### **CERTIFICATE OF APPROPRIATENESS**

Applicant: Michael Pensabene, agent for Clayton Mealer, owner

**Property:** 215 Bayland Ave, Tracts 23 & 24, Block 4, Woodland Heights Subdivision. The property includes a historic 5,772 square foot two-story wood frame single-family residence situated on a 8,000 square foot (100' x 80') corner lot.

Significance: Contributing Queen Anne residence, constructed circa 1903, with a two-story rear addition located in the Woodland Heights Historic District.

**Proposal:** Alteration—Installation of solar panels without a COA or city permits.

- The solar panels installed are 19.3 kw roof mounted PV solar system.
  - Solar panels are installed on the south, west, and east sides of the roof.
  - Solar panels are visible from the right of way.

Public Comment: No public comment received.

Civic Association: No comment received.

Recommendation: Approval with conditions: Staff recommends issuance of a COR to remove the solar panels located on the front south location and the front east location.

HAHC Action: -

## APPROVAL CRITERIA

#### ADMINISTRATIVE APPROVALS

Sec. 33-241.1(c): The director is authorized to issue a certificate of appropriateness for the following activities if the director finds that the proposed activity will be performed in a manner that satisfies the criteria for alterations, additions, or new construction in this article, as applicable. If the director finds that an application for a certificate of appropriateness pursuant to this subsection does not satisfy the applicable criteria, or that the application does not satisfy the general intent and purposes of this article, the director shall refer the application to the HAHC for consideration.

Α	NA	A - applies NA - not applicable
		(4) Installation of:
	$\boxtimes$	a. Burglar bars
	$\boxtimes$	b. Accessibility ramps or lifts
$\square$		c. Low-profile skylights, shutters, solar panels, antennae, satellite dishes, or other roof equipment installed on the front half of the roof; and
	$\boxtimes$	d. Awnings and canopies;

#### ALTERATIONS, REHABILITATIONS, RESTORATIONS AND ADDITIONS

Sec. 33-241: HAHC shall issue a certificate of appropriateness for the alteration, rehabilitation, restoration or addition of an exterior feature of (i) any landmark, (ii) protected landmark, (iii) any building, structure or object that is part of an archaeological site, or (iv) contributing building in a historic district upon finding that the application satisfies the following criteria, as applicable:

S	D	NA		S - satisfies D - does not satisfy NA - not applicable
	$\boxtimes$		(1)	The proposed activity must retain and preserve the historical character of the property; Solar panels are visible from the right of way, therefore, do not meet Criteria 1.
$\square$			(2)	The proposed activity must contribute to the continued availability of the property for a contemporary use;
			(3)	The proposed activity must recognize the building, structure, object or site as a product of its own time and avoid alterations that seek to create an earlier or later appearance; Solar panels are visible from the right of way, therefore, do not meet Criteria 3.
			(4)	The proposed activity must preserve the distinguishing qualities or character of the building, structure, object or site and its environment; Solar panels are visible from the right of way, therefore, do not meet Criteria 4.
		$\boxtimes$	(5)	The proposed activity must maintain or replicate distinctive stylistic exterior features or examples of skilled craftsmanship that characterize the building, structure, object or site;
			(6)	New materials to be used for any exterior feature excluding what is visible from public alleys must be visually compatible with, but not necessarily the same as, the materials being replaced in form, design, texture, dimension and scale; <i>Solar panels are visible from the right of way, therefore, do not meet Criteria 6.</i>
			(7)	The proposed replacement of exterior features, if any, should be based on an accurate duplication of features, substantiated by available historical, physical or pictorial evidence, where that evidence is available, rather than on conjectural designs or the availability of different architectural elements from other structures;

