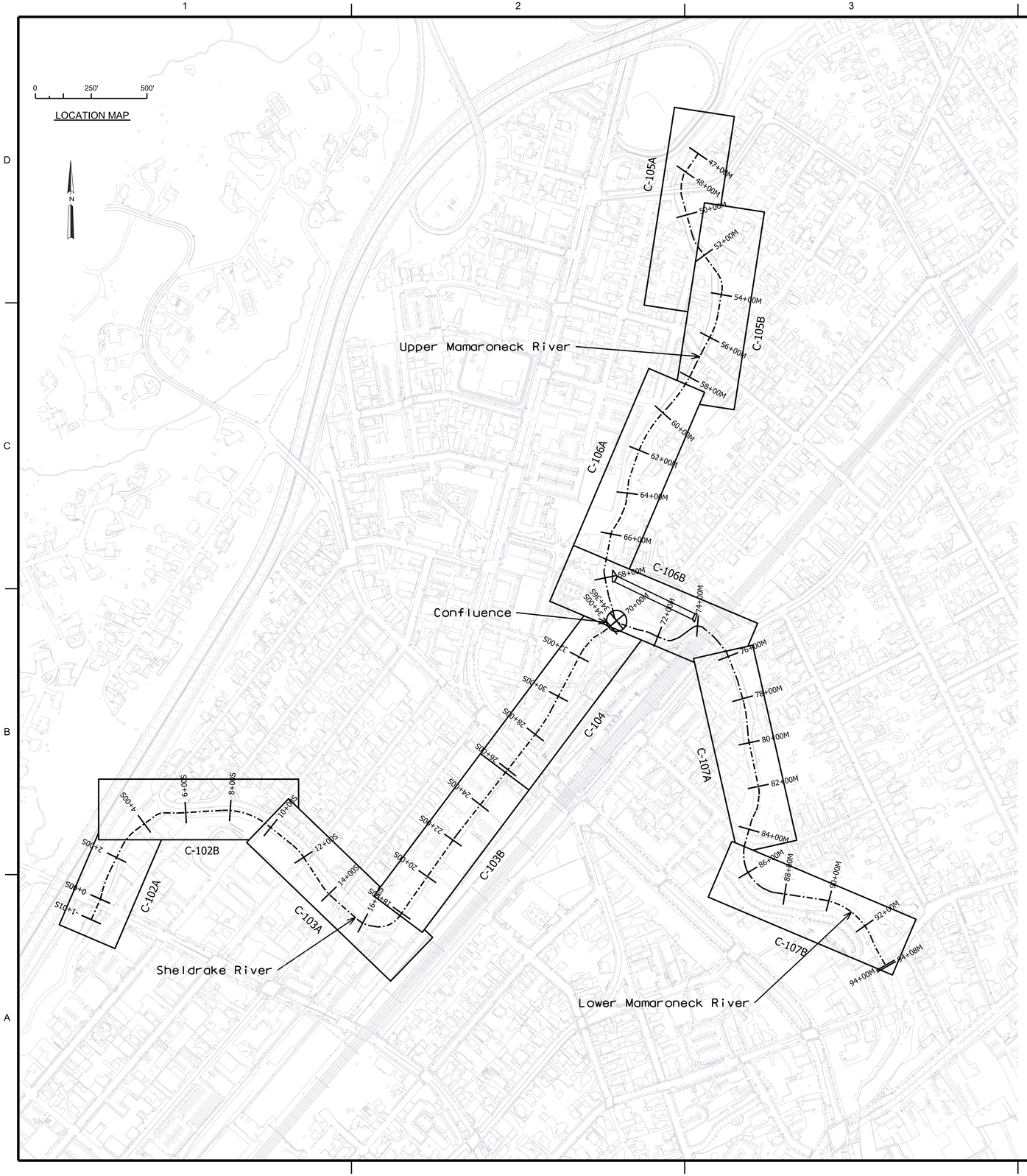

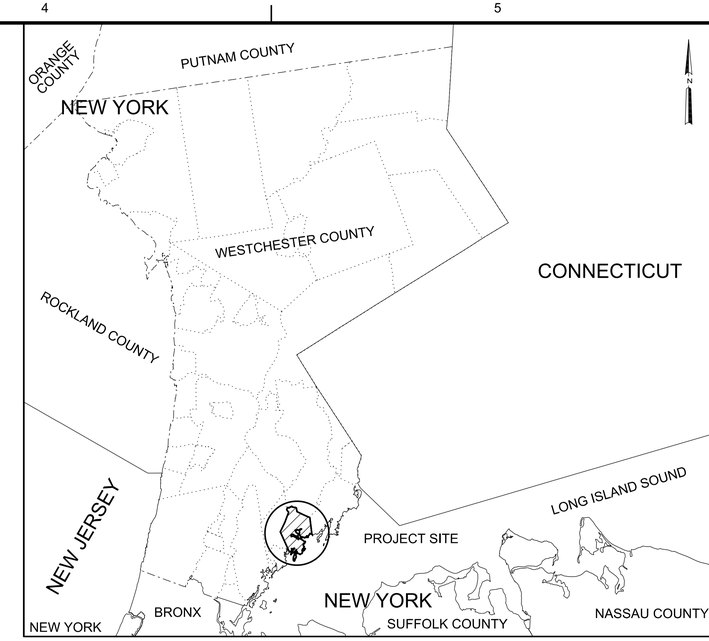

VICINITY MAP
NTS

ALTERNATIVE #1Z

CHANNEL	AREA	WIDTH	STA. BEGIN	STA. END
Mamaroneck	Upper/Lower	45'	47+00M	94+07.86M
Sheldrake	n/a	30'	0+00S	14+10S
Sheldrake	n/a	transition 30' - 33'	14+10S	14+30S
Sheldrake	n/a	33'	14+30S	28+00S
Sheldrake	n/a	transition 33' - 25'	28+00S	28+20S
Sheldrake	n/a	25'	28+20S	34+36.44S

GENERAL NOTES

1. EXISTING SURVEY DATA AS SHOWN ON THESE DRAWINGS WAS PREPARED BY ROGERS SURVEYING, PLLC (STATEN ISLAND, NY) IN 2013.
2. THE HORIZONTAL CONTROL IS BASED ON SURFACE COORDINATES APPLIED TO THE NEW YORK STATE EAST STATE PLANE COORDINATE SYSTEM (NAD83).
3. THE VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. THE BORING LOCATIONS AND ELEVATIONS WERE COLLECTED FROM THE GENERAL DESIGN MEMORANDUM, FLOOD CONTROL PROJECT FOR THE MAMARONECK AND SHELDRAKE RIVERS BASIN IN THE VILLAGE OF MAMARONECK, NY, VOLUME 3 OF 6, APPENDIX C, GEOLOGICAL AND SOILS INVESTIGATIONS, JANUARY 1989. THE BORING LOCATIONS WERE REPROJECTED TO THE 2013 SURVEY HORIZONTAL CONTROL DATA. HOWEVER, THE ELEVATION ERRORS ARE UNDEFINED AND CANNOT BE FULLY QUANTIFIED.

