

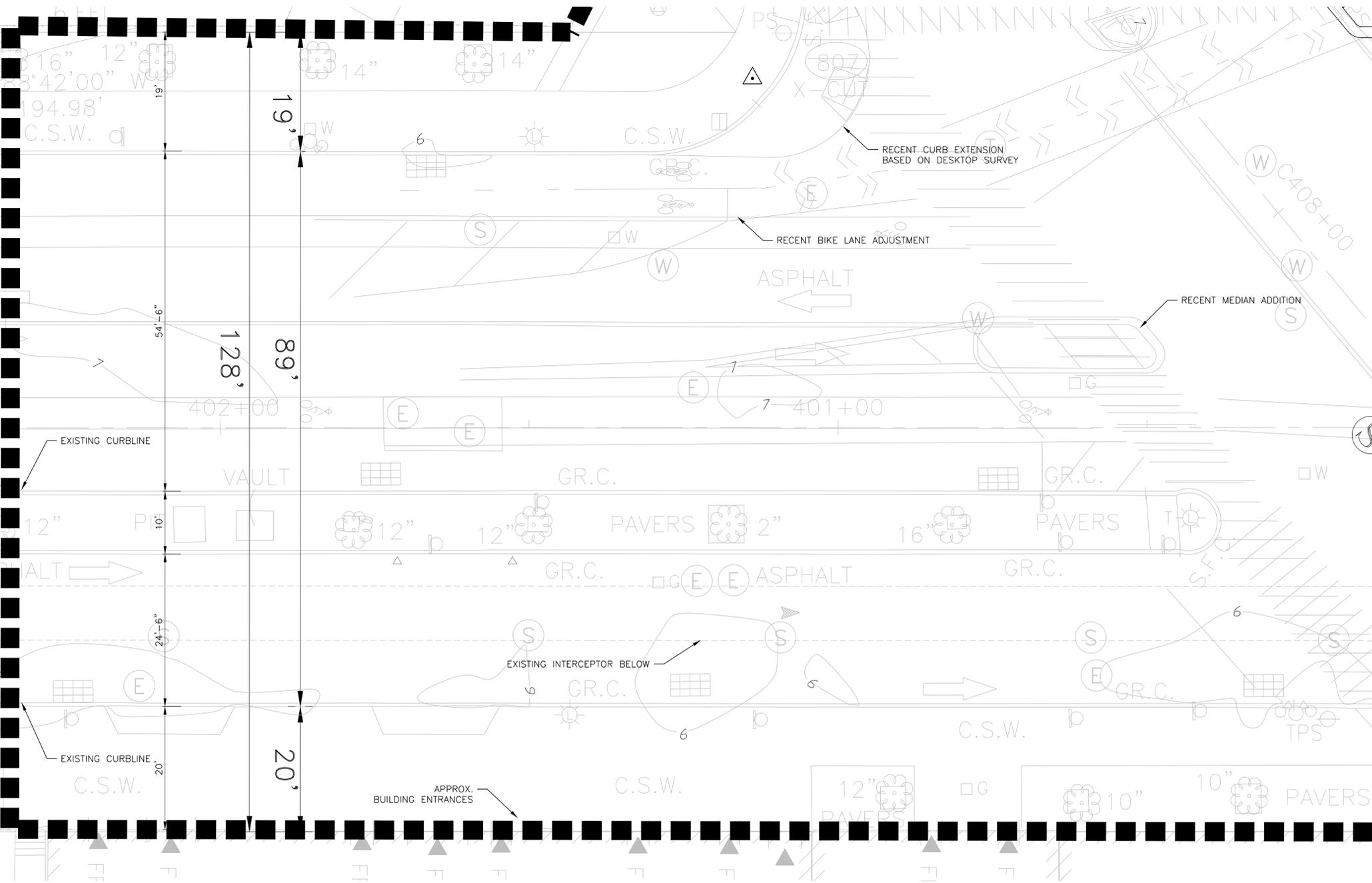
**Appendix C1k**  
**Preferred Alternative - Interceptor Gate Plans**

**Appendix C1k**  
**Interceptor Gate Plans**

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CONCEPTUAL REDESIGN SUBMISSION 1/31/2019



**NOTES:**

1. CURRENT SURVEY PREDATES RECENT BIKEWAY REALIGNMENT ON EAST 20TH STREET AND CURB EXTENSION AT THE NW CORNER OF AVENUE C AND EAST 20TH STREET. MODIFICATIONS HAVE BEEN MADE BASED ON FIELD OBSERVATIONS.

0 4 8 16  
SCALE: 1/8" = 1'

