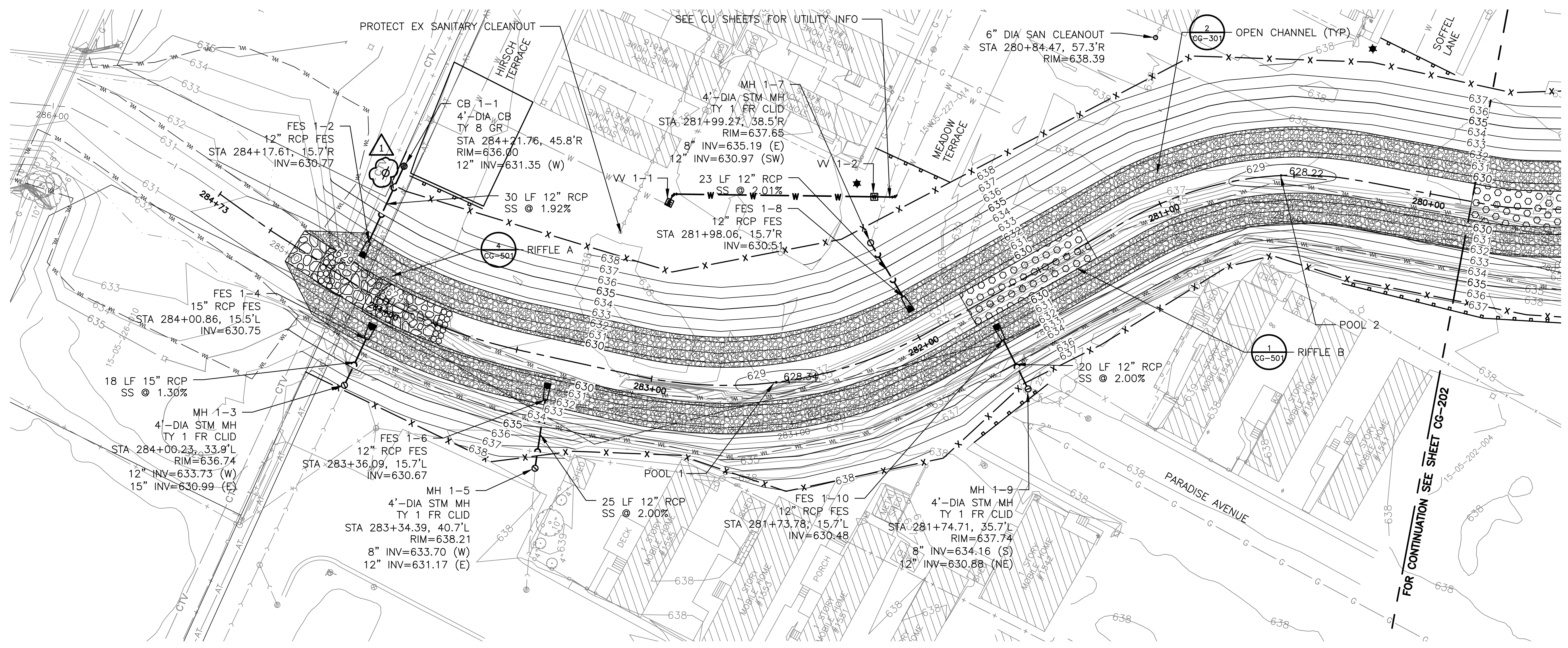
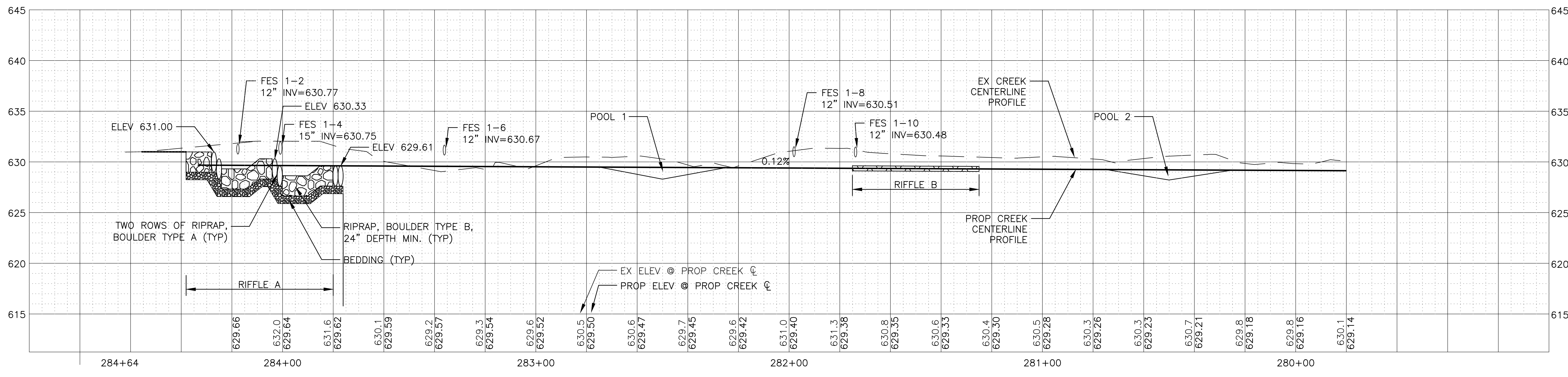


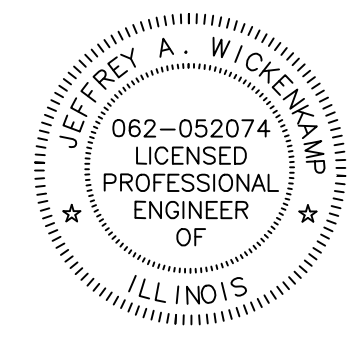
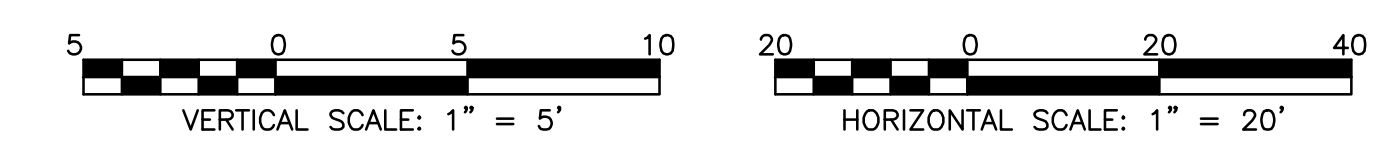
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PLAN
 STA. 284+68 TO STA. 279+80



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
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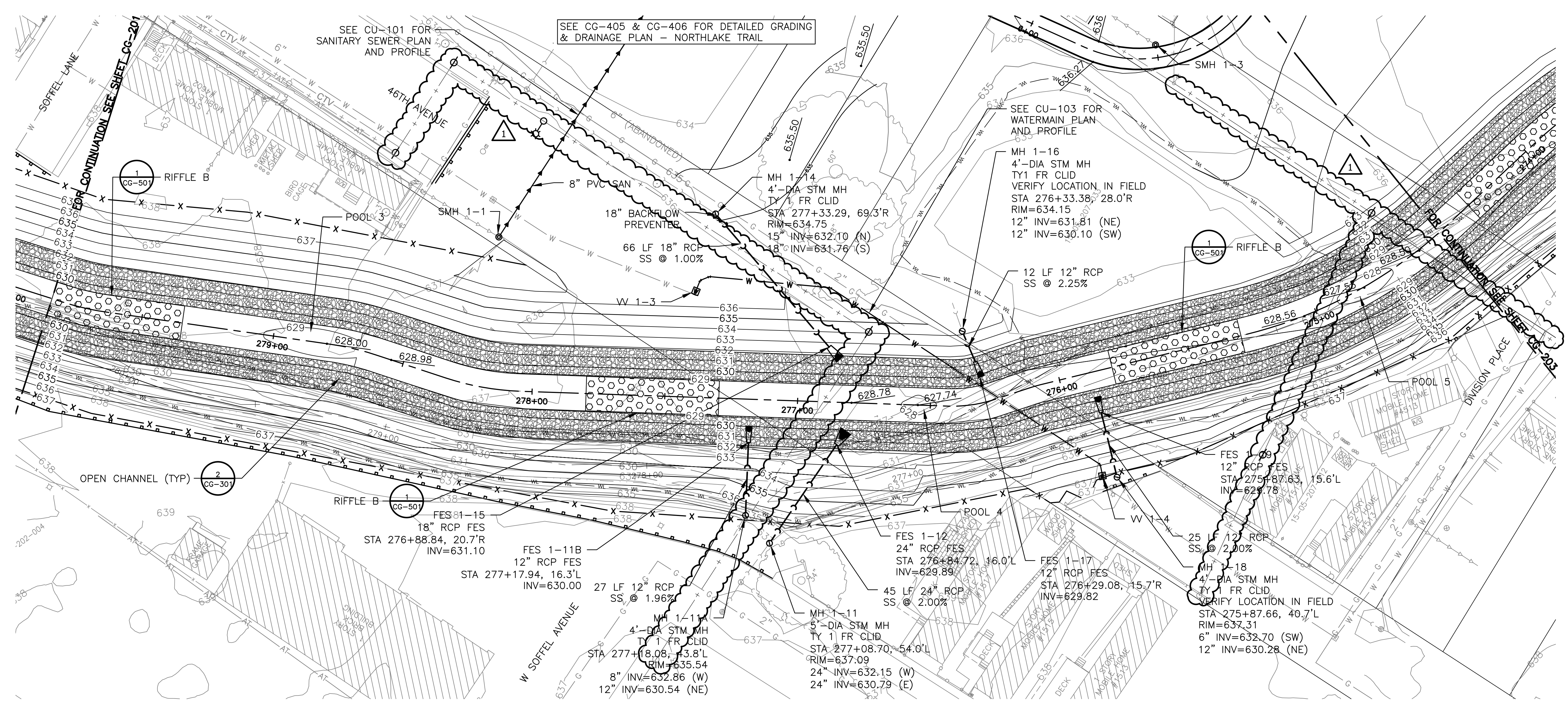
Scale: AS SHOWN
 Date: 2022

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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
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 ILLINOIS LICENSE NO. 184042829

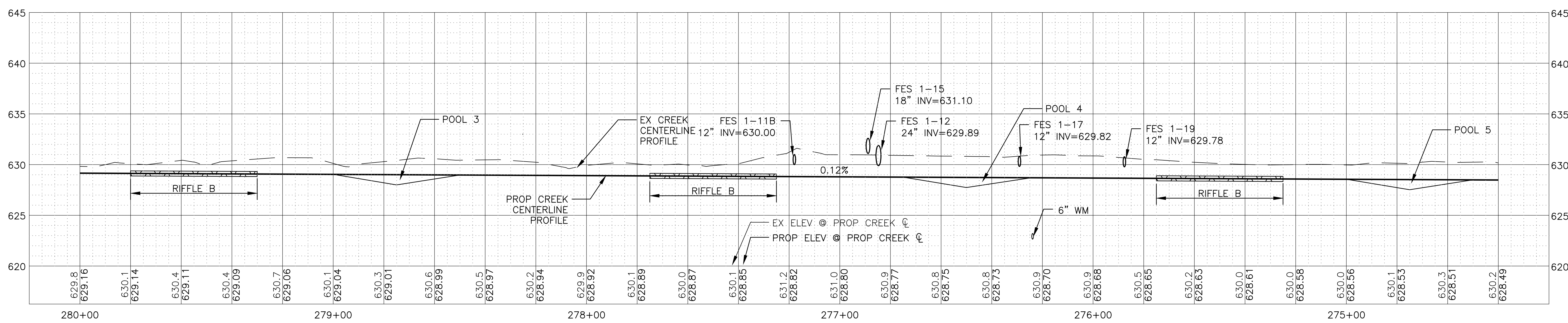
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 1
 STA. 284+72 TO STA. 279+80

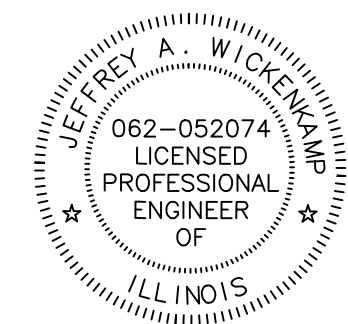
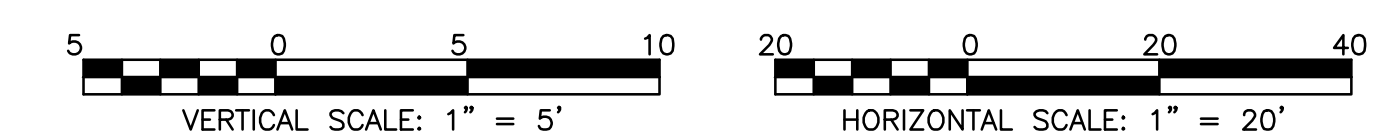
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CG-201
 Page Number: 103



PLAN
 STA. 280+00 TO STA. 274+40



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 Chicago@HAYASAC.COM

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Designed by:	TCT	Checked by:	PML	Scale:	AS SHOWN
Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

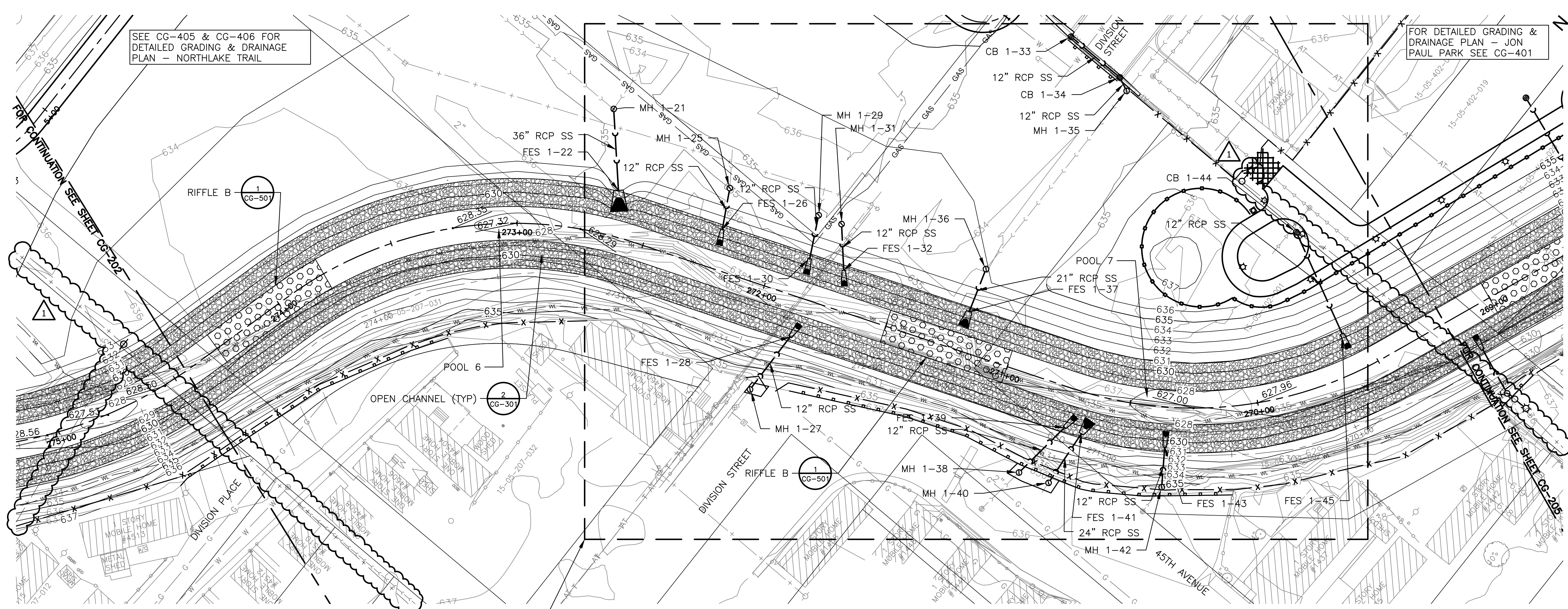
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 1
 STA. 279+80 TO STA. 274+40

Sheet Number:
CG-202

Page Number: 104

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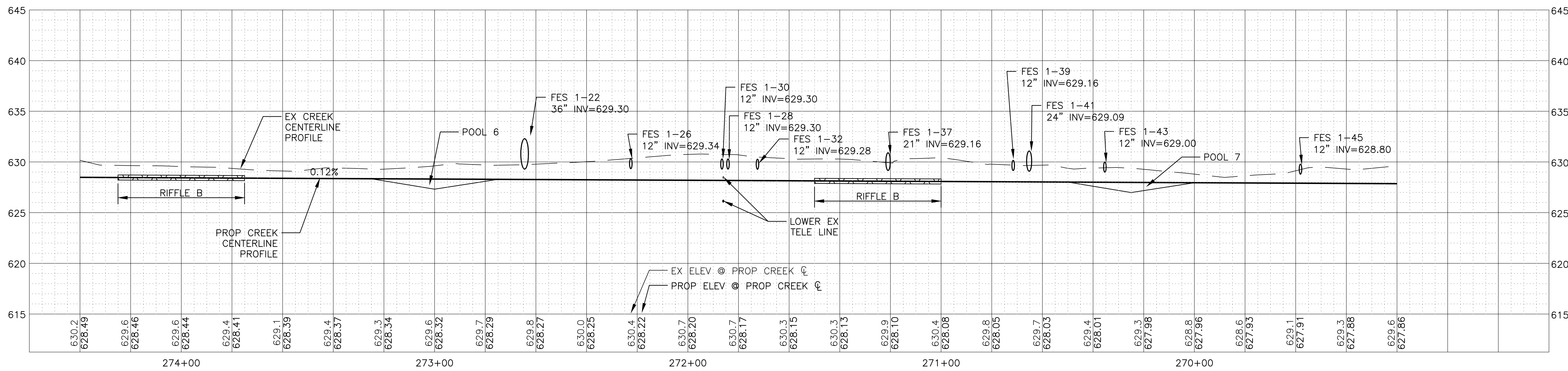


SEE CG-405 & CG-406 FOR DETAILED GRADING & DRAINAGE PLAN - NORTHLAKE TRAIL

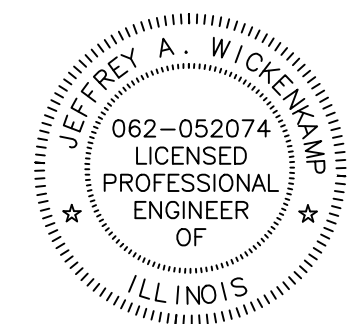
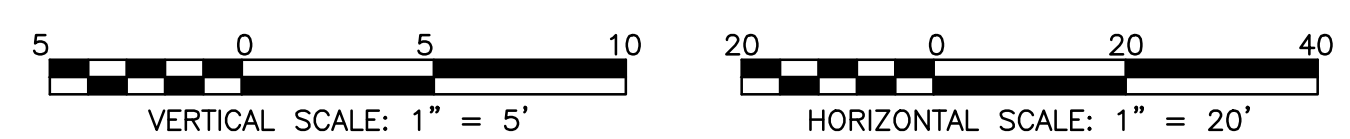
FOR DETAILED GRADING & DRAINAGE PLAN - JON PAUL PARK SEE CG-401

SEE SHEET CG-204 FOR DETAILED PLAN IN THIS AREA

PLAN
 STA. 274+40 TO STA. 269+20



NOTE:
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1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
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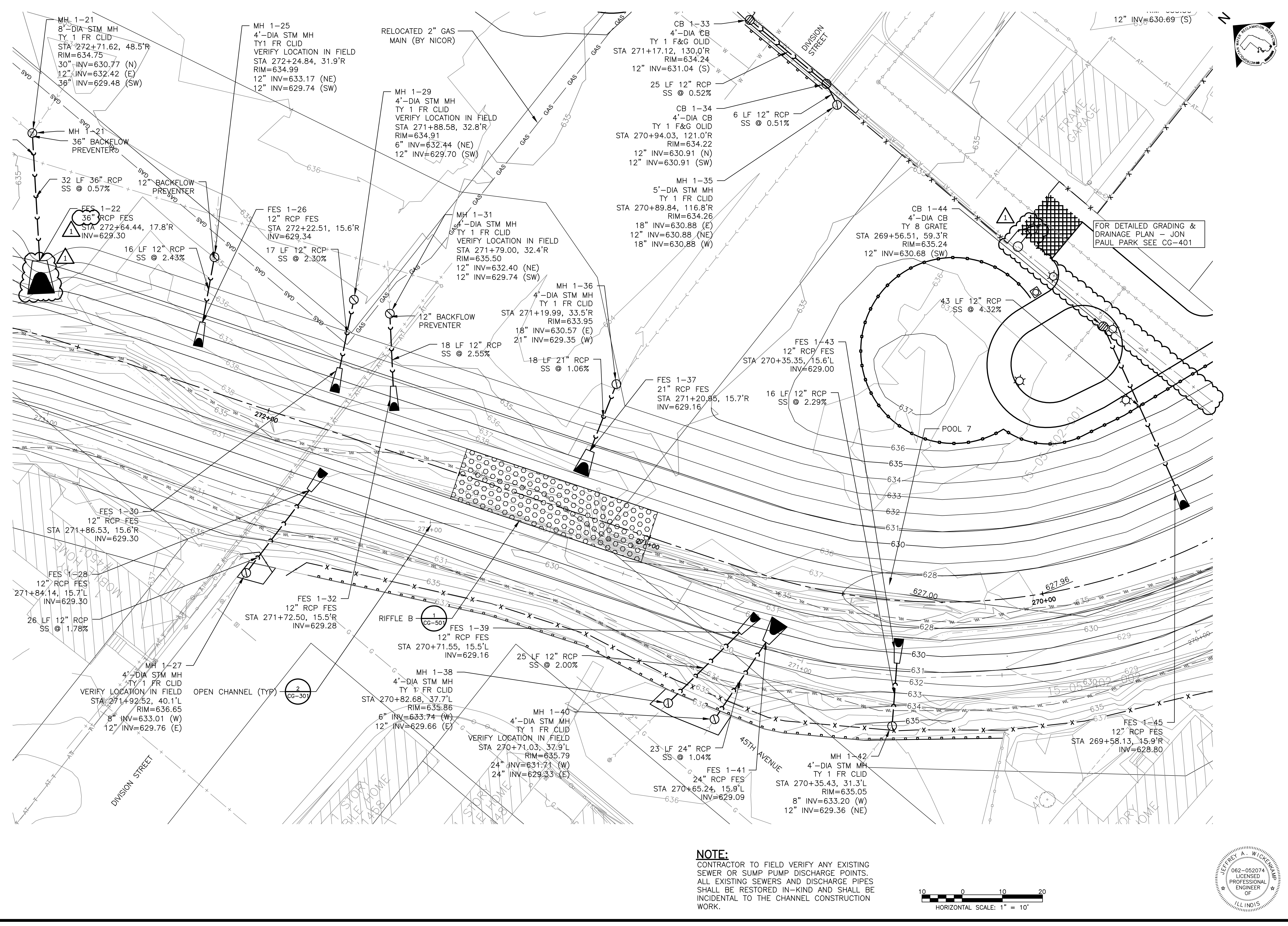
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 LICENSE NO. 18406289

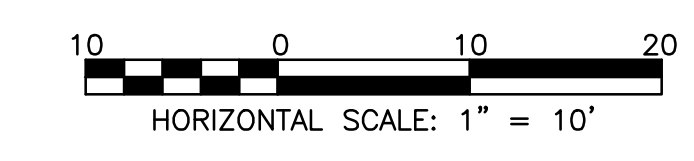
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 1
 STA. 274+40 TO STA. 269+20

Sheet Number:
CG-203
 Page Number: 105



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
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Designed by: TCT
 Checked by: PML
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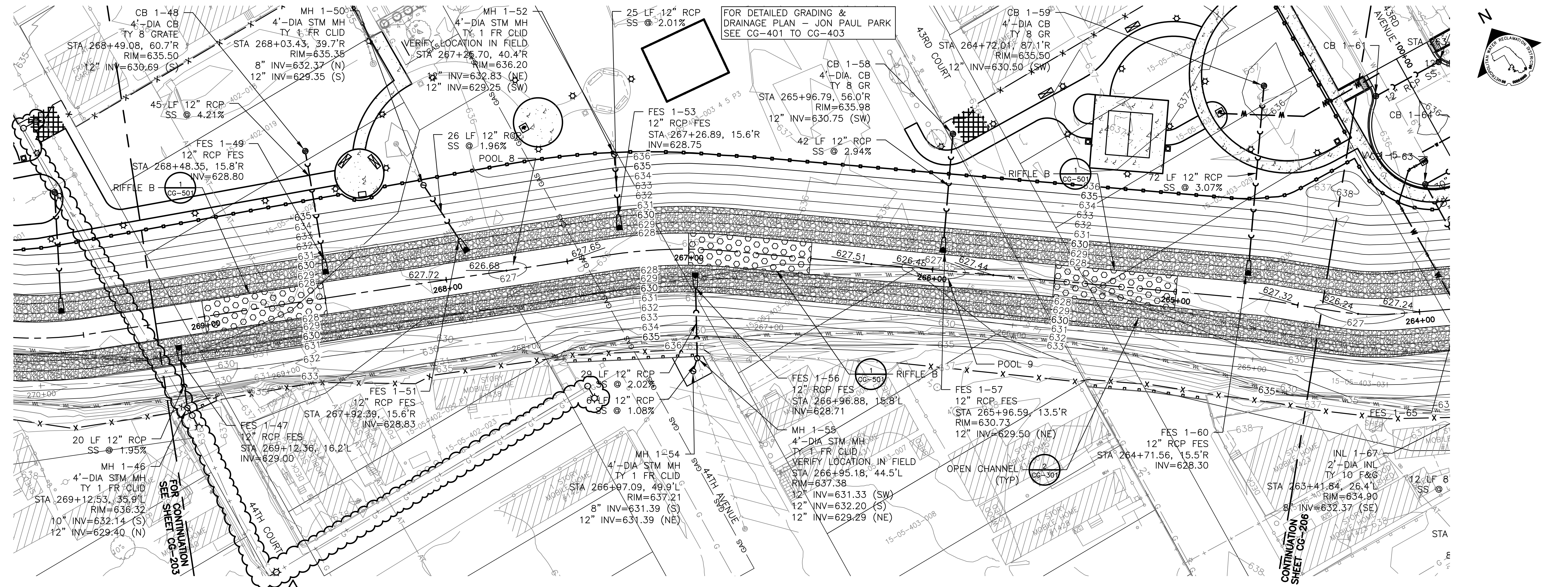
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 PROFESSIONAL DESIGN FIRMS
 LICENSE NO. 18404289

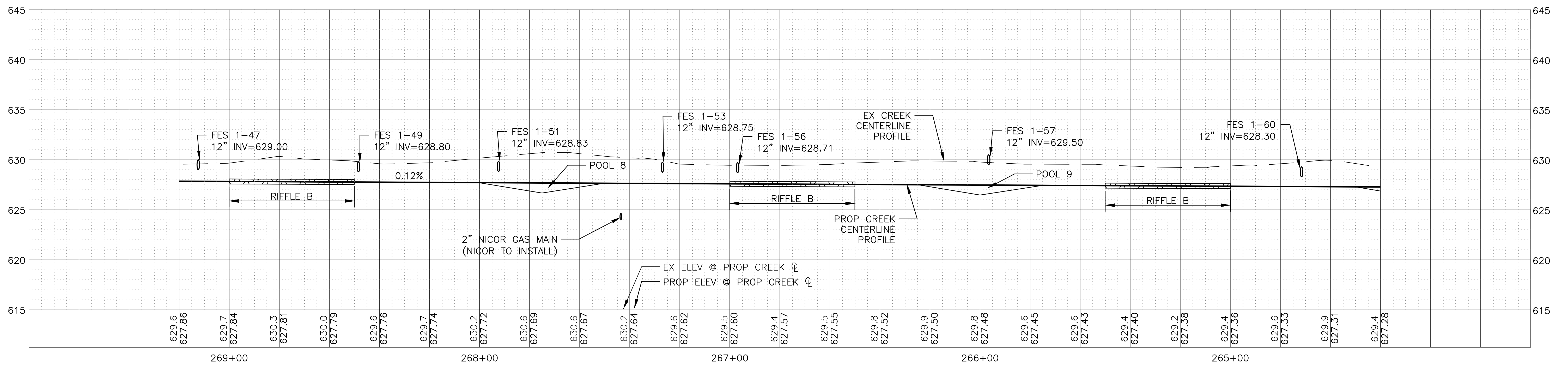
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 1 - DETAIL
 STA. 274+40 TO STA. 268+80

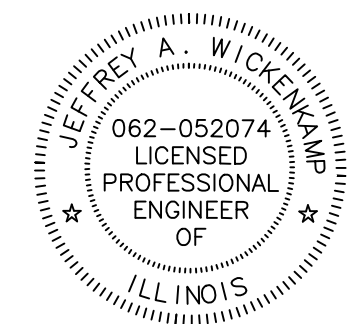
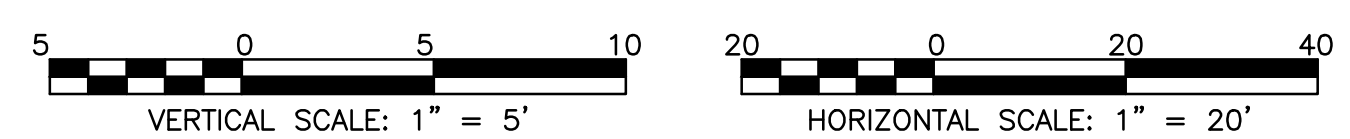
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PLAN
 STA. 269+20 TO STA. 264+40



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
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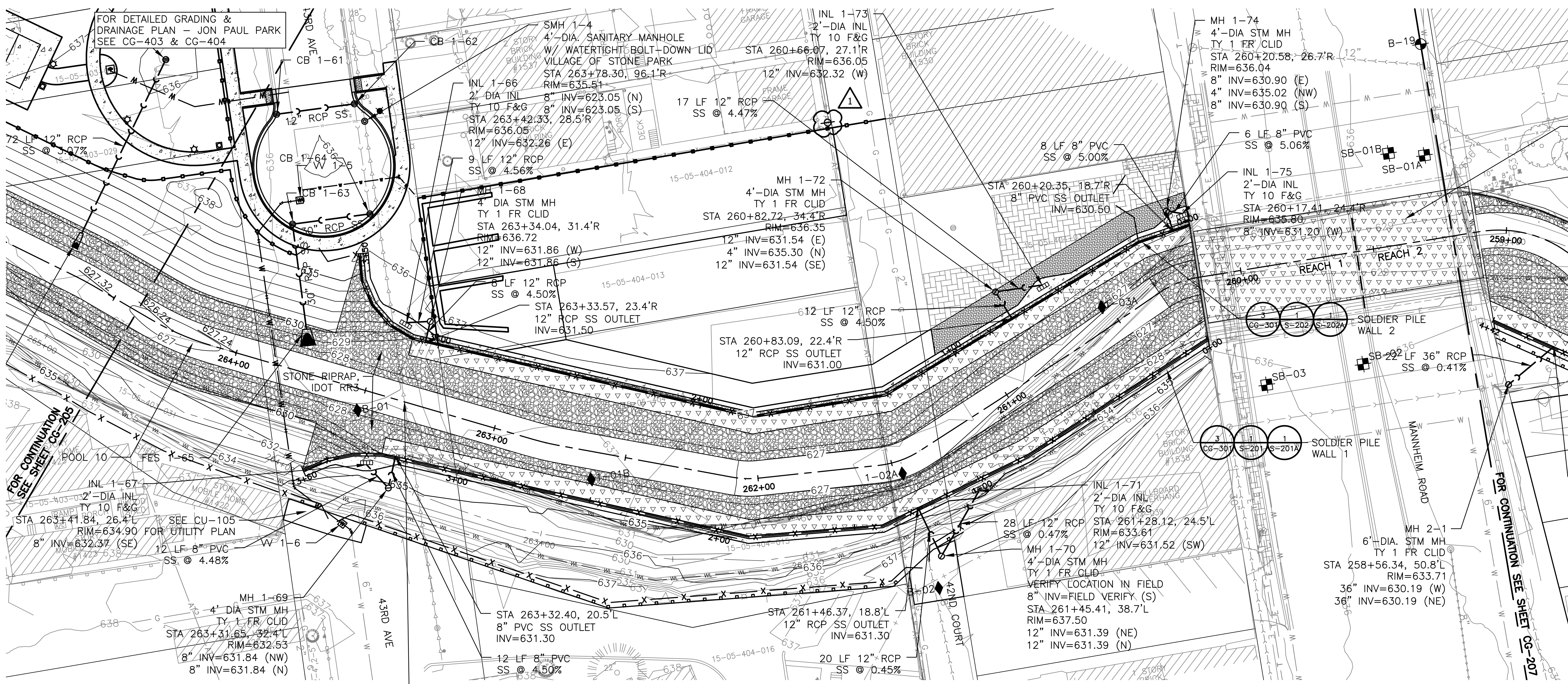
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 Engineering, Ecology and Landscape Architecture
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 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGNER, FIRM LICENSE NO. 18400287

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

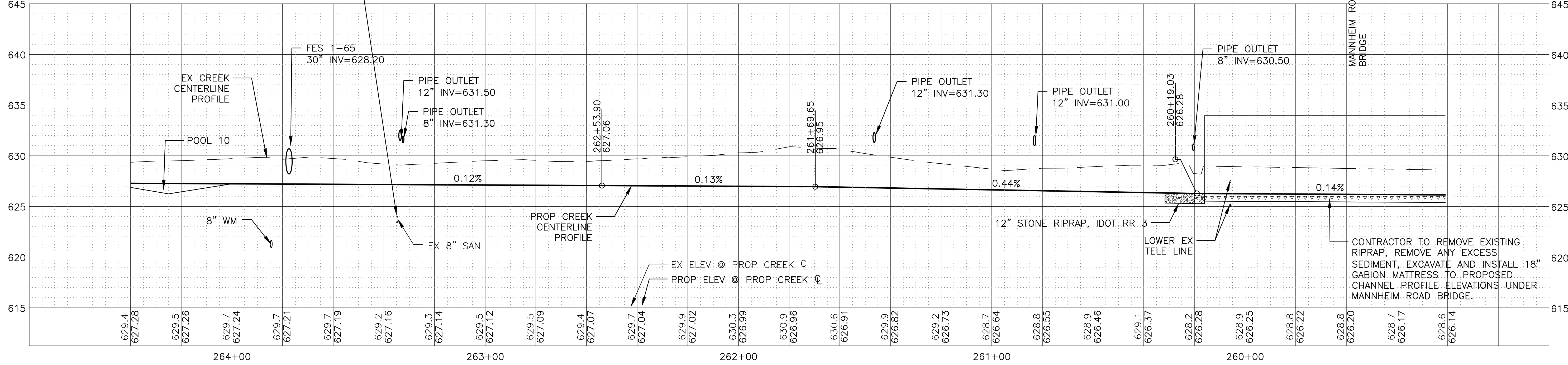
PLAN & PROFILE - REACH 1
 STA. 269+20 TO STA. 264+40

Sheet Number:
CG-205
 Page Number: 107



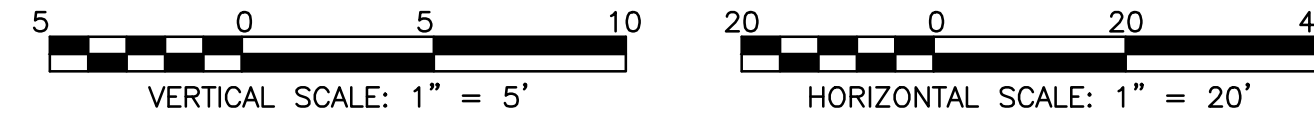
PLAN
 STA. 264+00 TO STA. 259+20

CONTRACTOR TO PERFORM EXPLORATORY EXCAVATION AND LOCATE EXISTING SANITARY SEWER CROSSING CREEK AND ADJUST SOLDIER PILE WALL PILE SPACING ON S-201 AND S-202 AS NECESSARY TO AVOID IT. ADJUSTMENTS TO BE APPROVED BY THE ENGINEER.



CONTRACTOR TO REMOVE EXISTING RIPRAP, REMOVE ANY EXCESS SEDIMENT, EXCAVATE AND INSTALL 18" GABION MATTRESS TO PROPOSED CHANNEL PROFILE ELEVATIONS UNDER MANNHEIM ROAD BRIDGE.

NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



CONTRACTOR TO REMOVE EXISTING RIPRAP, REMOVE ANY EXCESS SEDIMENT, EXCAVATE AND INSTALL 18" GABION MATTRESS TO PROPOSED CHANNEL PROFILE ELEVATIONS UNDER MANNHEIM ROAD BRIDGE.

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022

Reviewed by: JAW

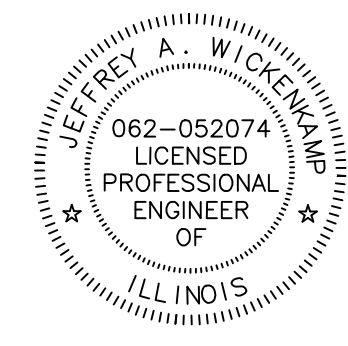
Hey and Associates, Inc.
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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 ILLINOIS LICENSE NO. 184002829

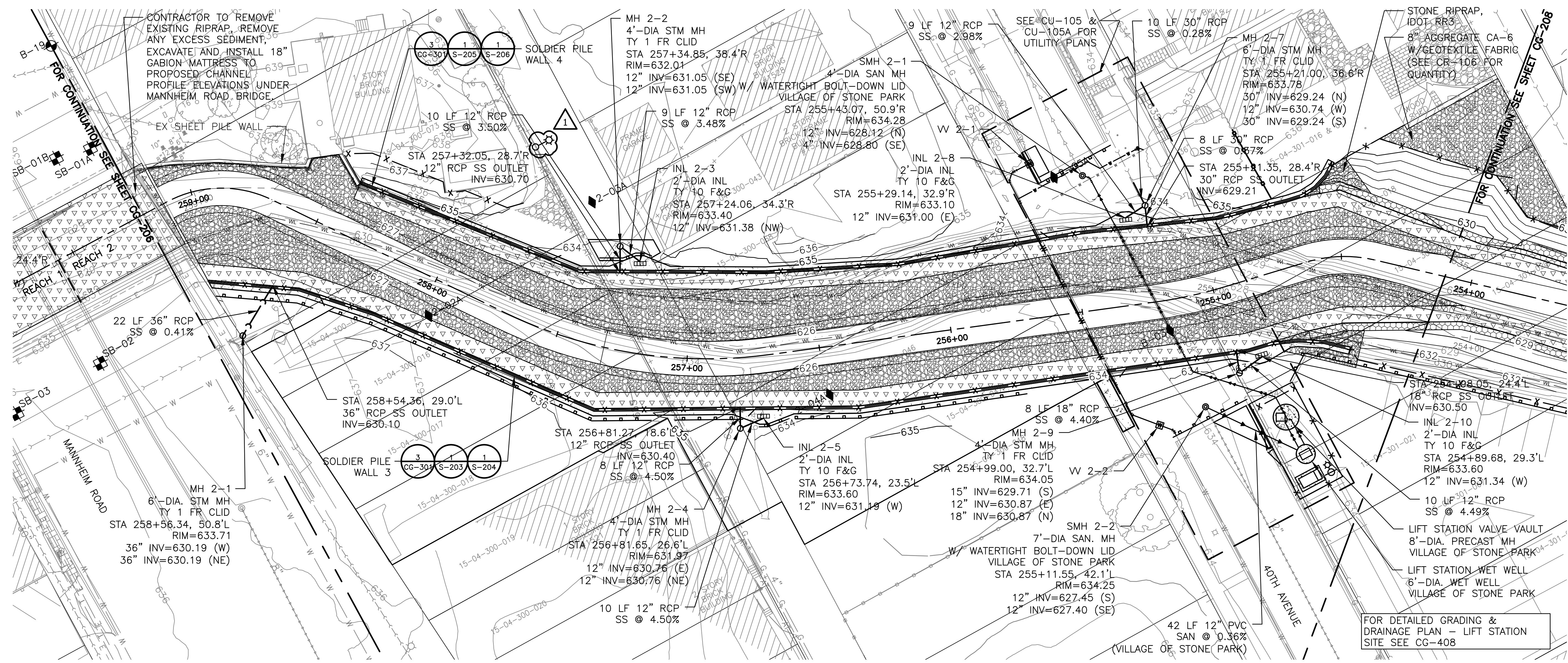
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DRAFT
PLAN & PROFILE - REACH 1
 STA. 264+40 TO STA. 259+20

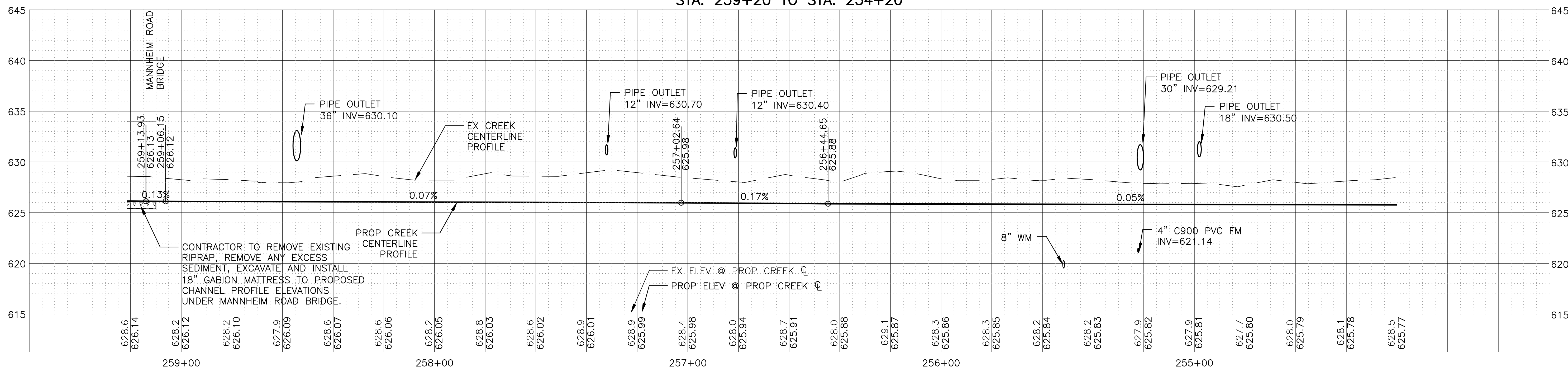
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Page Number: 108

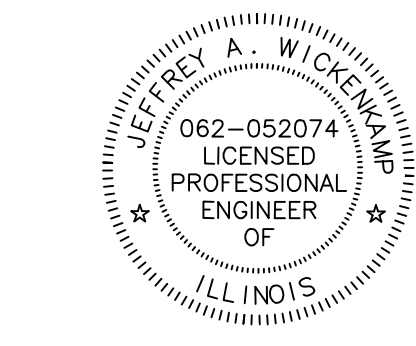
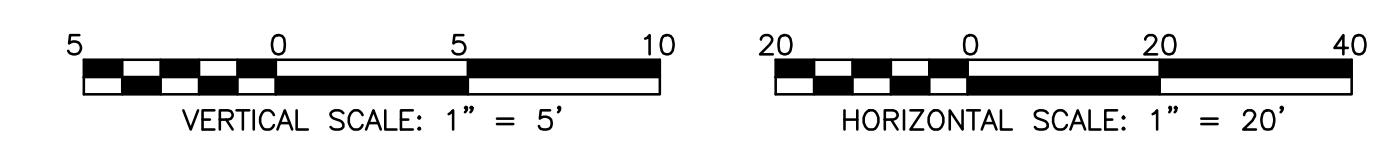




PLAN
 STA. 259+20 TO STA. 254+20



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

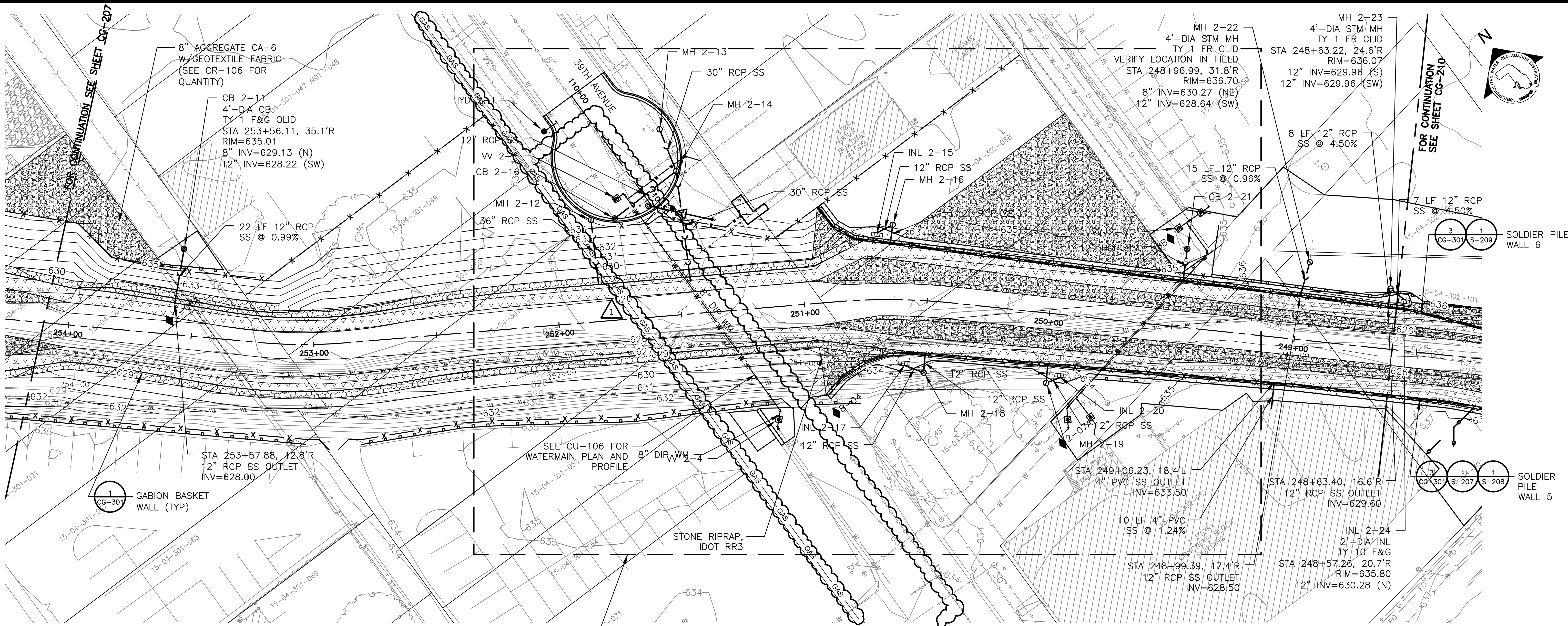
Scale: AS SHOWN
 Date: 2022

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 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 ILLINOIS LICENSE NO. 184402829

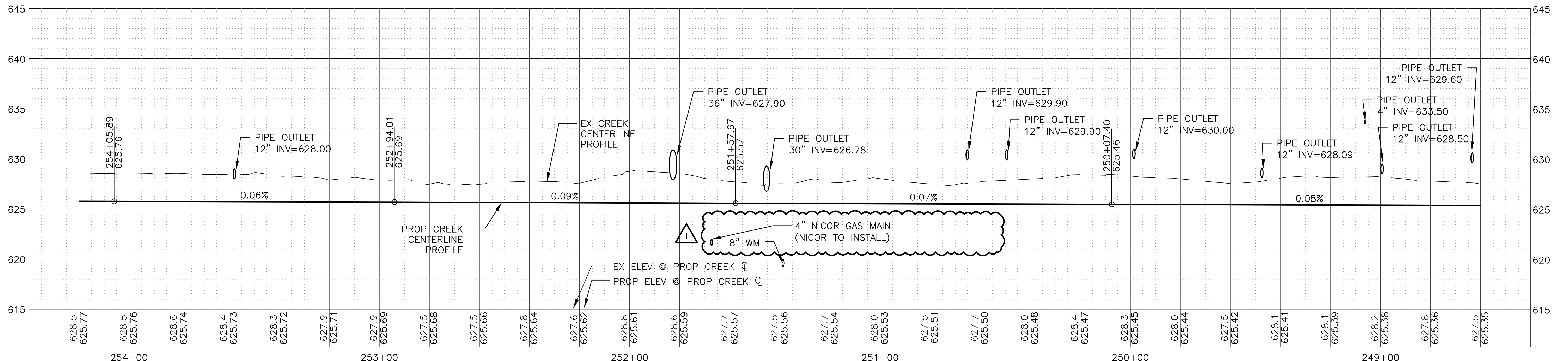
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 2
 STA. 259+20 TO STA. 254+20

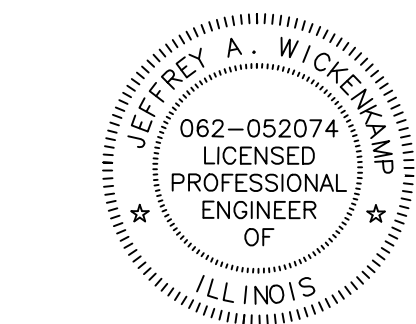
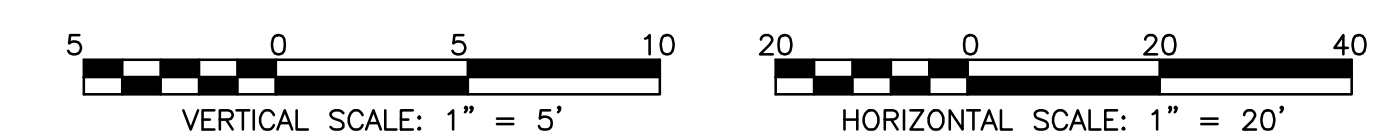
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SEE SHEET CG-209 FOR DETAILED PLAN IN THIS AREA
PLAN
 STA. 254+20 TO STA. 248+60



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 8	JAW	05/24/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
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 Correct:

Scale: AS SHOWN
 Date: 2022

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 License No. 18404289

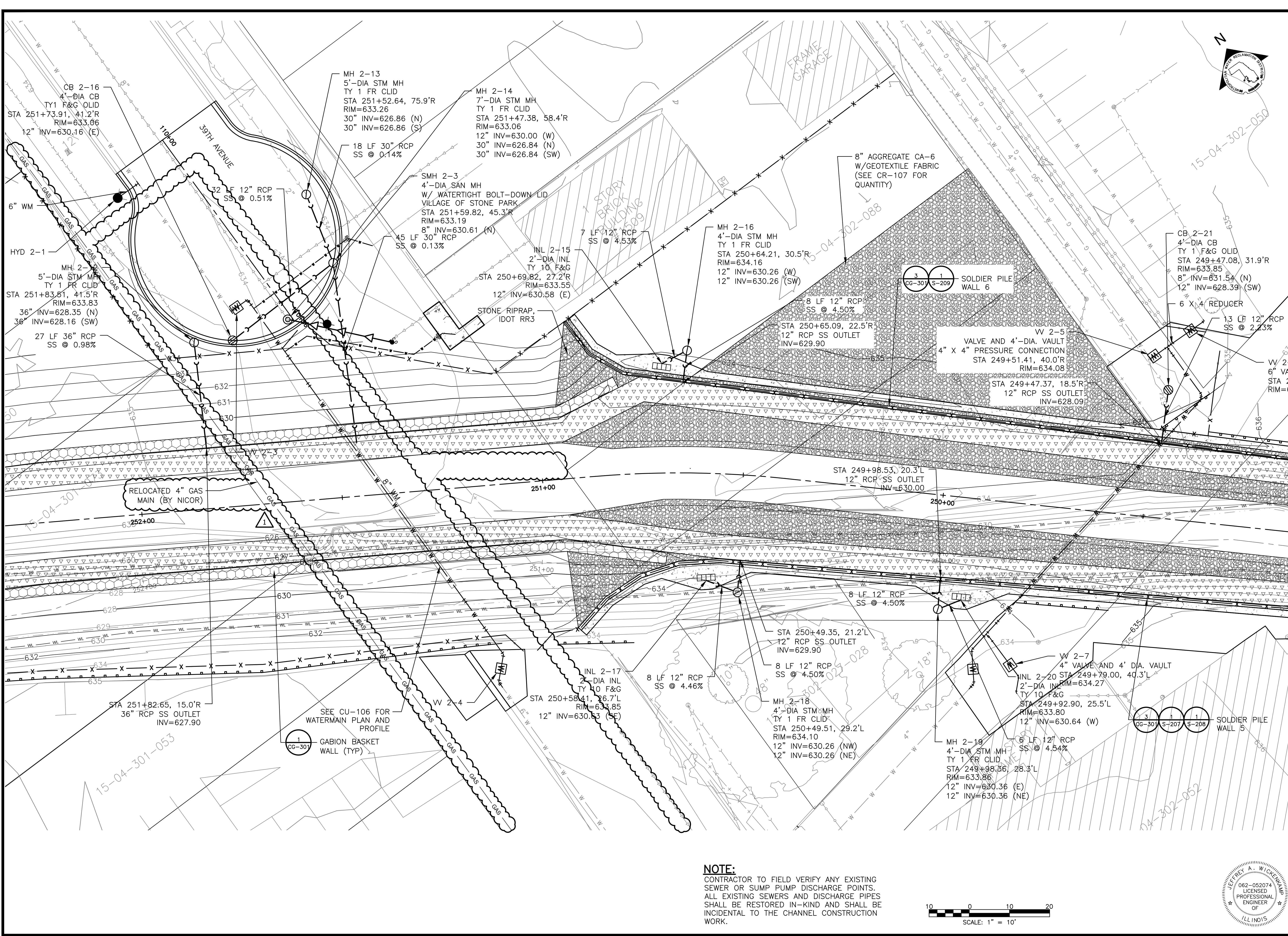
Hey and Associates, Inc.
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 CHICAGO, ILLINOIS 60631
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

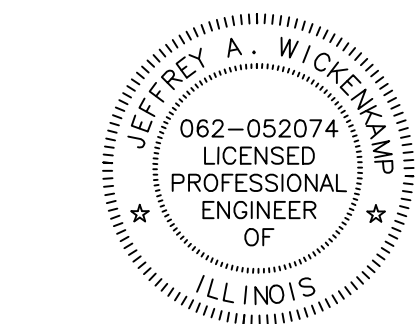
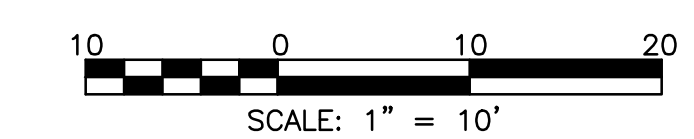
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 STA. 254+20 TO STA. 248+60

Sheet Number:
CG-208
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NOTE:
CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 8	JAW	05/24/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
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Drawn by: KSS
Correct:

Scale: AS SHOWN
Date: 2022

Reviewed by: JAW

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OFFICE (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM
ILLINOIS LICENSE NO. 184002429

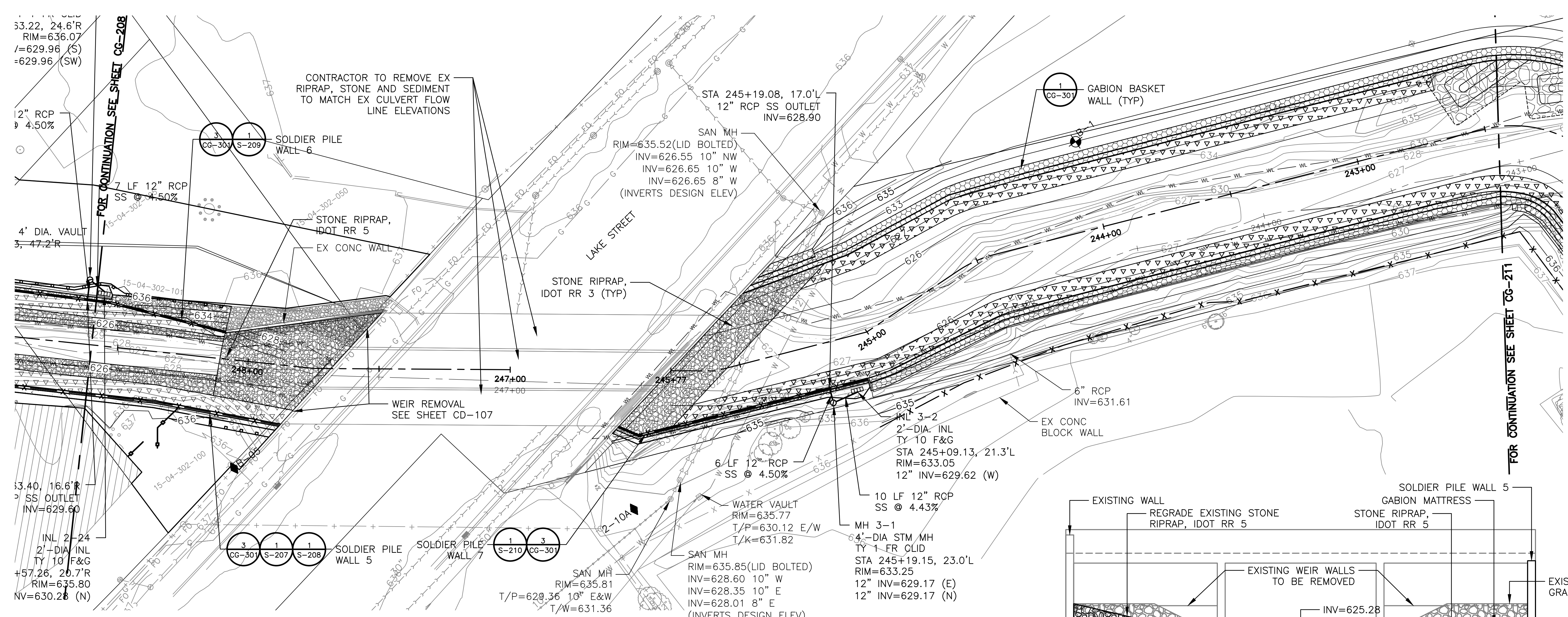
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 2 - DETAIL
STA. 252+00 TO STA. 249+50

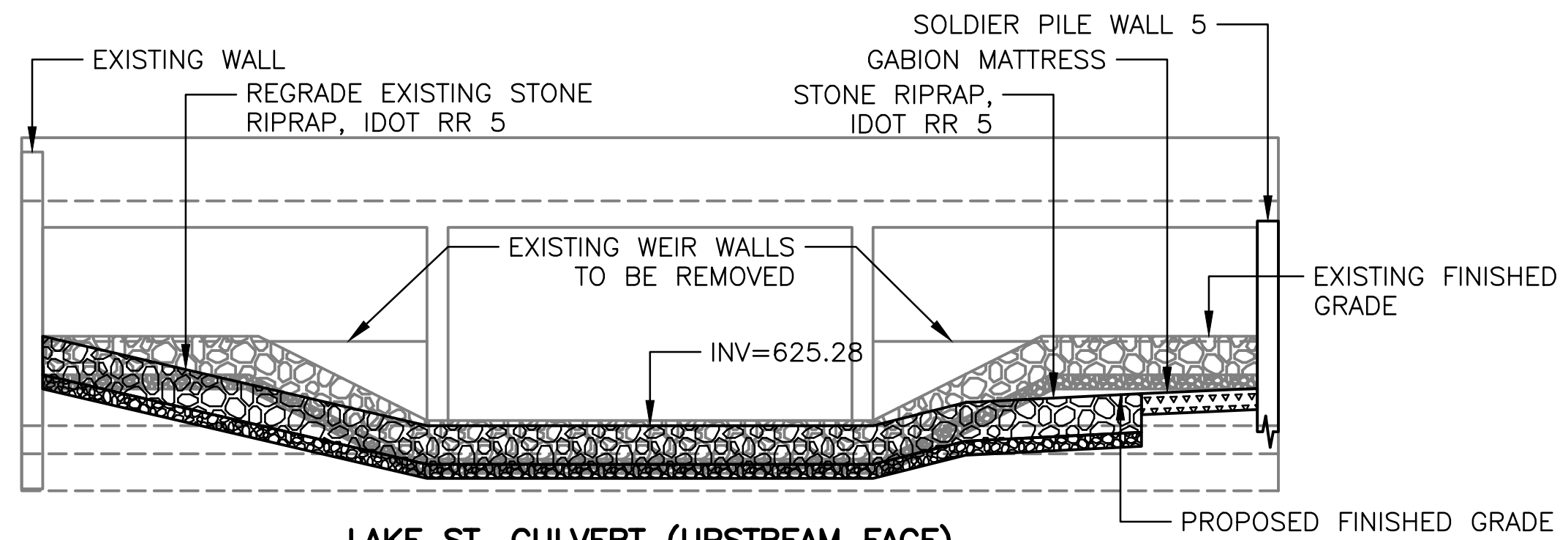
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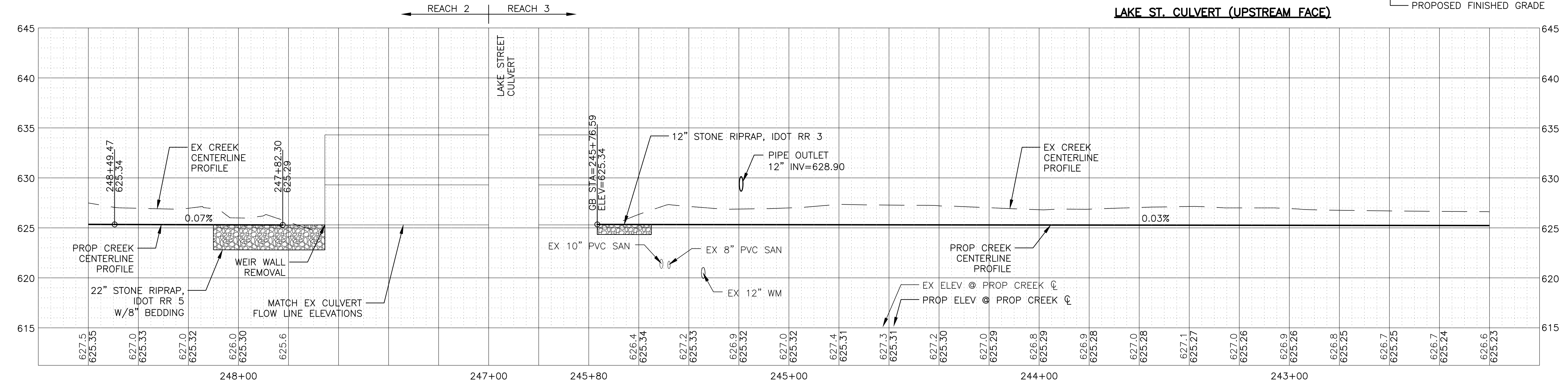
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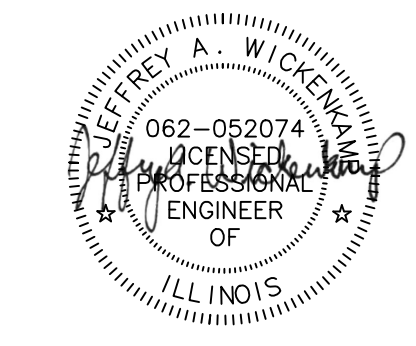
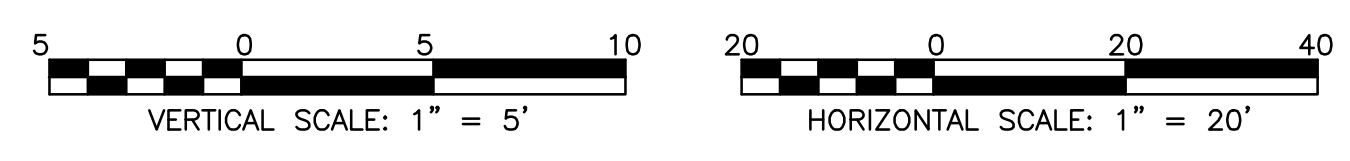
PLAN
 REACH 2 STA. 248+60 TO STA. 247+68 &
 REACH 3 STA. 245+77 TO STA. 242+20



LAKE ST. CULVERT (UPSTREAM FACE)



NOTE:
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Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 ILLINOIS LICENSE NO. 18404287

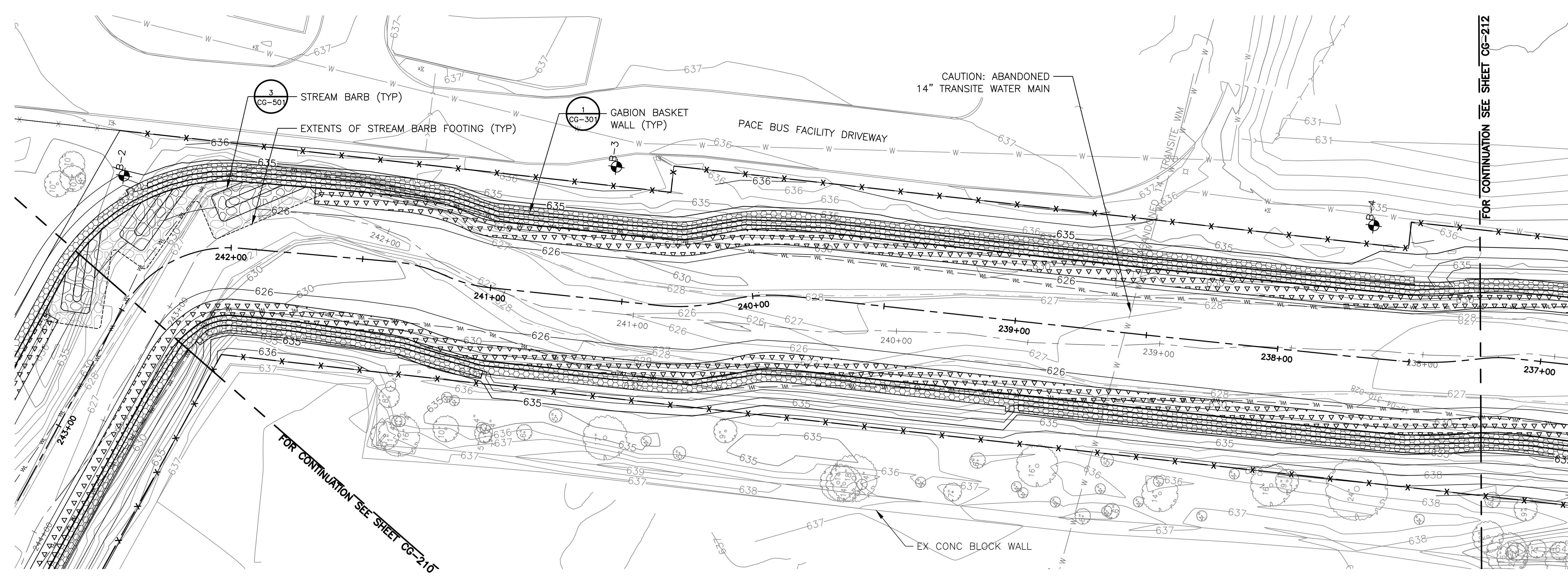
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 Reviewed by: JAW
 Date: 2022
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

