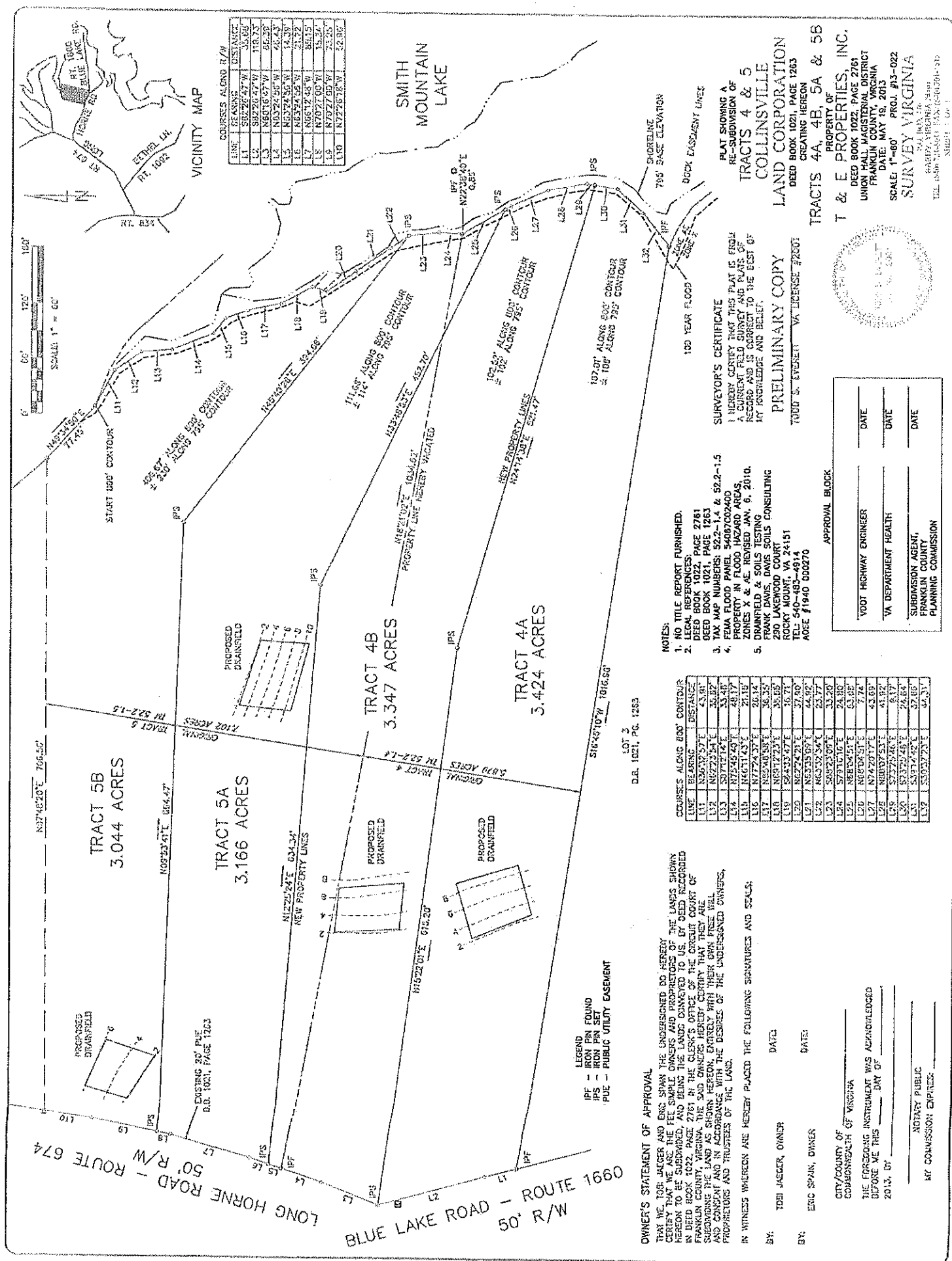




OWNER'S STATEMENT OF APPROVAL

THAT WE, TONI JACOB AND ERIC SPAIN THE UNDERSIGNED DO HEREBY CERTIFY THAT WE ARE THE SOLE AND TRUE OWNERS AND PROPRIETORS OF THE LANDS SHOWN HEREON TO BE THE LANDS CONVEYED TO US, BY DEED RECORDED IN DEED BOOK 1022, PAGE 2767 IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF FRANKLIN COUNTY, VIRGINIA, THIS 12TH DAY OF MARCH, 1998, THAT THEY ARE THE LANDS SHOWN HEREON, ENTIRELY FREE OF ANY MORTGAGES, LIENS, ENCUMBRANCES AND CONSORT IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNERS, PROPRIETORS AND TRUSTEES OF THE LAND.

