



VIA ELECTRONIC MAIL

August 19, 2020

Melanie Bachman
10 Franklin Square
New Britain, CT 06051

RE: PETITION NO. 1420- Bloom Energy Corporation petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 150-kilowatt customer-side fuel cell facility and associated equipment to be located at the Home Depot, 225 Berlin Turnpike, Berlin, Connecticut.

Dear Ms. Bachman:

Please see the attached responses to the interrogatories provided to Bloom Energy on August 14, 2020.

Sincerely,

Justin Adams
Permitting Manager

Bloomenergy
Connecticut
860.839.8373
justin.adams@bloomenergy.com

c: Alicia Surowiec, Bloom Energy Corporation

Petition No. 1420
Bloom Energy Corporation
Home Depot, 225 Berlin Turnpike
Berlin, Connecticut

Interrogatories – Set I

1. Please provide a detailed Site Plan of the proposed facility, including but not limited to, the dimensions and locations of the proposed fuel cell facility, concrete pads, cabinets, fence design, bollards (if applicable) and utility connections.

Response: Please see the attached site plan with dimensions and locations of the proposed fuel cell facility, concrete pads, cabinets, fence design, bollards and utility connections.

2. Regarding the sound study provided as Exhibit 6 of the Petition, how close does the proposed fuel cell have to be to a building to be considered under Scenario 1? What is the distance of the proposed fuel cell facility to the building?

Response: The building would need to be adjacent to the fuel cell or within about 6 feet to be considered under Scenario 1. The proposed facility would be 14 feet from the existing building.

3. How often would the Desulfurization units be removed and replaced?

Response: This is largely dependent on the quality of the gas. Bloom Energy continuously monitors the performance of the fuel cell and will replace the desulfurization canisters when the system indicates a need. Based on sites currently operating in Connecticut, canister replacement frequencies are averaging between 18 and 24 months.

4. Was the project selected for the LREC/ZREC program?

Response: Yes, the project was selected for the LREC program.

5. Will fuel cell operation/emergency training be conducted with Town of Berlin (Town) emergency responders?

Response: Yes, as part of the building permit application review process the Berlin Fire Marshal will review the project. During this review, Bloom will provide any on-site training requested by local officials.

6. Please identify the media to be used for pipe cleaning procedures at the proposed facility in accordance with Connecticut General Statutes § 16-50ii as referenced on Petition page 4.

Response: Compressed air will be used at the proposed facility.

7. Does Bloom intend to reach out to the Town's Fire Marshal regarding natural gas pipe cleaning procedures prior to submission of a pipe cleaning plan/protocol?

Response: Yes, Bloom will coordinate with the Berlin Fire Marshal regarding the installation and pipe cleaning procedures prior to execution of the pipe cleaning protocol.



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PRIOR TO COMMENCING ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL CONTACT LOCAL UTILITIES, INCLUDING BUT NOT LIMITED TO ELECTRICAL, GAS, WATER, CABLE, AND TELEPHONE, REQUESTING A UTILITY MARK OUT AND AS NECESSARY RETAIN THE SERVICES OF A PRIVATE UTILITY MARK OUT COMPANY TO PERFORM SUCH MARK OUT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND VERIFY THE LOCATION OF UTILITIES, IRRIGATION, SITE LIGHTING, AND ELECTRICAL LINES IN THE VICINITY OF THE CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR ANY AND ALL UTILITIES DAMAGED BY THE CONTRACTOR'S OPERATION AT NO ADDITIONAL EXPENSE.

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SAN JOSE, CA 95134
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STORE NUMBER: #6203
225 BERLIN TPKE
BERLIN, CT 06037-1505

