



SPECIAL USE PERMIT APPLICATION

Submit required documentation to:
Wake County Planning, Development and Inspections
PO Box 550 Wake County Office Building
Raleigh, NC 27602-0550 336 Fayetteville Street Mall, Downtown Raleigh
Contact (919) 856-6335 for additional information.

File #
Fee
Amt Paid
Check #
Rec'd Date
Rec'd By

Complete with required information (write "n/a" if information is not applicable to proposal).

Type of Special Use (be as specific as possible and cite code section listing use as permitted special use)

Solar Farm - a solar panel electrical production facility; Wake County UDO Section 4-54

"Static Transformer Station."

Modification of previously issued Special Use Permit? ()Yes (X) No - There is a SUP for a cell tower approved on the property today. Cell Tower: BA-1589. We are requesting no change to the cell tower SUP, but instead issuance of an additional SUP for a solar farm.

If Yes, provide relevant Special Use Permit Number: _____

Property

Parcel Identification Number: Portion of 0675875968

Address: 8300 Kennebec Road, Willow Spring NC 27592

Location: west side of Kennebec Road, at/between
(north, east, south, west) (street)

Maude Stewart Road and Walter Myatt Road
(street) (street)

Total site area in square feet and acres: 2,785,226.4 square feet (entire parcel)* 63.94 acres

Zoning District(s) and Overlay Districts (if any) and land area within each: R-30

_ List Conditions of any Conditional Use Zoning Districts:

Present land use(s): Farm, cell tower (BA 1589) on property.

How is this proposed use a public necessity? Please see attached brief in support.

What is impact on surrounding neighborhood and adjacent properties? Please see attached brief in support.

Land Owner

Land Owner Name: Glenn Fredrick Fish

Business Operator Name (if different from Land Owner): Strata Solar Development, LLC

Address: 50101 Governors Drive, Suite 280

City: Chapel Hill State: NC Zip Code: 27517

E-mail Address: lwilliams@stratasolar.com Fax: 919.724.4146

Telephone Number: 919.960.6015

Applicant (person to whom all correspondence will be sent)

Name: Strata Solar Development, LLC c/o Beth Trahos, Smith Moore Leatherwood, LLP
 Address: PO Box 27525
 City: Raleigh State: NC Zip Code: 27611
 E-mail Address: beth.trahos@smithmoorelaw.com Fax: (919) 838-3167
 Telephone Number: (919) 755-8760 Relationship to Owner: Attorney

Proposal

Max. allowable floor area ratio (see applicable zoning district/use regulation): 0.15

Proposed total floor area: None sf Proposed floor area ratio (floor area/site area): N/A

Max. allowable impervious surface coverage (see applicable zoning district/use regulation): 30 %

Proposed impervious surfaces area: .354 acres sf

Proposed impervious surface coverage (impervious surfaces area/site area x 100): .06 %

Required transitional bufferyard types and depths (see Article 16):

Front (Type C 40 ft) Left (Type C 40 ft) Right (Type C 40 ft) Rear (Type C 40 ft)

Proposed transitional bufferyard types and depths (see Article 16):

Front (_____ ft) Left (_____ ft) Right (_____ ft) Rear (_____ ft)

Min. yard depths (see applicable district/use regulation):

Front 30 ft Corner side 30 ft Side 10 ft Rear 30 ft

Proposed yard depths: Front _____ ft Corner side _____ ft Side _____ ft Rear _____ ft

Max. building height (see applicable district/use regulation): 35 ft

Proposed building height: N/A ft

Min. parking space standard (see Article 15): 2 spaces per site for static transformers

Min. no. of parking spaces: 2 Proposed no. of parking spaces 2

Number of employees: N/A Hours of operation: N/A

Vehicular Access:

Names of access street(s) and number of access points along each: one access drive to the site from Kennebec Road and one from Maude Stewart Road

| Name of access or adjacent street | Right-of-way width (ft) | Pavement width (ft) | No. of lanes | Paved? (Y or N) | Roadway design capacity ¹ | Traffic volume (ADT) ² | Est. traffic generated (ADT) ³ |
|-----------------------------------|-------------------------|---------------------|--------------|-----------------|--------------------------------------|-----------------------------------|---|
| Kennebec Road | 60 | 19 | 2 | Y | 12,000 | 3,000 | 2 or less |
| Maude Stewart Road | 60 | 20 | 2 | Y | 12,000 | 1,500 | 2 or less |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

¹ See NCDOT Highway Capacity Manual or most recent Wake County Thoroughfare Plan Appendix

² See CAMPO web site (www.raleigh-nc.org/campo) or NCDOT Traffic Survey Unit

³ Base on Institute of Transportation Engineers ratios - ratio used for estimate (e.g., x trips per y sf) _____

Estimated traffic generated by heavy vehicles (vehicles other than automobiles and light trucks):

Type of vehicle: N/A ADT: _____
Type of vehicle: _____ ADT: _____

Utilities and Services:

Water supply provided by: () municipal system: N/A
() community system – specify type: N/A () individual well(s)

Est. total water demand: 0 gpd

Wastewater collection/treatment provided by: () municipal system: N/A
() community system – specify type: N/A
() individual on-site system

Est. total wastewater discharge: 0 gpd

Solid waste collection provided by: N/A
Electrical service provided by: Progress Energy Underground () yes (X) no

Natural gas service provided by: N/A
Telephone service provided by: N/A Underground () yes () no

Cable television service provided by: N/A Underground () yes () no
Fire protection provided by: Fuquay-Varina #3

Miscellaneous:

Generalized slope of site Gradual downhill from both roads toward middle of site, Little Black Creek.

Valuable natural features (rare plant community, wildlife habitat, lake, stream, geology, etc.) on or adjoining site: Little Black Creek runs through the site; a small farm pond is also on the site.

Valuable historic resources (homestead, mill, archeological site) on or adjoining site: _____

Land Use Plan Classifications

General Classification (note associated municipality and/or watershed):

() Short-Range Urban Services Area/Water Supply Watershed _____

(X) Short-Range Urban Services Area Fuquay-Varina

() Long-Range Urban Services Area/Water Supply Watershed _____

() Long-Range Urban Services Area _____

() Non-Urban Area/Water Supply Watershed _____

() Non-Urban Area _____

Land Use Classification(s) (Note Area Land Use Plan, if applicable):

Fuquay-Varina Garner ALUP, Residential 1-4 units per acre (Planned growth area for Fuquay-Varina)

Applicant's statement of compliance with county, municipal and joint Land Use Plans (How is proposal consistent with Land Use Plan objectives for planning area, Land Use classification, activity centers, locational standards and transitional urban development standards?)

Please see the attached brief.

Other information (additional relevant information about the site or proposal you wish to note or cite)

Please see the attached brief.

All property owners must sign this application unless one or more individuals are specifically authorized to act as an agent on behalf of the collective interest of some or all of the owners (provide a copy of such authorization).

The undersigned property owner(s) hereby authorize the filing of this application (and any subsequent revisions thereto). The filing of this application authorizes the Wake County staff to enter upon the site to conduct relevant site inspections as deemed necessary to process the application.