IN WITNESS WHEREOF, I HEREBY PLACE THE FOLLOWING SIGNATURE AND SEAL:

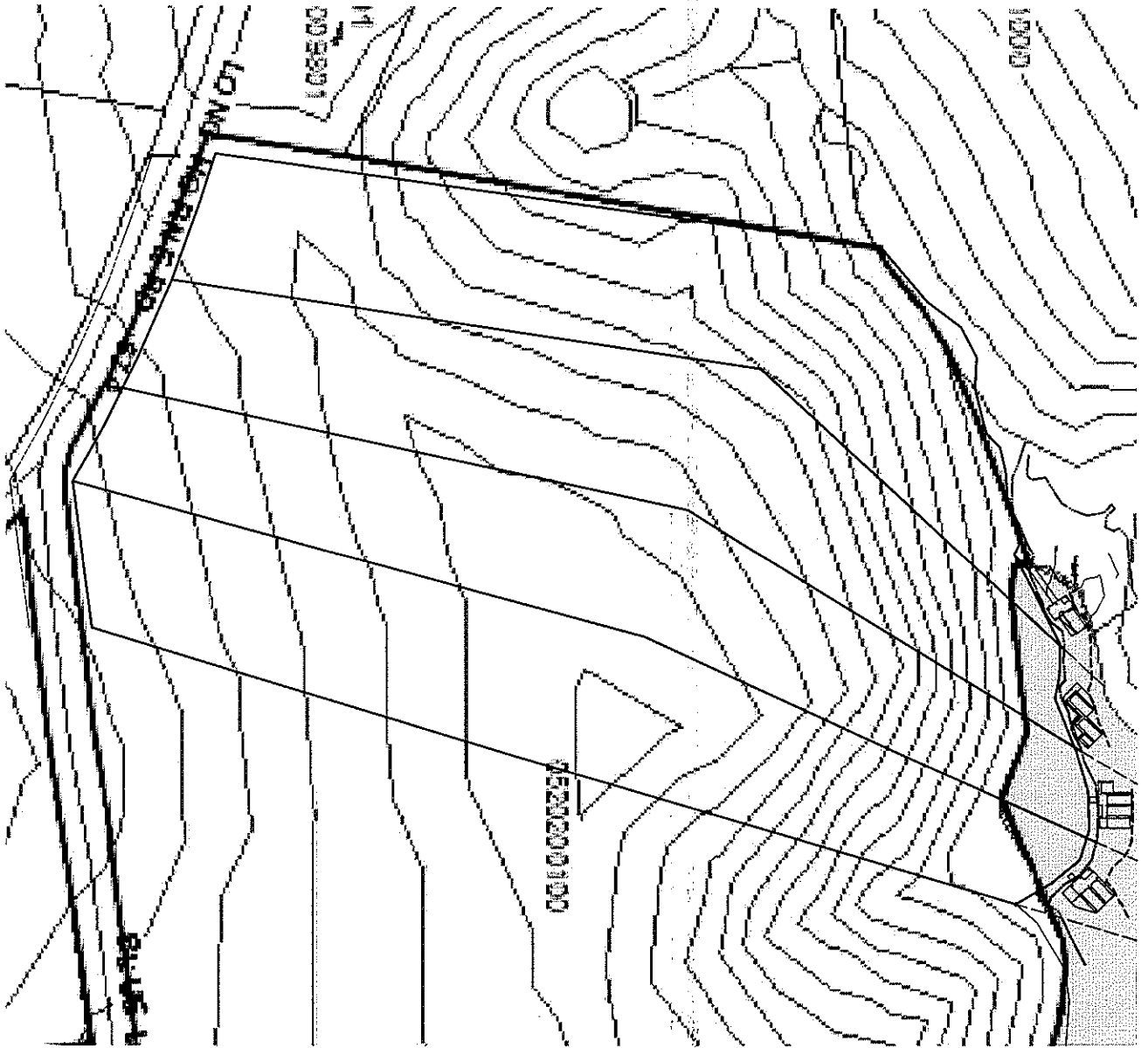
三六

BY: _____ DATE: _____

CITY/COUNTY OF
COMMONWEALTH OF VIRGINIA

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED
BEFORE ME THIS _____ DAY OF _____
2013, BY _____

NOTARY PUBLIC
MY COMMISSION EXPIRES: _____



Restrictions

8K1022 PG 02762

Deed Book 240, page 204 and (2) deed dated the 1st day of June, 1967, from J. M. Scites, et al, recorded in Deed Book 239, page 95, of the aforesaid Clerk's Office. Reference is here made to all the foregoing documents for a more particular description of the property herein conveyed.

The property herein conveyed is made subject to the covenants and restrictions, applicable to Tract 1 through 5 and Tract A on surveys thereof made for Collinsville Land Corporation August 27, 2012, by Ronald E. Yount, Land Surveyor, recorded as Instruments #120007193 and 120007194 in Book 1021, pages 1263 and 1264 of the Franklin County Circuit Court Clerk's Office, as follows:

1. These covenants and restrictions are made covenants running with the land and shall be binding on all lot owners, their heirs, devisees or assigns for a period of thirty (30) years from the date hereof.

