



NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION
 Division of Infrastructure
 Bureau of Construction

STANDARD CONSTRUCTION OPERATING PROCEDURE

SUBJECT: CATCH BASIN AS-BUILT INVENTORY

SCOP..... : 07- 002G

CATEGORY..: RECORD KEEPING
Subcategory : AS-BUILT

Keywords : Catch Basins
 Storm Sewer

Supersedes..... : 00-006G
 Supplements..... : 00-010S
 Sheet..... : 1 of 8

Issue Date..... : March 30, 2007

APPROVED:

ORIGINAL SIGNED BY

Chief Construction Engineer - William Svilar, P.E.

Effective Immediately, every Catch Basin modified or installed on all capital construction contracts must be documented on the attached Catch Basin Inventory Record Form, along with the required sketches (sample attached). The sketch must show the Catch Basin Connection and the direction of flow to the outlet Manhole or Catch Basin. The attached form supersedes all earlier versions of the Catch Basin Inventory Form. Actual field measurements are required to complete the form and are to be obtained during installation.

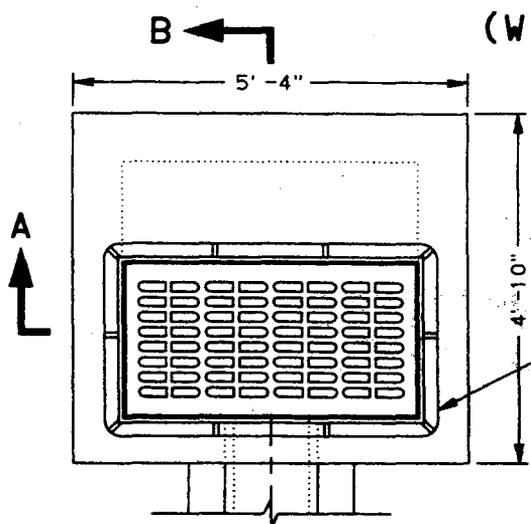
At the commencement of each project involving Catch Basin installation or modification, the Resident Engineer (RE) is to acquire copies of all Mapped/Predesigned Catch Basins in the immediate vicinity of the project site from the Program Administration's Technical Support Unit. These mapped Catch Basins will be printed individually on letter-sized sheets along with the assigned unique Tag Numbers. If additional Catch Basins are installed due to field conditions then the Tag Numbers are to be left blank.

The Resident Engineer must ensure that the location and dimensions of all Catch Basins are accurately recorded. The completed forms along with the sketches modifying the Mapped Catch Basins to AsBuilt conditions, are due one (1) month following the substantial completion date.

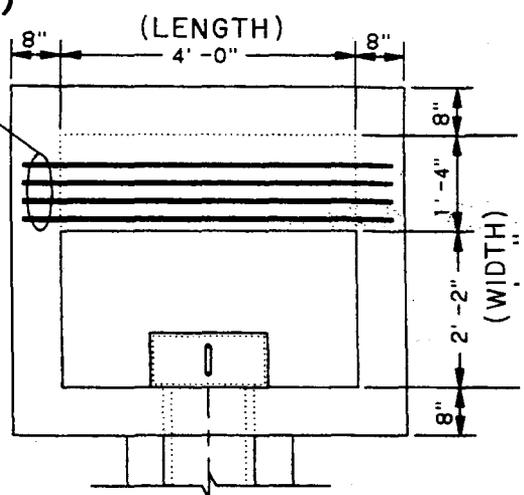
The completed forms should be submitted to the Construction Support Unit (CSU) for transmission to DEP and the Program Administration Mapping Unit which will input them into the DDC GIS system (sample attached).

Attachments: Catch Basin Record Form, Instructions & Sample; Standard CB Detailed Sketch; DDC GIS Catch Basin Mapping Sketches

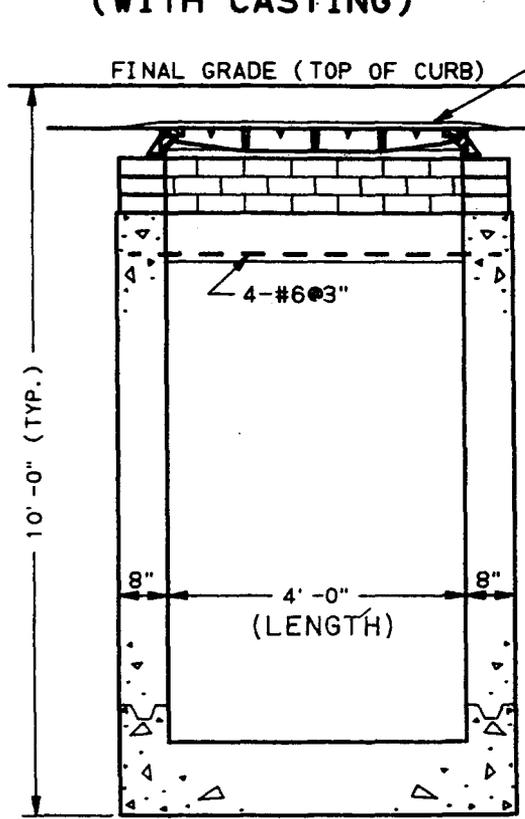
STANDARD FOR TYPE 2 CATCH BASIN (WITHOUT CURB PIECE)



