



REQUEST FOR BOARD ACTION

ITEM NO. 20.

DATE OF MEETING: August 15, 2011

REQUESTED BY: Benjamin Andrea, Planner II, Planning & Community Development

SHORT TITLE: Resolution to Approve a Special Use Permit (SUP) for the Operation of a Recreational Flying Club.

BACKGROUND: Topsail Electric Flyers Association (TEFA), applicant, on behalf of Robert King, owner, is requesting approval of a Special Use Permit (SUP) for the operation of an Recreational Flying Club (NAICS Code 71399). The 1.2 acre project area is situated on a 16 acre subject property located across Old Post Office Road off of Watts Landing Road. The property may be identified as Pender County PIN 4225-32-2896-0000. The property is currently zoned RP, Residential Performance, and Recreational Flying Clubs are permitted via SUP in the RP zoning district.

SPECIFIC ACTION REQUESTED: To hold a public hearing and consider the approval of a Special Use Permit for a Recreational Flying Club.

RESOLUTION

NOW, THEREFORE BE IT RESOLVED by the Pender County Board of Commissioners that:

the Board hereby (approved, modified, denied) a special use permit for a recreational flying club, as described herein. The Chairman/County Manager is authorized to execute any/all documents necessary to implement this resolution.

AMENDMENTS:

MOVED _____ SECONDED _____

APPROVED _____ DENIED _____ UNANIMOUS

YEA VOTES: Brown ___ Rivenbark ___ Tate ___ Ward ___ Williams ___

George R. Brown, Chairman 8/15/2011
Date

ATTEST Date

PLANNING STAFF REPORT
Special Use Permit

SUMMARY:

Hearing Date: August 15, 2011

Applicant: Topsail Electric Flyers Association (TEFA)

Property Owner: Robert King

Case Number: 10016

Land Use Proposed: The applicant is requesting the approval of a Special Use Permit (SUP) for the operation of a Recreational Flying Club (NAICS Sector 713990 – Flying Clubs, Recreational).

Property Record Number and Location: The 1.2 acre project area is situated on a 16 acre subject property located across Old Post Office Road off of Watts Landing Road. The property may be identified as Pender County PIN 4225-32-2896-0000. The property is currently zoned RP, Residential Performance, and Recreational Flying Clubs are permitted via SUP in the RP zoning district.

Zoning District of Property: The property is currently zoned RP, Residential Performance, and Recreational Flying Clubs are permitted via SUP in the RP zoning district.

PROJECT DESCRIPTION:

Topsail Electric Flyers Association (TEFA), applicant, is requesting approval of a Special Use Permit (SUP) for the operation of a recreational flying club on behalf of Robert King, owner. Mr. King had allowed TEFA to develop a small facility for flying of electric remote control airplanes on the subject property; however, TEFA had not received zoning approval for the proposal. As such, the property was under a code violation and the Special Use Permit request will allow the applicant to move forward in obtaining zoning compliance. As a result of the zoning text amendment approved at the May 16, 2011 Board of Commissioners meeting, recreational flying clubs are now permitted via SUP in the RP zoning district. TEFA formerly utilized Hampstead Kiwanis Park for flying aircraft; however, increasing use of the park by other recreational groups was creating a schedule and safety conflict for TEFA.

The project consists of a 1.2 acre “flying field”, a 20’ x 20’ carport, a 4’ tall x 100’ long fence to isolate spectators from the flying area, and a 50’ x 250’ dirt runway covered with a geotextile material. The facility has two direct access points from Watts Landing Road, one directly across from Old Post Office Road and the other slightly further north. The applicant has indicated that vehicular access to the facility will be limited by a locked gate. NC DOT has indicated that the existing access is sufficient for the facility, and no further improvements are necessary at this time. A portable restroom is available on site for members and guests.

The facility would provide a location for TEFA club members to fly remote control aircraft. TEFA members only use electric aircraft and not gasoline or nitro aircraft, and the applicant has indicated that the electric-only aircraft policy will help abate noise and pollution issues associated with gasoline powered aircraft. Members are allowed to fly their aircraft only over the flying field and not beyond the tree line or near the houses adjacent to the facility. Only four aircraft are allowed to be flown at any one time.

