



VIA FEDEX & ELECTRONIC MAIL

October 4, 2019

Melanie Bachman  
10 Franklin Square  
New Britain, CT 06051

RE: PETITION NO. 1381 – 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 customer-side 600-kilowatt fuel cell facility and associated equipment to be located at the Hospital for Special Care, 2150 Corbin Avenue, New Britain, Connecticut.

Dear Ms Bachman:

Please see the attached response to the interrogatories provided to Bloom Energy on September 26, 2019.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Adams".

Justin Adams  
Permitting Manager

**Bloomenergy**

Connecticut  
860.839.8373  
[justin.adams@bloomenergy.com](mailto:justin.adams@bloomenergy.com)

Petition No. 1381  
Bloom Energy Corporation  
2150 Corbin Avenue  
New Britain, CT  
Interrogatories – Set I

1. Was the project selected for the Low-emission or Zero-emission renewable energy credit (LREC/ZREC) Program?

**Yes, the project was selected for the LREC/ZREC program.**

2. Petition Exhibit 2 - Drawing Nos. G1.1 and C1.1 reference “approximate property line per Orange county assessors map” –should this read “City of New Britain”? Drawing No. G1.1, right hand side, depicts “Corbin Avenue.” Should this be Governor Street? Drawing No. C1.1 appears to have unidentified structures as unfilled and filled circles along the north, west and south sides of the proposed fuel cell. Are these structures bollards? Please provide updated Drawing Nos. C1.1 and G1.1 accordingly and identify such structures.

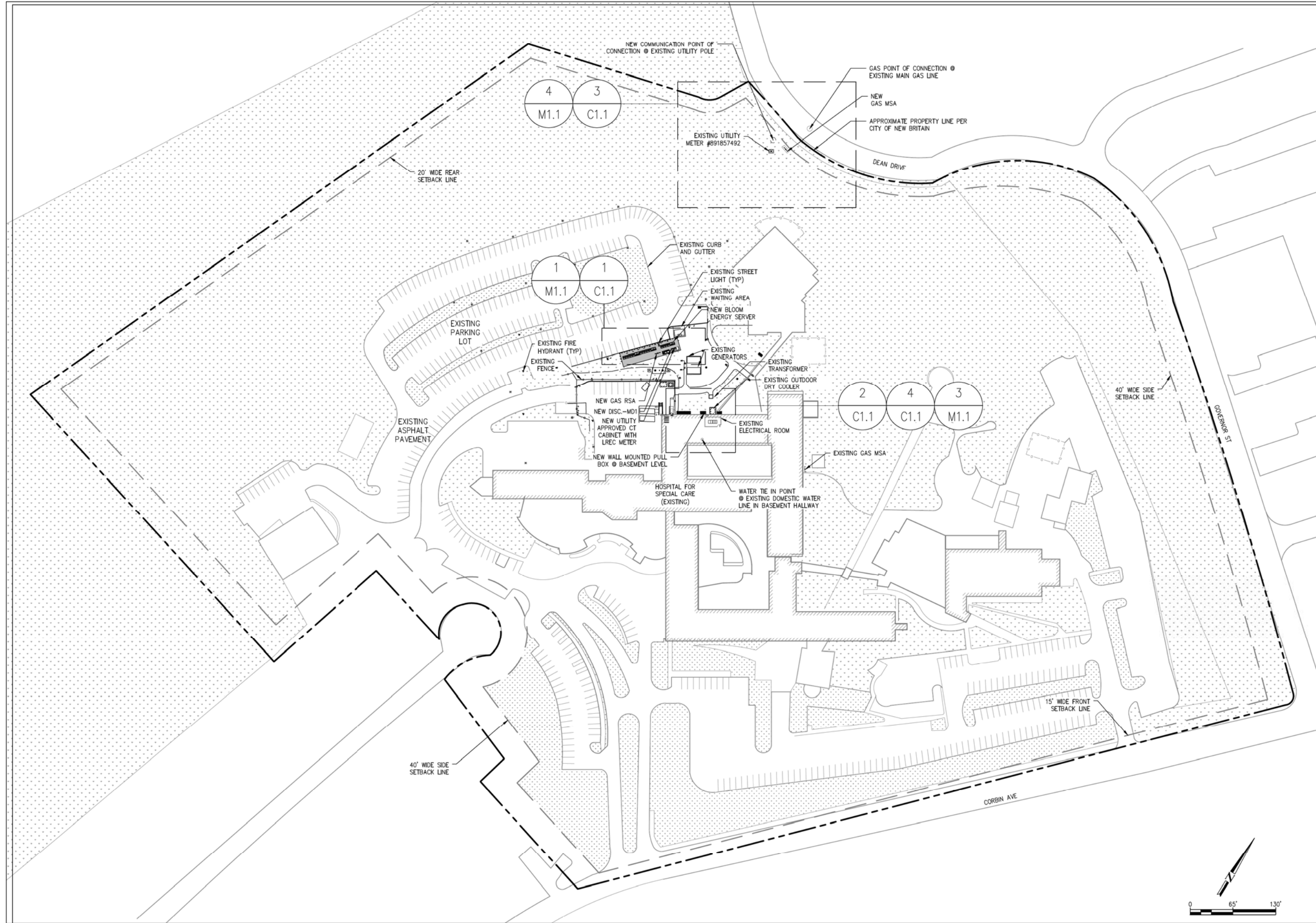
**Drawings C1.1 and G1.1 have been updated to reflect the provided questions and comments and are attached for your reference.**

