



CONSTRUCTION CONTRACT

**New York City
Department of
Environmental Protection**
59-17 Junction Boulevard
Flushing, New York 11373

Rohit Aggarwala
Commissioner

Joseph Vaicels
Assistant Commissioner
Agency Chief
Contracting Officer

Addendum No. 2 To The Invitation for Bids

**for Furnishing all Labor and
Material Necessary and Required for:**

Contract(s): **KENS-EAST-2**

Description: **KENSICO SITE PREPARATION**

July, 2023

**CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION**

TO ALL BIDDERS FOR FURNISHING ALL LABOR AND MATERIAL
NECESSARY AND REQUIRED FOR:

Contract KENS-EAST-2

**Kensico-Eastview Connection
Kensico Site Preparation**

This Addendum No. 2 is issued for the purpose of amending the requirements of the Contract Documents and is hereby made a part of said Contract Documents as though it were originally included therein. The pages of this Addendum are numbered sequentially. All Bidders should check this book carefully to verify that all the pages are included.

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ADDENDUM NO. 2
CONTRACT KENS-EAST-2

NOTE:

This Signature Page must be signed, dated, detached from the book and submitted by the bidder with his/her bid.

Rohit Aggarwala
Commissioner

I acknowledge receipt of Addendum No. 2 for: Contract KENS-EAST-2 – Kensico-Eastview Connection Kensico Site Preparation.

NAME OF BIDDER:

Signature: _____

Signed by: _____

Date: _____

ADDENDUM NO. 2
CONTRACT KENS-EAST-2

Kensico-Eastview Connection
Kensico Site Preparation

CONSTRUCTION CONTRACT INVITATION FOR BID

1. Delete Bid Booklet cover sheet and replace with signed and sealed cover sheet (see Attachment 1).
2. Delete Bid Booklet Page B-6A and replace with revised Bid Sheet (see Attachment 8).

CONTRACT DRAWINGS (see Attachment 2)

1. Cover Sheet. Removed existing and replace with new signed and sealed Cover Sheet.
2. Drawing KEC2-G-002.01. Removed existing and replace with new drawing KEC2-G-002.02
3. Drawing KEC2-G-003.00. Removed existing and replace with new drawing KEC2-G-003.01
4. Drawing KEC2-G-004.01. Removed existing and replace with new drawing KEC2-G-004.02
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14. Drawing KSPP-C-152.01. Removed existing and replace with new drawing KSPP-C-152.02
15. Drawing KSPP-C-152.01. Removed existing and replace with new drawing KSPP-C-153.02

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CONTRACT KENS-EAST-2

16. Drawing KSPP-C-154.00. Removed existing and replace with new drawing KSPP-C-154.01
17. Drawing KSPP-C-155.01. Removed existing and replace with new drawing KSPP-C-155.02
18. Drawing KSPP-C-180.01. Removed existing and replace with new drawing KSPP-C-180.02
19. Drawing KSPP-C-181.00. Removed existing and replace with new drawing KSPP-C-181.01
20. Drawing KSPP-C-182.01. Removed existing and replace with new drawing KSPP-C-182.02
21. Drawing KSPP-C-183.00. Removed existing and replace with new drawing KSPP-C-183.01
22. Drawing KSPP-C-200.01. Removed existing and replace with new drawing KSPP-C-200.02
23. Drawing KSPP-C-201.00. Removed existing and replace with new drawing KSPP-C-201.01
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25. Drawing KSPP-C-211.01. Removed existing and replace with new drawing KSPP-C-211.02
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27. Drawing KSPP-C-216.01. Removed existing and replace with new drawing KSPP-C-216.02
28. Drawing KSPP-C-219.00. Removed existing and replace with new drawing KSPP-C-219.01
29. Drawing KSPP-C-220.00. Removed existing and replace with new drawing KSPP-C-220.01
30. Drawing KSPP-C-224.00. Removed existing and replace with new drawing KSPP-C-224.01
31. Drawing KSPP-C-225.00. Removed existing and replace with new drawing KSPP-C-225.01
32. Drawing KSPP-C-232.00. Removed existing and replace with new drawing KSPP-C-232.01
33. Drawing KSPP-C-233.01. Removed existing and replace with new drawing KSPP-C-233.02
34. Drawing KSPP-C-235.00. Removed existing and replace with new drawing KSPP-C-235.01
35. Drawing KSPP-C-236.00. Removed existing and replace with new drawing KSPP-C-236.01
36. Drawing KSPP-C-300.01. Removed existing and replace with new drawing KSPP-C-300.02
37. Drawing KSPP-C-321.00. Removed existing and replace with new drawing KSPP-C-321.01
38. Drawing KSPP-C-400.00. Removed existing and replace with new drawing KSPP-C-400.01
39. Drawing KSPP-C-401.00. Removed existing and replace with new drawing KSPP-C-401.01
40. Drawing KSPP-C-402.00. Removed existing and replace with new drawing KSPP-C-402.01

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41. Drawing KSPP-C-460.00. Removed existing and replace with new drawing KSPP-C-460.01
42. Drawing KSPP-C-473.00. Removed existing and replace with new drawing KSPP-C-473.01
43. Drawing KSPP-C-474.00. Removed existing and replace with new drawing KSPP-C-474.01
44. Drawing KSPP-C-475.00. Removed existing and replace with new drawing KSPP-C-475.01
45. Drawing KSPP-C-476.00. Removed existing and replace with new drawing KSPP-C-476.01
46. Drawing KSPP-C-480.00. Removed existing and replace with new drawing KSPP-C-480.01
47. Drawing KSPP-C-482.00. Removed existing and replace with new drawing KSPP-C-482.01
48. Drawing KSPP-C-485.00. Removed existing and replace with new drawing KSPP-C-485.01
49. Drawing KSPP-C-486.00. Removed existing and replace with new drawing KSPP-C-486.01
50. Drawing KSPP-C-702.00. Removed existing and replace with new drawing KSPP-C-702.01
51. Drawing KSPP-C-703.00. Removed existing and replace with new drawing KSPP-C-703.01
52. Drawing KSPP-C-704.00. Removed existing and replace with new drawing KSPP-C-704.01
53. Drawing KSPP-C-711.00. Removed existing and replace with new drawing KSPP-C-711.01
54. Drawing KSPP-C-730.00. Removed existing and replace with new drawing KSPP-C-730.01
55. Drawing KSPP-C-731.00. Removed existing and replace with new drawing KSPP-C-731.01
56. Drawing KSPP-C-732.00. Removed existing and replace with new drawing KSPP-C-732.01
57. Drawing KSPP-C-734.00. Removed existing and replace with new drawing KSPP-C-734.01
58. Drawing KSPP-C-740.00. Removed existing and replace with new drawing KSPP-C-740.01
59. Drawing KSEB-A-500.00. Removed existing and replace with new drawing KSEB-A-500.01
60. Drawing KSEB-A-600.00. Removed existing and replace with new drawing KSEB-A-600.01
61. Drawing KSEB-A-601.00. Removed existing and replace with new drawing KSEB-A-601.01
62. Drawing KSEB-S-001.00. Removed existing and replace with new drawing KSEB-S-001.01
63. Drawing KSEB-P-001.00. Removed existing and replace with new drawing KSEB-P-001.01
64. Drawing KSEB-P-401.00. Removed existing and replace with new drawing KSEB-P-401.01
65. Drawing KSEB-P-501.00. Removed existing and replace with new drawing KSEB-P-501.01

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- 66. Drawing KSEB-P-801.00. Removed existing and replace with new drawing KSEB-P-801.01
- 67. Drawing KSEB-L-101.00. Removed existing and replace with new drawing KSEB-L-101.01
- 68. Drawing KSEB-L-105.00. Removed existing and replace with new drawing KSEB-L-105.01

CONTRACT TERMS AND SPECIFICATIONS, VOLUME 1 OF 2

- 1. Insert Attachment 3 titled “Seals and Certifications” after the cover sheet for “Volume 1 of 2 of the Contract Terms and Specifications”.
- 2. Delete Page 151 of 3268 and replace with Attachment 4 titled “*Schedule of Workmen, Mechanics, and Laborers*”.
- 3. Delete Pages 153 to 205 of 3268 and replace with Attachment 5 titled “*Latest Westchester County Prevailing Wage Schedule*”.
- 4. From page 661 to page 678 Section 01 52 10 – TEMPORARY FIELD OFFICE TRAILERS replace this section in its entirety.
- 5. After Page 716 of 3268, insert “*Section 01 56 10 – Noise Barrier*” (see Attachment 6).
- 6. Delete Pages 729 to 734 of 3268 and replace with revised specification “*Section 01 58 13 – Temporary Project Signage*” (see Attachment 7)
- 7. On page 1491 Section 07 44 53 – GLASS FIBER CONCRETE PANEL RAINSCREEN – 1.05 DESCRIPTION D. (1.) c. 5) replace text “*of 316 stainless steel or aluminum*” with “*at a minimum of galvanized steel or equal.*”

CONTRACT TERMS AND SPECIFICATIONS, VOLUME 2 OF 2

- 1. Insert Attachment 3 titled “Seals and Certifications” after the cover sheet for “Volume 2 of 2 of the Contract Terms and Specifications”.
- 2. On page 3397 Section 32 09 05 - SOIL MIXES – 1.07 SUBMITTALS A.(4.)b.(1) delete text “*in package 2 (E&SC Phases 1-3)*”
- 3. On page 3247 Section 31 25 10 – DUST, SOIL EROSION AND SEDIMENT CONTROL – 3.02 IMPLEMENTATION B. (C.) delete text “*The Contractor shall not chip existing felled trees onsite. The Contractor shall sell the merchantable wood and purchase wood mulch*” And

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replace with: *“Fresh wood chips shall not be used in landscaping work. For landscaping work the contractor shall purchase wood mulch.”*

4. On page 3247 Section 31 25 10 – DUST, SOIL EROSION AND SEDIMENT CONTROL – 3.02 IMPLEMENTATION B. (C.)2. delete text *“Purchase wood mulch shall be used for”* and replace with *“The use of chipped wood from removed trees on site for”*. At the end of this sentence add the text *“shall be in accordance with Section 31 10 10 – Site Clearing.”*
5. On page 3215 Section 31 23 23 – FILL – 1.06 QUALITY ASSURANCE C. on the right column top row of the table delete text *“Volume Placed”* and replace with *“Layer Placed”*. On the same table, on the right column bottom row delete the text *“cy”* add replace with *“square yard, or at least 1 per shift of compaction operations on each structure”*.
6. On page 3218 Section 31 23 23 – FILL – 2.02 MATERIALS/EQUIPMENT D. 2. add the text *“Granular on-site material may be used as common fill as follows:”* and change *“Granular on-site material that complies with the following gradation limits may be used as granular common fill”* to subheading *“a.”* under the text added above.
7. On page 3218 Section 31 23 23 – FILL – 2.02 MATERIALS/EQUIPMENT D. 2. on the table on the bottom right cell replace the text *“0-20”* with *“0-40”*.
8. On page 3218 Section 31 23 23 – FILL – 2.02 MATERIALS/EQUIPMENT D. 2. Add the following text below the table:

“b. For granular on-site material that comprises more than 20 percent by weight passing U.S. Standard Sieve #200:

 - 1) The Contractor shall carry out site trials to demonstrate compliance to required compaction of not less than 90 percent of the maximum dry density obtainable by ASTM D1557.*
 - 2) The Contractor shall submit a work plan outlining the method of the site trial and submit test results per Articles 1.06.B and 1.06.C upon the completion of the site trial to the Engineer for review.*
 - 3) Such fill can only be used as common fill upon the satisfaction of the site trial and subject to the approval of the Engineer.”*
9. On page 3218 Section 31 23 23 – FILL – 2.02 MATERIALS/EQUIPMENT D. after subheading 2. add the following text:

“3. Rock from on-site excavation may be used as common fill at the Delaware aerator as follows:

 - a. Rock material can be compacted in accordance with the NYSDOT Standard Specifications section 203-3.03 Embankment In Place.*
 - b. Excavated rock fragment with a dimension exceeding 24 inches or exceeding the loose layer thickness are designated as oversized rock fragments. Oversized rock fragments may be used as fill by reducing them in size before placement.”*

Subheadings 3. and 4. shall be updated to 4. And 5. accordingly.

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10. On page 3226 Section 31 23 23 – FILL – 3.02 IMPLEMENTATION K. insert a new item 4. with the following text: “4. *For Earth embankments from frock material from on-site excavation perform compaction in accordance with the common fill requirements and NYSDOT standard specifications.*” Update the preexisting item 4. to item 5.
11. On page 3176 Section 31 23 16 - EXCAVATION - 3.02 IMPLEMENTATION C. (1.) add the following text to the beginning of the first sentence: “*Except for wood chips used for winter stabilization,*” and replace “*the*” with “*The*” before the word “*Contractor*”. In the first sentence of item 1. remove the text “*or recycle*” and “*including wood chips*”.
12. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B. (1.)a. add the following text to the end of sentence “*or panels*”.
13. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B.(1.)b. delete text “*sand and gravel*”.
14. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B.(1.)d. delete text “*Sand fill*” and replace with “*Selected grass from seed or sod*”.
15. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B.(1.)e. delete item “*e. Selected grass from seed, hydroseeding/hydro-mulching, or sod*”.
16. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B.(1.)f. delete item “*f. Selected topsoil*”.
17. On page 3313 Section 32 14 01 – REINFORCED TURF – 1.01 SUMMARY B.(1.)g. delete item “*g. Mulch*”.
18. On page 3316 Section 32 14 01 – REINFORCED TURF – 2.01 MANUFACTURERS A. insert a new item 3. with the following text: “3. *National Diversified Sales, Inc. (NDS), Burlington, NJ and Lindsay, CA*”. Update the preexisting item 3. to item 4.
19. On page 3317 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(1.)a. (2.) add the following to the end of sentence “*, or 100% recycled Polyolefin plastic*”.
20. On page 3317 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(1.)a. (6.) delete item “6) *Fertilizer*”.
21. On page 3317 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(1.)b. delete item 1. text “*Maximum Loading Capability: 15,940 psi (2.29 million psf, 109,906 kPa) when filled with sand*” and replace with “*Compressive strength (empty cells): 53,683 - 86,563 lbs; Minimum compressive strength (native soil filled pavers): 400,000 lbs*”. Delete item 2. with the following text: “2) *Tensile strength, pull-apart testing: 458 lbf/in from ASTM D638 Modified*”. Update preexisting item 3. to item 2. and delete text “*sand,*”. Update preexisting item 4. to item 3.

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22. On page 3317 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(1.)c. delete item 1. text “, in 108 sq ft increments”. Delete item 2. text “, in 1.6 ft increments”. Delete item 3. text “, in 3.3 ft increments”. Delete item 4. text “, in 41 lbs increments”. Delete item 5. text “Unit Nominal Width by Length: 20 inches by 20 inches or 40 inches by 40 inches” and replace with “Individual panel sizes (Width by Length): 20 inches by 20 inches, 24 inches by 24 inches, 40 inches by 40 inches”. Delete item 6. text “1 inch – for rolls and individual units.” and replace with “1 inch to 1½ inches”. Delete item 7. “7) Unit Weight: 18 oz or 5 lbs”. Delete item 8. “8) Volume Solid: 8 percent”.
23. On page 3318 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(2.) delete text “Reinforced turf Base Course: Sandy gravel material from local sources commonly used for road base construction” and replace with “Reinforced Turf Base Course: gravel material from local sources commonly used for road base construction. Base course to be installed per Reinforced Turf manufacturer’s instructions.” Delete sub-item a. to sub-item d.
24. On page 3318 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(3.) delete text “Reinforced turf Sand Fill for Rings and Spaces Between Rings: Clean sharp sand (washed concrete sand). a. Coarse, well-draining sand, such as washed concrete sand conforming to ASTM F1632-03, AASHTO M6 or ASTM C33.” Update preexisting item 4 to item 3.
25. On pages 3318 to 3319 Section 32 14 01 – REINFORCED TURF – 2.02 MATERIALS/EQUIPMENT A.(5.) update preexisting item 5 to item 4. Delete item a. text “Seed: ” in the first sentence and “Pure Live Seed types and amount shall be shown on plan.” in the last sentence. Delete sub-item 1. and sub-item 2.
26. On page 3320 Section 32 14 01 – REINFORCED TURF – 3.01 EXAMINATION/ PREPARATION B. delete item 7. with text “For fire lane installations: prior to installing base course for turf paving, obtain approval of local fire authorities of sub-base.” Update preexisting item 8. to item 7. Update preexisting item 9. to item 8. Update preexisting item 10. to item 9. Update preexisting item 11. to item 10. Update preexisting item 12. to item 11. Update preexisting item 13. to item 12. Delete item 14. with text “Leave 1 inch of depth below final grade for reinforced turf unit and sand fill and 0.5 inch for depth of sod root zone or topsoil germination area.” Update preexisting item 15. to item 13.
27. On page 3320 Section 32 14 01 – REINFORCED TURF – 3.02 INSTALLATION A. delete item 1. with text “Fertilizer 1. Spread all Fertilizer mix provided (spreader rate = 10 lbs per 1076 sq. ft) evenly over the surface of the base course with a hand-held, or wheeled rotary spreader. 2. The Fertilizer mix should be placed immediately before installing the porous pavement units.”
28. On pages 3320 to 3321 Section 32 14 01 – REINFORCED TURF – 3.02 INSTALLATION B. update preexisting item B. to item A. Delete text “1. Install the reinforced turf units by placing units with rings facing up, and using snap-fit connectors, pegs and holes, provided to maintain proper spacing and interlock the units. Units can be easily shaped with pruning

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shears or knife. Units placed on curves, slopes, and high traffic areas shall be anchored to the base course, using 40d common nails with fender washer, as required to secure units in place. Tops of rings shall be between 0.25" to 0.5" below the surface of adjacent hard-surface pavements. 2. Install sand in rings as they are laid in sections by "back-dumping" directly from a dump truck, or from buckets mounted on tractors, which then exit the Site by driving over rings already filled with sand. The sand is then spread laterally from the pile using flat bottomed shovels and/or wide "asphalt rakes" to fill the rings. A stiff bristled broom should be used for final "finishing" of the sand. The sand must be "compacted" by using water from hose, irrigation heads, or rainfall, with the finish grade no less than the top of rings and no more than 0.25" above top of rings." and replace with "1. Install reinforced turf systems in accordance with manufacturer's instructions."

29. On page 3321 Section 32 14 01 – REINFORCED TURF – 3.02 INSTALLATION C. update preexisting item C. to item B. Delete item 1. text “*Grass for Porous Pavement*” and replace with “*Grass planting for porous pavement*”. Delete item item 1. text “*Grass coverage on the sand-filled rings must be completed within one week. Sand must be re-installed and leveled and Reinforced Turf checked for integrity if rings become exposed due to wind, rain, traffic, or other factors. a. Hydroseeding/hydro-mulching - A combination of water, seed and fertilizer are homogeneously mixed in a purpose-built, truck-mounted tank. The seed mixture is sprayed onto the Site at rates shown on plans and per hydroseeding manufacturer's recommendations. Coverage must be uniform and complete. Following germination of the seed, areas lacking germination larger than 8" x 8" must be reseeded immediately. Seeded areas must be fertilized and kept moist during development of the turf plants. Do not drive on system. Hydroseeded/hydro-mulch areas must be protected from any traffic, other than emergency vehicles, for a period of 6 to 8 weeks, or until the root system has penetrated and established well below the Reinforced Turf system. b. Install grass seed at rates per grass type. A light "dusting" of commercial topsoil mix, not to exceed ½" will be placed above the rings and seed mix to aid germination rates. Seeded areas must be fertilized and kept moist during development of the turf plants. Do not drive on system. Seeded areas must be protected from any traffic, other than emergency vehicles, for a period of 6 to 8 weeks, or until the root system has penetrated and established well below the Reinforced Turf system.*” and replace with “*Grass coverage must be completed within one week. Do not drive on system for a period of 6 to 8 weeks, or until the root system has penetrated and established well below the Reinforced Turf system.*”
30. On page 3322 Section 32 14 01 – REINFORCED TURF – 3.03 FIELD TESTING / QUALITY CONTROL A. insert new text “*or cells*” in the first sentence.

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BID ROOM REFERENCE DOCUMENTS

Additional bid room reference documents are technical documents and/or reports that may be used as reference and is provided as needed to bidders.

1. *Con Edison Tower Grounding Typical Detail*
2. *Stormwater Pollution Prevention Plan – Kensico Campus*
3. *Con Edison Specification for the Temporary Grounding of Construction Equipment*
4. *CAT 210SP Drawings Bid Reference*

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LIST OF ATTACHMENTS

1. Attachment 1: Signed and Sealed Bid Booklet Cover Sheet
2. Attachment 2: Addendum #2 Revised and New Drawings
3. Attachment 3: Seals and Certifications
4. Attachment 4: Schedule of Workmen, Mechanics, and Laborers
5. Attachment 5: Latest Westchester County Prevailing Wage Schedule
6. Attachment 6: Section 01 56 10 – Noise Barrier
7. Attachment 7: Section 01 58 13 – Temporary Project Signage
8. Attachment 8: Revised Bid Sheet

NO TEXT ON THIS PAGE

Attachment 1: Signed and Sealed Bid
Booklet Cover Sheet



CONSTRUCTION CONTRACT

INVITATION FOR BIDS

New York City
Department of
Environmental Protection
59-17 Junction Boulevard
Flushing, New York 11373

Rohit Aggarwala
Commissioner

Joseph Vaicels
Assistant Commissioner
Agency Chief Contracting
Officer

Bid Booklet
(with additional volumes of Contract Terms, Specifications
and Drawings)

Contract: KENS-EAST-2

Description: KENSICO-EASTVIEW CONNECTION
KENSICO SITE PREPARATION

Complete and submit this Bid in a sealed envelope to:
DEP Bid Administrator
59-17 Junction Boulevard, 17th Floor
Flushing, New York 11373

April 2023



Attachment 2: Addendum #2 Revised
and New Drawings



NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CAPITAL PROGRAM KENSICO-EASTVIEW CONNECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

TOWN OF MOUNT PLEASANT, NY



APRIL, 2023



LOCATION PLAN



AREA PLAN

Purnima Dharja.

PURNIMA DHARIA, P.E.
EXECUTIVE DIRECTOR, IN-HOUSE DESIGN
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION



Ana Barrio

ANA BARRIO
DEPUTY COMMISSIONER
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION

Kim Cipriano

KIMBERLY CIPRIANO
DEPUTY CHIEF OPERATING OFFICER
DEPARTMENT OF ENVIRONMENTAL PROTECTION


Last Saved By: ulion.safar Last Date Saved: 7/28/2023 3:56 PM Date & Time Plotted: 7/28/2023 4:01 PM
Paper Size: Printed/Plotted (34.00 x 22.00 inches) Plot Style: BDC Acad(N).ctb
Drawing File Name & Drive Location: Command "zoom" "E"

DRAWING No.	SHEET TITLE
GENERAL	
KEC2-G-001.00	COVER SHEET
KEC2-G-002.02	DRAWING INDEX
KEC2-G-003.01	DRAWING INDEX
KEC2-G-004.02	DRAWING INDEX
GENERAL STRUCTURAL	
KEC2-GS-001.01	STRUCTURAL GENERAL STRUCTURAL NOTES, CODES, AND STANDARDS
KEC2-GS-002.00	STRUCTURAL GENERAL CONCRETE, GROUT, AND ANCHORING NOTES
KEC2-GS-003.00	STRUCTURAL GENERAL ABBREVIATIONS AND SYMBOLS
KEC2-GS-004.00	STRUCTURAL GENERAL CONCRETE NOTES, TABLES, AND DETAILS
KEC2-GS-005.00	STRUCTURAL GENERAL TYPICAL GENERAL CONCRETE DETAILS
CIVIL	
KSPP-C-001.01	GENERAL NOTES
KSPP-C-002.01	LEGEND AND ABBREVIATIONS
KSPP-C-003.00	UTILITY NOTES
KSPP-C-100.00	EXISTING SITE OVERALL PLAN
KSPP-C-101.00	EXISTING SITE & BORING LOCATION PLAN 1
KSPP-C-102.00	EXISTING SITE & BORING LOCATION PLAN 2
KSPP-C-103.00	EXISTING SITE & BORING LOCATION PLAN 3
KSPP-C-104.00	EXISTING SITE & BORING LOCATION PLAN 4
KSPP-C-105.00	EXISTING SITE & BORING LOCATION PLAN 5
KSPP-C-106.00	EXISTING SITE & BORING LOCATION PLAN 6
KSPP-C-107.00	EXISTING SITE & BORING LOCATION PLAN 7
KSPP-C-108.00	EXISTING SITE & BORING LOCATION AERATOR ROAD PLAN 1
KSPP-C-109.00	EXISTING SITE & BORING LOCATION AERATOR ROAD PLAN 2
KSPP-C-110.00	SITE DEMOLITION OVERALL PLAN
KSPP-C-111.00	SITE DEMOLITION PLAN 1
KSPP-C-112.01	SITE DEMOLITION PLAN 2
KSPP-C-113.00	SITE DEMOLITION PLAN 3
KSPP-C-114.00	SITE DEMOLITION PLAN 4
KSPP-C-115.00	SITE DEMOLITION PLAN 5
KSPP-C-116.01	SITE DEMOLITION PLAN 6
KSPP-C-117.01	SITE DEMOLITION PLAN 7
KSPP-C-118.00	SITE DEMOLITION - VAD REMOVAL PLAN 1
KSPP-C-119.01	SITE DEMOLITION - VAD REMOVAL PLAN 2
KSPP-C-120.01	TREE CLEARING SCHEDULE PARTIAL PLAN 1
KSPP-C-121.00	TREE CLEARING SCHEDULE SHEET 2
KSPP-C-122.00	TREE CLEARING SCHEDULE SHEET 3
KSPP-C-123.00	TREE CLEARING SCHEDULE SHEET 4
KSPP-C-124.00	TREE CLEARING SCHEDULE PARTIAL PLAN 5
KSPP-C-125.00	TREE CLEARING TABLE SHEET 1
KSPP-C-126.00	TREE CLEARING TABLE SHEET 2
KSPP-C-127.00	TREE CLEARING TABLE SHEET 3
KSPP-C-128.00	TREE CLEARING TABLE SHEET 4
KSPP-C-129.00	TREE CLEARING TABLE SHEET 5
KSPP-C-130.00	TREE CLEARING TABLE SHEET 6
KSPP-C-131.00	TREE CLEARING TABLE SHEET 7
KSPP-C-132.00	TREE CLEARING TABLE SHEET 8
KSPP-C-133.00	TREE CLEARING TABLE SHEET 9
KSPP-C-134.00	TREE CLEARING TABLE SHEET 10
KSPP-C-135.00	TREE CLEARING TABLE SHEET 11
KSPP-C-136.00	TREE CLEARING TABLE SHEET 12
KSPP-C-137.00	TREE CLEARING TABLE SHEET 13
KSPP-C-138.00	TREE CLEARING TABLE SHEET 14
KSPP-C-139.00	TREE CLEARING TABLE SHEET 15
KSPP-C-140.02	CONSTRUCTION STAGING PLAN 1
KSPP-C-141.02	CONSTRUCTION STAGING PLAN 2
KSPP-C-142.01	CONSTRUCTION STAGING PLAN - SHAFT 1C STAGING AREA
KSPP-C-150.00	SOIL EROSION & SEDIMENT CONTROL PLAN
KSPP-C-151.02	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 1
KSPP-C-152.02	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 2
KSPP-C-153.02	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 3 SHEET 1
KSPP-C-154.01	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 3 SHEET 2

DRAWING No.	SHEET TITLE
KSPP-C-155.02	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 4
KSPP-C-156.00	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 5
KSPP-C-157.00	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 6
KSPP-C-158.00	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 7
KSPP-C-159.00	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE 8
KSPP-C-180.02	NEW SITE OVERALL PLAN
KSPP-C-181.01	NEW SITE PLAN 1
KSPP-C-182.02	NEW SITE PLAN 2
KSPP-C-183.01	NEW SITE PLAN 3
KSPP-C-184.00	NEW SITE PLAN 4
KSPP-C-185.01	NEW SITE PLAN 5
KSPP-C-186.01	NEW SITE PLAN 6
KSPP-C-187.00	NEW SITE PARTIAL PLAN 7
KSPP-C-188.00	NEW SITE OPERATIONS ENTRANCE PLAN
KSPP-C-189.00	NEW SITE ELECTRICAL BUILDING PLAN
KSPP-C-200.02	GRADING OVERALL PLAN
KSPP-C-201.01	GRADING PLAN SHEET 1
KSPP-C-202.02	GRADING SHEET 2
KSPP-C-203.00	GRADING PARTIAL PLAN 3
KSPP-C-204.00	GRADING PARTIAL PLAN 4
KSPP-C-205.01	GRADING PARTIAL PLAN 5
KSPP-C-206.01	GRADING PARTIAL PLAN 6
KSPP-C-207.00	GRADING PARTIAL PLAN 7
KSPP-C-208.00	GRADING OPERATIONS ENTRANCE PLAN
KSPP-C-209.00	GRADING ELECTRICAL BUILDING PLAN
KSPP-C-210.01	DRAINAGE OVERALL PLAN
KSPP-C-211.02	DRAINAGE PLAN 1
KSPP-C-212.01	DRAINAGE PLAN 2
KSPP-C-213.01	DRAINAGE PLAN 3
KSPP-C-214.00	DRAINAGE PLAN 4
KSPP-C-215.01	DRAINAGE PLAN 5
KSPP-C-216.02	DRAINAGE PLAN 6
KSPP-C-217.00	DRAINAGE PLAN 7
KSPP-C-218.00	DRAINAGE ELECTRICAL BUILDING PLAN
KSPP-C-219.01	DRAINAGE - MANHOLE CONNECTION DETAIL
KSPP-C-220.01	DRAINAGE PROFILE SHEET 1
KSPP-C-221.01	DRAINAGE PROFILE SHEET 2
KSPP-C-222.00	DRAINAGE PLAN AND PROFILE 4
KSPP-C-223.00	DRAINAGE PLAN AND PROFILE 5
KSPP-C-224.01	DRAINAGE PLAN AND PROFILE 6
KSPP-C-225.01	PARKING LOT GRADING AND DRAINAGE
KSPP-C-230.00	DRAINAGE SWALE PROFILES SHEET 1
KSPP-C-231.00	DRAINAGE SWALE PROFILES SHEET 2
KSPP-C-232.01	DRAINAGE SWALE PROFILES SHEET 3
KSPP-C-233.02	DRAINAGE SWALE PROFILES SHEET 4
KSPP-C-234.00	DRAINAGE SWALE PROFILES SHEET 5
KSPP-C-235.01	DRAINAGE SWALE PROFILES SHEET 6
KSPP-C-236.01	DRAINAGE SWALE PROFILES SHEET 7
KSPP-C-240.00	D109 TOWER RETAINING WALL PLAN
KSPP-C-241.00	D109 TOWER RETAINING WALL ELEVATION
KSPP-C-242.00	D109 TOWER RETAINING WALL SECTION
KSPP-C-243.00	D110 TOWER RETAINING WALL PLAN
KSPP-C-244.00	D110 TOWER RETAINING WALL ELEVATION
KSPP-C-245.00	D110 TOWER RETAINING WALL SECTION
KSPP-C-300.02	SITE UTILITY OVERALL PLAN
KSPP-C-301.00	SITE UTILITY PLAN 1
KSPP-C-302.00	SITE UTILITY PLAN 2
KSPP-C-303.01	SITE UTILITY PLAN 3
KSPP-C-304.01	SITE UTILITY PLAN 4
KSPP-C-305.00	SITE UTILITY PLAN 5
KSPP-C-308.00	OPERATIONS ENTRANCE PLAN
KSPP-C-309.00	ELECTRICAL BUILDING UTILITY PLAN
KSPP-C-311.00	LAKEVIEW AVENUE ENTRANCE UTILITY RELOCATION PLAN

DRAWING No.	SHEET TITLE
KSPP-C-320.01	UTILITY TRENCH PLAN AND PROFILE 1
KSPP-C-321.01	UTILITY TRENCH PLAN AND PROFILE 2
KSPP-C-322.00	UTILITY TRENCH PLAN AND PROFILE 3
KSPP-C-323.00	CATSKILL SANITARY LINE - PLAN AND PROFILE
KSPP-C-324.01	NEW CATSKILL WATER - PLAN AND PROFILE
KSPP-C-325.00	EXISTING COLUMBUS AVE CULVERT - PLAN AND PROFILE
KSPP-C-326.00	CHLORINE MANHOLE RELOCATION
KSPP-C-400.01	RELOCATED WESTLAKE DRIVE ROADWAY PLAN SHEET 1
KSPP-C-401.01	RELOCATED WESTLAKE DRIVE ROADWAY PLAN SHEET 2
KSPP-C-402.01	ROADWAY BASELINE DATA TABLES
KSPP-C-403.00	RELOCATED WESTLAKE DRIVE PROFILE SHEET 1
KSPP-C-404.00	RELOCATED WESTLAKE DRIVE PROFILE SHEET 2
KSPP-C-405.00	PROFILES OF AERATOR ROAD AND ACCESS RAMPS
KSPP-C-430.00	OPERATIONS ENTRANCE PLAN AND PROFILE
KSPP-C-431.00	SOUTH SCREEN CHAMBER ROAD PLAN AND PROFILE
KSPP-C-432.00	SCREEN CHAMBER ACCESS ROAD PLAN AND PROFILE
KSPP-C-433.00	NORTH SCREEN CHAMBER ROAD PLAN AND PROFILE
KSPP-C-450.00	CURB, SIDEWALK, AND RAMP DETAILS
KSPP-C-460.01	INTERSECTION PLANS, CURB TIES SHEET 1
KSPP-C-461.00	INTERSECTION PLANS, CURB TIES SHEET 2
KSPP-C-470.00	MAINTENANCE & PROTECTION OF TRAFFIC NOTES
KSPP-C-471.00	PHASE 1 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 1
KSPP-C-472.00	PHASE 1 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 2
KSPP-C-473.01	PHASE 1 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 3
KSPP-C-474.01	PHASE 1 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 4
KSPP-C-475.01	PHASE 2 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 1
KSPP-C-476.01	PHASE 2 - MAINTENANCE & PROTECTION OF TRAFFIC PLAN - SHEET 2
KSPP-C-477.00	ART PLAN FOR PIPE REPLACEMENT
KSPP-C-480.01	SIGNING AND STRIPING PLAN SHEET 1
KSPP-C-481.00	SIGNING AND STRIPING PLAN SHEET 2
KSPP-C-482.02	SIGNING AND STRIPING PLAN SHEET 3
KSPP-C-485.01	SIGNING AND STRIPING PLAN SHEET 4
KSPP-C-486.01	SIGNING AND STRIPING PLAN SHEET 5
KSPP-C-531.00	HORIZONTAL CONTROLS PLAN 1
KSPP-C-532.00	HORIZONTAL CONTROLS PLAN 2
KSPP-C-533.01	HORIZONTAL CONTROLS PLAN 3
KSPP-C-534.01	HORIZONTAL CONTROLS PLAN 4
KSPP-C-535.00	HORIZONTAL CONTROLS PLAN 5
KSPP-C-538.00	HORIZONTAL CONTROLS - OPERATION'S ENTRANCE PLAN
KSPP-C-539.00	HORIZONTAL CONTROLS - ELECTRICAL BUILDING PLAN
KSPP-C-540.00	HORIZONTAL CONTROLS - RWLD POND PLAN
KSPP-C-541.00	HORIZONTAL CONTROLS - CATSKILL POND PLAN
KSPP-C-542.00	HORIZONTAL CONTROLS - DELAWARE POND PLAN
KSPP-C-543.01	HORIZONTAL CONTROLS - TABLE
KSPP-C-600.01	CROSS SECTIONS SHEET 1
KSPP-C-601.00	EARTHWORK CROSS SECTION 1
KSPP-C-602.00	EARTHWORK CROSS SECTION 2
KSPP-C-603.00	EARTHWORK CROSS SECTION 3
KSPP-C-604.00	EARTHWORK CROSS SECTION 4
KSPP-C-605.00	EARTHWORK CROSS SECTION 5
KSPP-C-606.00	EARTHWORK CROSS SECTION 4
KSPP-C-607.00	ROADWAY CROSS SECTIONS SHEET 1
KSPP-C-608.00	ROADWAY CROSS SECTIONS SHEET 2
KSPP-C-609.00	SITE CROSS SECTIONS
KSPP-C-702.01	SITE DETAILS 1
KSPP-C-703.01	SITE DETAILS 2
KSPP-C-704.01	SITE DETAILS 3
KSPP-C-705.00	SITE DETAILS 4
KSPP-C-706.00	SITE DETAILS 5
KSPP-C-707.00	SITE DETAILS 6
KSPP-C-708.00	SITE DETAILS 7
KSPP-C-709.00	SITE DETAILS 8
KSPP-C-710.00	EROSION & SEDIMENT CONTROL DETAILS 1

DRAWING No.	SHEET TITLE
KSPP-C-711.01	EROSION & SEDIMENT CONTROL DETAILS 2
KSPP-C-712.00	EROSION & SEDIMENT CONTROL DETAILS 3
KSPP-C-715.00	EROSION & SEDIMENT CONTROL DETAILS 4
KSPP-C-716.00	EROSION & SEDIMENT CONTROL DETAILS 5
KSPP-C-717.00	EROSION & SEDIMENT CONTROL DETAILS 6
KSPP-C-718.01	EROSION & SEDIMENT CONTROL DETAILS 7
KSPP-C-720.00	DRAINAGE DETAILS 1
KSPP-C-721.00	DRAINAGE DETAILS 2
KSPP-C-725.01	DRAINAGE DETAILS 3
KSPP-C-726.00	DRAINAGE DETAILS 4
KSPP-C-727.00	DRAINAGE DETAILS 5
KSPP-C-728.01	DRAINAGE DETAILS 6
KSPP-C-730.01	DRAINAGE RWLD POND - ENLARGED PLAN
KSPP-C-731.01	DRAINAGE RWLD POND - PROFILE AND DETAILS
KSPP-C-732.01	DRAINAGE CATSKILL POND - ENLARGED PLAN
KSPP-C-733.00	DRAINAGE CATSKILL POND - PROFILE AND DETAILS
KSPP-C-734.01	DRAINAGE DELAWARE POND - ENLARGED PLAN
KSPP-C-735.00	DRAINAGE DELAWARE POND - PROFILE AND DETAILS
KSPP-C-736.00	DRAINAGE POND DETAILS
KSPP-C-740.01	ROADWAY DETAILS SHEET 1
KSPP-C-741.00	ROADWAY DETAILS SHEET 2
KSPP-C-745.00	SIDEWALK PAVEMENT SHEET 1
KSPP-C-748.00	SIGN TEXT DATA DETAILS SHEET 1
KSPP-C-749.00	TEMPORARY TRAFFIC CONTROL SIGNS AND DETAILS
KSPP-C-750.00	TEMPORARY TRAFFIC CONTROL DETAILS
KSPP-C-760.00	UTILITY DETAILS SHEET 1
KSPP-C-762.00	UTILITY DETAILS SHEET 2
KSPP-C-763.00	UTILITY DETAILS SHEET 3
KSPP-C-764.00	DRAINAGE CULVERT - PLAN AND PROFILE 1
KSPP-C-765.00	DRAINAGE CULVERT - PLAN AND PROFILE 2
KSPP-C-766.00	DRAINAGE CULVERT - PLAN AND PROFILE 3
KSPP-C-770.00	CON ED TOWER RETAINING WALL REINFORCEMENT DETAIL
KSPP-C-780.00	DRAINAGE OUTLET STRUCTURAL NOTES 1
KSPP-C-781.00	DRAINAGE OUTLET STRUCTURAL NOTES 2
KSPP-C-782.00	DRAINAGE OUTLET TYPICAL CONCRETE REINFORCING NOTES
KSPP-C-783.00	DRAINAGE OUTLET TYPICAL DETAILS
KSPP-C-784.00	DRAINAGE OUTLET TYPICAL PLANS
KSPP-C-785.00	DRAINAGE OUTLET TYPICAL SECTIONS 1
KSPP-C-786.00	DRAINAGE OUTLET TYPICAL SECTIONS 2
KSPP-C-787.00	DRAINAGE OUTLET RWLD POND SECTIONS 1
KSPP-C-788.00	DRAINAGE OUTLET RWLD POND SECTIONS 2
KSPP-C-789.00	DRAINAGE OUTLET TYPICAL 3D VIEWS



NAVIGATIONAL
AVIATION
DESIGN

GRAPHIC SCALES
CHECK BEFORE USE

ADDENDUM NO. 2

DATE ISSUED: 07/2023

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


VERTICAL DATUM
CONVERSION (ft)
+1.28 - BWS
0 - NAVD88

DRAWING No.	SHEET TITLE
	ARCHITECTURAL
KSEB-A-001.00	ABBREVIATIONS & SYMBOLS
KSEB-A-002.00	ZONING ANALYSIS
KSEB-A-003.00	NEW YORK STATE BUILDING CODE
KSEB-A-004.00	NEW YOR STATE ENERGY CODE
KSEB-A-005.00	GENERAL NOTES
KSEB-A-100.00	SITE PLAN
KSEB-A-101.00	FLOOR PLAN
KSEB-A-102.00	WINDOW PLAN
KSEB-A-103.00	ROOF PLAN
KSEB-A-104.00	ENLARGED PLANS
KSEB-A-200.00	ELEVATIONS 1
KSEB-A-201.00	ELEVATIONS 2
KSEB-A-202.00	EYEWASH ENCLOSURE ELEVATIONS
KSEB-A-300.00	SECTION 1
KSEB-A-301.00	SECTION 2
KSEB-A-400.00	WALL SECTIONS 1
KSEB-A-401.00	WALL SECTIONS 2
KSEB-A-402.00	WALL SECTIONS 3
KSEB-A-403.00	WALL SECTIONS 4
KSEB-A-404.00	WALL SECTIONS 5
KSEB-A-500.01	TYP. WALL (PLAN) DETAILS
KSEB-A-501.00	TYP. WALL (SECTION) DETAILS
KSEB-A-502.00	SLIDING DOOR DETAILS 1
KSEB-A-503.00	SLIDING DOOR DETAILS 2
KSEB-A-504.00	SLIDING DOOR MOTOR DETAILS
KSEB-A-505.00	WINDOW DETAILS
KSEB-A-506.00	DOOR DETAILS
KSEB-A-507.00	WINDOW/DOOR/LOUVER DETAILS
KSEB-A-508.00	ROOF DRAINAGE DETAILS 1
KSEB-A-509.00	ROOF DRAINAGE DETAILS 2
KSEB-A-510.00	PARAPET DETAILS 1
KSEB-A-511.00	PARAPET DETAILS 2
KSEB-A-512.00	BUILDING CORNER/CORNICE/COPING DETAILS
KSEB-A-513.00	ROOF & ROOF MOUNTING DETAILS
KSEB-A-514.00	ROOF PENETRATION AND MOUNTING DETAILS 1
KSEB-A-515.00	ROOF PENETRATION AND MOUNTING DETAILS 2
KSEB-A-516.00	ROOF PENETRATION AND MOUNTING DETAILS 3
KSEB-A-517.00	ROOF ACCESS DETAILS
KSEB-A-518.00	INTERIOR WALL DETAILS
KSEB-A-519.00	SPIRAL STAIR ENCLOSURE DETAILS
KSEB-A-520.00	GFRC MOUNTING DETAILS
KSEB-A-521.00	EYEWASH ENCLOSURE DETAILS 1
KSEB-A-522.00	EYEWASH ENCLOSURE DETAILS 2
KSEB-A-523.00	EYEWASH ENCLOSURE DETAILS 3
KSEB-A-600.01	DOOR SCHEDULE & DETAILS
KSEB-A-601.01	WINDOW, LOUVER, & FINISH SCHEDULES
KSEB-A-602.00	SIGN SCHEDULE
	STRUCTURAL
KSEB-S-001.01	CODES, STANDARDS, AND GENERAL NOTES
KSEB-S-002.00	CONCRETE AND PRECAST GENERAL NOTES
KSEB-S-003.00	STEEL, ANCHORAGE, AND MASONRY NOTES
KSEB-S-004.00	ELEMENTS DESIGNED BY CONTRACTOR NOTES
KSEB-S-005.00	SPECIAL INSPECTION AND TEST REQUIREMENTS
KSEB-S-006.00	ABBREVIATIONS AND SYMBOLS
KSEB-S-010.00	LOADING CRITERIA
KSEB-S-011.00	SNOW AND WIND LOADING CRITERIA
KSEB-S-012.00	WIND COMPONENTS & CLADDING LOADS
KSEB-S-013.00	SPIRAL STAIR LOADING CRITERIA
KSEB-S-014.00	PRECAST PRESTRESSED BEAM LOADINGS 1 OF 3
KSEB-S-015.00	PRECAST PRESTRESSED BEAM LOADINGS 2 OF 3
KSEB-S-016.00	PRECAST PRESTRESSED BEAM LOADINGS 3 OF 3
KSEB-S-100.00	OVERALL FLOOR PLAN OF ELECTRICAL BUILDING
KSEB-S-101.00	OVERALL FLOOR PLAN OF ELECTRICAL PADS
KSEB-S-102.00	ENLARGED FOUNDATION PLAN
KSEB-S-103.00	ENLARGED ELECTRICAL BUILDING FLOOR

DRAWING No.	SHEET TITLE
KSEB-S-104.00	ENLARGED GENERATOR PAD STAIR PLAN
KSEB-S-105.00	EQUIPMENT PAD LAYOUT PLAN
KSEB-S-110.00	OVERALL ROOF PLAN OF ELECTRICAL BUILDING
KSEB-S-111.00	ENLARGED ROOF PLAN OF ELECTRICAL BUILDING
KSEB-S-112.00	ROOF TOPPING SLAB REINFORCEMENT LAYOUT
KSEB-S-113.00	ENLARGED ROOFING PENETRATION PLAN
KSEB-S-114.00	ENLARGED ROOF UNDERSLAB EMBEDMENT PLAN
KSEB-S-115.00	ROOF TOP STEEL DUNNAGE FRAMING PLAN
KSEB-S-116.00	ROOF TOP STEEL DUNNAGE ACCESS PLAN
KSEB-S-120.00	SPIRAL STAIR TOWER PLANS
KSEB-S-121.00	SPIRAL STAIR TOWER PLAN (CONTINUED)
KSEB-S-201.00	NORTH AND SOUTH WALL ELEVATION
KSEB-S-202.00	NORTH WALL FACADE ELEVATION
KSEB-S-203.00	NORTH WALL CONNECTION ELEVATION
KSEB-S-204.00	NORTH PARAPET -INNER FACE ELEVATION
KSEB-S-205.00	SOUTH WALL FACADE ELEVATION
KSEB-S-206.00	SOUTH WALL CONNECTION ELEVATION
KSEB-S-207.00	SOUTH PARAPET -INNER FACE ELEVATION
KSEB-S-208.00	INTERIOR WALL ELEVATION
KSEB-S-209.00	WEST WALL ELEVATION
KSEB-S-210.00	WEST WALL FACADE PARTIAL ELEVATION (NORTH)
KSEB-S-211.00	WEST WALL CONNECTION PARTIAL ELEVATION (NORTH)
KSEB-S-212.00	WEST WALL FACADE PARTIAL ELEVATION (SOUTH)
KSEB-S-213.00	WEST WALL CONNECTION PARTIAL ELEVATION (SOUTH)
KSEB-S-214.00	WEST PARAPET INNER FACE (LOOKING WEST)
KSEB-S-215.00	EAST WALL ELEVATION
KSEB-S-216.00	EAST WALL FACADE PARTIAL ELEVATION (SOUTH)
KSEB-S-217.00	EAST WALL EAST WALL CONNECTION PARTIAL ELEVATION
KSEB-S-218.00	EAST WALL FACADE PARTIAL ELEVATION (NORTH)
KSEB-S-219.00	EAST WALL CONNECTION PARTIAL ELEVATION (NORTH)
KSEB-S-220.00	EAST PARAPET INNER FACE (LOOKING EAST)
KSEB-S-221.00	TYPICAL BUILDING SECTION (LOOKING NORTH)
KSEB-S-222.00	THROUGH BUILDING (LOOKING EAST) (NORTH)
KSEB-S-223.00	THROUGH BUILDING (LOOKING EAST) (SOUTH)
KSEB-S-224.00	GENERATOR PAD STAIR ELEVATION
KSEB-S-225.00	SLIDING DOOR FRAMING ELEVATION
KSEB-S-230.00	SPIRAL STAIR TOWER FRAMING ELEVATION
KSEB-S-231.00	SPIRAL STAIR TOWER FRAMING ELEVATION (CONTINUED)
KSEB-S-232.00	SPIRAL STAIR ELEVATION
KSEB-S-301.00	CONCRETE NOTES, TABLES, AND DETAILS
KSEB-S-302.00	TYPICAL GENERAL CONCRETE DETAILS
KSEB-S-303.00	TYPICAL EXTERIOR S.O.G. CONCRETE DETAILS
KSEB-S-304.00	TYPICAL CONCRETE DETAILS 1
KSEB-S-305.00	TYPICAL CONCRETE DETAILS 2
KSEB-S-306.00	TYPICAL CONCRETE DETAILS 3
KSEB-S-307.00	TYPICAL CONCRETE DETAILS 4
KSEB-S-308.00	TYPICAL CONCRETE DETAILS 5
KSEB-S-309.00	TYPICAL CONCRETE DETAILS 6
KSEB-S-310.00	TYPICAL CONCRETE DETAILS 7
KSEB-S-311.00	TYPICAL CONCRETE DETAILS 8
KSEB-S-312.00	TYPICAL CONCRETE DETAILS 9
KSEB-S-313.00	TYPICAL SLIDING DOOR SUPPORT DETAILS 1
KSEB-S-314.00	TYPICAL SLIDING DOOR SUPPORT DETAILS 2
KSEB-S-315.00	PRECAST STRUCTURAL WALL BRACING DETAILS
KSEB-S-316.00	PRECAST PRESTRESSED SLAB CONN. DETAILS
KSEB-S-317.00	CONCRETE WALL WITH CORBEL DETAILS
KSEB-S-318.00	PRESTRESSED SLAB AND BEAM DETAILS
KSEB-S-319.00	PRESTRESSED SLAB CONN. DETAILS
KSEB-S-320.00	PRECAST CONCRETE WALL OPENING DETAILS
KSEB-S-321.00	CONCRETE STRUCTURAL WALL DETAILS 1
KSEB-S-322.00	CONCRETE STRUCTURAL WALL DETAILS 2
KSEB-S-323.00	WALL & HEADER REINFORCEMENT DETAILS
KSEB-S-324.00	WALL & HEADER CONNECTION SYMBOL LEGEND
KSEB-S-325.00	WALL REINFORCEMENT SCHEDULE
KSEB-S-326.00	CMU WALL WITH PRECAST DETAILS 1
KSEB-S-327.00	CMU WALL WITH PRECAST DETAILS 2

Drawing No.	Sheet Title
KSEB-S-328.00	TYPICAL DUNNAGE RAILING DETAILS 1
KSEB-S-329.00	DUNNAGE SWING GATE DETAILS
KSEB-S-330.00	TYPICAL DUNNAGE LADDER DETAILS
KSEB-S-331.00	TYPICAL ROOF DUNNAGE DETAILS 1
KSEB-S-332.00	TYPICAL ROOF DUNNAGE DETAILS 2
KSEB-S-333.00	TYPICAL ROOF DUNNAGE DETAILS 3
KSEB-S-334.00	TYPICAL ROOF DUNNAGE DETAILS 4
KSEB-S-335.00	TYPICAL ROOF DUNNAGE DETAILS 5
KSEB-S-336.00	TYPICAL ROOF DUNNAGE DETAILS 6
KSEB-S-337.00	TYPICAL ROOF DUNNAGE DETAILS 7
KSEB-S-338.00	STEEL DUNNAGE CONNECTION DETAILS
KSEB-S-339.00	ROOF SLAB DETAILS AT COLLECTION DRAIN
KSEB-S-340.00	ROOF BEAM & PILASTER DETAILS
KSEB-S-341.00	HUNG MEP SUPPORT DETAILS 1
KSEB-S-342.00	HUNG MEP SUPPORT DETAILS 2
KSEB-S-343.00	HUNG MEP SUPPORT DETAILS 3
KSEB-S-344.00	REMOVABLE GRATING WALKWAY DETAILS
KSEB-S-345.00	ROOFTOP DAVIT DETAILS 1
KSEB-S-346.00	ROOFTOP DAVIT DETAILS 2
KSEB-S-347.00	ROOFTOP DAVIT DETAILS 3
KSEB-S-348.00	DUNNAGE 2 RAILING DETAIL AT CORNICE
KSEB-S-349.00	GRATING WALKWAY DETAIL AT SPIRAL STAIR
KSEB-S-350.00	TYPICAL ROOF STUB DETAILS
KSEB-S-351.00	TYPICAL ROOFTOP MEP SUPPORT DETAILS 1
KSEB-S-352.00	TYPICAL ROOFTOP MEP SUPPORT DETAILS 2
KSEB-S-360.00	KENSICO SITE ELECTRICAL HOUSE PAD
KSEB-S-361.00	ENLARGED EYE WASH ENCLOSURE PLANS
KSEB-S-362.00	EYE WASH ENCLOSURE ELEVATIONS
KSEB-S-401.00	TYPICAL STAIR DETAILS 1
KSEB-S-402.00	TYPICAL STAIR DETAILS 2
KSEB-S-403.00	TYPICAL STAIR DETAILS 3
KSEB-S-405.00	TYPICAL GRATING AND MISCELLANEOUS DETAILS
KSEB-S-410.00	SPIRAL STAIR DETAILS 1
KSEB-S-411.00	SPIRAL STAIR DETAILS 2
KSEB-S-412.00	SPIRAL STAIR DETAILS 3
KSEB-S-413.00	SPIRAL STAIR DETAILS 4
KSEB-S-414.00	SPIRAL STAIR DETAILS 5
KSEB-S-415.00	SPIRAL STAIR DETAILS 6
KSEB-S-416.00	SPIRAL STAIR DETAILS 7
KSEB-S-417.00	SPIRAL STAIR DETAILS 8
KSEB-S-418.00	SPIRAL STAIR DETAILS 9
KSEB-S-419.00	SPIRAL STAIR DETAILS 10
KSEB-S-450.00	STEEL BEAM SHEAR CONNECTION TABLE NOTES
KSEB-S-451.00	STEEL BEAM SHEAR CONNECTION DETAILS 1
KSEB-S-452.00	STEEL BEAM SHEAR CONNECTION DETAILS 2
KSEB-S-453.00	STEEL BEAM SHEAR CONNECTION DETAILS 3
KSEB-S-454.00	STEEL BEAM SHEAR CONNECTION DETAILS 4
KSEB-S-455.00	STEEL BEAM SHEAR CONNECTION DETAILS 5 OF 5
KSEB-S-501.00	TYP. NON-LOAD BEARING MASONRY DETAILS 1
KSEB-S-502.00	TYP. NON-LOAD BEARING MASONRY DETAILS 2
KSEB-S-503.00	TYP. NON-LOAD BEARING MASONRY DETAILS 3
KSEB-S-504.00	TYP. NON-LOAD BEARING MASONRY DETAILS 4
KSEB-S-505.00	TYP. NON-LOAD BEARING MASONRY DETAILS 5
KSEB-S-510.00	TYPICAL FACADE SUPPORT DETAILS 1
KSEB-S-511.00	TYPICAL FACADE SUPPORT DETAILS 2
KSEB-S-512.00	TYPICAL FACADE SUPPORT DETAILS 3
KSEB-S-513.00	TYPICAL FACADE SUPPORT DETAILS 4
KSEB-S-514.00	TYPICAL FACADE SUPPORT DETAILS 5
KSEB-S-515.00	TYPICAL FACADE SUPPORT DETAILS 6
KSEB-S-516.00	EYE WASH ENCLOSURE DETAILS 1 OF 5
KSEB-S-517.00	EYE WASH ENCLOSURE DETAILS 2 OF 5
KSEB-S-518.00	EYE WASH ENCLOSURE DETAILS 3 OF 5
KSEB-S-519.00	EYE WASH ENCLOSURE DETAILS 4 OF 5
KSEB-S-520.00	EYE WASH ENCLOSURE DETAILS 5 OF 5
KSEB-S-900.00	KENSICO SITE ELECTRICAL BUILDING OVERALL
KSEB-S-901.00	EAST WALL 3D VIEW

DRAWING No.	SHEET TITLE
KSEB-S-902.00	NORTH WALL 3D VIEW
KSEB-S-903.00	SLAB 3D VIEW
KSEB-S-904.00	NON-LOAD BEARING CMU WALL CONNECTION
KSEB-S-905.00	ROOF STEEL DUNNAGE 3D VIEW
KSEB-S-906.00	SPIRAL STAIR 3D VIEW
KSEB-S-907.00	SPIRAL STAIR PLATFORM 3D VIEW (WEST SIDE)
KSEB-S-908.00	SPIRAL STAIR PLATFORM 3D VIEW (EAST SIDE)
KSEB-S-909.00	STAIR INNER PLATFORM SUPPORT 3D VIEW
HVAC	
KSEB-H-001.00	SYMBOLS AND ABBREVIATIONS
KSEB-H-002.00	GENERAL NOTES
KSEB-H-003.00	EQUIPMENT SCHEDULES 1
KSEB-H-004.00	EQUIPMENT SCHEDULES 2
KSEB-H-301.00	SINGLE LINE DIAGRAMS
KSEB-H-401.00	FLOOR PLAN
KSEB-H-402.00	ROOF PLAN
KSEB-H-701.00	SECTIONS 1
KSEB-H-702.00	SECTIONS 2
KSEB-H-703.00	SECTIONS 3
KSEB-H-801.00	HVAC DETAILS 1
KSEB-H-802.00	HVAC DETAILS 2
KSEB-H-901.00	CONTROLS SYMBOLS AND ABBREVIATIONS
KSEB-H-902.00	CONTROLS DIAGRAMS 1
KSEB-H-903.00	CONTROLS DIAGRAMS 2
KSEB-H-904.00	CONTROLS DIAGRAMS 3
KSEB-H-905.00	CONTROLS DETAILS 1
KSEB-H-906.00	CONTROLS DETAILS 2
KSEB-H-907.00	CONTROLS DETAILS 3
KSEB-H-908.00	CONTROLS DETAILS 4

 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft)
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	+1.28 BWS 0 NAVD88

				DESIGNED BY:
				ABA
				CHECKED BY:
				AD
				DESIGN LEAD:
1	07/2023	ADDENDUM 2	VL	VINCENT LEE, PE
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	SECTION MANAGER:

DRAWN BY: EF			ACCOUNTABLE MANAGER JUSTIN RIVELLINO
			PORTFOLIO MANAGER LAUREN D'ATTILE, PE
			DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

"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."

**NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dep**

<p align="center">CONTRACT KENS-EAST-2</p> <p align="center">KENSICO SITE PREPARATION</p> <p align="center">DRAWING INDEX</p>	DATE: JULY 2023
	SCALE: AS NOTED
	SHEET NO:
	<p>DRAWING NO.</p> <p>KEC2-G-003.01</p>

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

Last Saved By: julian.safar Last Date Saved: 7/28/2023 5:28 PM Date & Time Plotted: 7/28/2023 5:29 PM
Paper Size: Printed/Plotted (34.00 x 22.00 inches) Plot Scale: 1:1
Drawing File Name & Drive Location: (command "zoom" "E") Plot Style Table: BEDC_Acad(N).ctb

DRAWING No.		SHEET TITLE	
PLUMBING			
KSEB-P-001.01		SYMBOL LIST, NOTES, LEGENDS & SCHEDULES	
KSEB-P-401.01		FLOOR PLAN	
KSEB-P-501.01		ENLARGED PLANS & RISERS	
KSEB-P-801.01		DETAILS	
FIRE PROTECTION			
KSEB-FP-001.00		SYMBOL LIST, NOTES, LEGENDS & SCHEDULES	
KSEB-FP-401.00		FLOOR PLAN OPERATING FLOOR	
KSEB-FP-801.00		TYPICAL DETAILS 1	
KSEB-FP-802.00		TYPICAL DETAILS 2	
ELECTRICAL			
KSEB-E-001.00		GENERAL NOTES, LEGENDS & ABBREVIATIONS 1	
KSEB-E-002.00		GENERAL NOTES, LEGENDS & ABBREVIATIONS 2	
KSEB-E-100.00		OVERALL SITE PLAN	
KSEB-E-101.01		SITE PLAN 1	
KSEB-E-102.00		SITE PLAN 2	
KSEB-E-103.01		SITE PLAN 3	
KSEB-E-104.00		SITE PLAN 4	
KSEB-E-105.00		SITE PLAN 5	
KSEB-E-106.00		SITE PLAN 6	
KSEB-E-107.00		SITE PLAN 7	
KSEB-E-120.00		GROUNDING SITE PLAN	
KSEB-E-300.00		OVERALL ONE LINE DIAGRAM	
KSEB-E-301.00		ONE LINE DIAGRAM 1 ONE LINE DIAGRAM 1	
KSEB-E-302.00		ONE LINE DIAGRAM 2	
KSEB-E-303.00		ONE LINE DIAGRAM 3	
KSEB-E-304.00		ONE LINE DIAGRAM 4	
KSEB-E-305.00		ONE LINE DIAGRAM 5	
KSEB-E-306.00		ONE LINE DIAGRAM 6	
KSEB-E-310.00		EQUIPMENT ELEVATION 1	
KSEB-E-311.00		EQUIPMENT ELEVATION 2	
KSEB-E-320.00		BREAKER CONTROL SCHEMATIC 1	
KSEB-E-321.00		BREAKER CONTROL SCHEMATIC 2	
KSEB-E-322.00		BREAKER CONTROL SCHEMATIC 3	
KSEB-E-323.00		BREAKER CONTROL SCHEMATIC 4	
KSEB-E-324.00		BREAKER CONTROL SCHEMATIC 5	
KSEB-E-325.00		BREAKER CONTROL SCHEMATIC 6	
KSEB-E-326.00		BREAKER CONTROL SCHEMATIC 7	
KSEB-E-327.00		BREAKER CONTROL SCHEMATIC 8	
KSEB-E-328.00		BREAKER CONTROL SCHEMATIC 9	
KSEB-E-329.00		BREAKER CONTROL SCHEMATIC 10	
KSEB-E-400.00		GROUND LEVEL -LIGHTING PLAN	
KSEB-E-401.00		ENLARGED LIGHTING PLAN	
KSEB-E-402.00		LIGHTING PLAN - ELEC. EQUIPMENT AND PARKING	
KSEB-E-420.00		RELOCATED WESTLAKE DRIVE SITE LIGHTING PLAN	
KSEB-E-500.00		GROUND LEVEL -POWER PLAN	
KSEB-E-501.00		ROOF LEVEL -POWER PLAN	
KSEB-E-505.00		GROUNDING PLAN	
KSEB-E-506.00		LIGHTNING PROTECTION PLAN	
KSEB-E-507.00		PV PANEL LAYOUT & BLOCK DIAGRAM	
KSEB-E-510.00		POWER PLAN - EOH HEADQUARTERS	
KSEB-E-520.00		POWER PLAN - LEC	
KSEB-E-530.00		POWER PLAN - WATERFOWL BUILDING	
KSEB-E-600.00		NETWORK BLOCK DIAGRAM	
KSEB-E-615.00		BLOCK DIAGRAM	
KSEB-E-700.00		ELECTRICAL DUCTBANK DETAILS 1	
KSEB-E-701.00		ELECTRICAL DUCTBANK DETAILS 2	
KSEB-E-800.00		ELECTRICAL DETAILS 1	
KSEB-E-801.00		ELECTRICAL DETAILS 2	
KSEB-E-802.00		ELECTRICAL DETAILS 3	
KSEB-E-810.00		ELECTRICAL DETAILS	
KSEB-E-900.00		LIGHT FIXTURE SCHEDULE	
KSEB-E-901.00		PANEL SCHEDULE -1	
KSEB-E-902.00		PANEL SCHEDULE -2	
KSEB-E-902.00		PANEL SCHEDULE -3	

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

2

2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

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DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
KSEB-E-913.00		CABLE AND CONDUIT SCHEDULE 3	
FIRE ALARM			
KSEB-FA-001.00		SYMBOLS, ABBREVIATIONS & GENERAL NOTES	
KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
SECURITY			
KSPP-SE-001.00		GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	
KSPP-SE-138.00		TEMP SHAFT 18 ENTRANCE SITE PLAN	
KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
KSEB-L-002.00		LANDSCAPE ABBREVIATIONS	
KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	
KSEB-L-104.00		LANDSCAPE PLAN - SHEET 4	
KSEB-L-105.01		LANDSCAPE PLAN - SHEET 5	
KSEB-L-500.00		LANDSCAPE PLANTING DETAILS	

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2

DRAWING No.		SHEET TITLE	
KSEB-E-910.00		CABLE AND CONDUIT SCHEDULE 1	
KSEB-E-911.00		CABLE AND CONDUIT SCHEDULE 2	
KSEB-E-912.00		CABLE AND CONDUIT SCHEDULE 3	
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KSEB-FA-002.00		GENERAL NOTES	
KSEB-FA-301.00		RISER DIAGRAM & MATRIX	
KSEB-FA-601.00		GROUND FLOOR PLAN	
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KSPP-SE-300.00		SYSTEM ARCHITECTURE DIAGRAM	
KSPP-SE-700.00		SCHEDULES SHEET 1	
KSPP-SE-801.00		DETAILS SHEET 1	
KSPP-SE-802.00		DETAILS SHEET 2	
KSPP-SE-803.00		DETAILS SHEET 3	
KSEB-SE-401.00		GROUND FLOOR PLAN	
KSEB-SE-402.00		RACK ELEVATIONS	
LANDSCAPING			
KSEB-L-001.00		LANDSCAPE NOTES	
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KSEB-L-100.00		LANDSCAPE OVERALL SITE PLAN	
KSEB-L-101.01		LANDSCAPE PLAN - SHEET 1	
KSEB-L-102.00		LANDSCAPE PLAN - SHEET 2	
KSEB-L-103.00		LANDSCAPE PLAN - SHEET 3	

BIM 360://Kensico-Eastview Connector (KEC)/KEC2-GS_MODEL_IHD.rvt

7/25/2023 9:19:39 AM

CODES AND STANDARDS SUMMARY:

1. 2020 BUILDING CODE OF NEW YORK STATE (NYSBC), WHICH IS BASED ON THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC), EXCEPT WHERE THE CONTRACT DOCUMENTS ARE MORE RESTRICTIVE.
2. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16, AS MODIFIED BY THE 2020 BUILDING CODE OF NEW YORK STATE.
3. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY, AMERICAN CONCRETE INSTITUTE, ACI 318-14.
4. SPECIFICATIONS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE, ACI SPEC-301-16.
5. GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS, AMERICAN CONCRETE INSTITUTE, ACI 315R-18.
6. ACI DETAILING MANUAL, AMERICAN CONCRETE INSTITUTE, ACI, MNL-66, 2020.
7. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 360-16. LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD, U.O.N.
8. MANUAL OF STEEL CONSTRUCTION, 15TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC. LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD, U.O.N.
9. SPECIFICATION FOR STRUCTURAL STAINLESS STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 370-21.
10. SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC), AISC 348, 2014.
11. AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE (AWS):

A. D1.1 STEEL (2015)

B. D1.3 SHEET STEEL (2018)

C. D1.4 REINFORCING STEEL (2018)

D. D1.6 STAINLESS STEEL (2017)
12. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC DESIGN GUIDE SERIES NO. 27: STRUCTURAL STAINLESS STEEL, 2ND EDITION, 2022.
13. OCCUPATIONAL SAFETY AND HEALTH ACT, OSHA (STANDARDS-29CFR).
14. DEP, BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION, ENVIRONMENTAL HEALTH AND SAFETY, EH&S POLICIES, STANDARDS, AND GUIDELINES.

GENERAL NOTES

1. THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. IN CASE OF CONFLICT BETWEEN THESE NOTES, DRAWINGS, OR SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF THIS CONFLICT AND CONTINUE WITH THE WORK AFTER THE CONFLICT IS RESOLVED BY THE ENGINEER.
2. ALL EXISTING CONDITIONS (I.E. UNDERGROUND UTILITY PIPES, EXISTING STRUCTURES, CONDUITS, ETC.) SHOWN ON THE DRAWINGS ARE FROM KNOWN AVAILABLE RECORDS AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF UTILITIES OR EXISTING STRUCTURES CONCERNED BEFORE STARTING WORK. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE ENGINEER SHALL BE ALERTED IF ANY KNOWN OR UNKNOWN UTILITY IS EXPOSED AND REQUIRES SUPPORT BEFORE PROCEEDING WITH THE WORK. ANY AND ALL RE-ROUTING OF ANY EXISTING UTILITY PIPING, CONDUITS, ETC. KNOWN OR UNKNOWN THAT NEED TO OCCUR SHALL BE COORDINATED AT NO COST TO THE CITY.
3. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF EXISTING CONDITIONS VARY SIGNIFICANTLY FROM THAT SHOWN ON THE CONTRACT DOCUMENTS.
4. FOR DETAILED SCOPE OF WORK AND GENERAL CONDITIONS, REFER TO THE CONTRACT SPECIFICATIONS. THE CONTRACTOR SHALL PERFORM ALL INCIDENTAL WORK REQUIRED, AS INTENDED AND DIRECTED BY THE ENGINEER FOR THE COMPLETION OF THE CONTRACT WITHOUT ADDITIONAL COST TO THE CITY.
5. THE CONTRACTOR IS ALERTED TO THE POSSIBLE PRESENCE OF EXISTING UNDERGROUND STRUCTURES, UTILITIES, AND/OR EARTH RETAINING SYSTEMS THAT HAVE BEEN ABANDONED IN THE VICINITY OF THE WORK AREA. ANY ADDITIONAL WORK THAT MAY BE REQUIRED BY THE CONTRACTOR TO PERFORM CONTRACT WORK DUE TO THE PRESENCE OF SAID STRUCTURES SHALL BE AT THE CONTRACTOR'S EXPENSE WITH NO ADDITIONAL COST TO THE CITY.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING STRUCTURE DIMENSIONS AND INFORMATION AS REQUIRED FOR NEW WORK.
7. STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH DRAWINGS OF ALL OTHER DISCIPLINES AND SHOP DRAWINGS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXAMINE SAID DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF ANY WORK REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS. ANY CONFLICTS BETWEEN THESE WORK REQUIREMENTS AND THE STRUCTURAL WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION. SAID WORK REQUIREMENTS SHALL THEN BE INCORPORATED INTO THE STRUCTURAL WORK. WORK REQUIREMENTS MAY INCLUDE BUT ARE NOT LIMITED TO EQUIPMENT, OPENINGS, SLEEVES, ANCHOR RODS, INSERTS, AND OTHER EMBEDDED ITEMS AND UNDERGROUND INSTALLATIONS. ALL ANCHOR PATTERNS SHALL BE TEMPLATED TO ENSURE ACCURACY OF PLACEMENT.
8. FOR ELECTRICAL CONDUIT PENETRATIONS, EMBEDMENT, AND CLEARANCES THE CONTRACTOR SHALL:

a. PROVIDE A MINIMUM OF 2" CLEAR BETWEEN CONDUITS

b. PROVIDE A MINIMUM OF 1" CLEAR BETWEEN CONDUITS AND REINFORCEMENT BARS

c. LOCATE ALL EXISTING REINFORCEMENT BARS BY USE OF GROUND PENETRATING RADAR (GPR) OR OTHER SUITABLE MEANS PRIOR TO CORE DRILLING ANY EXISTING STRUCTURAL WORKS FOR INSTALLATION OF CONDUITS, SLEEVES, AND ETC.

d. PROVIDE WATERTIGHT AND FIRE RATED SEALS AS REQUIRED AT ALL CONDUIT PENETRATIONS AS SHOWN ON THE ELECTRICAL DRAWINGS.

e. ALUMINUM CONDUITS ARE NOT ALLOWED TO BE EMBEDDED IN CONCRETE AS PER PROVISIONS IN ACI 318 CODE.

f. PROVIDE EMBEDMENTS THAT FOLLOW ALL APPLICABLE PROVISIONS AS DETAILED IN CHAPTER 20 AND CHAPTER 26 OF STATED ACI 318 CODE.
9. STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS OF THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING, SHORING AND TEMPORARY SUPPORTS TO RESIST ANY APPLIED LOADING THAT MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS STRICTLY PROHIBITED.
10. TEMPORARY BRACING, SHEETING AND SHORING REQUIRED TO ENSURE THE STRUCTURAL INTEGRITY AND STABILITY OF NEARBY EXISTING STRUCTURES, SIDEWALKS, UTILITIES, AND ETC. DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR. UNLESS DETAILED ON THE CONTRACT DOCUMENTS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE DETAILS OF SUCH TEMPORARY WORK WHICH SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK, EMPLOYED AND PAID FOR BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
11. THE CONTRACTOR SHALL FULLY ADHERE TO THE REQUIREMENTS OF THE DEP ENVIRONMENTAL HEALTH AND SAFETY POLICIES AND PROCEDURES. IN INSTANCES WHERE RELATED GOVERNING REGULATORY AGENCIES SUCH AS OSHA, EPA, AND NYSDEC ARE MORE STRINGENT, THE REGULATIONS OF SAID AGENCIES SHALL GOVERN.
12. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE REGARDING SAFEGUARDS DURING CONSTRUCTION OR DEMOLITION.

GENERAL NOTES (CONTINUED)

13. IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.
14. ALL AREAS, STRUCTURES AND EQUIPMENT DISTURBED AND/OR DAMAGED BY THE CONTRACTOR WITHOUT THE AUTHORIZATION OF THE ENGINEER SHALL BE RESTORED BY THE CONTRACTOR TO ORIGINAL CONDITION AT NO EXPENSE TO THE CITY.
15. THE CONTRACTOR SHALL PROVIDE FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC DURING THE PERFORMANCE OF THE CONTRACT WORK. ALL SUCH WORK SHALL CONFORM TO THE MOST CURRENT NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNLESS OTHERWISE MODIFIED BY THE CONTRACT DOCUMENTS OR, IN THE COURSE OF THE WORK, MODIFIED PER ENGINEER'S DIRECTION.
16. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A NEW YORK STATE LICENSED LAND SURVEYOR TO PERFORM A TOPOGRAPHIC SURVEY AT THE WORK AREA. IN ADDITION, SURVEYS SHOWING THE LOCATION OF ALL NEW STRUCTURES PRIOR TO BACKFILL, AND COMPLETION OF SAID STRUCTURES SHALL BE INCLUDED IN THE CONTRACT. ALL SURVEY GRADES AND ELEVATIONS SHALL BE REFERRED TO THE CITY DATUM AS SHOWN IN THE CIVIL DRAWINGS. IN SUMMARY, SURVEYOR WORK SHALL INCLUDE:

a. ELEVATION PROGRESS INSPECTION SURVEY

b. FINAL SURVEY

c. AN ELEVATION CERTIFICATE
17. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88), U.O.N.
18. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION, LOCATIONS, OR SIZES OF ANY ELEMENT.
19. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
20. DETAILS AND SECTIONS LABELED WITH "TYPICAL" IN THEIR TITLES SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY SHOWN. THE APPLICABILITY OF THE CONTENT OF THESE VIEWS TO LOCATIONS ON THE PLAN CAN BE DETERMINED FROM THE TITLE OF THE VIEWS. SUCH VIEWS SHALL APPLY WHETHER OR NOT THEY ARE CALLED OUT AT EACH LOCATION.
21. TYPICAL DETAILS ARE GENERALLY NOT INDICATED ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TYPICAL DETAIL APPLICATIONS.

STRUCTURAL NOTES

IN ADDITION TO GENERAL NOTES, THE FOLLOWING NOTES SHALL APPLY TO ALL STRUCTURAL WORKS:

1. THE CONTRACTOR SHALL PROTECT EXCAVATION FROM FLOODING UNTIL ALL WALLS AND ROOF FRAMING ARE IN PLACE AND BACKFILLING HAS BEGUN. THE GROUNDWATER LEVEL SHALL BE MAINTAINED BELOW EXCAVATION AT ALL TIMES, UNTIL STRUCTURE IS IN PLACE.
2. THE CONTRACTOR SHALL DESIGN, AND SUBMIT TO THE ENGINEER FOR REVIEW FOR INFORMATION ONLY, A METHOD FOR SUPPORTING THE EXCAVATION. THE DESIGN OF THE EXCAVATION SUPPORT SHALL ACCOMMODATE UNDERGROUND UTILITY SERVICES, BOTH CITY AND PRIVATELY OWNED, MANAGEMENT OF GROUNDWATER, AND PROTECTION OF EXISTING STRUCTURES. THE DESIGN OF THE EXCAVATION SUPPORT SYSTEM SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK. WORK SHALL NOT COMMENCE WITHOUT APPROVAL OF THE EXCAVATION SUPPORT SYSTEM.
3. NON-STRUCTURAL ITEMS MAY BE SHOWN ON THE STRUCTURAL DRAWINGS FOR THE PURPOSE OF CLARITY IN THE INTERFACE WITH STRUCTURAL WORK. NON-STRUCTURAL ITEMS MAY NOT BE FULLY DEFINED ON THE STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL, MEP, CIVIL DRAWINGS & SPECIFICATIONS FOR NON-STRUCTURAL WORK.

CONTRACTOR'S SHOP DRAWINGS

1. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF FABRICATION OR COMMENCEMENT OF WORK. SEE SPECIFICATIONS REGARDING SHOP DRAWING FORMAT, APPROVAL AND SUBMITTAL PROCEDURES, AND ETC.
2. REPRODUCTION OF ANY PORTION OF CONTRACT DRAWINGS FOR SUBMITTAL AS SHOP DRAWINGS IS PROHIBITED.
3. CHANGES TO SHOP DRAWINGS THAT ARE RESUBMITTED SHALL BE CLOUDED OR SOMEHOW INDICATED THAT A CHANGE HAS BEEN MADE TO PREVIOUSLY ISSUED AND REVIEWED DRAWINGS.

				DESIGNED BY: CC, AM	DRAWN BY: CC, AM, XX			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep
				CHECKED BY: CC, PMB				PORTFOLIO MANAGER LAUREN D'ATILE, PE		
				DESIGN LEAD: CLEMENT CHAN, PE				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE		
1	07/2023	ADDENDUM NO. 2		CC						
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	SECTION MANAGER: ALEXANDER LOPEZ, PE						

CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

STRUCTURAL
GENERAL
STRUCTURAL NOTES, CODES, AND STANDARDS

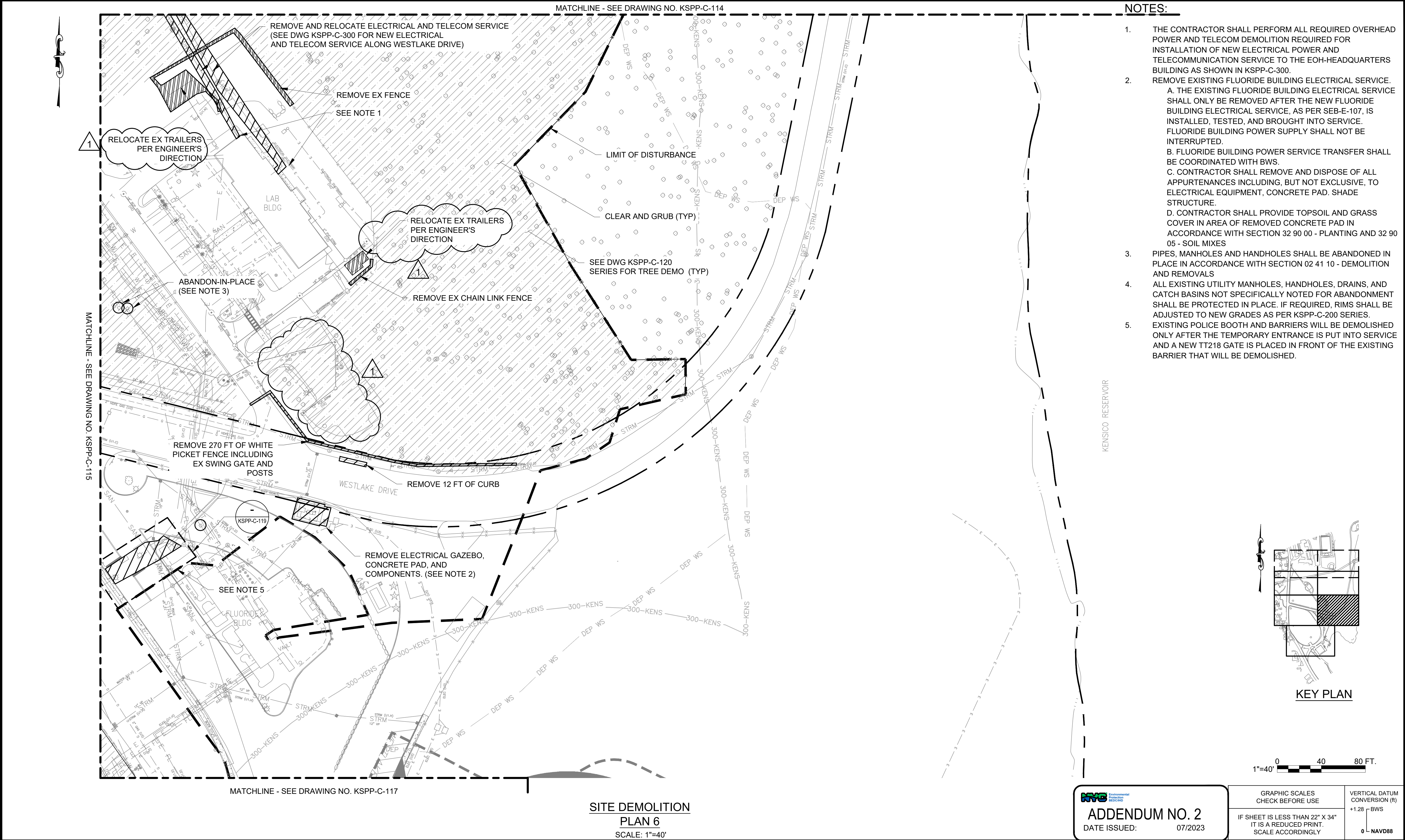
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SHEET NO:

DRAWING NO.
KEC2-GS-001.01

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

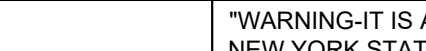

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Drawing File Name & Drive Location: (command "zoom" "E")



- NOTES:**
- THE CONTRACTOR SHALL PERFORM ALL REQUIRED OVERHEAD POWER AND TELECOM DEMOLITION REQUIRED FOR INSTALLATION OF NEW ELECTRICAL POWER AND TELECOMMUNICATION SERVICE TO THE EOH-HEADQUARTERS BUILDING AS SHOWN IN KSPP-C-300.
 - REMOVE EXISTING FLUORIDE BUILDING ELECTRICAL SERVICE.
 - THE EXISTING FLUORIDE BUILDING ELECTRICAL SERVICE SHALL ONLY BE REMOVED AFTER THE NEW FLUORIDE BUILDING ELECTRICAL SERVICE, AS PER SEB-E-107, IS INSTALLED, TESTED, AND BROUGHT INTO SERVICE. FLUORIDE BUILDING POWER SUPPLY SHALL NOT BE INTERRUPTED.
 - FLUORIDE BUILDING POWER SERVICE TRANSFER SHALL BE COORDINATED WITH BWS.
 - CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL APPURTENANCES INCLUDING, BUT NOT EXCLUSIVE, TO ELECTRICAL EQUIPMENT, CONCRETE PAD, SHADE STRUCTURE.
 - CONTRACTOR SHALL PROVIDE TOPSOIL AND GRASS COVER IN AREA OF REMOVED CONCRETE PAD IN ACCORDANCE WITH SECTION 32 90 00 - PLANTING AND 32 90 05 - SOIL MIXES
 - PIPES, MANHOLES AND HANDHOLES SHALL BE ABANDONED IN PLACE IN ACCORDANCE WITH SECTION 02 41 10 - DEMOLITION AND REMOVALS
 - ALL EXISTING UTILITY MANHOLES, HANDHOLES, DRAINS, AND CATCH BASINS NOT SPECIFICALLY NOTED FOR ABANDONMENT SHALL BE PROTECTED IN PLACE. IF REQUIRED, RIMS SHALL BE ADJUSTED TO NEW GRADES AS PER KSPP-C-200 SERIES.
 - EXISTING POLICE BOOTH AND BARRIERS WILL BE DEMOLISHED ONLY AFTER THE TEMPORARY ENTRANCE IS PUT INTO SERVICE AND A NEW TT218 GATE IS PLACED IN FRONT OF THE EXISTING BARRIER THAT WILL BE DEMOLISHED.