Hours of operation of the facility would be from dawn to dusk, seven days per week. The applicant has indicated that increases in traffic and noise associated with the proposal would be very minimal. The

peak usage of the facility would occur on the weekends, when there would be an average of 15 club members at the site in addition to some spectators.

TEFA holds an Academy of Model Aeronautics (AMA) charter. As such, each TEFA member has liability insurance through the AMA, and the property owner of the facility receives an insurance certificate from AMA for liability insurance. Finally, TEFA members must abide by the AMA safety code which provides strict guidelines to promote the safety and wellbeing of pilots, spectators, and property.

EVALUATION:

- A. **Public Notifications:** Advertisements for the proposal have been placed in the *Topsail Voice* and *The Pender Post*. Adjacent property owners were notified by first class mail.
- B. **Basis for Granting SUP:** See attachment A for approval procedures (§3.12.3 of Unified Development Ordinance) and revocation procedures (§3.12.4 of Unified Development Ordinance).
- C. **Unified Development Ordinance Compliance:** The property is currently zoned RP, Residential Performance, and recreational flying clubs are permitted in the RP zoning district by Special Use Permit, as prescribed by the Pender County Unified Development Ordinance §5.2.3 Table of Permitted Uses.
- D. **2005 CAMA Land Use Plan Compliance:** The subject property is currently classified within a Rural Area. The proposed development is consistent with this classification, as the CAMA Land Use Plan states that Rural Areas provide for low intensity non-residential uses.
- E. **2010 Comprehensive Land Use Plan Compliance:** The subject property is currently classified within a Mixed Use area. The proposed land use is consistent with the *2010 Comprehensive Land Use Plan* as the plan states that Mixed Use areas should concentrate a mix of uses including commercial, office, institutional, and medium to high density residential uses. The SUP request also is supported by Goal 7A.1 of the 2010 Land Use Plan:

Goal 7A.1 – Ensure adequate, appropriately located parks, recreation and open spaces to serve the needs of Pender County residents and visitors.

Additionally, the SUP request does not conflict with any goals and policies in the 2010 LUP.

- F. **Existing Land Use in Area:** The existing land use in the immediate area surround the project site consists of agricultural use, undeveloped areas, and low density residential uses. The nearest residential structure is approximately 640 feet from the project area, and all nearby residential structures are buffered from the project by significant natural vegetation.
- G. **Site Access Conditions:** The property has direct access to Watts Landing Road via an existing driveway.
- H. **Conditions To Consider In Issuing the Special Use Permit For This Project:**
 - 1. The project shall comply with all requirements of the Pender County Unified Development Ordinance.
 - 2. Unless approved otherwise as a condition of the permit, a Special Use Permit shall expire and become void, if a final zoning permit has not been issued for the project within 12 months.
 - 3. A separate permit must be obtained for any proposed signs in accordance with Article 9 of the Pender County Unified Development Ordinance.
 - 4. Any violations of the conditions of this permit, confirmed by the Zoning Administrator shall result in this permit becoming void, if not corrected within 30 days of receipt of the notice of violation.
 - 5. The obligations imposed by this permit will be the responsibility of the property owner and operator and shall continue in affect for the duration of this permit

TECHNICAL REVIEW COMMITTEE (TRC) RESPONSES:

Cape Fear Council of Governments RPO

Applicant will need a driveway permit from NC DOT.

Four County Electric Company

No response.

NC DENR Division of Coastal Management

No response.

NC DENR Division of Forestry

No response.

NC DENR Division of Land Resources

No response.

NC DENR Division of Waste Management

No response.

NC DENR Division of Water Quality

No response.

NC DOT Division of Highways

Applicant has been in contact with DOT Division office and the existing driveway is sufficient for proposal.

NC DOT Transportation Planning Branch

No response.

NC Office of State Archaeology

No response.

NC Wildlife Resources Commission

No response.

Pender County Emergency Management

No comments/problems with proposal.

Pender County Environmental Health

No response.

Pender County Fire Marshall

No response.

Pender County Parks and Recreation

No response.

Pender County Permitting/Floodplain Administrator

No response.

Pender County Public Library

No response.

Pender County Public Utilities

No comments/problems with proposal.

Pender County Schools

No response.

Pender County Sheriff's Department

No comments/problems with proposal.

Pender County Soil and Water Conservation District

No response.

Progress Energy Corporation

No response.

US Army Corps of Engineers

No response.