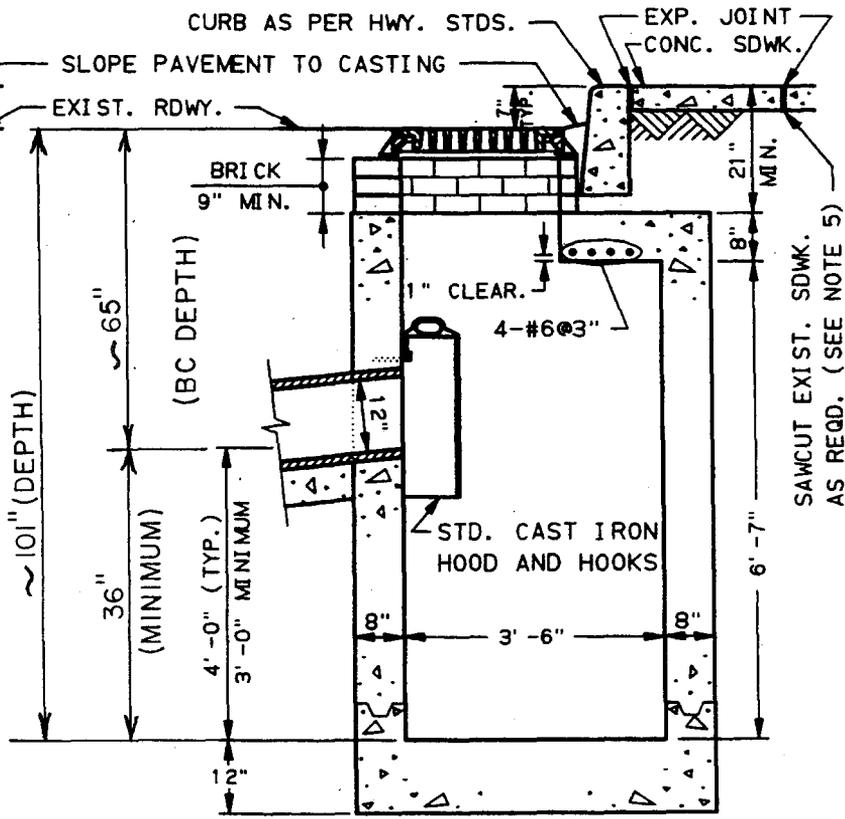
**PLAN
(WITH CASTING)**



**PLAN
(WITHOUT CASTING)**



SECTION A-A