2. No commercial business shall be conducted on any tract.

3. Minimum living space shall be as follows:

a. Single-story dwelling shall have a minimum floor space of 1,000 square feet.

b. Two-story dwelling must have a minimum floor space of 1,500 square feet.

4. Any further subdivision of these tracts must be in accordance with Franklin County requirements. Any tracts created by re-subdivision shall be subject to these Covenants and Restrictions.

5. No noxious animals, i.e., pig or poultry, or offensive activity shall be carried on upon any lot, nor shall anything be done thereon which may be or may become obnoxious, a nuisance or a health hazard to the neighborhood. This does not prevent having horses, cattle or other such livestock. Also, this provision shall not prevent a property owner from raising chickens or other fowl for domestic consumption.

#1022 PG 02763

6. No structure of a temporary character, trailer, single-wide, double-wide, triple-wide or manufactured home built on a steel frame, basement, tent, shack, garage, barn or other outbuilding shall be used on any lot at any time as permanent residence. Such structures may be used as a temporary dwelling for not more than six (6) months. Systems built off frame modular homes are acceptable as long as they meet the minimum square footage requirements.

7. No residence shall have exposed concrete, cinder block or masonry foundation extend above finish grade so as to be visible from an adjoining property.

8. Trash, garbage or other waste shall not be kept except in sanitary containers. No tractor-trailers, non-operating vehicles or unlicensed automobiles, unused objects or apparatus, or clutter of any kind shall be permitted to remain on any parcel or any portion thereof.

9. Should any proceeding at law or in equity decree that any one or part of any one of the foregoing Covenants and Restrictions be declared invalid, the same will not invalidate all or any part of the remaining covenants and restrictions.

This deed is signed in behalf of the Grantor by due and proper authority given to its President by its Board of Directors and Stockholders as of the day and year first above written:

COLLINSVILLE LAND CORPORATION

BY: Milford A. Weaver (SEAL)
Milford A. Weaver, President

STATE OF VIRGINIA

CITY OF MARTINSVILLE, TO-WIT:

I, Peggy J. Young, a Notary Public in the State and for the City aforesaid, do hereby certify that Milford A. Weaver, whose name as President of Collinsville Land Corporation, is signed to the foregoing writing bearing date of the 22nd day of October, 2012, personally appeared before me this



American Electric Power
Hydro Generation
P.O. Box 2001
Roanoke, VA 24022-2101
AEP.com

T & E Properties, Inc.
4925 Boonsboro Road #232
Lynchburg, VA 24503

September 1, 2015

Gentlemen:

Thank you for your recent request to construct a low density single family residential use boat dock along the shoreline of Rt 674-Long Horne Road, Rt 1660-Blue Lake Road, Tract 4A adjacent to Smith Mountain Lake in Franklin County. A copy of your permit (0550-15-0147) is enclosed. Please note that this permit supersedes permit (0550-13-0307) issued by American Electric Power on February 19, 2014. This permit is being issued conditionally upon the following conditions:

- (1) Construction of a structure not exceeding one-third (1/3) of cove as measured at the 795 contours at their closest locations in relation to all areas of the dock.
- (2) Construction of a structure with at least a 15 foot setback as measured from the dock easement or extended property line to the roof overhang or outermost portion of the dock. In addition, upon completion of the structure, a survey will be required in order to verify such distances.
- (3) Construction of a structure including roof overhangs not exceeding 1500 square feet.
- (4) No vegetation being removed from within the project boundary (800 foot contour) without a permit from Appalachian Power.

Please be reminded of the following requirements:

1. **Effective February 23, 2007 all dredging activities are prohibited between February 15 and June 15. In addition, all in-water construction activities are prohibited in areas classified as Resource Protection Area during the same time period. Prior to any pile driving, pile removal, or shoreline stabilization between April 15 and June 15, the property owner/permittee shall inspect the location of the proposed piles for the presence of largemouth bass nests and document any findings. If largemouth bass nests are detected, then shoreline stabilization shall be delayed until after June 15. In addition, if largemouth bass nests are detected, then pilings shall either be relocated to an alternate location upon approval by Appalachian Power Company (Appalachian) or construction shall be delayed until after June 15. Pile driving during this time period shall be limited to impact installations. Documentation of the inspection for large mouth bass nests shall be provided upon request. Appalachian staff will perform follow up inspections at selected sites.**
2. Mail to Appalachian a copy of your County Building Permit so that upon receipt of the County Building Permit the Appalachian permit is valid.
3. Install white reflective tape or white reflectors on each furthestmost waterward corner of the dock and every 20 feet on both sides of the dock.
4. Do not remove vegetation within the project boundary (800 foot contour at Smith Mountain Lake and 620 foot contour at Leesville Lake) without prior permission from Appalachian. For more information please refer to Section 2.5.12, Vegetative Cover Regulations in the Shoreline

0550-15-0147

Management Plan as approved by Federal Energy Regulatory Commission (FERC) Order
Modifying and Approving Updated Shoreline Management Plan issued January 30, 2014 (SMP)
and found at www.smithmtn.com.

