

LIMITS OF DISTURBANCE:
TOTAL AS SHOWN= 2,158,742 S.F. (49.6 AC.) PERMITTED WITH
ROUND MEADOWS PROJECT (VAR101667)
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.

PROPOSED USE OF
POND (±1924.2)

TAX #494-A 62406
PROPERTY OF
SHAH DEVELOPMENT
INST. #2017008367
ZONED: A

APPROXIMATE LIMITS OF
"ZONE A" FLOODPLAIN PER GIS

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

APPROXIMATE LIMITS OF
"ZONE A" FLOODPLAIN PER GIS

PRINCIPAL SPILLWAY
(CONCRETE LINING)
SEE NOTES BELOW

EMERGENCY SPILLWAY
TO BE LINED WITH
CLASS A1 RIPRAP.
SEE NOTES BELOW

NAIL BENCHMARK
ELEV: 1955.06

GENERAL NOTES FOR: INFLOW CHANNEL, PRINCIPLE SPILLWAY, & EMERGENCY SPILLWAY

1. ANY EXCAVATION AT THE INLET, OUTLET, EMERGENCY SPILLWAY LOCATIONS SHALL BE STABILIZED AT THE END OF EACH DAY WITH EITHER BASE STONE/CONCRETE PLACEMENT OR RIPRAP.
2. CONTRACTOR SHALL PROVIDE DIVERSION WITH THE USAGE OF SANDBAGS/PUMP-AROUND/ALTERNATIVE-MEASURES TO PREVENT WATER FROM ENTERING VIA THE STREAM. (NOTE - INLET CHANNEL WILL BE BELOW THE ORDINARY HIGH WATER AND IS NOT TO MADE ACTIVE UNTIL STABILIZATION OF ALL INLET/OUTLET/EMERGENCY-SPILLWAY STRUCTURES HAS BEEN COMPLETED.

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
- (RR) RIPRAP MEETING VA ESCH STD. & SPEC. 3.19
- (TS) TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31
- (PS) PERMANENT SEEDING MEETING VA ESCH STD. & SPEC. 3.32
- (BM) BLANKETS & MATTING MEETING VA ESCH STD. & SPEC. 3.36

GENERAL NOTES:

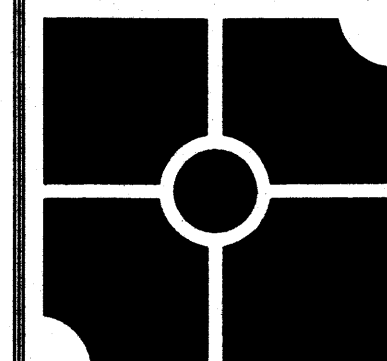
1. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. THEREFORE THERE MAY BE ENCUMBRANCES NOT SHOWN HEREON.
2. THE SUBJECT PROPERTY IS WITHIN THE LIMITS OF ZONE "A" AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL NO. 51121C0140C, EFFECTIVE DATE SEPTEMBER 25, 2009. THIS DETERMINATION IS 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 CLEMENS, 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.

Michael Kelly
APPROVED: Engineering

3/3/22
Date

Bruce
APPROVED: Planning

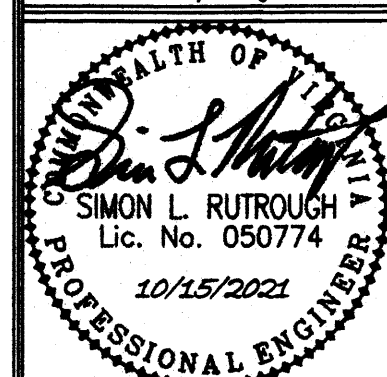
3 Mar 22
Date



parker
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Rec Pond Design The Reserve at Round Meadows

Town of Christiansburg, Virginia

REVISIONS:
TDC Comments - October 1, 2018
TDC Comments - May 20, 2021
TDC Comments - August 23, 2021
TDC Comments - October 14, 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