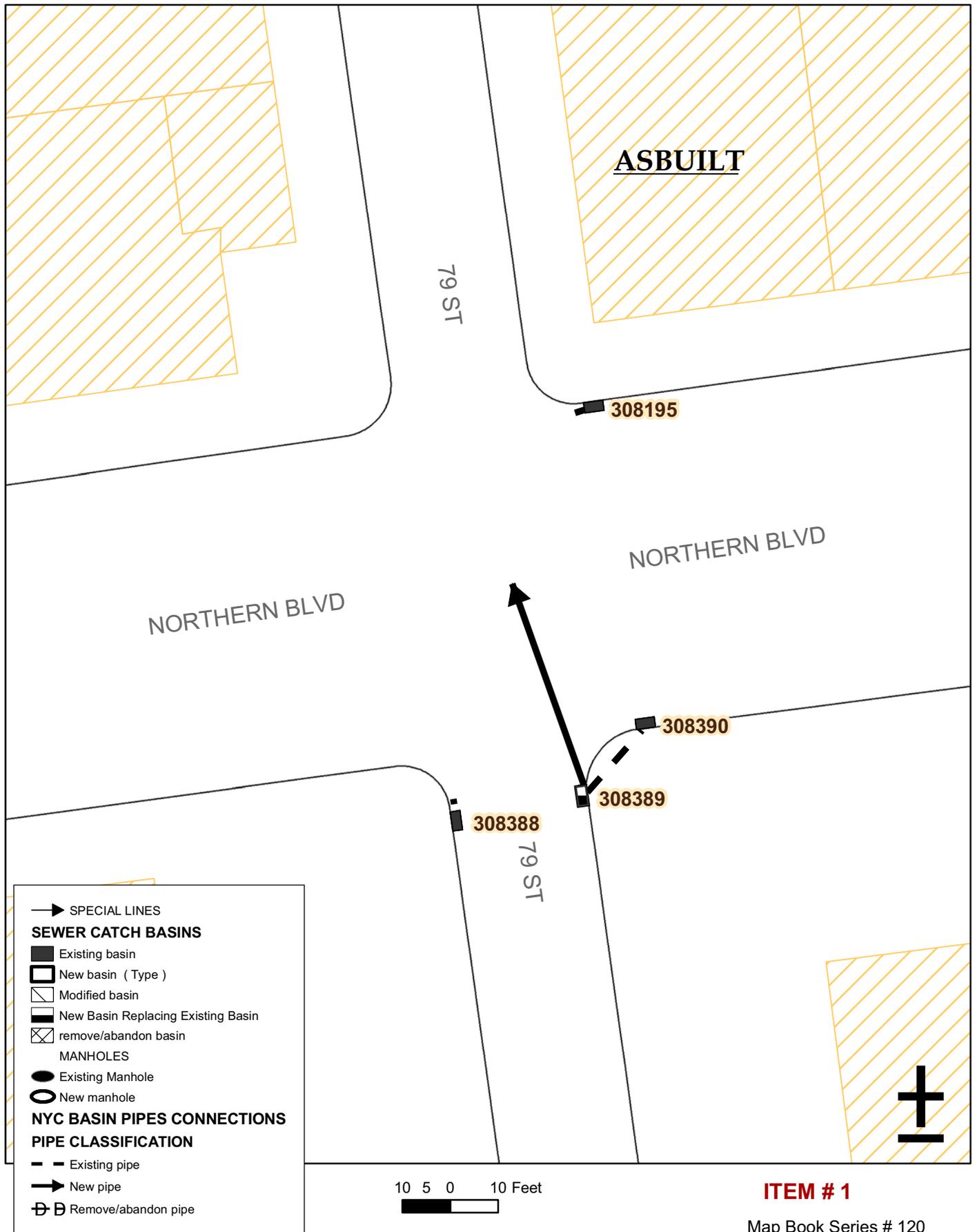


SECTION B-B

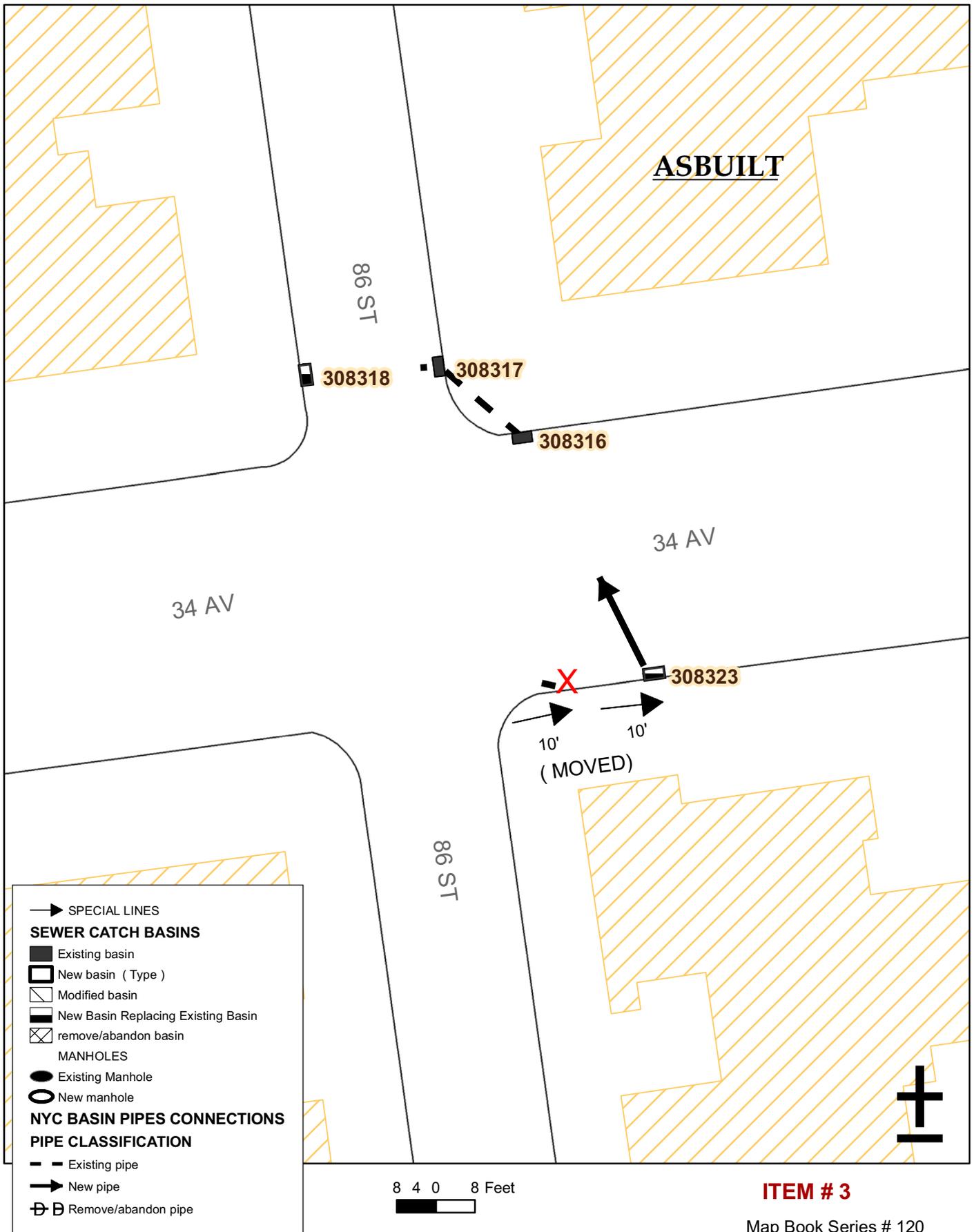
NOTES:

- (1) LOCATION OF CURB SHALL BE AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- (2) LOCATION AND ANGLE OF BASIN CONNECTION MAY BE VARIED TO SUIT FIELD CONDITIONS.
- (3) KEYED CONSTRUCTION JOINTS ARE REQUIRED BETWEEN ANY SUCCESSIVE POURS.
- (4) THE MINIMUM DROP FROM BASIN TO SEWER SHALL BE 6".
- (5) EXPANSION JOINTS ARE REQUIRED IN THE CONCRETE SIDEWALK AREA AT A DISTANCE OF 1'-0" AROUND THE PERIMETER OF THE BASIN.
- (6) CONCRETE IS TO BE CLASS 40. REBARS-GRADE 60.

Queens Catch Basin - SECB06Q1



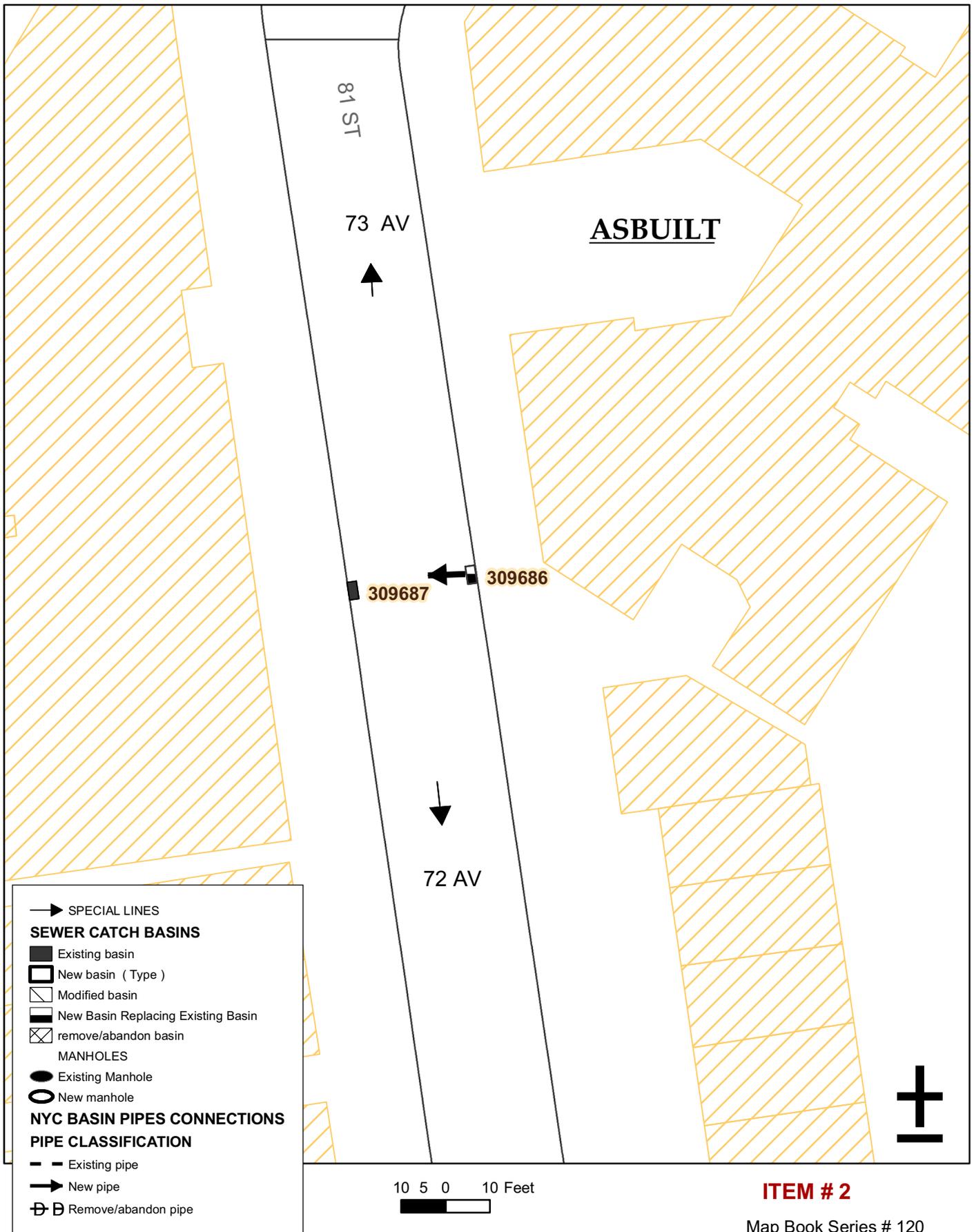
Queens Catch Basin - SECB06Q1



ITEM # 3

Map Book Series # 120

Queens Catch Basin - SECB06Q1



ITEM # 2

Map Book Series # 120



NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

INSTRUCTION FOR CATCH BASIN AS-BUILT INVENTORY RECORD FORM

NUMBER	FIELD NAME	DATA TYPE	DESCRIPTION
1	Project Information	Project Information Heading	Provide the requested Project Information. This information should be added to all sheets.
2	ID #	Sequential and unique ID Numbers per Basin	Each Catch Basin is to be sequential numbered
3	Tag #	Unique Six Digit Number	Unique six digit number assigned to each Catch Basin prior to the start of the Project, If additional CB are installed due to field conditions, leave Tag number blank.
4	Basin Location	Address of Nearest Property	Provide relative Street address for Catch Basin, In Front of (IFO), Opposite (OPP) address of building, etc.
5	Basin Location	Cross Street Boundaries	Provide Street Boundaries (to/from/at) as necessary
6	Community Board	Community District Board Number	Provide the Community Board number for the area where the Basin is installed.