5. Upon completion of the structure, contact us for a final inspection.

Thank you. Should you have any questions, please call me at 540-985-2579.

Sincerely,



Lisa H. Hammock
Plant Support Specialist IV
Enclosure

OCCUPANCY AND USE PERMIT
Prepared by Appalachian Power Company

This Permit by and between **APPALACHIAN POWER COMPANY**, a Virginia corporation, doing business as American Electric Power ("AEP"), whose address is 40 Franklin Road, S.W., Roanoke, Virginia 24022, hereinafter referred to as the **GRANTOR**; and T & E Properties, Inc., hereinafter referred to as the **GRANTEE**, whose address is 4925 Boonsboro Road #232, Lynchburg, VA 24503.

WITNESSETH

THAT, WHEREAS, Grantor has the authority and responsibility under its Federal Energy Regulatory Commission (FERC) license ("License") and its land rights to review and authorize certain activities within the Smith Mountain Project boundary which includes both Smith Mountain Lake and Leesville Lake (all land within the 800 foot contour for Smith Mountain Lake and within the 620 foot contour for Leesville Lake or as surveyed) (the "Project"); and

WHEREAS, Grantee has received all necessary approvals from the responsible state and local authorities to install the following improvements (the "Permitted Facility") at their property located at Rt 674-Long Horne Road, Rt 1660-Blue Lake Road, Tract 4A, Tax Map Parcel 0520200104 according to the Franklin County Real Estate Records (the "Site") as submitted in an application to Grantor signed and dated July 31, 2015 with cover letter from AEP signed and dated September 1, 2015:

- ☒ New Low Density Single Family Residential boat dock, pier, or similar structure
- ☐ Expansion or modification to existing low density single family residential boat dock, pier or similar structure
- ☐ Legacy Program for docks or piers in existence prior to the SMP
- ☐ New Low Density Multi-Use dock facility with not more than two slips per 100 feet of shoreline and is intended to serve single-family type dwellings (one home per parcel.)
- ☐ Expansion or modification to existing low density multi-use dock facility with not more than two slips per 100 feet of shoreline and is intended to serve single-family type dwellings (one home per parcel.)

WHEREAS, no money has exchanged hands for this permit.

WHEREAS, this permit supersedes the permit (0550-13-0307) issued by American Electric Power on February 19, 2014.

WHEREAS, Grantor is willing to issue this Permit to Grantee for the aforesaid use and occupancy of the Project's lands and waters upon the terms and conditions hereinafter set forth.

NOW THEREFORE, for and in consideration of the Premises and other good and valuable consideration, the receipt of which is hereby acknowledged, Grantor grants to Grantee this Permit, being the right and license to enter upon the Project lands lying adjacent to and abutting Grantee's property for the purpose of installing, operating and maintaining the Permitted Facility, including the right of ingress and egress, with all materials and equipment necessary or convenient to effectively carry out the above stated activity in a good and workmanlike manner.

By acceptance of this Permit, Grantee agrees to the Terms and Conditions set forth on Exhibit "B" attached hereto and the following:

Grantor, pursuant to its License, has the continuing responsibility to supervise and control the uses and occupancies for which it has granted permission and to monitor the use of and ensure compliance with the conditions under which this Permit has been granted. As a result, the use and occupancy hereby permitted is deemed to be made under a revocable license from Grantor. As such, if the use and occupancy violates any condition of the License or any other condition imposed for the protection and enhancement of the Project's scenic, recreational or other environmental values, or upon the petition of any other permitting agency, Grantor shall take such lawful action necessary to address the situation. Such action may include, if necessary, the cancellation of this Permit and the removal of the non-complying structures and facilities. Furthermore, any structures or other use associated with this Use and Occupancy Permit must be maintained in good repair and comply with applicable federal, state and local requirements.

In addition, the water levels at Smith Mountain Lake can rise up to and occasionally exceed the 800 foot contour during periods of high inflow, and fall as low as 787 feet and occasionally lower during periods of low inflow, maintenance or drought. Historically, water levels as measured at the dam reached 799.79 feet in 1978 and 787 feet in 2010. Leesville Lake can fluctuate between 613 feet and 600 feet during normal operations as measured at the dam. The project boundary at Leesville is to elevation 620 feet, because the water level has the potential for increasing upstream depending upon flows from Smith Mountain. Water levels can occasionally exceed or fall lower than these elevations due to floods, droughts, or maintenance. These elevations should be taken into consideration when designing structures.

The Grantee acknowledges that the any Permit granted shall be limited to Grantor's authority under its License and to its land rights to the property within the Project.

DATED this 31 day of August, 2015

GRANTOR:

APPALACHIAN POWER COMPANY

By: Brad Jones

~~Frank M. Simms~~ Brad Jones
Plant Manager ~~##~~
American Electric Power Service Corporation
Authorized Signer

STATE OF VIRGINIA)

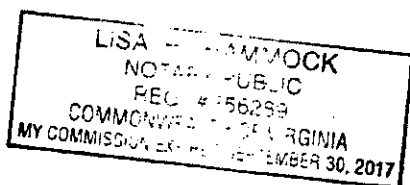
City of Roanoke

) To-wit:
)

The foregoing Permit was acknowledged before me this 31 day of August, 2015, by Frank M. Simms, Plant Manager ~~##~~ Brad Jones, Authorized Signer for Appalachian Power Company, on behalf of the company.