Signature: _____ Date: _____

Signature: _____ Date: _____

Signature: _____ Date: _____

The undersigned applicant hereby certifies that, to the best of his or her knowledge and belief, all information supplied with this application is true and accurate.

Signature: Steve Spier Development, LLC
Ann M. Williams, Manager of Site Design Date: 02/03/2014

Notes: All documents and maps submitted as required become the property of Wake County.
The Wake County Unified Development Ordinance is on the web at www.wakegov.com.

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Signature: Glenn Fredrick Fish Date: Feb 3, 2014

Signature: Frances S. Fish by Raveny Fish Anderson, AIF Date: 2-3-2014

Signature: _____ Date: _____

The undersigned applicant hereby certifies that, to the best of his or her knowledge and belief, all information supplied with this application is true and accurate.

Signature: _____ Date: _____

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STATE OF NORTH CAROLINA

BEFORE THE BOARD OF
ADJUSTMENT

COUNTY OF WAKE

IN RE: Strata Solar Development, LLC - Solar Farm – Sunfish Farm, LLC
Wake County PIN: Portion of 0675-87-5968

Address: 8300 Kennebec Road, Willow Spring, North Carolina

**STATEMENT OF JUSTIFICATION IN SUPPORT OF THE
SPECIAL USE PERMIT APPLICATION**

NOW COMES THE PETITIONER, by and through counsel of record, and respectfully requests approval of their application for a special use permit to operate a solar farm. In support of this request, Petitioner provides the following information:

I. Introduction

Strata Solar Development, LLC proposes to construct a solar farm on 50.14± acres owned by Glenn Fredrick Fish. The property is currently zoned Residential-30. A solar farm is classified as a “Static Transformer Station” under Section 4-54 of the Wake County Unified Development Ordinance (UDO). Adjacent properties are developed as homes and farms. Glen Willow subdivision is adjacent to, and north of the property. A cell tower, approved by the Wake County Board of Adjustment (BA 1589) in the mid-1990s, is located on the property.

The solar farm will contain rows of Photovoltaic (PV) cells mounted on posts set in the ground individually. The posts are set individually in an effort to minimize the amount of grading on site. These rows of PV cells are referred to as “solar arrays.” The solar arrays will be fixed in place facing south in order to receive the maximum amount of solar energy. This configuration contains no moving parts. The power generated from the solar farm will be sold to Progress Energy for use by consumers.

II. Statement in Support of Application

A. The proposed development will not materially endanger the public health or safety.

The proposed solar farm will not materially endanger the public health or safety. The site will generate almost no traffic. The solar facility will not be staffed daily. Employees are expected to visit the property weekly or less frequently to check and maintain the equipment, mow the grass and make repairs. Two (2) parking spaces will be provided as required for a Static Transformer Station by the Wake County UDO.

The site will have access from Kennebec Road and from Maude Stewart Road. The active area of the solar farm will be enclosed by a six foot (6') high fence for security purposes.

The proposed solar farm will protect against soil erosion and sedimentation. Care is taken to minimize grading on the site by individually setting poles to support the solar cells. The areas beneath the solar panels will be planted with grass or alfalfa to stabilize the site. During construction, erosion control measures will be maintained in accordance with the County regulations. The site will comply with State of North Carolina and Wake County stormwater regulations.

The proposed solar farm will protect the public, community or private water supplies and avoid adverse impacts on surface water or ground water. As there will be no employees on site, there is no need for utilities. State environmental buffers will be maintained and respected.

B. The proposed development will comply with all regulations and standards generally applicable within the zoning district and specifically applicable to the particular type of Special Use.

The proposed solar farm will comply with all of the requirements in the R-30 zoning district. A solar farm is classified as a "Static Transformer Station" under Section 4-54 of the Wake County Unified Development Ordinance. The ordinance provides that services or storage yards are not permitted and that the exterior appearance of any building or structure must be in keeping with the character of the neighborhood. No services, storage yards nor buildings are proposed.

C. The proposed development will not substantially injure the value of adjoining property, or is a public necessity.

The proposed use will not injure the value of adjoining properties. Solar farms are quiet. The solar arrays have no moving parts. The only sound occurs during daylight hours with the quiet hum of electrical transformers, invertors and substation delivering solar power to the power grid. Similar facilities are located in neighborhoods to deliver power to homes. At night, when the sun is not available, there is no energy being created and no noise on the site. Solar farms generate fewer vehicles trips than the average home. Employees visit the site once a week or even less frequently. Solar panels are designed to absorb light, rather than reflect it.

Solar energy is a public necessity. Demand for electricity has increased in recent years, and our society is dependent upon conventional sources of power such as coal, gas, and nuclear energy. Conventional sources of electricity are expensive, finite resources that require significant environmental disruption and public safety risk to maintain or extract. Solar energy is a clean, cheap, unlimited resource with little environmental impact.

D. The proposed development will be in harmony with the area in which it is located.

The proposed solar farm is consistent with the residential and agricultural land use pattern that exists in the area today. Solar farms make good neighbors: they are quiet and they do not create dust or odor as farming can. Solar farms generate fewer vehicles trips than the average home. Solar panels are shorter in height than a typical home or barn. When mounted on racks, the panels will be less than 10' in height. A 40' Type C buffer yard will provide a transition between adjacent properties and the farm to the north, south and west. The subject property is home to an existing cell tower.

Leasing property for use as a solar farm allows property owners to maintain large tracts of land that would otherwise have to be sold for development as yet another subdivision. Allowing the property to develop as a solar farm maintains the rural character of the area while providing a sustainable benefit to the community.

E. The proposed development will be consistent with the Wake County Land Use Plan.

The proposed solar farm is consistent with the Wake County Land Use Plan. The subject property is located within the Fuquay-Varina/Garner Area Land Use Plan. This area is Fuquay-Varina's Short-Range Urban Services Area; an area of the county that the Town expects to grow in the near future. The proposed solar farm will consume practically no county services: no seats in county schools or on school buses, virtually no refuse or recycling needs, no special sheriff protection, no light pollution, no emissions of any kind, no demand for water from depleted aquifers and no sewage disposal.



6010 Governors Drive, Suite 200
Chapel Hill, NC 27517
www.stratasolar.com
NC License No.: D-0286

PROJECT NAME & ADDRESS

**SUNFISH SOLAR ELECTRIC
POWER PLANT**
8300 KENNEBEC RD
FUQUAY VARINA, NC
WAKE COUNTY

DATE: 5/23/2014

PROJECT NUMBER: C-173-13-SNFSH

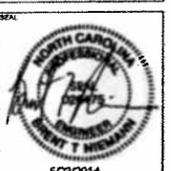
PROJECT NAME: BTN

SYSTEM SIZE: 5.00 MWp AC

PREPARED BY: BTN

CHECKED BY: BTN

DRAWN BY: RBJ/APL



5/23/2014

THIS DRAWING IS THE PROPERTY OF STRATA SOLAR, LLC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF STRATA SOLAR, LLC.