7	Distance from Intersection	Dimension from nearest intersection	Distance from nearest intersection in feet (Perpendicular distance to the nearest curb line)
8	Basin Type	Type of Basin	Provide the type of Catch Basin installed: typical types 1, 2, 3 or Special Basins (i.e., Double Barrel CB, Seepage Basins, etc.)
9	Width of Basin	Width of Basin in inches	Provide Width of Catch Basin, dimension perpendicular to curb; typical dimension if standard Basin.
10	Length of Basin	Length of Basin in inches	Provide Length of Catch Basin, dimension parallel to curb; typical dimension if standard Basin.
11	Depth of Basin	Depth of Basin in inches	Provide Depth of Catch Basin, dimension from top of frame to floor of Basin; typical dimension if standard Basin.
12	Sump of Basin	Sump Depth of Basin in inches	Provide Sump Depth of Catch Basin, dimension from outlet to floor; Varies (3 feet minimum required).
13	Depth of Basin Connection	Depth of Basin Connection in inches	Provide depth of connection from top of frame to inverts of outlet pipe.
14	# Inlets to Basin	Number of inlets to Basin	Provide number of inlets to Catch Basin, (usually 0, but sometimes 1 on a back to back setup)
15	Outlet to Sewer; Well; CB	Outlet of Catch Basin Discharge	Provide where the Catch Basin discharges into like Sewer, Well (Seepage Basin) or another Catch Basin.
16	Date Installed	Date of Catch Basin installation	Provide actual Catch Basin installation date
17	Remark	Relevant comment	Provide any relevant comment (i.e., relocated Catch Basin, Mid Block Basin, etc.)

Note: Depth of Basin (item 11) = Sump of Basin (item 12) + Depth of Basin Conn (item 13)

DDC99-1-339