**SITE DEMOLITION
PLAN 6
SCALE: 1"=40'**

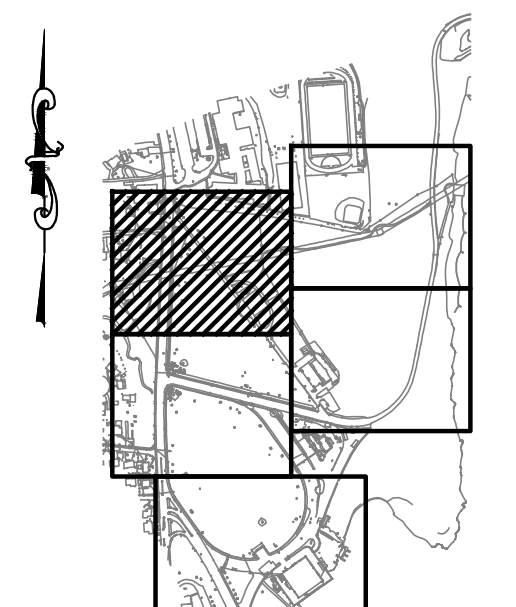
				DESIGNED BY:	DRAWN BY:			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE:
				CHECKED BY:				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD:				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER:								DRAWING NO. KSPP-C-116.01
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.



GENERAL TREE CLEARING NOTES:

1. THE TREE INVENTORY WAS PERFORMED BY SARATOGA ASSOCIATES IN 2018. TREES SMALLER THAN 4IN DIAMETER AT BREAST HEIGHT AT THE TIME OF SURVEY WERE NOT INCLUDED IN THE TREE CLEARING SCHEDULE.
2. TREE LOCATIONS ARE BASED ON FIELD SURVEY PERFORMED BY NAIK ON 08/2018 AND BY MATRIX NEW WORLD ON 09/2020.
3. TREE CLEARING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 01 14 00 - WORK RESTRICTIONS, 02 41 10 - DEMOLITION AND REMOVALS, SECTION 31 10 10 - SITE CLEARING, SECTION 31 25 10 - DUST EROSION AND SEDIMENT CONTROL, AND THE KENSICO SITE STORMWATER POLLUTION PREVENTION PLAN.



KEY PLAN

0 40 80 FT.
1"=40'



Environmental
Protection
Agency

ADDENDUM NO. 2

DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

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

VERTICAL DATUM
CONVERSION (ft)

1.28 — BWS

0 — NAVD88

**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
TREE CLEARING SCHEDULE
PLAN 1

DATE: APRIL 2023

SALE: AS NOTED

HEET NO:

DRAWING NO.

KSPP-C-120.01

				DESIGNED BY: SL, MT, AF, PS, MH
				CHECKED BY: DD, MR
				DESIGN LEAD: SEBASTIAN LOPEZ, PE
1	7/23	ADDENDUM # 2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D	

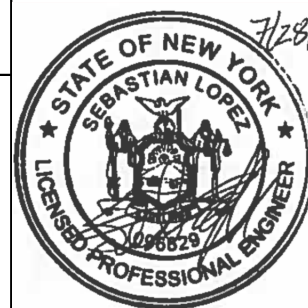
DESIGNED BY:
SL, MT, AF, PS, MH

	CHECKED BY
	DD, MR

DESIGN LEAD:	SEBASTIAN LOPEZ, PE
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SECTION MANAGER:
ALEXANDER LOPEZ, PE

DRAWN BY:
CC, JC



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO

PORTFOLIO MANAGER

LAUREN D'ATTILE, PE

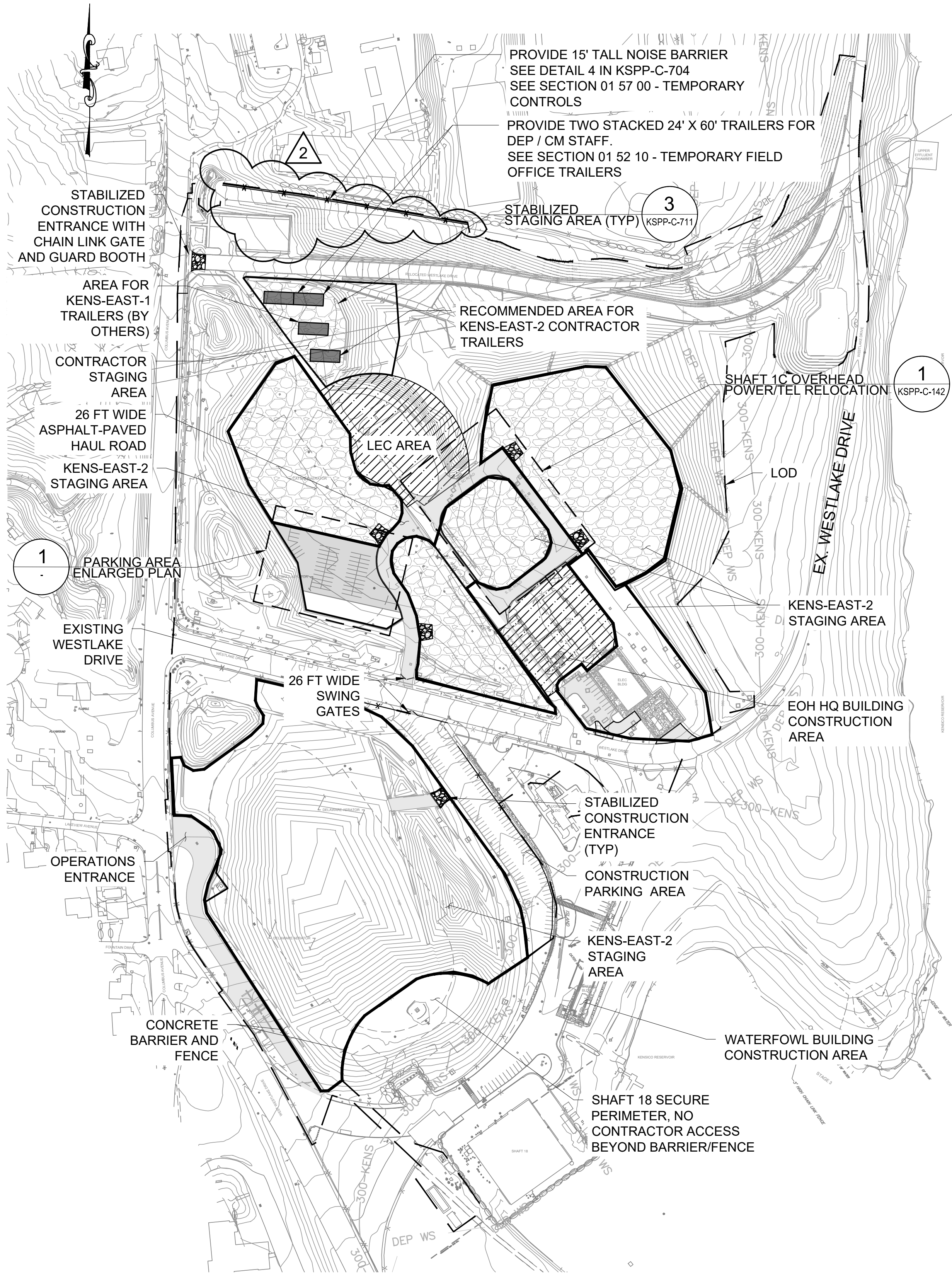
DEPUTY DIRECTOR, I
MICHAEL LOEHR, PE

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NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dep

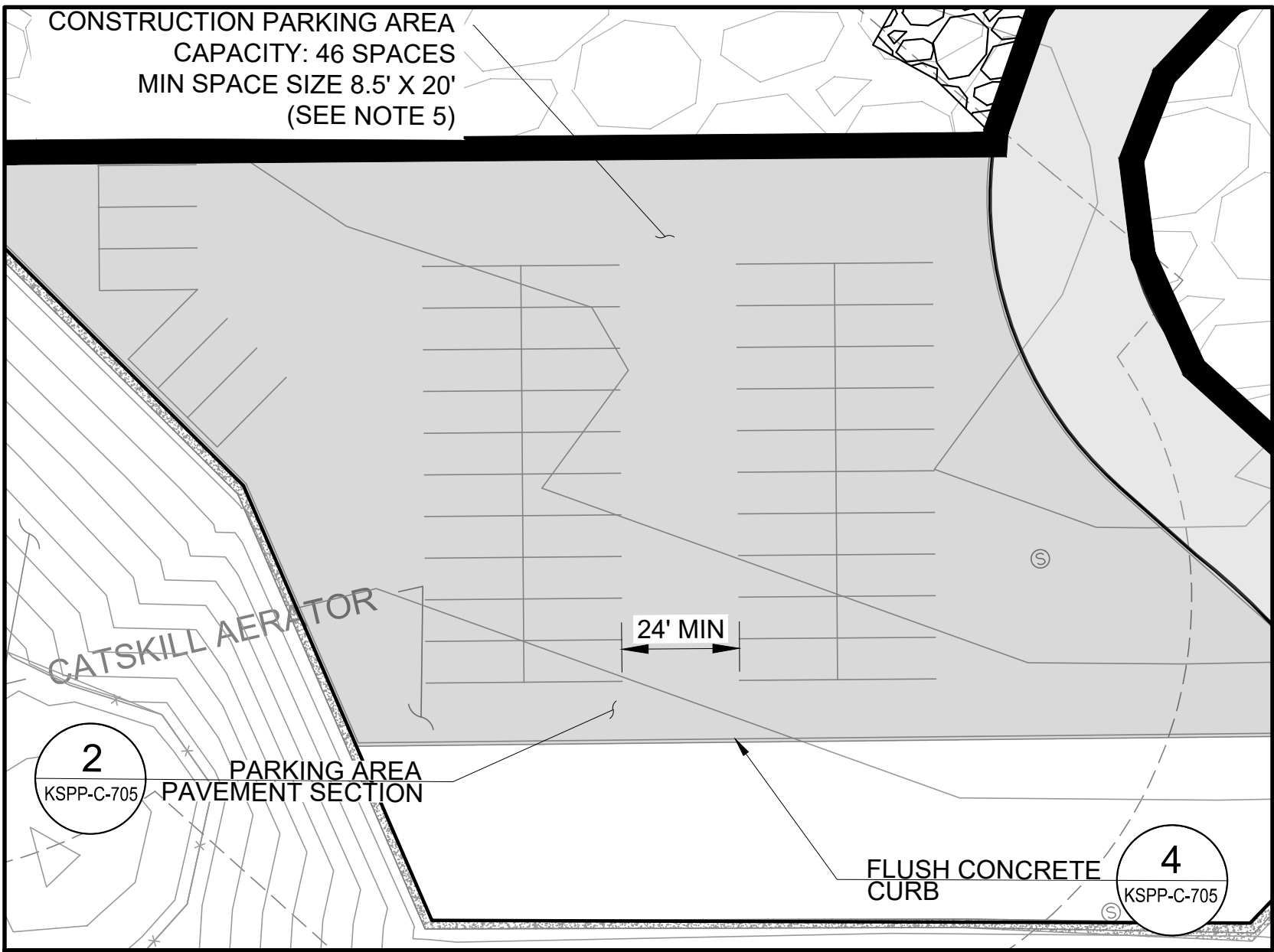
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Last Saved By: Eptter Last Date Saved: 7/25/2023 4:38 PM Date & Time Plotted: 7/26/2023 10:37 AM
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Drawing File Name & Drive Location: (command "zoom" "E") Plot Style Table: BEDC_Acad(N).ctb



CONSTRUCTION STAGING - PLAN 1

SCALE: 1" = 150'



1 PARKING AREA ENLARGED PLAN

SCALE: 1" = 30'

NOTES:

- DISTURBANCE AREA: 38.1ACRES
- SEE KSPP-C-150 FOR CONSTRUCTION PHASING
- THE LEC AREA SHALL ONLY BE USED BY THE CONTRACTOR FOR AERATOR ROAD CIRCULATION. THE LEC AREA SHALL NOT BE USED BY THE CONTRACTOR FOR EQUIPMENT AND/OR MATERIAL STORAGE. THE CONTRACTOR SHALL MAINTAIN DEP ACCESS TO THE LEC AREA AT ALL TIMES. SEE SECTION 01 14 00 - WORK RESTRICTIONS.
- EXISTING WESTLAKE DRIVE SHALL NOT BE USED FOR CONTRACTOR PARKING UNTIL RELOCATED WESTLAKE DRIVE IS CONSTRUCTED, COMMISSIONED AND OPEN TO THE PUBLIC. SEE SECTION 01 14 00 - WORK RESTRICTIONS.
- EXISTING WESTLAKE DRIVE SHALL NOT BE USED FOR STAGING OR EQUIPMENT STORAGE.
- SUGGESTED PARKING AREA LAYOUT IS SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL ARRANGE PARKING AS SUITED FOR THEIR NEEDS AND IN COORDINATION WITH THE CM AND THE KENS-EAST-1 AND KENS-EAST-3 CONTRACTORS. PARKING LAYOUT SHALL BE SUBMITTED FOR THE ENGINEER'S REVIEW.



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
2	07/2023	ADDENDUM #2	SL
1	07/2023	ADDENDUM #1	SL

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
CONSTRUCTION STAGING
PLAN 1

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSPP-C-140.02

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Last Saved By: Slopez, Last Date Saved: 7/25/2023 11:04 AM, Date & Time Plotted: 7/25/2023 11:12 AM, Paper Size: Printed/Plotted: ANSI full bleed D (34.00" x 22.00 inches), Plot Style Table: BEDC_Acad(N).ctb, Drawing File Name & Drive Location: (command "zoom" "E")

				DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
				CHECKED BY: DD, MR	
				DESIGN LEAD: SEBASTIAN LOPEZ, PE	
				SECTION MANAGER: ALEXANDER LOPEZ, PE	
2	07/23	ADDENDUM #2		SL	
1	07/23	ADDENDUM #1		SL	
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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ADDENDUM NO. 2
DATE ISSUED: 07/2023

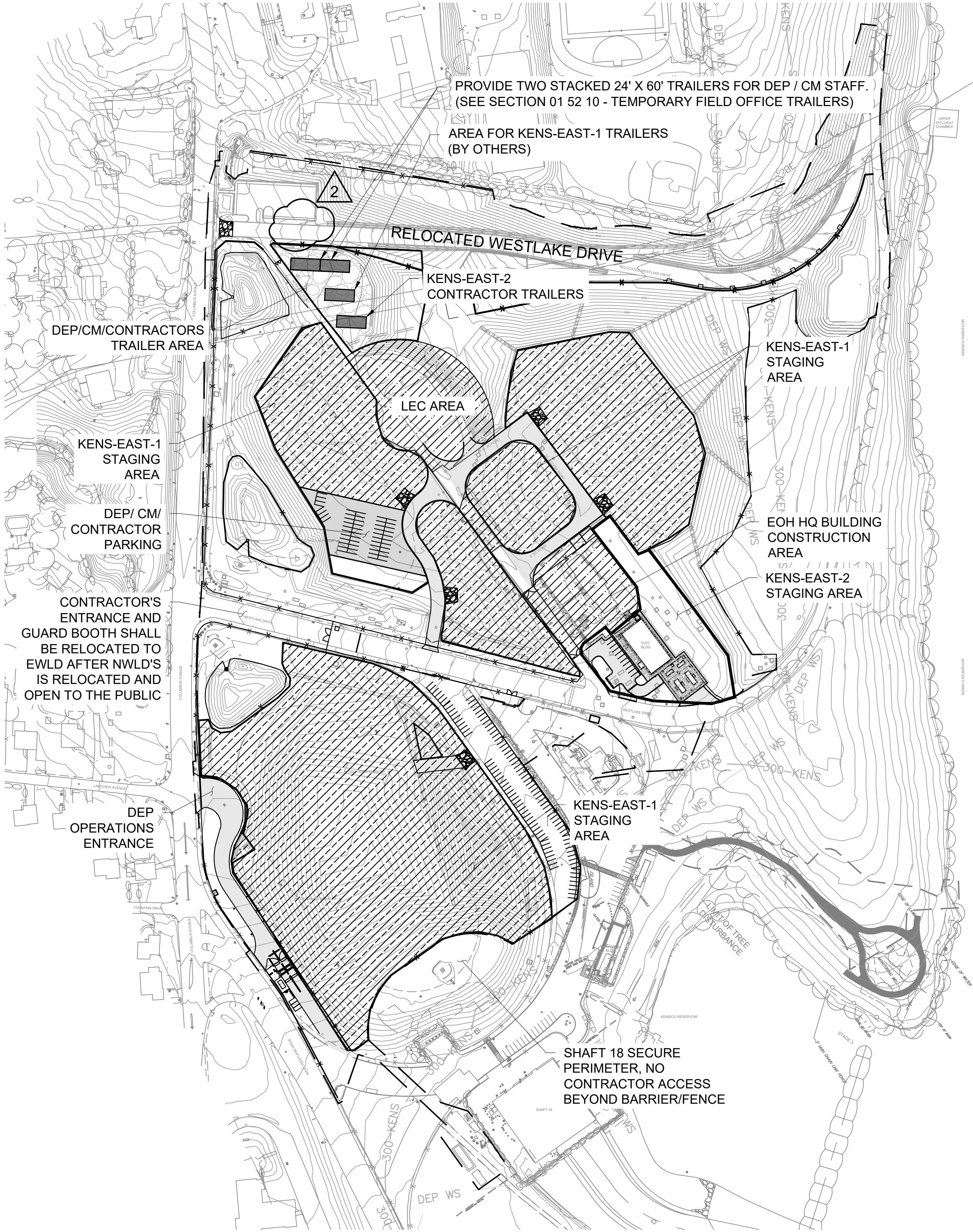


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<div>CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION</div> <div>CIVIL CONSTRUCTION STAGING PLAN 2</div>	DATE: APRIL 2023
	SCALE: AS NOTED
	SHEET NO:
	DRAWING NO. KSPP-C-141.02

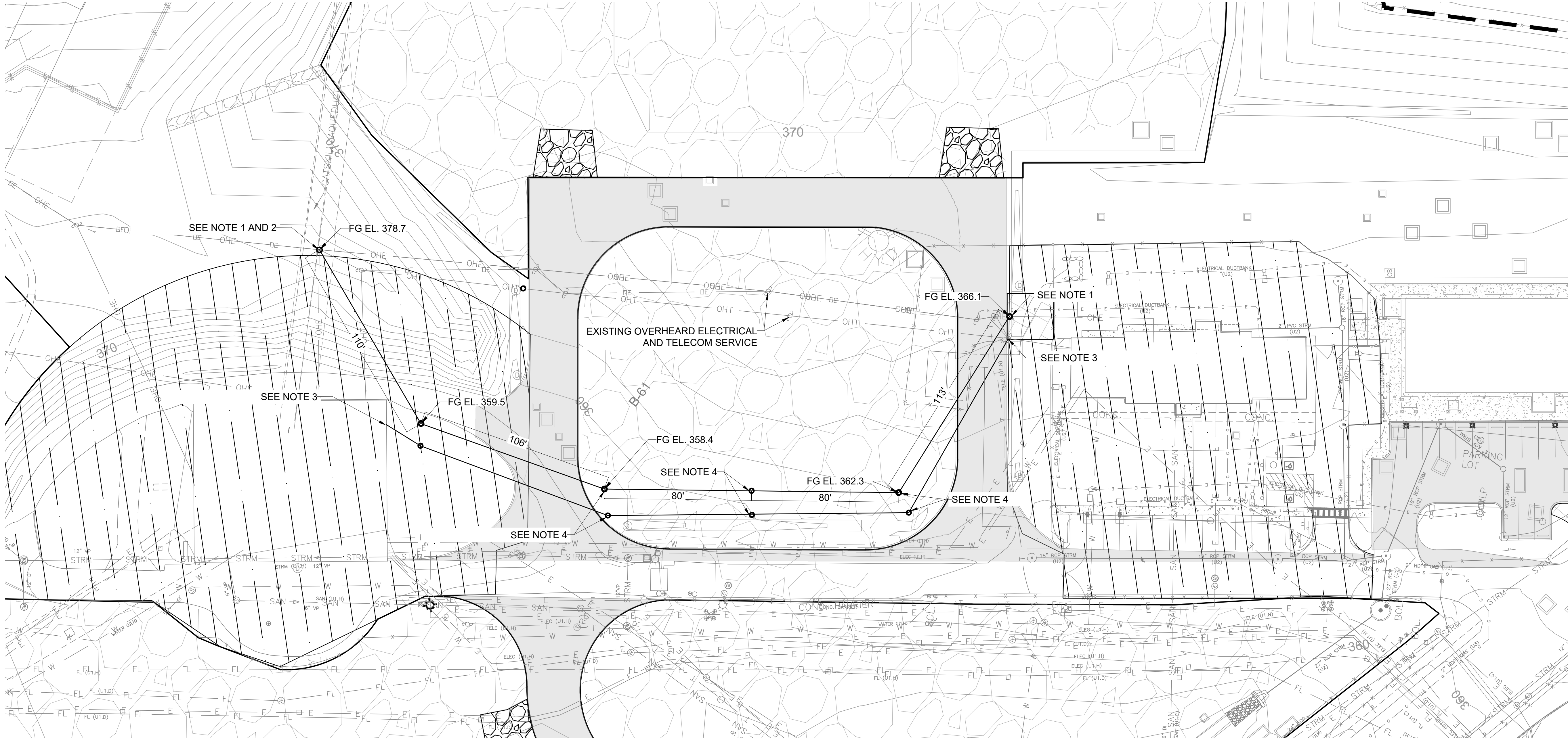
NOTES:

- DISTURBANCE AREA: 38.1ACRES
- SEE KSPP-C-150 FOR CONSTRUCTION PHASING
- THE LEC AREA SHALL ONLY BE USED BY THE CONTRACTOR FOR AERATOR ROAD CIRCULATION. THE LEC AREA SHALL NOT BE USED BY THE CONTRACTOR FOR EQUIPMENT AND/OR MATERIAL STORAGE. THE CONTRACTOR SHALL MAINTAIN DEP ACCESS TO THE LEC AREA AT ALL TIMES. SEE SECTION 01 14 00 - WORK RESTRICTIONS.



CONSTRUCTION STAGING - PLAN 2
SCALE: 1" = 150'

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Plot Style Table: BEDC_Acad 2021.ctb
Plot Scale: 0.998127



NOTES:

1. CONTRACTOR SHALL COORDINATE WITH CON EDISON FOR RELOCATION OF OVERHEAD POWER POLES AND POWER LINES TO THE EOH HQ BUILDING AS SHOWN.
2. CONTRACTOR SHALL COORDINATE WITH TELECOM COMPANIES FOR RELOCATION OF OVERHEAD TELECOM LINES.
3. CONTRACTOR SHALL RELOCATE THE EXISTING DEP TELECOM CONNECTION FROM THE LEC TO THE LAB BUILDING AS SHOWN.
4. CONTRACTOR SHALL COORDINATE GRADING, EROSION AND SEDIMENT CONTROL WORK WITH OVERHEAD POWER RELOCATION.
- 4.1. CONTRACTOR SHALL SEQUENCE GRADING OPERATIONS SUCH THAT POWER POLES ARE RELOCATED ON FINAL GRADE.

1 SHAFT 1C STAGING AREA
SCALE: 1" = 30'

0 30 60 FT.
1"=30'

ADDENDUM NO. 2
DATE ISSUED: 07/2023

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CONVERSION (ft)
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DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: MR, DD	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	
APPRD.	



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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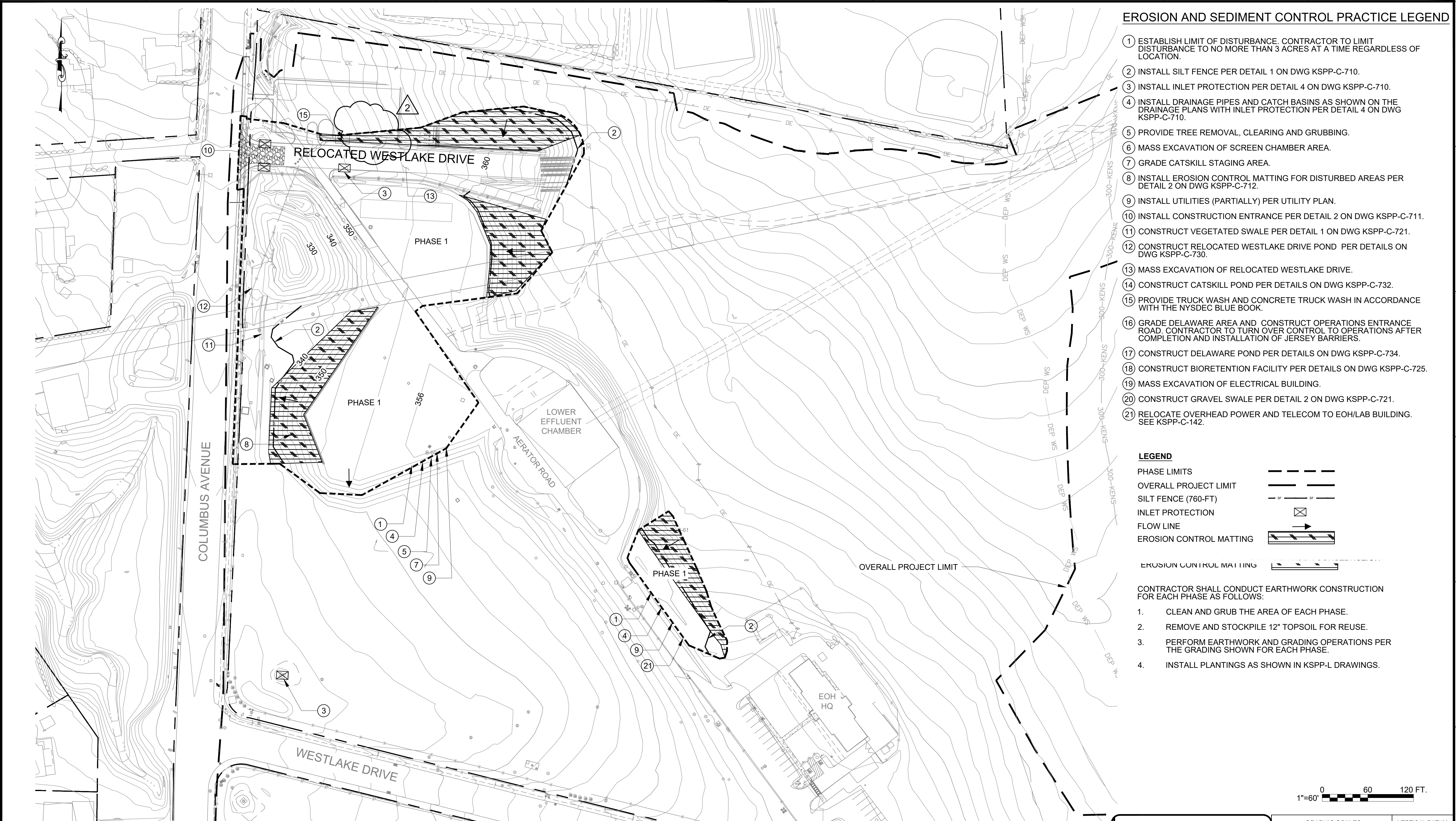
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CORONA, NEW YORK 11368
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**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**
CIVIL
CONSTRUCTION STAGING PLAN
SHAFT 1C STAGING AREA

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSPC-C-142.01

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Drawing File Name & Drive Location: (command: "zoom" "E")



EROSION AND SEDIMENT CONTROL PRACTICE LEGEND

1. ESTABLISH LIMIT OF DISTURBANCE. CONTRACTOR TO LIMIT DISTURBANCE TO NO MORE THAN 3 ACRES AT A TIME REGARDLESS OF LOCATION.
2. INSTALL SILT FENCE PER DETAIL 1 ON DWG KSPP-C-710.
3. INSTALL INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
4. INSTALL DRAINAGE PIPES AND CATCH BASINS AS SHOWN ON THE DRAINAGE PLANS WITH INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
5. PROVIDE TREE REMOVAL, CLEARING AND GRUBBING.
6. MASS EXCAVATION OF SCREEN CHAMBER AREA.
7. GRADE CATSKILL STAGING AREA.
8. INSTALL EROSION CONTROL MATTING FOR DISTURBED AREAS PER DETAIL 2 ON DWG KSPP-C-712.
9. INSTALL UTILITIES (PARTIALLY) PER UTILITY PLAN.
10. INSTALL CONSTRUCTION ENTRANCE PER DETAIL 2 ON DWG KSPP-C-711.
11. CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DWG KSPP-C-721.
12. CONSTRUCT RELOCATED WESTLAKE DRIVE POND PER DETAILS ON DWG KSPP-C-730.
13. MASS EXCAVATION OF RELOCATED WESTLAKE DRIVE.
14. CONSTRUCT CATSKILL POND PER DETAILS ON DWG KSPP-C-732.
15. PROVIDE TRUCK WASH AND CONCRETE TRUCK WASH IN ACCORDANCE WITH THE NYSDEC BLUE BOOK.
16. GRADE DELAWARE AREA AND CONSTRUCT OPERATIONS ENTRANCE ROAD. CONTRACTOR TO TURN OVER CONTROL TO OPERATIONS AFTER COMPLETION AND INSTALLATION OF JERSEY BARRIERS.
17. CONSTRUCT DELAWARE POND PER DETAILS ON DWG KSPP-C-734.
18. CONSTRUCT BIORETENTION FACILITY PER DETAILS ON DWG KSPP-C-725.
19. MASS EXCAVATION OF ELECTRICAL BUILDING.
20. CONSTRUCT GRAVEL SWALE PER DETAIL 2 ON DWG KSPP-C-721.
21. RELOCATE OVERHEAD POWER AND TELECOM TO EOH/LAB BUILDING. SEE KSPP-C-142.

LEGEND

- PHASE LIMITS
OVERALL PROJECT LIMIT
SILT FENCE (760-FT)
INLET PROTECTION
FLOW LINE
EROSION CONTROL MATTING

CONTRACTOR SHALL CONDUCT EARTHWORK CONSTRUCTION FOR EACH PHASE AS FOLLOWS:

1. CLEAN AND GRUB THE AREA OF EACH PHASE.
2. REMOVE AND STOCKPILE 12" TOPSOIL FOR REUSE.
3. PERFORM EARTHWORK AND GRADING OPERATIONS PER THE GRADING SHOWN FOR EACH PHASE.
4. INSTALL PLANTINGS AS SHOWN IN KSPP-L DRAWINGS.

0 60 120 FT.
1"=60'



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
2	7/23	ADDENDUM #2	SL
1	7/23	ADDENDUM #1	SL

DESIGNED BY:
SL, MT, AF, PS, MH

CHECKED BY:
DD, MR

DESIGN LEAD:
SEBASTIAN LOPEZ, PE

SECTION MANAGER:
ALEXANDER LOPEZ, PE

DRAWN BY:
CC, JC



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO

PORTFOLIO MANAGER
LAUREN D'ATTILE, PE

DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
SOIL EROSION & SEDIMENT CONTROL PLAN
PHASE 1

DATE: APRIL 2023

SCALE: AS NOTED

SHEET NO:

DRAWING NO.

KSPP-C-151.02

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
2	7/23	ADDENDUM #2	SL
1	7/23	ADDENDUM #1	SL

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	

SOIL EROSION & SEDIMENT CONTROL PLAN
PHASE 2
SCALE: 1"=60'



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION
CIVIL
SOIL EROSION & SEDIMENT CONTROL PLAN
PHASE 2

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSPP-C-152.02

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EROSION AND SEDIMENT CONTROL PRACTICE LEGEND

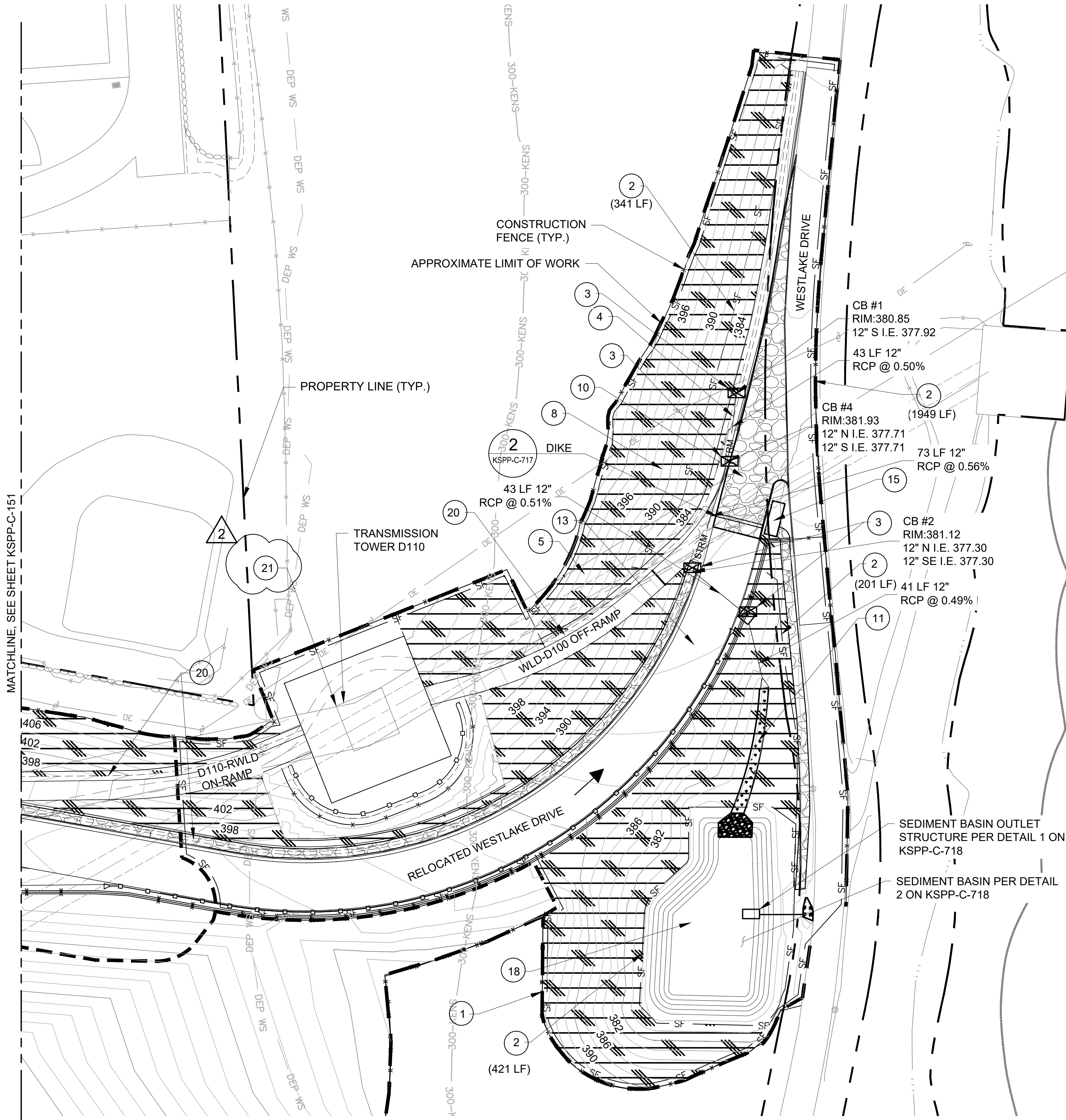
1. ESTABLISH LIMIT OF DISTURBANCE. CONTRACTOR TO LIMIT DISTURBANCE TO NO MORE THAN 3 ACRES AT A TIME REGARDLESS OF LOCATION.
2. INSTALL SILT FENCE PER DETAIL 1 ON DWG KSPP-C-710.
3. INSTALL INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
4. INSTALL DRAINAGE PIPES AND CATCH BASINS AS SHOWN ON THE DRAINAGE PLANS WITH INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
5. PROVIDE TREE REMOVAL, CLEARING AND GRUBBING.
6. MASS EXCAVATION OF SCREEN CHAMBER AREA.
7. GRADE CATSKILL STAGING AREA.
8. INSTALL EROSION CONTROL MATTING FOR DISTURBED AREAS PER DETAIL 2 ON DWG KSPP-C-712.
9. INSTALL UTILITIES (PARTIALLY) PER UTILITY PLAN.
10. INSTALL CONSTRUCTION ENTRANCE PER DETAIL 2 ON DWG KSPP-C-711.
11. CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DWG KSPP-C-721.
12. CONSTRUCT RELOCATED WESTLAKE DRIVE POND PER DETAILS ON DWG KSPP-C-730.
13. MASS EXCAVATION OF RELOCATED WESTLAKE DRIVE.
14. CONSTRUCT CATSKILL POND PER DETAILS ON DWG KSPP-C-732.
15. PROVIDE TRUCK WASH AND CONCRETE TRUCK WASH IN ACCORDANCE WITH THE NYSDEC BLUE BOOK.
16. GRADE DELAWARE AREA AND CONSTRUCT OPERATIONS ENTRANCE ROAD. CONTRACTOR TO TURN OVER CONTROL TO OPERATIONS AFTER COMPLETION AND INSTALLATION OF JERSEY BARRIERS.
17. CONSTRUCT DELAWARE POND PER DETAILS ON DWG KSPP-C-734.
18. CONSTRUCT BIORETENTION FACILITY PER DETAILS ON DWG KSPP-C-725.
19. MASS EXCAVATION OF ELECTRICAL BUILDING.
20. CONSTRUCT GRAVEL SWALE PER DETAIL 2 ON DWG KSPP-C-721.
21. CONTRACTOR SHALL VERIFY-IN-FIELD LOCATION OF EXISTING CON EDISON TOWER GROUNDING SYSTEM. IN THE EVENT GROUNDING CABLES CONFLICT WITH GRADING, THE CONTRACTOR SHALL COORDINATE WITH CON EDISON AND RELOCATE GROUNDING CABLES TO THE REQUIRED DEPTH BELOW FINAL GRADE.

- LEGEND**
- PHASE LIMITS
OVERALL PROJECT LIMIT
SILT FENCE (1470-FT)
INLET PROTECTION
FLOW LINE
EROSION CONTROL MATTING

- NOTES:
1. CONTRACTOR SHALL CONDUCT EARTHWORK CONSTRUCTION FOR EACH PHASE AS FOLLOWS:
 - 1.1. CLEAN AND GRUB THE AREA OF EACH PHASE.
 - 1.2. REMOVE AND STOCKPILE 12" TOPSOIL FOR REUSE.
 - 1.3. PERFORM EARTHWORK AND GRADING OPERATIONS PER THE GRADING SHOWN FOR EACH PHASE.
 - 1.4. INSTALL PLANTINGS AS SHOWN IN KSPP-L DRAWINGS.
 2. ALL EMBANKMENT SLOPES ARE TO BE SEEDED.
 3. CONTRACTOR SHALL PERIODICALLY INSPECT ALL DRAINAGE STRUCTURES AND FEATURES AND REMOVE SEDIMENT AND SILT.
 4. CONTRACTOR SHALL EMPLOY WATER BARS ALONG WESTLAKE DRIVE DURING CONSTRUCTION.



Last Saved By: Ekaterina.Friboi Date Saved: 7/28/2023 11:13 AM Date & Time Plotted: 7/28/2023 11:17 AM
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Drawing File Name & Drive Location: (command "zoom" "E")



EROSION & SEDIMENT CONTROL PHASE 3
PLAN 1
SCALE: 1"=60'

EROSION AND SEDIMENT CONTROL PRACTICE LEGEND

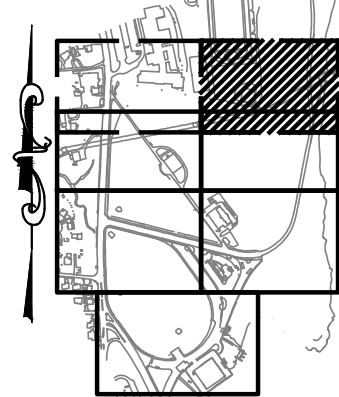
- ESTABLISH LIMIT OF DISTURBANCE AND TREE PROTECTION. CONTRACTOR TO LIMIT DISTURBANCE TO NO MORE THAN 5 ACRES AT A TIME REGARDLESS OF LOCATION.
- INSTALL SILT FENCE PER DETAIL 1 ON DWG KSPP-C-710.
- INSTALL INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
- INSTALL DRAINAGE PIPES AND CATCH BASINS AS SHOWN ON THE DRAINAGE PLANS WITH INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
- PROVIDE TREE REMOVAL, CLEARING AND GRUBBING.
- MASS EXCAVATION OF SCREEN CHAMBER AREA.
- GRADE CATSKILL STAGING AREA.
- INSTALL EROSION CONTROL MATTING FOR DISTURBED AREAS PER DETAIL 2 ON DWG KSPP-C-712.
- INSTALL UTILITIES (PARTIALLY) PER UTILITY PLANS.
- INSTALL CONSTRUCTION ENTRANCE PER DETAIL 2 ON DWG KSPP-C-711.
- CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DWG C-721.
- CONSTRUCT RELOCATED WESTLAKE DR/CATSKILL SEDIMENTATION BASIN PER DETAILS ON DWG C-730.
- MASS EXCAVATION OF RELOCATED WESTLAKE DRIVE.
- CONSTRUCT CATSKILL POND PER DETAILS ON DWG C-732.
- PROVIDE TRUCK WASH AND CONCRETE TRUCK WASH IN ACCORDANCE WITH THE NYSDEC BLUE BOOK.
- GRADE DELAWARE AREA AND CONSTRUCT OPERATIONS ENTRANCE ROAD. CONTRACTOR TO TURN OVER CONTROL TO OPERATIONS AFTER COMPLETION AND INSTALLATION OF JERSEY BARRIERS.
- CONSTRUCT DELAWARE POND PER DETAILS ON DWG C-734.
- CONSTRUCT SEDIMENT BASIN AND CONVERT IT TO BIORETENTION FACILITY PER DETAILS ON DWG C-725 AFTER COMPLETION OF RELOCATED WESTLAKE DRIVE.
- MASS EXCAVATION OF ELECTRICAL BUILDING.
- CONSTRUCT GRAVEL SWALE PER DETAIL 1 ON DWG KSPP-C-727.
- CONTRACTOR SHALL VERIFY-IN-FIELD LOCATION OF EXISTING CON EDISON TOWER GROUNDING SYSTEM. IN THE EVENT GROUNDING CABLES CONFLICT WITH FINAL GRADE, THE CONTRACTOR SHALL COORDINATE WITH CON EDISON AND RELOCATE GROUNDING CABLES TO THE REQUIRED DEPTH BELOW FINAL GRADE.
- RELOCATE OVERHEAD POWER AND TELECOM TO EOH/LAB BUILDING. SEE KSPP-C-142.

LEGEND:

PHASE LIMIT	---
OVERALL PROJECT LIMIT	---
SILT FENCE (2605-FT)	SF
INLET PROTECTION	[Symbol]
FLOW LINE	[Symbol]
EROSION CONTROL MATTING	[Symbol]
RIP-RAP	[Symbol]

NOTES:

- CONTRACTOR SHALL CONDUCT EARTHWORK CONSTRUCTION FOR EACH PHASE AS FOLLOWS:
 - CLEAN AND GRUB THE AREA OF EACH PHASE
 - REMOVE AND STOCKPILE 12" TOPSOIL
 - PERFORM EARTHWORK AND GRADING OPERATIONS PER THE GRADING SHOWN FOR EACH PHASE
 - INSTALL PLANTINGS AS SHOWN IN KSPP-L DRAWINGS.
- ALL EMBANKMENT SLOPES TO BE SEEDED.
- CONTRACTOR SHALL PERIODICALLY INSPECT ALL DRAINAGE STRUCTURES AND FEATURES AND REMOVE SEDIMENT AND SILT.
- CONTRACTOR TO EMPLOY WATER BARS ALONG RELOCATED WESTLAKE DRIVE DURING CONSTRUCTION



KEY PLAN

1"=40' 0 40 80 FT.



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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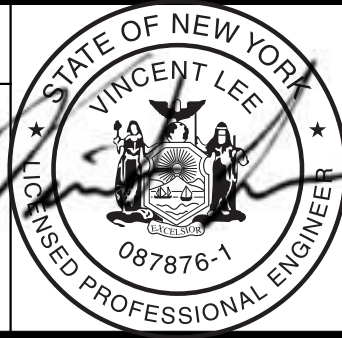
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DESIGNED BY:	ABA
CHECKED BY:	AD
DESIGN LEAD:	VINCENT LEE, PE
SECTION MANAGER:	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
2	7/23	ADDENDUM #2	VL
1	5/23	ADDENDUM #1	VL

ARUP



ACCOUNTABLE MANAGER	JUSTIN RIVELLINO
PORTFOLIO MANAGER	LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN	MICHAEL LOEHR, PE

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CORONA, NEW YORK 11368
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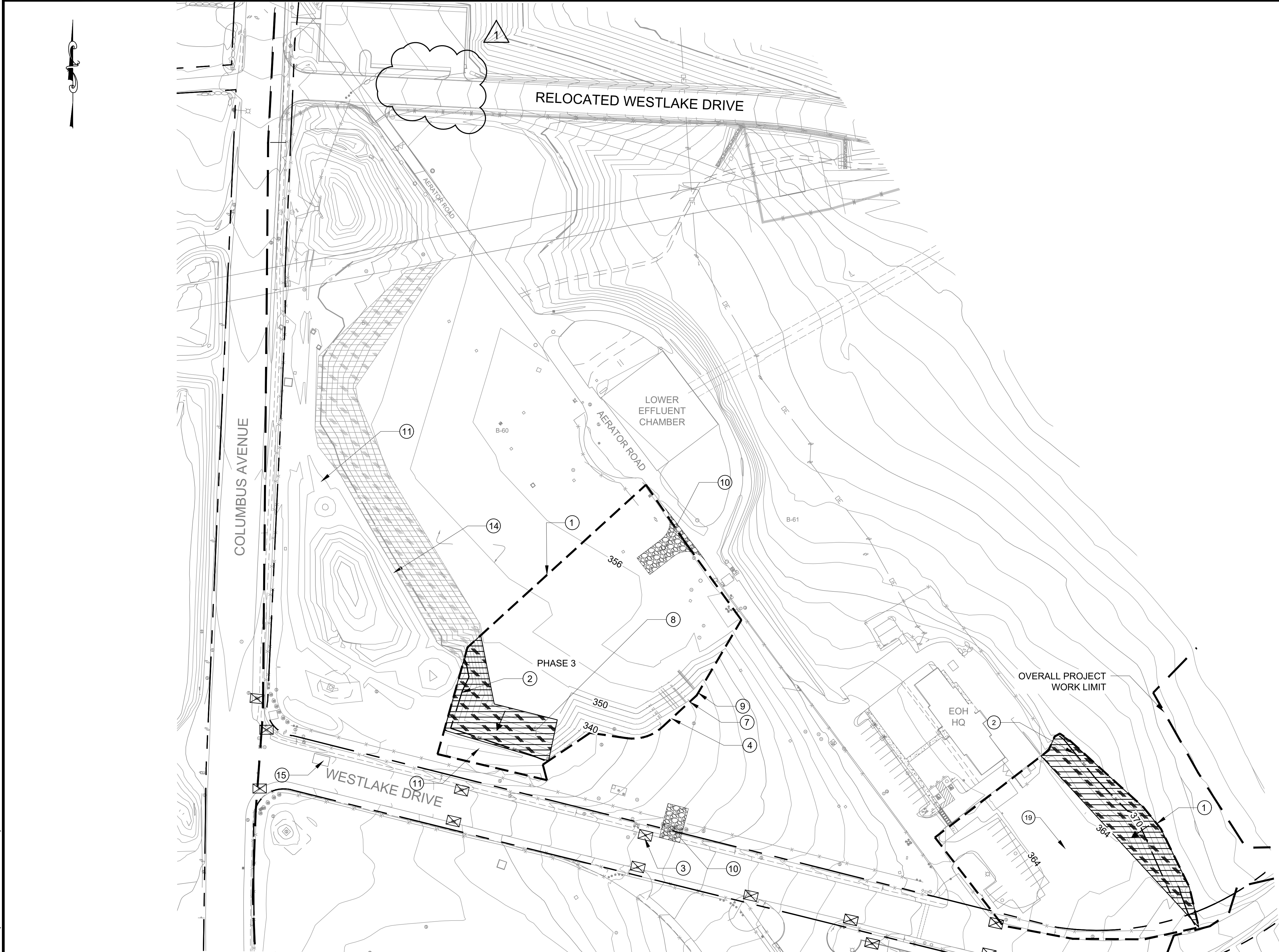
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
SOIL EROSION & SEDIMENT CONTROL PLAN
PHASE 3 PLAN 1

DATE:	JULY 2023
SCALE:	AS NOTED
SHEET NO.:	
DRAWING NO.	KSPP-C-153.02

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

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Drawing File Name & Drive Location: (command "zoom" "E")



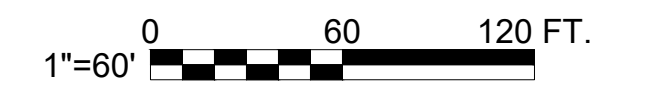
EROSION AND SEDIMENT CONTROL PRACTICE LEGEND


1. ESTABLISH LIMIT OF DISTURBANCE. CONTRACTOR TO LIMIT DISTURBANCE TO NO MORE THAN 3 ACRES AT A TIME REGARDLESS OF LOCATION.
2. INSTALL SILT FENCE PER DETAIL 1 ON DWG KSPP-C-710.
3. INSTALL INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
4. INSTALL DRAINAGE PIPES AND CATCH BASINS AS SHOWN ON THE DRAINAGE PLANS WITH INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
5. PROVIDE TREE REMOVAL, CLEARING AND GRUBBING.
6. MASS EXCAVATION OF SCREEN CHAMBER AREA.
7. GRADE CATSKILL STAGING AREA.
8. INSTALL EROSION CONTROL MATTING FOR DISTURBED AREAS PER DETAIL 2 ON DWG KSPP-C-712.
9. INSTALL UTILITIES (PARTIALLY) PER UTILITY PLAN.
10. INSTALL CONSTRUCTION ENTRANCE PER DETAIL 2 ON DWG KSPP-C-711.
11. CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DWG KSPP-C-721.
12. CONSTRUCT RELOCATED WESTLAKE DRIVE POND PER DETAILS ON DWG KSPP-C-730.
13. MASS EXCAVATION OF RELOCATED WESTLAKE DRIVE.
14. CONSTRUCT CATSKILL POND PER DETAILS ON DWG KSPP-C-732.
15. PROVIDE TRUCK WASH AND CONCRETE TRUCK WASH IN ACCORDANCE WITH THE NYSDEC BLUE BOOK.
16. GRADE DELAWARE AREA AND CONSTRUCT OPERATIONS ENTRANCE ROAD. CONTRACTOR TO TURN OVER CONTROL TO OPERATIONS AFTER COMPLETION AND INSTALLATION OF JERSEY BARRIERS.
17. CONSTRUCT DELAWARE POND PER DETAILS ON DWG KSPP-C-734.
18. CONSTRUCT BIORETENTION FACILITY PER DETAILS ON DWG KSPP-C-725.
19. MASS EXCAVATION OF ELECTRICAL BUILDING.
20. CONSTRUCT GRAVEL SWALE PER DETAIL 2 ON DWG KSPP-C-721.



LEGEND

PHASE LIMITS	---
OVERALL PROJECT LIMIT	---
SILT FENCE (410-FT)	— SF —
INLET PROTECTION	☒
FLOW LINE	→
EROSION CONTROL MATTING	▨

- CONTRACTOR SHALL CONDUCT EARTHWORK CONSTRUCTION FOR EACH PHASE AS FOLLOWS:
1. CLEAN AND GRUB THE AREA OF EACH PHASE.
 2. REMOVE AND STOCKPILE 12" TOPSOIL FOR REUSE.
 3. PERFORM EARTHWORK AND GRADING OPERATIONS PER THE GRADING SHOWN FOR EACH PHASE.
 4. INSTALL PLANTINGS AS SHOWN IN KSPP-L DRAWINGS.



 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 - BWS 0 - NAVD88
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				CHECKED BY: DD, MR				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: SEBASTIAN LOPEZ, PE				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE								DRAWING NO. KSPP-C-154.01
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

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Drawing File Name & Drive Location: C:\projectwise\amx-ds05\ams09078\KSP-C-155.02.dwg

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1	07/2023	ADDENDUM #1	SL

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CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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ADDENDUM NO. 2
DATE ISSUED: 07/2023

0 60 120 FT.
1"=60'

GRAPHIC SCALES
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CONVERSION (ft)
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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
SOIL EROSION & SEDIMENT CONTROL PLAN
PHASE 4

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSP-C-155.02

EROSION AND SEDIMENT CONTROL PRACTICE LEGEND

- ESTABLISH LIMIT OF DISTURBANCE. CONTRACTOR TO LIMIT DISTURBANCE TO NO MORE THAN 3 ACRES AT A TIME REGARDLESS OF LOCATION.
- INSTALL SILT FENCE PER DETAIL 1 ON DWG KSPP-C-710.
- INSTALL INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
- INSTALL DRAINAGE PIPES AND CATCH BASINS AS SHOWN ON THE DRAINAGE PLANS WITH INLET PROTECTION PER DETAIL 4 ON DWG KSPP-C-710.
- PROVIDE TREE REMOVAL, CLEARING AND GRUBBING.
- MASS EXCAVATION OF SCREEN CHAMBER AREA.
- GRADE CATSKILL STAGING AREA.
- INSTALL EROSION CONTROL MATTING FOR DISTURBED AREAS PER DETAIL 2 ON DWG KSPP-C-712.
- INSTALL UTILITIES (PARTIALLY) PER UTILITY PLAN.
- INSTALL CONSTRUCTION ENTRANCE PER DETAIL 2 ON DWG KSPP-C-711.
- CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DWG KSPP-C-721.
- CONSTRUCT RELOCATED WESTLAKE DRIVE POND PER DETAILS ON DWG KSPP-C-730.
- MASS EXCAVATION OF RELOCATED WESTLAKE DRIVE.
- CONSTRUCT CATSKILL POND PER DETAILS ON DWG KSPP-C-732.
- PROVIDE TRUCK WASH AND CONCRETE TRUCK WASH IN ACCORDANCE WITH THE NYSDEC BLUE BOOK.
- GRADE DELAWARE AREA AND CONSTRUCT OPERATIONS ENTRANCE ROAD. CONTRACTOR TO TURN OVER CONTROL TO OPERATIONS AFTER COMPLETION AND INSTALLATION OF JERSEY BARRIERS.
- CONSTRUCT DELAWARE POND PER DETAILS ON DWG KSPP-C-734.
- CONSTRUCT BIORETENTION FACILITY PER DETAILS ON DWG KSPP-C-725.
- MASS EXCAVATION OF ELECTRICAL BUILDING.
- CONSTRUCT GRAVEL SWALE PER DETAIL 2 ON DWG KSPP-C-721.
- CONTRACTOR SHALL VERIFY-IN-FIELD LOCATION OF EXISTING CON EDISON TOWER GROUNDING SYSTEM. IN THE EVENT GROUNDING CABLES CONFLICT WITH GRADING, THE CONTRACTOR SHALL COORDINATE WITH CON EDISON AND RELOCATE GROUNDING CABLES TO THE REQUIRED DEPTH BELOW FINAL GRADE.

LEGEND

PHASE LIMITS
OVERALL PROJECT LIMIT
SILT FENCE (740-FT)
INLET PROTECTION
FLOW LINE
EROSION CONTROL MATTING

CONTRACTOR SHALL CONDUCT EARTHWORK CONSTRUCTION FOR EACH PHASE AS FOLLOWS:

- CLEAN AND GRUB THE AREA OF EACH PHASE.
- REMOVE AND STOCKPILE 12" TOPSOIL FOR REUSE.
- PERFORM EARTHWORK AND GRADING OPERATIONS PER THE GRADING SHOWN FOR EACH PHASE.
- INSTALL PLANTINGS AS SHOWN IN KSPP-L DRAWINGS.

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Paper Size Printed/Plotted: ANSI full bleed D (22.00 x 34.00 inches) Plot Style Table: BEDC_Acad(N).ctb
Drawing File Name & Drive Location: command zoom: E


			DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
			CHECKED BY: DD, MR	
			DESIGN LEAD: SEBASTIAN LOPEZ, PE	
			SECTION MANAGER: ALEXANDER LOPEZ, PE	
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	
2	07/2023	ADDENDUM #2	SL	
1	07/2023	ADDENDUM #1	SL	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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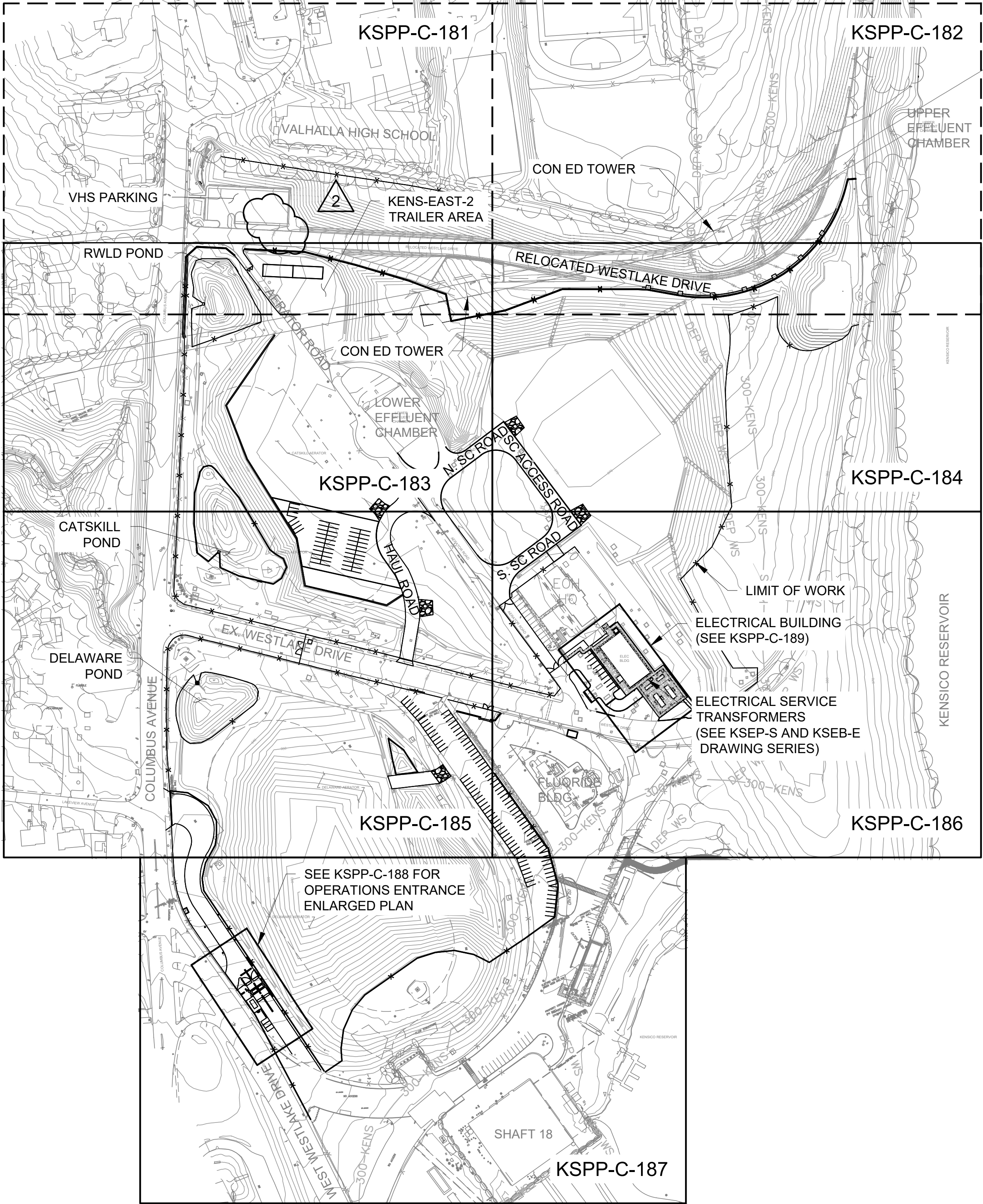


ADDENDUM NO. 2
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CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION		DATE: APRIL 2023
CIVIL NEW SITE OVERALL PLAN		SCALE: AS NOTED
		SHEET NO:
		DRAWING NO. KSPP-C-180.02



NEW SITE
OVERALL PLAN
SCALE: 1"=150'



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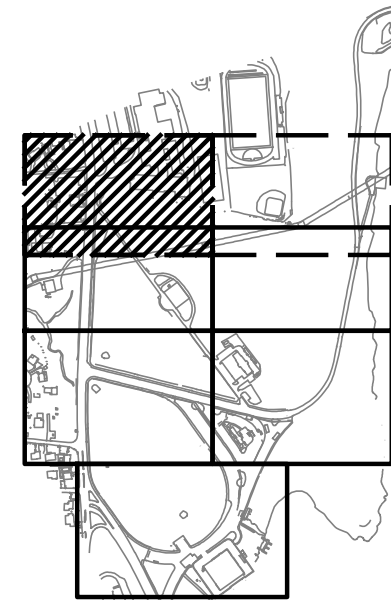


NOTES

1. PRIOR TO EXCAVATION, CONTRACTOR TO IDENTIFY, LOCATE, AND VERIFY DEPTH OF EXISTING UNDERGROUND UTILITIES.
2. GRASS PAVERS AROUND TRANSMISSION TOWERS TO BE INSTALLED WITH A MINIMUM 5 FT OFFSET FROM TOWER FOOTINGS. ANY WORK AROUND THE TOWERS TO BE COORDINATED WITH CON EDISON.

LEGEND

DIRECTION OF TRAFFIC



KEY PLAN

1"=40' 0 40 80 FT.

NEW SITE PLAN 1

SCALE: 1"=40'



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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CONVERSION (ft)

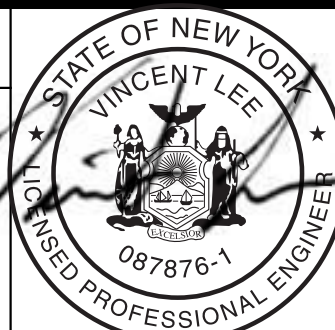
+1.28 - BWS

0 - NAVD88

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	VL

DESIGNED BY: ABA	DRAWN BY: EF
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
NEW SITE
PLAN 1

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSPP-C-181.01

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

1"=40' 0 40 80 FT.

SCALE: 1"=40'

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSP-182.02

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0 40 80 FT.
1"=40'

VERTICAL DATUM
CONVERSION (ft)

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				DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC	 	ACCOUNTABLE MANAGER JUSTIN RIVELLINO	*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.* www.nyc.gov/dep	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL NEW SITE PLAN 3	DATE: APRIL 2023
			CHECKED BY: DD, MR				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
			DESIGN LEAD: SEBASTIAN LOPEZ, PE				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE							DRAWING NO. KSPP-C-183.01
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.								

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Drawing File Name & Drive Location: (command "zoom" "E")


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1	07/2023	ADDENDUM #1	SL
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	



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PORTFOLIO MANAGER LAUREN D'ATILE, PE	
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE	

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- NOTES:
1.

CONTRACTOR SHALL RAISE/LOWER MANHOLE AND HANDHOLE ELEVATIONS TO MAINTAIN ACCESS/OPERABILITY OF EXISTING KENSICO SITE UTILITIES



GRADING
OVERALL PLAN
SCALE: 1"=150'



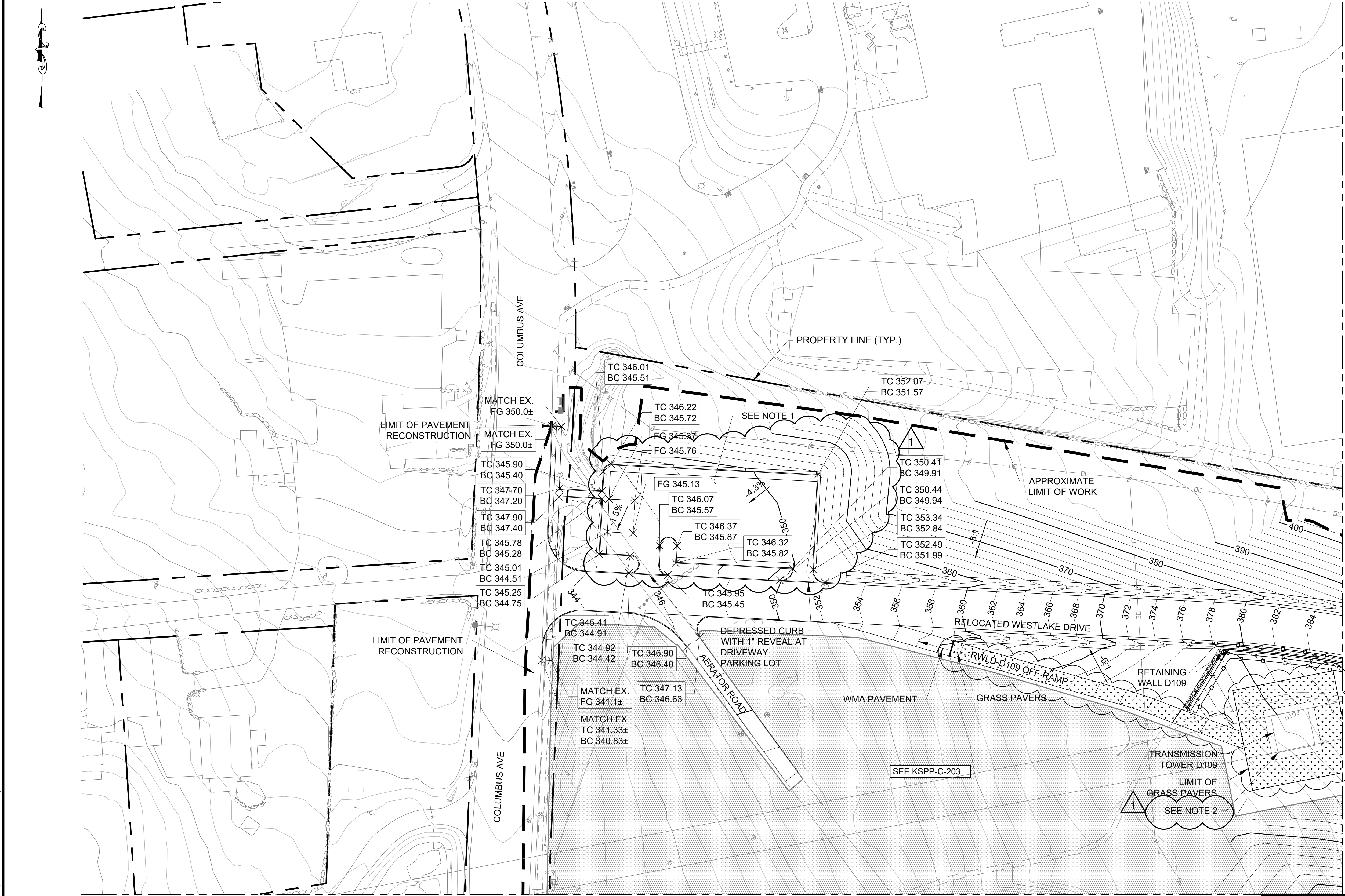
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
GRADING
OVERALL PLAN

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:

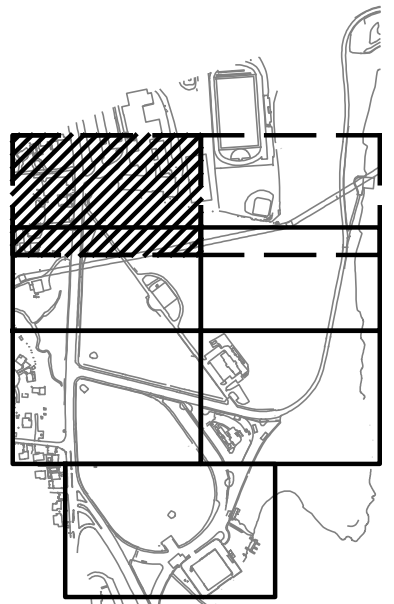
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NOTES

- REFER TO DWG. KSPP-C-225.0 FOR ADDITIONAL PARKING LOT GRADING INFORMATION.
- CONTRACTOR SHALL VERIFY-IN-FIELD LOCATION OF EXISTING CON EDISON TOWER GROUNDING SYSTEM. IN THE EVENT GROUNDING CABLES CONFLICT WITH FINAL GRADING, THE CONTRACTOR SHALL COORDINATE WITH CON EDISON AND RELOCATE GROUNDING CABLES TO THE REQUIRED DEPTH BELOW FINAL GRADE.



KEY PLAN



MATCHLINE, SEE SHEET KSPP-C-203

GRADING
PLAN 1
SCALE: 1"=40'



ADDENDUM NO. 2
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DESIGNED BY: ABA	DRAWN BY: EF
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	
APPR'D.	

ARUP



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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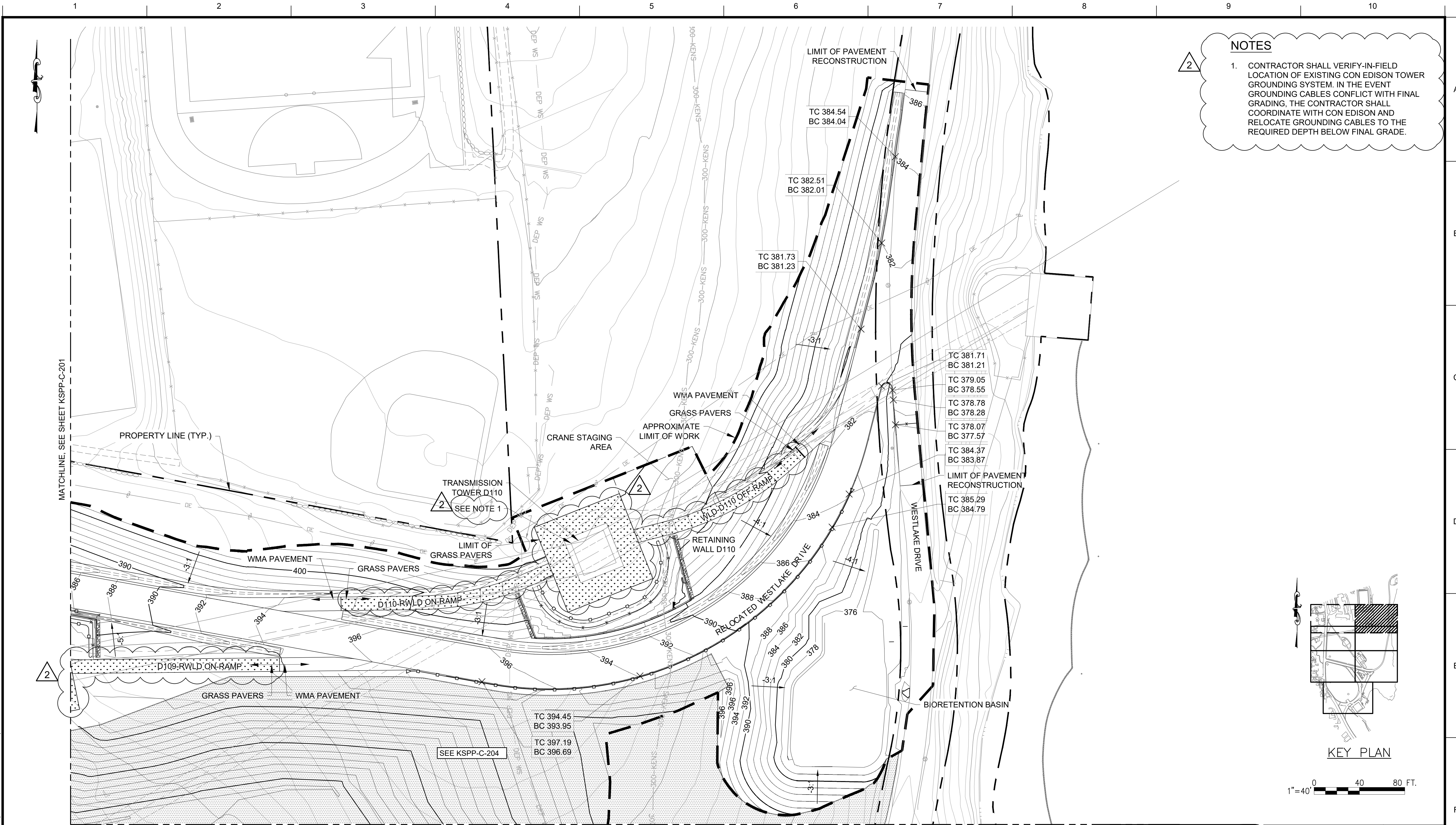
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
GRADING
PLAN 1

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
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KSPP-C-201.01

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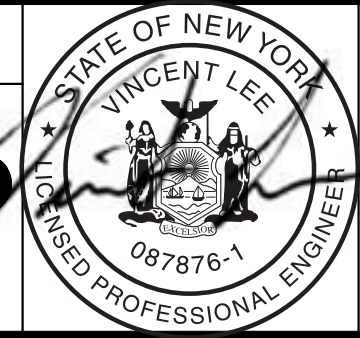
1. CONTRACTOR SHALL VERIFY-IN-FIELD LOCATION OF EXISTING CON EDISON TOWER GROUNDING SYSTEM. IN THE EVENT GROUNDING CABLES CONFLICT WITH FINAL GRADING, THE CONTRACTOR SHALL COORDINATE WITH CON EDISON AND RELOCATE GROUNDING CABLES TO THE REQUIRED DEPTH BELOW FINAL GRADE.

GRADING
PLAN 2
SCALE: 1"=40'

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
2	7/23	ADDENDUM #2	VL
1	5/23	ADDENDUM #1	VL

DESIGNED BY: ABA	ARUP
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	

DRAWN BY:
EF



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

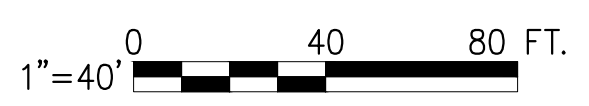
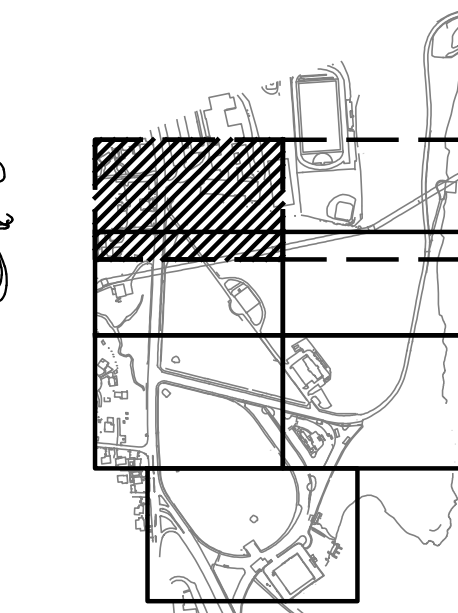
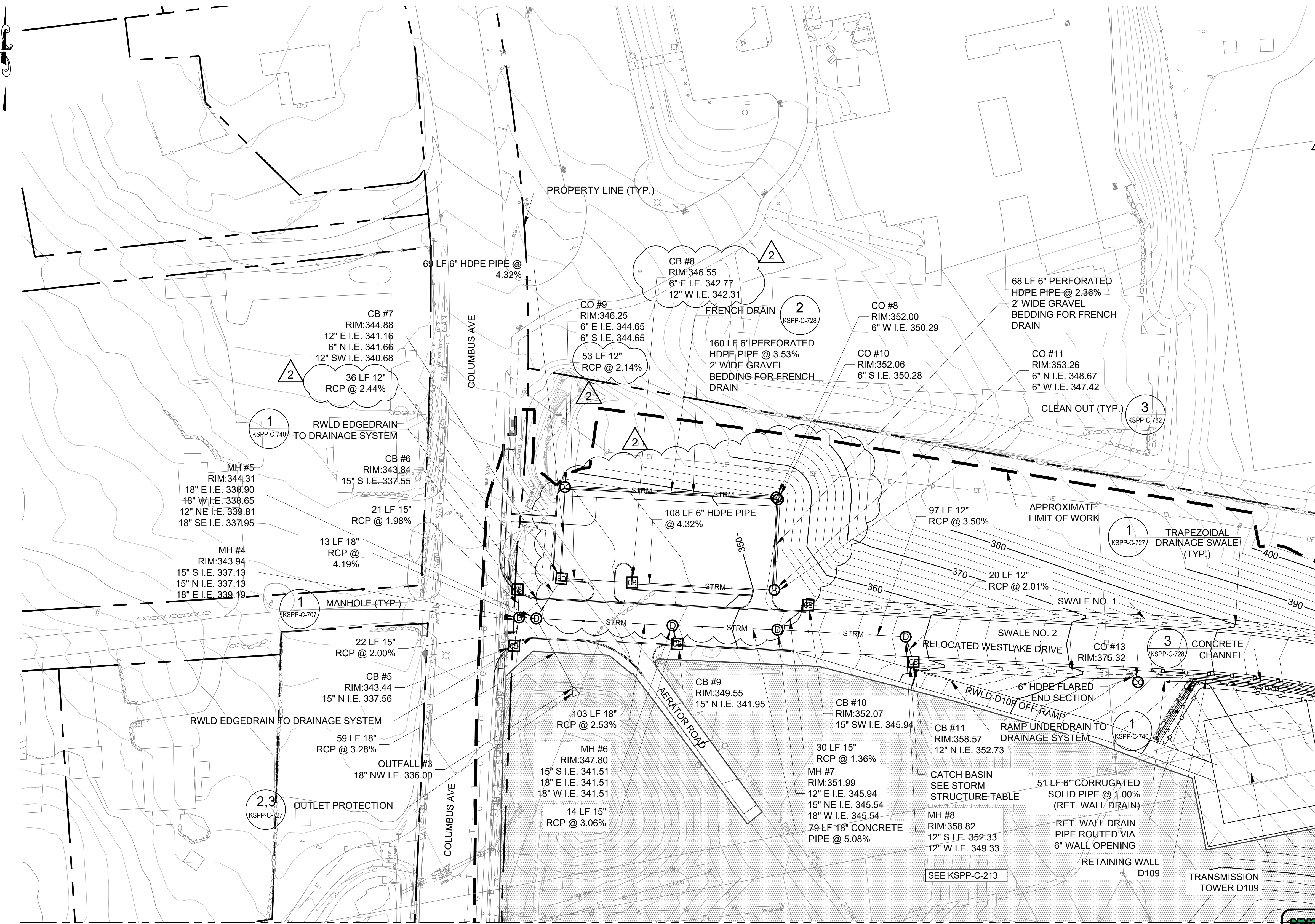
CIVIL
GRADING
PLAN 2

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:

DRAWING NO.
KSPP-C-202.02

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STORM STRUCTURE TABLE			
NUMBER	NORTHING	EASTING	REFERENCE
CB #5	822824.03	691368.42	KSPP-C-709, 1
CB #6	822866.68	691371.05	KSPP-C-709, 1
CB #7	822874.84	691404.24	KSPP-C-709, 1
CB #8	822871.87	691457.62	KSPP-C-709, 1
CB #9	822825.50	691491.65	KSPP-C-709, 1
CB #10	822854.78	691590.59	KSPP-C-709, 2 WITH STORMRAX PEAK GRATE OR APPROVED EQUAL
CB #11	822811.88	691670.07	KSPP-C-709, 2 WITH STORMRAX PEAK GRATE OR APPROVED EQUAL
CO #8	822936.17	691566.42	KSPP-C-762, 3
CO #9	822943.94	691406.94	KSPP-C-762, 3
CO #10	822934.60	691567.77	KSPP-C-762, 3
CO #11	822866.22	691564.99	KSPP-C-762, 3
CO #13	822796.53	691839.68	KSPP-C-762, 3
MH #4	822845.34	691372.28	KSPP-C-707, 1
MH #5	822844.71	691385.15	KSPP-C-707, 1
MH #6	822839.40	691488.06	KSPP-C-707, 1
MH #7	822836.22	691567.26	KSPP-C-707, 1
MH #8	822830.84	691664.08	KSPP-C-707, 1
Outfall #3	822792.35	691413.21	Concrete Flared End Section



MATCHLINE, SEE SHEET KSPP-C-213
DRAINAGE PLAN 1
SCALE: 1"=40'-0"



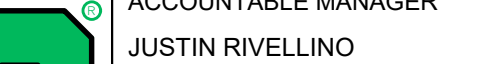
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				CHECKED BY: VL		PORTFOLIO MANAGER LAUREN D'ATILE, PE		SCALE: AS NOTED				
2	7/23	ADDENDUM #2	VL	DESIGN LEAD: VINCENT LEE, PE		DEPUTY DIRECTOR, IN HOUSE DESIGN		DRAWING NO. KSPP-C-211.02				
1	5/23	ADDENDUM #1	VL	SECTION MANAGER:		MICHAEL LOEHR, PE						
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.								