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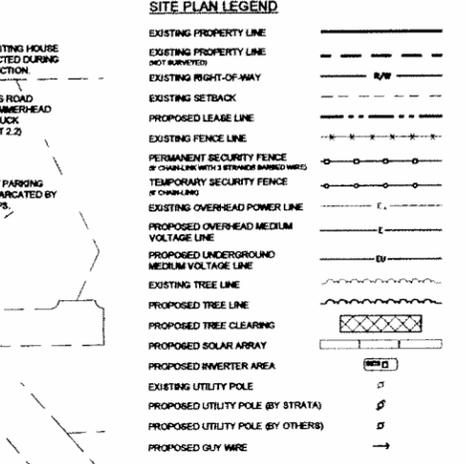
SITE PLAN

SCALE: 1" = 100'

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VICINITY MAP
NOT TO SCALE



NOTES

| EXISTING PROPERTY INFORMATION | OWNER | OWNER ADDRESS | DBPG | MBPG | ZONING | LEASED AREA (TRACT 1) | LAND USE |
|-------------------------------|-----------|------------------------------------|----------|---------|--------|-----------------------|------------------------------|
| 087607898 | GLEN FISH | 2935 JOHN ADAMS RD, WILLOW SPRINGS | 48410800 | 2011/18 | R-30 | 49.90 ACS | SINGLE FAMILY / AGRICULTURAL |

PARCEL AREA: 82.32 ACS TOTAL
11.25 ACS (CELL TOWER LEASE AREA TRACT 2)
0.96 ACS (RAW MAUDE STEWART RD.)
0.18 ACS (RAW KENNEBEC RD.)
49.93 ACS (NET) TRACT 1

SITE ADDRESS: 8300 KENNEBEC ROAD, WILLOW SPRINGS, WAKE COUNTY, NC

FRONT 37' SIDE 10' CORNER 30' REAR 30'

PROPOSED PERMANENT SECURITY FENCE CROSSING WETLANDS TOTAL PROPOSED IMPACTS = 411 SF (0.93 AC) TO BE APPROVED BY USACE PRIOR TO CONSTRUCTION

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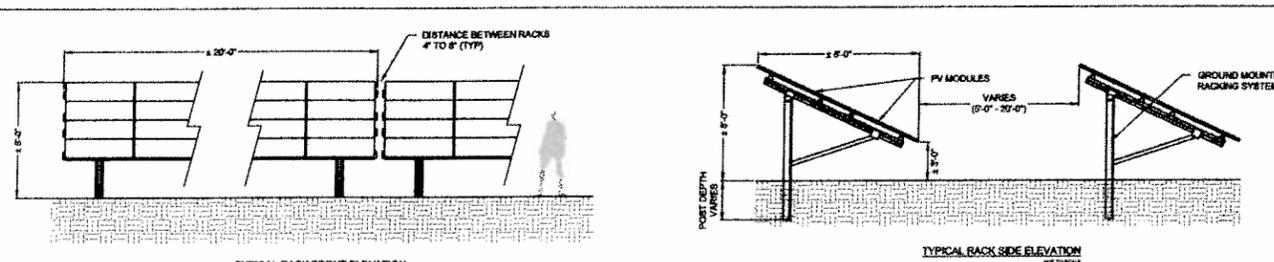
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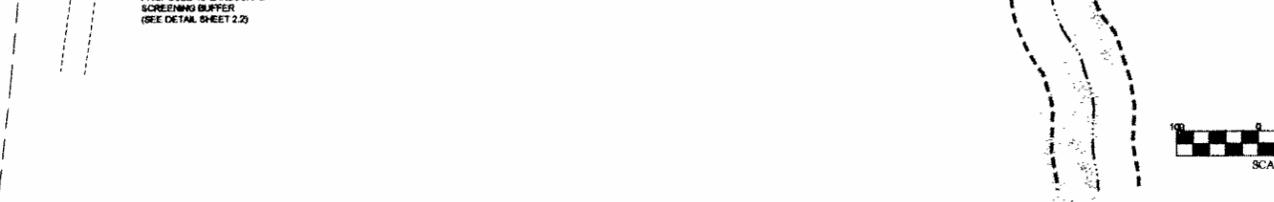
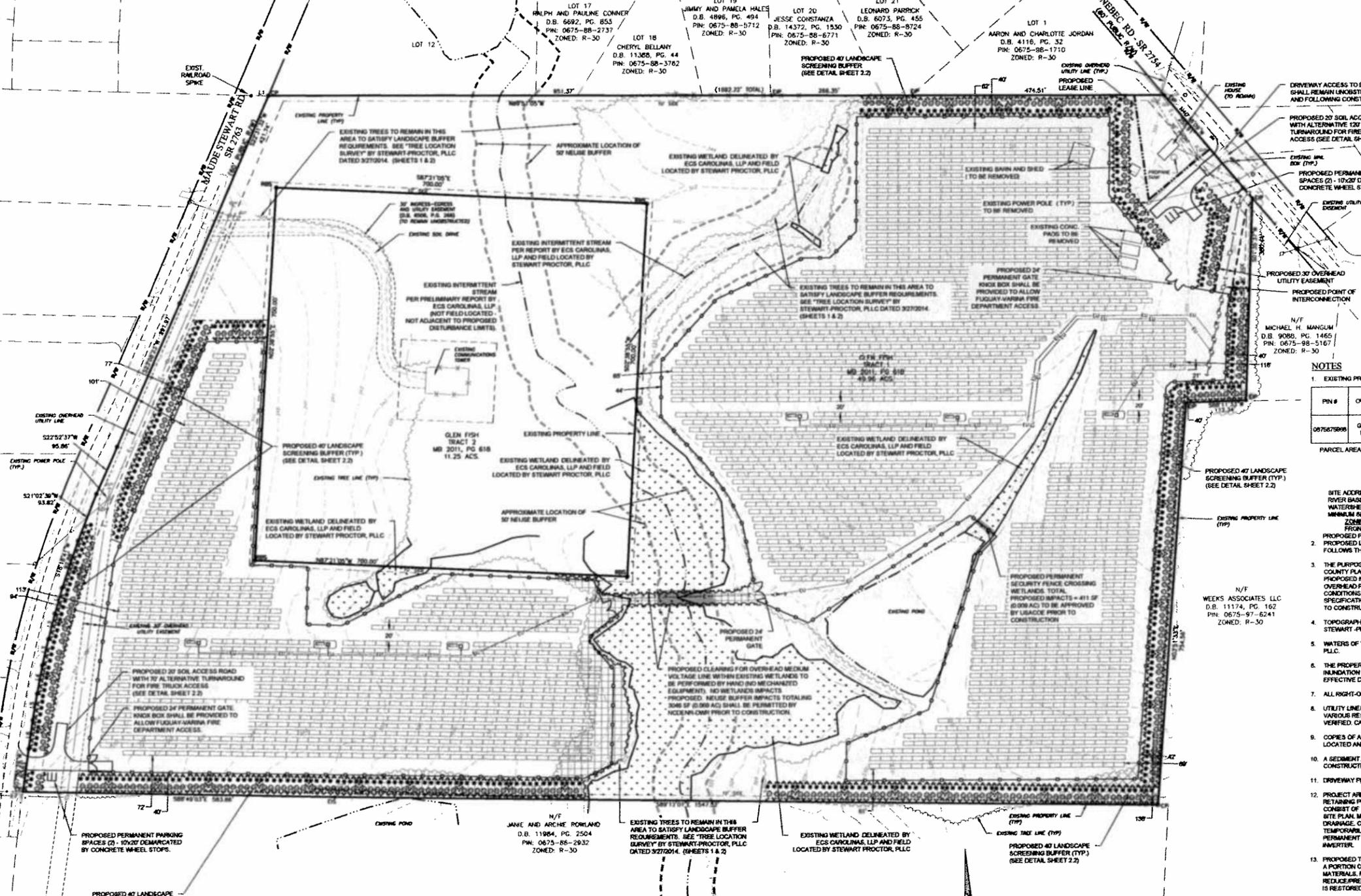
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TYPICAL RACK FRONT ELEVATION
TYPICAL RACK SIDE ELEVATION



