suitable material to restore the original profile.

2. Trench Repair
   a. Repair work should be done as needed to ensure the integrity of the trench.
   b. Materials used for repair should be compatible with the existing materials.
   c. Special attention should be given to ensure proper drainage and compaction.

3. Equipment
   a. Suitable equipment should be used for excavation, compaction, and backfilling.
   b. Equipment should be properly maintained to ensure effective operation.
   c. Safety measures should be taken to protect workers and the public.

4. Quality Control
   a. Quality control measures should be implemented to ensure the quality of the trench installation.
   b. Inspections should be performed to monitor the progress of the installation.
   c. Records should be maintained to document the installation process.

INfiltration Basin Notes

1. Basin Design
   a. The basin should be designed to accommodate the volume of water to be treated.
   b. The basin should be designed to ensure proper drainage and to prevent water accumulation.
   c. The basin should be designed to minimize the impact on the surrounding environment.

2. Basin Construction
   a. Suitable materials should be used for the construction of the basin.
   b. Proper compaction should be ensured during the construction process.
   c. The basin should be backfilled with suitable material to restore the original profile.

3. Equipment
   a. Suitable equipment should be used for excavation, compaction, and backfilling.
   b. Equipment should be properly maintained to ensure effective operation.
   c. Safety measures should be taken to protect workers and the public.

4. Quality Control
   a. Quality control measures should be implemented to ensure the quality of the basin installation.
   b. Inspections should be performed to monitor the progress of the installation.
   c. Records should be maintained to document the installation process.