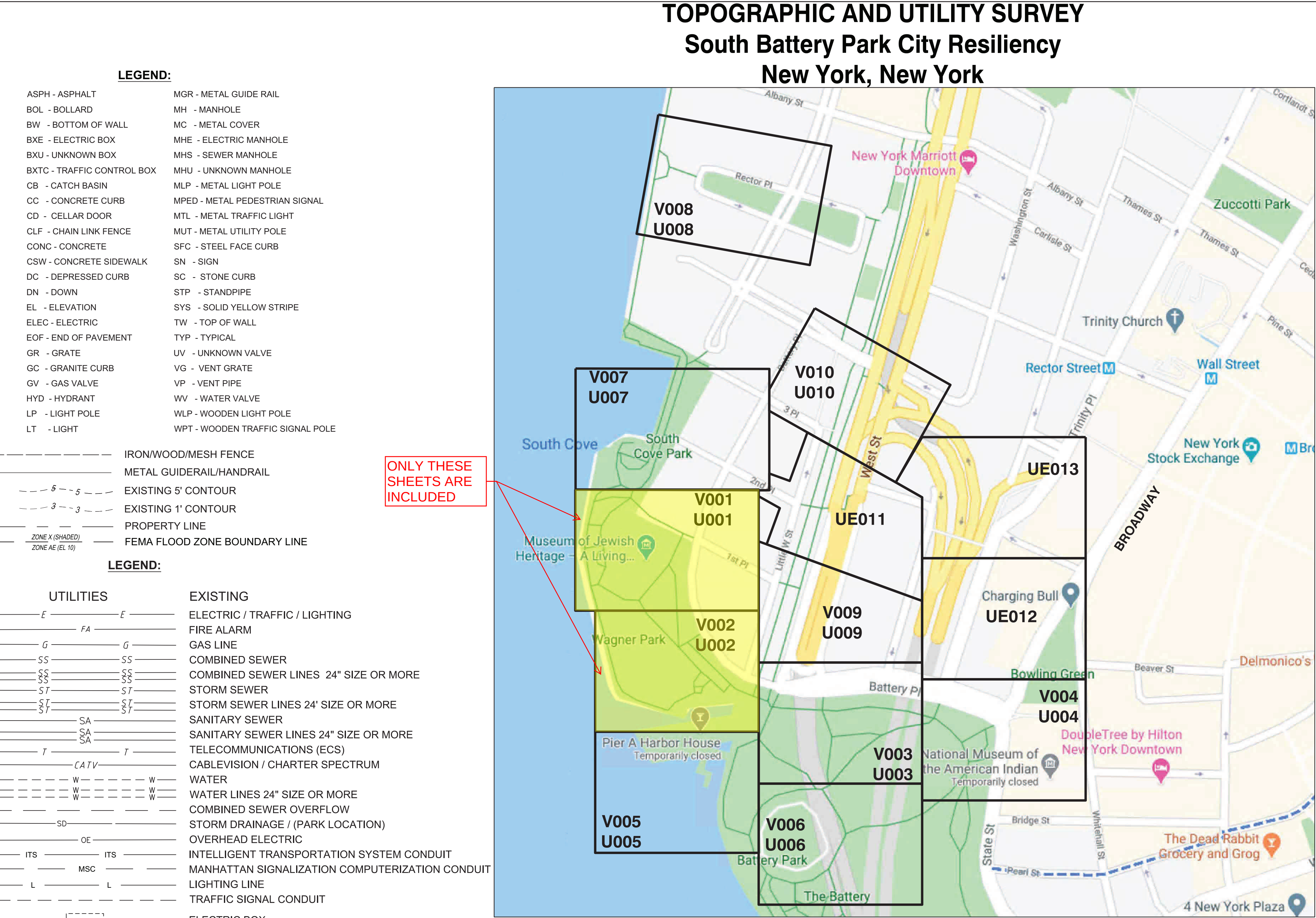




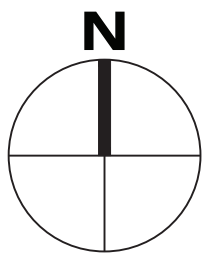
SURVEY NOTES:

- THE COORDINATE SYSTEM USED FOR THIS SURVEY IS THE NORTH AMERICAN DATUM OF 1983 (NAD 83), NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE.
- ELEVATIONS SHOWN HEREON ARE IN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE UTILITY MAPPING QUALITY WORK WAS DONE TO A LEVEL C AS DEFINED BY ASCE 38-02 STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE DATA WHICH WAS BASED ON RECORD INFORMATION AND VISIBLE SURFACE-LEVEL UTILITY HARDWARE.
- ON SHEETS UE011, UE012, AND UE013, TOPOGRAPHIC AND PLANIMETRIC INFORMATION SHOWN IS BASED ON LIDAR ACQUISITION BY KEYSTONE AERIAL SURVEYS, INC. DATED 04/18/2019 AND PHOTOGRAMMETRIC COMPILATION BY T3 GLOBAL STRATEGIES, INC. DATED 04/20/2019 AS DEPICTED BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. ON DRAWING NO. VT101 "TOPOGRAPHIC SURVEY", DATED 09-05-19. THIS INFORMATION IS SUPPLEMENTED BY SEWER UTILITY INFORMATION PREPARED BY NAIK CONSULTING GROUP, PC. NO OTHER UTILITIES WERE SURVEYED IN THESE SHEETS. PLOTTING OF OTHER UTILITIES ON SHEETS UE012, UE013 WAS NOT WITHIN THE SCOPE OF THE SURVEY.
- FIELD SURVEY COMPLETED ON 8/24/2020.

- SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FROM VARIOUS CITY DEPARTMENTS AND/OR PRIVATE UTILITY COMPANIES. THE SURVEYOR DOES NOT CERTIFY AS TO THE ACCURACY OR COMPLETENESS OF THIS DATA AND USERS OF THIS SURVEY AGREE TO HOLD THE SURVEYOR HARMLESS FOR SAME. THE LOCATION OF SAID UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND MUST BE CONFIRMED BY THE USER OF THIS SURVEY PRIOR TO CONSTRUCTION.
- THIS IS TO CERTIFY THAT THERE ARE NO VISIBLE STREAMS OR NATURAL COURSES IN THE PROPERTY AS SHOWN ON THE SURVEY.
- THE SURVEYOR WILL NOT BE LIABLE OR HELD RESPONSIBLE FOR DAMAGES TO SUBSURFACE UTILITIES EITHER WITHIN OR OUTSIDE THE SURVEYED PROPERTY DUE TO CONSTRUCTION.
- THE USER OF THE SURVEY EXPRESSLY UNDERSTANDS AND AGREES THAT THE SURVEYOR MAKES NO CLAIM AND DOES NOT GUARANTEE THAT THE SEWERS SHOWN HEREON ARE PUBLIC OR THAT ANY PROPERTIES SHOWN ON THIS SURVEY WILL BE ABLE TO CONNECT TO SAME.
- THE OFFSETS OR DIMENSIONS SHOWN FROM THE STRUCTURES TO THE PROPERTY LINES ARE FOR A SPECIFIC PURPOSE AND USE AND THEREFORE ARE NOT INTENDED TO GUIDE THE ERECTION OF FENCES, RETAINING WALLS, POOLS, PLANTING AREAS, ADDITIONS TO STRUCTURES, AND OTHER CONSTRUCTION.

- THE LIMITS OF THE AREA SURVEYED ARE LOCATED WITHIN THE FOLLOWING FIVE (5) "SPECIAL FLOOD HAZARD AREAS" DEFINED AND DEPICTED ON FEMA'S "FLOOD RISK INSURANCE RATE MAP" (FIRM) FOR "CITY OF NEW YORK, NEW YORK, BRONX, RICHMOND, NEW YORK, QUEENS AND KINGS COUNTIES ON PANEL 184 OF 457, CONTAINS COMMUNITY: NEW YORK, CITY OF, NUMBER "360497" PANEL "0184" SUFFIX "F". MAP NUMBER 3604970184F DATE MAP REVISED: SEPTEMBER 5, 2007.
 - ZONE "X" (SHADED) - AREAS OF 0.2% ANNUAL CHANCE FLOODPLAIN; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
 - THE FOLLOWING FIVE (5) "SPECIAL FLOOD HAZARD AREAS":
 - ZONE "AE" (EL10) - SPECIAL FLOOD HAZARD AREA INUNDATED BY 100 YEAR FLOOD; BASE FLOOD ELEVATIONS DETERMINED.
 - ZONE "AE" (EL11) - SPECIAL FLOOD HAZARD AREA INUNDATED BY 100 YEAR FLOOD; BASE FLOOD ELEVATIONS DETERMINED.
 - ZONE "VE" (EL12) - COASTAL FLOOD ZONE WITH VELOCITY HAZARD (WAVE ACTION); BASE FLOOD ELEVATIONS DETERMINED.
 - ZONE "VE" (EL13) - COASTAL FLOOD ZONE WITH VELOCITY HAZARD (WAVE ACTION); BASE FLOOD ELEVATIONS DETERMINED.
 - ZONE "VE" (EL14) - COASTAL FLOOD ZONE WITH VELOCITY HAZARD (WAVE ACTION); BASE FLOOD ELEVATIONS DETERMINED.