Lisa Hammock
Notary Public

My commission expires: 9/30/2017



GRANTEE:

T-1 Properties, Inc. by
Eric N. Spain, President

STATE OF VA)

County of Franklin

) To-wit:
)

The foregoing Permit was acknowledged before me this 18 day of May, 2015, by Eric Spain, GRANTEE.

Rela Dillon
Notary Public

My commission expires: 1-31-16

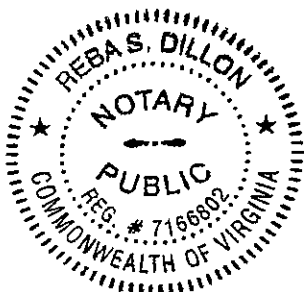


EXHIBIT "B"

**Low Density Use
Boat Dock/Pier
Smith Mountain and Leesville Lakes**

TERMS AND CONDITIONS OF PERMIT FOR BOAT DOCK / PIER ("Permitted Facility")

This Permit is granted by APCO and accepted by the Grantee, subject to the following terms and conditions:

1. Grantee is the property owner or has the legal rights necessary to obtain this Permit.
2. This Permit is granted solely for the purpose described by the applicant in this Permit. No addition or design change shall be made to this Permitted Facility without prior approval from APCO.
3. Copies of the approved county permits must be forwarded to APCO for the APCO permit to be valid.
4. Construction shall be completed within one (1) year of the Permit issuance date.
5. All shoreline distances are measured from the 795 foot contour National Geodetic Vertical Datum (NGVD) at Smith Mountain Lake and the 613 foot contour NGVD at Leesville Lake. Verifying the location of these elevations and all appropriate distances is the responsibility of the Grantee.
6. The Permitted Facility shall not be used for human or animal habitation.
7. The Permitted Facility shall not contain permanent or temporary sanitation facilities.
8. Floating facilities shall be securely anchored.
9. No attempt shall be made by the Grantee to forbid the full and free use by the public of all waters within the project boundary, at or adjacent to the Permitted Facility or to unreasonably interfere with that full and free use in connection with the ownership, construction, operation or maintenance of the Permitted Facility.
10. a) APCO may revoke this Permit whenever it determines that the public interest necessitates such revocation. The revocation notice shall be by thirty (30) days' notice, mailed to the Grantee by registered or certified letter, and shall specify the reason for such action.

b) APCO may revoke this Permit whenever it determines that the Grantee has failed to comply with the conditions of this Permit. The revocation notice shall be by thirty (30) days' notice, mailed to the Grantee by registered or certified letter, and shall specify the reason for such action. The Permit will not be terminated if Grantee is diligently working to cure such violation within a reasonable period after such notice.

11. The Grantee is responsible for proper design, engineering, construction, maintenance and placement of the Permitted Facility. APCO's review and approval of the plans are no guarantee or assurance the Grantee's plans are proper or adequate for the purpose intended.
12. It is understood and agreed by and between APCO and Grantee that part of the consideration for the granting of this Permit for shoreline use is the Grantee's agreement to keep Project lands and waters occupied by and surrounding the Permitted Facility free of all waste, garbage, and other unsightly debris and materials and is to comply with local health rules and regulations.
13. This Permit is granted to Grantee as a personal right and the parties agree that nothing herein shall be construed to create any easement or other property interest in Grantee. This Permit may be assigned to (i) a successor who shall purchase, inherit or otherwise acquire the land that is benefitted by this Permit or (ii) to a property or unit owners association which shall be responsible for the maintenance of the boat slips permitted hereby and the land which is benefitted by this Permit or (iii) to a bank or other licensed lending institution which shall provide a loan on the land that is benefitted by this Permit or for the construction of the boat slips which are permitted hereby. In order to be effective, any assignment shall provide for the assignee's agreement in writing to comply with the terms of this Permit and APCO must give its written consent to such assignment, which consent shall not be unreasonably withheld. Any other attempted assignment or transfer shall render this Permit null and void.
14. In the event that any previously known or unknown cultural resource materials are discovered, all work associated with this permit must be stopped. Appalachian must be notified and consultation with the State Historic Preservation Office (SHPO) must be completed before any further work within the work area will be allowed to continue. In addition:

A. The Grantee shall notify Appalachian and SHPO immediately and follow-up with a written account of the discovery. The Grantee may be required to employ an archaeologist who meets or exceeds the qualifications described in the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) to assess the eligibility of the resource for inclusion in the National Register.

B. If the resource is determined to be eligible for inclusion in the National Register, and the applicant wishes to continue with the activity, the Grantee shall ensure that an archaeologist who meets or exceeds the qualifications described in the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) shall prepare a

plan for its avoidance, protection, or recovery of information. The SHPO shall approve such plan, prior to implementation.