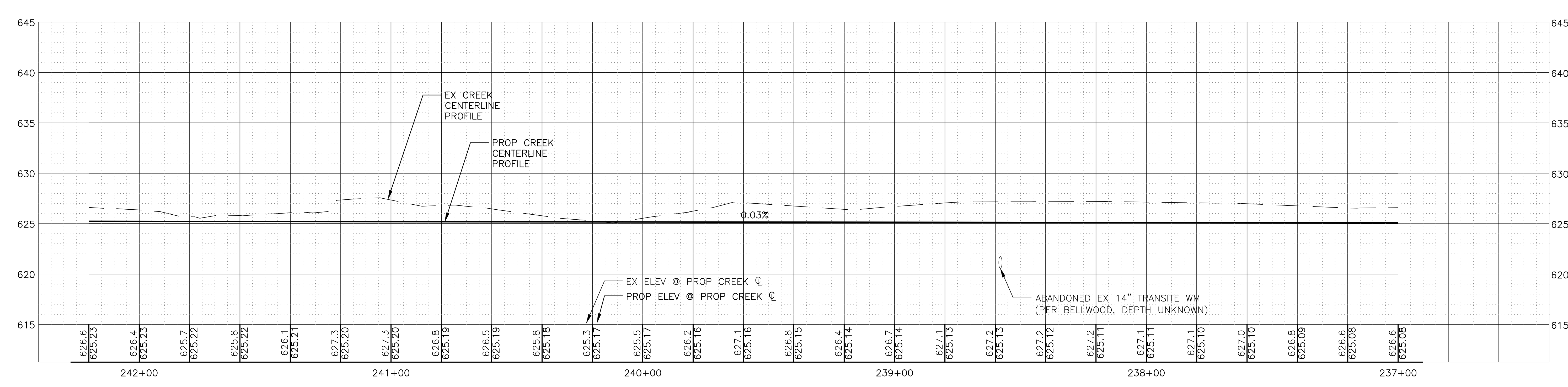
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Sheet Number:
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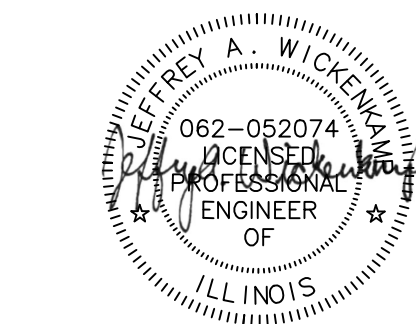
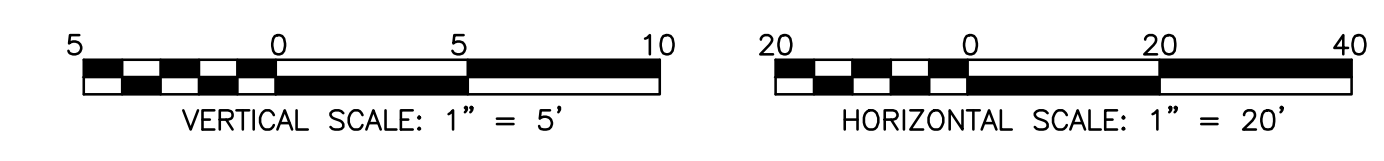
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PLAN
 STA. 242+20 TO STA. 237+00



NOTE:
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Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
 Checked by: PML
 Drawn by: KSS
 Correct: KSS

Scale: AS SHOWN
 Date: 2022

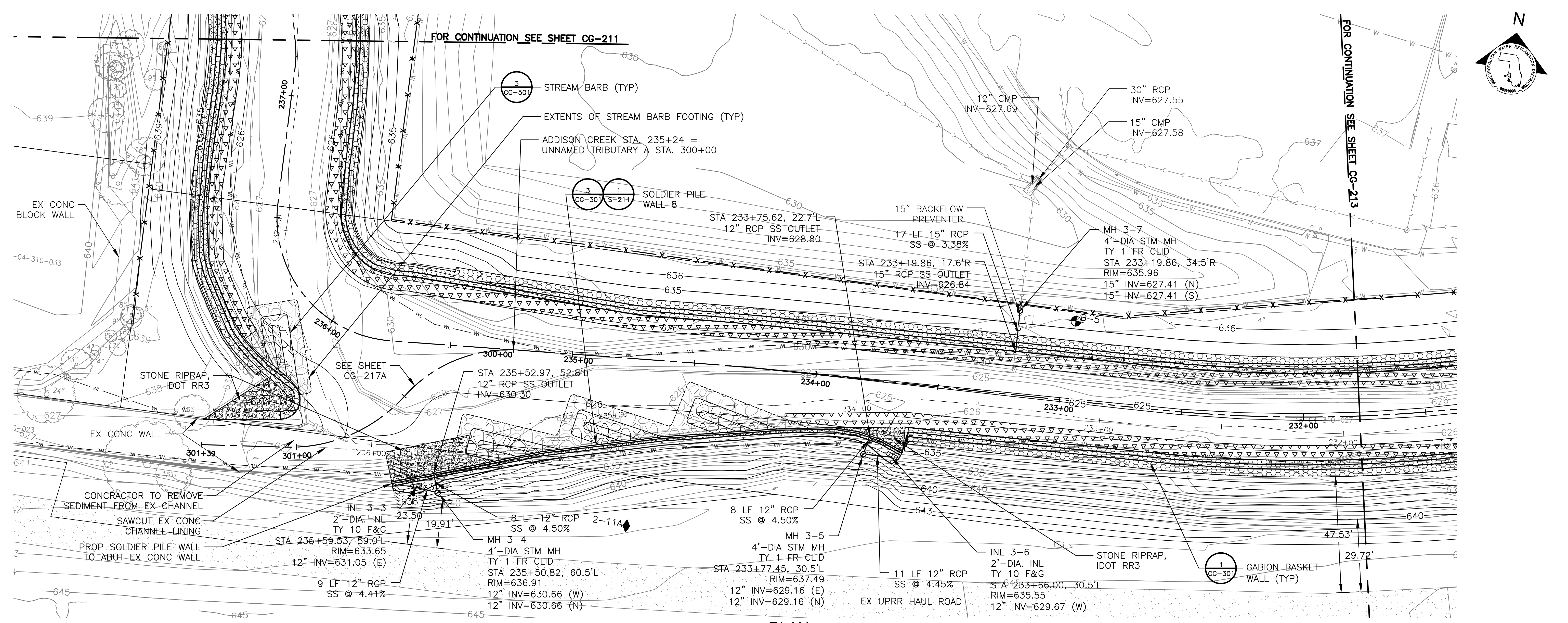
Hey and Associates, Inc.
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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

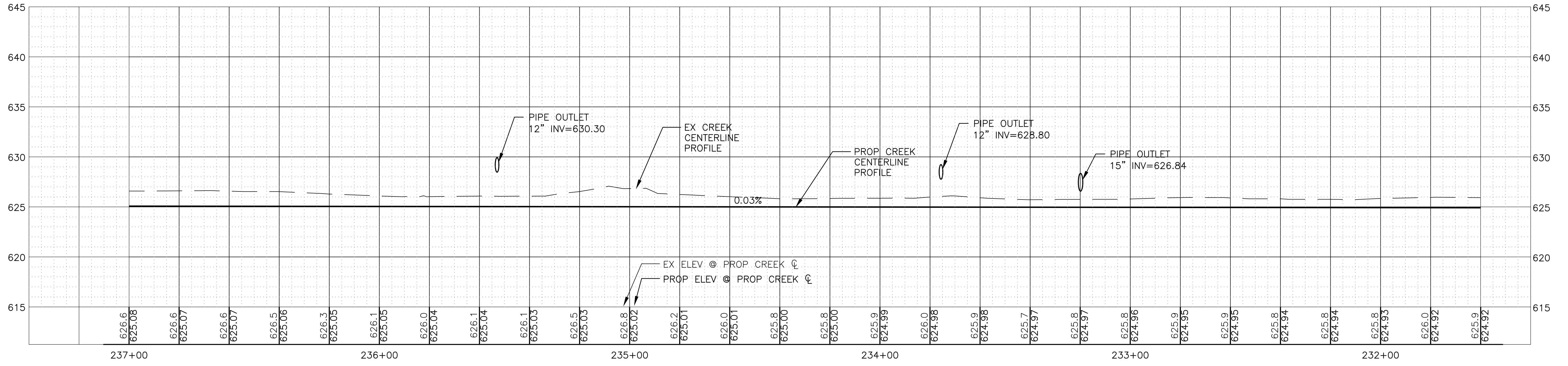
PLAN & PROFILE - REACH 3
 STA. 242+20 TO STA. 237+00

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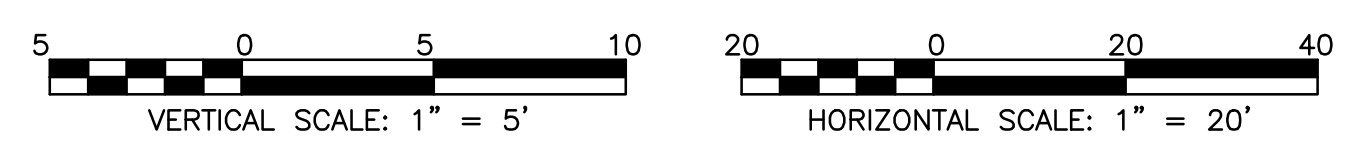
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PLAN
 STA. 237+00 TO STA. 231+60



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
 Checked by: PML
 Drawn by: KSS
 Correct: JAW

Scale: AS SHOWN
 Date: 2022

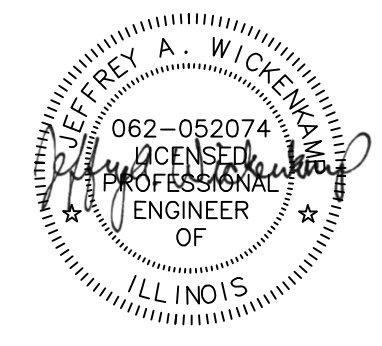
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 LICENSE NO. 18406289

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

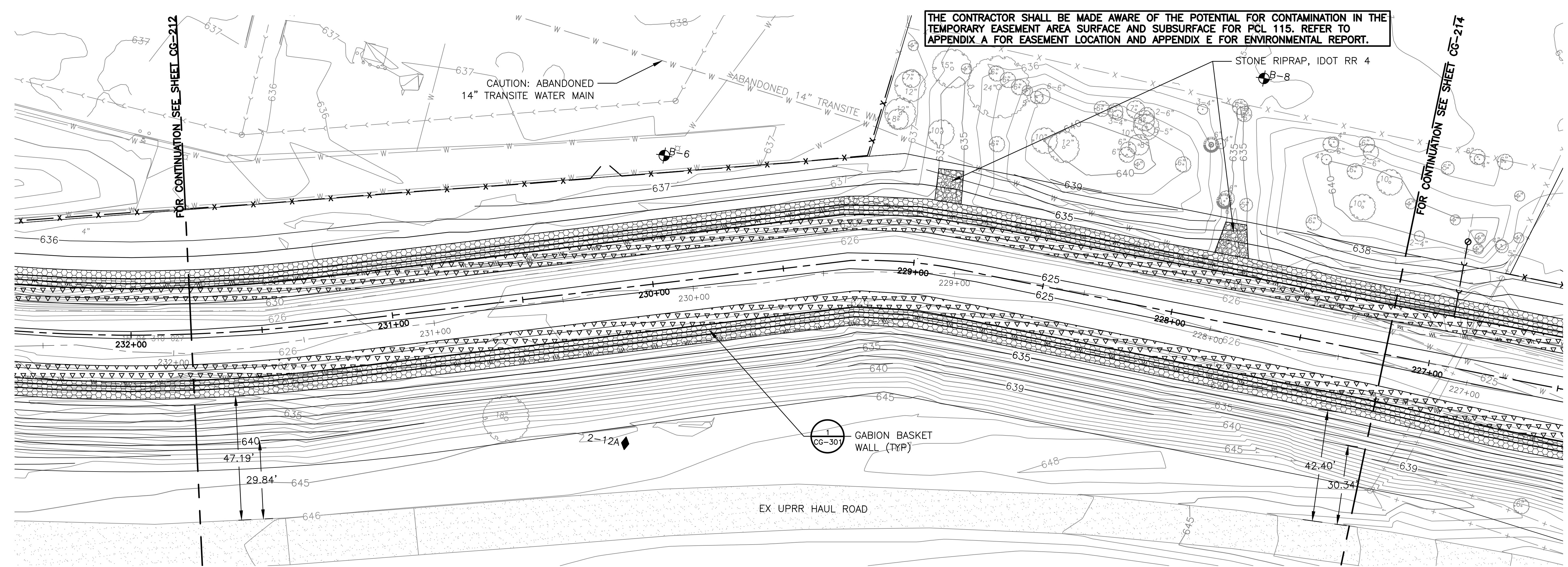
PLAN & PROFILE - REACH 3
 STA. 237+00 TO STA. 231+60

Sheet Number:
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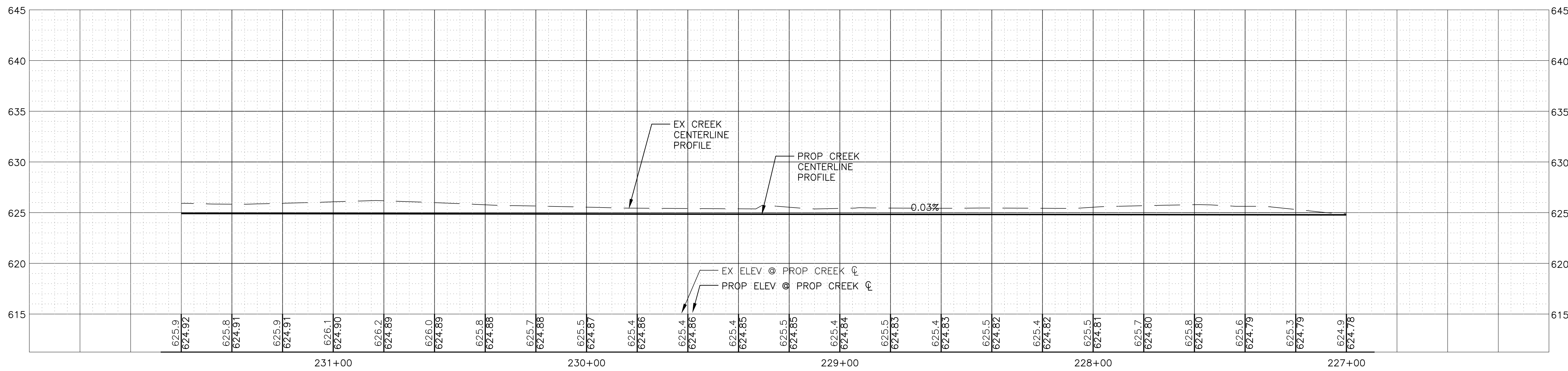
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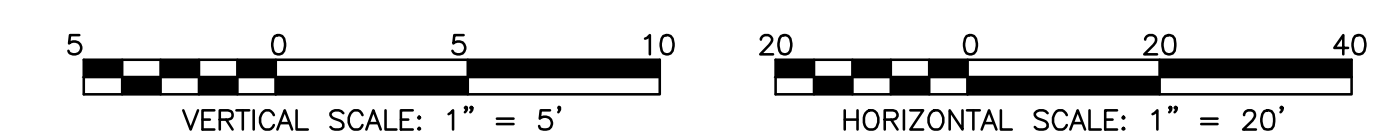
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PLAN
STA. 231+60 TO STA. 227+00



NOTE:
CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



THE CONTRACTOR SHALL BE MADE AWARE OF THE POTENTIAL FOR CONTAMINATION IN THE TEMPORARY EASEMENT AREA SURFACE AND SUBSURFACE FOR PCL 115. REFER TO APPENDIX A FOR EASEMENT LOCATION AND APPENDIX E FOR ENVIRONMENTAL REPORT.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
Checked by: PML
AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

Scale: AS SHOWN

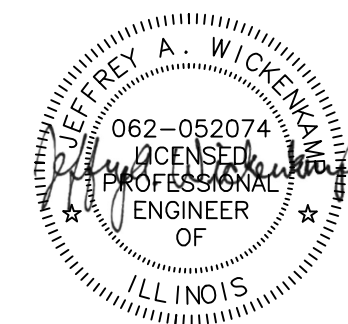
Hey and Associates, Inc.
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8755 WEST HERGAS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 699-9200
Chicago@HEYASOCI.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18400287

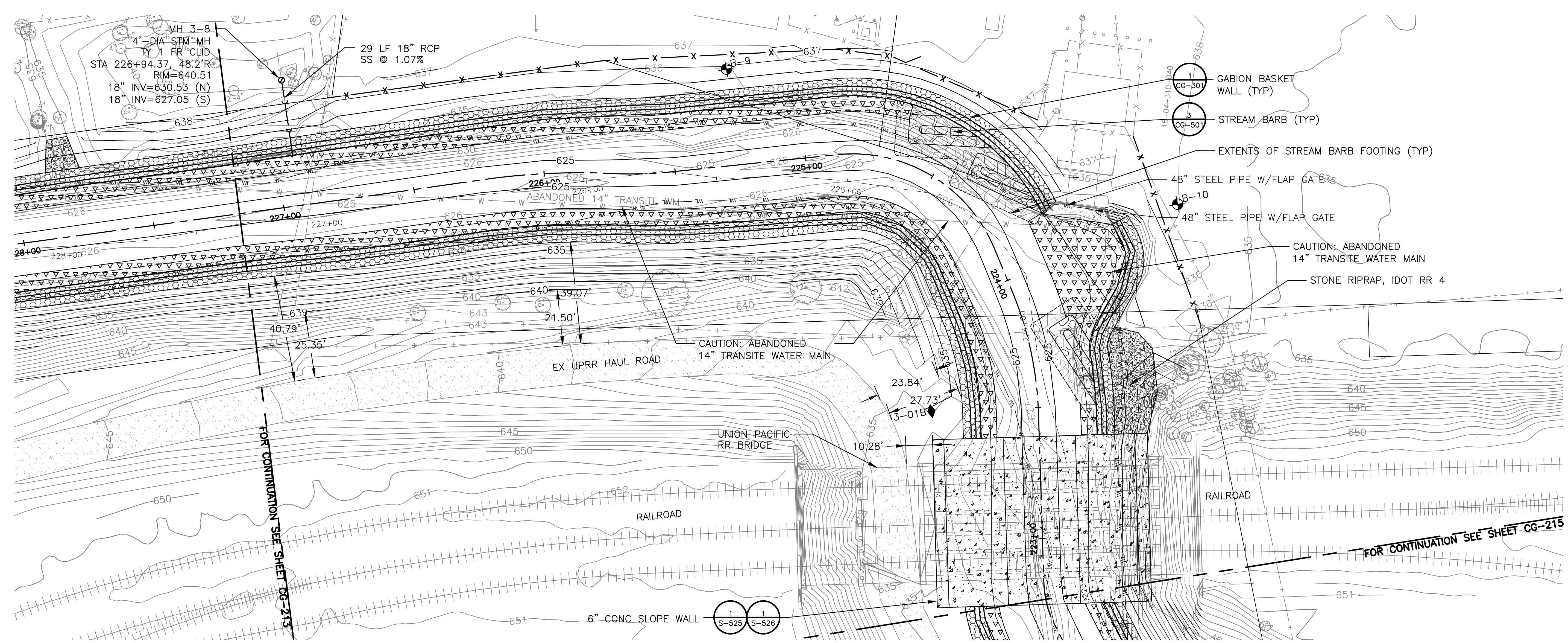
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 3
STA. 231+60 TO STA. 227+00

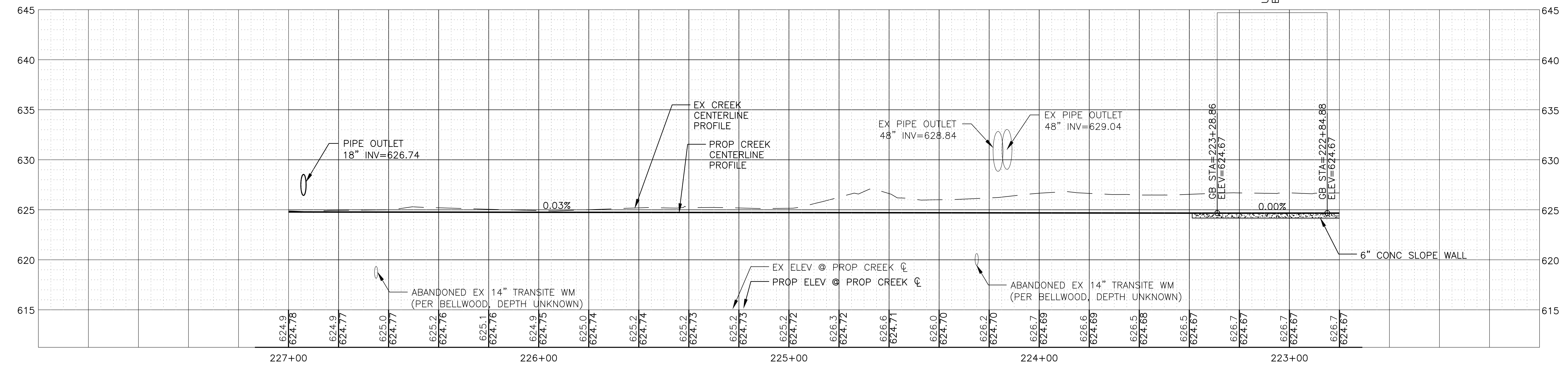
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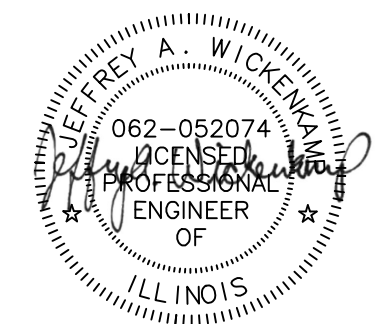
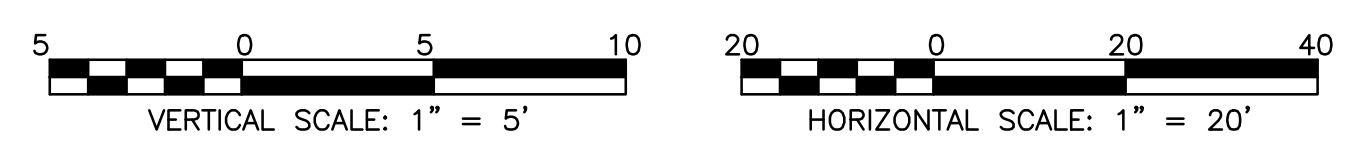




PLAN
 STA. 227+00 TO STA. 228+80



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

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 CHICAGO@HEYANDASSOCIATES.COM

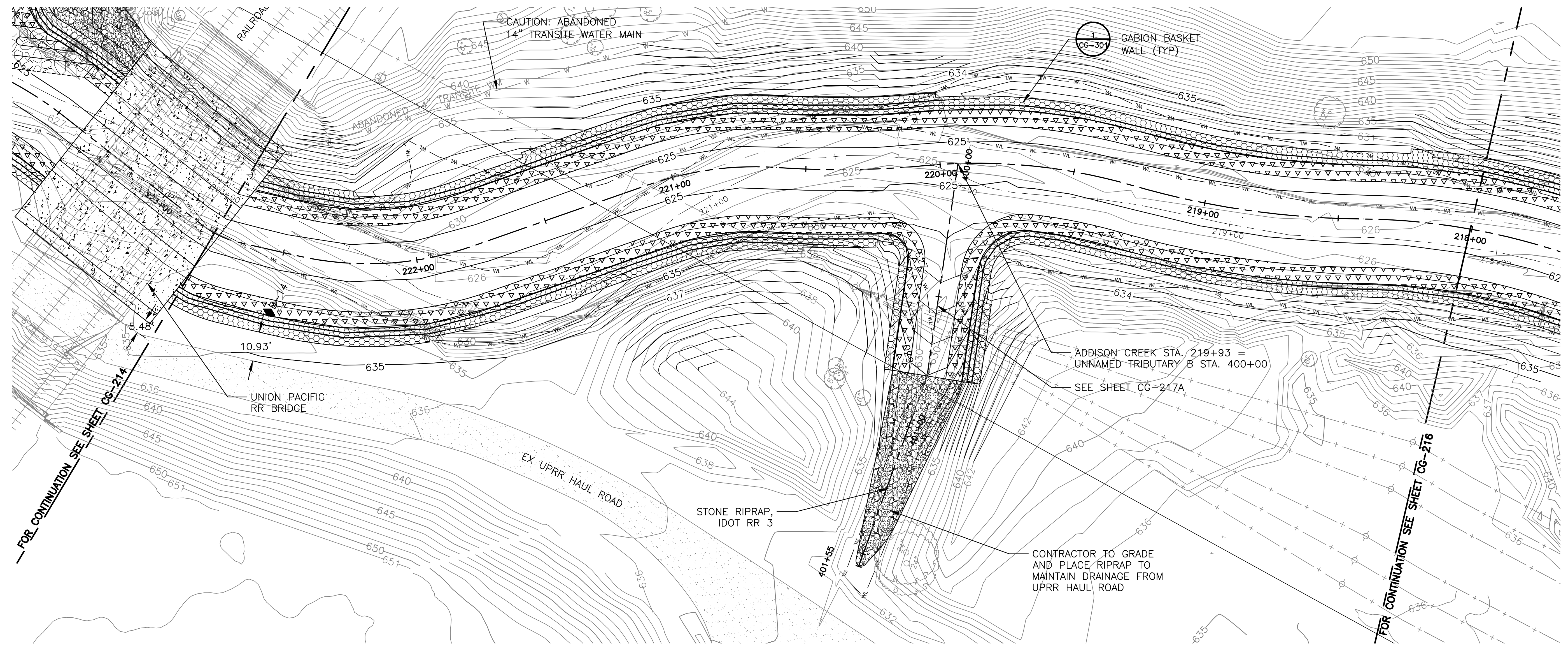
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 Checked by: PML
 Drawn by: KSS
 Correct: KSS

Scale: AS SHOWN
 Date: 2022

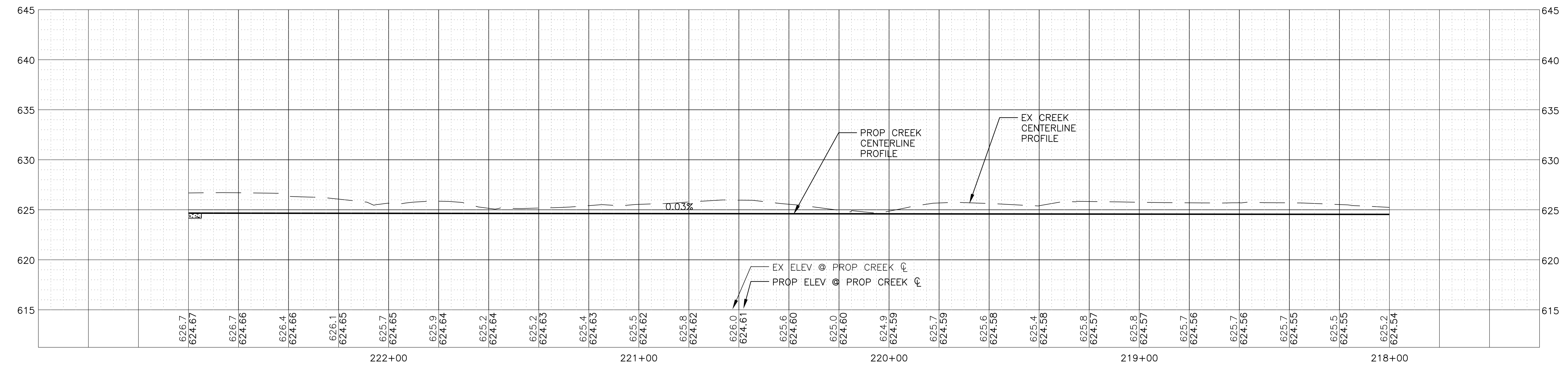
Reviewed by: JAW

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

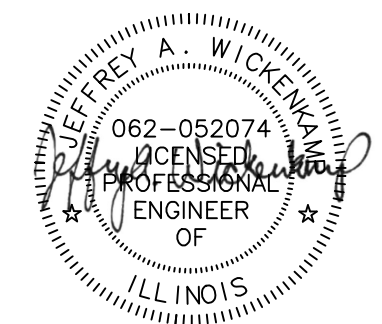
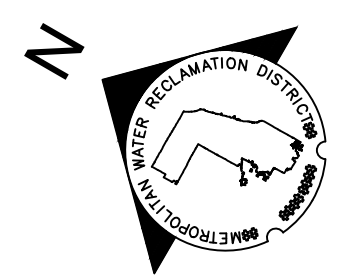
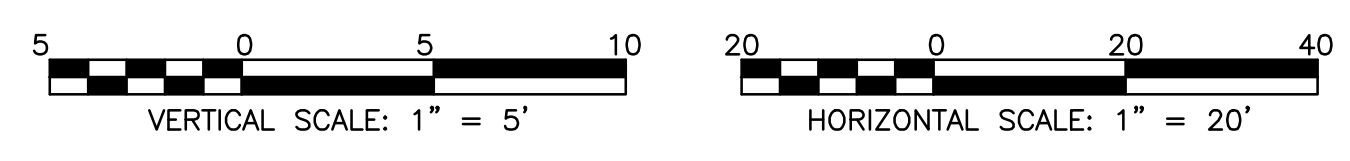
PLAN & PROFILE - REACH 3
 STA. 227+00 TO STA. 228+80



PLAN
 STA. 222+80 TO STA. 218+00



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
 Checked by: PML
 Drawn by: KSS
 Correct: JAW

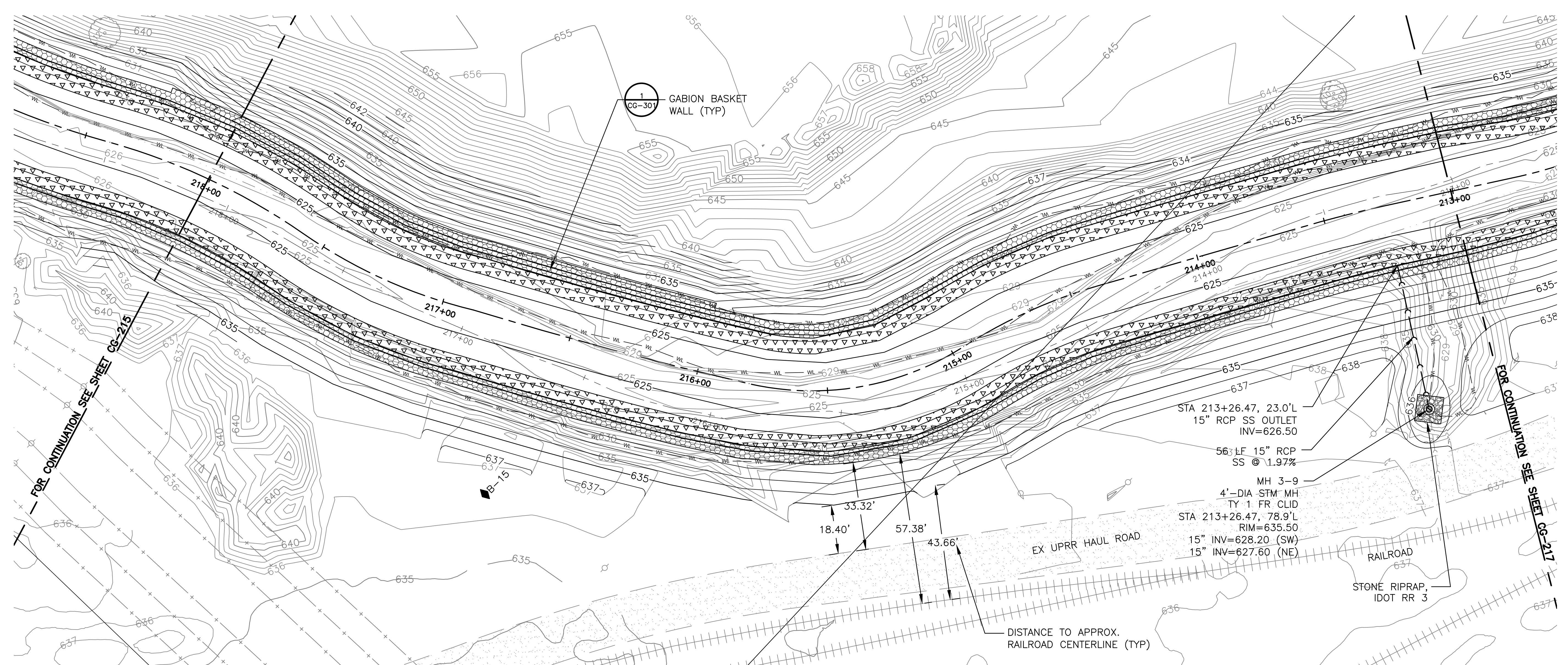
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 Date: 2022

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 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

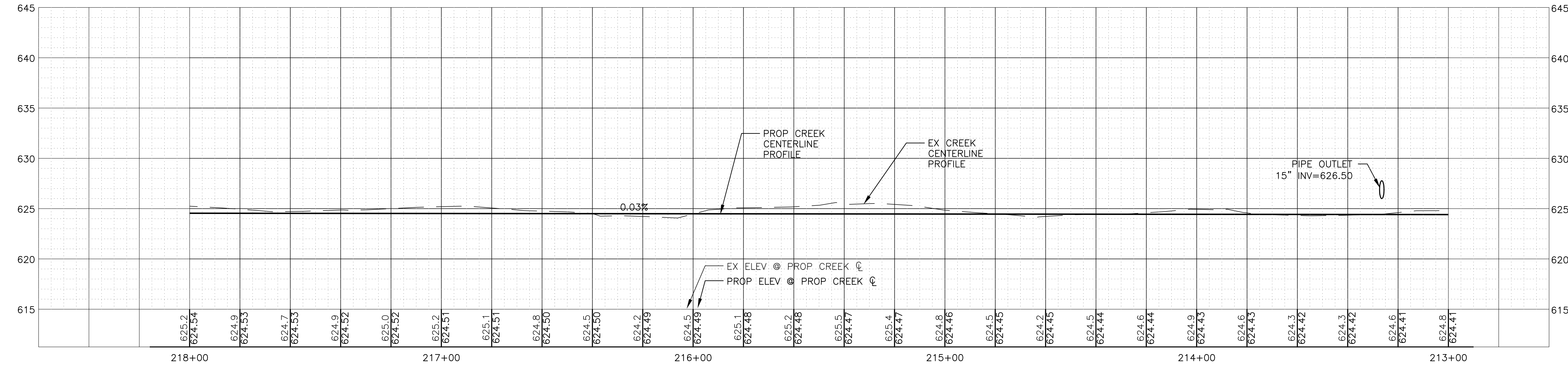
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 3
 STA. 222+80 TO STA. 218+00

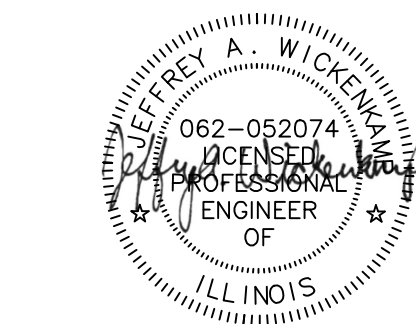
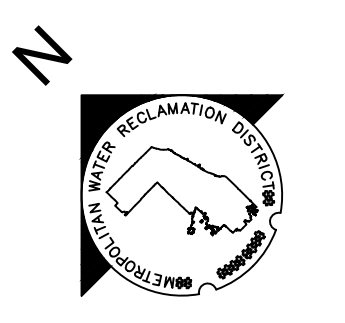
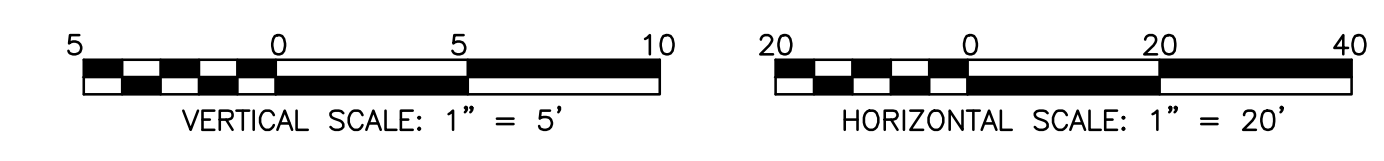
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PLAN
 STA. 218+00 TO STA. 213+00



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
 Checked by: PML
 Drawn by: KSS
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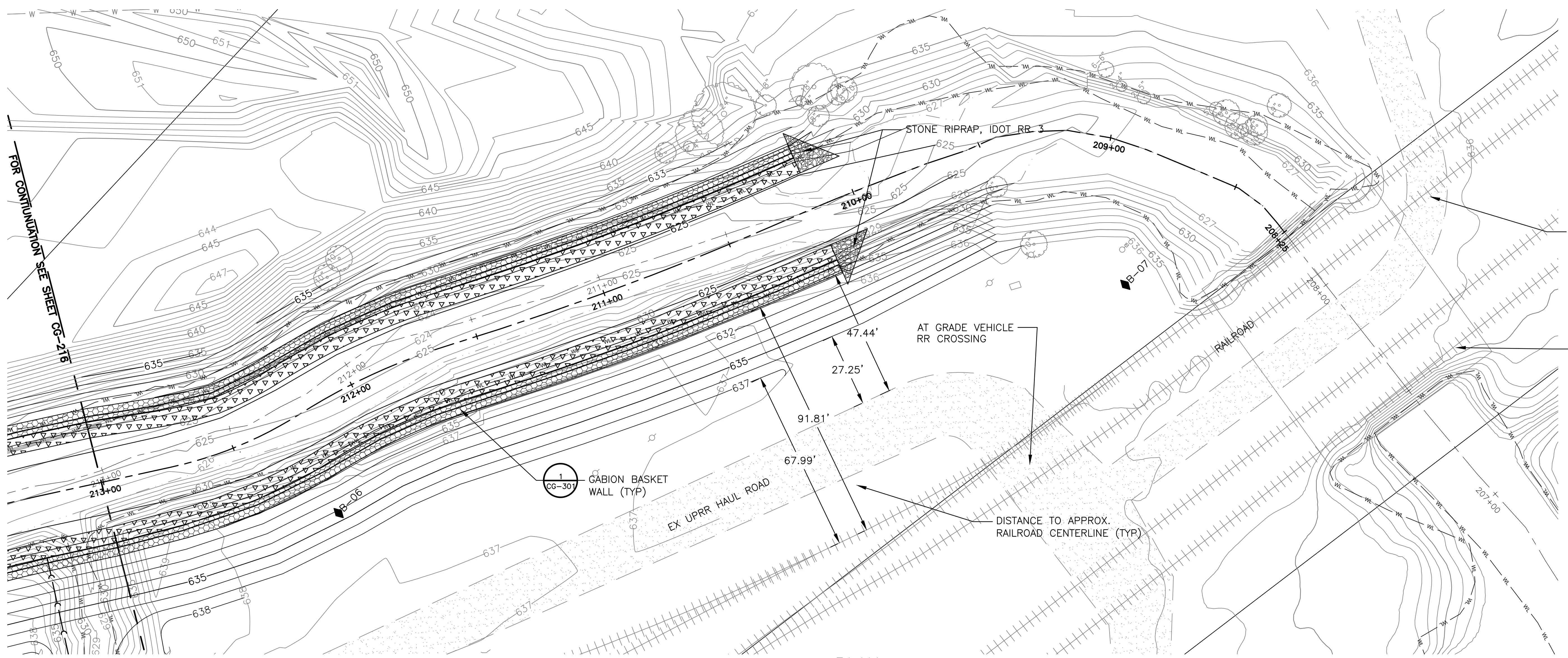
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 LICENSE NO. 184002829

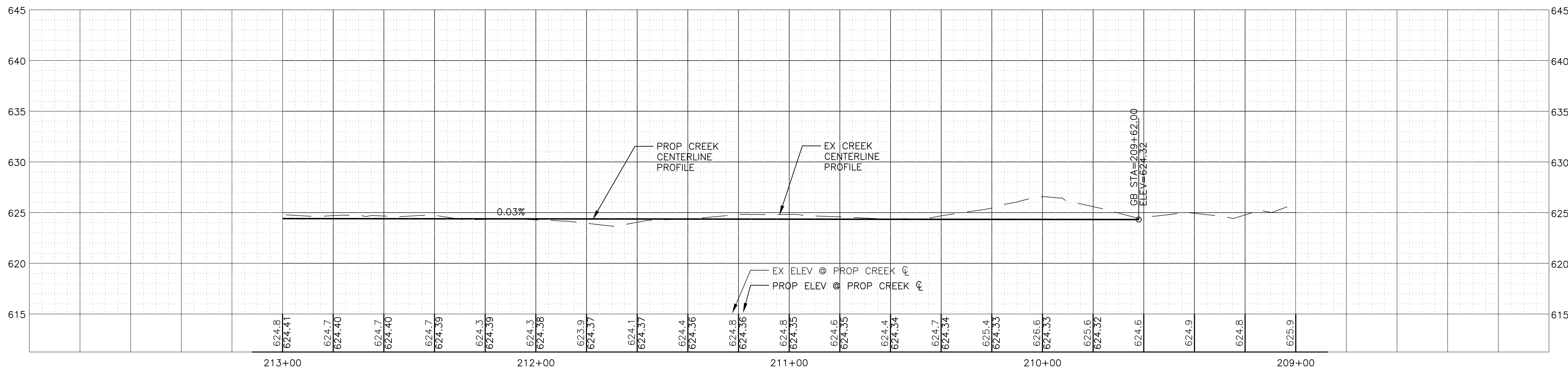
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 3
 STA. 218+00 TO STA. 213+00

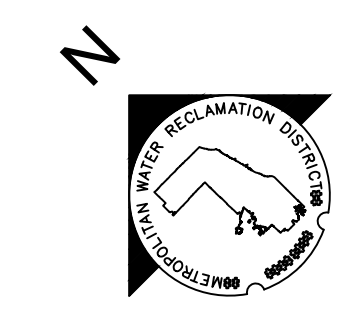
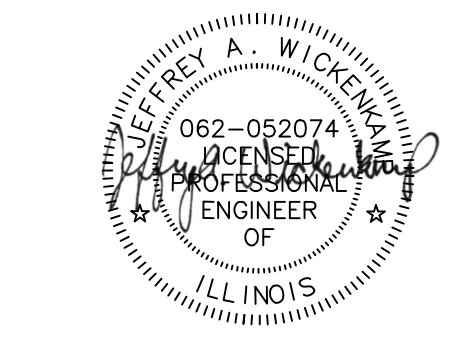
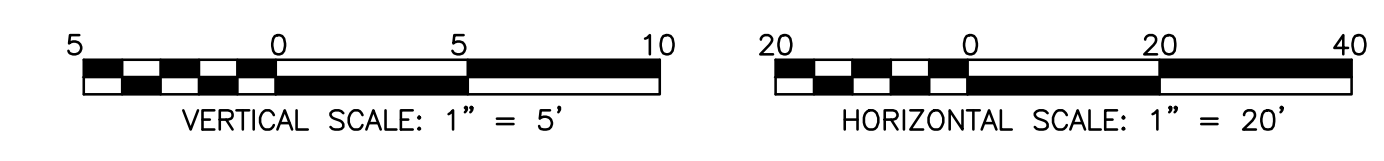
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PLAN
 STA. 213+00 TO STA. 209+00



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: KSS
 Checked by: PML
 Drawn by: KSS
 Correct: KSS

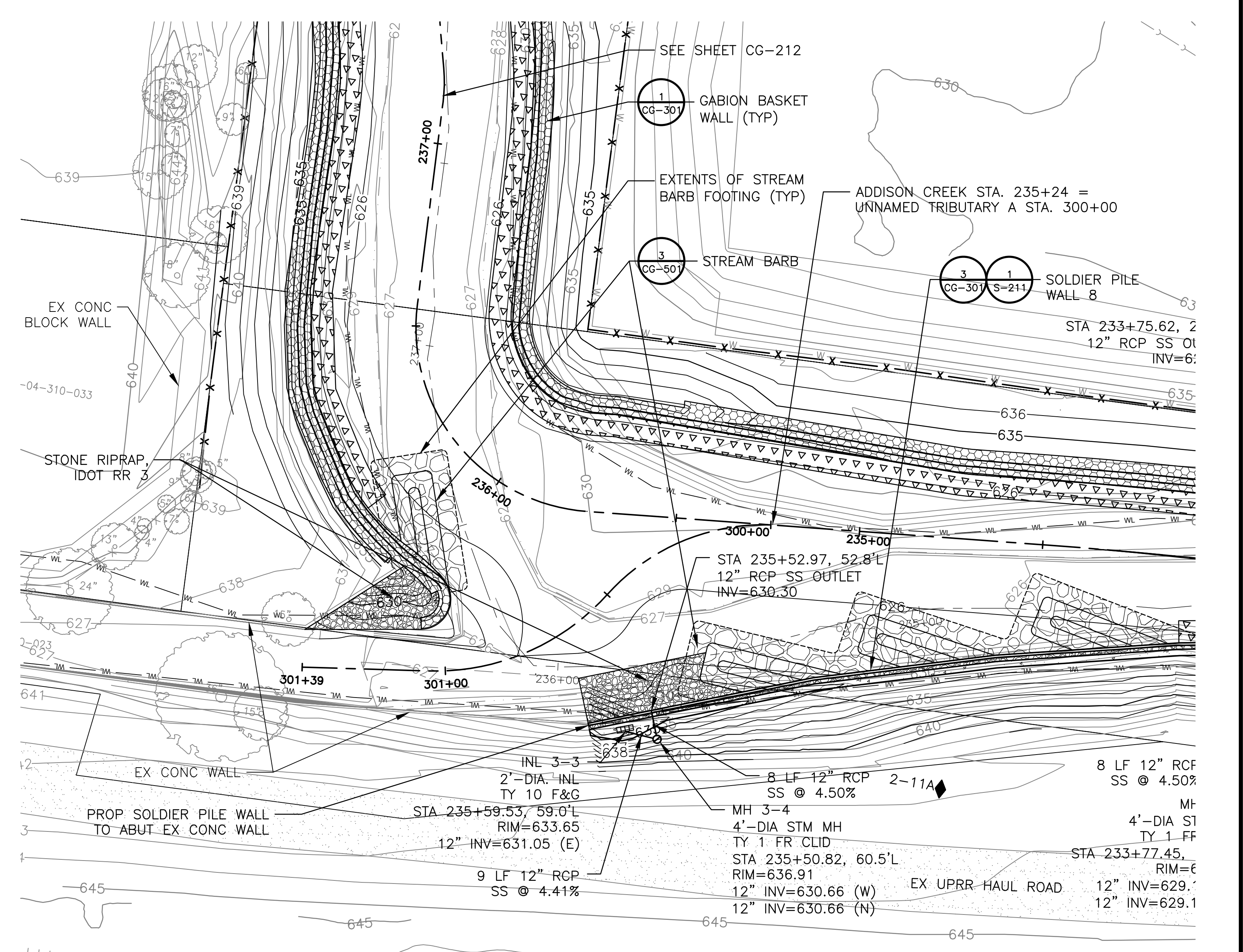
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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 LICENSE NO. 184002829

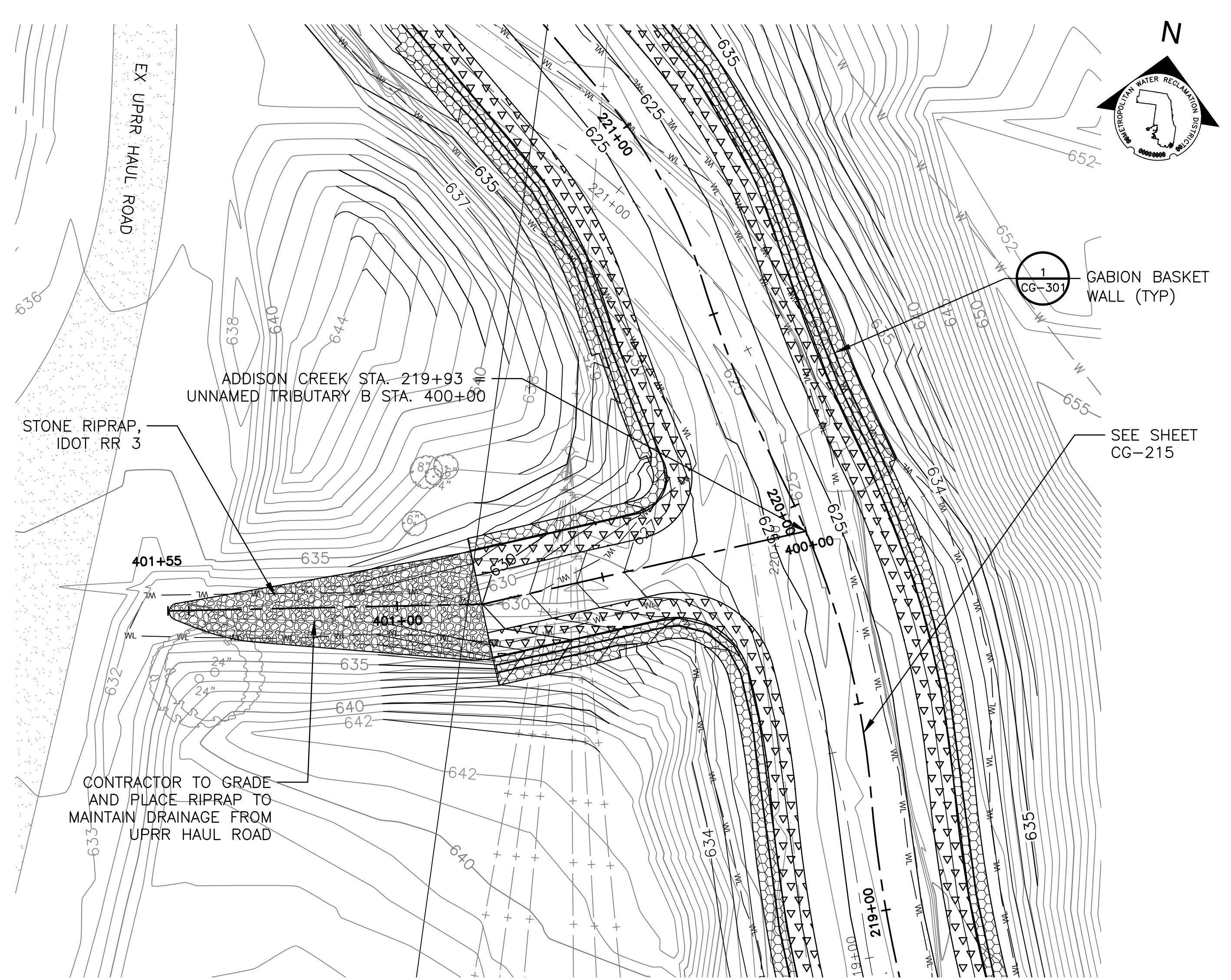
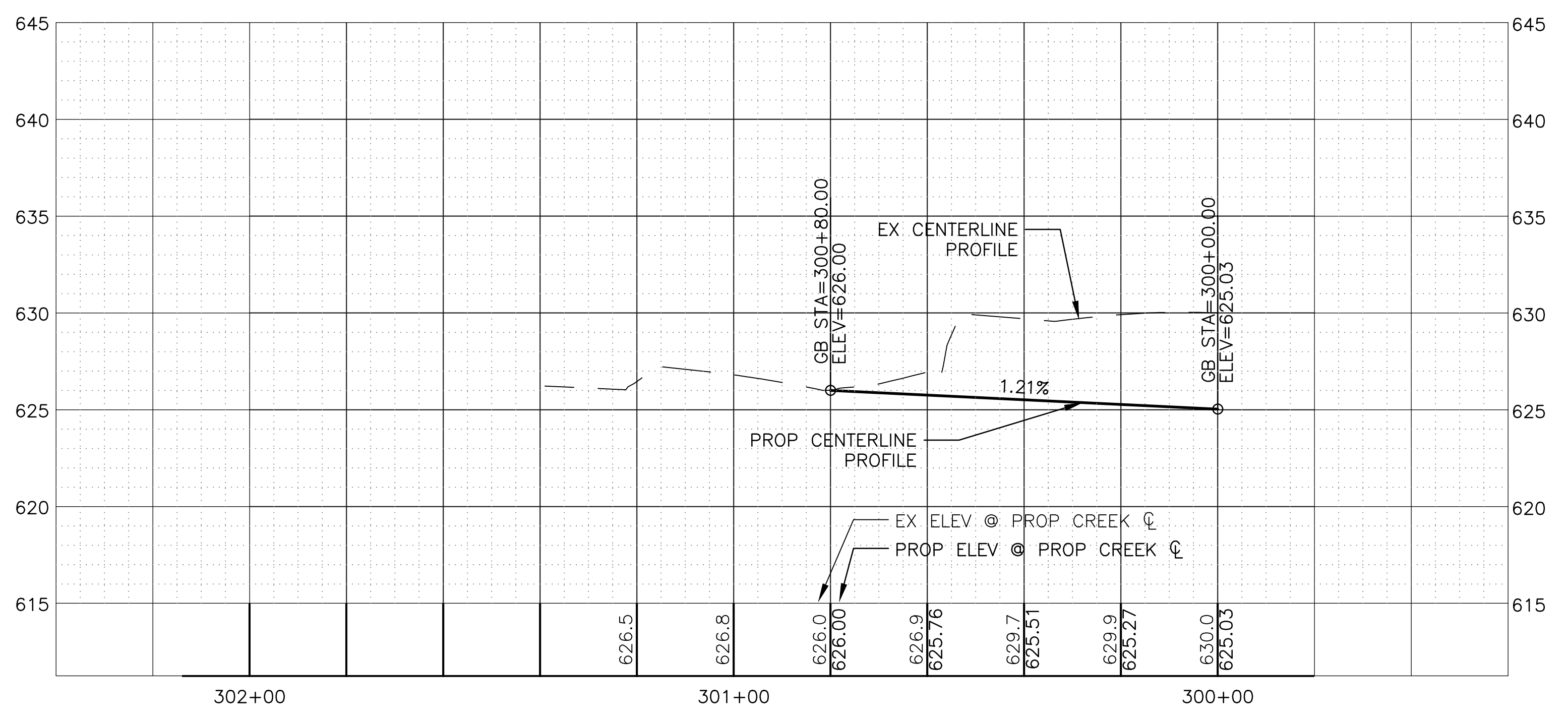
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 3
 STA. 213+00 TO STA. 209+00

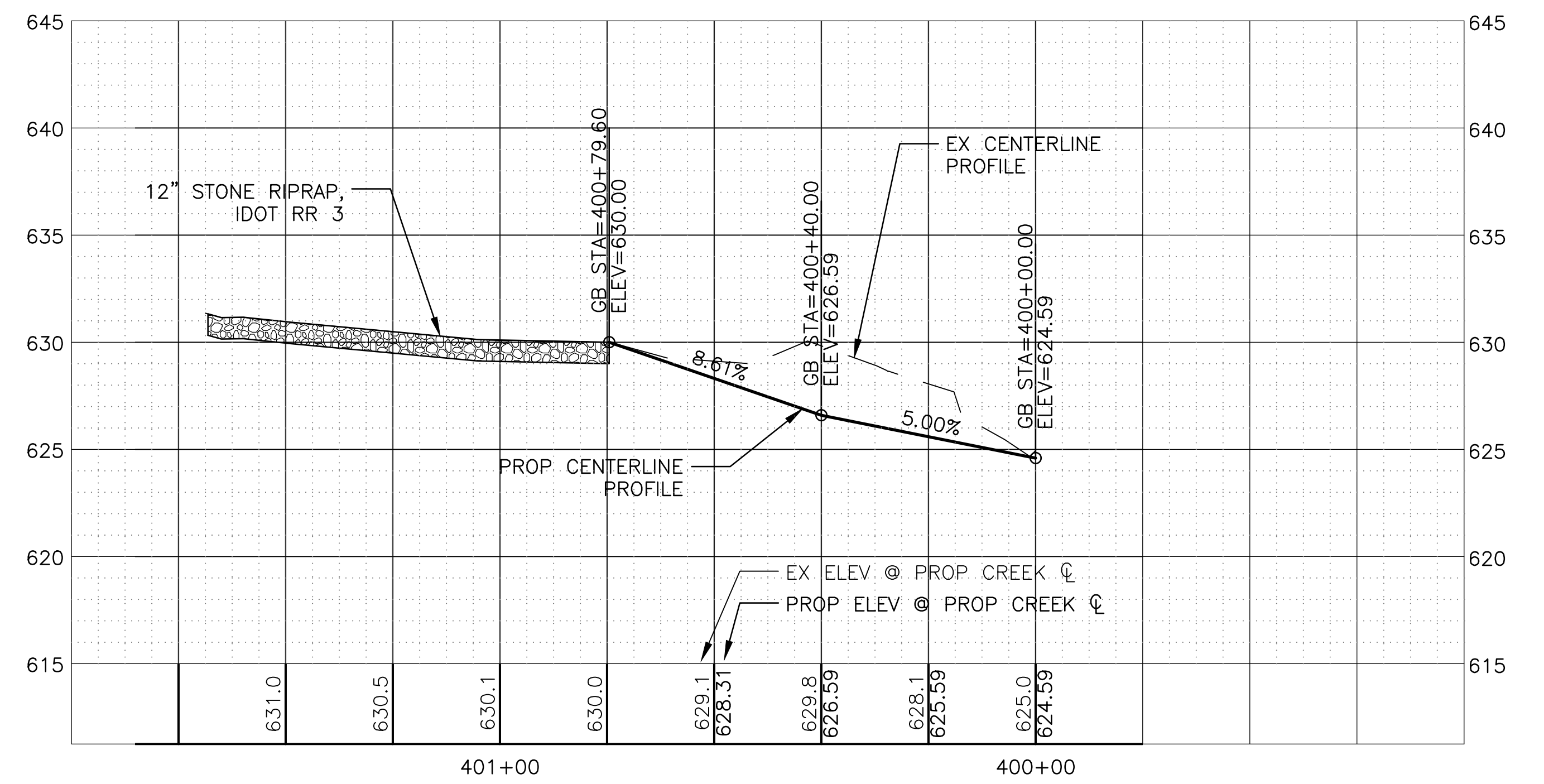
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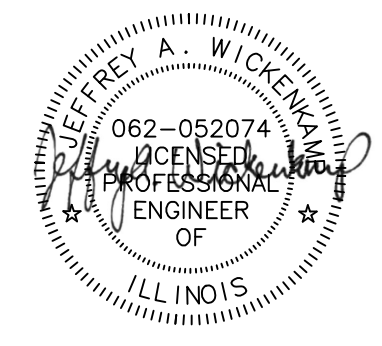
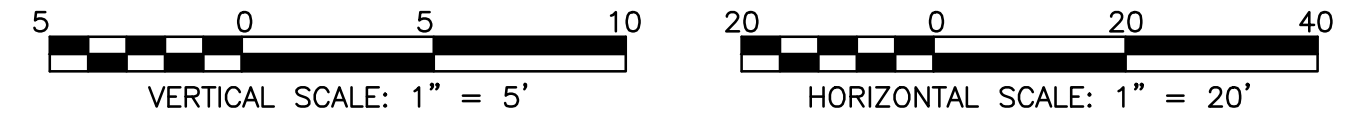
UNNAMED TRIBUTARY A PLAN
 STA. 300+00 TO STA. 301+39



UNNAMED TRIBUTARY B PLAN
 STA. 400+00 TO STA. 400+80



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYANDASSOCIATES.COM
 ILLINOIS LICENSE NO. 184002829

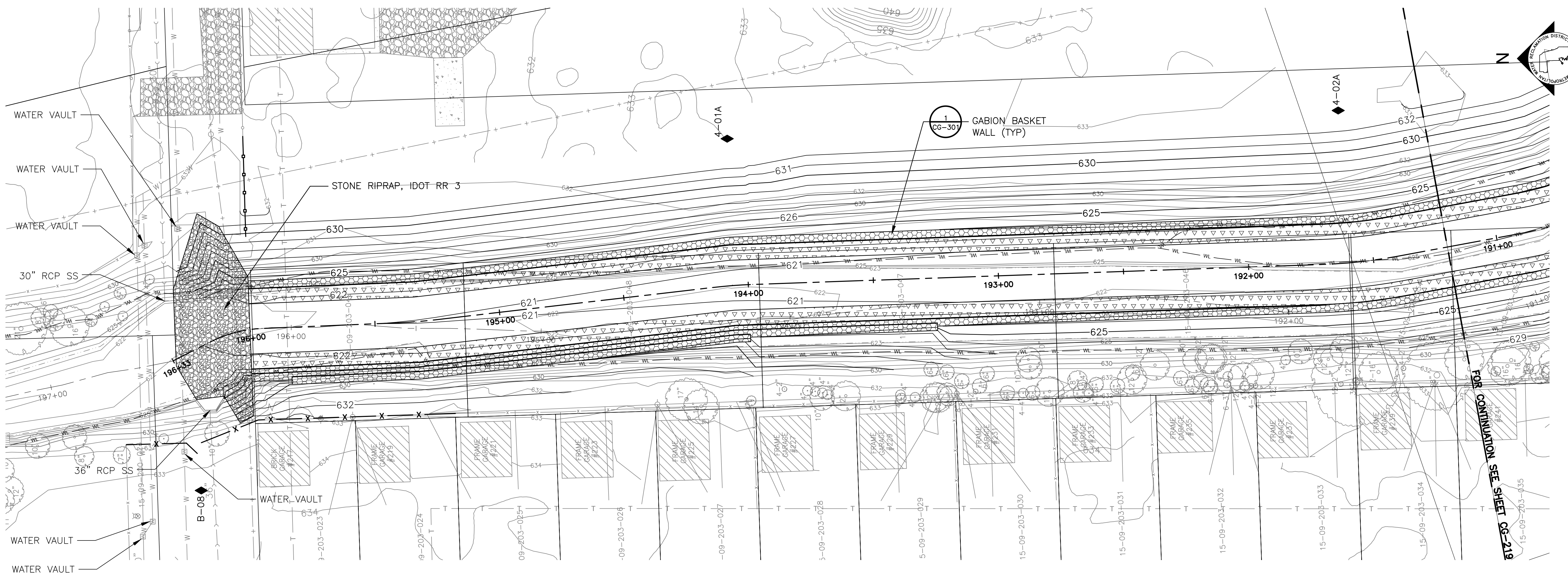
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Correct:					

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

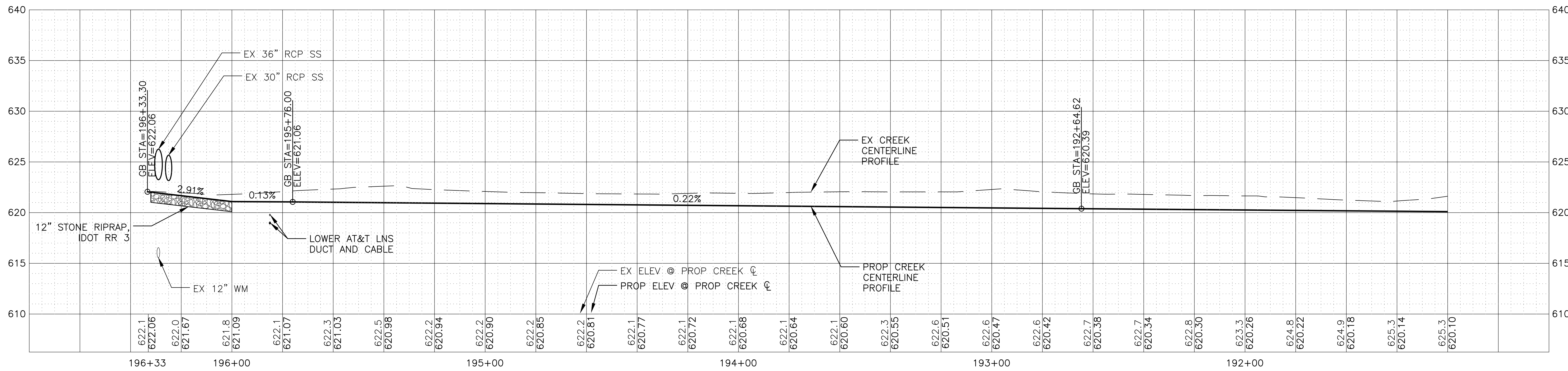
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Sheet Number:
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 Page Number: 120

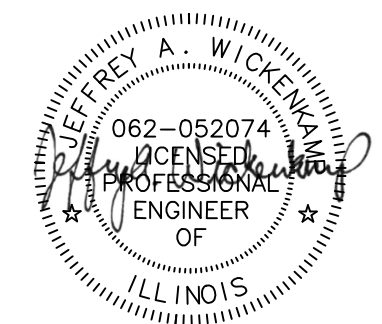
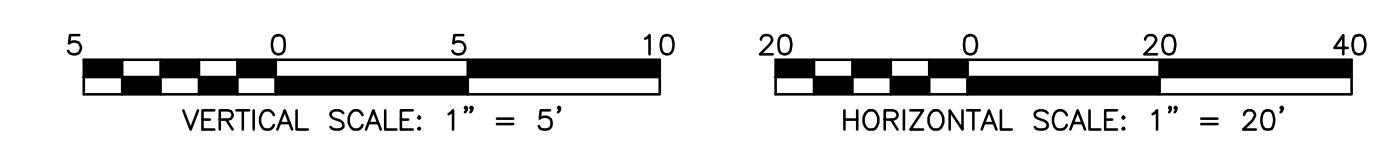
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PLAN
STA. 196+33 TO STA. 191+20



NOTE:
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Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
Checked by: PML
Scale: AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

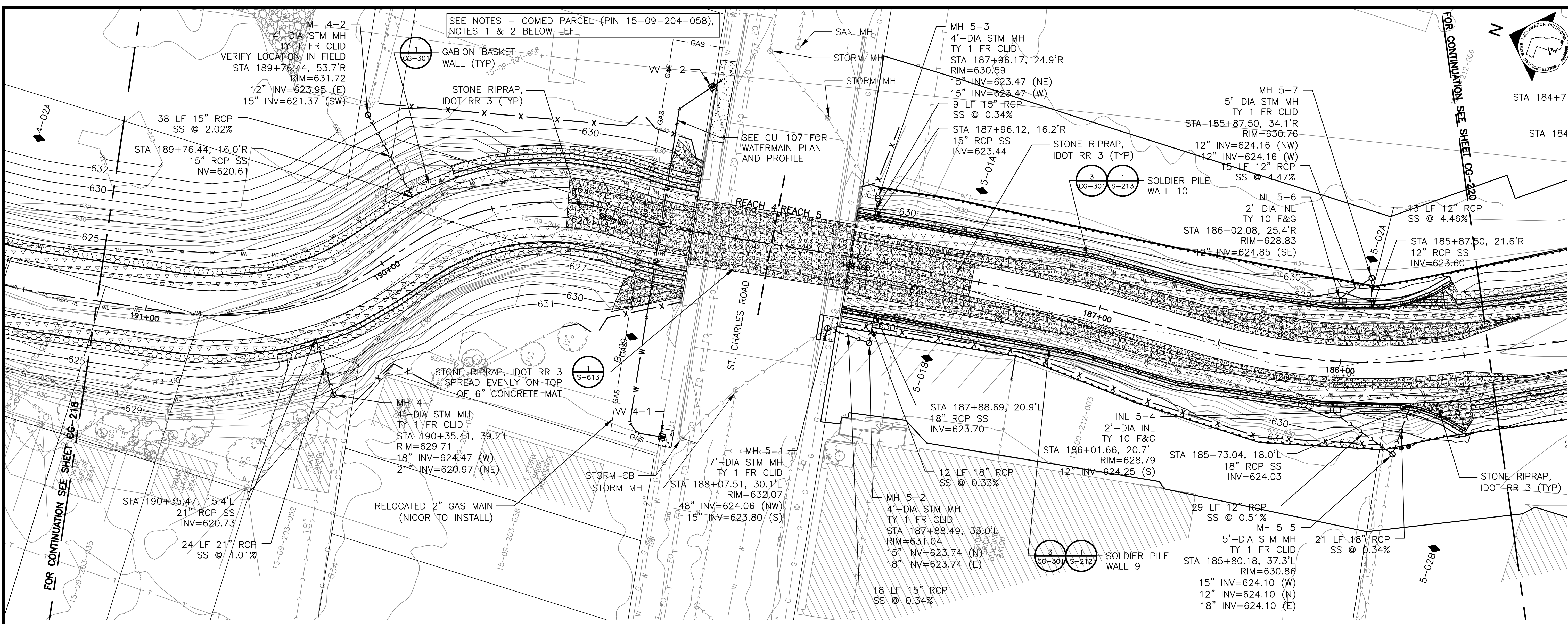
Hey and Associates, Inc.
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CELL (773) 699-9200
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 4
STA. 196+33 TO STA. 191+20

Sheet Number:
CG-218

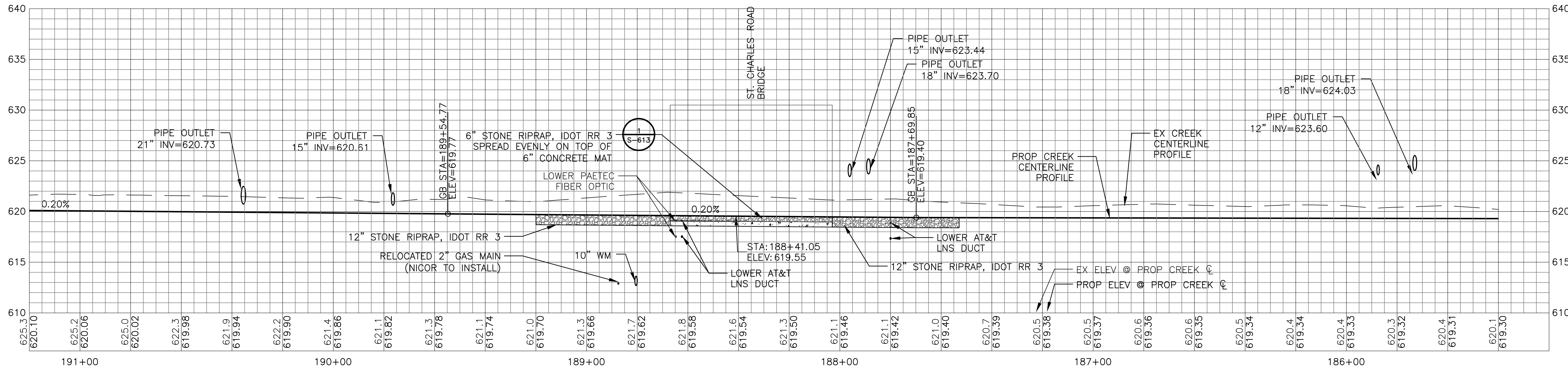
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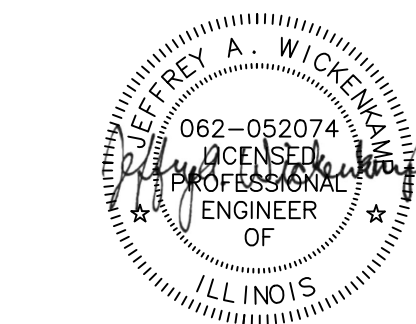
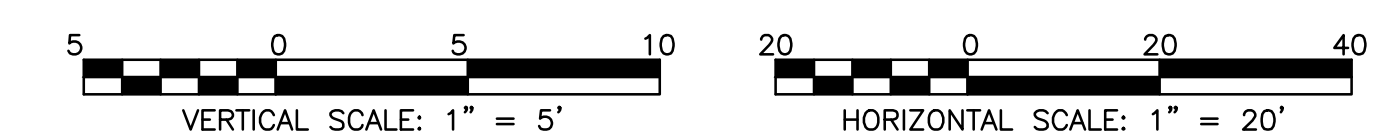
NOTES - COMED PARCEL (PIN 15-09-204-058):

1. NO GRADING SHALL TAKE PLACE WITHIN 15 FEET OF COMED TOWER.
2. CONTRACTOR TO DISPOSE OF EXCAVATED MATERIAL FROM COMED PARCEL IN ACCORDANCE WITH COMED REQUIREMENTS.