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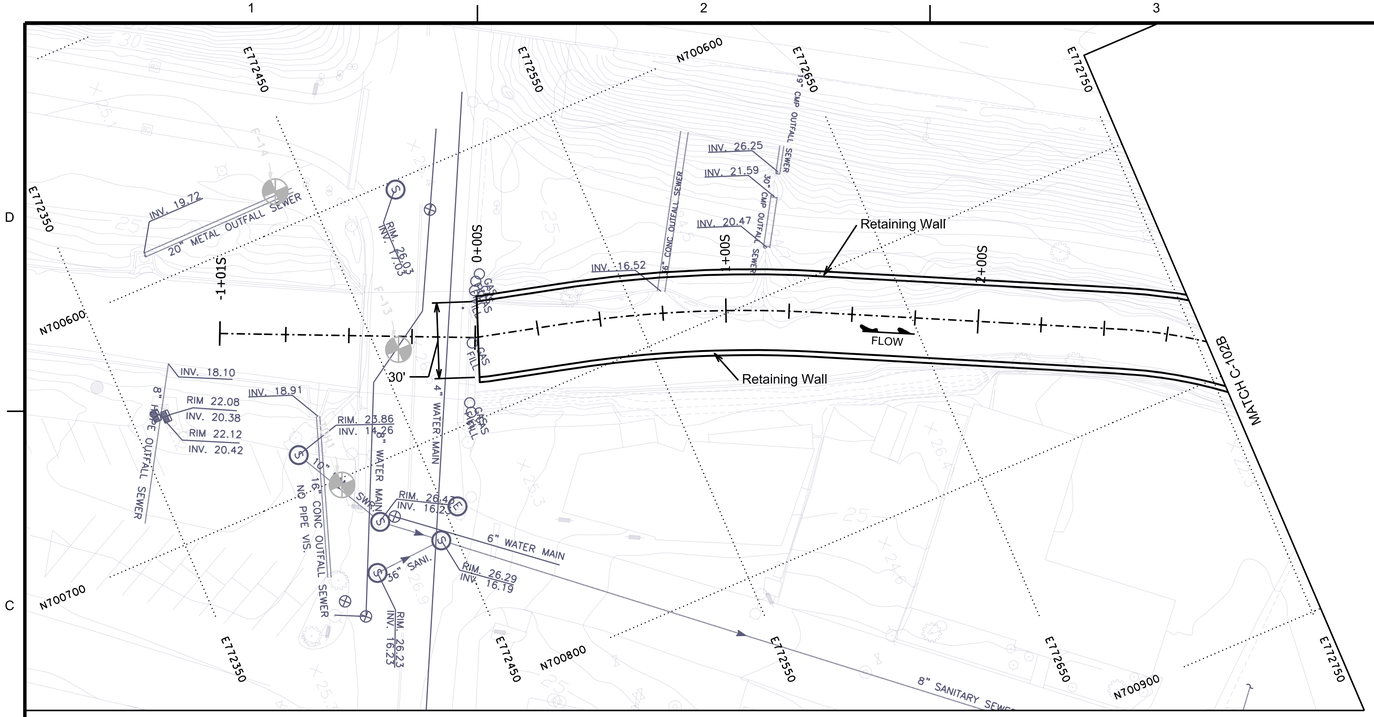
NEW YORK DISTRICT
NEW YORK, NEW YORK

DESIGNED BY:
DWN BY: NAS
CKD BY:
SUBMITTED BY: NAS
PLOT SCALE: 1=250'
PLOT SIZE: ANSI D
DATE: 23 SEP 2015
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
ISSUE DATE: 23 SEP 2015
FILE NAME: MAMSHELESC-CF101XXX.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

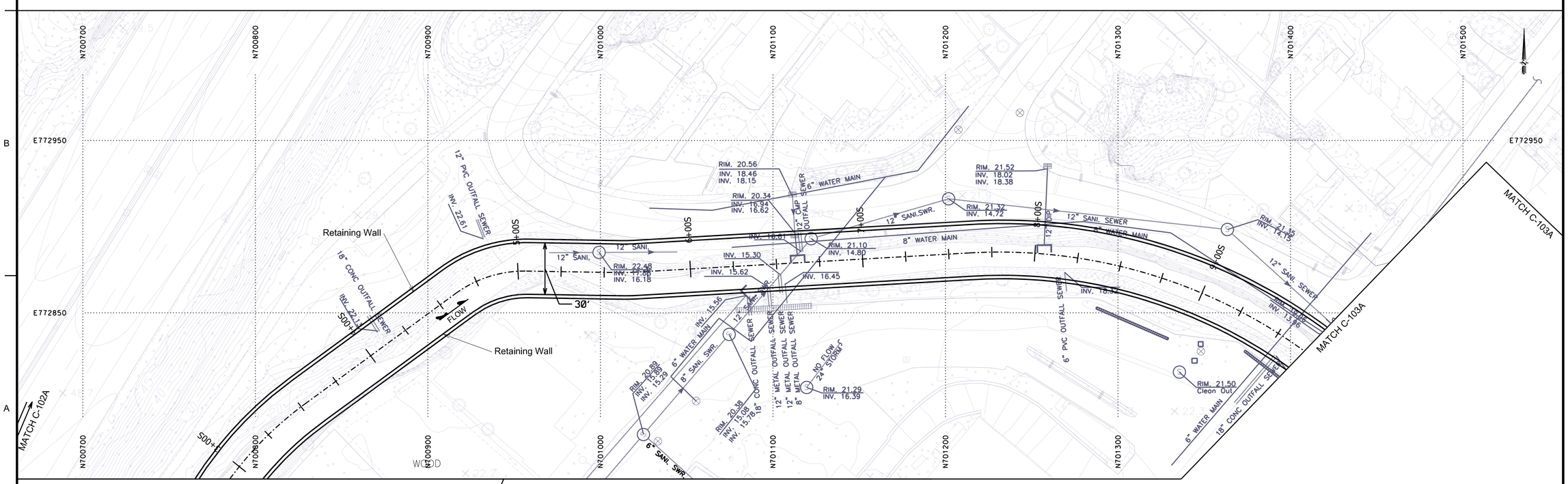
GENERAL SITE PLAN

SHEET IDENTIFICATION
C-101



PLAN VIEW C-102A

0 30' 60'