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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
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1	07/2023	ADDENDUM #1	SL
		DESIGNED BY: SL, MT, AF, PS, MH	
		CHECKED BY: DD, MR	
		DESIGN LEAD: SEBASTIAN LOPEZ, PE	
		SECTION MANAGER: ALEXANDER LOPEZ, PE	

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."
PORTFOLIO MANAGER LAUREN D'ATTILE, PE	
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE	

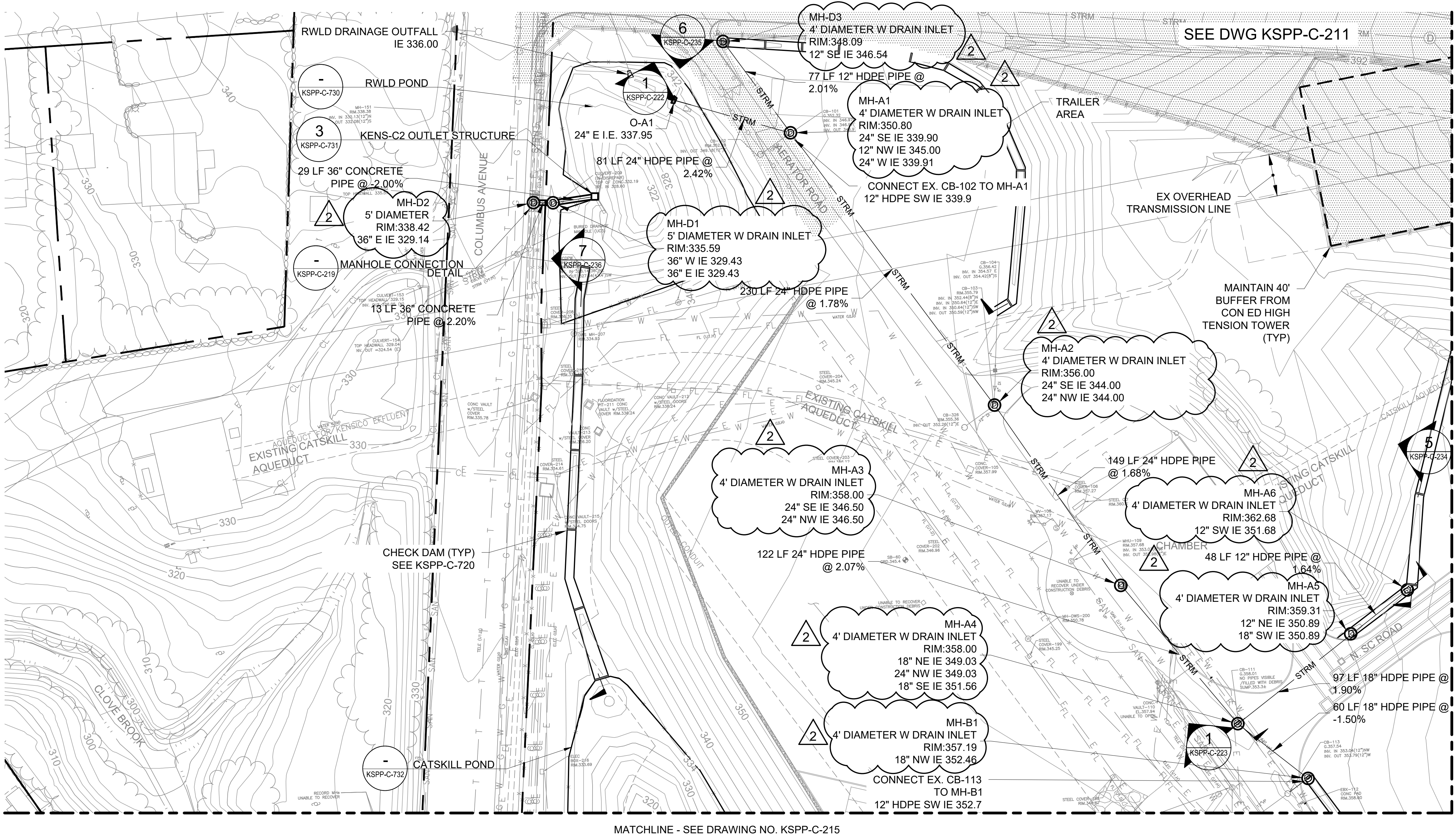
NEW YORK CITY
ENVIRONMENTAL PROTECTION
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DATE ISSUED: 07/2023

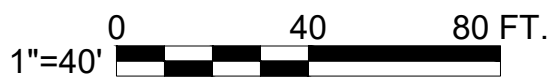
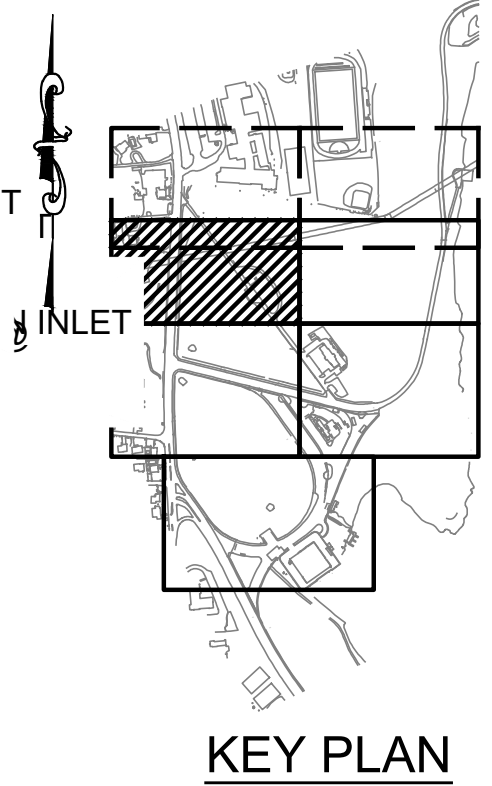
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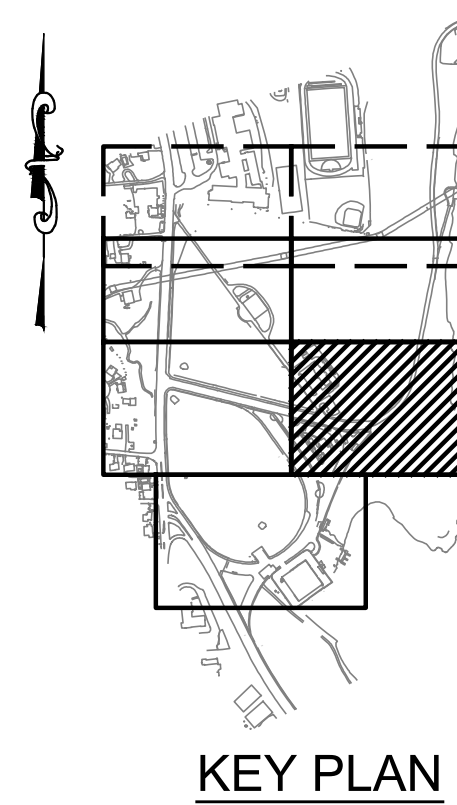
CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: APRIL 2023
CIVIL DRAINAGE PLAN 3	SCALE: AS NOTED
	SHEET NO:
	DRAWING NO. KSPP-C-213.02

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DRAINAGE PLAN 3
SCALE: 1"=40'





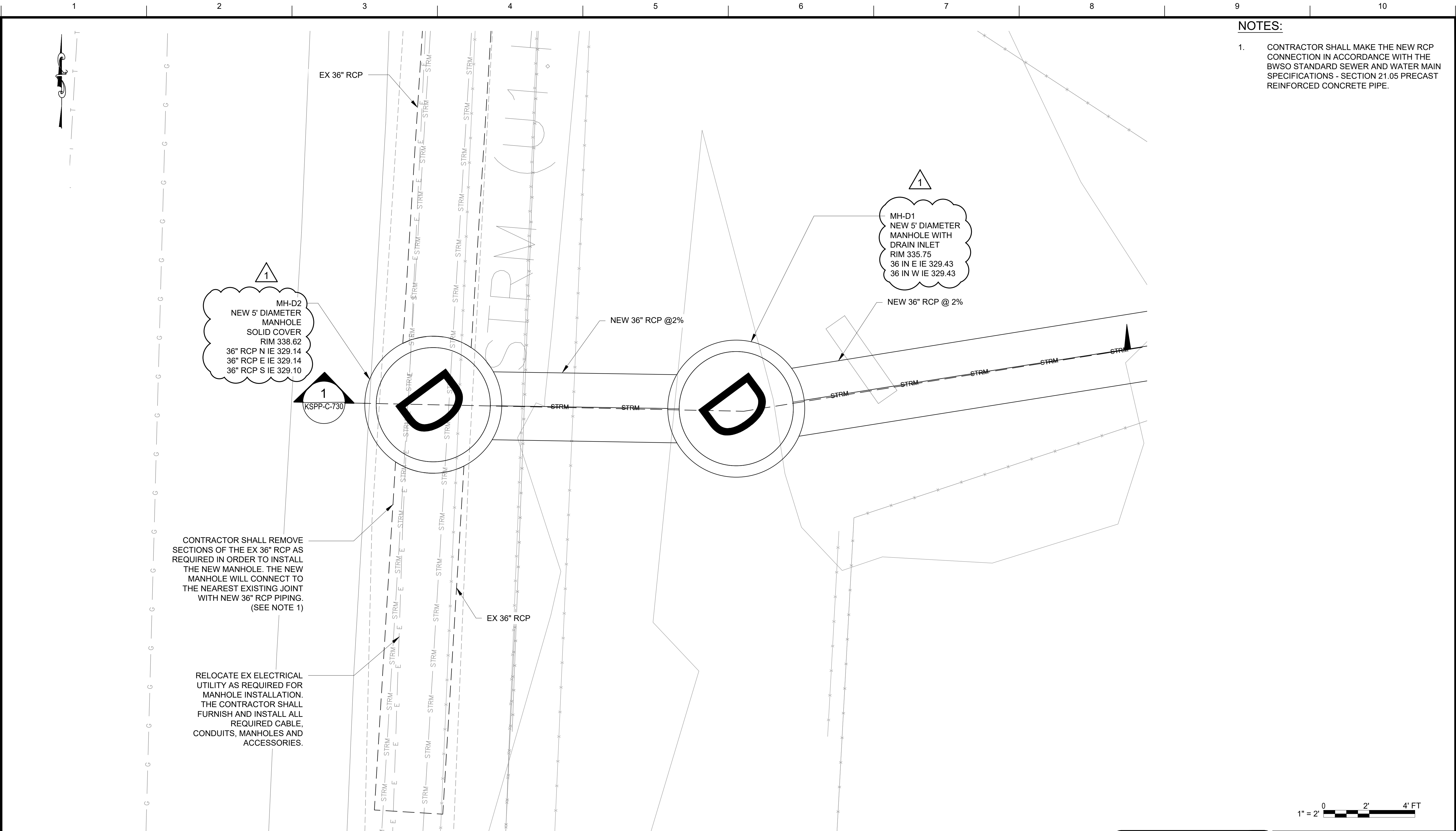
SCALE: 1"=40'

SCALE: 1"=40'

<p align="center">CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION</p> <p align="center">CIVIL DRAINAGE PLAN 6</p>	DATE: APRIL 2023
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- NOTES:**
- CONTRACTOR SHALL MAKE THE NEW RCP CONNECTION IN ACCORDANCE WITH THE BWSO STANDARD SEWER AND WATER MAIN SPECIFICATIONS - SECTION 21.05 PRECAST REINFORCED CONCRETE PIPE.

DRAINAGE
RWLD POND MANHOLE CONNECTION DETAIL
SCALE: 1"=2'



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GRAPHIC SCALES
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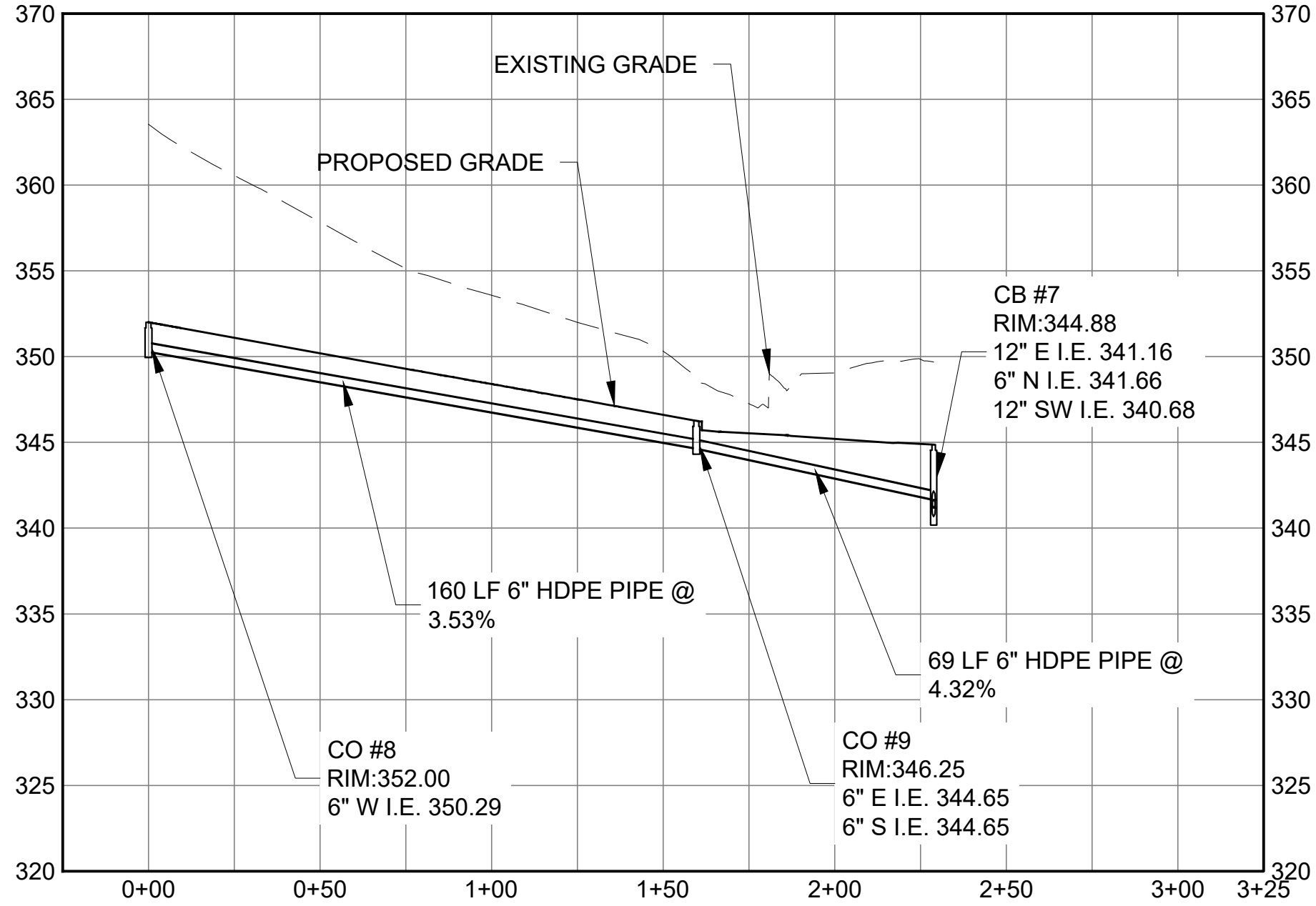
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CONVERSION (ft)
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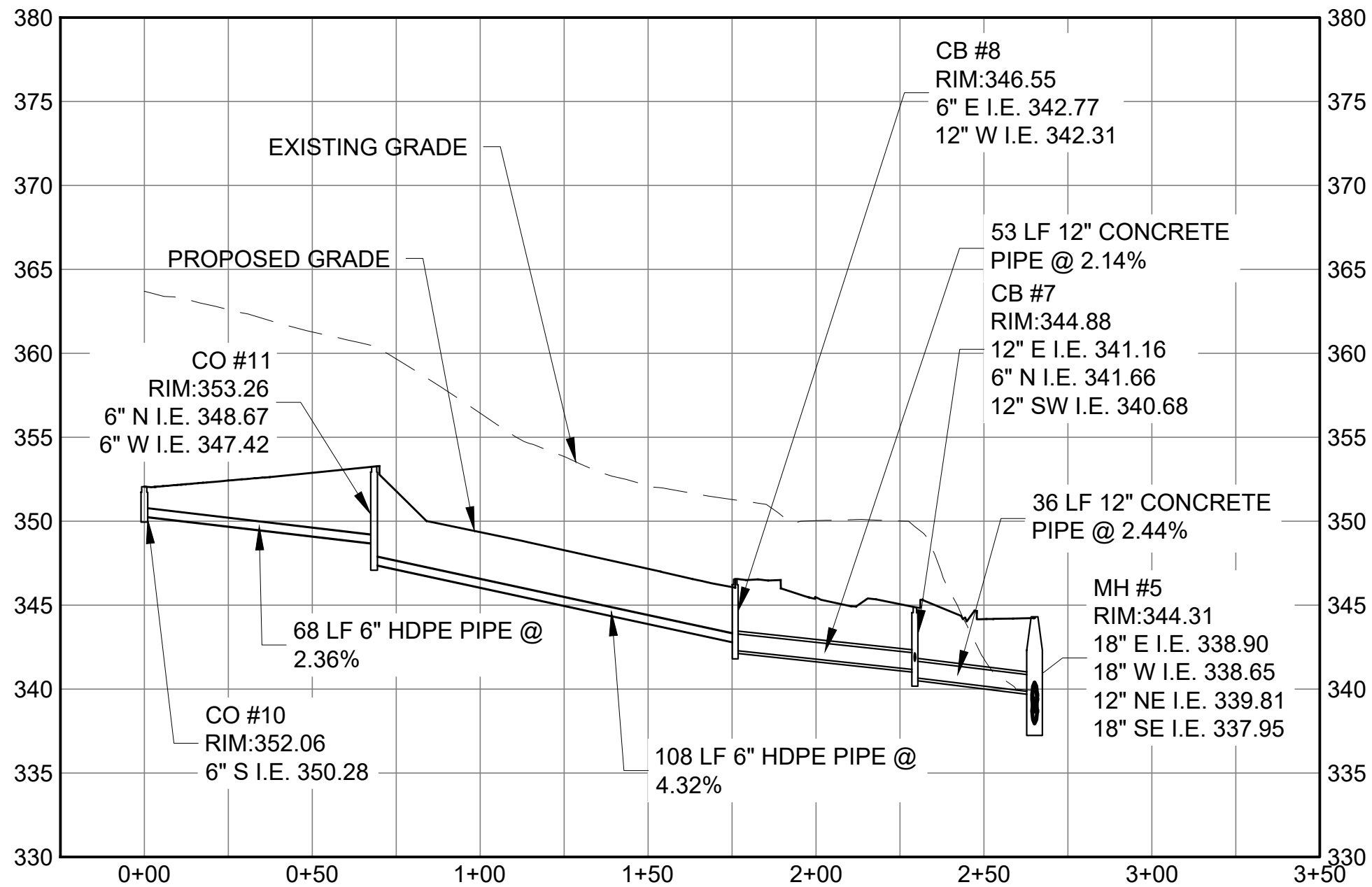
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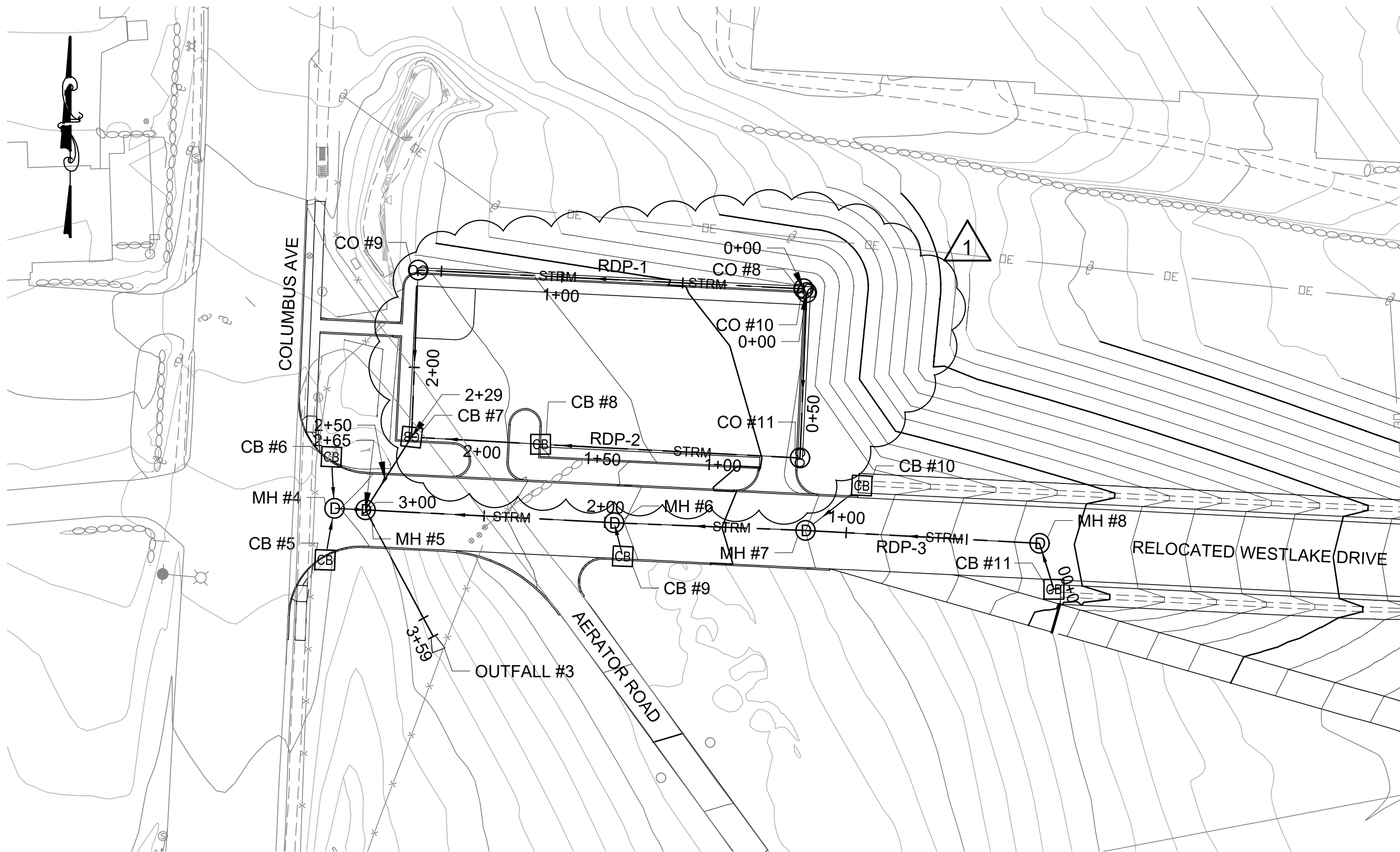
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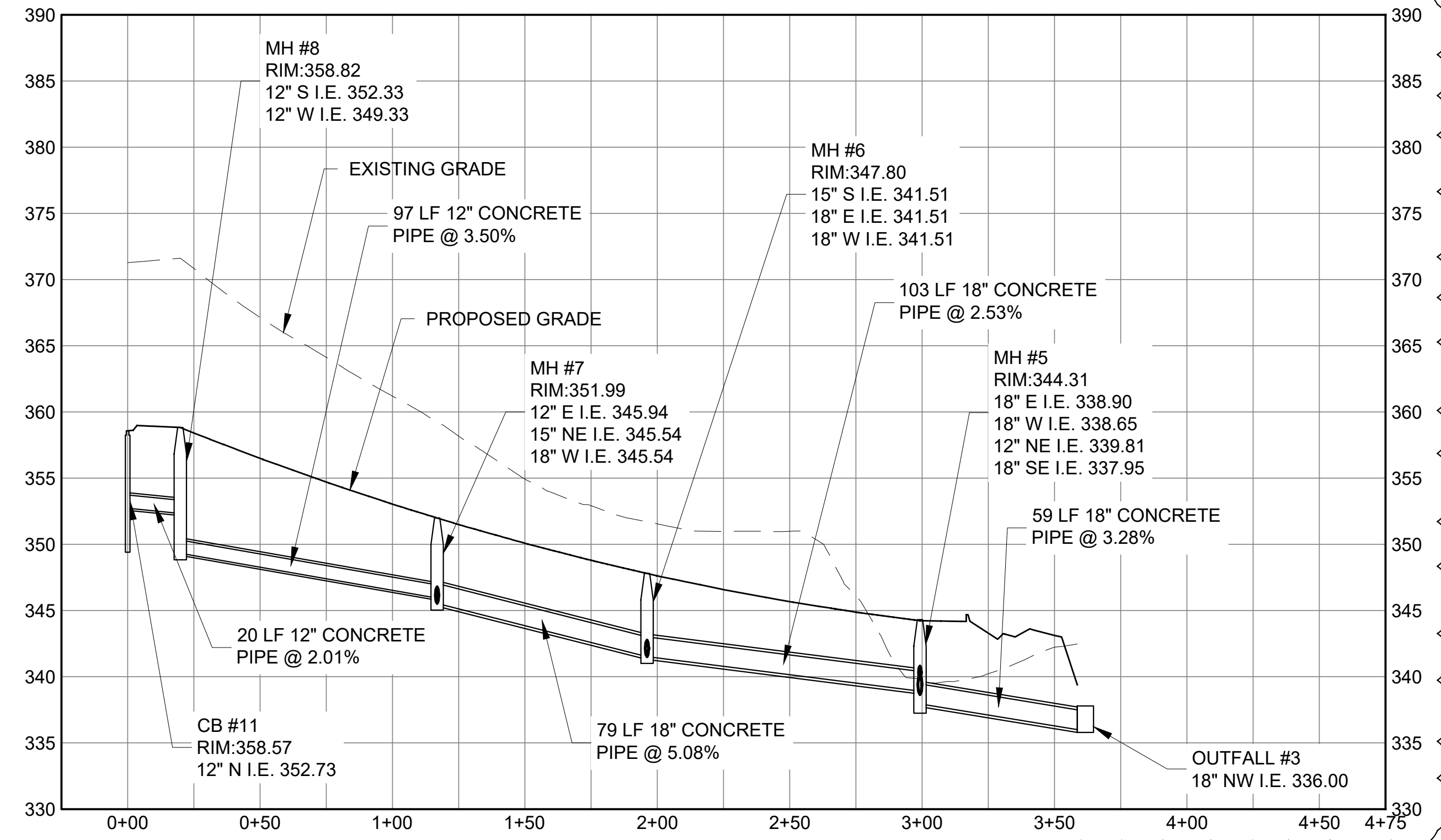
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SCALE: NTS



2 ROADWAY DRAINAGE PROFILE RDP-2
SCALE: NTS



4 ROADWAY DRAINAGE PLAN
SCALE: NTS



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ABA
CHECKED BY:
VL
DESIGN LEAD:
VINCENT LEE, PE
SECTION MANAGER:

DRAWN BY:
EF
ARUP



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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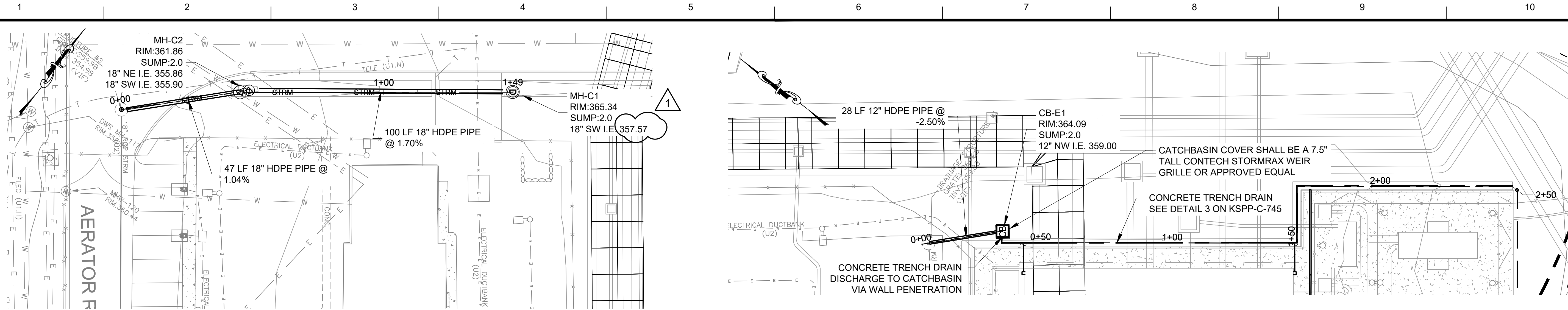
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**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
DRAINAGE PROFILE
SHEET 1

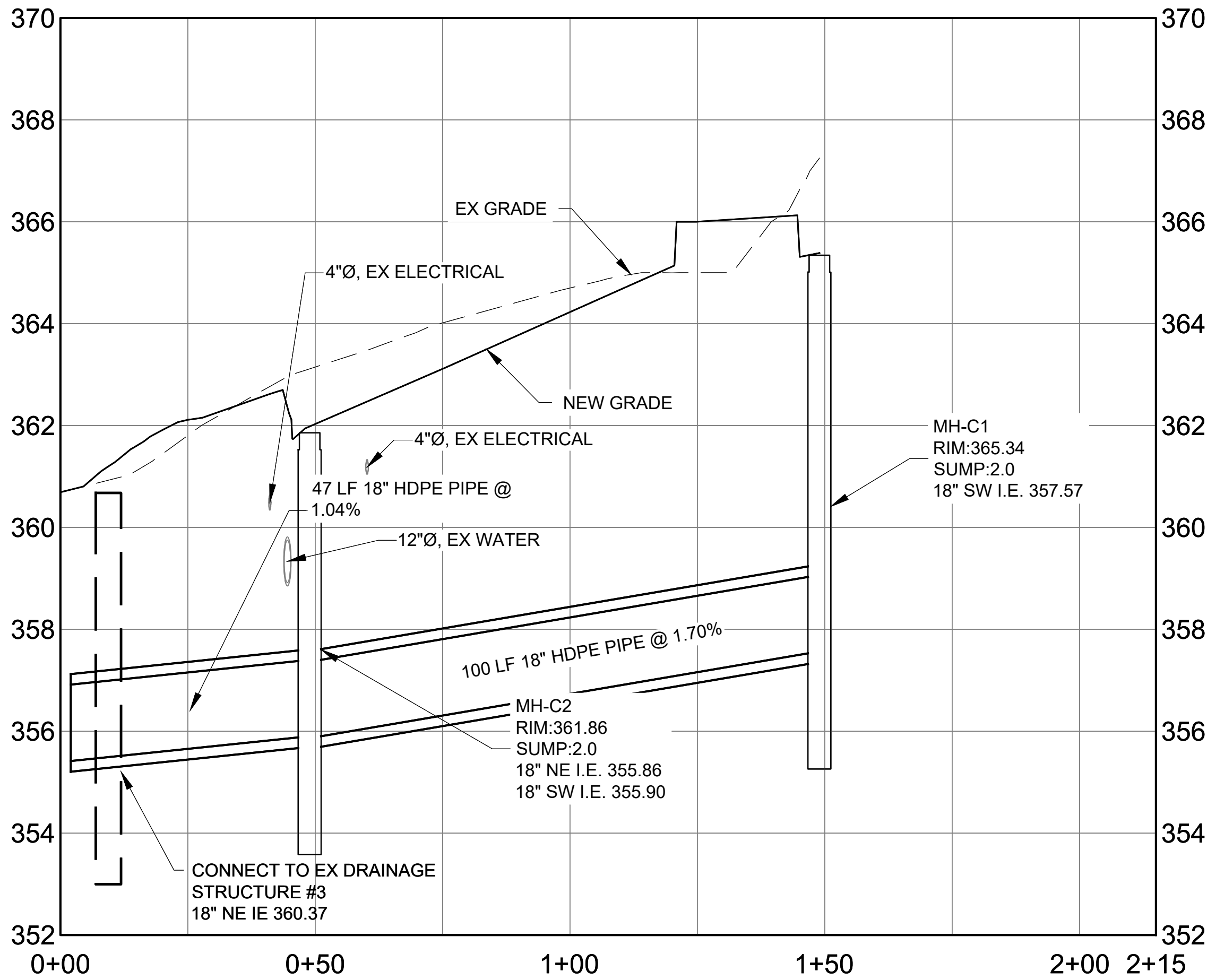
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KSPP-C-220.01

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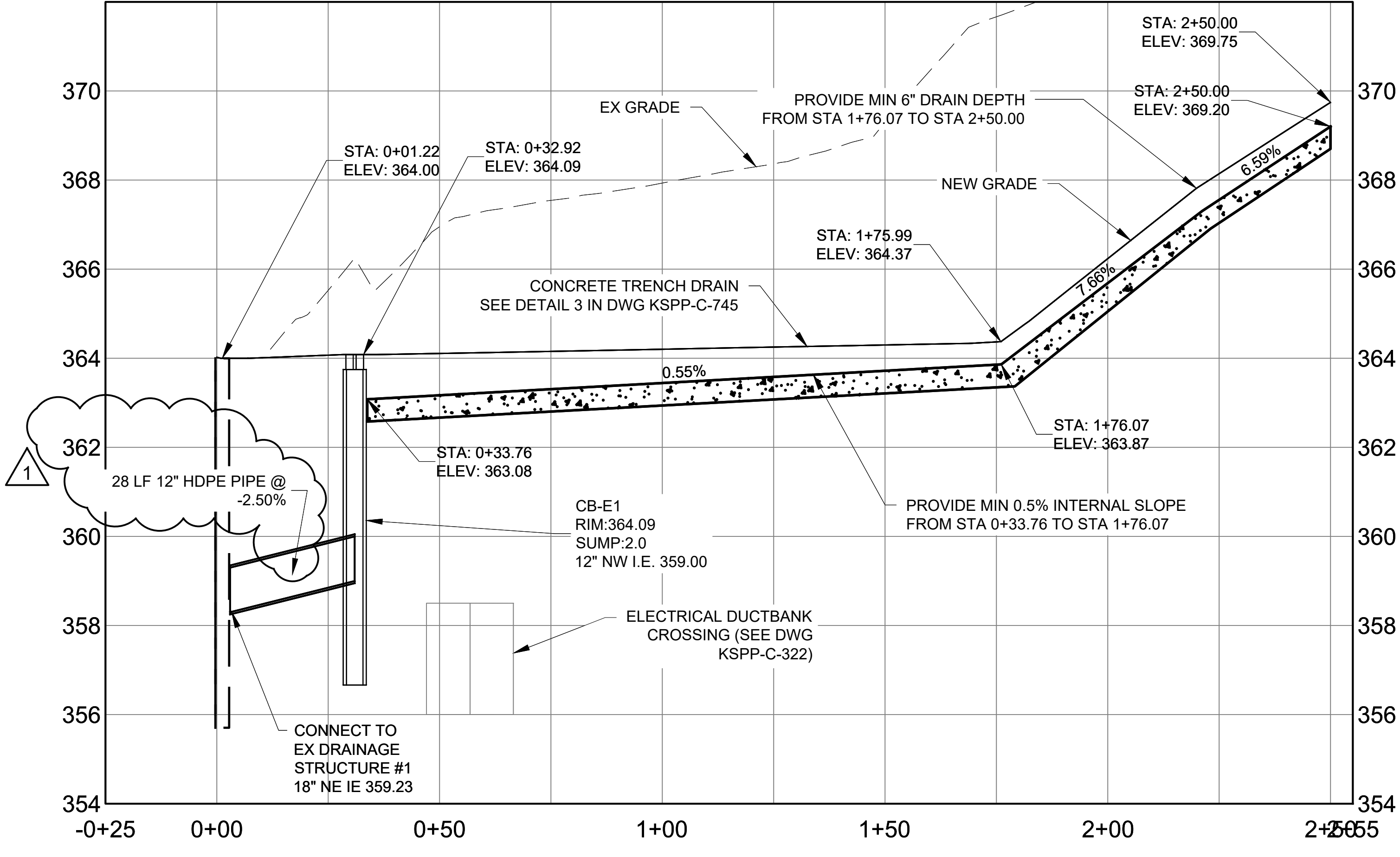


AERATOR STORM PIPE PLAN
SCALE: 1" = 20'

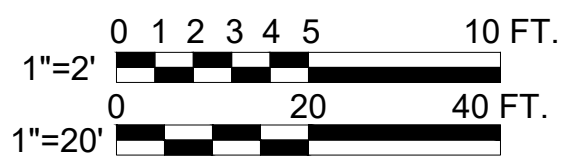
ELECTRICAL BLDG CONCRETE TRENCH DRAIN PLAN
SCALE: 1" = 20'



3 AERATOR STORM PIPE PROFILE
HOR SCALE: 1" = 20'
VERT SCALE: 1" = 2'

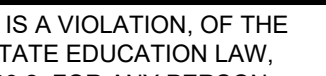



4 ELECTRICAL BLDG CONCRETE TRENCH DRAIN PROFILE
HOR SCALE: 1" = 20'
VERT SCALE: 1" = 2'



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			CHECKED BY: DD, MR					PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
			DESIGN LEAD: SEBASTIAN LOPEZ, PE					DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE								
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

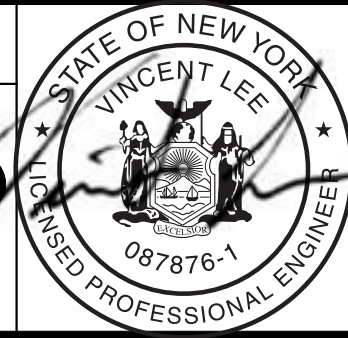
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	VL

DESIGNED BY: ABA	DRAWN BY: EF
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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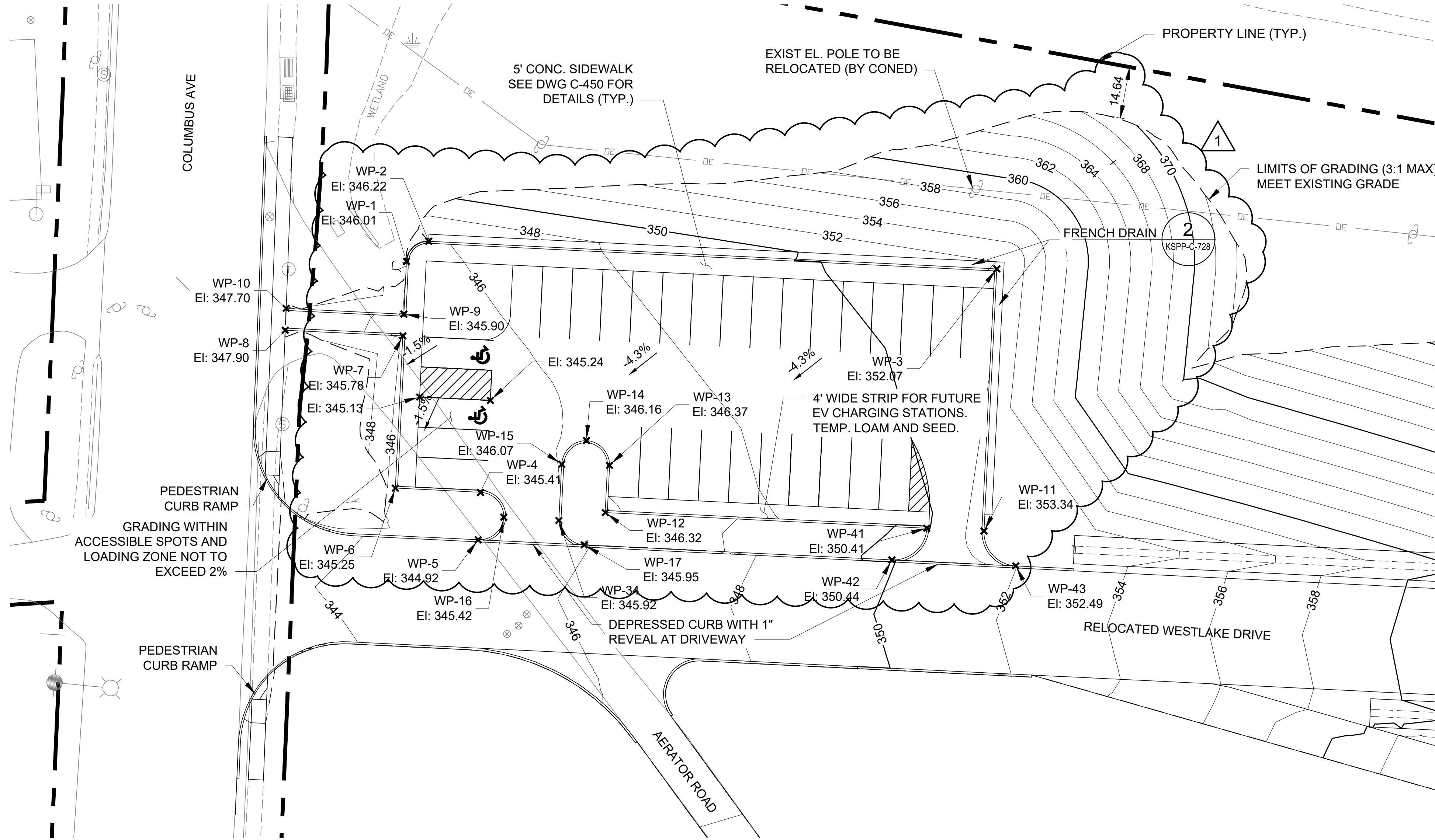
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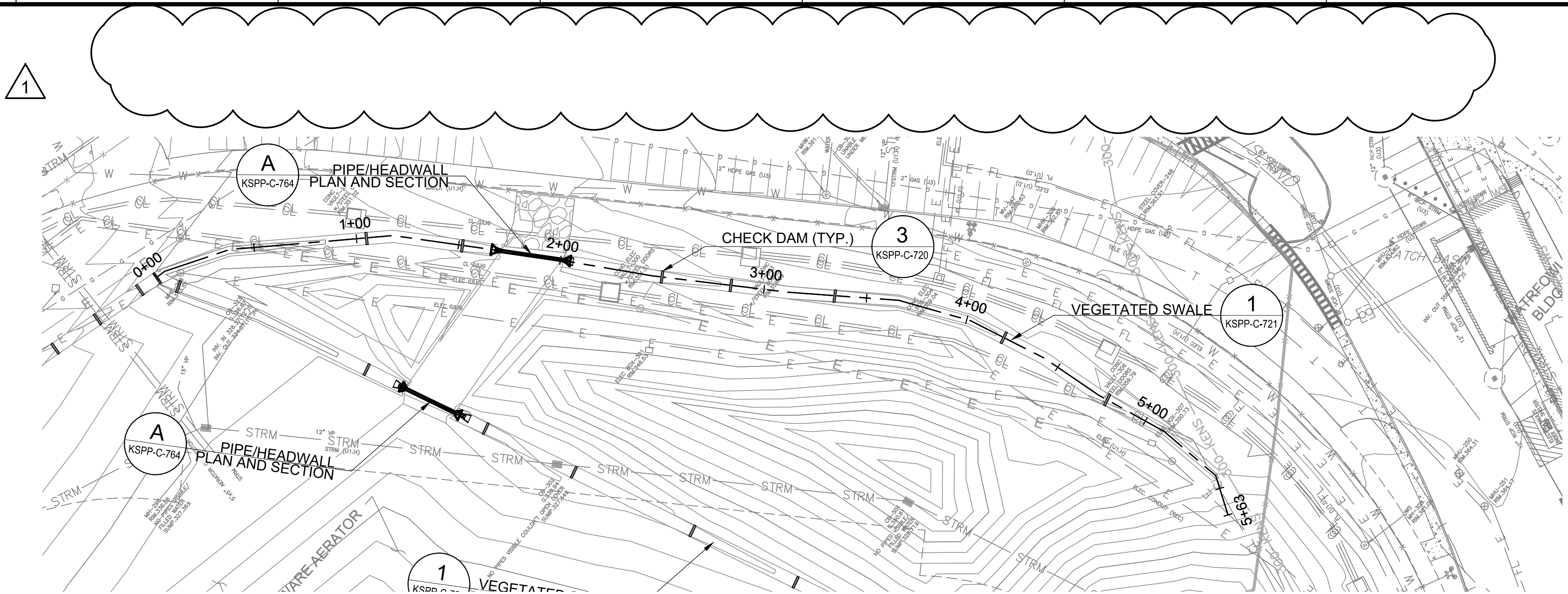
CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: JULY 2023
CIVIL PARKING LOT GRADING	SCALE: AS NOTED
DRAWING NO. KSPP-C-225.01	SHEET NO:

NOTES

- FOR WP POINT COORDINATES REFER TO POINT TABLE ON DWG KSPP-C-402.
- ALL WP ELEVATIONS PRESENT TOP OF CURB.
- FOR PARKING LOT SIGNING AND STRIPING PLAN REFER TO DWG KSPP-C-482.
- FOR PARKING LOT LIGHTING AND ELECTRICAL WIRING REFER TO DWG KFSC-E-420.

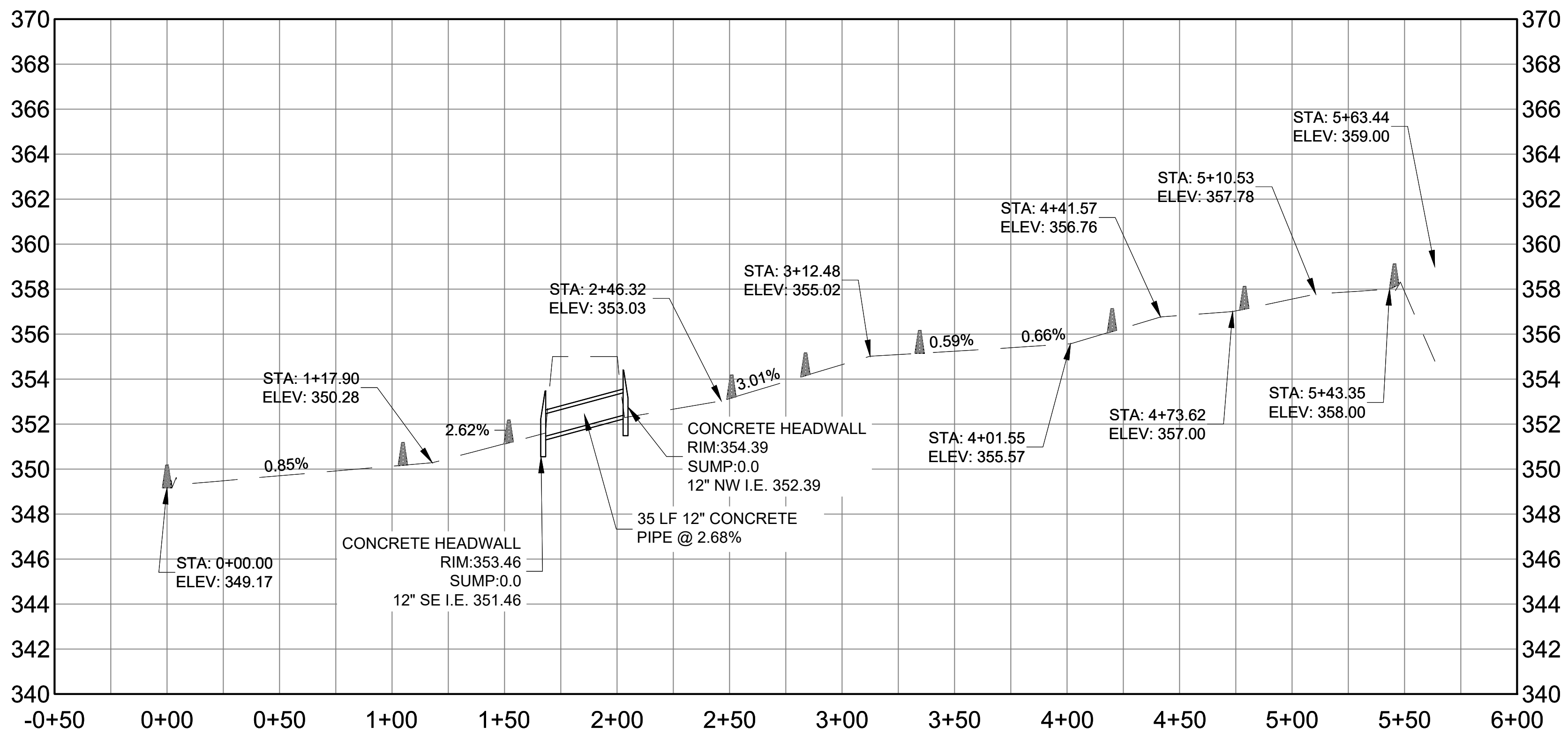


1"=20'
0 20 40 FT.



EAST DELAWARE SWALE PLAN

SCALE: 1" = 40'



EAST DELAWARE SWALE PROFILE

HOR SCALE: 1" = 40'
VERT SCALE: 1" = 4'



ADDENDUM NO. 2

DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

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

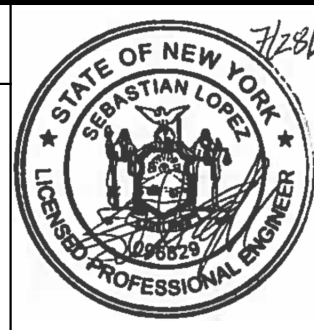
VERTICAL DATUM
CONVERSION (ft)

+1.28 - BWS

0 - NAVD88

DESIGNED BY:	SL, MT, AF, PS, MH
CHECKED BY:	DD,MR
DESIGN LEAD:	SEBASTIAN LOPEZ,PE
SECTION MANAGER:	ALEXANDER LOPEZ, PE

DRAWN BY:	CC,JC
-----------	-------



ACCOUNTABLE MANAGER	JUSTIN RIVELLINO
PORTFOLIO MANAGER	LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN	MICHAEL LOEHR, PE

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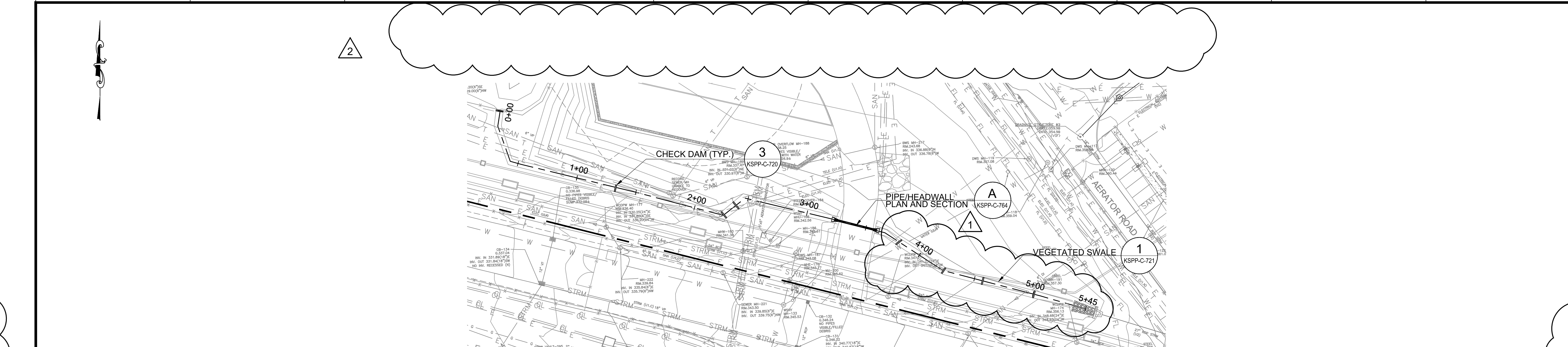
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
DRAINAGE SWALE PROFILES
SHEET 3

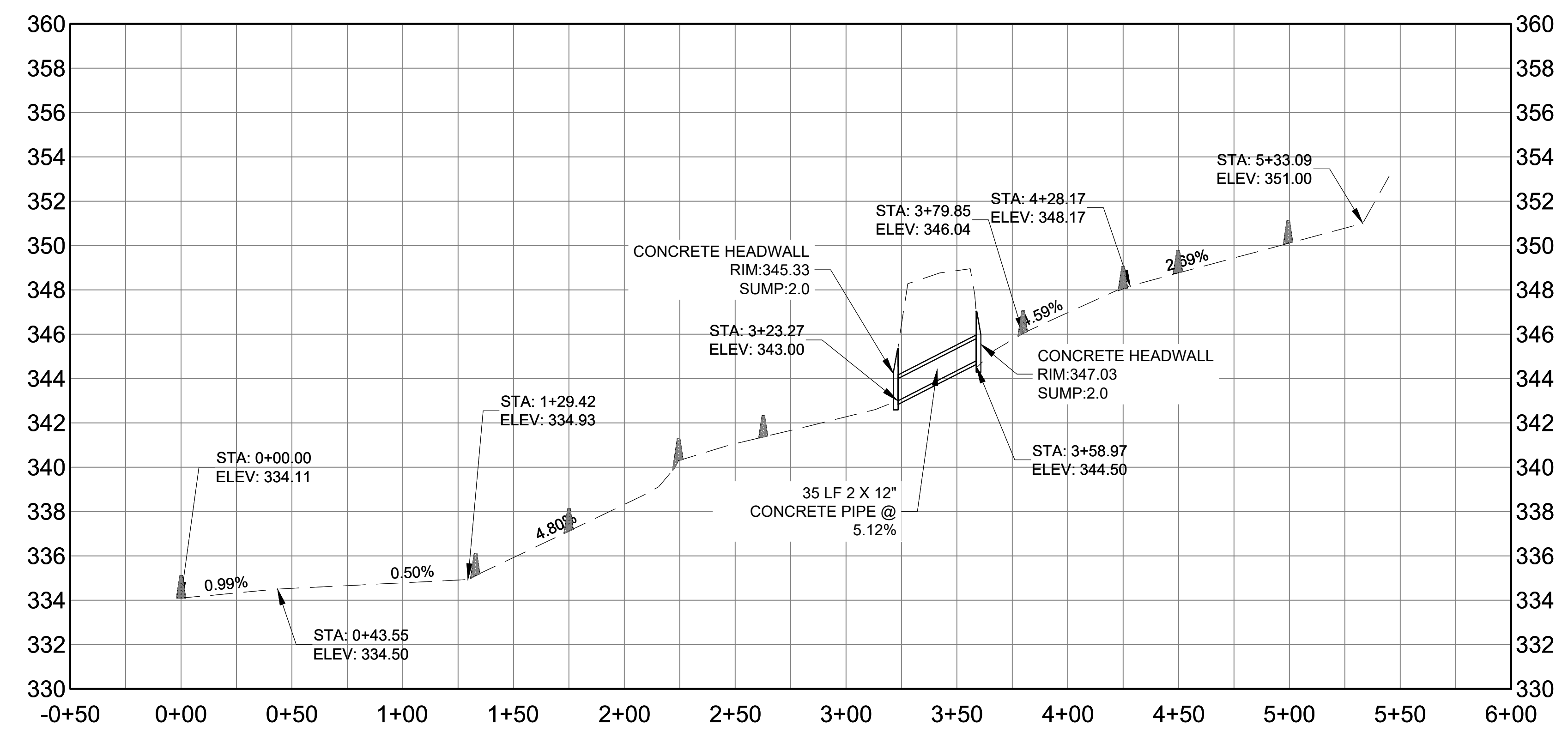
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DRAWING NO.	KSP-P-C-232.01

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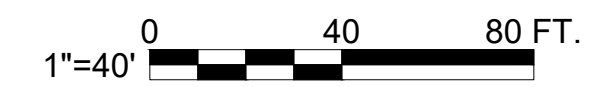
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Drawing File Name & Drive Location: (command "zoom" "E")




SOUTH CATSKILL SWALE PLAN
SCALE: 1" = 40'



4 SOUTH CATSKILL SWALE PROFILE
HOR SCALE: 1" = 40'
VERT SCALE: 1" = 4'




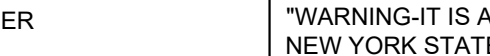
**ADDENDUM NO. 2**
DATE ISSUED: 07/2023

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SCALE ACCORDINGLY

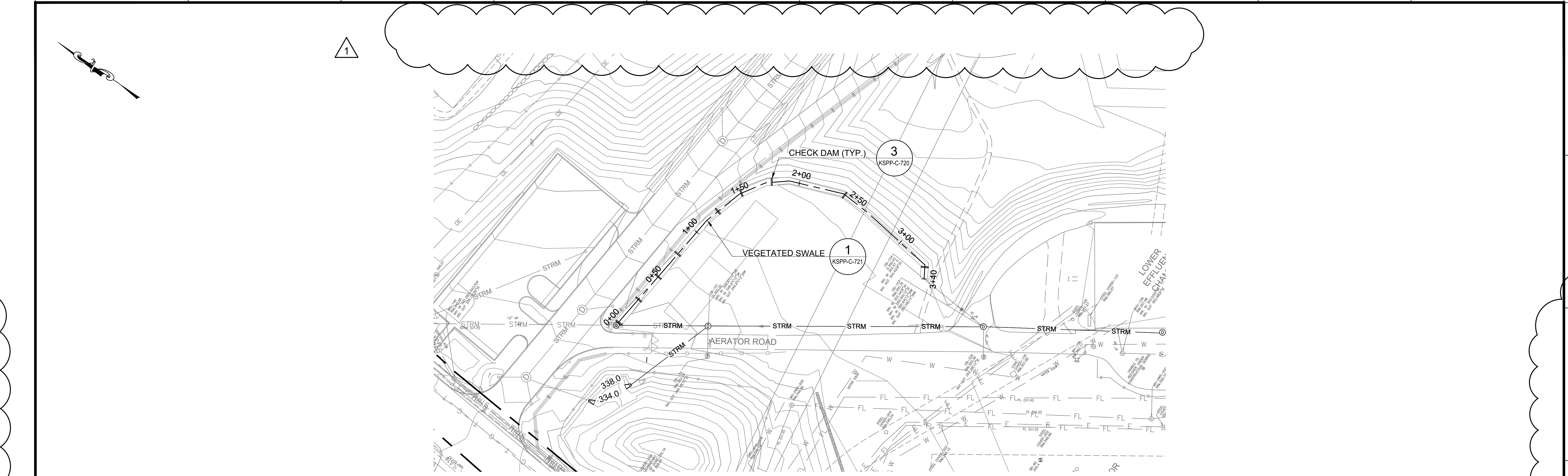
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CONVERSION (ft)
+1.28 - BWS

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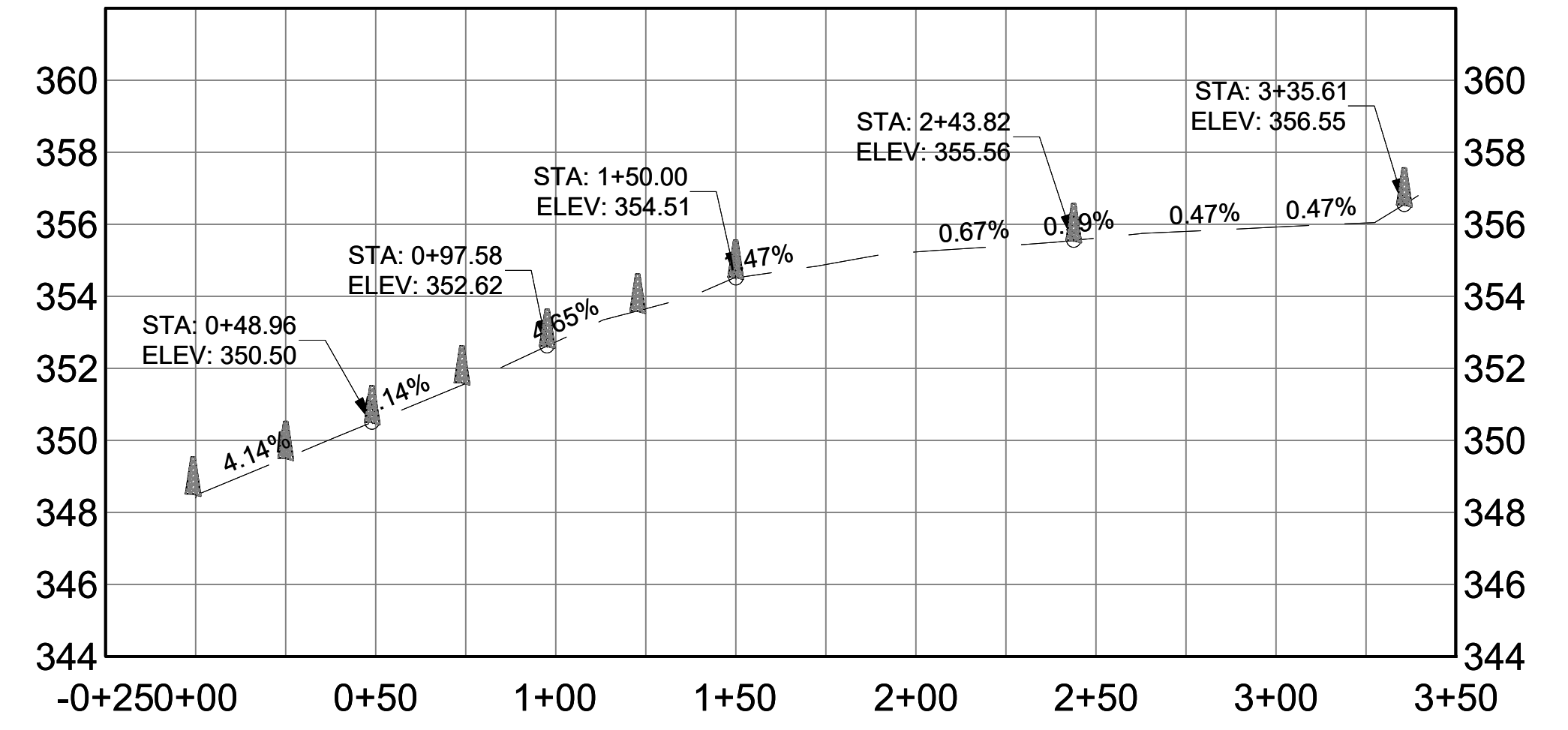
				DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC,JC			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL DRAINAGE SWALE PROFILES SHEET 4	DATE: APRIL 2023
				CHECKED BY: DD,MR				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: SEBASTIAN LOPEZ,PE				DEPUTY DIRECTOR, IN HOUSE DESIGN				DRAWING NO. KSP-P-C-233.02
				SECTION MANAGER: ALEXANDER LOPEZ, PE				MICHAEL LOEHR, PE				
2	7/23	ADDENDUM #2	SL									
1	7/23	ADDENDUM #1	SL									
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.								

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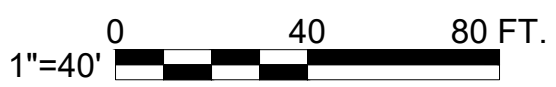
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Drawing File Name & Drive Location: (command "zoom" "E")




TRAILER AREA SWALE PLAN
SCALE: 1" = 40'



6 TRAILER AREA SWALE PROFILE
HOR SCALE: 1" = 40'
VERT SCALE: 1" = 4'







ADDENDUM NO. 2
DATE ISSUED: 07/2023

GRAPHIC SCALES
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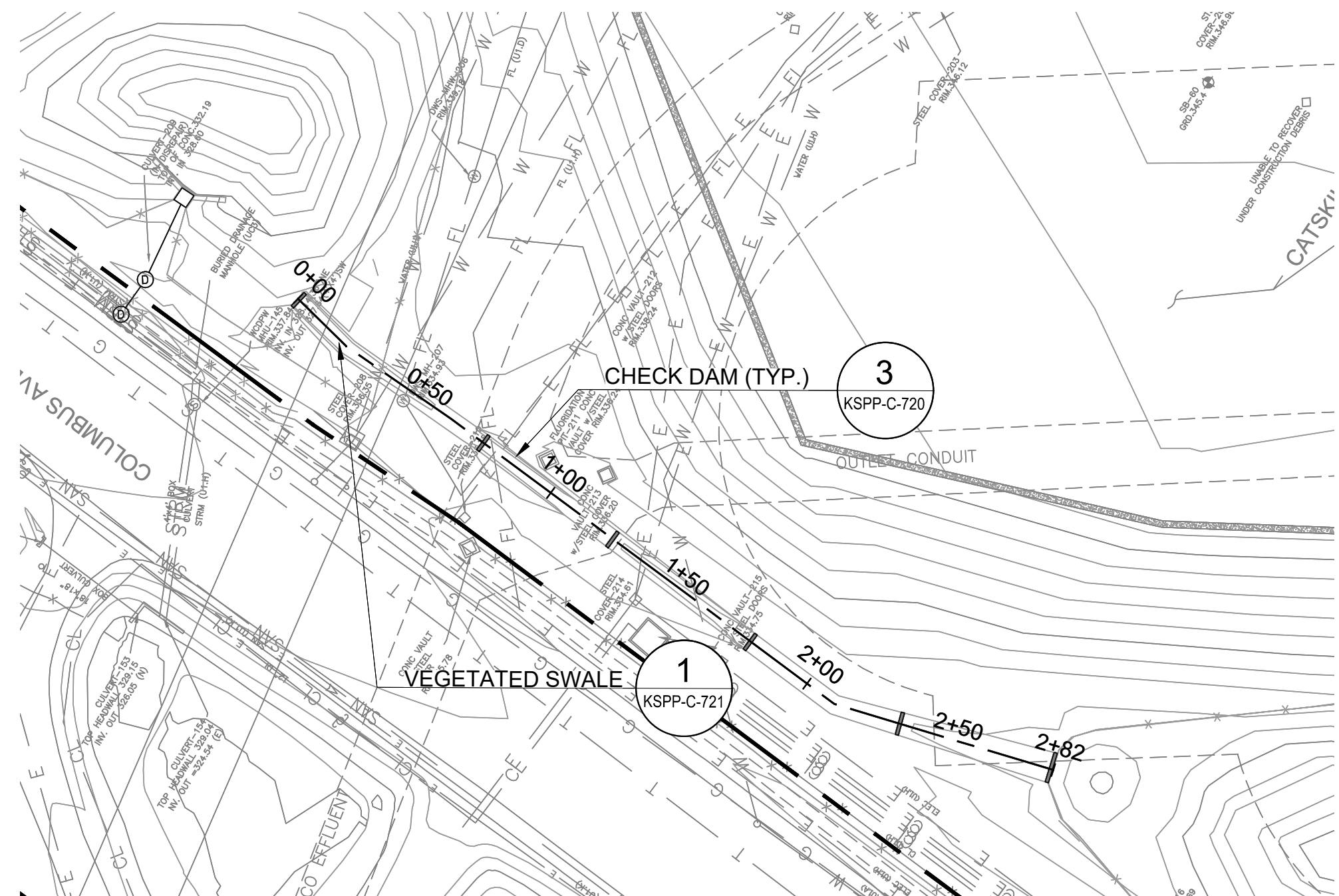
IF SHEET IS LESS THAN 22" X 34"
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SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
+1.28 - BWS
0 - NAVD88

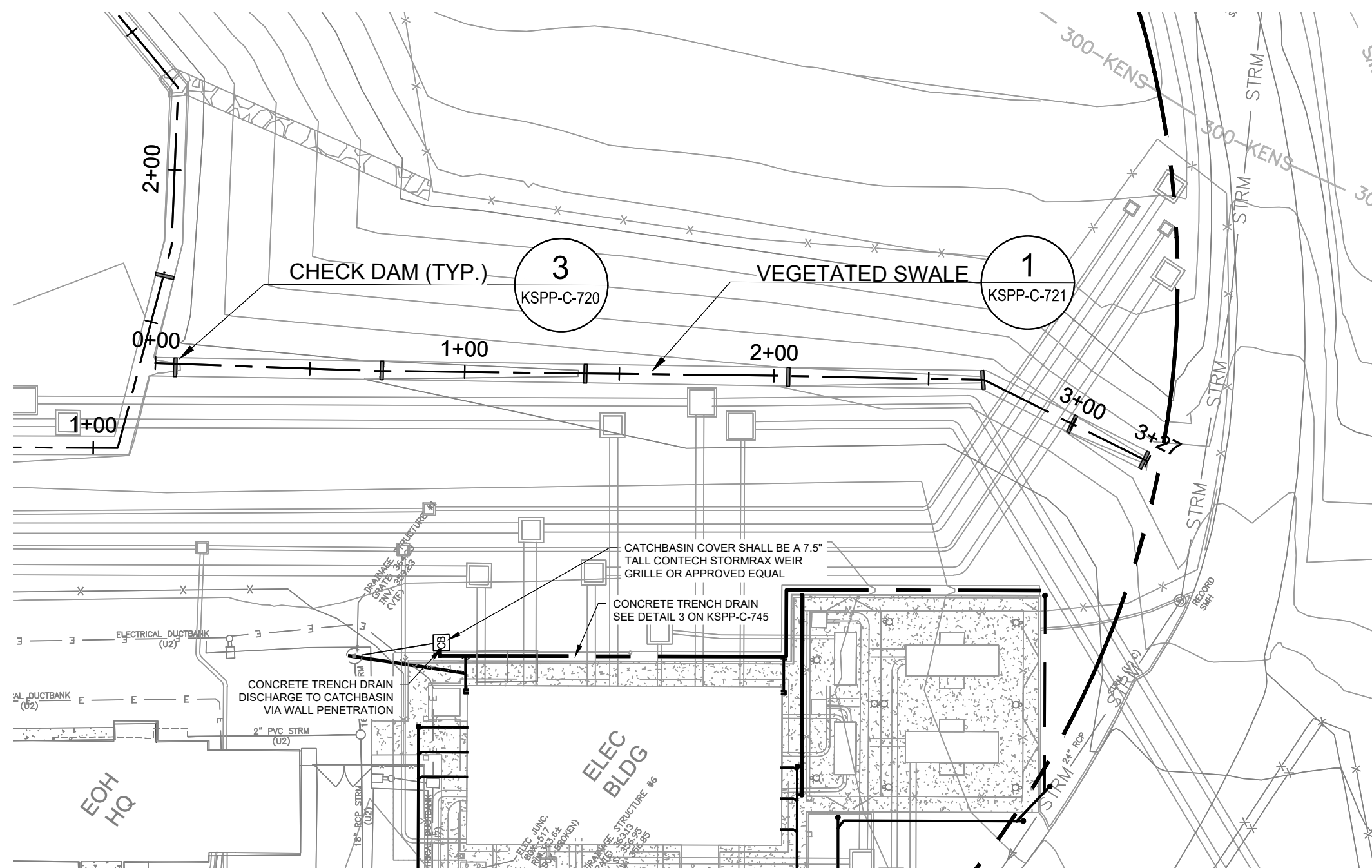
				DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC,JC			ACCOUNTABLE MANAGER	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL DRAINAGE SWALE PROFILES SHEET 6	DATE: APRIL 2023
				CHECKED BY: DD,MR				JUSTIN RIVELLINO				SCALE: AS NOTED
				DESIGN LEAD: SEBASTIAN LOPEZ,PE				PORTFOLIO MANAGER				SHEET NO:
				SECTION MANAGER: ALEXANDER LOPEZ, PE				LAUREN D'ATTILE, PE				DRAWING NO. KSPP-C-235.01
1	7/23	ADDENDUM #2		SL	DEPUTY DIRECTOR, IN HOUSE DESIGN							
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.	MICHAEL LOEHR, PE							

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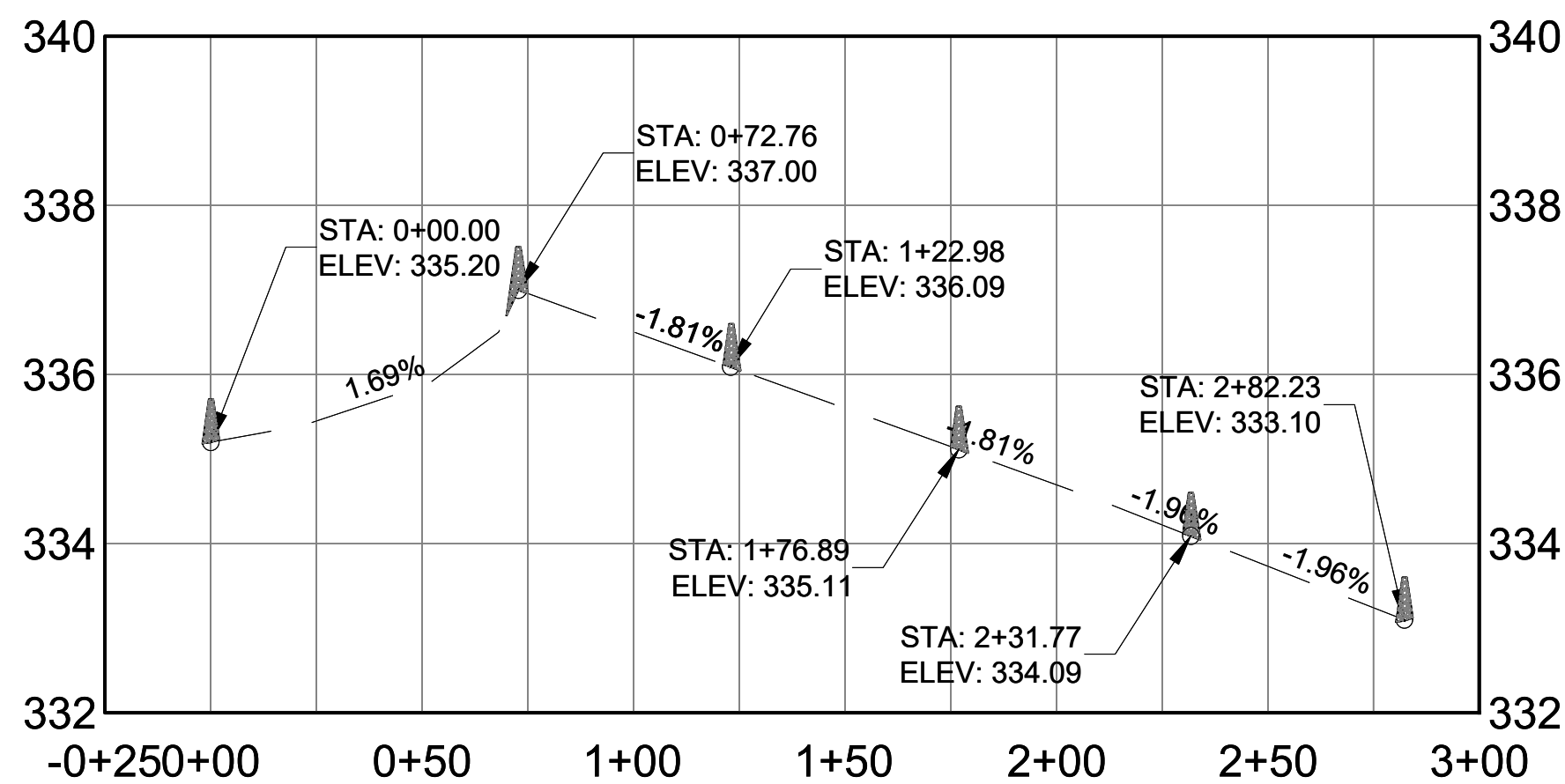
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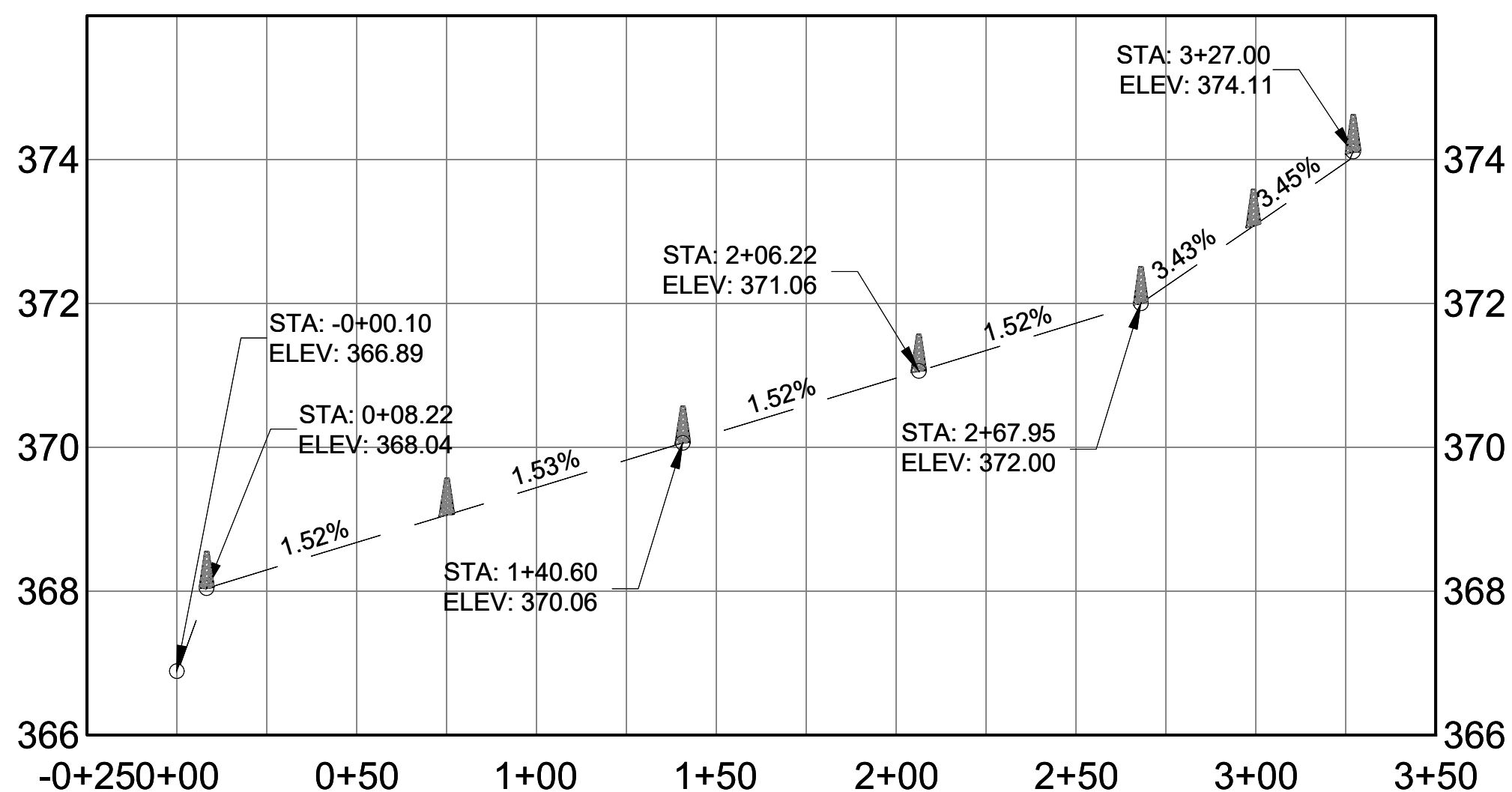
WEST CATSKILL SWALE PLAN
SCALE: 1" = 40'



ELECTRICAL BUILDING EAST PERIMETER SWALE PLAN
SCALE: 1" = 40'



7 WEST CATSKILL SWALE PROFILE
HOR SCALE: 1" = 40'
VERT SCALE: 1" = 2'



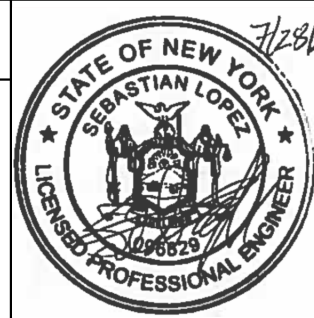
8 ELECTRICAL BUILDING EAST PERIMETER SWALE PROFILE
HOR SCALE: 1" = 40'
VERT SCALE: 1" = 2'



 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 ± BWS 0 ± NAVD88
	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	
	CIVIL DRAINAGE SWALE PROFILES SHEET 7	
	DATE: APRIL 2023 SCALE: AS NOTED SHEET NO: DRAWING NO. KSP-C-236.01	

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	

1	7/23	ADDENDUM #2	SL
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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			DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
			CHECKED BY: DD, MR	
			DESIGN LEAD: SEBASTIAN LOPEZ, PE	
			SECTION MANAGER: ALEXANDER LOPEZ, PE	
2	07/2023	ADDENDUM #2	SL	
1	07/2023	ADDENDUM #1	SL	
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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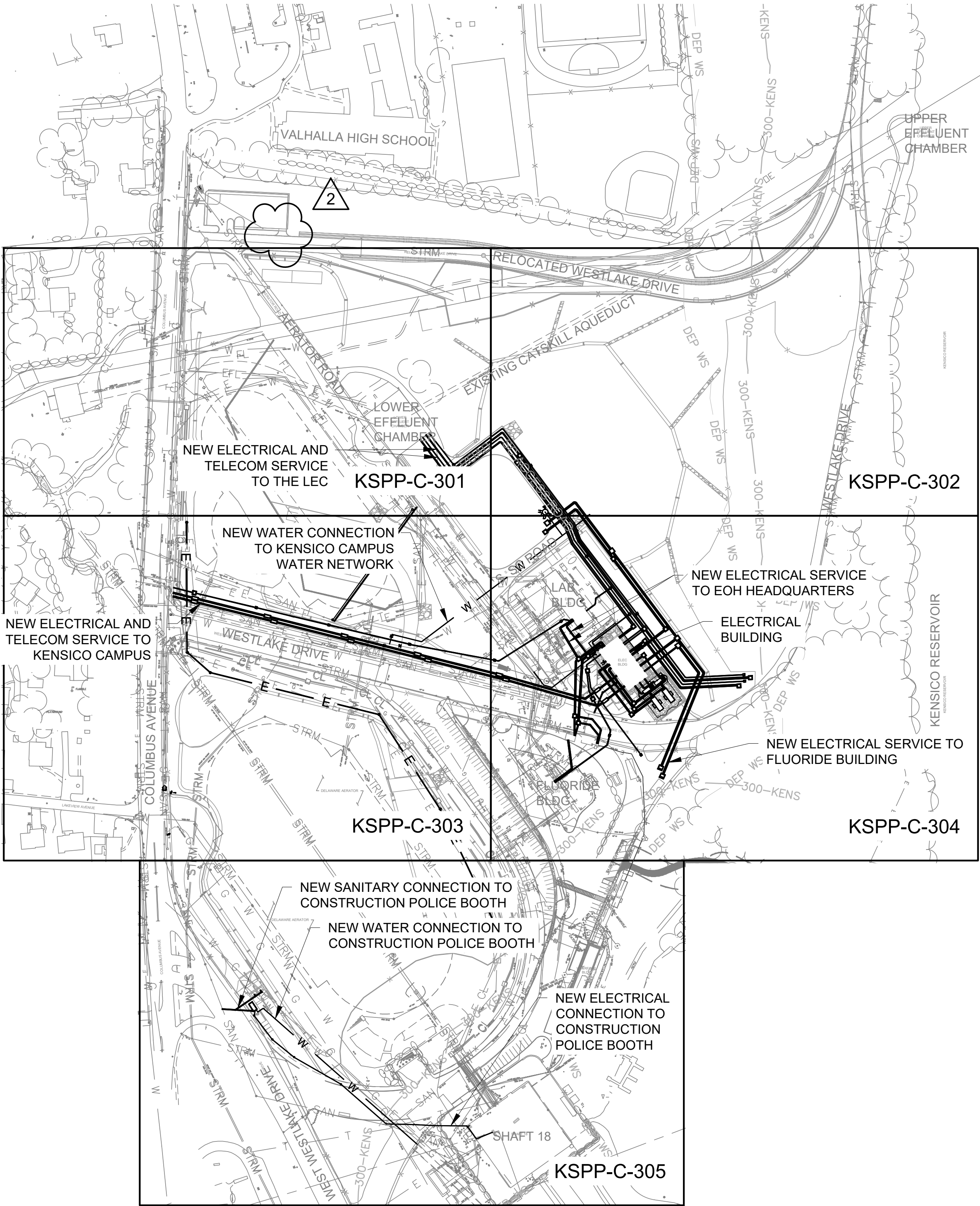


ADDENDUM NO. 2
DATE ISSUED: 07/2023

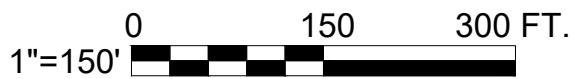
GRAPHIC SCALES CHECK BEFORE USE
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VERTICAL DATUM CONVERSION (ft)
+1.28 - BWS
0 - NAVD88

CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION		DATE: APRIL 2023
CIVIL SITE UTILITY OVERALL PLAN		SCALE: AS NOTED
		SHEET NO:
		DRAWING NO. KSPP-C-300.02

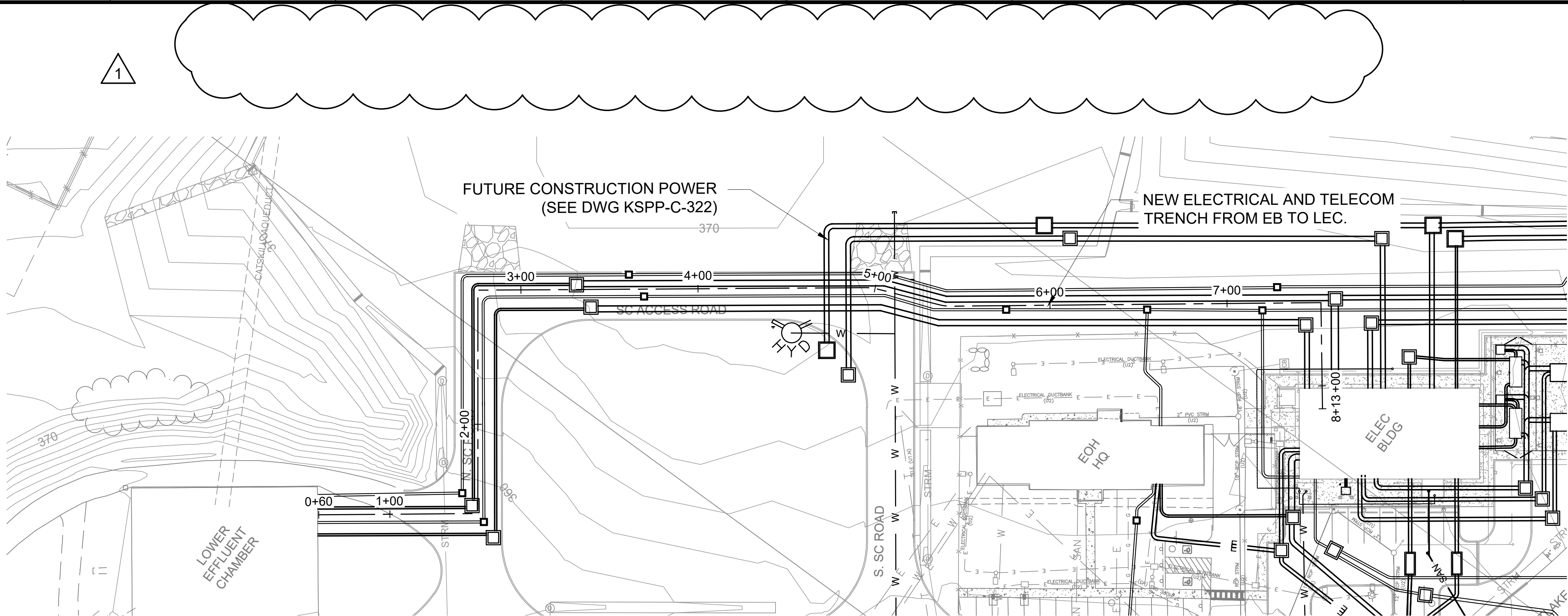


**SITE UTILITY
OVERALL PLAN**
SCALE: 1"=150'



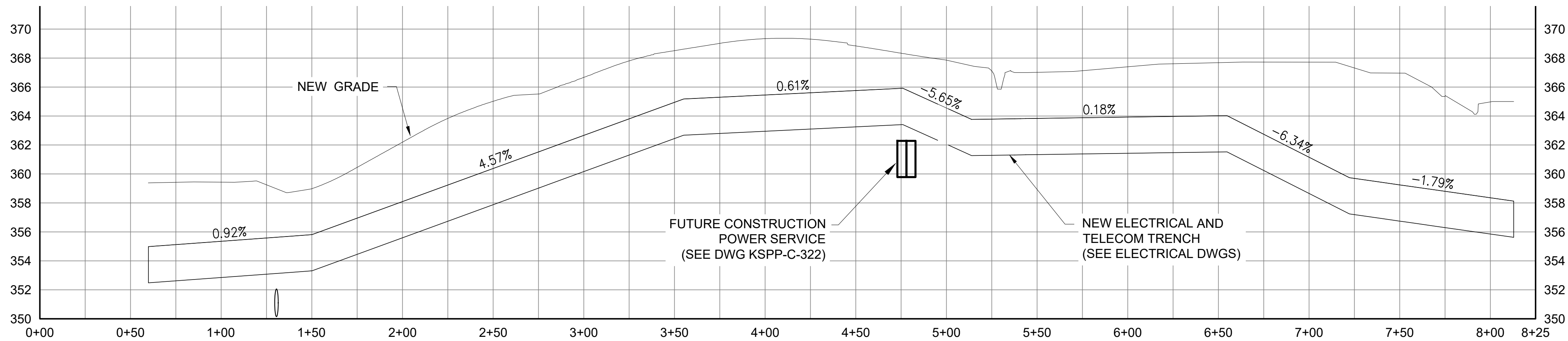
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NEW ELECTRICAL AND TELECOM TRENCH FROM ELECTRICAL BLDG TO LEC

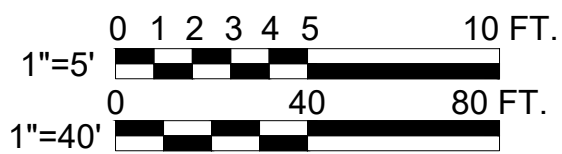
SCALE: 1" = 40'




2 NEW ELECTRICAL AND TELECOM TRENCH FROM ELECTRICAL BLDG TO LEC

HOR SCALE: 1" = 40'

VERT SCALE: 1" = 5'





**ADDENDUM NO. 2**
DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

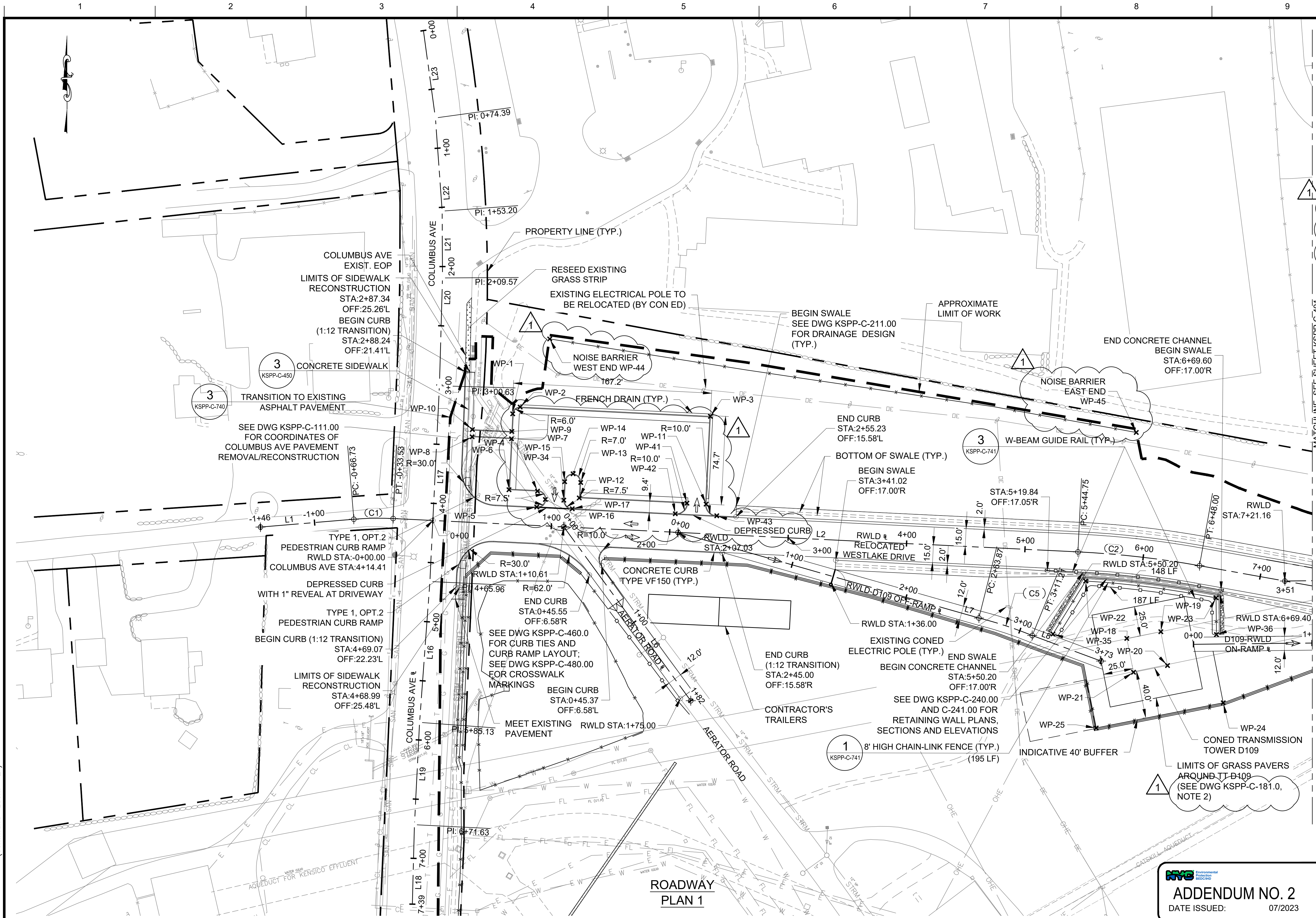
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SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
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					DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL UTILITY TRENCH PLAN AND PROFILE 2	DATE: APRIL 2023
				CHECKED BY: DD, MR	PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED				
				DESIGN LEAD: SEBASTIAN LOPEZ, PE	DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:				
1	7/23	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE					DRAWING NO. KSPP-C-321.01				
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.										