C. Work in the affected area shall not proceed until either:

a. Appropriate data recovery or other approved mitigation procedures are developed and implemented, or

b. The determination is made that the located resources are not eligible for inclusion on the National Register.

15. Any other associated work within the project boundary shall be done in accordance with the Shoreline Management Plan for the Smith Mountain Pumped Storage Project as approved by FERC Order Modifying and Approving Updated Shoreline Management Plan issued January 30, 2014 and all associated amendment, addendum and revision thereto in effect as of the date of this Permit.
16. The Permitted Facility shall be constructed, maintained, and operated in accordance with plans heretofore submitted to and approved by APCO. No modifications to the Permitted Facility, or additions thereto, or use thereof, shall be made without first securing the approval of APCO.
17. This Permit is granted at the sole risk of Grantee, their employees, agents, contractors, subcontractors and designees and Grantee agrees to indemnify, hold harmless, and defend APCO, and its agents, employees, officers, directors and contractors to the extent permitted by law, against all costs, expenses, suits, actions, and claims arising out of injuries to persons (including death) or damage to property, caused by Grantee, their employees, agents, contractors, subcontractors or designees attributable to the performance of work on the above described Site, the presence or use of the Permitted Facility by Grantee, their employees, agents, contractors, subcontractors, or designees, excepting any liability arising from APCO's sole negligence, or that portion of any liability attributable to APCO's contributing or concurrent negligence.
18. This Permit is granted subject to all of the terms and conditions of APCO's License for the Smith Mountain Combination Project FERC No. 2210, and any amendments or renewals thereof, and any orders granted by Federal Energy Regulatory Commission pursuant to the provisions of the License; to all prior easements, rights-of-way, covenants, conditions, and servitudes whether or not of record affecting title to the Site, and to such state of facts as an accurate survey or examination of the Site may reveal.
19. Grantee shall at their expense keep and maintain the Site and the Permitted Facility thereon and appurtenances thereof in good repair and in safe and sanitary condition, ordinary wear and tear excepted. Grantee shall conform with and do all things necessary to comply with every applicable state, federal, or local governmental statute, law, regulation, order, or requirement relating to the Permitted Facility. Grantee shall take appropriate action to guard and warn against dangerous conditions, uses, structures, or activities on the Site. At the expiration or earlier termination of this Permit, Grantee shall

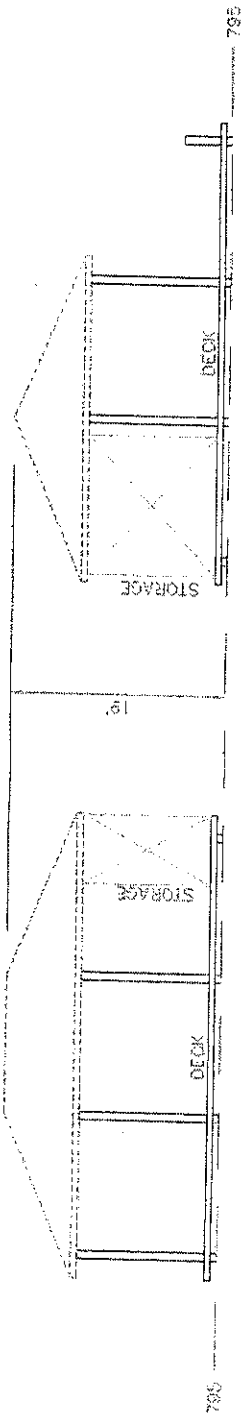
return the Site to APCO in substantially the same condition as when Grantee's occupancy commenced, ordinary wear and tear excepted unless otherwise directed. Throughout the term of this Permit, APCO shall have the right at all reasonable times to enter the Site for the purpose of inspecting same.

20. Grantee shall keep and maintain the Site and the Permitted Facility thereon and appurtenances thereof free of any unapproved regulatory markers and any non-regulatory markers or buoys.
21. Grantee agrees that they will assert no interest contrary to that held by APCO with respect to the Site, and that their status hereunder shall be deemed to be that of a licensee.
22. Grantee shall make any person using the Permitted Facility aware of these conditions and ensure their compliance therewith.
23. Grantee agrees to all conditions set forth in the Smith Mountain Pumped Storage Project Shoreline Management Plan as approved by FERC Order Modifying and Approving Updated Shoreline Management Plan issued on January 30, 2014 and all associated amendment, addendum and revision thereto in effect as of the date of this Permit.
24. Where applicable, the terms of the **FLOWAGE RIGHT AND EASEMENT DEED SMITH MOUNTAIN COMBINATION HYDRO ELECTRIC PROJECT UPPER AND LOWER RESERVOIRS** (the "Easement") that apply to the Permitted Facility are incorporated herein by reference. The terms and provisions of the Easement shall control wherever the same may be in conflict with this Permit.

