

**parker**  
DESIGN GROUP

2122 Carolina Ave. SW  
Roanoke, VA 24014  
Ph: 540-387-1153  
Fax: 540-389-5767

1915-B W. Cary Street  
Richmond, VA 23220  
Phone: 804-358-2947  
Fax: 804-359-9645  
www.parkerdg.com

These documents are the property of Parker Design Group (PDG) and may not be reproduced or used without the express permission of PDG. Any reuse of these documents without authorization of PDG will be at the sole risk of the individual or entity utilizing said documents.



# Rec Pond Design

## The Reserve at Round Meadows

Town of Christiansburg, Virginia

**REVISIONS:**

1	TOC Comments - October 1, 2019
2	TOC Comments - May 28, 2021
3	TOC Comments - August 23, 2021

DESIGNED BY: PDG  
DRAWN BY: JLK  
CHECKED BY: SLR

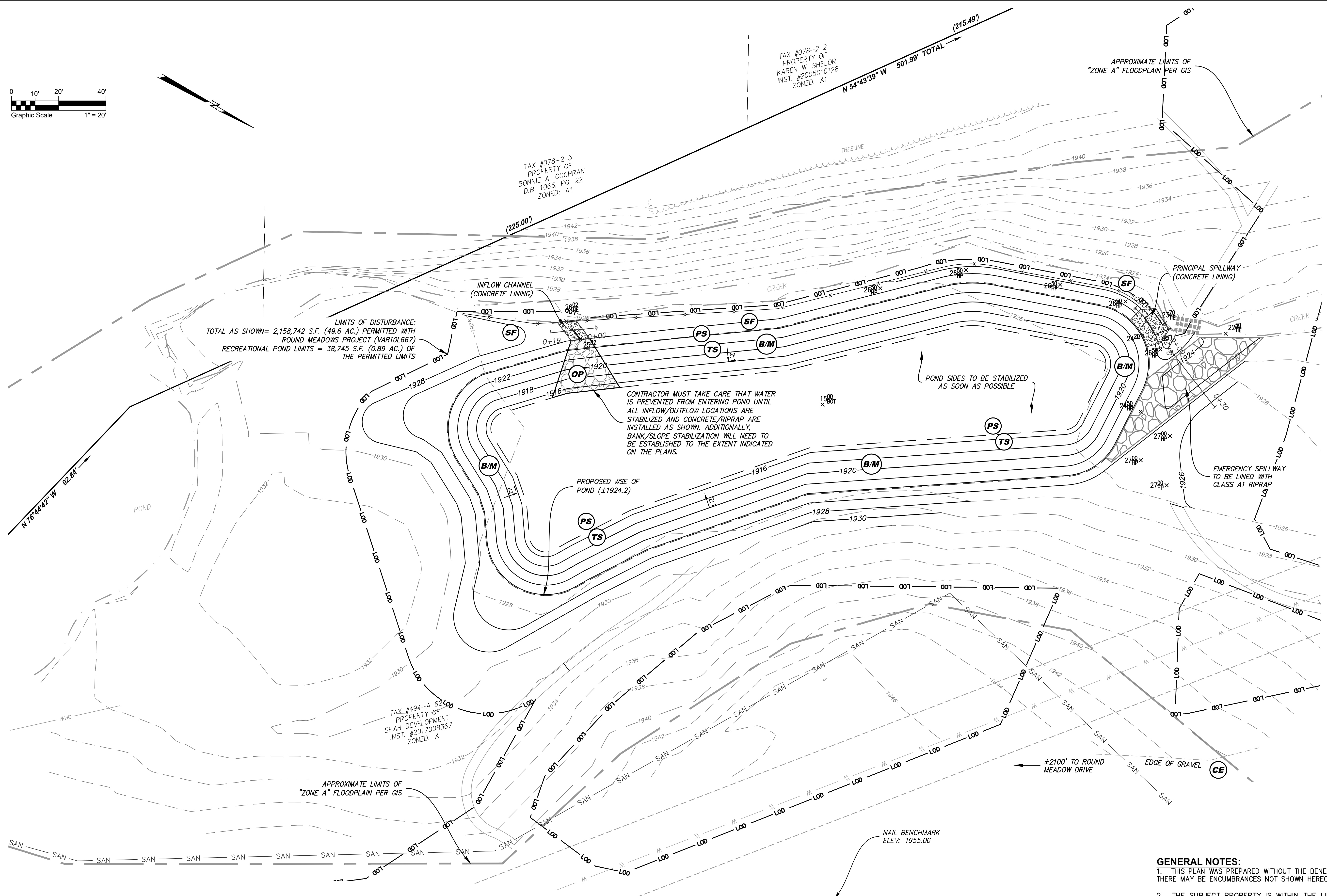
DATE:  
1 August 2019

SHEET TITLE:  
POND GRADING  
PLAN

SCALE:  
1" = 20'

SHEET NO.