**PLAN
 STA. 191+20 TO STA. 185+40**



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

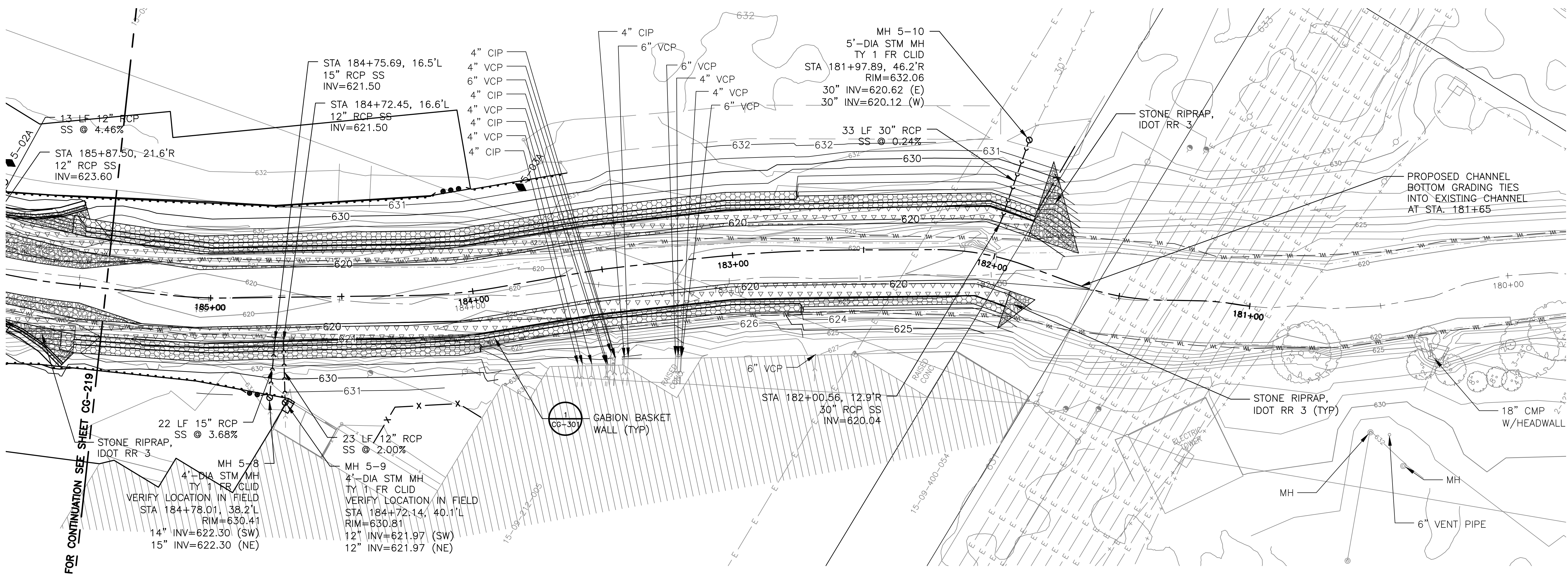
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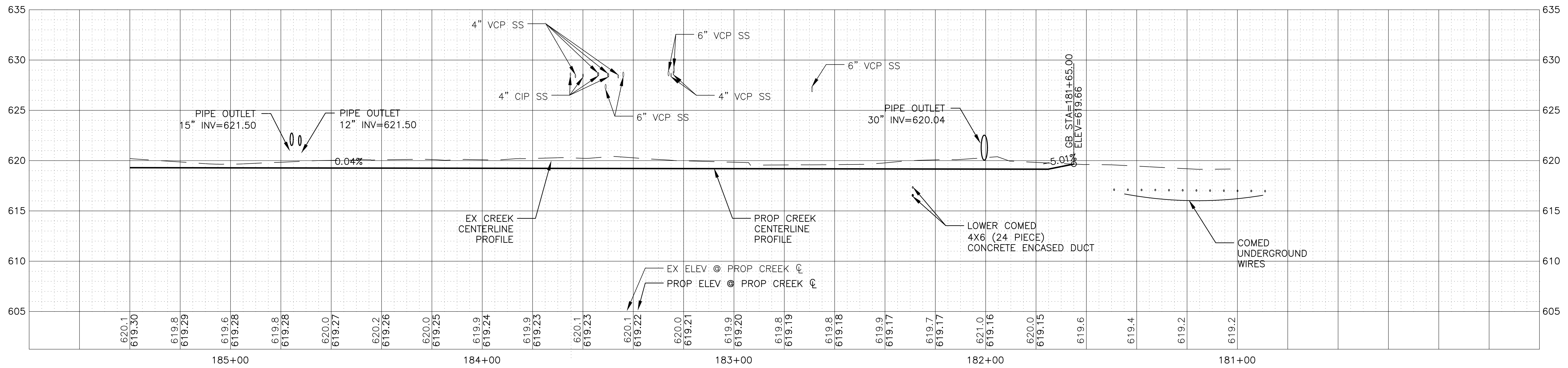
Hey and Associates, Inc.
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 OFFICE (773) 699-9200
 PROFESSIONAL DESIGN: FIRM LICENSE NO. 18400289
 CHICAGO@HEYANDASSOCIATES.COM

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

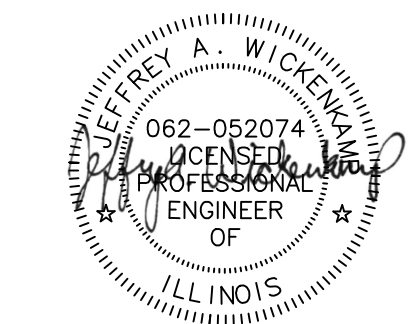
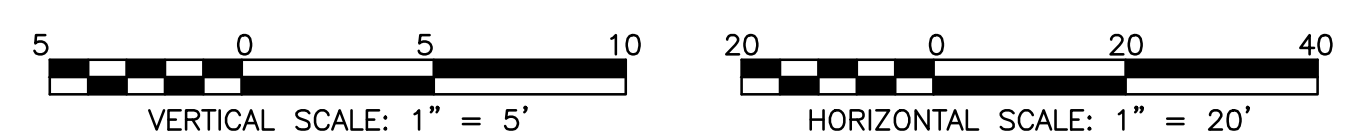
**PLAN & PROFILE - REACH 4 & 5
 STA. 191+20 TO STA. 185+40**



PLAN
 STA. 185+40 TO STA. 181+50



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

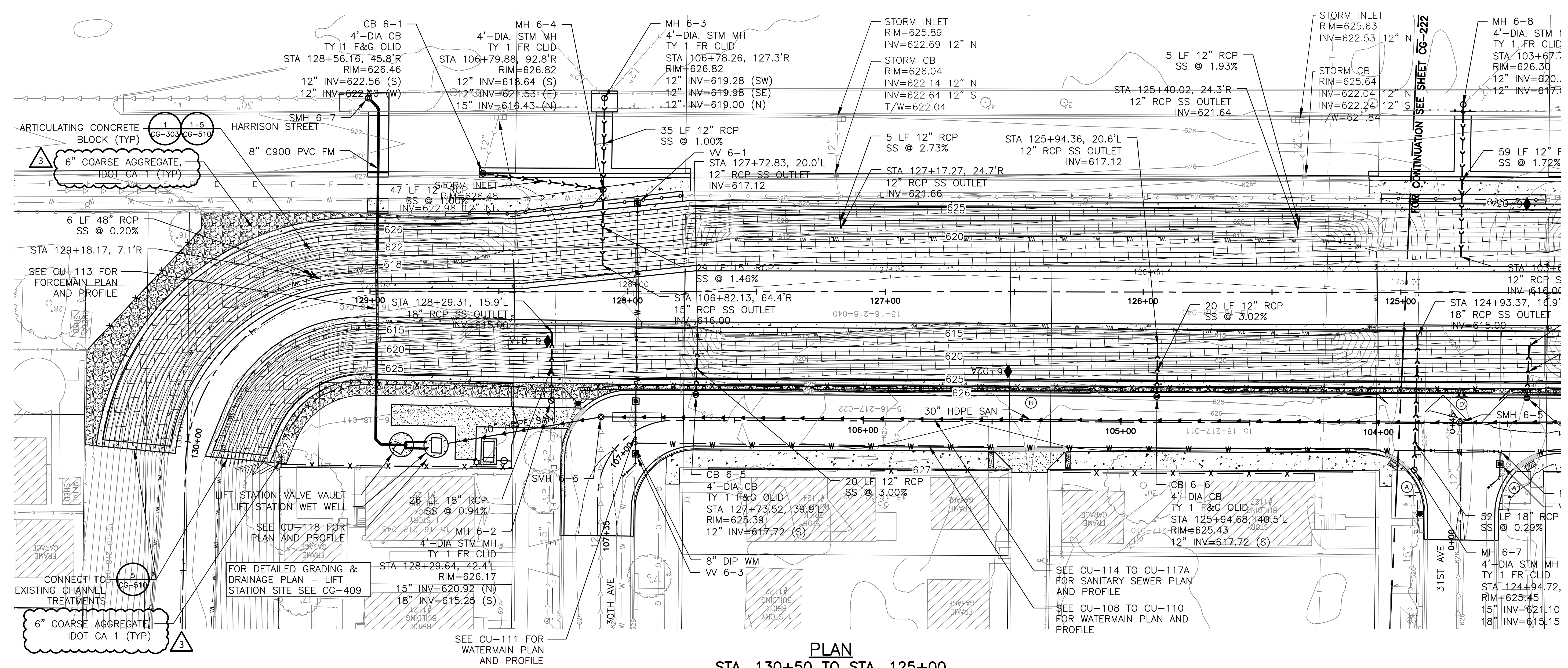
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 Correct: JAW

Scale: AS SHOWN
 Date: 2022

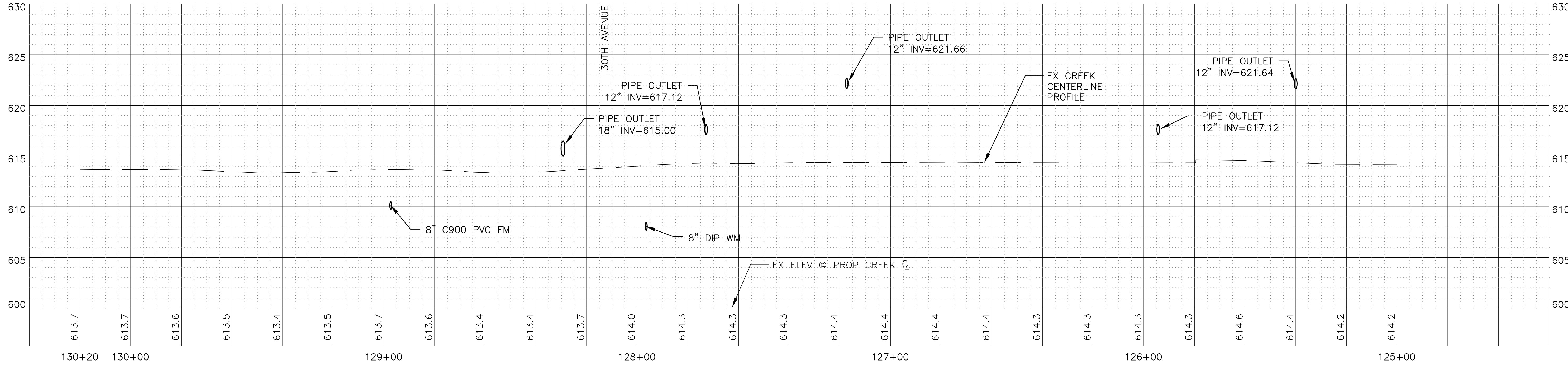
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN: FERRY
 LICENSE NO. 18404289

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

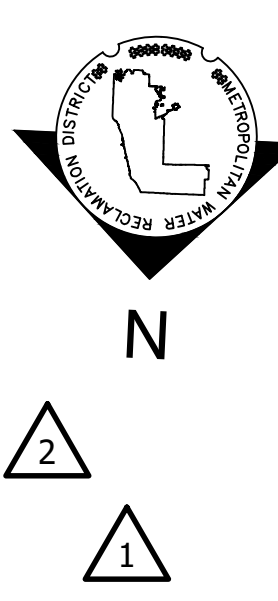
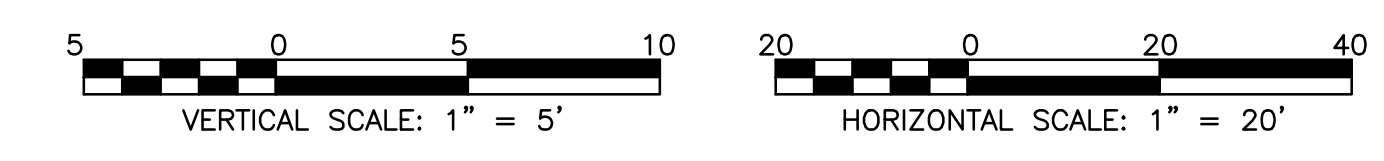
PLAN & PROFILE - REACH 5
 STA. 185+40 TO STA. 181+00



PLAN
 STA. 130+50 TO STA. 125+00



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23
3	ADDENDUM NO. 8	JAW	05/24/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022

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 Engineering, Ecology and Landscape Architecture
 8755 West Higgins Road, Suite 835
 Chicago, Illinois 60631
 Chicago@heyand.com

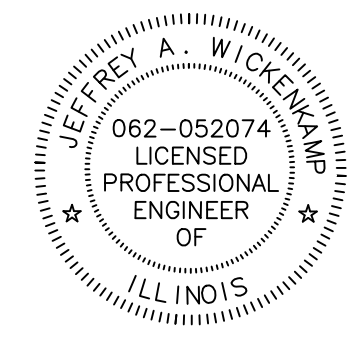
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

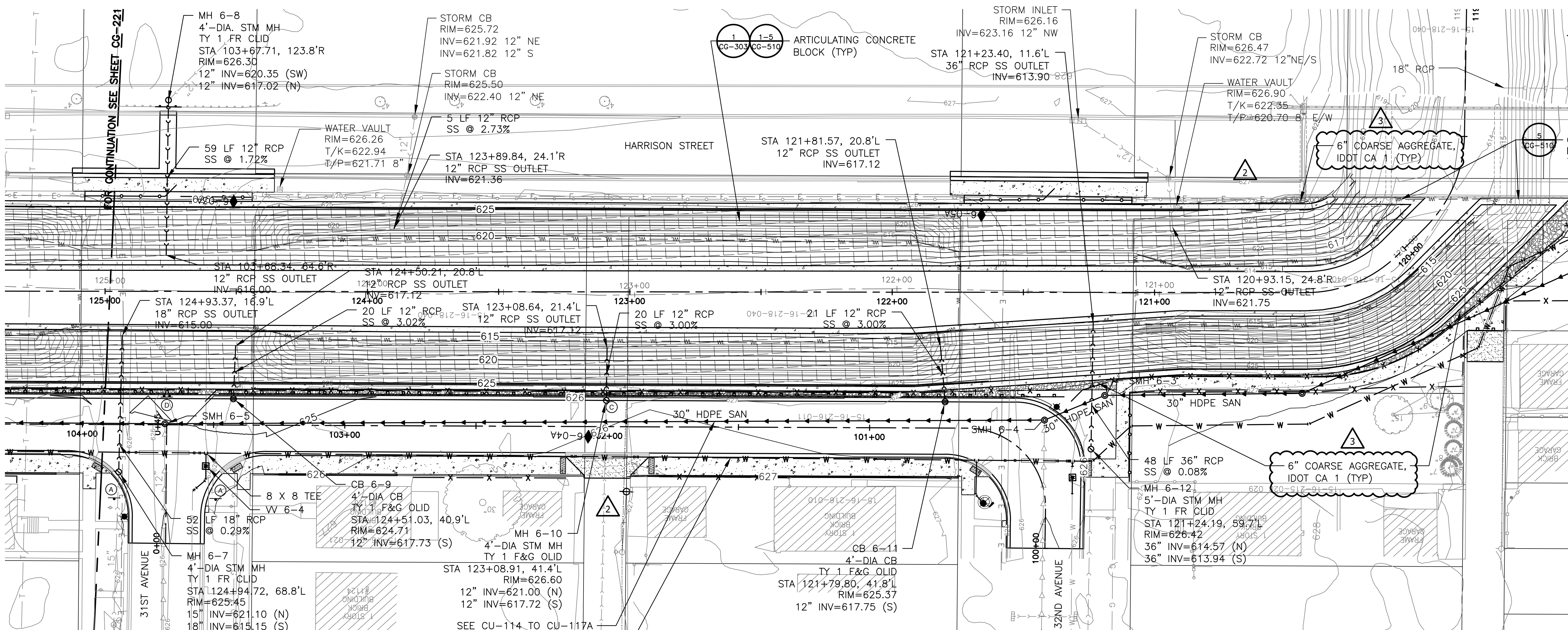
PLAN & PROFILE - REACH 6
 STA. 130+97 TO STA. 125+00

Sheet Number:
CG-221

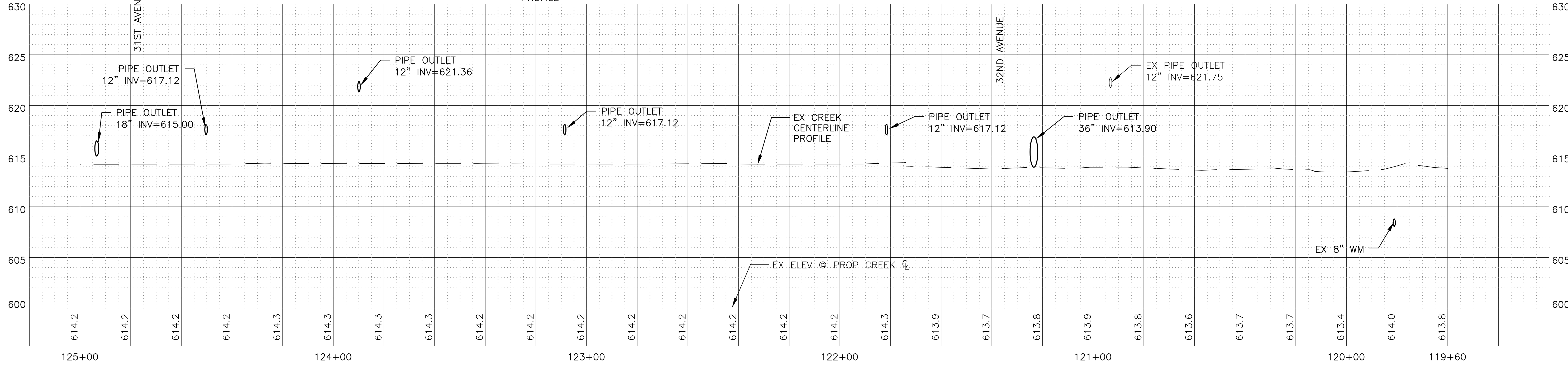
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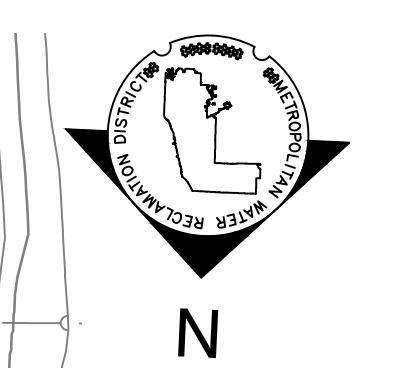
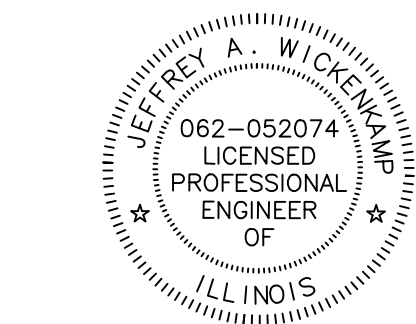
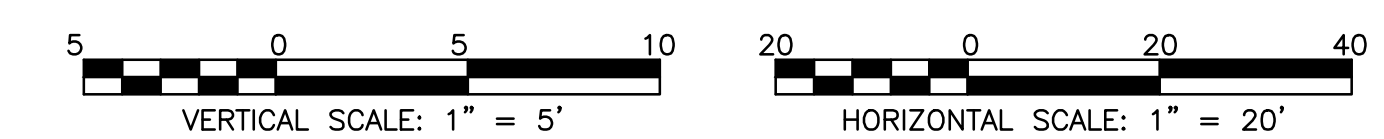
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PLAN
 STA. 125+00 TO STA. 119+60



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23
3	ADDENDUM NO. 8	JAW	05/24/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

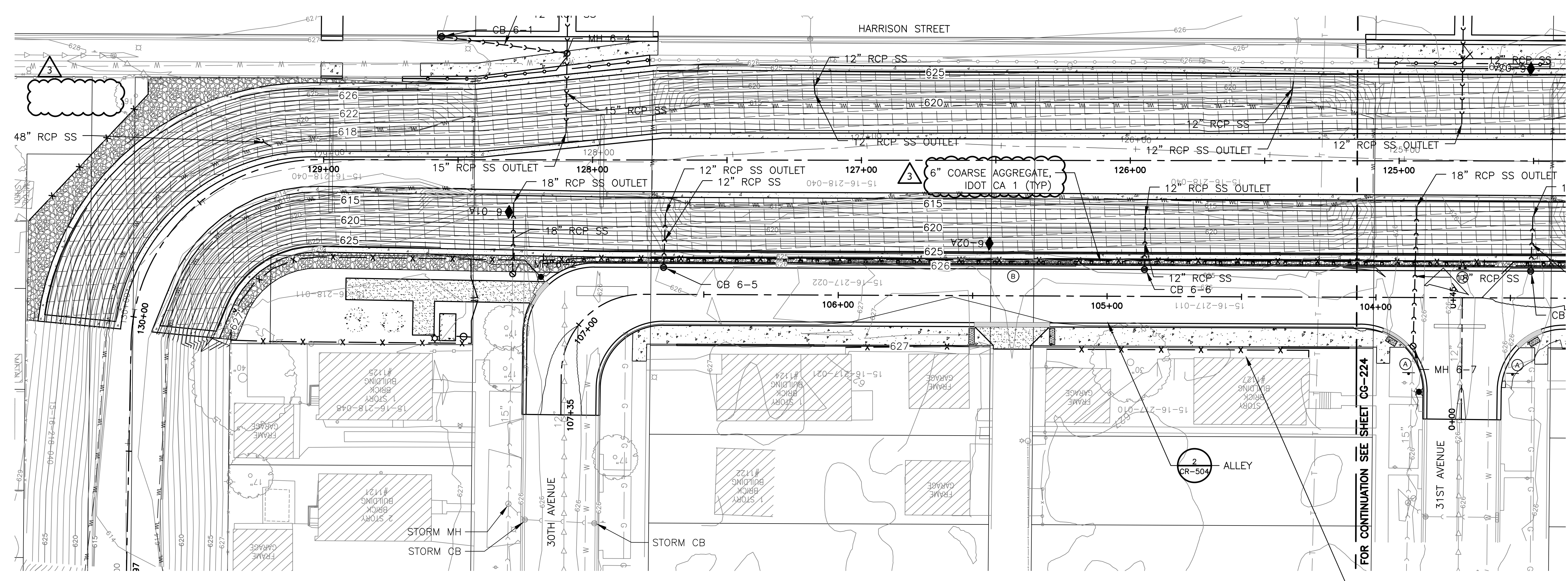
Scale: AS SHOWN
 Date: 2022

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 West Higgins Road, Suite 835
 Chicago, Illinois 60631
 Chicago@heyand.com
 Professional Design Firm
 License No. 18400289

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

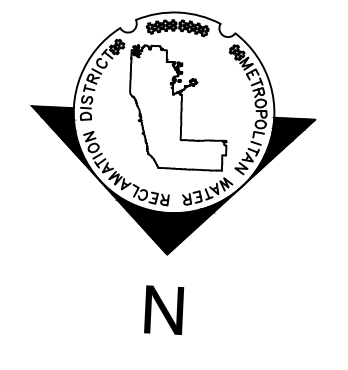
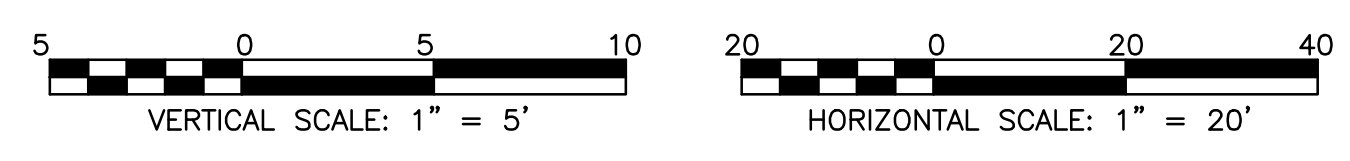
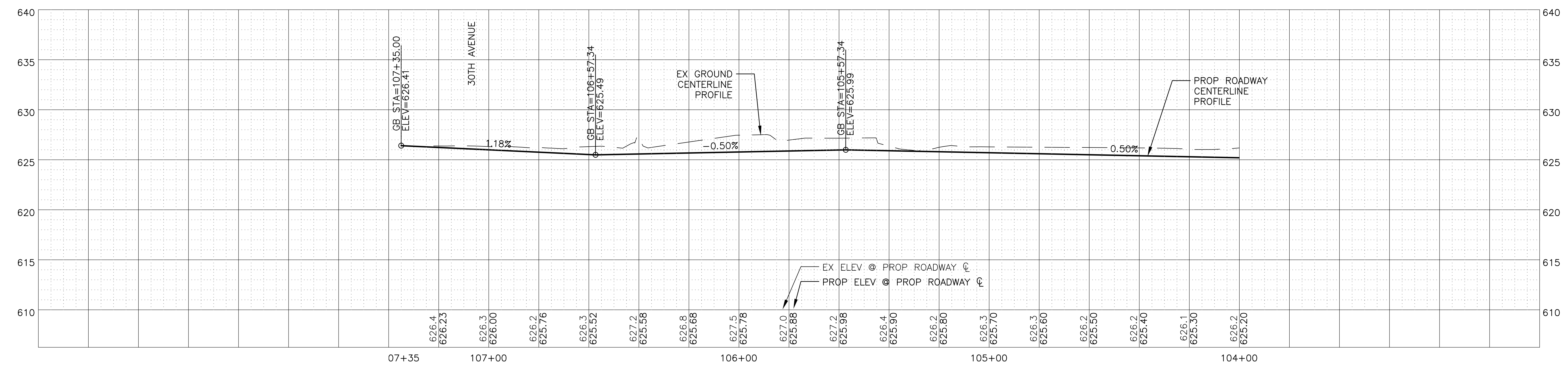
PLAN & PROFILE - REACH 6
 STA. 125+00 TO STA. 119+60

Sheet Number:
CG-222
 Page Number: 125



PLAN
 STA. 107+21 TO STA. 104+00

CONTRACTOR TO FIELD-VERIFY ANY DISCHARGES FROM EXISTING STRUCTURE TO CREEK AND COORDINATE WITH ENGINEER TO MAINTAIN



1
2

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23
3	ADDENDUM NO. 8	JAW	05/24/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

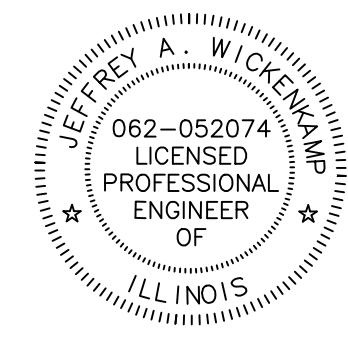
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HEGAN ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM

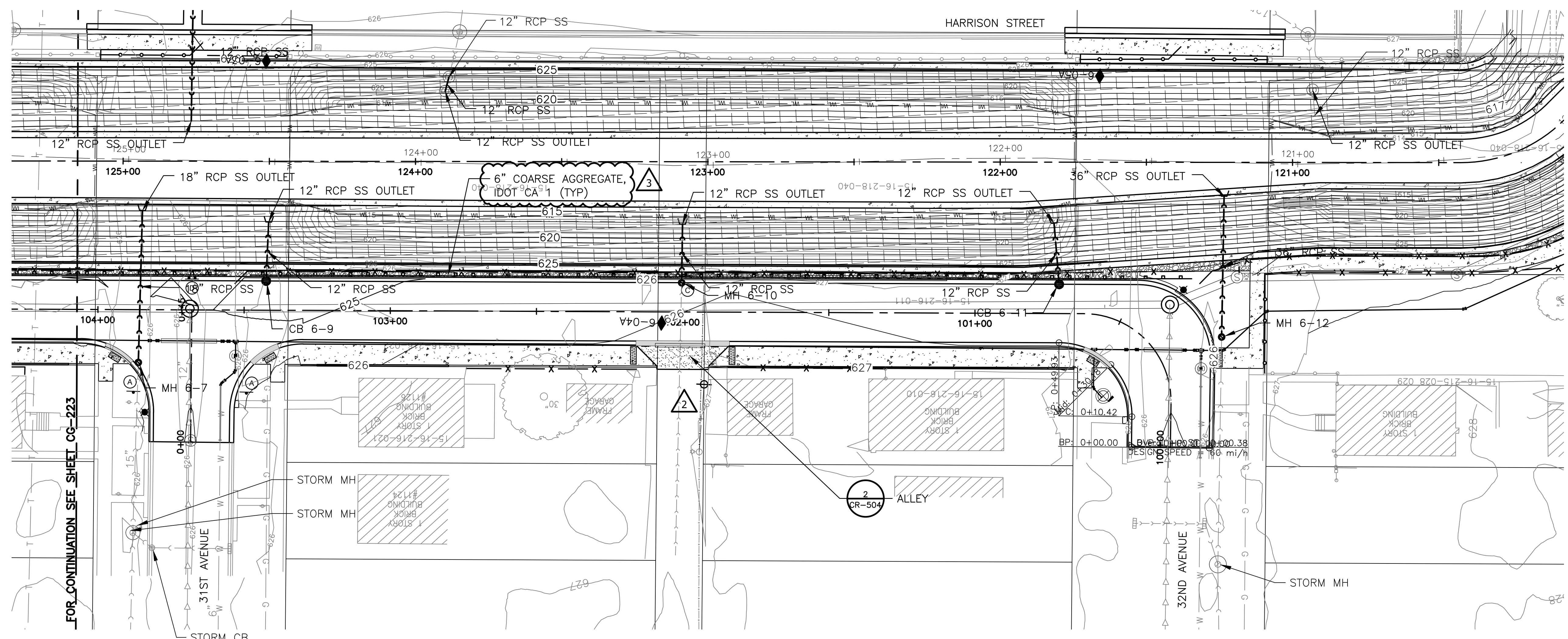
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 Reviewed by: JAW
 Date: 2022
 Correct:

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

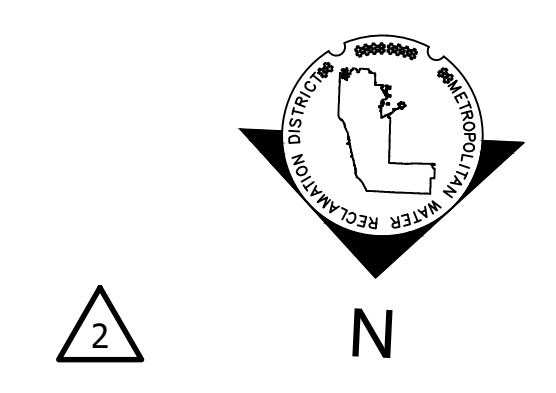
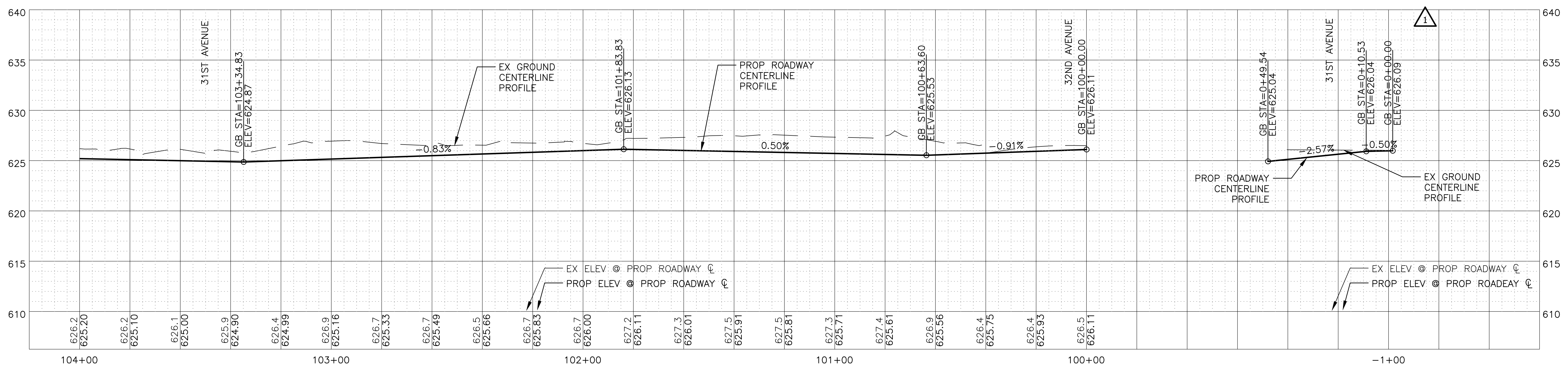
ROADWAY PLAN & PROFILE - REACH 6
 STA. 107+21 TO STA. 104+00

Sheet Number:
CG-223
 Page Number: 126





PLAN
 STA. 104+00 TO STA. 100+00 &
 STA. 0+00 TO STA. 0+42



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23
3	ADDENDUM NO. 8	JAW	05/24/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Designed by: TCT
 Checked by: PML
 Drawn by: TCT
 Correct:

Scale: AS SHOWN
 Date: 2022

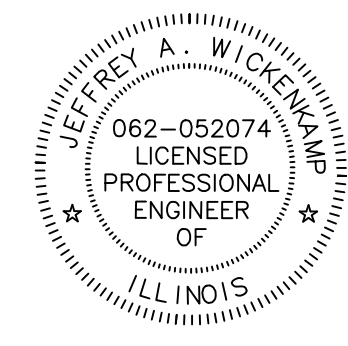
Hey and Associates, Inc.
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 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGNER: FIBBY
 LICENSE NO. 184604289

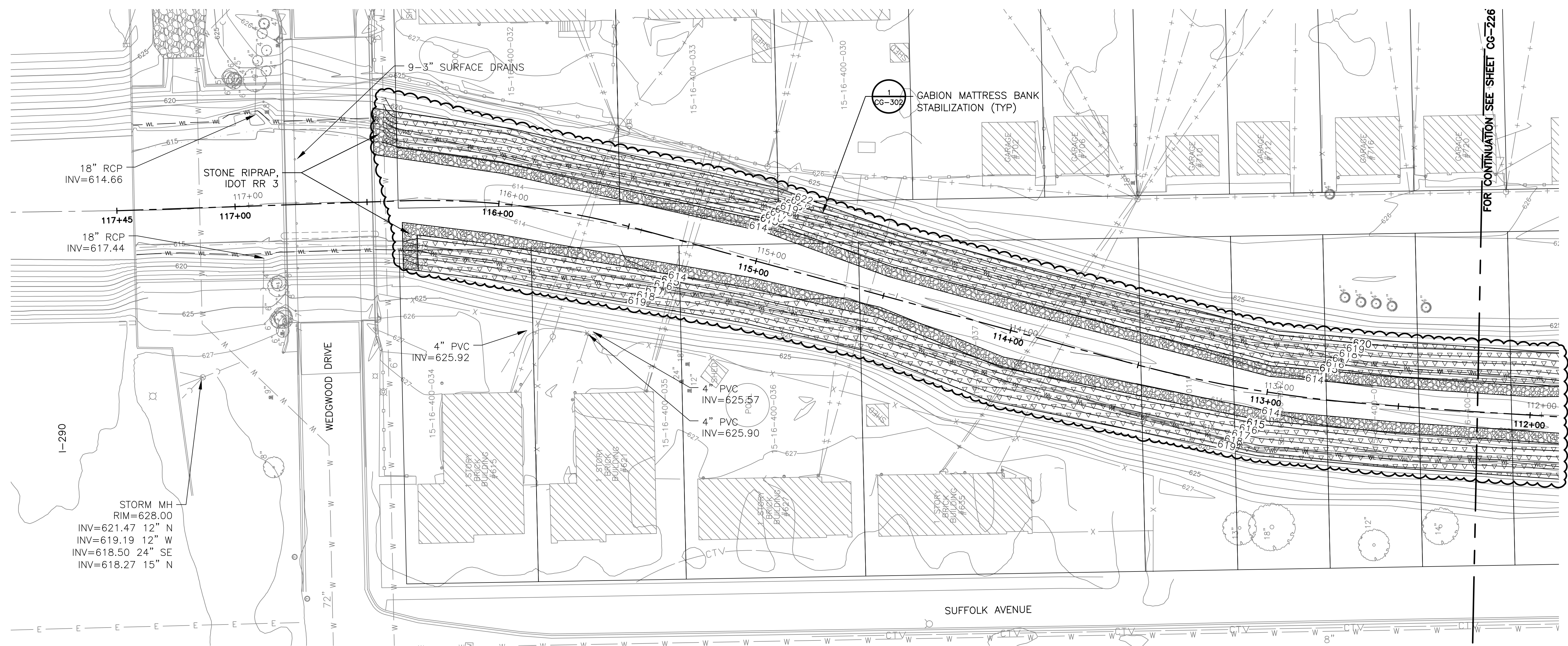
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

**ROADWAY P&P - REACH 6 STA.
 104+00 TO 100+00 & STA. 0+00 TO
 0+42**

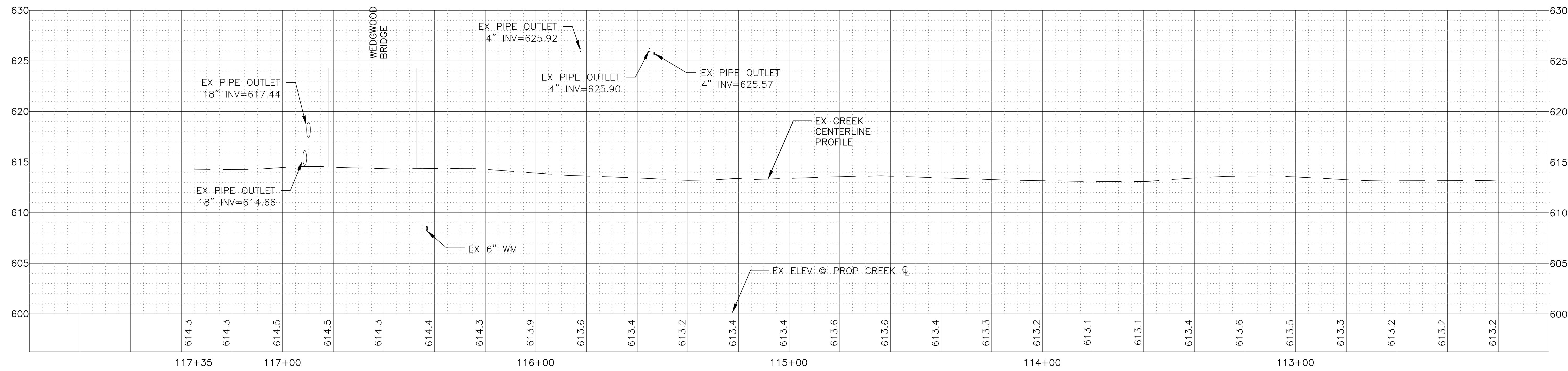
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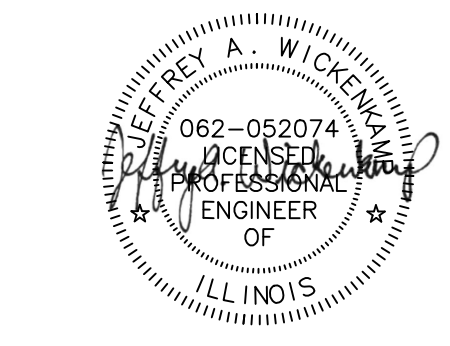
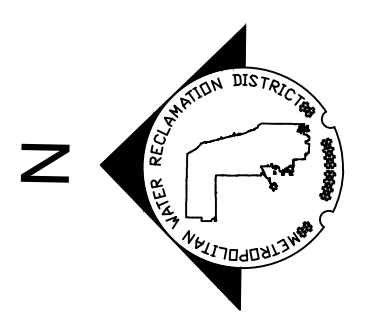
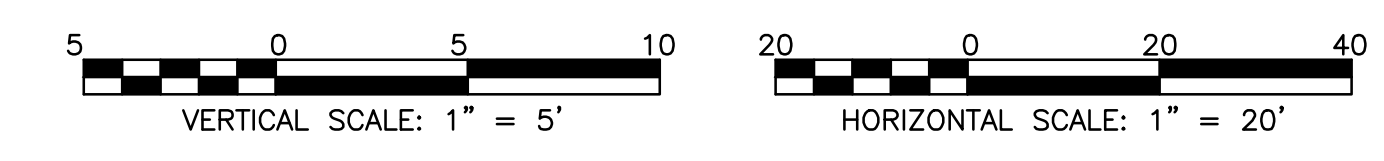




PLAN
 STA. 117+45 TO STA. 112+00



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TRP
 Checked by: PML
 Drawn by: KSS
 Correct:

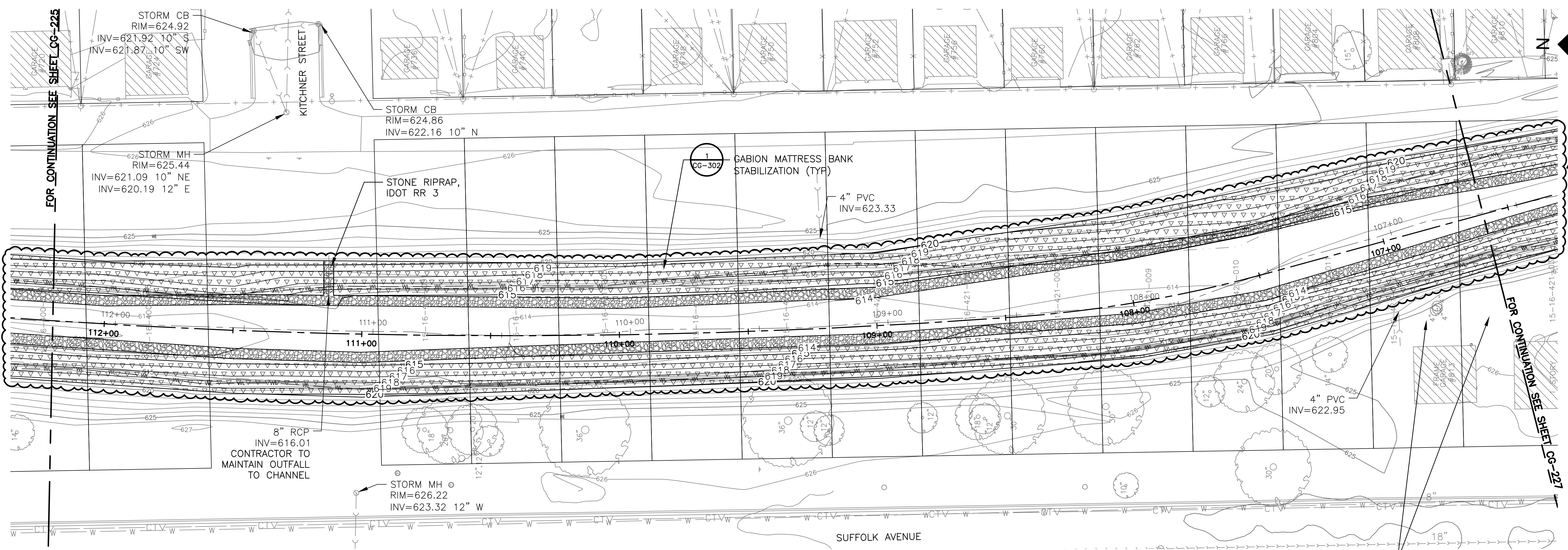
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 Engineering, Ecology and Landscape Architecture
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 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184002829

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

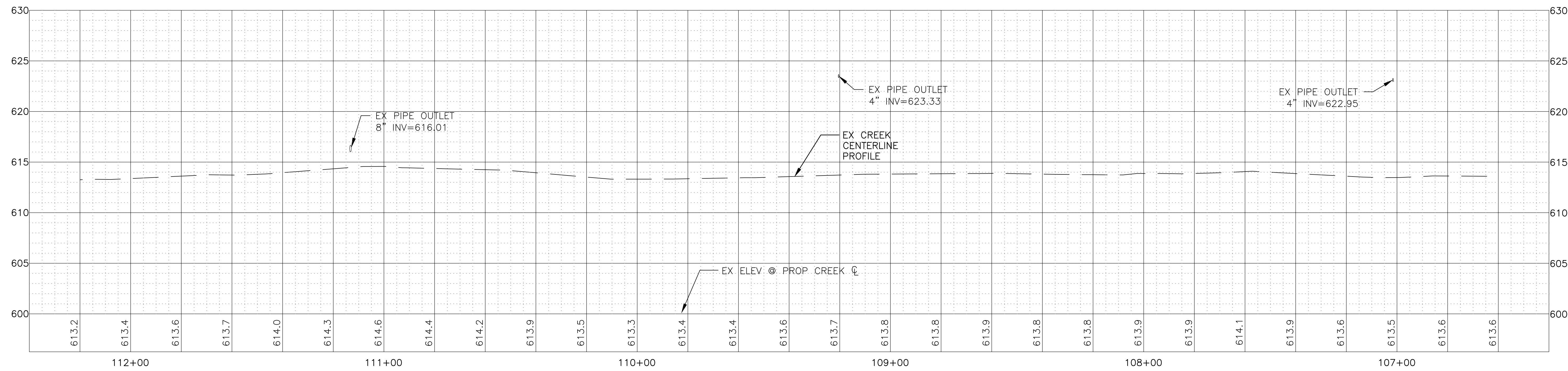
PLAN & PROFILE - REACH 7
 STA. 117+45 TO STA. 112+00

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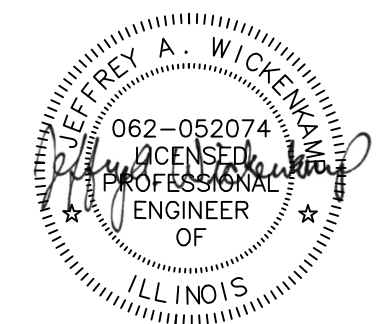
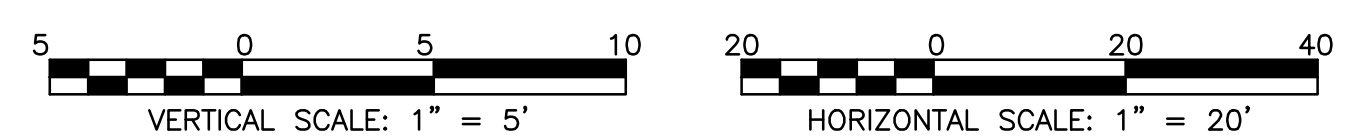


PLAN
 STA. 112+20 TO STA. 106+60

CONTRACTOR TO FIELD-VERIFY ANY
 ADDITIONAL OUTLETS TO ADDISON
 CREEK ON THIS PROPERTY AND
 MAINTAIN AS NECESSARY



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING
 SEWER OR SUMP PUMP DISCHARGE POINTS.
 ALL EXISTING SEWERS AND DISCHARGE PIPES
 SHALL BE RESTORED IN-KIND AND SHALL BE
 INCIDENTAL TO THE CHANNEL CONSTRUCTION
 WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM

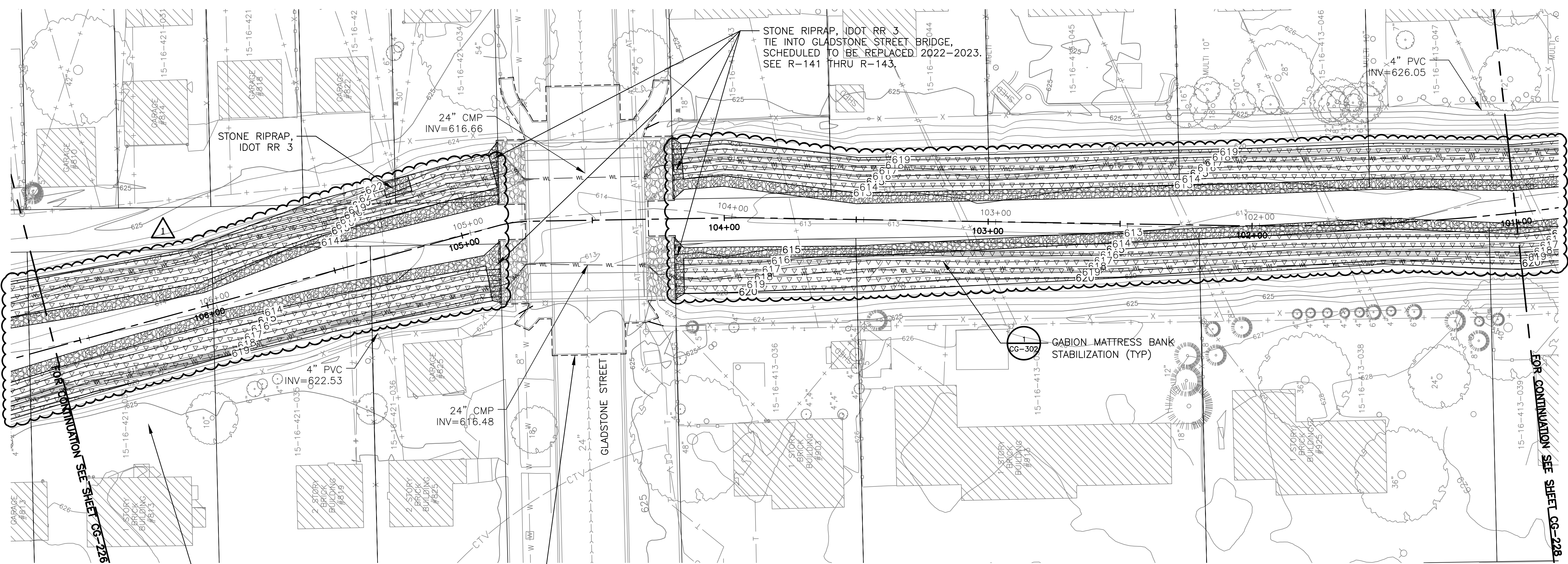
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Designed by:	TRP	Checked by:	PML
Drawn by:	KSS	Reviewed by:	JAW
Correct:			

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 7
 STA. 112+20 TO STA. 106+60

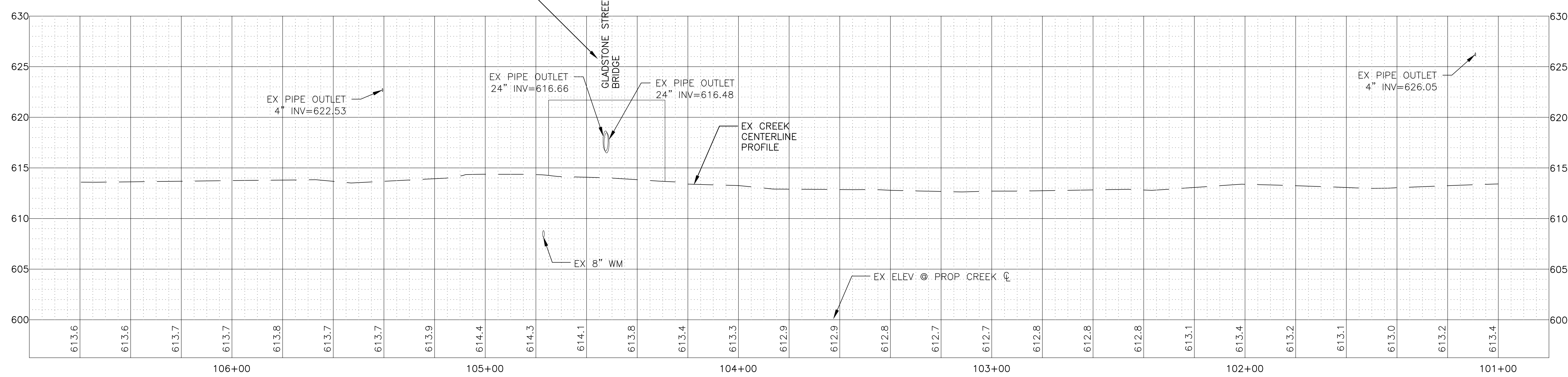
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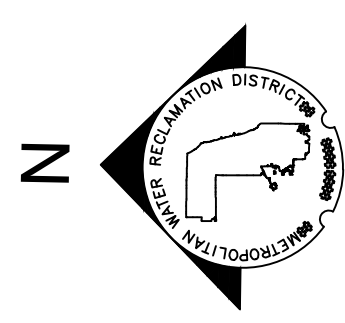
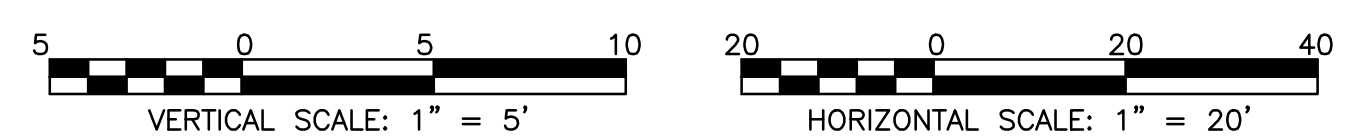
PLAN
 STA. 106+60 TO STA. 101+00

CONTRACTOR TO FIELD-VERIFY ANY ADDITIONAL OUTLETS TO ADDISON CREEK ON THIS PROPERTY AND MAINTAIN AS NECESSARY

NOTE: GLADSTONE STREET BRIDGE IS SCHEDULED TO BE REPLACED IN 2022-2023. APPROXIMATE STRUCTURE AND LIMITS OF FUTURE WORK SHOWN FOR REFERENCE ONLY. SEE R-141 THRU R-143.