ADDITIONAL TERMS AND CONDITIONS FOR EXISTING NON- CONFORMING AND LEGACY PROGRAM DOCKS

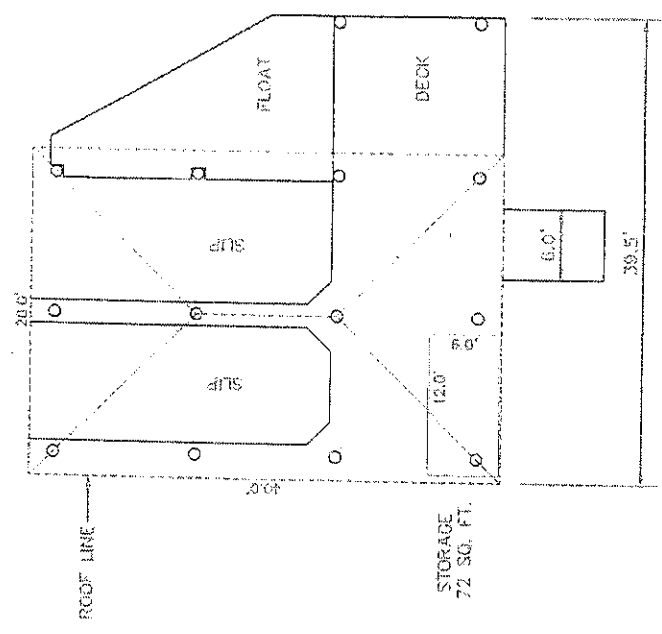
25. Any structures other than docks or piers which are located within the 800 foot contour elevation at Smith Mountain Lake or the 620 foot contour elevation at Leesville Lake (Project boundary) shall not be replaced. Docks or piers located within the Project boundary may only be replaced under certain circumstances (see Section 2.7 a. of the SMP).
26. Walkways which are located between the base elevation and the Project boundary, that exceed the width requirements of the Shoreline Management Plan shall not be replaced.
27. Enclosures exceeding the size or location specifications set forth in the Shoreline Management Plan shall not be rebuilt.
28. Any future replacement dock or pier will be placed within the buildable area to the greatest extent possible considering setbacks to dock delineation lines and the application of one third of the cove methodology.

29. If the structure is located adjacent to shoreline classified as a Resource Protection Area, then any future replacement structure shall maintain, to the greatest extent possible, a setback if at least thirty (30) feet from the Resource Protection Area.
30. Any replacement structure shall not include habitation or sanitation facilities.



SIDE ELEVATION

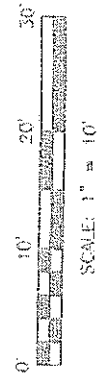
FRONT ELEVATION



PLAN VIEW

Handwritten notes:
 12/16/17
 12/16/17
 12/16/17

PROPOSED DOCK
 1465 SQ. FT.



PROPOSED ELEVATION DOCK LOCATION
 PROPERTY OF
T & E PROPERTIES, INC.
 DEED BOOK 1022, PAGE 2761
 LOT 4A
 COLLINSVILLE LAND
 CORPORATION
 DEED BOOK 1035, PAGE 1201
 UNION HALL MAGISTERIAL DISTRICT
 FRANKLIN COUNTY, VIRGINIA
 DATE: MAY 16, 2015
 SCALE: 1"=10' PROJ. #13-022E4A2
SURVEY VIRGINIA
 P.O. BOX 306
 HARDY, VIRGINIA 22070
 TEL: 540-331-9411

NORTH MERIDIAN
D.B. 1055, PG. 1201

TRACT 4B
TAX MAP 52.2-1.4B

SHORELINE
795' BASE ELEVATION
± 108' ALONG 795' CONTOUR

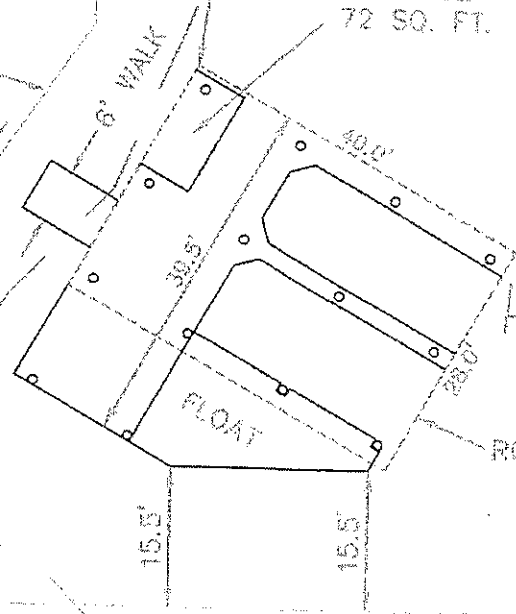
107.01' ALONG
800' CONTOUR

TRACT 4A
TAX MAP 52.2-1.4

DOCK EASEMENT LINE
N24°14'38"E

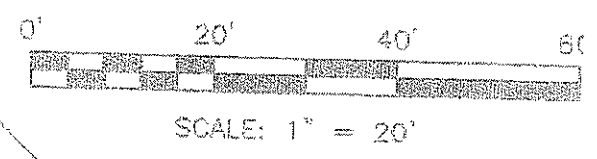
6'x12'
STORAGE
72 SQ. FT.

