



Final Acceptance – Punchlist from DPW Stormwater

Project Name:	Timberline Landscaping
EDARP Filing Number(s):	CON185, PPR1718
ESQCP Number:	ESQ185
Attendees:	DPW : Joshua Augustenborg, Ben Jones, Glenn Reese, Brad Walters and David Parkerson Developer: Tim Emick and Cameron Emick
Date of Walk-Thru:	January 25, 2023
Walk-Thru Number:	1

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

- Storage lot/gravel driveway. Berm up top of slope of northwestern corner of pond embankment adjacent to concrete riprap rundown. Runoff is bypassing the rundown, causing erosion blowout. Subsequent sediment discharge from top of gravel parking lot into pond also needs to be cleaned out. See photos #1, 2 and 3.
- Concrete channel at southwest corner of pond is undercut. Voids need to be filled with non-erosive material as to not compromise structure. See photo #s 4 and 5.
- Pond bottom is above grade of low flow channel top of curb. Bring grade down to match top of curb, at 4% min slope per sheet ST05. See photo #6.
- Gap between trash screen and concrete, needs to be flush. See photo #7.
- Well screen bolts and nuts need to be replaced, they are rusted and falling off structure. See photo #8.
- Remove temporary perimeter control measures site wide. See photo #s 9 and 10.
- Low tailwater riprap basin. Plan detail calls for 24' L and measures 17' L in field. Reference sheet ST05A of GEC plan. See photo #11. Since riprap cannot be extended to 24' due to the property boundary, check with Engineer of Record that 17' is acceptable for erosion protection and reflect change on as-builts.
- Maintenance access road. Reference sheet ST03 of GEC plan.
 - Repair erosion rill atop of road. See photo #12.
 - Reestablish road throughout pond per detail. Road currently buried in sediment throughout much of the pond bottom. Call Stormwater inspector when potholing road (as discussed at FA walk) to show depth of road section (supposed to be 6" depth in some places and 12" depth in others, per details).
- Sparse vegetation throughout bottom of pond structure. See photo #13.
- Sparse vegetation around pond outlet pipe. Seed did not take on steep slopes. TRM called for on sheet ST03.

Submit the following items:

- As-Built Plans
 - Even if nothing has changed, we need an electronic PDF of the original drawings to be signed, dated and stamped with "As-Built" on each page
 - Differences from design to as-built conditions to be shown in red text with red clouding/bubbles.
- Utility Company acceptance letters
- Pond Certification Letter
 - Letter to be stamped by Engineer.
 - State in the 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.

- Revise stage/storage/discharge tables for the applicable design storms (with the as-built elevations) and attach to letter. This is usually done on the UD-Detention spreadsheet.

Photos:



Photo 1: Storage lot/gravel driveway. Berm up top of slope of northwestern corner of pond embankment adjacent to concrete riprap rundown. Runoff is bypassing



Photo 2: Subsequent sediment discharge from top of gravel parking lot into pond also needs to be cleaned out. Reference photo #1.



Photo 3: Storage lot/Gravel driveway. Top left corner adjacent to concrete lined forebay (North). Berm up top of slope. Bypassing causing erosion blowout.



Photo 4: Concrete channel at southwest corner of pond is undercut. Voids need to be filled with non-erosive material as to not compromise structure.



Photo 5: Concrete channel at southwest corner of pond is undercut. Voids need to be filled with non-erosive material as to not compromise structure.



Photo 6: Pond bottom is above grade of low flow channel top of curb. Bring grade down to match top of curb, at 4% min slope per sheet ST05.



Photo 7: Gap between trash screen and concrete, needs to be flush.



Photo 8: Trash screen bolts and nuts need to be replaced. Rusted and falling off structure.



Photo 9: Remove temporary perimeter control measures site wide.



Photo 10: Remove temporary perimeter control measures site wide.



Photo 11: Low tailwater riprap basin. Plan detail calls for 24' L and measures 17' L in field. Reference sheet ST05A of GEC plan.



Photo 12: Maintenance access rd. Repair erosion rill atop of rd. Maintenance access rd. need to be redefined per detail. Reference sheet ST03 of GEC plan.



Photo 13: Sparse vegetation throughout bottom of pond structure. Sparse vegetation around pond outlet pipe. Seed did not take on steep slopes. TRM called for on