3. Does Bloom intend to provide the Fire Prevention and Emergency Planning document (Petition Exhibit 4) to local emergency responders and provide on-site training, if requested?

**Bloom will meet with the local Fire Marshal during the building permit review phase of the project. At this time we will provide the Fire Prevention and Emergency Planning document and answer any additional questions that may arise.**

4. Provide an estimate of the total cost of the proposed project. Break down the total cost into categories the Petitioner deems appropriate.

<b>Projected Project Cost Estimates October 10, 2019</b>	<b>Current Forecast</b>
Install Labor	\$ 140,000
Ancillary Equipment	\$150,000
Design	\$ 36,000
Construction	\$ 430,000
Shipping/Rigging	\$70,000
Other (utility fees, contingency)	\$200,000
<b>Total</b>	<b>\$ 1,026,000</b>



CUSTOMER SITE  
HOSPITAL FOR SPECIAL CARE  
2150 CORBIN AVENUE  
NEW BRITAIN, CT 06053



REVISION HISTORY		
REV	REVISION ISSUE	DATE
	RELEASED PER ICD	09/24/2019

DESIGNED BY	REVIEWED BY
DRAWN BY	APPROVED BY
PANTEHA BINER	ANTHONY E. FARMAND, PE

SHEET TITLE  
OVERALL SITE PLAN

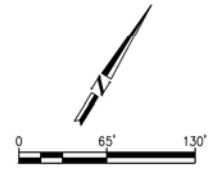
DRAWING NUMBER  
G1.1

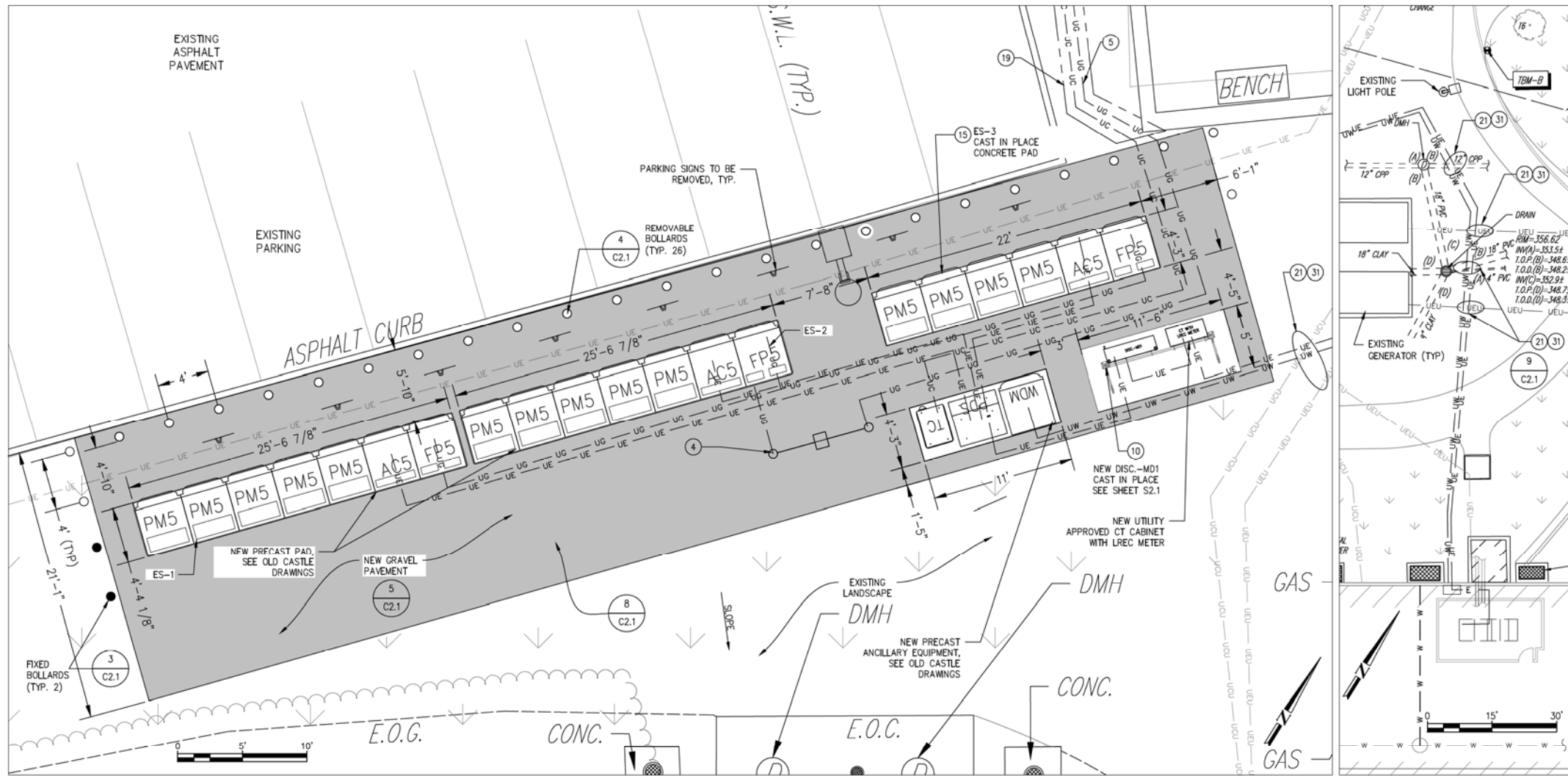
BLOOM DOCUMENT  
DOC-1011669

THIS DRAWING IS 24" X 36" AT FULL SIZE  
SITE ID: HSC000.0 SHEET 03 OF 17

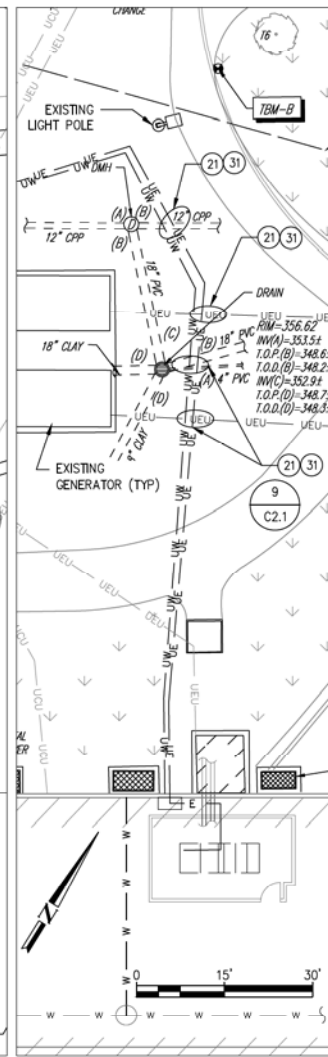
OVERALL SITE PLAN  
SCALE: 1" = 65'