PROPOSED DOCK
1465 SQ. FT.



DOCK EASEMENT LINES
N16°46'10"E

WILLIAM RODERIQUE
D.B. 1023, PAGE 1806
TM 55.2-1.3



4A

Davis Soils Consulting
290 LAKEWOOD COURT
(540) 483-4914 Office
ROCKY MOUNT, VA 24151

(540) 483-1881 Fax

AOSE/PE Report for:

Construction Permit ☐

Certification Letter ☐

Subdivision Approval ☒

Property Location: <u>Union Hall</u>	
911 Address: _____	City: _____
Lot <u>4A</u> Section _____	Subdivision <u>Collinsville Land Corp</u>
GPIN or Tax Map # <u>52.2-1.4 & 52.2-1.5</u>	Health Dept. ID # _____
Latitude _____	Longitude _____

Applicant or Client and address:	
Name: <u>T & E Prpoerties, INC</u>	
Street: <u>4825 Boonesboro Rd.</u>	
City <u>Lynchburg</u> State <u>VA</u> Zip Code <u>24503</u>	

Prepared by:	
AOSE Name <u>C. Frank Davis</u>	License # <u>1940 001002</u>
Address <u>290 Lakewood Ct.</u>	
City <u>Rocky Mount</u> State <u>VA</u> Zip Code <u>24151</u>	
PE Name _____	License # _____
Address _____	
City _____ State _____ Zip Code _____	

Date of Report <u>5/28/2013</u>	Date of Revision #1 _____
AOSE/PE Job # _____	Date of Revision #2 _____

Contents/Index of this report (e.g., Site Evaluation Summary, Soil Profile Descriptions, Site Sketch, Abbreviated Design, etc.)	
1. AOSE Report	5. Abbreviated Design Page
2. Site & Soil Summary	
3. Profile Description	
4. Plat	

Certification Statement	
I hereby certify that the evalution and/or designs contained herein were conducted in accordance with the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630) and all other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess any professional license by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein.	
☐ The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in Code of Virginia Section 54.1-402.A.11	
I recommend that a (select one): construction permit ☐ certification letter ☐ subdivision approval ☒	
be (select one) issued ☒ denied ☐	
AOSE/PE Signature <u>Frank Davis</u>	Date <u>5/28/2013</u>

Appendix 2
Soil Summary Report

GENERAL INFORMATION

Date 5/28/2013 Submitted to Franklin Co. Health Department

Applicant T & E Properties, INC Telephone No. 434-941-7586

Address 4925 Boonesboro Rd. Lynchburg, VA 24503

Owner Same Address _____

Location _____

Tax Map 52.2-1.4 & 52.2-1.5 Subdivision Collinsville Land Corp

Block/Section _____ Lot 4A

SOIL INFORMATION SUMMARY

1. Position in landscape satisfactory Yes ☒ No ☐
Describe Side Slope
2. Slope 13 %
3. Depth to rock or impervious strata: Max. _____ Min. _____ None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐ _____ inches
5. Free water present No ☒ Yes ☐ _____ range in inches
6. Soil percolation rate estimated Yes ☐ No ☒ Texture group: I ☐ II ☒ III ☐ IV ☐
Estimated rate: 40-45 min/inch
7. Permeability test performed Yes ☐ No ☒
if yes, note type of test performed and attach

☒ Site Approved; Drainfield to be placed at 78" depth at site designated on permit.

☐ Site Disapproved:

Reason for rejection:

- 1 ☐ Position in landscape subject to flooding or periodic saturation.
- 2 ☐ Insufficient depth of suitable soil over hard rock
- 3 ☐ Insufficient depth of suitable soil to seasonal water table.
- 4 ☐ Rates of absorption too slow.
- 5 ☐ Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
- 6 ☐ Proposed system too close to well.
- 7 ☐ Other Specify _____

(attach additional pages if necessary)

4/23/2013

Lot# 4A

See application sketch

See construction permit

X See attached

[illegible]

Appendix 6
Abbreviated Design FormLot# 4A

For use with gravity and pump drainfields, enhanced flow systems and low pressure distribution systems when applying for a certification letter or subdivision approval.

Design Basis

- A. Estimated Percolation Rate 40-45
- B. Trench bottom square feet required per bedroom
Table 4.6 based on ☒ Gravity ☐ LPD 315
- C. Number of bedrooms 4

Area Calculations

- D. Length of trench 70' Length of available area 70'
- E. Width of trench 3'
- F. Number of trenches 6
- G. Center-to-center- spacing 10'
- H. Width required
G(F-1) + E 53' Width of available area 60'
- I. Total square footage required
(line B times line C) 1,260
- J. Square footage in design
(D*E*F) 1,260
- K. Is a reserve area required? ☐ Yes ☒ No