



**CONTINENTAL RENEWABLES**  
 5316 LYNN LANE,  
 ELLICOTT CITY, MD 21043  
 (410) 837-6534

**BITHENERGY**  
 113 WEST MONUMENT STREET  
 BALTIMORE, MD 21201  
 (410) 962-6535

STRUCTURAL ENGINEERING  
 CERTIFICATION

ELECTRICAL ENGINEERING  
 CERTIFICATION

**SYSTEM PARAMETERS**

HIGH TEMP 37° C	LOW TEMP -15° C
WIND SPEED 105 MPH	EXPOSURE CAT. C
MODULE TYPE TRINA TSM-240-PA05(240Wdc STC)	
MODULE QUANTITY 8316 MODULES (594 STRINGS OF 14)	
SYSTEM SIZE (DC / AC) 2.0MWdc / 1.666MWac	
ARRAY TILT 20°	
ARRAY AZIMUTH 180°	
INVERTERS [3] SOLECTRIA SGI 500, [1] SGI 225	
RACKING GROUND MOUNT	

PROJECT TITLE  
**NIXON FARM  
 PHASE 1**

PROJECT ADDRESS  
**2800 NIXON FARM LANE  
 WEST FRIENDSHIP  
 MD 21794**

REVISIONS


DRAWN BY njb	CHECKED BY
DRAWING SIZE 36X24 MEASURE 1"	DATE 09/04/2013
	SCALE 1/128" = 1'

DRAWING TITLE  
**SITE PLAN**

**RECEIVED**  
 SEP 11 2013  
 LICENSES & PERMITS  
 DIVISION

COMPASS 	DRAWING <b>A1</b>
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# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: 04/11/13

Permit No.: B13003453

SA  
9-11-13

Building Address: 2800 Nixon Farm Lane  
 City: West Friendship State: MD Zip Code: 21794  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: 603003 Subdivision: West Friendship  
 Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: \_\_\_\_\_  
 Tax Map: 15 Parcel: 90 Grid: 16  
 Zoning: RC-DEO Map Coordinates: \_\_\_\_\_ Lot Size: 96.92 acres

Existing Use: N/A  
 Proposed Use: Solar PV Generation Facility  
 Estimated Construction Cost: \$ 1.2M  
 Description of Work: 2MW Ground mounted solar photovoltaic generation facility utilizing driven steel piers as foundations. Secure site will not be accessible to non-qualified personnel.  
 Occupant or Tenant: N/A  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: BITHEnergy - Ricardo Belts  
 Address: 113 West Monument St.  
 City: Baltimore State: MD Zip Code: 21201  
 Phone: (410) 962-1188 Fax: \_\_\_\_\_  
 Email: rbelts@bithgroup.com

Commercial Building Characteristics	Residential Building Characteristics
Height: <u>N/A</u>	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories: <u>N/A</u>	Depth _____ Width _____
Gross area, sq. ft./floor: _____	1 <sup>st</sup> floor: _____
Area of construction (sq. ft.): _____	2 <sup>nd</sup> floor: _____
Use group: _____	Basement: _____
Group <u>U</u>	<input type="checkbox"/> Finished Basement
<b>Construction type:</b>	<input type="checkbox"/> Unfinished Basement
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Slab on Grade
<input checked="" type="checkbox"/> Structural Steel See drawing A3 for details	No. of Bedrooms: _____
<input type="checkbox"/> Masonry	<u>Multi-family Dwelling</u>
<input type="checkbox"/> Wood Frame	No. of efficiency units: _____
<input type="checkbox"/> State Certified Modular	No. of 1 BR units: _____
	No. of 2 BR units: _____
	No. of 3 BR units: _____
	Other Structure: _____
	Dimensions: _____
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings: _____
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof: _____
Roadside Tree Project Permit # _____	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Property Owner's Name: Total Construction Services - George Brown  
 Address: 10291 Baltimore National Pike  
 City: Ellicott City State: MD Zip Code: 21042  
 Phone: (410) 461-7200 Fax: \_\_\_\_\_  
 Email: gbrown@tcsbuilds.com  
 Applicant's Name & Mailing Address, (If other than stated herein)  
 Applicant's Name: Ricardo Belts  
 Address: 113 West Monument St.  
 City: Baltimore State: MD Zip Code: 21201  
 Phone: (410) 461-7200 Fax: \_\_\_\_\_  
 Email: rbelts@bithgroup.com

Contractor Company: Evergreen Solar Services  
 Contact Person: Jacob Stephens  
 Address: 21525 Ridgetop Circle Ste 140  
 City: Sterling State: VA Zip Code: 20166  
 License No.: ES 09994  
 Phone: (888) 303-6424 Fax: \_\_\_\_\_  
 Email: js@evergreensolarservices.com

Engineer/Architect Company: Northern States Metals  
 Responsible Design Prof.: Brian Flood  
 Address: 3207 Innovation Place  
 City: Youngstown State: Ohio Zip Code: 44509  
 Phone: (330) 799-1855 Fax: \_\_\_\_\_  
 Email: bflood@solarflexrack.com

Utilities	
<b>Water Supply</b>	
<input type="checkbox"/> Public	None
<input checked="" type="checkbox"/> Private	
<b>Sewage Disposal</b>	
<input type="checkbox"/> Public	None
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Heating System</b>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<b>Sprinkler System:</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number: _____	
Building Shell Permit Number: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature]  
 Print Name: RICARDO BELTS  
 Email Address: RBELTS@BITHGROUP.COM  
 Title/Company: SR. PROJECT MGR./BITHENERGY

Date: 9/9/13  
 RECEIVED  
 SEP 11 2013  
 LICENSES & PERMITS DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>9/11/13</u>	<u>[Signature]</u>

Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION

Front: \_\_\_\_\_  
 Rear: \_\_\_\_\_  
 Side: \_\_\_\_\_  
 Side St.: \_\_\_\_\_  
 All minimum setbacks met?  Yes  No  
 Is Entrance Permit Required?  Yes  No  
 Historic District?  Yes  No  
 Lot Coverage for New Town Zone: \_\_\_\_\_  
 SDP/Red-line approval date: \_\_\_\_\_

Filing Fee	\$
Permit Fee	\$ 100.00
Tech Fee	\$ 10.00
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ 110.00
Sub- Total Paid	\$
Balance Due	\$
Check	#

Distribution of Copies: White: Building Officials Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA

T:\Operations\Updated Forms\Building\ppimp 8.2012.docx

Monday order #  
47-017954019