THE REMAINING SURVEYED AREAS FALL IN "ZONE "X" (UNSHADED) - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".



- BOL - BOLLARD
- BXE - ELECTRIC BOX
- GV - GAS VALVE
- HYD - HYDRANT
- LP - LIGHT POLE
- LT - LIGHT FIXTURE SUSPENDED OVERHEAD
- MANHOLE UNKNOWN
- DRAINAGE MANHOLE
- ELECTRIC MANHOLE
- COMBINED SEWER MANHOLE
- SANITARY MANHOLE
- WATER MANHOLE
- METAL LIGHT POLE
- METAL PEDESTRIAN SIGNAL
- METAL TRAFFIC LIGHT
- RECORD DRAWING
- SIGN
- UNKNOWN VALVE
- WATER VALVE
- METAL POLE W/ 2 LIGHTS
- SCANNER LOCATION
- DECIDUOUS TREE
- TREE PIT
- CONIFEROUS TREE
- SPRINKLER HEAD
- STANDPIPE
- STORM DRAIN INLET
- VENT PIPE
- COMMUNICATION MANHOLE
- RECORD MANHOLE
- TELECOMMUNICATION MANHOLE (ECS)
- FIBER MANHOLE
- FDNY MANHOLE
- NYCTA MANHOLE

LIST OF DRAWINGS

SHEETS	DESCRIPTION
GN001	COVER PAGE
V001 TO V010	TOPOGRAPHIC SURVEY PLANS
U001 TO U010	UTILITY SURVEY PLANS
UE011 TO UE013	EXTENDED SEWER SURVEY PLANS
PM001 TO PM002	PARCEL COMPILATION MAPS

HYDROGRAPHIC NOTES:

- THIS SURVEY DOES NOT GUARANTEE THE ABSENCE OR PRESENCE OF ANY UNDERWATER OBSTRUCTION. DIVER VERIFICATION MAY BE REQUIRED.
- THE INFORMATION DEPICTED ON THIS MAP WAS PREPARED BY ROGERS SURVEYING, PLLC DATED 09-10-19 AND REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THE DATA IS REPRESENTATIVE OF A LARGER DATA SET. THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 2 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110 2 1003.
- RTK GPS WAS USED TO RECORD WATER LEVEL DURING SURVEY. N.O.A.A.'s "VDATUM" WAS USED TO ESTABLISH MEAN LOWER LOW WATER VALUE AT SITE.