Wilmington Metropolitan Planning Organization

No response.

Attachment A

3.12.3 Procedures for Reviewing Applications

- A. The special uses, as specified in the various districts, may be established only after review and approval by the Board of Commissioners.
- B. The Board of County Commissioners, acting in a quasi-judicial manner and setting, shall hear evidence from the applicant and any interested members of the public.
- C. The Board of Commissioners shall hold a public hearing on the application for a Special Use Permit within sixty (60) days after the completed application is filed.
- D. The Administrator shall cause notice of the hearing to be published once a week for two successive calendar weeks. The notice shall be published for the first time not less than ten (10) nor more than twenty-five (25) days before the date fixed for the hearing.
- E. All Special Use Permit applications must be presented to the Administrator for a determination of completeness.
- F. An appeal from a completeness determination may be made to the Board of Adjustment within twenty (20) days of the determination.
- G. The Board of Commissioners shall approve, modify, or deny the application for a Special Use Permit. In approving a Special Use Permit, the Board of Commissioners, with due regard to the nature and state of all adjacent structures and uses in the district within same is located, shall make written findings that the following are fulfilled:
 1. The use requested is listed among the special uses in the district for which application is made, or is similar in character to those listed in that district;
 2. The requested use will not impair the integrity or character of the surrounding or adjoining districts, nor adversely affect the safety, health, morals, or welfare of the community or of the immediate neighbors of the property;
 3. The proposed use shall not constitute a nuisance or hazard;
 4. The requested use will be in conformity with the Pender County Land Use Plan and other official plans or policies adopted by the Board of County Commissioners;
 5. Adequate utilities, access roads, drainage, sanitation or other necessary facilities have been or are being provided;
 6. That adequate measures have been or will be taken to provide ingress and egress so designed as to minimize the traffic congestion in the public roads;
 7. That the special use shall, in all other respects, conform to the applicable regulations of the district in which it is located; and
 8. The proposed use shall not adversely affect surrounding uses and shall be placed on a lot of sufficient size to satisfy the space requirements of said use.

3.12.4 General Provisions Concerning Special Use Permits

- B. Revocation - In any case where the Special Use Permit or the conditions of a Special Use Permit have not been or are not being complied with, the Administrator may initiate a notice of violation for the provisions of this ordinance and the conditions of the Special Use Permit not in compliance or the Administrator, may initiate notice of a public hearing to consider revocation of the permit by the Board of Commissioners or both actions may be initiated. Procedures for notice of such hearing shall be the same as procedures for consideration of an initial application for a Special Use Permit and the permittee shall be notified.

RECEIVED
 JUN 29 2011
 BY: BDA

APPLICATION FOR SPECIAL USE PERMIT

THIS SECTION FOR OFFICE USE			
Application No.	SUP 11-08-15-05	Date	6/29/11
Application Fee	\$ 300.00	Receipt No.	111205
Pre-Application Conference		Hearing Date	8/15/2011

SECTION 1: APPLICANT INFORMATION

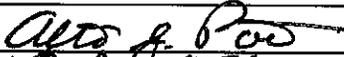
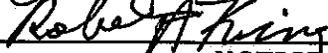
Applicant's Name:	TOPSAIL ELECTRIC FLYERS ASS AL PORTER PRESIDENT	Owner's Name:	ROBERT KING
Applicant's Address:	P.O. BOX 3104	Owner's Address:	235 OLD POST OFFICE RD
City, State, & Zip	HOLLY RIDGE, NC 28445	City, State, & Zip	HAMPSTEAD, NC 28443
Phone Number:	910-859-0409 910-606-1111	Phone Number:	910-540-4877

Legal relationship of applicant to land owner: VERBAL MUTUAL GRATITUDE BETWEEN MR. KING AND TOPSAIL ELECTRIC FLYERS ASSOCIATION

SECTION 2: PROJECT INFORMATION

Property Identification Number (PIN):	4225-32-2896-0000	Total property acreage:	16
Zoning Classification:	RP	Acreage to be disturbed:	1.2
Project Address:	WATTS LANDING RD. HAMPSTEAD, NC	NAICS Code:	71399
Description of Project Location:	16 ACRES FARM FIELD		
Describe activities to be undertaken on project site:	FLYING RADIO CONTROL (RC) AIRCRAFT		
	ELECTRIC ONLY FROM A 50' X 250' RUNWAY		