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TRP
 Checked by: PML
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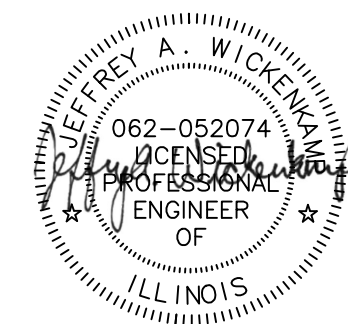
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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
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 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400289

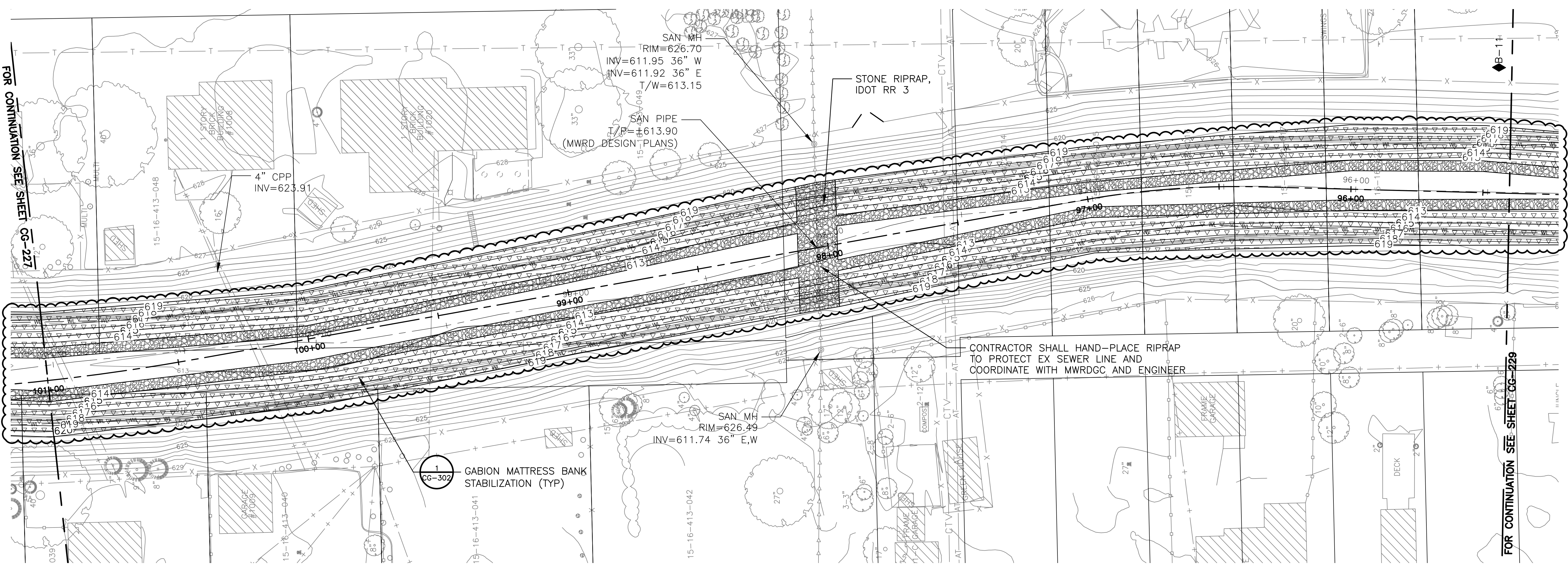
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 7
 STA. 106+60 TO STA. 101+00

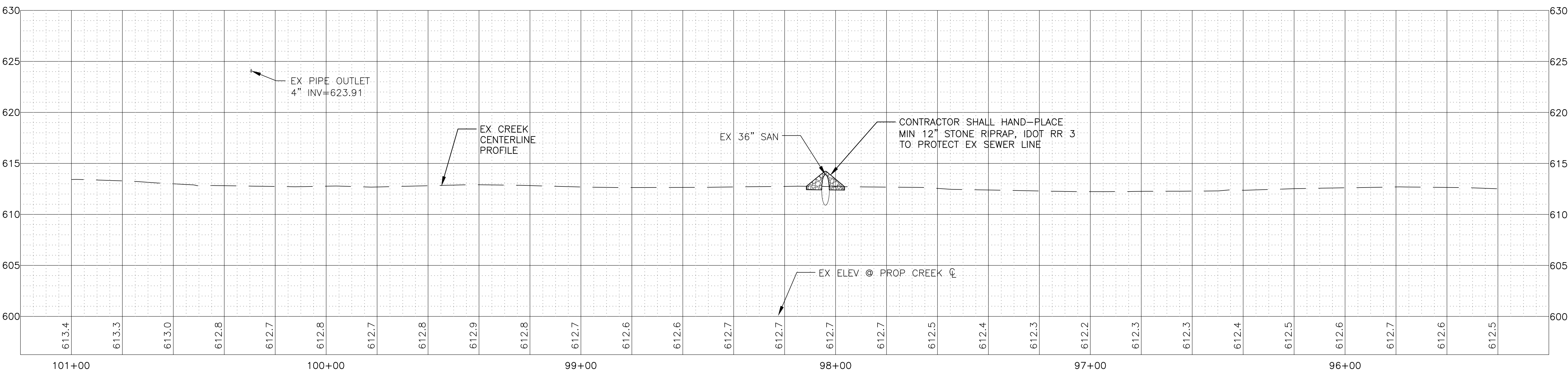
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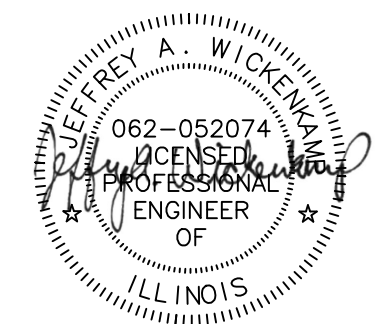
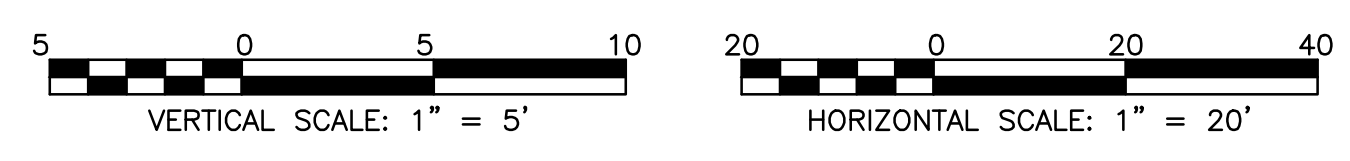
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 PLOT DATE: 1/19/2023 3:17 PM PLOTTED BY: KYLE SOLNER



PLAN
 STA. 101+00 TO STA. 95+40



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TRP
 Checked by: PML
 Drawn by: KSS
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Scale: AS SHOWN
 Date: 2022

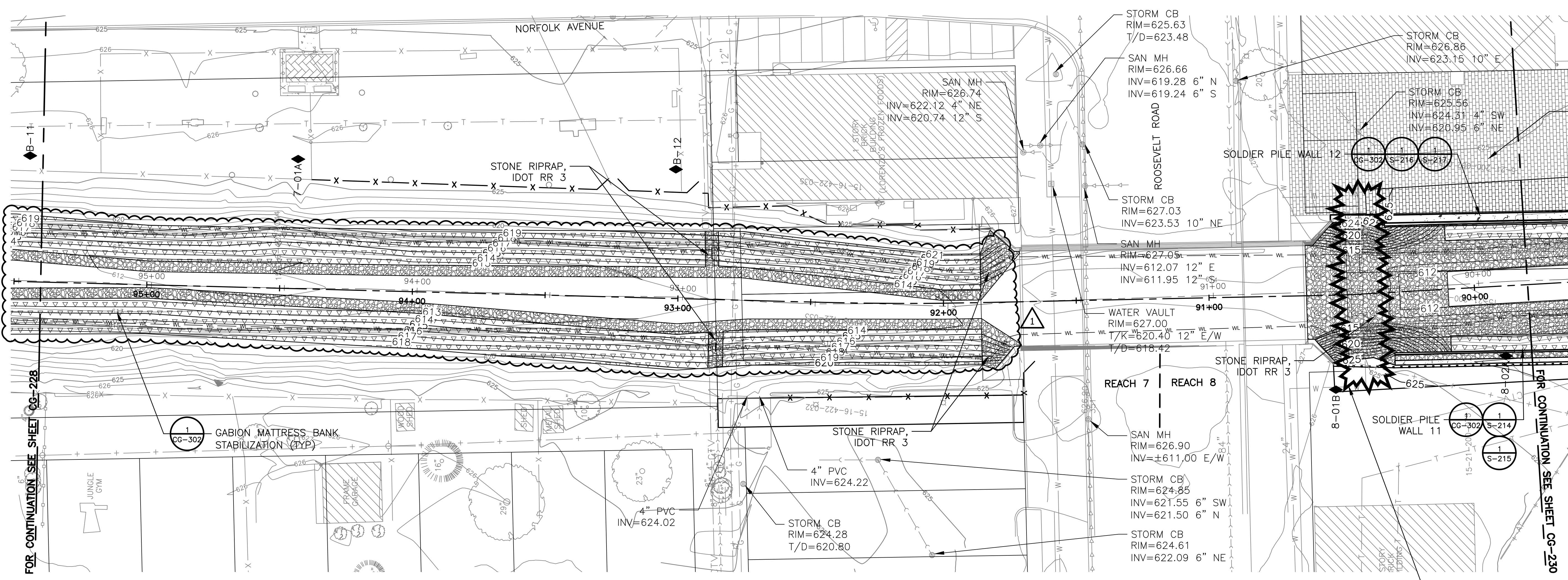
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184006289

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 7
 STA. 101+00 TO STA. 95+40

Sheet Number:
CG-228
 Page Number: 131

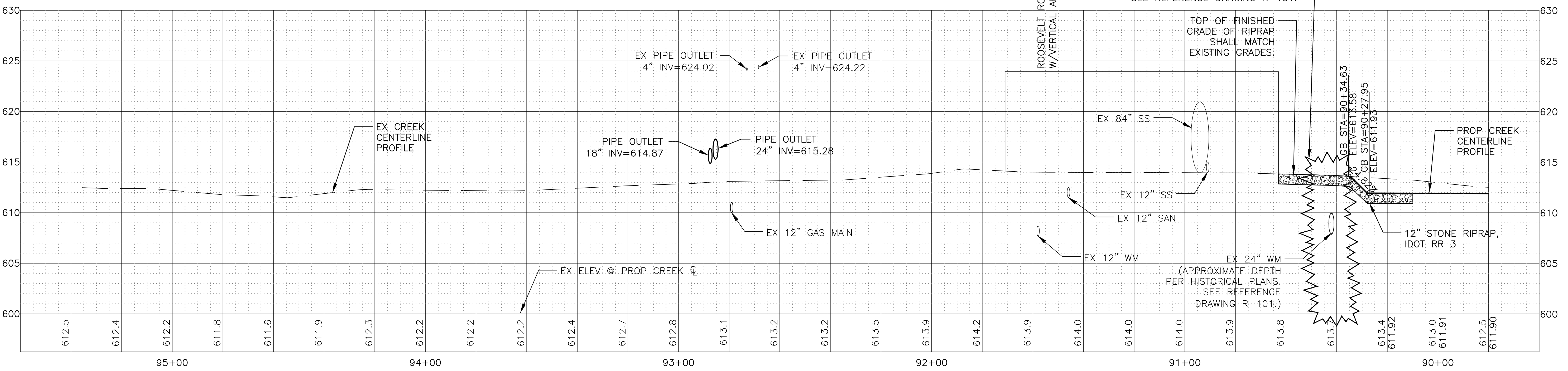
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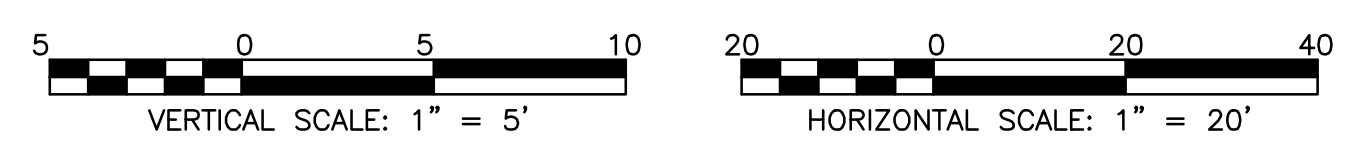
CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS. CONSTRUCTION ON PINS 15-21-200-007, -008, AND -009 SHALL TAKE PLACE BETWEEN JUNE 1ST AND SEPTEMBER 30TH. SEE SHEET S-216 FOR SOLDIER PILE WALL.

PLAN
 STA. 95+40 TO STA. 89+80

DUE TO THE CRITICAL NATURE OF THIS 24" WATER SUPPLY LINE, BEFORE DOING ANY WORK, CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF WESTCHESTER. RIPRAP SHALL BE HAND-PLACED WITHIN 5- FEET OF THE EXISTING WATERMAIN. ANY EXCAVATION OR GRADING WITHIN 5- FEET OF THE EXISTING WATERMAIN SHALL BE COMPLETED BY HAND. DEPTHS AND LOCATION SHOWN ARE APPROXIMATE BASED ON THE BEST AVAILABLE DATA. SEE REFERENCE DRAWING R-101.



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TRP/TCT
 Checked by: PML
 Drawn by: KSS
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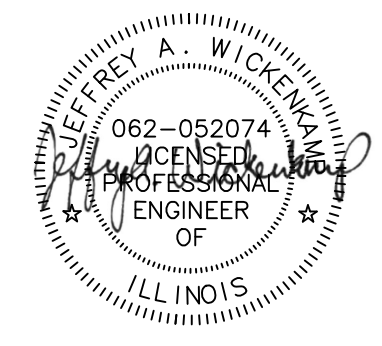
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 Date: 2022

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 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-5200
 CHICAGO@HEYANSC.COM
 PROFESSIONAL DESIGN FIRMS
 LICENSE NO. 18406287

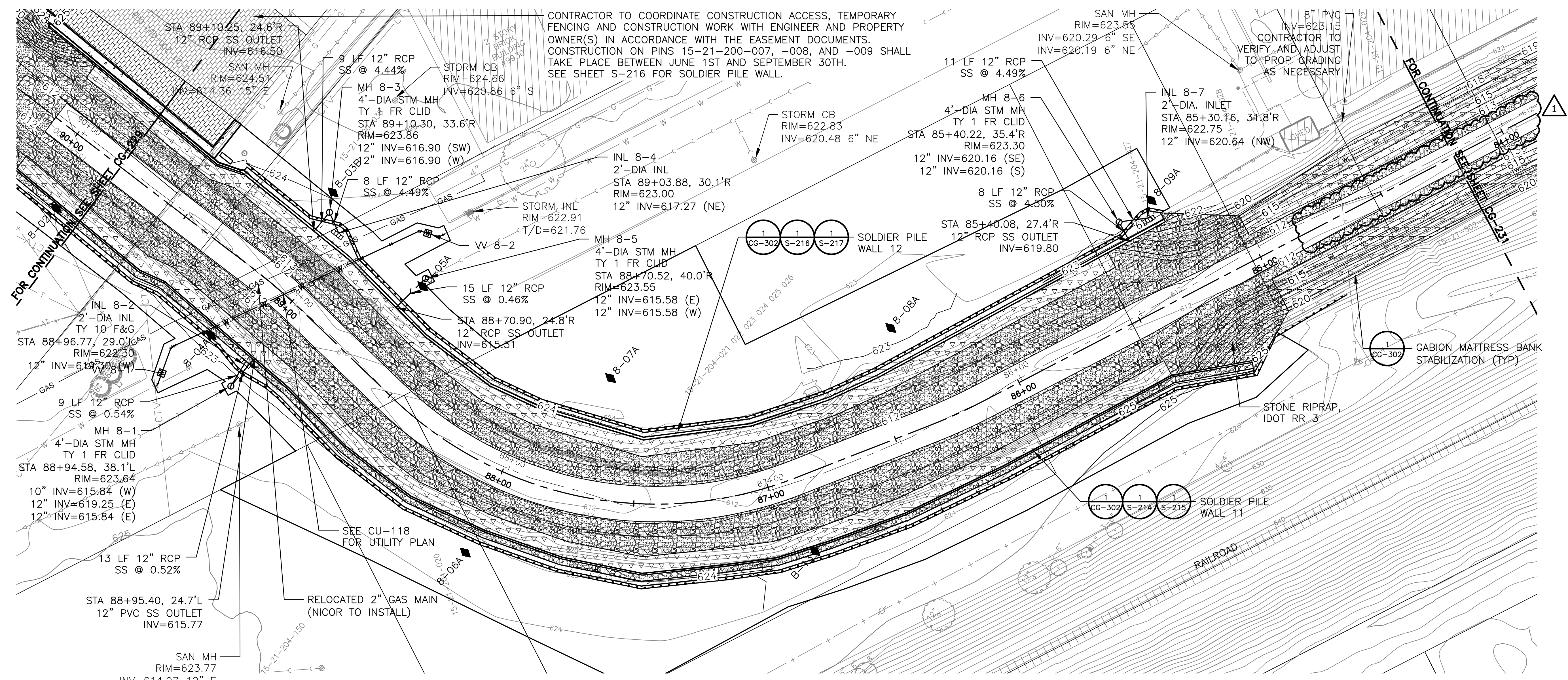
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 7 & 8
 STA. 95+40 TO STA. 89+80

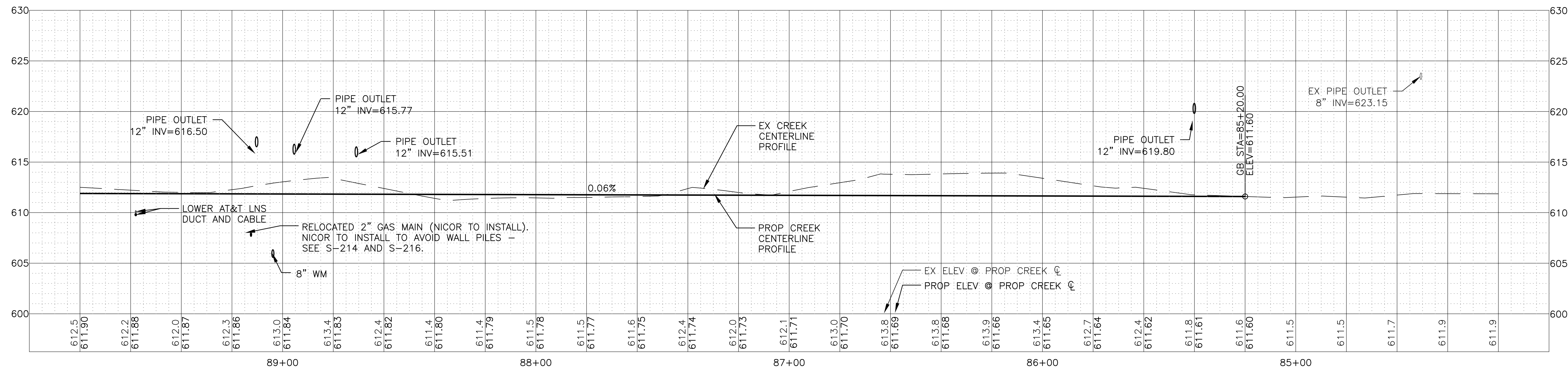
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CG-229
 Page Number: 132



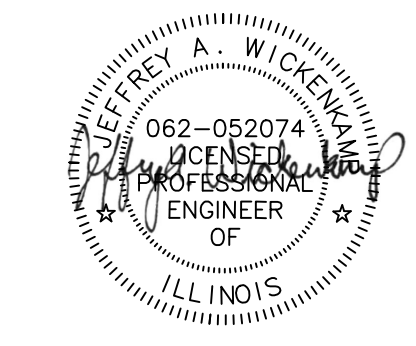
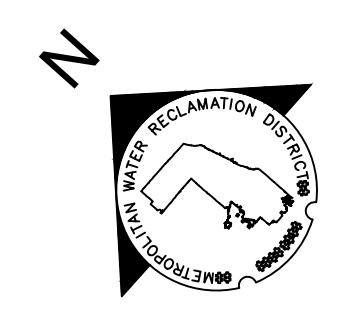
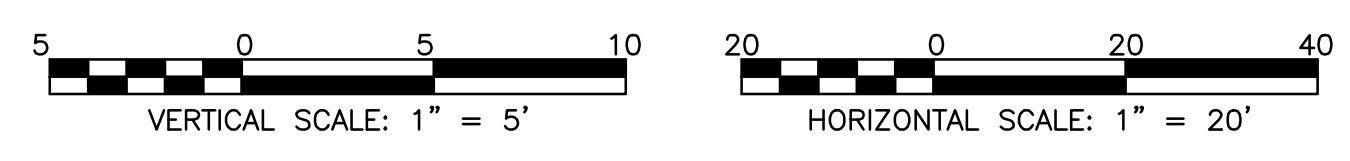
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 PLOT DATE: 1/19/2023 3:09 PM PLOTTED BY: KYLE SOLNER



PLAN
 STA. 89+80 TO STA. 84+20



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

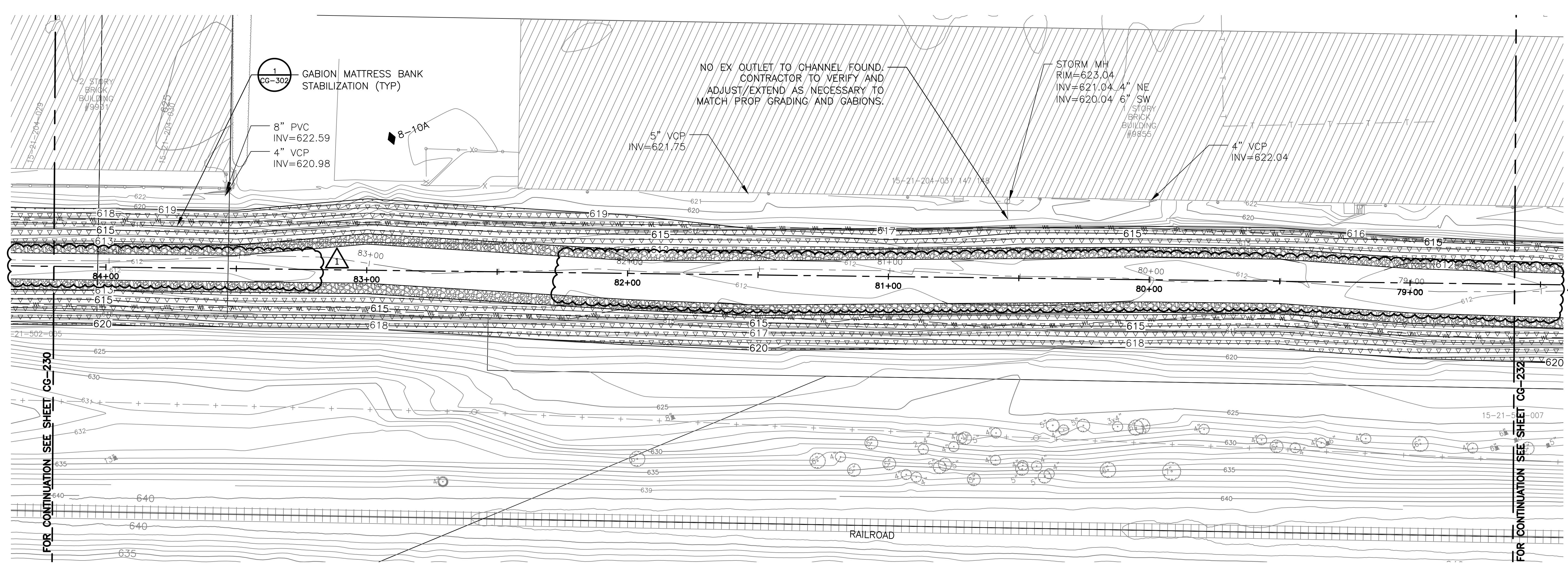
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 LICENSE NO. 18400289

Designed by:	TRP/TCT	Checked by:	PML	Scale:	AS SHOWN
Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

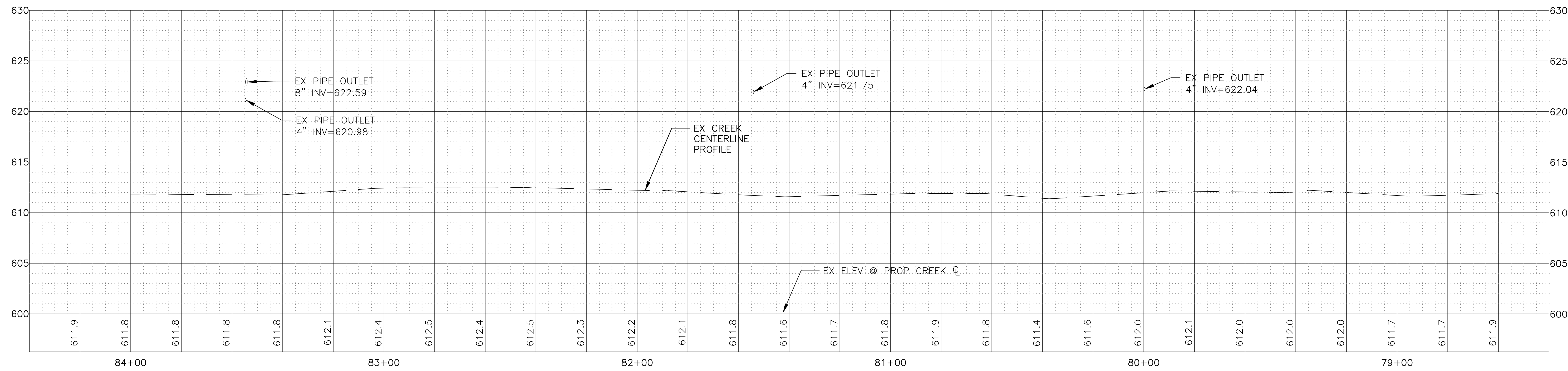
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 8
 STA. 89+80 TO STA. 84+20

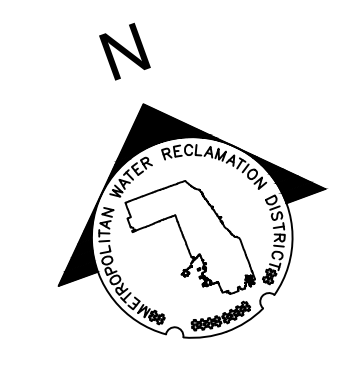
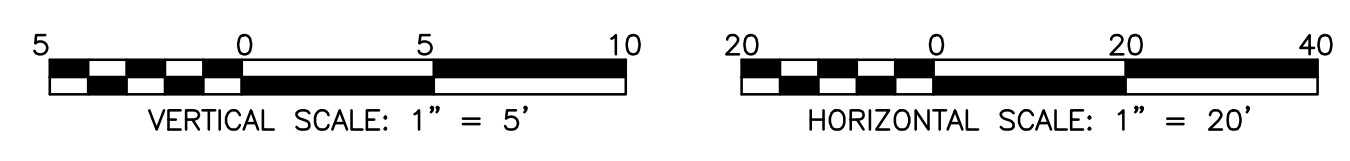
Sheet Number:
CG-230
 Page Number: 133



PLAN
 STA. 84+20 TO STA. 78+60



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

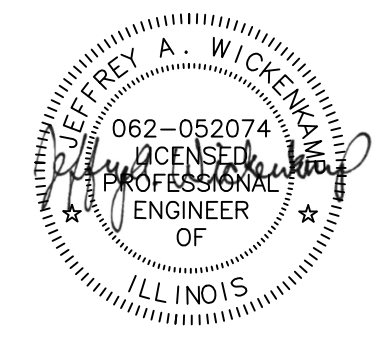
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 Drawn by: KSS
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Scale: AS SHOWN
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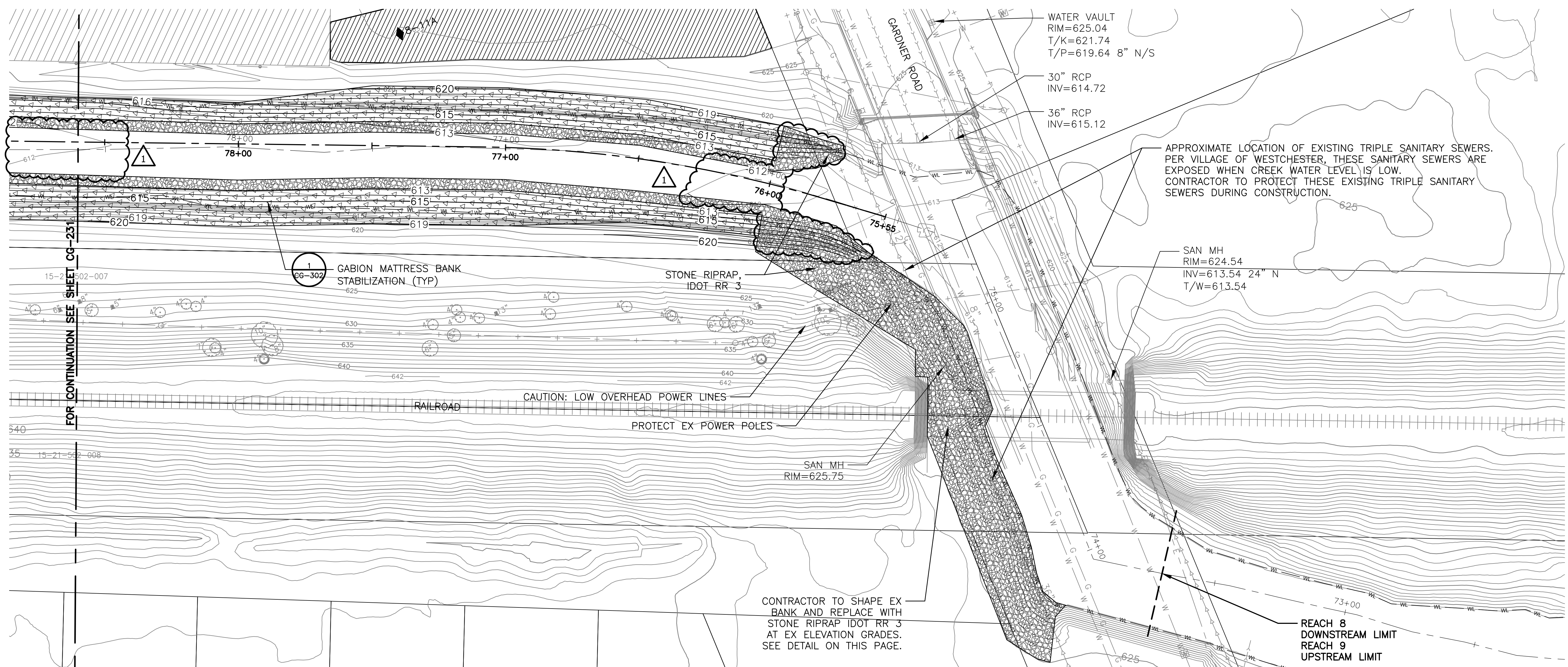
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HEGAN ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18404287

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

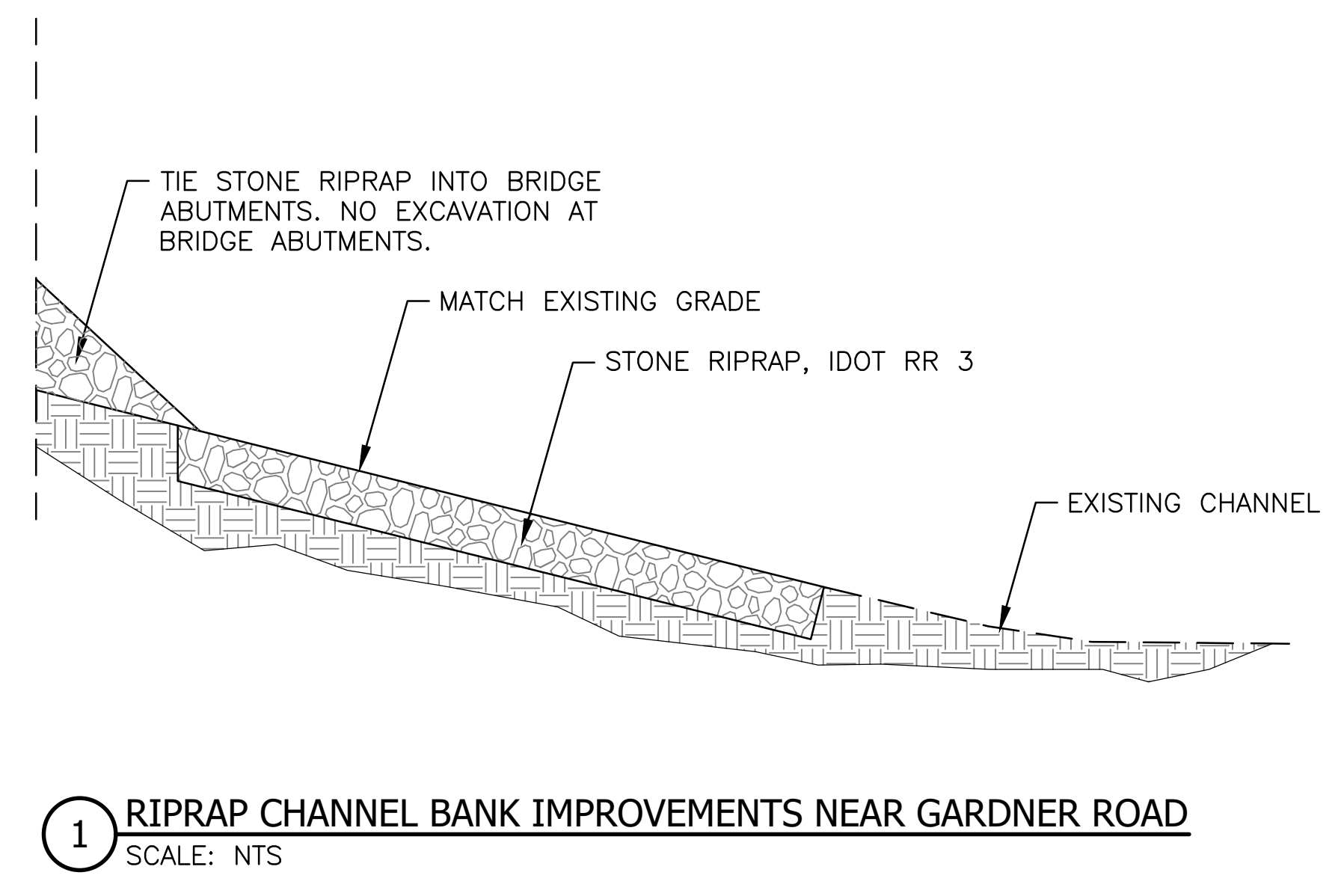
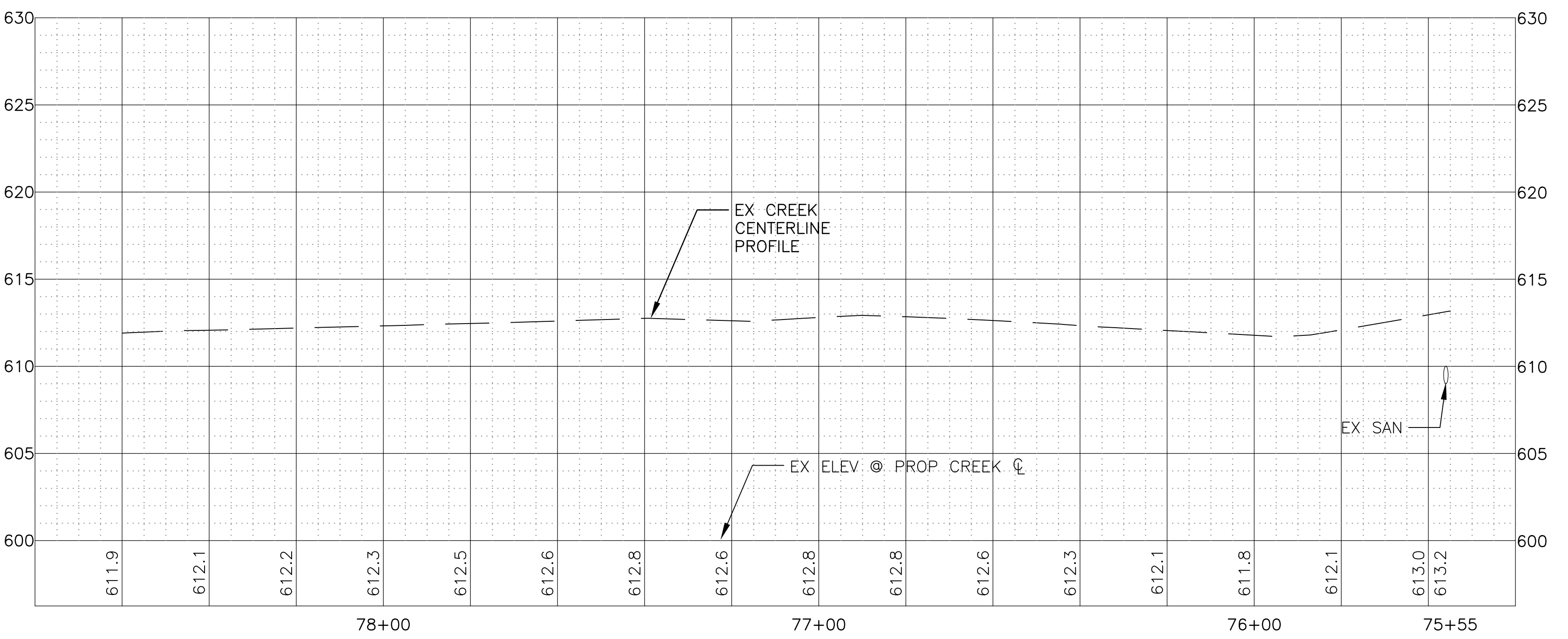
PLAN & PROFILE - REACH 8
 STA. 84+20 TO STA. 78+60



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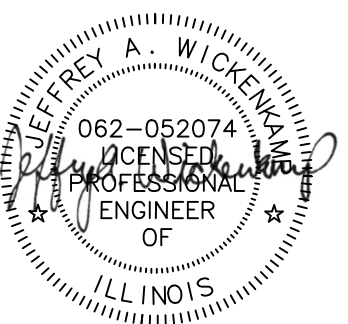
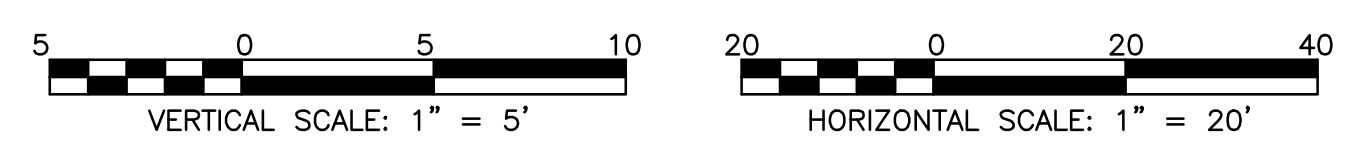


PLAN
 STA. 78+60 TO STA. 75+55



1 RIPRAP CHANNEL BANK IMPROVEMENTS NEAR GARDNER ROAD
 SCALE: NTS

NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 Checked by: PML
 Drawn by: KSS
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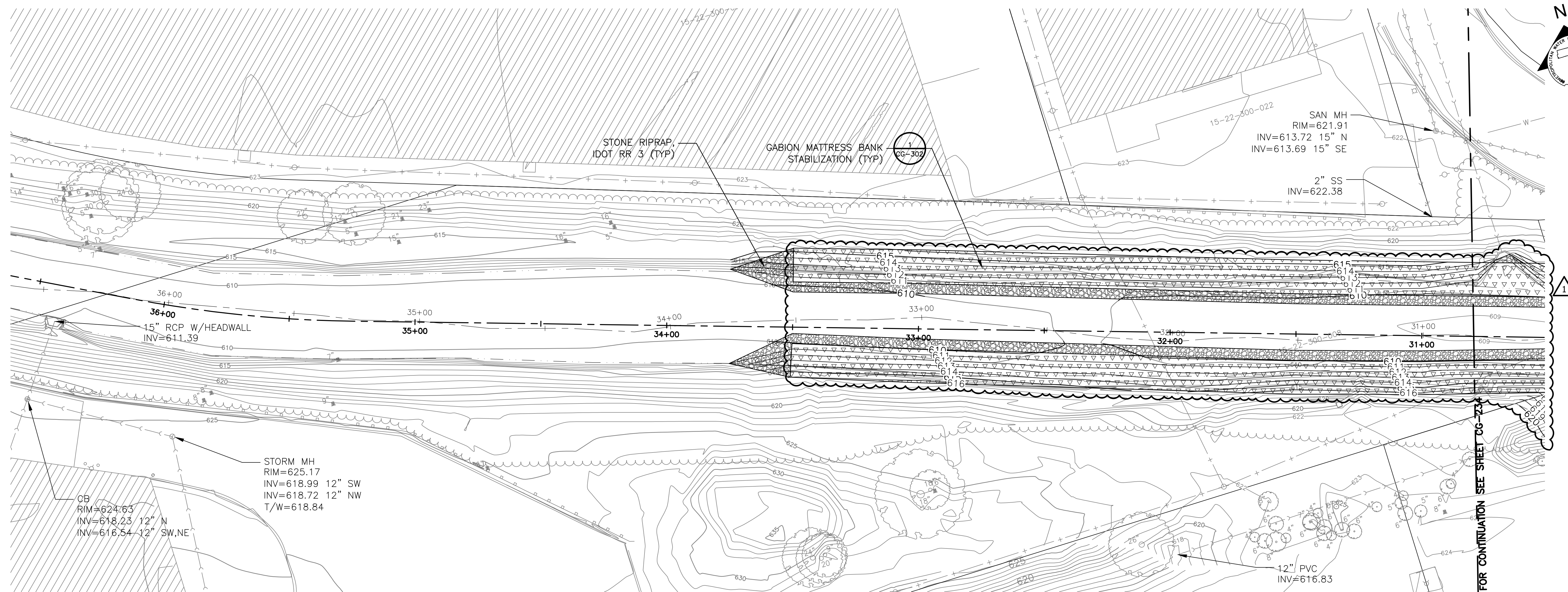
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 LICENSE NO. 184002829

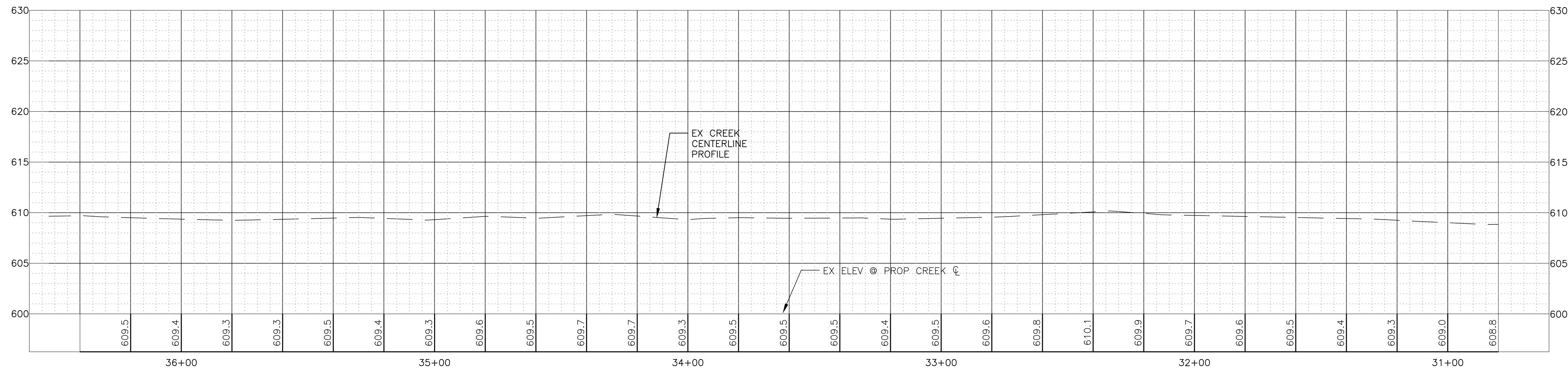
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 8
 STA. 78+60 TO STA. 75+55

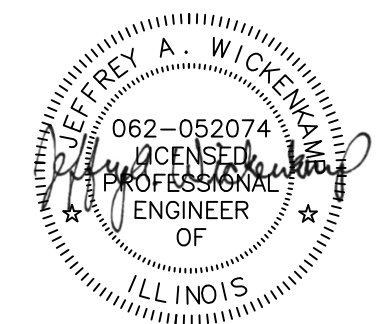
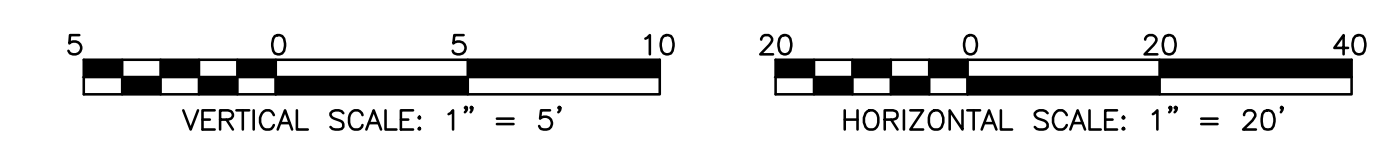
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PLAN
STA. 36+40 TO STA. 30+80



NOTE:
CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Checked by: PML
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Scale: AS SHOWN
Date: 2022

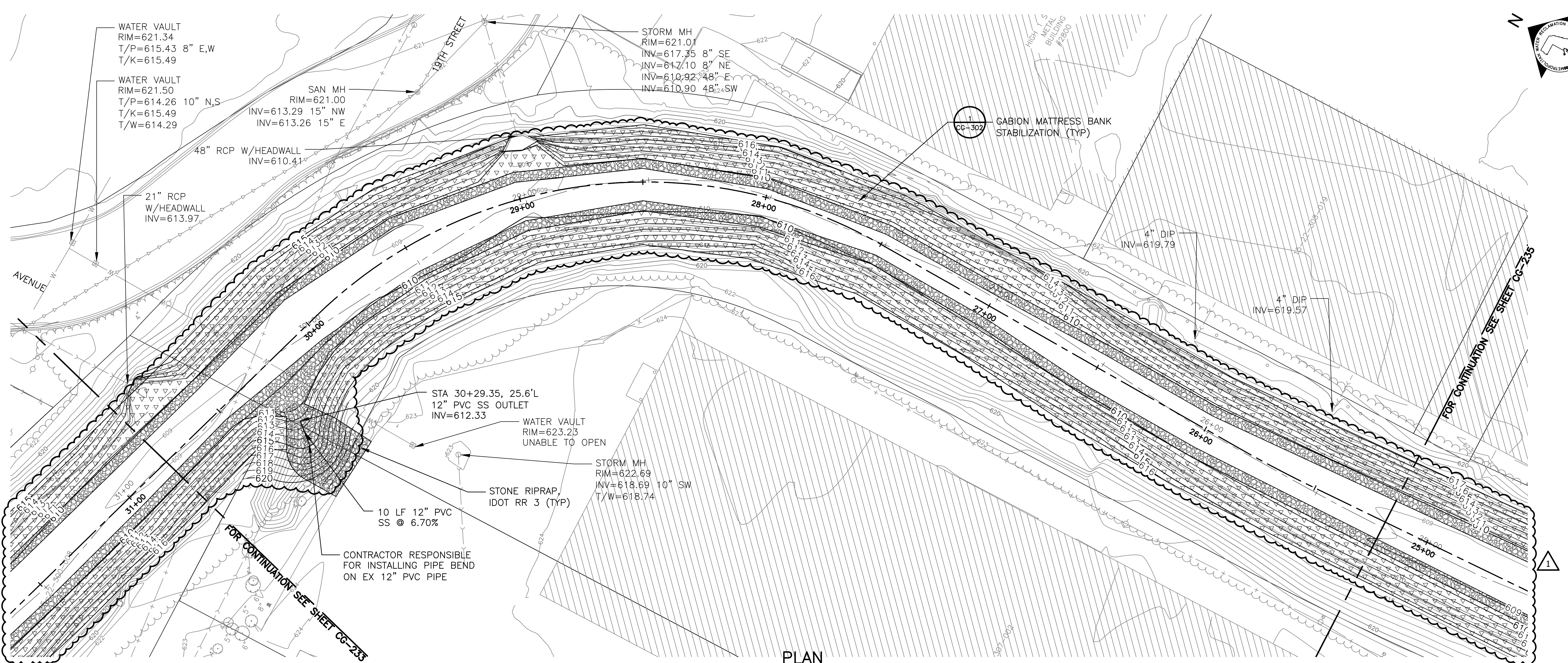
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

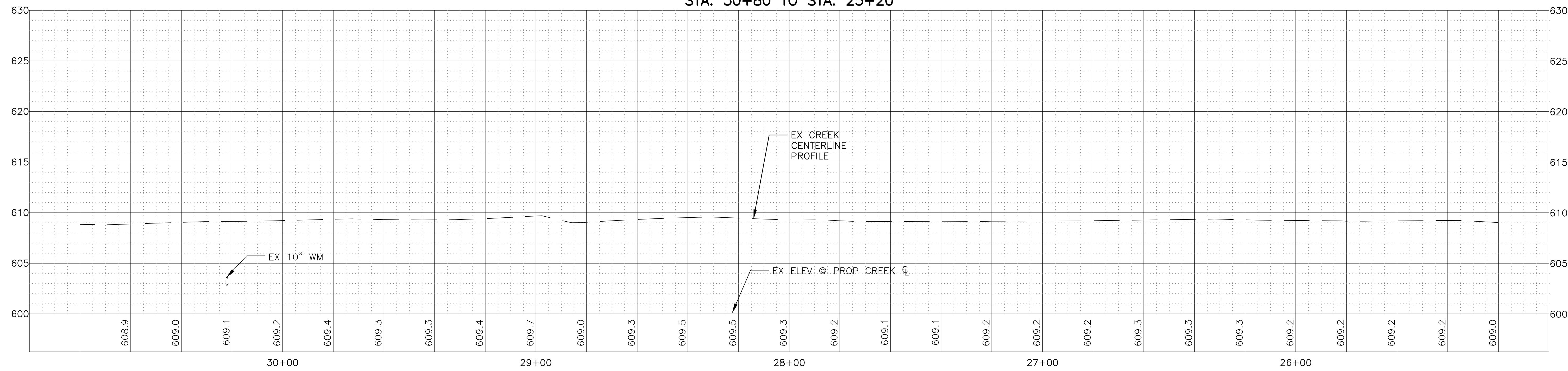
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STA. 36+40 TO STA. 30+80

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Page Number: 136

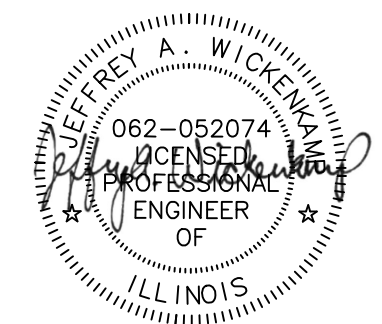
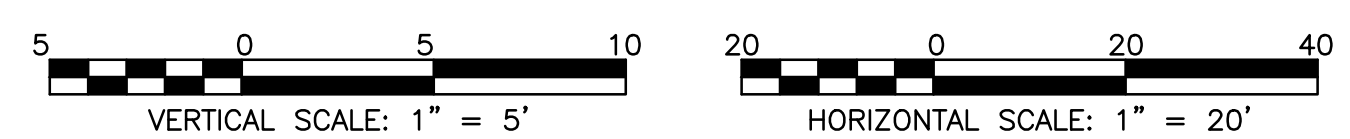
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PLAN
 STA. 30+80 TO STA. 25+20



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

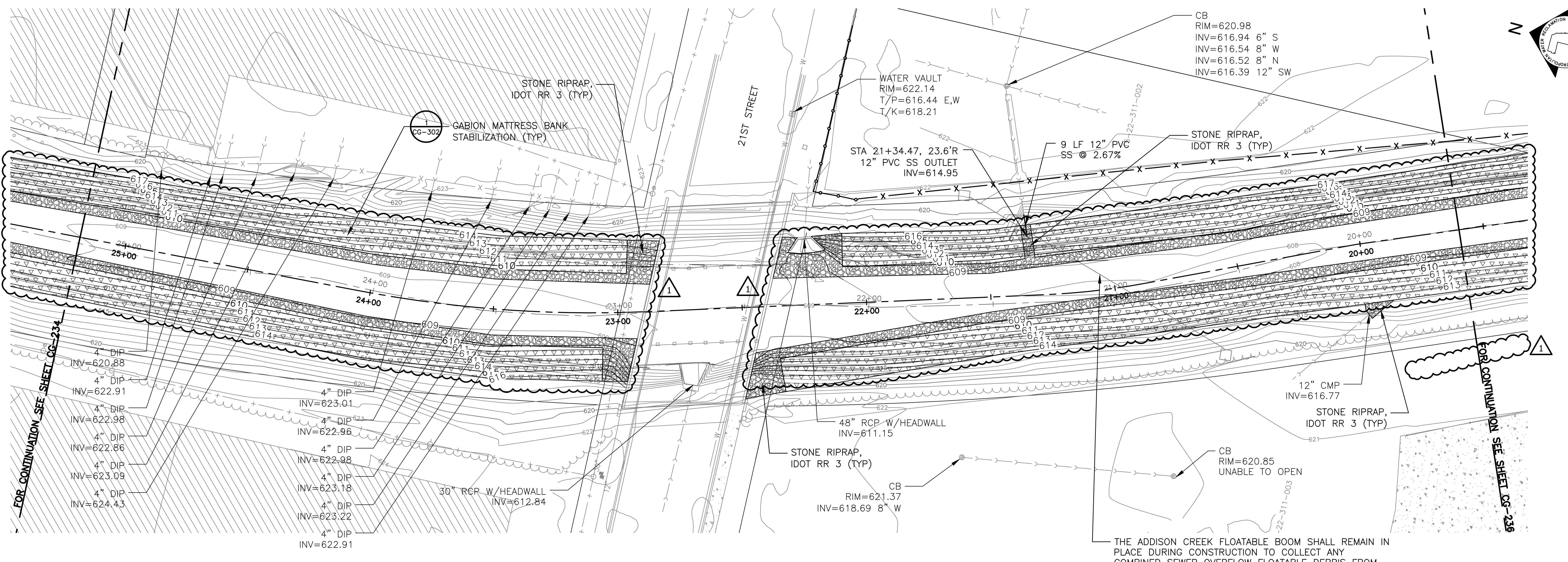
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 Checked by: PML
 Reviewed by: JAW
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 Date: 2022

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 OFFICE (773) 699-9200
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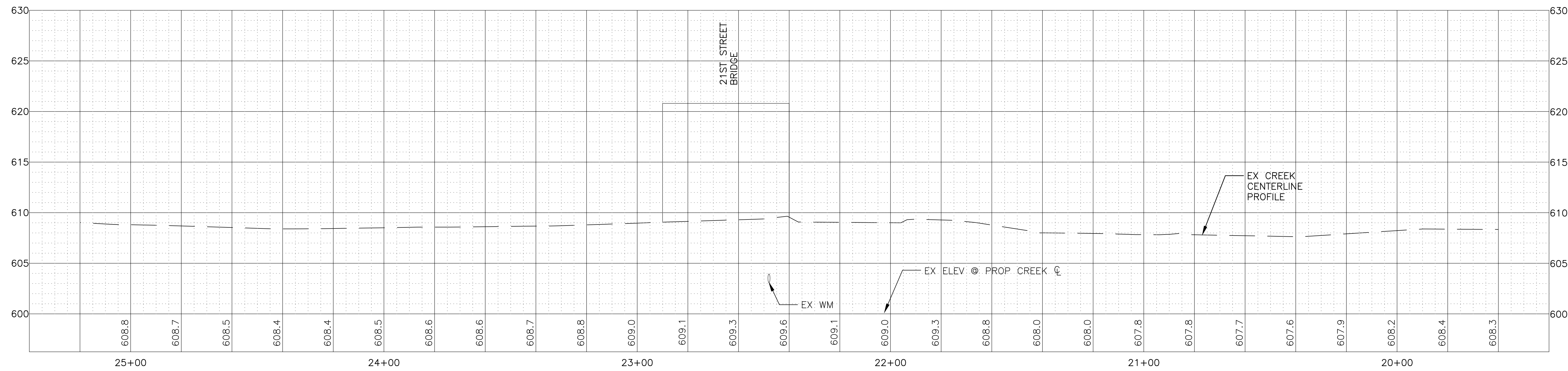
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

PLAN & PROFILE - REACH 9
 STA. 30+80 TO STA. 25+20

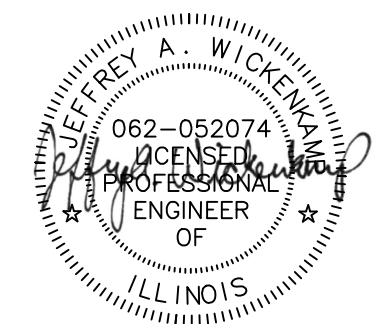
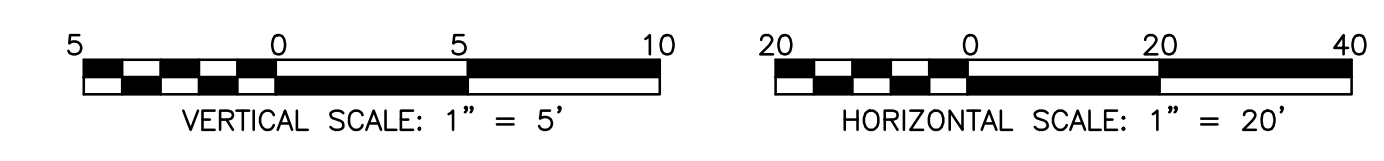
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 Page Number: 137



PLAN
 STA. 25+20 TO STA. 19+60



NOTE:
 CONTRACTOR TO FIELD VERIFY ANY EXISTING SEWER OR SUMP PUMP DISCHARGE POINTS. ALL EXISTING SEWERS AND DISCHARGE PIPES SHALL BE RESTORED IN-KIND AND SHALL BE INCIDENTAL TO THE CHANNEL CONSTRUCTION WORK.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

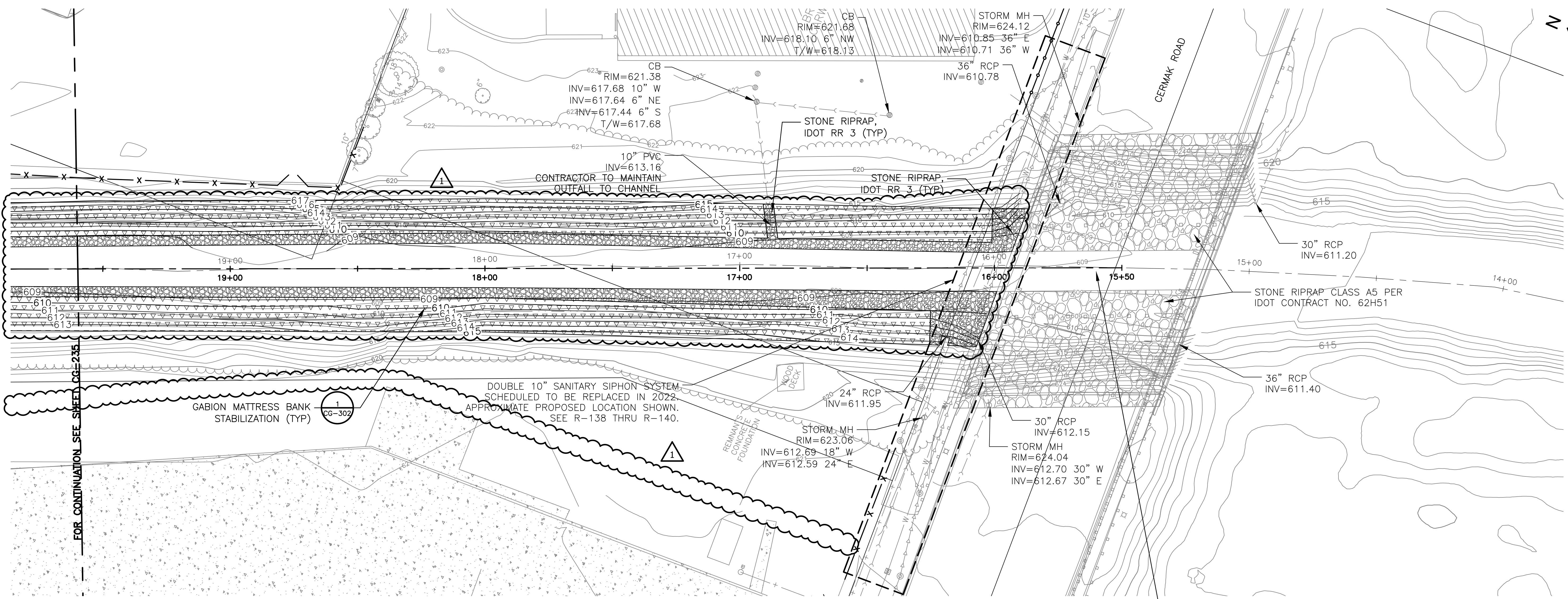
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 Reviewed by: JAW
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 OFFICE (773) 699-9200
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 ADDISON CREEK CHANNEL IMPROVEMENTS

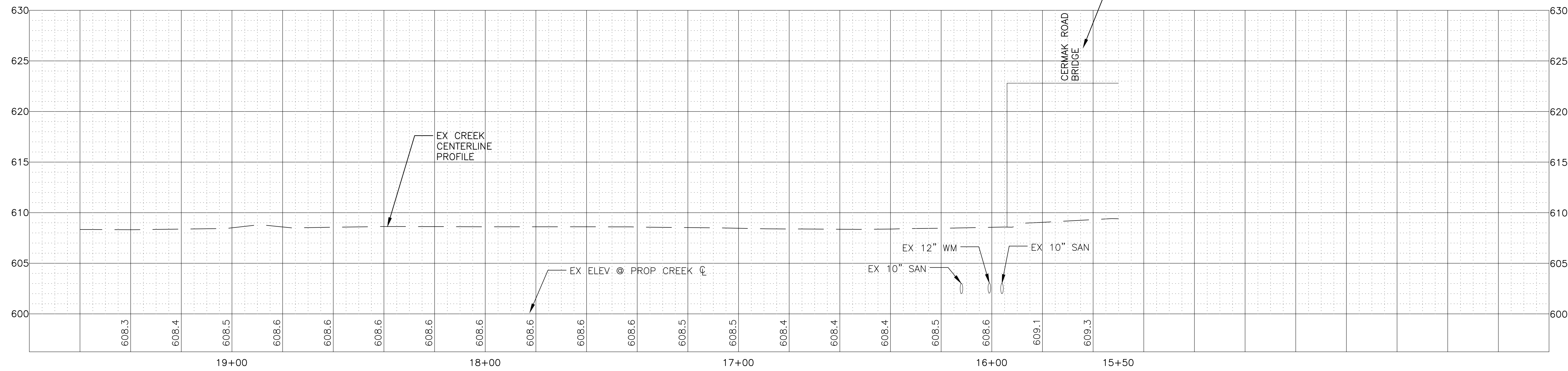
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 STA. 25+20 TO STA. 19+60

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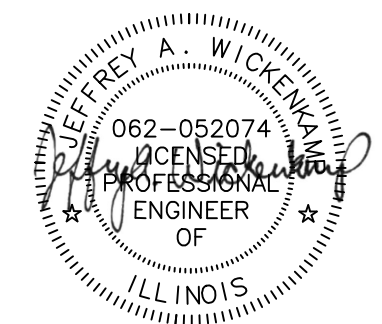
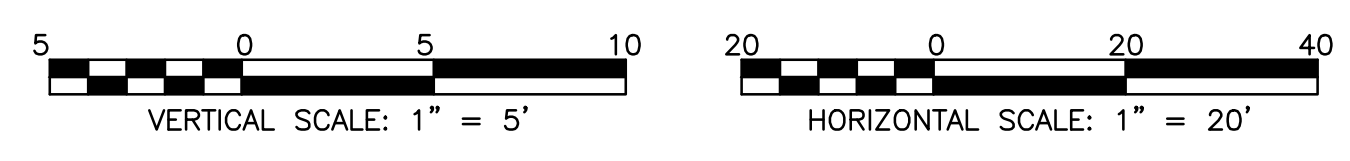


PLAN
 STA. 19+60 TO STA. 16+00

NOTE: CERMAK ROAD BRIDGE IS SCHEDULED TO BE REPLACED IN 2022. SEE R-144 THRU R-147.



NOTE:
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 Correct: JAW

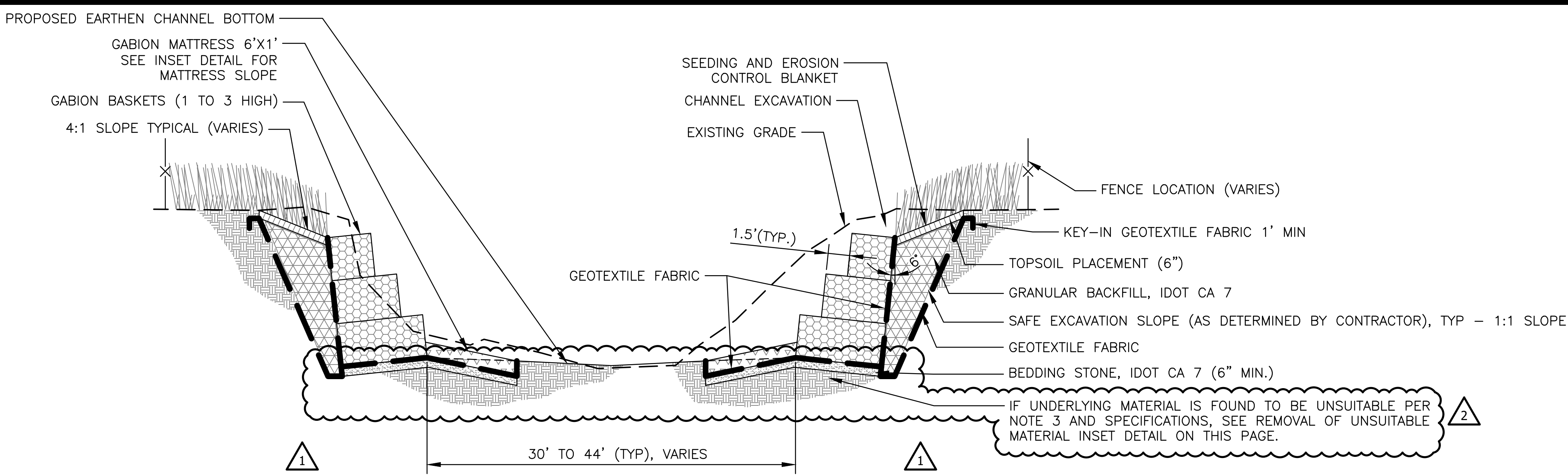
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

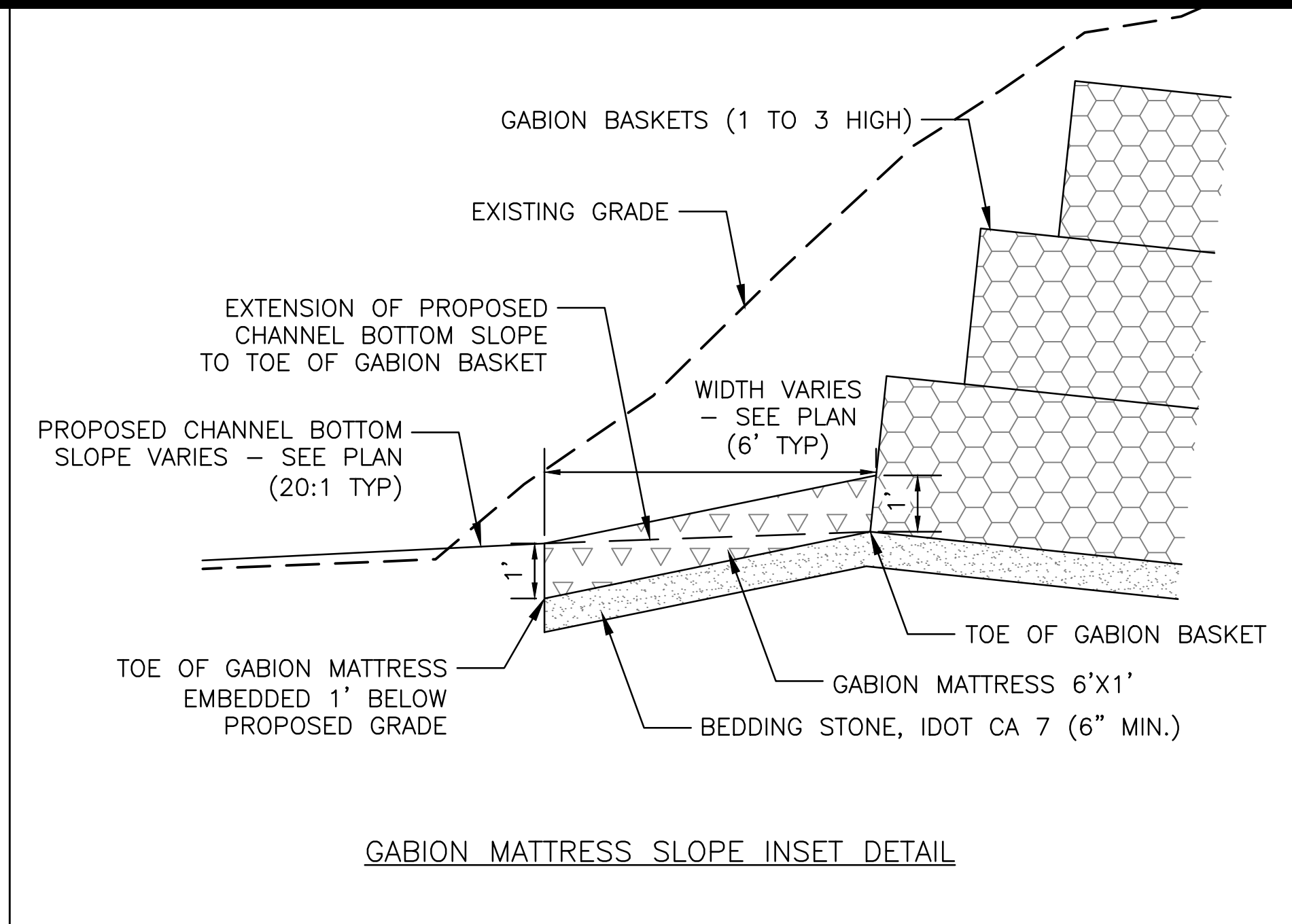
PLAN & PROFILE - REACH 9
 STA. 19+60 TO STA. 15+50

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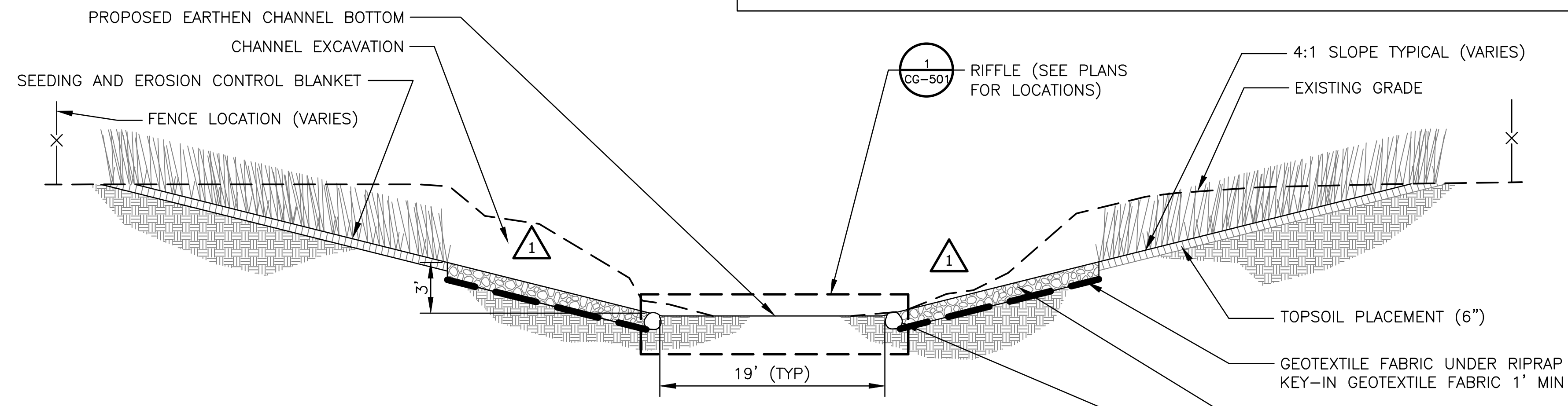


1 TYPICAL GABION BASKET WALL SECTION
 SCALE: NTS

- NOTES:
- SEE STRUCTURAL SHEETS FOR GABION BASKET WALL SECTIONS AND DETAILS (SHEETS S-300 & S-500 SERIES)
 - SEE CROSS SECTIONS (SHEETS CG-700 SERIES)
 - RECOMMENDED ALLOWABLE BEARING PRESSURE OF UNDERLYING MATERIAL TO BE AT LEAST 1,800 TO 2,000 PSF IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SUBGRADE TO BE INSPECTED AND TESTED TO DETERMINE BEARING PRESSURE. IF BEARING PRESSURES ARE NOT ACHIEVED, UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
 - GABION BASKETS SHALL BE 8X10 HIGH ABRASION RESISTANT POLYMER COATED.
 - GABION MATTRESSES SHALL BE 6X8 HIGH ABRASION RESISTANT POLYMER COATED.
 - GABION BASKETS SHALL BE FILLED WITH ROCK SIZES BETWEEN 4 IN. AND 8 IN. ACCORDING TO THE SPECIFICATIONS.
 - GABION MATTRESS SHALL BE FILLED WITH ROCK SIZES BETWEEN 4 IN. AND 8 IN. ACCORDING TO THE SPECIFICATIONS.