PROJECT

SOUTH BATTERY PARK CITY RESILIENCY

CLIENT

HUGH L. CAREY
BATTERY PARK CITY
AUTHORITY

CONSULTANT

AECOM

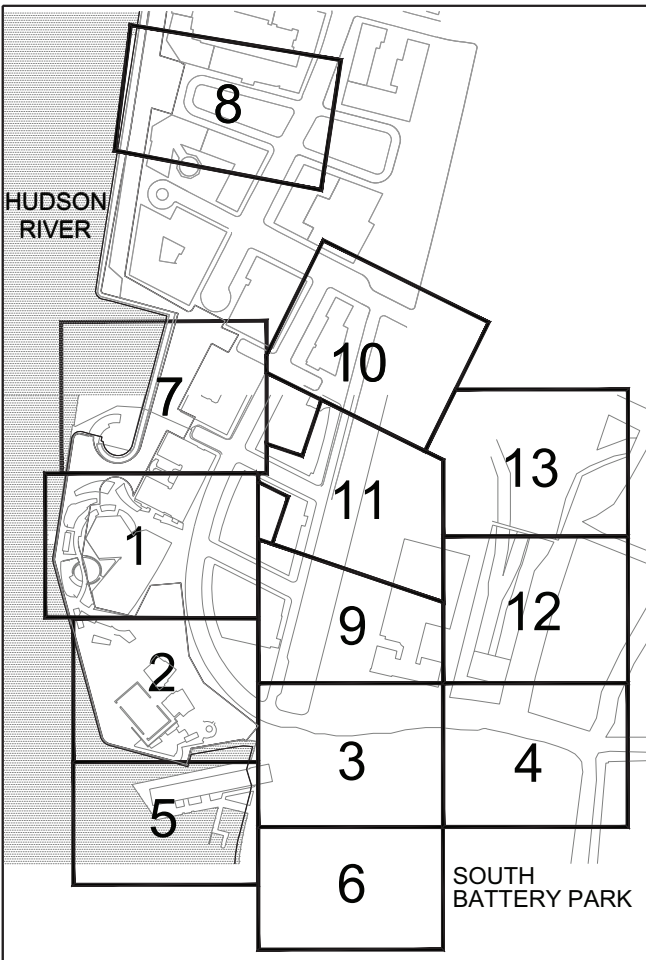
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KEY PLAN



REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
1	Jan - 2022	Bid Set
2	2021-08-27	

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

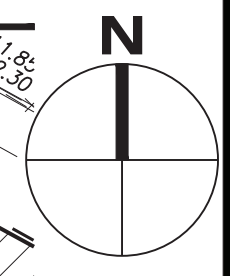
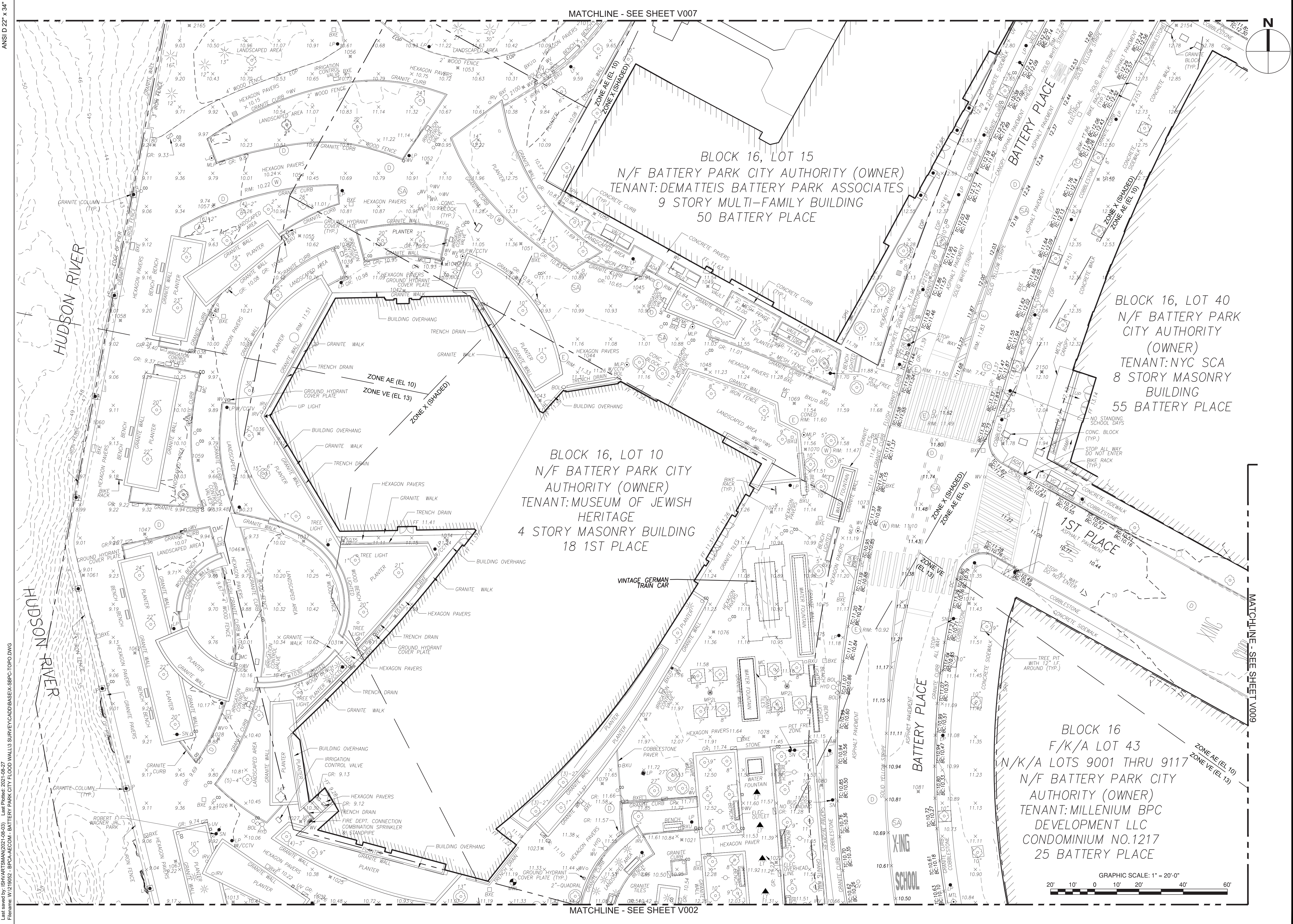
COVER PAGE

