



American Electric Power  
P O Box 2021  
Roanoke, VA 24022-7121  
www.aep.com

Dari Jenkins  
Pulaski County Zoning Administrator  
143 Third Street, NW Suite 1  
Pulaski, VA 24301

February 10, 2004

Dear Dari,

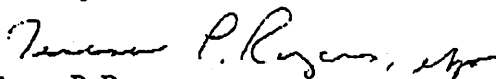
Thank you for the opportunity to review portions of the site plan for Camp Claytor, a Boy Scouts of America project proposed for Claytor Lake. The interests of the Hydro Generation Division of American Electric Power (AEP) lie within the project boundary of Claytor Lake, which is generally the 1850 contour.

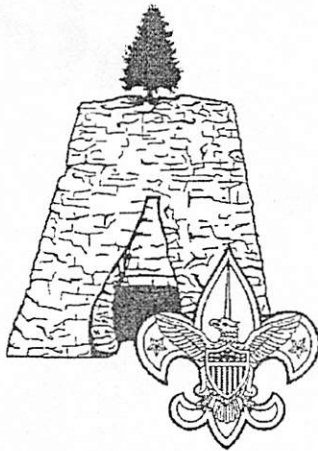
As you are well aware, a committee of representatives from the Friends of Claytor Lake (FOCL), Pulaski County, and AEP met for several years to develop specifications for occupancy and use within the Claytor Lake Project Boundary. Specifications for docks with no more than 10 slips serving residential uses are now regulated under the Pulaski County Zoning Ordinance. Docks with more than 10 slips serving single family uses and docks with any number of slips serving uses other than single family residential require a Special Use Permit from the Pulaski County Board of Supervisors and consultation with AEP prior to the Board's approval.

As the docks in the proposed site plan serve a non-residential use, they will not only require a Special Use Permit from the Board of Supervisors, but they will also require Federal Energy Regulatory Commission approval prior to AEP's approval. As a result, we request that a meeting be scheduled so that you and the applicant are aware of the process that must be followed as well as the draft specifications for non-residential uses developed by the committee. Preliminary comments based on the existing site plan and the shoreline guidelines include the removal of the boardwalk and the clustering of the slips into floating docks with multiple slips that are perpendicular to the shoreline.

Thank you for the opportunity to provide these comments. I look forward to working with you and the applicant. Please let me know a meeting time and location.

Sincerely,

  
Teresa P. Rogers  
Reservoir Superintendent



## Blue Ridge Mountains Scout Reservation Boy Scouts of America

February 28, 2006

Teresa P. Rogers  
Reservation Superintendent  
American Electric Power Co.  
PO Box 2021  
Roanoke, VA 24022-2121

Dear Mrs. Rogers:

The Claytor Lake Committee has settled upon a new master plan for our aquatics base and training center. This plan represents many hours of thought regarding the best utilization of the property. The waterfront system, including boat slips, service platforms, and boardwalks remains one of the key components of Phase I construction.

I am enclosing the application, drawings of the waterfront system, a statement of project purpose, and a description of the varying elements of the dock system. We previously submitted information on erosion controls, health permits, and natural heritage resources for the property.

Please let me know how I may further assist you in supporting our application.

Sincerely yours,

Gregory W. Harmon  
Program Director  
Blue Ridge Mountains Council

APPALACHIAN POWER COMPANY  
CLAYTOR PROJECT NO. 0739  
APPLICATION FOR NON-PROJECT USE OF PROJECT LANDS AND WATERS

Project Name: Claytor

FERC No.: 0739

**A. APPLICANT INFORMATION**

1. Application Type: Application for Non-Project Use of Project Lands and Waters

2. Applicant (Property Owner): Blue Ridge Mts Council, BSA

Address: PO Box 7606

Roanoke, VA 24019-0606

Telephone No. 540-265-0656

E-Mail harmongw@earthlink.net

Directions to Project Location: Take exit 105 on I-81, directly across the

mp is Rt. 605 (Little River Dam Rd), travel 6.6 miles, turn right 663, travel 2  
miles, entrance on right.

3. Water Body: Claytor Lake

4. Nearest Town: Redford, VA

5. County: Pulaski

6. State: Virginia

**B. PROJECT DESCRIPTION AND DETAILS**

**For Boat Docks**

a. Check One of the following:

- Non-commercial dock with more than a total of ten slips, serving single family type dwellings
- Non-commercial dock serving multi-family type dwellings
- Commercial pier, landing, boat dock(s) or similar structure(s)

**For Boat Docks (cont.)**

New Facility? (Y/N)

Y

Expansion of Existing Facility? (Y/N)

Y

If expansion, give total number of existing slips within the development

\_\_\_\_\_

Number of Proposed Boat Docks

14

Total Number of Covered Boat Slips

2

Total Number of Floating Slips

12

Total Number of Jet Ski Lifts

0

Dimensions of slips: 4 feet long x \_\_\_\_\_ feet wide, center to center *sizes vary, p cost*

Are docks open sided? (Y/N) \_\_\_\_\_

Are docks parallel or perpendicular to shoreline? perpendicular *see map*

Anticipated time frame for construction: \_\_\_\_\_

List below dock construction materials:

*Treated Timber (w/ possible composite decking)*

*Steel Piles*

*Flotation*

**Important:** Attach a detailed drawing of the dock layout with dimensions. (See Section E of this application for details.) Include the 1846' and 1850' contours, property lines and any other existing structures within the project boundary.

**For Other Activities Within Project Boundary (1850' contour )**

a. List below Shoreline Stabilization Activities (riprap, bulkheads, retaining walls):

- How many feet of shoreline will be stabilized. \_\_\_\_\_ feet
- Show all shoreline stabilization activities on detailed drawing of area. Include cross section drawing.

Include copy of Erosion and Sediment Control plan and permit.



**For Other Activities Within Project Boundary (1850' contour) (cont.)**

- b. Give existing water depths as measured from full pond (1846'): \_\_\_\_\_  
Will dredging be required? (Y/N) \_\_\_\_\_  
(Note: Efforts should be made to minimize the amount of dredging needed.)
- If dredging is required, how many cubic yards are you proposing to remove?  
\_\_\_\_\_ cubic yards
  - Attach a copy of the proposed dredging plan.

- c. Is any fill within the 1850' contour being proposed? (Y/N) yes  
• If yes, describe below.

—very minimal amount sand added to water entry area (#8 on map)

- d. List below any other proposed structures / activities to take place within the project boundary:
- Show all structures / activities on a detailed drawing of the area.

\* Please see attached master plan

**C. AFFECTED ENVIRONMENT**

**Proposed Site Area and Adjacent Properties**

- a. Give a description of the existing site conditions and the condition of the adjacent properties. (ex. Undeveloped, residential development, commercial area, etc.)

Existing site and environs are undeveloped woodlands; Clayton Lake State Park is to the North across the Cove. Please see attached property diagram.

b. If the distance to another property across water is less than 500 feet, describe the property directly across from the proposed activity.

-Property across the Cove to the East is undeveloped woodlands.

Property across Cove to the North is Cloyter Lake State Park

c. Will any wetlands be affected? (Y/N) NO

d. Are any bathrooms, septic drain fields or other sanitary related facilities being proposed within the 1850' contour? (Y/N) NO

e. List any measures being taken to protect water quality, recreation safety and aesthetic values at the proposed site.

Planning for the development of BSA Camp Cloyter includes a comprehensive drainage + erosion control plan (see attached).

#### D. CONSULTATION

##### Agency Consultation

Attach any information pertaining to consultations and approved permits with county, state or federal agencies, if applicable. These agencies include the County, the Virginia Department of Conservation and Recreation (VDCR), the Virginia Department of Historic Resources (VDHR), the Virginia Department of Health (VDH), the Virginia Department of Environmental Quality (VDEQ), the Virginia Department of Game and Inland Fisheries (VDGIF), and U.S. Corps of Engineers.

