EDGE OF PAVEMENT FILLET PROFILES
GREEN HOLLOW WAY AND HIGHLAND RD

SCALE: 1" = 50 HORIZ.
1" = 10 VER.

EDGE OF PAVEMENT FILLET PROFILES
GREEN HOLLOW WAY AND ROCKWOOD LN

SCALE: 1" = 50 HORIZ.
1" = 10 VER.
HIGHLAND RD R/W VARIES
50' C/L TO P/L
ALONG PROPERTY
**GTA GEOTECHNICAL EXPLORATION**

1. **Test Chambers and Foundation**
   - The test chambers were constructed in accordance with the design specifications. Each chamber was backfilled with compacted soil to ensure stability and uniformity.
   - The foundation was reinforced with steel rebar to provide additional support and resistance to future loads.

2. **Soil Tests and Analysis**
   - Soil samples were collected from various depths and tested for strength, permeability, and contamination.
   - The results of these tests were used to determine the appropriate fill materials and compaction efforts.

3. **Load Transfer and Settlement**
   - The load transfer from the building structure to the foundation was evaluated to ensure that the foundation could support the anticipated loads without excessive settlement.
   - Settlement monitoring equipment was installed to track any movement over time.

4. **Groundwater Management**
   - A subsurface drainage system was installed to manage the groundwater and prevent seepage issues.
   - The system includes perforated pipes and crushed rock drains to redirect water away from the foundation.

5. **Construction Monitoring**
   - Continuous monitoring of the test chambers and foundation was conducted throughout the construction phase.
   - This included regular checks for alignment, level, and stability.

6. **Quality Control**
   - Quality control measures were implemented to ensure that all construction activities met the specified standards.
   - Regular inspections and testing were conducted to verify compliance with the design and construction documents.

**Operation and Maintenance Schedule for the Pond**

- **Weekly Inspections**: Weekly inspections are required to monitor the pond's condition and confirm that all safety regulations are being followed.
- **Monthly Maintenance**: Regular maintenance checks are performed to ensure the pond's functionality and safety.
- **Annual Assessments**: Annual assessments are conducted to evaluate the pond's performance and make necessary adjustments.

**Notes**

- Ensure that all equipment is properly maintained and calibrated.
- Regularly check for any signs of wear or damage on the pond structure.
- Keep records of all maintenance activities and inspections.