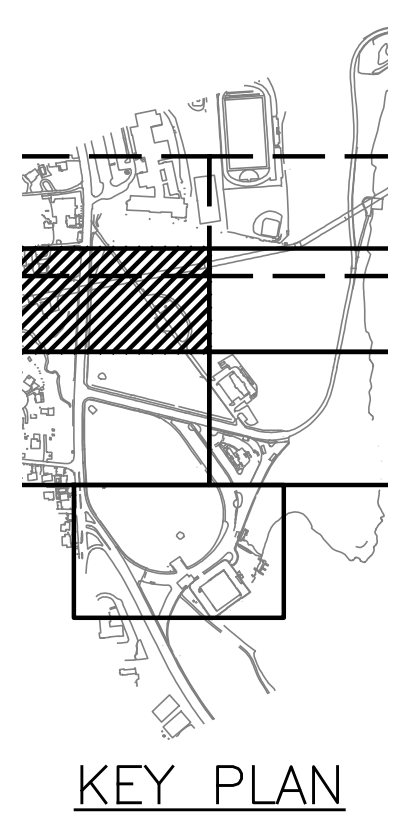
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Paper Size: Printed/Plotted (34.00 x 22.00 inches) Plot Scale: 1:1
Drawing File Name & Drive Location: (command "zoom" "E")



- NOTES**
 - EXISTING WESTLAKE DRIVE TO BE CLOSED OFF ONLY AFTER THE CONSTRUCTION OF RELOCATED WESTLAKE DRIVE IS COMPLETED.
 - RWLD-D109 OFF RAMP, D109-RWLD ON RAMP, WLD-D110 OFF RAMP, AND D110-RWLD ON RAMP ARE MAINTENANCE ACCESS ROADS OPERATED BY CON EDISON AND NOT OPEN FOR PUBLIC ACCESS. FOR TYPICAL SECTIONS AND GRASS PAVERS DETAILS, SEE DWG KSPP-C-740.00.
 - FOR BASELINE AND WP DATA TABLES REFER TO DWG KSPP-C-402.00.
 - ALL ANNOTATED CURB RADII REFER TO THE FACE OF CURB.
- LEGEND**

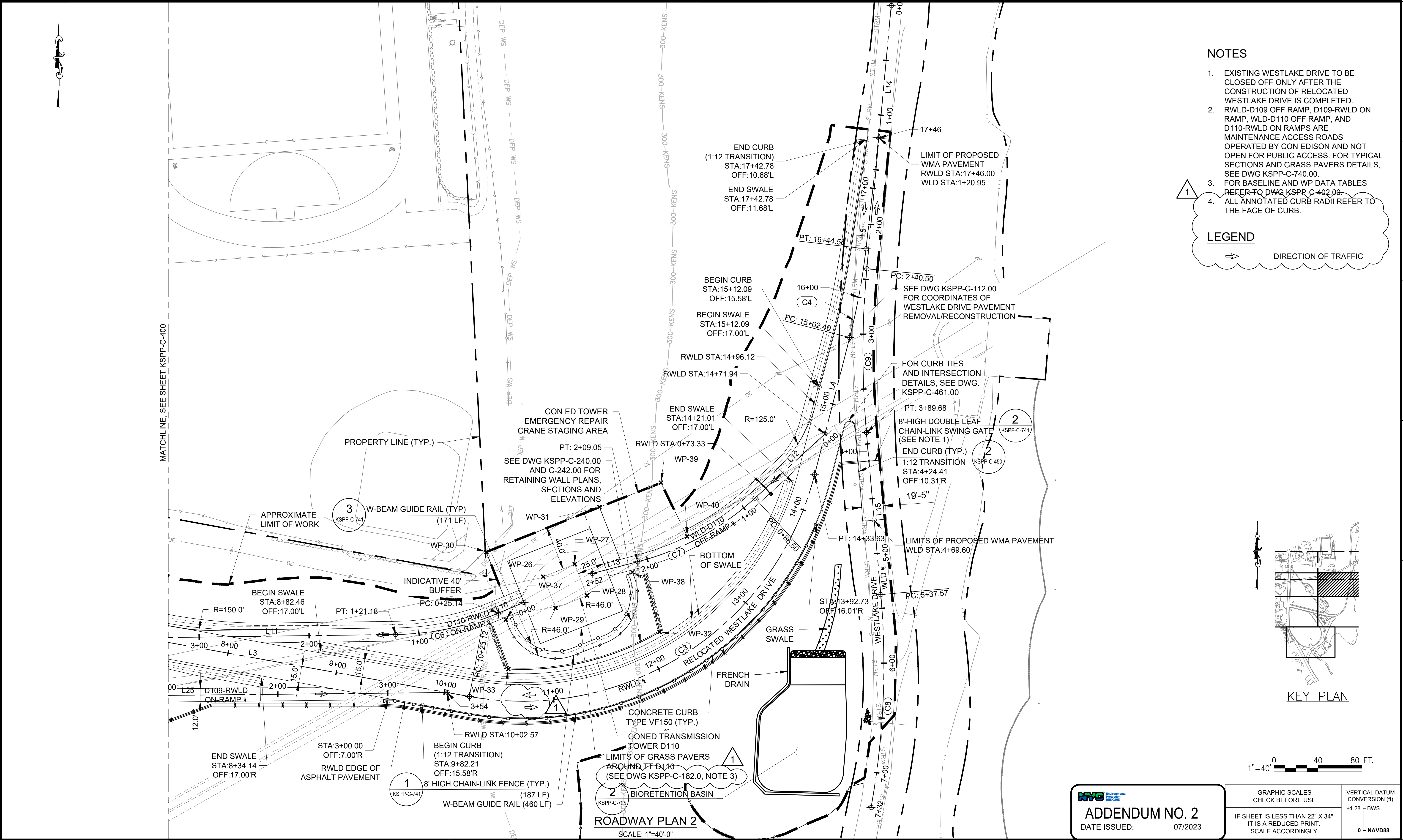
DIRECTION OF TRAFFIC



			DESIGNED BY: ABA		<div><div>DRAWN BY: EF</div><div><div>ARUP</div><div><div>STATE OF NEW YORK VINCENT LEE LICENSED PROFESSIONAL ENGINEER 087876-1</div><div><div>NYC</div><div>Environmental Protection</div></div></div></div></div>	ACCOUNTABLE MANAGER JUSTIN RIVELLINO		<div><div>NEW YORK CITY</div><div>ENVIRONMENTAL PROTECTION</div><div>BUREAU OF ENGINEERING DESIGN & CONSTRUCTION</div><div>96-05 HORACE HARDING EXPRESSWAY 5th FLOOR</div><div>CORONA, NEW YORK 11368</div><div>www.nyc.gov/dep</div></div> <div><div>CONTRACT KENS-EAST-2</div><div>KENSICO SITE PREPARATION</div><div>CIVIL</div><div>RELOCATED WESTLAKE DRIVE ROADWAY</div><div>PLAN 1</div></div>		DATE: JULY 2023	
			CHECKED BY: AD			PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED	
			DESIGN LEAD: VINCENT LEE, PE			DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:	
			SECTION MANAGER:							DRAWING NO. KSPP-C-400.02	
1	7/23	ADDENDUM #2	VL								
NO.	DATE	REVISIONS/DESCRIPTION	APPRD.								

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Last Saved By: Ekaterina.Fridman Date Saved: 7/27/2023 1:46 PM Date & Time Plotted: 7/27/2023 1:51 PM Plot Style Table: BEDC_Acad(N).ctb
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DESIGNED BY: ABA				DRAWN BY: EF			
CHECKED BY: AD							
DESIGN LEAD: VINCENT LEE, PE							
SECTION MANAGER:							
1	7/23	ADDENDUM #2	VL				
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.				

ACCOUNTABLE MANAGER
JUSTIN RIVELLINO

PORTFOLIO MANAGER
LAUREN D'ATILE, PE

DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
RELOCATED WESTLAKE DRIVE ROADWAY
PLAN 2

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:

DRAWING NO.
KSPP-C-401.02

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

POINT TABLE			
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WP-3	822935.1245	691567.3698	
WP-4	822871.9804	691421.5323	
WP-5	822858.5787	691420.8795	
WP-6	822873.1805	691397.4881	
WP-7	822916.1841	691399.5846	
WP-8	822917.8022	691366.3735	
WP-9	822922.3428	691399.8849	
WP-10	822923.9633	691366.6251	
WP-11	822861.0464	691563.7609	
WP-12	822866.2595	691456.7626	
WP-13	822879.2903	691457.9811	
WP-14	822886.6077	691451.5591	
WP-15	822879.9493	691444.4561	
WP-16	822864.9429	691428.1112	
WP-17	822857.1187	691450.8527	
WP-18	822747.7027	691918.5664	
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WP-20	822724.8458	691952.9158	
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WP-23	822781.9302	691993.8743	
WP-24	822693.3745	691999.9224	
WP-25	822672.1588	691892.7444	
WP-26	822851.7763	692416.2495	
WP-27	822863.0795	692444.8064	
WP-28	822834.5893	692456.0832	
WP-29	822823.2858	692427.5264	
WP-30	822874.2475	692364.3356	
WP-31	822914.9933	692467.2776	
WP-32	822801.4096	692522.1556	
WP-33	822767.7201	692384.3658	
WP-34	822864.3921	691443.6982	
WP-35	822751.4394	691856.2805	
WP-36	822750.9715	691994.1836	
WP-37	822812.6197	692382.1684	
WP-38	822855.6971	692497.3084	
WP-39	822937.1468	692523.2470	
WP-40	822888.3635	692547.1609	
WP-41	822861.8341	691547.5859	
WP-42	822852.8870	691537.7223	
WP-43	822851.1827	691572.7083	
WP-44	823000.4221	691431.8137	
WP-45	822921.5015	691926.5542	

RELOCATED WESTLAKE DRIVE							
LINE #	DIRECTION		LENGTH		START POINT	END POINT	
L1	N85°10'43"E		79.00		N:822841.65, E:691187.88	N:822848.29, E:691266.60	
L2	S87°12'40"E		578.28		N:822848.88, E:691299.78	N:822820.74, E:691877.38	
L3	S79°48'59"E		375.11		N:822809.08, E:691979.89	N:822742.76, E:692349.10	
L4	N14°20'28"E		128.77		N:822944.58, E:692663.01	N:823069.33, E:692694.90	
L5	N06°29'37"E		101.42		N:823150.09, E:692709.75	N:823250.86, E:692721.22	
CURVE #	Δ	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT	END POINT
C1	007°36'36.5"	250.00	33.21	33.18	N88°59'02"E	N:822848.29, E:691266.60	N:822848.88, E:691299.78
C2	007°23'41.2"	800.00	103.25	103.18	S83°30'49"E	N:822820.74, E:691877.38	N:822809.08, E:691979.89
C3	085°50'32.9"	274.00	410.52	373.18	N57°15'45"E	N:822742.76, E:692349.10	N:822944.58, E:692663.01
C4	007°50'50.8"	600.00	82.18	82.11	N10°25'03"E	N:823069.33, E:692694.90	N:823150.09, E:692709.75

RWLD-D109 OFF-RAMP							
LINE #	DIRECTION		LENGTH		START POINT		END POINT
L7	S74°06'33"E		263.87		N:822837.17, E:691540.06		N:822764.92, E:691793.84
L8	S69°35'27"E		61.96		N:822750.19, E:691838.79		N:822728.58, E:691896.87
CURVE #	Δ	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT	END POINT
C5	008°11'54.2"	330.87	47.34	47.30	S71°51'00"E	N:822764.92, E:691793.84	N:822750.19, E:691838.79

AERATOR ROAD				
LINE #	DIRECTION	LENGTH	START POINT	END POINT
L6	S36°06'10"E	181.63	N:822841.86, E:691443.74	N:822695.11, E:691550.77



D109-RWLD ON-RAMP				
LINE #	DIRECTION	LENGTH	START POINT	END POINT
L25	N89°24'50"E	354.04	N:822742.77, E:691974.85	N:822746.39, E:692328.88

WESTLAKE DRIVE								
LINE #	DIRECTION		LENGTH		START POINT		END POINT	
L14	S05°17'58"W		240.50		N:823371.26, E:692732.67		N:823131.79, E:692710.45	
L15	S05°03'41"E		147.89		N:822982.81, E:692710.15		N:822835.50, E:692723.19	
CURVE #	Δ	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT		END POINT
C8	015°22'16.6"	725.00	194.50	193.92	S02°37'27"W	N:822835.50, E:692723.19		N:822641.78, E:692714.31
C9	010°21'38.8"	825.00	149.18	148.98	S00°07'08"W	N:823131.79, E:692710.45		N:822982.81, E:692710.15

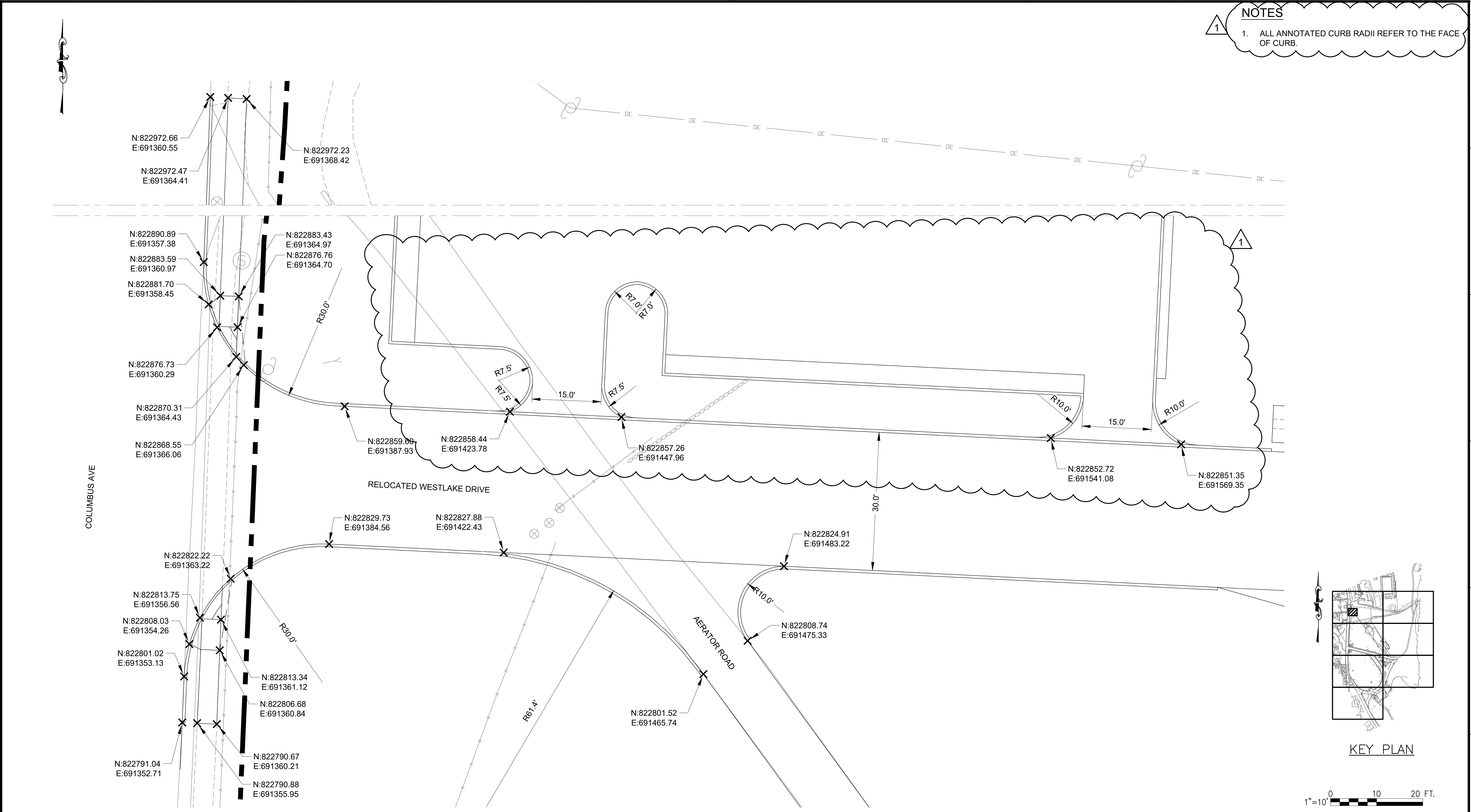
COLUMBUS AVE				
LINE #	DIRECTION	LENGTH	START POINT	END POINT
L16	S04°11'08"W	119.18	N:822795.76, E:691330.77	N:822676.90, E:691322.07
L17	S02°46'56"W	165.33	N:822960.89, E:691338.79	N:822795.76, E:691330.77
L18	S01°31'54"W	67.03	N:822590.51, E:691317.74	N:822523.51, E:691315.95
L19	S02°51'54"W	86.50	N:822676.90, E:691322.07	N:822590.51, E:691317.74
L20	S01°38'46"W	91.06	N:823051.92, E:691341.41	N:822960.89, E:691338.79
L21	S00°19'07"E	56.37	N:823108.29, E:691341.09	N:823051.92, E:691341.41
L22	S04°07'26"E	78.80	N:823186.89, E:691335.43	N:823108.29, E:691341.09
L23	S07°49'51"E	74.39	N:823260.59, E:691325.29	N:823186.89, E:691335.43

D110-RWLD ON-RAMP							
LINE #	DIRECTION		LENGTH		START POINT		END POINT
L10	S67°14'24"W		25.14		N:822828.33, E:692398.64		N:822818.61, E:692375.46
L11	S89°15'01"W		230.13		N:822799.16, E:692282.02		N:822796.15, E:692051.90
CURVE #	Δ	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT	END POINT
C6	022°00'37.5"	250.00	96.04	95.45	S78°14'42"W	N:822818.61, E:692375.46	N:822799.16, E:692282.02

WLD-D110 OFF-RAMP							
LINE #	DIRECTION		LENGTH		START POINT		END POINT
L12	S47°28'17"W		86.50		N:822981.69, E:692672.49		N:822923.22, E:692608.75
L13	S75°33'27"W		42.73		N:822865.36, E:692502.11		N:822854.70, E:692460.73
CURVE #	Δ	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT	END POINT
C7	028°05'10.0"	250.00	122.55	121.33	S61°30'52"W	N:822923.22, E:692608.75	N:822865.36, E:692502.11

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		CHECKED BY: AD		PORTFOLIO MANAGER LAUREN D'ATILE, PE		SCALE: AS NOTED				
		DESIGN LEAD: VINCENT LEE, PE		DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE		SHEET NO:				
1	7/23	ADDENDUM #2	VL							DRAWING NO.
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	SECTION MANAGER:						KSP-P-C-402.01

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NOTES

1. ALL ANNOTATED CURB RADII REFER TO THE FACE OF CURB.

INTERSECTION CURB TIES
PLAN 1
SCALE: 1"=10'

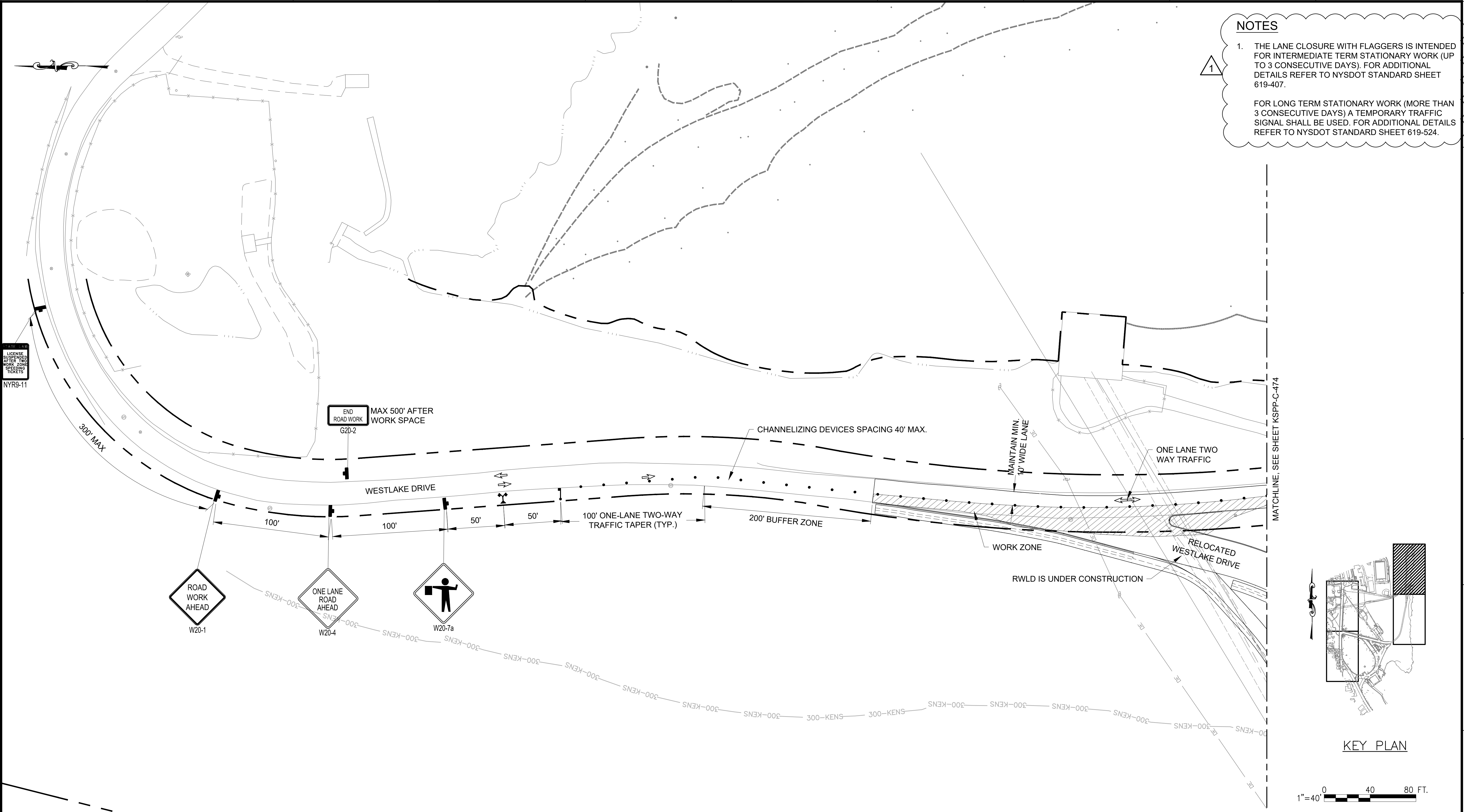


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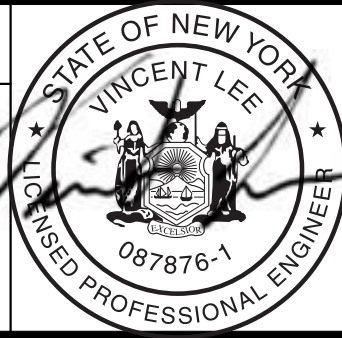
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MPT PHASE 1
PLAN 3
SCALE: 1"=40'

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	VL

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CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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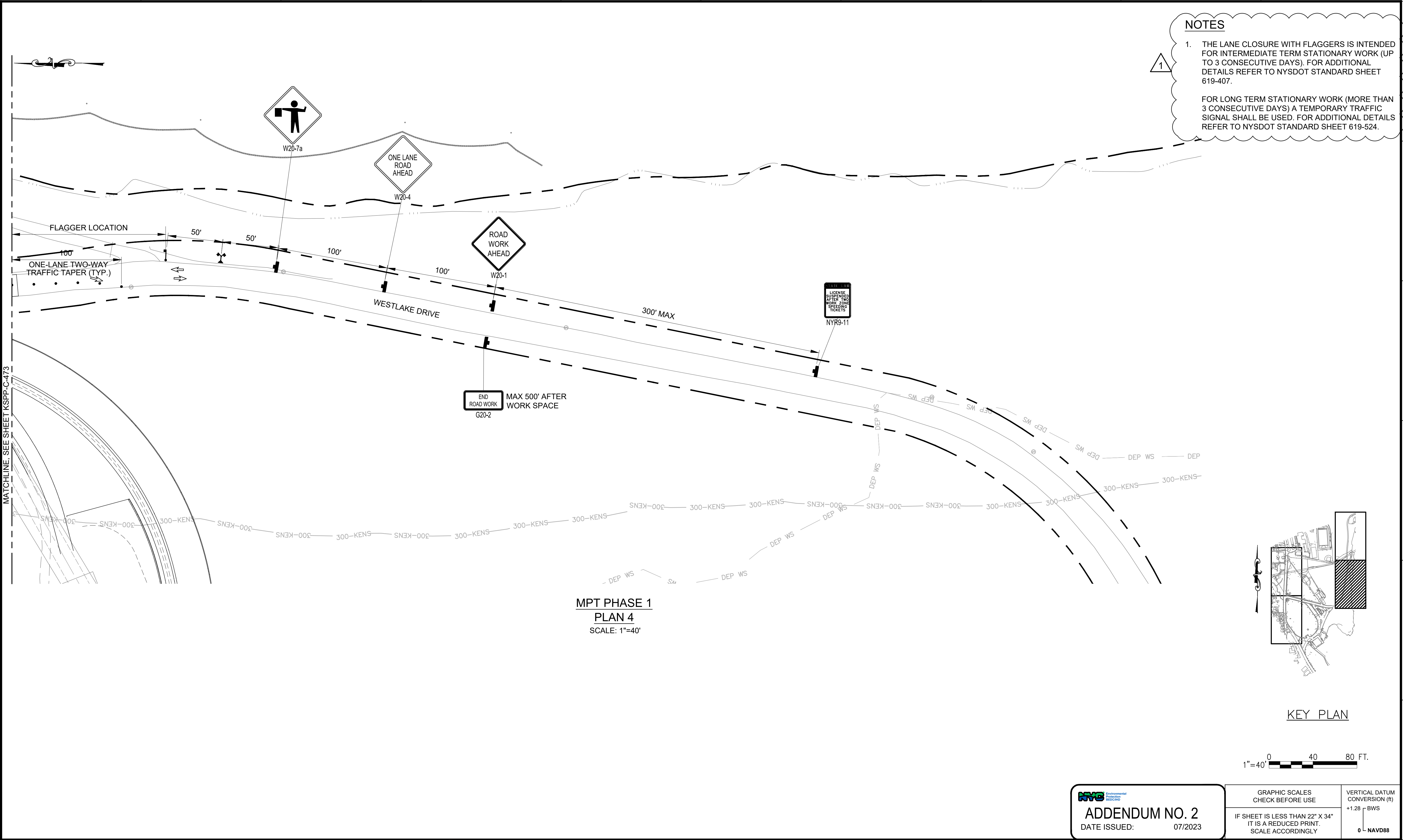
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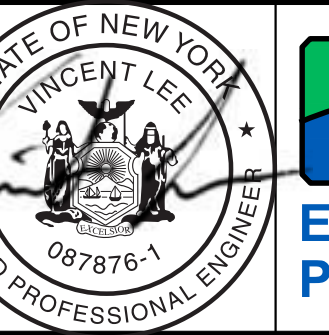

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CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: JULY 2023
CIVIL	SCALE: AS NOTED
PHASE 1 - MAINTENANCE & PROTECTION OF TRAFFIC - SHEET 3	SHEET NO:
	DRAWING NO. KSPP-C-473.01

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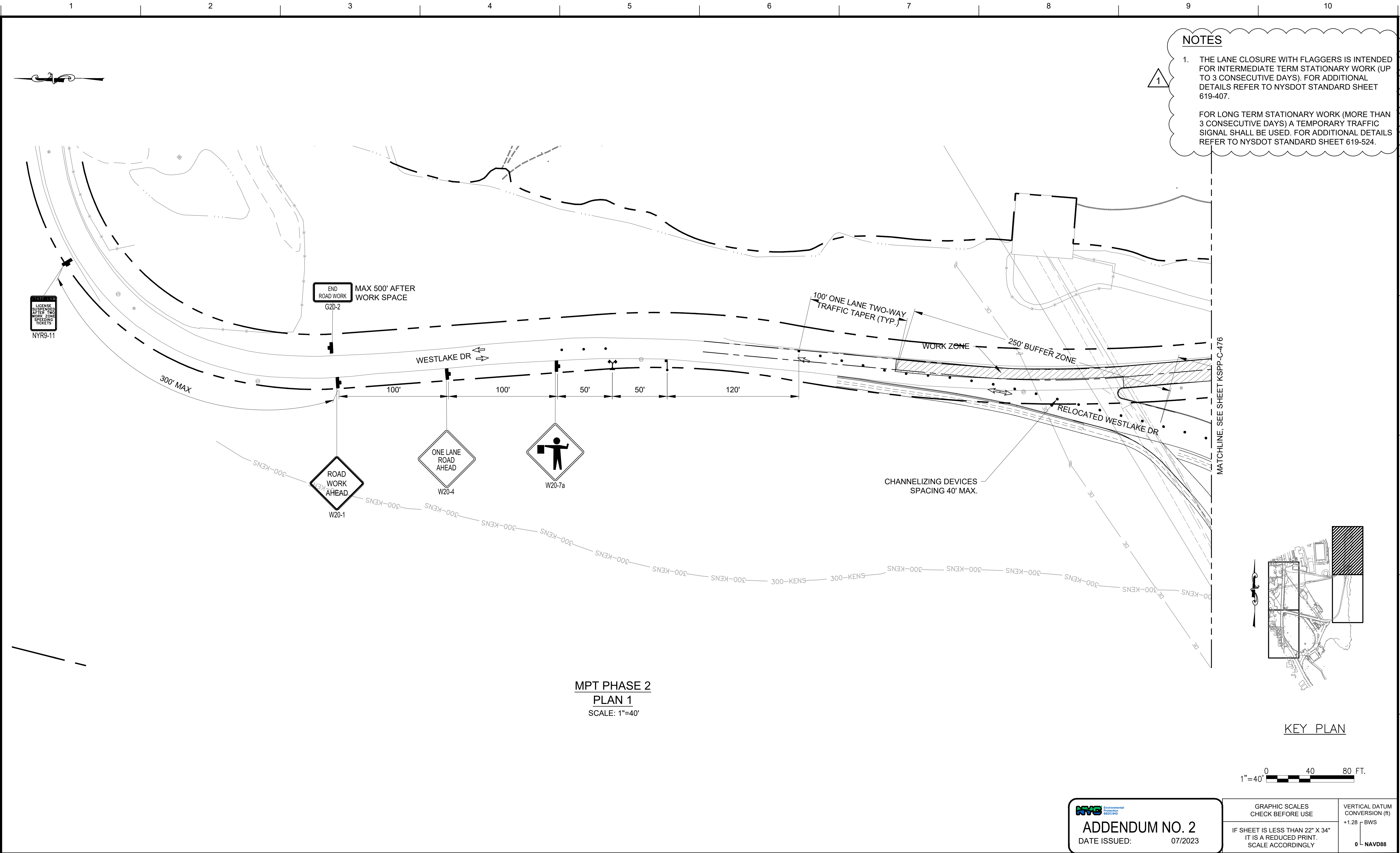
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				CHECKED BY: AD					PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: VINCENT LEE, PE					DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
				SECTION MANAGER:									DRAWING NO. KSPP-C-474.01
1	7/23	ADDENDUM #2	VL										
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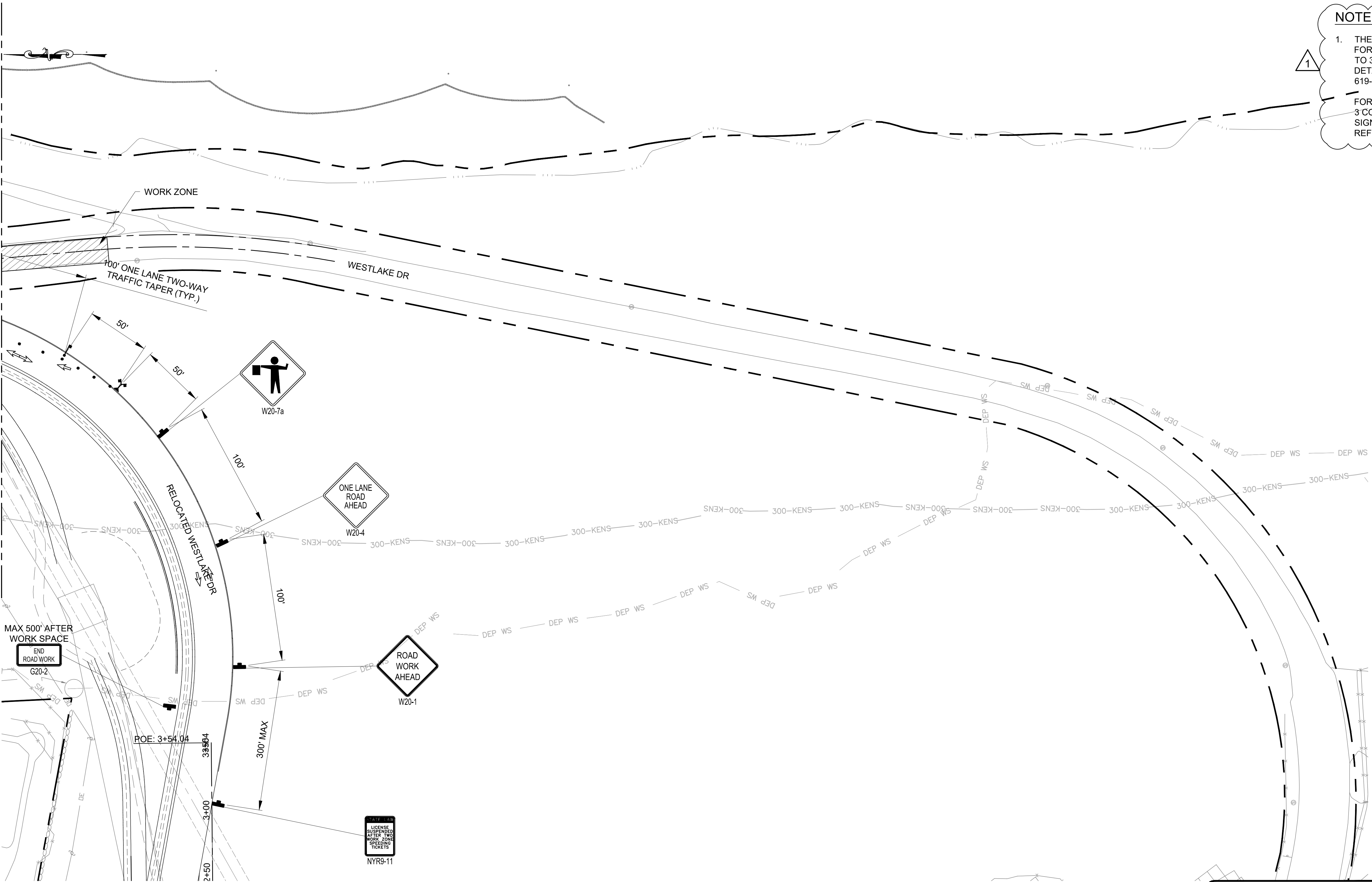


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MATCHLINE, SEE SHEET KSPP-C-475

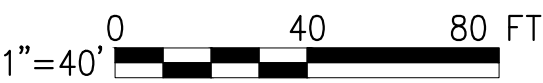


NOTES

1. THE LANE CLOSURE WITH FLAGGERS IS INTENDED FOR INTERMEDIATE TERM STATIONARY WORK (UP TO 3 CONSECUTIVE DAYS). FOR ADDITIONAL DETAILS REFER TO NYSDOT STANDARD SHEET 619-407.
- FOR LONG TERM STATIONARY WORK (MORE THAN 3 CONSECUTIVE DAYS) A TEMPORARY TRAFFIC SIGNAL SHALL BE USED. FOR ADDITIONAL DETAILS REFER TO NYSDOT STANDARD SHEET 619-524.



KEY PLAN



MPT PHASE 2
PLAN 2
SCALE: 1"=40'



ADDENDUM NO. 2
DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

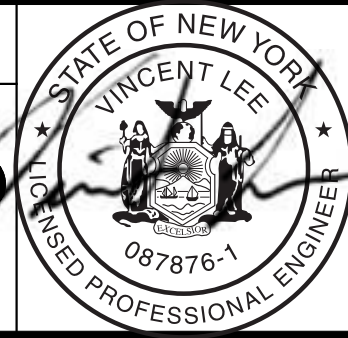
IF SHEET IS LESS THAN 22" X 34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
+1.28 - BWS
0 - NAVD88

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	VL

DESIGNED BY: ABA	DRAWN BY: JS
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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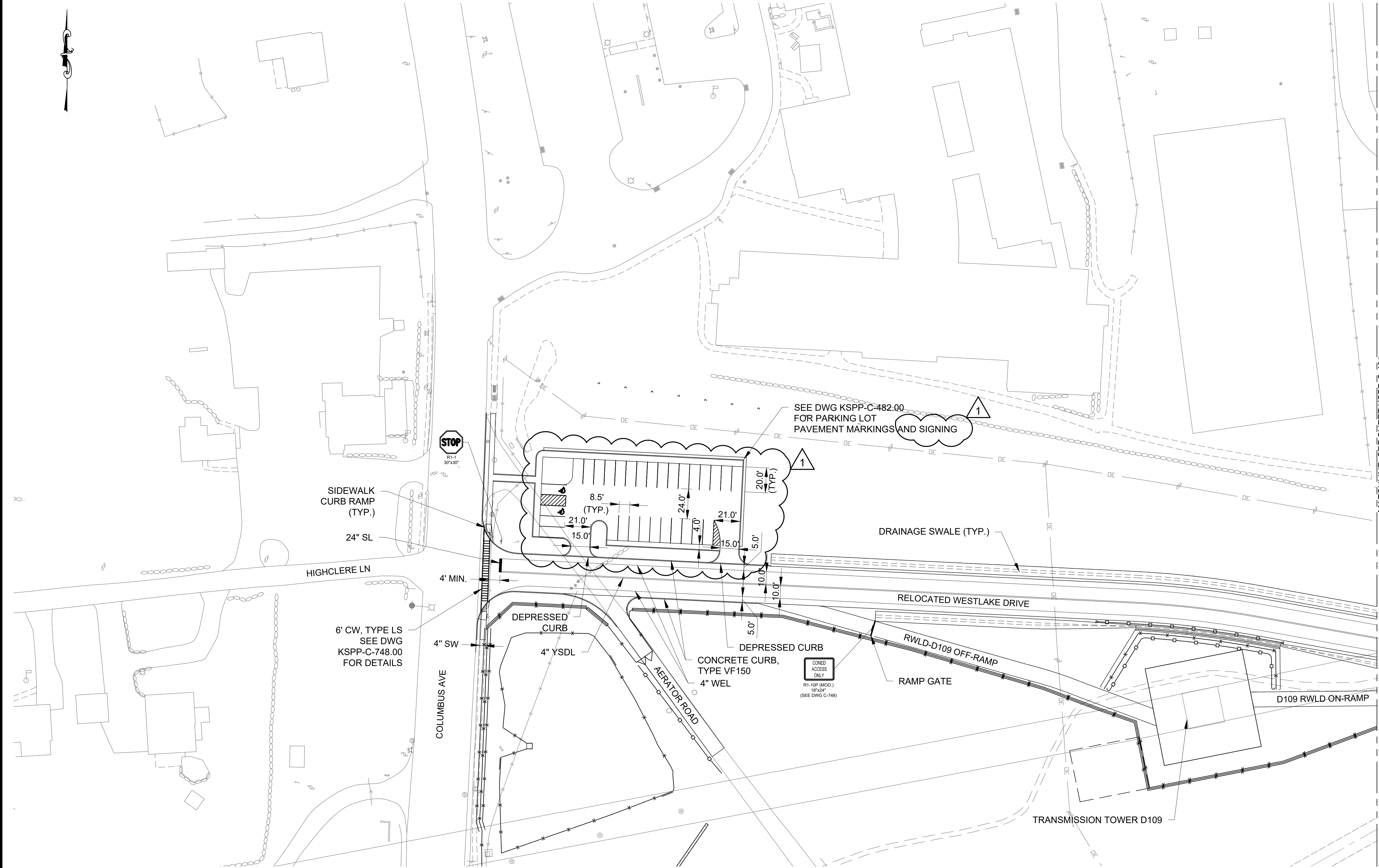
**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
PHASE 2 - MAINTENANCE & PROTECTION
OF TRAFFIC PLAN - SHEET 2

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSPP-C-476.01

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

Last Saved By: Ekaterina.Fridman Date Saved: 7/27/2023 2:54 PM Date & Time Plotted: 7/27/2023 2:57 PM
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Drawing File Name & Drive Location: (command "zoom" "E")



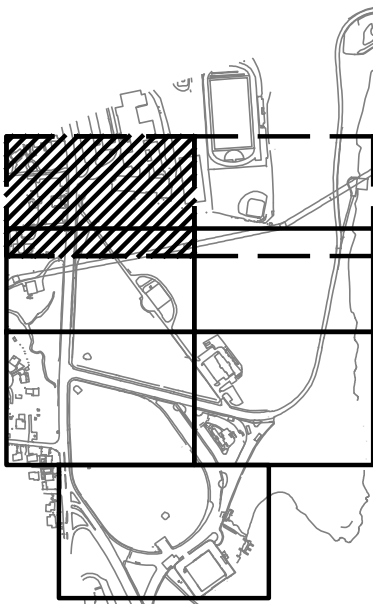
ABBREVIATION:

SW - SIDEWALK
CW - CROSSWALK
SL - STOP LINE
YSDL - YELLOW SOLID DOUBLE LINE
WEL - WHITE EDGE LINE

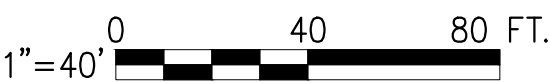
NOTES:

- FOR MATERIALS, INSTALLATION/CONSTRUCTION, PAYMENT BASIS AND METHOD, REFER TO THE LATEST EDITION OF NYS STANDARD SPECIFICATIONS.
- ALL TRAFFIC SIGNS TO COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (BY FHWA) AND THE NEW YORK STATE SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (BY NYSDOT).

MATCHLINE: SEE SHEET KSPP-C-481



KEY PLAN



SIGNING AND STRIPING
PLAN 1
SCALE: 1"=40'



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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VERTICAL DATUM
CONVERSION (ft)

+1.28 ± BWS

0 ± NAVD88

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	VL

DESIGNED BY: ABA	DRAWN BY: EF
CHECKED BY: AD	
DESIGN LEAD: VINCENT LEE, PE	
SECTION MANAGER:	

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."
PORTFOLIO MANAGER LAUREN D'ATTILE, PE	
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE	

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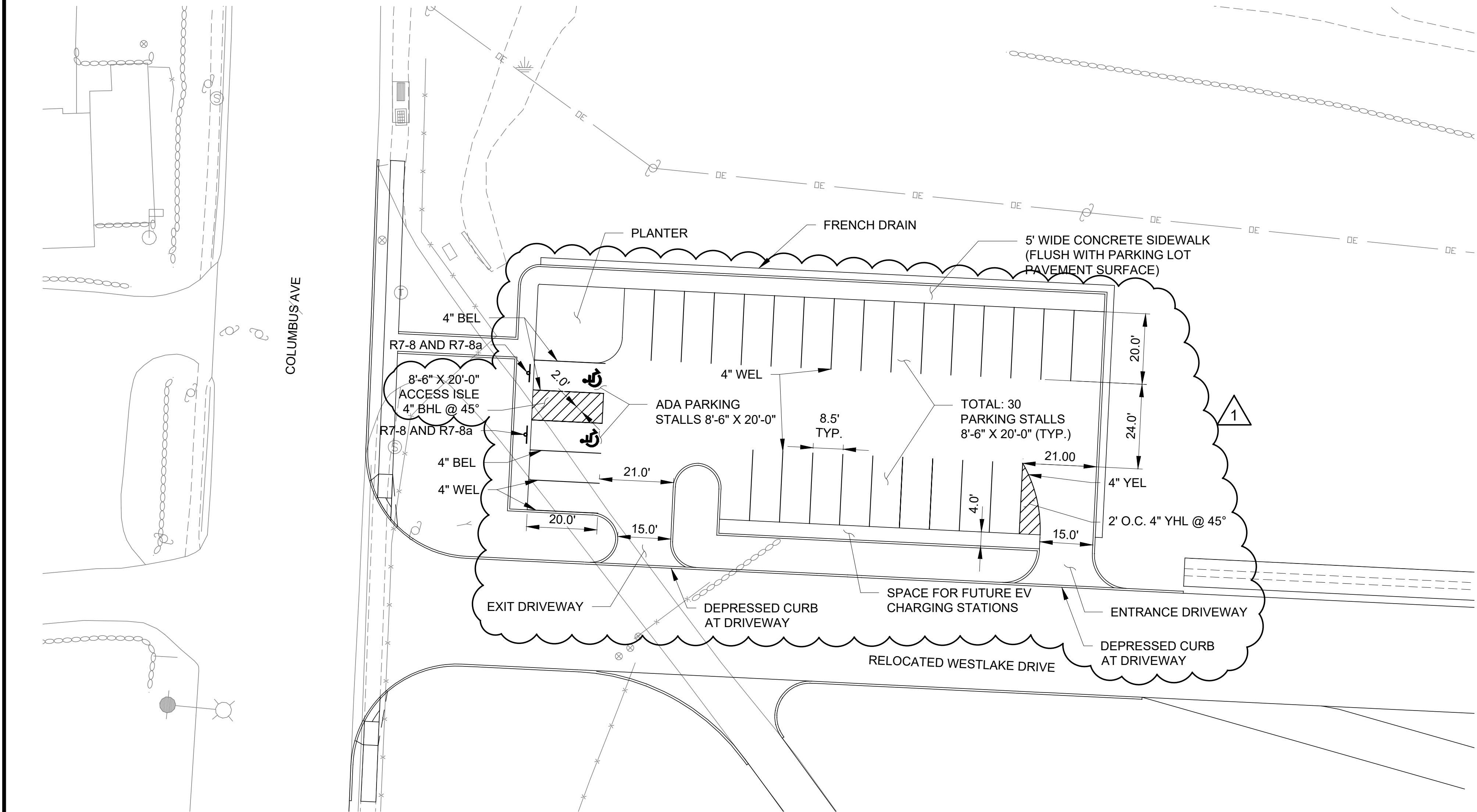
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

CIVIL
SIGNING AND STRIPING PLAN
SHEET 1

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSPP-C-480.02

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Drawing File Name & Drive Location: (command "zoom" "E") Plot Scale: 1:1



NOTES

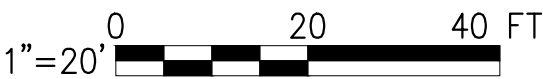
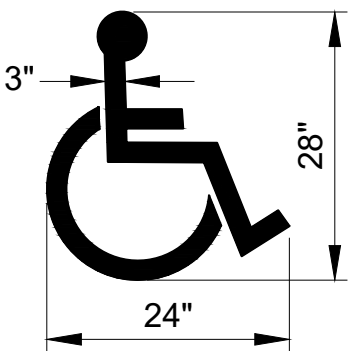
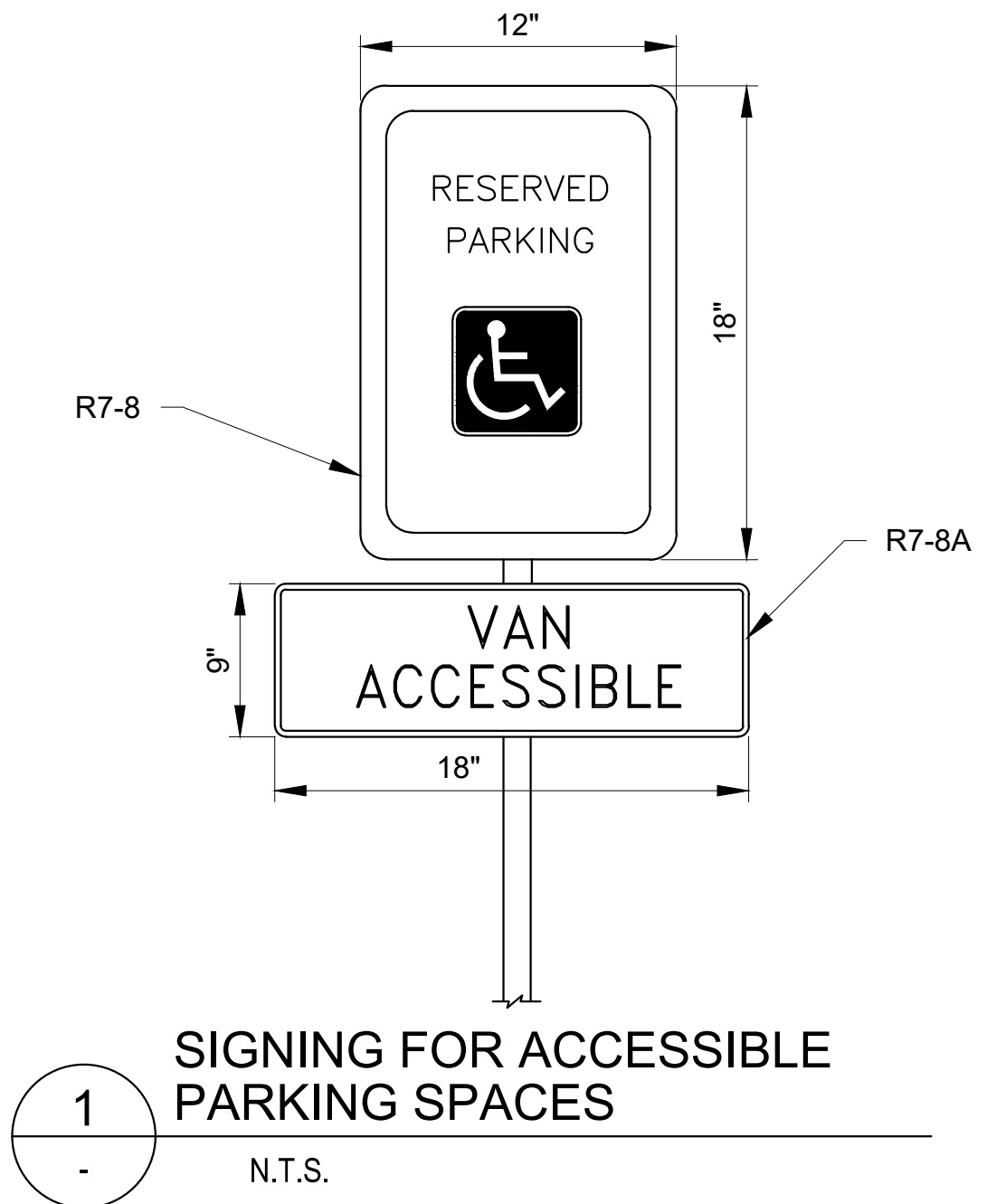
- FOR ADDITIONAL PAVEMENT MARKINGS DETAILS
SEE NYSDOT STANDARD SHEET 685-01.
- FOR ADDITIONAL ACCESSIBLE PARKING DETAILS
SEE NYSDOT STANDARD SHEET 608-02.

ABBREVIATIONS

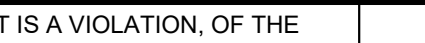

BHL - BLUE HATCH LINE

BEL - BLUE EDGE LINE

WEL - WHITE EDGE LINE



RELOCATED WESTLAKE DRIVE PARKING LOT
PAVEMENT MARKINGS AND SIGNING PLAN

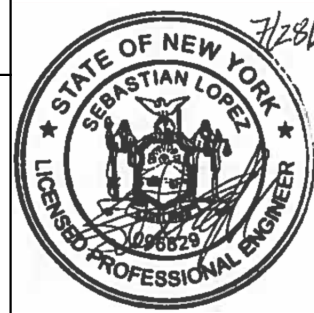
				DESIGNED BY: ABA	DRAWN BY: EF			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2." www.nyc.gov/dcp	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dcp	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL SIGNING AND STRIPING PLAN SHEET 3	DATE: JULY 2023
				CHECKED BY: AD				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: VINCENT LEE, PE				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	7/23	ADDENDUM #2	VL	SECTION MANAGER:								DRAWING NO. KSPP-C-482.02
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

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Drawing File Name & Drive Location: (command "zoom" "E")

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	SL

DESIGNED BY:	DRAWN BY:
CHECKED BY:	
DESIGN LEAD:	
SECTION MANAGER:	
ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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ADDENDUM NO. 2
DATE ISSUED: 07/2023

GRAPHIC SCALES
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SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
+1.28 - BWS
0 - NAVD88

CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

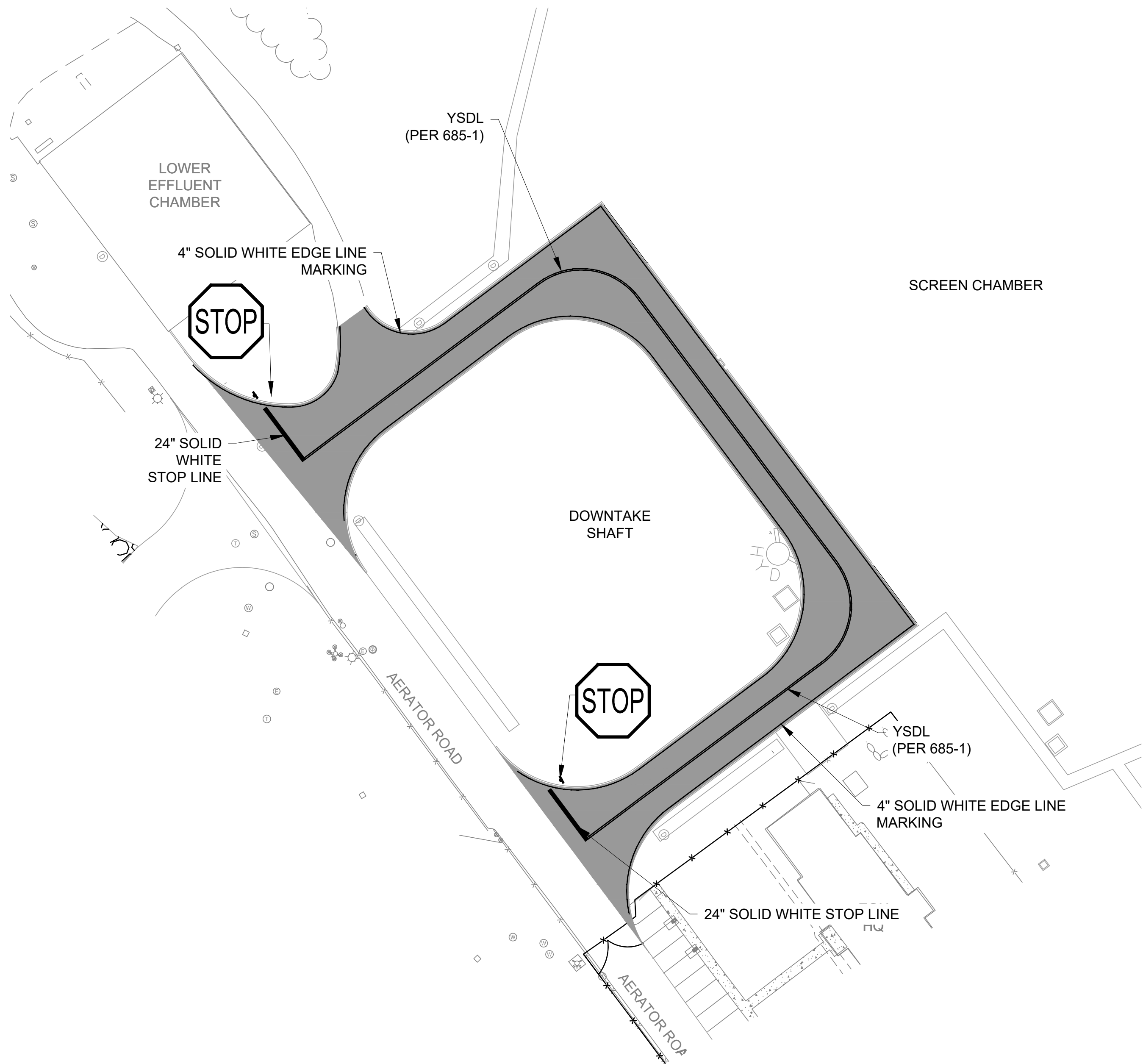
CIVIL SIGNING AND STRIPING PLAN
SHEET 4

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:

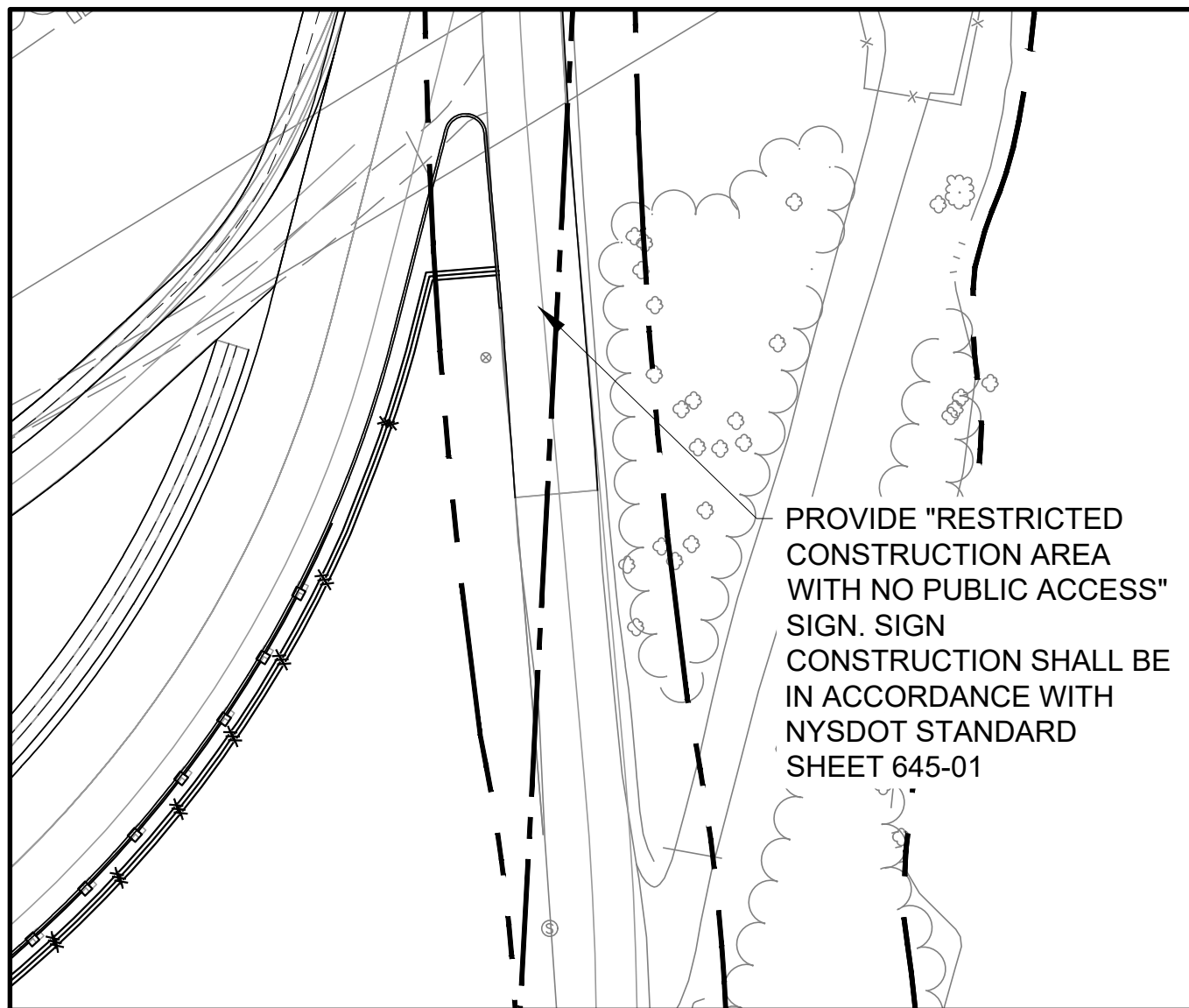
DRAWING NO.
KSPP-C-485.01

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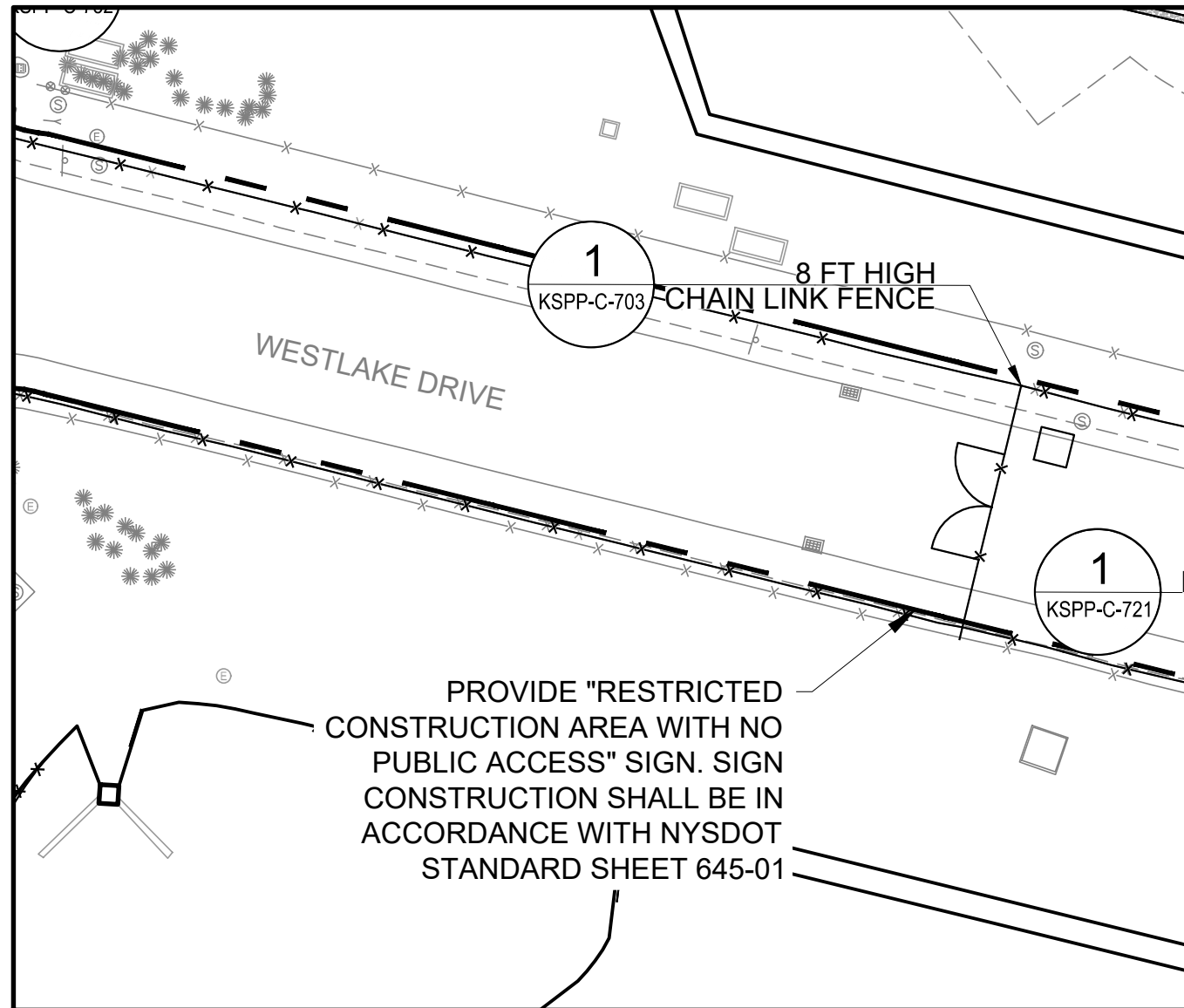
1. ALL EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
2. CONTRACTOR SHALL PROVIDE NEW SIGNING AND STRIPING THAT MATCHES EXISTING, FOR ALL REPAVING OF EXISTING AREAS .



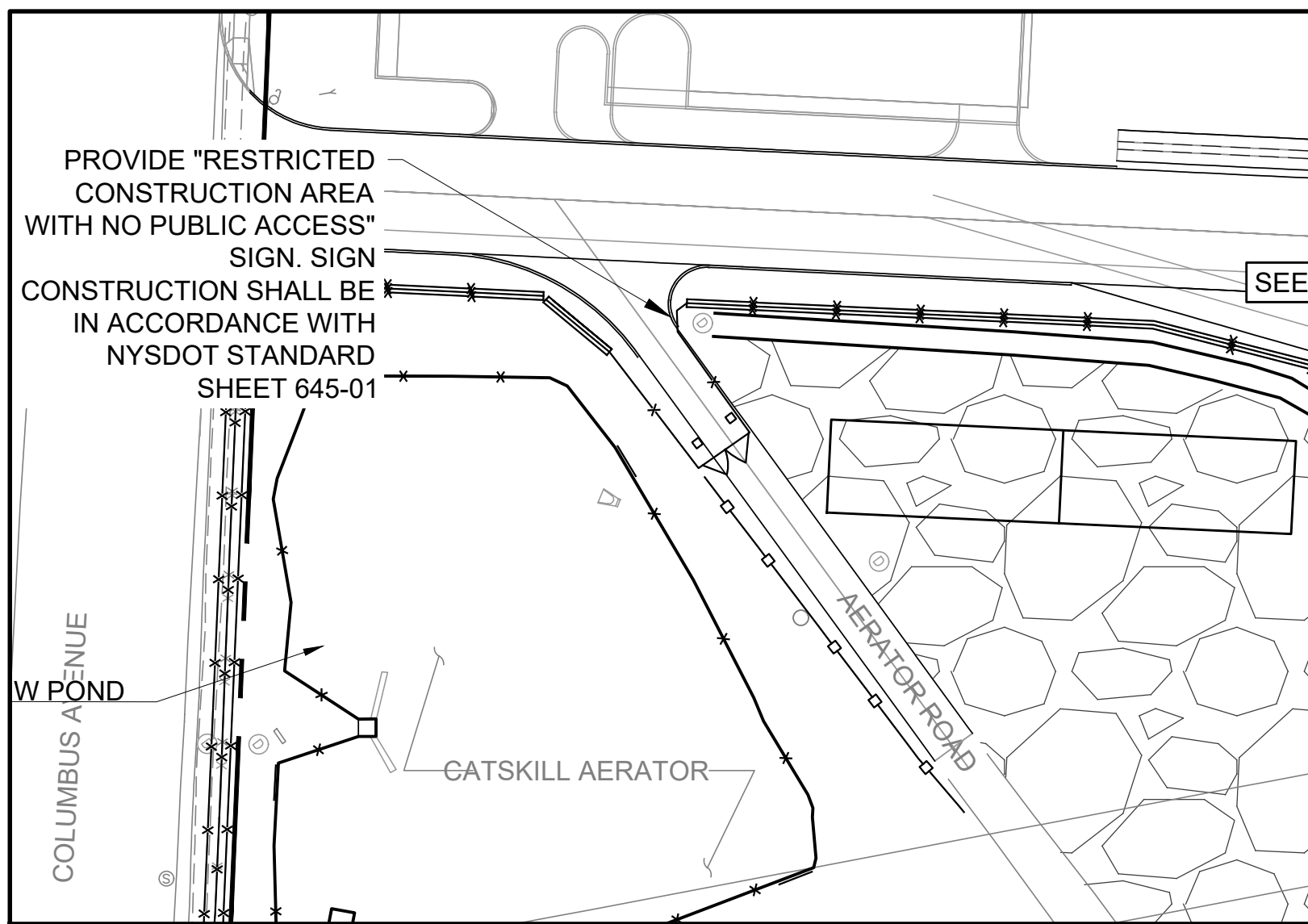
SCREEN CHAMBER ACCESS ROAD
PAVEMENT MARKINGS AND SIGNAGE PLAN



EWLD AT UEC DRIVE
PAVEMENT MARKINGS AND SIGNAGE PLAN



EWLD CONSTRUCTION ENTRANCE
PAVEMENT MARKINGS AND SIGNAGE PLAN



RWLD AT AERATOR ROAD
PAVEMENT MARKINGS AND SIGNAGE PLAN

1"=20'
0 20 40 FT.

Last Saved By: Msevastaki Last Date Saved: 10/26/2021 6:20 PM Date & Time Plotted: Paper Size: Printed/Plotted: ANSI full bleed B (17.00" x 11.00" inches) Plot Scale: 1:2_XREF_XREF1st Style Table: BEDC_Acad(N).ctb Drawing File Name & Drive Location: (command "zoom" "0" "E")

1	7/23	ADDENDUM #2	SL
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.

DESIGNED BY:	DRAWN BY:
CHECKED BY:	
DESIGN LEAD:	
SECTION MANAGER:	
ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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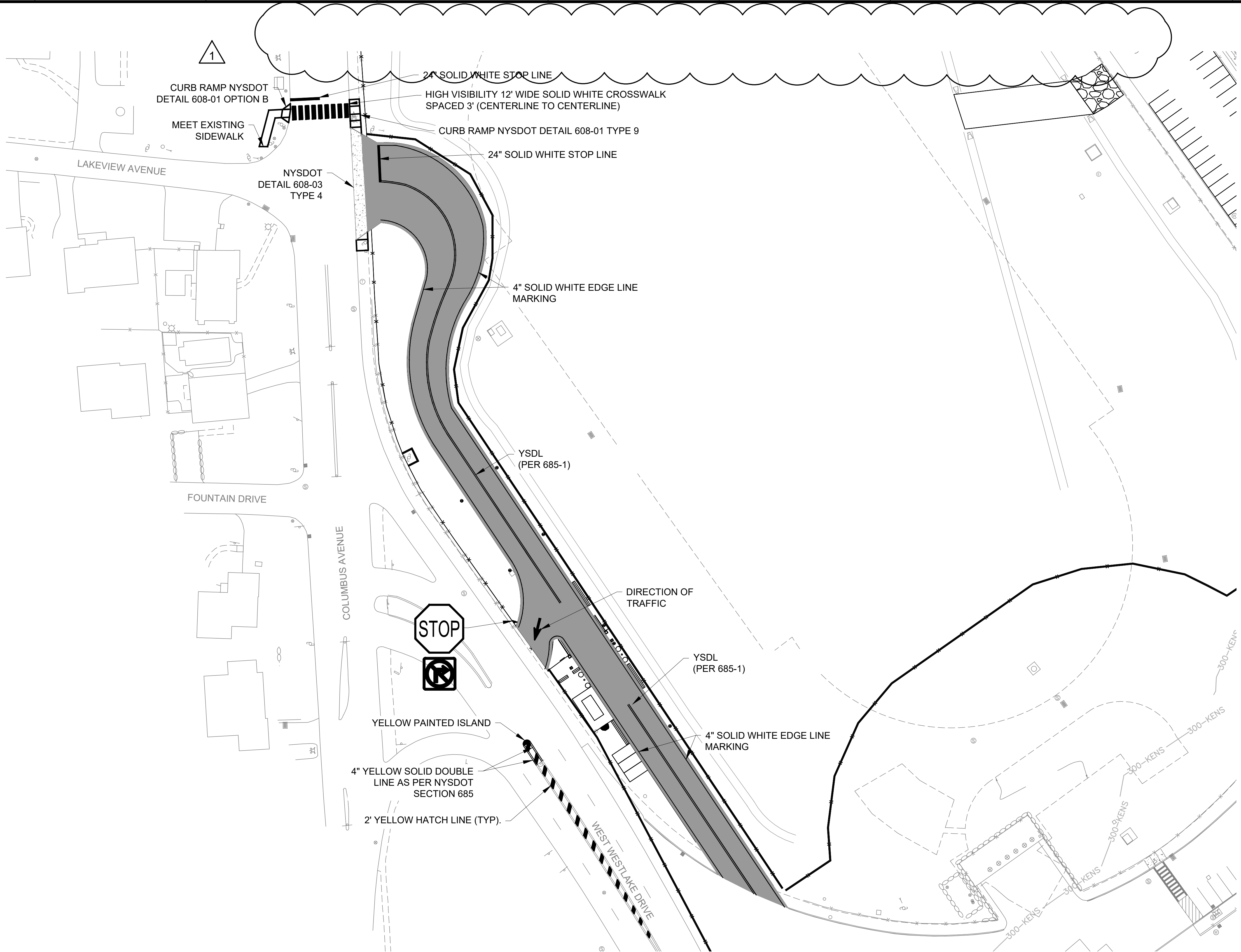
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ADDENDUM NO. 2
DATE ISSUED: 07/2023

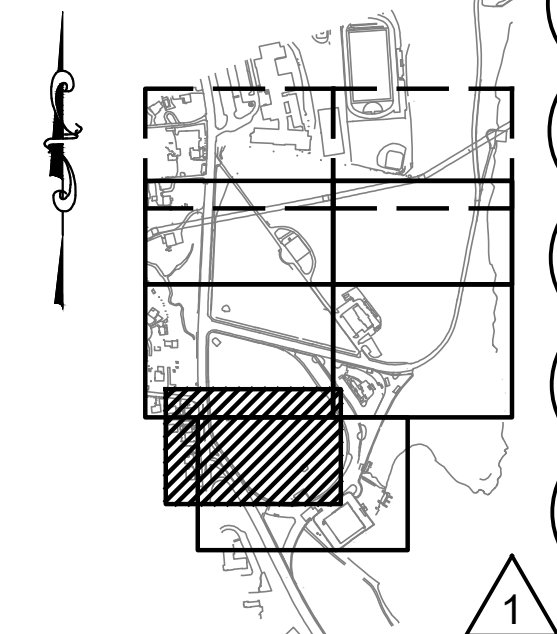
GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft)
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	+1.28 - BWS 0 - NAVD88

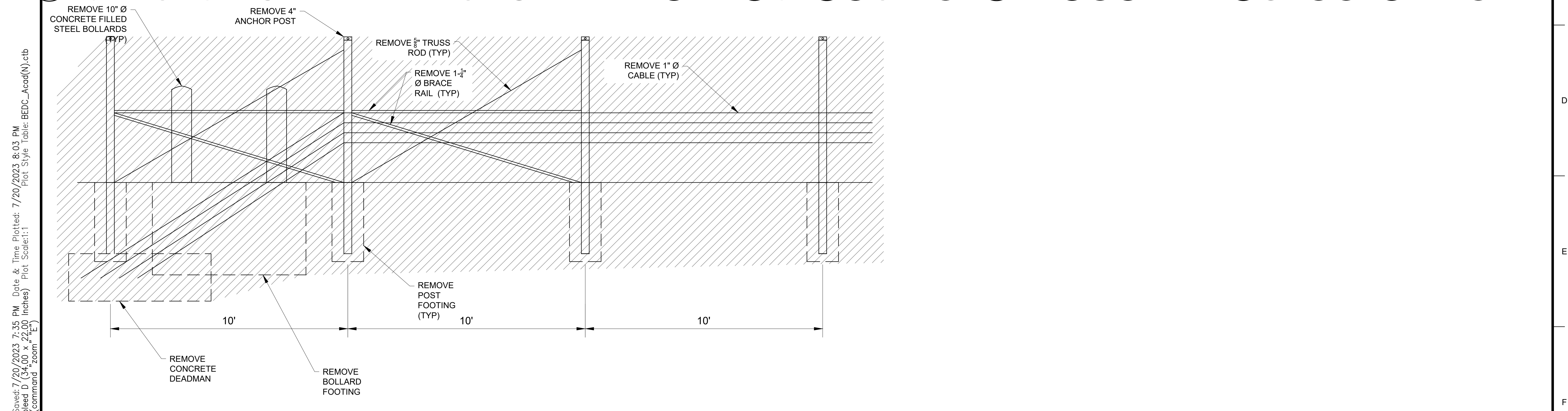
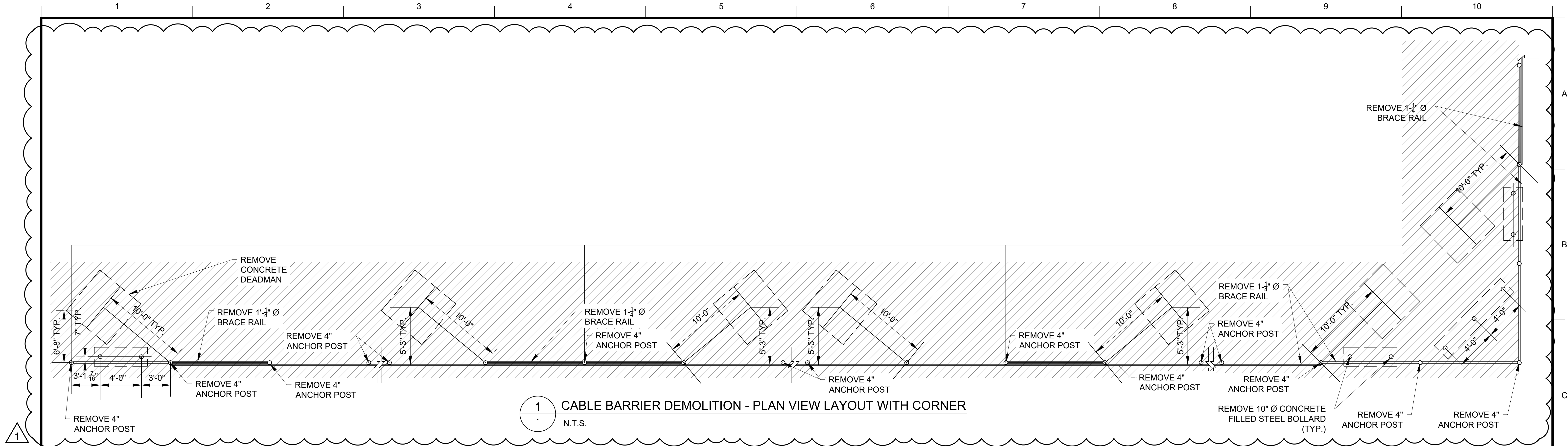
CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: APRIL 2023 SCALE: AS NOTED SHEET NO:
CIVIL SIGNING AND STRIPING PLAN SHEET 5	DRAWING NO. KSPP-C-486.00

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- NOTE(S):**
- ALL EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
 - CONTRACTOR SHALL PROVIDE NEW SIGNING AND STRIPING THAT MATCHES EXISTING, FOR ALL REPAVING OF EXISTING AREAS.





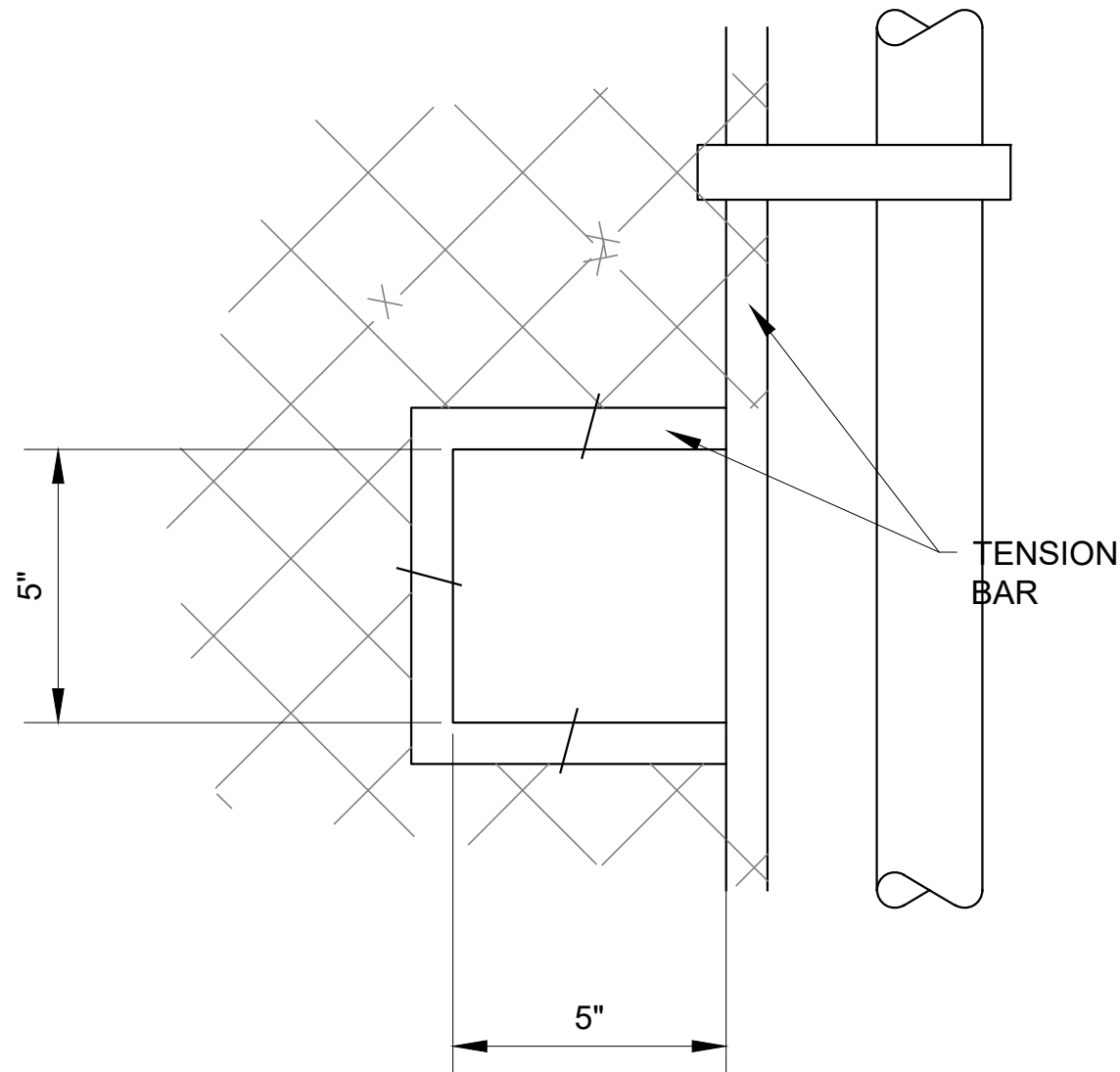
2 CABLE BARRIER DEMOLITION - END PANEL ELEVATION
N.T.S.