##### Public Notice

Attach any information pertaining to any public hearings already held regarding this project, if applicable.

## E. LIST OF ATTACHMENTS

Please include the following attachments with your application.

- Detailed explanation of the purpose of the facilities.
- Plan drawing of the proposed project showing all activities within the project boundary. Include a cross section drawing, if applicable. A drawing with the following information must be provided before an application will be processed:  
Check when completed:

- Location and dimensions of the proposed structure (the "Permitted Facility")
- Location of the project boundary (1850' contour)
- Location of the base elevation (1846' contour)
- Total length of shoreline as measured at the base elevation.
- All property lines
- Dock easement lines
- Distances from the Permitted Facility to dock easement lines
- Location of and distance to adjacent structures
- Size and location of enclosed areas
- Number of slips: 14 total
- Total Square Footage: 5,140 SF
- Location and distance to navigational aids
- Distance across the cove (as measured to the closest point on the shoreline):
- 
- If expansion, show existing and proposed.

Erosion and Sediment control plan and permit, if applicable.

Dredging Plan, if applicable.

- Correspondence with local / state/ federal agencies, if applicable.
- Public hearing information, if applicable.
- Photographs of the area of proposed construction.
- Any additional information pertaining to the project that you would like to have considered during the project review process.

**F. SIGNATURE**

The above information submitted in this application is certified to be true to the best of my knowledge.

2/28/06  
Date

Blue Ridge Mts. Council  
Dygon W. Henry PD  
Applicant (Property Owner) Signature

**G. AEP CONTACT INFORMATION**

Return Application to: American Electric Power  
Hydro Generation Department  
P.O. Box 2021  
Roanoke, VA 24012

Fax: 540-985-2318

To schedule a site visit to review completed application, please contact: Teresa Rogers  
540-985-2441

# Statement of Purpose

## A Proud Heritage

Since 1910 it has been the purpose of the Boy Scouts of America to provide an educational program for boys and young adults to build character, to train in the responsibilities of participating citizenship, and to develop personal fitness. In 1915, just five years after the organization of the Boy Scouts of America, Scouting began in southwest, central, and Southside Virginia. Since then, thousands of families in the Blue Ridge Mountains Council have been guided by the Scout Oath and Law toward developing in their children the highest level of mental, physical, moral, and spiritual well-being.

Youth join scouting for one reason—to have fun. It is through the fun, adventure, and challenge of camping, hiking, swimming, and other outdoor activities—coupled with our advancement programs—that our youth develop self-reliance, teamwork, and the value of personal fitness.

To provide the setting for fun, adventuresome, and challenging outdoor activities the council operates the Blue Ridge Scout Reservation near Pulaski, Virginia. This camp is nationally recognized as one of the premier scout camp programs in the United States. Each year scouts and leaders from over 25 states (from Texas to Maine) take part in an unmatched variety of Scouting activities designed to meet the basic needs of first time campers as well as providing exciting high adventure programs for returning campers. Camp attendance has increased every year since 1989, growing over 800%. In 2005, approximately 10,000 youth and adults experienced the quality programs at the Blue Ridge Scout Reservation making it the second largest attended camp in the country.

## A Vision for the Future

In 1999 the Blue Ridge Mountains Council, with input from volunteers, parents, council staff, and other interested individuals developed a five-year strategic plan that would ensure the council continues to be the premier provider of youth service programs in this region. A key component of this plan is the council's long-term camping program and its facilities—including Claytor Lake Aquatics Base.

## Claytor Lake Aquatics Base

In an effort to offer a complete aquatic program, Claytor Lake was established in 1994-95 on leased land from American Electric Power. This program is designed to offer a weeklong advanced aquatics program for older Scouts who have attended a basic "Scout Skills" camp for several years. The camp is one of the only BSA facilities in the region focusing on a wide spectrum of water-based activities.

A week spent at the aquatics base is packed with water-based fun! Scouts are offered an extremely versatile educational program to develop aquatic skills, safety, and an appreciation of recreational water activities. The camp's merit badge program, which is one of Scouting's basic character-building tools, includes Motor Boating, Small Boat Sailing, Water-skiing, and Rowing. The Rowing Merit Badge is completed in Olympic-style slide seat rowing shells. In addition, Snorkeling BSA is offered. Campers may also opt for an intense weeklong SCUBA certification course taught by P.A.D.I. certified instructors. Experienced divers may even take courses in advanced and rescue diving. There are also opportunities throughout the week for fishing, large boat sailing, tubing, boardsailing, swimming, kayaking, and qualifying for the Mile Swim Award.

## The Plan—Camp Claytor Lake

Thanks to a generous gift from American Electric Power, the Blue Ridge Mountains Council now owns a 68-acre site that is located less than a mile from the current Claytor Lake Aquatics Base. This new property will specialize in programs for our teenage (14 and older) scouting population during the summer and will provide excellent training opportunities for youth and adults throughout the remaining year. In addition to housing the current Claytor Lake Aquatics Base, the new property will become home to the New River Adventure Program (an adrenalin filled week of white water rafting, climbing, caving, mountain biking, white water canoeing, and challenge course activities) and Voyageur Trek (a week-long canoe trip down the New River that combines living history with aquatic education).

The master plan calls for:

- A central building for a dining hall that seats 384 campers and houses a trading post, first aid facility, administrative offices, leader lounge, internet café, and training facilities.
- Waterfront System
- Staff Housing
- Cabins to accommodate campers
- Adirondacks for long-term and short-term camping
- Welcome Center
- A ropes course and climbing tower
- Residence for Camp Ranger

This new site will enable the program to continue to grow and allow us to use the facility year-round for other programs. One such program planned is a new COPE Course. The COPE Course (Challenging Outdoor Personal Experience) is an intense physical and mental challenge activity that combines initiative games and low and high rope course events to help participants develop confidence, self-esteem, teamwork, trust, leadership skills, communication skills, decision making, and problem-solving skills. The course offers older scouts the kind of challenging and exciting program that encourages them to return to summer camp and increase their tenure in scouting. In addition, when our scouts are not using the course during the off-

season, the corporate community of southwest Virginia will be invited to participate in corporate team building, training, and outings.

Camp Cougar, a partnership between the Boy Scouts and Pulaski County School System, will also operate out of Camp Claytor Lake. This day camp is for approximately 150 Pulaski High School freshmen and sophomores who receive physical education credits for participating in multi-day outdoor programs. We also plan to provide an environmental education program where local schools can bring their students and teachers to participate in an experiential learning program that satisfies VA Standards of Learning.

Most importantly, this property will become an extension of our mission: "To prepare young people to make ethical and moral choices over their lifetimes by instilling in them the values of the Scout Oath and Law."