1  
G1.1

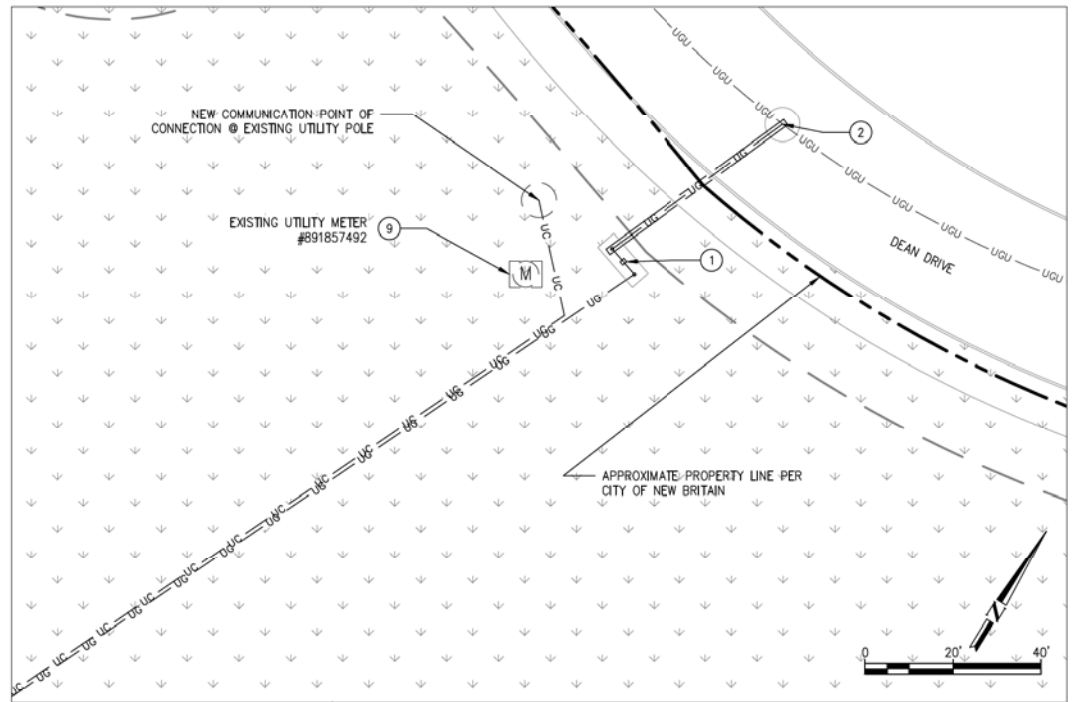




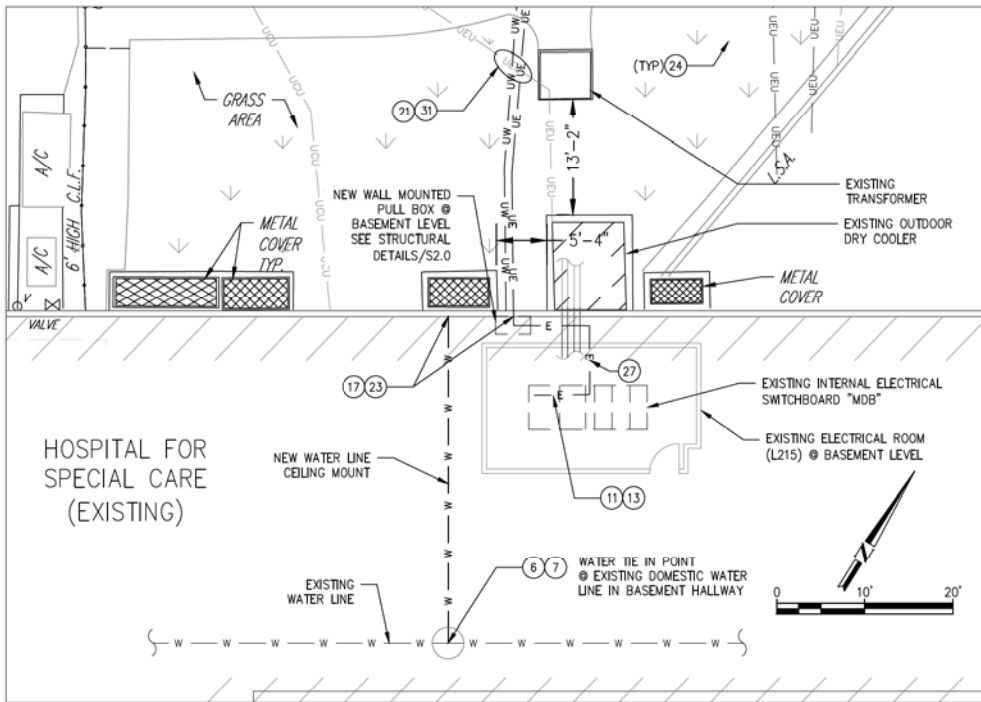
**DETAILED SITE PLAN 1**  
SCALE: 1" = 5'



**DETAILED SITE PLAN 2**  
SCALE: 1" = 15'



**DETAILED SITE PLAN 3**  
SCALE: 1" = 20'



**DETAILED SITE PLAN 4**  
SCALE: 1" = 10'

**GENERAL NOTES**

- CLEAN AND PRIME ALL NEW WIRE MOUNTED PIPING AND CONDUIT. PIPING AND CONDUIT SHALL BE PAINTED WITH EXTERIOR GRADE PAINT TO MATCH EXISTING.
- CONDUITS AND PIPES MOUNTED TO BUILDING WALL SHALL BE SUPPORTED AS PER LOCAL CODE, RUN AT HEIGHT ABOVE DOORWAYS, AND STAND OFF WALL TO AVOID EXISTING CONDUITS AND PIPES.
- SLOPE LINES SHOWN ARE APPROXIMATE AND INTENDED TO SHOW THE GENERAL DIRECTION OF WATER RUN OFF; SLOPE LINES ARE DRAWN PER VISUAL SURVEY OF SURROUNDING AREA.
- SEE BLOOM ENERGY PRODUCT INSTALLATION DRAWINGS FOR UTILITY CONNECTIONS TO ANCILLARY EQUIPMENT AND ENERGY SERVER.