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GN001

ANSI D 22" x 34"

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PROJECT
SOUTH BATTERY PARK CITY RESILIENCY

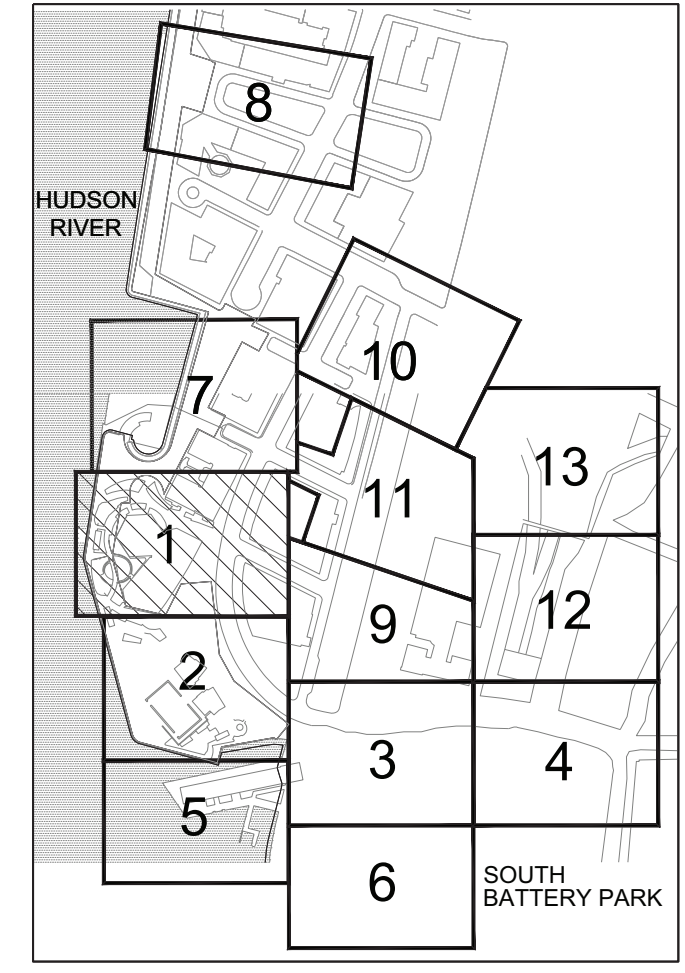
CLIENT
HUGH L. CAREY
BATTERY PARK CITY AUTHORITY

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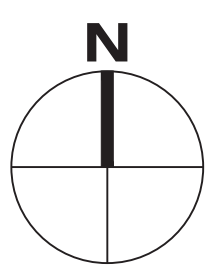
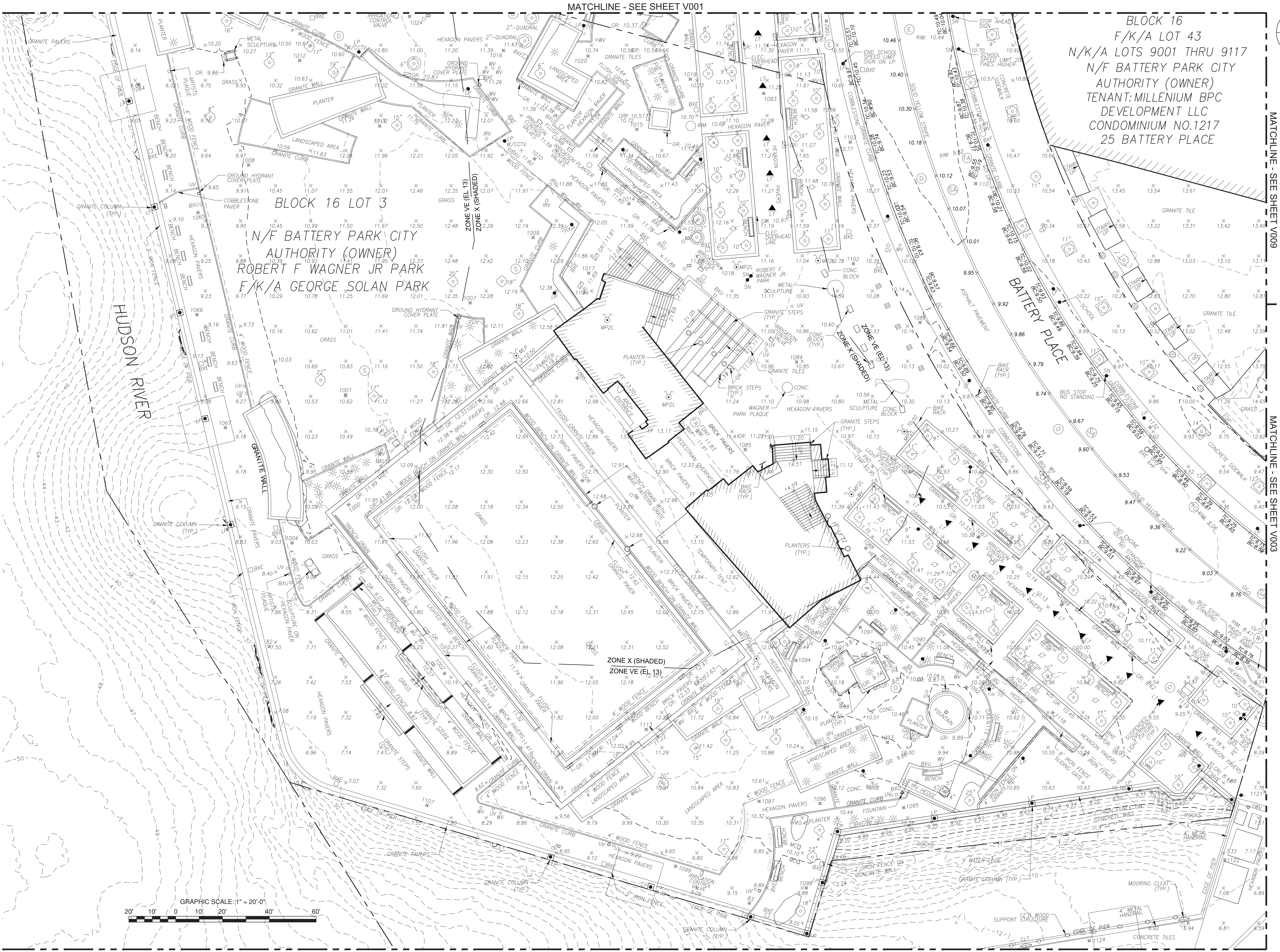
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TOPOGRAPHIC SURVEY - 1