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STRATA SOLAR LLC
 50101 Governors Drive, Suite 260
 Chapel Hill, NC 27617
 www.stratasolar.com
 NC License No. D-0296

DEVELOPER / CONSULTANTS

PROJECT NAME & ADDRESS

**SUNFISH SOLAR ELECTRIC
 POWER PLANT
 8300 KENNEBEC RD
 FUQUAY VARINA, NC
 WAKE COUNTY**

DATE

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SYSTEM SIZE

5.00 Mw_p AC

ENGINEER

BTN

CHECKER

BTN

DRAWN BY

RBJ / APL



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REVISIONS

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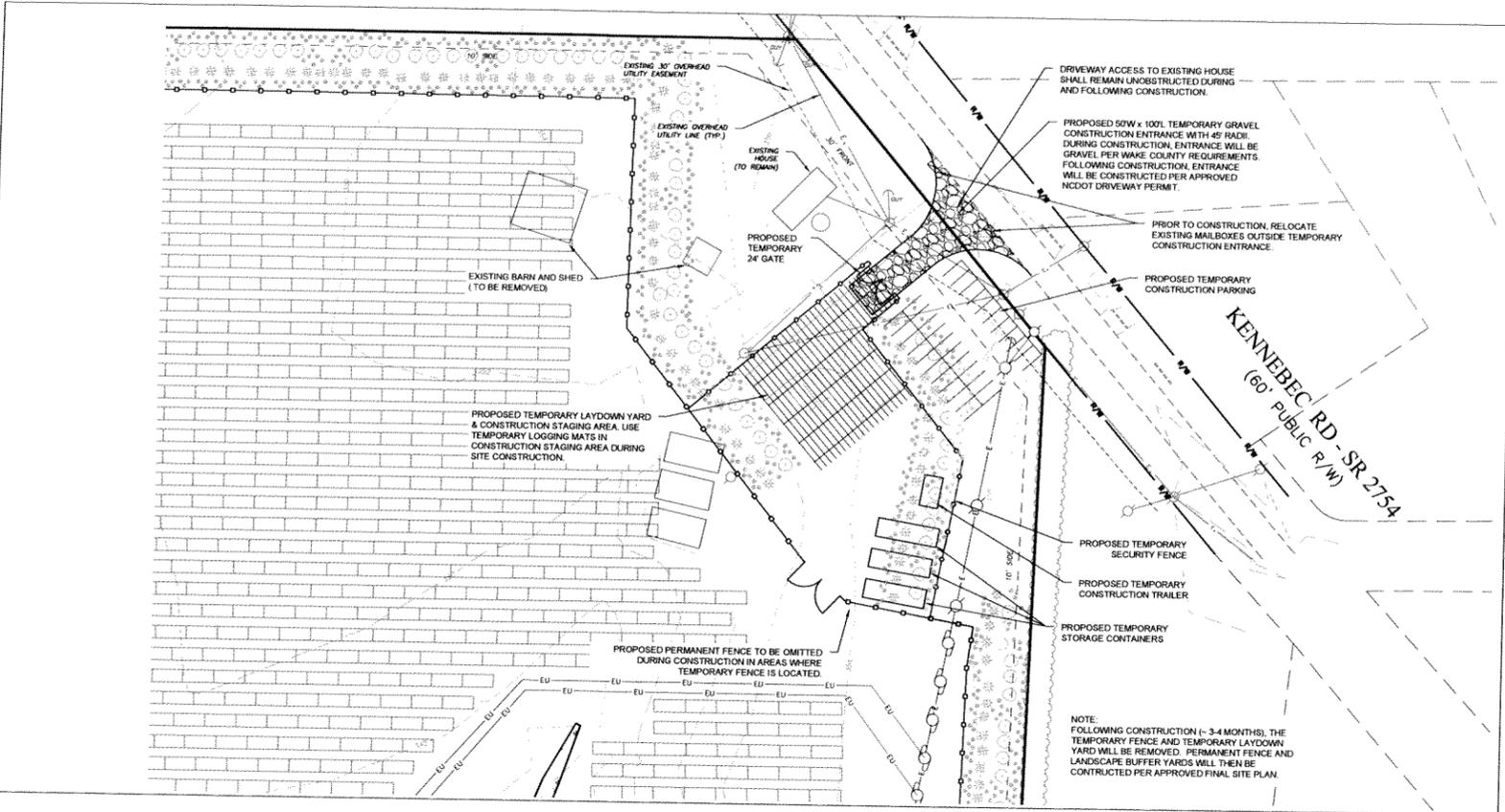
DETAILS