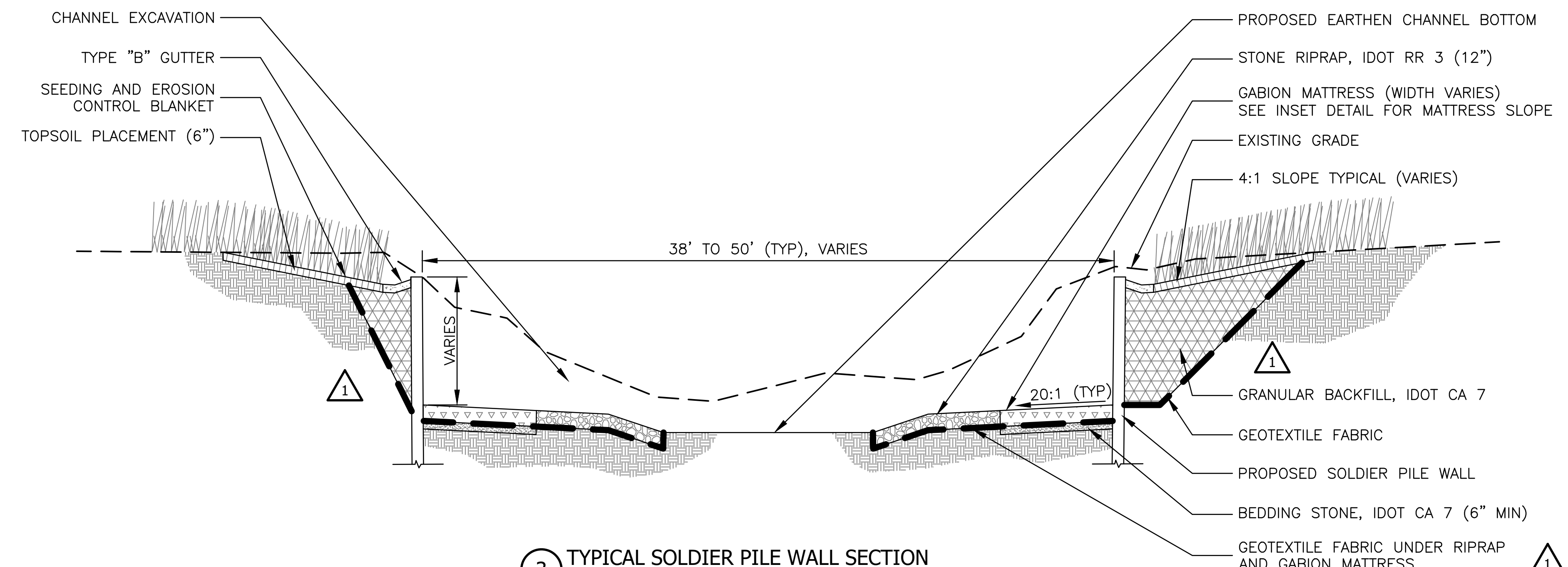


GABION MATTRESS SLOPE INSET DETAIL



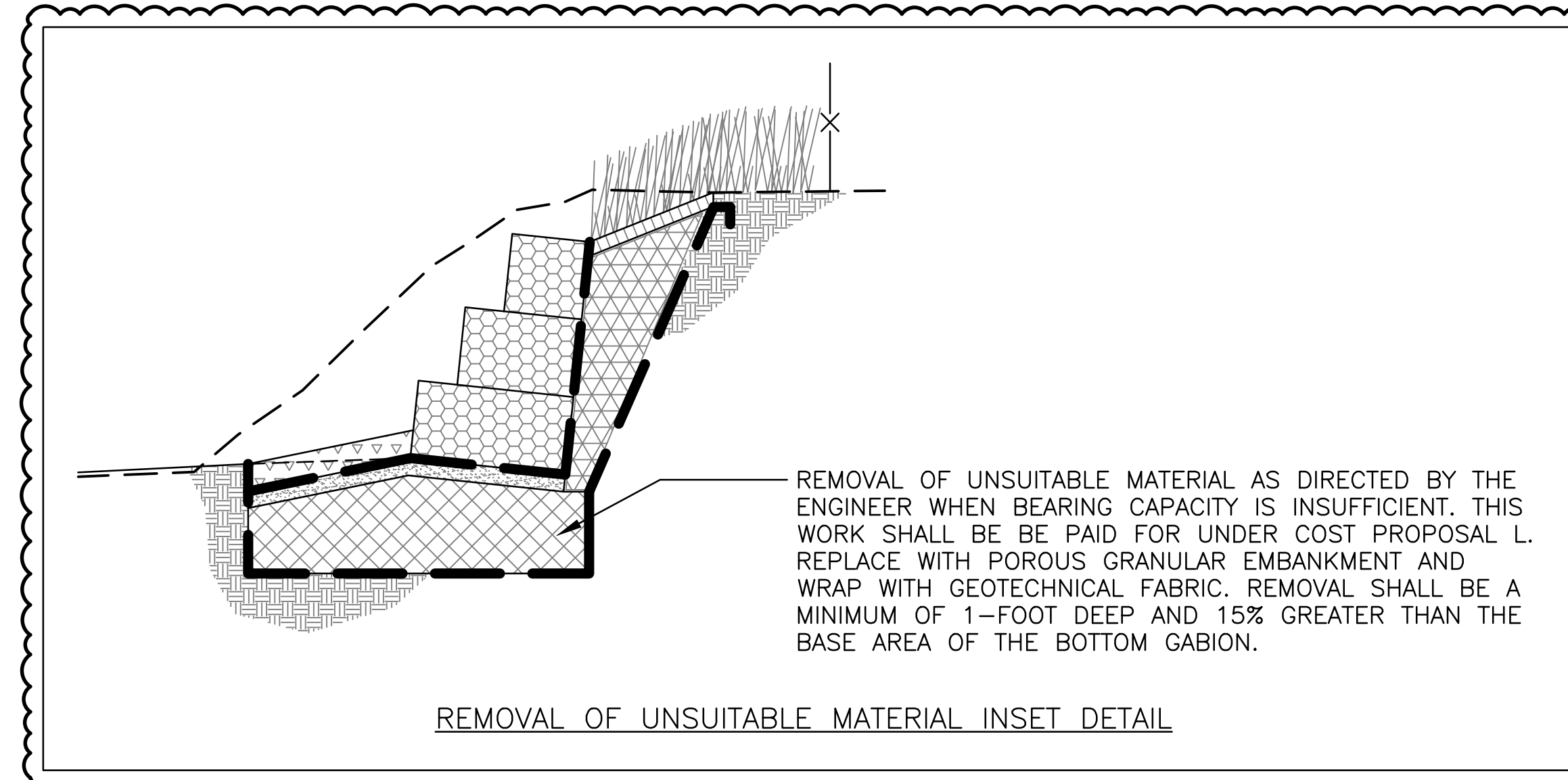
2 TYPICAL OPEN CHANNEL SECTION
 SCALE: NTS

- NOTES:
- SEE CROSS SECTIONS (SHEETS CG-700 SERIES)
 - GABION MATTRESSES SHALL BE 6X8 HIGH ABRASION RESISTANT POLYMER COATED.
 - GABION MATTRESS SHALL BE FILLED WITH ROCK SIZES BETWEEN 4 IN. AND 8 IN. ACCORDING TO THE SPECIFICATIONS.



3 TYPICAL SOLDIER PILE WALL SECTION
 SCALE: NTS

- NOTES:
- SEE STRUCTURAL SHEETS FOR SOLDIER PILE WALL SECTIONS AND DETAILS (SHEETS S-300 & S-500 SERIES)
 - SEE CROSS SECTIONS (SHEETS CG-700 SERIES)



REMOVAL OF UNSUITABLE MATERIAL INSET DETAIL

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23
2	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

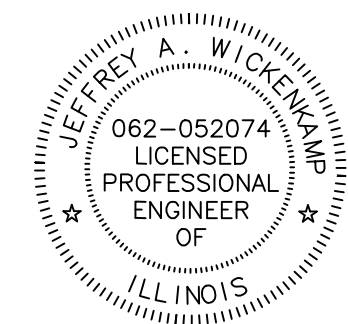
Contract 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL TYPICAL SECTIONS

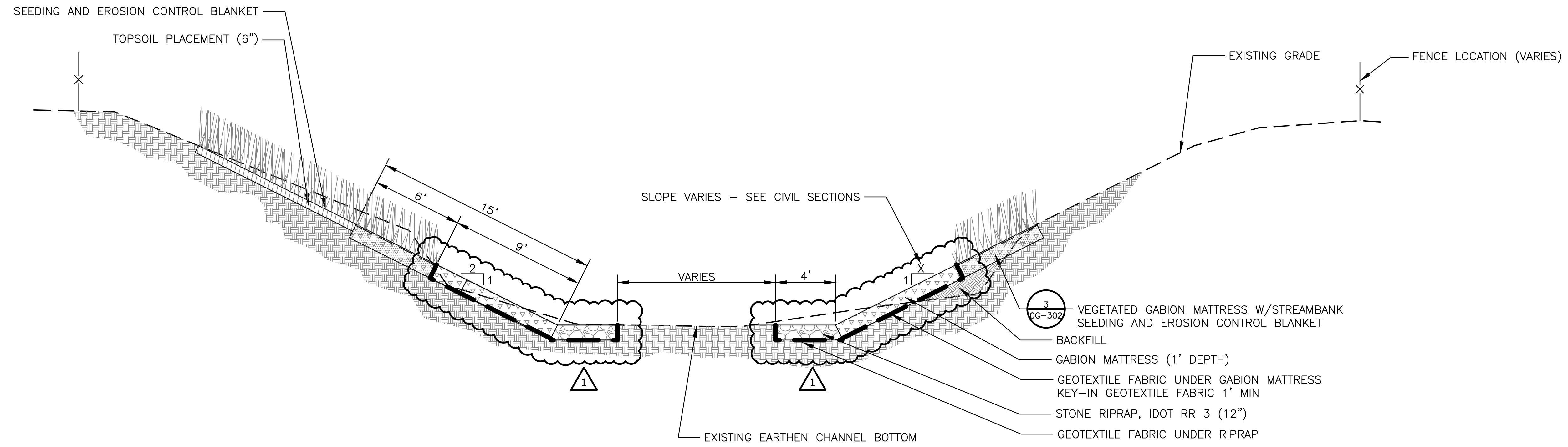
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 Date: 2022

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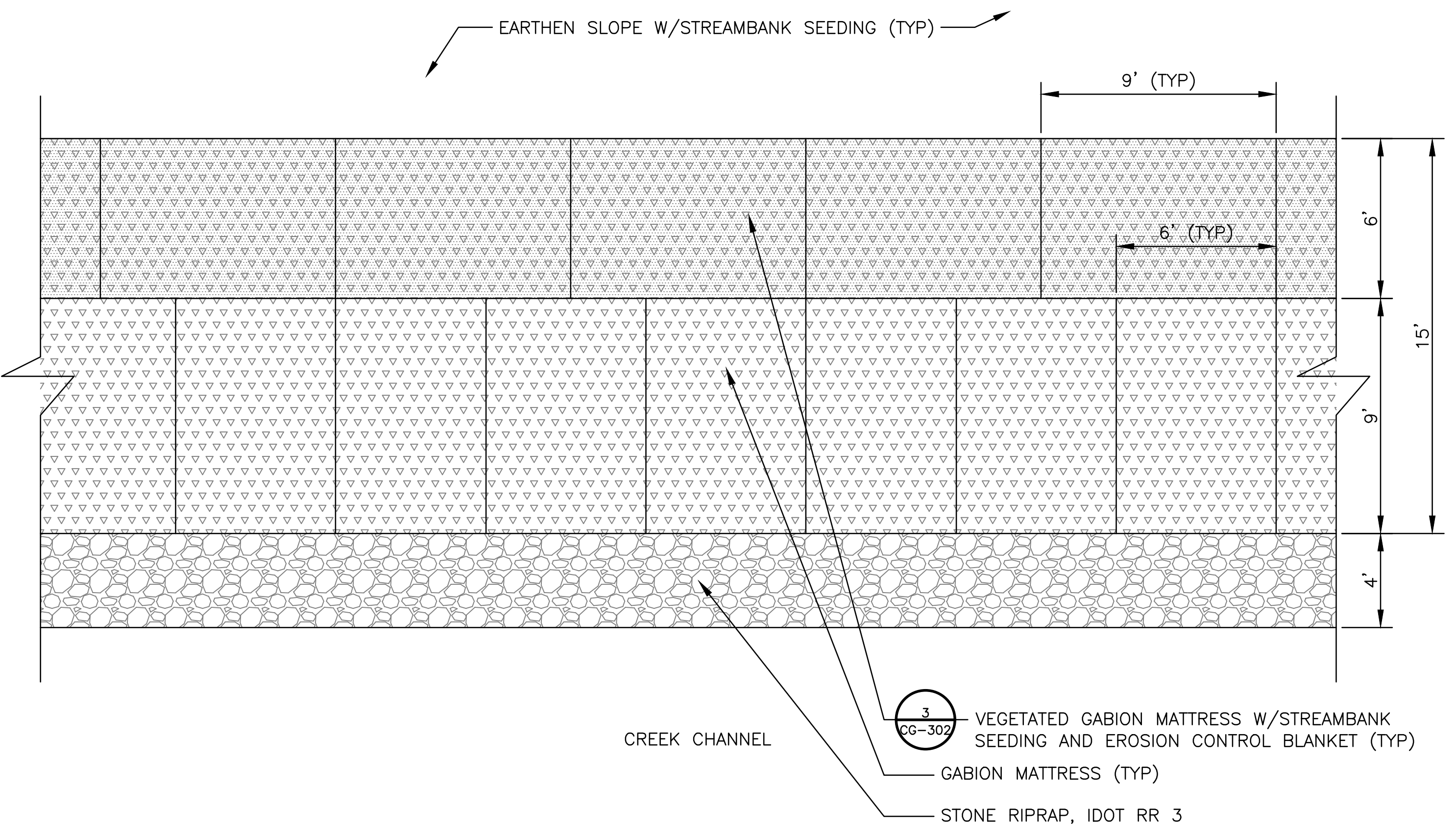


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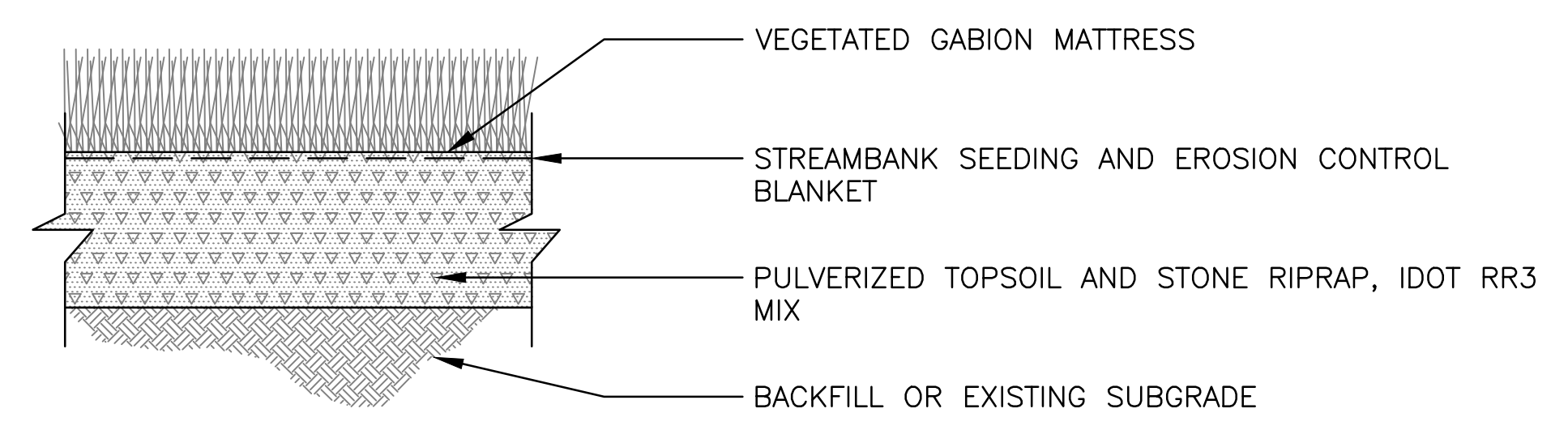


1 TYPICAL GABION MATTRESS BANK STABILIZATION SECTION
 SCALE: NTS

- NOTES:
1. SEE CROSS SECTIONS (SHEETS CG-700 SERIES)
 2. GABION AND VEGETATED GABION MATTRESSES SHALL BE 6X8 HIGH ABRASION RESISTANT POLYMER COATED.
 3. GABION AND VEGETATED GABION MATTRESS SHALL BE FILLED WITH ROCK SIZES BETWEEN 4 IN. AND 8 IN. ACCORDING TO THE SPECIFICATIONS.



2 TYPICAL GABION MATTRESS BANK STABILIZATION DETAIL PLAN
 SCALE: NTS



3 TYPICAL VEGETATED GABION MATTRESS DETAIL
 SCALE: NTS

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

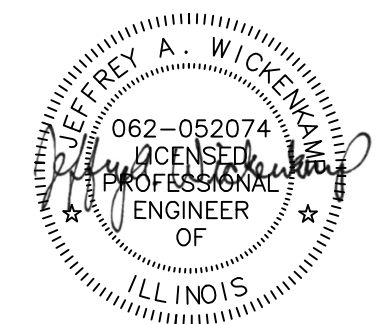
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

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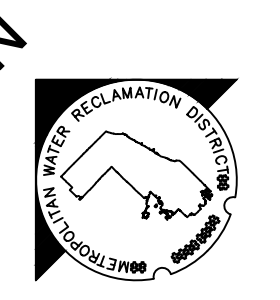
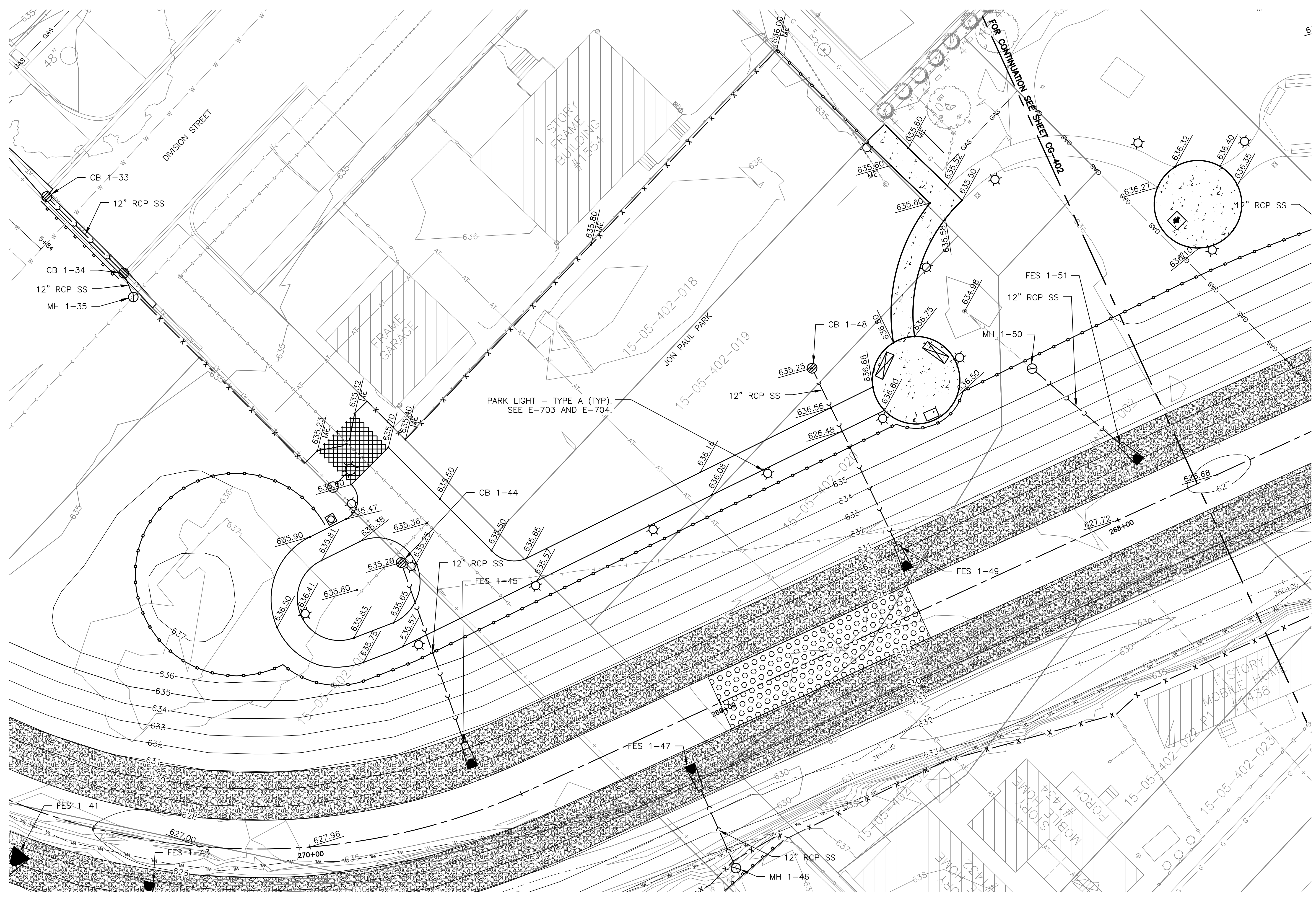
Hey and Associates, Inc.
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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23



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Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

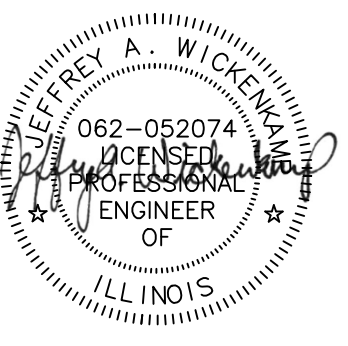
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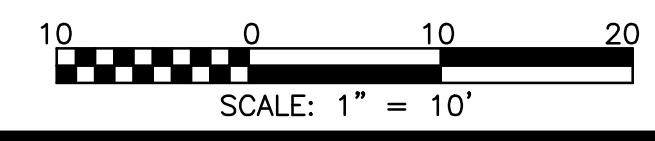
Hey and Associates, Inc.
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE PLAN - REACH 1
 JON PAUL PARK

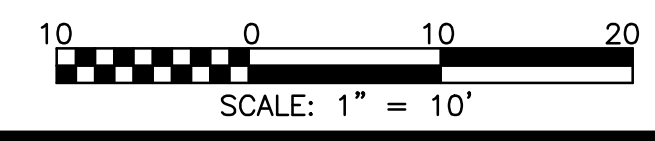


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PLOT DATE: 10/21/2022 11:37 AM PLOTTED BY: KYLE SOLNER



Rev.	Description	Appr.	Date

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Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-5200
CHICAGO@HEYANCK.COM
LICENSED DESIGN FIRM
LICENSE NO. 18400287

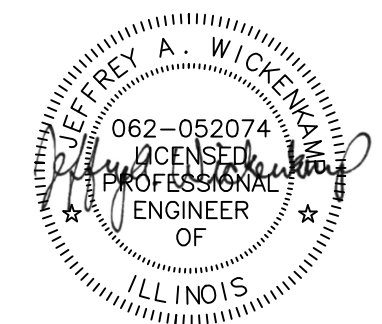
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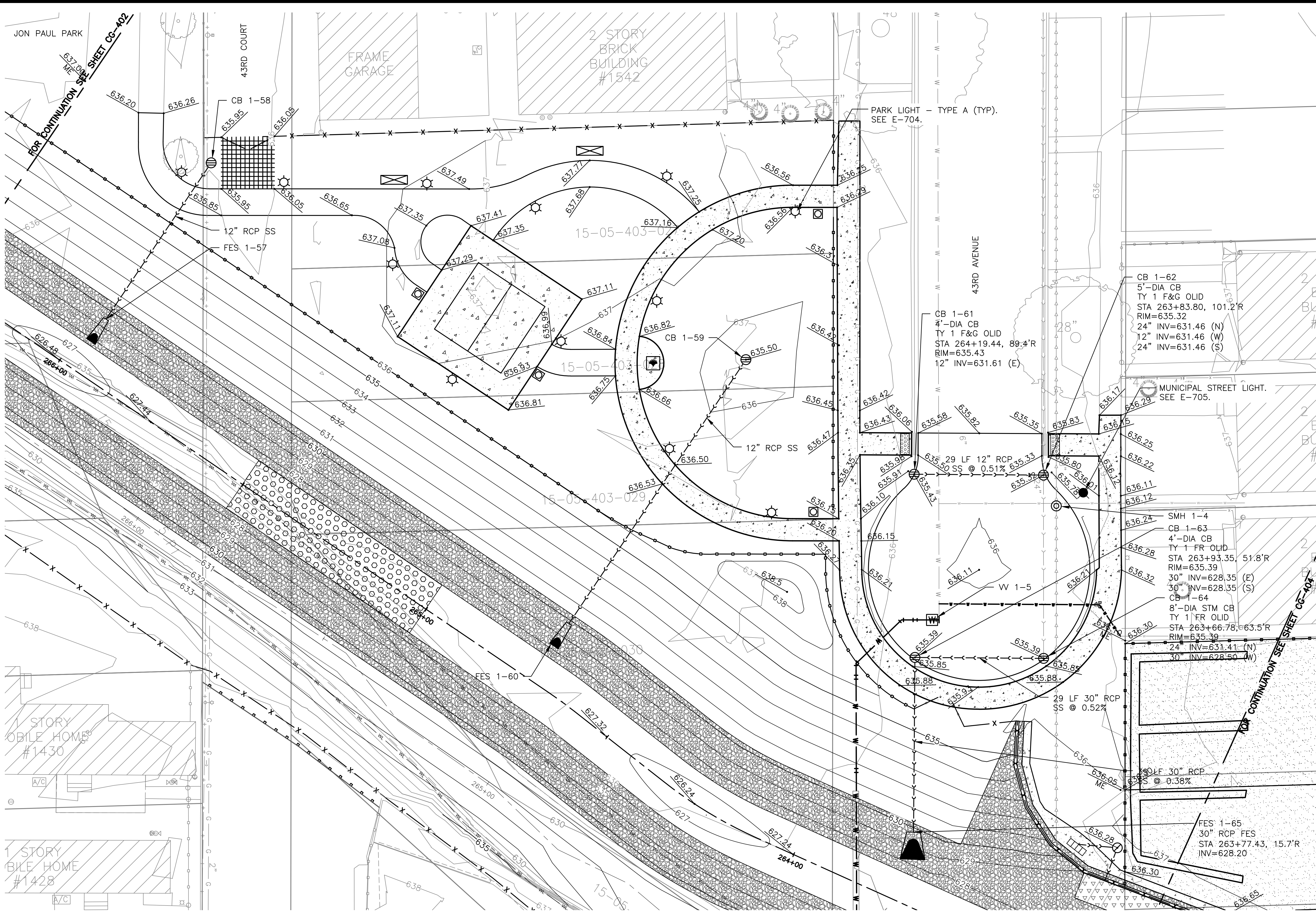
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE PLAN - REACH 1
JON PAUL PARK

Sheet Number:
CG-402

Page Number: 144





Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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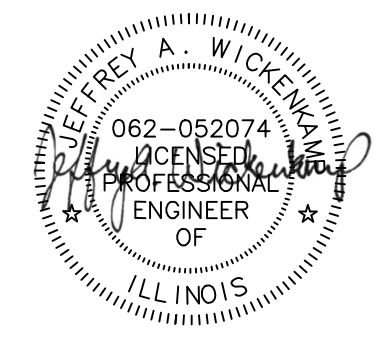
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 CHICAGO@HEYASAC.COM
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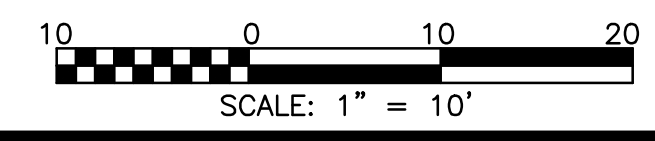
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE PLAN - REACH 1
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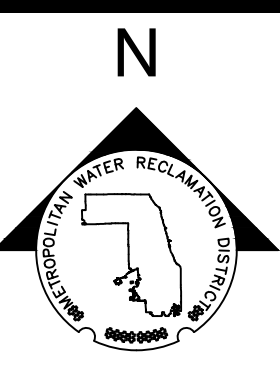
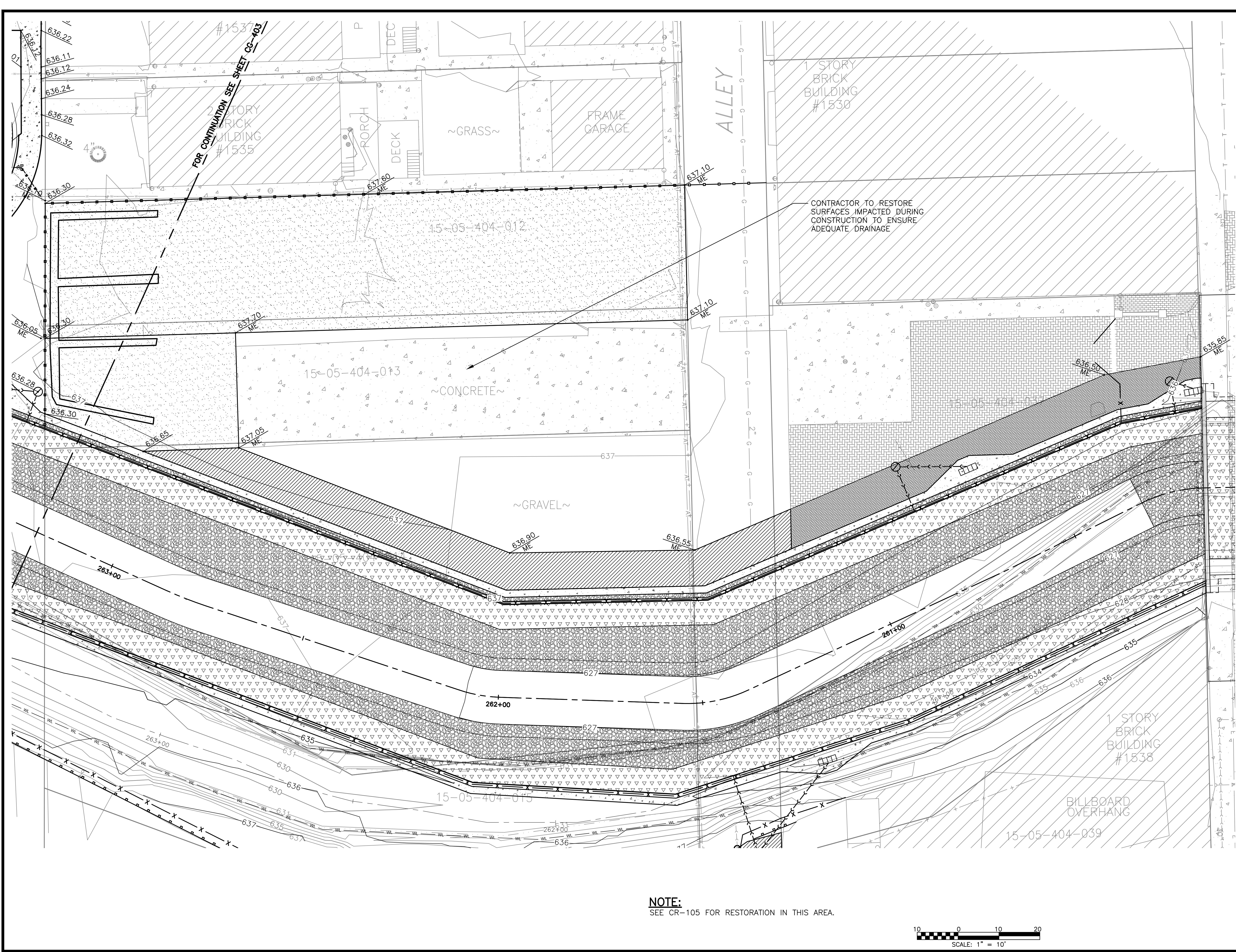


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CG-403

Page Number: 145



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Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Contract 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

Grading & Drainage Plan - Reach 1
Detailed Grading Sheet

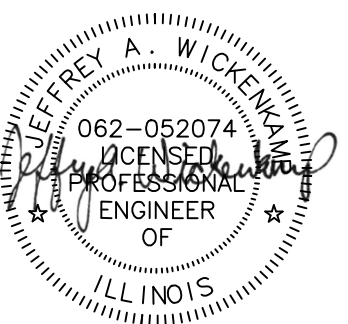
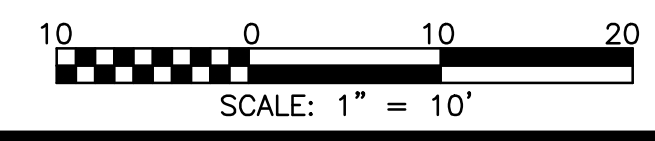
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Correct:

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8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYASAC.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18400287

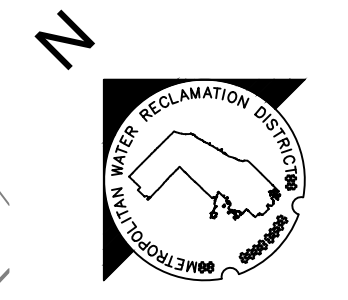
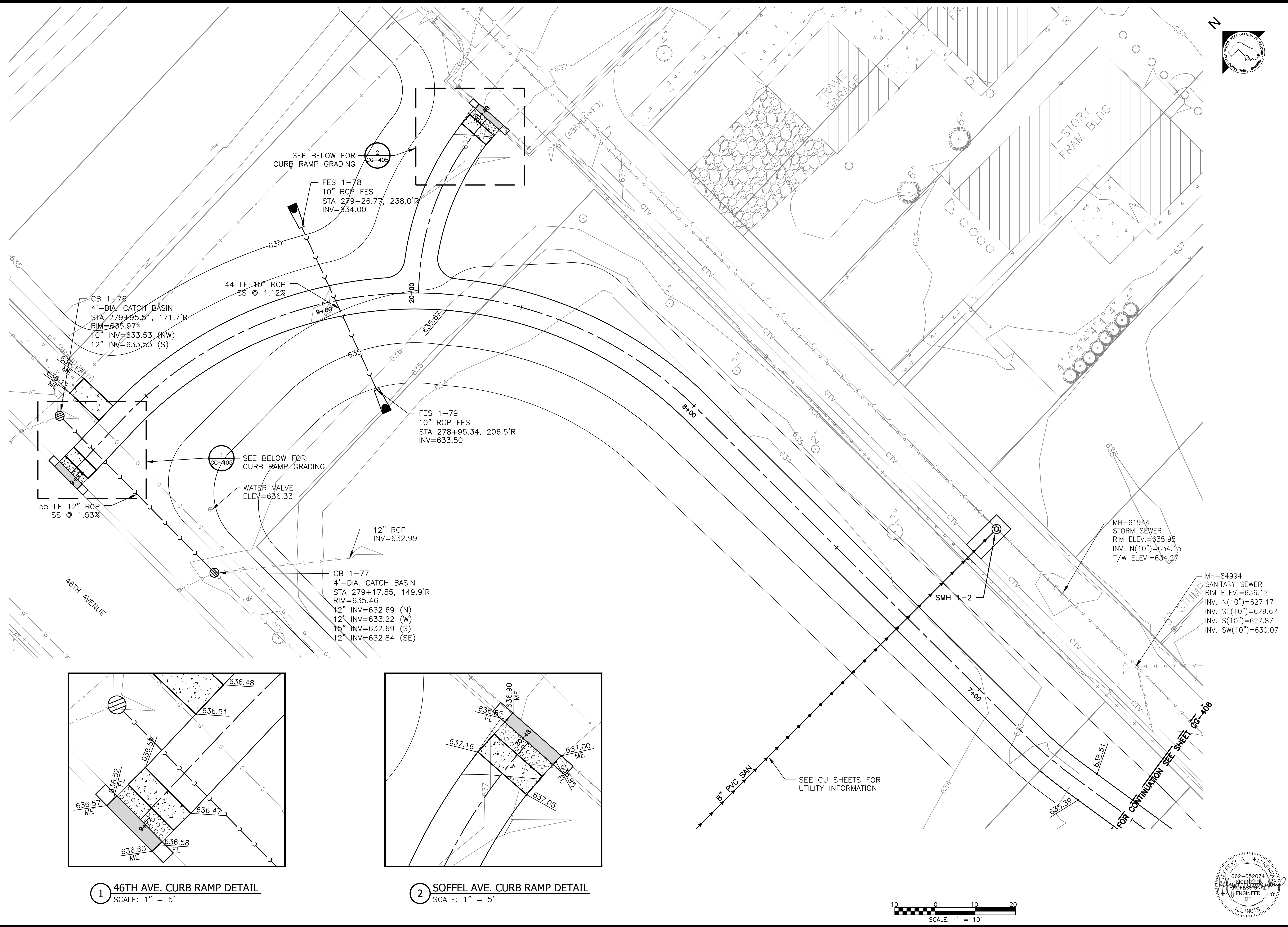
NOTE:
SEE CR-105 FOR RESTORATION IN THIS AREA.



Sheet Number:
CG-404

Page Number: 146

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Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM

DESIGNED BY: KSS
 CHECKED BY: PML
 DRAWN BY: KSS
 CORRECT: KSS

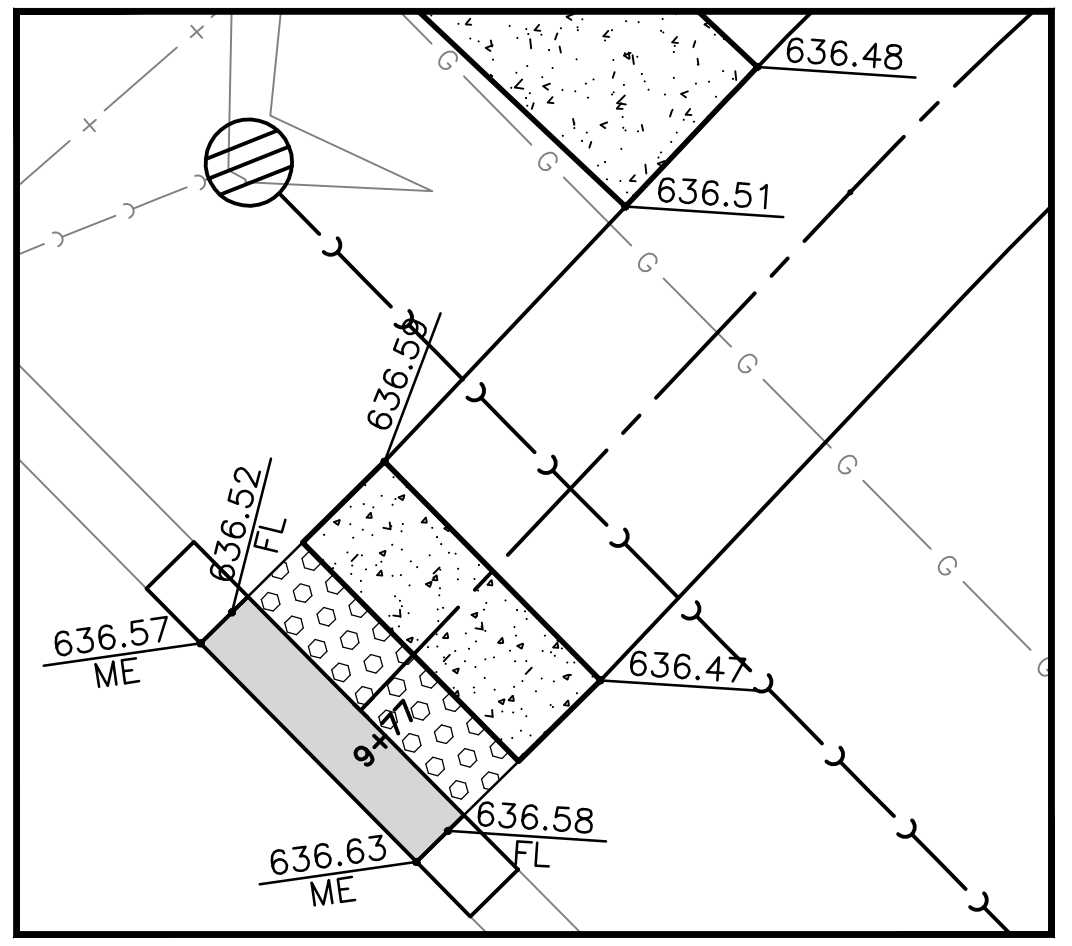
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PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406289

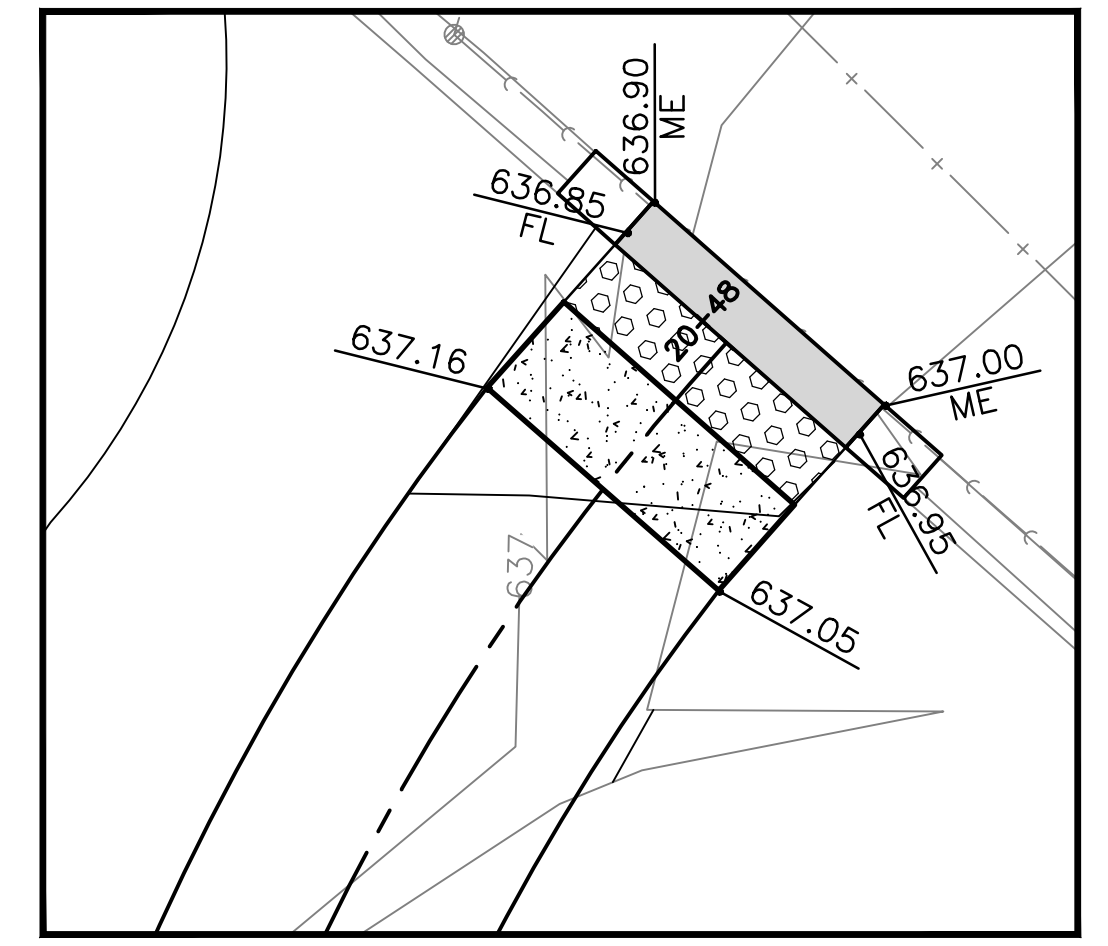
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE PLAN - NORTHLAKE
 TRAIL STA. 9+74 TO STA. 6+50

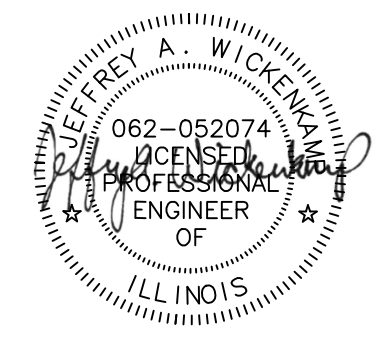
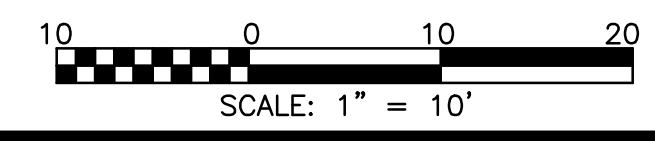
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CG-405
 Page Number: 147

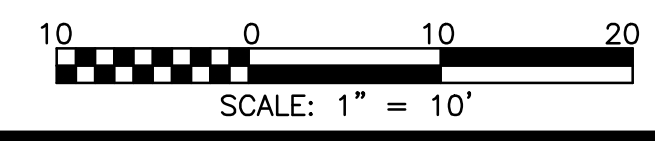
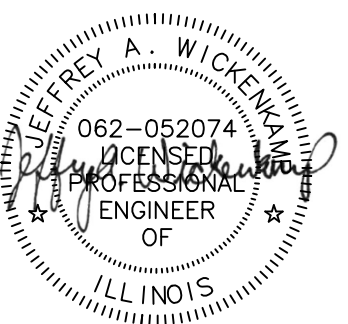
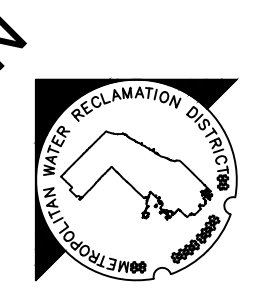
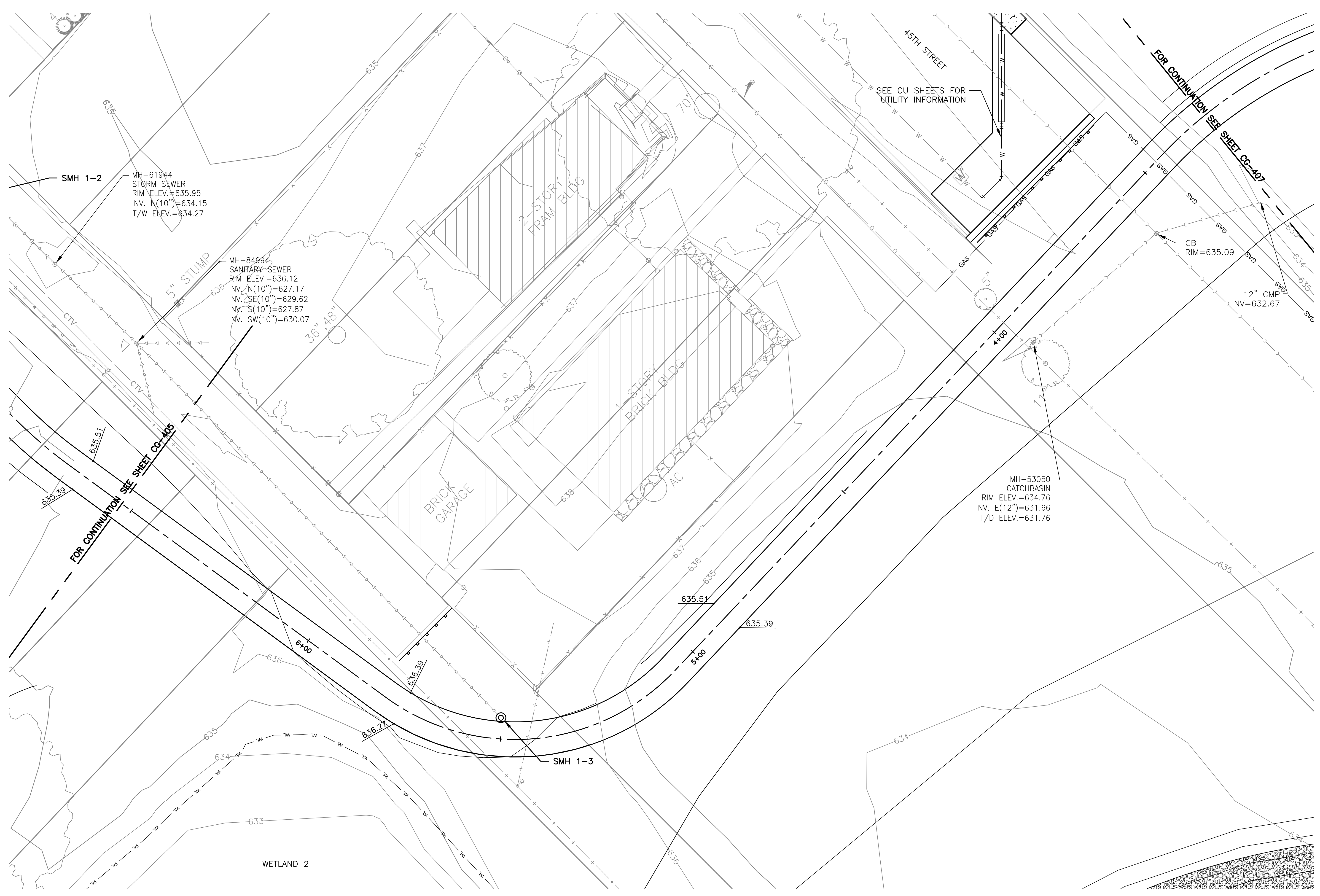


1 46TH AVE. CURB RAMP DETAIL
 SCALE: 1" = 5'



2 SOFFEL AVE. CURB RAMP DETAIL
 SCALE: 1" = 5'





Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM

DESIGNED BY: KSS
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CORRECT: KSS

SCALE: AS SHOWN
DATE: 2022

REVIEWED BY: JAW
DATE: 2022

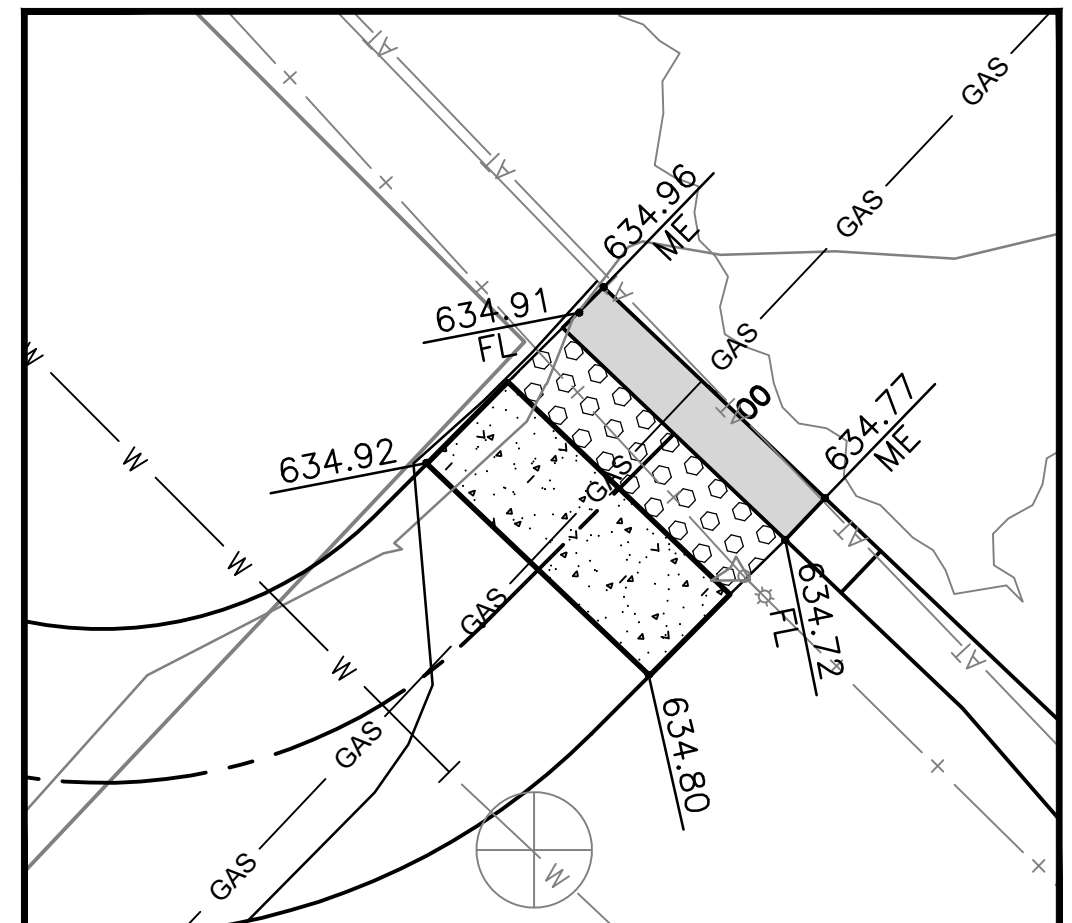
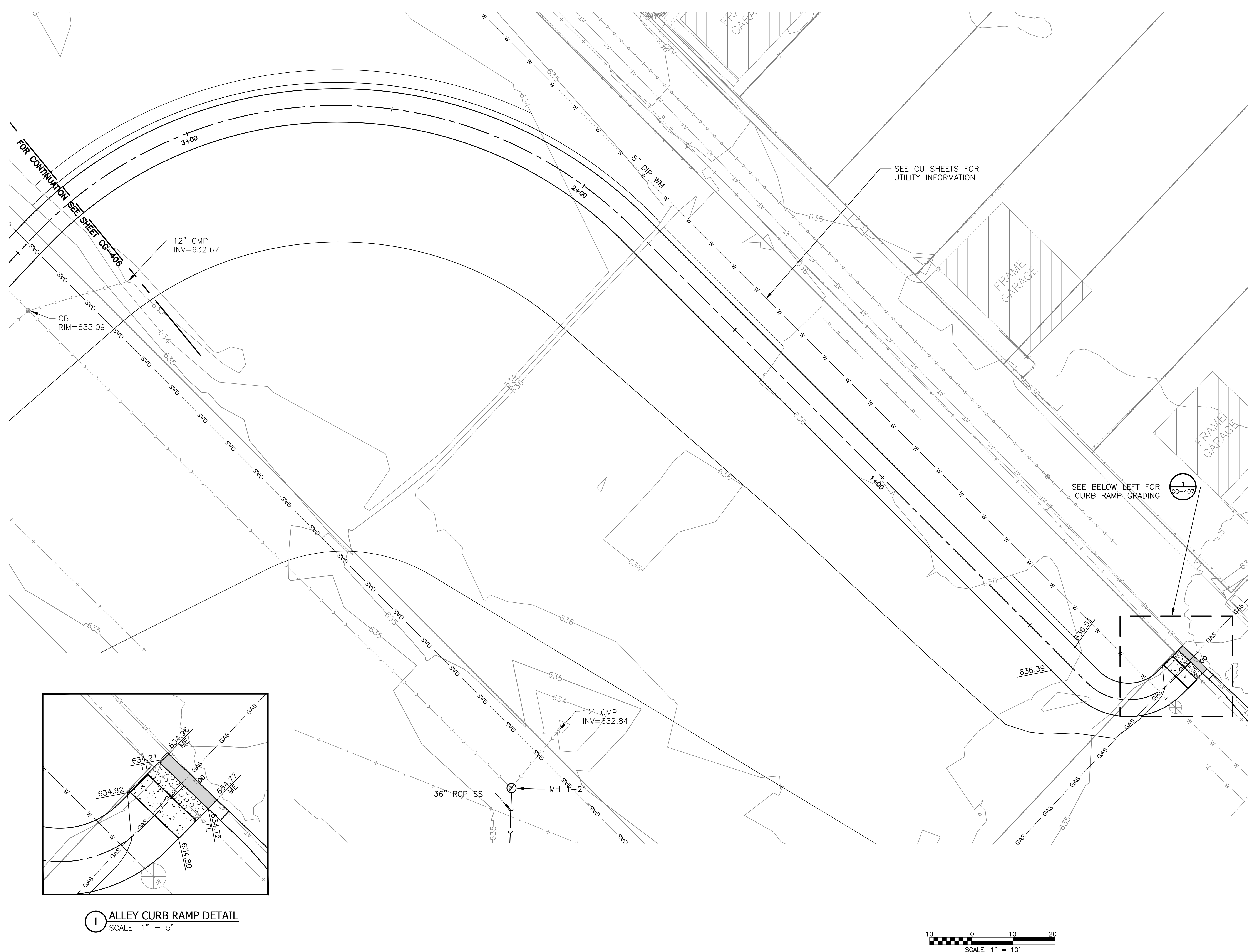
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

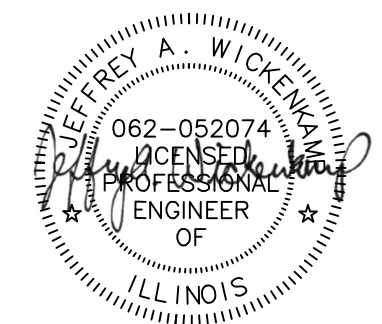
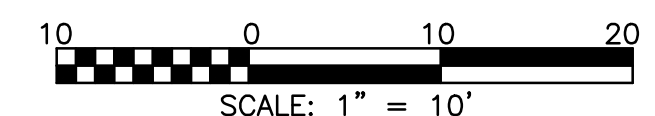
GRADING & DRAINAGE PLAN - NORTHLAKE
TRAIL STA. 6+50 TO STA. 3+30

Sheet Number:
CG-406

Page Number: 148



1 ALLEY CURB RAMP DETAIL
SCALE: 1" = 5'



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

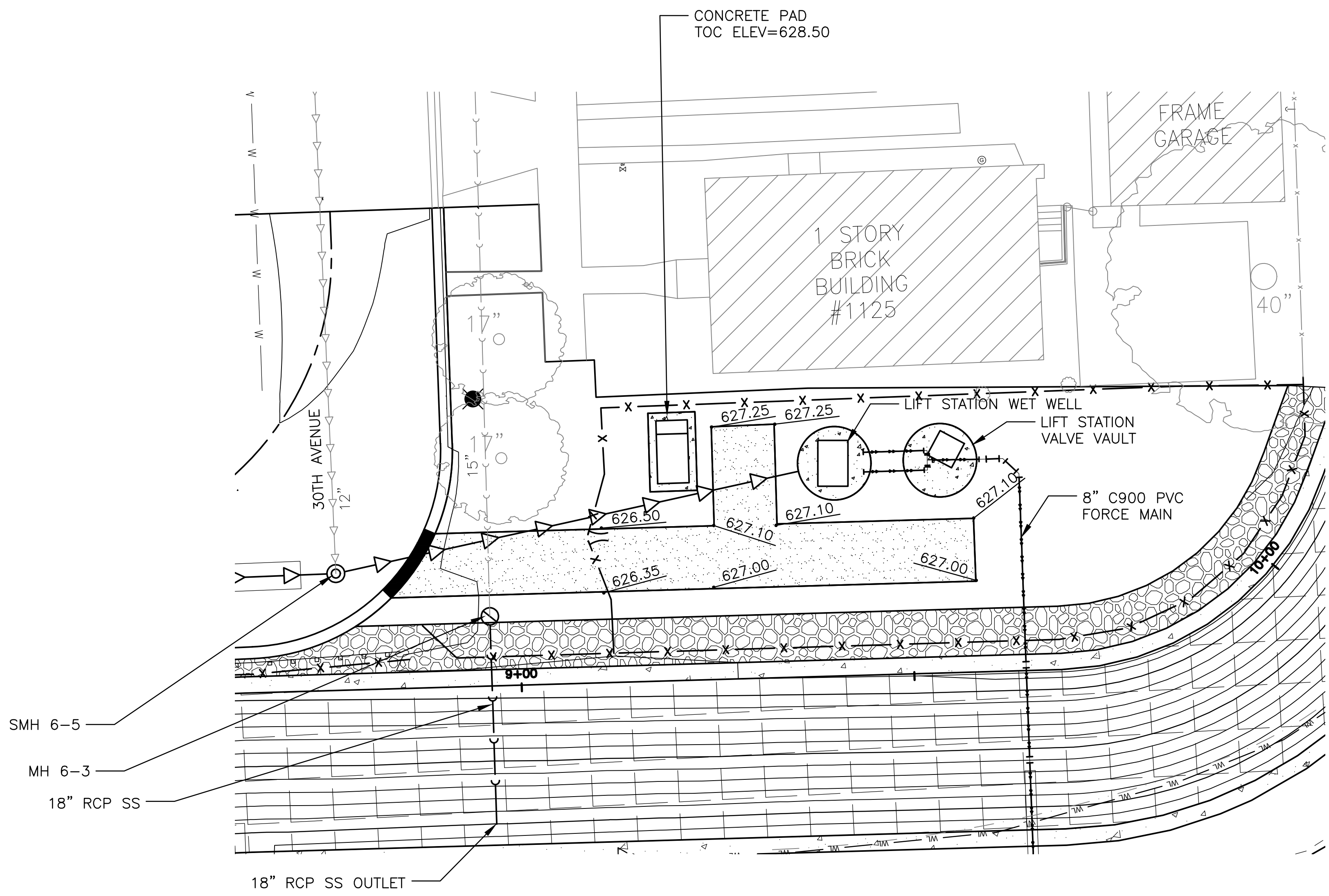
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Drawn by: KSS	Reviewed by: JAW	Date: 2022
Correct:		

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8755 WEST HERONS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 699-2000
Chicago@HEYASAC.COM
Professional Design Firm
License No. 18406289

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

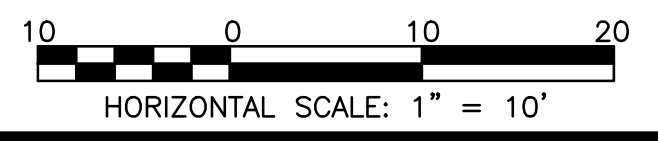
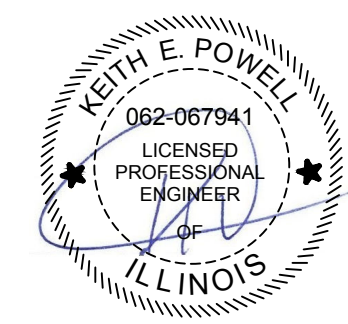
GRADING & DRAINAGE PLAN - NORTHLAKE
TRAIL STA. 3+30 TO STA. 0+00

Sheet Number:
CG-407
Page Number: 149



NOTES:

1. ALL DIMENSIONS, ELEVATIONS AND LOCATIONS OF PROPOSED STRUCTURES ARE FOR LAYOUT PURPOSES ONLY. ACTUAL DIMENSIONS, ELEVATIONS AND LOCATIONS ARE SUBJECT TO FIELD MODIFICATIONS DEPENDENT UPON CONSTRUCTION SEQUENCING AND FIELD DETERMINATIONS.
2. CONTRACTOR TO CONFIRM LOCATIONS OF UTILITIES, STRUCTURES ETC. PRIOR TO COMMENCING CONSTRUCTION. ANY AND ALL DIFFICULTIES AND CONFLICTS TO BE BROUGHT TO FIELD ENGINEER'S ATTENTION IMMEDIATELY.
3. THE DISTURBED AREA SHALL BE RESTORED TO LIKE OR BETTER THAN ORIGINAL CONDITIONS.
4. CURB PROTECTION SHALL BE PROVIDED AS REQUIRED. CURB PROTECTION WILL BE INCIDENTAL FOR THE LIFT STATION.
5. ALL NUTS, BOLTS, SPRINGS, WASHERS AND RESTRAINED JOINTS SHALL BE STAINLESS STEEL.
6. CONTRACTOR SHALL PROVIDE A MOBILIZATION PLAN (SHOWING THE LOCATION OF CONSTRUCTION EQUIPMENT, MATERIALS, FACILITIES, TRAILERS, ETC.). THIS WORK SHALL BE CONSIDERED INCIDENTAL FOR THE LIFT STATION.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Designed by: K.E.P.
Checked by: C.B.
Drawn by: J.P.S.
Correct:

Scale: AS SHOWN
Reviewed by: S.T.D.Date: 2022

Engineering Enterprises, Inc.
Consulting Engineers
92 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700
www.eeiweb.com