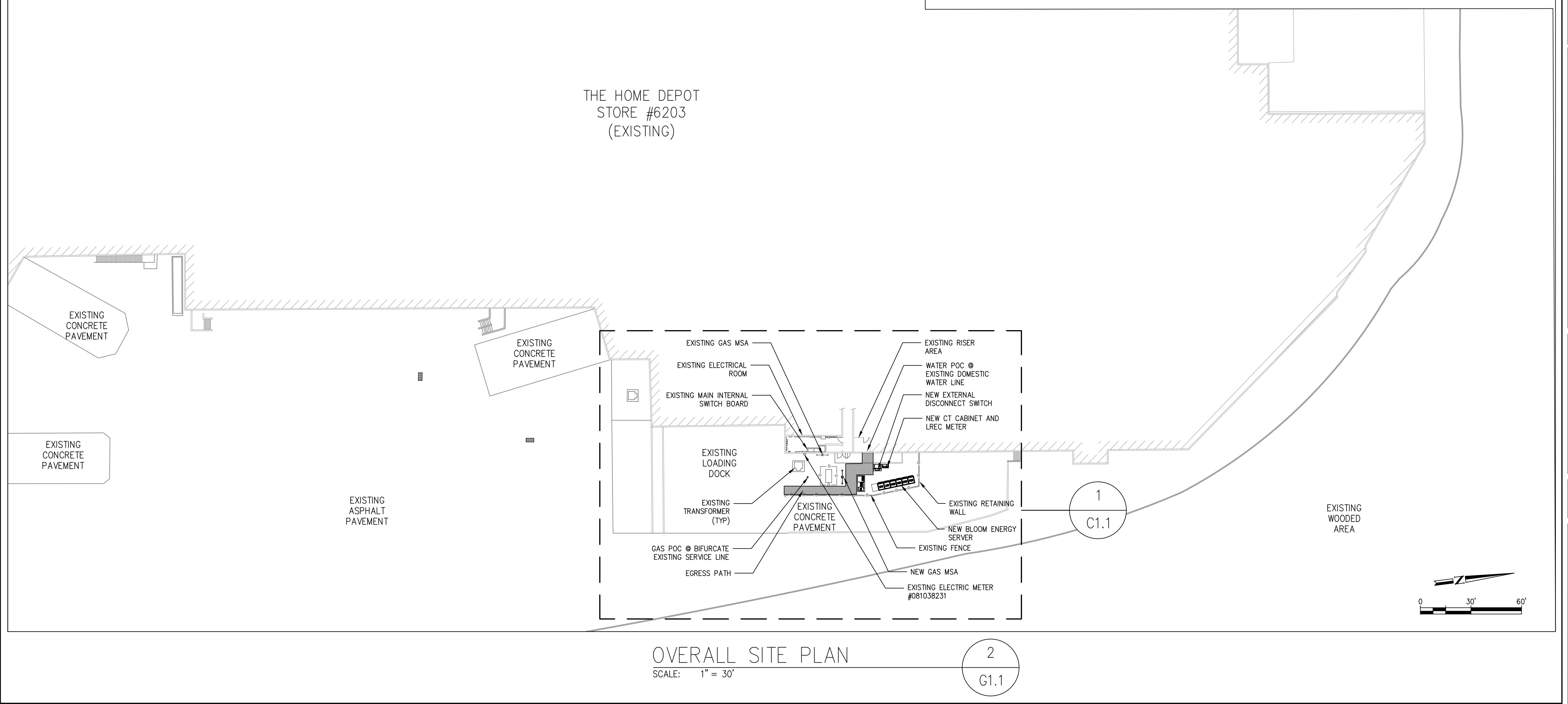
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SITE INFORMATION		PERMITTING INFORMATION		CODES		PROJECT DESCRIPTION		BLOOM ENERGY FAQ's																																									
PARCEL INFORMATION PROPERTY OWNER: THE HOME DEPOT INC. COUNTY: HARTFORD COUNTY TAX MAP #: 4-121-6-7791		MUNICIPAL AGENCY PLANNING: PLANNING AND ZONING DEPARTMENT (860) 828-7066		DEPARTMENT BUILDING: BUILDING DEPARTMENT (860) 828-7180		CONTACT INFO ENERGY: 2015 INTERNATIONAL ENERGY CONVERSATION CODE PLUMBING: 2015 INTERNATIONAL PLUMBING CODE FUEL GAS: 2015 INTERNATIONAL FUEL GAS CODE ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE FIRE: 2018 CONNECTICUT STATE FIRE SAFETY CODE MECHANICAL: 2015 INTERNATIONAL MECHANICAL CODE		PROJECT TEAM CONTACTS FIRM MANUFACTURER: BLOOM ENERGY, ADDRESS: 4353 N. FIRST STREET SAN JOSE, CA 95134, CONTACT INFO: (408) 543-1500																																									
PROPERTY DESCRIPTION PROPERTY TYPE: COMMERCIAL PROPERTY AREA: 1,675,753 S.F. DISTURBED AREA: ±400 S.F.		UTILITY TYPE NATURAL GAS: CONNECTICUT NATURAL GAS (860) 456-8745 ELECTRICAL: EVERSOURCE(CT) (800) 286-2000 WATER: BERLIN WATER CONTROL COMMISSION (860) 828-7065				PROJECT TEAM CONTACTS FIRM MANUFACTURER: BLOOM ENERGY, ADDRESS: 4353 N. FIRST STREET SAN JOSE, CA 95134, CONTACT INFO: (408) 543-1500		PROJECT TEAM CONTACTS FIRM CUSTOMER: THE HOME DEPOT INC., ADDRESS: 225 BERLIN TPKE BERLIN, CONNECTICUT 06037-1505, CONTACT INFO: (770) 384-4646																																									
PARKING INFORMATION EXISTING PARKING WILL NOT BE IMPACTED BY THE PROJECT.																																																	
VICINITY MAP (NTS) 																																																	
PROJECT SITE 																																																	
SCOPE OF WORK THE SCOPE OF THIS PROJECT WILL CONSIST OF THE FOLLOWING: <ol style="list-style-type: none"> 1. CIVIL WORK <ul style="list-style-type: none"> • EXISTING CONCRETE SHALL BE CUT FOR NEW EQUIPMENT PAD FOR BLOOM ENERGY SERVER. • EXISTING SUBGRADE AT CONCRETE CUT WILL BE PREPARED FOR THE NEW EQUIPMENT WEIGHT. • NEW TRENCH FROM BLOOM ENERGY SERVER TO BUILDING FOR GAS, WATER AND ELECTRICAL CONNECTIONS BETWEEN BLOOM ENERGY SERVER AND BUILDING. TRENCH TO BE BACKFILLED AND NEW CONCRETE COVER TO BE PROVIDED. • NEW ENERGY SERVER CONCRETE PAD AND ANCILLARY CONCRETE PAD TO BE PLACED AT PREPARED SURFACE AT CONCRETE CUT OUT. • NEW BOLLARDS TO BE INSTALLED TO PROTECT BLOOM ENERGY SERVER. 