SECTION 3: SIGNATURES

Applicant's Signature		Date:	17 MAY 2011
Owner's Signature		Date:	17 MAY 2011

NOTICE TO APPLICANT

1. Applicant must also submit the information described on the Special Use Checklist.
2. Applicant or agent authorized in writing must attend the public hearing.
3. Once the public hearing has been advertised, the case will be heard unless the applicant withdraws the application or unless the Board of Commissioners or other authorized person agrees to table or delay the hearing.
4. Applicant may wish to review the required findings for approval of a Special Use Permit found on page 1 of this application
5. Permit will become void after 12 months if a final zoning permit is not obtained, unless specifically requested at the time of public hearing.

Office Use Only	
<input checked="" type="checkbox"/> General/ Fees: \$300 + \$10 per acre over 5 acres, Max. of \$5,000 <input type="checkbox"/> Tower over 75 Feet/ Fees \$500 <input type="checkbox"/> Minor Revisions / Fees \$ 100 <input type="checkbox"/> Mining Borrow Pit/ Fees \$750 <input checked="" type="checkbox"/> Mining Other/ Fees \$1000 + \$5 per acre	Total Fee Calculation: \$ 300 Application#: Date of Hearing: 6/15/2011
Attachments Included with Application: (Please include # of copies)	
CD /other digital version: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Plan Sets: _____ # of large: _____ # of 11X17: _____ Other documents/Reports: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Payment Method: Cash: <input type="checkbox"/> \$ _____ Credit Card: <input type="checkbox"/> Master Card <input type="checkbox"/> Visa Check: <input type="checkbox"/> Check # _____	
Application received by: <i>B. D. D. L.</i> Date: 6/29/2011 Application completeness approved by: <i>B. D. D. L.</i> Date: 6/29/2011	

SPECIAL USE PERMIT CHECKLIST

<input checked="" type="checkbox"/>	Signed Application Form (Both Applicant and Owner)
<input type="checkbox"/>	Application fee
<input checked="" type="checkbox"/>	Legible list of all property owners adjacent to the property upon which the use is to be located. The list shall include the mailing address & physical address of these property owners (The application will not be advertised for public hearing until the list is accurate & complete)
<input checked="" type="checkbox"/>	One business size envelope legibly addressed with first class postage for each of the adjacent property owners on the above list.
<input checked="" type="checkbox"/>	Project Narrative --Written description of the project (max of 3 pages) including the following: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Location of the project and type of access to project site <input checked="" type="checkbox"/> Detailed description of the activities to be undertaken on the site, including hrs. of operation, # of employees, etc. <input checked="" type="checkbox"/> Description of all construction activities to be undertaken on the site <input checked="" type="checkbox"/> Describe type of utilities that will serve project and status of approval from applicable providers <input checked="" type="checkbox"/> List of all state and federal permits that will be required for the project <input checked="" type="checkbox"/> Describe any potential impacts the project will have on the community or adjacent properties such as traffic, noise, etc. and explain efforts to mitigate these impacts (<u>this item must be addressed by the applicant</u>). The applicant may also wish to describe any positive benefits the project will provide for the community and/or neighbors of the project.
<input checked="" type="checkbox"/>	Project Map(s) --Map or maps of the special use project site with boundaries of the project if less than the parcel boundaries. This map or maps shall be drawn to a <u>readable</u> scale. The scale shall be not more than 200' to the inch. The map shall display an accurate bar graph scale, date prepared, north arrow and the author of the map. This map(s) shall show the following: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Boundaries of the property upon which the special use will be located, the acreage in the property and project site, with a north arrow and bar graph. <input checked="" type="checkbox"/> Access from the site and/or project boundaries to the nearest publicly maintained road. <input checked="" type="checkbox"/> Location of any existing structures or uses on the property and within 50' of the property. <input checked="" type="checkbox"/> Location of the project boundaries if they do not coincide with the property boundaries. <input checked="" type="checkbox"/> Existing and proposed structures, other on-site improvements, and location of all activities associated with the use, location of well, septic tank, and/or other utilities. <input checked="" type="checkbox"/> Boundary of all clearing, grading, and/or land disturbing activities on the site and the calculated acreage of all land disturbing activities on the site. <input checked="" type="checkbox"/> Parking, loading areas, and access to the project (See Article 6, Pender County UDO) <input checked="" type="checkbox"/> Landscaping and buffering (See Article 7, Pender County UDO) <input checked="" type="checkbox"/> All signs to be located on the property (See Article 9, Pender County UDO) <input checked="" type="checkbox"/> Pedestrian walks, area lighting and flood lighting. <input checked="" type="checkbox"/> Existing natural features of the site including, wooded areas, tree lines, ponds, streams, other water bodies or ditches on or adjacent to the site, designated flood hazard areas & known or designated wetlands on the site. <input checked="" type="checkbox"/> Drainage plan and/or direction of flow of runoff from the project and site. <input checked="" type="checkbox"/> After review by the Planning and Community Development Department, additional information may be required to be submitted. <input checked="" type="checkbox"/> Two full size and twenty reduced size (max. 11"x17") copies of this map(s) shall be submitted.

