

**PARCEL NUMBER**  
PARCEL # 3753-08-77-7610

**SITE SUMMARY TABLE**

**SOLAR PROJECT**  
:27.5 ACRE

**FLOOD PLAIN DATA**

THIS PROPERTY IS LOCATED WITHIN FLOOD PLAIN ZONE "X" AS INDICATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY, NATIONAL FLOOD INSURANCE RATE MAP, CATAWBA COUNTY, NORTH CAROLINA, # 3710373300-1, EFFECTIVE SEPTEMBER 05, 2007.

ZONE "X" IS DESIGNATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN.

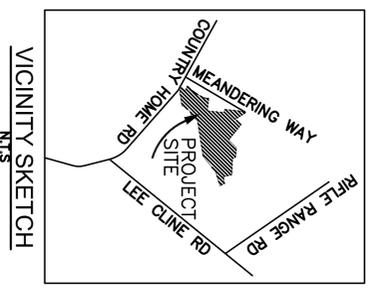
**ENGINEERS NOTE**

1. DUE TO THE LOW TRAFFIC VOLUME, MINIMAL PARKING WILL BE PROVIDED UPON BUILDOUT OF THIS DEVELOPMENT. TEMPORARY MAINTENANCE CREW SHALL UTILIZE THE GRAVEL ACCESSWAY FOR PARKING.
2. THE ONLY UTILITY PROPOSED FOR THIS SITE SHALL BE DIKE. NO OTHER UTILITIES SHALL BE EMPLOYED OR PROPOSED FOR THIS PROJECT.
3. MINIMAL SIGNAGE SHALL BE PROPOSED AT THIS TIME.
4. NO EXTERIOR LIGHTING IS PROPOSED AT THIS TIME.
5. DURING GRADING AND CONSTRUCTION, DUST CONTROL WILL BE PRODUCED BY WATERING AND CONTROLLED VEHICULAR SPEEDS. AFTER CONSTRUCTION, DUST CONTROL WILL BE IMPLEMENTED BY INSTALLING GRAVEL ROADS AS WELL AS REDUCING THE VEHICULAR SPEEDS. THE SOLAR PANELS WILL ACT AS WIND BREAKS, THE PERIMETER FENCING WILL ACT AS A WIND BREAK.
6. WEED AND NOXIOUS PLANTS SHALL BE ROUTINELY REMOVED FROM THE SITE. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO MAINTAIN AND PROVIDE THIS SERVICE TO THE SITE.

**CATAWBA LANDSCAPE NOTES**

1. A DENSE VEGETATION PLANTING INCORPORATING TREES AND/OR SHRUBS OF A VARIETY THAT MUST BE EQUALLY EFFECTIVE IN WINTER AND SUMMER TO ACHIEVE A SOLID CONTINUOUS VISUAL SCREEN WITHIN 5 YEARS AFTER THE INITIAL INSTALLATION.
2. ALL PLANT MATERIALS MUST BE A CONIFER OR BROADLEAF EVERGREEN TO ACHIEVE A MINIMUM HEIGHT OF 6 FEET WITHIN 5 YEARS.
3. TREES AND/OR SHRUBS MUST BE ADEQUATELY SPACED.
4. ONE ORNAMENTAL TREE OR LARGE CANOPY TREE IS REQUIRED FOR EVERY 150 LINEAR FEET OF BUFFER AREA. IT MAY BE PLANTED IN THE BUFFER AREA OR IN THE IMMEDIATE ADJACENT AREA. IT SHALL MEET THE FOLLOWING MINIMUM STANDARDS:
  1. EACH TREE AT THE TIME OF INSTALLATION, MUST HAVE A CLEAR TRUNK HEIGHT OF AT LEAST 5 FEET AND A MINIMUM CALIPER DIAMETER OF 2 INCHES OR A 15 GALLON CONTAINER SIZE OR BALLED AND BRANCHED AT THE TIME OF PLANTING.
  2. MATURE HEIGHT MUST BE AT LEAST 20 FEET UNLESS OTHERWISE NOTED.
  3. MATURE HEIGHT UTILITIES ARE IN THE PLANTING AREA.
5. NO ADDITIONAL BUFFERING IS REQUIRED IF:
  1. EXISTING VEGETATION, LOCATED ON THE SUBJECT PROPERTY, PROVIDES THE DEGREE OF BUFFERING AND SCREENING, IN TERMS OF HEIGHT AND SEPARATION EQUIVALENT TO OR EXCEEDING THAT FOUND IN THE ABOVE CRITERIA, OR
  2. EXISTING VEGETATION, LOCATED ON THE ADJOINING PROPERTY, AFFORDS THE DEGREE OF BUFFERING AND SCREENING, IN TERMS OF HEIGHT OPACITY AND SEPARATION, EQUIVALENT TO OR EXCEEDING THAT FOUND IN THE ABOVE CRITERIA. IF THE SUBJECT PROPERTY OWNER ACQUIRES A PRESENTING EASEMENT FROM THE ADJOINING PROPERTY OWNER, THE SUBJECT PROPERTY OWNER SHALL REGISTER AT THE COUNTY REGISTER OF DEEDS AND STATE THAT THE VEGETATION WILL BE MAINTAINED AND NO STRUCTURE WILL BE BUILT IN THE EASEMENT.

**SITE PLAN**  
FOR  
**"FLASH SOLAR"**  
NEWTON TOWNSHIP  
CATAWBA COUNTY, NORTH CAROLINA



**DEVELOPER**  
SUNLIGHT PARTNERS, LLC  
4215 E. McDOWELL ROAD #212  
MESA, ARIZONA 85213  
PHONE: 801-559-7150  
FAX: 877-325-5544  
ATTN: KEITH COLSON

**OWNER**  
SIRTS ORCHARD HOME, INC.  
4254 COUNTRY HOME ROAD  
CONDOR, NC 28613

**ENGINEER**  
KINETIX ENGINEERING & CONSULTATION  
4215 E. McDowell Road, STE 212  
MESA, ARIZONA 85213  
PHONE: 480-582-1485  
FAX: 480-582-1485  
ATTN: DAVID M. BOHN

**SURVEYOR**  
SACKS SURVEYING AND MAPPING, P.C.  
3308-B EDGEFIELD ROAD  
GREENSBORO, NC 27409  
PHONE: (336) 931-0566  
FAX: 931-0558

**LEGEND**

- BOUNDARY LINE
- SET BACK LINE
- SECURITY FENCE
- PROPOSED UTILITY METERING SECTION
- EXISTING TREELINE
- SOLAR PANELS
- INVERTER
- R/W LINE
- MAJOR CONTOUR
- MINOR CONTOUR
- EXISTING TREE

**SHEET INDEX**  
1.....SITE PLAN



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MESA, ARIZONA 85213  
PHONE: 480-582-1485  
FAX: 480-582-1485

PROJECT:	<b>"FLASH SOLAR"</b> CATAWBA COUNTY, NORTH CAROLINA
DATE:	13260
DESIGNED BY:	KNX
DRAWN BY:	DB
DATE:	09/10/2013
SCALE:	AS SHOWN

**REVISIONS:**

NO.	DESCRIPTION
1	1 OF 1

**1-800-632-4949**

CALL THREE WORKING DAYS BEFORE YOU DIG

PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING

JOB NO. 13260

13260-SP01.DWG

SHEET NO. 1