# Waterfront Description

## (Numbered on map)

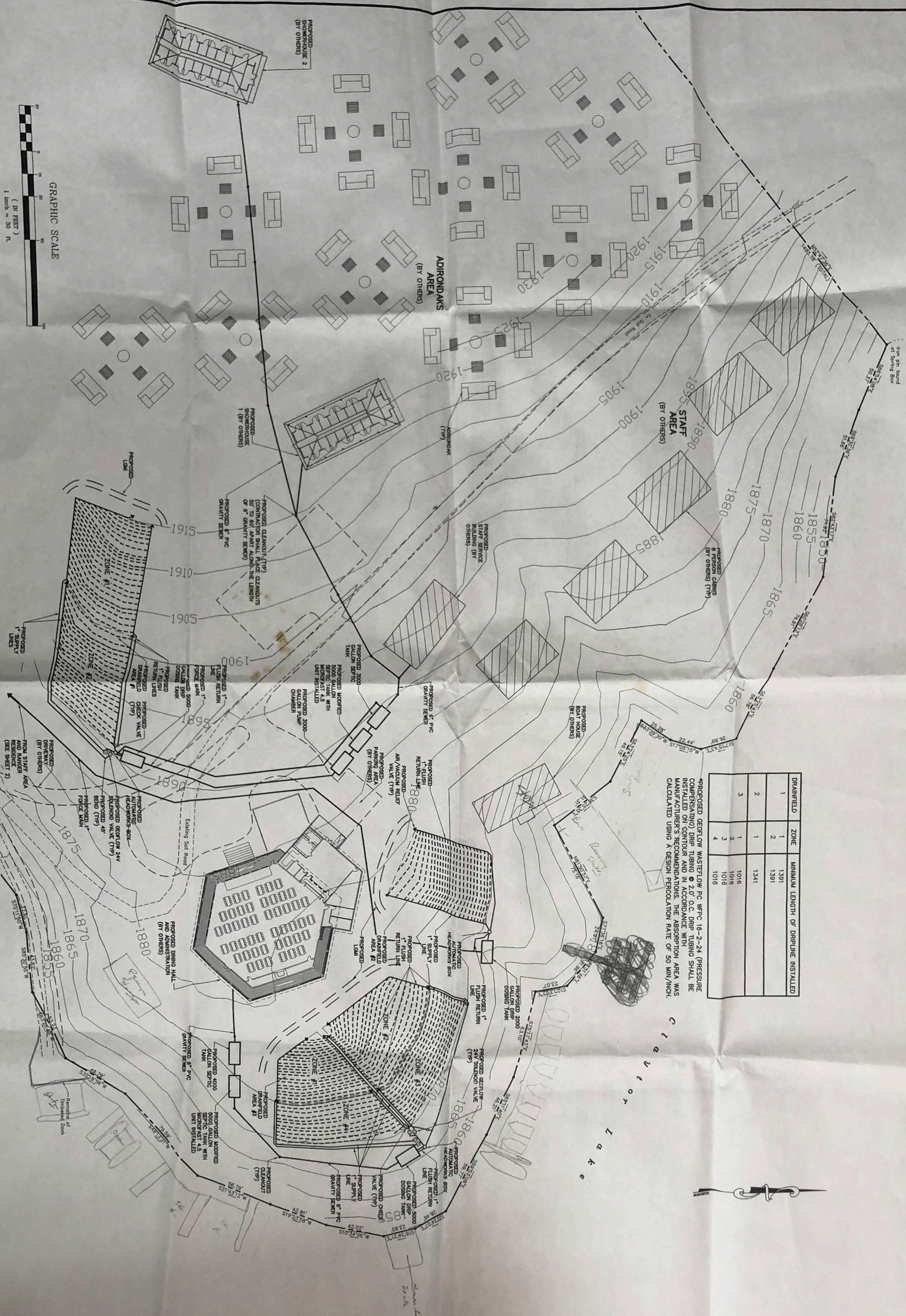
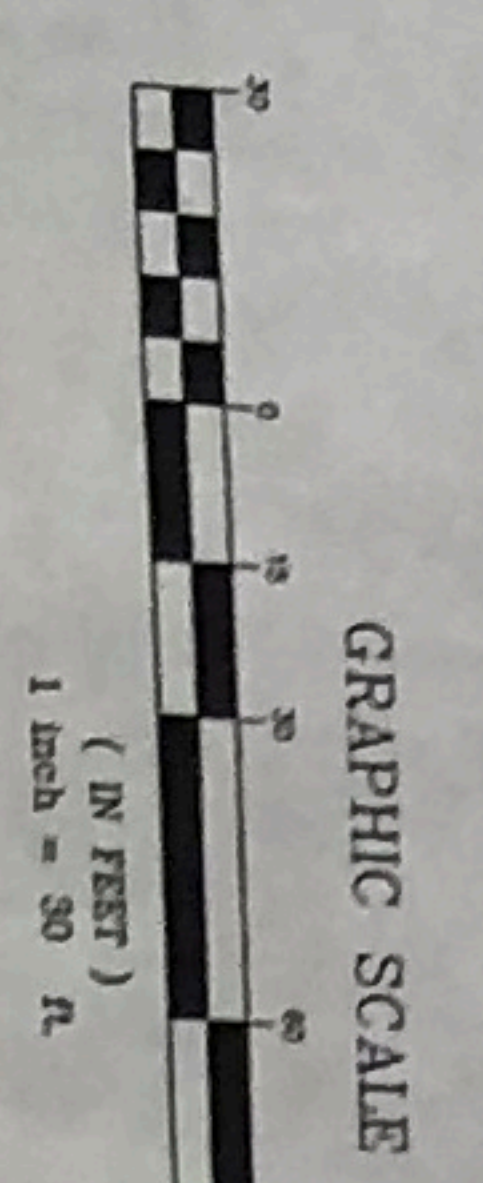
1. **Entrance, Observation, and Covered Slips**—This is easily the most important component of the waterfront. This area will be constructed on metal piles.
  - a. **Aesthetics**—This segment will be the most visible section of the new camp. Thus, its design will mimic the architectural themes of the central building, entrance, and other structures.
  - b. **Safety**—The BSA has an impressive history of safety during waterfront activities. Our program, Safe Swim Defense requires the following eight components: Qualified Supervision, Physical Fitness, Safe Area, Lifeguards on Duty, Lookout, Ability Groups, Buddy System, and Discipline (These protocols are identified more fully in an attachment). Each participant wishing to access the waterfront must have a “buddy” and must enter from this controlled point. Before entering, the buddy pair must ask permission and place their buddy tags in the appropriate area (depending upon their chosen activity) on the buddy board. Periodically, and after each merit badge session, the Aquatic Director must clear the board and ensure all participants are safe before continuing program.
  - c. **Observation Deck**—After entering through the control point and moving the buddy tag, there will be a small observation deck. Adults who wish to watch their scouts participate in program will primarily use this area. However, it is also an added safety feature—you can never have too many eyes.
  - d. **Aquatics Director Command Area**—This enclosed room on the top floor will contain safety equipment necessary for the operation of a safe aquatics program.
    - i. A radio base station will be installed so the Director can communicate with all motorized watercraft.
    - ii. In case of emergency, the area will also have a landline phone.
    - iii. There will be a weather radio system set-up to warn of impending storms.
    - iv. We will install speaker system to communicate with staff and scouts over the expanse of the waterfront.
    - v. A spotting scope will be available so the director can keep a close eye on the non-motorized craft in the cove.
  - e. **Covered Boat Slips**—This area will have two boatlifts to facilitate boat maintenance and allow year round use of watercraft. The area will also have a storage closet for life jackets (a BSA requirement for anyone utilizing a watercraft) and safety/rescue gear.
2. **Scuba Crib**—This will be the central area for water based P.A.D.I. instruction. This will be a fixed dock constructed on metal piers.
  - a. **Storage Area**—A small storage structure will be constructed on the land-side of the dock system to store extra oxygen tanks and breathing apparatus.
  - b. The central area of the crib contains a floor to provide a shallow area for skills instruction. This is needed to satisfy certain P.A.D.I. requirements such as learning to clear the mask underwater. This area also opens into the lake and will serve as the primary water entry point for scuba. Most importantly, this new



design allows us to avoid placing fill in the lake to create a shallow swim area as proposed in the original draft.