 <h1>ADDENDUM NO. 2</h1> <p>DATE ISSUED: 07/2023</p>	<p>GRAPHIC SCALES CHECK BEFORE USE</p>	<p>VERTICAL DATUM CONVERSION (ft)</p>
	<p>IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY</p>	<p>+1.28 BWS</p> <p>0 NAVD88</p>

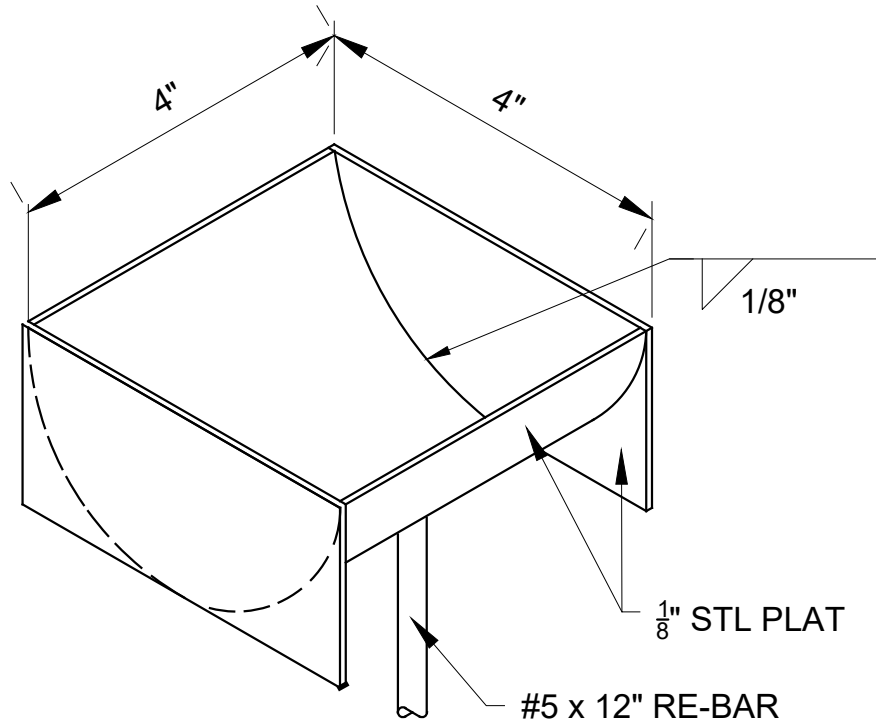
					DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2." www.nyc.gov/dep	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION CIVIL SITE DETAILS 2	DATE:
				CHECKED BY: DD, MR		PORTFOLIO MANAGER LAUREN D'ATTILE, PE			SCALE: AS NOTED				
				DESIGN LEAD: SEBASTIAN LOPEZ, PE		DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE			SHEET NO:				
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE					DRAWING NO. KSPP-C-702.01				
NO.	DATE	REVISIONS/DESCRIPTION		APPRD.									

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Drawing File Name & Drive Location: (command "zoom" "E") Plot Style Table: BEDC_Acad(N).ctb



CHAIN LINK & LOCK CUT-OUT
N.T.S.

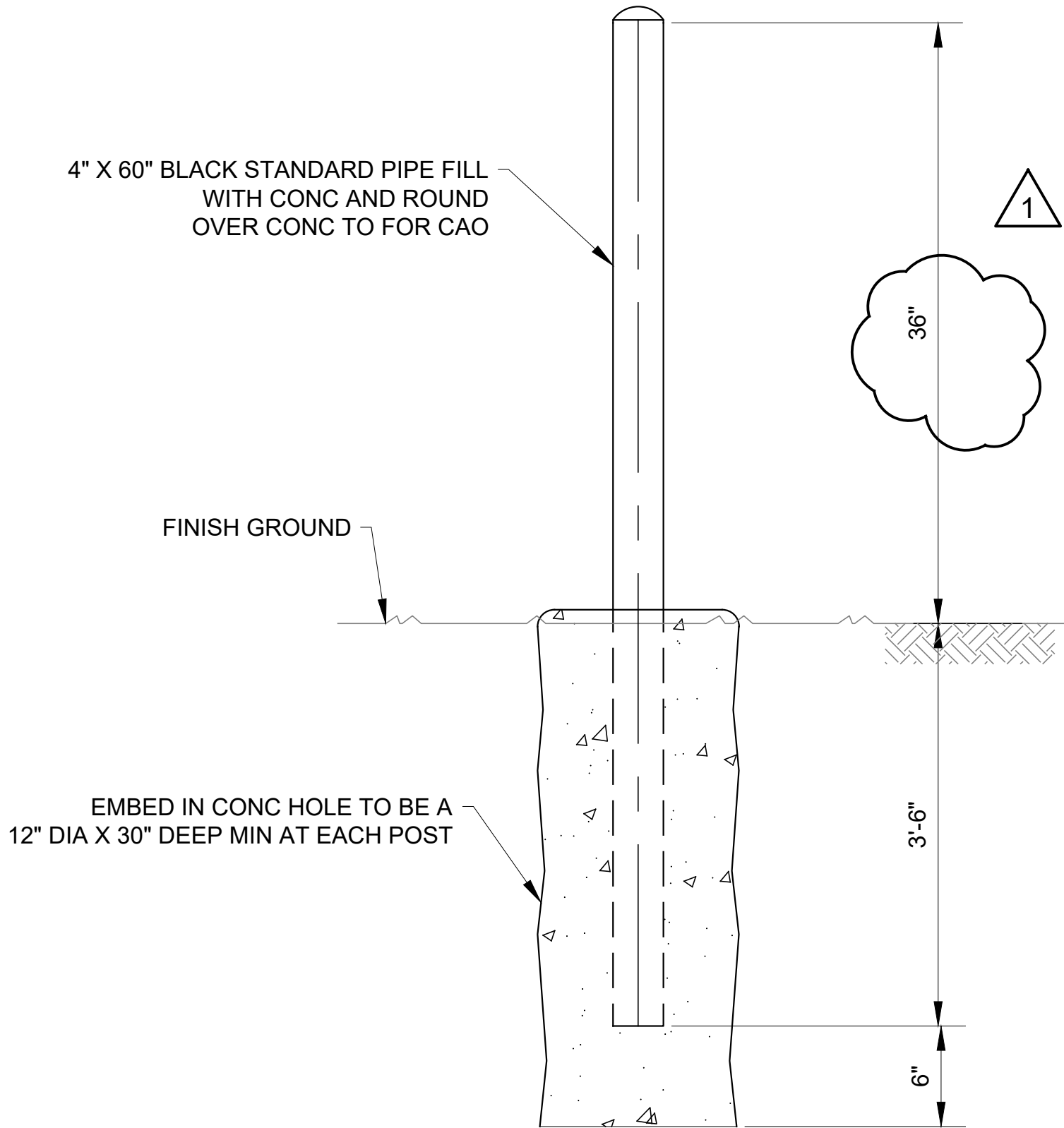


PLUNGER CUP ISOMETRIC
N.T.S.

NOTES:

1. PROVIDE CHAIN LINK FENCE IN ACCORDANCE WITH NYSDOT STANDARD SHEETS 607-01, 607-04, 607-06 AND SPECIFICATION 32 31 15 - CHAIN LINK FENCE.
2. METAL FENCE SHALL BE EQUIPPED WITH PLUNGER CUP, AS SHOWN. PLUNGER DIMENSIONS SHALL BE COORDINATED WITH LOCKING POST SIZE.
3. METAL FENCE SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND WITH SECTION 26 05 27 - GROUNDING. GROUNDING RODS SHALL BE INSTALLED AT EACH FENCE CORNER AND AT A MAXIMUM OF 160FT INTERVALS ALONG THE FENCE. ALL GATE OPENINGS IN THE FENCE SHALL BE GROUNDED.
5. METAL FENCE SHALL BE PROVIDED COVERED WITH AN OPAQUE STURDY CLOTH "WINDSCREEN" FABRIC NETTING AT ALL LOCATIONS. FABRIC SHALL BE SECURELY ATTACHED TO THE FENCE OR GATE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. THE FABRIC AND THE FENCE SHALL BE MAINTAINED IN A NEAT, RIGID AND TAUT APPEARANCE.

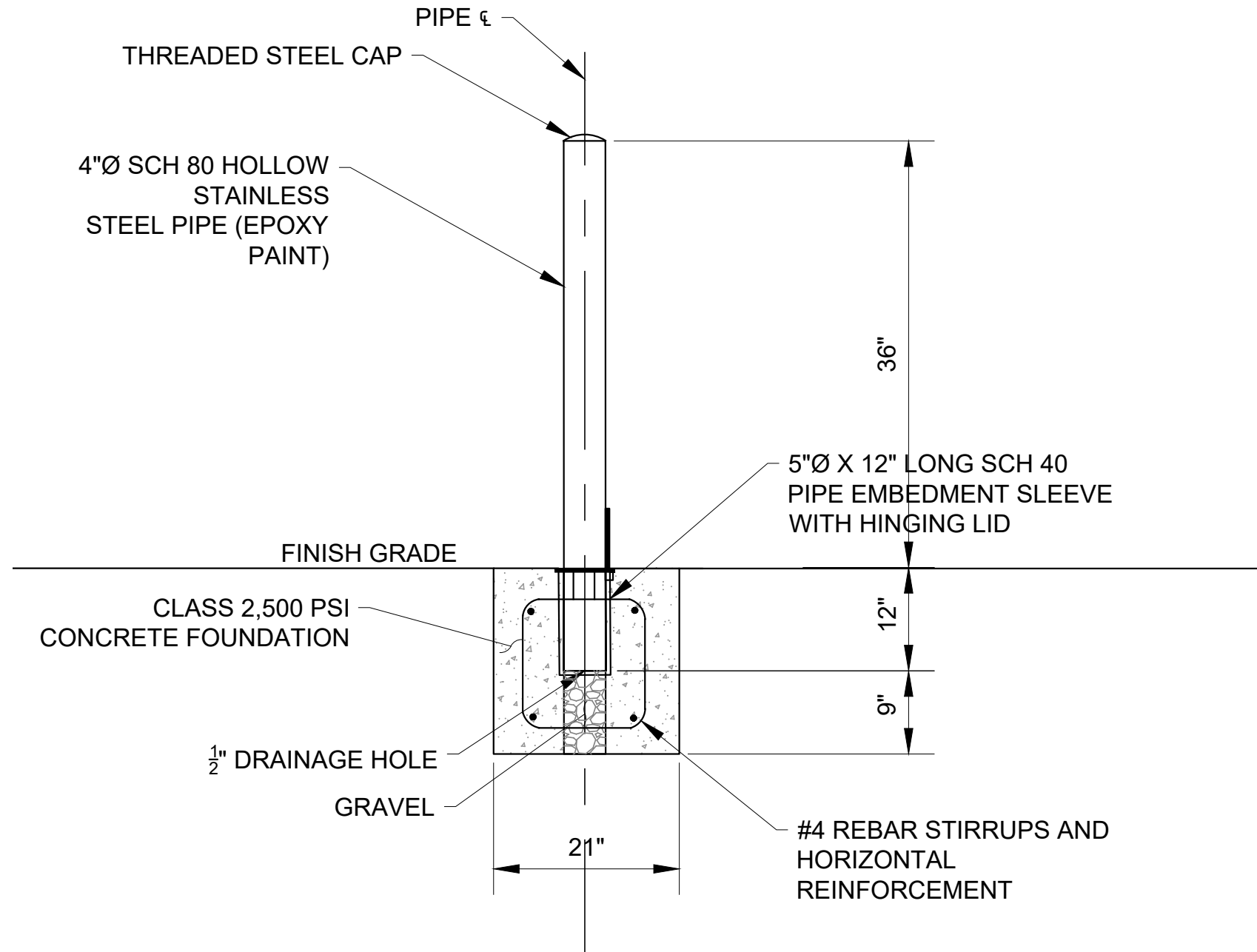
1 CHAIN LINK FENCE SPECIAL DETAILS
N.T.S.



NOTE:

PAINT ALL MATERIAL ABOVE GROUND 2 COATS OF SAFETY YELLOW

2 4" GUARD POST (FIXED BOLLARD)
N.T.S.



NOTE:

PAINT ALL MATERIAL ABOVE GROUND 2 COATS OF SAFETY YELLOW

3 ACCIDENTAL IMPACT REMOVABLE BOLLARD
N.T.S.

DESIGNED BY:	SL, MT, AF, PS, MH	DRAWN BY:	CC, JC
CHECKED BY:	DD, MR		
DESIGN LEAD:	SEBASTIAN LOPEZ, PE		
SECTION MANAGER:	ALEXANDER LOPEZ, PE		
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	07/23	ADDENDUM #2	SL



ACCOUNTABLE MANAGER	JUSTIN RIVELLINO
PORTFOLIO MANAGER	LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN	MICHAEL LOEHR, PE

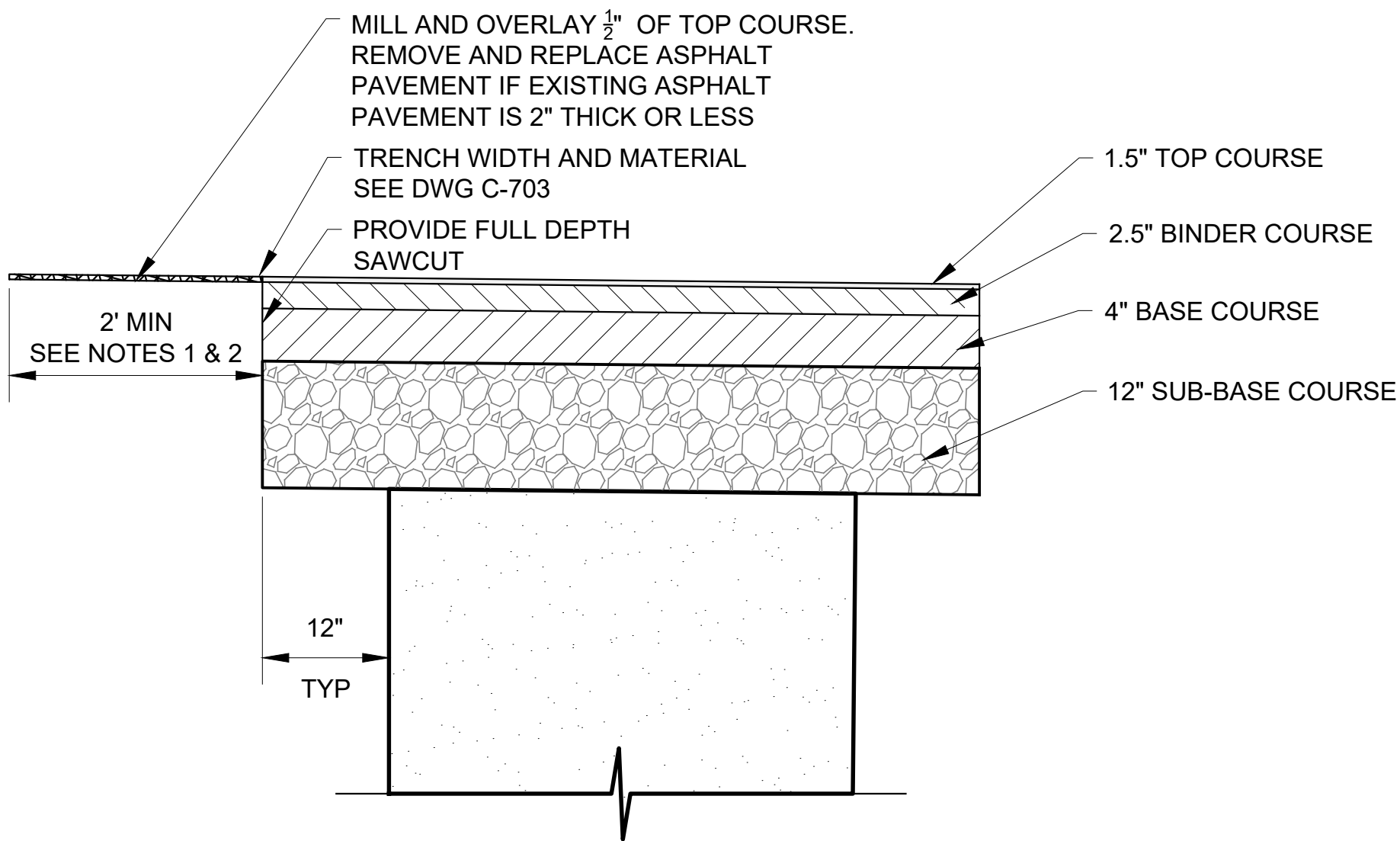
"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION,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

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 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 ± BWS 0 ± NAVD88
	IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY	
	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: APRIL 2023 SCALE: AS NOTED SHEET NO:
	CIVIL SITE DETAILS 3	DRAWING NO. KSPP-C-703.01

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

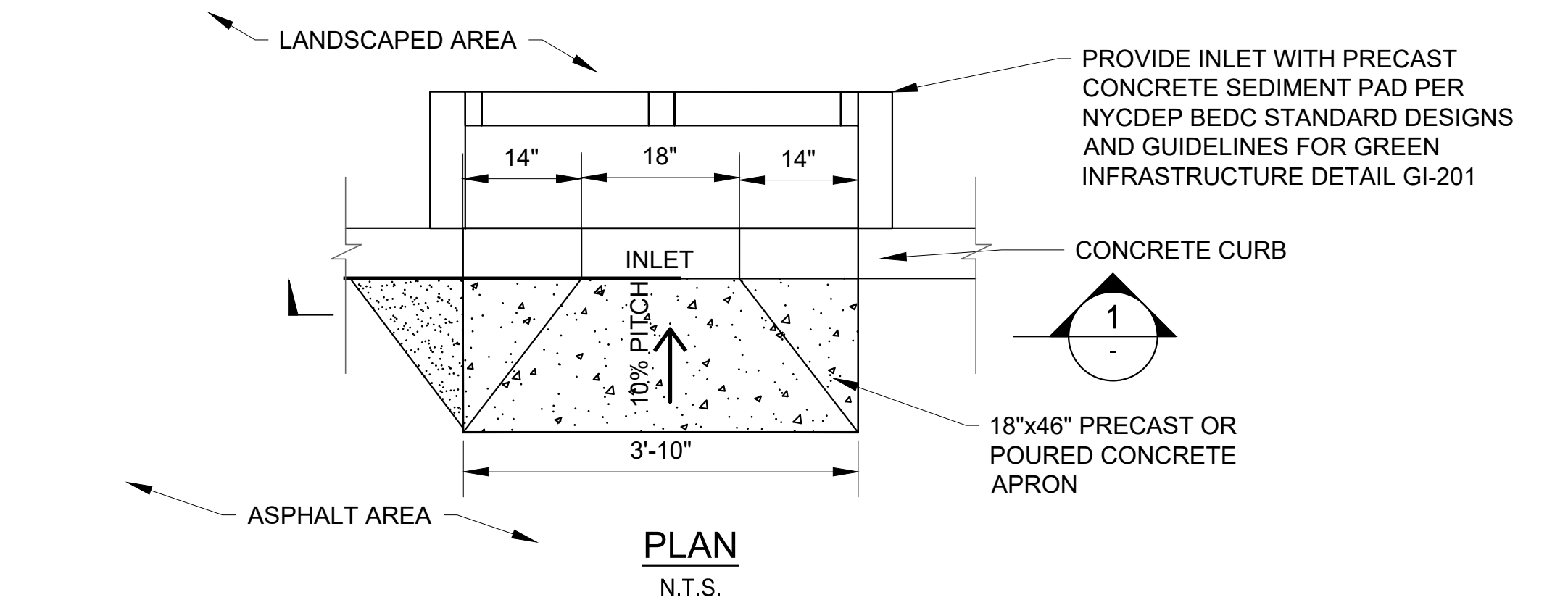
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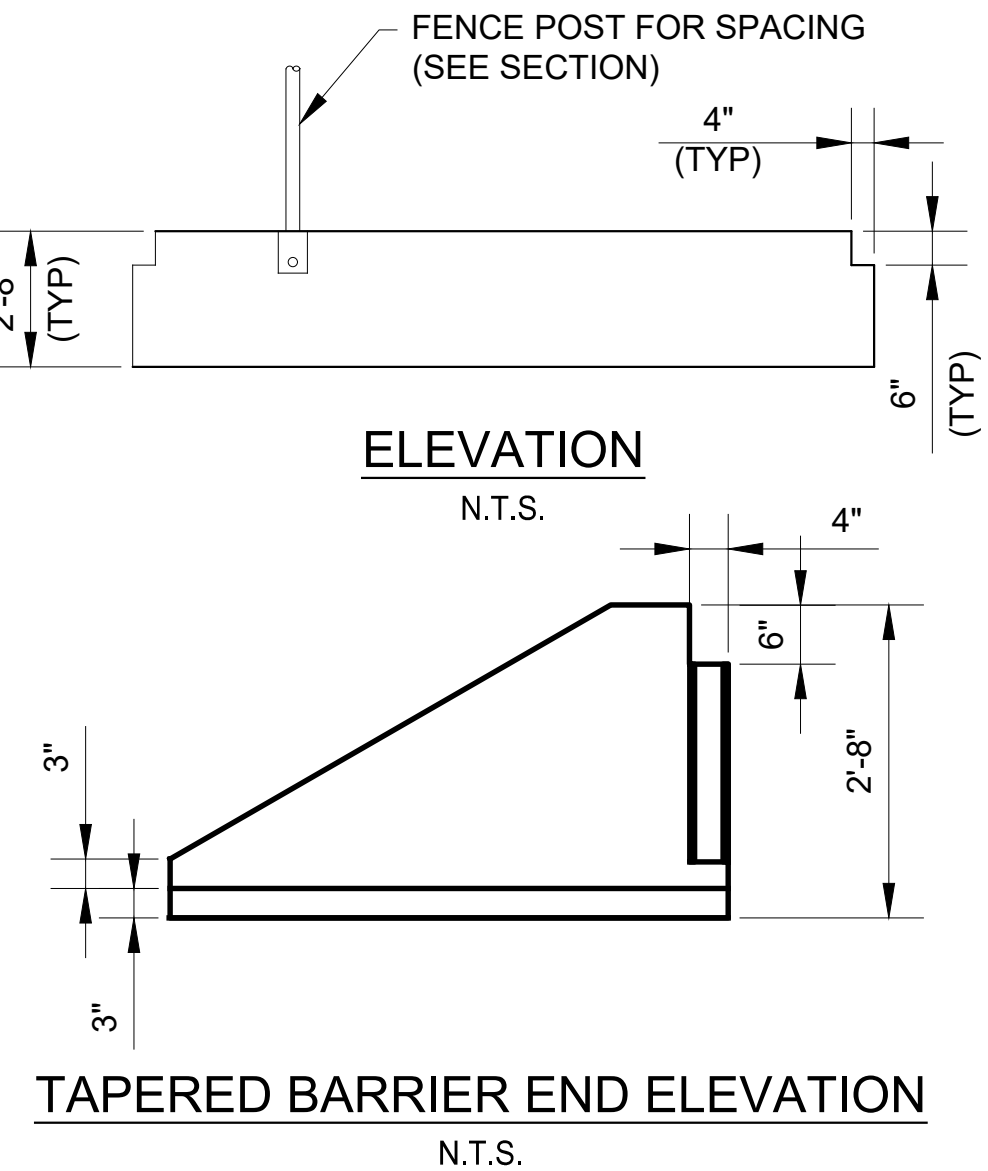
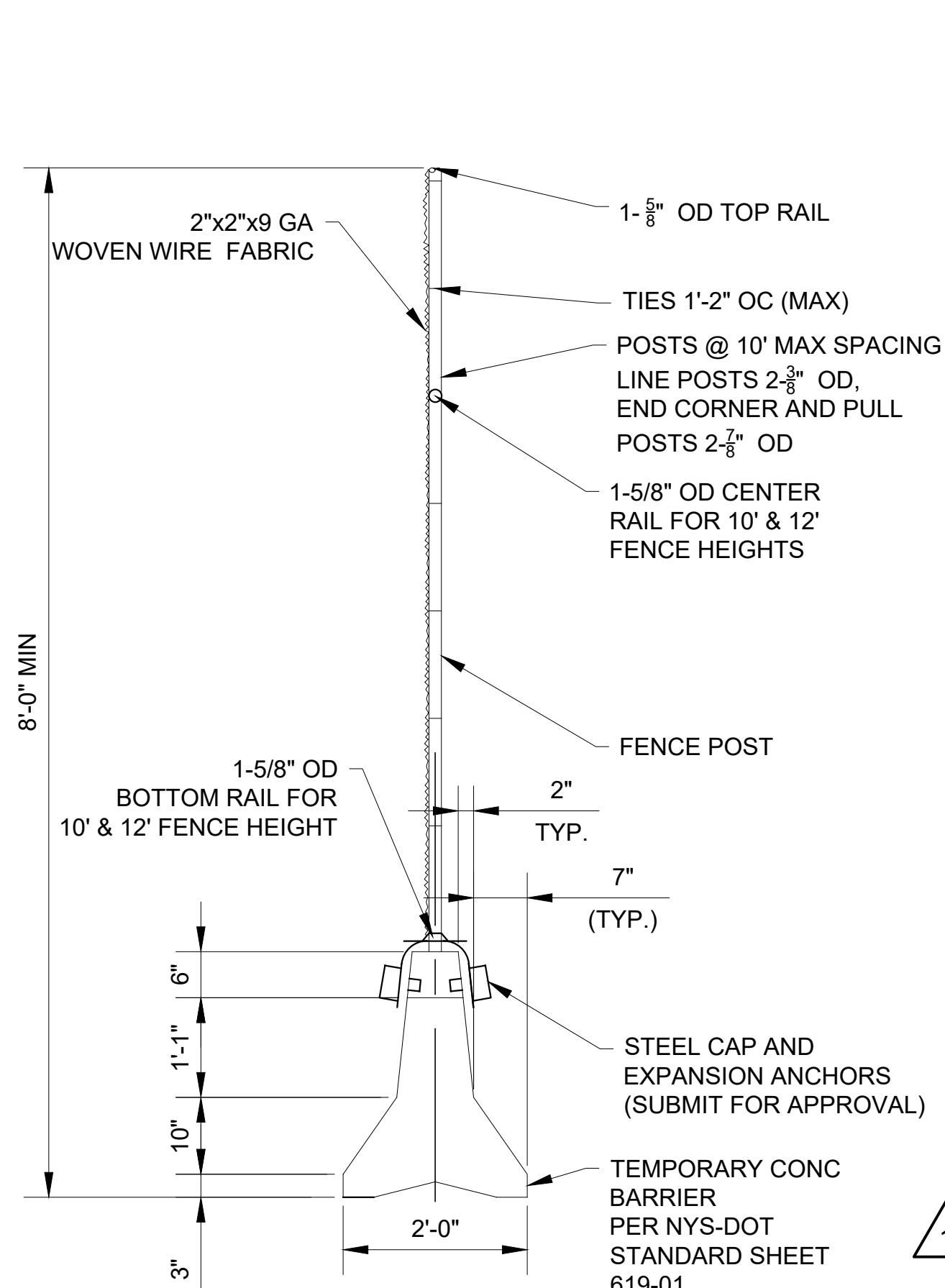
1 TYPICAL PAVEMENT RESTORATION
N.T.S.

NOTES:

- IF SAWCUT LINE IS WITHIN FIVE FEET OF EDGE OF EXISTING ASPHALT CONCRETE SURFACE OR EXISTING SAWCUT LINE, MILL AND OVERLAY OR REPLACE TO THAT EDGE.
- PLACE A TRUING AND LEVELING COURSE OF A MINIMUM VARIABLE THICKNESS OF PROPER PLANT MIX NECESSARY TO BRING THE SURFACE OF THE EXISTING PAVEMENT TO THE SAME TRANSVERSE SLOPE AND LONGITUDINAL GRADE REQUIRED FOR THE FINISHED PAVEMENT SURFACE.
- ASPHALT PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH SECTION 32 12 16 - ASPHALT PAVING
- PROVIDE TACK COAT BETWEEN ALL HMA LIFTS PRIOR TO PLACING HMA MIXTURE



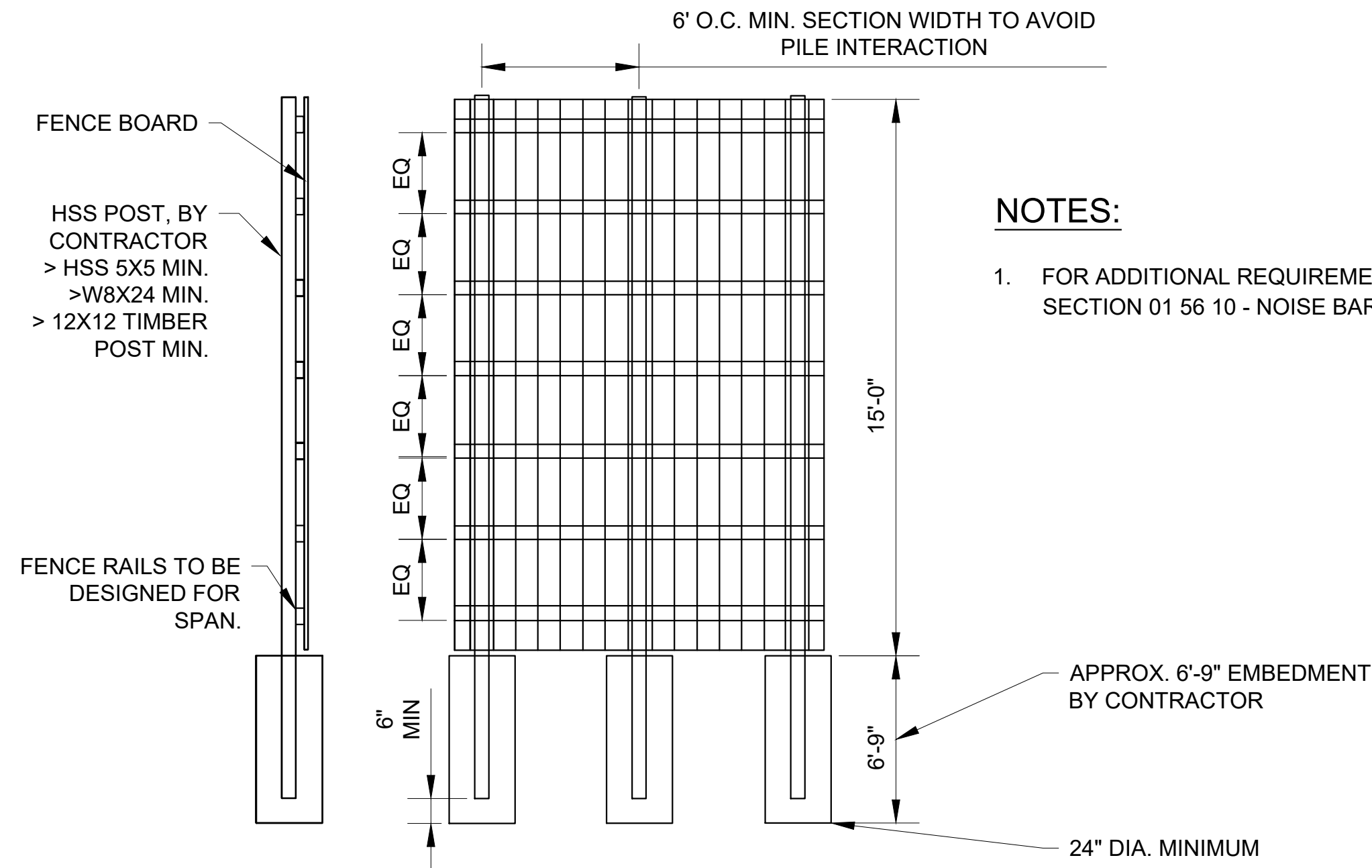
2 CURB INLETS
N.T.S.



NOTES:

- CONTRACTOR SHALL PROVIDE THE CONCRETE BARRIER AND FENCE IN ACCORDANCE WITH SECTION 32 31 15 - CHAIN LINK FENCE. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND CALCULATIONS FOR THE PROPOSED FENCE AND ITS CONNECTION TO THE CONCRETE BARRIER. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK, AND SHALL SHOW COMPLIANCE WITH WIND ANALYSIS PROVISIONS ON THE BUILDING CODE. TEMP CONCRETE BARRIER FENCE SHALL BE PROVIDED WITH BOTTOM OPENINGS TO ACCOMMODATE DRAINAGE.
- CONTRACTOR SHALL PROVIDE GROUNDING FOR CONCRETE BARRIER FENCE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND WITH SECTION 26 05 27 - GROUNDING. GROUNDING RODS SHALL BE INSTALLED AT EACH FENCE CORNER AND AT A MAXIMUM OF 160FT INTERVALS ALONG THE FENCE. ALL GATE OPENINGS IN THE FENCE SHALL BE GROUNDED.
- METAL FENCE SHALL BE PROVIDED COVERED WITH AN OPAQUE STURDY CLOTH "WINDSCREEN" FABRIC NETTING AT ALL LOCATIONS. FABRIC SHALL BE SECURELY ATTACHED TO THE FENCE OR GATE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. THE FABRIC AND THE FENCE SHALL BE MAINTAINED IN A NEAT, RIGID AND TAUT APPEARANCE.

3 CONCRETE BARRIER FENCE
N.T.S.



NOTES:

- FOR ADDITIONAL REQUIREMENTS, SEE SECTION 01 56 10 - NOISE BARRIER

4 NOISE BARRIER
N.T.S.



ADDENDUM NO. 2
DATE ISSUED: 07/2023

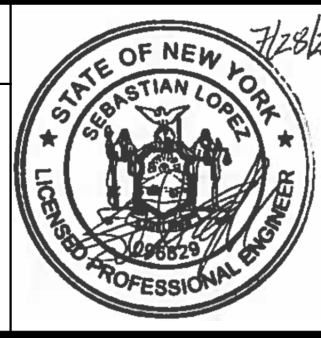
GRAPHIC SCALES
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CONVERSION (ft)
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	07/23	ADDENDUM #2	SL

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO	DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE
PORTFOLIO MANAGER LAUREN D'ATTILE, PE	

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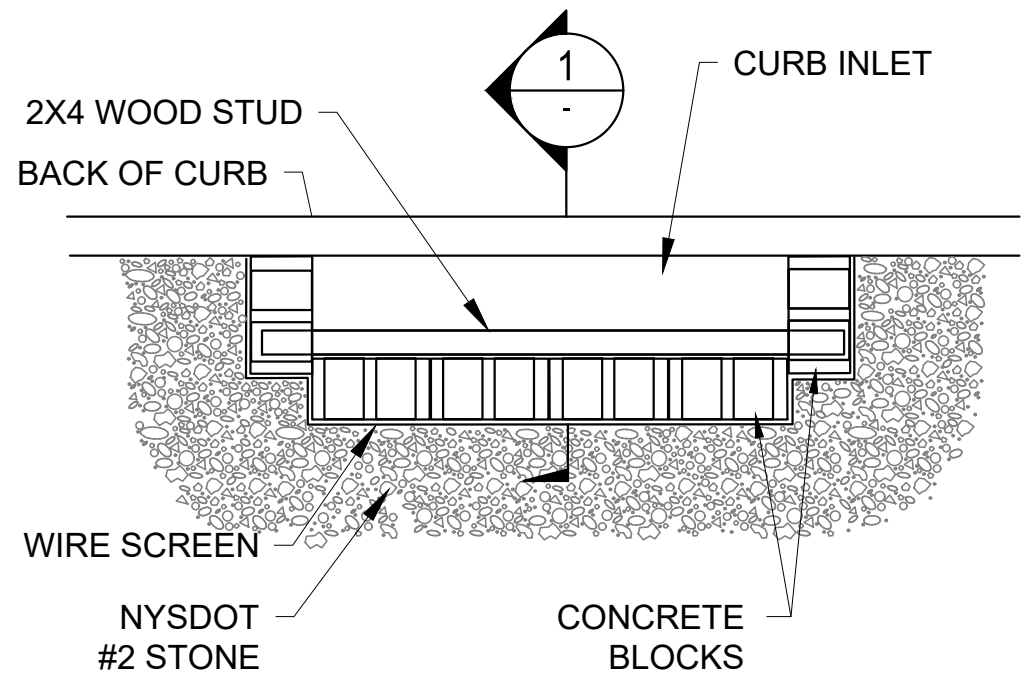
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96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dcp

CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

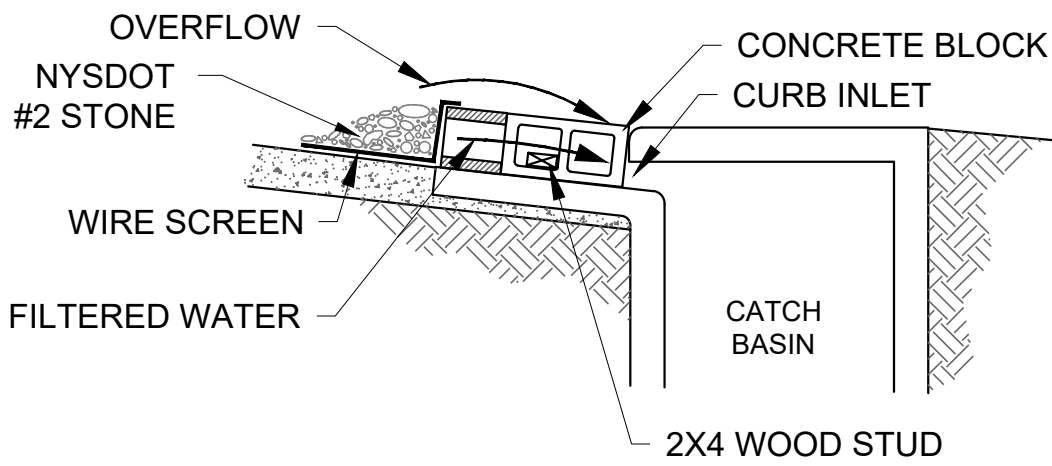
CIVIL
SITE
DETAILS 4

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSP-P-C-704.01

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PLAN
N.T.S.

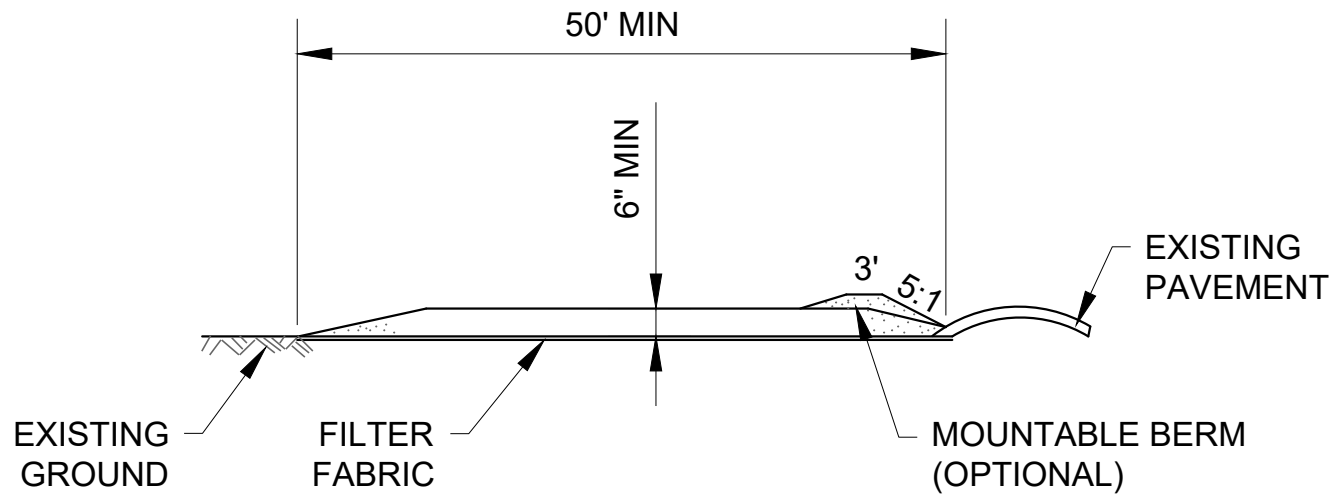


SECTION 1
N.T.S.

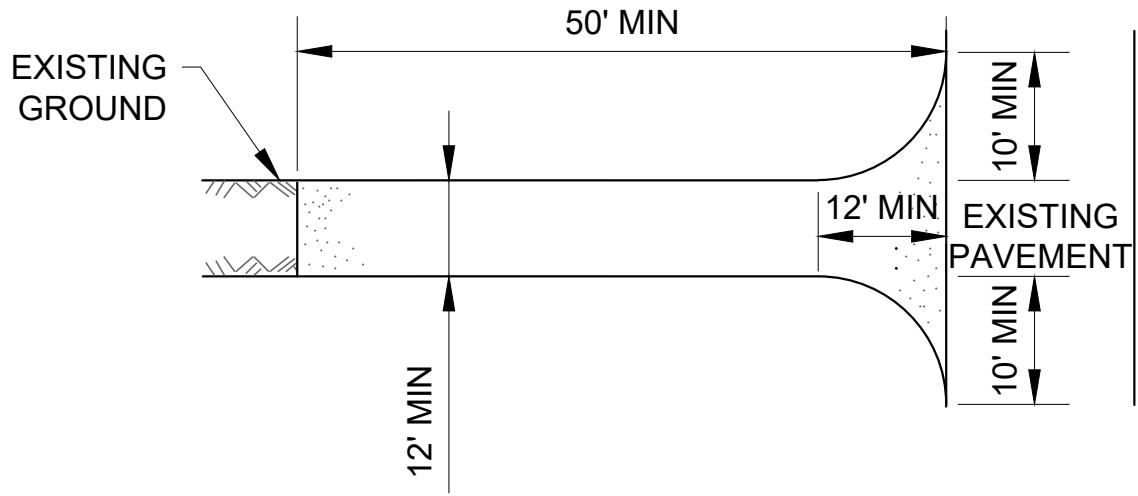
CONSTRUCTION NOTES:

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2" MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET SUPPORT.
- HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
- USE CLEAN STONE OR GRAVEL 1/2"- 3/4" DIA PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
- FOR STONE STRUCTURES ONLY, 1' THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3" STONE AS SHOWN.
- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

1 CURB INLET PROTECTION
N.T.S.



PROFILE
N.T.S.

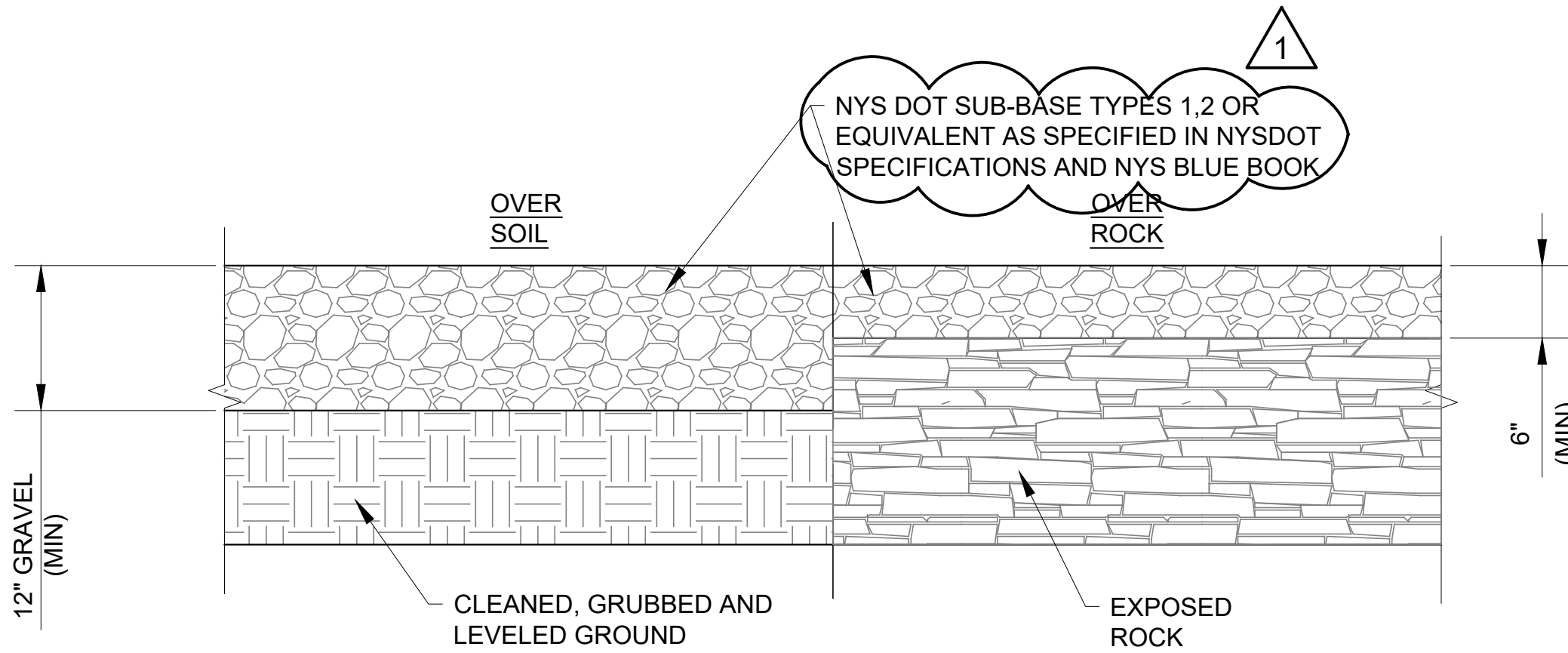


SECTION VIEW
N.T.S.

CONSTRUCTION NOTES:

- PROVIDE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH NYSDEC BLUE BOOK
- STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT SINGLE ENTRANCE TO SITE.
- GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MANTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN PASSING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

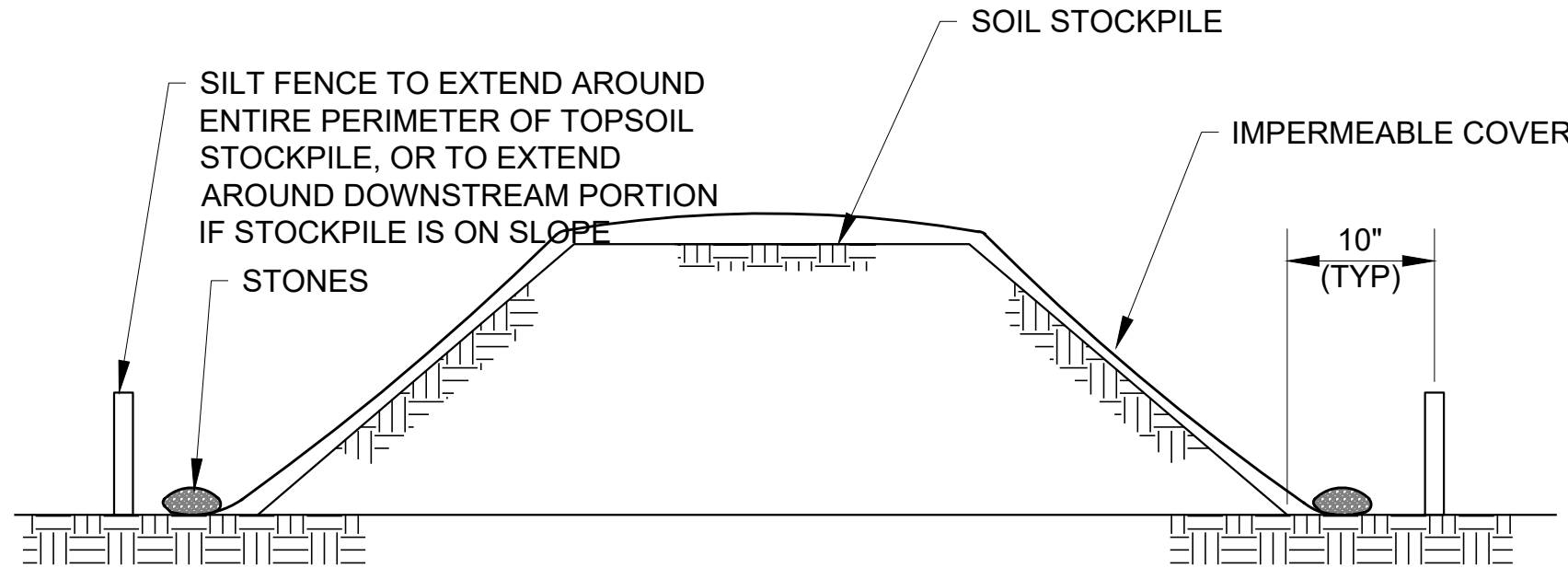
2 STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



CONSTRUCTION NOTES:

- GRAVEL SURFACE CONTRACTOR AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NYS STANDARDS AND SPECIFICATIONS FOR ES&C (BLUE BOOK) STANDARD FOR CONSTRUCTION ROAD STABILIZATION

3 CONSTRUCTION ROAD AND STAGING AREA STABILIZATION
N.T.S.



NOTES:

- AN ON-SITE DRAINAGE SWALE SHALL BE LOCATED BETWEEN THE TOPSOIL STOCKPILE AND OFF-SITE PROPERTY.
- REFER TO THE SILT FENCE DETAIL FOR MATERIALS, MAINTENANCE, AND INSTALLATION METHODS.
- IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH THE BURLAP MATTING OR SEEDED WITHIN 7 DAYS OF COMPLETION TO MINIMIZE EROSION.
- SILT FENCES SHALL BE MAINTAINED IN PLACE UNTIL TOPSOIL STOCKPILE HAS BEEN ELIMINATED AND SHALL BE REMOVED ONLY WHEN DIRECTED BY THE ENGINEER.
- IMPERMEABLE COVER PER SPECIFICATIONS. (SUBMIT FOR APPROVAL).

4 TOPSOIL STOCKPILE
N.T.S.

DESIGNED BY: SL, MT, AF, PS, MH	DRAWN BY: CC, JC
CHECKED BY: DD, MR	
DESIGN LEAD: SEBASTIAN LOPEZ, PE	
SECTION MANAGER: ALEXANDER LOPEZ, PE	

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	07/2023	ADDENDUM #2	SL



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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ADDENDUM NO. 2
DATE ISSUED: 07/2023

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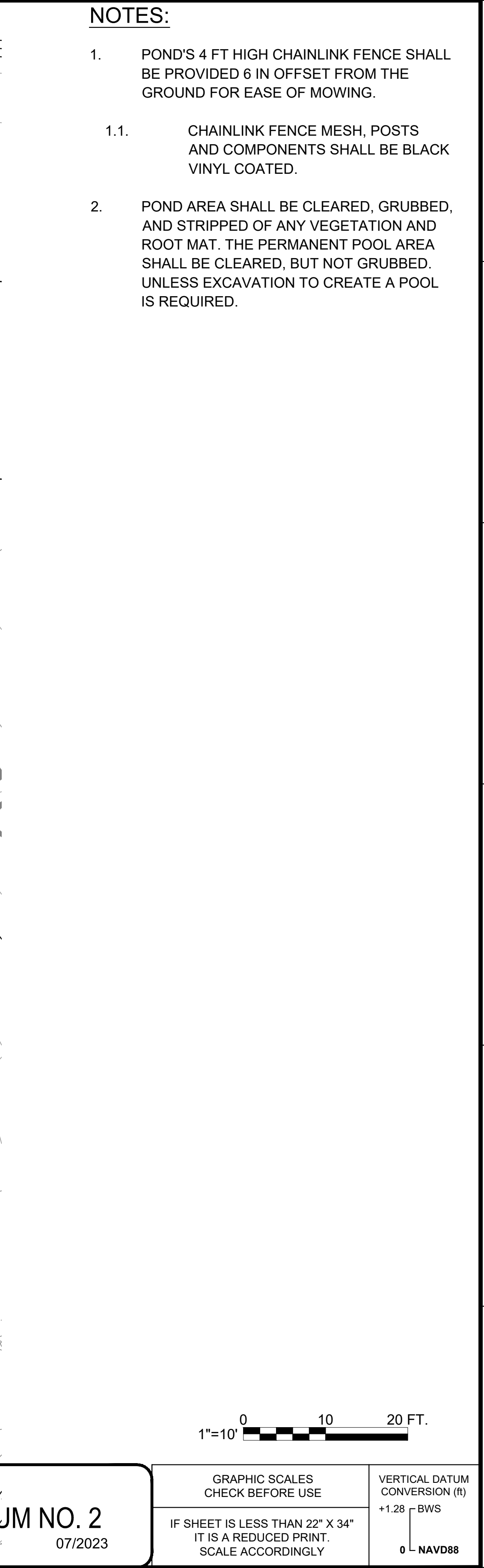
**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

CIVIL
EROSION & SEDIMENT CONTROL
DETAILS 2

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:

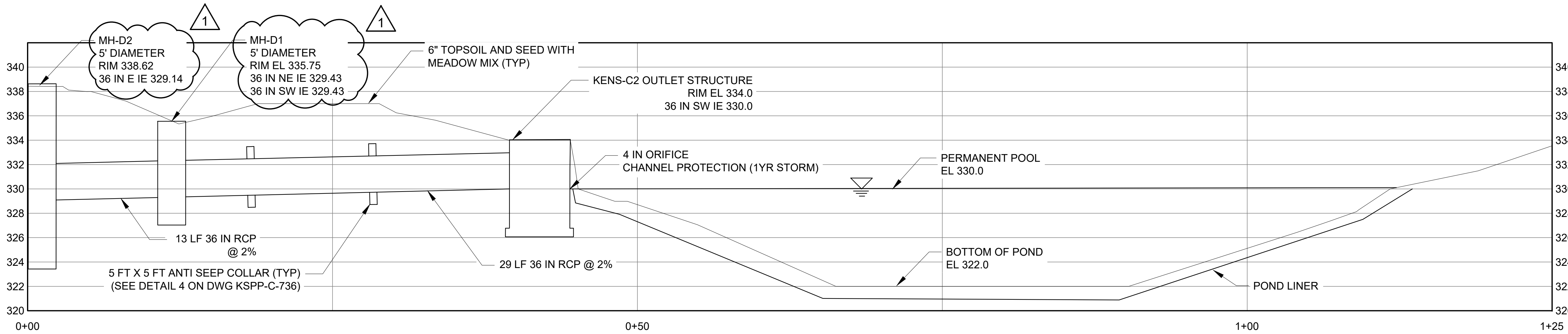
DRAWING NO.
KSP-P-C-711.01

1. POND'S 4 FT HIGH CHAINLINK FENCE SHALL BE PROVIDED 6 IN OFFSET FROM THE GROUND FOR EASE OF MOWING.
 - 1.1. CHAINLINK FENCE MESH, POSTS AND COMPONENTS SHALL BE BLACK VINYL COATED.
2. POND AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE PERMANENT POOL AREA SHALL BE CLEARED, BUT NOT GRUBBED. UNLESS EXCAVATION TO CREATE A POOL IS REQUIRED.

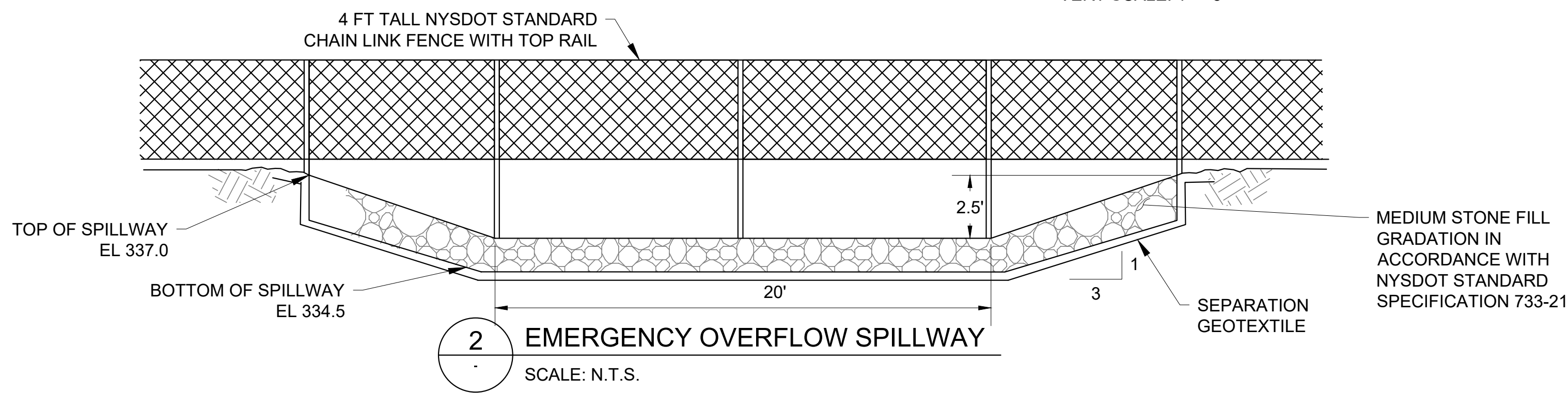


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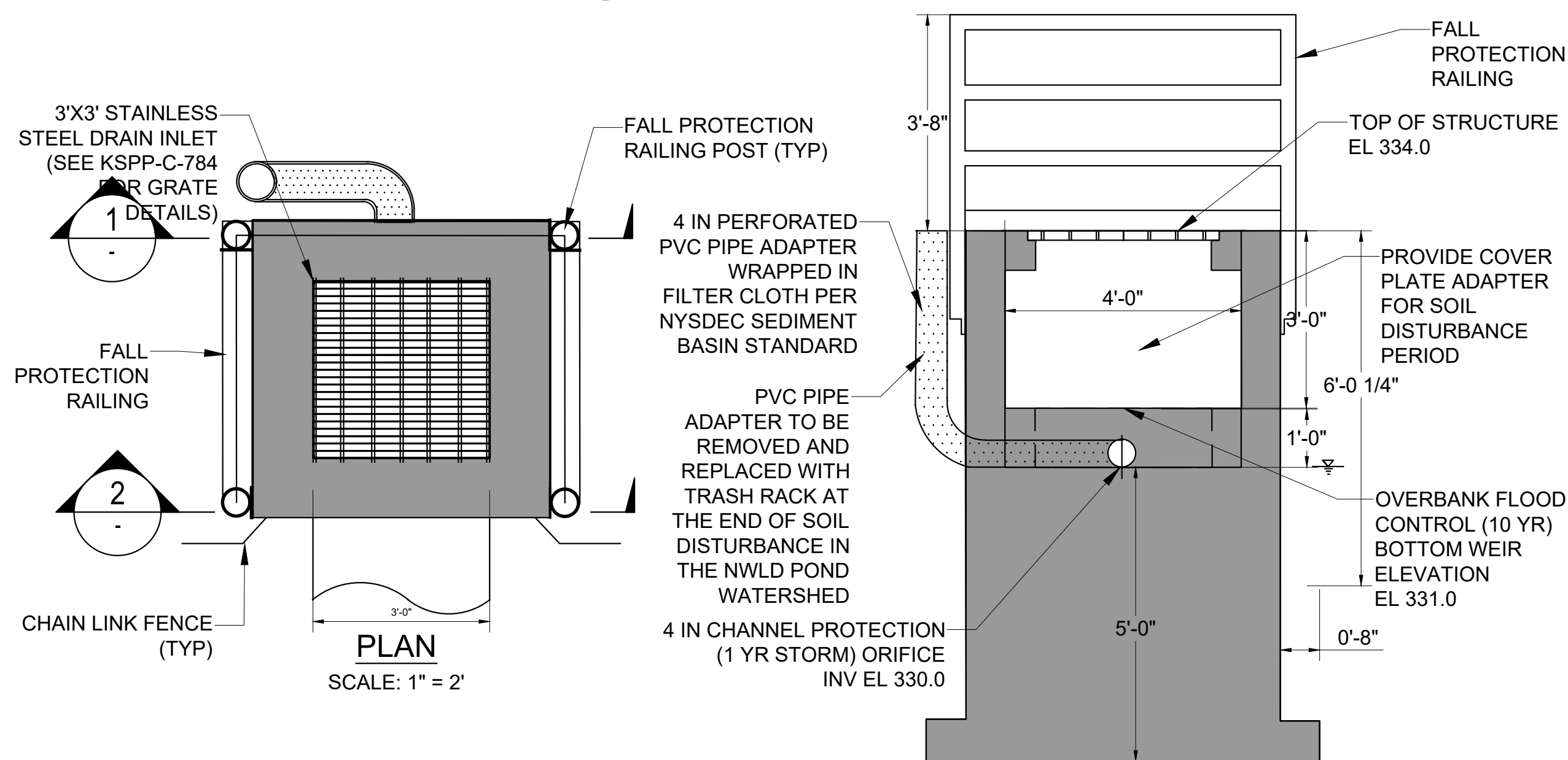
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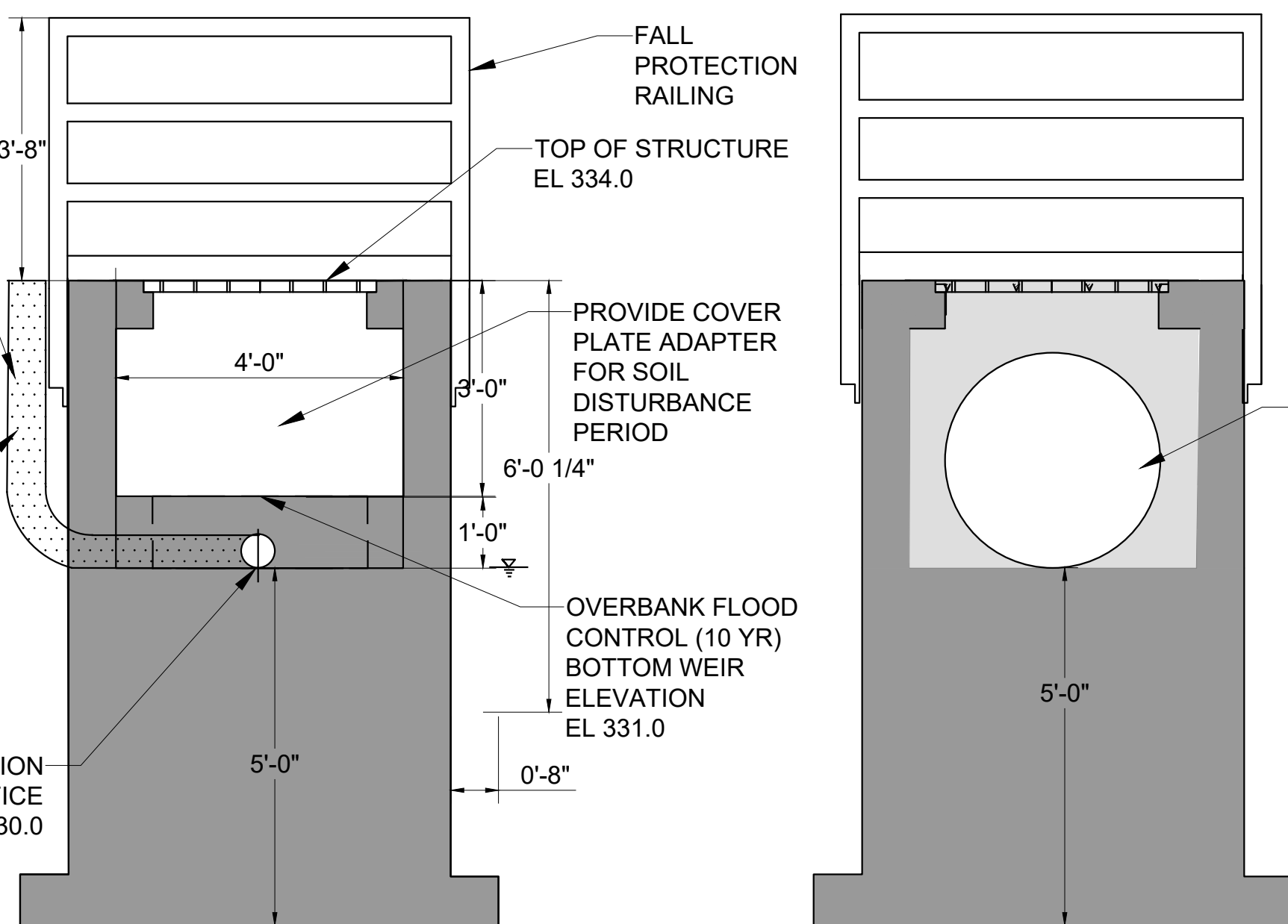
1 PROFILE - RELOCATED WESTLAKE DRIVE POND AND KENS - C2 OUTLET STRUCTURE
HOR SCALE: 1" = 5'
VERT SCALE: 1" = 5'



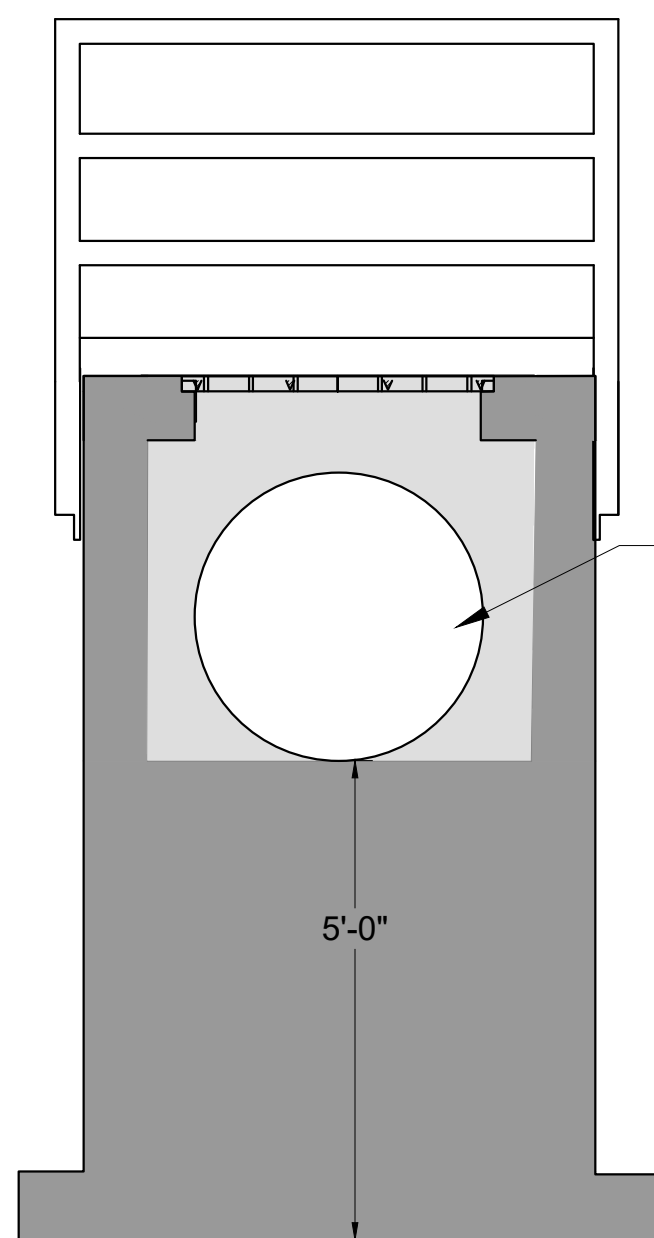
2 EMERGENCY OVERFLOW SPILLWAY
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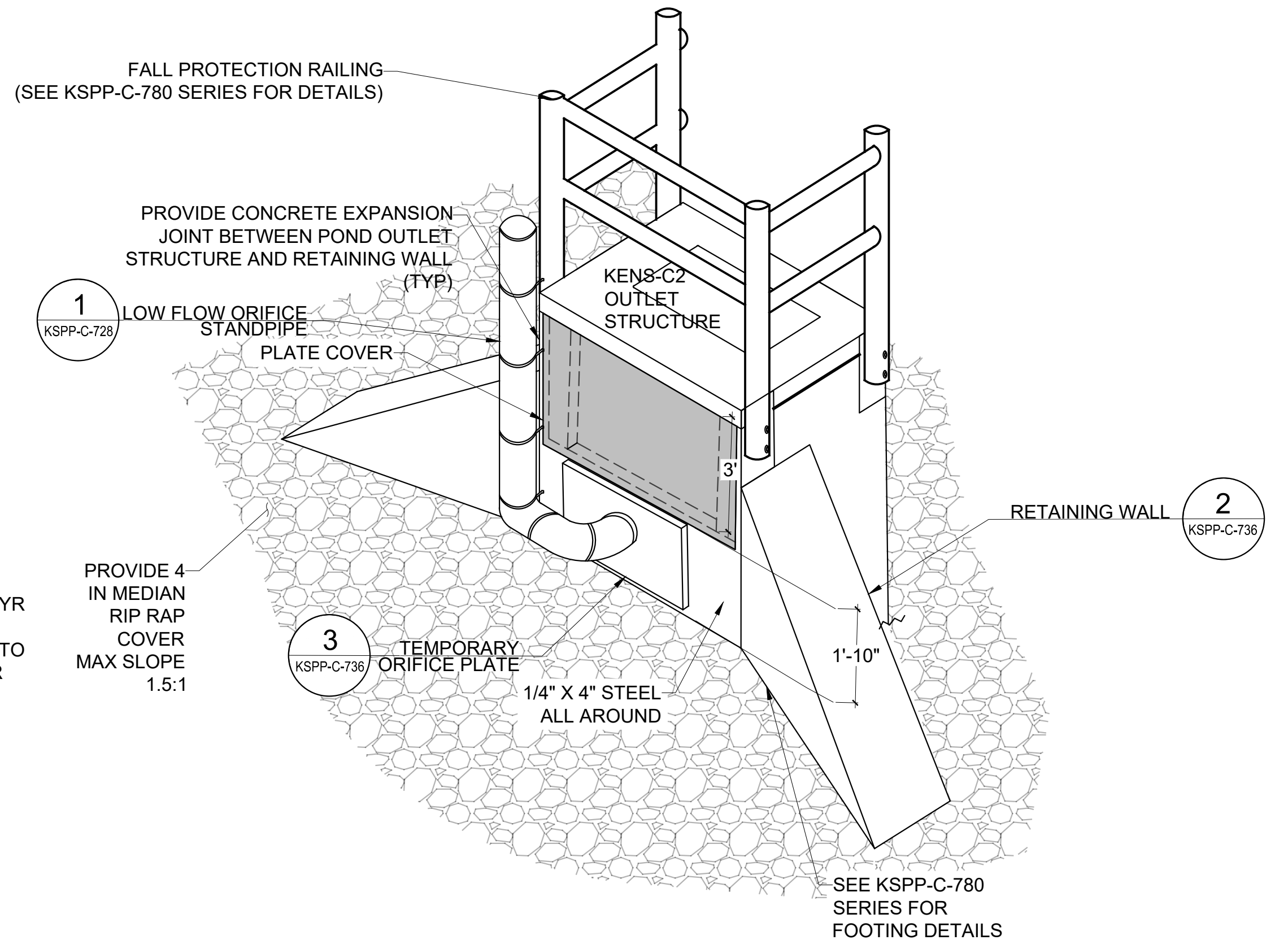
PLAN
SCALE: 1" = 2'



SECTION 1 - FRONT
SCALE: 1" = 2'



SECTION 2 - BACK
SCALE: 1" = 2'




4 3D SCHEMATIC VIEW
SCALE: 1" = 2'

3 KENS-C2 OUTLET STRUCTURE DETAIL
SCALE: 1" = 2'

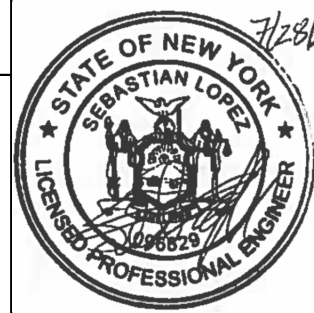
NOTES:

- CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL SHOP DRAWINGS AND CALCULATIONS, SIGNED AND SEALED BY A NEW YORK STATE LICENSED ENGINEER FOR ALL POND OUTLET STRUCTURES AND FALL PROTECTION RAILINGS, IN CONFORMANCE WITH OSHA STANDARDS 29 CFR 1910.23, THE NYC BUILDING CODE AND ACI 318. SEE SECTION 33 39 10 - SANITARY AND STORM SEWER AND SECTION 05 52 30 - WELDED PIPE RAILING. SEE SHEETS KSPP-C-780 TO 789 FOR ADDITIONAL INFORMATION.



 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 - BWS 0 - NAVD88
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				DESIGNED BY: SL, MT, AF, PS, MH
				CHECKED BY: DD, MR
				DESIGN LEAD: SEBASTIAN LOPEZ, PE
1	07/2023	ADDENDUM #2	SL	SECTION MANAGER: ALEXANDER LOPEZ, PE
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

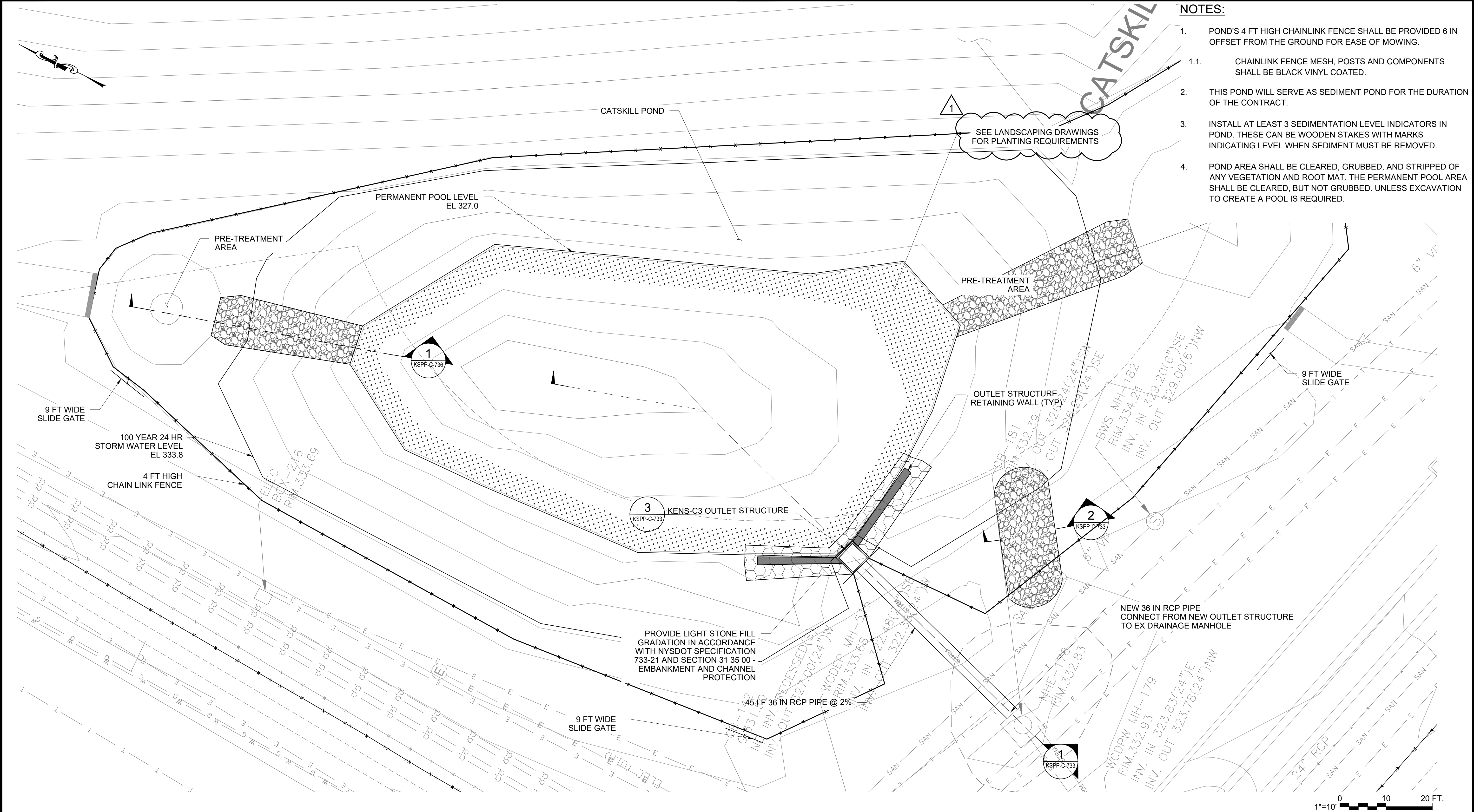
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<div>CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION</div> <div>CIVIL DRAINAGE</div> <div>RWLD POND - PROFILE AND DETAILS</div>	DATE: APRIL 2023
	SCALE: AS NOTED
	SHEET NO:
	DRAWING NO. KSPP-C-731.01

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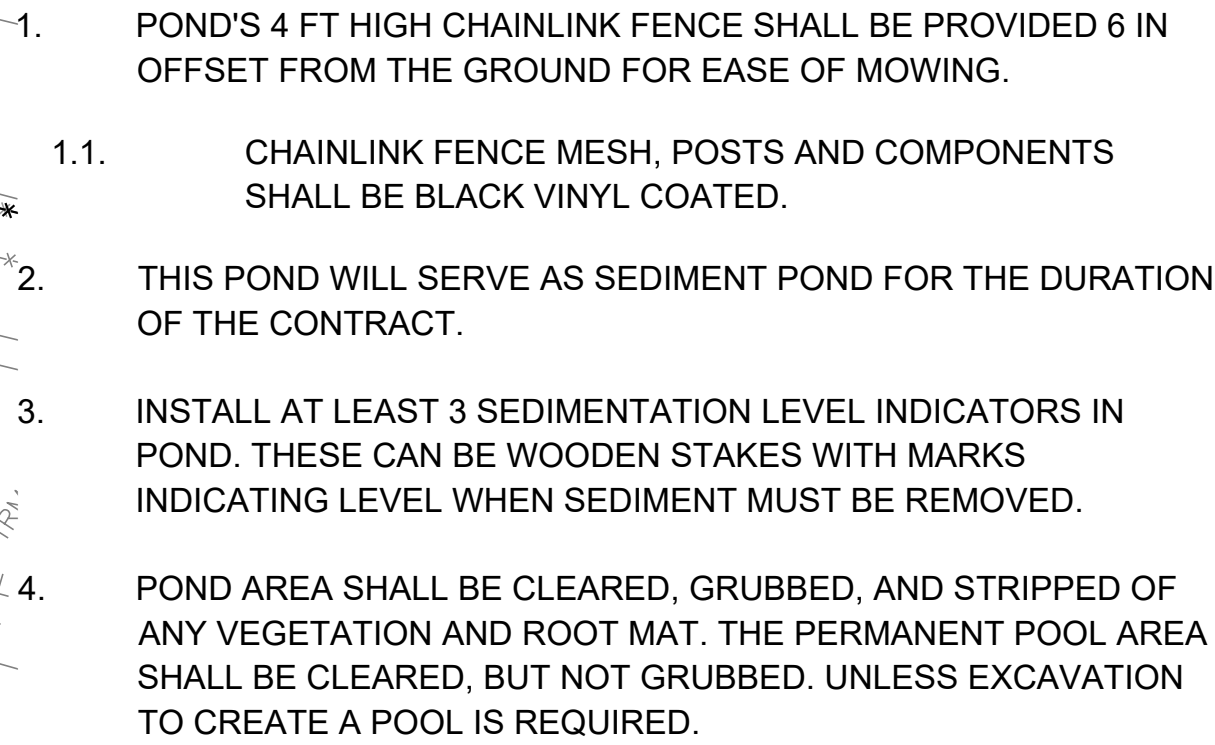


CATSKILL POND - PLAN
SCALE: 1" = 10'

- NOTES:**
- POND'S 4 FT HIGH CHAINLINK FENCE SHALL BE PROVIDED 6 IN OFFSET FROM THE GROUND FOR EASE OF MOWING.
 - CHAINLINK FENCE MESH, POSTS AND COMPONENTS SHALL BE BLACK VINYL COATED.
 - THIS POND WILL SERVE AS SEDIMENT POND FOR THE DURATION OF THE CONTRACT.
 - INSTALL AT LEAST 3 SEDIMENTATION LEVEL INDICATORS IN POND. THESE CAN BE WOODEN STAKES WITH MARKS INDICATING LEVEL WHEN SEDIMENT MUST BE REMOVED.
 - POND AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE PERMANENT POOL AREA SHALL BE CLEARED, BUT NOT GRUBBED. UNLESS EXCAVATION TO CREATE A POOL IS REQUIRED.

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SEE LANDSCAPING
DRAWINGS FOR PLANTING
REQUIREMENTS

CONG. VAN
W/STEEL
E RIM

- MH-320
 RIM.336.17
 NO PIPES
 VISIBLE/COVERED BY
 FILTER FABRIC
 SUMP.322.72±

SEWER
MH-321
RIM.336.13
NO PIPES VISIBLE
HEAVY WATER FLOW
SUMP.306.7±

SCALE: 1" = 10'

1"=10' 0 10 20 FT.

