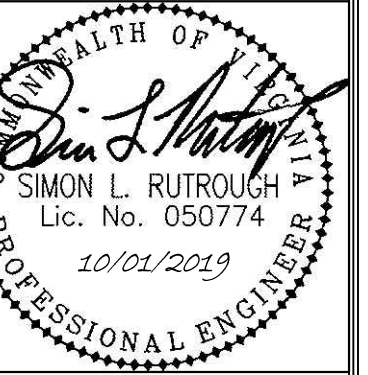


**parker**  
DESIGN GROUP

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

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**Recreational Pond Design**  
**Meadows Country Club**  
Montgomery County, Virginia

**REVISIONS:**  
1st Review  
October 1, 2019

**DESIGNED BY:** PDG

**DRAWN BY:** JLK

**CHECKED BY:** SLR

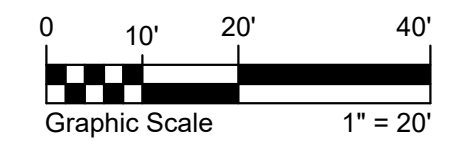
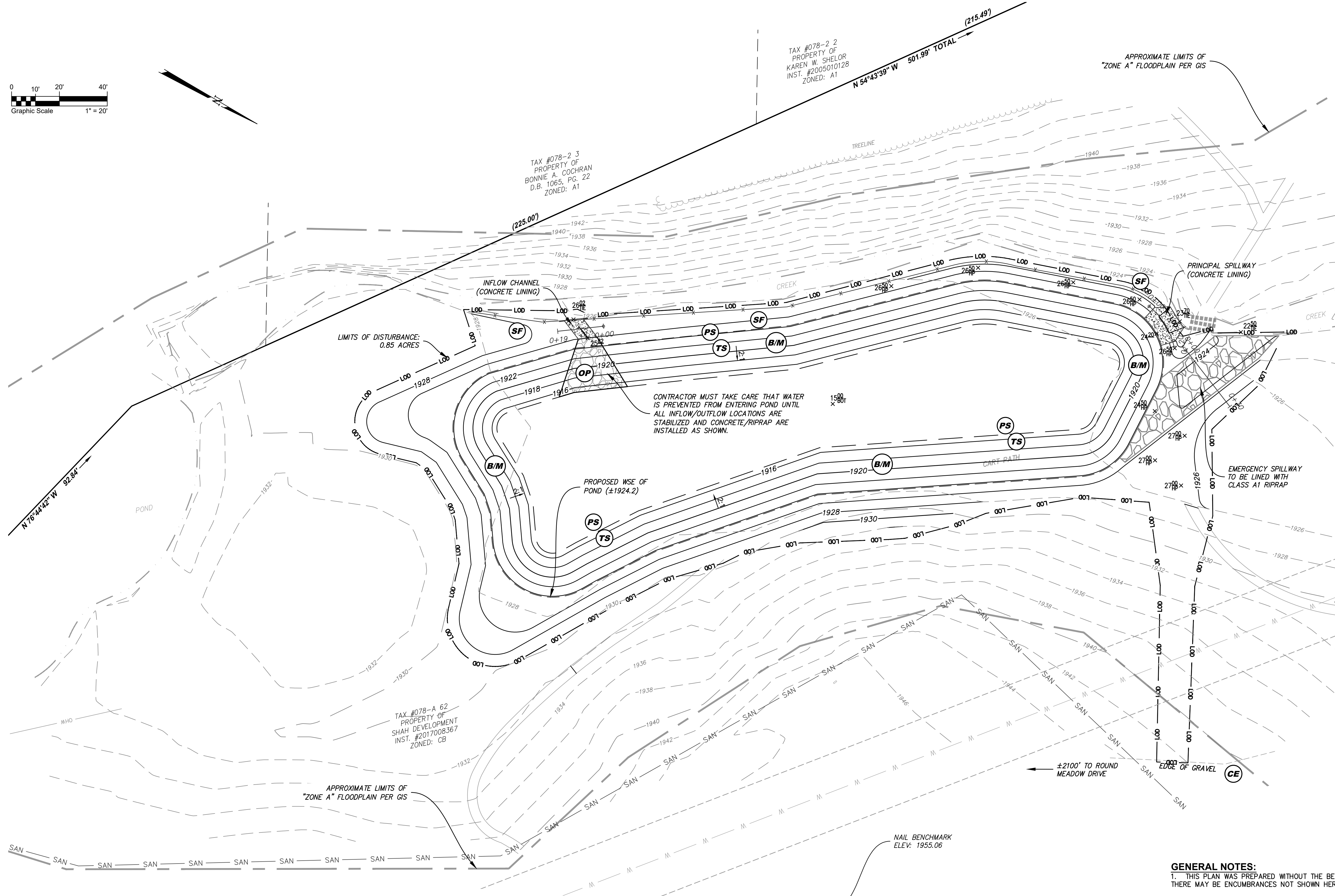
**DATE:**  
1 August 2019

**SHEET TITLE:**  
POND GRADING  
PLAN

**SCALE:**  
1" = 20'

**SHEET NO.**

**C04**



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

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

**POND EARTHWORK ESTIMATE:**  
CUT: 8683 C.Y.  
FILL: 46 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:**  
1. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. THEREFORE THERE MAY BE ENCUMBRANCES NOT SHOWN HEREON.  
2. 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.  
3. 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.  
4. 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.  
5. 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.

TAX #078-2 3  
PROPERTY OF  
BONNIE A. COCHRAN  
D.B. 1065, PG. 22  
ZONED: A1

TAX #078-2 2  
PROPERTY OF  
KAREN W. SHELOR  
INST. #2005010128  
ZONED: A1

TAX #078-A 62  
PROPERTY OF  
SHAH DEVELOPMENT  
INST. #2017008367  
ZONED: CB

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.

EMERGENCY SPILLWAY TO BE LINED WITH CLASS A1 RIPRAP

PROPOSED WSE OF POND ( $\pm 1924.2$ )

INFLOW CHANNEL (CONCRETE LINING)

PRINCIPAL SPILLWAY (CONCRETE LINING)

LIMITS OF DISTURBANCE: 0.85 ACRES

NAIL BENCHMARK  
ELEV: 1955.06

APPROXIMATE LIMITS OF "ZONE A" FLOODPLAIN PER GIS