3. **Fringe Pier System**—This floating dock area will house our small fleet of motorboats, pontoon boats, and sailboats. The area will also contain racks for our Olympic slide seat rowboats and kayaks. The slips are designed perpendicular to the shoreline to make it easier for scouts learning to bring watercraft in and out of the dock area. The design also minimizes our extension into the cove area.
4. **Boardwalk and ADA Access**—This area will provide safe access for any physically disabled participants. In addition, the boardwalk will minimize erosion by moving impact away from the fragile/steep shoreline and provide additional fish habitat. Prior to constructing the dock system, we will contact John Copeland of VDGIF who has agreed to assist with plans to install woody structure for aquatic life.
5. **Training pavilion**—A small training pavilion will be constructed in this location to provide shelter from the sun and periodic rains. This area will also provide a controlled entry point to the waterfront.
6. **Boat Launch Area**—This area, though not in Phase 1 of construction, will provide important water access for the property. Though the launch location will greatly facilitate our summer program, it will also be vital to our year-round usage that currently supports groups such as the VA Tech Sailing Team. We have made a cursory examination of the area with engineers; however, we have not designed the structure as it is not in our first phase of construction. Be assured, we will contact the Corp of Engineers and submit all appropriate engineering plans before any construction will take place.
7. **Floating Dock**—This area will be designated as a swimming/snorkeling zone. During summer operation, we would like to attach a floating dock (as shown on the map) to provide a safety zone from boats, an observation point for the lifeguard, and a location to take a break from swimming.
8. **Waterfront Entry Point**—A steep slope that continues from the shore into the water characterizes this section of the property. The area already contains a rudimentary set of steps and a small entry pad. We would like to improve the area's access by installing more substantial steps and adding a minimal amount of sand to form a small (5x6) entry point into the water. These additions will improve our erosion control and add to the comfort of participants who will be able to wade into the water rather than jumping in.
9. **Fishing/Swim test Boardwalk**—This area will not be constructed in the immediate future due to financial constraints; however, it is important for two reasons. First, it will provide a controlled fishing location designed to minimize erosion along the waterfront. Secondly, it will provide a location to conduct the BSA Swim Test—a requirement for any participant wishing to have a buddy tag.



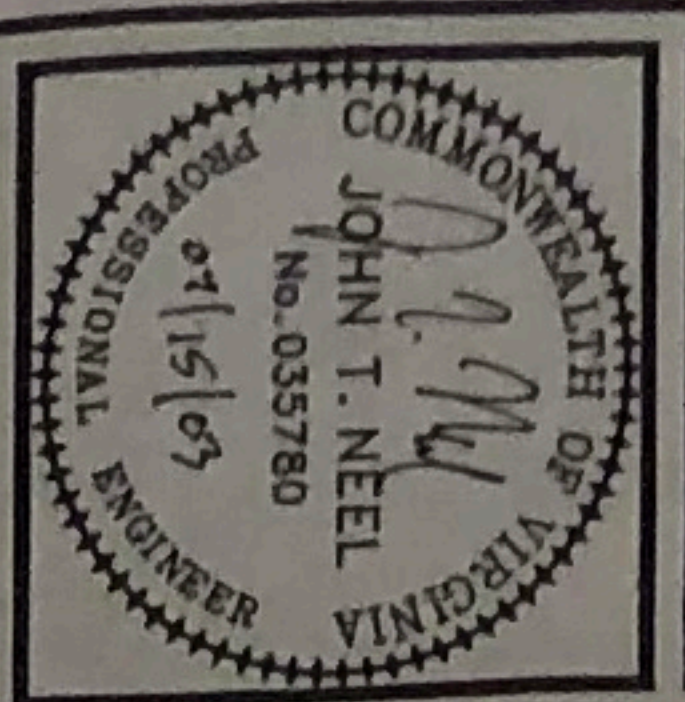


PROPOSED GEORLOW WASTEWATER PC WPPC 18-2-24 (PRESSURE COMPENSATING) DRIP TUBING @ 2.0' O.C. DRIP TUBING SHALL BE INSTALLED ON CONTOUR AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE ABSORPTION AREA WAS CALCULATED USING A DESIGN PERCOLATION RATE OF 50 MIN/INCH.

DRAINFIELD	ZONE	MINIMUM LENGTH OF DRIPLINE INSTALLED
1	1	1391
2	1	1391
3	1	1341
3	2	1016
3	3	1016
4	4	1016

DESIGNED/CALED: JTN  
 CHECKED: MJC  
 DATE: 07/11/03  
 JOB NO. 1246.0  
 SHEET 3 OF 8

REVISIONS:



Boy Scouts of America  
 Camp Claytor  
 Alternative Septic  
 Pulaski County, Virginia

MicroFAST  
 Sewage Treatment System

GAY AND KEESEE, INCORPORATED  
 ENGINEERING LANDSCAPE ARCHITECTURE SURVEYING  
 1260 Radford Street  
 Christiansburg, Virginia 24073  
 Phone: (540) 381-6011  
 Fax: (540) 381-2773  
 Email: info@gayandkeese.com



Professional Engineer  
**COMMONWEALTH OF VIRGINIA**  
 RICHARD A. WILLET  
 No. 18464  
 PROFESSIONAL ENGINEER

Brightwaters Engineering  
 Salem, Virginia 24153  
 540-585-2167

NOTE: FIELD-VISIT ALL DISTANCES AND ELEVATIONS FROM TO STARTING CONSTRUCTION. ALL DIMENSIONS ARE TO BE REFERENCED TO THE ENGINEER INDICATED.

NOTE: REVIEW AND APPROVAL OF THESE PLANS DOES NOT RELIEVE THE OWNER, CONTRACTOR AND DEVELOPER FROM MEETING ALL OF THE REQUIREMENTS OF THE ZONING ORDINANCES AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

RESPONSIBLE LAND DISTURBER:  
 Richard A. Willet, P.E.  
 (P.E. #10494, VA)  
 540-585-2167

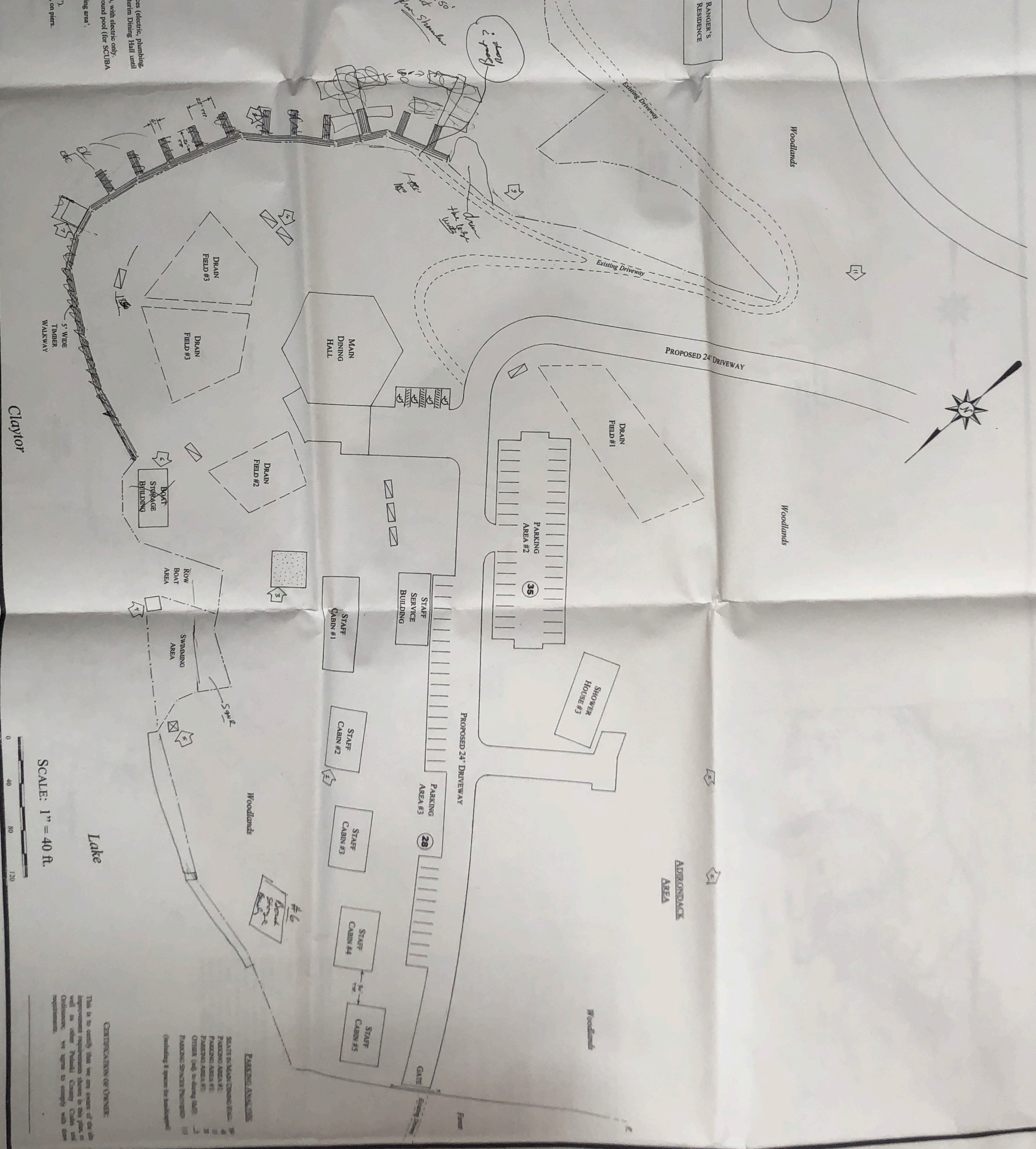
- KEYED NOTES
- 1) Staff Cabin is year-round lodging, with services (electric, plumbing, HVAC). Staff Cabin #1 will also serve as interim Dining Hall until the Main Dining Hall is constructed.
  - 2) Wilderness type cabin (20' x 16') for campers with electric only.
  - 3) 10' x 30' concrete slab for portable above ground pool (for SCUBA).
  - 4) Floating Dock, with rope-making off swimming area.
  - 5) Lifeguard stand.
  - 6) Boat Storage Building (24' x 48').
  - 7) Covered Boat Slip (2 boat capacity, 22' x 20').
  - 8) 6" wide timber deck and 5' timber walkway on piers.
  - 9) 6" wide timber deck and 5' timber walkway on piers.
  - 10) Underground septic tank (typical).
  - 11) Zip Line (above).