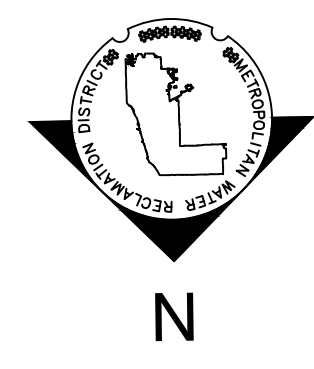
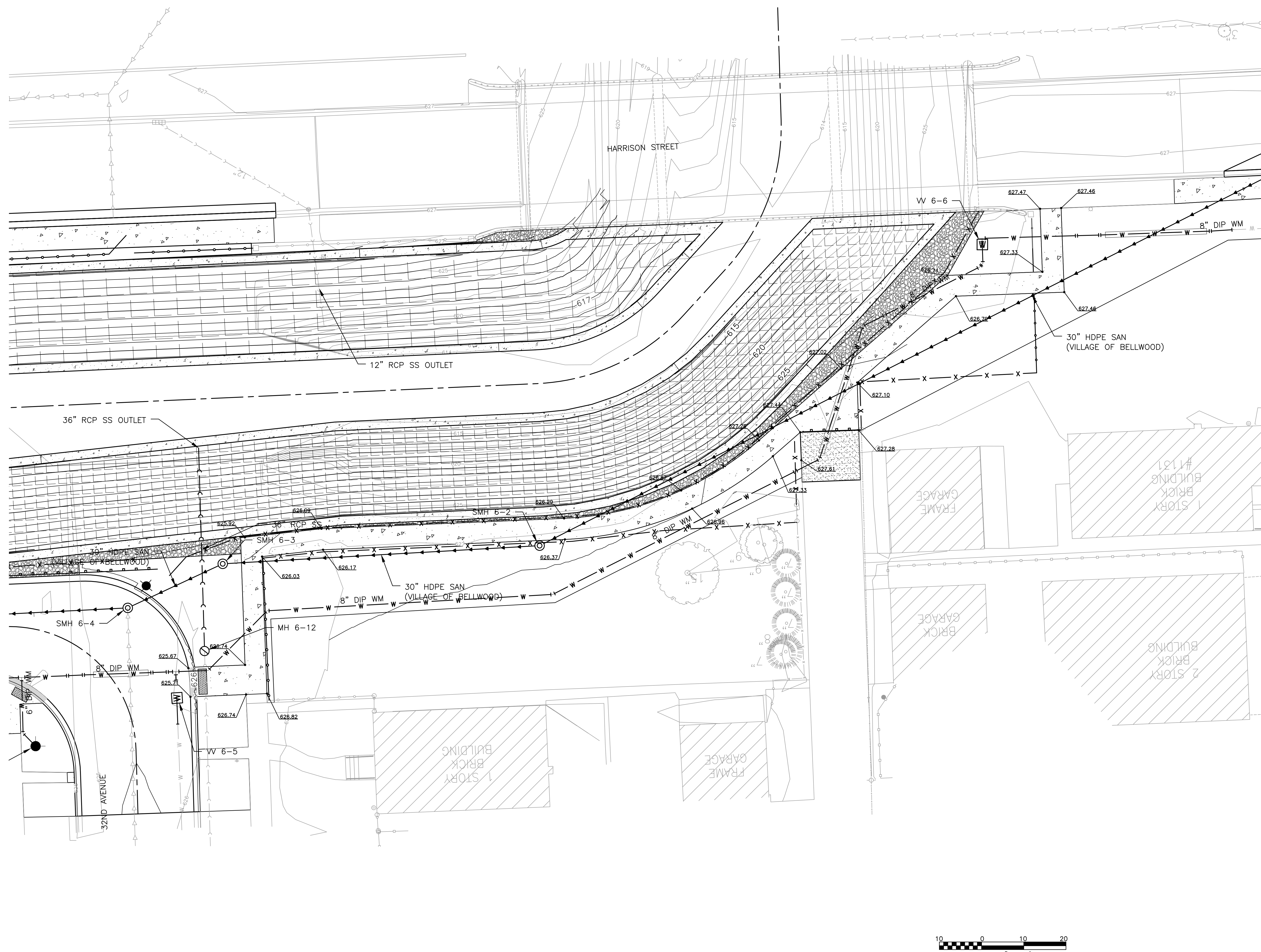
ILLINOIS PROFESSIONAL ENGINEER
LIC. # 194-02003

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

**GRADING & DRAINAGE PLAN - REACH
6 LIFT STATION SITE**

Sheet Number:
CG-409

Page Number: 151



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 8	JAW	05/24/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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 Date: 2022

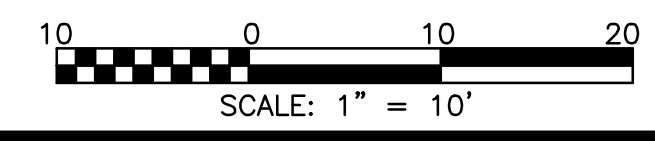
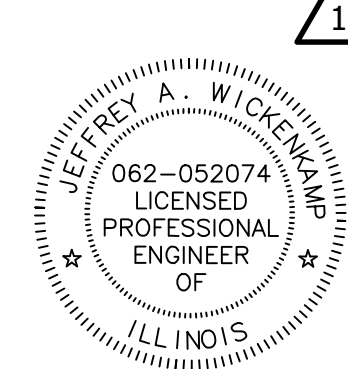
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASNC.COM
 PROFESSIONAL DESIGN FIRMS
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

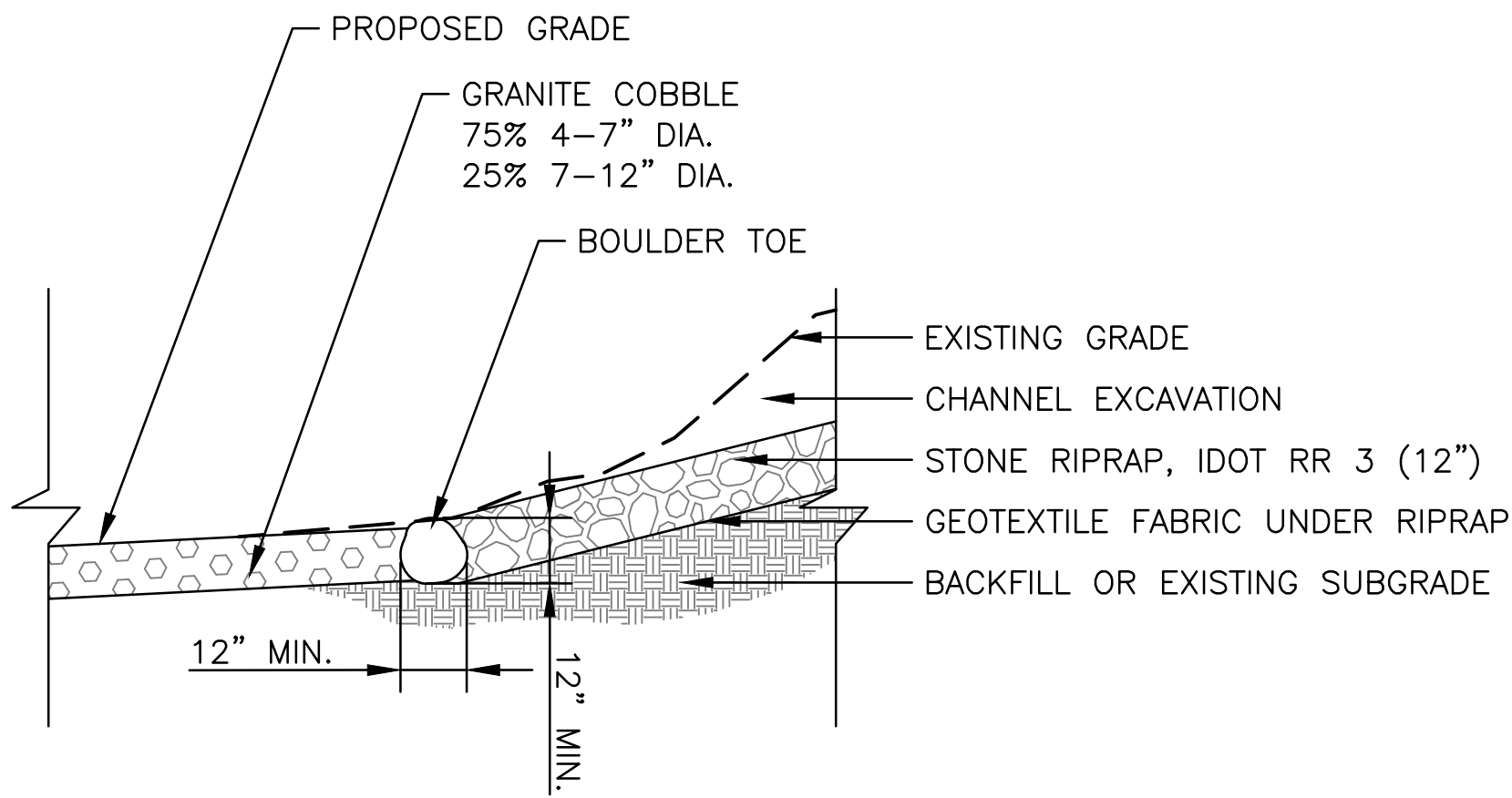
**GRADING & DRAINAGE PLAN - 32ND AVE.
 TO HARRISON ST. SIDEWALK**

Sheet Number:
CG-410

Page Number: 152



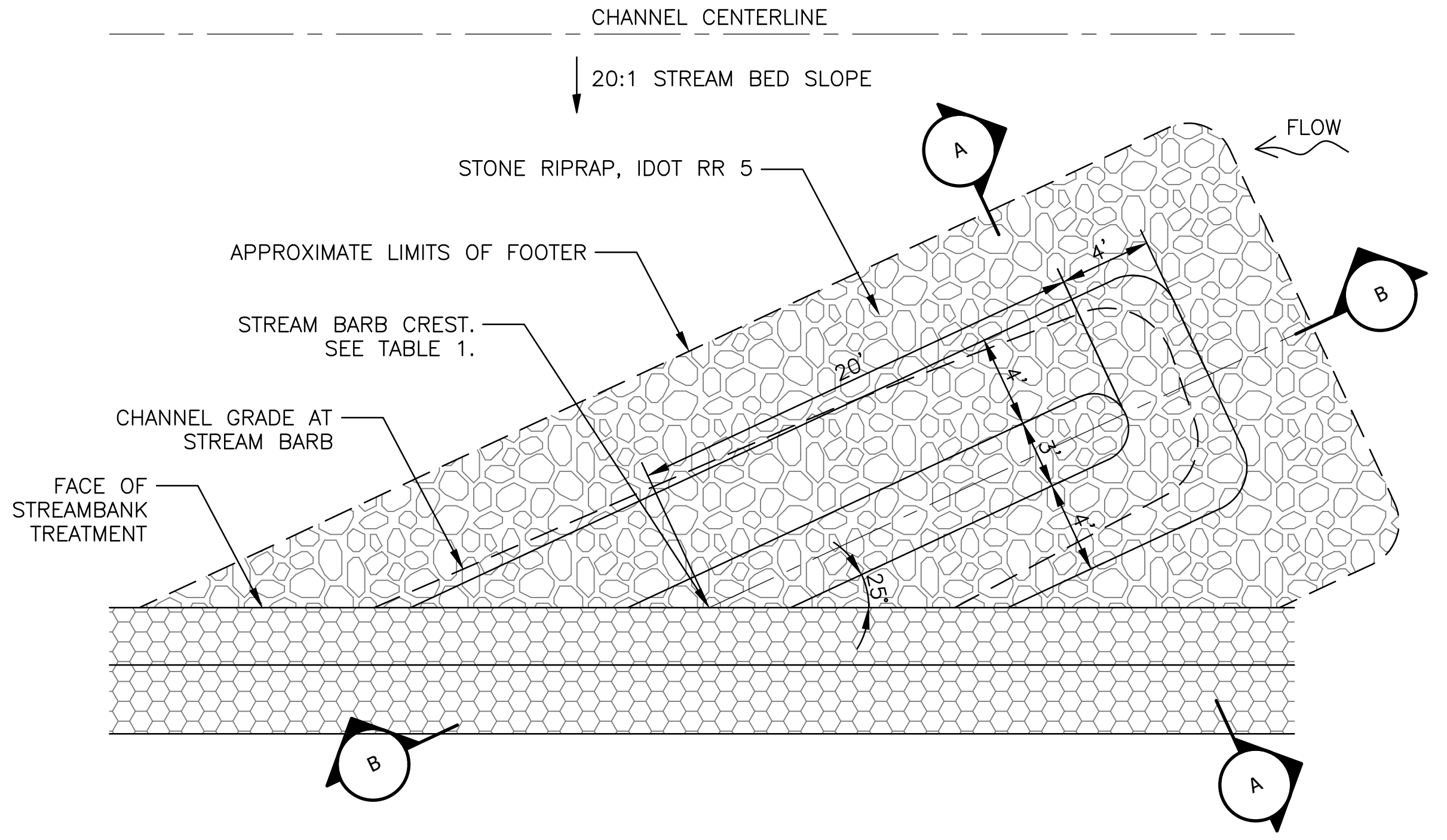
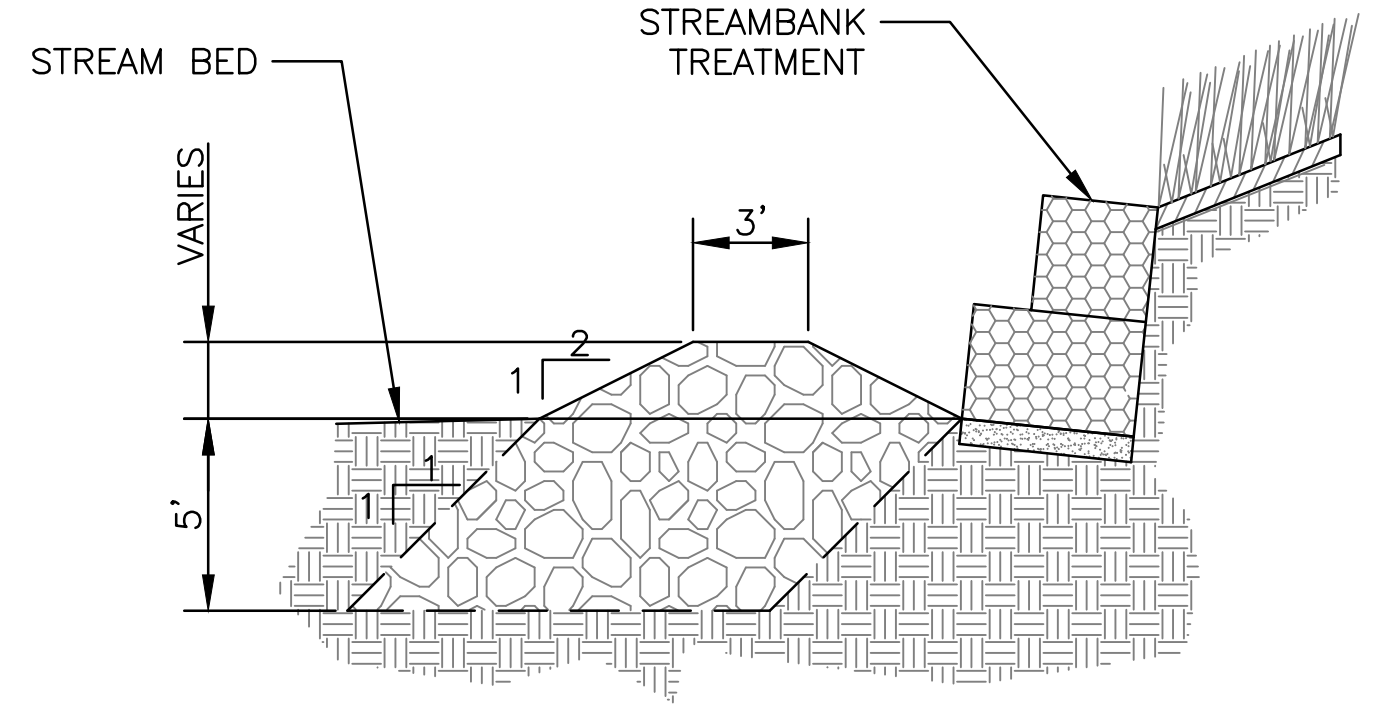
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 PLOT DATE: 9/22/2022 5:29 PM PLOTTED BY: KYLE SOLNER



- NOTES:
1. GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH SPECIFICATIONS FOR GEOTEXTILE FABRIC UNDER RIPRAP RR 3.
 2. ANY GEOTEXTILE SPLICES SHALL OVERLAP A MINIMUM OF 18 TO 24 INCHES, WITH UPSTREAM OR UPSLOPE GEOTEXTILE OVERLAPPING THE ABUTTING DOWNSLOPE GEOTEXTILE. LAPS SHALL BE FASTENED OR SEALED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 3. STONE FOR BOULDER TOE SHALL BE HAND PLACED. DUMPED STONE WILL NOT BE ACCEPTABLE. FIT DIFFERENT SIZE AND SHAPES OF STONES TO MINIMIZE GAPS BETWEEN INDIVIDUAL STONES.
 4. PLACE GRANITE COBBLE TO THE LINES, GRADES, AND DEPTHS SPECIFIED ON THE PLANS. GRANITE COBBLE SHALL BE HAND PLACED. DUMPED STONE WILL NOT BE ACCEPTABLE. FIT DIFFERENT SIZE AND SHAPES OF STONES TO MINIMIZE GAPS BETWEEN INDIVIDUAL STONES.

1 BOULDER TOE/RIFLE B DETAIL
 SCALE: NTS

2 NOT USED

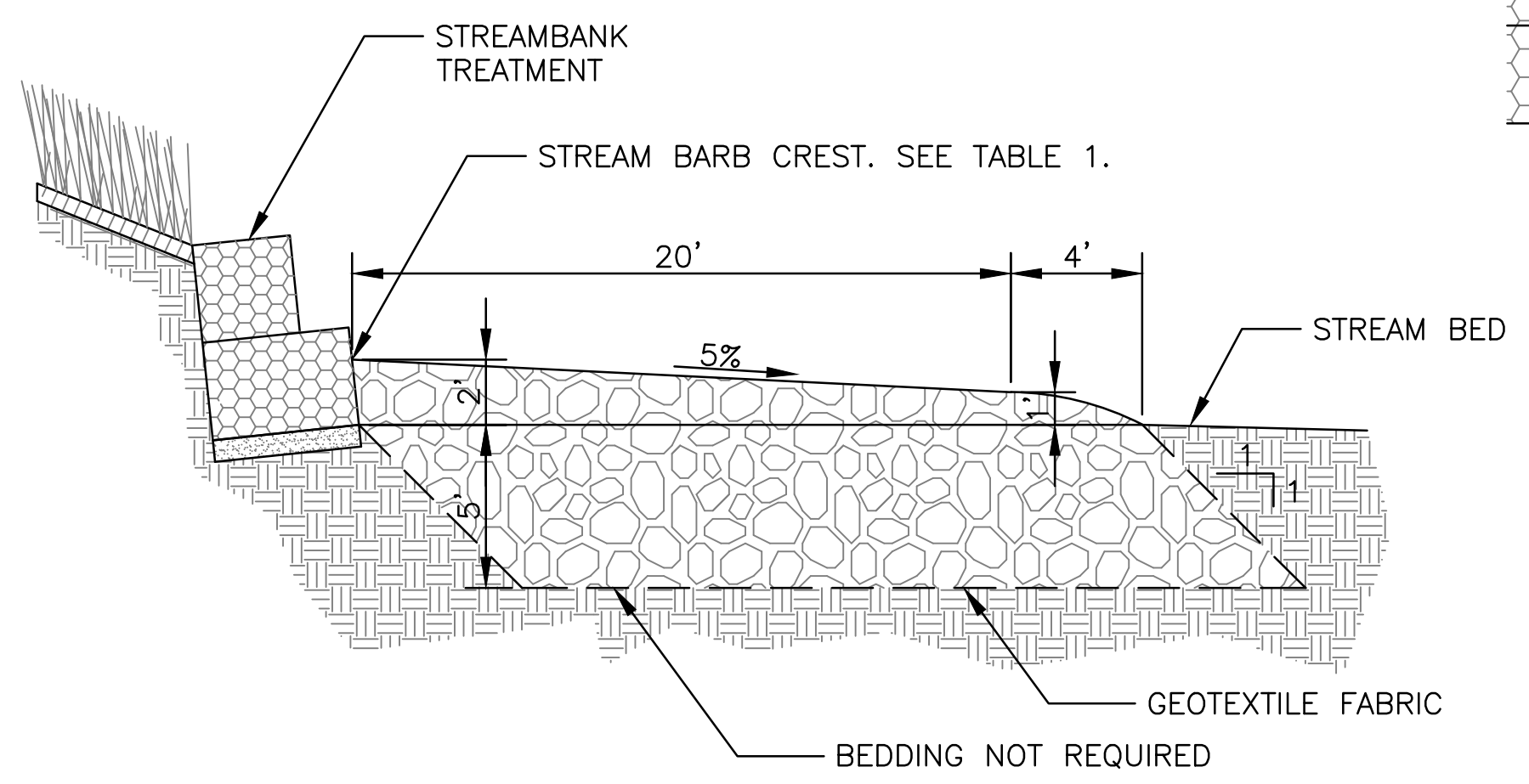


PLAN

TABLE 1. STREAM BARB CREST ELEVATIONS

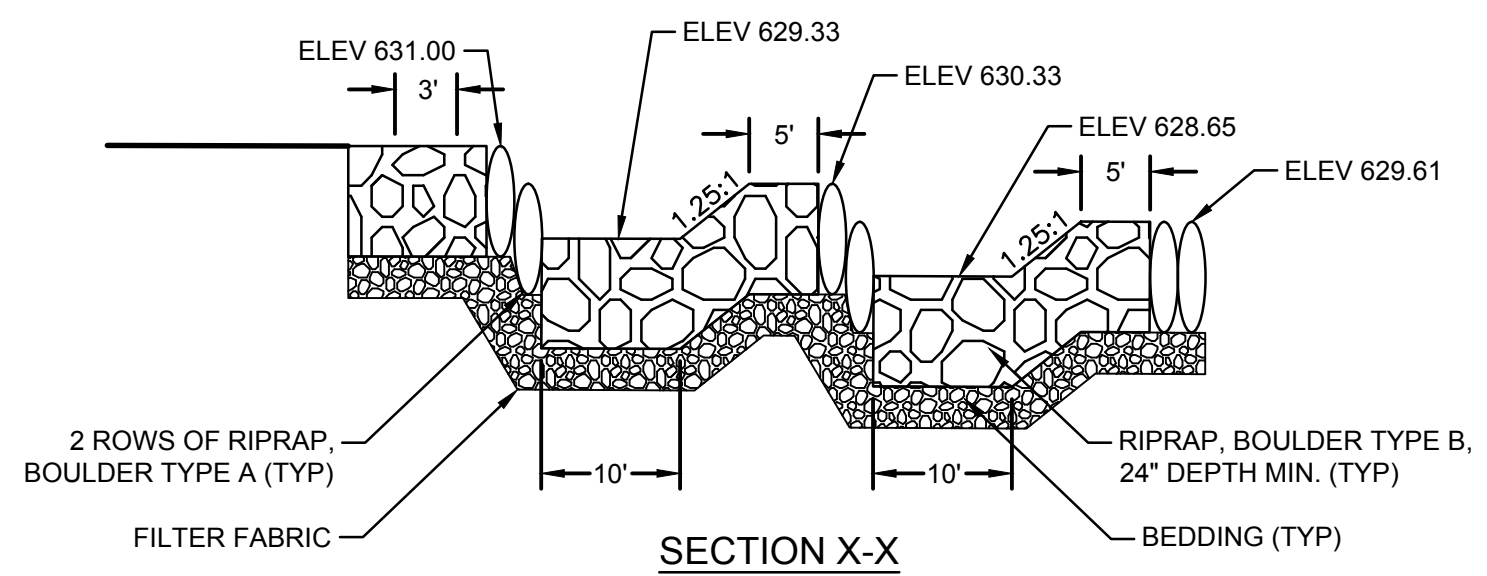
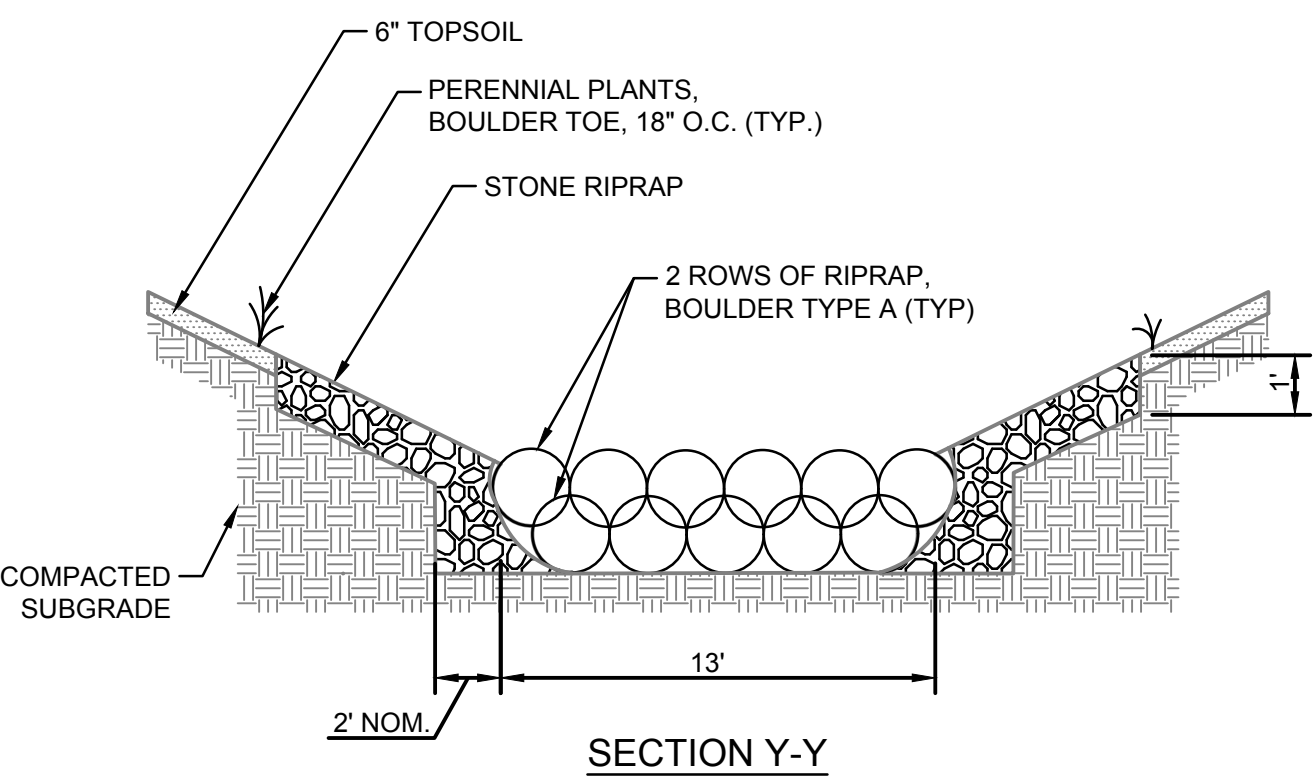
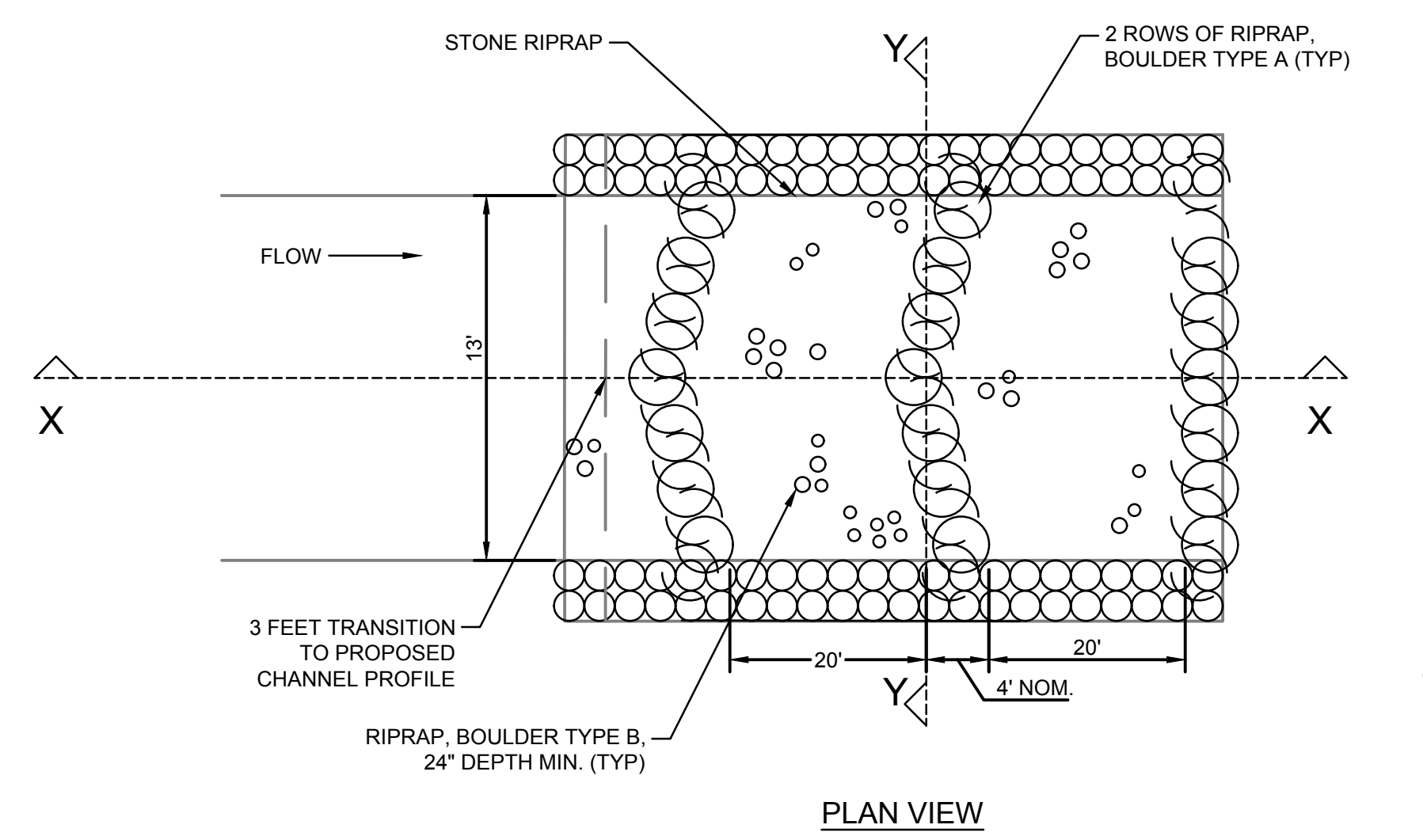
STREAM BARB NEAR STATION...	CREST ELEVATION (FT)
242+50	626.50
242+25	626.50
242+00	626.50
236+00	626.55
235+50	627.15
235+00	626.70
234+50	626.30
224+75	625.80
224+25	625.80
223+75	625.80

SECTION A-A



SECTION B-B

3 STREAM BARB DETAIL
 SCALE: NTS



4 RIFLE A STRUCTURE DETAIL
 SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct: JAW

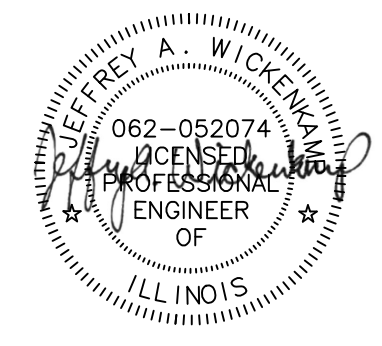
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 Date: 2022

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184062829

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS

Sheet Number:
CG-501
 Page Number: 153



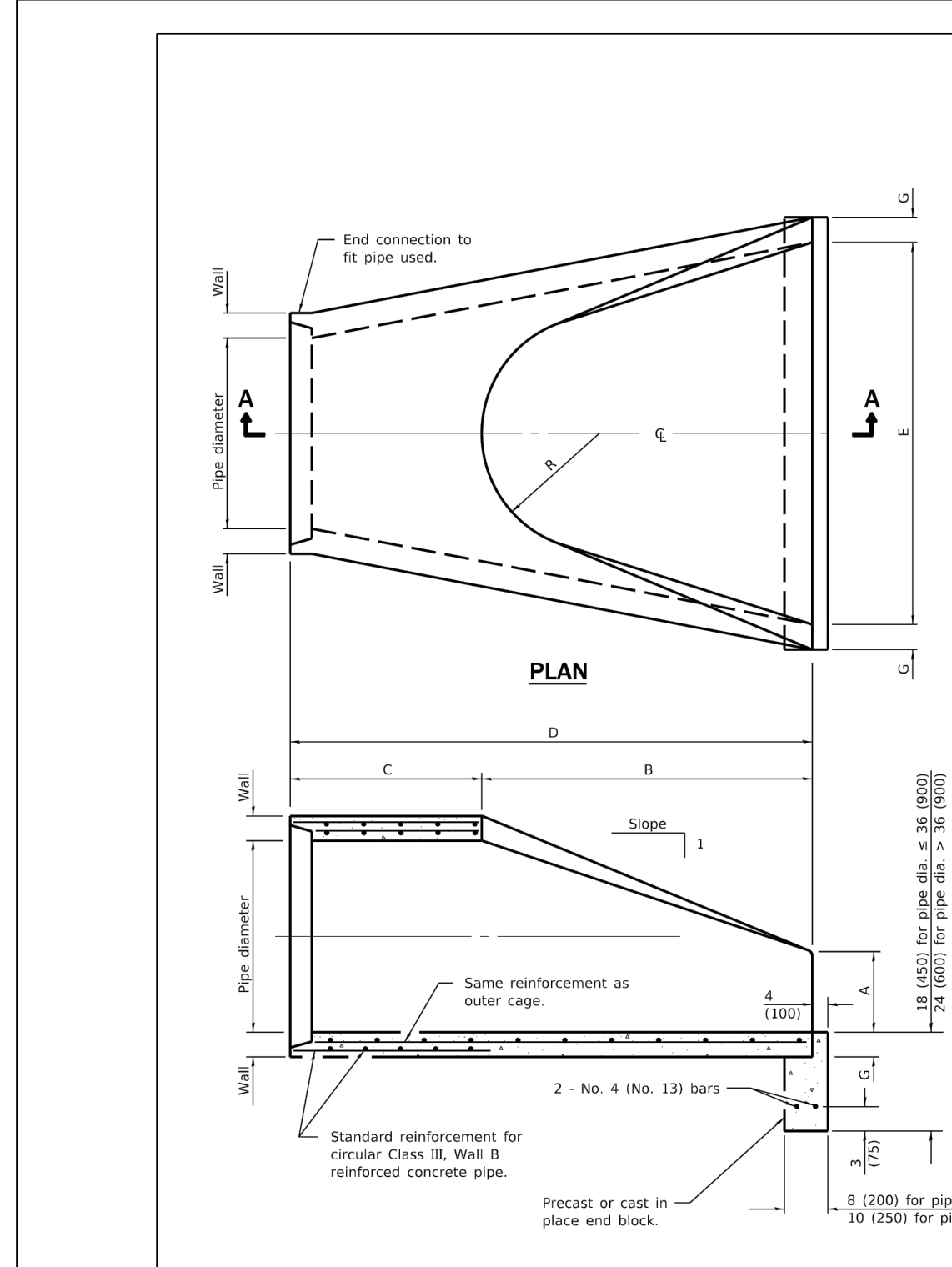


Table with columns: PIPE DIA., APPROX. QTY. (kg), WALL, A, B, C, D, E, G, R, APPROX. SLOPE. It lists various pipe diameters from 12 to 84 inches and their corresponding dimensions and slopes.

Table with columns: DATE, REVISIONS. It lists revision dates and descriptions, such as 'Clarified ref. to pipe dia. on Section A-A changed' and 'Switched units to English (metric)'. Includes a note about precast reinforced concrete flared end sections.

NOTE: FLARED END SECTIONS 24" IN DIAMETER OR GREATER SHALL HAVE GRATING. SEE DETAIL 3 ON SHEET CG-503.

1 FLARED END SECTION DETAIL SCALE: NTS

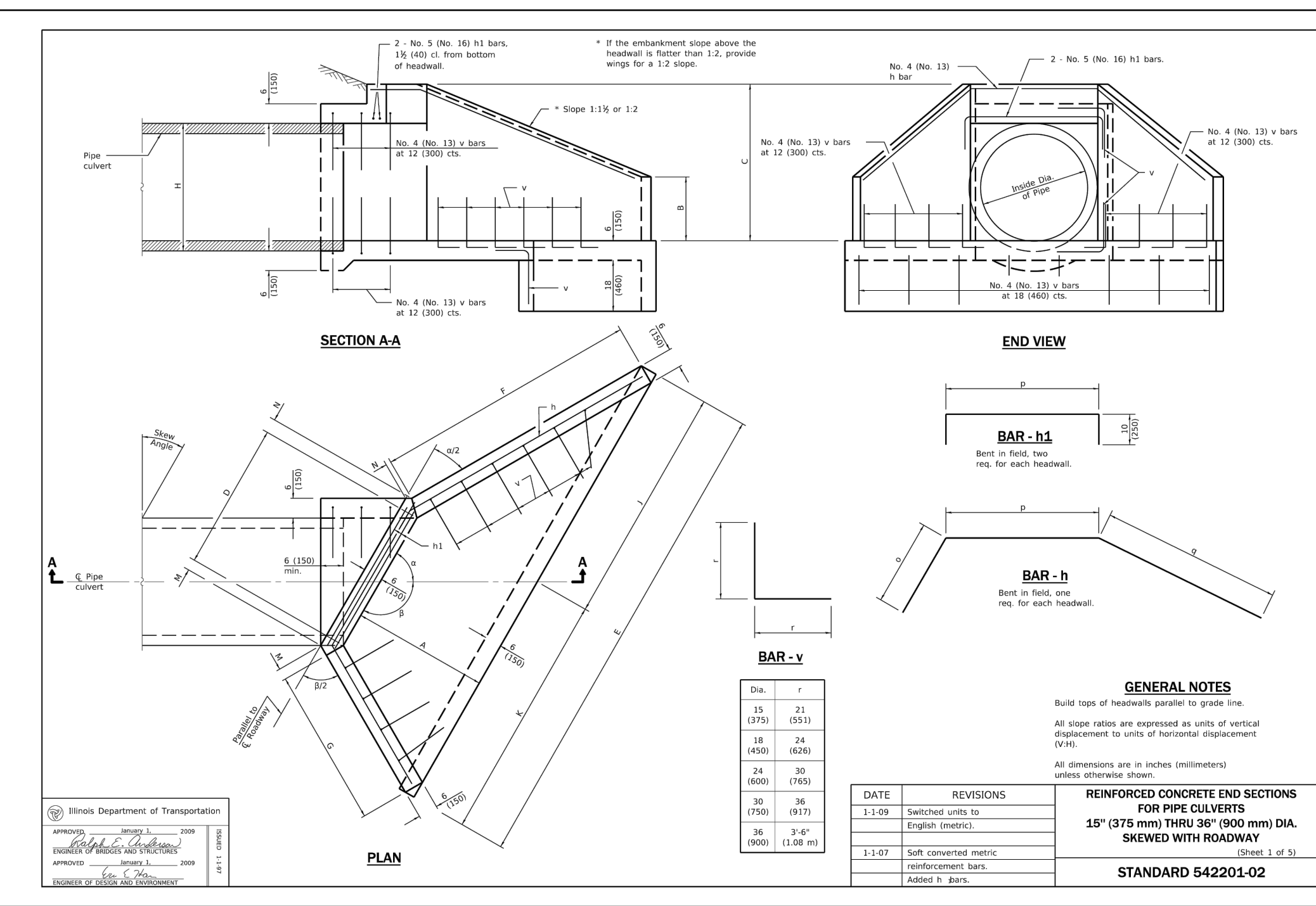


Table with columns: DATE, REVISIONS. It lists revision dates and descriptions, such as 'Switched units to English (metric)' and 'Added v bars'. Includes a note about reinforced concrete end sections for pipe culverts.

Table titled 'WINGS FOR 1:1.5 SLOPE'. It provides dimensions for concrete wings for various pipe diameters (12 to 84 inches) and slopes (15, 20, 25, 30 degrees). Columns include Design No., Nominal Pipe Dia., and dimensions A through N.

Table titled 'REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS'. It lists dimensions for end sections for pipe diameters from 15 to 84 inches, including slope and section type.

Table titled 'WINGS FOR 1:1.5 SLOPE'. It provides dimensions for concrete wings for various pipe diameters (12 to 84 inches) and slopes (15, 20, 25, 30 degrees). Columns include Design No., Nominal Pipe Dia., and dimensions A through N.

Table titled 'REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS'. It lists dimensions for end sections for pipe diameters from 15 to 84 inches, including slope and section type.

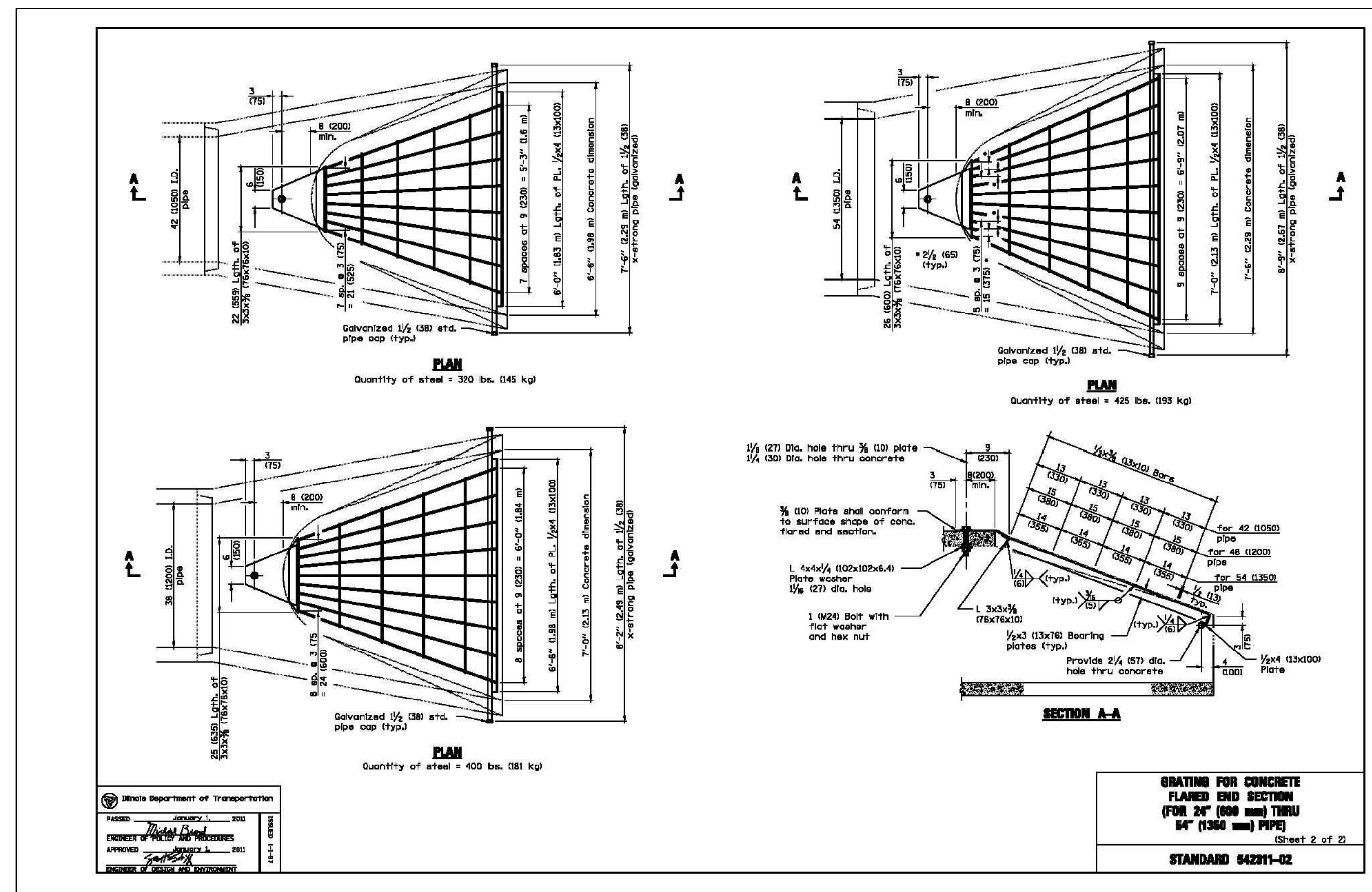
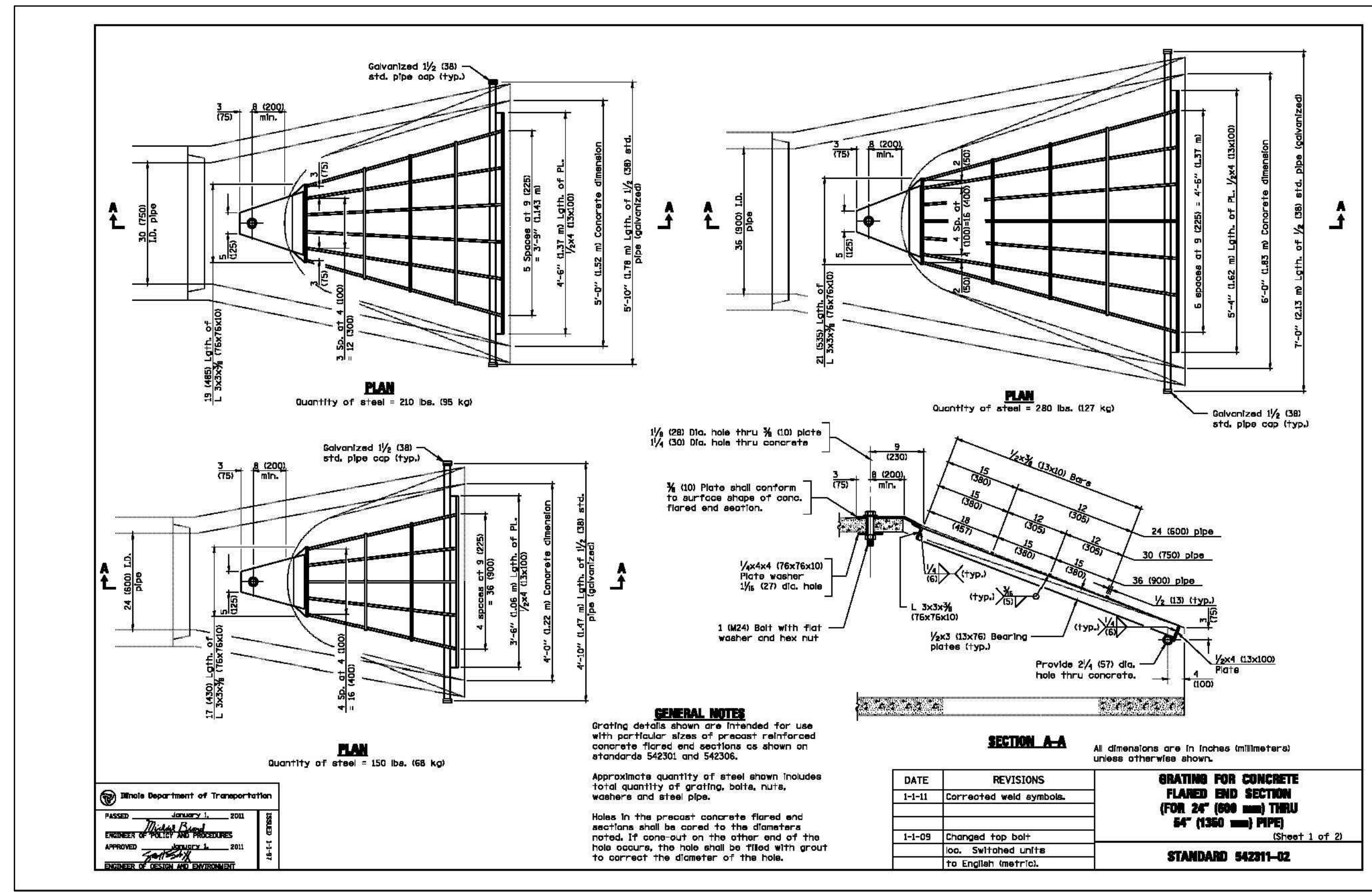
2 SKEWED HEADWALL DETAIL SCALE: NTS

Table with columns: Rev., Description, Appr., Date. It shows revision history for the drawing, including 'ADDENDUM NO. 4' dated 01/25/23.

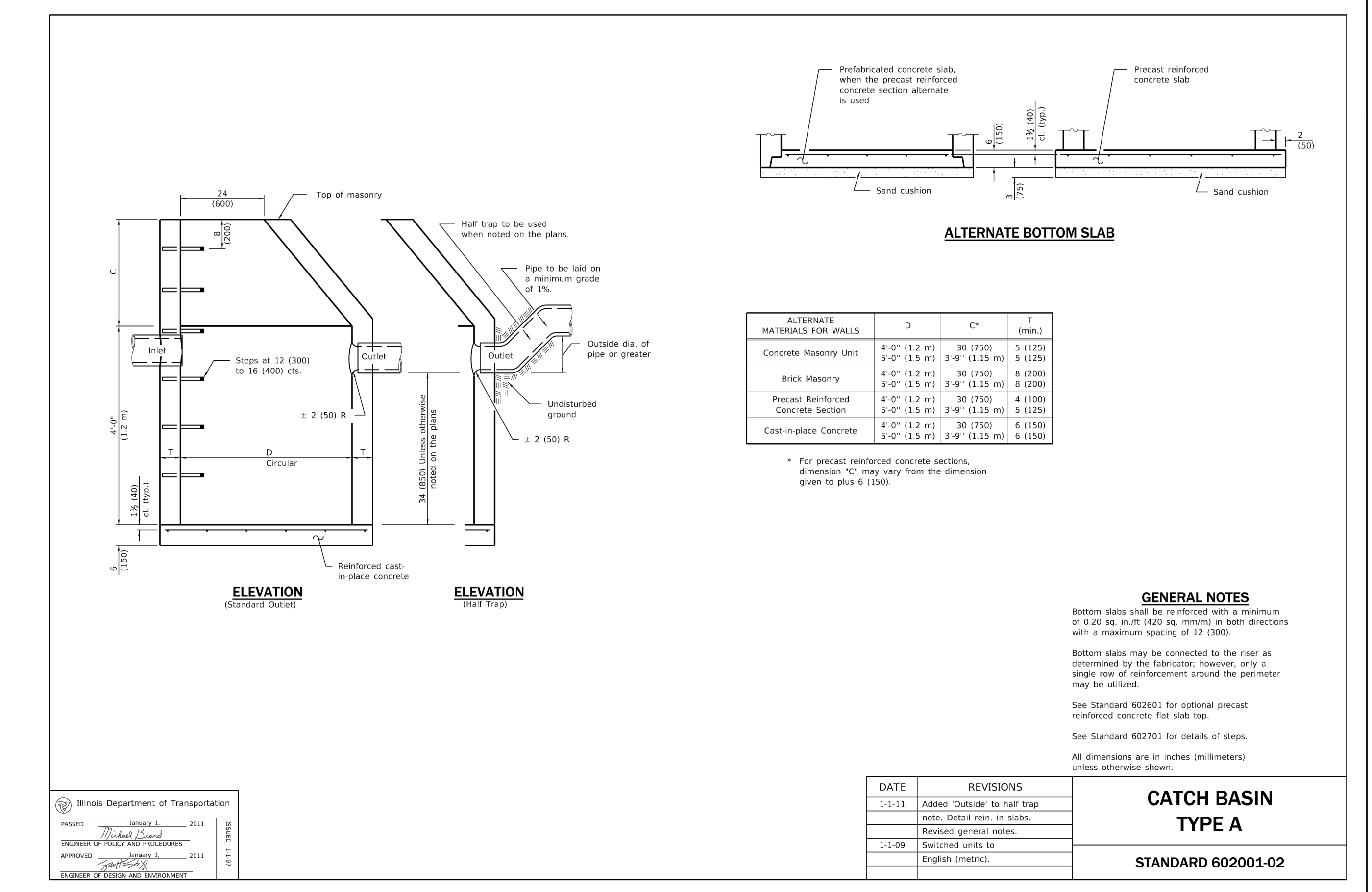
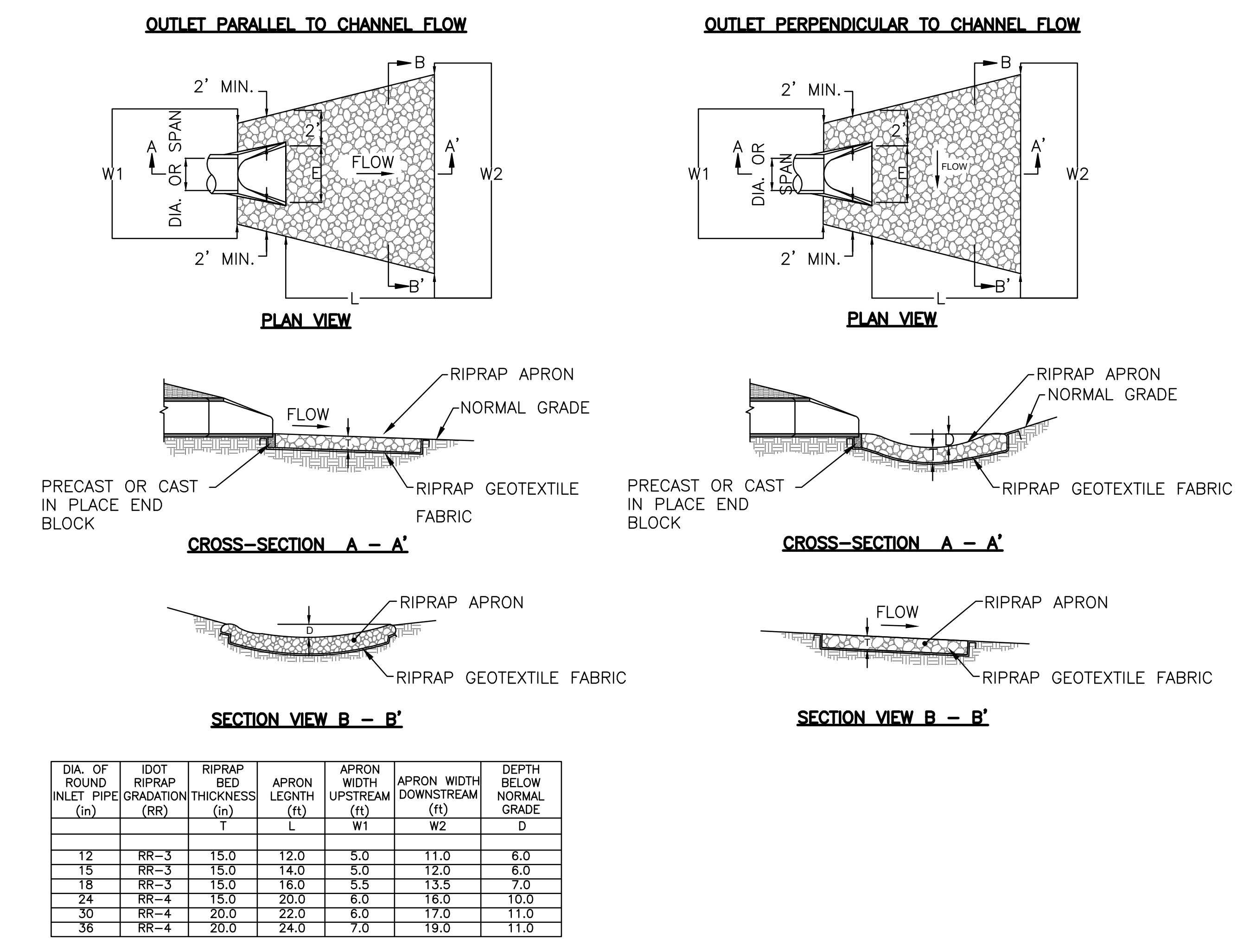
Professional information block for Hey and Associates, Inc., including address (8755 West Higgins Road, Suite 835, Chicago, IL 60631), phone (773) 699-2000, and email (Chicago@HEYANSC.COM). It also includes project details: Scale: AS SHOWN, Checked by: PML, Designed by: TCT, Drawn by: KSS, Reviewed by: JAW, Date: 2022, Correct: JAW.

Project title block: METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO. CONTRACT 11-187-3F. ADDISON CREEK CHANNEL IMPROVEMENTS. GRADING & DRAINAGE DETAILS.

Sheet information: Sheet Number: CG-502, Page Number: 154. Includes a circular seal for Jeffrey A. Wickert, Professional Engineer, No. 062-052074, State of Illinois.



3 FLARED END SECTION GRATES DETAIL
 SCALE: NTS



2 CATCH BASIN - TYPE A DETAIL
 SCALE: NTS

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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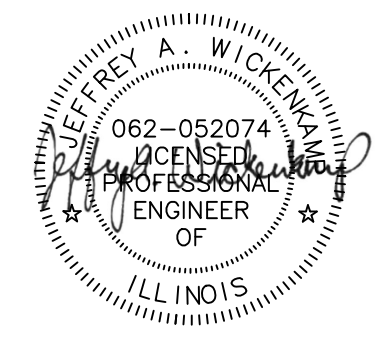
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 Engineering, Ecology and Landscape Architecture
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 CHICAGO, ILLINOIS 60631
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS

Sheet Number: CG-503
 Page Number: 155



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

BASE SLAB JOINT CONFIGURATIONS

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).
- A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 602291 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER
STANDARD 602401-06
(Sheet 1 of 2)

PLAN - FLAT SLAB TOP
(Showing layout of reinforcement bars and c bars)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)	Rebar	Bar Size
	A _s (min.)	A _s (min.)	Spacing (max.)
Bottom Mat	0.62 sq. in./ft. (1312 sq. mm/m)	6	See plan view for rebar orientation and spacing and this table for bar size

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	Bar Size
		A _s (min.)	Spacing (max.)
Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	6
Barrel	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6
	Vertical	0.16 sq. in./ft. (329 sq. mm/m)	100

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	Bar Size
		A _s (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10
Bottom Mat	> 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER
STANDARD 602401-06
(Sheet 2 of 2)

1 STORM MANHOLE - TYPE A 4' DETAIL
SCALE: NTS

SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

BASE SLAB JOINT CONFIGURATIONS

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 32 (810).
- A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 602291 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

PRECAST MANHOLE TYPE A
5' (1.52 m) DIAMETER
STANDARD 602402-02
(Sheet 1 of 2)

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)	Rebar (each direction except as noted)	Bar Size
	A _s (min.)	A _s (min.)	Spacing (max.)
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18	0.11 sq. in./ft. (233 sq. mm/m)
Bottom Mat	0.40 sq. in./ft. (847 sq. mm/m)	6	See plan view for rebar orientation and spacing and this table for bar size

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	Bar Size
		A _s (min.)	Spacing (max.)
Riser	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	6
Barrel	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6
	Vertical	0.16 sq. in./ft. (329 sq. mm/m)	4

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	Bar Size
		A _s (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10
Bottom Mat	> 20 ft. (6.10 m)	0.28 sq. in./ft. (592 sq. mm/m)	8

PRECAST MANHOLE TYPE A
5' (1.52 m) DIAMETER
STANDARD 602402-02
(Sheet 2 of 2)

2 STORM MANHOLE - TYPE A 5' DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

Designed by: TCT
Checked by: PML
Scale: AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE: (773) 699-9200
CHICAGO: (773) 699-9200
CHICAGO: (773) 699-9200
CHICAGO: (773) 699-9200

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes ≥ 32 (810).
- A minimum 9 (230) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

BASE SLAB JOINT CONFIGURATIONS

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 602406-10 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

REVISIONS

DATE	REVISIONS
3-1-19	Moved wall reinforcement from inside face to middle.
1-1-19	Expanded / refined reinforcement options. Increased manhole depths.

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
STANDARD 602406-10
(Sheet 1 of 3)

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
STANDARD 602406-10
(Sheet 2 of 3)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)	WWR (each direction)		Rebar (each direction except as noted)	
		A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size	#5 (#16)
	RH > 10 ft. (3.05 m)	** 0.68 sq. in./ft. (1563 sq. mm/m)	6 (150)		#6 (#19)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A _s (min.)	Spacing (max.)
4 ft. (1.22 m) ϕ Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
6 ft. (1.83 m) ϕ Barrel	Circumferential	0.18 sq. in./ft. (381 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH) Total Height (TH)	WWR or Rebar (each direction)	
		A _s (min.)	Spacing (max.)
Top	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.28 sq. in./ft. (593 sq. mm/m)	6 (150)
Mat	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.46 sq. in./ft. (947 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
STANDARD 602406-10
(Sheet 3 of 3)

1 STORM MANHOLE - TYPE A 6' DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

Designed by: TCT
Checked by: PML
Scale: AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

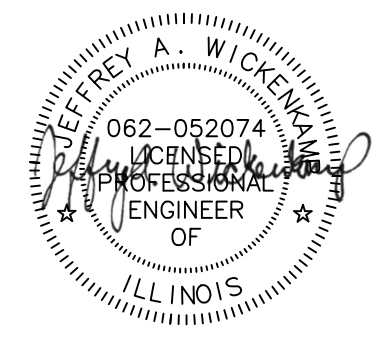
Correct:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HIGGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
FAX (773) 693-0202
CHICAGO@HEYANDASSOCIATES.COM
LICENSE NO. 184100429

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS

Sheet Number:
CG-505
Page Number: 157



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

BASE SLAB JOINT CONFIGURATIONS

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 12 (300) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 36 (900).
- A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

All dimensions are in inches (millimeters) unless otherwise noted.

REVISIONS

DATE	REVISIONS
3-1-19	Moved wall reinforcement from inside face to middle.
1-1-19	Expanded / refined reinforcement options. Increased manhole depths.

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
STANDARD 602411-08
(Sheet 1 of 3)

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement and c bars)
WWR not permitted for riser heights > 10' (3.05 m).

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
STANDARD 602411-08
(Sheet 2 of 3)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH) Total Height (TH)	WWR (each direction)		Rebar (each direction except as noted)		Bar Size
		A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (132 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH > 10 ft. (3.05 m)	WWR not permitted				#7 (#22)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A _s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
7 ft. (2.13 m) Ø Barrel	Circumferential	0.21 sq. in./ft. (445 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A _s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.32 sq. in./ft. (677 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.52 sq. in./ft. (1101 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
STANDARD 602411-08
(Sheet 3 of 3)

1 STORM MANHOLE - TYPE A 7' DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

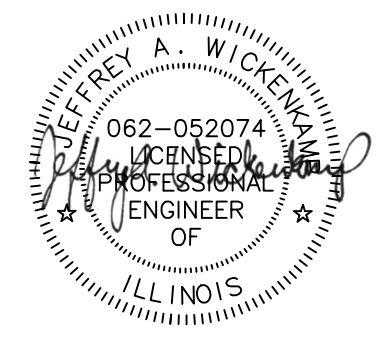
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Drawn by: KSS
Reviewed by: JAW
Correct:

Scale: AS SHOWN
Date: 2022

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HIGGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
TEL: (773) 693-0202
CHICAGO@HEYASSOCI.COM
LICENSE NO. 184100429

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

BASE SLAB JOINT CONFIGURATIONS

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 12 (300) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 3'-4" (1.02 m).
- A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 602416 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

REVISIONS

DATE	REVISIONS
3-1-19	Moved wall reinforcement from inside face to middle.
1-1-19	Expanded / refined reinforcement options. Increased manhole depths.

PRECAST MANHOLE TYPE A
8' (2.44 m) DIAMETER
STANDARD 602416-08
(Sheet 1 of 3)

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP
(Showing layout of Welded Wire Reinforcement and c bars)

PRECAST MANHOLE TYPE A
8' (2.44 m) DIAMETER
STANDARD 602416-08
(Sheet 2 of 3)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)	WWR (each direction)		Rebar (each direction except as noted)		Bar Size
		A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	
Top Mat	All	0.13 sq. in./ft. (233 sq. mm/m)	18 (450)	0.13 sq. in./ft. (233 sq. mm/m)	18 (450)	#2 or #4 (#10/#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.88 sq. in./ft. (1863 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size	6 (150)	#6 (#19)
	RH > 10 ft. (3.05 m)	WWR not permitted			7 (175)	#7 (#22)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A _s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.32 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
8 ft. (2.44 m) Ø Barrel	Circumferential	0.24 sq. in./ft. (508 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH) Total Height (TH)	WWR or Rebar (each direction)	
		A _s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.36 sq. in./ft. (262 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)
Bottom Mat	All	0.13 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
8' (2.44 m) DIAMETER
STANDARD 602416-08
(Sheet 3 of 3)

1 STORM MANHOLE - TYPE A 8' DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

Designed by: TCT
Checked by: PML
Scale: AS SHOWN

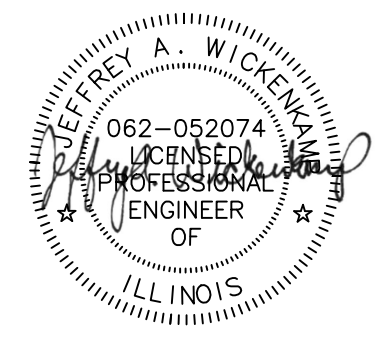
Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HIGGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
TEL: (773) 693-9292
FAX: (773) 693-9292
CHICAGO@HEYANDASSOCIATES.COM
LICENSE NO. 184100429

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS



CAST IRON STEPS

PLAN VIEW
ELEVATION VIEW
SECTION A-A

PLASTIC STEPS

PLAN VIEW
ELEVATION VIEW
SECTION A-A

Illinois Department of Transportation

DESIGNED BY: [Signature] DATE: 2009

ENGINEER OF RECORD AND PROCEDURE: [Signature] DATE: 2009

APPROVED BY: [Signature] DATE: 2009

ENGINEER OF RECORD AND ENVIRONMENT: [Signature] DATE: 2009

DATE	REVISIONS
1-1-09	Switched units to English (metric).
4-1-06	Revised title, drawings, and added plastic steps on sheet 2.