PLAN VIEW C-102B

0 30' 60'

Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

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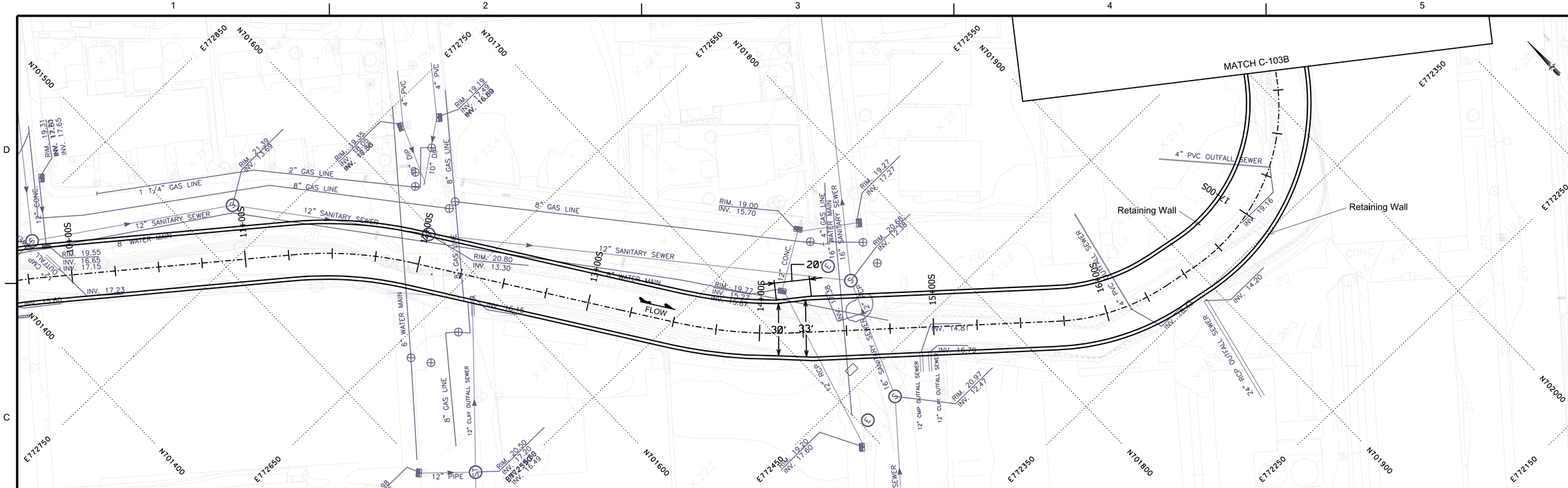
SOLICITATION NO.:	
SUBMITTED BY: NAS	CONTRACT NO.:
PLOT SCALE: 1=50'	ISSUE DATE: 23 SEP 2015
FILE NUMBER:	
SIZE: ANSI D	FILE NAME: MAMSHELF-C-102XXX.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

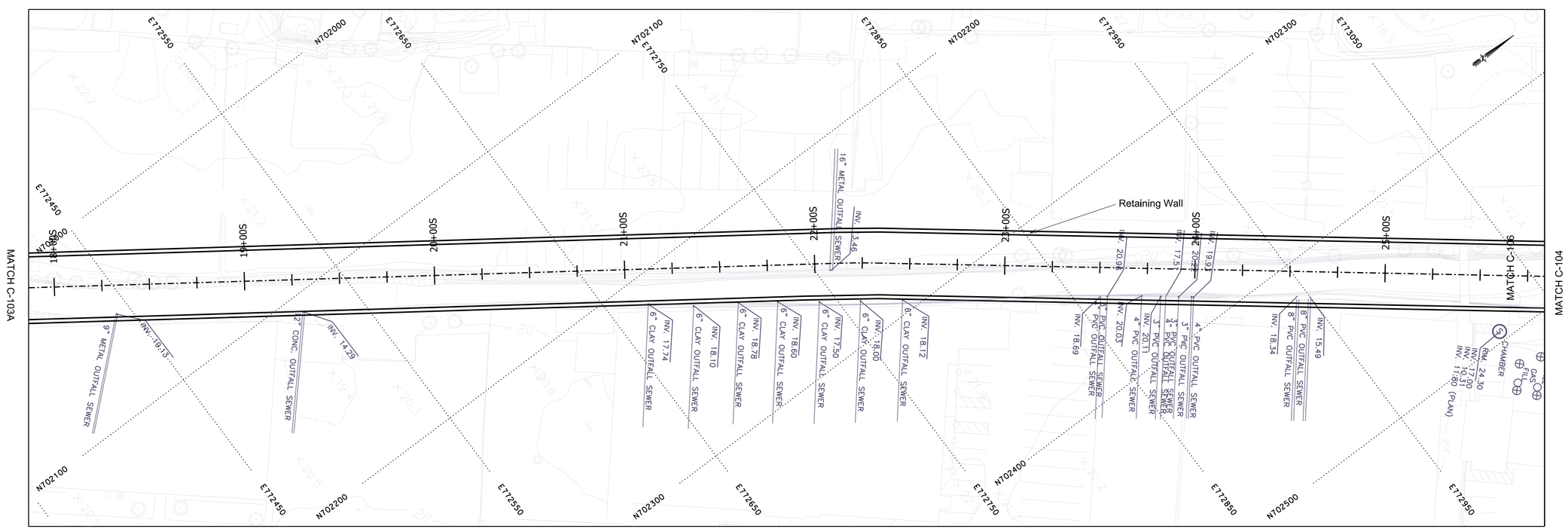
SITE PLAN - SHELDRAKE
0+00S to 9+50S

SHEET IDENTIFICATION
C-102



PLAN VIEW C-103A

0 30' 60'



PLAN VIEW C-103B

0 30' 60'

Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

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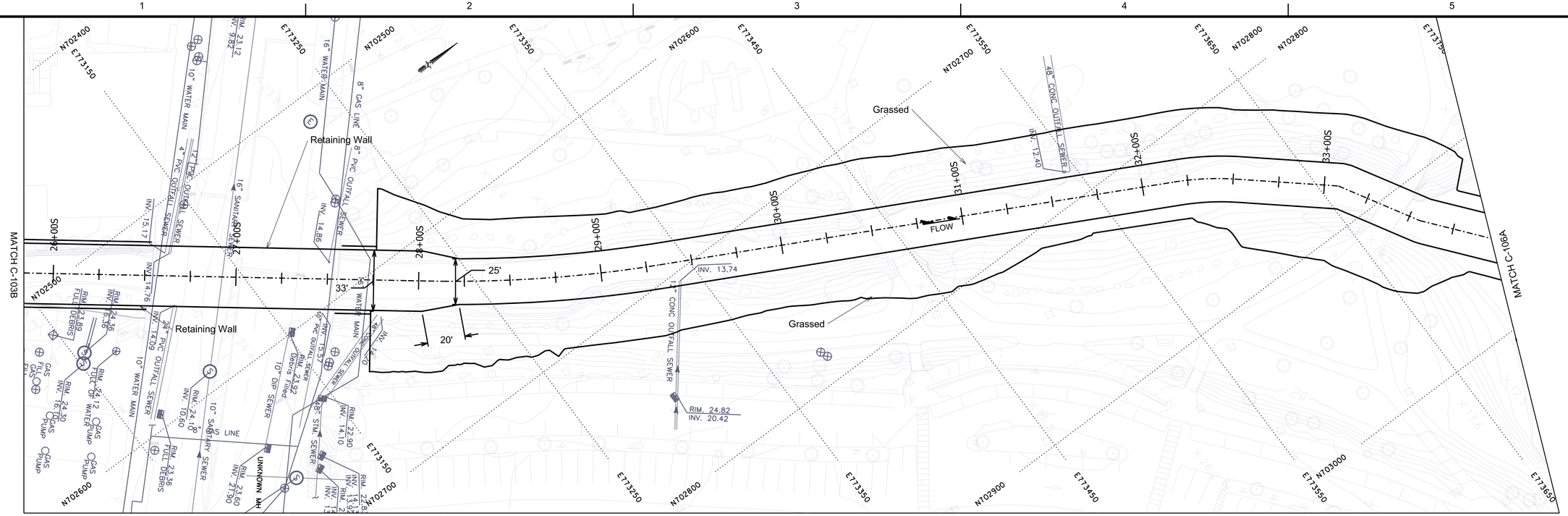
DWN BY: NAS	CKD BY:	SOLICITATION NO.:
SUBMITTED BY: NAS		CONTRACT NO.:
PLOT SCALE: 1=50'	ISSUE DATE: 18 SEP 2015	FILE NUMBER:
SIZE: ANSI D	FILE NAME: MAMSHELFC-C104.dgn	

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

SITE PLAN - SHELDRAKE
9+75S to 25+75S

SHEET IDENTIFICATION
C-103



Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

PLAN VIEW C-104

0 30' 60'

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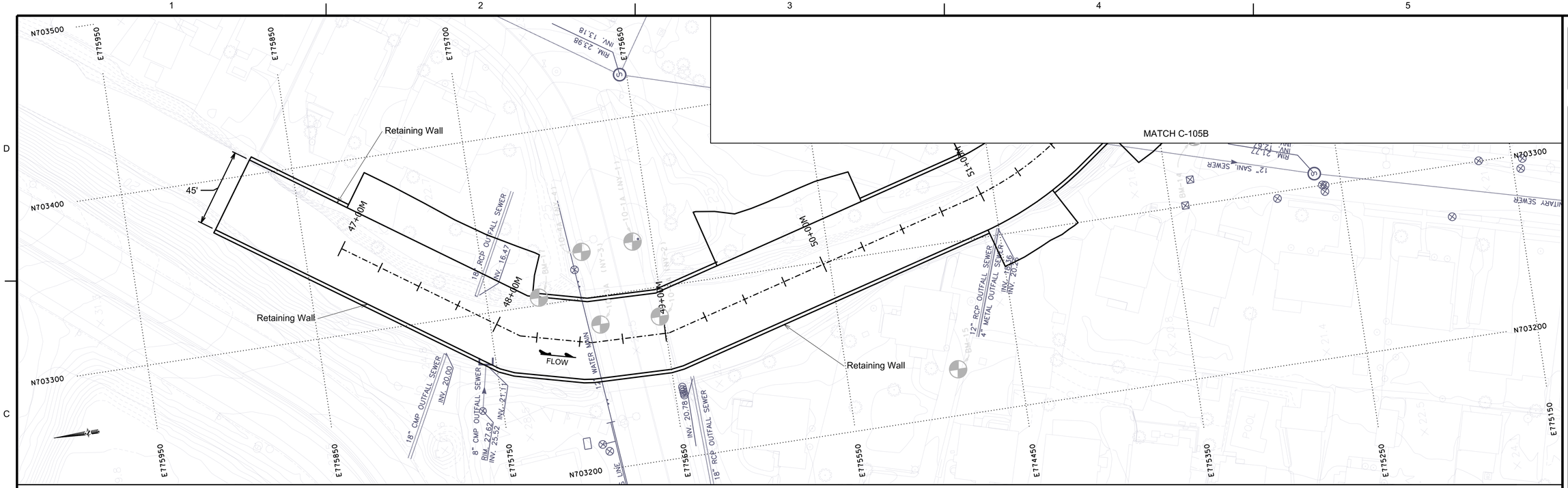
SOLICITATION NO.:
SUBMITTED BY: NAS
CONTRACT NO.:
PLOT SCALE: 1" = 30'
ISSUE DATE: 23 SEP 2015
FILE NUMBER:
SIZE: ANSI D
FILE NAME: MAMSHELFC-C106.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

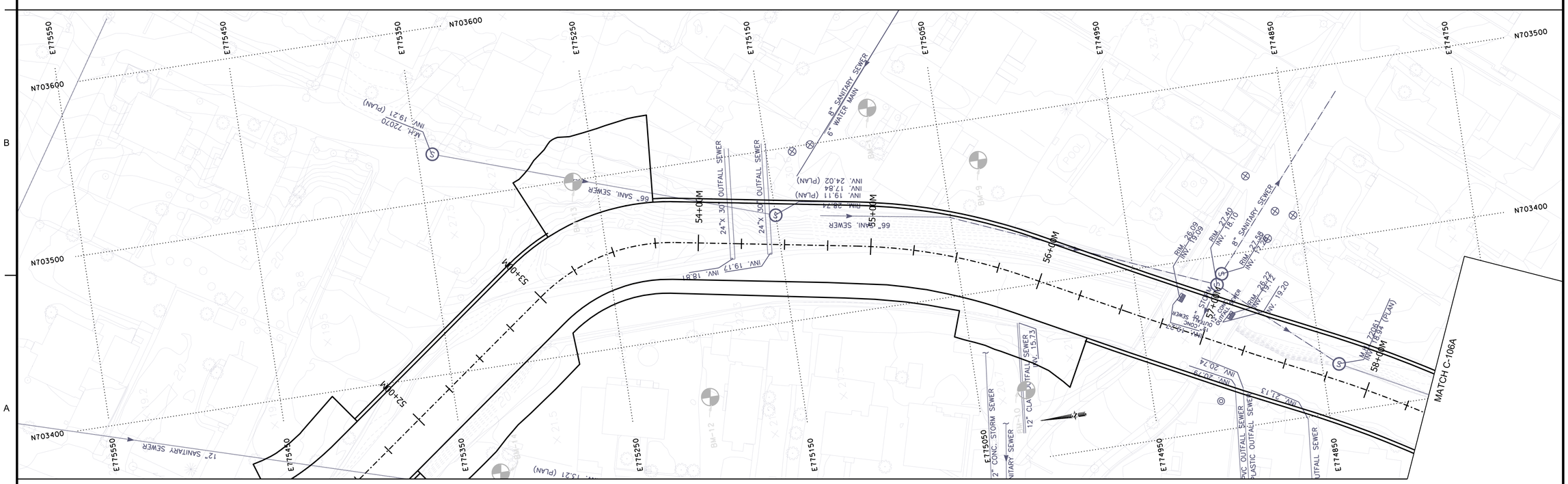
SITE PLAN - SHELDRAKE
26+00S to 33+75S

SHEET IDENTIFICATION
C-104



PLAN VIEW C-105A

0 30' 60'



