

BELLEVUE HOSPITAL 4MW CHP PLANT

LOCATION PLAN

					2		3	4	<u>/</u> 5	6	A
		DRAWING LIST									
			JCTION		UCTION 1022	UCTION 2022	UCTION 2022	JCTION -2022	JCTION 17-2022	UCTION - 2023	UCTION 24 - 2023
			R CONSTR	CONSTR 3-24-202	R CONSTR 0. 1 - 7-6-2	R CONSTR 0. 2 - 7-22	CONSTR 0.4 - 8-2-	R CONSTR 0.5-9-15	R CONSTR 0.6 - 10 -	8 CONSTR 0.9-2-8	CONSTR 0 12 2
			SUED FOF 24-2022	SUED FOF EVISION 1	SUED FOF	SUED FOF	SUED FOF	SUED FOF	SUED FOF	SUED FOF	SUED FOF
Sheet #	Dwg. #	Sheet Name	<u>-</u> S	<u> </u> ର ନ୍ଦ୍ର	<u>∞</u> ⊞	<u>∞</u> ⊞	<u>∞</u> ⊞	l∾⊞	l ⊠ ⊞	N B	് ഇ വി
1	T-001.07	TITLE SHEET AND DRAWING LIST	X	X	X		X	X	Х	X	X X
2	A-100.00	EGRESS SITE PLAN FOR CHP EQUIPMENT PLATFORM	X		X						
3	A-101.02	EGRESS FLOOR PLANS FOR CHP PLATFORM LEVEL 1 & LEVEL 2	X		X		X			Х	<u>}</u>
4	C-100.01	MATERIAL LAY DOWN, OFFICE TRAILERS & CONSTRUCTION FENCE PLAN	X		X						(
5	C-200.00	FLOOD HAZARD MAP	X								} ·
6	S-100.00	CHP PLATFORM LEVEL 1 FOUNDATION PLAN - SECTIONS AND DETAILS	X								\
7	S-101.00	CHP PLATFORM LEVEL 1 FRAMING PLAN - SECTIONS AND DETAILS	X								· _ {
8	S-102.00	CHP PLATFORM LEVEL 2 FRAMING PLAN - SECTIONS AND DETAILS	X								}
9	S-103.00	TYPICAL DETAILS	X								·
10	S-104.00	NOTES	X								2
11	E-001.00	SYMBOLS AND ABBREVIATIONS	Х		X						<u> </u>
12	E-002.02 🔨	13.4KV PRIMARY SERVICE SWITCHGEAR - SINGLE LINE DIAGRAM	X		X			X		Х	<u>}</u>
13	E-003.03	13.4KV PARALLELING SWITCHGEAR - SINGLE LINE DIAGRAM	X		X			X		X	(X .
14	E-004.02	13.4KV PARALLELING SWITCHGEAR - NOTES AND SCHEDULE	X		X			X		Х	X
15	E-005.04	OVERALL SINGLE LINE DIAGRAM	X		X			X		X	<u>} </u>
16	E-006.02	13.4KV PRIMARY SERVICE SWITCHGEAR 3 LINE FEEDER 1	X		X			X		X	<u>}</u>
17	E-007.02/4	13.4KV PRIMARY SERVICE SWITCHGEAR 3 LINE FEEDER 2	X		X			X		X	<u>} </u>
18	E-008.03	BLOCK DIAGRAMS FOR 24VDC SWITCH ENCLOSURES A, B, C	X		X		X	X			<u> </u>
19	E-009.02	125VDC SINGLE LINE DIAGRAM	X		X			X			<u>}</u>
20	E-010.05	SWITCHGEAR COMMUNICATION BLOCK DIAGRAM	X	X	X		X	X		<u> </u>	<u>(× </u>
21	E-011.04	CONDUIT BLOCK DIAGRAMS	X		X		X	X			<u>X </u>
22	E-012.01	13.4KV PRIMARY SERVICE SWITCHGEAR BREAKER SCHEMATIC - SHEET 1	X	X	X			X		<u> </u>	<u> </u>
23	E-013.01	13.4KV PRIMARY SERVICE SWITCHGEAR BREAKER SCHEMATIC - SHEET 2	X	X	X			X		'	
24	E-014.01	13.4KV PARALLELING SWITCHGEAR BREAKER SCHEMATIC	X	X				X			<u> </u>
25	E-100.02	13.4KV PRIMARY SERVICE SWITCHGEAR - FRONT VIEW	X		X			X		X	
26	E-101.02	13.4KV PARALLELING SWITCHGEAR - FRONT VIEW	X					X			}
27	E-102.02	13.4KV SWITCHGEAR MIMIC PANELS	X					X			<u>}</u>
28	E-200.03		X								
29	E-210.07	CHP PLATFORM LEVEL 1 - 13.4KV SWITCHGEAR ARRANGEMENT PLAN	X				X			X	<u> </u>
30	E-220.00									<u> </u>	₹
	E-300.01 /4										<u>}</u>
32	E-310.04									<u> </u>	
	E-320.03										<u>{ ^ </u>
34	E-330.00									+'	<u>}</u>
35	E-400.03									──	(×
30	E-410.01	DETAILS									∖ ×