**C04**



**LIMITS OF DISTURBANCE:**  
TOTAL AS SHOWN = 2,158,742 S.F. (49.6 AC.) PERMITTED WITH ROUND MEADOWS PROJECT (VARI01667)  
RECREATIONAL POND LIMITS = 38,745 S.F. (0.89 AC.) OF THE PERMITTED LIMITS

CONTRACTOR MUST TAKE CARE THAT WATER IS PREVENTED FROM ENTERING POND UNTIL ALL INFLOW/OUTFLOW LOCATIONS ARE STABILIZED AND CONCRETE/RIPRAP ARE INSTALLED AS SHOWN. ADDITIONALLY, BANK/SLOPE STABILIZATION WILL NEED TO BE ESTABLISHED TO THE EXTENT INDICATED ON THE PLANS.

POND SIDES TO BE STABILIZED AS SOON AS POSSIBLE

EMERGENCY SPILLWAY TO BE LINED WITH CLASS A1 RIPRAP

**POND EARTHWORK ESTIMATE:**  
CUT: 8683 C.Y.  
FILL: 48 C.Y.  
NET: 8637 C.Y. (CUT)

**POND EARTHWORK TO WSEL:**  
CUT: 2985 C.Y.  
FILL: 54 C.Y.  
NET: 2931 C.Y. (CUT)

- EROSION AND SEDIMENT CONTROL MEASURES:**  
PROVIDE THE FOLLOWING:
- CE CONSTRUCTION ENTRANCE MEETING VA ESCH STD. & SPEC. 3.02
  - SF SILT FENCE MEETING VA ESCH STD. & SPEC. 3.05
  - OP OUTLET PROTECTION MEETING VA ESCH STD. & SPEC. 3.18
  - TS TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31
  - PS PERMANENT SEEDING MEETING VA ESCH STD. & SPEC. 3.32
  - B/M BLANKETS & MATTING MEETING VA ESCH STD. & SPEC. 3.36

- GENERAL NOTES:**
- THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. THEREFORE THERE MAY BE ENCUMBRANCES NOT SHOWN HEREON.
  - THE SUBJECT PROPERTY IS WITHIN THE LIMITS OF ZONE "A" AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL NO. 51121C0140C, EFFECTIVE DATE SEPTEMBER 25, 2009. THIS DETERMINATION IS BASED ON SAID MAP AND HAS NOT BEEN VERIFIED BY ACTUAL FIELD ELEVATIONS.
  - THE PLAN WAS PREPARED FROM A PARTIAL FIELD SURVEY BY PARKER DESIGN GROUP. THIS PARTIAL TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ALAN CLEMONS, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER HIS SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED MAY 31, 2019, AND THAT THIS PLAN, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS THE MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
  - THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS BASED UPON AVAILABLE PLANS AND RECORDS (DESIGNED BY OTHERS). THE LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE. THERE MAY BE UTILITIES WHICH AFFECT THE PROPERTY NOT SHOWN HEREON. CONTRACTOR SHALL CALL "MISS UTILITY" TO VERIFY LOCATION OF ANY UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION.
  - ELEVATIONS SHOWN ARE ON NAVD '88 DATUM, ESTABLISHED BY ONE (1) GPS POINT SHOWN, AND ELEVATION DIFFERENCE VERIFIED IN THE FIELD. EXISTING CONTOURS SHOWN ARE AT 2.0' INTERVALS.

APPROVED: Engineering \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: Planning \_\_\_\_\_ Date \_\_\_\_\_

Path: S:\2019 Projects\19-0103 Saylor Road\6 DWG\Active Engineering Production\19-0103 Grading.dwg