**CONCEPTUAL**  
SUBMITTED DATE: 1/31/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:



ONE ARCHITECTURE & URBANISM  
NAME OF CONSULTANT

SIGNATURE \_\_\_\_\_  
DATE \_\_\_\_\_

CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

NORTHERN INTERCEPTOR GATE BUILDING  
EXISTING SITE PLAN

ONE  
DRAWN BY \_\_\_\_\_

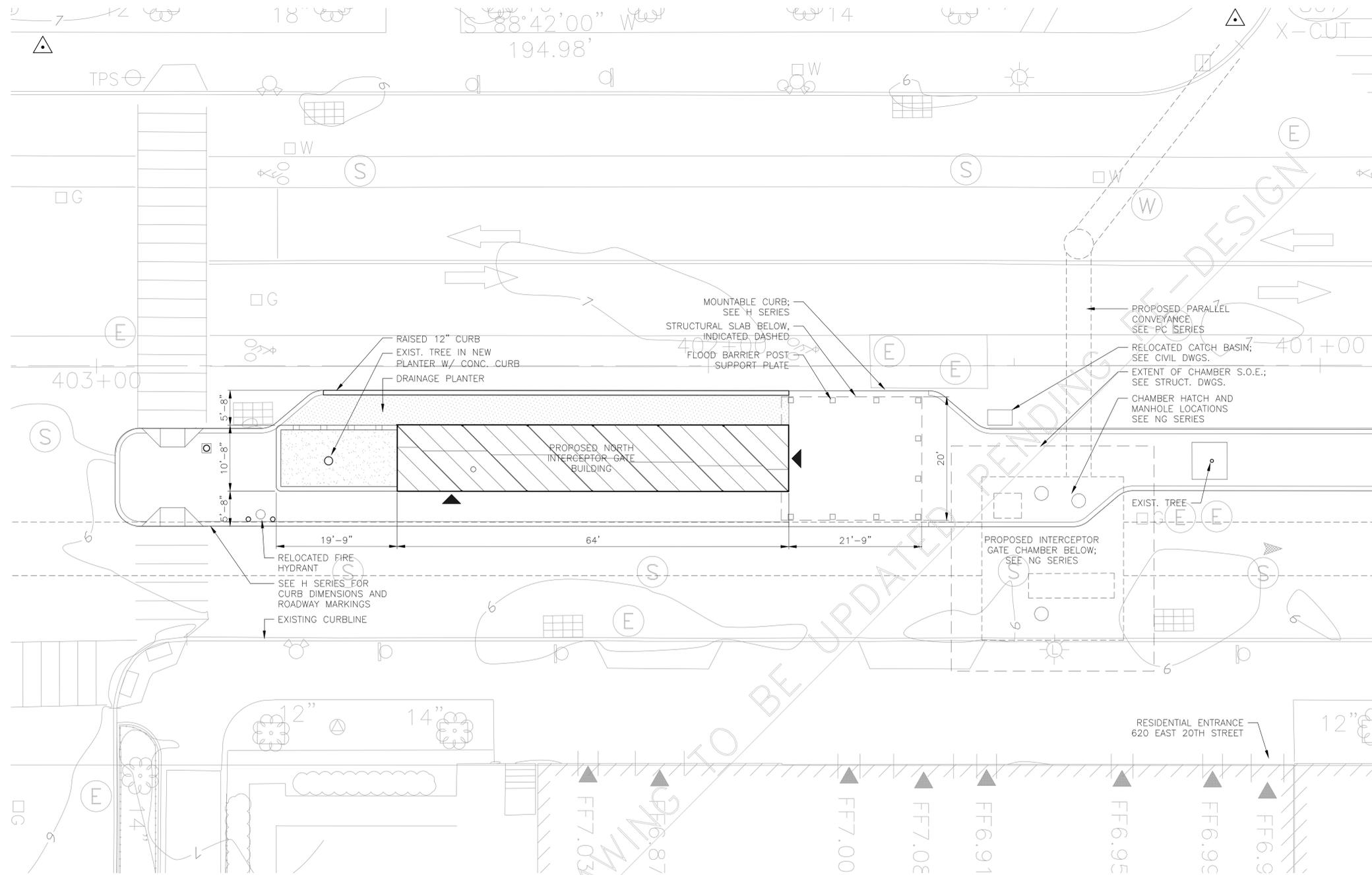
SANDRESM1-NGA001-00.DWG  
CADD FILE

NO.	DATE	DESCRIPTIONS REVISIONS	BY	APPR'D

**INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY**  
BOROUGH OF MANHATTAN

CAPITAL PROJECT NO. SANDRESM1 1/31/19      SHEET 431 OF 811      NGA001

REVISED MASS MAILING #1 SUBMISSION 7/18/2019



**NOTES:**

1. CONFIGURATIONS OF INTERCEPTOR GATE CHAMBER, CONVEYANCE, AND ACCESS HATCHES ARE CONCEPTUAL ONLY. SEE INTERCEPTOR GATE AND PARALLEL CONVEYANCE DRAWINGS (NG, SG, AND PC SERIES)
2. SEE H SERIES FOR CURB DIMENSIONS AND ROADWAY MARKINGS

NOTE: DRAWING TO BE UPDATED PENDING FINAL DESIGN

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

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DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

NORTHERN INTERCEPTOR GATE BUILDING  
SITE PLAN

ONE  
DRAWN BY

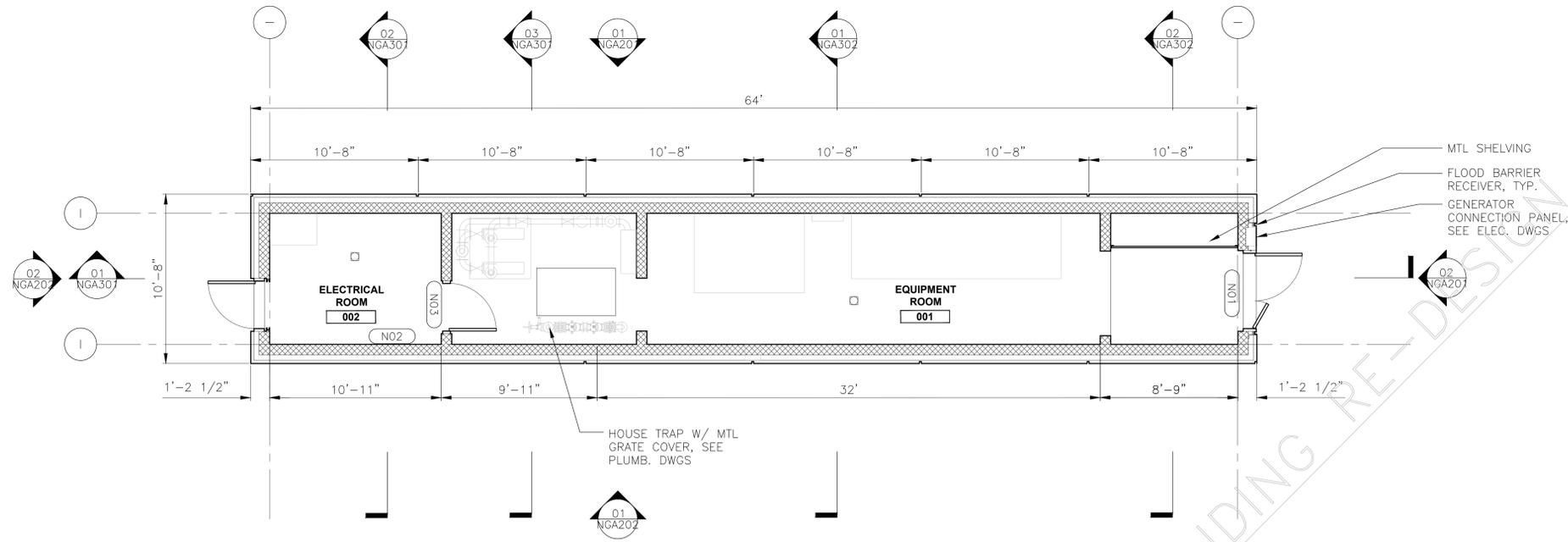
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INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS REVISIONS	BY	APPR'D.

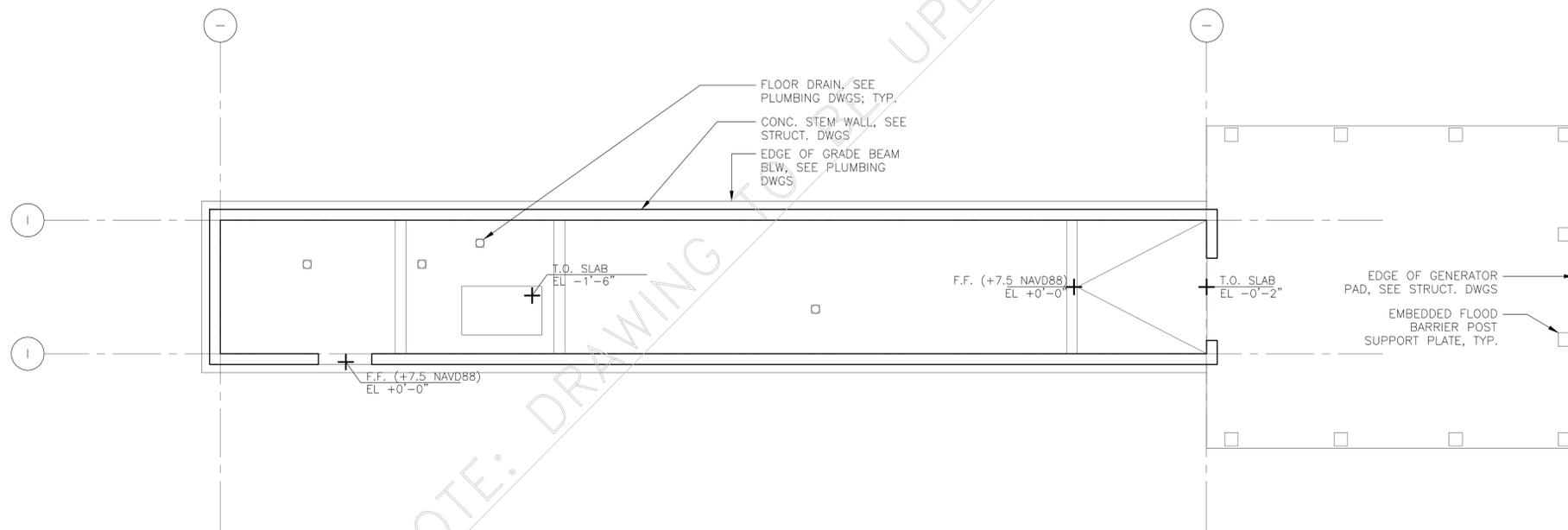
CAPITAL PROJECT NO. SANDRESM1 7/18/2019    SHEET 816 OF 1594    NGA010