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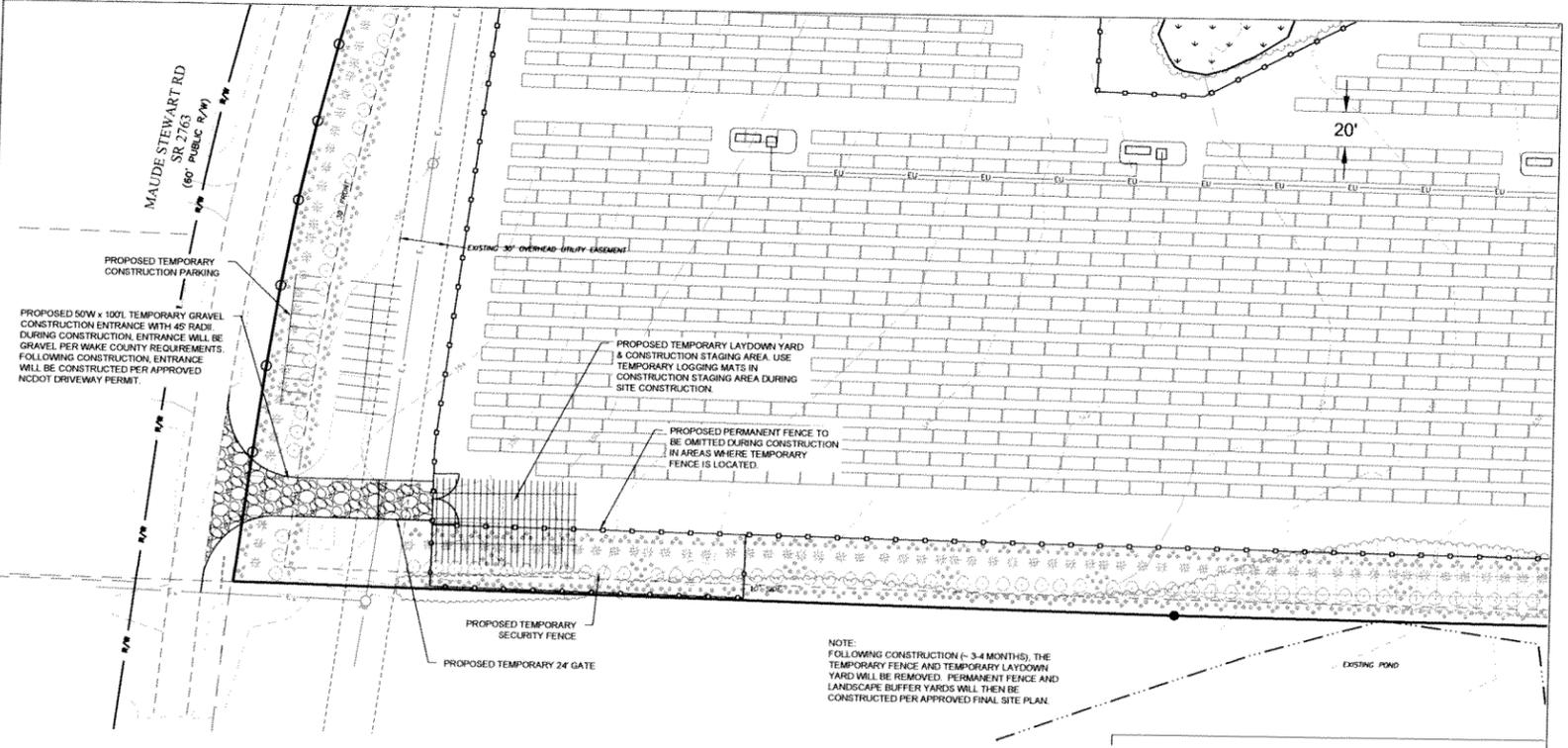
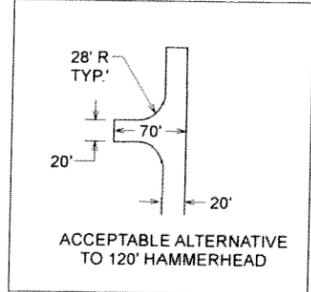
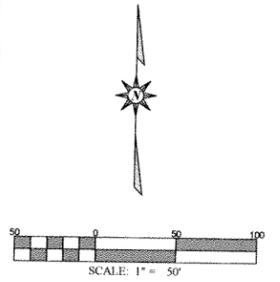
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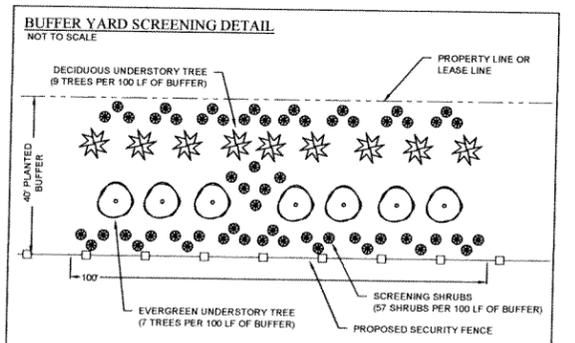
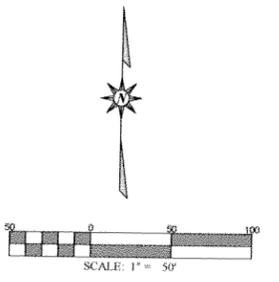
| Sunfish Solar Farm - Impervious Percentage Calculations (Total For Tract 1) | | | |
|---|--------------------|------------------|------------------|
| Existing Conditions | | | |
| | Area (sf) | Area (ac) | % of Total |
| Impervious | | | |
| Drives (Gravel Drive and 3 Conc. Pkls) | 2,254 | 0.052 | 0.1% |
| Structures | 2,306 | 0.058 | 0.1% |
| Pavement | | | |
| Wooded Areas | 428,957 | 9.847 | 19.7% |
| Agricultural Fields/Lawns | 1,742,540 | 40.003 | 80.1% |
| Total Area = | 2,176,257 | 49.960 | 100.0% |
| Existing % Impervious = | | 0.2% | |
| Proposed Conditions | | | |
| | Area (sf) | Area (ac) | % of Total |
| Impervious | | | |
| Existing Gravel Drive To Remain | 1,176 | 0.027 | 0.1% |
| Existing Structures to Remain | 736 | 0.017 | 0.0% |
| Proposed Drives (Conc Asphalt) | 0 | 0.000 | 0.0% |
| Switchgear Pkls | | | |
| # of Pkls | Area/Foot (sf) | Impervious Total | |
| 0 | 100 | 0 | 0.0% |
| Inverter Areas | | | |
| # of Inverters | Area/Inverter (sf) | Inverter Total | |
| 6 | 545 | 3,270 | 0.07% |
| Rack Posts | | | |
| Posts/Rack | # of Racks | Area/Post (sf) | Rack Posts Total |
| 2 | 3249 | 2.3 | 0.002 |
| Pavement | | | |
| Wooded Areas | 366,099 | 8.404 | 16.8% |
| Agricultural Fields/Lawns | 1,800,882 | 41.434 | 82.9% |
| Total Area = | 2,176,257 | 49.960 | 100.0% |
| Proposed % Impervious = | | 0.2% | |



