



**Preliminary Acceptance Punchlist**  
**El Paso County – Department of Public Works - Stormwater Section**

Project Name:	Smith Plumbing, Heating & Cooling
EDARP Filing Number(s):	PPR2143, CON2259
ESQCP Number:	ESQ2249
Attendees:	DPW SW: Natasha Grimaldo and Ben Jones DPW Development Services: Amanda Rivera Developer: Josh Reed, Salvador Valdez, and Todd Jeffers
Date of Walk-Thru:	04/16/2024
Walk-Thru Number:	1 <sup>st</sup>

*When all items below are completed, please let your inspector know as soon as possible so they can come out to the project to confirm.*

Findings to be addressed prior to scheduling a follow-up walk-thru:

**Defect Warranty Items for Final Acceptance (During/After Defect Warranty Period)**

- Ensure ponds and surrounding areas achieve adequate vegetative coverage prior to Final Acceptance.

**Items for Preliminary Acceptance**

**Site Wide:**

- Submit a spec sheet and PO/receipt for the seed mix purchased and used.

**Pond:**

- Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal. Reference Photo 1.
- Eliminate gap between the trash rack and concrete structure. Reference Photo 2.
- Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage. Reference Photo 4.
- Properly install the emergency overflow spillway. Spillway crest elevation should be 5850.00 with trapezoidal shape (12' Weir width, with 4:1 slopes of 1' on either side). Currently no definition. Reference sheet C3.2 of the Construction Documents. Reference Photo 5.
- Install 1' curb opening at first parking stall where the driveway meets the parking lot. Reference sheet C3.1 of the Construction Documents. Reference Photo 6.
- Install Detention Signage and Pet Waste Station. Reference Sheet C3.1 of the Construction Drawings. Reference Photos 7 and 8.
- Sheet C3.2 references a 3-rail fence but is not called out on plan view. Please define where this fence goes.

**As-Built Drawings and Pond Certification**

- Per ECM Chapter 5.10.6 As-Builts shall be submitted at the initiation of the Preliminary Acceptance process. Approved As-Builts are not required to enter the 2-yr defect warranty period. As-Builts must be approved by the ECM Administrator prior to Final Acceptance.
- Pond: Roof underdrain should be noted on the As-builts and Drainage report. Reference Photo 3.

Please have your engineer submit the following items (if they haven't already):

- Engineering Record Drawings (As-Built) consistent with Section 5.10.6 of the ECM.
  - Even if everything was built exactly per plan, we need an electronic PDF of the original drawings to be signed, dated, and stamped with "As-Built" on each sheet.
  - Differences from design to as-built conditions to be shown in red text with red clouds/bubbles.
- Volume Certification Letter(s) for pond(s), see ECM Chap 5.10.6.B for details on what type of statement should be included in the letter.
  - Letter to be stamped by Engineer.
  - State in the Certification Letter that the site and adjacent properties (as affected by work performed under the County permit) are stable with respect to settlement and subsidence, sloughing of cut and fill slopes, revegetation or other ground cover, and that the improvements (public improvements, site grading) meet or exceed the minimum design requirements.
  - For sites including detention and/or water quality facilities, the Certification Letter shall include a statement that the facilities provide the required storage volume and will meet the required release rates.
- Re-submit UD-Detention spreadsheet per changes from the original design to the as-built condition. Can be included with Cert Letter.
  - If significant changes, we would also need to submit the updated UD-Detention calcs to the SDI Facility Notification website.

**Photos:**



Photo 1: Pond: Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal.



Photo 2: Pond: Alleviate gap between the trash rack and concrete structure.



Photo 3: Pond: Roof underdrain should be noted on the As-builts and Drainage report.



Photo 4: Pond: Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.

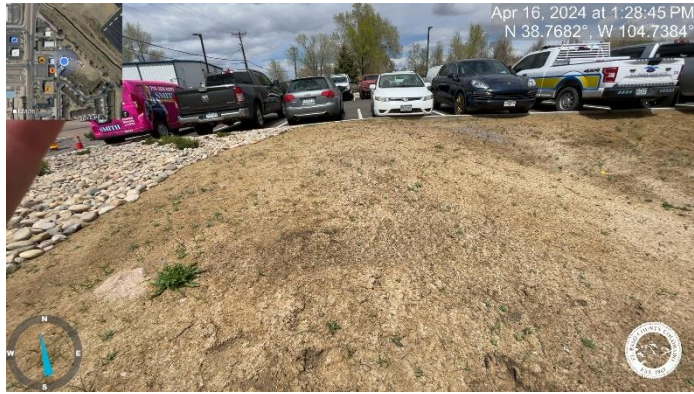


Photo 5: Pond: Properly install the emergency overflow spillway. Spillway crest elevation should be 5850.00 with trapezoidal shape (12' Weir width, with 4:1 slopes of 1' on either side). Reference sheet C3.2 of the Construction Documents.



Photo 6: Pond: Install 1' curb opening. Reference sheet C3.1 of the Construction Documents.



Photo 7: Pond: Install Detention Signage and Pet Waste Station. Reference Sheet C3.1 of the Construction Drawings.



Photo 8: Pond: Install Detention Signage and Pet Waste Station. Reference Sheet C3.1 of the Construction Drawings.