REVISED MASS MAILING #1 SUBMISSION 7/18/2019



**NOTES:**  
 1. EQUIPMENT LAYOUTS TO BE COORDINATED WITH NG SERIES IN MM2 SUBMISSION

02 FLOOR PLAN  
 NGA101 Scale: 1/4" = 1'



**PRELIMINARY**  
 SUBMITTED DATE: 7/18/2019

01 SLAB PLAN  
 NGA101 Scale: 1/4" = 1'

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
 INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY: <b>AKRF KSE</b> The AKRF-KSE JV	FINAL DESIGN PREPARED BY: SIGNATURE _____ DATE _____
NAME OF CONSULTANT _____	

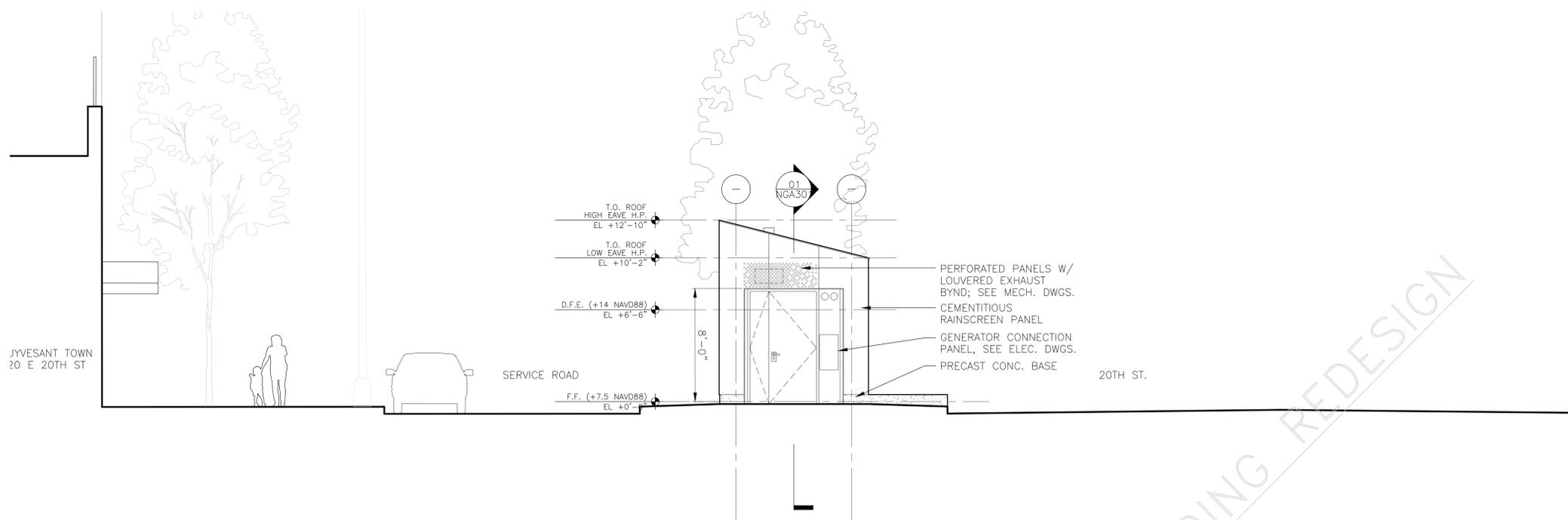
CITY OF NEW YORK  
 DEPARTMENT OF DESIGN + CONSTRUCTION  
 DIVISION OF INFRASTRUCTURE  
 BUREAU OF DESIGN

NORTHERN INTERCEPTOR GATE BUILDING  
 FLOOR PLAN  
 ONE DRAWN BY \_\_\_\_\_ SANDRESM1-NGA101-00.DWG  
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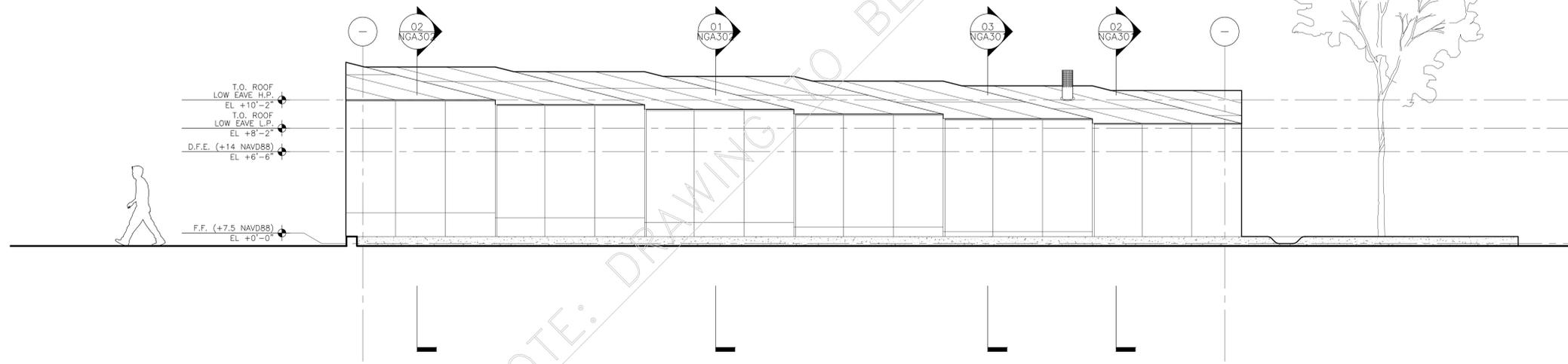
NO.	DATE	DESCRIPTIONS	BY	APPR'D.

INSTALLATION OF  
 EAST SIDE COASTAL RESILIENCY  
 BOROUGH OF MANHATTAN  
 CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 817 OF 1594 NGA101

REVISED MASS MAILING #1 SUBMISSION 7/18/2019



03 EAST ELEVATION  
Scale: 1/4" = 1'



01 NORTH ELEVATION  
Scale: 1/4" = 1'



NOTES:

- 

NOTE: DRAWING TO BE UPDATED PENDING REDESIGN

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

NORTHERN INTERCEPTOR GATE BUILDING  
ELEVATIONS

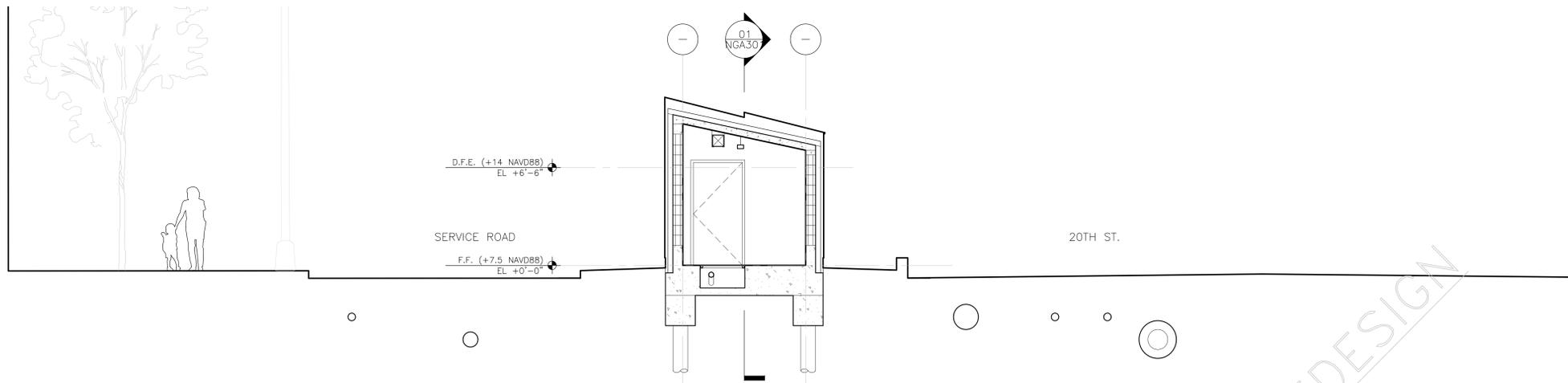
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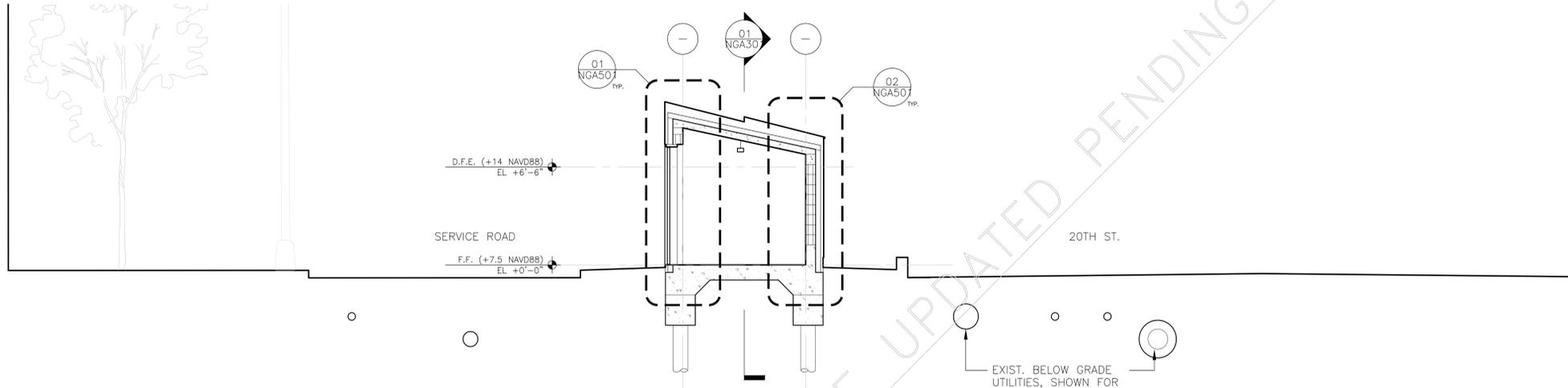
INSTALLATION OF  
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BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS	BY	APPR'D
REVISIONS				

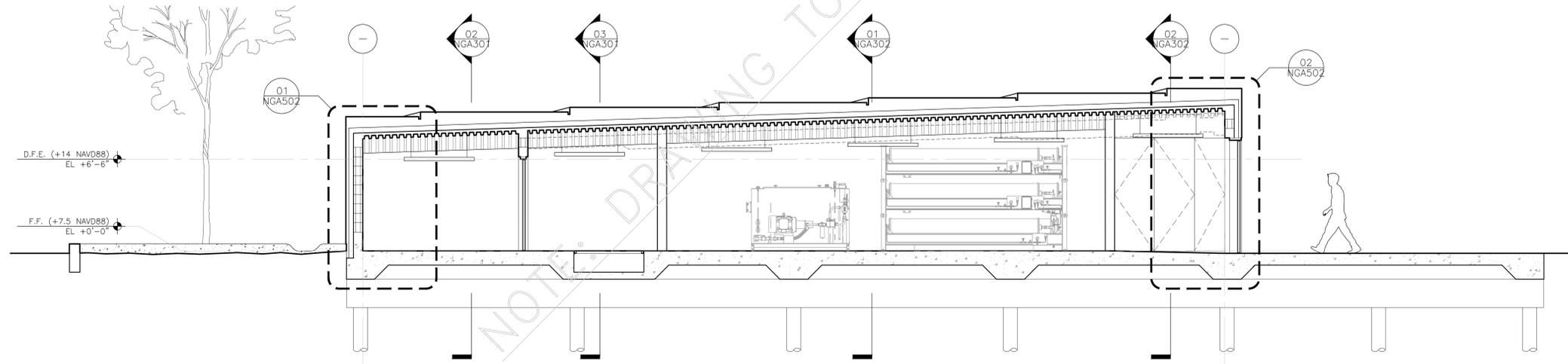
CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 819 OF 1594 NGA201



03 CROSS SECTION (LOOKING WEST)  
Scale: 1/4" = 1'



02 CROSS SECTION (LOOKING WEST)  
Scale: 1/4" = 1'



01 LONGITUDINAL SECTION (LOOKING NORTH)  
Scale: 1/4" = 1'



- NOTES:
- EQUIPMENT LAYOUTS TO BE COORDINATED WITH NG SERIES IN MM2 SUBMISSION

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY: **AKRF KSE**  
The AKRF-KSE JV  
FINAL DESIGN PREPARED BY: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_  
NAME OF CONSULTANT: \_\_\_\_\_  
DATE: \_\_\_\_\_

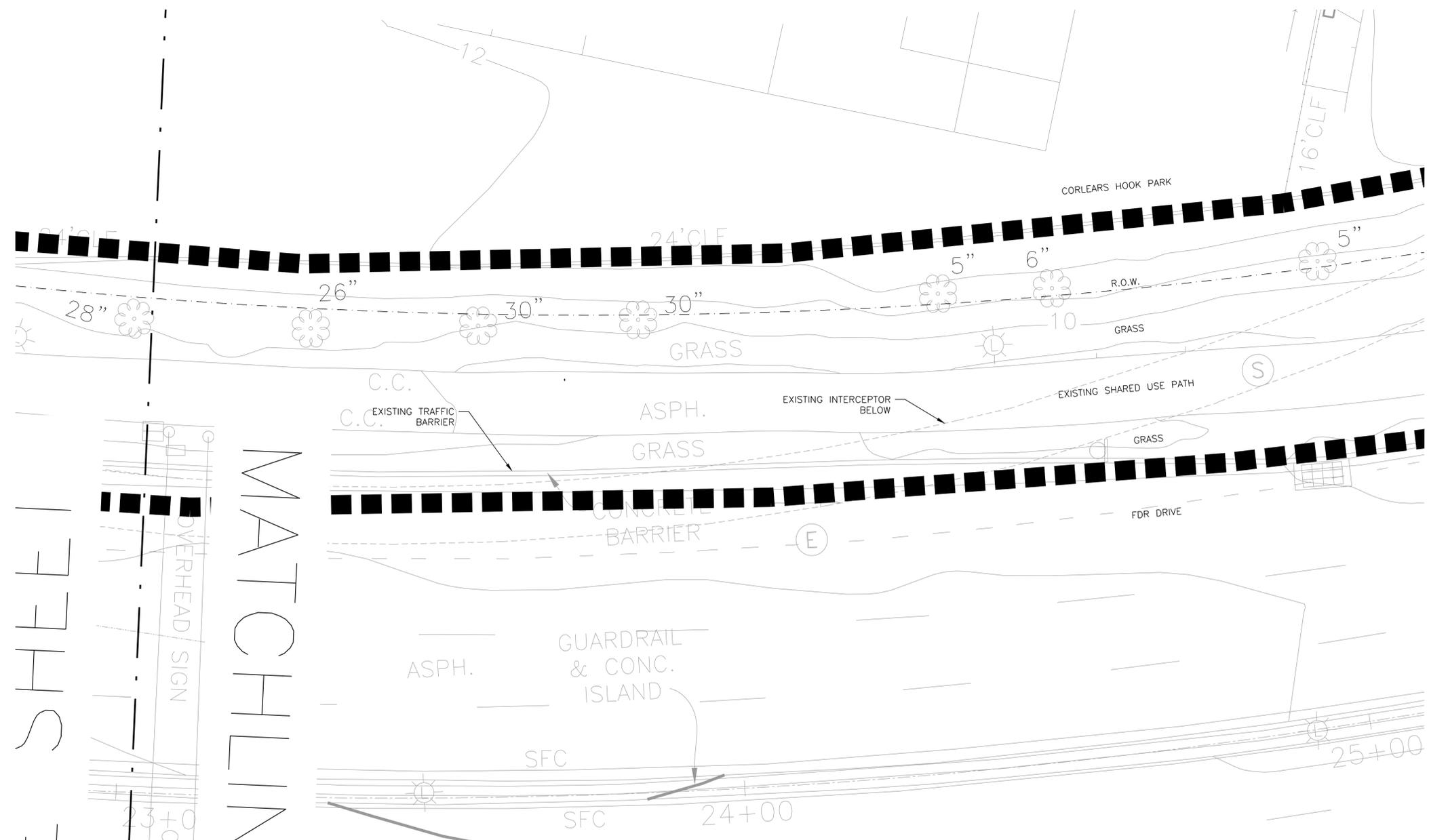
CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