RETURN COMPLETED APPLICATION TO:
 Pender County Planning & Community Development
 P.O. Box 1519
 Burgaw, NC 28425

TOPSAIL ELECTRIC FLYERS ASSOCIATION KING FIELD

TEFA

PO Box 3104
Holly Ridge NC 28445



Phone: 910-270-9838
www.topsailflyers.com

Project Narrative:

Description: Topsail Electric Flyers Associations (TEFA) is a Radio Controlled flying club. The club has an Academy of Model Aeronautics (AMA) Charter. The club consist of approximately 40 AMA members. The Club has liability insurance through AMA. The land owner receives an insurance certificate from AMA for Liability Insurance. Each member has liability insurance through their AMA membership. The club flies only electric RC aircraft. No gas or nitro fuel is allowed. This keeps the noise level down and provides more flight safety. The club has to operate in accordance with the Academy of Model Aeronautics National Model Aircraft Safety Code. See attached doc.

Location of Project: Topsail Electrical Flyers Association, King Field, is located off of Watts Landing Rd., Hampstead North Carolina. There are two accesses located off of Watts landing road to the flying field. The flying field is approximately 1.2 acre located in a 16 acre farm field. Access to the flying field is control by a gate and lock 24 hours a day.

Detailed description of activities: Flying RC aircraft from a runway that is 250 feet long by 50 feet wide. Hours of operation are from sun up to sun down 7 days a week. There are 4 pilot stations. Allows only 4 pilots flying at one time. All RC aircraft flying is performed within the tree line of the field. No flying is allowed over Houses or beyond the tree line of the farm field. The club is a non-profit organization. All members are volunteers, and no employees are required.

Construction Activities: 20' X 20' Carport by Carolina Carports. Spectator Fence – 4' X 110'.
Runway: 50' X 250'. Dirt runway covered with Geotextile material.

Utilities: None required.

State and Federal permits: Pender County Building permit and zoning permit for Carport installation.