MANHOLE STEPS
(Sheet 1 of 2)

STANDARD 602701-02

CAST IRON STEPS

PLAN VIEW
ELEVATION VIEW
SECTION A-A

PLASTIC STEPS

PLAN VIEW
ELEVATION VIEW
SECTION A-A

Illinois Department of Transportation

DESIGNED BY: [Signature] DATE: 2009

ENGINEER OF RECORD AND PROCEDURE: [Signature] DATE: 2009

APPROVED BY: [Signature] DATE: 2009

ENGINEER OF RECORD AND ENVIRONMENT: [Signature] DATE: 2009

DATE	REVISIONS
1-1-09	Switched units to English (metric).
4-1-06	Revised title, drawings, and added plastic steps on sheet 2.

MANHOLE STEPS
(Sheet 2 of 2)

STANDARD 602701-02

1 MANHOLE STEPS DETAIL
SCALE: NTS

INLET - TYPE A

PLAN
ELEVATION

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)

ALTERNATE METHODS

GENERAL NOTES
Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).
Bottom slabs may be connected to the river as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

DESIGNED BY: [Signature] DATE: 2014

ENGINEER OF RECORD AND PROCEDURE: [Signature] DATE: 2014

APPROVED BY: [Signature] DATE: 2014

ENGINEER OF RECORD AND ENVIRONMENT: [Signature] DATE: 2014

DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max. limit to height. Added general notes.

INLET - TYPE A

STANDARD 602301-04

ARMORFLEX - CLASS 45 DETAIL

TYP. ANGLE MAT
TYP. MAT TO MAT

Illinois Department of Transportation

DESIGNED BY: [Signature] DATE: 2014

ENGINEER OF RECORD AND PROCEDURE: [Signature] DATE: 2014

APPROVED BY: [Signature] DATE: 2014

ENGINEER OF RECORD AND ENVIRONMENT: [Signature] DATE: 2014

DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max. limit to height. Added general notes.

ARMORFLEX - CLASS 45 DETAIL

STANDARD 602301-04

CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com
3025 Centre Pointe Dr., Suite 400, West Chester, OH 45390
937-338-1122 613-645-7300 613-645-7393 FAX

ARMORTEC
ARMORFLEX CLASS 45 MEDIUM
STANDARD TERMINATION DETAILS

PROJECT NO.: [Blank] DATE: 09/26/2018
DESIGNED BY: [Blank] DRAWN BY: [Blank]
CHECKED BY: [Blank] APPROVED BY: [Blank]
SHEET NO.: CT2 OF CT2

3 ARMORFLEX - CLASS 45 DETAIL
SCALE: NTS

2 INLET - TYPE A DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

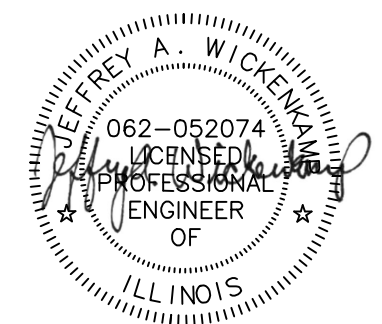
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

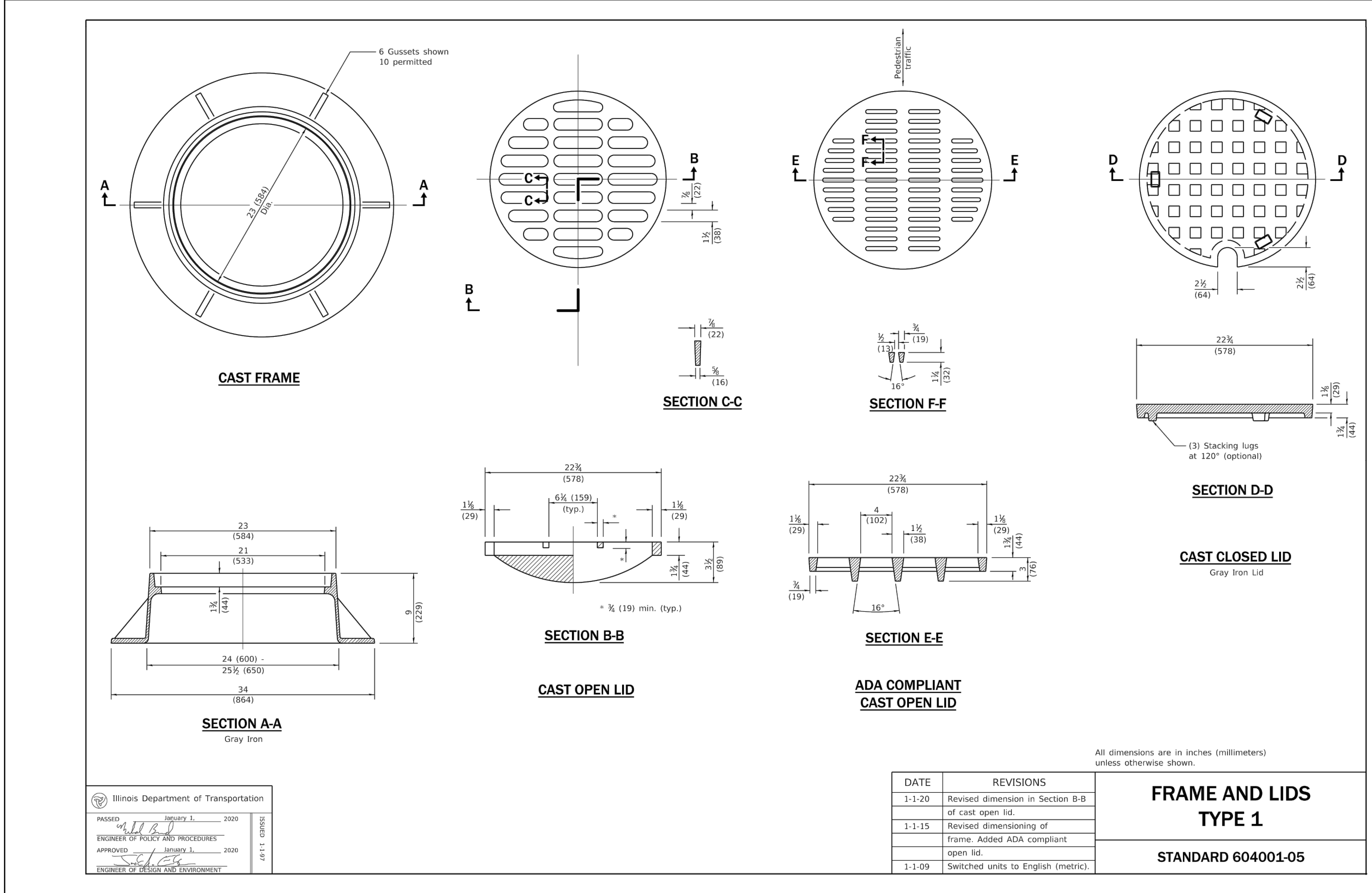
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Engineering, Ecology and Landscape Architecture
8755 WEST HIGGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
TEL: (773) 693-8202
FAX: (773) 693-8202
CHICAGO@HEYANSC.COM
LICENSE NO. 184100329

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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
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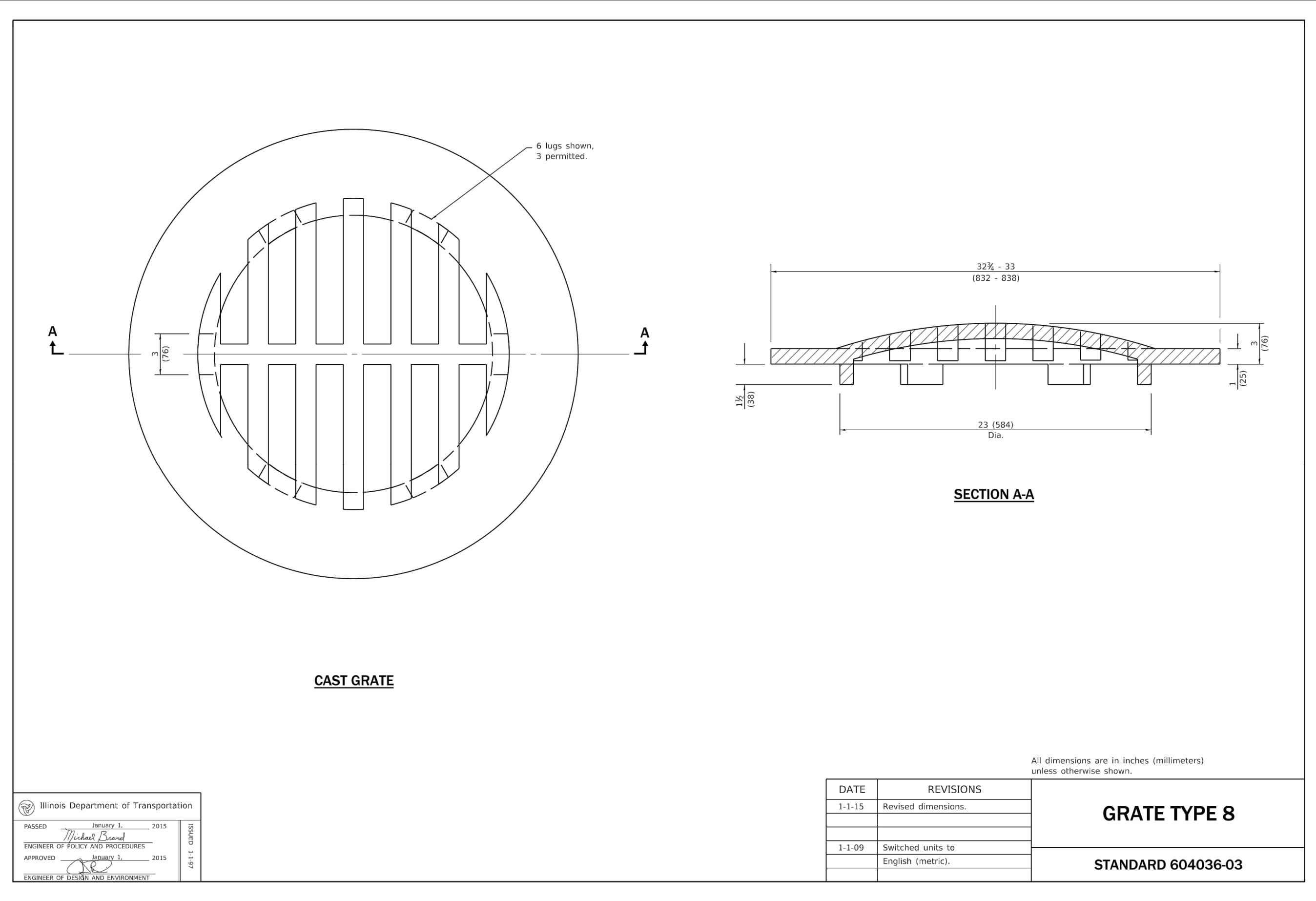
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GRADING & DRAINAGE DETAILS

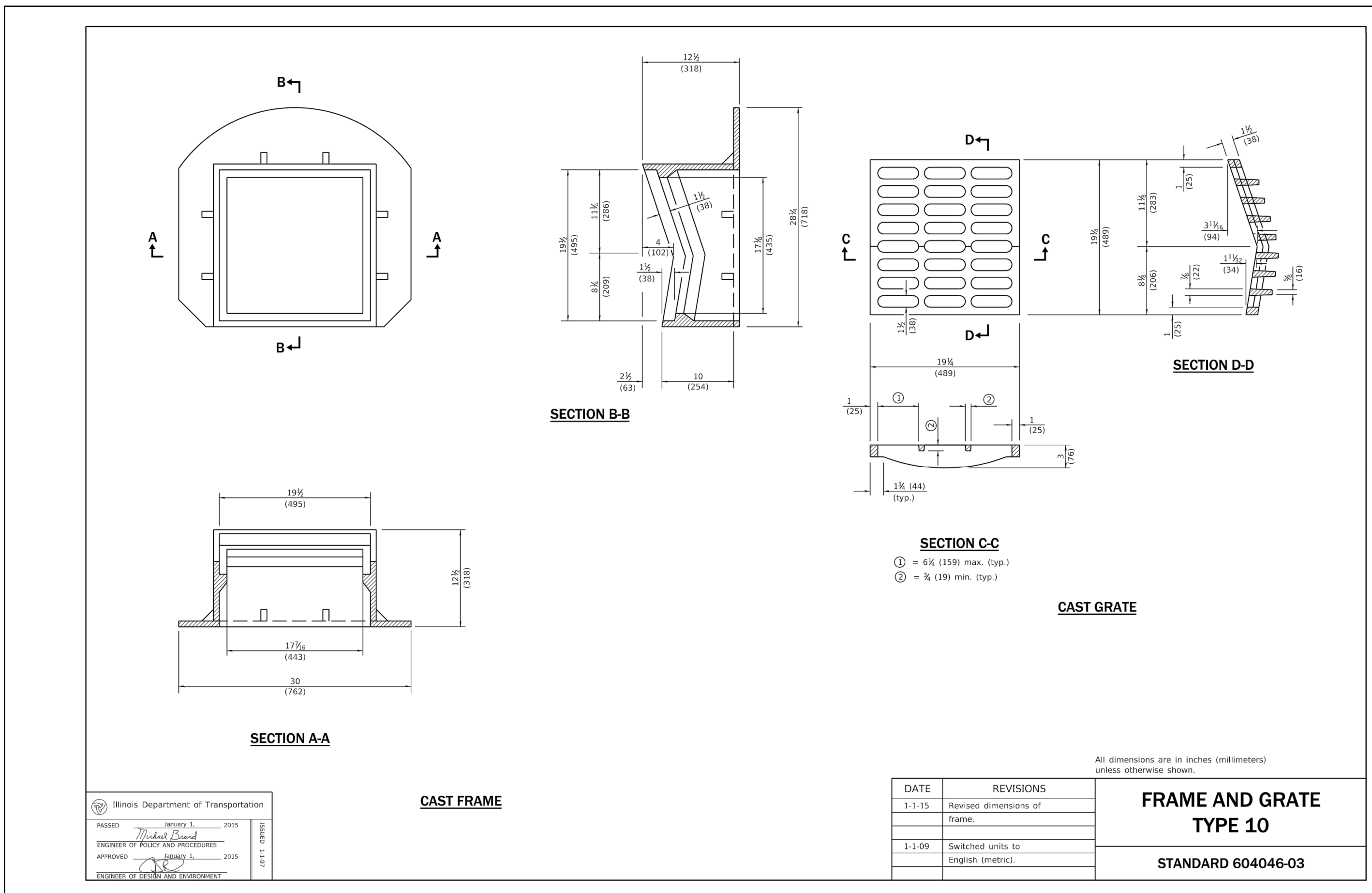




1 FRAME AND LIDS - TYPE 1 DETAIL
SCALE: NTS



2 GRATE - TYPE 8 DETAIL
SCALE: NTS



3 FRAME AND GRATE - TYPE 10 DETAIL
SCALE: NTS

Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

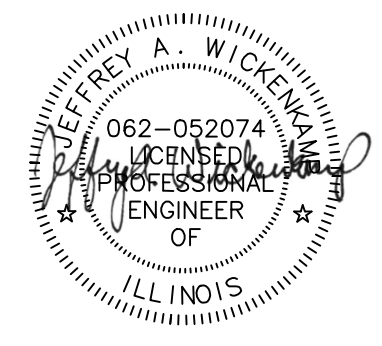
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Reviewed by: JAW
Correct:

Scale: AS SHOWN
Date: 2022

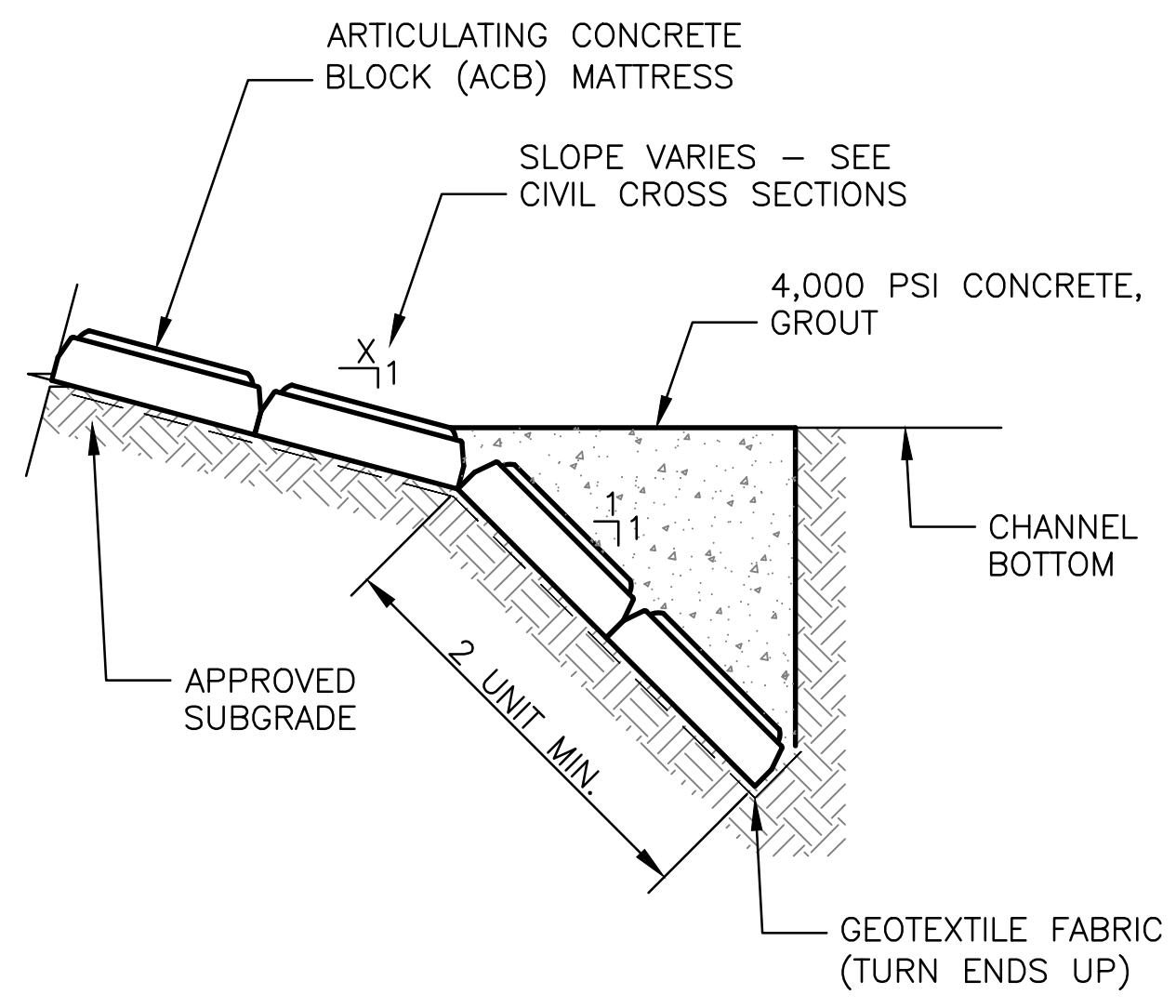
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Engineering, Ecology and Landscape Architecture
8755 WEST HIGGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
FAX (773) 693-8202
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ADDISON CREEK CHANNEL IMPROVEMENTS

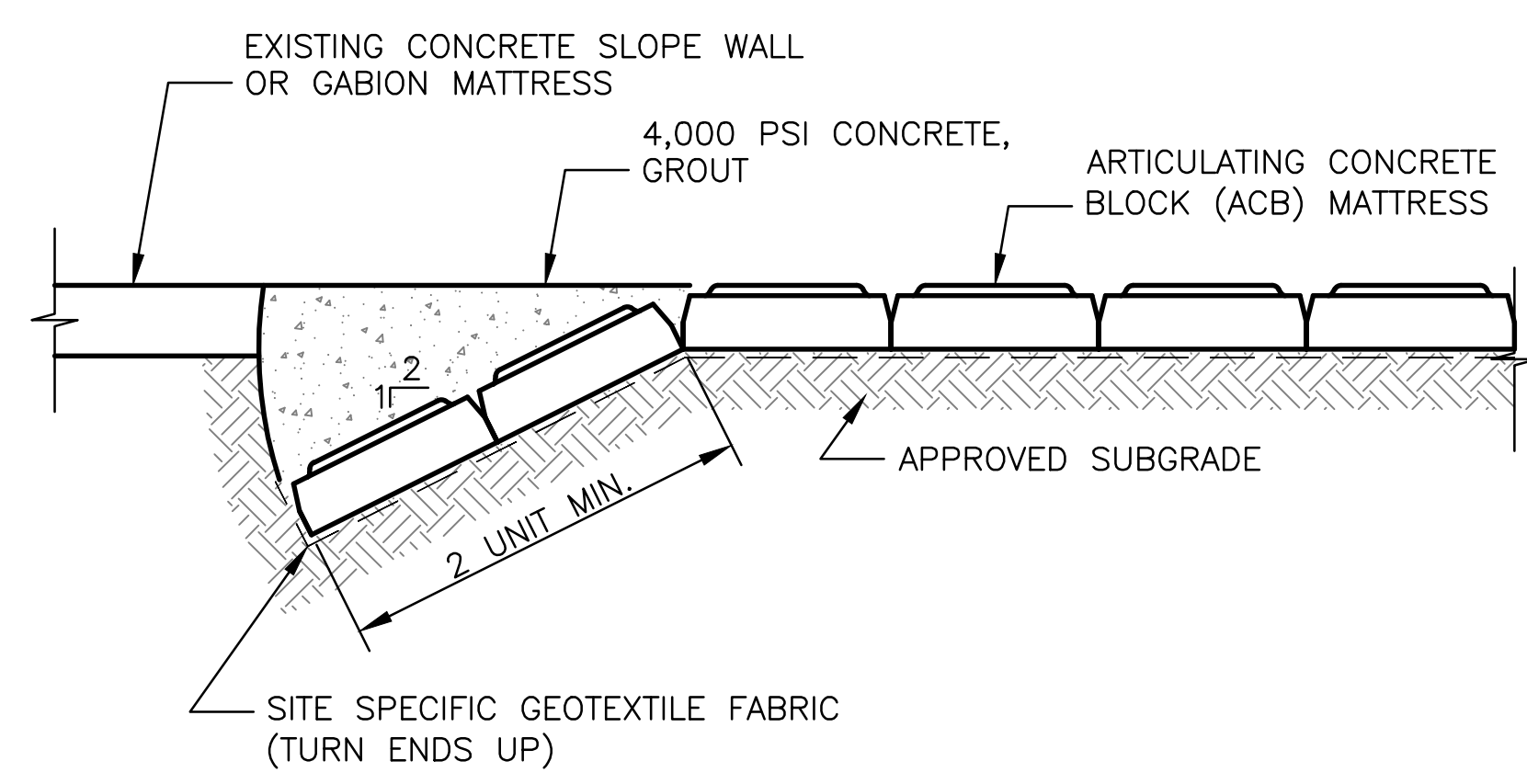
GRADING & DRAINAGE DETAILS



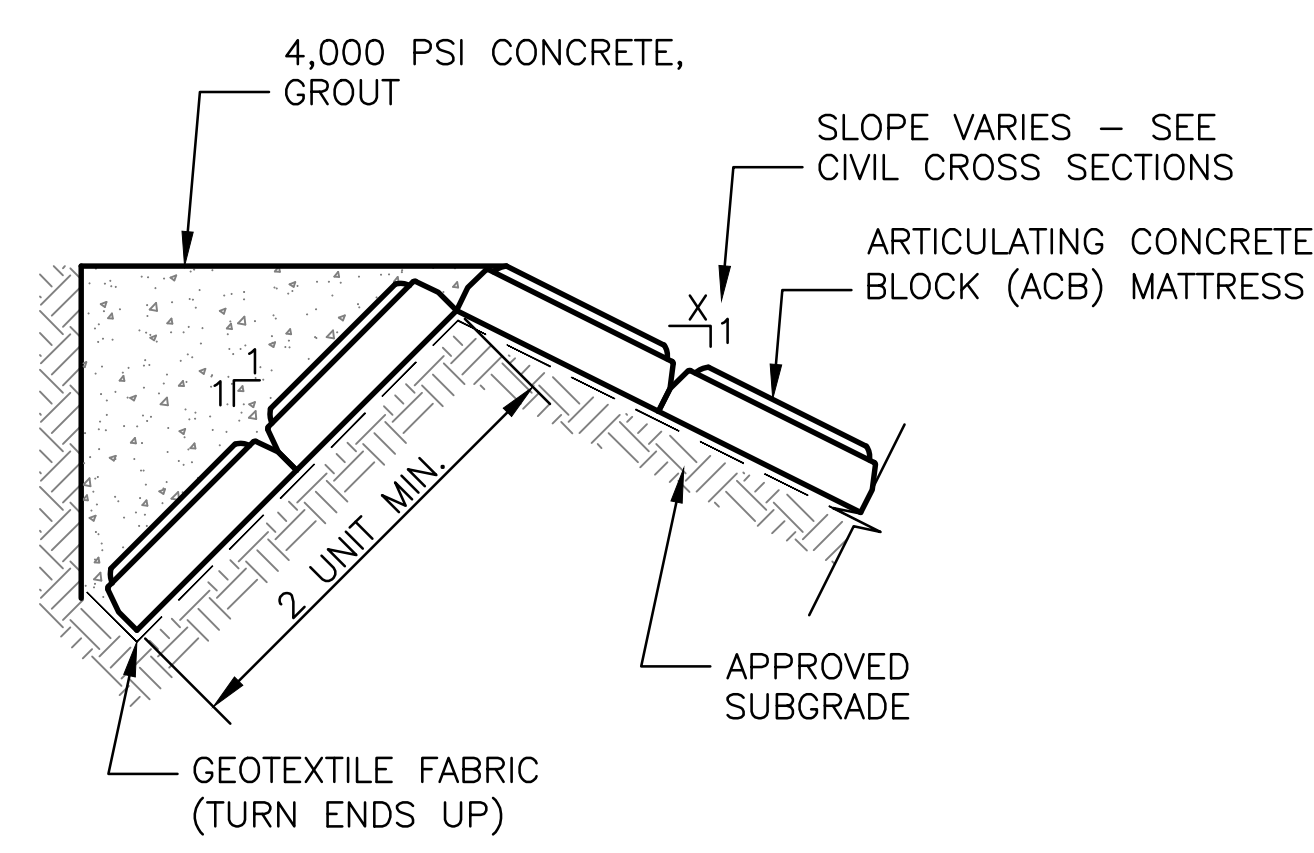
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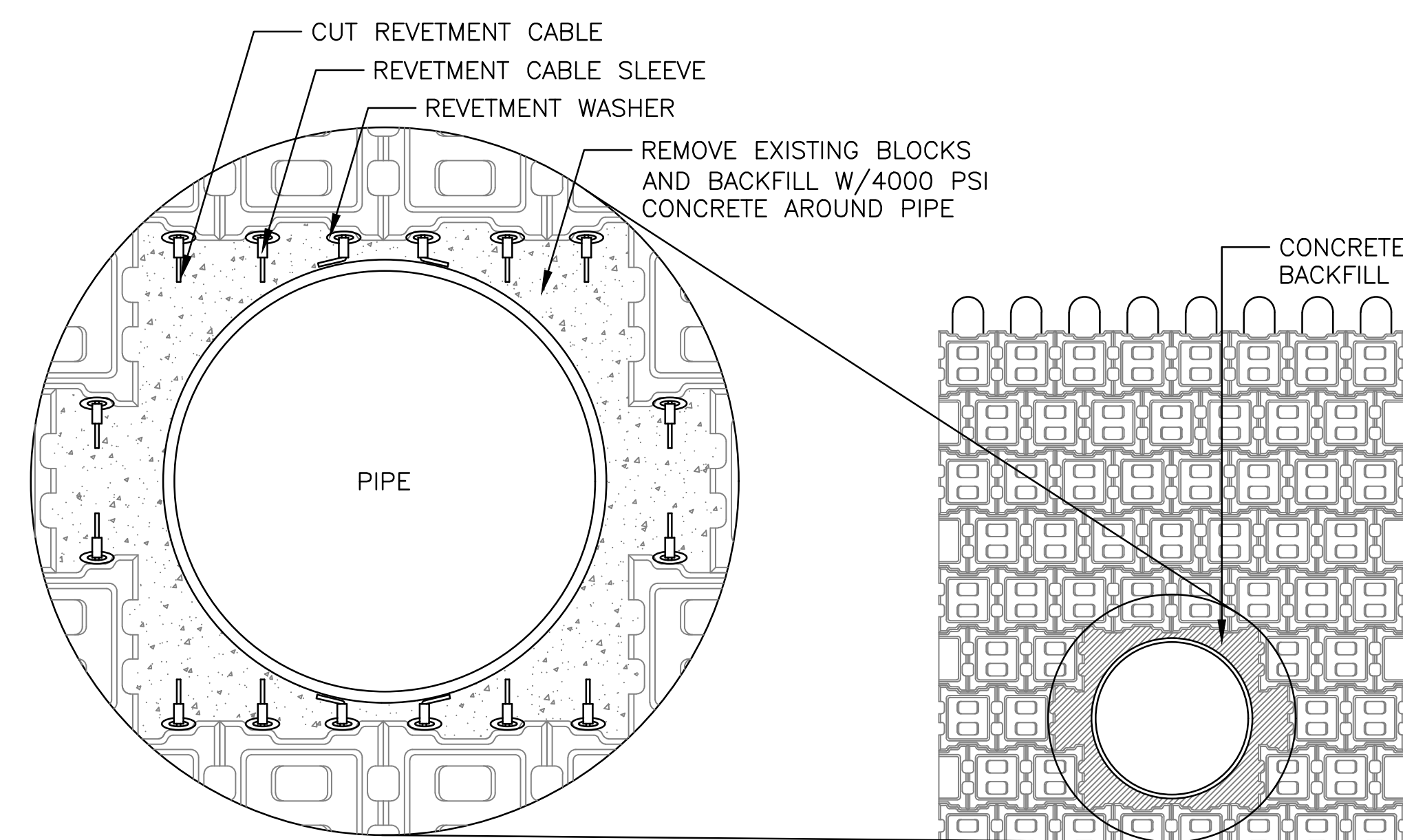
1 ACB TERMINATION AT CHANNEL BOTTOM
 SCALE: NTS



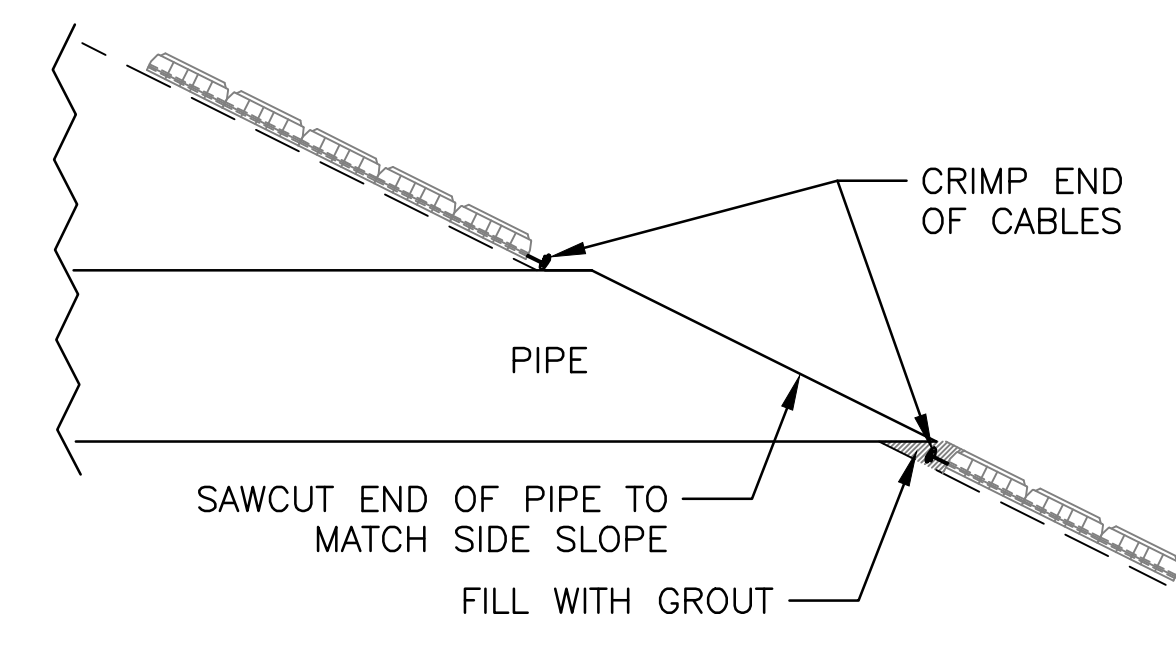
2 ACB TERMINATION AT UPSTREAM & DOWNSTREAM SLOPE TREATMENTS
 SCALE: NTS



3 ACB TERMINATION AT TOP OF SLOPE
 SCALE: NTS

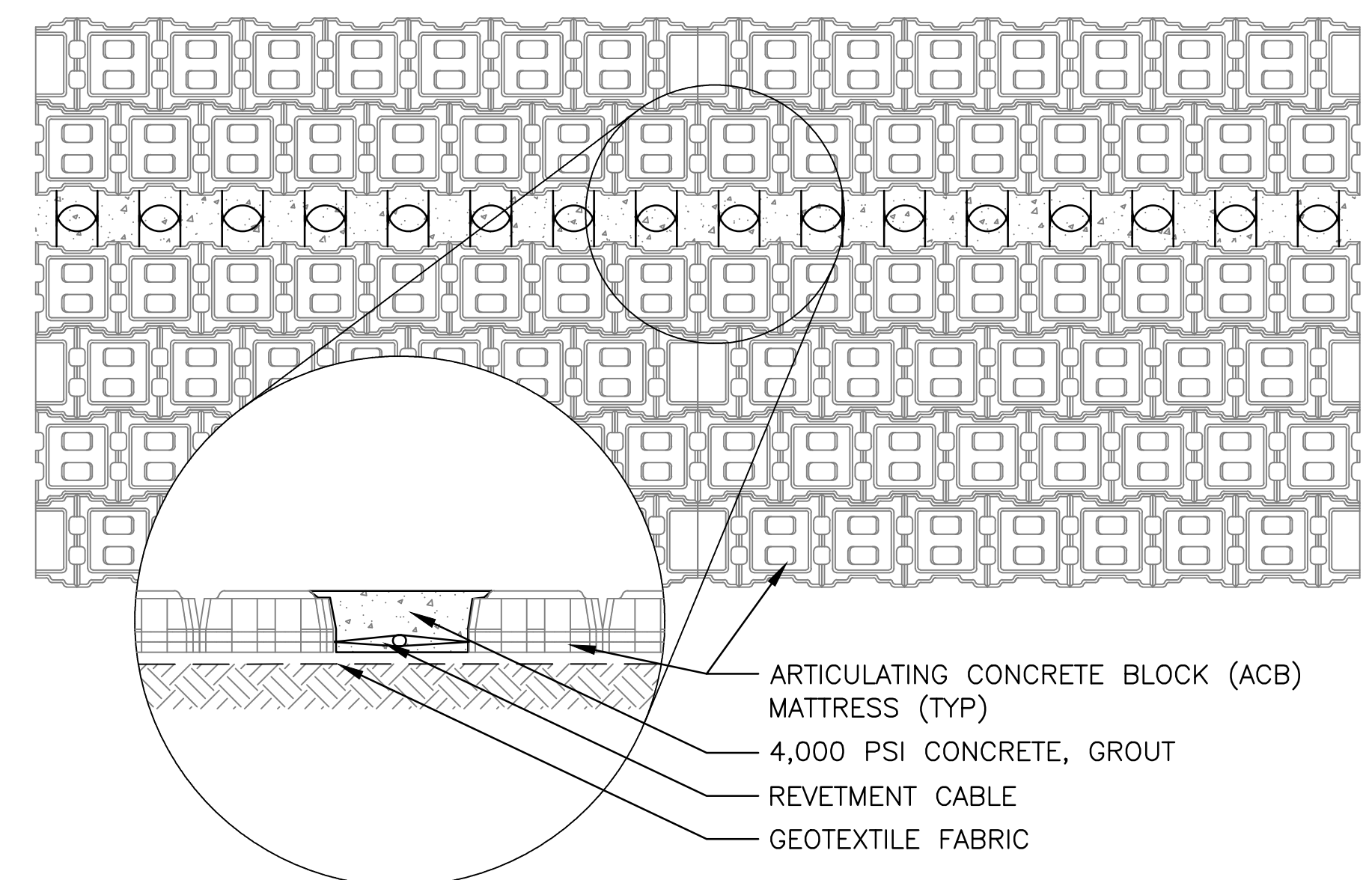


DETAIL

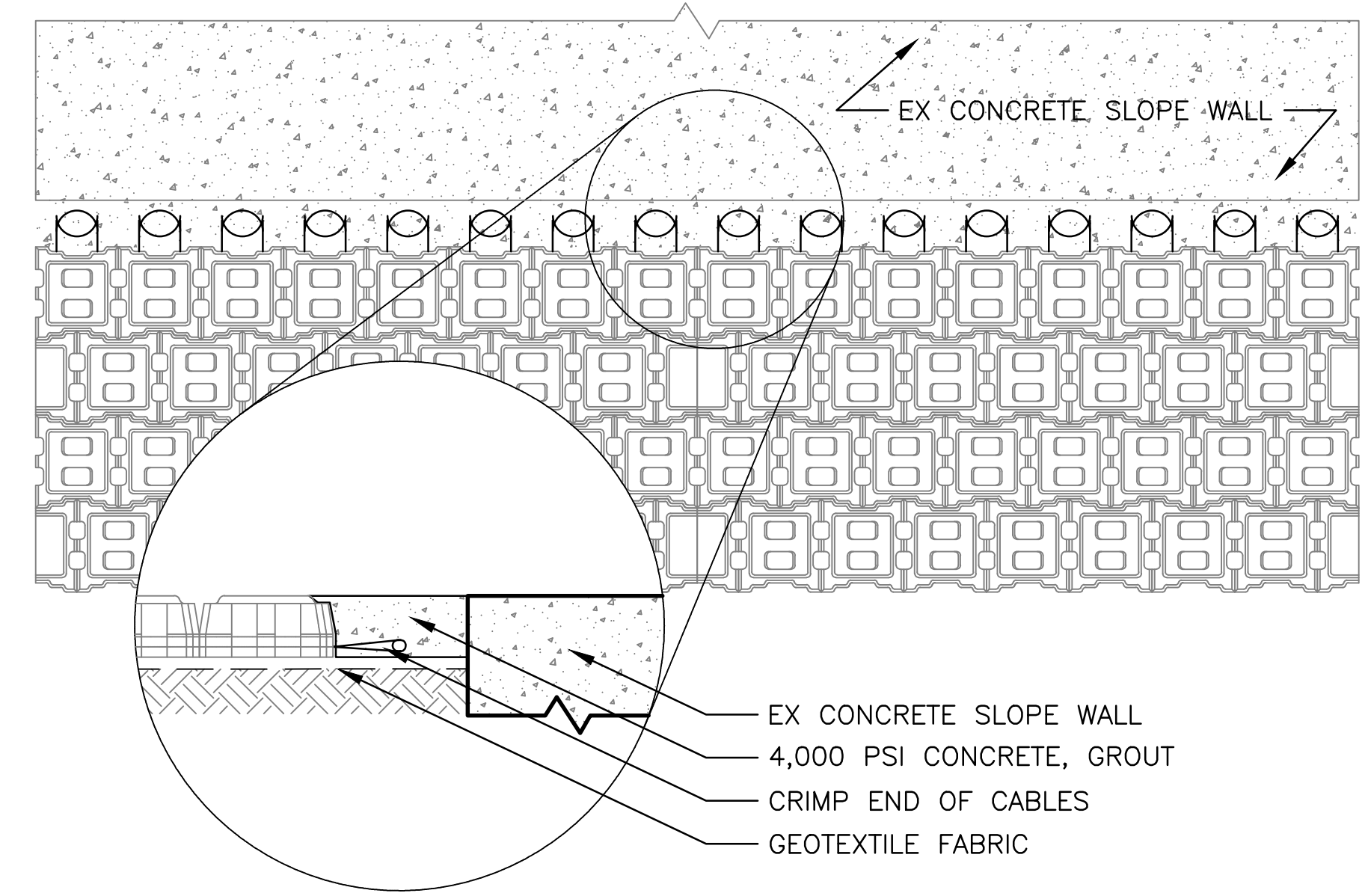


ELEVATION

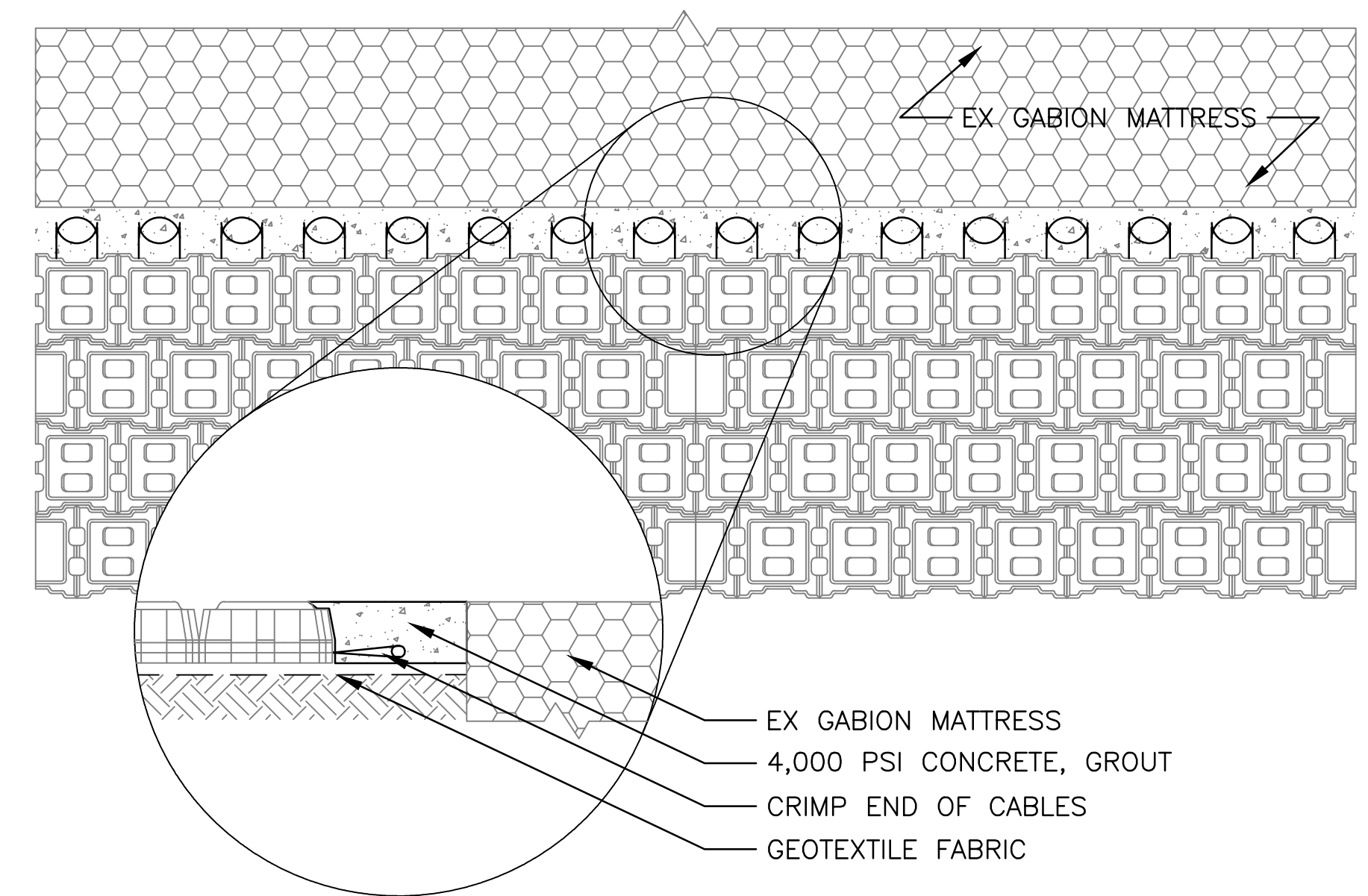
4 PIPE PENETRATION THRU ACB
 SCALE: NTS



ACB MATTRESS-TO-ACB MATTRESS

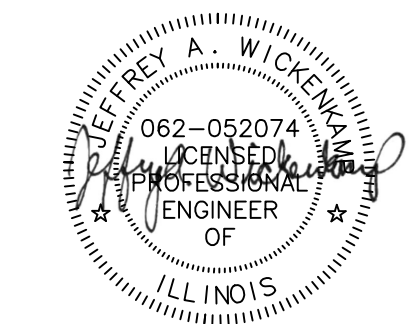


ACB MATTRESS-TO-EXISTING CONCRETE SLOPE WALL



ACB MATTRESS-TO-EXISTING GABION MATTRESS

5 END-TO-END CONNECTIONS
 SCALE: NTS



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 FAX (773) 693-0202
 CHICAGO@HEYANDASSOCIATES.COM
 LICENSE NO. 184100429

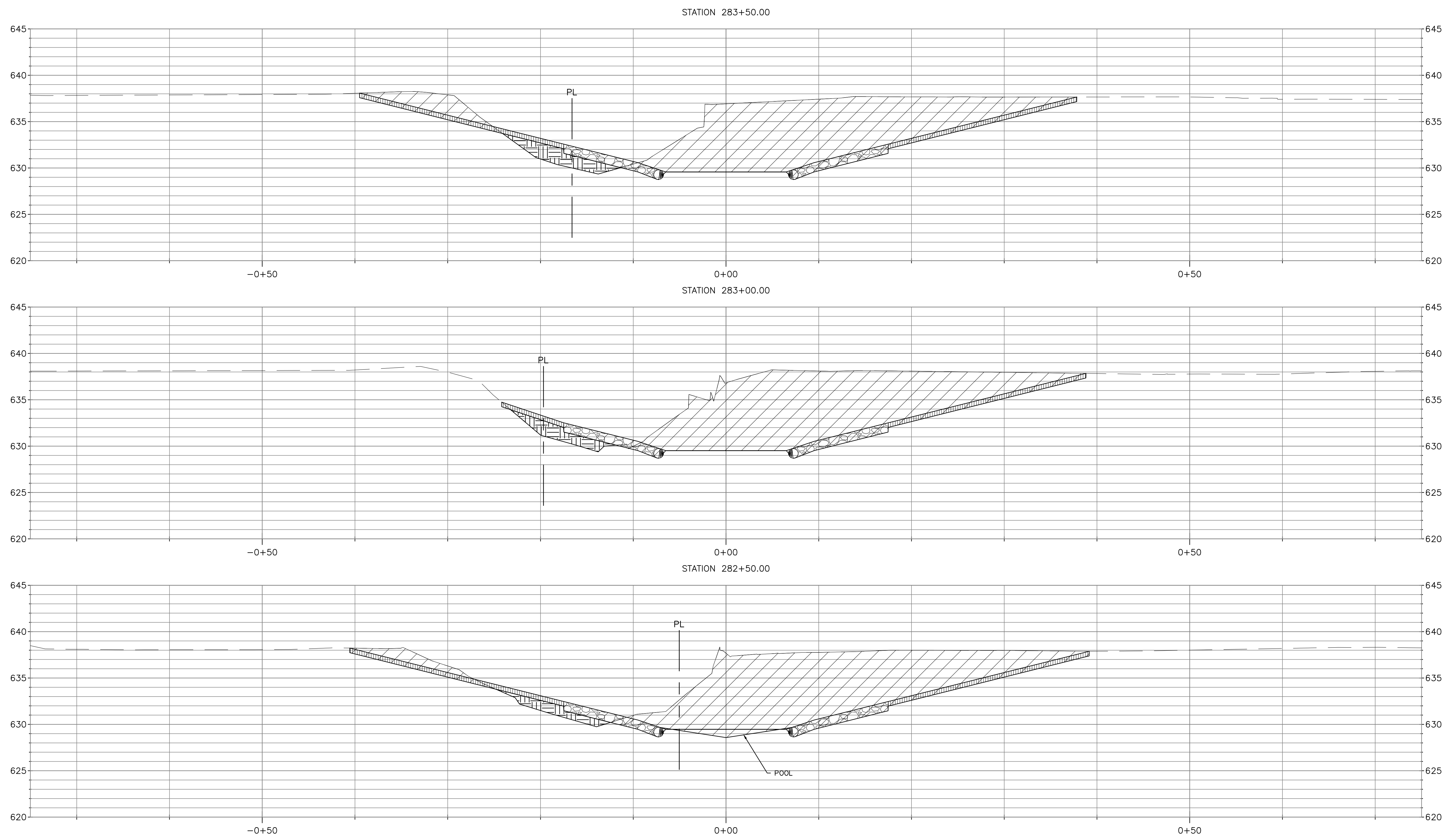
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

ARTICULATED CONCRETE BLOCK DETAILS

Sheet Number:
CG-510
 Page Number: 162

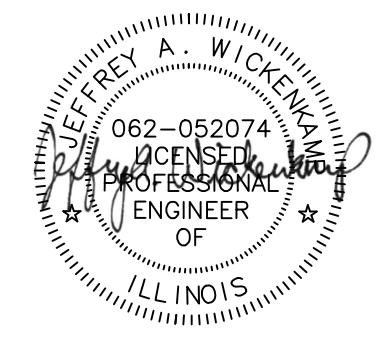
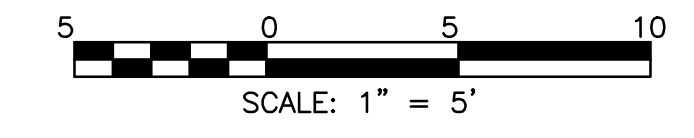
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-5200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18404287

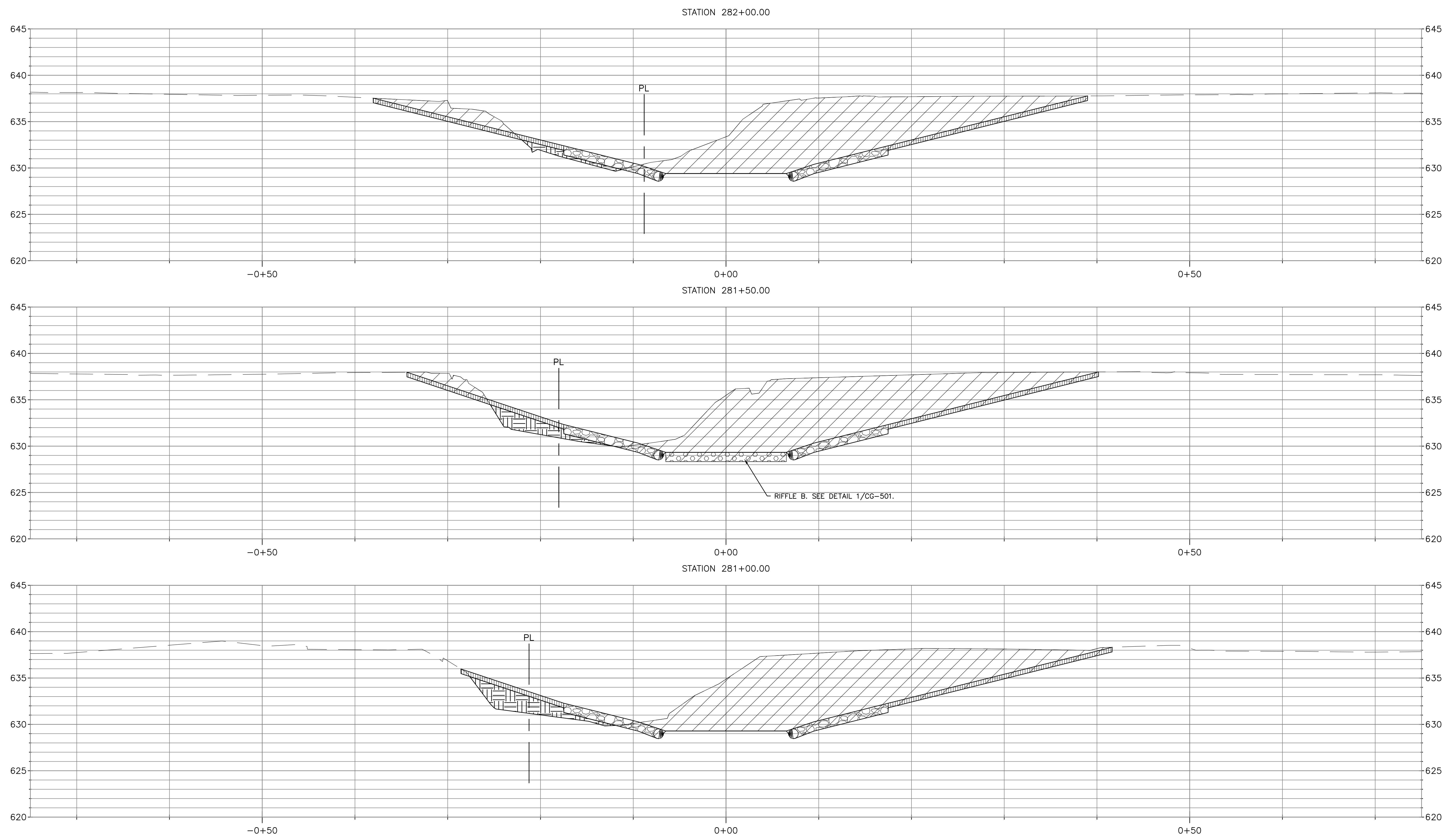
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 283+50 TO STA. 282+50

Sheet Number:
CG-702
Page Number: 164

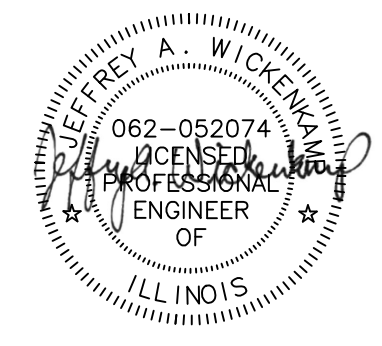
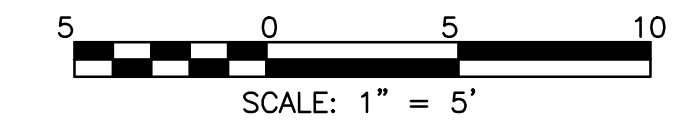
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184002829

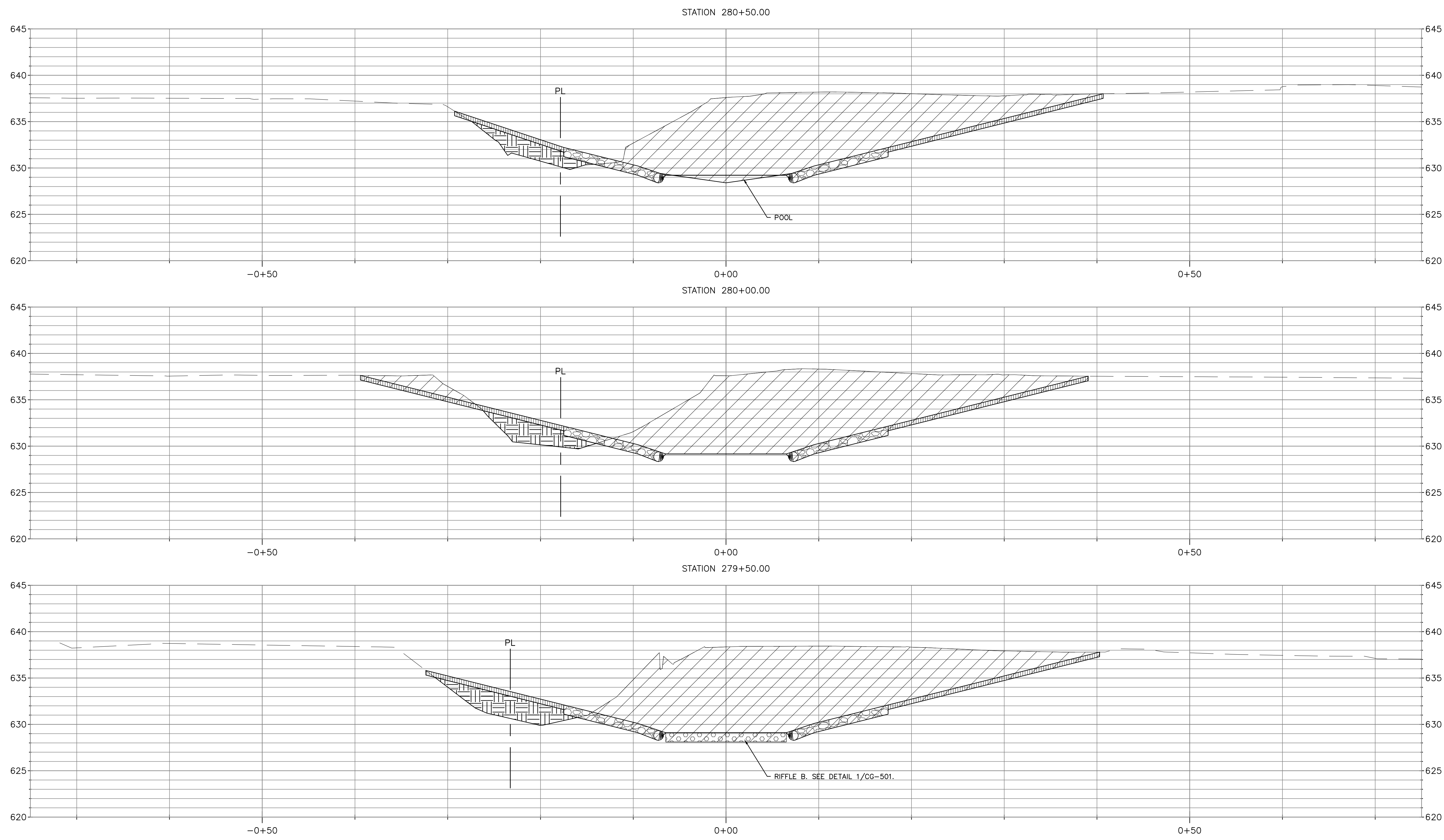
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
 STA. 282+00 TO STA. 281+00

Sheet Number:
CG-703
 Page Number: 165

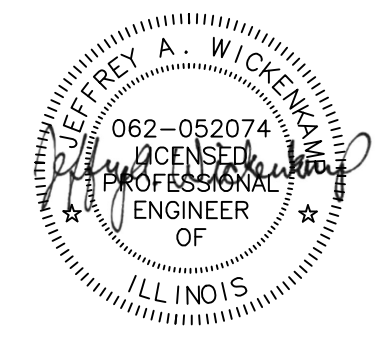
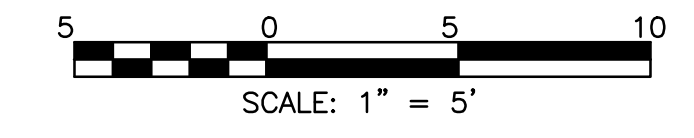
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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Engineering, Ecology and Landscape Architecture
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OFFICE (773) 695-5200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM LICENSE NO. 184002829

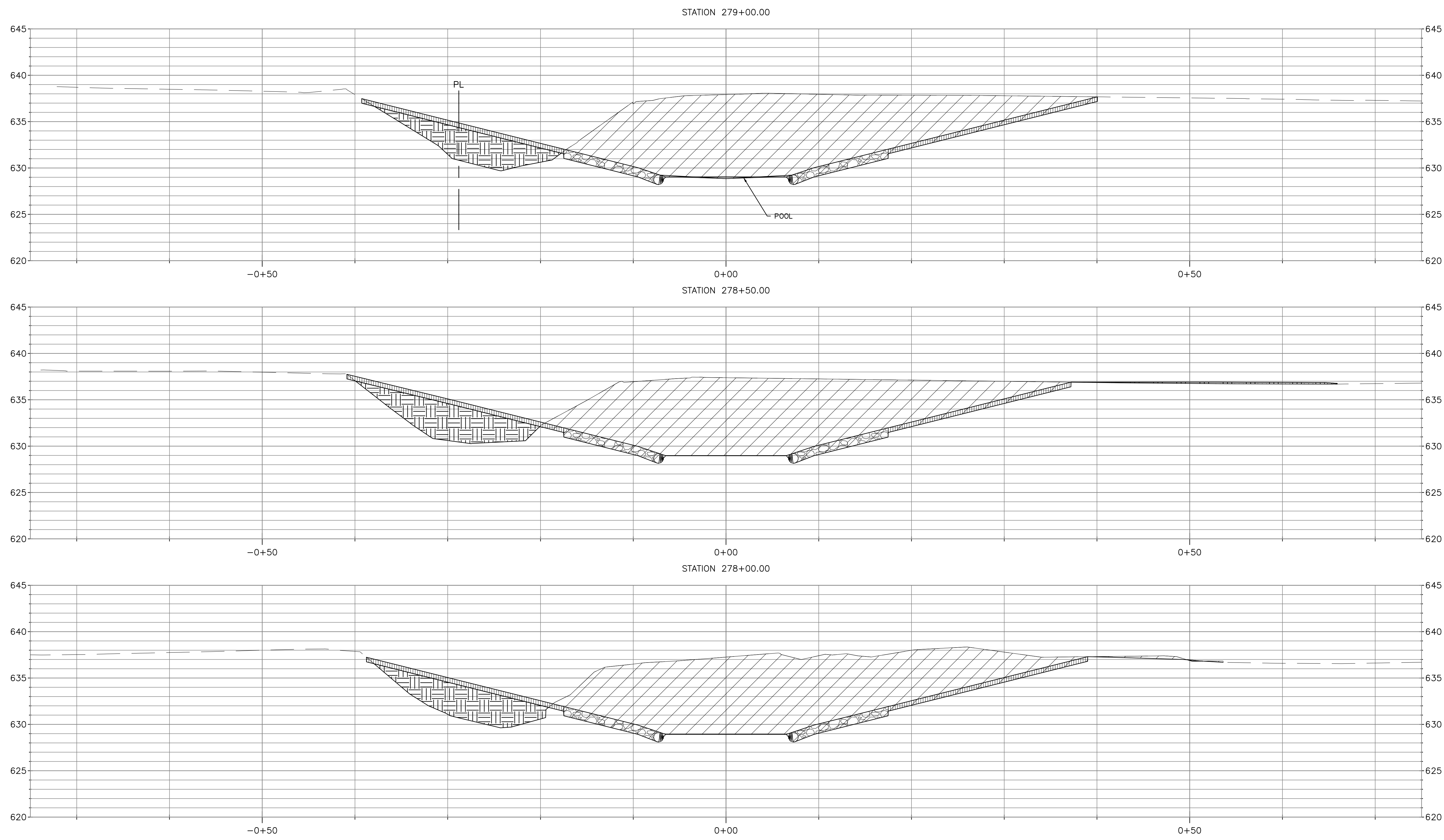
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 280+50 TO STA. 279+50

Sheet Number:
CG-704
Page Number: 166

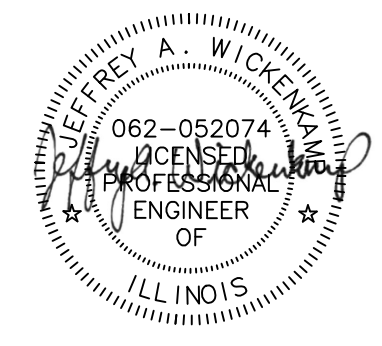
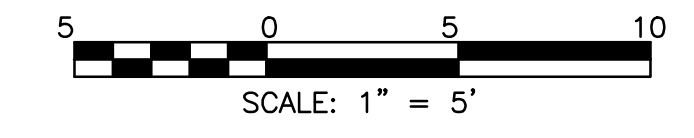
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
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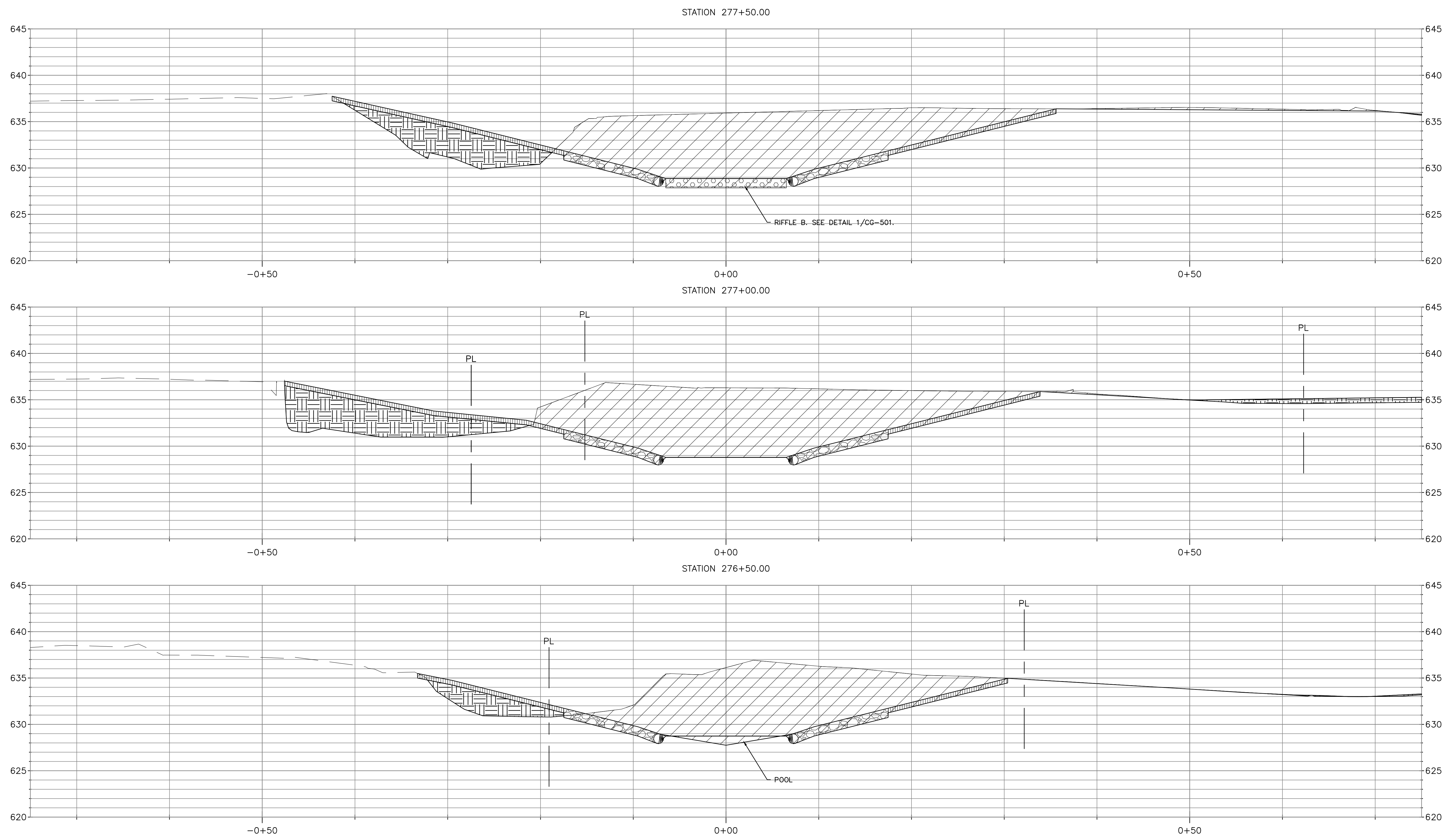
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 279+00 TO STA. 278+00