	D	RAWN BY:		
7 2/24/23 BULLETIN NO.12	K	с	OFNEW	
6 2/8/23 BULLETIN NO.9		-	A MAD O	
5 10/17/22 BULLETIN NO.6	D	ESIGNED BY:	N Ser Will P	PWI ENGINEERING
4 9/15/22 BULLETIN NO.5	LF	P	S 5 10 Day 9124	10 MELROSE AVE, S CHERRY HUL N.LO
3 8/2/22 BULLETIN NO.4			A ARRIVE ATAL	
2 7/6/22 BULLETIN NO.1	C	HECKED BY:	A MARKE	
1 3/24/22 ISSUED FOR CONSTRUCTION - RE	VISION 1 SI	M		
2/24/22 ISSUED FOR CONSTRUCTION			083631	
NO. DATE DESCRIPTION	APPR'D.	ESIGN LEAD:	PROSTOCIONAL	SAVIN ENGINEERS, P.C.
REVISIONS	S	M	ULESSION.	PLEASANTVILLE NY 10570

462 1ST AVENUE, NEW YORK, NY 10016

FEBRUARY 2023 **ISSUED FOR CONSTRUCTION BULLETIN NO.12**

		2	3		5	6	
DRAWING LIST							
Sheet # Dwg. # Sheet Name 37 E-500.01 COVER SHEET 38 E-601.01 CHP PLATFORM LEVEL 1 PLAN 39 E-602.01 CHP PLATFORM LEVEL 2 PLAN 40 E-603.01 CHP PLATFORM ROOF/MEZZ 41 E-801.00 H BUILDING 13TH FL POWER PLAN 42 E-901.01 SINGLE LINE DIAGRAM 43 E-902.01 ELECTRICAL SCHEDULES	x <th>X X X X X BULLETIN NO. 1 - 7-6-2022</th> <th>BULLETIN NO. 4 - 8-2-2022</th> <th>BULLETIN NO. 5 - 9-15-2022</th> <th>X X X BULLETIN NO. 6 - 10 -17-2022</th> <th>ISSUED FOR CONSTRUCTION BULLETIN NO. 9 - 2 - 8 - 2023</th> <th></th>	X X X X X BULLETIN NO. 1 - 7-6-2022	BULLETIN NO. 4 - 8-2-2022	BULLETIN NO. 5 - 9-15-2022	X X X BULLETIN NO. 6 - 10 -17-2022	ISSUED FOR CONSTRUCTION BULLETIN NO. 9 - 2 - 8 - 2023	
44 FA-001.00 FIRE ALARM COVER SHEET 45 FA-100.00 FIRE ALARM PLANS 46 M-001.00 COVER SHEET 47 M-100.00 CHP PLATFORM 48 M-101.00 OVERALL ROOF	X X X X X				X X		
49M-102.00HOT WATER SUPPLY AND RETURN RISER LAYOUT 150M-103.00HOT WATER SUPPLY AND RETURN RISER LAYOUT 251M-104.00HOT WATER SUPPLY AND RETURN RISER LAYOUT 352M-105.00PARTIAL LEVEL 13 MECHANICAL ROOM53M-106.00LEVEL 13 MECHANICAL ROOM	X X X X X						
54 M-107.00 LEVEL 13 MECHANICAL ROOM - PARTIAL PLANS 55 M-201.00 DETAILS 56 M-202.00 DETAILS 57 M-203.00 DETAILS	X X X X X						
56M-204.00PREFABRICATED PUMP SKID DETAILS59M-301.00SCHEDULES60PID-001.00I&C COVER SHEET61PID-002.00PCS NETWORK ARCHITECTURE62PID-003.00PROCESS FLOW DIAGRAM	X X X X X						