DATE ISSUED: 07/2023

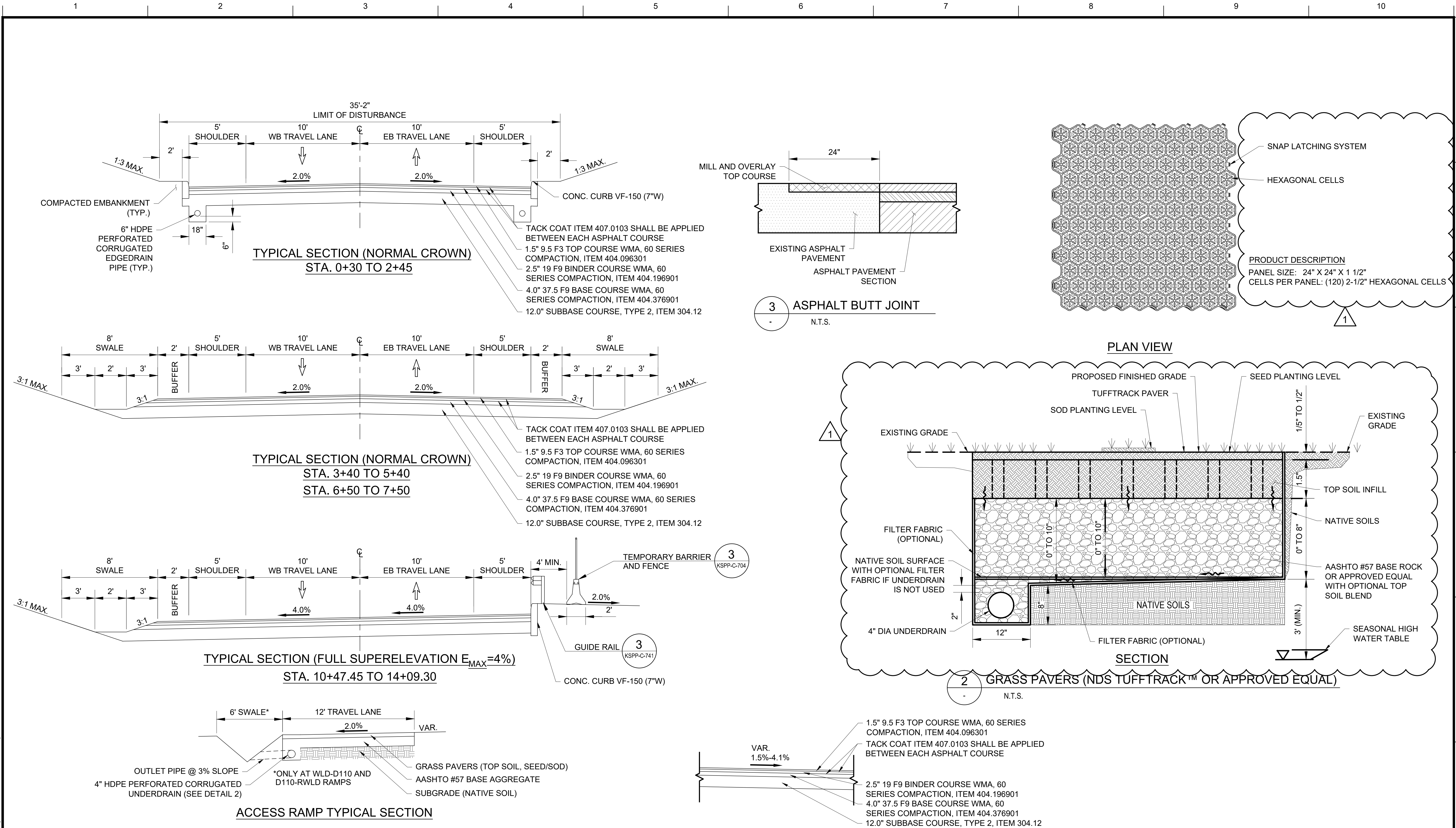
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DATE: APRIL 2023
SCALE: AS NOTED
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Last Saved By: Ekaterina.Fridman Date Saved: 7/27/2023 3:53 PM Date & Time Plotted: 7/27/2023 3:53 PM
Paper Size: Printed/Plotted (34.00 x 22.00 inches) Plot Style Table: BEDC_Acad(N).ctb
Drawing File Name & Drive Location: (command "zoom" "E") Plot Scale: 1:1



1 RELOCATED WESTLAKE DRIVE TYPICAL SECTIONS AND PAVEMENT DETAILS
- N.T.S.

4 PARKING LOT TYPICAL SECTION
- N.T.S.

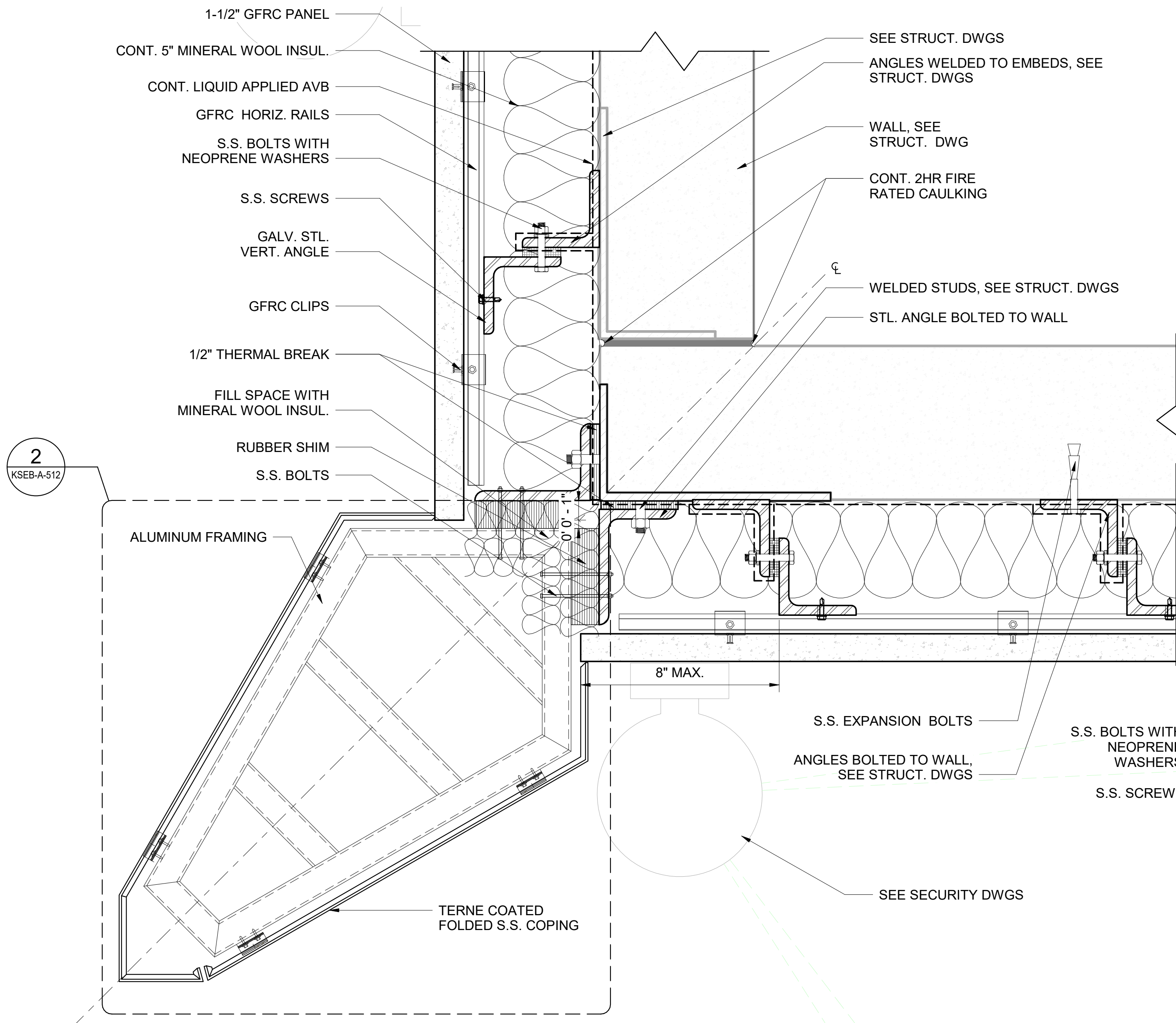
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				DESIGNED BY: ABA	DRAWN BY: EF	  	ACCOUNTABLE MANAGER JUSTIN RIVELLINO	<p>NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep</p>	<p>CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION</p> <p>CIVIL ROADWAY DETAILS SHEET 1</p>	DATE: JULY 2023
				CHECKED BY: AD			PORTFOLIO MANAGER LAUREN D'ATTILE, PE			SCALE: AS NOTED
				DESIGN LEAD: VINCENT LEE, PE			DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE			SHEET NO:
1	7/23	ADDENDUM #2	VL	SECTION MANAGER:						DRAWING NO. KSPP-C-740.02
NO.	DATE	REVISIONS/DESCRIPTION	APPRD.							

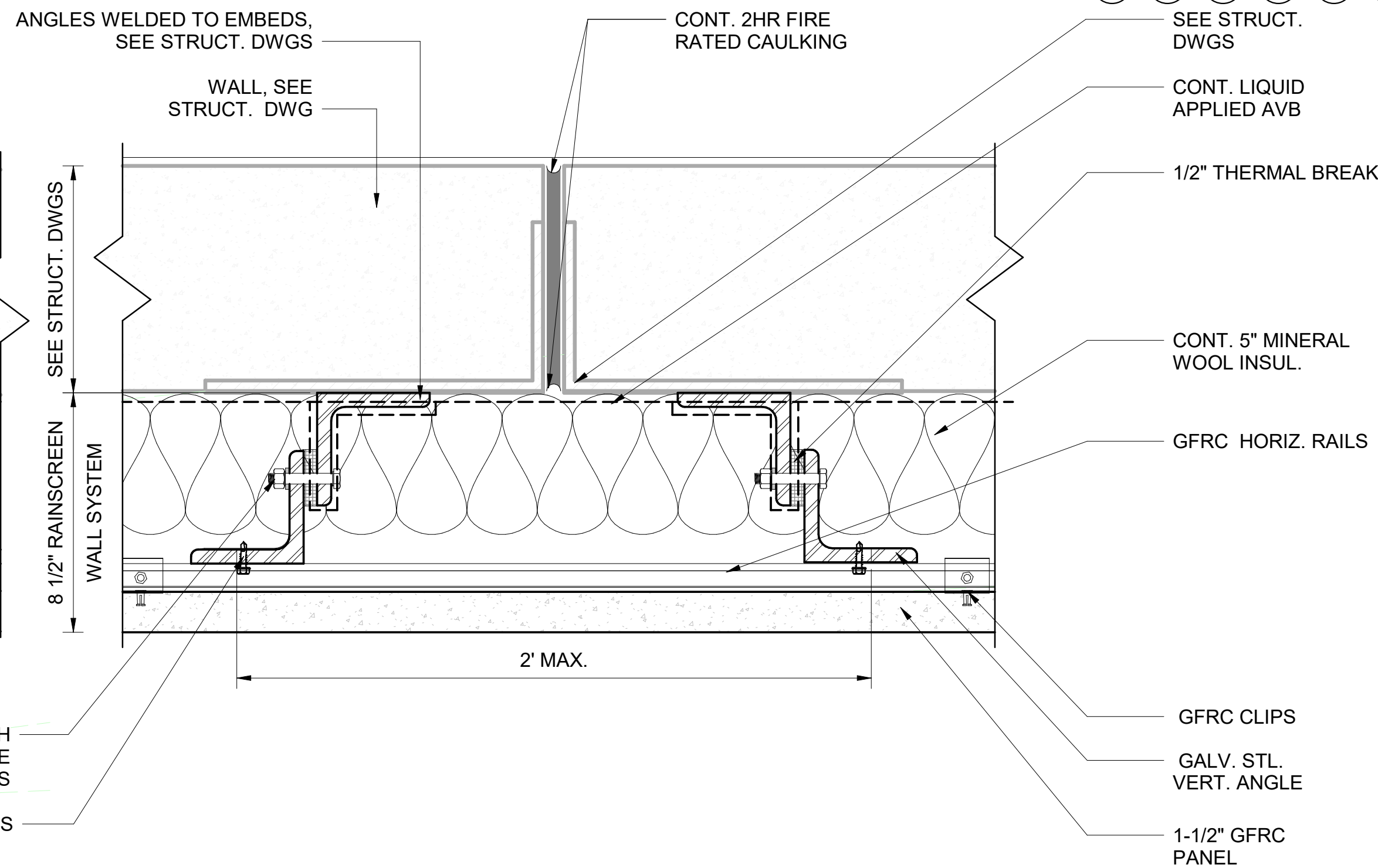
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BIM 360://Kensico-Eastview Connector (KEC)/KSEB-A_MODEL_IHD.rvt

7/28/2023 8:45:30 AM



1
KSEB-A-101
DETAIL @ TYP. BUILDING CORNER (PLAN)
SCALE: 3" = 1'-0"



2
KSEB-A-101
DETAIL @ TYP. WALL SETION (PLAN)
SCALE: 3" = 1'-0"

NOTES:

- FOR ALL GFRc SUPPORT STEEL, THE CONTRACTOR SHALL REFER TO STRUCT. DWGS.
- FOR ALL EMBEDDED STEEL, THE CONTRACTOR SHALL REFER TO STRUCT. DWGS.
- THE CONTRACTOR SHALL USE ISOLATORS IF DISSIMILAR METALS ARE USED.
- THE CONTRACTOR SHALL CONTINUOUSLY APPLY AVB AROUND THE ANGLE BEING WELDED/BOLTED TO THE STRUCTURE.
- THE CONTRACTOR SHALL APPLY A SEALANT AROUND ALL AVB PENETRATIONS, INCLUDING AROUND ALL BOLT/SCREWS AND THERMAL BREAKS TO SEAL COMPLETELY FROM THE ELEMENTS.



ADDENDUM NO. 2

DATE ISSUED: 07/2023

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CHECKED BY: ROBERT CUEVAS, R.A.	
DESIGN LEAD: HOWARD FREIDMAN	
SECTION MANAGER: ROBERT CUEVAS, R.A.	
NO.	DATE
1	07/23
ADDENDUM NO.2	
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APPR'D.	
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ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
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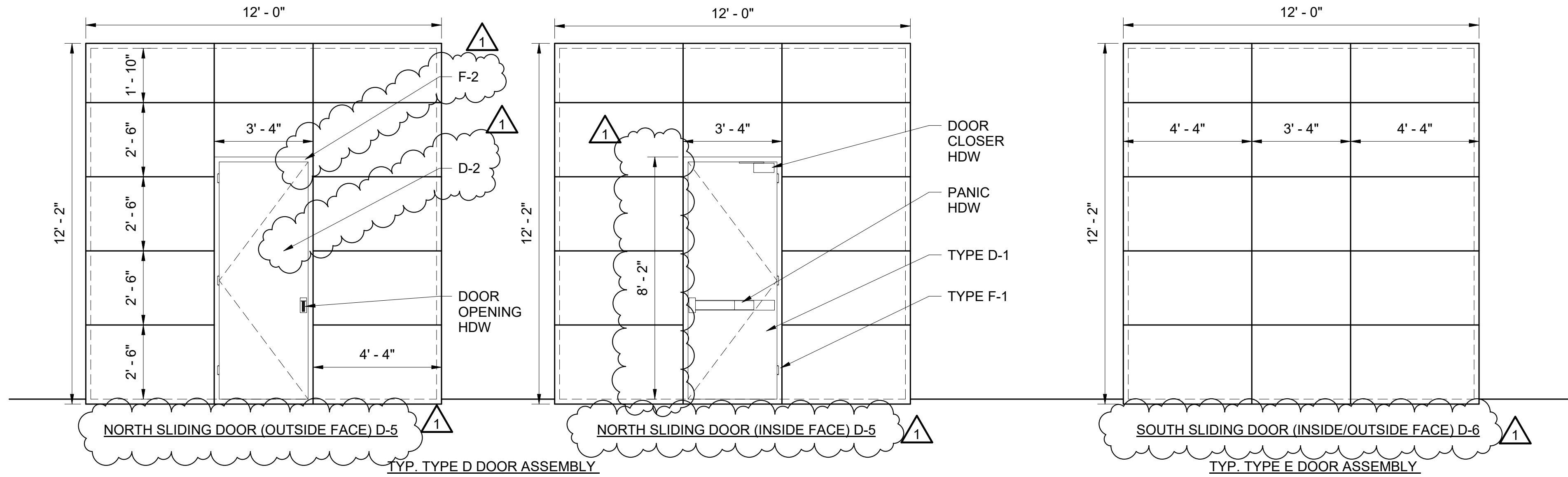
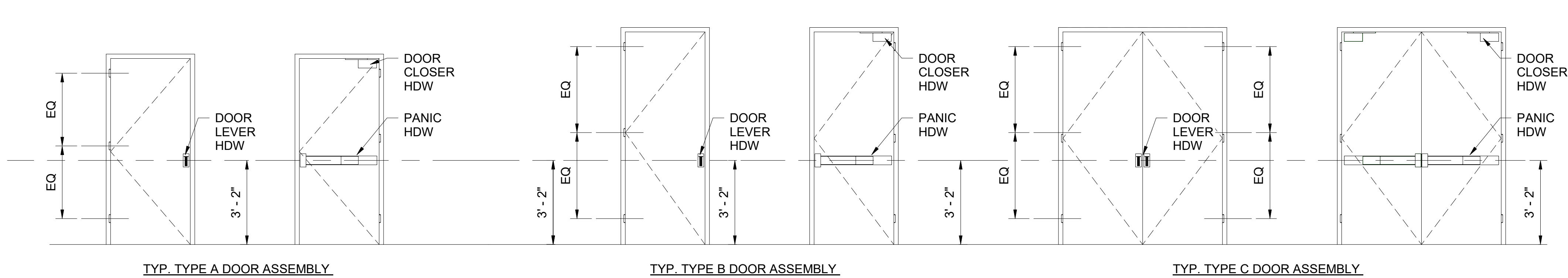
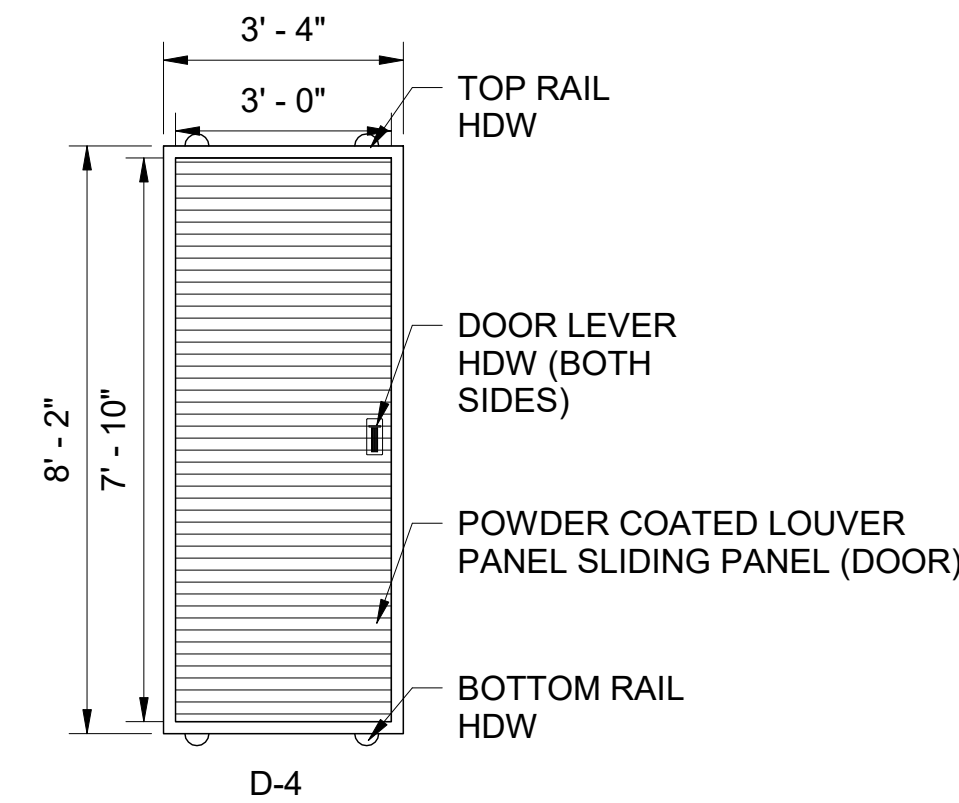
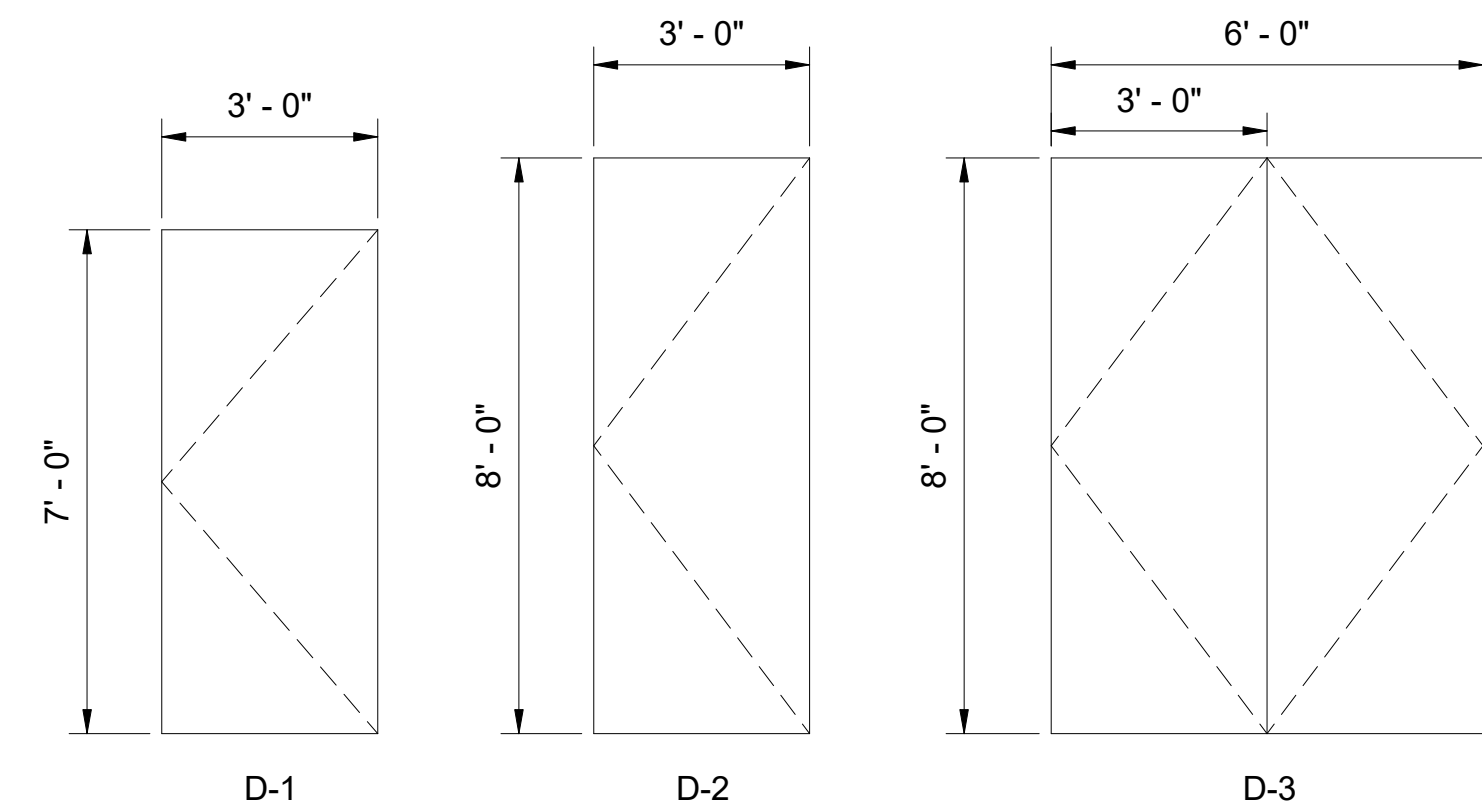
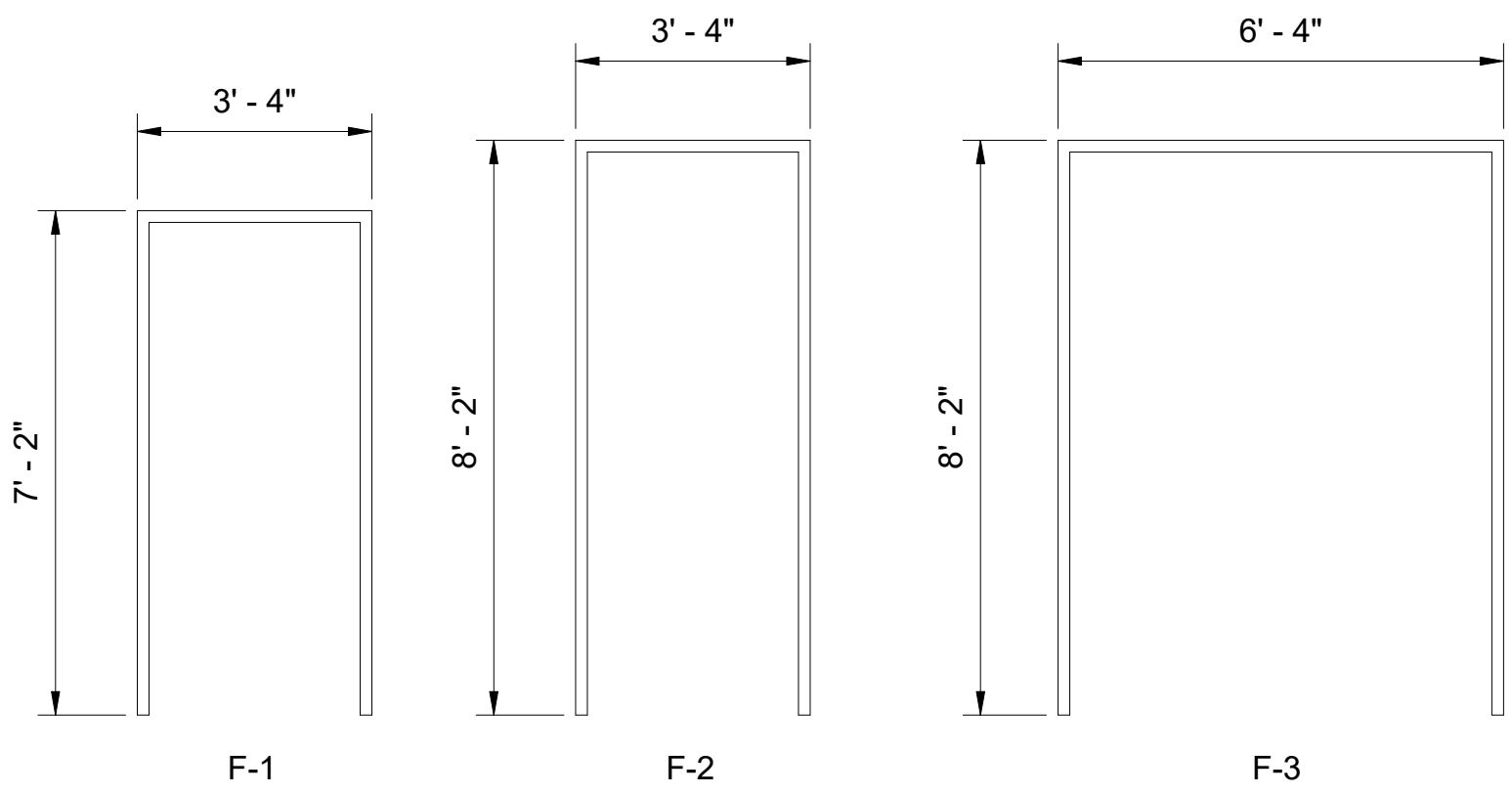
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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

ARCHITECTURAL
ELECTRICAL BUILDING
TYP. WALL (PLAN) DETAILS

DATE: AUGUST 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSEB-A-500.01

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1 TYP. DOOR ASSEMBLY DETAIL
SCALE: 3/8" = 1'-0"

ELECTRICAL BUILDING DOOR SCHEDULE												
DOOR NUMBER	QUANTITY	DOOR TYPE	DOOR HEIGHT	DOOR WIDTH	DOOR THICKNESS	FRAME TYPE	DOOR/FRAME MATERIAL	DOOR/FRAME FINISH	ASSEMBLY TYPE	FIRE RATING (MIN)	HARDWARE NUMBER	COMMENTS
CR-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
EB-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
EW-01	1	D-1	7'- 0"	3'- 0"	0'- 2"	F-1	STAINLESS STEEL	#4 SATIN	A	1.5 HOURS	1	SEE NOTES
EW-02	1	D-1	7'- 0"	3'- 0"	0'- 2"	F-1	STAINLESS STEEL	#4 SATIN	A	1.5 HOURS	1	SEE NOTES
FS-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
MV-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
MV-02	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
MV-03	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
MV-04	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
MV-05	1	D-3	8'- 0"	6'- 0"	0'- 2"	F-3	STAINLESS STEEL	#4 SATIN	C	1.5 HOURS	2	SEE NOTES
MV-06	1	D-6	12'- 0"	12'- 2"	0'- 9"	-	STAINLESS STEEL	#4 SATIN	E	1.5 HOURS	4	SEE NOTES
SR-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
US-01	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
US-02	1	D-2	8'- 0"	3'- 0"	0'- 2"	F-2	STAINLESS STEEL	#4 SATIN	B	1.5 HOURS	1	SEE NOTES
US-03	1	D-5	12'- 0"	12'- 2"	0'- 9"	-	STAINLESS STEEL	#4 SATIN	D	1.5 HOURS PERSONEL DOOR ONLY	4	SEE NOTES
US-04	1	D-3	8'- 0"	6'- 0"	0'- 2"	F-3	STAINLESS STEEL	#4 SATIN	C	1.5 HOURS	2	SEE NOTES
ST-01	1	D-4	8'-0"	3'-0"	-	-	POWDER COATED STEEL	GRAY	-	-	3	SEE NOTES

NOTES:

- FOR ALL TYP. DOOR HDW, THE CONTRACTOR SHALL REFER TO, SECTION 08 71 01 – FINISH DOOR HARDWARE.
- FOR ALL SECURITY DEVICES FOR DOORS, THE CONTRACTOR SHALL REFER TO, SECTION 28 10 00 - ACCESS CONTROL AND ALARM MONITORING.
- FOR LOUVER PANEL SLIDING DOORS, THE CONTRACTOR SHALL REFER TO, SECTION 05 50 19 - WELDED STEEL GRILLWORK, SECTION 08 71 01 – FINISH DOOR HARDWARE, AND SECTION 28 10 00 - ACCESS CONTROL AND ALARM MONITORING.
- FOR INDUSTRIAL SLIDING DOORS AND THEIR HARDWARE THE CONTRACTOR SHALL REFER TO, SECTION SECTION 08 34 10 - SLIDING INDUSTRIAL DOORS, AND SECTION 28 10 00 - ACCESS CONTROL AND ALARM MONITORING.

3/8"=1'-0" 0 1 2 3 5 FT.

**ADDENDUM NO. 2**
DATE ISSUED: 07/2023

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CHECKED BY:
ROBERT CUEVAS, R.A.

DESIGN LEAD:
HOWARD FREIDMAN

SECTION MANAGER:
ROBERT CUEVAS, R.A.

DRAWN BY:
HOWARD FREIDMAN



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO

PORTFOLIO MANAGER
LAUREN D'ATILE, PE

DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

ARCHITECTURAL
ELECTRICAL BUILDING
DOOR SCHEDULE & DETAILS

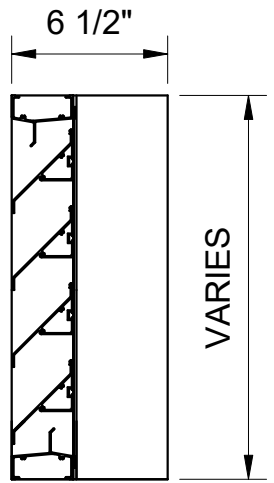
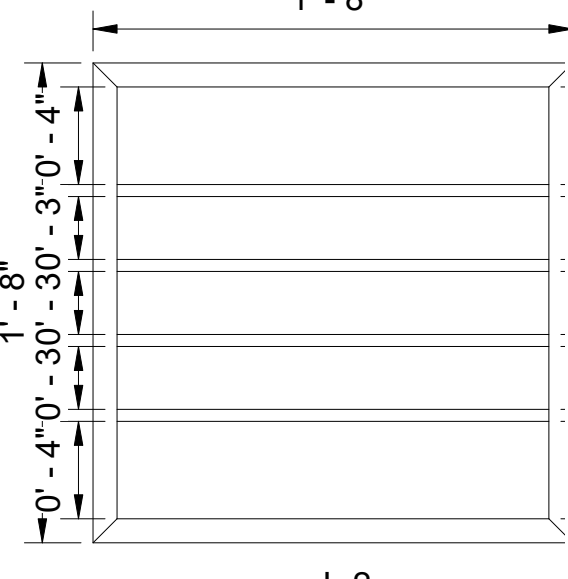
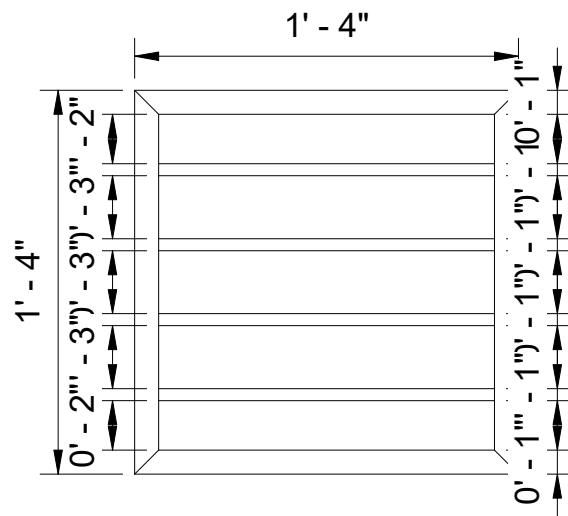
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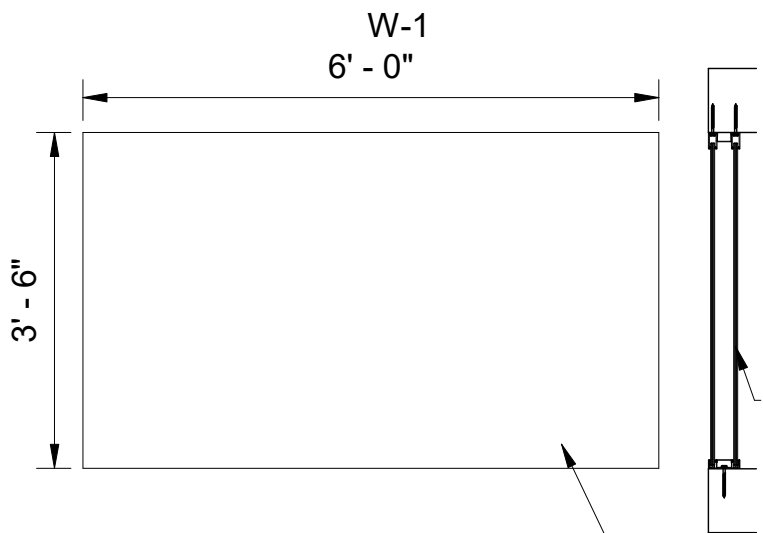
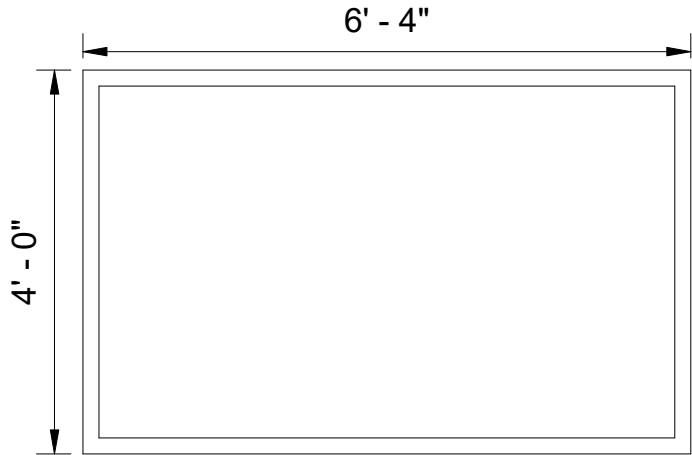
WINDOW AND LOUVER SCHEDULE							
ITEM NUMBER	QUANTITY	Height	Width	FRAME MATERIAL	MATERIAL FINISH	GLAZING TREATMENT	COMMENTS
L-1	1	1' - 4"	1' - 4"	STAINLESS STEEL	#4 SATIN	-	CONTRACTOR SHALL INSTALL ALL LOUVERS AS PER CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED BY THE MANUFACTURE
L-2	1	1' - 8"	1' - 8"	STAINLESS STEEL	#4 SATIN	-	CONTRACTOR SHALL INSTALL ALL LOUVERS AS PER CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED BY THE MANUFACTURE
W-1	16	4' - 0"	6' - 4"	STAINLESS STEEL	#4 SATIN	UV PROTECTION, BIRD PROTECTION	CONTRACTOR SHALL INSTALL ALL WINDOWS AS PER CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED BY THE MANUFACTURE



ROOM FINISH SCHEDULE				
NAME	CEILING FINISH	FLOOR FINISH	WALL FINISH	COMMENTS
FIRE SUPPRESSION ROOM	PRIMED AND PAINTED WITH WHITE PAINT	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling, and 03 35 16 - Heavy-Duty Concrete Floor Finishing
COMMUNICATION ROOM	PRIMED AND PAINTED WITH WHITE PAINT AND DROP CEILING	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling, 09 51 01- Suspended Acousatical Ceiling, and 03 35 16 - Heavy-Duty Concrete Floor Finishing
BATTERY ROOM	-	-	-	-
UNIT SUBSTATION ROOM	PRIMED AND PAINTED WITH WHITE PAINT	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling, 03 35 16 - Heavy-Duty Concrete Floor Finishing
MEDIUM VOLTAGE SWITCHGEAR ROOM	PRIMED AND PAINTED WITH WHITE PAINT	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling ,and 03 35 16 - Heavy-Duty Concrete Floor Finishing
SECURITY ROOM	PRIMED AND PAINTED WITH WHITE PAINT AND DROP CEILING	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling, 09 51 01- Suspended Acousatical Ceiling, and 03 35 16 - Heavy-Duty Concrete Floor Finishing
EYEWASH ENCLOSURE	PRIMED AND PAINTED WITH WHITE PAINT	NON-SLIP AND ABRASION RESISTANT FLOOR FINISH, IN GREY	CONCRETE WALLS PRIMED AND PAINTED WITH WHITE PAINT, TILE OVER CMU BLOCKS WITH A 5"X10" LIGHT BLUE GLAZED CERAMIC TILE	SEE SPECIFICATIONS: 09 91 00 - Painting, 09 30 13 - Ceramic Tiling ,and 03 35 16 - Heavy-Duty Concrete Floor Finishing
-				
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LOUVER SCHEDULE DETAILS
SCALE: N.T.S.



DOUBLE PANE GLAZING

UV AND BIRD PROTECTIVE GLAZING

TYPE A WINDOW ASSEMBLY

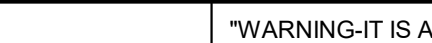

WINDOW SCHEDULE DETAILS
SCALE: N.T.S.



ADDENDUM NO. 2
DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

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

				DESIGNED BY: R.C. & H.F.	DRAWN BY: HOWARD FRIEDMAN			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION ARCHITECTURAL ELECTRICAL BUILDING WINDOW, LOUVER, & FINSIH SCHEDULES	DATE: AUGUST 2023
				CHECKED BY: ROBERT CUEVAS, R.A.				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: HOWARD FREIDMAN				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
1	07/23	ADDENDUM NO.2	RC	SECTION MANAGER: ROBERT CUEVAS, R.A.								DRAWING NO. KSEB-A-601.01
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

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GENERAL NOTES:

SEE SHEETS KEC2-GS-001 TO 003 FOR THE FOLLOWING INFORMATION:

- 1. CODES AND STANDARDS SUMMARY
- 2. GENERAL NOTES
- 3. STRUCTURAL NOTES
- 4. CONTRACTOR'S SHOP DRAWING NOTES
- 5. GENERAL NOTES FOR CONCRETE
- 6. NOTES FOR STRUCTURAL NON-SHRINK GROUT
- 7. NOTES FOR ANCHORING TO HARDENED CONCRETE
- 8. GENERAL NOTES FOR STUD CONNECTORS
- 9. GENERAL NOTES FOR NON-STRUCTURAL COMPONENT ANCHORAGE
- 10. ABBREVIATIONS AND SYMBOLS

STRUCTURE SPECIFIC ADDITIONAL CODES AND STANDARDS SUMMARY:

- 1. BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES, TMS 402/602-16, THE MASONRY SOCIETY.
- 2. PCI DESIGN HANDBOOK, 8TH EDITION, PCI MNL-120-17, PRECAST/PRESTRESSED CONCRETE INSTITUTE.
- 3. PCI ERECTOR'S MANUAL - STANDARDS AND GUIDELINES FOR THE ERECTION OF PRECAST CONCRETE PRODUCTS, PCI MNL-127-99, PRECAST/PRESTRESSED CONCRETE INSTITUTE.
- 4. PCI DESIGN AND TYPICAL DETAILS OF CONNECTIONS FOR PRECAST AND PRESTRESSED CONCRETE, PCI MNL-123-88, PRECAST/PRESTRESSED CONCRETE INSTITUTE.
- 5. GUIDE FOR PRECAST CONCRETE WALL PANELS, AMERICAN CONCRETE INSTITUTE, ACI 533R-11.
- 6. DESIGN GUIDE FOR CONNECTIONS IN PRECAST JOINTED SYSTEMS, AMERICAN CONCRETE INSTITUTE, ACI 550.2-R13.
- 7. DESIGN RECOMMENDATIONS FOR PRECAST CONCRETE STRUCTURES, AMERICAN CONCRETE INSTITUTE, ACI 550R-96
- 8. ROOF DECK DESIGN MANUAL - NO. RDDM2. STEEL DECK INSTITUTE, SDI.
- 9. STANDARD PRACTICE DETAILS - NO. SPD2. STEEL DECK INSTITUTE, SDI.
- 10. DIAPHRAGM DESIGN MANUAL - NO. DDM04. STEEL DECK INSTITUTE, SDI.
- 11. DESIGN AND CONSTRUCTION OF FROST-PROTECTED SHALLOW FOUNDATIONS, ASCE 32-01

STRUCTURE SPECIFIC FOUNDATION NOTES:

- 1. STRIP FOUNDATION, FOOTINGS, AND MAT FOUNDATIONS SHALL BEAR ON SUITABLE SOIL APPROVED BY THE GEO-TECHNICAL ENGINEER, AS NOTED BELOW, WHERE SUITABLE SOIL IS NOT FOUND AT THE SPECIFIED ELEVATION, THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED, AND THE GEO-TECHNICAL ENGINEER IS TO PROVIDE RECOMMENDATIONS FOR IMPROVING AREAS THAT DO NOT MEET THE MINIMUM ALLOWABLE BEARING CAPACITY. REFER TO THE PROJECT GEO-TECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION, REQUIREMENTS, AND RECOMMENDATIONS.
- 2. STRIP FOUNDATION FOR THE ELECTRICAL BUILDING SHOWN ON THESE DRAWINGS SHALL BEAR ON SOIL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 3 TSF. PER PROJECT GEO-TECHNICAL ENGINEERING REPORT, THE CONTRACTOR SHALL EXCAVATE A MINIMUM DEPTH OF 4 FT BELOW BOTTOM OF PROPOSED STRIP FOUNDATION TO REMOVE UNSUITABLE SOFT SILTY LAYERS AND REPLACE WITH COMPACTED SELECT FILL.
- 3. MAT FOUNDATIONS FOR THE SPIRAL STAIRS AND EYEWASH ENCLOSURE SHOWN ON THESE DRAWINGS SHALL BEAR ON SOIL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 0.75 TSF. SOIL BELOW THE PROPOSED ELEVATION SHALL BE EXCAVATED AND REPLACED WITH NON-FROST SUSCEPTIBLE STRUCTURAL FILL.
- 4. BACKFILL SHALL NOT BE PLACED AGAINST FOUNDATION OR RETAINING WALLS UNLESS SUPPORTING SLABS AND STRUCTURE IS IN PLACE AND SET OR THE WALLS ARE ADEQUATELY BRACED. LEVELS OF BACKFILL AGAINST CONCRETE WALLS SHALL NOT DIFFER BY MORE THAN 2'-0" ON EITHER SIDE OF WALLS. SEE SECTION 03 30 00 - CAST-IN-PLACE CONCRETE FOR ADDITIONAL INFORMATION.
- 5. DEWATERING OF THE SITE DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR NOT TO UNDERMINE EXISTING FOUNDATIONS. METHOD OF DEWATERING AND CALCULATIONS FOR THE APPROPRIATE SYSTEM ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 6. PROVIDE DOWELS IN FOUNDATIONS FOR ALL CAST-IN-PLACE WALLS, COLUMNS, AND PIERS OF THE SAME NUMBER, SIZE, AND SPACING AS THE VERTICAL REINFORCEMENT ABOVE, U.O.N.
- 7. PROVIDE WATERSTOPS IN ALL VERTICAL CONSTRUCTION JOINTS IN BELOW GRADE WALLS AND IN MEMBERS IN CONTACT WITH LIQUID.
- 8. ALL SOIL AND ROCK BEARING SURFACES SHALL BE INSPECTED AND APPROVED BY A GEOTECHNICAL ENGINEER IMMEDIATELY PRIOR TO THE POURING OF CONCRETE. DO NOT POUR CONCRETE ON FROZEN GROUND.
- 9. THE FOLLOWING SLABS ON GRADE SHALL BE PLACED ON SELECT GRANULAR FILL COMPACTED TO 95 PERCENT MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557):
 - A. INTERIOR S.O.G. FOR THE ELECTRICAL BUILDING
- 10. THE FOLLOWING SLABS ON GRADE SHALL BE PLACED ON RIGID INSULATION OVER NON-FROST SUSCEPTIBLE STRUCTURAL FILL:
 - A. EXTERIOR PADS FOR DOMESTIC WATER ENCLOSURE
 - B. EXTERIOR PADS FOR THE ELECTRICAL GENERATOR ENCLOSURE
 - C. SPIRAL STAIR MAT FOUNDATION
 - D. EYE WASH ENCLOSURE MAT FOUNDATION
 - E. KENSICO SITE ELECTRICAL HOUSE PADSEE SECTION 31 23 23 - FILL FOR ADDITIONAL INFORMATION.
- 11. THE FOLLOWING SLABS ON GRADE SHALL BE PLACED ON NON-FROST SUSCEPTIBLE STRUCTURAL FILL WITHOUT RIGID INSULATION:
 - A. EXTERIOR PADS FOR TERMINAL BOX/LOAD BANK
 - B. EXTERIOR PADS FOR ELECTRICAL EQUIPMENT ENCLOSURE
 - C. EXTERIOR PADS FOR THE EXTERNAL STAIRS TO THE ELECTRICAL GENERATOR ENCLOSURE, SEE DETAILS FOR ADDITIONAL INFORMATION.SEE SECTION 31 23 23 - FILL FOR ADDITIONAL INFORMATION.
- 12. UNLESS OTHERWISE NOTED, CONTROL JOINTS ARE REQUIRED FOR EXTERIOR SLABS ON GRADE FOR EVERY 400 SQUARE FT. IN AREA. REFER TO TYPICAL DETAILS.
- 13. STRIP FOUNDATION, FOOTING, AND MAT FOUNDATION BEARING ELEVATIONS SHOWN ON THE DRAWINGS HAVE BEEN ESTIMATED USING THE GEOTECHNICAL REPORT. ACTUAL BEARING ELEVATIONS WILL BE DETERMINED BY FIELD CONDITIONS. REFER TO THE PROJECT GEO-TECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION AND RECOMMENDATIONS.
- 14. FLOWABLE FILL FOR ELECTRICAL CONDUIT ENCASEMENTS SHALL BE LIGHT WEIGHT (MAX. 115 PCF), WITH MIN. f_c=100 PSI. SEE SECTION 31 23 23 - FILL FOR ADDITIONAL INFORMATION.

STRUCTURE SPECIFIC RAILING NOTES:

- 1. ALL RAILING POSTS, RAILS, AND THEIR CONNECTIONS FOR STAIRS, ELEVATED PLATFORMS, AND THE ROOF SHALL BE STAINLESS STEEL, U.O.N. SEE GENERAL NOTES FOR STRUCTURAL STEEL FOR STAINLESS STEEL GRADES.
- 2. ALL PIPES FOR RAILS AND POSTS AS INDICATED ON THE DRAWINGS SHALL BE SCHEDULE 80 (X-STRONG), U.O.N. SEE DRAWINGS FOR CONFIGURATION AND DIAMETERS.
- 3. ALL RAILING POSTS FOR STAIRS, ELEVATED PLATFORMS, AND THE ROOF SHALL BE CONTINUOUS FROM BOTTOM SUPPORT BRACKET OR SOCKET TO THE TOP RAILING. SPLICING OF RAILING POSTS AT MID-RAILS SHALL NOT BE PERMITTED. CONTRACTOR SHALL DESIGN BRACKET OR SOCKET FOR A BASE REACTION (LRFD) IN BOTH ORTHOGONAL DIRECTIONS OF V=1.0 K, M=1.0 K-FT, AND A C OR T =1.0 K, U.O.N.
- 4. ALL GALVANIZED RAILING POST SOCKETS SHALL BE SIZED SUCH THAT THE INNER DIAMETER OF THE SOCKET SHALL BE 1/8" LARGER THAN THE OUTER DIAMETER OF THE CONNECTING STAINLESS STEEL RAILING POSTS TO ENSURE ADEQUATE GAP FOR THE BITUMINOUS PAINT BETWEEN DISSIMILAR METALS, AND BEARING CONTACT FOR THE TRANSFER OF CONNECTION FORCES.
- 5. BITUMINOUS PAINT AS REQUIRED BETWEEN DISSIMILAR METALS SHALL BE COLD-APPLIED ASPHALT EMULSION COMPLYING WITH ASTM D1187. THE CONTRACTOR SHALL ENSURE THAT BITUMINOUS PAINT IS NOT DAMAGED DURING INSTALLATION OF RAILING POSTS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DESIGN, FURNISHING, AND INSTALLATION OF ALL HARDWARE (I.E. FITTINGS, SPLICES, BRACKETS, SOCKETS, ETC.) AS REQUIRED FOR CONNECTING ALL RAILING POSTS AND RAILS TOGETHER, AND THE RAILING OR POSTS TO THE BASE STRUCTURE. THE DESIGN SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED IN THE DESIGN OF ALL CONNECTIONS BETWEEN RAILING POSTS, RAILS, SOCKETS, AND BRACKETS. THE CONTRACTOR SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK FOR ALL RAILING CONNECTIONS AS WELL AS RAILING POST CONNECTIONS TO THE BASE STRUCTURE, U.O.N.
- 7. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL COATINGS AND FINISHINGS FOR ALL RAILS AND THEIR SUPPORTING POSTS.
- 8. HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS, U.O.N.
- 9. ALL WELDS SHALL BE GROUND SMOOTH. ALL STEEL EDGES SHALL BE GROUND SMOOTH.
- 10. STAIR HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF STAIR HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20% OF THEIR LENGTH.
- 11. TERMINATE RAIL ENDS WITH RADIUSSED RETURNS, NEWEL POSTS, OR SAFETY TERMINALS PER BUILDING CODE REQUIREMENTS, U.O.N.
- 12. ALL MECHANICAL FASTENERS SHALL BE CONCEALED.
- 13. CONTRACTOR SHALL VERIFY FINAL DIMENSIONS OF ALL RAILINGS, POSTS, AND THEIR CONNECTIONS PRIOR TO FABRICATION.
- 14. REMOVABLE RAILINGS SHALL BE DETAILED IN SHORT LENGTHS THAT WEIGH NO MORE THAN 50 LBS.
- 15. CONTRACTOR SHALL PROVIDE MOVEMENT JOINTS AT RAIL CONNECTIONS TO THE BASE STRUCTURE AS INDICATED ON THE DETAILS THAT ALLOW FOR EXPANSION AND CONTRACTION AS A RESULT OF THERMAL MOVEMENTS BY PREVENTING BUCKLING, OPENING OF JOINTS, OVERSTRESSING OF COMPONENTS, FAILURE OF CONNECTIONS, AND OTHER DETRIMENTAL EFFECTS.
- 16. CONTRACTOR SHALL PROVIDE FOR EXPANSION AND CONTRACTION IN RAILS AS A RESULT OF THERMAL MOVEMENTS. CONTRACTOR SHALL PROVIDE MECHANICAL SLIP-JOINT INTERNAL SPLICE CONNECTORS IN THE RAILS. SLIP-JOINTS SHALL BE A MINIMUM OF 6" AWAY FROM RAILING POSTS. SLIP-JOINTS SHALL BE MINIMUM OF 10'-0" O.C. SPLICING INSIDE A SINGLE SET SCREW TEE CONFIGURATION IS STRICTLY PROHIBITED, U.O.N. CONTRACTOR TO SUBMIT LOCATIONS AND DETAILS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 17. CONTRACTOR TO PROVIDE DRAINAGE HOLES WITHIN RAIL ASSEMBLIES TO PREVENT ANY ACCUMULATION OF WATER. SUBMIT LOCATIONS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 18. THE DESIGN OF ALL RAILING POSTS, RAILS, AND THEIR CONNECTIONS FOR STAIRS, ELEVATED PLATFORMS, AND THE ROOF, AND TOE BOARDS ARE BASED ON OSHA 29 CFR 1910.29.

STRUCTURE SPECIFIC NOTES FOR STRUCTURAL ROOF METAL DECK:

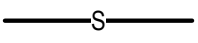
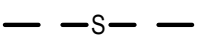

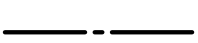


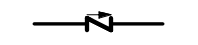




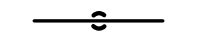


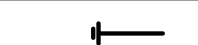

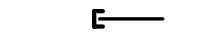

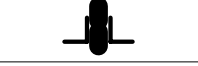


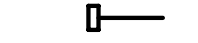





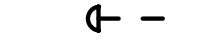


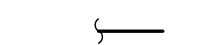
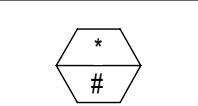
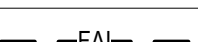
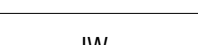
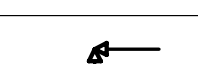


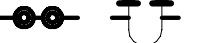
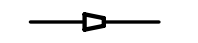
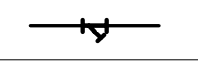
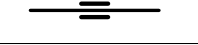
- 1. ALL STRUCTURAL ROOF METAL DECK SHALL BE INSTALLED IN ACCORDANCE WITH THE STEEL DECK INSTITUTE SPECIFICATIONS, THE MANUFACTURER'S RECOMMENDED PRACTICES, AND SECTION 05 31 23 - STEEL ROOF DECKING.
- 2. ALL STRUCTURAL ROOF METAL DECK TO BE DESIGNED FOR UNSHORED CONSTRUCTION.
- 3. MINIMUM STRUCTURAL ROOF METAL DECKING SHALL BE OF THE TYPE AND THICKNESS AS INDICATED ON THE DRAWINGS. DECK THICKNESS AND LOAD CAPACITY SHALL SATISFY THE MINIMUMS ESTABLISHED BY THE STEEL DECK INSTITUTE LOAD TABLES. ROOF METAL DECK SHALL BE ORIENTED AS INDICATED ON THE DRAWINGS.
- 4. STRUCTURAL ROOF METAL DECKING SHALL BE ASTM A653 (F_y=33 KSI, GALVANIZED G90 MIN.), U.O.N.
- 5. STRUCTURAL ROOF METAL DECKING BEHIND THE PARAPET WALL AS SHOWN ON THE DRAWINGS SHALL CONSIST OF THE FOLLOWING:
 - A. PLACED IN THE VERTICAL POSITION.
 - B. PROVIDE MINIMUM 36 INCH COVERAGE WIDTHS.
 - C. PAINT & PRIME EXPOSED PORTIONS.
 - D. WELDED THROUGH THE BOTTOM OF THE RIBS TO ALL SUPPORTING MEMBERS WITH 5/8" DIA. PUDDLE WELDS AT 6" O.C. OR APPROVED POWDER-ACTUATED DECK FASTENERS. USE ONLY FACTORY MUTUAL APPROVED FASTENERS.
 - E. ALL DECK SIDE LAPS SHALL BE MECHANICALLY FASTENED WITH A SPACING NO GREATER THAN 3'-0" O.C.
 - F. ROOF METAL DECK IS DESIGNED AS VERTICAL SIDING, SUPPORTING SELFWEIGHT AND COMPONENTS & CLADDING WIND LOADS AS INDICATED ON THE LOADING CRITERIA.
 - G. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL WATERPROOFING AND INSULATION REQUIREMENTS.
 - H. FIREPROOFING OF THIS VERTICAL ROOF DECK NOT REQUIRED.
- 6. STRUCTURAL ROOF METAL DECKING FOR THE EYE WASH ENCLOSURE AS SHOWN ON THE DRAWINGS SHALL CONSIST OF THE FOLLOWING:
 - A. PROVIDE MINIMUM 24 INCH COVERAGE WIDTHS.
 - B. PAINT & PRIME TOP PORTIONS.
 - C. WELDED THROUGH THE BOTTOM OF THE RIBS TO ALL SUPPORTING MEMBERS WITH APPROVED POWDER-ACTUATED DECK FASTENERS AT 8" O.C. USE ONLY FACTORY MUTUAL APPROVED FASTENERS.
 - D. ALL DECK SIDE LAPS SHALL BE FASTENED WITH #10 TEK SCREWS WITH A SPACING NO GREATER THAN 2'-0" O.C.
 - E. ROOF METAL DECK IS DESIGNED AS A FLEXIBLE DIAPHRAGM, SUPPORTING GRAVITY AND MWFRS WIND LOADS, AS INDICATED ON THE LOADING CRITERIAS.
 - F. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL WATERPROOFING, INSULATION, VAPOR BARRIER, AND FIREPROOFING REQUIREMENTS.
- 7. DECK SUPPLIER SHALL FURNISH ANY AND ALL CLOSURES, CANT STRIPS, RUBBER CLOSURES, ETC. AS REQUIRED FOR COMPLETE INSTALLATION OF DECK.
- 8. PROVIDE 2" MINIMUM LAPS FOR ALL DECKING, U.O.N. PROVIDE 1.5" MINIMUM END BEARING LENGTH FOR ALL DECKING, U.O.N. PROVIDE 3" MINIMUM INTERIOR BEARING LENGTH FOR ALL DECKING, U.O.N.
- 9. WELDING OF SIDE LAPS SHALL NOT BE PERMITTED ON 20-GA. OR THINNER METAL DECKS.
- 10. NO PIPES, FANS, DUCTS, LIGHTS, CONDUITS, OR OTHER HEAVY LOADS CAN BE HUNG FROM THE STRUCTURAL ROOF METAL DECK.
- 11. UNFRAMED OPENINGS, LARGER THAN 6" PERPENDICULAR TO SPAN OF STRUCTURAL ROOF METAL DECK SHALL BE REINFORCED PER MANUFACTURER'S RECOMMENDATIONS. SUBMIT REINFORCING DETAILS FOR REVIEW.
- 12. THE USE OF EXPANSION ANCHORS IN THE STRUCTURAL ROOF METAL DECK IS PROHIBITED.
- 13. ALL PUDDLE WELD BLOWOUTS SHALL BE PATCHED BY THE CONTRACTOR.

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SYMBOLS	
SYMBOL	DESCRIPTION
	SANITARY PIPING BELOW GRADE
	SANITARY PIPING ABOVE GRADE
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	SHUT-OFF VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE
	VALVE IN VERTICAL
	PIPE DROP, RISE OR DOWN
	PIPE CONNECTION, TOP
	PIPE CONNECTION, BOTTOM
	PIPE UP
	"P" TRAP
	CLEANOUT
	CLEANOUT DECK PLATE
	CAPPED OUTLET
	DIELECTRIC UNION
	VENT THROUGH ROOF
	FLOOR DRAIN, AREA DRAIN
	HOSE BIBB
	WALL HYDRANT
	VACUUM BREAKER ASSEMBLY
	THERMOMETER
	PRESSURE GAUGE W/VALVE
	BACKFLOW PREVENTER
	FLOOR, AREA DRAIN (RISER)
	FRESH AIR INLET (FAI)
	METER
	DIRECTION OF FLOW
	PIPE BREAK
	EQUIPMENT DESIGNATION
	FRESH AIR INLET
	INDIRECT WASTE PIPING
	ANGLE VALVE
	OS & Y VALVE
	OS & Y VALVE IN VERTICAL
	HOUSE TRAP
	CONCENTRIC REDUCER
	STRAINER Y-TYPE
	WATERTIGHT PIPE SLEEVE, BEAM PENETRATION

DRAIN SCHEDULE								
ITEM		DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL NO.	BODY MATERIAL	TOP COVER	GRATE OR STRAINER MATERIAL	DUTY
TYPE	NO.							
FD	1	FLOOR DRAIN	ZURN	Z505	DUCO CAST IRON	12" ROUND	CAST IRON	MEDIUM

NOTES:
1. PROVIDE W/ TRAP SEAL DEVICE ZURN MODEL # Z1072

ABBREVIATIONS	
SYMBOL	DESCRIPTION
ARCH	ARCHITECTURAL
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
CLG	CEILING
CO	CLEANOUT
CODP	CLEANOUT DECK PLATE
COWP	CLEANOUT WALL PLATE
CONN	CONNECTION
CONT	CONTINUATION
CW	DOMESTIC COLD WATER
DCV	DOUBLE CHECK VALVE
DET	DETAIL
DFU	DRAINAGE FIXTURE UNIT
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DRAIN
DWG	DRAWING
EA	EACH
EL	ELEVATION
EQ	EQUAL
EWB	ELECTRIC WATER HEATER
FAI	FRESH AIR INLET
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
F.F.	FINISH FLOOR
FL	FLOOR
GAL	GALLON
GPM	GALLON PER MINUTE
HB	HOSE BIBB
HW	DOMESTIC HOT WATER
I.E.	INVERT ELEVATION
IW	INDIRECT WASTE
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
RPZ	REDUCED PRESSURE ZONE
S	SANITARY WASTE
SF	SQUARE FEET
ST	STORM DRAINAGE
TP	TRAP PRIMER
TYP	TYPICAL
V	VENT
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD
VLV	VALVE
VTR	VENT THROUGH ROOF
W	WASTE
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEANOUT
W/O	WITHOUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR

GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO 2020 NYS PLUMBING CODE AND APPLICABLE LOCAL CODES AND REGULATIONS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND SPACE CONDITIONS AT ALL TIMES.
- COORDINATE PLUMBING SYSTEMS WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- FOR EXACT LOCATION OF PLUMBING FIXTURES REFER TO ARCHITECTURAL DRAWINGS AND DETAILS.
- PRIOR TO BURYING ANY PIPING, PIPES MUST BE INSPECTED BY THE ENGINEER.
- ANY PIPE THAT PASSES UNDER A FOOTING SHALL BE PROVIDED WITH A RELIEVING ARCH.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO OWNER.
- THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE EXISTING CONDITIONS, BECOME FULLY FAMILIAR WITH PLUMBING INSTALLATION, COMPARE SAME WITH DRAWINGS AND SPECIFICATIONS AND SATISFY HIMSELF OF ALL CONDITIONS PRIOR TO SUBMISSION OF A BID PROPOSAL. SUBMISSION OF A COST PROPOSAL (BID) WILL BE JUDGED AS EVIDENCE THAT SITE EXAMINATION HAS BEEN MADE. CLAIMS FOR EXTRA COSTS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH EXAMINATION BEEN MADE WILL NOT BE RECOGNIZED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO ENTERING MANHOLES, USE OF WATER FROM LOW PRESSURE HYDRANTS, DEMOLITION AND NEW WORK, ETC. PRIOR TO COMMENCE OF WORK.

PLUMBING FIXTURE SCHEDULE								
ITEM		DESCRIPTION	CW INTLET SIZE	TEMPERED WATER	TEMPERED WATER TEMPERATURE	FLOW RATE (GPM)	MANUFACTURER	MODEL
TYPE	NO.							
ES	1	EMERGENCY SHOWER AND EYE/FACE WASH UNIT	-	1 1/4"	80°F	27	BRADLEY CORPORATION	S19314BB2CFEB
YH	1	NON-FREEZE YARD HYDRANT	1"	-			ZURN	Z1397XL

- NOTES:
1. COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT SHALL BE PROVIDED WITH INTEGRAL POWER AND ALARMS.
2. CONTRACTOR SHALL PROCURE COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT AS A PACKAGED SYSTEM WITH ELECTRIC WATER HEATER, COMPLETE WITH INSULATION ON ALL EXPOSED PIPING.

WATER METER SCHEDULE						
ITEM		DESCRIPTION	SIZE	MANUFACTURER	MODEL NO.	NOTES
TYPE	NO.					
M	1	DOMESTIC WATER METER	2"	HONEYWELL	EVOQ4-LF	LOW FLOW ELECTROMAGNETIC METER, STAINLESS STEEL BODY, LCD DISPLAY

BACKFLOW PREVENTION SCHEDULE									
ITEM		DESCRIPTION	SERVICE	LOCATION	SIZE [IN]	MANUFACTURER	MODEL NO.	APPROVALS	NOTES
TYPE	NO.								
RPZ	1	REDUCED PRESSURE ZONE	DOMESTIC WATER	OUTDOOR HEATED ENCLOSURE	2	ZURN -WILKINS	375XL-AG	ASSE	THREADED CONNECTIONS, QUARTER-TURN BALL VALVES, AIRGAP ASSEMBLY REQUIRED

PRESSURE REDUCING VALVE SCHEDULE									
ITEM		DESCRIPTION	SERVICE	LOCATION	SIZE [IN]	MANUFACTURER	MODEL NO.	APPROVALS	NOTES
TYPE	NO.								
PRV	1	WATER PRESSURE REDUCING VALVE	DOMESTIC COLD WATER	OUTDOOR HEATED ENCLOSURE	2	ZURN	600XL-C-H LR	ASSE	TAPPED WITH GAUGE, COPPER SWEAT CONNECTION, 10 PSI TO 125 PSI SPRING RANGE, OUTLET PRESSURE SET TO 80 PSI

PLUMBING - EQUIPMENT SCHEDULE											
ITEM		DESCRIPTION	MANUFACTURER	MODEL NO.	DIMENSIONS			SYSTEM SERVED	ELECTRICAL		LOCATION
TYPE	NUMBER				LENGTH	WIDTH	HEIGHT		Watts	V	
HBE	1	HEATED BACKFLOW PREVENTER ENCLOSURE	HUBELL	DURAFOLD CUSTOM	1'-9"	7'-4"	3'-4 1/2"	DOMESTIC WATER	1500.0	120	BUILDING EXTERIOR
										NOTES	
										DURAFOLD ALUMINUM HINGED ENCLOSURE, WITH DRAIN PORT, HEAT PROVIDED BY 1500 WATT, 120V SINGLE PHASE HEATER	

WATER HEATER SCHEDULE											
ITEM		EQUIPMENT DESCRIPTION	TEMP. IN [°F]	TEMP. OUT [°F]	ELECTRICAL			MANUFACTURER	MODEL NO.	NOTES	
TYPE	NO.				POWER [KW]	VOLTAGE [V]	PHASE [PH]				
EWB	1	ELECTRIC TANKLESS WATER HEATER	40	80	126	480	3	BRADLEY CORPORATION	SNA-126 3/480 D-N4X-D-AL3-SL-FDS-GF-PRS-YSS	PROVIDE WITH DIGITAL CONTROL, STACK LIGHT WITH DISTRIBUTED CONSTROL SYSTEM LINK, INTERNAL FUSED DISCONNECT, GROUND FAULT PACAKGE, ASME PRESSURE RELIEF VALVE, STAINLESS STEEL Y-STRAINER	

NOTES:
1. CONTRACTOR SHALL PROCURE COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT AS A PACKAGED SYSTEM WITH ELECTRIC WATER HEATER, COMPLETE WITH INSULATION ON ALL EXPOSED PIPING.

PLUMBING CODE NEW YORK STATE NOTES

- ALL PLUMBING SYSTEMS (SANITARY, WASTE, VENT AND WATER DISTRIBUTION SYSTEMS) AND ASSOCIATED EQUIPMENT SHALL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 NEW YORK STATE PLUMBING CODE. POTABLE AND BACKFLOW PREVENTION TESTING SHALL BE IN ACCORDANCE WITH 2020 PCNYS SECTION 608.
- INSPECTION AND TESTING OF PLUMBING PIPING SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION PC107 AND PC312.
- MATERIALS USED IN PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC303.
- RODENT PROOFING AS PER PC304.
- PROTECTION OF PLUMBING PIPING SYSTEM COMPONENTS AS PER PC 305; PIPE SLEEVES AS PER PC305.4.
- INSTALLATION OF UNDERGROUND PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC305 AND PC306.
- TRENCHING, EXCAVATING AND BACKFILL AS PER PC306.
- VERTICAL AND HORIZONTAL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC308.
- FLOOD HAZARD RESISTANCE AS PER SECTION PC309.
- FIXTURES, FAUCETS AND FIXTURE FITTINGS AS PER PC CHAPTER 4.
- WATER SUPPLY SYSTEMS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF PC CHAPTER 6.
- EQUIPMENT CONNECTIONS AND JOINING OF PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC605.
- DISINFECTION OF POTABLE WATER SYSTEM AS PER SECTION PC810.
- INDIRECT WASTE PIPING AS PER SECTION PC802.

				DESIGNED BY: ER	DRAWN BY: ER
				CHECKED BY: RP	
				DESIGN LEAD: RICHARD POTTER, PE	
				SECTION MANAGER:	
1	07/23	ADDENDUM #2		RPRP	
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.	

ARUP



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

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ADDENDUM NO. 2

DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE

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

VERTICAL DATUM
CONVERSION (ft)

+1.28 BWS

0 NAVD88

CONTRACT KENS EAST-2
KENSICO SITE PREPARATION



PLUMBING
ELECTRICAL BUILDING
SYMBOL LIST, NOTES, LEGENDS & SCHEDULES

DATE: JULY 2023

SCALE: AS NOTED

SHEET NO:

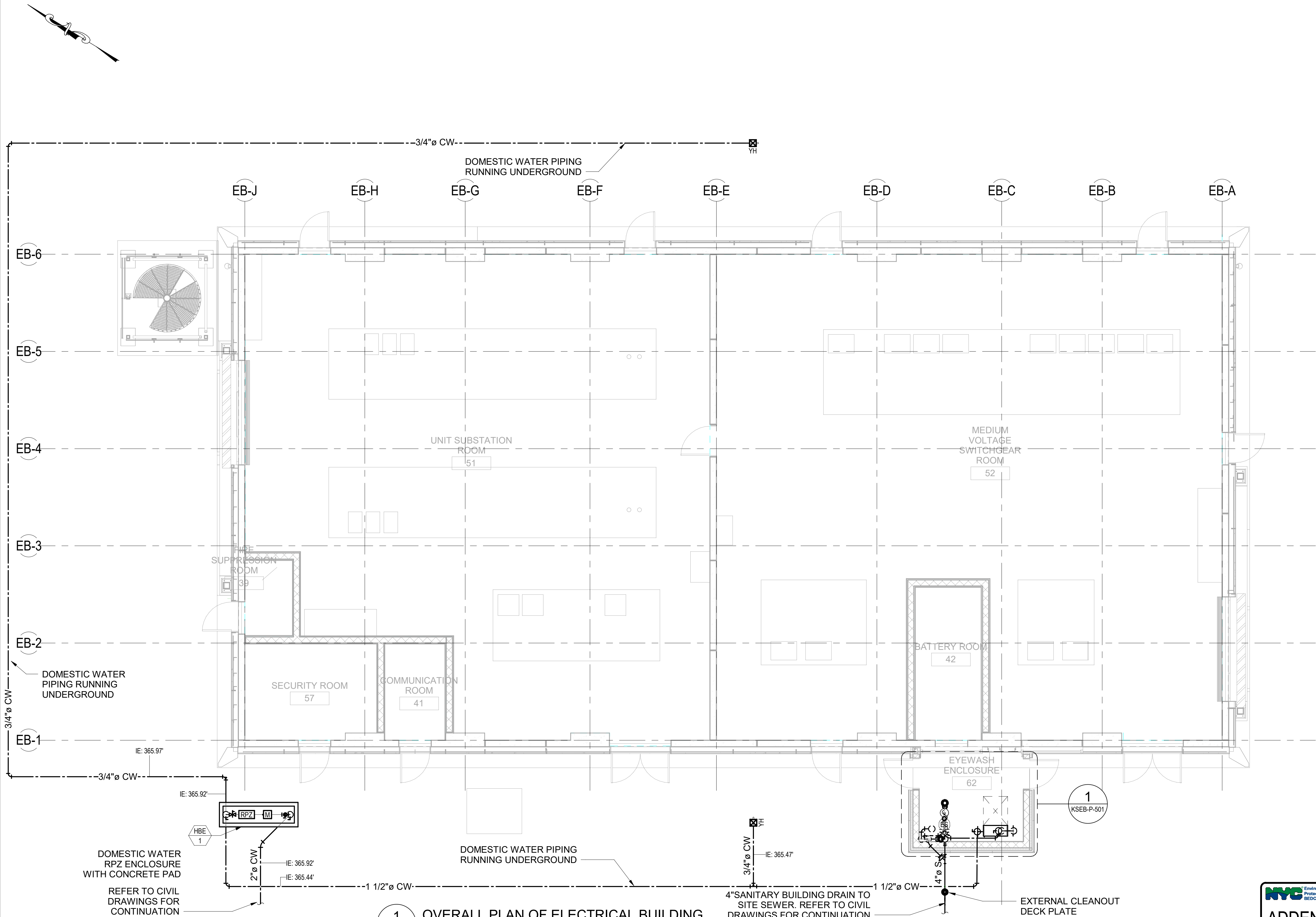
DRAWING NO.

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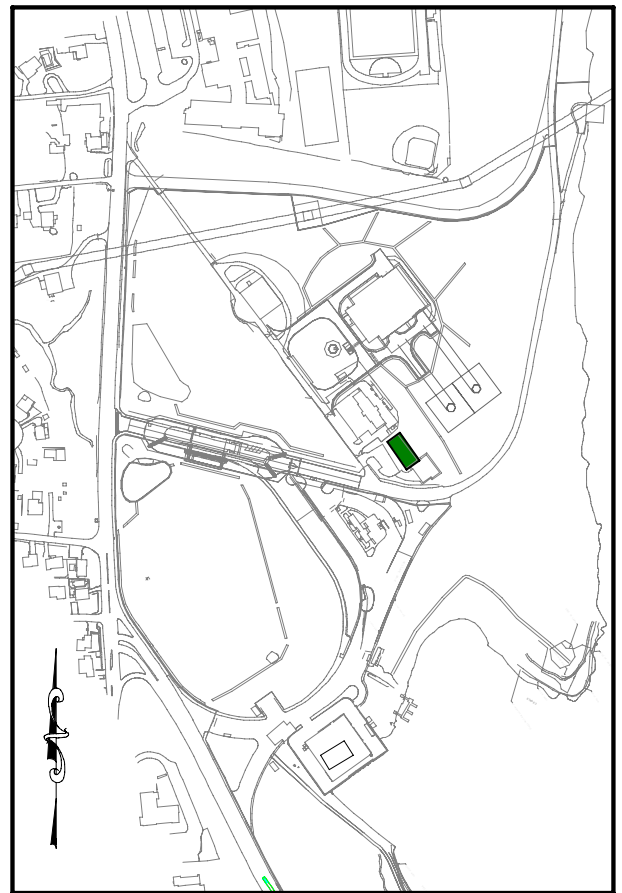
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1 OVERALL PLAN OF ELECTRICAL BUILDING
SCALE: 3/16" = 1'-0"



KEY PLAN

3/16"=1'-0" 0 5 10 FT.



ADDENDUM NO. 2

DATE ISSUED: 07/2023

GRAPHIC SCALES
CHECK BEFORE USE
IF SHEET IS LESS THAN 22" X 34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY
VERTICAL DATUM
CONVERSION (ft)
+1.28 BWS
0 NAVD88

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	07/23	ADDENDUM #2	RP

DESIGNED BY:
ER
CHECKED BY:
RP
DESIGN LEAD:
RICHARD POTTER, PE
SECTION MANAGER:

DRAWN BY:
ER
ARUP



ACCOUNTABLE MANAGER
JUSTIN RIVELLINO
PORTFOLIO MANAGER
LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN
MICHAEL LOEHR, PE

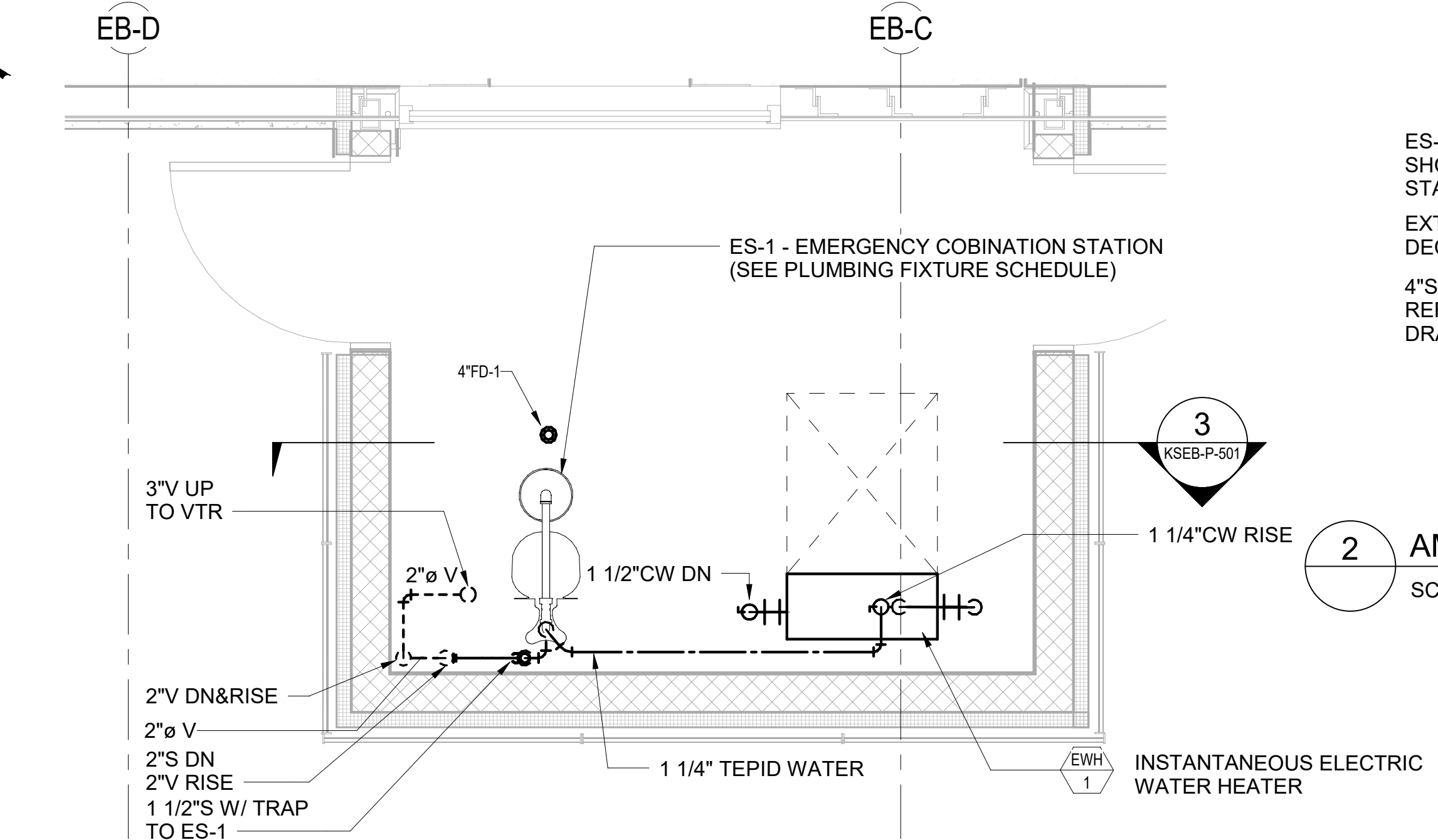
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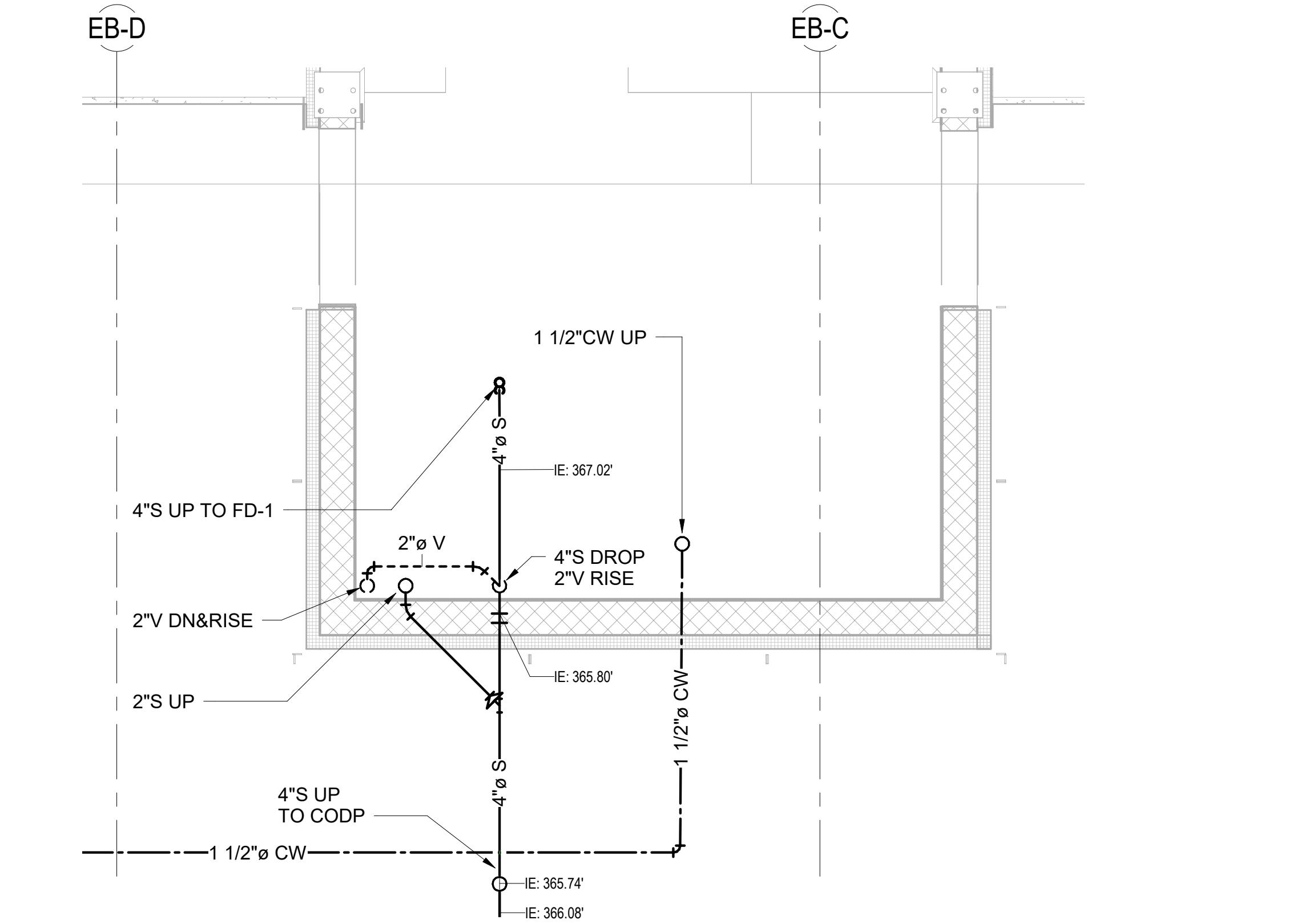
**CONTRACT KENS EAST-2
KENSICO SITE PREPERATION**
PLUMBING
ELECTRICAL BUILDING
OVERALL FLOOR PLAN

DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO.
KSEB-P-401.01

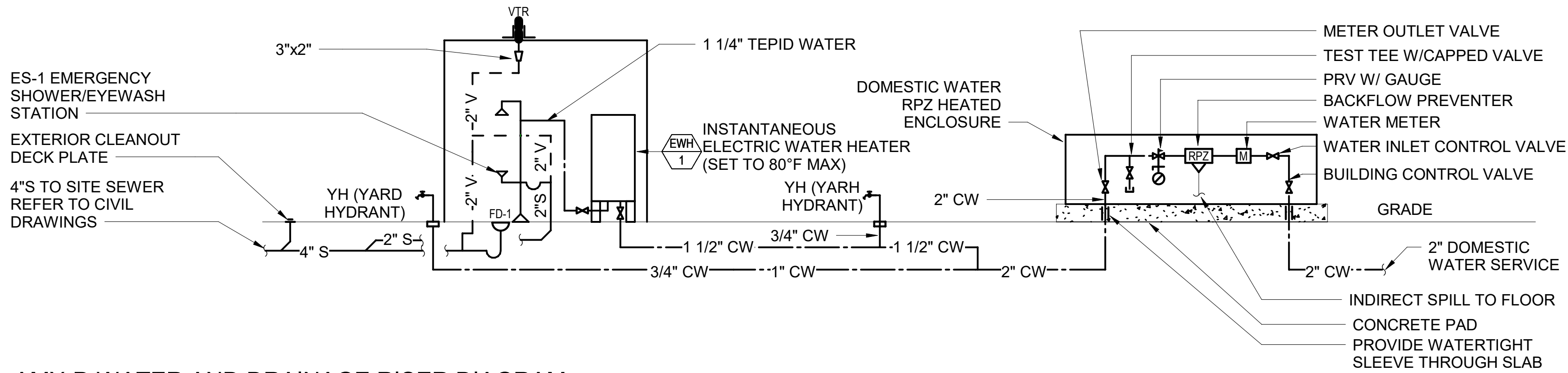
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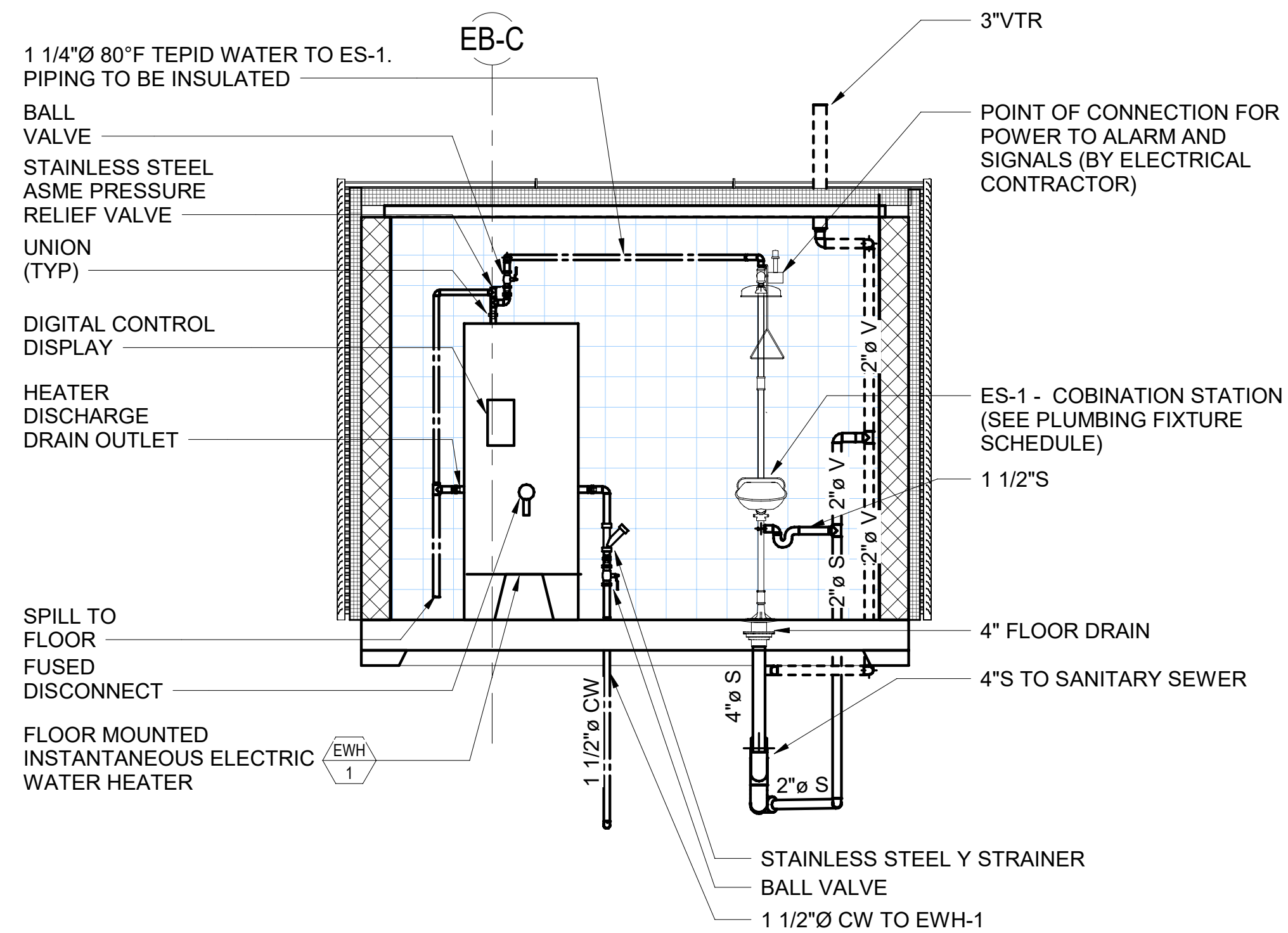
1 OVERALL PLAN OF ELECTRICAL BUILDING
SCALE: 1/2" = 1'-0"



4 ENLARGED PLAN - UNDERGROUND
SCALE: 1/2" = 1'-0"



2 AMX-P-WATER AND DRAINAGE RISER DIAGRAM
SCALE: N.T.S.



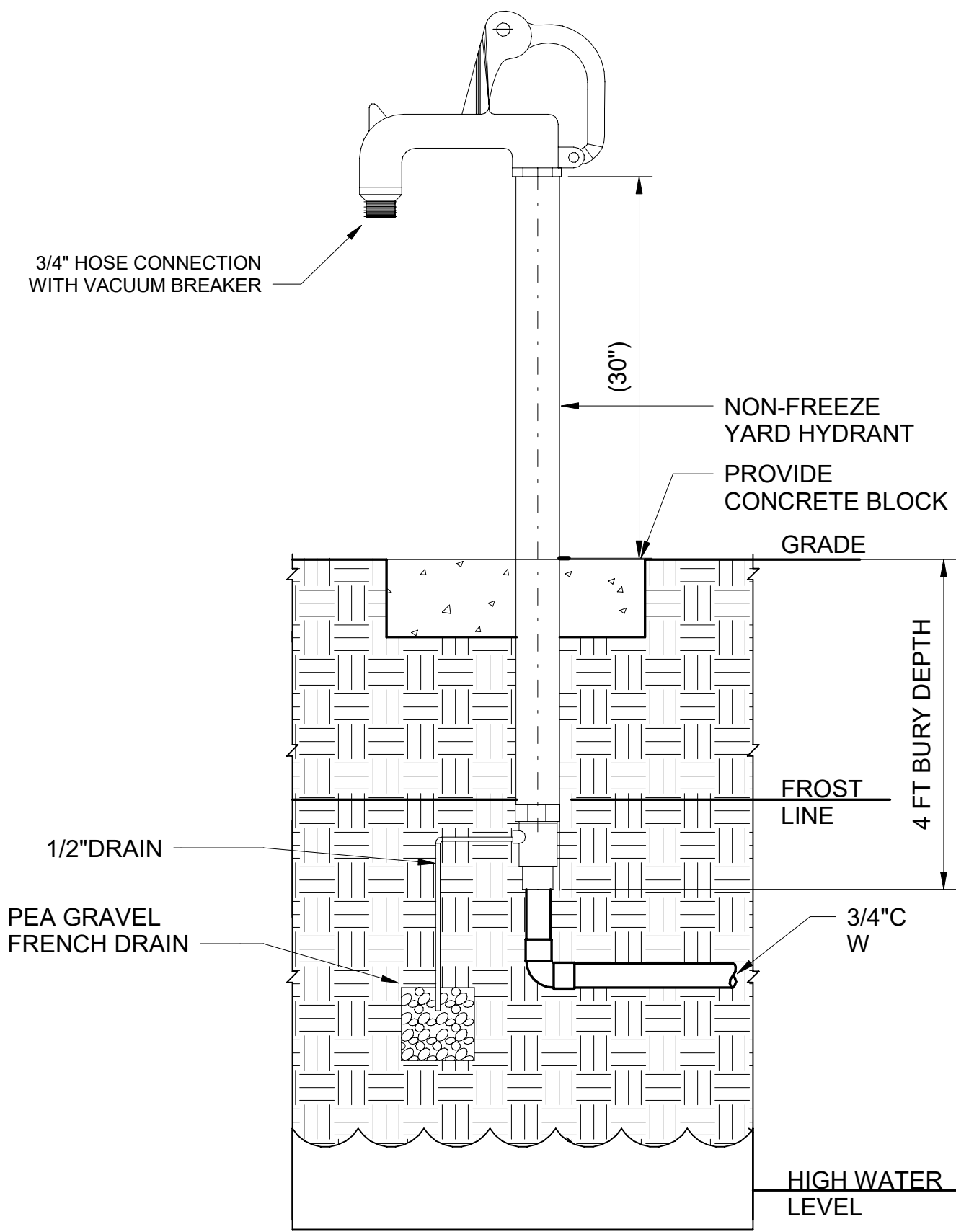
- NOTES:
- CONTRACTOR SHALL PROCURE COMBINATION EMERGENCY SHOWER AND EYE/FACE WASH UNIT AS A PACKAGED SYSTEM WITH ELECTRIC WATER HEATER, COMPLETE WITH INSULATION ON ALL EXPOSED PIPING.
 - ALL EXPOSED PIPING SHALL BE PROVIDED WITH A MIN OF 2" INSULATION, AND STAINLESS STEEL JACKET.
 - WATER HEATER SHALL BE PROVIDED WITH ALARMS AND CONNECTIVITY TO BMS.