**KENNEBEC RD
 PROPOSED TEMPORARY CONSTRUCTION ACCESS AND STAGING AREA
 SCALE: 1" = 50'**

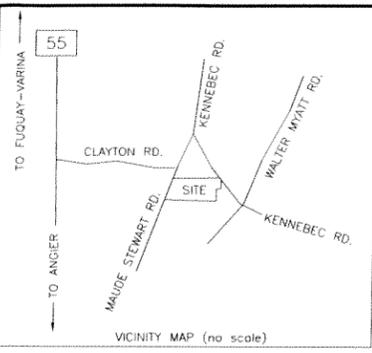


**MAUDE STEWART RD
 PROPOSED TEMPORARY CONSTRUCTION ACCESS AND STAGING AREA
 SCALE: 1" = 50'**



- NOTES**
- PER WAKE COUNTY UNIFIED DEVELOPMENT CODE (WCUDC), ARTICLE 16-10 (4), BUFFER SHALL MEET A TYPE C INTERMITTENT-2 SCREEN 40' WIDTH, EXAMPLE 4 - OVER-HEAD UTILITY SCREEN.
 - ALL LANDSCAPING MATERIALS MUST COMPLY WITH THE AMERICAN NURSERYMAN'S STANDARDS. NONNATIVE OR INVASIVE PLANT SPECIES MAY NOT BE USED FOR PLANTING (SEE THE USDA LIST OF THESE SPECIES). ALL SPECIES CHOSEN FOR PLANTING SHOULD BE CHOSEN FROM AMONGST THOSE SPECIES THAT TYPICALLY GROW IN OUR GEOGRAPHICAL AREA, ZONE 7.
 - PLANTING LOCATIONS SHOWN ARE CONCEPTUAL TO SHOW THE REQUIRED NUMBER OF PLANTS PER 100 LINEAR FEET OF BUFFER. ACTUAL LOCATIONS MAY VARY DEPENDING ON THE PLANT MATERIAL SELECTED, AS LONG AS THE NUMBER OF PLANTS INSTALLED MEETS THE REQUIREMENT.
 - DECIDUOUS UNDERSTORY TREES MUST HAVE A MINIMUM HEIGHT OF EIGHT (8) FEET AT THE TIME OF PLANTING AND BE PLANTED AT LEAST 12 FEET APART. THEY MUST BE OF A SPECIES THAT WILL REACH A MINIMUM HEIGHT OF 15 FEET AT MATURITY.
 - EVERGREEN UNDERSTORY TREES MUST HAVE A MINIMUM HEIGHT OF SIX (6) FEET AT THE TIME OF PLANTING. THEY MUST BE OF A SPECIES THAT WILL REACH A MINIMUM HEIGHT OF 30 FEET AT MATURITY.
 - SHRUBS MUST HAVE A MINIMUM HEIGHT OF 15 INCHES AT THE TIME OF PLANTING AND MAY NOT BE PLANTED CLOSER THAN THREE (3) FEET ON-CENTER OR CLOSER THAN THREE (3) FEET TO PLANTED TREES. THEY MUST BE OF A SPECIES THAT WILL REACH A MINIMUM HEIGHT OF 36 INCHES AT MATURITY.

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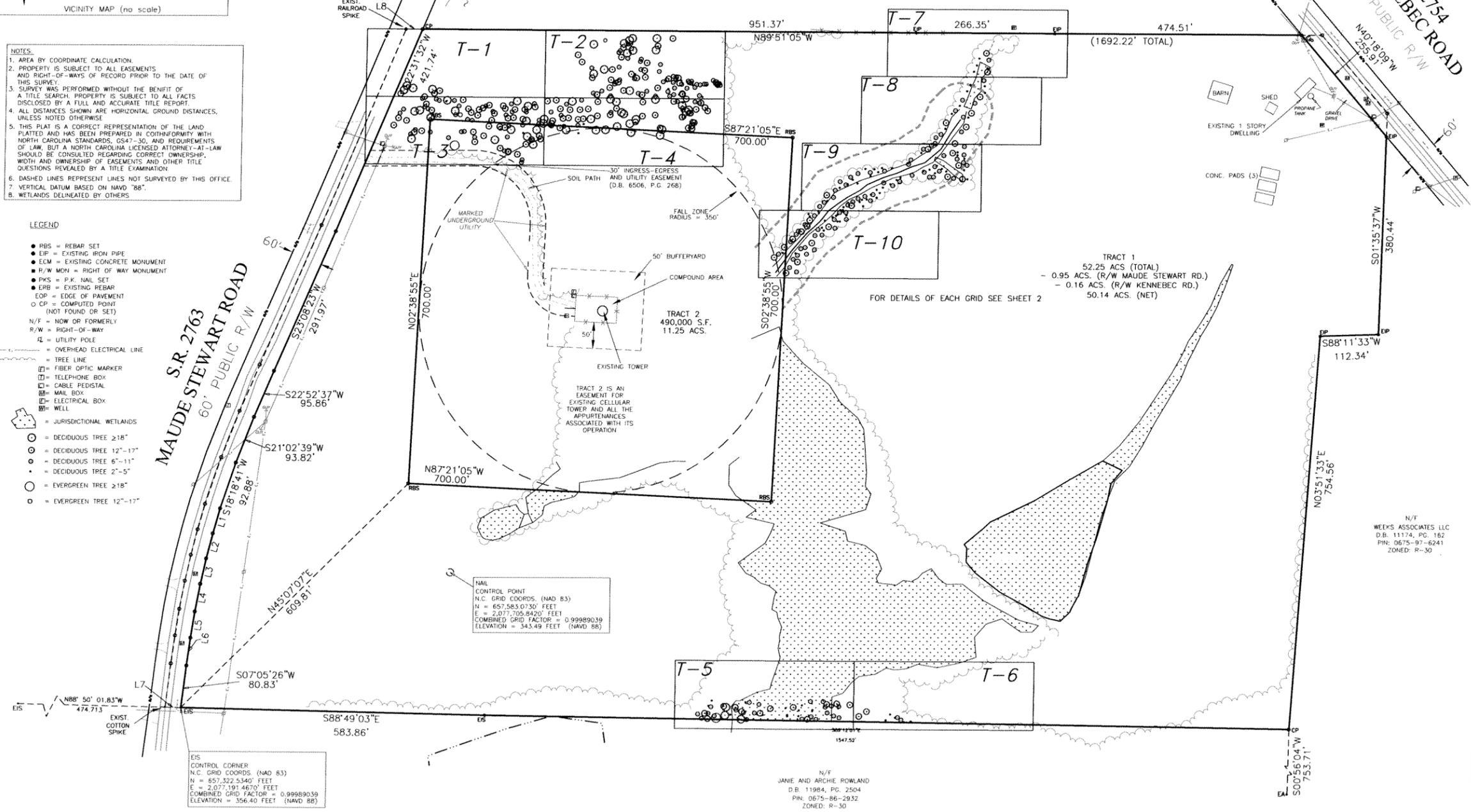


- REFERENCES**
1. MAP BOOK 2011, PAGE 618
 2. MAP BOOK 1969, PAGE 336
 3. MAP BOOK 1987, PAGE 259
 4. DEED BOOK 4841, PAGE 800
 5. DEED BOOK 9225, PAGE 467
 6. DEED BOOK 2349, PAGE 512
 7. ALL DEEDS AND MAPS SHOWN ON THIS SURVEY
 8. WAKE COUNTY C.I.S. INFO.