SHEET NUMBER

V001

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MATCHLINE - SEE SHEET V009

MATCHLINE - SEE SHEET V003

AECOM

PROJECT

**SOUTH BATTERY PARK
CITY RESILIENCY**

CLIENT

**HUGH L. CAREY
BATTERY PARK CITY
AUTHORITY**

CONSULTANT

AECOM

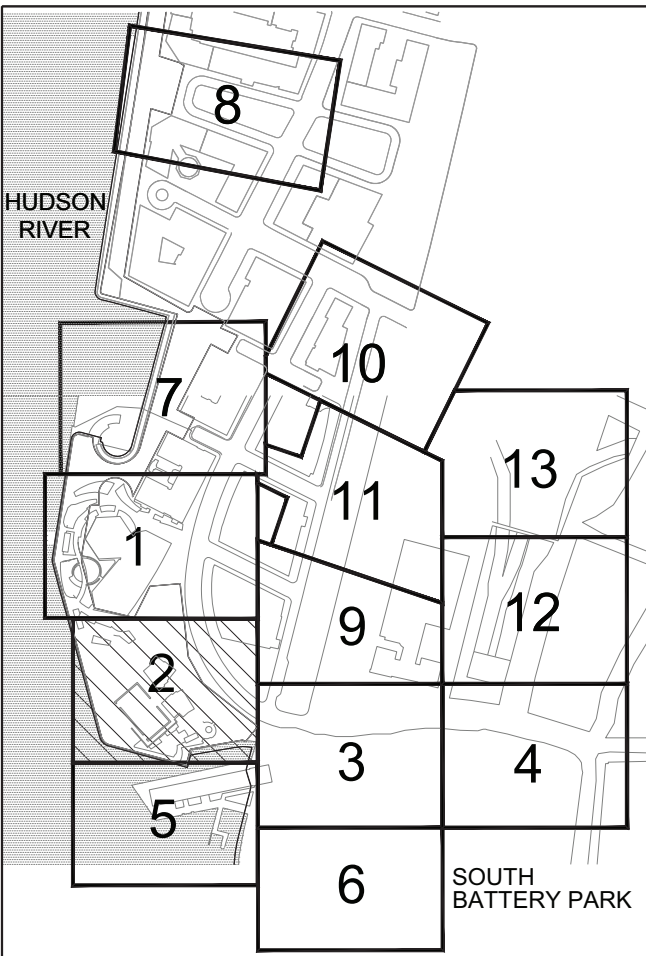