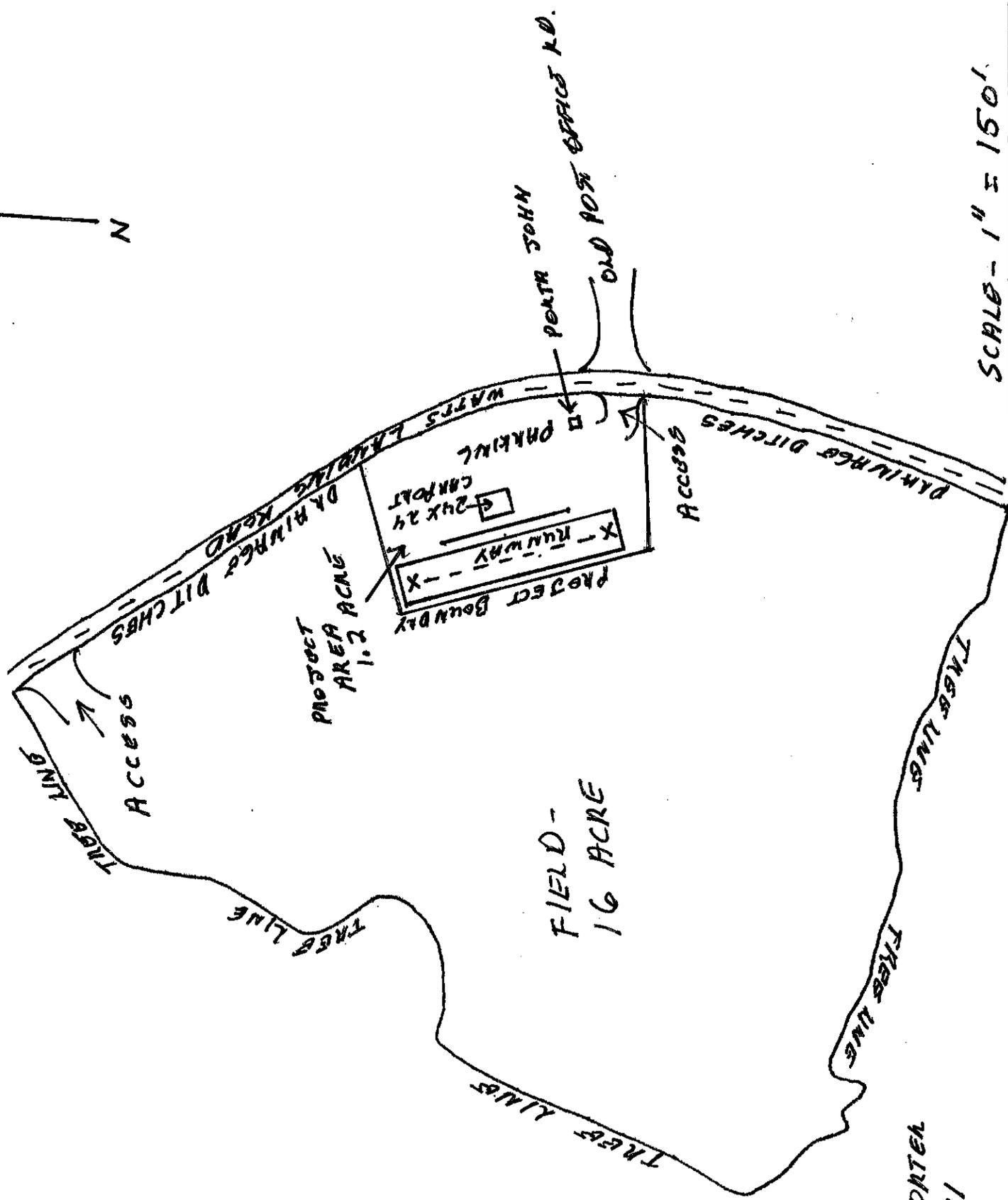
Potential Impacts: Traffic and noise will not impact the community or adjacent properties. The area used in the field provides parking for all club members and provides parking for spectators. Any increase in traffic on Watts Landing road will be on the weekends. An average of 15 club members fly on the weekends. This is a minimal impact on traffic. We use electric powered RC aircraft which eliminates the noise problem. The benefits this will provide for the community are many. The club provides opportunities for all ages in the Radio Control aircraft environment. The club has members ages 6 to 60 or older. The club provides the opportunity for everyone to learn the aircraft field and provide young aviators an understanding of flight through the Academy of Model Aeronautics and a start in learning how to fly aircraft. The club provides flight instructors and flight simulators for young and old. The neighbors and community take the opportunity to watch RC pilots perform every weekend.