3 COMBINATION EMERGENCY SHOWER EYE/FACE WASH
SCALE: 3/8" = 1'-0"

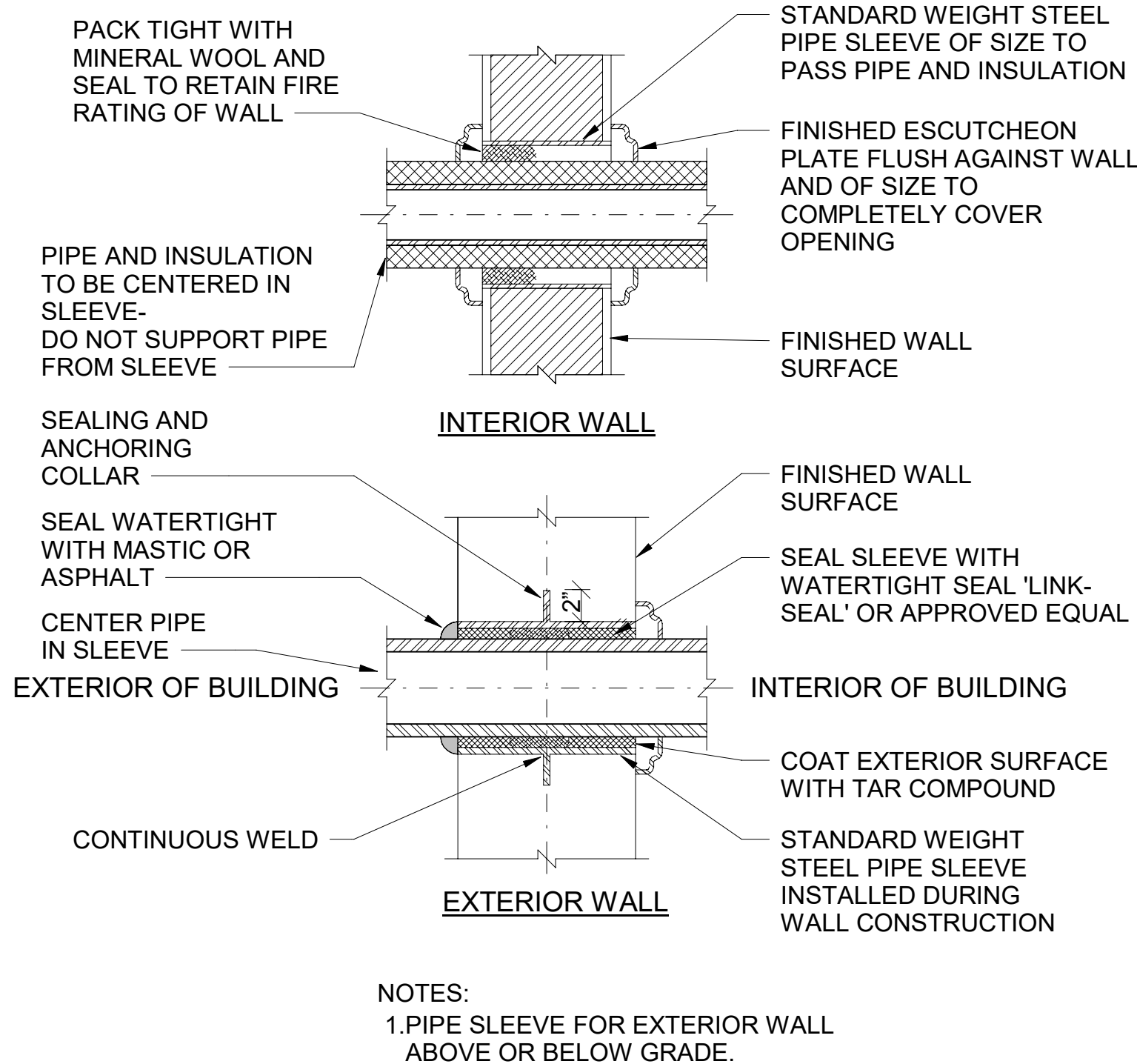


NYC Environmental Protection BEDC/ED	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft)
	ADDENDUM NO. 2	+1.28 - BWS
	DATE ISSUED: 07/2023	0 - NAVD88

				DESIGNED BY: ER	DRAWN BY: ER			ACCOUNTABLE MANAGER JUSTIN RIVELLINO	"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."	NEW YORK CITY ENVIRONMENTAL PROTECTION BUREAU OF ENGINEERING DESIGN & CONSTRUCTION 96-05 HORACE HARDING EXPRESSWAY 5th FLOOR CORONA, NEW YORK 11368 www.nyc.gov/dep	CONTRACT KENS EAST-2 KENSICO SITE PREPERATION ELECTRICAL BUILDING ENLARGED PLANS & RISERS	DATE: JULY 2023
				CHECKED BY: RP				PORTFOLIO MANAGER LAUREN D'ATTILE, PE				SCALE: AS NOTED
				DESIGN LEAD: RICHARD POTTER, PE				DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE				SHEET NO:
				SECTION MANAGER:								DRAWING NO. KSEB-P-501.01
1	07/23	ADDENDUM #2		RP								
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.									

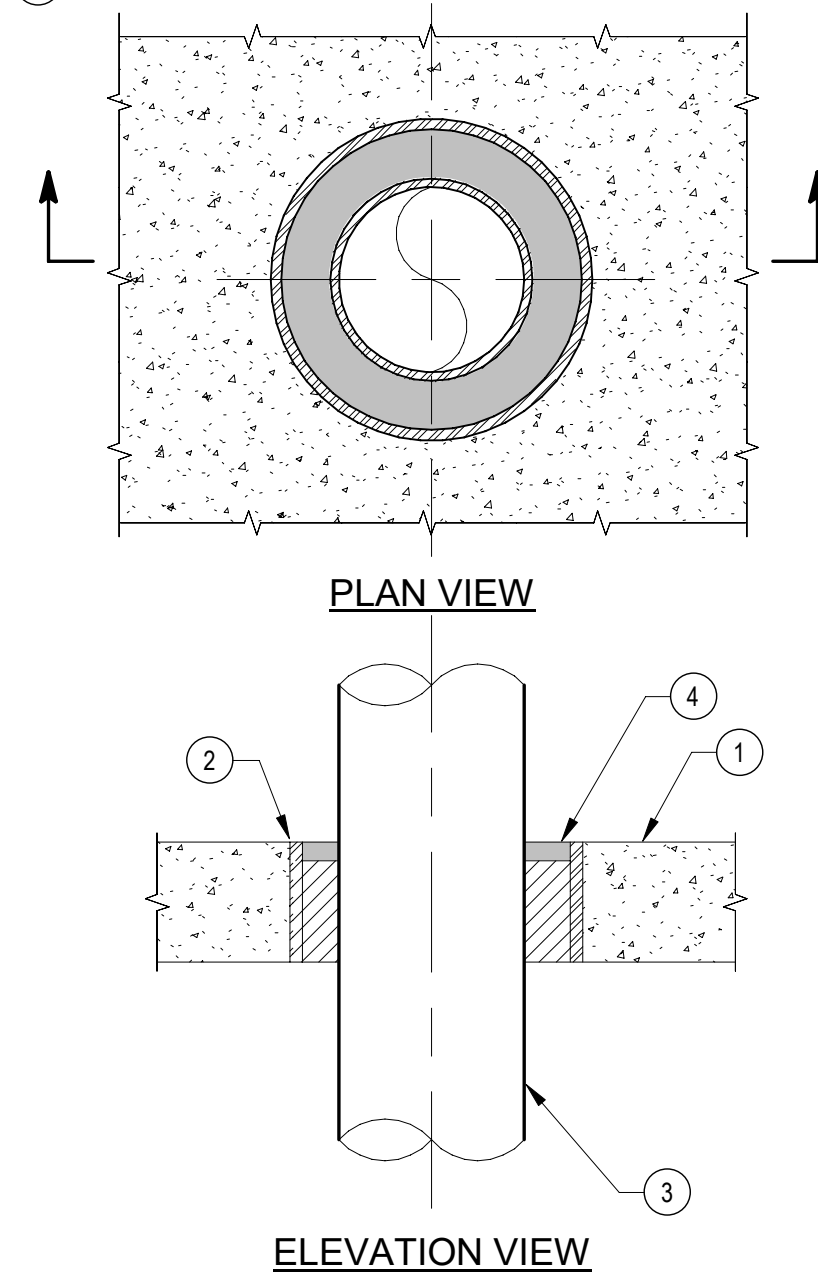


1 YARD HYDRANT DETAIL
SCALE: N.T.S.

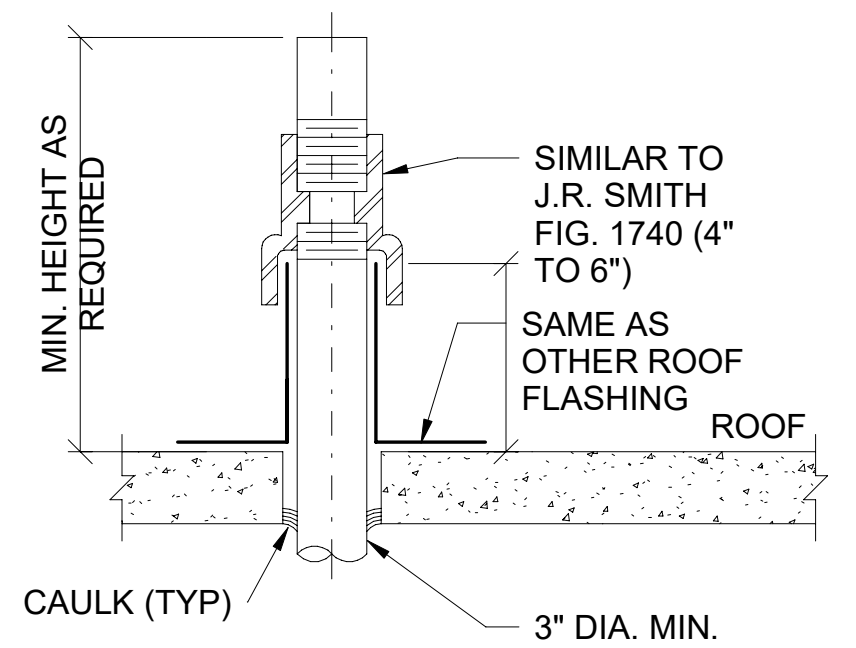


2 PIPE SLEEVE DETAIL
SCALE: N.T.S.

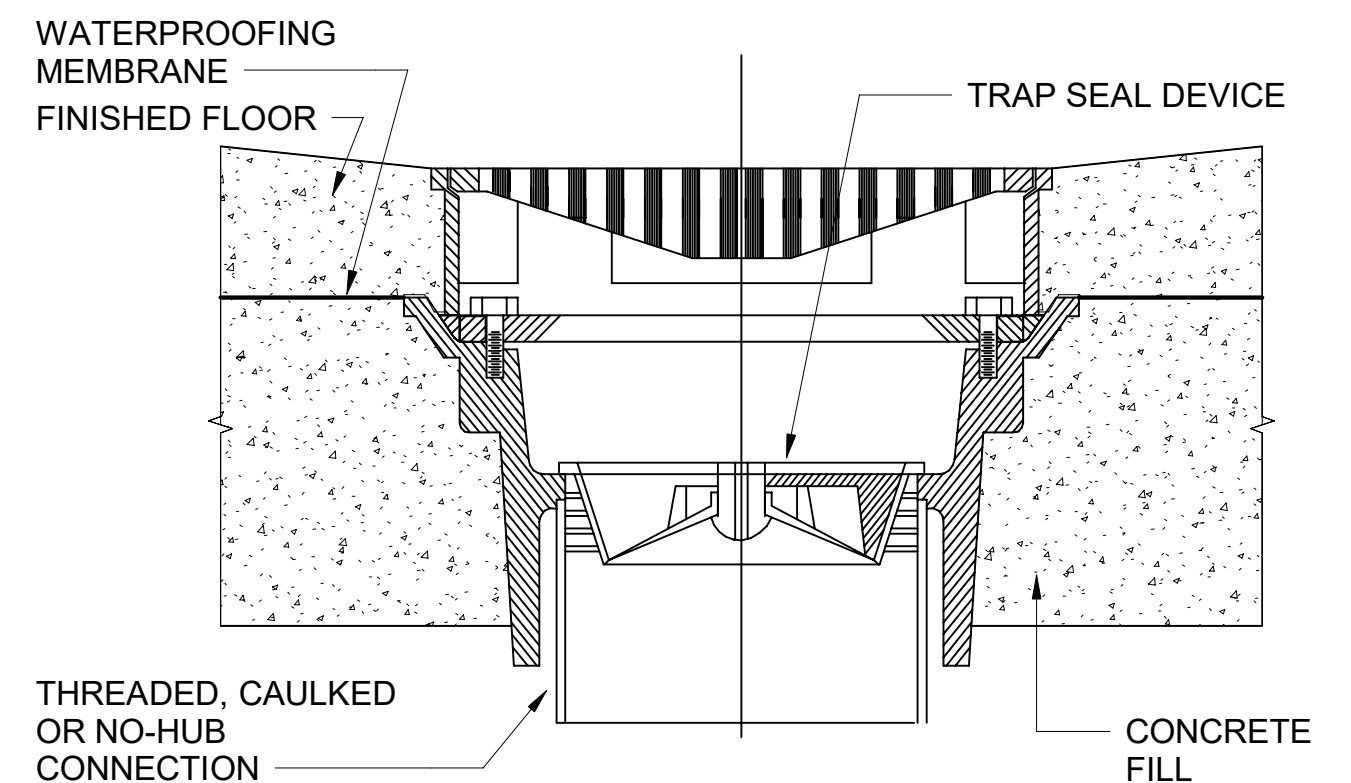
- KEY NOTES:
1. CONCRETE FLOOR ASSEMBLY:
 2. STEEL PIPE SLEEVE (SCHEDULE 10 OR HEAVIER).
 3. PENETRATION ITEM TO BE ONE OF THE FOLLOWING:
A. MAXIMUM 2" NOMINAL DIAMETER COPPER PIPE
B. MAXIMUM 4" NOMINAL DIAMETER SANITARY PIPE.
 4. WATERTIGHT SEAL 'LINK-SEAL' OR APPROVED EQUAL



3 METAL PIPE (INSULATED) THRU CONCRETE FLOOR
SCALE: N.T.S.



4 TYPICAL FLASHING DETAIL FITTINGS FOR PIPES THROUGH ROOF
SCALE: N.T.S.

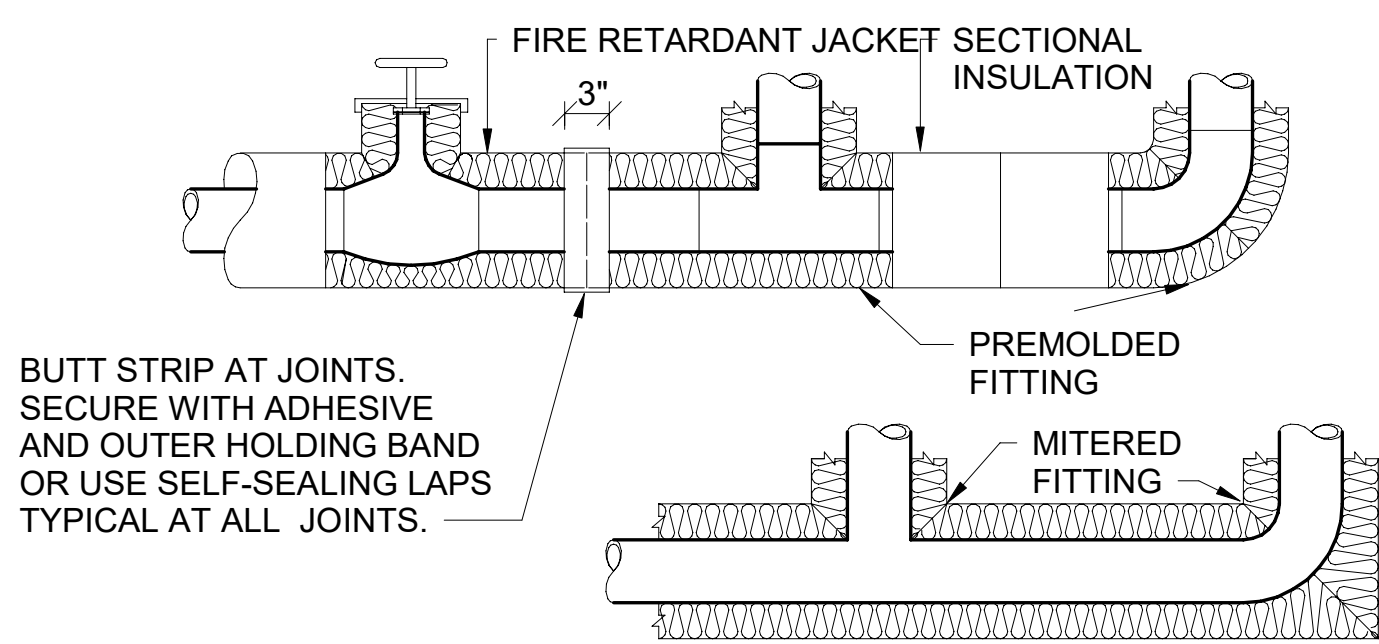


5 FLOOR DRAIN DETAIL
SCALE: N.T.S.

- CONCEALED VALVES AND FITTINGS
- WRAP WITH 1 INCH THICK, 1 POUND DENSITY TO REQUIRED PIPE INSULATION THICKNESS.
 - SECURE WITH WIRE OR TAPE.
 - VAPOR SEAL COLD WATER, CHILLED WATER AND STORM WATER PIPING.

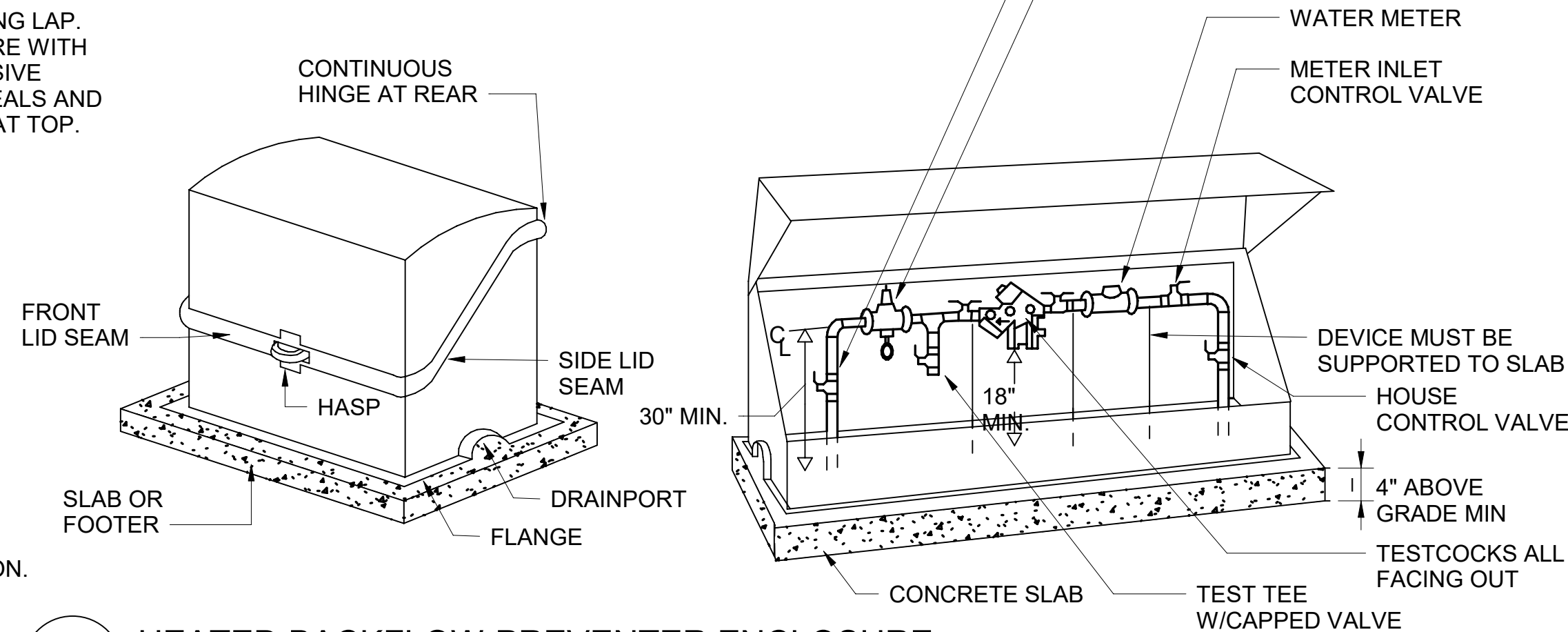
- EXPOSED VALVES AND FITTINGS
- PREMOLDED OR RADIAL MITERED PIPE INSULATION.
 - SKIM COAT OF INSULATION CEMENT.
 - COAT OF MASTIC.
 - WRAP WITH REINFORCING CLOTH OR ASJ JACKET.
 - FINISH COAT OF MASTIC.
 - OVERLAP 2 INCHES ON PIPE INSULATION.

- NOTES:
1. COORDINATE WATER METER READING

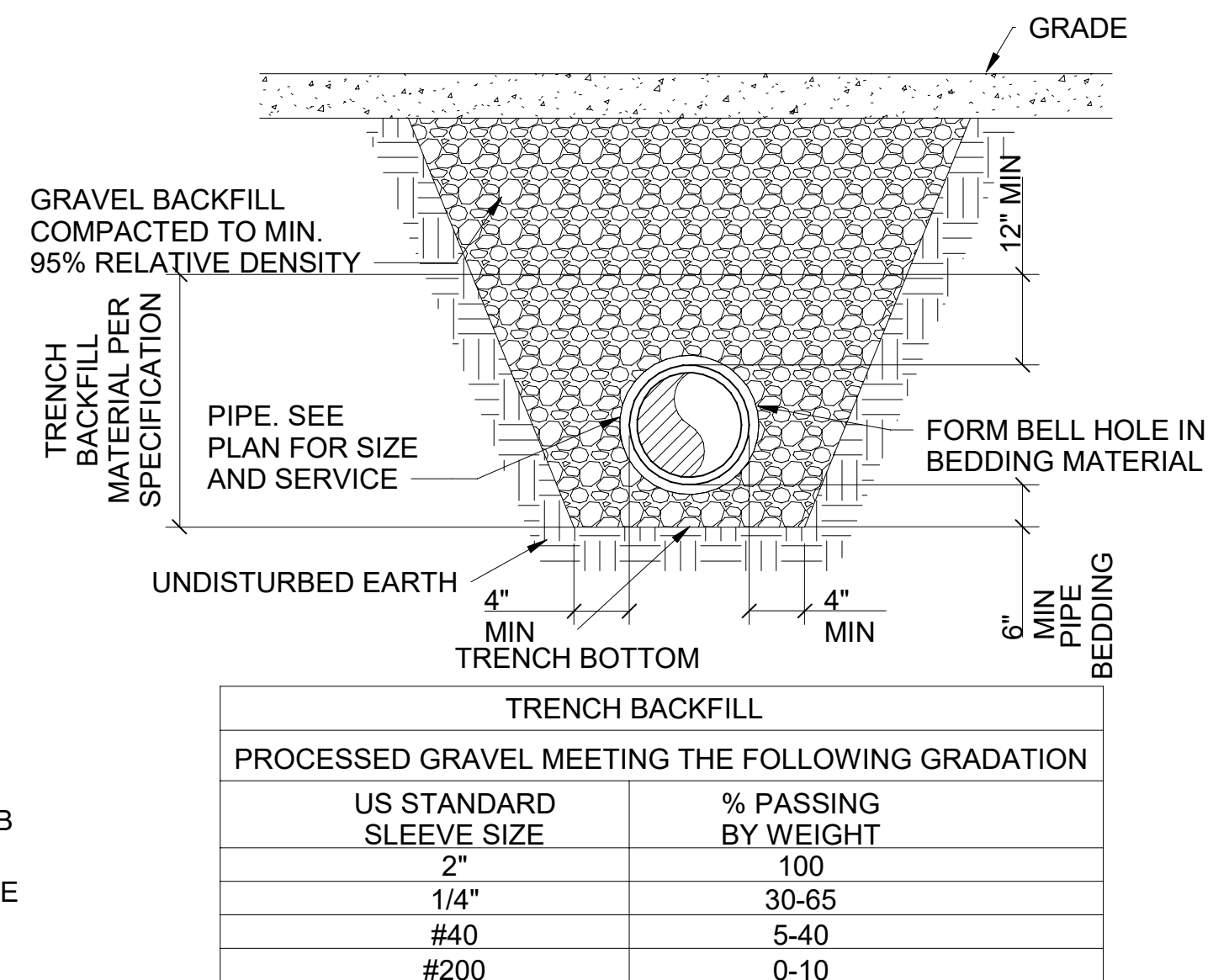


- NOTES:
1. THE USE OF STAPLES WILL NOT BE PERMITTED.
 2. INSULATION OF PIPING, VALVES AND FITTINGS FOR EXPOSED OR CONCEALED LOCATION.

6 TYPICAL PIPE INSULATION DETAIL
SCALE: N.T.S.



7 HEATED BACKFLOW PREVENTER ENCLOSURE
SCALE: N.T.S.



8 UNDERSLAB PIPE INSTALLATION
SCALE: N.T.S.



ADDENDUM NO. 2

DATE ISSUED: 08/2023

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CHECK BEFORE USE

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VERTICAL DATUM
CONVERSION (ft)

+1.28 BWS

0 NAVD88

NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	07/23	ADDENDUM #2	RP

DESIGNED BY: ER
CHECKED BY: RP
DESIGN LEAD: RICHARD POTTER, PE
SECTION MANAGER:

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

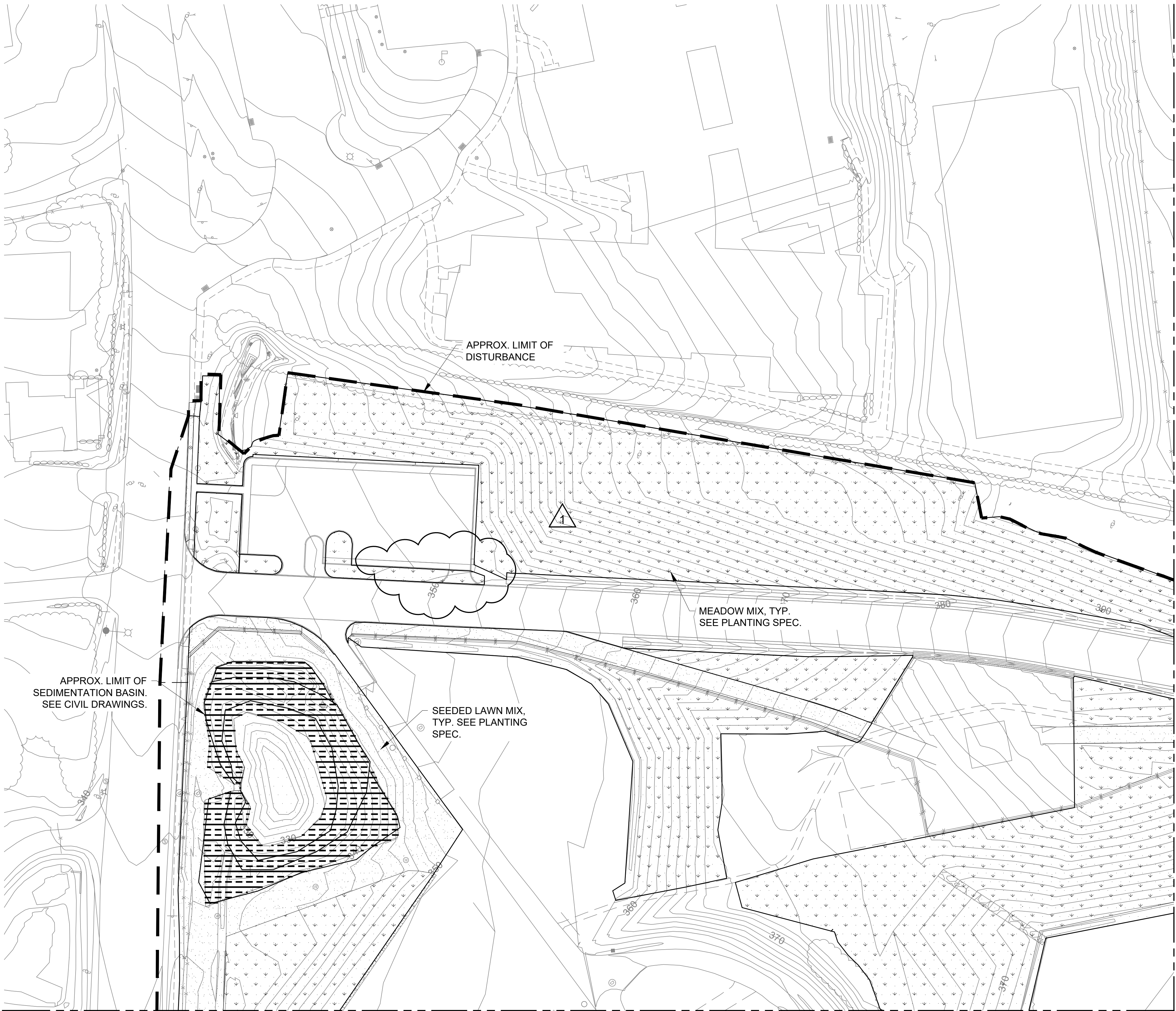
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96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dcp

CONTRACT KENS EAST-2
KENSICO SITE PREPERATION
PLUMBING
ELECTRICAL BUILDING
DETAILS

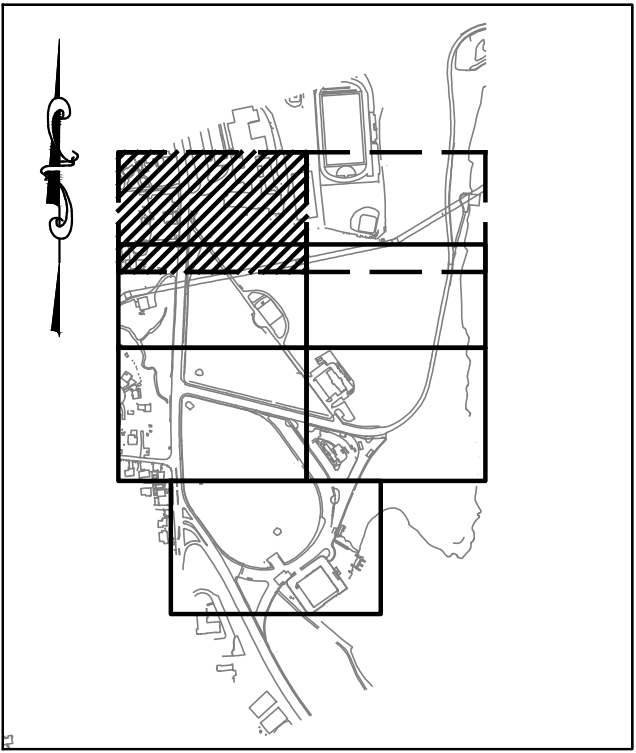
DATE: JULY 2023
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSEB-P-801.01

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Date & Time Plotted: 7/27/2023 11:21 AM
Plot Style Table: BEDC_Acad(N).dwt
Plot Scale: 1:1



- NOTES:
- SEE DWG KSPP-L-100 FOR OVERALL LANDSCAPE PLAN
 - SEE SPECIFICATIONS FOR SITE PREPARATION, SOIL MIXES, AND AMENDMENTS.
 - SOIL MIXES TO BE PLACED IN 6 INCH LIFTS.
 - MINIMUM DEPTH OF SOIL MIX FOR ALL TREE AND SHRUB AREAS TO BE 18 INCHES. MINIMUM DEPTH OF SOIL MIX FOR ALL TURF AND MEADOW MIX AREAS TO BE 6 INCHES.
 - LAYOUT OF PLANT MATERIAL TO BE APPROVED BY THE ENGINEER/ARCHITECT PRIOR TO INSTALLATION.

PLANTING LEGEND	
MOWED TURF	
MEADOW MIX	
RETENTION AND POND MIX	



KEY PLAN

1"=40'
0 40 80 FT.

 ADDENDUM NO. 2 DATE ISSUED: 07/2023	GRAPHIC SCALES CHECK BEFORE USE	VERTICAL DATUM CONVERSION (ft) +1.28 - BWS 0 - NAVD88
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DESIGNED BY: KE		DRAWN BY: KE	
CHECKED BY: KE			
DESIGN LEAD: ROBERT CUEVAS, RA			
SECTION MANAGER: ROBERT CUEVAS, RA			
1	07/2023	ADDENDUM #2	BC
NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

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CORONA, NEW YORK 11368
www.nyc.gov/dcp

CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

LANDSCAPE
LANDSCAPE PLAN
SHEET 1

DATE: NOV 2022
SCALE: AS NOTED
SHEET NO:
DRAWING NO. KSPP-L-101.01

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

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Last Date Saved: 7/21/2023 1:38 PM
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NO.	DATE	REVISIONS/DESCRIPTION	APPR'D.
1	7/23	ADDENDUM #2	RC

DESIGNED BY: KE	DRAWN BY: KE
CHECKED BY: KE	
DESIGN LEAD: ROBERT CUEVAS, RA	
SECTION MANAGER: ROBERT CUEVAS, RA	



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
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BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
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ADDENDUM NO. 2
DATE ISSUED: 07/2023

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SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
+1.28 ± BWS
0 ± NAVD88

CONTRACT KENS-EAST-2 KENSICO SITE PREPARATION	DATE: NOV 2022
LANDSCAPE LANDSCAPE PLAN SHEET 5	SCALE: AS NOTED
	SHEET NO:
	DRAWING NO. KSPP-L-105.01

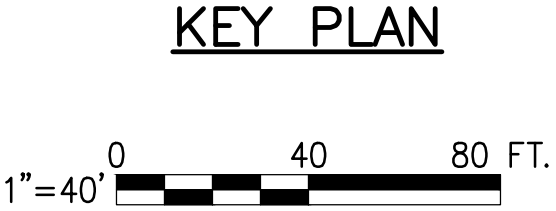
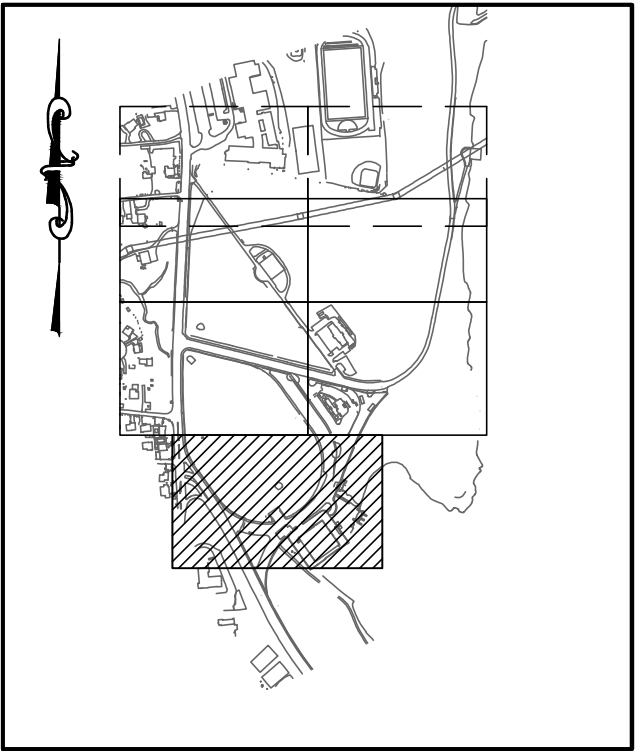
All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.

MATCHLINE SEE KSPP-L-103



- NOTES:
- SEE DWG KSPP-L-100 FOR OVERALL LANDSCAPE PLAN
 - SEE SPECIFICATIONS FOR SITE PREPARATION, SOIL MIXES, AND AMENDMENTS.
 - SOIL MIXES TO BE PLACED IN 6 INCH LIFTS.
 - MINIMUM DEPTH OF SOIL MIX FOR ALL TREE AND SHRUB AREAS TO BE 18 INCHES. MINIMUM DEPTH OF SOIL MIX FOR ALL TURF AND MEADOW MIX AREAS TO BE 6 INCHES.
 - LAYOUT OF PLANT MATERIAL TO BE APPROVED BY THE ENGINEER/ARCHITECT PRIOR TO INSTALLATION.

PLANTING LEGEND	
MOWED TURF	
MEADOW MIX	
RETENTION AND POND MIX	



Attachment 3: Seals and Certifications

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS

Design Professional: New York City Department of Environmental Protection, 59-17 Junction Blvd, Flushing, NY 11368.

Clement Chan, PE
License No. NY PE- 080938



The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:

- Section 03 10 00 – Concrete Forming and Accessories
- Section 03 15 14 – Caulking Waterproofing and Pargeting
- Section 03 21 00 – Reinforcing Steel
- Section 03 30 00 – Cast-in-Place Concrete
- Section 03 32 00 – Joints in Concrete
- Section 03 35 00 – Concrete Finishing
- Section 03 41 00 – Precast Structural Concrete
- Section 03 60 00 – Grouting
- Section 04 05 00 – Common Work Results for Masonry
- Section 04 22 00 – Concrete Unit Masonry

Design professionals' seals and signatures do not apply to the documents that comprise the Bid Booklet, Standard Construction Contract, Schedule of Wage Rates and General Conditions.

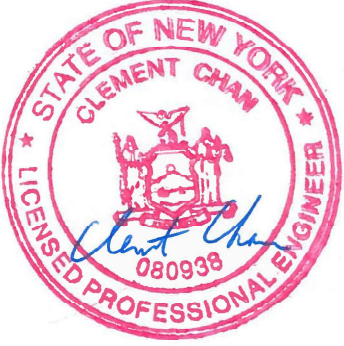
It is a violation applicable laws and regulations governing professional licensing and registration for any person, unless acting under the direction of the licensed and registered design professional(s) indicated above, to alter in any way the Specifications in this Contract.

(NO FURTHER TEXT THIS PAGE)

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS, continued

Design Professional: New York City Department of Environmental Protection, 59-17 Junction Blvd, Flushing, NY 11368.

<p>Clement Chan, PE License No. NY PE- 080938</p> <div style="text-align: center;"></div>	<p>The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:</p> <ul style="list-style-type: none">• Section 05 05 13.01 – Galvanizing• Section 05 05 23.01 – Welding• Section 05 05 23.02 – Miscellaneous Metal Fastenings• Section 05 06 00.01 – Schedules for Stainless Steel Work• Section 05 12 00 – Structural Steel Framing• Section 05 31 23 – Steel Roof Decking• Section 05 50 00 – Metal Fabrications• Section 05 51 00 – Metal Stairs• Section 05 52 13.05 – Welded Pipe Railings-Stainless Steel• Section 05 53 01.02 – Stainless Steel Floor Gratings• Section 07 21 60 – Structural Thermal Breaks
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**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS, continued

Design Professional: New York City Department of Environmental Protection, 59-17 Junction Blvd, Flushing, NY 11368.

<p>Jignesh Patel, PE License No. NY PE- 102302</p> 	<p>The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:</p> <ul style="list-style-type: none">• Division 26• Division 27
--	---

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(NO FURTHER TEXT THIS PAGE)

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS, continued

Design Professional: New York City Department of Environmental Protection, 59-17 Junction Blvd, Flushing, NY 11368.

Sebastian Lopez, PE
License No. NY PE- 096829-01



The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:

- Section 05 56 00.01 - Miscellaneous Metal Castings
- Section 31 10 10 - Site Clearing
- Section 31 23 23 - Fill
- Section 31 25 10 - Dust, Soil Erosion and Sediment Control
- Section 31 35 10 - Embankment and Channel Protection
- Section 32 12 16 - Asphalt Paving
- Section 32 14 01 - Reinforced Turf
- Section 32 31 15 - Chain Link Fence
- Section 32 90 05 - Soils Mixes
- Section 32 90 00 - Planting
- Section 33 05 05 - Buried Piping Installation
- Section 33 05 05.30 Leakage Testing for Buried Piping
- Section 33 05 33.13 Corrugated-Wall, Smooth-Interior HDPE Gravity Pipe
- Section 33 06 01 - Schedule for Buried Piping
- Section 33 39 10 - Sanitary and Storm Sewer Structures
- Section 33 42 10 - Reinforced Concrete Sewer Pipe
- Section 40 05 06 - Couplings Adapters and Specials for Piping
- Section 40 05 19 - Ductile and Cast Iron Pipe

Design professionals' seals and signatures do not apply to the documents that comprise the Bid Booklet, Standard Construction Contract, Schedule of Wage Rates and General Conditions.

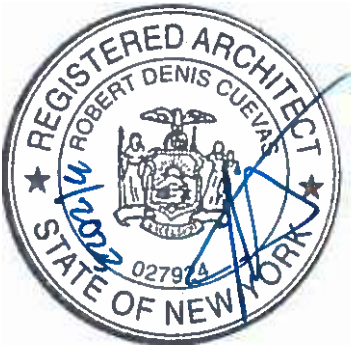
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(NO FURTHER TEXT THIS PAGE)

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS, continued

Design Professional: New York City Department of Environmental Protection, 59-17 Junction Blvd, Flushing, NY 11368.

<p>Robert D. Cuevas, R.A. License No. NY R.A. - 027924</p> 	<p>The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:</p> <ul style="list-style-type: none">• Section 03 35 16 - Heavy-Duty Concrete Floor Finishing• Section 05 50 19 – Welded Steel Grillework• Section 07 13 00 - Sheet Waterproofing• Section 07 21 00 - Thermal Insulation• Section 07 22 16 - Roof Board Insulation• Section 07 27 26 - Fluid Applied Membrane Air and Vapor Barrier• Section 07 44 53 - Glass Fiber Concrete Panel Rainscreen• Section 07 56 00 - Fluid Applied Roofing• Section 07 61 00 – Sheet Metal Roofing• Section 07 62 00 - Sheet Metal Flashing and Trim• Section 07 71 00 - Roof Specialties• Section 07 72 46 - Roof Walkways• Section 07 90 00 – Joint Protection• Division 08• Division 09• Division 10
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Design professionals' seals and signatures do not apply to the documents that comprise the Bid Booklet, Standard Construction Contract, Schedule of Wage Rates and General Conditions.

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**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION**

SEALS AND CERTIFICATIONS, continued

Design Professional: Ove Arup & Partners PC, 77 Water Street, New York, NY 10005

<p>Hillary Lobo, PE License No. NY PE- 071565-1</p> 	<p>The seal and signature to the left apply to the following Specifications Divisions and/or Specification Sections of this Contract:</p> <ul style="list-style-type: none">• Section 28 46 00 – Fire Detection and Alarm Systems
---	---

Design professionals' seals and signatures do not apply to the documents that comprise the Bid Booklet, Standard Construction Contract, Schedule of Wage Rates and General Conditions.

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Attachment 4: Schedule of Workers,
Mechanics, and Laborers

Note: The following is a listing of those trades expected to be utilized on this project. If a Contractor proposes to use an alternative trade, he must notify the DEP Contract Compliance Office at 718-595-3211.

Contract(s): KENS-EAST-2

Description: Kensico Site Preparation

SCHEDULE OF WORKERS, MECHANICS AND LABORERS
(Listed by Individual Contract)

Blaster
Bricklayer
Carpenter – Heavy Construction
Cement and Concrete Worker
Cement Mason
City Surveyor and Consultant Engineer
Cleaner (Office – Trailers)
Core Driller
Crane Operator
Derrick Person and Rigger
Electrician
Elevator Constructor
Elevator Repair / Maintenance
Engineer – Heavy Construction
Engineer – Steel Erection
Engineer – Building Work
Field Engineer – Building Construction
Field Engineer – Heavy Construction
Field Engineer – Steel Erection
Instrument Man
Instrument Person
Operation Engineer – Road and Heavy Construction
Operating Engineer - Building

Operating Engineer – Concrete
Operating Engineer – Paving
Operating Engineer – Steel Erection
Iron Worker – Ornamental
Iron Work - Structural
Laborer
Landscaping
Mason Tender
Painter
Painter – Sign Painter
Painter – Structural Steel
Paver and Roadbuilder - Asphalt
Paver and Roadbuilder – Concrete
Plumber
Security Guard
Sheet Metal Worker (Ductwork)
Sheet Metal Worker
Truck Driver
Tunnel Worker
Welder

Attachment 5: Latest Westchester
County Prevailing Wage Schedule

Introduction to the Prevailing Rate Schedule

Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below.

Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates.

Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use.

Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

Payrolls and Payroll Records

Contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records.

Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury.

Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. Although in most cases the payment or provision of supplements is straight time for all hours worked, some classifications require the payment or provision of supplements, or a portion of the supplements, to be paid or provided at a premium rate for premium hours worked. Supplements may also be required to be paid or provided on paid holidays, regardless of whether the day is worked. The Overtime Codes and Notes listed on the particular wage classification will indicate these conditions as required.

Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year. All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website (www.labor.ny.gov) for current wage rate information.

Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3
Electrical (Outside) Lineman	1:1,1:2
Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12240

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004
Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-932-2419	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4902
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

Westchester County General Construction

Boilermaker	07/01/2023
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JOB DESCRIPTION Boilermaker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2023	01/01/2024
Boilermaker	\$ 65.88	\$ 67.38
Repairs & Renovations	65.88	67.38

Repairs & Renovation: Includes Repairing, Renovating replacement of parts to an existing unit(s).

SUPPLEMENTAL BENEFITS

Per Hour:

Boilermaker	33.5% of hourly	33.5% of Hourly
Repair \$ Renovations	Wage Paid	Wage Paid
	+ \$ 26.49	+ \$26.85

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY

See (*B, O, **U) on OVERTIME PAGE

Note:* Includes 9th & 10th hours, double for 11th or more.

** Labor Day ONLY, if worked.

Repairs & Renovation see (B,E,Q) on OT Page

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 12, 15, 25, 26, 29) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

(1/2) Year Terms at the following percentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th
65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	33.5% of Hourly Wage Paid Plus Amount Below	33.5% of Hourly Wage Paid Plus Amount Below
1st Term	\$ 20.12	\$ 20.36
2nd Term	21.03	21.28
3rd Term	21.95	22.22
4th Term	22.83	23.12
5th Term	23.76	24.07
6th Term	24.67	25.00
7th Term	25.58	25.93

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter	07/01/2023
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JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour:	07/01/2023
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Piledriver	\$ 59.16 + 9.79*
Dockbuilder	\$ 59.16 + 9.79*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker	\$ 45.34
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OVERTIME PAY

See (B, E2, O) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.

Apprentices See (5,6,11,13,25)

Overtime: See (5,6,11,13,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour

(1)year terms:

1st	2nd	3rd	4th
\$25.60	\$31.20	\$39.58	\$47.97
+ 5.30*	+ 5.30*	+ 5.30*	+ 5.30*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

All Terms: \$ 31.83

8-1556 Db

Carpenter

07/01/2023

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour: 07/01/2023

Carpet/Resilient

Floor Coverer \$ 55.05
+ 8.25*

*This portion is not subject to overtime premiums

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS

Per hour:

\$ 39.45

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18, 19) on HOLIDAY PAGE.

Paid for 1st & 2nd yr.

Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour - (1) year terms:

1st	2nd	3rd	4th
\$ 25.20	\$ 28.20	\$ 32.45	\$ 40.33

+ 1.85* + 2.35* + 2.85* + 3.85*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 15.22	\$ 16.22	\$ 19.32	\$ 20.32

8-2287

Carpenter**07/01/2023**

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Marine Construction:

Marine Diver \$ 74.03
 + 9.79*

Marine Tender \$ 53.57
 + 9.79*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker \$ 45.34

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18, 19) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms.

1st year	\$ 25.60
	+ 5.30*
2nd year	31.20
	+ 5.30*
3rd year	39.58
	+ 5.30*
4th year	47.97
	+ 5.05*

*This portion is not subject to overtime premiums

Supplemental Benefits

Per Hour:

All terms \$ 31.83

8-1456MC

Carpenter**07/01/2023**

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per hour: 07/01/2023

Building
Millwright \$ 58.70
 + 12.62*

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Millwright \$ 44.31

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (18,19) on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$31.74	\$37.19	\$42.64	\$53.54
+ 6.75*	+ 7.92*	+ 9.09*	+ 11.43*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$29.81	\$32.34	\$35.52	\$39.94

8-740.1

Carpenter

07/01/2023

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour:

07/01/2023

Timberman \$ 54.05
 + 10.26*

*This portion not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per Hour:

07/01/2023

\$ 44.55

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.

Apprentices See (5,6,11,13,25)

Overtime: See (5,6,11,13,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

One (1) year terms:

1st	2nd	3rd	4th
\$23.42	\$28.53	\$36.18	\$43.84
+ 5.55*	+ 5.55*	+ 5.55*	+ 5.55*

*This portion is not subject to overtime premiums

Supplemental benefits per hour:

All terms \$ 31.54

8-1556 Tm

Carpenter

07/01/2023

JOB DESCRIPTION Carpenter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES

Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.

Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.

Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour: 07/01/2023

Core Drilling:

Driller \$ 43.88
+ 2.50*

Driller Helper \$ 34.47
+ 2.50*

Note: Hazardous Waste Pay Differential:

For Level C, an additional 15% above wage rate per hour

For Level B, an additional 15% above wage rate per hour

For Level A, an additional 15% above wage rate per hour

Note: When required to work on water: an additional \$ 3.00 per hour.

*This portion is not subject to overtime premiums

SUPPLEMENTAL BENEFITS

Per hour:

Driller and Helper \$ 28.85

OVERTIME PAY

See (B, G, P) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

8-1536-CoreDriller

Carpenter - Building / Heavy&Highway

07/01/2023

JOB DESCRIPTION Carpenter - Building / Heavy&Highway

DISTRICT 11

ENTIRE COUNTIES

Putnam, Rockland, Westchester

WAGES

WAGES:(per hour)

Applies to CAPRENTER BUILDING/HEAVY & HIGHWAY/TUNNEL:

	07/01/2023	07/01/2024 Additional	07/01/2025 Additional	07/01/2026 Additional
Base Wage	\$ 39.80 +\$6.71*	\$ 1.25**	\$ 1.25**	\$ 1.25**

*For all hours paid straight or premium.

**To be allocated at a later date.

SHIFT DIFFERENTIAL: When it is mandated by a Government Agency irregular or off shift can be worked. The Carpenter shall receive an additional fifteen percent (15%) of wage plus applicable benefits.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 33.22

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

BUILDING:

Paid: See (1) on HOLIDAY PAGE.

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE.

- Holidays that fall on Sunday will be observed Monday.

HEAVY&HIGHWAY/TUNNEL:

Paid: See (5, 6, 25) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

- Holidays that fall on Sunday will be observed Monday

- Must be employed during the five (5) work days immediately preceding a holiday or during the five (5) work days following the paid holiday to receive holiday pay

- If Employee is entitled to a paid holiday, the Employee is paid the Holiday wage and supplemental benefits whether they work or not. If Employee works the Holiday, the Employee will receive holiday pay (including supplemental benefits), plus the applicable premium wage for working the Holiday. If Employee works in excess of 8 hours on Holiday, then benefits will be paid for any hours in excess of 8 hours.

REGISTERED APPRENTICES

1 year terms at the following wage rates:

1st	2nd	3rd	4th	5th
\$ 19.90	\$ 23.88	\$ 25.87	\$ 27.86	\$ 31.84
+3.58*	+3.58*	+3.58*	+3.58*	+3.58*

*For all hours paid straight or premium

SUPPLEMENTAL BENEFITS per hour:

All terms \$ 16.27

11-279.1B/HH

Electrician

07/01/2023

JOB DESCRIPTION Electrician

DISTRICT 8

ENTIRE COUNTIES

Westchester

WAGES

Per hour: 07/01/2023 04/18/2024 04/17/2025

*Electrician/A-Technician	\$ 55.75	\$ 56.75	\$ 58.75
Teledata	55.75	56.75	58.75

*All new installations of wiring, conduit, junction boxes and light fixtures for projects with a base bid of more than \$325,000. For projects with a base bid of \$325,000 or less, see Maintenance and Repair rates.

Note: On a job where employees are required to work on bridges over navigable waters, transmission towers, light poles, bosun chairs, swinging scaffolds , etc. 40 feet or more above the water or ground or under compressed air, or tunnel projects under construction or where assisted breathing apparatus is required, they will be paid at the rate of time and one-half for such work except on normal pole line or building construction work.

SUPPLEMENTAL BENEFITS

Per hour:			
Journeyworker	\$ 56.26	\$59.39	\$61.09

OVERTIME PAY

See (A, G, *J, P) on OVERTIME PAGE

*NOTE: Emergency work on Sunday and Holidays is at the time and one-half overtime rate.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1) year terms at the following wage rates:

	07/01/2023	04/18/2024	04/17/2025
1st term	\$ 16.00	\$16.00	\$16.00
2nd term	17.00	17.00	17.00
3rd term	19.00	19.00	19.00
4th term	21.00	21.00	21.00

MIJ 1-12 months	26.50	26.50	26.50
MIJ 13-18 months	30.00	30.00	30.00

Supplemental Benefits per hour:

	07/01/2023	04/18/2024	04/17/2025
1st term	\$ 11.63	\$ 12.40	\$ 12.72
2nd term	14.30	15.07	15.89
3rd term	15.62	16.40	17.23
4th term	16.95	17.73	18.57
MIJ 1-12 months	13.92	15.72	15.89
MIJ 13-18 months	14.33	16.17	16.29

8-3/W

Electrician

07/01/2023

JOB DESCRIPTION Electrician

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour: 07/01/2023 03/07/2024

Service Technician \$ 36.40 \$ 37.40

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS

Per hour:
Journeyworker: \$ 21.07 \$ 21.85

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 16, 17, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 17, 25, 26) on HOLIDAY PAGE

9-3H

Electrician

07/01/2023

JOB DESCRIPTION Electrician

DISTRICT 8

ENTIRE COUNTIES

Westchester

WAGES

Per hour	07/01/2023	04/18/2024	04/17/2025
Electrician -M	\$ 30.00	\$ 30.00	\$ 30.00
H - Telephone	30.00	30.00	30.00

All work with a base bid amount of \$325,000 or less. Including repairs and /or replacement of defective electrical and teledata equipment, all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls, and washing and cleaning of foregoing fixtures.

*If the project exceeds \$375,000 due to changes in the scope of work, an Electrician/A Technician must be part of the labor ratio.

SUPPLEMENTAL BENEFITS

	07/01/2023	04/18/2024	04/17/2025
Electrician &			
H - Telephone	\$ 14.33	\$ 16.17	\$ 16.29

OVERTIME PAY

See (B, G, *J, P) on OVERTIME PAGE

*Note: Emergency work on Sunday and Holidays is at the time and one-half overtime rate.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

Elevator Constructor

07/01/2023

JOB DESCRIPTION Elevator Constructor

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES

Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES

Per hour:

07/01/2023

Elevator Constructor \$ 77.49

Modernization &
Service/Repair \$ 60.89

NOTE - The 'Employer Registration' (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per Hour:

Elevator Constructor \$ 45.574

Modernization &
Service/Repairs 44.412

OVERTIME PAY

Constructor See (D, M, T) on OVERTIME PAGE.

Modern/Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY

Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES PER HOUR:

*Note:1st, 2nd, 3rd Terms are based on Average wage of Constructor & Modernization.

Terms 4 thru 9 Based on Journeyman's wage of classification Working in.

6 MONTH TERMS:

1st Term*	2nd & 3rd Term*	4th & 5th Term	6th & 7th Term	8th & 9th Term
50%	50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor

1st Term	\$ 0.00
2nd & 3rd Term	36.024
4th & 5th Term	36.943
6th & 7th Term	38.448
8th & 9th Term	39.953

Modernization &
Service/Repair

1st Term	\$ 0.00
2nd & 3rd Term	35.694
4th & 5th Term	36.525
6th & 7th Term	37.948
8th & 9th Term	39.38

Elevator Constructor**07/01/2023****JOB DESCRIPTION** Elevator Constructor**DISTRICT 1****ENTIRE COUNTIES**

Columbia, Dutchess, Greene, Orange, Putnam, Sullivan, Ulster

PARTIAL COUNTIES

Delaware: Towns of Andes, Bovina, Colchester, Davenport, Delhi, Harpersfield, Hemdon, Kortright, Meredith, Middletown, Roxbury, Hancock & Stamford

Rockland: Only the Township of Stony Point.

Westchester: Only the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES

Per Hour	07/01/2023	01/01/2024
Mechanic	\$ 67.35	\$ 70.15
Helper	70% of Mechanic Wage Rate	70% of Mechanic Wage Rate

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per hour	07/01/2023	01/01/2024
Journeyman/Helper	\$ 37.335*	\$ 37.885*

(*)Plus 6% of regular hourly if less than 5 years of service. Plus 8% of regular hourly rate if more than 5 years of service.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 15, 16) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 16) on HOLIDAY PAGE

Note: When a paid holiday falls on Saturday, it shall be observed on Friday. When a paid holiday falls on Sunday, it shall be observed on Monday.

REGISTERED APPRENTICES

Wages per hour:

0-6 mo*	6-12 mo	2nd yr	3rd yr	4th yr
50 %	55 %	65 %	70 %	80 %

(*)Plus 6% of the hourly rate, no additional supplemental benefits.

Supplemental Benefits per hour worked:

Same as Journeyman/Helper

1-138

Glazier**07/01/2023****JOB DESCRIPTION** Glazier**DISTRICT 8****ENTIRE COUNTIES**

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per hour:	7/01/2023
Glazier & Glass Tinting	\$ 61.64
*Scaffolding	65.64
Window Film	
**Repair & Maintenance	30.76

*Scaffolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 30' or more, but not pipe scaffolding.

****Repair & Maintenance-** All repair & maintenance work on a particular building whenever performed, where the total cumulative Repair & Maintenance contract value is under \$184,000.

SUPPLEMENTAL BENEFITS

Per hour: 7/01/2023

Glazier & Glass Tinting \$ 40.20

Window Film
Repair & Maintenance 23.19

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

For 'Repair & Maintenance' see (B, B2, I, S) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE

For 'Repair & Maintenance'

Paid: See(5, 6, 16, 25)

Overtime: See(5, 6, 16, 25)

REGISTERED APPRENTICES

Wage per hour:

(1) year terms at the following wage rates:

7/01/2023

1st term \$ 21.93

2nd term 30.05

3rd term 39.95

4th term 48.97

Supplemental Benefits:

(Per hour)

1st term \$ 18.25

2nd term 25.97

3rd term 31.27

4th term 34.32

8-1087 (DC9 NYC)

Insulator - Heat & Frost

07/01/2023

JOB DESCRIPTION Insulator - Heat & Frost

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Westchester

WAGES

Per hour: 07/01/2023 06/01/2024

Insulator \$ 59.25 + \$ 2.50

Discomfort &
Additional Training** 62.31 + \$ 2.50

Fire Stop Work* 31.77 + \$ 2.50

* Applies on all exclusive Fire Stop Work (When contract is for Fire Stop work only). No apprentices on these contracts only.

**Applies to work requiring; garb or equipment worn against the body not customarily worn by insulators; psychological evaluation ;special training, including but not limited to "Yellow Badge" radiation training

Note: Additional \$0.50 per hour for work 30 feet or more above floor or ground level.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 37.35

Discomfort &
Additional Training 39.39
Fire Stop Work:
Journeyworker 19.03

OVERTIME PAY

See (B, E, E2, Q, *T) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Note: Last working day preceding Christmas and New Years day, workers shall work no later than 12:00 noon and shall receive 8 hrs pay.

Overtime: See (2*, 4, 6, 16, 25) on HOLIDAY PAGE.

*Note: Labor Day triple time if worked.

REGISTERED APPRENTICES

(1) year terms:

Insulator Apprentices:

1st	2nd	3rd	4th
\$ 31.77	\$ 37.26	\$ 42.76	\$ 48.26

Discomfort & Additional Training Apprentices:

1st	2nd	3rd	4th
\$ 33.30	\$ 39.09	\$ 44.90	\$ 50.71

Supplemental Benefits paid per hour:

Insulator Apprentices:

1st term	\$ 19.03
2nd term	22.69
3rd term	26.36
4th term	30.03

Discomfort & Additional Training Apprentices:

1st term	\$ 20.06
2nd term	23.92
3rd term	27.78
4th term	31.66

8-91

Ironworker

07/01/2023

JOB DESCRIPTION Ironworker

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour:	07/01/2023	01/01/2024
		Additional
Stone Derrickmen Rigger	\$ 72.90	+ \$ 1.64
Stone Handset Derrickman	70.47	+ \$ 1.11

SUPPLEMENTAL BENEFITS

Per hour:

Stone Derrickmen Rigger	\$ 43.10
Stone Handset Derrickman	42.84

OVERTIME PAY

See (B, D1, *E, Q, **V) on OVERTIME PAGE

*Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

** Benefits same premium as wages on Holidays only

HOLIDAY

Paid: See (18) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 25) on HOLIDAY PAGE

Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES

Wage per hour:

Stone Derrickmen Rigger:

	1st	2nd	3rd	4th
07/01/2023	\$ 35.90	\$ 51.53	\$ 57.32	\$ 63.11

Supplemental Benefits:

Per hour:

07/01/2023	22.11	32.58	32.58	32.58
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Stone Handset:

1/2 year terms at the following hourly wage rate:

	1st	2nd	3rd	4th
07/01/2023	34.56	49.75	55.33	60.90

Supplemental Benefits:

Per hour:

07/01/2023	22.10	32.46	32.46	32.46
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9-197D/R

Ironworker

07/01/2023

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Ornamental	\$ 46.90
Chain Link Fence	46.90
Guide Rail	46.90

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker: \$ 63.04

OVERTIME PAY

See (B, B1, Q, V) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Apprentices Hired after 9/1/18:

1 year terms

	07/01/2023
1st Term	\$ 21.13
2nd Term	24.77
3rd Term	28.40
4th Term	32.06

Supplemental Benefits per hour:

1st Term	\$ 17.90
2nd Term	19.15
3rd Term	20.41
4th Term	21.67

4-580-Or

Ironworker

07/01/2023

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

PER HOUR:

	07/01/2023	01/01/2024	07/01/2024
Ironworker:		Additional	Additional
Structural	\$ 57.20	\$ 1.75/Hr.*	\$ 1.75/Hr.*
Bridges			
Machinery			

(*)To be allocated at a later date.

SUPPLEMENTAL BENEFITS

PER HOUR PAID:

Journeyman \$ 87.35

OVERTIME PAY

See (B, B1, Q, *V) on OVERTIME PAGE

*NOTE: Benefits are calculated for every hour paid

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES PER HOUR:

6 month terms at the following rate:

1st	\$ 29.73
2nd	30.33
3rd - 6th	30.94

Supplemental Benefits

PER HOUR PAID:

All Terms \$ 60.69

4-40/361-Str

Ironworker

07/01/2023

JOB DESCRIPTION Ironworker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES

Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour: 07/01/2023

Reinforcing &
Metal Lathing \$ 56.95

"Base" Wage \$ 55.20
plus \$ 1.75

"Base" Wage is used to calculate overtime hours only.

SUPPLEMENTAL BENEFITS

Per hour:

Reinforcing &
Metal Lathing \$ 42.72

OVERTIME PAY

See (B, E, Q, *X) on OVERTIME PAGE

*Only \$23.50 per Hour for non worked hours

Supplemental Benefit Premiums for Overtime Hours worked:

Time & One Half \$ 49.47
Double Time \$ 56.22

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 13, *18, **19, 25) on HOLIDAY PAGE

*Note: Work performed after first 4 Hours.

REGISTERED APPRENTICES

(1) year terms at the following wage rates:

1st term	2nd term	3rd term	4th Term
Wage Per Hour: \$ 22.55	\$ 28.38	\$ 34.68	\$ 37.18
"Base" Wage \$ 21.00	\$ 26.80	\$ 33.10	\$ 35.60
plus \$1.55	plus \$1.58	plus \$1.58	plus \$1.58

"Base" Wage is used to calculate overtime hours ONLY.

SUPPLEMENTAL BENEFITS

Per Hour:

1st term	2nd term	3rd term	4th Term
\$ 18.17	\$ 21.34	\$ 22.00	\$ 22.50

4-46Reinf

Laborer - Building

07/01/2023

JOB DESCRIPTION Laborer - Building

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

WAGES

Per hour	07/01/2023	05/01/2024
Laborer	\$ 40.05 plus \$5.45**	+ \$ 2.00
Laborer - Asbestos & Hazardous Materials Removal	\$ 44.50*	+ \$ 2.00

* Abatement/Removal of:

- Lead based or lead containing paint on materials to be repainted is classified as Painter.
- Asbestos containing roofs and roofing material is classified as Roofer.

** This portion is not subject to overtime premium.

NOTE: Upgrade/Material condition work plan for work performed during non-outage under a wage formula of 90% wage/100% fringe benefits at nuclear power plants.

SUPPLEMENTAL BENEFITS

Per hour: 07/01/2023

Journeyworker \$ 30.50

OVERTIME PAY

See (B, E, E2, Q, *V) on OVERTIME PAGE

*Note: For Sundays and Holidays worked benefits are at the same premium as wages.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

LABORER ONLY

Hourly terms at the following wage:

Level A 0-1000	Level B 1001-2000	Level C 2001-3000	Level D 3001-4000
\$ 28.08	\$ 31.90	\$ 35.72	\$ 39.54

Supplemental Benefits per hour:

Apprentices
All terms \$ 23.20

Laborer - Heavy&Highway

07/01/2023

JOB DESCRIPTION Laborer - Heavy&Highway

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

WAGES

****PUTNAM: APPLIES TO ALL HEAVY & HIGHWAY WORK EXCLUDING HIGHWAYS, STREETS, AND BRIDGES****

GROUP I: Blaster, Quarry Master, Curbs/Asphalt Screedman, Pipe Jacking and Boring Operations Operator, Qualified Dead Condition Pipe Fuser (B Mechanic)

GROUP II: Burner, Drillers(jumbo, joy, wagon, air track, hydraulic), Drill Operator, Self Contained Rotary Drill, Curbs, Raker, Bar Person, Concrete Finisher.

GROUP III: Pavement Breakers, Jeepor Operator, Jack Hammer, Pneumatic Tools (all), Gas Driller, Guniting, Railroad Spike Puller, Pipelayer, Chain Saw, Deck winches on scows, Power Buggy Operator, Power Wheelbarrow Operator, Bar Person Helper, Compressed Air lance, Water Jet Lance.

GROUP IV: Concrete Laborers, Asph. Worker, Rock Scaler, Vibrator Oper., Bit Grinder, Air Tamper, Pumps, Epoxy (adhesives, fillers and troweled on), Barco Rammer, Concrete Grinder, Crack Router Operator, Guide Rail-digging holes and placing concrete and demolition when not to be replaced, distribution of materials and tightening of bolts.

GROUP V: Drillers Helpers, Common Laborer, Mason Tenders, Signal Person, Pit Person, Truck Spotter, Powder Person, Landscape/Nursery Person, Dump Person, Temp. Heat.

GROUP VIA: Asbestos/Toxic Waste Laborer-All removal (Roads, Tunnels, Landfills, etc.) Confined space laborer, Bio-remediation, Phyto-remediation, Lead or Hazardous material, Abatement Laborer.

Wages:(per hour) 07/01/2023

GROUP I	\$ 49.55*
GROUP II	48.20*
GROUP III	47.80*
GROUP IV	47.45*
GROUP V	47.10*
GROUP VIA	49.10*
Operator Qualified	
Gas Mechanic(A Mech)	59.55*
Flagperson	40.75*

*NOTE: To calculate overtime premiums, deduct \$0.10 from above wages

SHIFT WORK: A shift premium will be paid on Public Work contracts for off-shift or irregular shift work when mandated by the NYS D.O.T. or other Governmental Agency contracts. Employees shall receive an additional 15% per hour above current rate for all regular and irregular shift work. Premium pay shall be calculated using the 15% per hour differential as base rate.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker:

First 40 Hours	
Per Hour	\$ 26.60
Over 40 Hours	
Per Hour	19.85

OVERTIME PAY

See (B, E, P, R, S) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

NOTE: For Holiday Overtime: 5, 6 - Code 'S' applies
For Holiday Overtime: 8, 15, 25, 26 - Code 'R' applies

REGISTERED APPRENTICES

	1st term	2nd term	3rd term	4th term
	1-1000hrs	1001-2000hrs	2001-3000hrs	3001-4000hrs
07/01/2023	\$ 27.46	\$ 32.41	\$ 37.12	\$ 41.83

Supplemental Benefits per hour:

1st term	\$ 3.85 - After 40 hours: \$ 3.60
2nd term	\$ 3.95 - After 40 hours: 3.60
3rd term	\$ 4.45 - After 40 hours: 4.00
4th term	\$ 5.00 - After 40 hours: 4.50

8-60H/H

Laborer - Tunnel

07/01/2023

JOB DESCRIPTION Laborer - Tunnel

DISTRICT 11

ENTIRE COUNTIES

Columbia, Dutchess, Greene, Orange, Otsego, Putnam, Rockland, Sullivan, Ulster, Westchester

PARTIAL COUNTIES

Chenango: Townships of Columbus, Sherburne and New Berlin.

Delaware: Townships of Andes, Bovina, Middletown, Roxbury, Franklin, Hamden, Stamford, Delhi, Kortright, Harpersfield, Merideth and Davenport.

WAGES

Class 1: All support laborers/sandhogs working above the shaft or tunnel.

Class 2: All laborers/sandhogs working in the shaft or tunnel.

Class 4: Safety Miners

Class 5: Site work related to Shaft/Tunnel

WAGES: (per hour)

	07/01/2023	06/01/2024	06/01/2025
Class 1	\$ 55.55	\$ 57.05	\$ 58.55
Class 2	57.70	59.20	60.70
Class 4	64.10	65.60	67.10
Class 5	47.65	49.90	51.40

Toxic and hazardous waste, lead abatement and asbestos abatement work will be paid an additional \$ 3.00 an hour.

SHIFT DIFFERENTIAL...On all Government mandated irregular shift work:

- Employee shall be paid at time and one half the regular rate Monday through Friday.
- Saturday shall be paid at 1.65 times the regular rate.
- Sunday shall be paid at 2.15 times the regular rate.

SUPPLEMENTAL BENEFITS

Per hour:

Benefit 1	\$ 35.73	\$ 36.98	\$ 38.23
Benefit 2	51.01	TBD	TBD
Benefit 3	71.28	TBD	TBD

Benefit 1 applies to straight time hours, paid holidays not worked.

Benefit 2 applies to over 8 hours in a day (M-F), irregular shift work hours worked, and Saturday hours worked.

Benefit 3 applies to Sunday and Holiday hours worked.

OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 16, 25) on HOLIDAY PAGE

When a recognized Holidays falls on Saturday or Sunday, holidays falling on Saturday shall be recognized or observed on Friday and holidays falling on Sunday shall be recognized or observed on Monday. Employees ordered to work on the Saturday or Sunday of the holiday or on the recognized or the observed Friday or Monday for those holidays falling on Saturday or Sunday shall receive double time the established rate and benefits for the holiday.

REGISTERED APPRENTICES

FOR APPRENTICE RATES, refer to the appropriate Laborer Heavy & Highway wage rate contained in the wage schedule for the County and location where the work is to be performed.

11-17/60/235/754Tun

Lineman Electrician

07/01/2023

JOB DESCRIPTION Lineman Electrician

DISTRICT 6

ENTIRE COUNTIES

Westchester

WAGES

A Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors, assembly of all electrical materials, conduit, pipe or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

A Groundman/Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator equipment/operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

Below rates apply to electrical overhead and underground distribution and maintenance work and overhead and underground transmission line work, electrical substations, switching structures, continuous pipe-type underground fluid or gas filled transmission conduit and cable installations, maintenance jobs or projects, railroad catenary installations and maintenance, third rail installations, the bonding of rails and the installation of fiber optic cable. (Ref #14.04.01)

NOTE: Includes Teledata Work within ten (10) feet of High Voltage Transmission Lines. Also includes digging of holes for poles, anchors, footer, and foundations for electrical equipment.

Per hour:	07/01/2023	05/06/2024
Lineman, Tech, Welder	\$ 60.41	\$ 61.91
Crane, Crawler Backhoe	60.41	61.91
Cable Splicer-Pipe Type	66.45	68.10
Digging Mach Operator	54.37	55.72
Cert. Welder-Pipe Type	63.43	65.01
Tractor Trailer Driver	51.35	52.62
Groundman, Truck Driver	48.33	49.53
Equipment Mechanic	48.33	49.53
Flagman	36.25	37.15

Additional \$1.00 per hour for entire crew when a helicopter is used.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM TO 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM TO 1:00 AM REGULAR RATE PLUS 17.3%
3RD SHIFT	12:30 AM TO 9:00 AM REGULAR RATE PLUS 31.4%

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per hour worked (but also required on non-worked holidays):

	07/01/2023	05/06/2024
Lineman, Technician, or Equipment Operators with Crane License	\$ 29.40 *plus 7% of the hourly wage paid	\$ 30.90 *plus 7% of the hourly wage paid
All other Journeyman	\$ 26.40 *plus 7% of the hourly wage paid	\$ 26.90 *plus 7% of the hourly wage paid

*The 7% is based on the hourly wage paid, straight time or premium time.

OVERTIME PAY

See (B, E, Q,) on OVERTIME PAGE. *Note* Double time for emergency work designated by the Dept of Jurisdiction.
NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked.
Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.
Overtime See (5, 6, 8, 13, 25) on HOLIDAY PAGE plus Governor of NYS Election Day.

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyman Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

07/01/2023	05/06/2024
\$ 26.40	\$ 26.90
*plus 7% of the hourly wage paid	*plus 7% of the hourly wage paid

*The 7% is based on the hourly wage paid, straight time or premium time.

6-1249aWest

Lineman Electrician - Teledata

07/01/2023

JOB DESCRIPTION Lineman Electrician - Teledata

DISTRICT 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per hour:

For outside work, stopping at first point of attachment (demarcation).

	07/01/2023	01/01/2024	01/01/2025
Cable Splicer	\$ 37.73	\$ 39.24	\$ 40.81
Installer, Repairman	\$ 35.81	\$ 37.24	\$ 38.73
Teledata Lineman	\$ 35.81	\$ 37.24	\$ 38.73
Tech., Equip. Operator	\$ 35.81	\$ 37.24	\$ 38.73
Groundman	\$ 18.98	\$ 19.74	\$ 20.53

NOTE: EXCLUDES Teledata work within ten (10) feet of High Voltage (600 volts and over) transmission lines. For this work please see LINEMAN.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED:

1ST SHIFT	REGULAR RATE
2ND SHIFT	REGULAR RATE PLUS 10%
3RD SHIFT	REGULAR RATE PLUS 15%

SUPPLEMENTAL BENEFITS

Per hour:	07/01/2023	01/01/2024	01/01/2025
Journeyman	\$ 5.70	\$ 5.70	\$ 5.70
	*plus 3% of the hourly wage paid	*plus 3% of the hourly wage paid	*plus 3% of the hourly wage paid

*The 3% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked.

Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16) on HOLIDAY PAGE

6-1249LT - Teledata

Lineman Electrician - Traffic Signal, Lighting

07/01/2023

JOB DESCRIPTION Lineman Electrician - Traffic Signal, Lighting

DISTRICT 6

ENTIRE COUNTIES

Westchester

WAGES

Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors which includes, but is not limited to road loop wires; conduit and plastic or other type pipes that carry conductors, flex cables and connectors, and to oversee the encasement or burial of such conduits or pipes.

A Groundman/Groundman Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator/equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

A flagger's duties shall consist of traffic control only.

(Ref #14.01.03)

Per hour:	07/01/2023	05/06/2024
Lineman, Technician	\$ 54.73	\$ 55.95
Crane, Crawler Backhoe	54.73	55.95
Certified Welder	57.47	58.75
Digging Machine	49.26	50.36
Tractor Trailer Driver	46.52	47.56
Groundman, Truck Driver	43.78	44.76
Equipment Mechanic	43.78	44.76
Flagman	32.84	33.57

Above rates are applicable for installation, testing, operation, maintenance and repair on all Traffic Control (Signal) and Illumination (Lighting) projects, Traffic Monitoring Systems, and Road Weather Information Systems. Includes digging of holes for poles, anchors, footer foundations for electrical equipment; assembly of all electrical materials or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM TO 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM TO 1:00 AM REGULAR RATE PLUS 17.3%
3RD SHIFT	12:30 AM TO 9:00 AM REGULAR RATE PLUS 31.4%

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per hour worked (but also required on non-worked holidays):

	07/01/2023	05/06/2024
Lineman, Technician,	\$ 29.40	\$ 30.90

or Equipment Operators with Crane License	*plus 7% of the hourly wage paid	*plus 7% of the hourly wage paid
All other Journeyman	\$ 26.40 *plus 7% of the hourly wage paid	\$ 26.90 *plus 7% of the hourly wage paid

*The 7% is based on the hourly wage paid, straight time or premium time.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE. *Note* Double time for emergency work designated by the Dept. of Jurisdiction.

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid: See (5, 6, 8, 13, 25) on HOLIDAY PAGE and Governor of NYS Election Day.

Overtime: See (5, 6, 8, 13, 25) on HOLIDAY PAGE and Governor of NYS Election Day.

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyman Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

07/01/2023	05/06/2024
\$ 26.40	\$ 26.90
*plus 7% of the hourly wage paid	*plus 7% of the hourly wage paid

*The 7% is based on the hourly wage paid, straight time or premium time.

6-1249aWestLT

Mason - Building

07/01/2023

JOB DESCRIPTION Mason - Building

DISTRICT 11

ENTIRE COUNTIES

Putnam, Rockland, Westchester

PARTIAL COUNTIES

Orange: Only the Township of Tuxedo.

WAGES

Per hour:

07/01/2023

Bricklayer	\$ 45.89
Cement Mason	45.89
Plasterer/Stone Mason	45.89
Pointer/Caulker	45.89

Additional \$1.00 per hour for power saw work

Additional \$0.50 per hour for swing scaffold or staging work

SHIFT WORK: When shift work or an irregular workday is mandated or required by state, federal, county, local or other governmental agency contracts, the following premiums apply:

Irregular workday requires 15% premium

Second shift an additional 15% of wage plus benefits to be paid

Third shift an additional 25% of wage plus benefits to be paid

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 37.95
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OVERTIME PAY

OVERTIME:

Cement Mason See (B, E, Q, W) on OVERTIME PAGE.
All Others See (B, E, Q) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

Whenever any of the above holidays fall on Sunday, they will be observed on Monday. Whenever any of the above holidays fall on Saturday, they will be observed on Friday.

REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following percentage of Journeyman's wage

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Supplemental Benefits per hour

750 hour terms at the following percentage of journeyman supplements

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Apprentices indentured before June 1st, 2011 receive full journeyman benefits

11-5wp-b

Mason - Building

07/01/2023

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Building

	07/01/2023	01/01/2024 Additional
Wages per hour:		
Mosaic & Terrazzo Mechanic	\$ 60.65	\$1.06
Mosaic & Terrazzo Finisher	59.04	

SUPPLEMENTAL BENEFITS

Per hour:

Mosaic & Terrazzo Mechanic	\$ 30.26* + \$9.16
Mosaic & Terrazzo Finisher	\$ 30.26* + \$9.15

*This portion of benefits subject to same premium rate as shown for overtime wages.