- NOTES**
1. AREA BY COORDINATE CALCULATION.
 2. PROPERTY IS SUBJECT TO ALL EASEMENTS AND RIGHT-OF-WAYS OF RECORD PRIOR TO THE DATE OF THIS SURVEY.
 3. SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE SEARCH. PROPERTY IS SUBJECT TO ALL FACTS DISCLOSED BY A FULL AND ACCURATE TITLE REPORT, UNLESS NOTED OTHERWISE.
 4. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES, UNLESS NOTED OTHERWISE.
 5. THIS PLAT IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND HAS BEEN PREPARED IN CONFORMANCE WITH NORTH CAROLINA STANDARDS, GS47-30, AND REQUIREMENTS OF LAW, BUT A NORTH CAROLINA LICENSED ATTORNEY-AT-LAW SHOULD BE CONSULTED REGARDING CORRECT OWNERSHIP, WIDTH AND OWNERSHIP OF EASEMENTS AND OTHER TITLE QUESTIONS REVEALED BY A TITLE EXAMINATION.
 6. DASHED LINES REPRESENT LINES NOT SURVEYED BY THIS OFFICE.
 7. VERTICAL DATUM BASED ON NAVD '88
 8. WETLANDS DELINEATED BY OTHERS

- LEGEND**
- RBS = REBAR SET
 - EP = EXISTING IRON PIPE
 - ECM = EXISTING CONCRETE MONUMENT
 - R/W MON = RIGHT OF WAY MONUMENT
 - PKS = P.K. NAIL SET
 - EPB = EXISTING REBAR
 - EOP = EDGE OF PAVEMENT
 - CP = COMPUTED POINT (NOT FOUND OR SET)
 - N/F = NOW OR FORMERLY
 - R/W = RIGHT-OF-WAY
 - U = UTILITY POLE
 - OVERHEAD ELECTRICAL LINE
 - TREE LINE
 - FIBER OPTIC MARKER
 - TELEPHONE BOX
 - CABLE PEDISTAL
 - MAIL BOX
 - ELECTRICAL BOX
 - WELL
 - JURISDICTIONAL WETLANDS
 - = DECIDUOUS TREE ≥18"
 - = DECIDUOUS TREE 12"-17"
 - = DECIDUOUS TREE 6"-11"
 - = DECIDUOUS TREE 2"-5"
 - = EVERGREEN TREE ≥18"
 - = EVERGREEN TREE 12"-17"

S.R. 2763 MAUDE STEWART ROAD
60' PUBLIC R/W



LINE TABLE

| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L1 | 49.42 | S15°28'02"W |
| L2 | 49.32 | S14°06'59"W |
| L3 | 50.04 | S12°29'36"W |
| L4 | 53.88 | S10°18'38"W |
| L5 | 50.34 | S08°50'25"W |
| L6 | 53.69 | S07°41'39"W |
| L7 | 30.07 | S88°42'37"E |
| L8 | 32.39 | N89°51'05"W |

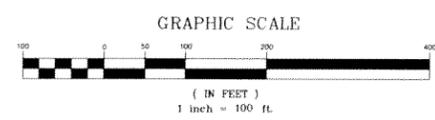
- SITE DATA**
- AREA = 51.06 ACS (TOTAL)
 - 0.95 ACS. (R/W MAUDE STEWART RD.)
 - 0.16 ACS. (R/W KENNEBEC RD.)
 - 49.95 ACS. (NET)
 - PIN: 0675-87-5968
 - PROPERTY DOES NOT LIE IN A F.E.M.A. 100 YEAR SPECIAL FLOOD HAZARD AREA
 - REF: COMMUNITY PANEL 3720067500 K DATED OCTOBER 03, 2006
 - ZONING R-30
 - BUILDING SETBACKS (PER R-30 ZONING)
 - FRONT = 30'
 - REAR = 30'
 - SIDE = 10'
 - CORNER SIDE = 30'
 - HORIZONTAL DATUM: NAD 83
 - VERTICAL DATUM: NAVD 88
 - OWNER: FREDRICK GLENN HISH 2935 JOHN ADAMS ROAD WILLOW SPRING, N.C. 27592

EIS CONTROL CORNER
N.C. GRID COORDS (NAD 83)
N = 657,322.5340' FEET
E = 2,077,191.4670' FEET
COMBINED GRID FACTOR = 0.99999039
ELEVATION = 356.40 FEET (NAVD 88)

NAIL CONTROL POINT
N.C. GRID COORDS (NAD 83)
N = 657,583.0730' FEET
E = 2,077,705.8420' FEET
COMBINED GRID FACTOR = 0.99989039
ELEVATION = 343.49 FEET (NAVD 88)

N/F
JANIE AND ARCHIE ROWLAND
D.B. 11984, PG. 2504
PIN: 0675-86-2932
ZONED: R-30

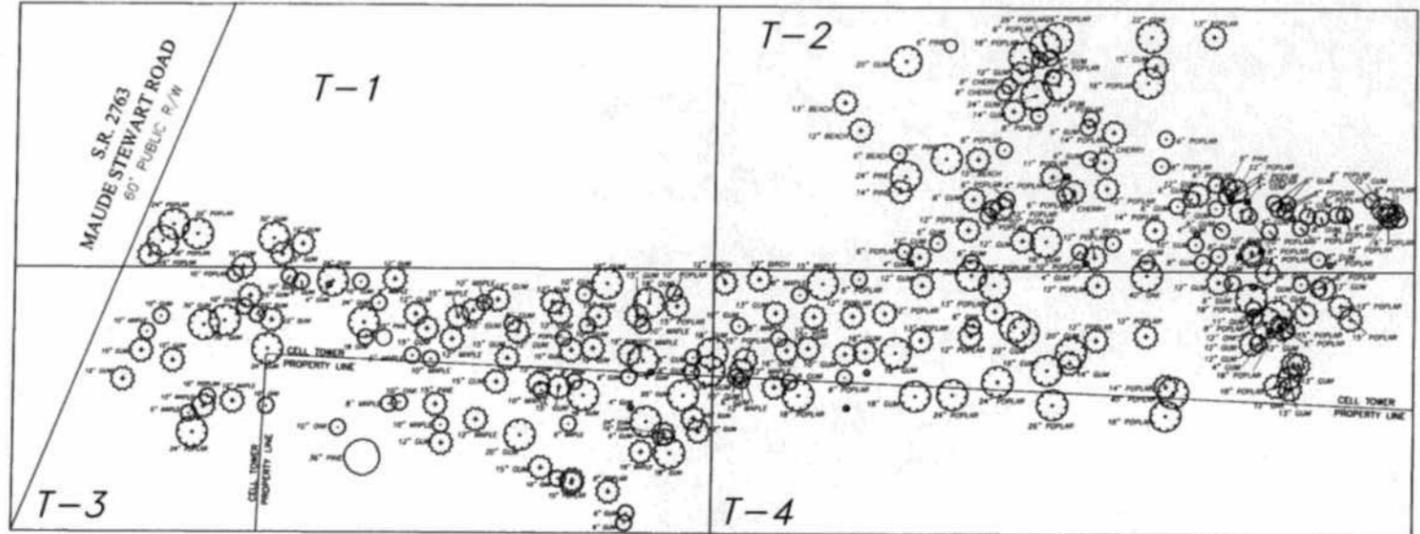
N/F
WEEKS ASSOCIATES LLC
D.B. 11174, PG. 162
PIN: 0675-97-6241
ZONED: R-30