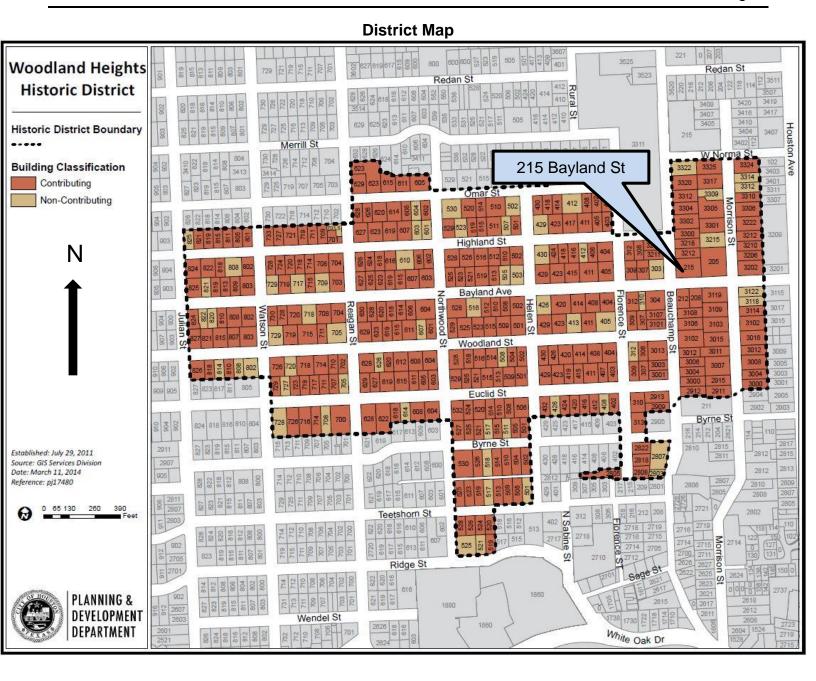
# Houston Archaeological & Historical Commission

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$\boxtimes$		(8)	Proposed additions or alterations must be done in a manner that, if removed in the future, would leave unimpaired the essential form and integrity of the building, structure, object or site;
		(9)	The proposed design for any exterior alterations or addition must not destroy significant historical, architectural, archaeological or cultural material, including but not limited to siding, windows, doors and porch elements;
$\square$		(10)	The proposed alteration or addition must be compatible with the massing, size, scale material and character of the property and the context area; and
	$\boxtimes$	(11)	The distance from the property line to the front and side walls, porches, and exterior features of any proposed addition or alteration must be compatible with the distance to the property line of similar elements of existing contributing structures in the context area.

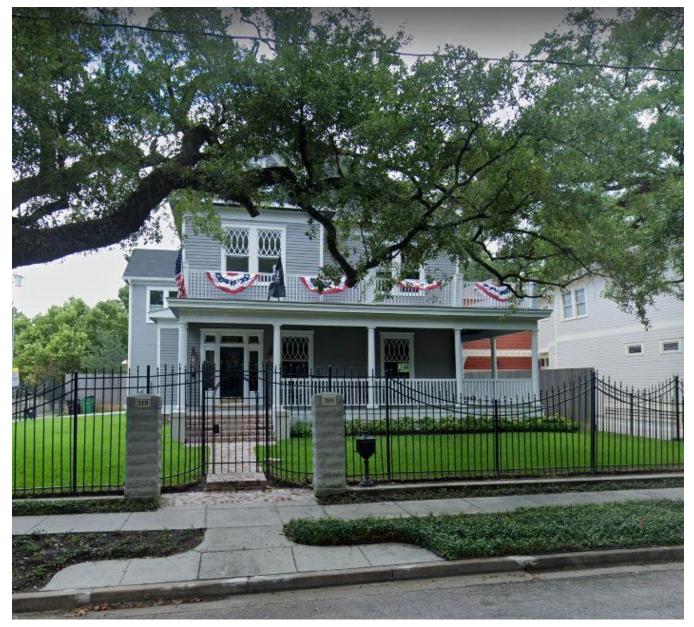
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# **Current Photograph**



# Work Completed



Front of house (facing south)

# Work Completed



Side of house (east side)



Side of house (west side)