*Just the low on this map also below 150' below in Central by BGP*

*max 50' from shoreline*

*2' from 150'*

*Jan/Feb site visit was per plan*



SCALE: 1" = 40 ft.

0 40 80 120

CERTIFICATION OF OWNER:

This is to certify that we are aware of the requirements of the zoning ordinance and all other applicable local, state, and federal regulations. We agree to comply with all requirements.

PARKING ANALYSIS

SPACES IN MAIN DINING HALL: 20

SPACES IN STAFF CABIN #1: 2

SPACES IN STAFF CABIN #2: 2

SPACES IN STAFF CABIN #3: 2

SPACES IN STAFF CABIN #4: 2

SPACES IN STAFF CABIN #5: 2

SPACES IN BOAT STORAGE BUILDING: 10

SPACES IN ROW BOAT AREA: 10

SPACES IN ADIRONDACK AREA: 10

SPACES IN PARKING AREA #1: 10

SPACES IN PARKING AREA #2: 10

SPACES IN PARKING AREA #3: 10

SPACES IN PARKING AREA #5: 10

TOTAL SPACES: 100

DATE	3
PROJECT	CAMP CLAYTOR
CLIENT	BOY SCOUTS OF AMERICA
LOCATION	PULASKI COUNTY, VIRGINIA
SCALE	1" = 40 FT.
DATE	07/18/18
BY	R. WILLET
CHECKED BY	R. WILLET
DATE	07/18/18

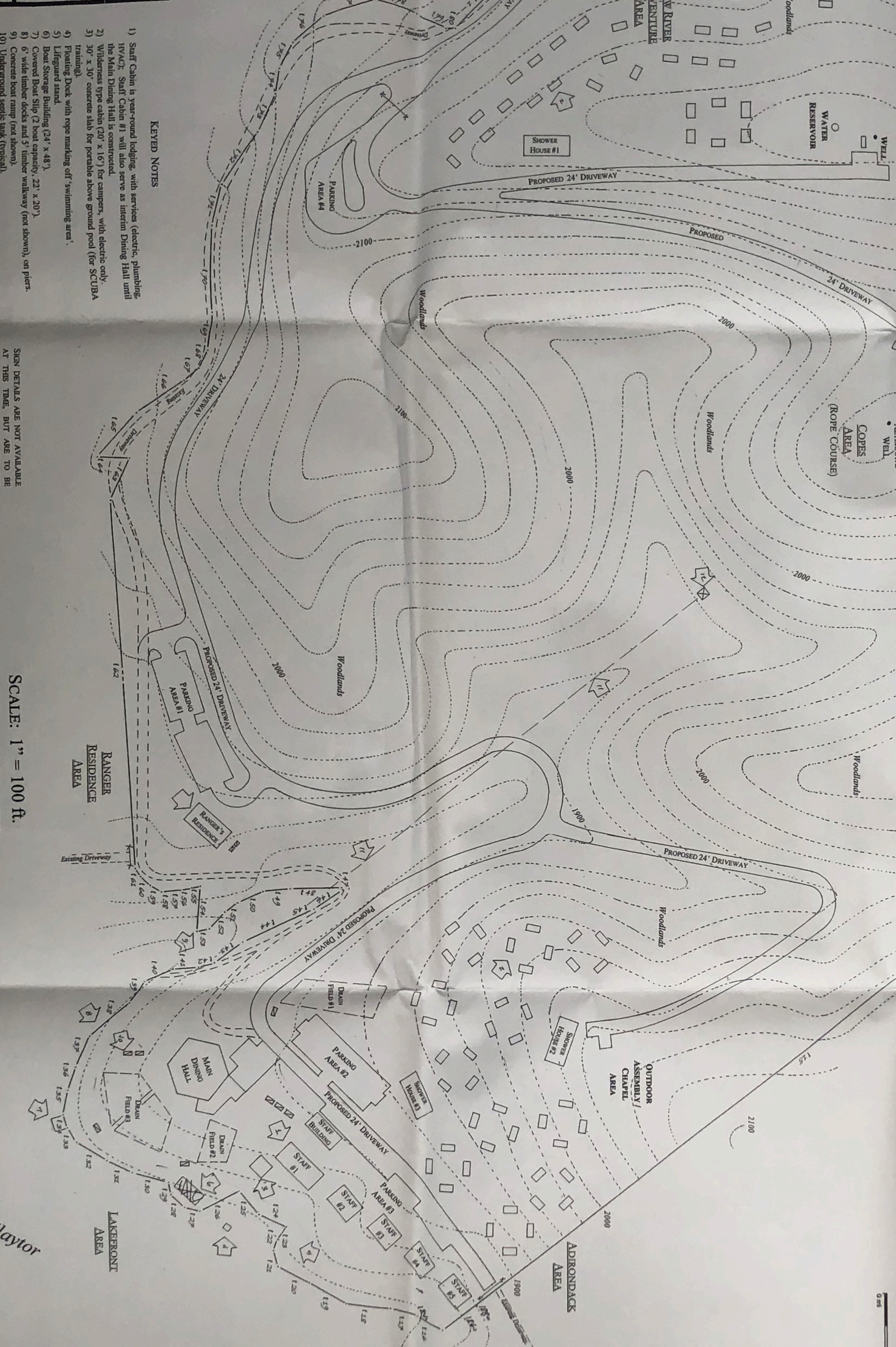
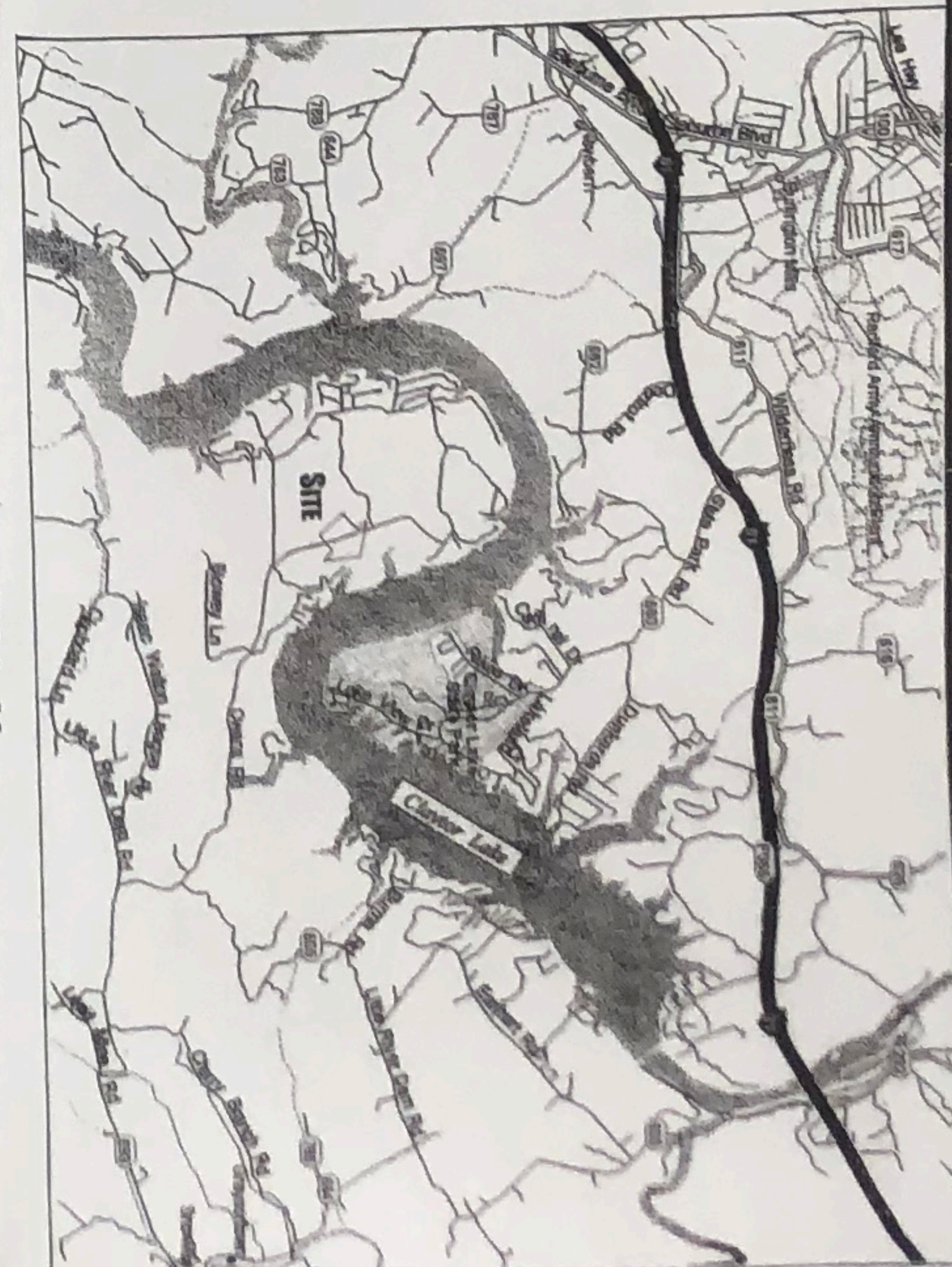
CAMP CLAYTOR - LAKEFRONT & RANGER RESIDENCE AREAS