2. ELECTRICAL WORK <ul style="list-style-type: none"> • NEW ELECTRICAL FEEDERS BETWEEN BLOOM ENERGY SERVER AND EXISTING MAIN SERVICE SWITCHBOARD. • NEW LREC METER AND CT CABINET TO BE INSTALLED. 3. PLUMBING WORK <ul style="list-style-type: none"> • NEW WATER CONNECTION FROM POTABLE WATER SOURCE IN FACILITY TO BLOOM ENERGY SERVER. • NEW NATURAL GAS CONNECTION. NEW METER AND REGULATOR REQUIRED. 																																																	
DRAWING INDEX <table border="1"> <thead> <tr> <th>SHT#</th> <th>DWG#</th> <th>SHEET TITLE</th> <th>REV#</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>G0.1</td> <td>COVER SHEET</td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>G0.2</td> <td>GENERAL CONSTRUCTION NOTES</td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>C1.1</td> <td>OVERALL SITE PLAN</td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>C1.1</td> <td>DETAILED SITE PLAN</td> <td></td> <td></td> </tr> <tr> <td>05</td> <td>E3.1</td> <td>ELECTRICAL SINGLE LINE DIAGRAM</td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>E3.2</td> <td>ELECTRICAL THREE LINE DIAGRAM</td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>R0.1</td> <td>BLOOM ENERGY PRODUCT DATA SHEETS</td> <td></td> <td></td> </tr> </tbody> </table>										SHT#	DWG#	SHEET TITLE	REV#	DATE	01	G0.1	COVER SHEET			02	G0.2	GENERAL CONSTRUCTION NOTES			03	C1.1	OVERALL SITE PLAN			04	C1.1	DETAILED SITE PLAN			05	E3.1	ELECTRICAL SINGLE LINE DIAGRAM			06	E3.2	ELECTRICAL THREE LINE DIAGRAM			07	R0.1	BLOOM ENERGY PRODUCT DATA SHEETS		
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OVERALL SITE PLAN

SCALE: NTS

1
G1.12
G1.1

OVERALL SITE PLAN

SCALE: 1" = 30'

2
G1.1

CUSTOMER SITE
THE HOME DEPOT INC,
STORE #6203
225 BERLIN TPKE
BERLIN, CT 06037



REVISION HISTORY		
REV	REVISION ISSUE	DATE

DESIGNED BY	REVIEWED BY
DRAWN BY SAHANA S GOWDA	APPROVED BY

SHEET TITLE

OVERALL
SITE PLAN

DRAWING NUMBER

G1.1

BLOOM DOCUMENT

DOC-1012971

THIS DRAWING IS 24" X 36" AT FULL SIZE

SITE ID: HDP206.0 SHEET 03 OF 07