NORTHERN INTERCEPTOR GATE BUILDING  
SECTIONS  
ONE  
DRAWN BY: \_\_\_\_\_  
SANDRESM1-NGA301-00.DWG  
CADD FILE

NO.	DATE	DESCRIPTIONS	BY	APPR'D

INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN  
CAPITAL PROJECT NO. SANDRESM1 7/18/2019  
SHEET 821 of 1594  
NGA301

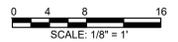
CONCEPTUAL REDESIGN SUBMISSION 1/31/2019



SHEET 1  
 OVERHEAD SIGN  
 MATCHLINE

**NOTES:**

1. ACCORDING TO SITE PHOTOS, EXISTING TREES APPEAR TO BE CLOSER TO THE EXISTING CHAIN LINK FENCE THAN DEPICTED IN THE CURRENT SITE SURVEY. A SUPPLEMENTARY TREE SURVEY OF THIS AREA WILL BE COMPLETED DURING PRELIMINARY DESIGN.



**CONCEPTUAL**  
 SUBMITTED DATE: 1/31/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
 INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:



ONE ARCHITECTURE & URBANISM  
 NAME OF CONSULTANT

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

CITY OF NEW YORK  
 DEPARTMENT OF DESIGN + CONSTRUCTION  
 DIVISION OF INFRASTRUCTURE  
 BUREAU OF DESIGN

SOUTHERN INTERCEPTOR GATE BUILDING  
 EXISTING SITE PLAN

ONE  
 DRAWN BY \_\_\_\_\_

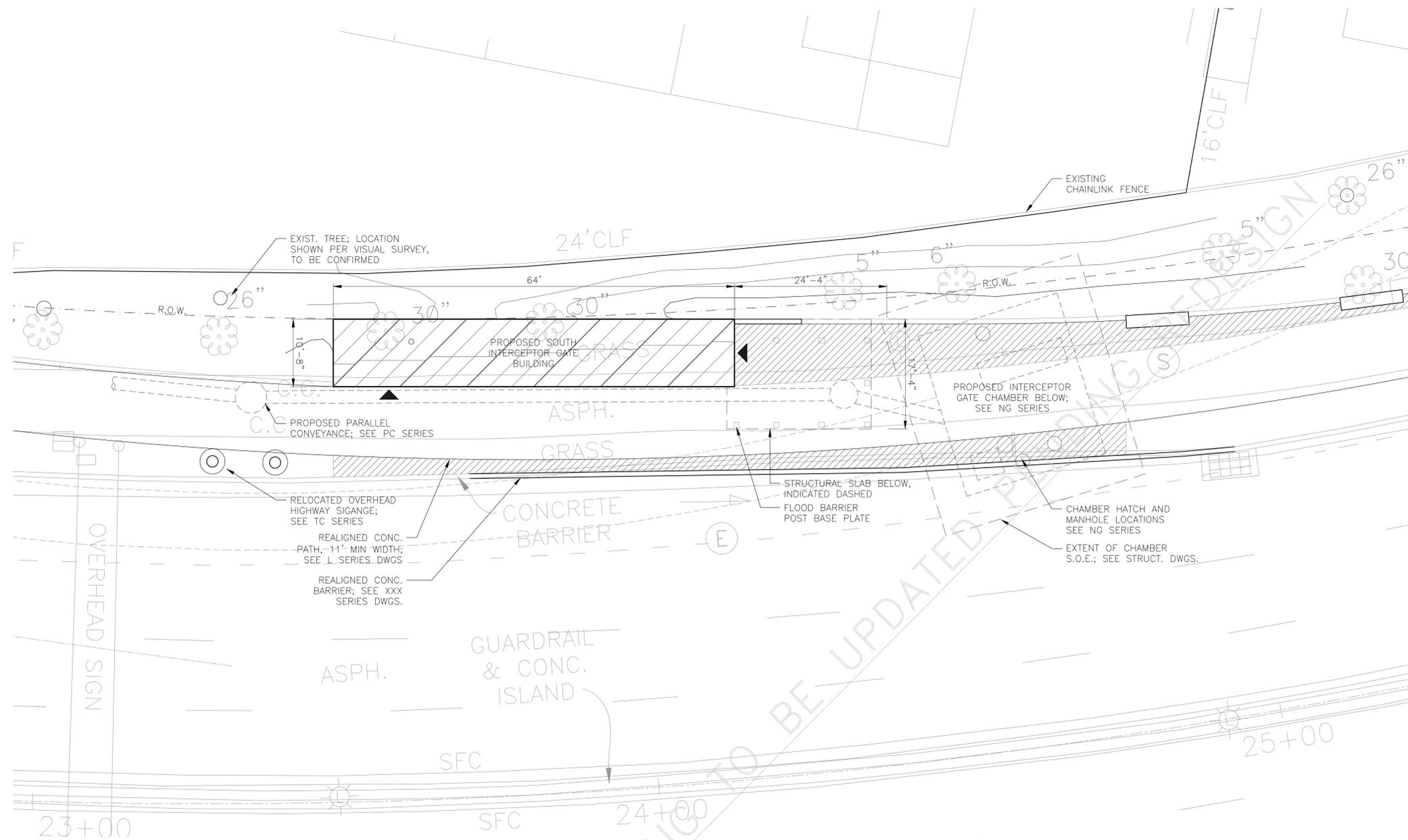
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INSTALLATION OF  
 EAST SIDE COASTAL RESILIENCY  
 BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS REVISIONS	BY	APPR'D

CAPITAL PROJECT NO. SANDRESM1 1/31/19 SHEET 438 OF 811 SGA001

REVISED MASS MAILING #1 SUBMISSION 7/18/2019



**NOTES:**

1. CONFIGURATIONS OF INTERCEPTOR GATE CHAMBER, CONVEYANCE, AND ACCESS HATCHES ARE CONCEPTUAL ONLY. SEE INTERCEPTOR GATE AND PARALLEL CONVEYANCE DRAWINGS (NG, SG, AND PC SERIES)
2. SEE H SERIES FOR CURB DIMENSIONS AND ROADWAY MARKINGS