63 PID-004A.00 HT CIRCUIT 64 PID-004B.00 HT CIRCUIT 65 PID-005.00 LT CIRCUIT 66 PID-006.00 ENGINE EXHAUST & EMISSIONS 67 PID-007.00 FUEL GAS 68 PID-008.00 LUBRICANT	X X X X X X X X						CON ED CASE NUMBER MC-577227 ELECTRIC
09 FID-009.00 VENTILATION 70 PID-010.00 PROCESS BUILDING HEAT RECOVERY HOT WATER FLOW DIAGRAM 71 PID-010A.00 DOMESTIC HOT WATER FLOW DIAGRAM 72 PID-011.00 BUILDING HEAT RECOVERY HOT WATER FLOW DIAGRAM 73 PID-012.00 FUEL GAS FROM UTILITY 74 P-001.00 PLUMBING COVER SHEET 75 D.400.00 CUB DI ATEODM	X X X X X X						DOB NOW Job #: M00673396-I1, M00673316-I1, M00686238-I1
76 P-200.00 PLUMBING RISER DIAGRAM							SERVICE ADDRESS: 462 1ST AVENUE, NEW YORK, NY 10016 GRAPHIC SCALES CHECK BEFORE USE IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY
NYC HEALTH+ HOSPITALS	(P Ith	01	ve rit	er Y			BELLEVUE HOSPITAL 4MW CHP PLANTDATE: 2/2022 SCALE: NONETITLE SHEET AND DRAWING LISTDATE: 2/2022 SCALE: NONEDRAWING NO. T-001.07



"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."







SITE PLAN





PROJECT DATA:

BLOCK: 962 LOT: 100R ZONE: R8/COMMERCIAL OVERLAY C2-5 MAP: 8D

NOTES:

(REVIEW BASED ON 2014 NYC BUILDING CODE)

- 1. OCCUPANCY CLASSIFICATION: F-1.
- 2. CONSTRUCTION CLASSIFICATION: TYPE IIB.
- 3. REQUIRED EXITS FROM STORIES (BC 1021.1): 2. NUMBER OF EXITS PROVIDE = 2 EGRESS STAIRS TO GRADE.
- 4. REFER TO A-101.00 FOR ADDITIONAL INFORMATION.
- 5. THIS DRAWING SHOWS THE CODE REQUIRED EGRESS FROM THE NEW EQUIPMENT PLATFORM AS BEST AS CAN BE INTERPRETED AND DETERMINED AT THIS TIME. A "CONSTRUCTION CODE DETERMINATION" CCD-1 FORM IS BEING SUBMITTED FOR REVIEW BY DOB AS PART OF THE PERMITTING PACKAGE BECAUSE THIS TYPE OF PLATFORM STRUCTURE IS NOT SPECIFICALLY COVERED IN THE BUILDING CODE.

NOTE:

PROPOSED PATH OF EGRESS FROM THE CHP EQUIPMENT STORAGE VIA AN OPEN EGRESS COURT TO THE FDR DRIVE SERVICE ROAD SHALL BE KEPT CLEAR AND FREE OF ANY/ALL OBSTACLES AT ALL TIMES AND CLEARLY MARKED AS A PATH OF EGRESS FOR THIS STRUCTURE.