PLAN VIEW C-105B

0 30' 60'

Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

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SUBMITTED BY: NAS		CONTRACT NO.:	
PLOT SCALE: 1:50	ISSUE DATE: 23 SEP 2015	FILE NUMBER:	
SIZE: ANSI D	FILE NAME:		

U.S. ARMY CORPS OF ENGINEERS
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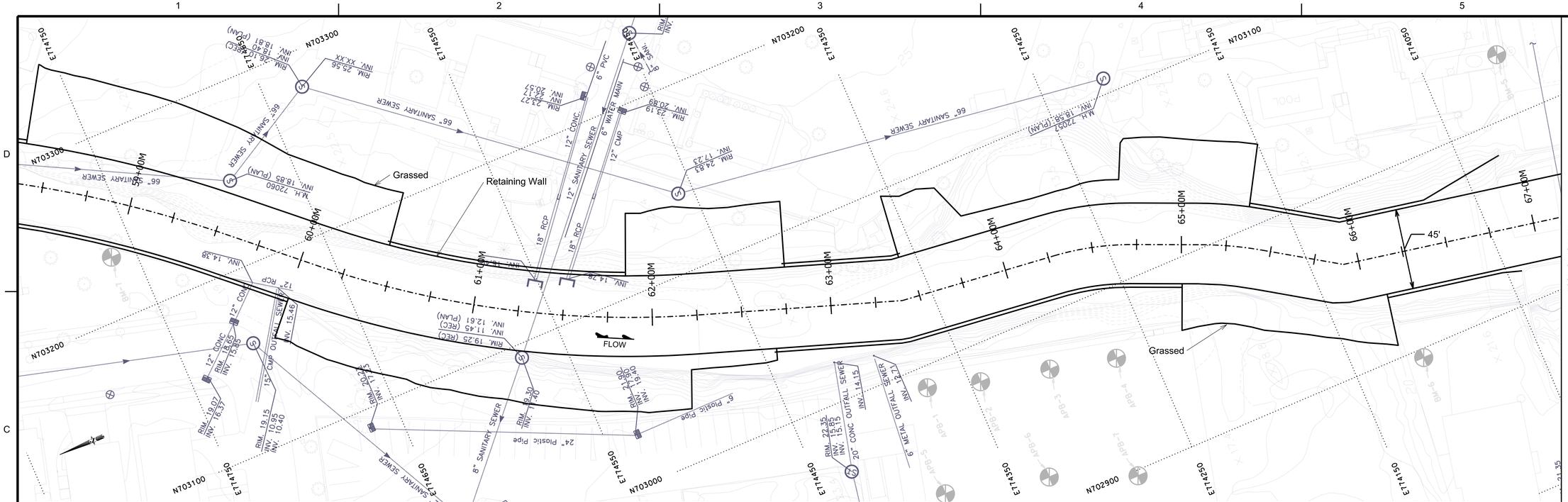
MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

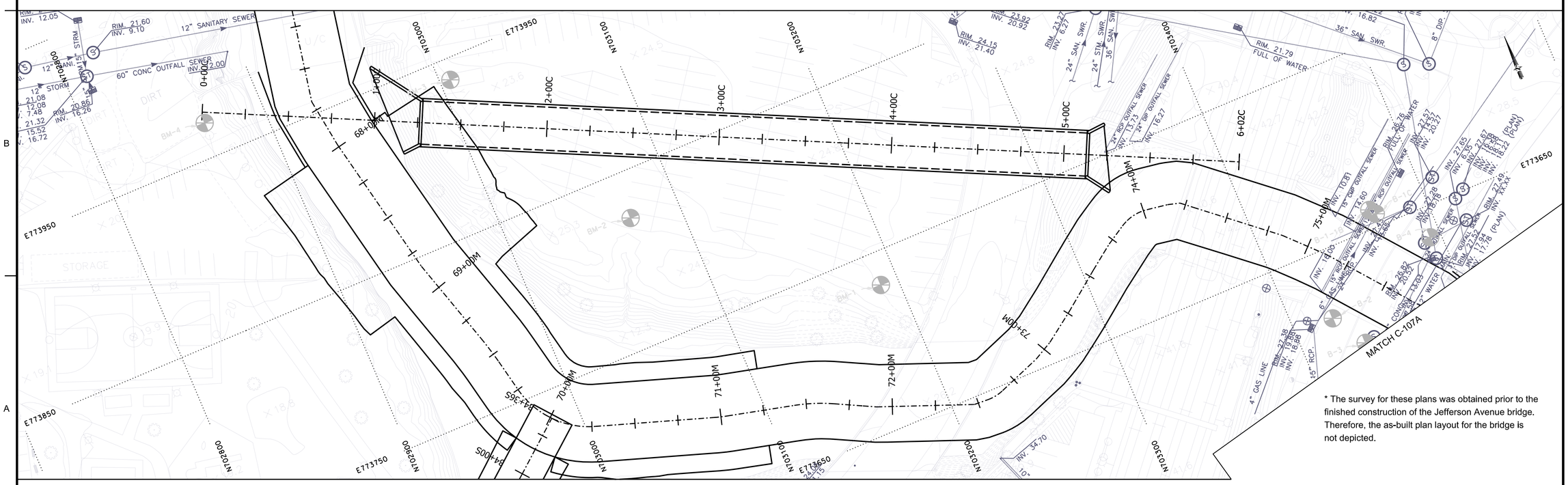
SITE PLAN - MAMARONECK
47+00M to 58+50M

SHEET IDENTIFICATION
C-105



PLAN VIEW C-106A

0 30' 60'



PLAN VIEW C-106B

0 30' 60'

* The survey for these plans was obtained prior to the finished construction of the Jefferson Avenue bridge. Therefore, the as-built plan layout for the bridge is not depicted.

Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

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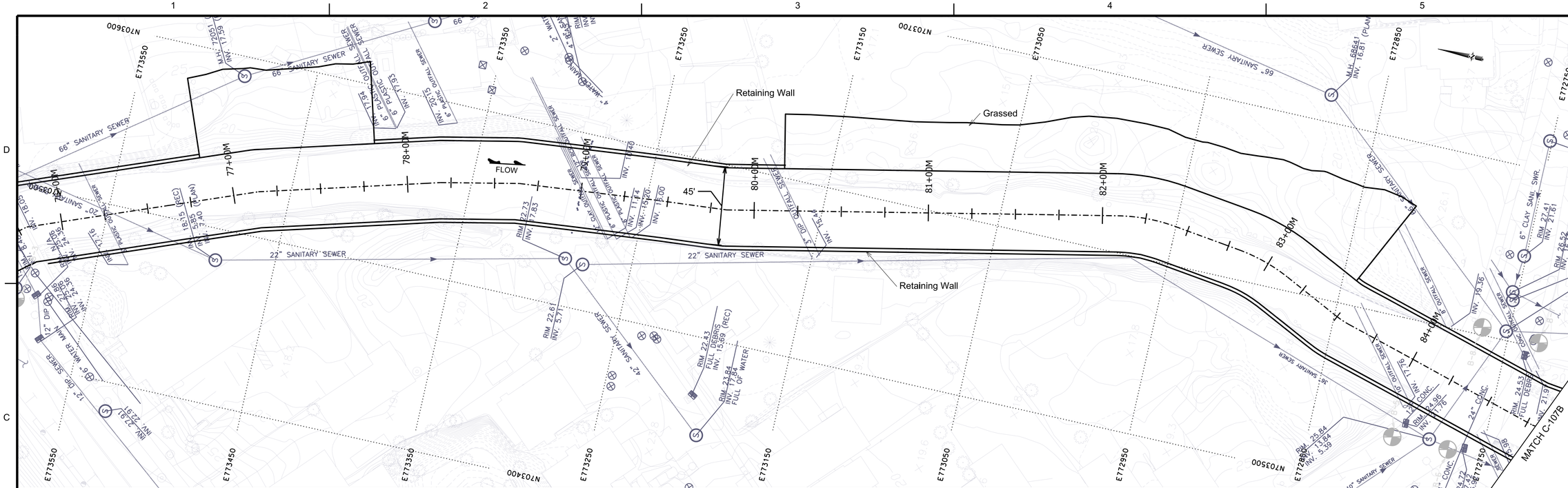
SUBMITTED BY: NAS	CONTRACT NO.:
PLOT SCALE: 1:50	ISSUE DATE: 23 SEP 2015
FILE NUMBER:	
SIZE: ANSI D	FILE NAME: MAMSHELFSC-C111XXX.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

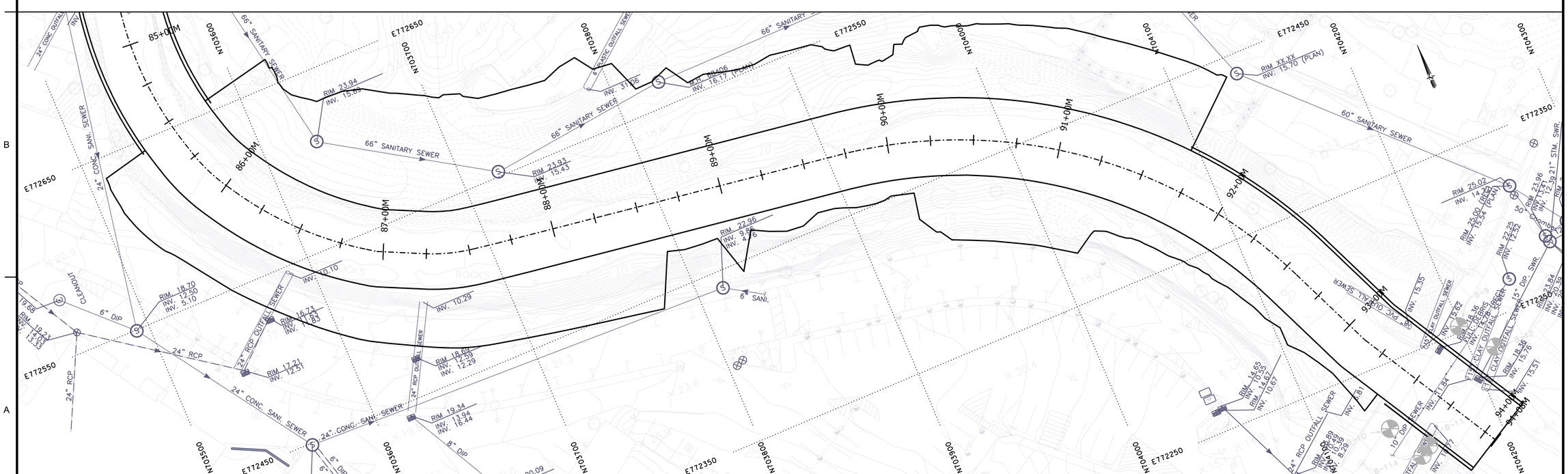
SITE PLAN - MAMARONECK
58+50M to 75+50M

SHEET IDENTIFICATION
C-106



PLAN VIEW C-107A

0 30' 60'



PLAN VIEW C-107B

0 30' 60'

Note: All utilities impacted by the project must be thoroughly accounted for to either Quality Level A or Quality Level B as defined per ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. Coordination must be effected with all utility owners involved as to the relocation and/or replacement of the particular utility.

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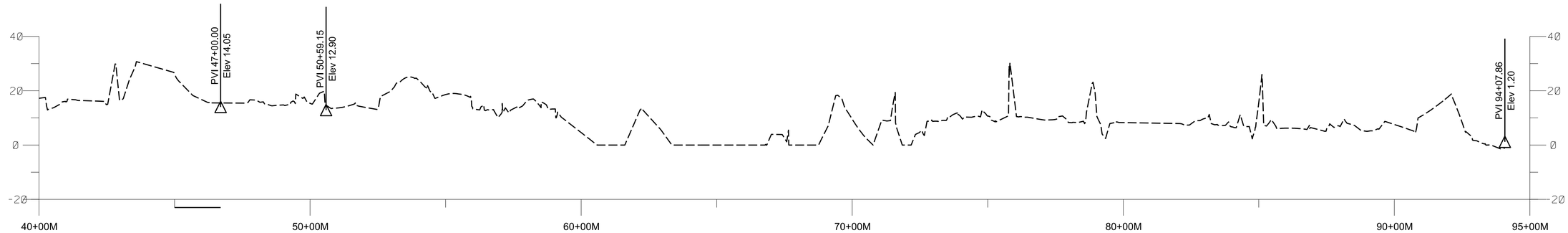
CKD BY:
SUBMITTED BY: NAS
PLOT SCALE: 1=40'
PLOT DATE: 23 SEP 2015
SIZE: ANSI D
DATE: 23 SEP 2015
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
ISSUE DATE: 23 SEP 2015
FILE NAME: MAMSHELFSC-C113XXX.dgn