NOTE: DRAWING TO BE UPDATED PER DESIGN

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

SOUTHERN INTERCEPTOR GATE BUILDING  
SITE PLAN

ONE  
DRAWN BY

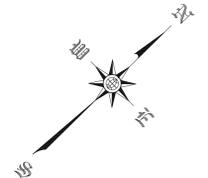
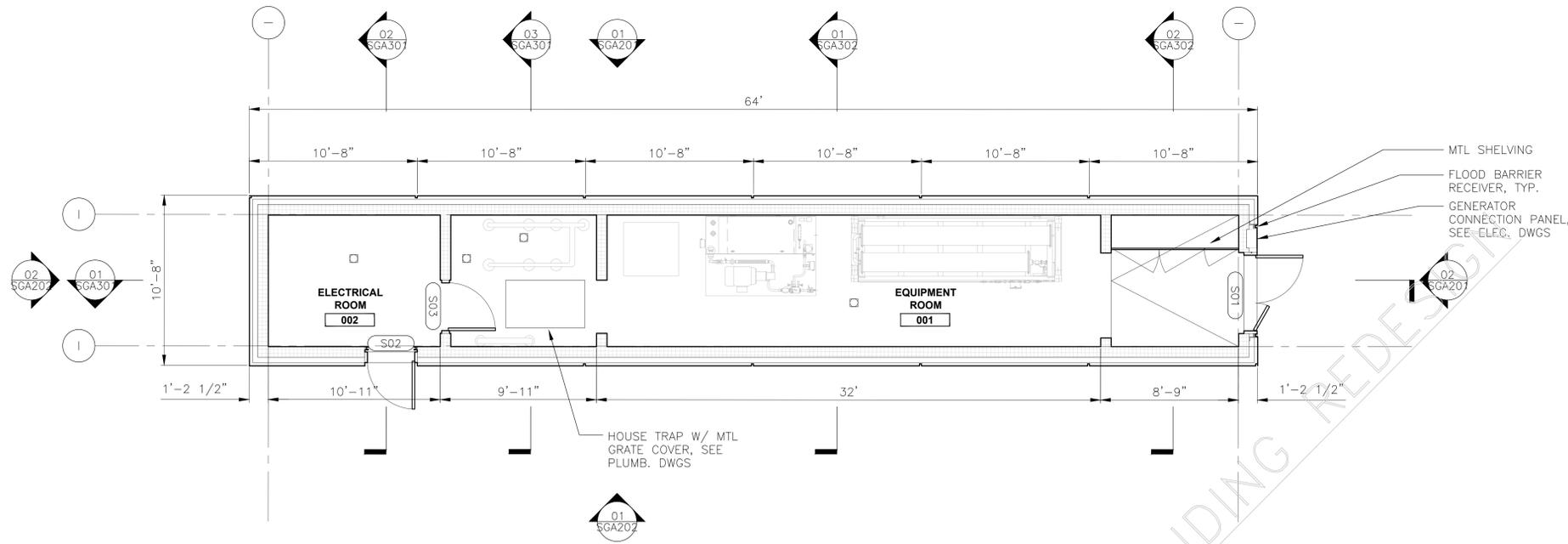
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INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS REVISIONS	BY	APPR'D.

CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 825 OF 1594 SGA010

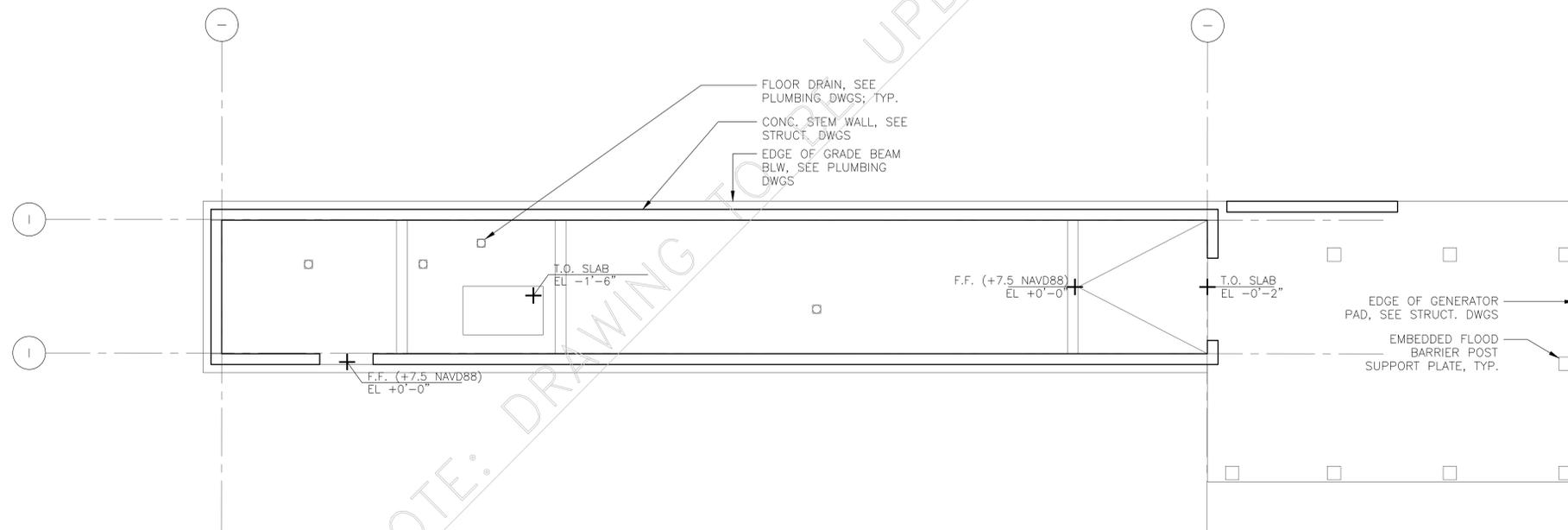
REVISED MASS MAILING #1 SUBMISSION 7/18/2019



**NOTES:**

- EQUIPMENT LAYOUTS TO BE COORDINATED WITH SG SERIES IN MM2 SUBMISSION

**02 FLOOR PLAN**  
Scale: 1/4" = 1'



**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

**01 SLAB PLAN**  
Scale: 1/4" = 1'

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES



FINAL DESIGN SUBMITTED BY:  
NAME OF CONSULTANT

SIGNATURE  
DATE

CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

SOUTHERN INTERCEPTOR GATE BUILDING  
FLOOR PLAN

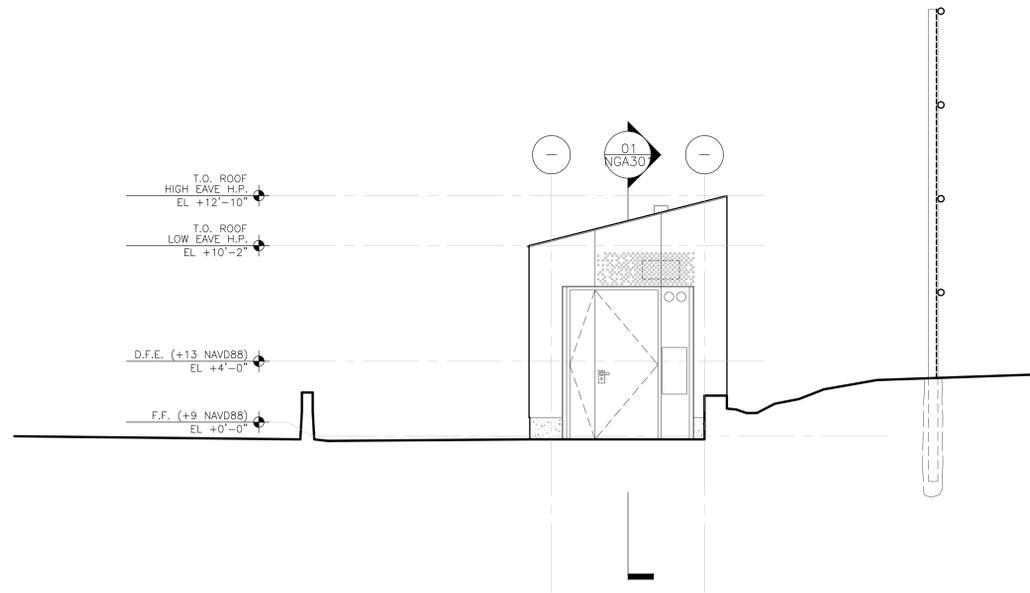
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INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS	BY	APPR'D.

CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 826 OF 1594 SGA101

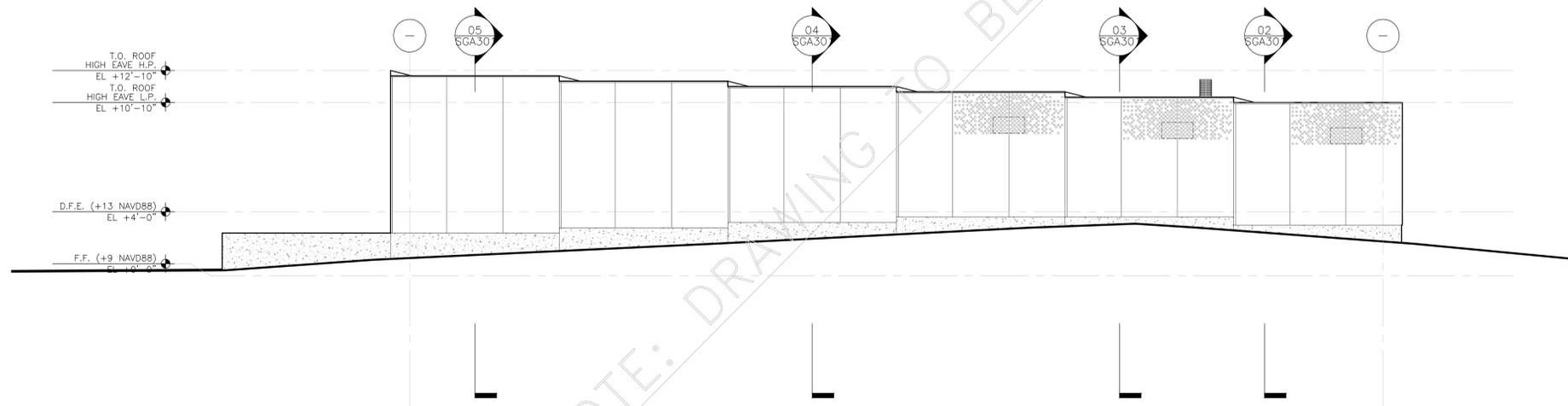
REVISED MASS MAILING #1 SUBMISSION 7/18/2019



NOTES:

- 1. LANDSCAPE AND GRADE PROFILE ARE CONCEPTUAL AND SUBJECT TO FURTHER ANALYSIS AND DEVELOPMENT

03 EAST ELEVATION  
 SGA201 Scale: 1/4" = 1'



01 NORTH ELEVATION  
 SGA201 Scale: 1/4" = 1'

**PRELIMINARY**  
 SUBMITTED DATE: 7/18/2019

NOTE: DRAWING TO BE UPDATED PENDING REDESIGN

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
 INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

CITY OF NEW YORK  
 DEPARTMENT OF DESIGN + CONSTRUCTION  
 DIVISION OF INFRASTRUCTURE  
 BUREAU OF DESIGN

SOUTHERN INTERCEPTOR GATE BUILDING  
 ELEVATIONS

ONE  
 DRAWN BY

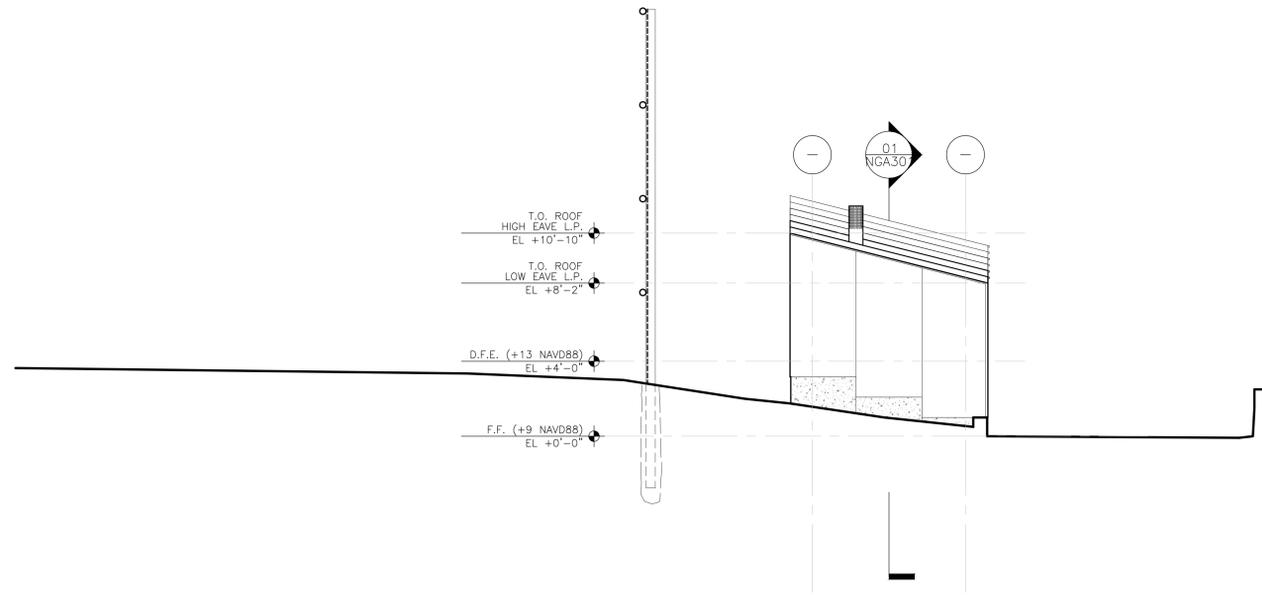
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 CADD FILE

INSTALLATION OF  
 EAST SIDE COASTAL RESILIENCY  
 BOROUGH OF MANHATTAN

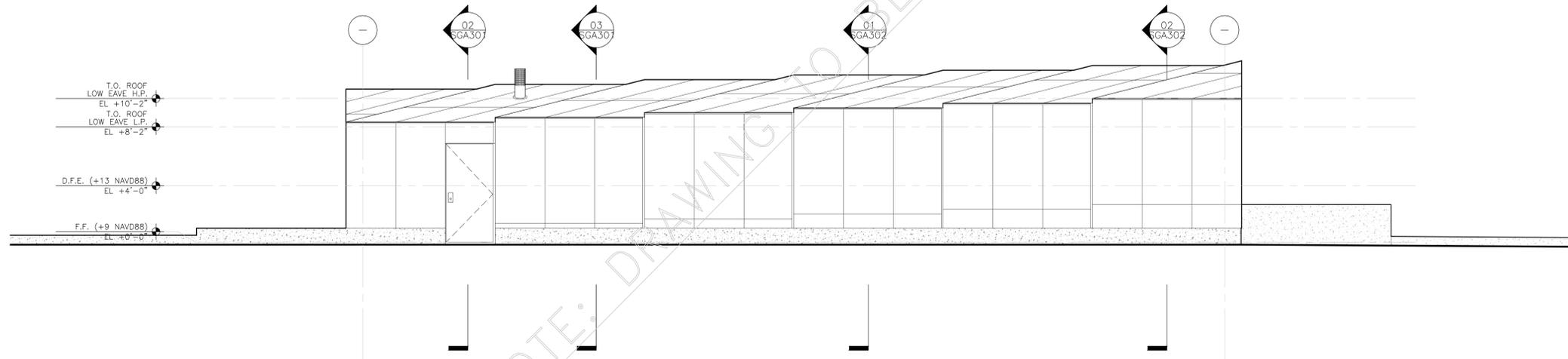
NO.	DATE	DESCRIPTIONS	BY	APPR'D
REVISIONS				

CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 828 of 1594 SGA201

REVISED MASS MAILING #1 SUBMISSION 7/18/2019



02 WEST ELEVATION  
SGA201 Scale: 1/4" = 1'



02 SOUTH ELEVATION  
SGA201 Scale: 1/4" = 1'



NOTES:

- 1. LANDSCAPE AND GRADE PROFILE ARE CONCEPTUAL AND SUBJECT TO FURTHER ANALYSIS AND DEVELOPMENT

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

CITY OF NEW YORK  
DEPARTMENT OF DESIGN + CONSTRUCTION  
DIVISION OF INFRASTRUCTURE  
BUREAU OF DESIGN

SOUTHERN INTERCEPTOR GATE BUILDING  
ELEVATIONS

ONE  
DRAWN BY

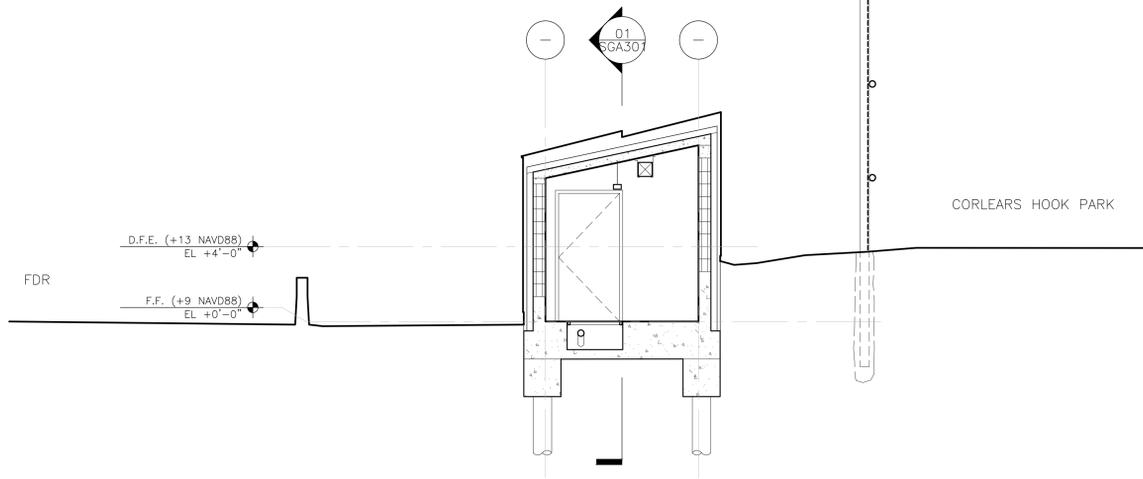
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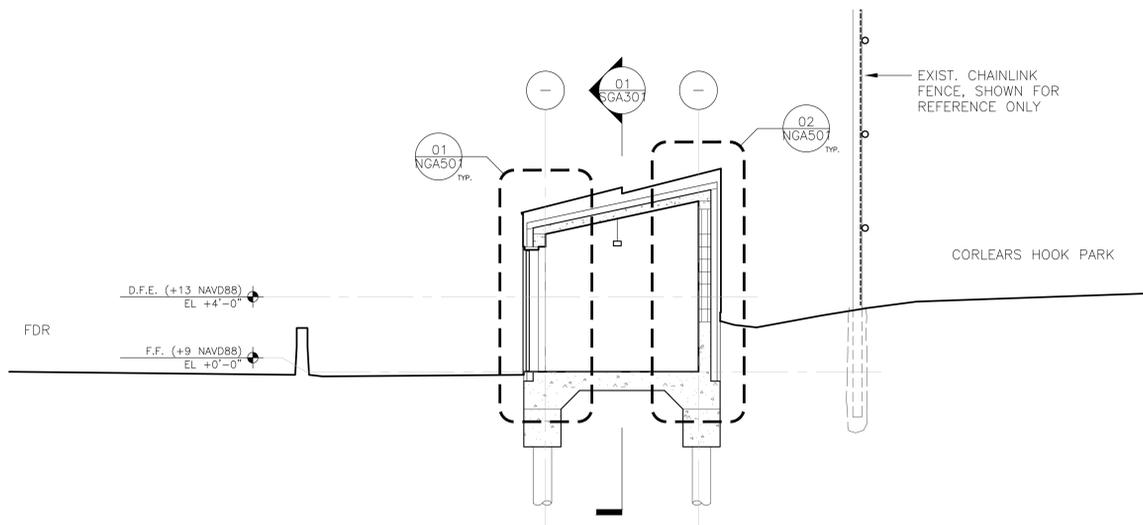
INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN

CAPITAL PROJECT NO. SANDRESM1 7/18/2019

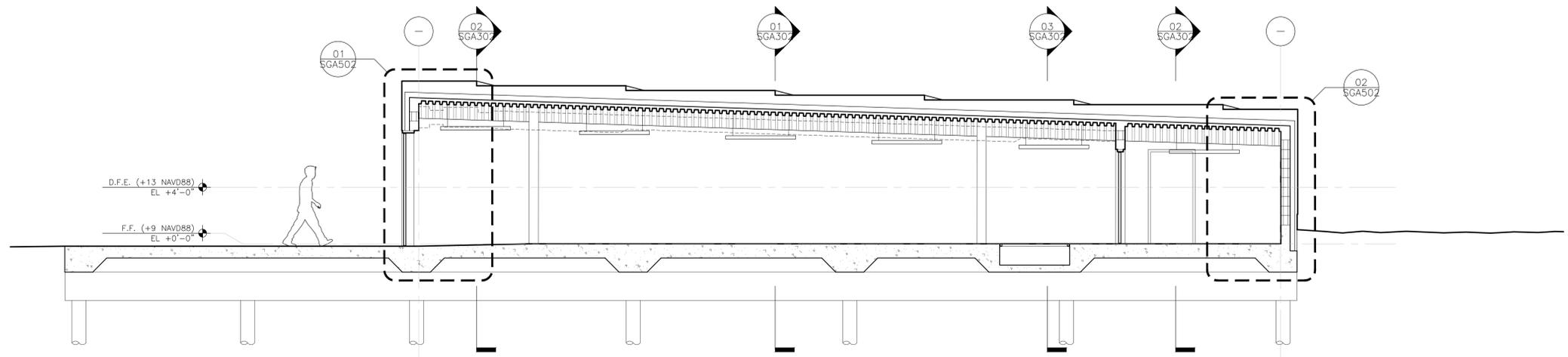
SHEET 829 of 1594 SGA202



03 LONGITUDINAL SECTION  
Scale: 1/4" = 1'



02 LONGITUDINAL SECTION  
Scale: 1/4" = 1'



01 CROSS SECTION  
Scale: 1/4" = 1'

**NOTES:**

- EQUIPMENT LAYOUTS TO BE COORDINATED WITH SG SERIES IN MM2 SUBMISSION

**PRELIMINARY**  
SUBMITTED DATE: 7/18/2019

TOPOGRAPHIC SURVEY PREPARED BY: FOR SURVEYOR  
INFORMATION SEE SURVEY SET SU100 DRAWINGS SERIES

FINAL DESIGN SUBMITTED BY:



FINAL DESIGN PREPARED BY:

NAME OF CONSULTANT

SIGNATURE

DATE

CITY OF NEW YORK  
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DIVISION OF INFRASTRUCTURE  
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SOUTHERN INTERCEPTOR GATE BUILDING  
SECTIONS

ONE  
DRAWN BY

SANDRESM1-SGA301-00.DWG  
CADD FILE

INSTALLATION OF  
EAST SIDE COASTAL RESILIENCY  
BOROUGH OF MANHATTAN

NO.	DATE	DESCRIPTIONS	BY	APPR'D
REVISIONS				

CAPITAL PROJECT NO. SANDRESM1 7/18/2019 SHEET 830 of 1594 SGA301