## **Houston Archaeological & Historical Commission** July 29, 2021 HPO File No. 2021\_0163

# **ITEM E20** 215 Bayland Ave Woodland Heights

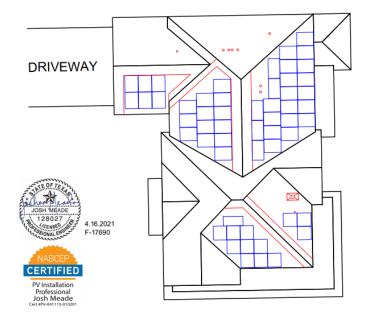
Site Plan DEBICIN BY LEAD ID: 44387 Sichert ead 5.24.21 CONSTRUCTION SUMMARY F-17690 (SUNPOWER SPR-X21-350-BLK-E-AC) SOLAR MODULES, 19.3 kW DC STC (55) PROPERTY LINE JOSH MEADE MODULE DIMENSIONS = 41.2" X 61.3" X 1.80" SUNPOWER SPR-X21-350-BLK-E-AC [240V] PV INVERTERS FIRE CODE SETBACK PER IFC 605, 11,3 128027 (55) COMBINED INVERTER OUTPUT = 17.3 kW AC. 938 in CENSED (430) (40 X 10.75') LINEAR FEET SUNPOWER INVISIMOUNT (120) QMSE-LAG ROOF ATTACHMENTS SUNPOWER MONITORING (1) SITE DETAILS +== ROOF TYPE: ASPHALT SHINGLE ++ == -PV ARRAY #3 (23) MODULES ARRAY #1 - TILT = 45°, AZIMUTH = 179' ARRAY #2 - TILT = 45°, AZIMUTH = 89° PV ARRAY #5 MIN 3FT CLEARANCE ARRAY #3 - TILT = 30°, AZIMUTH = 89° ARRAY #4 - TILT = 30°, AZIMUTH = 269° FREEDOM (6) MODULES REQUIRED ON ALL SIDES CENTERPOINT ENERGY REVENUE METER #92 413 182 GROUNDING ELECTRODE ELECTRODE SOLAR LOAD CENTER MONITORING SOLAR LOAD CENTER MONITORING PV AC DISCONNECT - VISIBLE BREAK - LOCKABLE OF CHIMNEY PREEDOM SOLAR LLC DI FREIDRICH UN, STE AUSTIN, TX 78744 TEGL # 28821 TEPE FIRM # F-17890 ARRAY #5 - TILT = 33°, AZIMUTH = 179° INSTALLATION DIFFICULTY = 13 => HARD 309 215 BAYLAND AVENUE HOUSTON, TEXAS, 77009 PV ARRAY #2 (3) MODULES NOTE:-NO ENCROACHMENT INTO EASEMENTS BY MEALER, CLAYTON NEW SCOPE OF WORK (SOLAR PANELS, RACK/RAIL SYSTEMS & EQUIPMENT 402-3781 - LOCKABLE - LABELED DESIGN CRITERIA Vult=142MPH WITH 3-SECOND GUSTS per ASCE 7-10 1311 in PV ARRAY #4 (13) MODULES (260) PSF GROUND SNOW LOAD=0 EXPOSURE B, PV ARRAY #1 (10) MODULES SHEET NAME SITE MAP & TWO-STORY HOME FALL PROTECTION REQUIRED TALL LADDER NEEDED **PV LAYOUT** 

942 in

BAYLAND AVENUE

#### CONSTRUCTION NOTES

1.) ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 2) ALL OLTOORS ACLE PRAVIDE REALINGTH WITH MIMIMUM NEMA 3R RATING. 3) ALL LOCATIONS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION. 4) TYP: ROOF ATTACHMENT SPACING SHALL BE 4-0" MAX FOR LAG BOLT TYPE ROOF ATTACHMENTS ANCHORED TO RAFTERS 5) TYP: ROOF ATTACHMENT SPACING SHALL BE 4-0" MAX FOR LAG BOLT TYPE ROOF ATTACHMENTS ANCHORED TO RAFTERS 5) TYP: ROOF ATTACHMENT SPACING SHALL BE 4-0" MAX FOR SAI CLAMPS ANCHORED TO STANDING SEMA ROOF PANELS



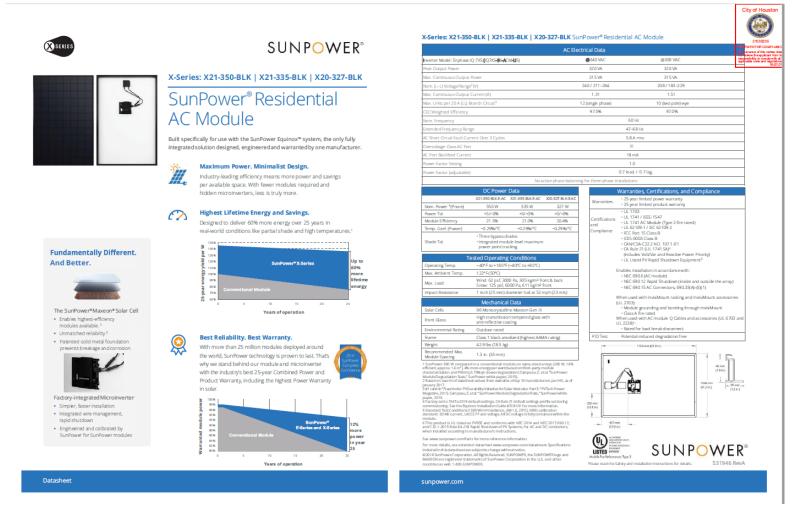
SHEET SKE ANSI B

11" x 17'

PV-1

# ITEM E20 215 Bayland Ave Woodland Heights

# **Solar Panel Information**



## ITEM E20 215 Bayland Ave Woodland Heights

## **Solar Panel Information**