**REFERENCE SHEET NOTES**

- NEW UTILITY PROVIDED AND INSTALLED GAS METER & REGULATOR ASSEMBLY WITH SHUT-OFF VALVE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONCRETE PAD AND REINFORCEMENT SHOP DRAWINGS IF REQUIRED BY UTILITY COMPANY OR INSPECTOR. THE CONCRETE PAD DESIGN SHALL BE IN ACCORDANCE WITH UTILITY REQUIREMENTS.
- NEW UNDERGROUND GAS SERVICE TAP BY UTILITY COMPANY. COORDINATE WITH GAS UTILITY. CONTRACTOR SHALL PERFORM COMPACTION AND MATCH EXISTING SURFACE AND GRADE. CONTRACTOR SHALL COORDINATE GAS PIPE SIZING AND INSTALLATION REQUIREMENTS WITH UTILITY.
- NEW PRIVATE GAS REGULATOR SET ASSEMBLY FOR BLOOM ENERGY SERVER WITH SHUT-OFF VALVE. REFER TO GAS RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- NEW GAS PIPE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO GAS RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- TAP EXISTING WATER LINE AT NEAREST ACCESSIBLE LOCATION IN BUILDING AS SHOWN WITH A LOCAL SHUT-OFF VALVE. REFER TO DOMESTIC WATER CONNECTION DETAIL FOR ADDITIONAL REQUIREMENTS.
- NEW WATER PIPE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO WATER RISER DETAIL FOR ADDITIONAL REQUIREMENTS.
- EXISTING UTILITY ELECTRIC METER. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- NEW BLOOM ENERGY FURNISHED, CONTRACTOR INSTALLED, DISCONNECT SWITCH. STRUT MOUNT PER MANUFACTURER AND UTILITY SPECIFICATIONS.
- CONTRACTOR SHALL TERMINATE ELECTRIC FEEDER AS SHOWN. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE TWO GROUNDING RODS TO BE PLACED 6' APART MINIMUM. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- NEW ELECTRICAL FEEDER SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- NEW BLOOM ENERGY SERVER. REFER TO BLOOM ENERGY STANDARD INSTALLATION DRAWING SET FOR ADDITIONAL BLOOM ENERGY SERVER DETAILS.
- FACTORY WIRED BLOOM ENERGY SERVER EMERGENCY POWER-OFF SWITCH (EPO).
- CONTRACTOR SHALL CORE CONDUIT AND/OR PIPE THROUGH WALL. SCAN WALL PRIOR TO CORING TO AVOID COLLATERAL DAMAGE TO EXISTING PLUMBING AND WIRING. REFER TO WALL PENETRATION DETAIL FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE SAWCUT TRENCH FOR UNDERGROUND UTILITIES IN THIS LOCATION AND HAND DIG TRENCHES WHERE THEY CROSS EXISTING UTILITIES. REFER TO UNDERGROUND/TRENCH CONDUIT AND PIPING DETAIL FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL SAWCUT TO ALLOW FOR EXCAVATION UNDER ENERGY SERVER AND ANCILLARY PAD LOCATIONS. REFER TO PAD DETAIL FOR ADDITIONAL EXCAVATION AND BACKFILL REQUIREMENTS.
- PROTECT EXISTING UNDERGROUND UTILITY LINES FROM DAMAGE WHEN CROSSING WITH NEW UNDERGROUND UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED LINES.
- CONTRACTOR SHALL TRANSITION ALL ABOVEGROUND NEW LINES TO UNDERGROUND TOWARD ANCILLARY EQUIPMENT. ABOVE GROUND UTILITIES SHALL BE PROTECTED AS NECESSARY, THEN ROUTED UNDERGROUND TO EQUIPMENT STUB-UP LOCATIONS PER MECHANICAL DETAIL.
- PROVIDE "DANDY SACK" OR EQUAL WITH OUTFLOW PORTS AT STORM DRAIN INLET. REFER TO EROSION CONTROL DETAIL FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL UNDER-CUT EXISTING CURB FOR TRENCHING UTILITY LINES AND BACKFILL WITH CONCRETE SLURRY. IF CURB IS DAMAGED, REPAIR TO MATCH EXISTING.
- THE LOCATION OF EXISTING UTILITIES IS SHOWN FOR THE CONTRACTOR'S REFERENCE. EXACT LOCATION, DEPTH AND SIZE OF ALL EXISTING UTILITIES IS NOT KNOWN. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES NOT SHOWN ON THESE DRAWINGS.



4353 N 1ST STREET  
SAN JOSE, CA 95134  
PROPRIETARY AND CONFIDENTIAL

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ANTHONY E. FARMAND, PE  
LICENSE, # PEN.0028677

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