Academy of Model Aeronautics National Model Aircraft Safety Code

Effective January 1, 2011

- A. **GENERAL:** A model aircraft is a non-human-carrying aircraft capable of sustained flight in the atmosphere. It may not exceed limitations of this code and is intended exclusively for sport, recreation and/or competition. All model flights must be conducted in accordance with this safety code and any additional rules specific to the flying site.
1. Model aircraft will not be flown:
 - (a) In a careless or reckless manner.
 - (b) At a location where model aircraft activities are prohibited.
 2. Model aircraft pilots will:
 - (a) Yield the right of way to all man carrying aircraft.
 - (b) See and avoid all aircraft and a spotter must be used when appropriate. (AMA Document #540-D-See and Avoid Guidance.)
 - (c) Not fly higher than approximately 400 feet above ground level within three (3) miles of an airport, without notifying the airport operator.
 - (d) Not interfere with operations and traffic patterns at any airport, heliport or seaplane base except where there is a mixed use agreement.
 - (e) Not exceed a takeoff weight, including fuel, of 55 pounds unless in compliance with the AMA Large Model Aircraft program. (AMA Document 520-A)
 - (f) Ensure the aircraft is identified with the name and address or AMA number of the owner on the inside or affixed to the outside of the model aircraft. (This does not apply to model aircraft flown indoors).
 - (g) Not operate aircraft with metal-blade propellers or with gaseous boosts except for helicopters operated under the provisions of AMA Document #555.
 - (h) Not operate model aircraft while under the influence of alcohol or while using any drug which could adversely affect the pilot's ability to safely control the model.
 - (i) Not operate model aircraft carrying pyrotechnic devices which explode or burn, or any device which propels a projectile or drops any object that creates a hazard to persons or property.
Exceptions:
 - Free Flight fuses or devices that burn producing smoke and are securely attached to the model aircraft during flight.
 - Rocket motors (using solid propellant) up to a G-series size may be used provided they remain attached to the model during flight. Model rockets may be flown in accordance with the National Model Rocketry Safety Code but may not be launched from model aircraft.
 - Officially designated AMA Air Show Teams (AST) are authorized to use devices and practices as defined within the Team AMA Program Document (AMA Document #718).
 - (j) Not operate a turbine-powered aircraft, unless in compliance with the AMA turbine regulations. (AMA Document #510-A).
 3. Model aircraft will not be flown in AMA sanctioned events, air shows or model demonstrations unless:
 - (a) The aircraft, control system and pilot skills have successfully demonstrated all maneuvers intended or anticipated prior to the specific event.
 - (b) An inexperienced pilot is assisted by an experienced pilot.
 4. When and where required by rule, helmets must be properly worn and fastened. They must be OSHA, DOT, ANSI, SNELL or NOCSAE approved or comply with comparable standards.
- B. **RADIO CONTROL (RC)**
1. All pilots shall avoid flying directly over unprotected people, vessels, vehicles or structures and shall avoid endangerment of life and property of others.
 2. A successful radio equipment ground-range check in accordance with manufacturer's recommendations will be completed before the first flight of a new or repaired model aircraft.
 3. At all flying sites a safety line(s) must be established in front of which all flying takes place (AMA Document #706-Recommended Field Layout):
 - (a) Only personnel associated with flying the model aircraft are allowed at or in front of the safety line.
 - (b) At air shows or demonstrations, a straight safety line must be established.
 - (c) An area away from the safety line must be maintained for spectators.
 - (d) Intentional flying behind the safety line is prohibited.
 4. RC model aircraft must use the radio-control frequencies currently allowed by the Federal Communications Commission (FCC). Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.
 5. RC model aircraft will not operate within three (3) miles of any pre-existing flying site without a frequency-management agreement (AMA Documents #922-Testing for RF Interference; #923- Frequency Management Agreement)
 6. With the exception of events flown under official AMA Competition Regulations, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the pilot's helper(s) located at the flight line.
 7. Under no circumstances may a pilot or other person touch a model aircraft in flight while it is still under power, except to divert it from striking an individual. This does not apply to model aircraft flown indoors.
 8. RC night flying requires a lighting system providing the pilot with a clear view of the model's attitude and orientation at all times.
 9. The pilot of a RC model aircraft shall:
 - (a) Maintain control during the entire flight, maintaining visual contact without enhancement other than by corrective lenses prescribed for the pilot.
 - (b) Fly using the assistance of a camera or First-Person View (FPV) only in accordance with the procedures outlined in AMA Document #550.
- C. **FREE FLIGHT**
1. Must be at least 100 feet downwind of spectators and automobile parking when the model aircraft is launched.
 2. Launch area must be clear of all individuals except mechanics, officials, and other fliers.
 3. An effective device will be used to extinguish any fuse on the model aircraft after the fuse has completed its function.
- D. **CONTROL LINE**
1. The complete control system (including the safety thong where applicable) must have an inspection and pull test prior to flying.
 2. The pull test will be in accordance with the current Competition Regulations for the applicable model aircraft category.
 3. Model aircraft not fitting a specific category shall use those pull-test requirements as indicated for Control Line Precision Aerobatics.
 4. The flying area must be clear of all utility wires or poles and a model aircraft will not be flown closer than 50 feet to any above-ground electric utility lines.
 5. The flying area must be clear of all nonessential participants and spectators before the engine is started.

PROJECT MAP



SCALE - 1" = 150'

AUTHOR - AL PORTER
21 APRIL 2011