**BOY SCOUTS OF AMERICA**

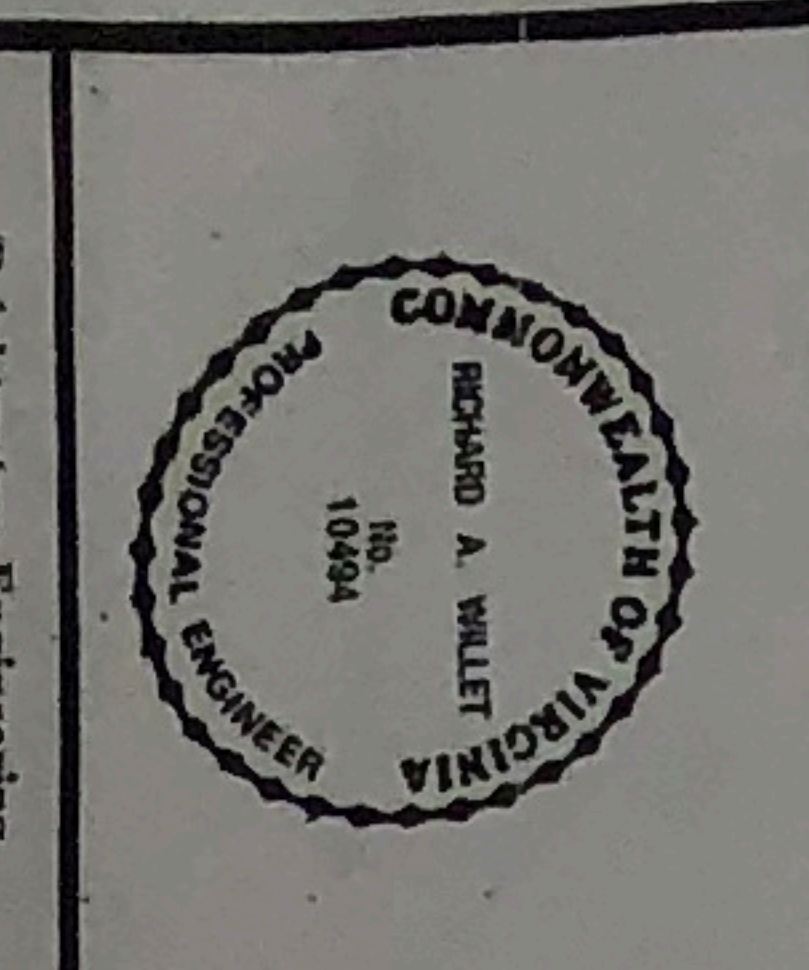
Pulaski County, Virginia




1	1.4	862.87	3,027.18	0.00	W
2	1.4	868.77	3,027.18	0.00	W
3	1.4	874.67	3,027.18	0.00	W
4	1.4	880.57	3,027.18	0.00	W
5	1.4	886.47	3,027.18	0.00	W
6	1.4	892.37	3,027.18	0.00	W
7	1.4	898.27	3,027.18	0.00	W
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11	1.4	921.87	3,027.18	0.00	W
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16	1.4	951.37	3,027.18	0.00	W
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21	1.4	980.87	3,027.18	0.00	W
22	1.4	986.77	3,027.18	0.00	W
23	1.4	992.67	3,027.18	0.00	W
24	1.4	998.57	3,027.18	0.00	W
25	1.4	1004.47	3,027.18	0.00	W
26	1.4	1010.37	3,027.18	0.00	W
27	1.4	1016.27	3,027.18	0.00	W
28	1.4	1022.17	3,027.18	0.00	W
29	1.4	1028.07	3,027.18	0.00	W
30	1.4	1033.97	3,027.18	0.00	W
31	1.4	1039.87	3,027.18	0.00	W
32	1.4	1045.77	3,027.18	0.00	W
33	1.4	1051.67	3,027.18	0.00	W
34	1.4	1057.57	3,027.18	0.00	W
35	1.4	1063.47	3,027.18	0.00	W
36	1.4	1069.37	3,027.18	0.00	W
37	1.4	1075.27	3,027.18	0.00	W
38	1.4	1081.17	3,027.18	0.00	W
39	1.4	1087.07	3,027.18	0.00	W
40	1.4	1092.97	3,027.18	0.00	W
41	1.4	1098.87	3,027.18	0.00	W
42	1.4	1104.77	3,027.18	0.00	W
43	1.4	1110.67	3,027.18	0.00	W
44	1.4	1116.57	3,027.18	0.00	W
45	1.4	1122.47	3,027.18	0.00	W
46	1.4	1128.37	3,027.18	0.00	W
47	1.4	1134.27	3,027.18	0.00	W
48	1.4	1140.17	3,027.18	0.00	W
49	1.4	1146.07	3,027.18	0.00	W
50	1.4	1151.97	3,027.18	0.00	W
51	1.4	1157.87	3,027.18	0.00	W
52	1.4	1163.77	3,027.18	0.00	W
53	1.4	1169.67	3,027.18	0.00	W
54	1.4	1175.57	3,027.18	0.00	W
55	1.4	1181.47	3,027.18	0.00	W
56	1.4	1187.37	3,027.18	0.00	W
57	1.4	1193.27	3,027.18	0.00	W
58	1.4	1199.17	3,027.18	0.00	W
59	1.4	1205.07	3,027.18	0.00	W
60	1.4	1210.97	3,027.18	0.00	W
61	1.4	1216.87	3,027.18	0.00	W
62	1.4	1222.77	3,027.18	0.00	W
63	1.4	1228.67	3,027.18	0.00	W
64	1.4	1234.57	3,027.18	0.00	W
65	1.4	1240.47	3,027.18	0.00	W
66	1.4	1246.37	3,027.18	0.00	W
67	1.4	1252.27	3,027.18	0.00	W
68	1.4	1258.17	3,027.18	0.00	W
69	1.4	1264.07	3,027.18	0.00	W
70	1.4	1269.97	3,027.18	0.00	W
71	1.4	1275.87	3,027.18	0.00	W
72	1.4	1281.77	3,027.18	0.00	W
73	1.4	1287.67	3,027.18	0.00	W
74	1.4	1293.57	3,027.18	0.00	W
75	1.4	1299.47	3,027.18	0.00	W
76	1.4	1305.37	3,027.18	0.00	W
77	1.4	1311.27	3,027.18	0.00	W
78	1.4	1317.17	3,027.18	0.00	W
79	1.4	1323.07	3,027.18	0.00	W
80	1.4	1328.97	3,027.18	0.00	W
81	1.4	1334.87	3,027.18	0.00	W
82	1.4	1340.77	3,027.18	0.00	W
83	1.4	1346.67	3,027.18	0.00	W
84	1.4	1352.57	3,027.18	0.00	W
85	1.4	1358.47	3,027.18	0.00	W
86	1.4	1364.37	3,027.18	0.00	W
87	1.4	1370.27	3,027.18	0.00	W
88	1.4	1376.17	3,027.18	0.00	W
89	1.4	1382.07	3,027.18	0.00	W
90	1.4	1387.97	3,027.18	0.00	W
91	1.4	1393.87	3,027.18	0.00	W
92	1.4	1399.77	3,027.18	0.00	W
93	1.4	1405.67	3,027.18	0.00	W
94	1.4	1411.57	3,027.18	0.00	W
95	1.4	1417.47	3,027.18	0.00	W
96	1.4	1423.37	3,027.18	0.00	W
97	1.4	1429.27	3,027.18	0.00	W
98	1.4	1435.17	3,027.18	0.00	W
99	1.4	1441.07	3,027.18	0.00	W
100	1.4	1446.97	3,027.18	0.00	W



**RESponsible Land Disturbance:**  
 Richard A. White, P.E.  
 P.E. #10494, VA  
 540-389-2167



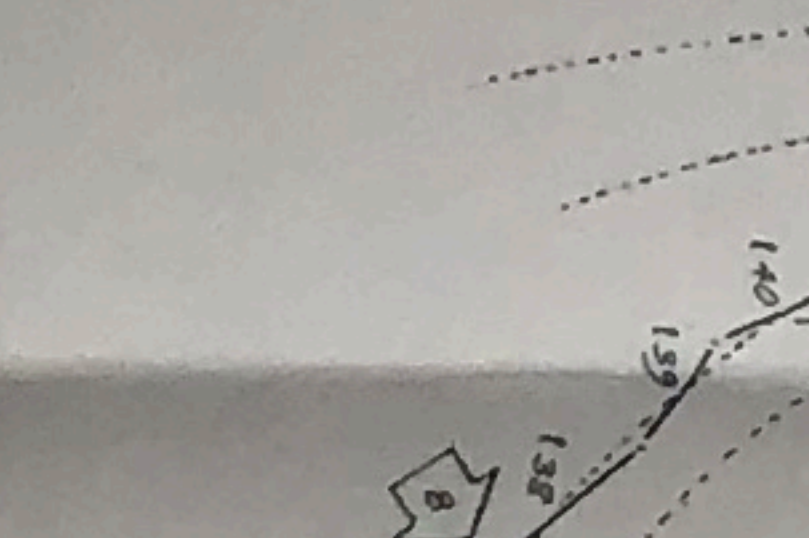