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KEY PLAN



REGISTRATION



ISSUE/REVISION

IR	DATE	DESCRIPTION
1	Jan - 2022	Bid Set
	2021-08-27	LOK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

**TOPOGRAPHIC
SURVEY - 2**

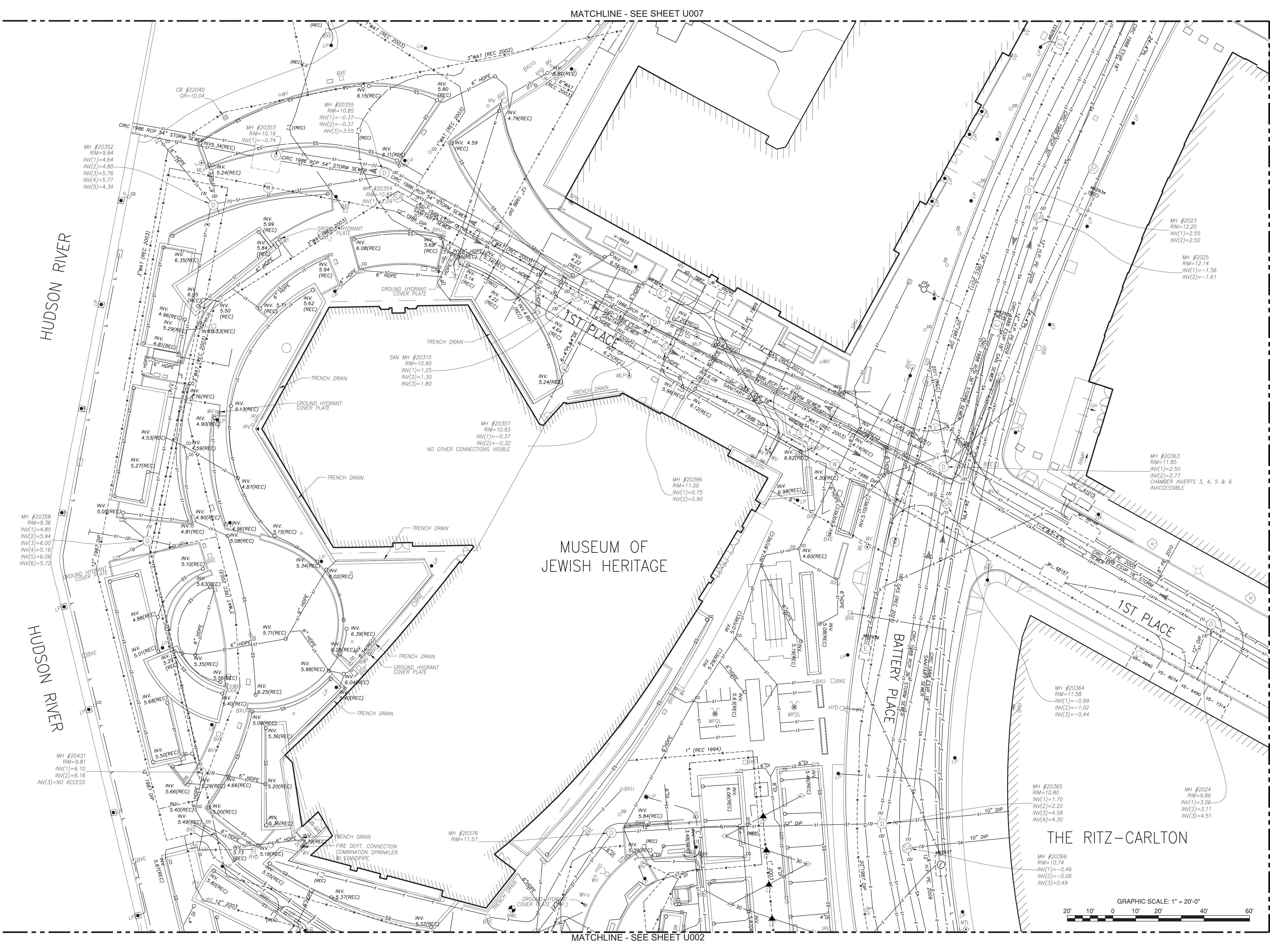
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MATCHLINE - SEE SHEET U001