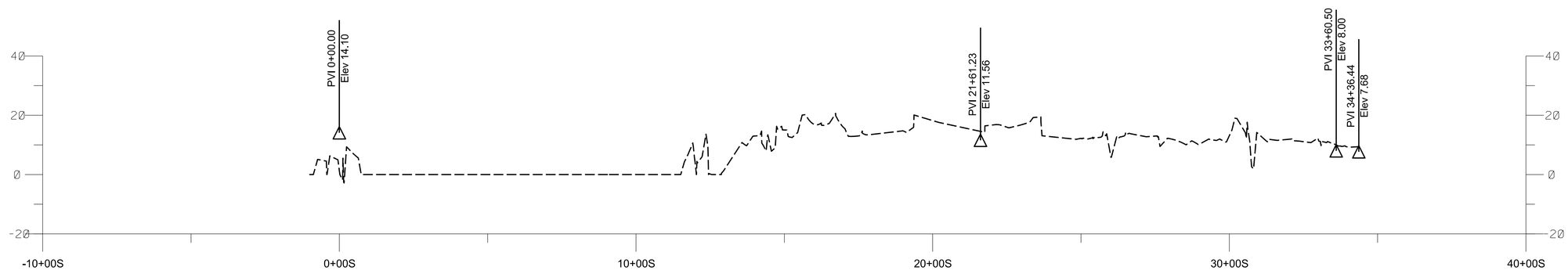
MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

SITE PLAN - MAMARONECK
75+75M to 94+08M

SHEET IDENTIFICATION
C-107



MAMARONECK RIVER



SHELDRAKE RIVER

20 10 0 20 40FT
SCALE: 1"= 20'

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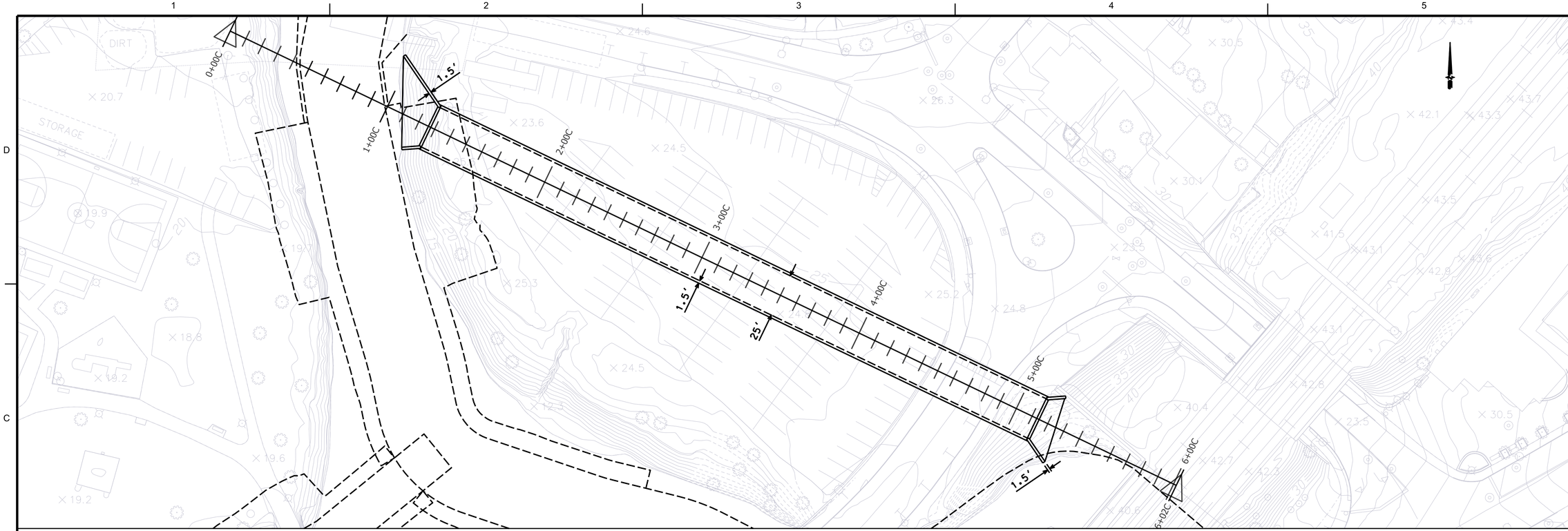
SUBMITTED BY: NAS | CONTRACT NO.:
PLOT SCALE: 1" = 20' | ISSUE DATE: 23 SEPT 2015 | FILE NUMBER:
SIZE: ANSI D | FILE NAME: MAMISHELFSC-C201XXX.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

MAMARONECK ALT#1Z
CHANNEL BOTTOM PROFILE

SHEET IDENTIFICATION
C-201

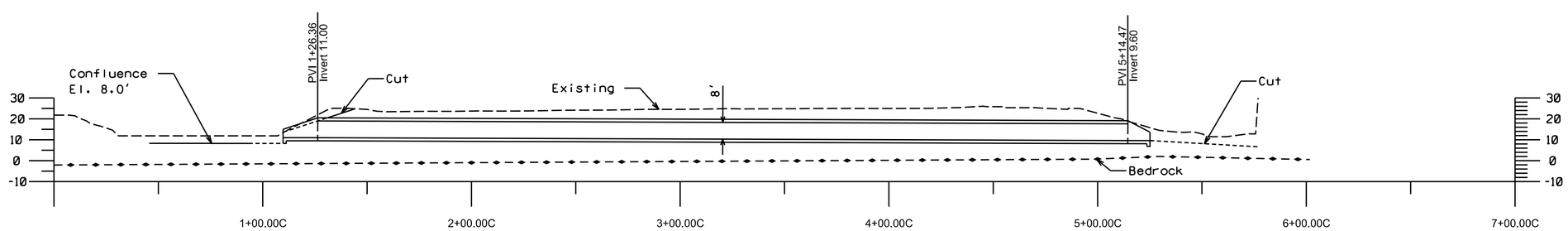


BOX CULVERT PLAN VIEW

30 15 0 30 60FT
SCALE: 1"= 30'

Notes:

1. Current as-built conditions for the Jefferson Ave bridge were non-existent at the time survey was performed.



BOX CULVERT PROFILE

30 15 0 30 60FT
SCALE: 1"= 30'

Notes:

1. Bedrock profile is derived from geotechnical information in Appendix C of the General Design Memorandum dated January 1989. Elevation errors in the bedrock profile are undefined and cannot be fully quantified.