**NOTE:** FIELD VERIFY ALL DISTANCES AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION. ALL DIMENSIONS ARE TO BE REPORTED TO THE DESIGNER IMMEDIATELY.

**NOTE:** BEFORE ANY APPROVAL OF THESE PLANS DOES NOT RELIEVE THE OWNER, CONTRACTOR AND DEVELOPER FROM MEETING ALL OF THE REQUIREMENTS OF THE ZONING ORDINANCES AND SUBDIVISION REGULATIONS OF PULASKI COUNTY, AND ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**KEYWORD NOTES**

- 1) Staff Cabin is year-round lodging, with services (electric, plumbing, HVAC). Staff Cabin #1 will also serve as interim Dining Hall until the Main Dining Hall is constructed.
- 2) Wilderness type cabin (20' x 16') for campers, with electric only.
- 3) 30' x 30' concrete slab for portable above ground pool (for SCUBA training).
- 4) Paving Pad with rope marking of "swimming area".
- 5) Boat Storage Building (24' x 48').
- 6) Boat Storage Building (24' x 48').
- 7) Covered Boat Slip (2 boat capacity, 22' x 20').
- 8) 6' wide timber deck and 5' timber walkway (not shown), on piers.
- 9) Concrete boat ramp (not shown).
- 10) Underground septic tank (typical).
- 11) Zig Line (above).
- 12) Climbing Tower.

SCALE: 1" = 100 ft.



- NOTES**
- 1) The proposed project consists of the construction of a new camp for the Boy Scouts of America, Boy Scouts of America Council #1, a majority of the property, located on the east side of the project, and a majority of the property (see site plan) and a majority of the property (see site plan).
  - 2) The permitted capacity of the camp is 354 members. The permitted capacity of the camp is 354 members. The permitted capacity of the camp is 354 members.
  - 3) The heavily wooded 68,097 acre property is registered as Pulaski County Tax Map #75-115. The property is located along the Claytor Lake. The property is under a Conditional Approval (A-11).
  - 4) The property is not located within any FEMA 100 year Flood Zone.
  - 5) One new driveway is proposed in conjunction with the project for ingress and egress. Any and all construction performed within the public right-of-way, is to be performed in accordance with DOT standards and specifications. A plan showing the public right-of-way, prior to any construction, shall be submitted to the County Engineer for review.
  - 6) The facility will be served by a VDH-approved private, engineered water system consisting of a well, a storage tank and a distribution system. The facility will also be served by a VDH approved private, engineered sanitary sewer system consisting of a collection system and a series of septic tanks and drainfields.
  - 7) All two way driveways are to be at least 24 ft wide. All parking spaces for automobiles are to be 9 ft by 18 ft with a 2 ft aisle. 96 stall single, tandem and other stalls shown are to be 9 ft by 18 ft, regulated by the site plan.
  - 8) Any and all new signs installed on site are to be in accordance with Pulaski County Zoning Regulations. Boundary and topographic survey information is obtained from a map entitled "Boundary Map of Overall Layout" dated 7/11/03, prepared by John Need, P.E.
  - 9) Location and information pertaining to existing facilities field verified prior to construction.
  - 10) All construction is to be in accordance with Pulaski County standards and specifications. Use well is in accordance with all applicable local, State, and Federal standards and specifications, and shall be subject to inspection by Pulaski County personnel.