PROPOSED PATH OF EGRESS FROM THE CHP EQUIPMENT PLATFORM EGRESS STAIR-A AND EGRESS STAIR-B DIRECTLY TO THE FDR DRIVE SERVICE ROAD VIA AN OPEN EGRESS COURT AT GRADE. TRAVEL DISTANCE FROM EGRESS STAIR-A IS APPROX. 400 L.F. AND EGRESS STAIR-B IS 300 L.F.



DOB NOW Job #: M00686238-11

SERVICE ADDRESS: 462 1ST AVENUE,

NEW YORK, NY 10016 GRAPHIC SCALES

CHECK BEFORE USE

IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY



BELLEVUE HOSPITAL 4MW CHP PLANT

SHEET NO:

2 OF 76 DRAWING NO. A-100.00

DATE: 2/2022

SCALE: AS SHOWN

EGRESS SITE PLAN FOR CHP EQUIPMENT PLATFORM





Drawing Name: C:\SAVIN\BELLEVUE HOSPITAL RFP\BULLETIN-1\C-100.01. Rev#: Projectname: ---- Comments: ----Printed by: kchen Date: 6 July 2022 10:01 AM Designed by: ----Xrefs: [TB.DwG

NOTE 1. E F C C C C C C C C C C C C C	SIGNED AND STAM	INWARD SWINGING ATE PROPERTY AN OF H BUILDING TO BE INSTALLED PR RK AND WILL BE END OF THE CONS BE MAINTAINED ECT. ALL WORK OF D IN ACCORDANC NG CODES. THE D PED BY A LICENSE	TEMPORARY ND ORIGINATES O NE CORNER OF RIOR TO ANY THE LAST ITEM STRUCTION THROUGHOUT THE N THIS DRAWING E WITH ALL NYC ORAWING HAS BEEN E ENGINEER.	
	South	H LOT DRIVE	WAY CON ED CAS MC-577227 DOB NOW Job #: M	SE NUMBER ELECTRIC
-	0 8' SCALE: 3/32" =	 1'−0"	SERVICE ADDRESS: 462 1ST AVENUE, NEW YORK, NY 10010 GRAPHIC CHECK BEF IF SHEET IS LESS IT IS A REDU SCALE ACC	5 SCALES FORE USE THAN 22" X 34" JCED PRINT. ORDINGLY
ver ity	BE MATERIAL CON	LLEVUE HO 4MW CHP PI CIVIL LAY DOWN, OFF ISTRUCTION FE	SPITAL LANT TICE TRAILERS & NCE PLAN	SCALE: AS SHOWN SHEET NO: 4 OF 76 DRAWING NO. C-100.01





jurisdiction. Elevations shown in the Summary of Stillwater Élevations tables

Silver Spring, Maryland 20910-3182

http://www.ngs.noaa.gov.

Profiles and Floodway Data tables in the Flood Insurance Study Report (which differ from what is shown on this map.

community is located.

(LIMWA). The LIMWA represents the approximate landward limit of the 1.5 - foot breaking wave. The effects of wave hazards between the VE Zone and the LiMWA (or between the shoreline and the LiMWA for areas where VE Zones are

e previously issued Letters of Map Change, a Flood Insurance Stud ordered or obtained directly from the MSC website.