MATCHLINE - SEE SHEET U009



PROJECT

SOUTH BATTERY PARK
CITY RESILIENCY

CLIENT

HUGH L. CAREY
BATTERY PARK CITY
AUTHORITY

CONSULTANT

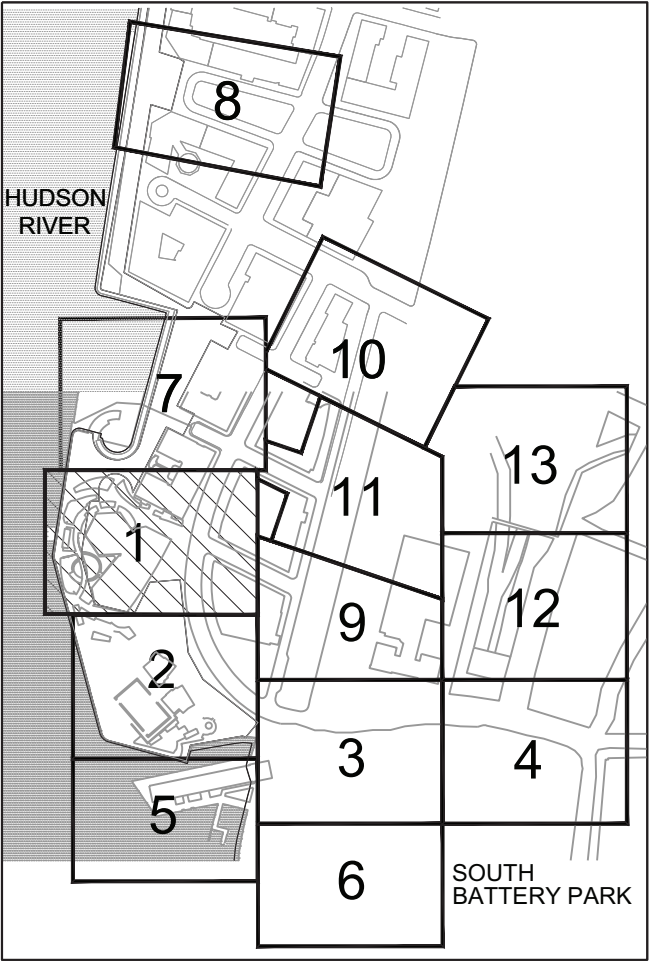
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KEY PLAN



REGISTRATION



ISSUE/REVISION

NO.	DATE	DESCRIPTION
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2	2021-08-27	

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

UTILITY SURVEY
PLAN - 1

SHEET NUMBER

U001