OVERTIME PAY

See (A, E, Q) on OVERTIME PAGE
07/01/2023- Deduct \$7.25 from hourly wages before calculating overtime.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

Easter Sunday is an observed holiday. Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES

Wages Per hour:

1st 0- 1500	2nd 1501- 3000	3rd 3001- 3750	4th 3751- 4500	5th 4501- 5250	6th 5251- 6000
\$ 25.82	\$ 33.19	\$ 36.39	\$ 40.38	\$ 48.52	\$ 54.59

Supplemental Benefits per hour:

\$6.00*	\$7.72*	\$18.16*	\$23.27*	\$24.21*	\$27.24*
+\$3.21	+\$4.12	+\$5.50	+\$6.41	+\$7.33	+\$8.29

*This portion of benefits subject to same premium rate as shown for overtime wages.

9-7/3

Mason - Building	07/01/2023
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JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour: 07/01/2023 07/03/2023

Building-Marble Restoration:
Marble, Stone & \$ 47.22 \$ 47.44

Terrazzo Polisher

SUPPLEMENTAL BENEFITS

Per Hour:
Journeyworker:

Building-Marble Restoration:
Marble, Stone &
Polisher \$ 30.29 \$ 30.64

OVERTIME PAY

See (B, *E, Q, V) on OVERTIME PAGE

*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES

WAGES per hour:

900 hour term at the following wage:

1st 1- 900	2nd 901- 1800	3rd 1801- 2700	4th 2701
\$ 33.04	\$ 37.78	\$ 42.49	\$ 47.22

Supplemental Benefits Per Hour:
27.65 28.52 29.41 30.29

07/03/2023

900 hour term at the following wage:

1st 1- 900	2nd 901- 1800	3rd 1801- 2700	4th 2701
\$ 33.19	\$ 37.95	\$ 42.69	\$ 47.44

Supplemental Benefits Per Hour:
27.99 28.86 29.76 30.64

9-7/24-MP

Mason - Building	07/01/2023
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JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:

07/01/2023 7/03/2023

Marble Cutters & Setters

\$ 62.82 \$ 63.12

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker

\$ 39.03 \$ 39.34

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY

Paid:

See (1) on HOLIDAY PAGE

Overtime:

See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage Per Hour:

07/01/2023

750 hour terms at the following wage

1st	2nd	3rd	4th	5th	6th	7th	8th
0- 3000	3001- 3750	3751- 4500	4501- 5250	5251- 6000	6001- 6750	6751- 7500	7500+
\$ 26.42	\$ 39.62	\$ 42.91	\$ 46.22	\$ 49.52	\$ 53.38	\$ 59.67	\$ 62.82

Supplemental Benefits per hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.38	\$ 28.86	\$ 29.74	\$ 30.60	\$ 31.48	\$ 36.44	\$ 38.17	\$ 39.03

07/03/2023

Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th
0- 3000	3001- 3750	3751- 4500	4501- 5250	5251- 6000	6001- 6750	6751- 7500	7500+
\$ 26.60	\$ 39.82	\$ 43.13	\$ 46.45	\$ 49.78	\$ 53.64	\$ 59.95	\$ 63.12

Supplemental Benefits Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.54	\$ 29.09	\$ 29.97	\$ 30.84	\$ 31.72	\$ 36.73	\$ 38.48	\$ 39.34

9-7/4

Mason - Building

07/01/2023

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:

07/01/2023 07/03/2023

Marble, Stone,

Maintenance Finishers:

\$ 27.26 \$ 27.44

Note 1: An additional \$2.00 per hour
for time spent grinding floor using
"60 grit" and below.

Note 2: Flaming equipment operator

shall be paid an additional \$25.00 per day.

SUPPLEMENTAL BENEFITS

Per Hour:

Marble, Stone Maintenance Finishers:	\$ 14.97	\$ 15.20
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OVERTIME PAY

See (B, *E, Q, V) on OVERTIME PAGE

*Double hourly rate after 8 hours on Saturday

HOLIDAY

Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE

1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:

	07/01/2023	07/03/2023
0-750	\$ 21.89	\$ 22.04
751-1500	22.60	\$ 22.75
1501-2250	23.32	\$ 23.48
2251-3000	24.04	\$ 24.20
3001-3750	25.11	\$ 25.27
3751-4500	26.54	\$ 26.72
4501+	27.26	\$ 27.44

Supplemental Benefits:

Per hour:

0-750	12.03	\$ 12.24
751-1500	12.43	\$ 12.64
1501-2250	12.82	\$ 13.03
2251-3000	13.21	\$ 13.42
3001-3750	13.80	\$ 14.02
3751-4500	14.58	\$ 14.80
4501+	14.97	\$ 15.20

9-7/24M-MF

Mason - Building

07/01/2023

JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Nassau, Rockland, Suffolk, Westchester

WAGES

Per hour:	07/01/2023	12/04/2023 Additional	06/05/2024 Additional
Tile Setters	\$ 62.98	\$ 0.72	\$ 0.72

SUPPLEMENTAL BENEFITS

Per Hour:

\$ 25.61*

+ \$10.04

* This portion of benefits subject to same premium rate as shown for overtime wages.

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage per hour:

(750 hour) term at the following wage rate:

Term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
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1- 750	751- 1500	1501- 2250	2251- 3000	3001- 3750	3751- 4500	4501- 5250	5251- 6000	6001- 6750	6501- 7000
07/01/2023 \$21.70	\$26.66	\$33.75	\$38.69	\$42.25	\$45.70	\$49.29	\$54.23	\$57.09	\$61.25

Supplemental Benefits per hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
07/01/2023 \$12.55* +\$.73	\$12.55* +\$.78	\$15.36* +\$.88	\$15.36* +\$.88	\$16.36* +\$1.37	\$17.86* +\$1.42	\$18.86* +\$1.83	\$18.86* +\$1.88	\$16.86* +\$6.03	\$22.11* +\$6.61

* This portion of benefits subject to same premium rate as shown for overtime wages.

9-7/52A

Mason - Building	07/01/2023
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JOB DESCRIPTION Mason - Building

DISTRICT 9

ENTIRE COUNTIES

Nassau, Rockland, Suffolk, Westchester

WAGES

Per hour:	07/01/2023	12/04/2023	06/03/2024
Tile Finisher	\$ 48.36	Additional \$ 0.59	Additional \$ 0.59

SUPPLEMENTAL BENEFITS

Per Hour:	\$ 22.56*
	+ \$9.86

*This portion of benefits subject to same premium rate as shown for overtime wages

OVERTIME PAY

See (B, E, Q, *V) on OVERTIME PAGE

*Work beyond 10 hours on a Saturday shall be paid at double the hourly wage rate.

HOLIDAY

Paid:	See (1) on HOLIDAY PAGE
Overtime:	See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88A-tf

Mason - Building / Heavy&Highway	07/01/2023
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JOB DESCRIPTION Mason - Building / Heavy&Highway

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2023	07/03/2023	01/01/2024
Marble-Finisher	\$ 49.32	\$ 49.65	Additional \$ 0.53

SUPPLEMENTAL BENEFITS

Journeyworker: Per hour	
Marble- Finisher	\$ 36.62
	\$ 36.67

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

Work beyond 8 hours on a Saturday shall be paid at double the rate.

HOLIDAY

Overtime:	See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
When an observed holiday falls on a Sunday, it will be observed the next day.	

9-7/20-MF

Mason - Heavy&Highway	07/01/2023
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JOB DESCRIPTION Mason - Heavy&Highway

DISTRICT 11

ENTIRE COUNTIES

Putnam, Rockland, Westchester

PARTIAL COUNTIES

Orange: Only the Township of Tuxedo.

WAGES

Per hour:

07/01/2023

Bricklayer	\$ 46.39
Cement Mason	46.39
Marble/Stone Mason	46.39
Plasterer	46.39
Pointer/Caulker	46.39

Additional \$1.00 per hour for power saw work

Additional \$0.50 per hour for swing scaffold or staging work

SHIFT WORK: When shift work or an irregular workday is mandated or required by state, federal, county, local or other governmental contracts, the following rates apply:

Irregular workday requires 15% premium

Second shift an additional 15% of wage plus benefits to be paid

Third shift an additional 25% of wage plus benefits to be paid

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 37.95
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OVERTIME PAY

Cement Mason See (B, E, Q, W)

All Others See (B, E, Q,)

HOLIDAY

Paid: See (5, 6, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

- Whenever any of the above holidays fall on Sunday, they will be observed on Monday. Whenever any of the above holidays fall on Saturday, they will be observed on Friday.

- Supplemental Benefits are not paid for paid Holiday

- If Holiday is worked, Supplemental Benefits are paid for hours worked.

- Whenever an Employee works within three (3) calendar days before a holiday, the Employee shall be paid for the Holiday.

REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following percentage of Journeyman's wage

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Supplemental Benefits per hour

750 hour terms at the following percentage of journeyman supplements

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Apprentices indentured before June 1st, 2011 receive full journeyman benefits

11-5WP-H/H

Operating Engineer - Building

07/01/2023

JOB DESCRIPTION Operating Engineer - Building

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

PARTIAL COUNTIES

Dutchess: All the counties of Westchester and Putnam and the southern part of Dutchess County defined by the northern boundary line of the City of Poughkeepsie, then due east to Route 115, then north along Route 115 to Bedell Road, then east along Bedell Road to Van Wagner Road, then north along Van Wagner Road to Bower Road, then east along Bower Road to Route 44 and along Route 44 east to Route 343, then along Route 343 east to the northern boundary of Town of Dover Plains and east along the northern boundary of Town of Dover Plains to the border line of the State of Connecticut and bordered on the west by the middle of the Hudson River.

WAGES

GROUP I:

Cranes (All Types up to 49 tons), Boom Trucks, Cherry Pickers (All Types), Clamshell Crane, Derrick (Stone and Steel), Dragline, Franki Pile Rig or similar, High Lift (Lull or similar) with crane attachment and winch used for hoisting or lifting, Hydraulic Cranes, Pile Drivers, Potain and similar.

Cranes (All types 50-99 tons), Drill Rig Casa Grande (CAT or similar), Franki Pile Rig or similar, Hydraulic Cranes (All types including Crawler Cranes- No specific boom length).

Cranes (All types 100 tons and over), All Tower Cranes, All Climbing Cranes irrespective of manufacturer and regardless of how the same is rigged, Franki Pile Rig or similar, Conventional Cranes (All types including Crawler Cranes-No specific boom length), Hydraulic Cranes.

GROUP I-A: Barber Green Loader-Euclid Loader, Bulldozer, Carrier-Trailer Horse, Concrete Cleaning Decontamination Machine Operator, Concrete-Portable Hoist, Conway or Similar Mucking Machines, Elevator & Cage, Excavators all types, Front End Loaders, Gradall, Shovel, Backhoe, etc.(Crawler or Truck), Heavy Equipment Robotics Operator/Mechanic, Hoist Engineer-Material, Hoist Portable Mobile Unit, Hoist(Single, Double or Triple Drum), Horizontal Directional Drill Locator, Horizontal Directional Drill Operator and Jersey Spreader, Letourneau or Tournapull(Scrapers over 20 yards Struck), Lift Slab Console, etc., Lull HiLift or Similar, Master Environmental Maintenance Mechanics, Mucking Machines Operator/Mechanic or Similar Type, Overhead Crane, Pavement Breaker(Air Ram), Paver(Concrete), Post Hole Digger, Power House Plant, Road Boring Machine, Road Mix Machine, Ross Carrier and Similar Machines, Rubber tire double end backhoes and similar machines, Scoopmobile Tractor-Shovel Over 1.5 yards, Shovel (Tunnels), Spreader (Asphalt) Telephie(Cableway), Tractor Type Demolition Equipment, Trenching Machines-Vermeer Concrete Saw Trencher and Similar, Ultra High Pressure Waterjet Cutting Tool System, Vacuum Blasting Machine operator/mechanic, Winch Truck A Frame.

GROUP I-B: Compressor (Steel Erection), Mechanic (Outside All Types), Negative Air Machine (Asbestos Removal), Push Button (Buzz Box) Elevator.

GROUP II: Compactor Self-Propelled, Concrete Pump, Crane Operator in Training (Over 100 Tons), Grader, Machines Pulling Sheep's Foot Roller, Roller (4 ton and over), Scrapers (20 yards Struck and Under), Vibratory Rollers, Welder.

GROUP III-A: Asphalt Plant, Concrete Mixing Plants, Forklift (All power sources), Joy Drill or similar, Tractor Drilling Machine, Loader (1 1/2 yards and under), Portable Asphalt Plant, Portable Batch Plant, Portable Crusher, Skid Steer (Bobcat or similar), Stone Crusher, Well Drilling Machine, Well Point System.

GROUP III-B: Compressor Over 125 cu. Feet, Conveyor Belt Machine regardless of size, Compressor Plant, Ladder Hoist, Stud Machine.

GROUP IV-A: Batch Plant, Concrete Breaker, Concrete Spreader, Curb Cutter Machine, Finishing Machine-Concrete, Fine Grading Machine, Hepa Vac Clean Air Machine, Material Hopper(sand, stone, cement), Mulching Grass Spreader, Pump Gypsum etc, Pump-Plaster-Grout-Fireproofing. Roller(Under 4 Ton),Spreading and Fine Grading Machine, Steel Cutting Machine, Siphon Pump, Tar Joint Machine, Television Cameras for Water, Sewer, Gas etc. Turbo Jet Burner or Similar Equipment, Vibrator (1 to 5).

GROUP IV-B: Compressor (all types), Heater (All Types), Fire Watchman, Lighting Unit (Portable & Generator) Pump, Pump Station(Water, Sewer, Portable, Temporary), Welding Machine (Steel Erection & Excavation).

GROUP V: Mechanics Helper, Motorized Roller (walk behind), Stock Attendant, Welder's Helper, Maintenance Engineer Crane(75 ton and over).

Group VI-A: Welder Certified

GROUP VI-B: Utility Man, Warehouse Man.

WAGES: (per hour)

	07/01/2023	03/04/2024
GROUP I		
Cranes- up to 49 tons	\$ 66.23	\$ 67.43
Cranes- 50 tons to 99 tons	68.53	69.77
Cranes- 100 tons and over	78.21	79.64
GROUP I-A	58.01	59.04
GROUP I-B	53.48	54.41
GROUP II	55.98	56.97
GROUP III-A	53.94	54.88
GROUP III-B	51.35	52.25
GROUP IV-A	53.40	54.33
GROUP IV-B	45.17	45.94
GROUP V	48.69	49.53
Group VI-A	56.96	57.96
GROUP VI-B		
Utility Man	46.21	47.00
Warehouse Man	48.52	49.26

An additional 20% to wage when required to wear protective equipment on hazardous/toxic waste projects.
Engineers operating cranes with booms 100 feet but less than 149 feet in length will be paid an additional \$2.00 per hour.
Engineers operating cranes with booms 149 feet or over in length will be paid an additional \$3.00 per hour.
Loader operators over 5 cubic yard capacity additional .50 per hour.
Shovel operators over 4 cubic yard capacity additional \$1.00 per hour.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker	\$ 31.57	\$ 32.32
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OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY

Paid:	See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE
Overtime:	See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

8-137B

Operating Engineer - Building

07/01/2023

JOB DESCRIPTION Operating Engineer - Building

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES

Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES

NOTE: Construction surveying

Party Chief--One who directs a survey party

Instrument Man--One who runs the instrument and assists Party Chief.

Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour) 07/01/2023

Building Construction:

Party Chief	\$ 77.39
Instrument Man	61.25
Rodman	41.39

Steel Erection:

Party Chief	80.16
Instrument Man	63.60
Rodman	44.23

Heavy Construction-NYC counties only:
(Foundation, Excavation.)

Party Chief	85.74
Instrument man	64.40
Rodman	54.90

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Building Construction	\$ 28.04* +\$ 7.65
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Steel Erection	28.64* +\$ 7.65
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Heavy Construction	28.85* +\$ 7.64
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* This portion subject to same premium as wages

Non-Worked Holiday Supplemental Benefit:

21.19

OVERTIME PAY

See (A, B, E, Q) on OVERTIME PAGE

Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.

Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY

Paid: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 9, 11, 15, 16, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Heavy&Highway

07/01/2023

JOB DESCRIPTION Operating Engineer - Heavy&Highway

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

PARTIAL COUNTIES

Dutchess: All the counties of Westchester and Putnam and the southern part of Dutchess County defined by the northern boundary line of the City of Poughkeepsie, then due east to Route 115, then north along Route 115 to Bedell Road, then east along Bedell Road to Van Wagner Road, then north along Van Wagner Road to Bower Road, then east along Bower Road to Route 44 and along Route 44 east to Route 343, then along Route 343 east to the northern boundary of Town of Dover Plains and east along the northern boundary of Town of Dover Plains to the border line of the State of Connecticut and bordered on the west by the middle of the Hudson River.

WAGES

GROUP I: Boom Truck, Cherry Picker, Clamshell, Crane, (Crawler, Truck), Dragline, Drill Rig (Casa Grande, Cat, or Similar), Floating Crane (Crane on Barges) under 100 tons, Gin Pole, Hoist Engineer-Concrete (Crane-Derrick-Mine Hoist), Knuckle Boom Crane, Rough Terrain Crane.

GROUP I-A: Auger (Truck or Truck Mounted), Boat Captain, Bulldozer-All Sizes, Central Mix Plant Operator, Chipper (all types), Close Circuit T.V., Combination Loader/Backhoe, Compactor with Blade, Concrete Finishing Machine, Gradall, Grader (Motor Grader), Elevator & Cage (Materials or Passenger), Excavator (and all attachments), Front End Loaders (1 1/2 yards and over), High Lift Lull and similar, Hoist (Single, Double, Triple Drum), Hoist Portable Mobile Unit, Hoist Engineer (Material), Jack and Bore Machine, Log Skidders, Mill Machines, Mucking Machines, Overhead Crane, Paver (concrete), Post Pounder (of any type), Push Cats, Road Reclaimer, Robot Hammer (Brokk or similar), Robotic Equipment (Scope of Engineer Schedule), Ross Carrier and similar, Scrapers (20 yard struck and over), Side Boom, Slip Form Machine, Spreader (Asphalt), Trenching Machines (Telephies-Vermeer Concrete Saw), Tractor Type Demolition Equipment, Vacuum Truck. Vibratory Roller(Riding) or Roller used in mainline paving operations.

GROUP I-B: Asphalt Mobile Conveyor/Transfer Machine, Road Paver (Asphalt).

GROUP II-A: Ballast Regulators, Compactor Self Propelled, Fusion Machine, Rail Anchor Machines, Roller (4 ton and over), Scrapers (20 yard struck and under).

GROUP II-B: Mechanic (Outside) All Types, Shop Mechanic.

GROUP III: Air Tractor Drill, Asphalt Plant, Batch Plant, Boiler (High Pressure), Concrete Breaker (Track or Rubber Tire), Concrete Pump, Concrete Spreader, Excavator Drill, Farm Tractor, Forklift (all types), Gas Tapping (Live), Hydroseeder, Loader (1 1/2 yards and under), Locomotive (all sizes), Machine Pulling Sheeps Foot Roller, Portable Asphalt Plant, Portable Batch Plant, Portable Crusher (Apprentice), Powerhouse Plant, Roller (under 4 ton), Sheer Excavator, Skid Steer/Bobcat, Stone Crusher, Sweeper (with seat), Well Drilling Machine.

GROUP IV: Service Person (Grease Truck), Deckhand.

GROUP IV-B: Conveyor Belt Machine (Truck Mounted), Heater (all types), Lighting Unit (Portable), Maintenance Engineer (For Crane Only), Mechanics Helper, Pump (Fireproofing), Pumps-Pump Station/Water/Sewer/Gypsum/Plaster, etc., Pump Truck (Sewer Jet or Similar), Welders Helper, Welding Machine (Steel Erection), Well Point System.

GROUP V: All Tower Cranes-All Climbing Cranes and all cranes of 100-ton capacity or greater (3900 Manitowac or similar) irrespective of manufacturer and regardless of how the same is rigged, Hoist Engineer (Steel), Engineer-Pile Driver, Jersey Spreader, Pavement Breaker/Post Hole Digger.

WAGES: Per hour:	07/01/2023	03/04/2024
Group I	\$ 67.27	\$ 68.63
Group I-A	59.26	60.42
Group I-B	62.46	63.70
Group II-A	56.74	57.84
Group II-B	58.52	59.67
Group III	55.74	56.81
Group IV	50.63	51.57
Group IV-B	43.43	44.19
Group V		

Engineer All Tower, Climbing and Cranes of 100 Tons	76.24	77.82
Hoist Engineer(Steel)	69.01	70.41
Engineer(Pile Driver)	73.61	75.13
Jersey Spreader, Pavement Breaker (Air Ram)Post Hole Digger	58.06	59.19

SHIFT DIFFERENTIAL:

A 15% premium on all hours paid, including overtime hours for 2nd, 3rd shifts
on all government mandated off-shift work

Engineers operating cranes with booms 100 feet but less than 149 feet in length will be paid an additional \$2.00 per hour over the rate listed in the Wage Schedule. Engineers operating cranes with booms 149 feet or over in length will be paid an additional \$3.00 per hour over the rate listed in the Wage Schedule. Loader and Excavator Operators: over 5 cubic yards capacity \$0.50 per hour over the rate listed in the Wage Schedule. Shovel Operators: over 4 cubic yards capacity \$1.00 per hour over the rate listed in the Wage Schedule.

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday; Friday may be used as a make-up day.

NOTE - In order to use the 4 Day/10 Hour Work schedule Registration for Use of 4 Day/10 Hour Work Schedule, form PW30.1; and there must be a dispensation of hours in place on the project. If the PW30.1 is not submitted you may be liable for overtime payments for work over 8 hours per day.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker:	\$ 33.75 up to 40 Hours	\$ 34.85 up to 40 hours
	After 40 hours \$ 24.50* PLUS \$ 1.25 on all hours worked	After 40 hours \$ 25.55* PLUS \$ 1.25 on all hours worked

*This amount is subject to premium

OVERTIME PAY

See (B, E, P, *R, **U) on OVERTIME PAGE

HOLIDAY

Paid:..... See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

Overtime..... See (5, 6, 8, 15, 25, 26) on OVERTIME PAGE

* For Holiday codes 8,15,25,26 code R applies

** For Holiday Codes 5 & 6 code U applies

Note: If employees are required to work on Easter Sunday they shall be paid at the rate of triple time.

REGISTERED APPRENTICES

(1)year terms at the following rate.

1st term	\$ 29.63	\$ 30.21
2nd term	35.56	36.25
3rd term	41.48	42.30
4th term	47.41	48.34
Supplemental Benefits per hour:		
	25.70	26.85

8-137HH

Operating Engineer - Heavy&Highway

07/01/2023

JOB DESCRIPTION Operating Engineer - Heavy&Highway

DISTRICT 9

ENTIRE COUNTIES

Putnam, Westchester

PARTIAL COUNTIES

Dutchess: South of the North city line of Poughkeepsie

WAGES

Party Chief - One who directs a survey party

Instrument Man - One who runs the instrument and assists Party Chief

Rodman - One who holds the rod and in general, assists the Survey Crew
Categories cover GPS & Underground Surveying

Per Hour: 07/01/2023

Party Chief	\$ 81.72
Instrument Man	61.43
Rodman	52.40

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

All Categories
Straight Time: \$ 25.25* + \$7.64

Premium:
Time & 1/2 \$ 37.88* + \$7.64

Double Time \$ 50.50* + \$7.64

Non-Worked Holiday Supplemental Benefits:
\$ 21.19

OVERTIME PAY

See (B, *E, Q) on OVERTIME PAGE

* Doubletime paid on all hours in excess of 8 hours on Saturday

HOLIDAY

Paid: See (5, 6, 7, 11, 12) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 12) on HOLIDAY PAGE

9-15Dh

Operating Engineer - Heavy&Highway - Tunnel

07/01/2023

JOB DESCRIPTION Operating Engineer - Heavy&Highway - Tunnel

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

PARTIAL COUNTIES

Dutchess: All the counties of Westchester and Putnam and the southern part of Dutchess County defined by the northern boundary line of the City of Poughkeepsie, then due east to Route 115, then north along Route 115 to Bedell Road, then east along Bedell Road to Van Wagner Road, then north along Van Wagner Road to Bower Road, then east along Bower Road to Route 44 and along Route 44 east to Route 343, then along Route 343 east to the northern boundary of Town of Dover Plains and east along the northern boundary of Town of Dover Plains to the border line of the State of Connecticut and bordered on the west by the middle of the Hudson River.

WAGES

GROUP I: Boom Truck, Cherry Picker, Clamshell, Crane(Crawler, Truck), Dragline, Drill Rig Casa Grande(Cat or Similar), Floating Crane(Crane on Barge-Under 100 Tons), Hoist Engineer(Concrete/Crane-Derrick-Mine Hoist), Knuckle Boom Crane, Rough Terrain Crane.

GROUP I-A: Auger(Truck or Truck Mounted), Boat Captain, Bull Dozer-all sizes, Central Mix Plant Operator, Chipper-all types, Close Circuit T.V., Combination Loader/Backhoe, Compactor with Blade, Concrete Finishing Machine, Gradall, Grader(Motor Grader), Elevator & Cage(Materials or Passengers), Excavator(and all attachments), Front End Loaders(1 1/2 yards and over), High Lift Lull, Hoist(Single, Double, Triple Drum), Hoist Portable Mobile Unit, Hoist Engineer(Material), Jack and Bore Machine, Log Skidder, Milling Machine, Moveable Concrete Barrier Transfer & Transport Vehicle, Mucking Machines. Overhead Crane, Paver(Concrete), Post Pounder of any type, Push Cats, Road Reclaimer, Robot Hammer(Brokk or similar), Robotic Equipment(Scope of Engineer Schedule), Ross Carrier and similar machines, Scrapers(20 yards struck and over), Side Boom, Slip Form Machine, Spreader(Asphalt), Trenching Machines, Telephies-Vermeer Concrete Saw, Tractor type demolition equipment, Vacuum Truck, Vibratory Roller (Riding) used in mainline paving operations.

GROUP I-B: Asphalt Mobile Conveyor/Transfer Machine, Road Paver(Asphalt).

GROUP II-A: Ballast Regulators, Compactor(Self-propelled), Fusion Machine, Rail Anchor Machines, Roller(4 ton and over), Scrapers(20 yard struck and under).

GROUP II-B: Mechanic(outside)all types, Shop Mechanic.

GROUP III: Air Tractor Drill, Asphalt Plant, Batch Plant, Boiler(High Pressure), Concrete Breaker(Track or Rubber Tire), Concrete Pump, Concrete Spreader, Excavator Drill, Farm Tractor, Forklift(all types of power), Gas Tapping(Live), Hydroseeder, Loader(1 1/2 yards and under), Locomotive(all sizes), Machine Pulling Sheeps Foot Roller, Portable Asphalt Plant, Portable Batch Plant, Portable Crusher(Apprentice), Powerhouse Plant, Roller(under 4 ton), Sheer Excavator, Skidsteer/Bobcat, Stone Crusher, Sweeper(with seat), Well Drilling Machine.

GROUP IV-A: Service Person(Grease Truck), Deckhand.

GROUP IV-B: Conveyor Belt Machine(Truck Mounted), Heater(all types), Lighting Unit(Portable), Maintenance Engineer(for Crane only), Mechanics Helper, Pump(Fireproofing), Pumps-Pump Station/Water/Sewer/Gypsum/Plaster, etc., Pump Truck(Sewer Jet or similar), Welding Machine(Steel Erection), Welders Helper.

GROUP V-A: Engineer(all Tower Cranes, all Climbing Cranes & all Cranes of 100 ton capacity or greater),Hoist Engineer(Steel-Sub Structure), Engineer-Pile Driver, Jersey-Spreader, Pavement breaker, Post Hole Digger

WAGES: (per hour)

	07/01/2023	03/04/2024
GROUP I	\$ 67.27	\$ 68.63
GROUP I-A	59.26	60.42
GROUP I-B	62.46	63.70
GROUP II-A	56.74	57.84
GROUP II-B	58.52	59.67
GROUP III	55.74	56.81
GROUP IV-A	50.63	51.57
GROUP IV-B	43.43	44.19
GROUP V-A		
Engineer-Cranes	76.24	77.82
Engineer-Pile Driver	73.61	75.13
Hoist Engineer	69.01	70.41
Jersey Spreader/Post Hole Digger	58.06	59.19

SHIFT DIFFERENTIAL:

A 15% premium on all hours paid, including overtime hours for 2nd, 3rd shifts
on all government mandated off-shift work

An additional 20% to wage when required to wear protective equipment on hazardous/toxic waste projects. Operators required to use two buckets pouring concrete on other than road pavement shall receive \$0.50 per hour over scale. Engineers operating cranes with booms 100 feet but less than 149 feet in length will be paid an additional \$2.00 per hour. Engineers operating cranes with booms 149 feet or over in length will be paid an additional \$3.00 per hour. Operators of shovels with a capacity over (4) cubic yards shall be paid an additional \$1.00 per hour. Operators of loaders with a capacity over (5) cubic yards shall be paid an additional \$0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker:

\$ 33.75 up to 40 hours	\$ 34.85 up to 40 hours
After 40 hours	After 40 hours
\$24.50 plus	\$25.55 plus
\$1.25 on all hours worked	\$1.25 on all hours worked

OVERTIME PAY

See (D, O, *U, V) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 25, 26) on HOLIDAY PAGE

* Note: For Holiday codes 5 & 6, code U applies. For Holiday codes 8, 15, 25, 26, code R applies.

Note: If employees are required to work on Easter Sunday, they shall be paid at the rate of triple time.

REGISTERED APPRENTICES

(1)year terms at the following rates:

1st term	\$ 29.63	\$ 30.21
2nd term	35.56	36.25
3rd term	41.48	42.30
4th term	47.41	48.34

Supplemental Benefits per hour:

All terms	\$ 25.70	\$ 26.85
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8-137Tun

JOB DESCRIPTION Operating Engineer - Marine Dredging

DISTRICT 4

ENTIRE COUNTIES

Albany, Bronx, Cayuga, Clinton, Columbia, Dutchess, Essex, Franklin, Greene, Jefferson, Kings, Monroe, Nassau, New York, Orange, Oswego, Putnam, Queens, Rensselaer, Richmond, Rockland, St. Lawrence, Suffolk, Ulster, Washington, Wayne, Westchester

WAGES

These wages do not apply to Operating Engineers on land based construction projects. For those projects, please see the Operating Engineer Heavy/Highway Rates. The wage rates below for all equipment and operators are only for marine dredging work in navigable waters found in the counties listed above.

Per Hour:	07/01/2023	10/01/2023
CLASS A1 Deck Captain, Leverman Mechanical Dredge Operator Licensed Tug Operator 1000HP or more.	\$ 43.94	\$ 45.26
CLASS A2 Crane Operator (360 swing)	39.16	40.33
CLASS B Dozer, Front Loader Operator on Land	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B1 Derrick Operator (180 swing) Spider/Spill Barge Operator Operator II, Fill Placer, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer Licensed Boat, Crew Boat Operator	38.00	39.14
CLASS B2 Certified Welder	35.77	36.84
CLASS C1 Drag Barge Operator, Steward, Mate, Assistant Fill Placer	34.79	35.83
CLASS C2 Boat Operator	33.67	34.68
CLASS D Shoreman, Deckhand, Oiler, Rodman, Scowman, Cook, Messman, Porter/Janitor	27.97	28.81

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

All Classes A & B	\$ 11.85 plus 6% of straight time wage, Overtime hours add \$ 0.63	\$ 12.00 plus 6% of straight time wage, Overtime hours add \$ 0.63
All Class C	\$ 11.60 plus 6% of straight time wage, Overtime hours add \$ 0.50	\$ 11.75 plus 6% of straight time wage, Overtime hours add \$ 0.50
All Class D	\$ 11.35 plus 6% of straight time	\$ 11.60 plus 6% of straight time

wage, Overtime hours
add \$ 0.38

wage, Overtime hours
add \$ 0.50

OVERTIME PAY

See (B2, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarDredge

Operating Engineer - Survey Crew - Consulting Engineer

07/01/2023

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer

DISTRICT 9

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES

Dutchess: That part in Dutchess County lying South of the North City line of Poughkeepsie.

WAGES

Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: 07/01/2023
Survey Classifications

Party Chief \$ 47.15
Instrument Man 39.30
Rodman 34.35

SUPPLEMENTAL BENEFITS

Per Hour:

All Crew Members: \$ 23.15

OVERTIME PAY

OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.

*Double-time paid on the 9th hour on Saturday.

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter

07/01/2023

JOB DESCRIPTION Painter

DISTRICT 8

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour: 07/01/2023

Brush \$ 51.70*

Abatement/Removal of lead based
or lead containing paint on
materials to be repainted. 51.70*

Spray & Scaffold \$ 54.70*
Fire Escape 54.70*
Decorator 54.70*
Paperhanger/Wall Coverer 54.48*

*Subtract \$ 0.10 to calculate premium rate.

SUPPLEMENTAL BENEFITS

Per hour:

Paperhanger \$ 34.60
All others 32.73
Premium 36.70**

**Applies only to "All others" category, not paperhanger journeyworker.

OVERTIME PAY

See (A, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

One (1) year terms at the following wage rate.

Per hour:	07/01/2023
Appr 1st term...	\$ 19.95*
Appr 2nd term...	25.56*
Appr 3rd term...	31.05*
Appr 4th term...	41.62*

*Subtract \$ 0.10 to calculate premium rate.

Supplemental benefits:

Per Hour:	
Appr 1st term...	\$ 16.06
Appr 2nd term...	19.95
Appr 3rd term...	23.02
Appr 4th term...	29.16

8-NYDC9-B/S

Painter

07/01/2023

JOB DESCRIPTION Painter

DISTRICT 8

ENTIRE COUNTIES

Putnam, Suffolk, Westchester

PARTIAL COUNTIES

Nassau: All of Nassau except the areas described below: Atlantic Beach, Ceaderhurst, East Rockaway, Gibson, Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on the South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave., Rockville Centre is the boundary line up to Lawson Blvd. turn right going west all the above territory. Starting at Union Turnpike and Lakeville Rd. going north to Northern Blvd. the west side of Lakeville road to Northern blvd. At Northern blvd. going east the district north of Northern blvd. to Port Washington Blvd. West of Port Washington blvd.to St.Francis Hospital then north of first traffic light to Port Washington and Sands Point, Manor HAVen, Harbour Acres.

WAGES

Per hour:	07/01/2023
Drywall Taper	\$ 51.45*

*Subtract \$ 0.10 to calculate premium rate.

SUPPLEMENTAL BENEFITS

Per hour:	
Journeyman	\$ 30.88

OVERTIME PAY

See (A, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages - Per Hour:

1500 hour terms at the following wage rate:

1st term	\$ 19.95*
2nd term	25.56*
3rd term	31.00*
4th term	41.52*

*Subtract \$ 0.10 to calculate premium rate.

Supplemental Benefits - Per hour:

One year term (1500 hours) at the following dollar amount.

1st year	\$ 15.22
2nd year	18.90
3rd year	21.81
4th year	27.58

8-NYDCT9-DWT

Painter - Bridge & Structural Steel

07/01/2023

JOB DESCRIPTION Painter - Bridge & Structural Steel

DISTRICT 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES

Per Hour:

STEEL:

Bridge Painting:	07/01/2023	10/01/2023
	\$ 54.50	+ 3.10
	+ 10.10*	

ADDITIONAL \$6.50 per hour for POWER TOOL/SPRAY, whether straight time or overtime.

NOTE: All premium wages are to be calculated on base rate per hour only.

* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SHIFT WORK:

When directly specified in public agency or authority contract documents for an employer to work a second shift and works the second shift with employees other than from the first shift, all employees who work the second shift will be paid 10% of the base wage shift differential in lieu of overtime for the first eight (8) hours worked after which the employees shall be paid at time and one half of the regular wage rate. When a single irregular work shift is mandated in the job specifications or by the contracting agency, wages shall be paid at time and one half for single shifts between the hours of 3pm-11pm or 11pm-7am.

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker:

\$ 11.78
+ 30.85*

* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wage - Per hour:

Apprentices: (1) year terms

1st year	\$ 21.80 + 4.04
2nd year	\$ 32.70 + 6.06
3rd year	\$ 43.60 + 8.08

Supplemental Benefits - Per hour:

1st year	\$.90 + 12.34
2nd year	\$ 7.07 + 18.51
3rd year	\$ 9.42 + 24.68

NOTE: All premium wages are to be calculated on base rate per hour only.

8-DC-9/806/155-BrSS

Painter - Line Striping**07/01/2023**

JOB DESCRIPTION Painter - Line Striping**DISTRICT 8****ENTIRE COUNTIES**

Albany, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Montgomery, Nassau, Orange, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES

Per hour:

Painter (Striping-Highway):	07/01/2023
Striping-Machine Operator*	\$ 31.53

Linerman Thermoplastic	38.34
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Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety.

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' as your normal schedule, you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30.1; and there must be a dispensation of hours in place on the project. If the PW30.1 is not submitted you may be liable for overtime payments for work over 8 hours per day.

SUPPLEMENTAL BENEFITS

Per hour paid:

Journeyworker:

Striping Machine Operator:	\$ 10.03
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Linerman Thermoplastic:	10.03
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OVERTIME PAY

See (B, B2, E2, F, S) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 20) on HOLIDAY PAGE

Overtime: See (5, 20) on HOLIDAY PAGE

REGISTERED APPRENTICES

One (1) year terms at the following wage rates:

1st Term:	\$ 15.00
2nd Term:	18.92
3rd Term:	25.22

Supplemental Benefits per hour:

1st term:	\$ 9.16
2nd Term:	10.03
3rd Term:	10.03

8-1456-LS

Painter - Metal Polisher**07/01/2023**

JOB DESCRIPTION Painter - Metal Polisher**DISTRICT 8****ENTIRE COUNTIES**

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2023
Metal Polisher	\$ 38.18
Metal Polisher*	39.28
Metal Polisher**	42.18

*Note: Applies on New Construction & complete renovation

** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2023
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Journeyworker:	
All classification	\$ 12.34

OVERTIME PAY

See (B, E, P, T) on OVERTIME PAGE

HOLIDAY

Paid:	See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime:	See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One (1) year term at the following wage rates:

	07/01/2023
1st year	\$ 16.00
2nd year	17.00
3rd year	18.00
1st year*	\$ 16.39
2nd year*	17.44
3rd year*	18.54
1st year**	\$ 18.50
2nd year**	19.50
3rd year**	20.50

*Note: Applies on New Construction & complete renovation

** Note: Applies when working on scaffolds over 34 feet.

Supplemental benefits:

Per hour:	
1st year	\$ 8.69
2nd year	8.69
3rd year	8.69

8-8A/28A-MP

Plumber

07/01/2023

JOB DESCRIPTION Plumber

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

WAGES

Per hour:	07/01/2023
Plumber and Steamfitter	\$ 62.36

SHIFT WORK:

When directly specified in public agency or authority contract documents, shift work outside the regular hours of work shall be comprised of eight (8) hours per shift not including Saturday, Sundays and holidays. One half (1/2) hour shall be allowed for lunch after the first four (4) hours of each shift. Wage and Fringes for shift work shall be straight time plus a shift premium of twenty-five (25%) percent. A minimum of five days Monday through Friday must be worked to establish shift work.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 41.51

OVERTIME PAY

See (B, E, E2, Q, V) on OVERTIME PAGE

OVERTIME:... See on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1)year terms at the following wages:

1st Term	\$ 23.20
2nd Term	26.61
3rd Term	30.74
4th Term	43.81
5th Term	46.99

Supplemental Benefits per hour:

1st term	\$ 17.12
2nd term	19.12
3rd term	22.74
4th term	30.02
5th term	31.82

8-21.1-ST

Plumber - HVAC / Service

07/01/2023

JOB DESCRIPTION Plumber - HVAC / Service

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Putnam, Westchester

PARTIAL COUNTIES

Delaware: Only the townships of Middletown and Roxbury

Ulster: Entire County(including Walkill and Shawangunk Prisons) except for remainder of Town of Shawangunk and Towns of Plattekill, Marlboro, and Wawarsing.

WAGES

Per hour: 07/01/2023

HVAC Service \$ 42.68
+ \$ 4.37*

*Note: This portion of wage is not subject to overtime premium.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker HVAC Service
\$ 28.99

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

HVAC SERVICE

(1)year terms at the following wages:

1st yr. 2nd yr. 3rd yr. 4th yr. 5th yr.

\$ 19.32	\$ 22.91	\$ 28.56	\$ 35.13	\$ 38.15
+\$2.39*	+\$2.70*	+\$3.25*	+\$3.88*	+\$4.12*

*Note: This portion of wage is not subject to overtime premium.

Supplemental Benefits per hour:

Apprentices 07/01/2023

1st term	\$ 20.84
2nd term	22.28
3rd term	23.85
4th term	26.01
5th term	27.55

8-21.1&2-SF/Re/AC

Plumber - Jobbing & Alterations

07/01/2023

JOB DESCRIPTION Plumber - Jobbing & Alterations

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Putnam, Westchester

PARTIAL COUNTIES

Ulster: Entire county (including Wallkill and Shawangunk Prisons in Town of Shawangunk) EXCEPT for remainder of Town of Shawangunk, and Towns of Plattekill, Marlboro, and Wawarsing.

WAGES

Per hour:	07/01/2023
Journeyworker:	\$ 48.51

Repairs, replacements and alteration work is any repair or replacement of a present plumbing system that does not change existing roughing or water supply lines.

SHIFT WORK:

When directly specified in public agency or authority contract documents, shift work outside the regular hours of work shall be comprised of eight (8) hours per shift not including Saturday, Sundays and holidays. One half (1/2) hour shall be allowed for lunch after the first four (4) hours of each shift. Wage and Fringes for shift work shall be straight time plus a shift premium of twenty-five (25%) percent. A minimum of five days Monday through Friday must be worked to establish shift work.

SUPPLEMENTAL BENEFITS

Per hour:
Journeyworker

\$ 34.76

OVERTIME PAY

See (B, *E, E2, Q, V) on OVERTIME PAGE

*When used as a make-up day, hours after 8 on Saturday shall be paid at time and one half.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1) year terms at the following wages:

1st year	\$ 20.92
2nd year	23.24
3rd year	25.29
4th year	35.48
5th year	37.49

Supplemental Benefits per hour:

1st year	\$ 11.45
2nd year	13.46
3rd year	17.51
4th year	23.67
5th year	25.68

8-21.3-J&A

Roofer

07/01/2023

JOB DESCRIPTION Roofer

DISTRICT 9

ENTIRE COUNTIES

Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2023	05/01/2024
		Additional
Roofer/Waterproofer	\$ 46.50	\$2.50
	+ \$7.00*	

* This portion is not subjected to overtime premiums.

Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS

Per Hour: \$ 31.37

OVERTIME PAY

See (B, H) on OVERTIME PAGE

Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

(1) year term apprentices indentured prior to 01/01/2023

	1st	2nd	3rd	4th
	\$ 16.28	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.50*	+ 4.20*	+ 5.26*
Supplements:				
	1st	2nd	3rd	4th
	\$ 4.03	\$ 15.85	\$ 18.95	\$ 23.61

* This portion is not subjected to overtime premiums.

(1) year term apprentices indentured after 01/01/2023

	1st	2nd	3rd	4th	5th
	\$ 17.67	\$ 20.93	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.16*	+ 3.50*	+ 4.20*	+ 5.26
Supplements:					
	1st	2nd	3rd	4th	5th
	\$ 7.61	\$ 14.29	\$ 15.85	\$ 18.95	\$ 23.61

* This portion is not subjected to overtime premiums.

9-8R

Sheetmetal Worker

07/01/2023

JOB DESCRIPTION Sheetmetal Worker

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

WAGES

	07/01/2023
SheetMetal Worker	\$ 47.00
	+ 3.60*

*This portion is not subject to overtime premiums.

SHIFT WORK

For all NYS D.O.T. and other Governmental mandated off-shift work:
10% increase for additional shifts for a minimum of five (5) days

SUPPLEMENTAL BENEFITS

Journeyworker \$ 45.62

OVERTIME PAY

OVERTIME:.. See (B, E, Q,) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 16, 23) on HOLIDAY PAGE

REGISTERED APPRENTICES

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 17.50	\$ 19.67	\$ 21.87	\$ 24.05	\$ 26.24	\$ 28.44	\$ 31.10	\$ 33.75
+ 1.44*	+ 1.62*	+ 1.80*	+ 1.98*	+ 2.16*	+ 2.34*	+ 2.52*	+ 2.70*

*This portion is not subject to overtime premiums.

Supplemental Benefits per hour:

Apprentices

1st term	\$ 19.53
2nd term	21.99
3rd term	24.42
4th term	26.88
5th term	29.32
6th term	31.75
7th term	33.72
8th term	35.71

8-38

Sheetmetal Worker

07/01/2023

JOB DESCRIPTION Sheetmetal Worker

DISTRICT 4

ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour: 07/01/2023

Sign Erector \$ 56.00

NOTE: Structurally Supported Overhead Highway Signs(See STRUCTURAL IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Sign Erector \$ 55.66

OVERTIME PAY

See (A, F, S) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS

Per Hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 14.95	\$ 16.95	\$ 18.93	\$ 20.93	\$ 28.56	\$ 31.05	\$ 33.57	\$ 36.05	\$ 38.56	\$ 41.05

4-137-SE

Sprinkler Fitter

07/01/2023

JOB DESCRIPTION Sprinkler Fitter

DISTRICT 1

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

WAGES

Per hour 07/01/2023

Sprinkler \$ 50.86

Fitter

SUPPLEMENTAL BENEFITS

Per hour

Journey person \$ 30.19

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

Note: When a holiday falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double time rate. When a holiday falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double time rate.

REGISTERED APPRENTICES

Wages per hour

One Half Year terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 24.77	\$ 27.53	\$ 30.03	\$ 32.78	\$ 35.53	\$ 38.29	\$ 41.04	\$ 43.79	\$ 46.54	\$ 49.30

Supplemental Benefits per hour

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 8.74	\$ 8.74	\$ 20.32	\$ 20.32	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57
									1-669.2

Teamster - Building / Heavy&Highway

07/01/2023

JOB DESCRIPTION Teamster - Building / Heavy&Highway

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

WAGES

GROUP A: Straight Trucks (6-wheeler and 10-wheeler), A-frame, Winch, Dynamite Seeding, Mulching, Agitator, Water, Attenuator, Light Towers, Cement (all types), Suburban, Station Wagons, Cars, Pick Ups, any vehicle carrying materials of any kind.

GROUP AA: Tack Coat

GROUP B: Tractor & Trailers (all types).

GROUP BB: Tri-Axle, 14 Wheeler

GROUP C: Low Boy (carrying equipment).

GROUP D: Fuel Trucks, Tire Trucks.

GROUP E: Off-road Equipment (over 40 tons): Atthey Wagons, Belly Dumps, Articulated Dumps, Trailer Wagons.

GROUP F: Off-road Equipment (over 40 tons) Euclid, DJB.

GROUP G: Off-road Equipment (under 40 tons) Atthey Wagons, Belly Articulated Dumps, Trailer Wagons.

GROUP H: Off-road Equipment (under 40 tons), Euclid.

GROUP HH: Off-road Equipment (under 40 tons) D.J.B.

GROUP I: Off-road Equipment (under 40 tons) Darts.

GROUP II: Off-road Equipment (under 40 tons) RXS.

WAGES:(per hour)

07/01/2023

GROUP A	\$ 46.86*
GROUP AA	49.86*
GROUP B	47.48*
GROUP BB	46.98*
GROUP C	49.61*
GROUP D	47.31*
GROUP E	47.86*
GROUP F	48.86*
GROUP G	47.61*
GROUP H	48.23*
GROUP HH	48.61*
GROUP I	48.36*
GROUP II	48.73*

* To calculate premium wage, subtract \$.10 from the hourly wage.

Note: Fuel truck operators on construction sites addit. \$5.00 per day.
For work on hazardous/toxic waste site addit. 20% of hourly rate.

Shift Differential: When mandated by the contracting agency, DOT, or any governmental agency contracts shall receive a shift differential of fifteen (15%) above the wage rate.

NOTE: The Employer Registration (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker

First 40 hours	\$ 35.58
41st-45th hours	15.73
Over 45 hours	1.60

OVERTIME PAY

See (B, E, P, R) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 8, 9, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 9, 15, 25) on HOLIDAY PAGE

8-456

Welder

07/01/2023

JOB DESCRIPTION Welder

DISTRICT 1

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per hour 07/01/2023

Welder: To be paid the same rate of the mechanic performing the work.*

*EXCEPTION: If a specific welder certification is required, then the 'Certified Welder' rate in that trade tag will be paid.

OVERTIME PAY

HOLIDAY

1-As Per Trade

Westchester County Residential

Carpenter - Residential

07/01/2023

JOB DESCRIPTION Carpenter - Residential

DISTRICT 11

ENTIRE COUNTIES

Putnam, Rockland, Westchester

WAGES

***IMPORTANT NOTE: Residential construction consists of those projects involving the construction, alteration, or repair of single-family houses or apartment buildings of no more than four (4) floors in height, town homes, row houses, single family homes, mobile homes, multi-family houses, apartment building of four (4) floors or less and assisted living facilities of four (4) floors or less. Excluding dormitories and student housing. Fours (4) stories shall be above ground level and shall not include the building's basement nor unfinished attic space.

Per hour:

07/01/2023

Carpenter	\$ 25.87
	+4.39*

*For all hours paid straight or premium

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 21.66
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OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

Holidays that fall on Sunday will be observed Monday.

REGISTERED APPRENTICES

1 year terms at the following wage rates:

1st	2nd	3rd	4th	5th
\$ 15.30	\$ 15.99	\$ 16.82	\$ 18.11	\$ 20.70
+2.36*	+2.36*	+2.36*	+2.36*	+2.36*

*For all hours paid straight or premium

Supplemental Benefits per hour:

Apprentice all terms	\$ 10.85
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11-279.1r

Insulator - Heat & Frost - Residential

07/01/2023

JOB DESCRIPTION Insulator - Heat & Frost - Residential

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Westchester

WAGES

***IMPORTANT NOTE: All residential plumbing, heating and air conditioning and site work in a single-family residence or a single family residential development under one roof, regardless of cost and garden type apartment buildings or developments which do not exceed three stories high.

Per hour:	07/01/2023	06/01/2024
Asbestos Worker	\$ 48.26	+ \$ 2.50
Apprentices	31.77	+ \$ 2.50
Fire Stop Work*		
Asbestos Worker	31.77	+ \$ 2.50

* Applies on all exclusive Fire Stop Work (when contract is for Fire Stop Work only). No apprentices on these contracts only.

Note: Additional \$0.50 per hour for work 30 feet or more above floor or ground level.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 30.03

Apprentice 19.03

Fire Stop Work:

Journeyworker 19.03

OVERTIME PAY

OVERTIME: See (B, E, Q, T, V) on OVERTIME PAGE.

HOLIDAY

Paid:..... See (1) on HOLIDAY PAGE.

Overtime:... See (2, 4, 6, 16, 25) on HOLIDAY PAGE.

8-91R

Laborer - Residential

07/01/2023

JOB DESCRIPTION Laborer - Residential

DISTRICT 8

ENTIRE COUNTIES

Putnam, Westchester

WAGES

***IMPORTANT NOTE: FOR ONE OR TWO STORIES HOUSES, TOWN HOUSES AND RESIDENTIAL BUILDINGS UP TO THREE STORIES.

07/01/2023

Laborer \$ 34.80

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker \$ 24.45

OVERTIME PAY

OVERTIME: See (B, E, Q, V*) on OVERTIME PAGE.

*Note: For Sundays and Holidays worked, benefits are at the same premium as wages.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

8-235r

Sheetmetal Worker - Residential

07/01/2023

JOB DESCRIPTION Sheetmetal Worker - Residential

DISTRICT 8

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

WAGES

***IMPORTANT NOTE: HVAC work on single family dwellings, multiple family housing units, apartments and condominium homes where each individual family apartment is individually conditioned by separate and independent unit or system.

Per hour: 07/01/2023

Sheetmetal Worker \$ 33.10
+ 1.85

SHIFT WORK

For all NYS D.O.T. and other Governmental mandated off-shift work:

10% increase for additional shifts for a minimum of five (5) days

SUPPLEMENTAL BENEFITS

Journeyworker \$ 22.61

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 16, 23) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES - Per hour:

(1/2) year terms at the following rates.

1st	2nd	3rd	4th	5th	6th	7th	8th
\$17.40	\$19.03	\$20.64	\$22.19	\$24.15	\$25.97	\$27.96	\$29.69
+\$.93	+\$1.03	+\$1.14	+\$1.25	+\$1.35	+\$1.44	+\$1.55	+\$1.66

Supplemental Benefits - Per hour:

1st	\$ 13.31
2nd	14.46
3rd	15.62
4th	16.84
5th	17.66
6th	18.63
7th	19.41
8th	20.45

8-38r

Sprinkler Fitter - Residential

07/01/2023

JOB DESCRIPTION Sprinkler Fitter - Residential

DISTRICT 1

ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

WAGES

IMPORTANT NOTE: "Residential fire protection work" is applicable to one or two family dwellings, all multiple family dwelling units which are permitted to have a single exterior up to and including four stories, townhouses with units stacked vertically up to and including four stories and group residential care facilities and protective care homes (sheltered housing), not to include nursing homes or ambulatory care facilities.

Per hour

07/01/2023

Sprinkler \$ 41.21
Fitter

SUPPLEMENTAL BENEFITS

Per hour

Journeyman \$ 30.19

OVERTIME PAY

See (B, H) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

Note: When a holiday falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double time rate. When a holiday falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double time rate.

1-669r2

Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

NOTE: Supplemental Benefits are 'Per hour worked' (for each hour worked) unless otherwise noted

- (AA) Time and one half of the hourly rate after 7 and one half hours per day
- (A) Time and one half of the hourly rate after 7 hours per day
- (B) Time and one half of the hourly rate after 8 hours per day
- (B1) Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday.
Double the hourly rate for all additional hours
- (B2) Time and one half of the hourly rate after 40 hours per week
- (C) Double the hourly rate after 7 hours per day
- (C1) Double the hourly rate after 7 and one half hours per day
- (D) Double the hourly rate after 8 hours per day
- (D1) Double the hourly rate after 9 hours per day
- (E) Time and one half of the hourly rate on Saturday
- (E1) Time and one half 1st 4 hours on Saturday; Double the hourly rate all additional Saturday hours
- (E2) Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E3) Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
- (E4) Saturday and Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E5) Double time after 8 hours on Saturdays
- (F) Time and one half of the hourly rate on Saturday and Sunday
- (G) Time and one half of the hourly rate on Saturday and Holidays
- (H) Time and one half of the hourly rate on Saturday, Sunday, and Holidays
- (I) Time and one half of the hourly rate on Sunday
- (J) Time and one half of the hourly rate on Sunday and Holidays
- (K) Time and one half of the hourly rate on Holidays
- (L) Double the hourly rate on Saturday
- (M) Double the hourly rate on Saturday and Sunday
- (N) Double the hourly rate on Saturday and Holidays
- (O) Double the hourly rate on Saturday, Sunday, and Holidays
- (P) Double the hourly rate on Sunday
- (Q) Double the hourly rate on Sunday and Holidays
- (R) Double the hourly rate on Holidays
- (S) Two and one half times the hourly rate for Holidays

-
- (S1) Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.
 - (T) Triple the hourly rate for Holidays
 - (U) Four times the hourly rate for Holidays
 - (V) Including benefits at SAME PREMIUM as shown for overtime
 - (W) Time and one half for benefits on all overtime hours.
 - (X) Benefits payable on Paid Holiday at straight time. If worked, additional benefit amount will be required for worked hours. (Refer to other codes listed.)

Holiday Codes

PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

- (1) None
- (2) Labor Day
- (3) Memorial Day and Labor Day
- (4) Memorial Day and July 4th
- (5) Memorial Day, July 4th, and Labor Day
- (6) New Year's, Thanksgiving, and Christmas
- (7) Lincoln's Birthday, Washington's Birthday, and Veterans Day
- (8) Good Friday
- (9) Lincoln's Birthday
- (10) Washington's Birthday
- (11) Columbus Day
- (12) Election Day
- (13) Presidential Election Day
- (14) 1/2 Day on Presidential Election Day
- (15) Veterans Day
- (16) Day after Thanksgiving
- (17) July 4th
- (18) 1/2 Day before Christmas
- (19) 1/2 Day before New Years
- (20) Thanksgiving
- (21) New Year's Day
- (22) Christmas
- (23) Day before Christmas
- (24) Day before New Year's
- (25) Presidents' Day
- (26) Martin Luther King, Jr. Day
- (27) Memorial Day
- (28) Easter Sunday

(29) Juneteenth

Attachment 6: Section 01 56 10 -
Noise Barrier

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

PART 1 GENERAL

1.01 SUMMARY

- A. The Contractor shall provide all labor, materials, equipment and incidentals as specified herein or required otherwise in the Contract to furnish and install a Noise Barrier at the Kensico site. The Noise Barrier shall consist of a wood fence, a minimum of fifteen (15) feet in height and placed as shown on the Contract Drawings.

- B. The following index of the Section is presented for convenience:

Article	Title	Section Page
PART 1	GENERAL	1
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1.02	Payment.....	1
1.03	Related Sections.....	1
1.04	References	2
1.05	Description	2
1.06	Quality Assurance	3
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1.08	Delivery, Storage And Handling.....	6
1.09	Spare Parts, Special Tools, And Supplies.....	6
1.10	Special Warranty Provisions / Guarantee Periods	6
PART 2	PRODUCTS.....	6
2.01	Manufacturers	6
2.02	Materials/Equipment.....	6
2.03	Fabrication / Assembling / Finishes.....	7
2.04	Source Quality Control / Shop Tests	7
PART 3	EXECUTION.....	7
3.01	Examination / Preparation.....	7
3.02	Installation.....	7
3.03	Field Testing / Quality Control	9
3.04	Startup / Demonstration	9
3.05	Adjusting / Protection / Cleanup.....	9

1.02 PAYMENT

- A. All costs for Work required by this Section shall be included in the applicable lump sum, unit price(s), or allowance(s) as set forth in Section 01 27 00.

1.03 RELATED SECTIONS

- A. Section 01 57 00 - Temporary Controls
- B. Section 02 24 20 – Soil Sampling and Analysis
- C. Section 03 30 00 – Cast-in-Place Concrete

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

D. Section 05 05 13.01 – Galvanizing

E. Section 31 23 16 - Excavation

1.04 REFERENCES

- A. ASTM A 123 - Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products, Standard Specification for
- B. ASTM A 153 Zinc Coating (Hot-Dip) on Iron and Steel Hardware, Standard Specification for
- C. ASTM A 653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, Standard Specification for
- D. ASTM B 6 - Zinc, Standard Specification for
- E. ASTM F537 Design, Fabrication, and Installation of Fences Constructed of Wood and Related Materials, Standard Specification for
- F. ASTM F 626 - Fence Fittings, Standard Specification for
- G. ASTM F 1043 - Strength and Protective Coatings on Metal Industrial Chain Link Fence Framework, Standard Specification for

1.05 DESCRIPTION

- A. The Contractor shall comply with the noise requirements of Section 01 57 00 – Temporary Controls.
- B. The Contractor shall design, furnish, install and maintain a Noise Barrier consisting of a wood fence, a minimum of fifteen (15) feet in height. Wood fencing shall be furnished and installed as specified herein and as shown on the Contract Drawings.
- C. The Noise Barrier shall be solid wood board type, constructed of wood fence boards fastened to top, bottom and intermediate horizontal wood rails and to vertical line posts, corner posts and terminal posts, and shall include all system components such as gates, fittings, fastenings and other accessories as specified and shown on the Contract Drawings.
- D. The Contractor is alerted to the fact that measures in addition to the Noise Barrier specified herein may be required to meet the noise code. Such measures shall be provided by the Contractor at no additional cost to the City.
- E. Access gates through the wood fence for vehicles or personnel shall be constructed of chain link fencing with posts and noise curtain material. The noise curtain

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

material shall contain grommets and shall be attached to the chain link fencing material via Velcro edges.

- F. Field Measurements: The Contractor shall take field measurements and verify layout information and dimensions for wood fencing and gates in relation to property surveys and existing conditions.

1.06 QUALITY ASSURANCE

A. Installer Qualifications:

1. The Contractor shall select a single installer regularly engaged in the installation of wood fencing with five years experience in the erection of the type of wood fencing specified. Installer shall agree to employ only tradesmen with specific skill and experience in the erection of this type of work.
2. The Contractor shall submit the name and experience record of the installer to the Engineer, along with the names and telephone numbers of owners, architects or engineers responsible for the project (a minimum of three projects).
3. The Contractor shall submit evidence that the installer and the wood fence manufacturer have experience working together. Installers who have not had the type of experience required to perform the kinds of work required will not be approved.

B. Source Quality Control:

1. The Contractor shall provide wood fencing system as a complete system with all gates, hardware, appurtenances and other components supplied by a single manufacturer, including custom erection accessories, fittings, clamps and fastenings as may be necessary or required.
2. The Contractor shall provide shipping list for materials used, endorsed with the manufacturer's voucher certifying that the material used in the wood fencing system complies with the Contract Documents.
3. Structural shapes of satisfactory sections and equal strengths may be substituted if approved by the Engineer.

C. Performance Criteria:

1. Comply with ASTM F537 standards for materials, product and installation requirements. These standards shall represent a minimum level of quality when information is not shown or specified in the Contract Documents.
2. The fabricator shall be responsible for providing structural calculations for the wood fence system to the Contractor for submittal to the Engineer as part of the submittal process. Structural analysis shall verify that all system

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

components including, but not limited to, supports, gates, fasteners, fittings and connections meet the requirements of the New York City Building Code. Calculations shall demonstrate that fence system will be able to withstand a 110-mile per hour wind, Exposure C, per the New York City Building Code.

3. Member sizes, thicknesses and weights shown or specified shall be considered minimum. Where structural analysis indicates the need for additional members or increased member size, thickness or weight, these shall be provided at no additional expense to the City.
4. Modifications may be made only as necessary to meet field conditions to ensure proper fitting and support of the work, and only upon submittal of Working Drawings and receipt of approval by the Engineer.

D. Fabrication Tolerances:

1. Boards, posts, rails, and other supports shall be straight or uniformly curved to provide the profiles shown on the Contract Drawings, to a dimensional tolerance of 1/16 inch in 10 feet - 0 inches without warp or rack in the finished installation.

1.07 SUBMITTALS

A. The Contractor shall submit the following in accordance with the requirements of Section 01 33 00 – Submittal Procedures:

1. **Qualifications:**
 - a. The wood fence manufacturer and installer shall demonstrate prior project experience on projects of similar size and shall submit evidence that they have previous experience working together.
2. **Samples:**
 - a. Each component, fastener, post, rail, support and other items labeled as to the use and location in the work.
3. **Drawings:**
 - a. Copies of manufacturer's technical product information, specifications and certified test reports on physical properties, and installation instructions for all wood fencing system components.
 - b. All structural calculations verifying that all system components comply with the requirements of the New York City Building Code. The drawings and calculations shall be signed and sealed by a Licensed Professional Engineer in the State of New York.

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

- c. Large scale details drawn at a scale of 3 inches to the foot for all connections and gate details. Drawings at a scale of 1/4 inch equals 1 foot of typical wood fence assembly identifying all components, wood fence heights, locations, and sizes and weights of all rails, posts, braces, supports and footings. Access gate details shall also be provided.
- 4. A list of all hardware and accessories.
- 5. Sample Mock-Ups
 - a. The Contractor shall construct, photograph, and protect for the duration of installation a sample mock-up of the noise barrier to be provided. Materials for the work and a full-size sample mock-up shall match the wood fence and the access gates to be provided in all aspects.
 - b. The Contractor and the wood fence fabricator and installer shall build a full size sample mock-up at the Kensico site demonstrating to the Engineer the ability to match the quality of workmanship, methods of detailing, and tolerances shown on the Contract Drawings and as specified herein. Once approved, the sample mock-up shall serve as a standard for all wood fence installation work required under the Contract.
 - c. Full size sample mock-ups that, in the opinion of the Engineer, do not adequately demonstrate the ability of the installer to provide the requirements specified will not be approved and Contractor shall proceed to propose an alternative installer to the Engineer for approval.
 - d. Cost of all full-size sample mock-ups shall be at the expense of the Contractor.
 - e. Each fabricator and installer proposed by the Contractor shall be permitted to build two full size sample mock-ups using approved components as required to obtain the Engineer's approval. If after building two mock-ups, the Engineer rejects the mock-ups, the Contractor shall propose alternative fabricators and installers. Contractor shall be required to continue this process until the work of an acceptable fabricator and installer is approved.
 - f. Full size sample mock-up shall not be altered, moved or destroyed until written permission is received from the Engineer. Mock-ups destroyed before Contractor receives written permission shall be rebuilt at no additional expense to the City.

SECTION 01 56 10 –NOISE BARRIER
CONTRACT KENS-EAST-2

1.08 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in manufacturer's original, unopened packaging with all tags, labels and other identifying information intact and legible.
- B. Store all materials under weatherproof cover, off the ground and away from other construction activities. Do not store material in a manner that would create a humidity chamber. Provide for free movement of air under protective cover and between components of the wood fence system.
- C. Handle material in a manner that is in compliance with product institute standards and that will prevent damaging coatings and finishes.

1.09 SPARE PARTS, SPECIAL TOOLS, AND SUPPLIES

- A. Not Used

1.10 SPECIAL WARRANTY PROVISIONS / GUARANTEE PERIODS

- A. Not Used

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Noise Curtain Material for Access Gates:
 - 1. Sound Seal Model BBC-13-2
 - 2. Or approved equal.

2.02 MATERIALS/EQUIPMENT

- A. Concrete for footings shall be Class 25 conforming to the requirements of Section 03 30 00 – Cast-in-Place Concrete.
- B. Dimensions
 - 1. All wood dimensions specified or shown on the Contract Drawings are nominal, unless indicated as actual.
 - 2. All steel sizes specified or shown on the Contract Drawings are given for uncoated steel. All protective coatings are in addition to specified dimensions and sizes.
- C. Wood Fence Boards, Cover Boards and Horizontal Rails:
 - 1. Architectural Class I Douglas Fir satisfying ASTM F537.
 - 2. Preservative pressure treatment: waterborne preservative in accordance with ASTM F537.

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CONTRACT KENS-EAST-2

3. Provide cover boards where shown on the Contract Drawings.
4. Provide sizes and dimensions per the Contract Drawings, satisfying ASTM F 537.

D. Posts:

1. Provide wood posts of same material, class and preservative pressure treatment as wood fence boards and horizontal rails.

E. Fittings and Accessories: All fittings and accessories shall comply with ASTM F 626.

F. Galvanizing:

1. All galvanizing shall be done in accordance with Section 05 05 13.01 – Galvanizing.
2. Zinc for galvanizing shall be of High Grade or Special High Grade conforming to ASTM B6 with a maximum aluminum content of 0.01 percent. Material shall be galvanized by the "hot-dip" process in conformity with the following standards:

Class of Work	ASTM
Structural Iron and Steel Shapes	A 123
Fasteners	A 153
Fittings and Accessories	F 626

- G.** Noise curtain material for access gates shall be made of a vinyl coated fiberglass cloth facing on 2-inch quilted fiberglass/reinforced vinyl noise barrier.

2.03 FABRICATION / ASSEMBLING / FINISHES

- A.** Not Used

2.04 SOURCE QUALITY CONTROL / SHOP TESTS

- A.** Not Used

PART 3 EXECUTION

3.01 EXAMINATION / PREPARATION

- A.** Not Used

3.02 INSTALLATION

- A.** General:

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1. Install wood fencing system in compliance with ASTM F 537.
2. Install fencing as shown on the Contract Drawings.
3. Conduct wood fence installation and erection as early as possible in the Contract to serve as noise barriers, visual barriers for pedestrian and vehicle passers-by, and to help secure the sites.
4. No leaks or gaps in the noise barrier shall be allowed. Gaps between adjacent panels and at access gates shall be filled in with noise reduction material to avoid having noise penetrate through the barrier.

B. Excavation for Posts:

1. Drill or hand-excavate (using post-hole digger) holes for posts to diameters and spacings shown or specified, in firm, undisturbed or compacted soil.
2. Unless otherwise indicated, excavate hole depths 6 inches lower than post bottom.
3. Soil from excavations shall be sampled, tested and disposed of per Section 02 24 20 – Soil Sampling and Analysis.
4. All excavation work shall be in compliance with Section 31 23 16 – Excavation.
5. When solid rock is encountered near the surface, drill into rock at least 12 inches for line posts and at least 18 inches for end, corner and gate posts. Drill hole in accordance with the manufacturer's instructions, but not less than 4 inch greater in diameter than the largest dimension of the post to be placed. Remove rock cores from the Site.
6. If solid rock is below soil overburden, drill to full depth required, except penetration into rock need not exceed the minimum depths specified above.

C. Setting Posts:

1. Uniformly space posts to the extent possible, but modify post spacing to accommodate sloping ground.
2. Remove loose and foreign materials from sides and bottoms of holes, and moisten soil prior to placing concrete.
3. Center and align posts in a continuous pour, and vibrate or tamp concrete for consolidation. Check each post for vertical and top alignment, and hold in position during placement and finishing operations.
4. Posts shall be set in concrete footings, except as otherwise shown or specified. Posts shall extend at least 4'-0" below finished grade per Contract

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Drawings. Top of footing shall be 1 inch above finish grade and sloped to direct water away from posts.

5. Line posts shall be spaced not greater than the center to center spacing shown on the Contract Drawings.
6. Keep exposed concrete surfaces moist for at least seven days after placement, or cure with membrane curing materials, or other acceptable curing method.
7. Grout posts when installed in sleeved holes, concrete constructions, and rock.
8. Allow concrete to attain at least 75 percent of its minimum 28-day compressive strength, but in no case sooner than seven days after placement, before rails or boards are installed. Do not hang gates until the concrete has attained its full design strength.

D. Top Rails, Center Rails, Bottom Rails and Bracing:

1. Install top rails, center rails and bottom rails between posts.
2. Where the ground slopes, cut rail ends diagonally to allow a flush fit against the posts.
3. Install brace assemblies at end posts. Fence sections adjacent to gates shall have diagonal bracing. The diagonal bracing shall run from the center of the first line post to the bottom of the terminal post.

E. Wood Fence Boards:

1. Install fence boards as shown on the Contract Drawings.

F. Fasteners: Install nuts for fittings and hardware bolts on the line post and cover board side of the wood fence. Peen ends of bolts or score threads to prevent removal of nuts.

3.03 FIELD TESTING / QUALITY CONTROL

- A. Not Used**

3.04 STARTUP / DEMONSTRATION

- A. Not Used**

3.05 ADJUSTING / PROTECTION / CLEANUP

- A. Gates: After repeated operation of completed installation equivalent to three days' use by normal traffic, readjust gates for optimum operation and safety.**
- B. Lubricate operating equipment and clean exposed surfaces.**

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- C. Repair and replace all broken, damaged, bent or split components. Repair coatings damaged in the shop or during field erection by recoating with manufacturer's recommended repair compound, applied in accordance with manufacturer's directions.
- D. Protect wood fencing system from construction traffic and all other damage until completion of all Contract work.
- E. Maintain wood fence system for the duration of the Contract.
- F. The Noise Barrier shall remain in place at completion of all Contract Work and shall become the property of DEP. As part of the Substantial Completion Inspection, the Noise Barrier shall be inspected. Any repairs will be included in the Final Approved Punch List and the Noise Barrier will be accepted by DEP at Substantial Completion. These repairs must be completed prior to Final Acceptance of the Contract..

END OF SECTION

Attachment 7: Section 01 58 13 -
Temporary Project Signage

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

PART 1 GENERAL

1.01 SUMMARY

A. Attachments: The following figures are attached to this Section:

1. Figure 1 – Department of Environmental Protection (DEP) Project Information Panel Layout (For Projects with Street Frontage of 60 Feet or Greater)
2. Figure 2 – Department of Environmental Protection (DEP) Project Information Panel Layout (For Projects with Street Frontage of Less than 60 Feet)
3. Figure 3 – Environmental Facilities Corporation (EFC) Construction Sign Schematic: Drinking Water State Revolving Fund (DWSRF)

B. The following index of this Section is presented for convenience:

Article	Title	Section Page
PART 1	GENERAL	1
1.01	Summary	1
1.02	Payment	1
1.03	Related Sections	1
1.04	References	2
1.05	Description	2
1.06	Quality Assurance	2
1.07	Submittals	2
1.08	Delivery, Storage, and Handling	2
1.09	Spare Parts, Special Tools, and Supplies	2
1.10	Special Warranty Provisions / Guarantee Periods	2
PART 2	PRODUCTS	3
2.01	Manufacturers	3
2.02	Materials / Equipment	3
2.03	Fabrication / Assembling / Finishes	3
2.04	Source Quality Control / Shop Tests	5
PART 3	EXECUTION.....	5
3.01	Examination / Preparation	5
3.02	Installation	5
3.03	Field Testing / Quality Control	5
3.04	Startup / Demonstration	5
3.05	Adjusting / Protection / Cleanup.....	5

1.02 PAYMENT

A. No separate payment shall be made for performing any Work required under this Section. All costs for Work required by this Section shall be included in the applicable

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

lump sum, unit price(s) or allowance(s) as set forth in Section 01 27 00 – Measurement and Payment.

1.03 RELATED SECTIONS

- A. Not Used

1.04 REFERENCES

- A. Not Used.

1.05 DESCRIPTION

- A. The Contractor shall procure and erect two (2) project information panels at the Project Site identifying the Project. The first is a DEP project sign (Figures 1 and 2) and the second is an EFC sign. The panels shall be erected within twenty-one (21) days from the date the Contractor is ordered to Commence Work and shall be in accordance with this Section.
- B. Permission from the local municipality having jurisdiction shall be obtained before installation of the Project information panel.
- C. Names of individuals on the Project information panels shall be updated by the Contractor when these names change, at the direction of the Engineer,.

1.06 QUALITY ASSURANCE

- A. Not Used

1.07 SUBMITTALS

- A. Submit the following for approval prior to fabrication of the project information panel:
 - 1. Detailed sketch showing all lettering, dimensions and colors
 - 2. Detailed bill of materials indicating materials of construction for all project sign components.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Not Used

1.09 SPARE PARTS, SPECIAL TOOLS, AND SUPPLIES

- A. Not Used

1.10 SPECIAL WARRANTY PROVISIONS / GUARANTEE PERIODS

- A. Not Used

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. The project information panel shall be manufactured by one of the following:

1. Mineola Signs, Mineola, New York; <http://mineolasigns.com/>
2. Or approved equal

2.02 MATERIALS / EQUIPMENT

A. DEP Project Information Panel

1. The Project information panel shall include the following requirements shown on Figure 1 or Figure 2 attached to this Section. The Engineer will provide project specific information.
 - a. For construction sites with a street frontage of 60 feet or greater, the sign dimensions shall be in accordance with Figure 1. For construction sites with a street frontage less than 60 feet, the sign dimensions shall be in accordance with Figure 2.
 - b. For projects that are not funded through the New York State Revolving Fund, the information and lettering shown below the sample rendering in Figures 1 and 2 should be removed and the rendering extended to fill that space.
2. Project information panels shall include the following information:
 - a. A rendering, elevation drawing, site plan, or zoning diagram of the building exterior that does not contain logos or commercially recognizable symbols;
 - b. A title line stating “Work in Progress:” and specifying the nature of the project;
 - c. Anticipated Project completion date;
 - d. Website address to contact for Project information;
 - e. The corporate name and telephone number of the Contractor;
 - f. The name(s) of government official(s) shall be incorporated into the panel in accordance with Figures 1 and 2.
3. The Project information panel shall be constructed of $\frac{3}{4}$ -inch thick plywood panel of the following quality or equal as approved by the Engineer:
 - a. High density overlaid exterior type fir plywood panels, 5 ply, B-B grade or better.
 - b. Each plywood panel shall be resin impregnated on both sides.

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

4. The content shall be written in the Calibri font or similar Sans Serif font style, with letters a minimum of 1 inch (25 mm) high, as measured by the upper-case character. Such letters shall be white, on a blue background, with such blue color of a shade matching Pantone 296, or RGB 15, 43, 84, or CMYK 100, 88, 38, 35.

B. EFC Drinking Water State Revolving Fund Project Panel

1. The sign panel shall be constructed of ¾" minimum thickness plywood identical to that specified in 2.02.A.3.
 - a. Refer to Figure 3: EFC Construction Sign Schematic: Drinking Water State Revolving Fund (DWSRF)
2. Project information panels shall include the following fasteners, sign supports, coating, lettering, and emblem:
 - a. Fasteners: All fasteners used in the fabrication of the sign shall be rust-proof
 - b. Sign Supports: The sign shall be adequately supported and braced to remain in the proper positioning and alignment, including resistance to wind loads and toppling of the sign.
 - c. Coating: All paint or exterior coverings used shall be exterior grade coating suitable for use on wood or the material of construction. The sign face background and sign back shall be white and consist of a minimum two coats of paint.
 - d. Lettering and Emblem: The sign shall include the following logos in an aspect ratio consistent with other lettering on the sign but not less than a height of 2".
 - 1) The EFC logo available at <https://efc.ny.gov/efc-logo-pdf>
 - 2) The New York State Department of Health (DOH) logo available at <https://nysefc.app.box.com/v/EFC-DOH-black>
 - 3) The EPA logo consistent with the EPA Logo & Seal Specifications for Signage Produced by EPA Assistance Agreement Recipients as outlined in https://www.epa.gov/sites/default/files/2015-01/documents/epa_logo_seal_specifications_for_infrastructure_grants.pdf
 - 4) DWSRF project incorporate the following language:
 - a) This project is jointly funded by the New York State Drinking Water State Revolving Fund and the U.S. Environmental Protection Agency. The DWSRF is

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

administered by the New York State Environmental Facilities Corporation with its partner the New York State Department of Health for DWSRF projects only.

3.

2.03 FABRICATION / ASSEMBLING / FINISHES

A. Not Used

2.04 SOURCE QUALITY CONTROL / SHOP TESTS

A. Not Used

PART 3 EXECUTION

3.01 EXAMINATION / PREPARATION

A. Not Used

3.02 INSTALLATION

A. Location: The Project information panels shall be located in a prominent position as determined by the Engineer.

B. Panel Supports: Adequate supports for the Project information panels, including the positioning and alignment of the sign, as determined by the Engineer, shall be provided by the Contractor.

C. Maintenance: The Project information panels shall be maintained by the Contractor in good condition at all times for the duration of the Contract.

D. Removal of Project information panels from Project Site: The Contractor shall remove the Project information panel and supports from the Site when ordered by the Engineer.

3.03 FIELD TESTING / QUALITY CONTROL

A. Not Used

3.04 STARTUP / DEMONSTRATION

A. Not Used

3.05 ADJUSTING / PROTECTION / CLEANUP

A. Not Used

END OF SECTION

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

FIGURE 1
PROJECT INFORMATION PANEL LAYOUT

(For Project Sites with Street Frontage of 60 Feet or Greater)



Note: As directed by the Engineer, the wording below the rendering shall be deleted if the project is not funded under the NYS Revolving Loan Fund and the rendering shall be extended to fill in that space.

**SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2**

FIGURE 2

PROJECT INFORMATION PANEL LAYOUT

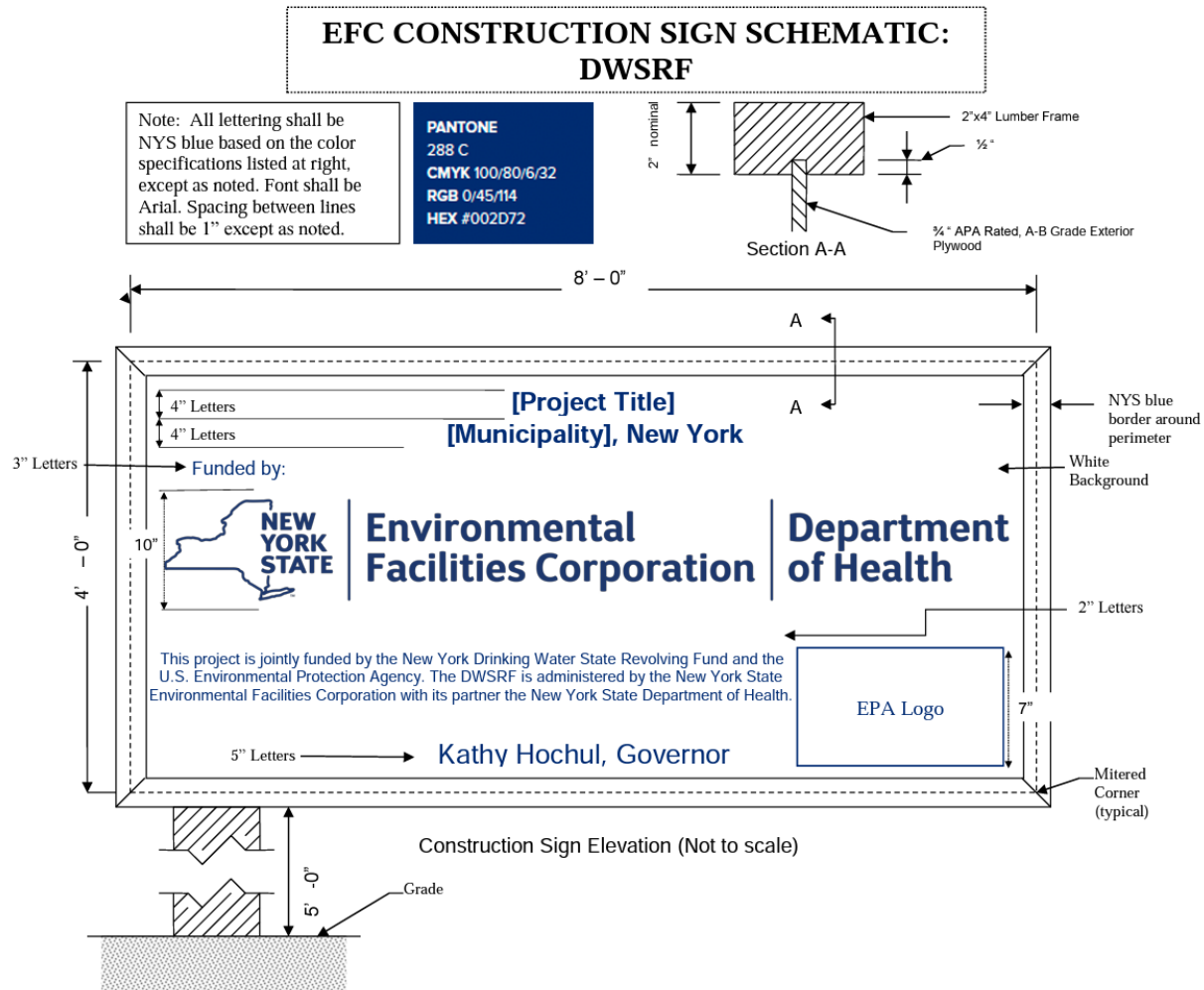
(For Project Sites with Street Frontage of Less Than 60 Feet)



Note: As directed by the Engineer, the wording below the rendering shall be deleted if the project is not funded under the NYS Revolving Loan Fund and the rendering shall be extended to fill in that space.

SECTION 01 58 13 – TEMPORARY PROJECT SIGNAGE
CONTRACT KENS-EAST-2

FIGURE 3



Attachment 8: Revised Bid Sheet

**THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION**

**CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION
Valhalla, New York**

BID SCHEDULE OF PRICES

Sequential No.	Contract Item *	Description of Work	Unit	Estimated Quantity	Unit Price	Total Price
1	LS-1	Mobilization (Price Bid Shall Not Exceed 4.0% of the Total Bid Price, excluding all Allowances)	Lump Sum	--	Lump Sum	\$_____
2	LS-2	General Contract Activities (Price Bid Shall Not Exceed 6.0% of the Total Bid Price, excluding the bid value for LS-1 and all Allowances)	Lump Sum	--	Lump Sum	\$_____
3	LS-3	Work Result (All Work for the Contract, excluding LS-1, LS-2, LS-4 and all other Items below)	Lump Sum	--	Lump Sum	\$_____
4	LS-4	De-mobilization (Price Bid Shall Not Exceed 50% of the bid value for LS-1)	Lump Sum	--	Lump Sum	\$_____
5	UP-1	Tree Removal, 4" to 6"	Unit Price	560	\$_____ per tree	\$_____
6	UP-2	Tree Removal, 6" to 12"	Unit Price	664	\$_____ per tree	\$_____
7	UP-3	Tree Removal, 12" to 18"	Unit Price	353	\$_____ per tree	\$_____
8	UP-4	Tree Removal, 18" to 24"	Unit Price	252	\$_____ per tree	\$_____
9	UP-5	Tree Removal, Over 24"	Unit Price	120	\$_____ per tree	\$_____
10	UP-6	Site Security at Kensico	Unit Price	1186	\$_____ per day	\$_____
11	A-1	Unforeseen Hazardous Material Remediation	Allowance	--	N/A	\$1,500,00,000

7/5/16

B6-A

THE CITY OF NEW YORK

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

CONTRACT ADDENDUM #2

FOR FURNISHING ALL
LABOR AND MATERIAL NECESSARY
AND REQUIRED FOR:

Contract KENS-EAST-2

Kensico Site Preparation