**CERTIFICATION OF OWNER:**  
 This is to certify that we are aware of the site requirements (requirements shown in this plan, as well as other Pulaski County Codes and Ordinances), we agree to comply with these requirements.

**CAMP CLAYTOR - MASTER PLAN  
 BOY SCOUTS OF AMERICA  
 Pulaski County, Virginia**

REVISIONS	BY

NO.	DATE	DESCRIPTION
1	12-22-03	CONCEPT
2	01-29-04	PRELIMINARY
3	07-28-04	FINAL



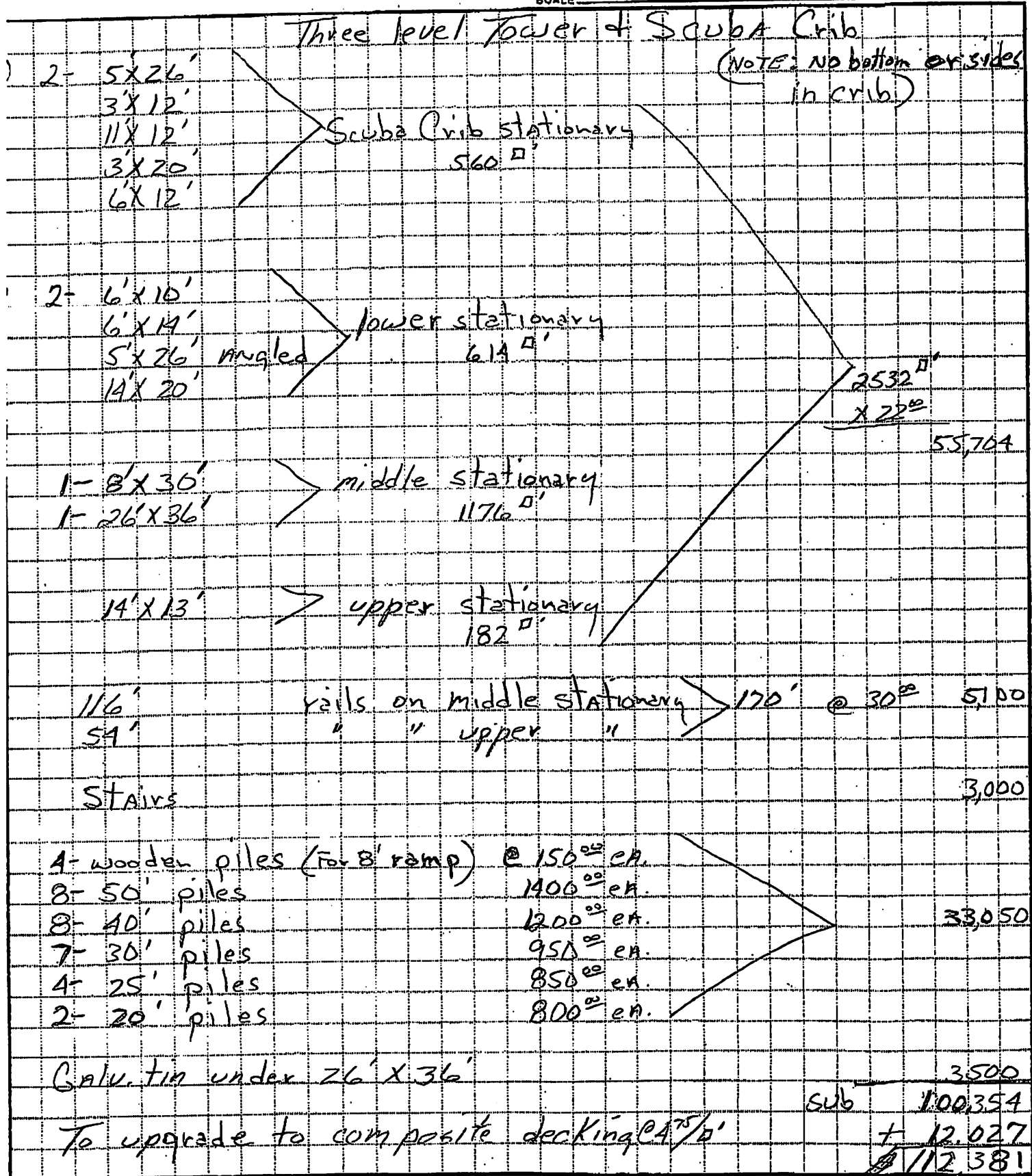




**TURNER'S BUILDING INC.**  
 P. O. Box 26  
 UNION HALL VIRGINIA 24176  
 (540)576-2678

JOB Camp Claytor - Boy Scouts  
 SHEET NO. 1 OF 4  
 CALCULATED BY MAT DATE 2/22/06  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_



**TURNER'S BUILDING INC.**  
P. O. Box 26  
UNION HALL VIRGINIA 24176  
(540)576-2678

JOB Camp Clayton - Bay Scouts  
SHEET NO. 2 OF 4  
CALCULATED BY MAT DATE 2/22/06  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_

Floating slips with ramp coming off Tower

1- 6' X 181' Floater	1086 <sup>sq'</sup>	
5- 3' X 20' Floater	300 <sup>sq'</sup>	
1- 16' X 20' Floater	320 <sup>sq'</sup>	
2- 12' X 20' Floater	480 <sup>sq'</sup>	
1- 7' X 20' Floater	140 <sup>sq'</sup>	
	<u>2326<sup>sq'</sup></u>	@ 27 <sup>00</sup> /sq'
		\$ 62,802

14- 2' X 2' angles 1400

11- 20' steel piles @ 800<sup>00</sup> 8800

11- H.D. pipe brackets @ 500<sup>00</sup> 5500

1- 4' X 16' ramp 2000

\$ 80,502

To upgrade to composite decking @ 175/sq' ± 14,048

\$ 94,540

**TURNER'S BUILDING INC.**

P. O. Box 26  
UNION HALL VIRGINIA 24176  
(540)576-2678

JOB Camp Claytor - Boy Scouts

SHEET NO. 1 OF 1

CALCULATED BY MAT DATE 2/22/06

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_

- ① Tower + Scuba Crib / composite upgrade \$ 112,381
- ② Floating slips / ramp / composite upgrade 9,1540
- ③ Additional floater to existing timber dock / upgrade 33,707

\$ 237,628

10% increase for work  
to begin in Fall 2006

237,63

\$ 261,391<sup>00</sup>

Not included in estimate are any cleats, dock bumper, roofs, racks for canoes, lighting, or electric.

This is not a quote from Turner's Building Inc. We can only give quotes 30 days prior to start of work.



**TURNER'S BUILDING INC.**

P. O. Box 26  
UNION HALL VIRGINIA 24176  
(540)576-2678

JOB Camp Claytor - Boy Scouts

SHEET NO. 3 OF 4

CALCULATED BY MHT DATE 2/22/06

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_

Additional Floater from Floating Slips  
OVER to existing timber deck

6' X 115' Floater = 690 0' @ 27°/0' ~~18,630~~

6- 20' piles @ 800<sup>00</sup> 4800

6- H.D. dock brackets @ 500<sup>00</sup> 3000

4' X 16' ramp 2000

stabilize entrance at existing timber deck 2000

~~30,430~~

To upgrade to composite decking @ 4<sup>25</sup>/11' 3277

~~33,707~~

Theresa Rogers  
AEP

Customer Service



~~1-800-956-4237~~

Operator

OR

1-877-237-2886

Ther.

Ext.

985 =

2441

Rocky mt

~~489~~ 489-2556

ADBE 38.73

Rocky  
Hamm's HET 38.97