PROPERTY ADDRESS: 8300 KENNEBEC ROAD

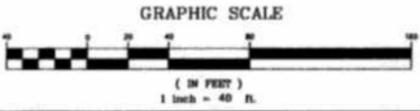
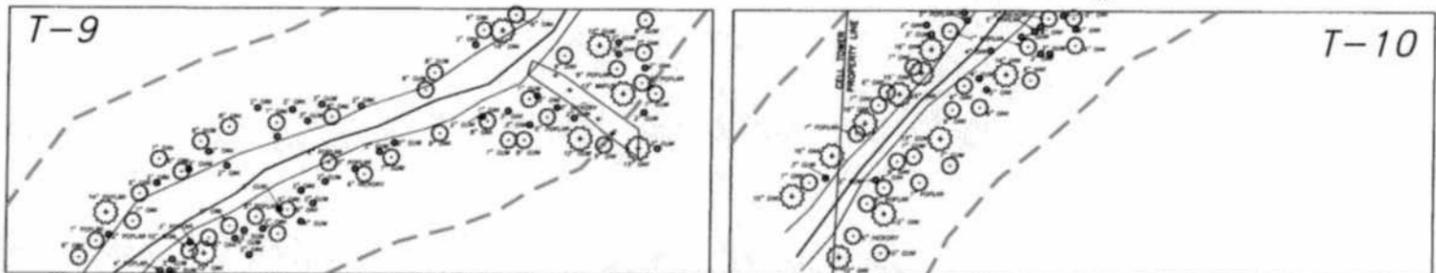
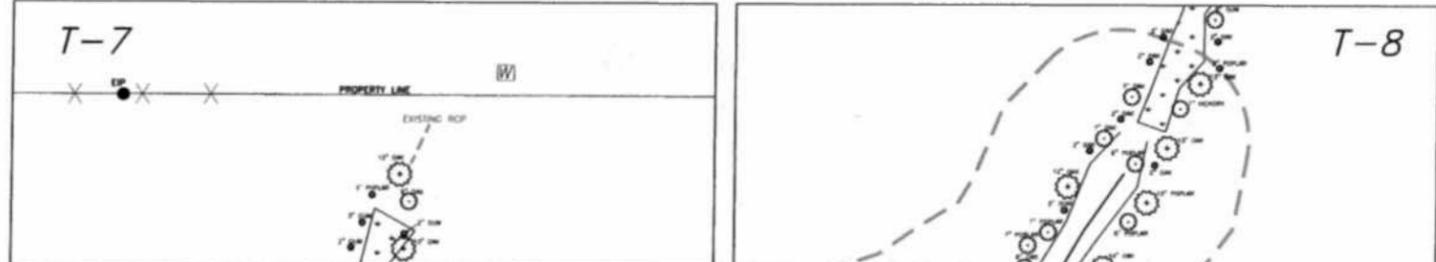
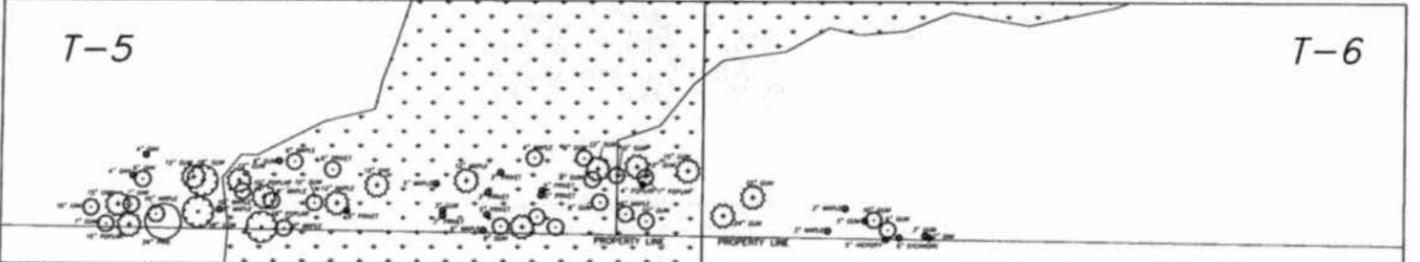
| | | | |
|---|--------------|--|-------------------------------------|
| STEWART-PROCTOR, PLLC ENGINEERING and SURVEYING 319 CHAPANOE ROAD SUITE 106 RALEIGH, NC 27603 TEL 919 779-1855 FAX 919 779-1661 | | "SUNFISH FARM" SHEET 1 TREE LOCATION SURVEY FOR STRATA SOLAR BEING TRACT 1, SHOWN AT MAP BOOK 2011, PAGE 618 DEED REFERENCE: DEED BOOK 4841, PAGE 800 AND DEED BOOK 9225, PAGE 372 | |
| DATE: 03/27/2014 | SURVEYED BY: | JOB: | BLACK RIVER TOWNSHIP NORTH CAROLINA |
| SCALE 1"=100' | DRAWN BY: | DWG. NO.: | WAKE COUNTY OWNER |
| REVISIONS: | | STRATA-SUNFISH | ZONED: R-30 P.I.N. (SEE SITE DATA) |

FOR LOCATION OF EACH GRID SEE SHEET 1
 DETAIL GRID SQUARES ARE 345' BY 130'



- LEGEND**
- RIS - REBAR SET
 - EP - EXISTING IRON PIPE
 - ECM - EXISTING CONCRETE MONUMENT
 - R/W MON - RIGHT OF WAY MONUMENT
 - PMS - P.M. MARK SET
 - ERB - EXISTING REBAR
 - EDP - EDGE OF PAVEMENT
 - CP - COMPUTED POINT (NOT FOUND OR SET)
 - N/T - NOW OR FORMERLY
 - N/W - RIGHT-OF-WAY
 - - UTILITY POLE
 - - OVERHEAD ELECTRICAL LINE
 - - FIBER OPTIC MARKER
 - - TELEPHONE BOX
 - - CABLE PEDISTAL
 - - MAIL BOX
 - - ELECTRICAL BOX
 - - WELL
 - - JURISDICTIONAL WETLANDS
 - - DECIDUOUS TREE >18"
 - - DECIDUOUS TREE 12"-17"
 - - DECIDUOUS TREE 8"-11"
 - - DECIDUOUS TREE 2"-5"
 - - EVERGREEN TREE >18"
 - - EVERGREEN TREE 12"-17"

N.C. GRID NORTH (NAD 83)



| | | | |
|--|--------------|--|-------------------------------------|
| PROPERTY ADDRESS: 8300 KENNEBEC ROAD | | "SUNFISH FARM" SHEET 2 | |
| STEWART-PROCTOR, PLLC ENGINEERING and SURVEYING 319 CHAPINOWE ROAD SUITE 106 RALEIGH, NC 27603 TEL: 919 779-1805 FAX: 919 779-1661 | | TREE LOCATION SURVEY FOR STRATA SOLAR BENIC TRACT 1, SHOWN AT MAP BOOK 2011, PAGE 618 DEED REFERENCE: DEED BOOK 4841, PAGE 800 AND DEED BOOK 8225, PAGE 372 | |
| DATE: 03/27/2014 | SURVEYED BY: | JOB: | BLACK RIVER TOWNSHIP NORTH CAROLINA |
| SCALE: 1"=40' | DRAWN BY: | DRG. NO.: | WAKE COUNTY OWNER |
| REVISIONS: | | STRATA-SUNFISH | ZONED: R-30 P.I.N. (SEE SITE DATA) |