210000 FT 205000



	EGEND				
SPECIAL FLO	OD HAZARD AREAS SUBJECT TO INUNDATION				
BY THE 1% A flood (100-year flood	NNUAL CHANCE FLOOD), also known as the base flood, is the flood that has a 1% (in any given year. The Special Flood Hazard Area is the				
flooding by the 1% a I, AO, AR, A99, V, and al chance flood.	Innual chance flood. Areas of Special Flood Hazard include VE. The Base Flood Elevation is the water-surface elevation				
No Base Flood Base Flood Ele	Elevations determined. vations determined.				
Flood depths Elevations dete Flood depths o	of 1 to 3 feet (usually areas of ponding); Base Flood ermined. If 1 to 3 feet (usually sheet flow on sloping terrain); average				
depths determ determined. Special Flood H	nined. For areas of alluvial fan flooding, velocities also				
flood by a floo AR indicates t provide proted	Id control system that was subsequently decertified. Zone that the former flood control system is being restored to tion from the 1% annual chance or greater flood.				
Area to be proprotection sy determined.	otected from 1% annual chance flood by a Federal flood stem under construction; no Base Flood Elevations				
Coastal flood Elevations dete Coastal flood	zone with velocity hazard (wave action); no Base Flood ermined. zone with velocity hazard (wave action); Base Flood				
FLOODWAY AF	REAS IN ZONE AE				
the channel of a strea t so that the 1% annu	am plus any adjacent floodplain areas that must be kept free Jal chance flood can be carried without substantial increases				
OTHER FLOOD Areas of 0.2% a) AREAS Innual chance flood; areas of 1% annual chance flood with				
average depths of mile; and areas p	of less than 1 foot or with drainage areas less than 1 square protected by levees from 1% annual chance flood.				
Areas determine Areas in which fi	, d to be outside the 0.2% annual chance floodplain. ood hazards are undetermined, but possible.				
COASTAL BAR	RIER RESOURCES SYSTEM (CBRS) AREAS				
OTHERWISE F	PROTECTED AREAS (OPAs) ated within or adjacent to Special Flood Hazard Areas.				
1% a	innual chance floodplain boundary annual chance floodplain boundary				
	way boundary D boundary ; and OPA boundary				
Boun Boun	dary dividing Special Flood Hazard Area Zones and dary dividing Special Flood Hazard Areas of different Base Elevations, flood deaths or flood velocities				
	of Moderate Wave Action				
Base in fee	Flood Elevation value where uniform within zone; elevation				
e North American Ver	ucai Datum of 1988 section line				
Culve Road	ert, Flume, Penstock or Aqueduct or Railroad Bridge				
Footb 2'30'' Geog	nidge raphic coordinates referenced to the North American m of 1983 (NAD 83). Western Hemisphere				
1000	-meter Universal Transverse Mercator grid values, zone 18				
T 5000- syster Conic	foot grid values: New York State Plane coordinate n, Long Island zone (FIPSZONE 3104), Lambert Conformal projection				
K Benci FIRM River	h mark (see explanation in Notes to Users section of this panel) Mile				
Refer to listing	MAP REPOSITORY of Map Repositories on Map Index				
IN	ITIAL NFIP MAP DATE June 28, 1974				
FLOOD HAZA	RD BOUNDARY MAP REVISIONS June 11, 1976 JRANCE RATE MAP EFFECTIVE				
FLOOD INSU	November 16, 1983 JRANCE RATE MAP REVISIONS				
of revisions see N	lotice to Users page in the Flood Insurance Study				
if flood insurance is	available in this community, contact your Insurance				
250 0	SCALE 1" = 500' 500 1000 FEET				
50 0	METERS 150 300				
NEID	PANEL 0201G				
	FIRM				
F	LOOD INSURANCE RATE MAP				
	CITY OF, NEW YORK				
	NEW YORK BRONX, RICHMOND, NEW YORK,				
	QUEENS, AND KINGS COUNTIES				
	SEE MAP INDEX FOR FIRM PANEL LAYOUT)				
	<u>:Ontains:</u> :O <u>MMUNITY NUMBER PANEL SUFFIX</u>	CON FD CASE			
SN 1	IEW YORK, CITY OF 360497 0201 G	MC-577227 E	LECTRIC		
OC	PRELIMINARY DECEMBER 5, 2013	DOB NOW Job #: MOC	0673316-11		
	lotice to User: The Map Number shown below should be sed when placing map orders; the Community Number hown above should be used on insurance applications for the ubject community.	SERVICE ADDRESS:			
		462 1ST AVENUE, NEW YORK, NY 10016			
MIC	3604970201G	GRAPHIC SC	CALES		
	MAP REVISED	CHECK BEFO	RE USE		
NV	Federal Emergency Management Agency	IF SHEET IS LESS TH IT IS A REDUCE	AN 22" X 34" D PRINT.		
		SCALE ACCOR	DINGL T DATE: 2/2022		
	BELLE	SCALE: AS NOTED			
ver	4MW	SHEET NO:			
rity	FLC	DRAWING NO.			
		C-200.00			
			_		