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SUBMITTED BY: NAS
DATE: 23 SEP 2015
SOLICITATION NO.:
CONTRACT NO.:
PLOT SCALE: 1" = 30'
PLOT DATE: 23 SEP 2015
ISSUE DATE: 23 SEP 2015
FILE NUMBER:
SIZE: ANSI D
FILE NAME: MAMSHELFSC-C201XXX.dgn

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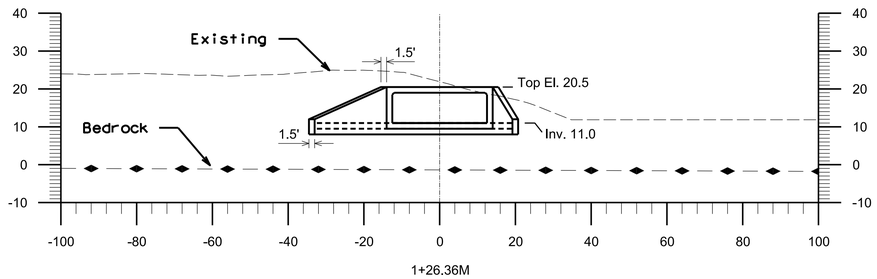
NEW YORK, NEW YORK

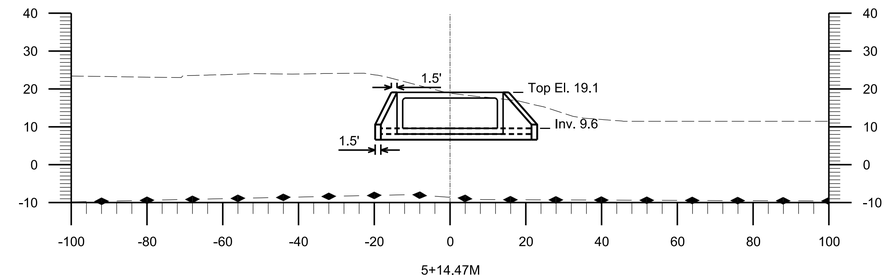
MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

CULVERT PLAN AND PROFILE

SHEET IDENTIFICATION
CU201



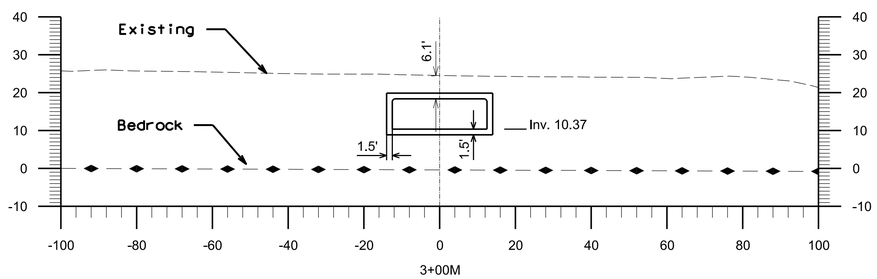
INLET

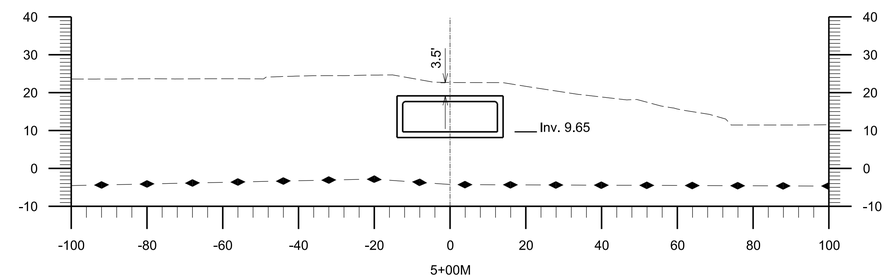


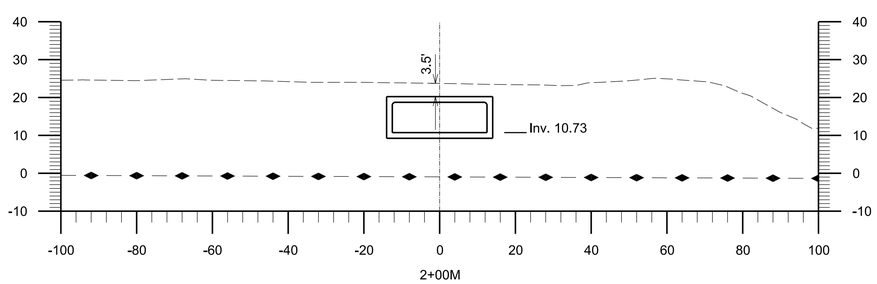
OUTLET

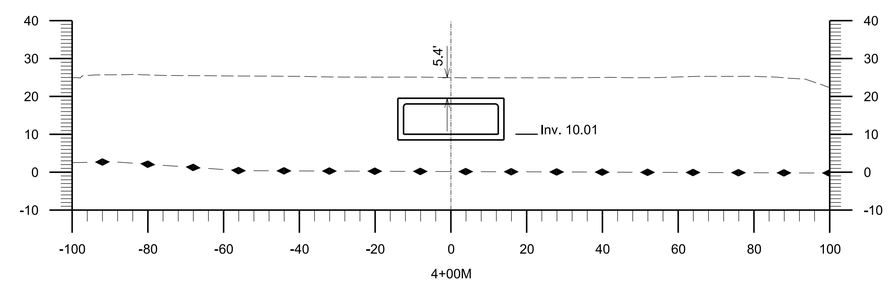
ELEVATION VIEW

20 10 0 20 40FT
SCALE: 1"= 20'









CROSS-SECTIONS

20 10 0 20 40FT
SCALE: 1"= 20'

Notes:

1. Bedrock profile is derived from geotechnical information in Appendix C of the General Design Memorandum dated January 1989. Elevation errors in the bedrock profile are undefined and cannot be fully quantified.

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PLOT SCALE: 1"=20' | ISSUE DATE: 23 SEP 2015 | FILE NUMBER:
SIZE: ANSI D | FILE NAME: MAMSHELFSC-C301XXX.dgn

MAMARONECK AND SHELDRAKE RIVER BASIN
FLOOD RISK MANAGEMENT
GENERAL RE-EVALUATION STUDY
VIL. OF MAMARONECK, WESTCHESTER COUNTY, NY

CULVERT SECTIONS

SHEET IDENTIFICATION
CU301