Sheet Number:
CG-705
Page Number: 167

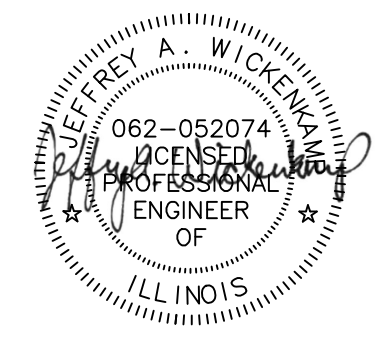
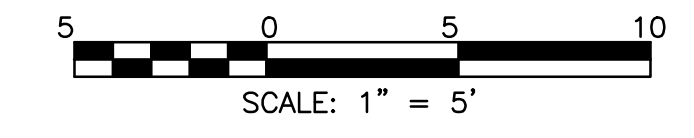
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002429

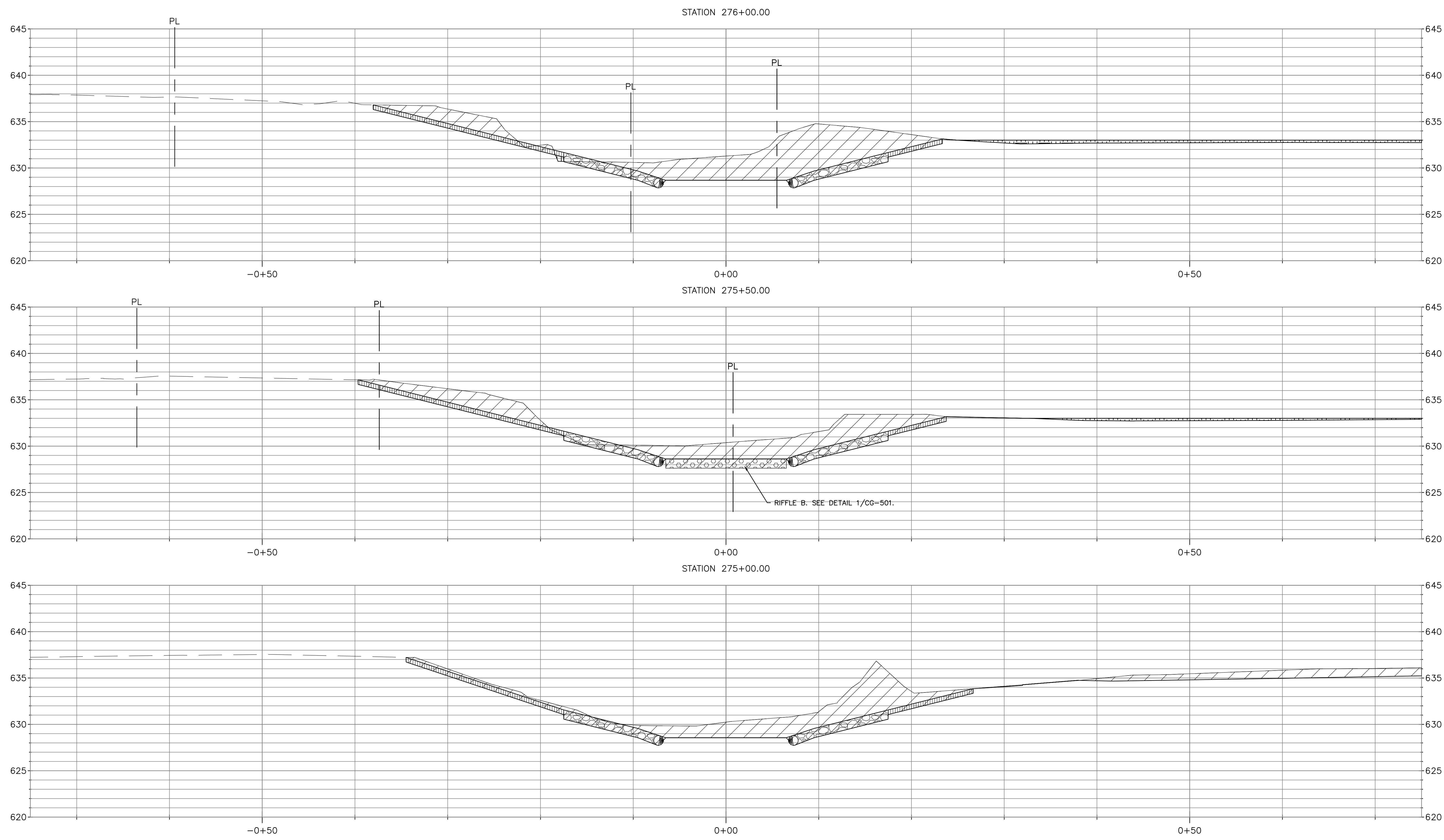
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 277+50 TO STA. 276+50

Sheet Number:
CG-706
Page Number: 168

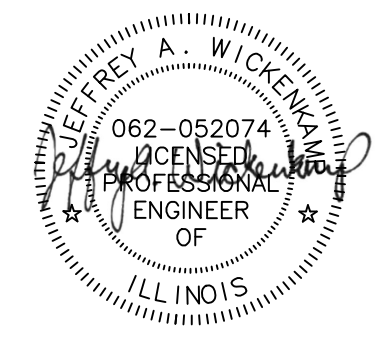
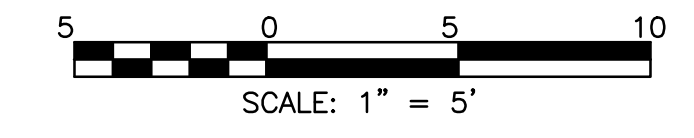
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

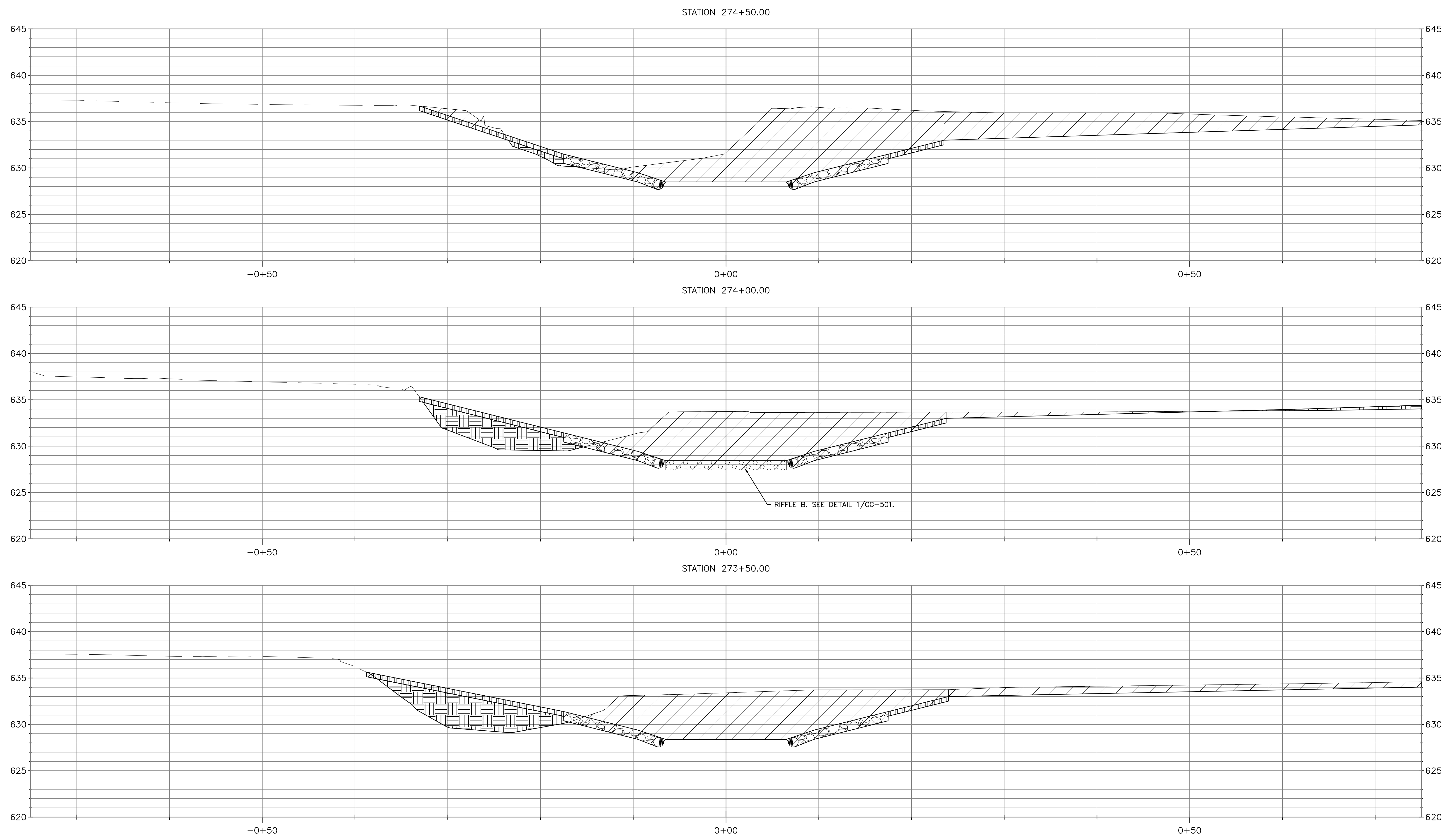
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Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 276+00 TO STA. 275+00

Sheet Number:
CG-707
Page Number: 169

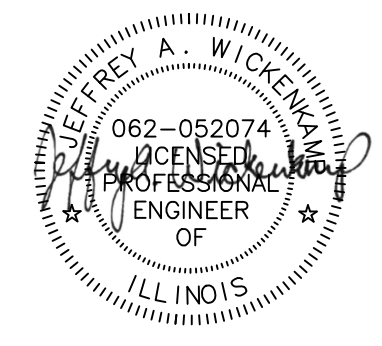
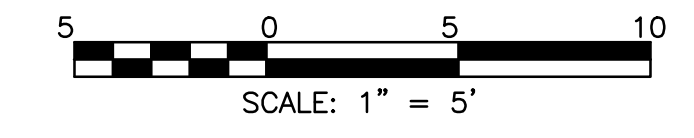
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

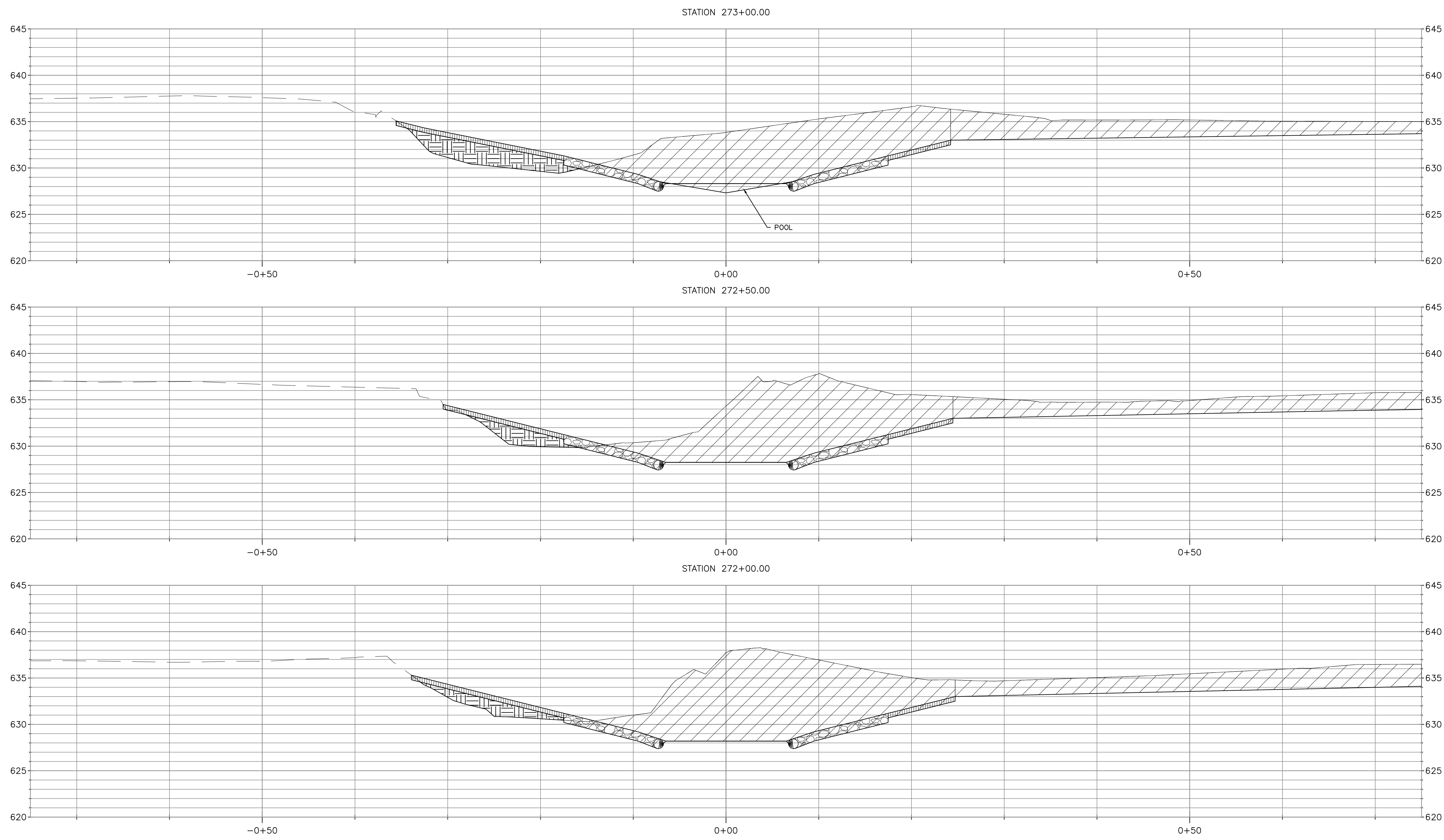
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Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 274+50 TO STA. 273+50

Sheet Number:
CG-708
Page Number: 170

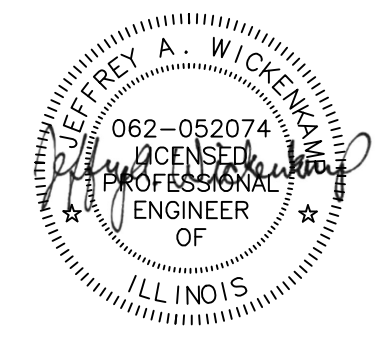
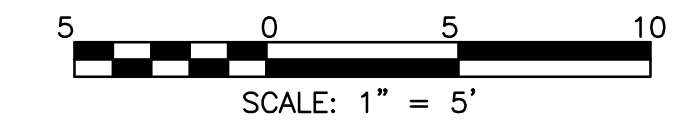
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

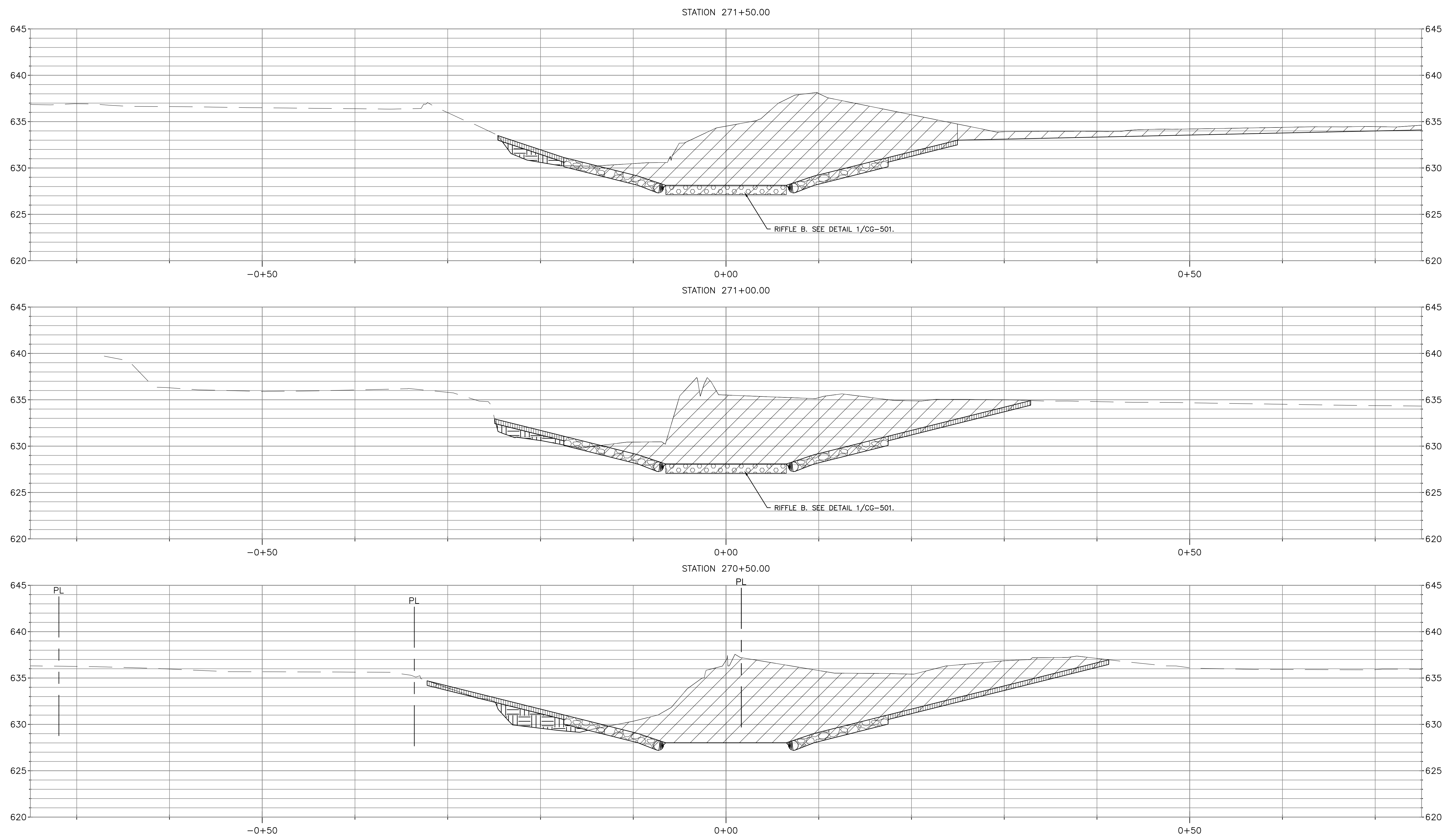
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 273+00 TO STA. 272+00

Sheet Number:
CG-709
Page Number: 171

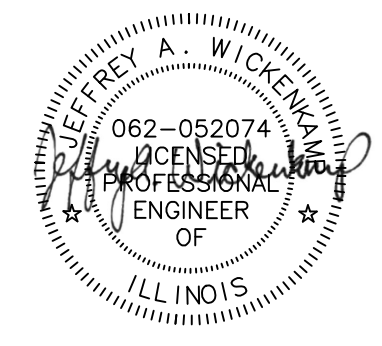
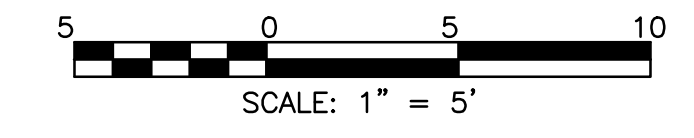
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

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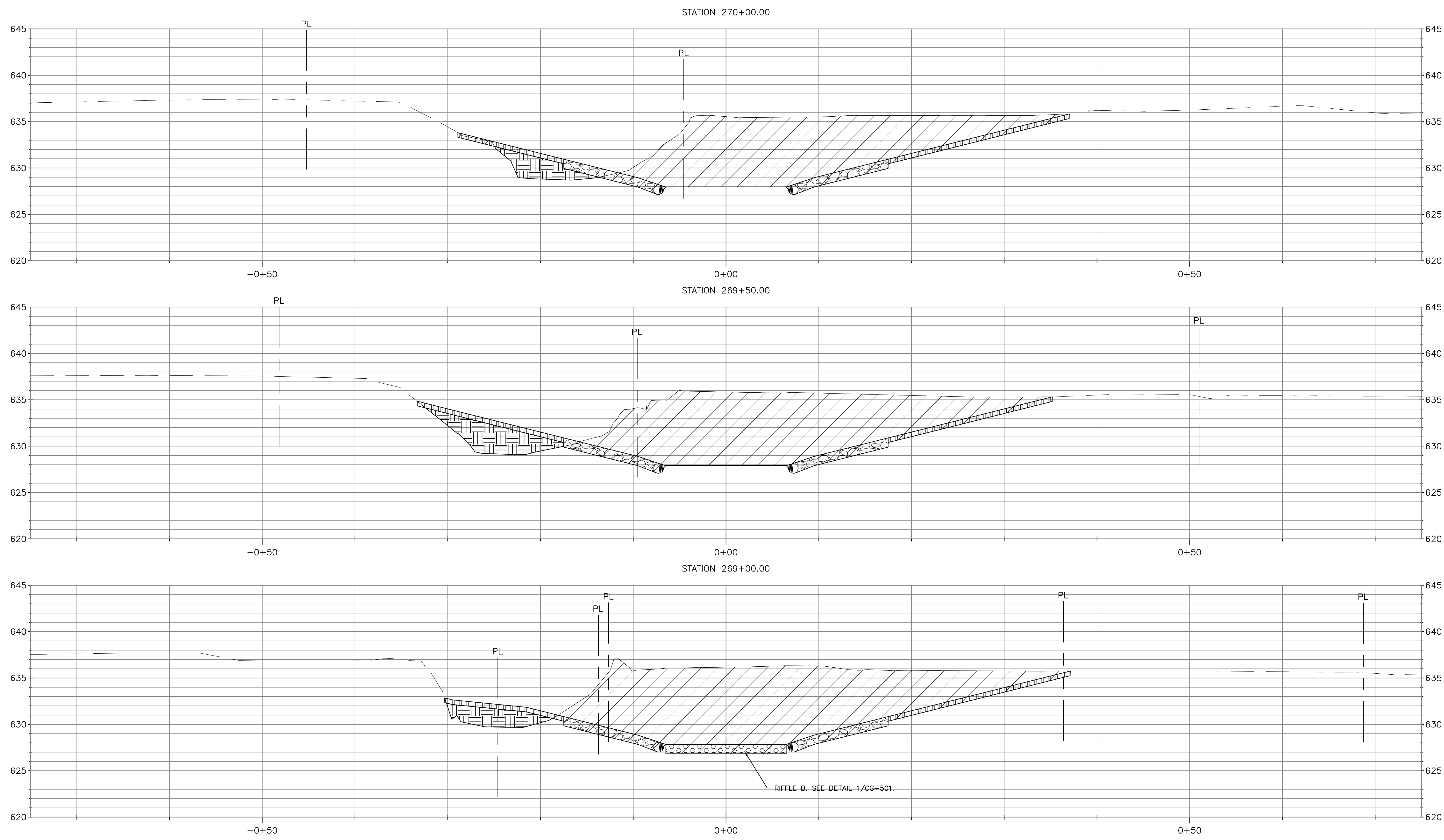
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 271+50 TO STA. 270+50

Sheet Number:
CG-710

Page Number: 172

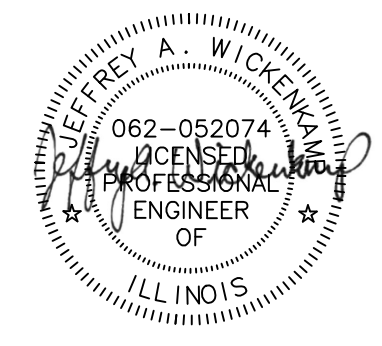
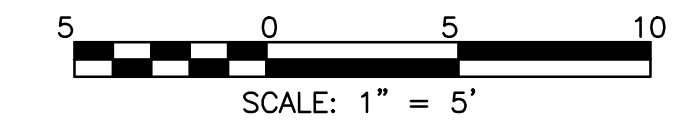
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Engineering, Ecology and Landscape Architecture
8755 WEST HERCULES ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

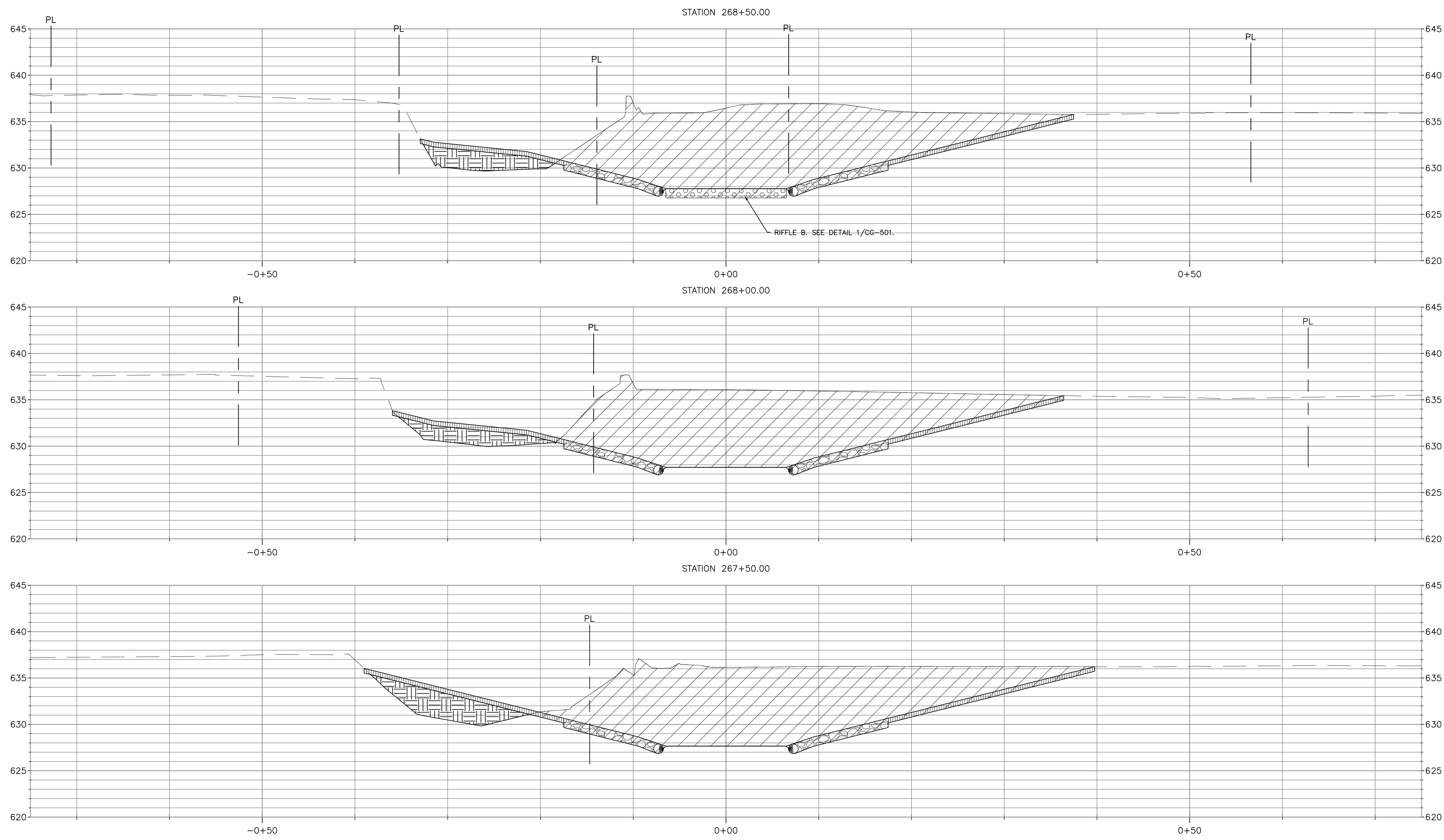
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 270+00 TO STA. 269+00

Sheet Number:
CG-711
Page Number: 173

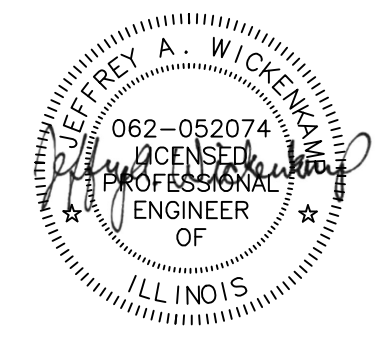
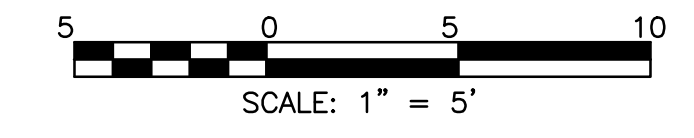
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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 CG-302 AND CG-303.



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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASNC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400229

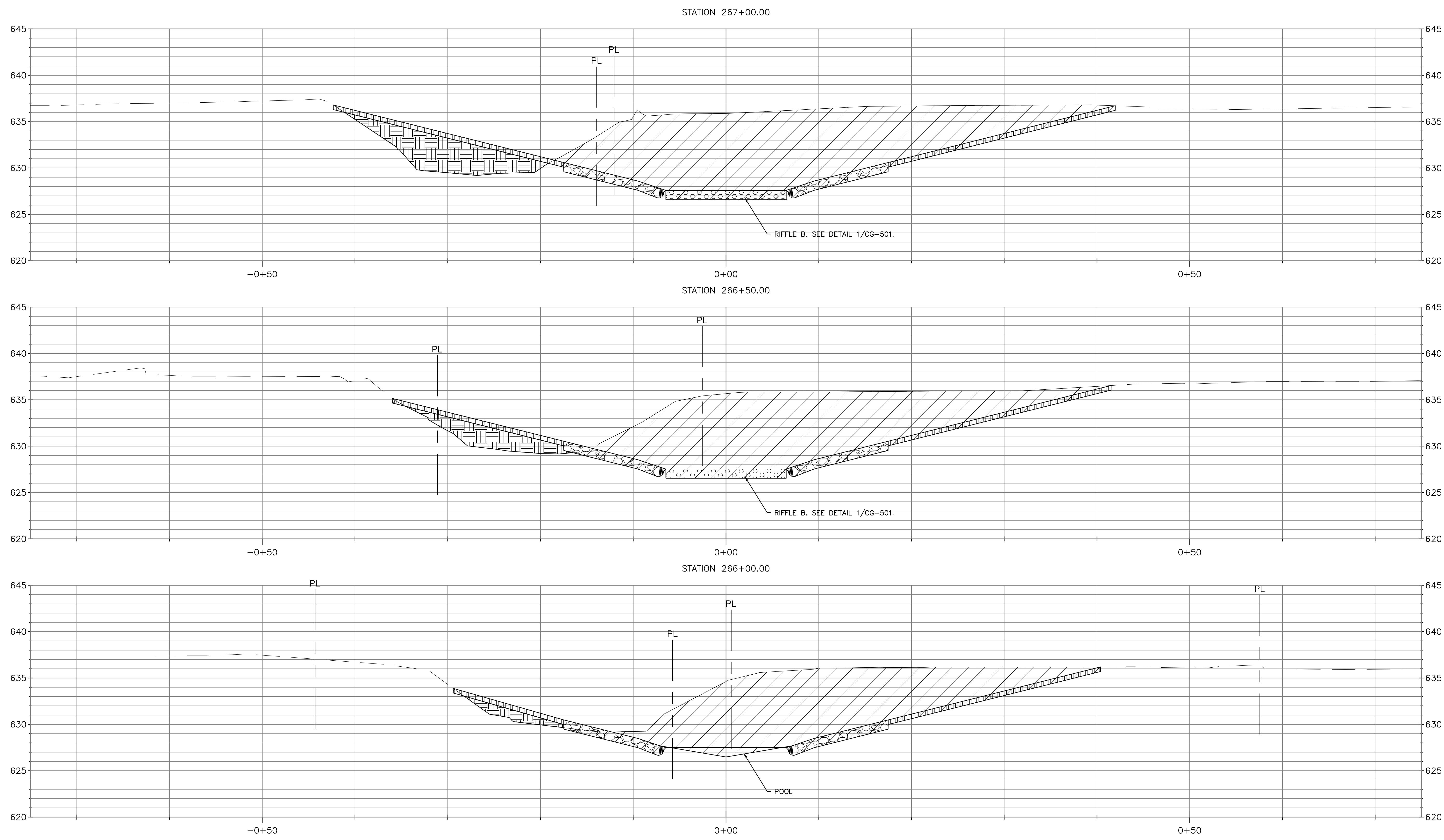
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
 STA. 268+50 TO STA. 267+50

Sheet Number:
CG-712
 Page Number: 174

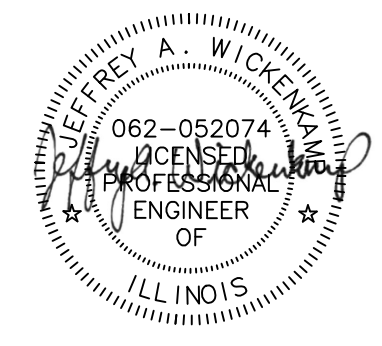
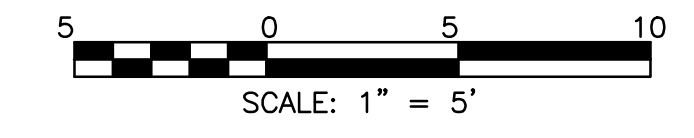
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18400229

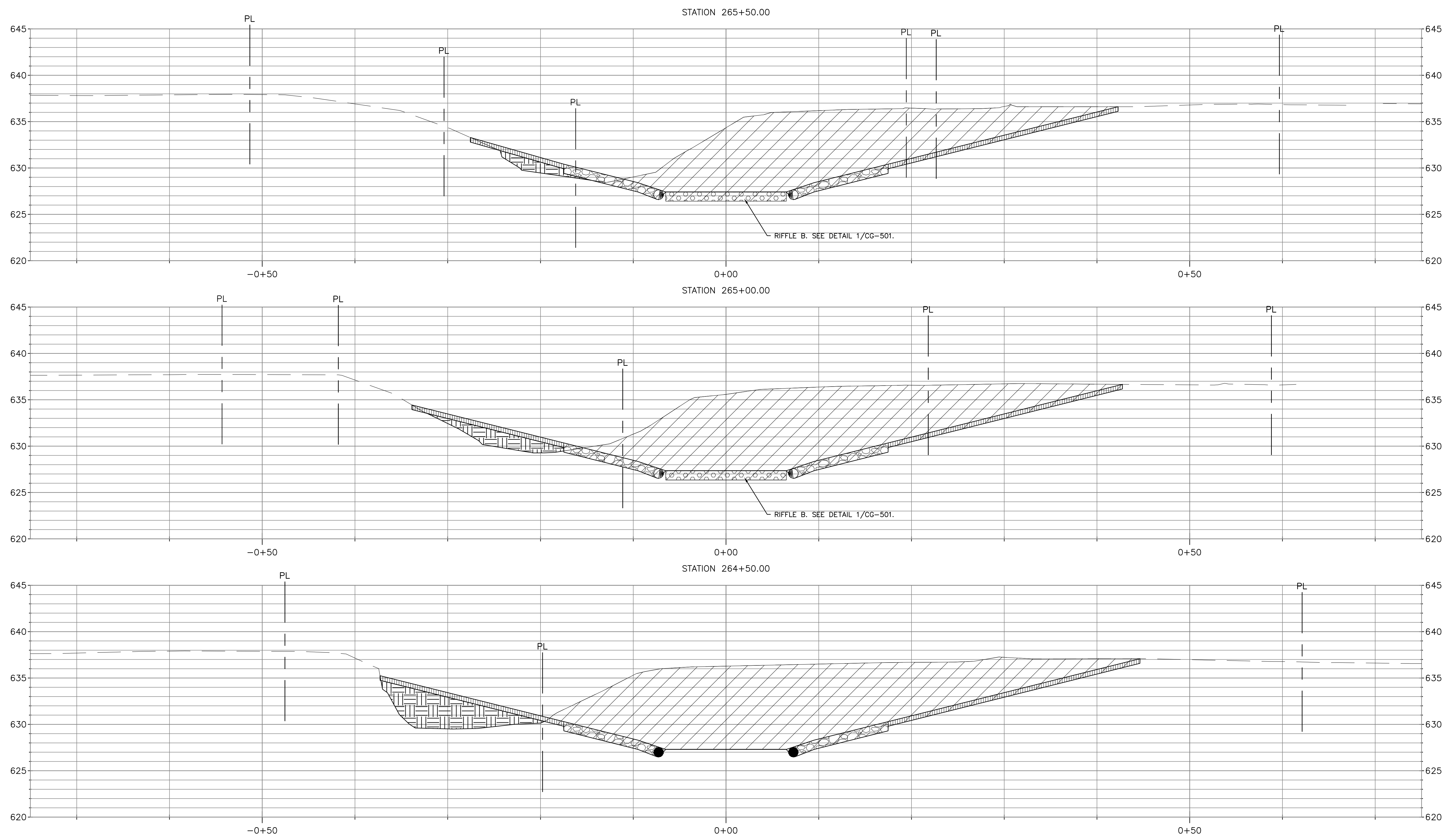
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 267+00 TO STA. 266+00

Sheet Number:
CG-713
Page Number: 175

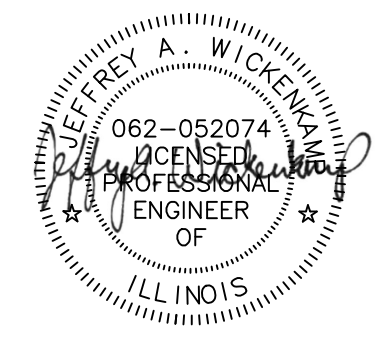
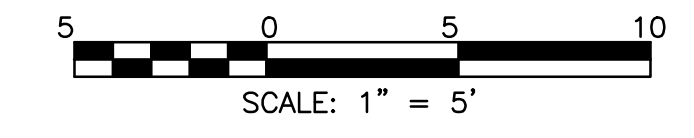
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-5200
Chicago@HEYASNC.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18400229

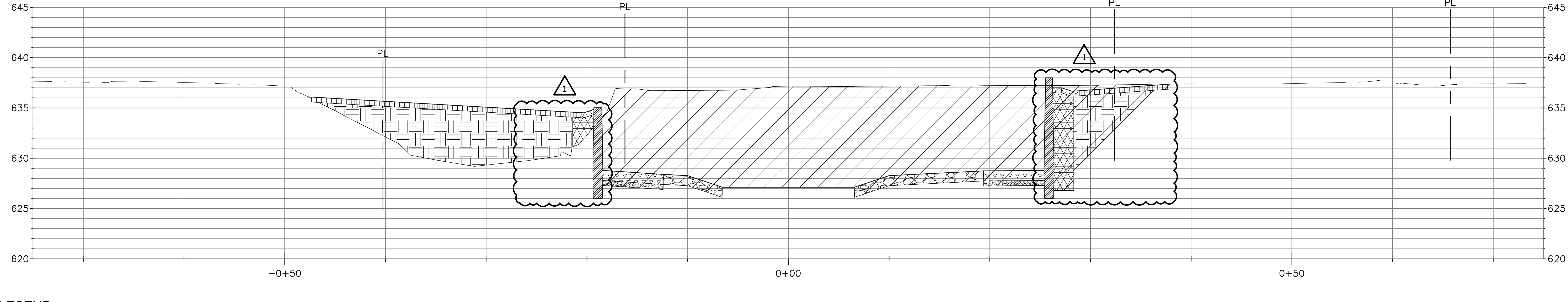
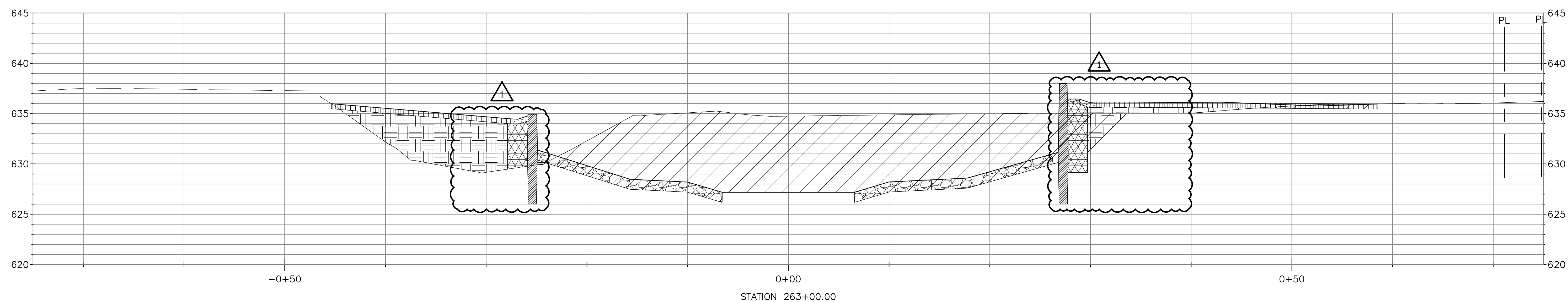
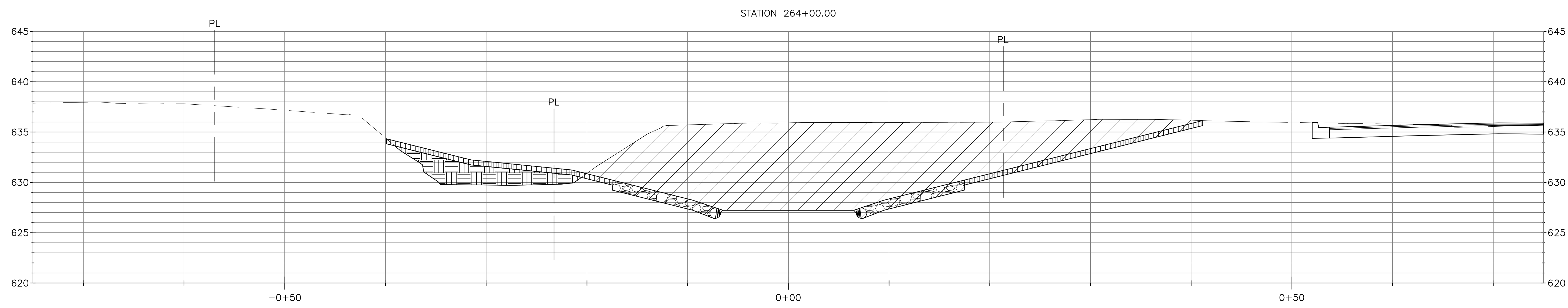
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Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 265+50 TO STA. 264+50

Sheet Number:
CG-714
Page Number: 176

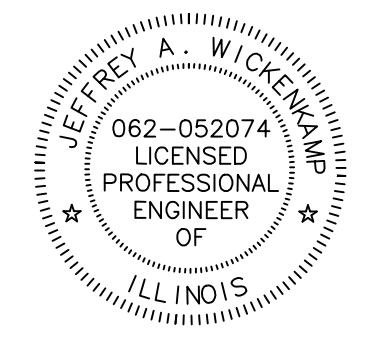
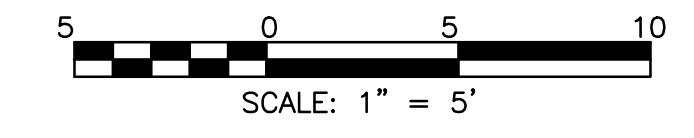
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERGINS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

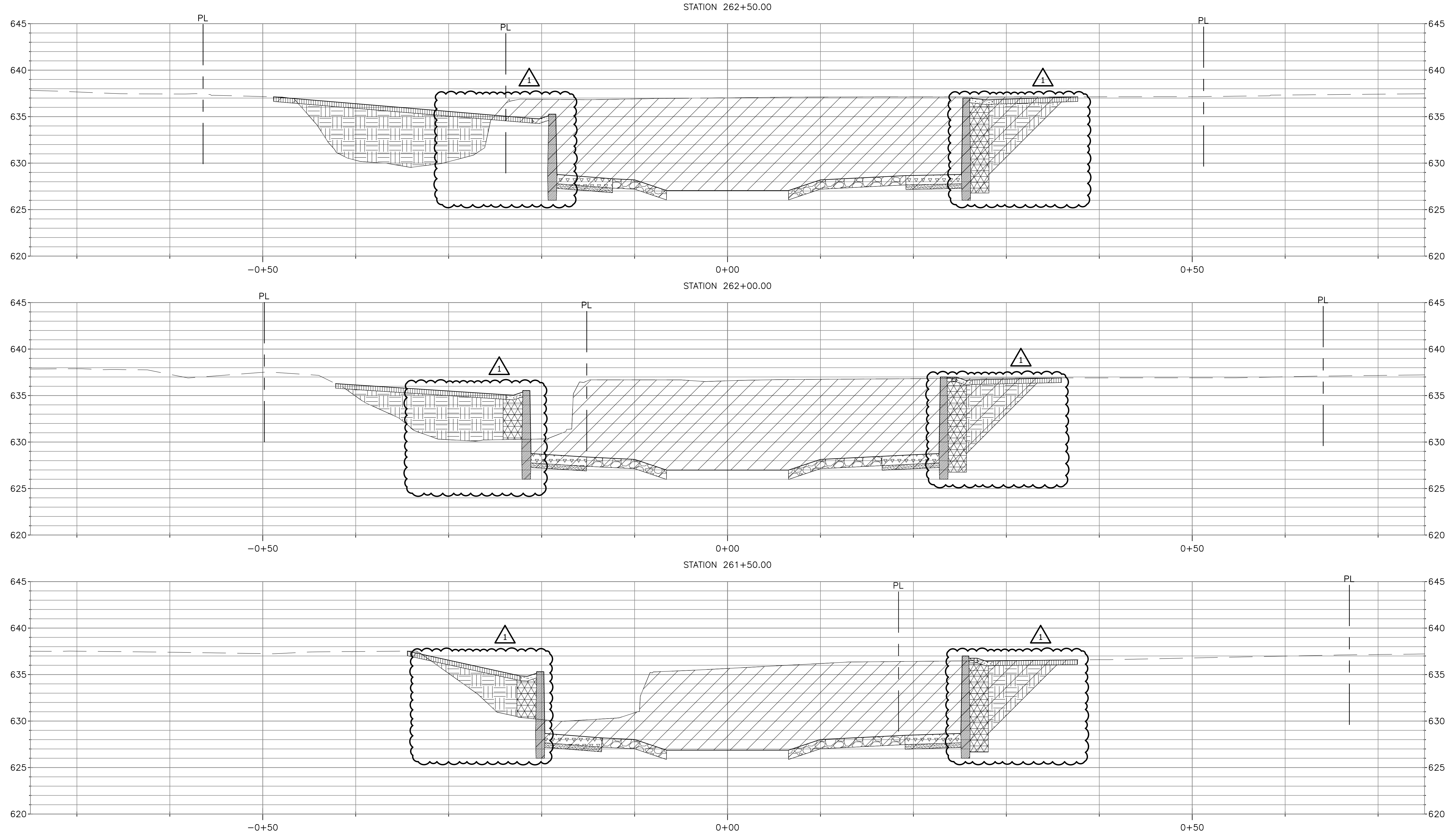
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TCT	JAW	2022
Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
STA. 264+00 TO STA. 263+00

Sheet Number:
CG-715
Page Number: 177

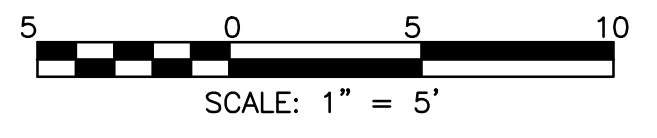
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGNER, PDBU
 LICENSE NO. 184002829

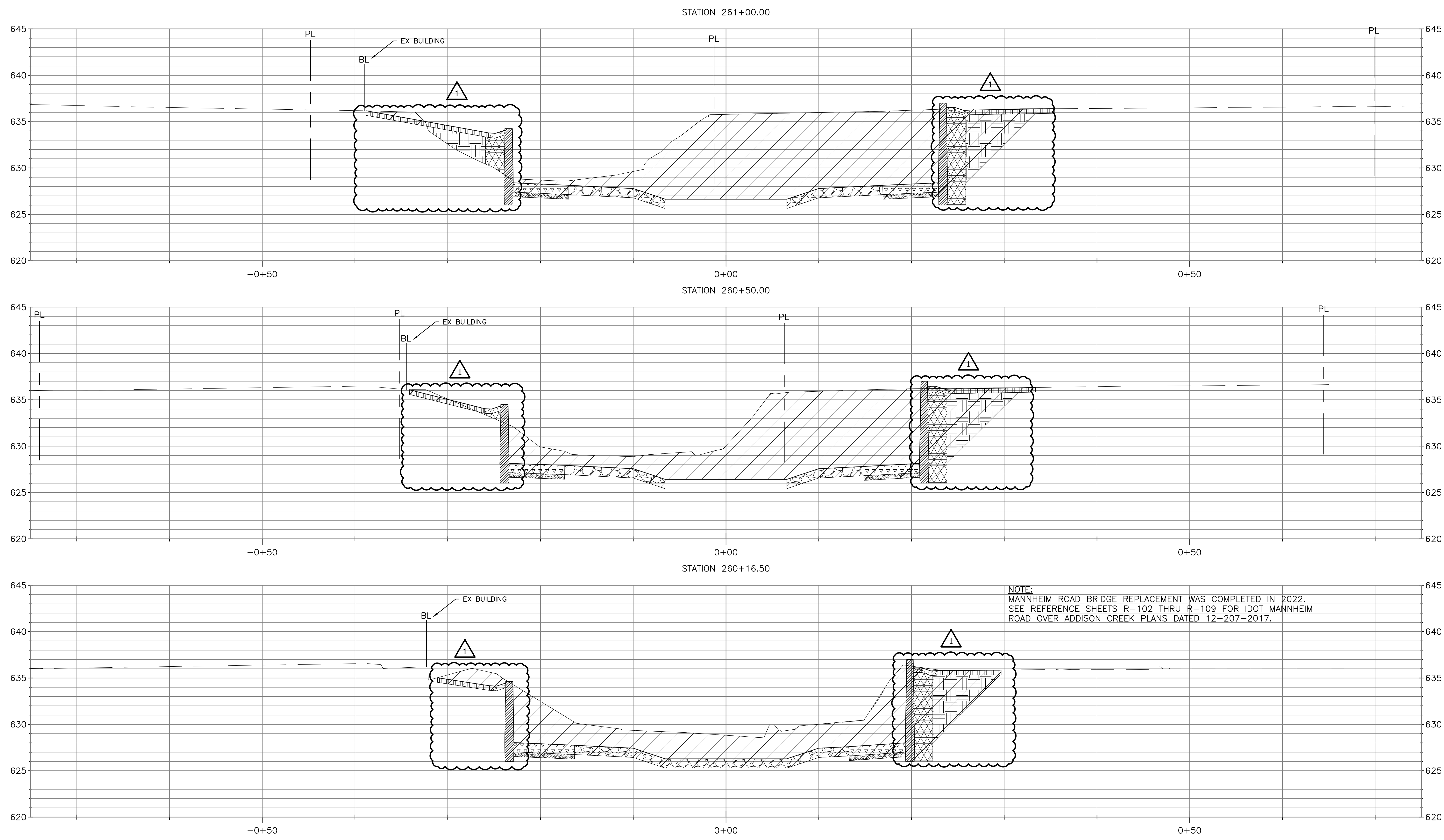
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
 STA. 262+50 TO STA. 261+50

Sheet Number:
CG-716
 Page Number: 178

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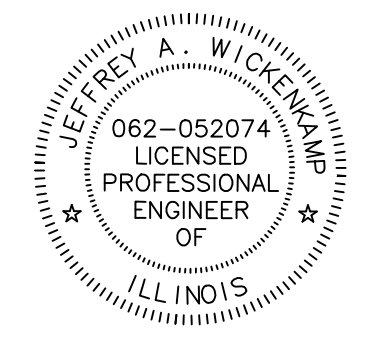
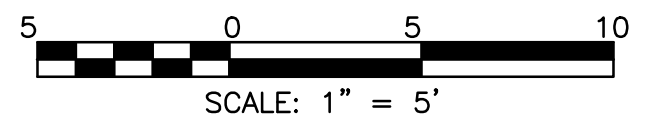


NOTE:
 MANNHEIM ROAD BRIDGE REPLACEMENT WAS COMPLETED IN 2022.
 SEE REFERENCE SHEETS R-102 THRU R-109 FOR IDOT MANNHEIM
 ROAD OVER ADDISON CREEK PLANS DATED 12-207-2017.

LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 Engineering, Ecology and Landscape Architecture
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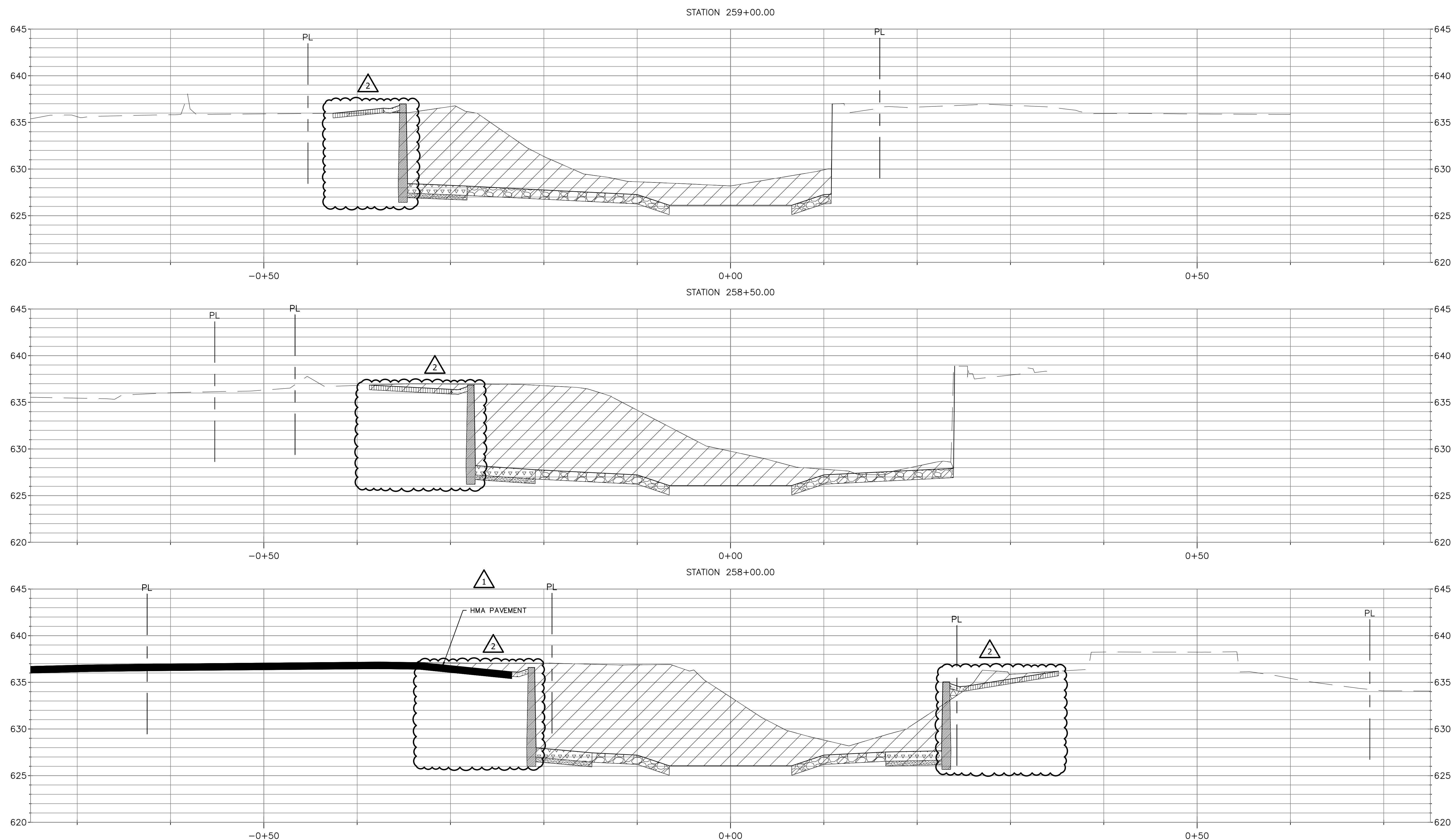
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 1
 STA. 261+00 TO STA. 260+15.87

Sheet Number:
CG-717
 Page Number: 179

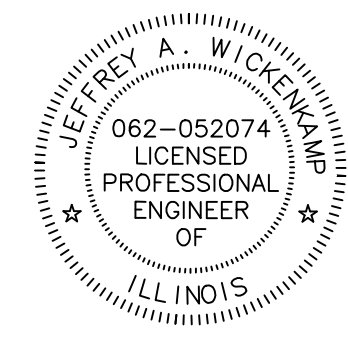
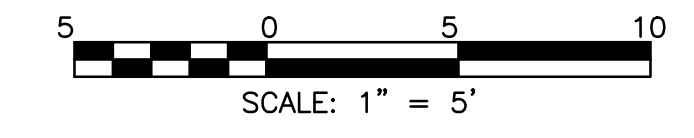
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/07/23

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
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OFFICE: (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM
PROFESSIONAL DESIGN FIRM
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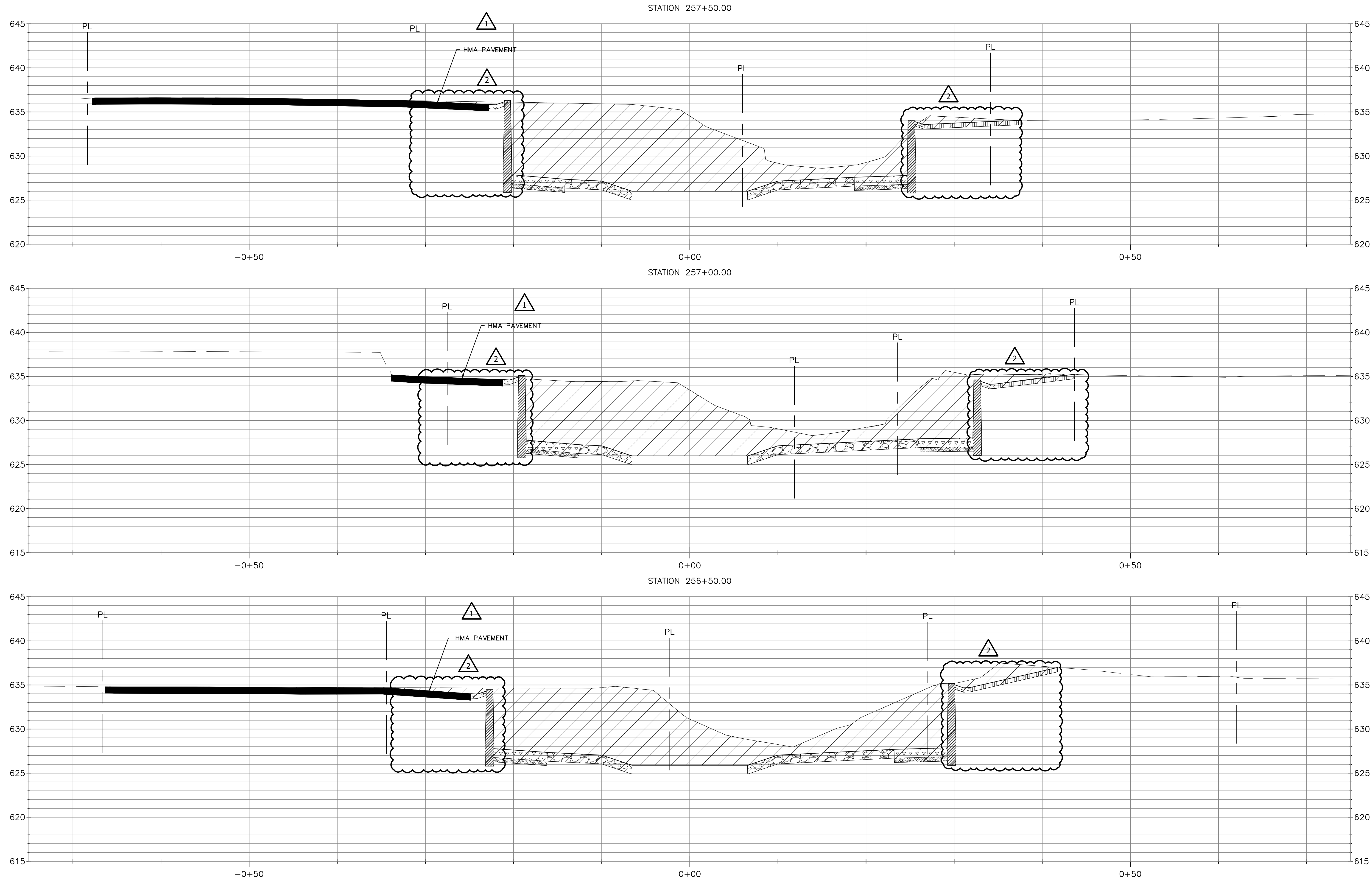
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
STA. 259+00 TO STA. 258+00

Sheet Number:
CG-719
Page Number: 181

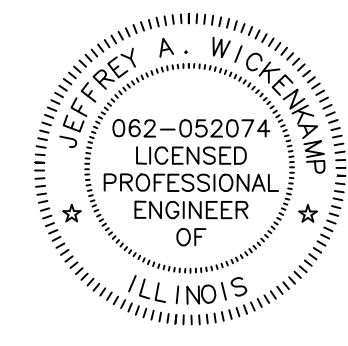
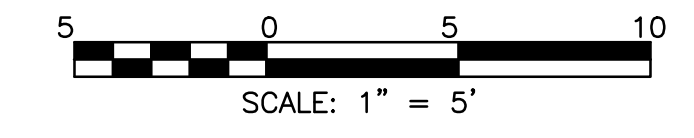
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

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 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM

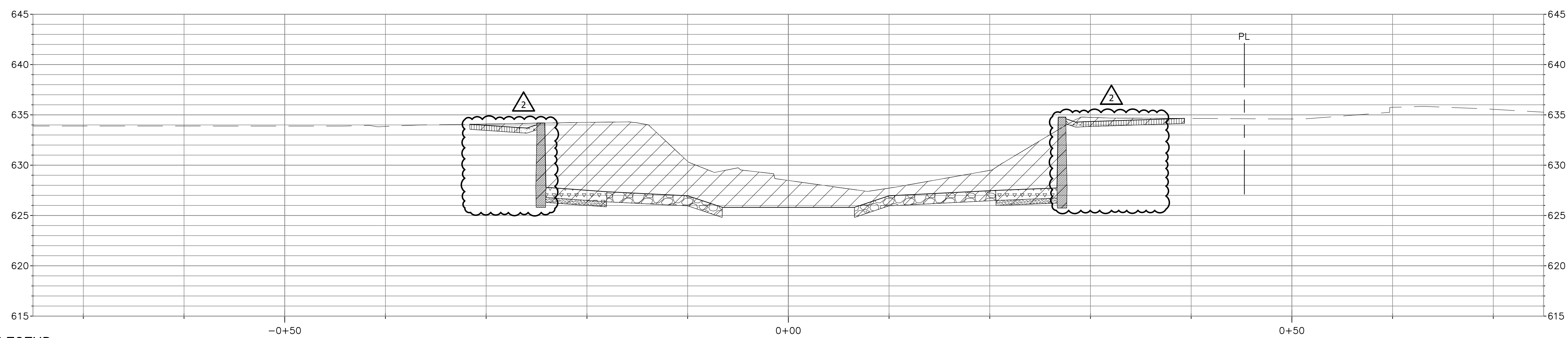
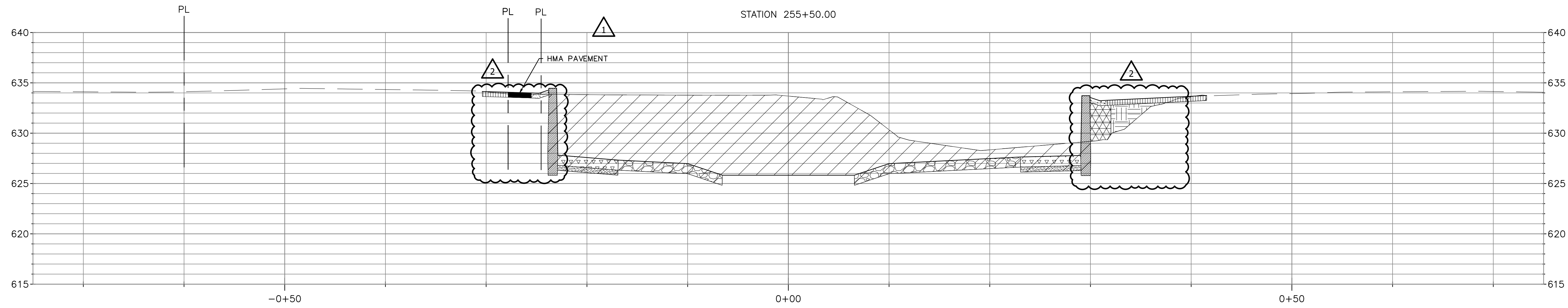
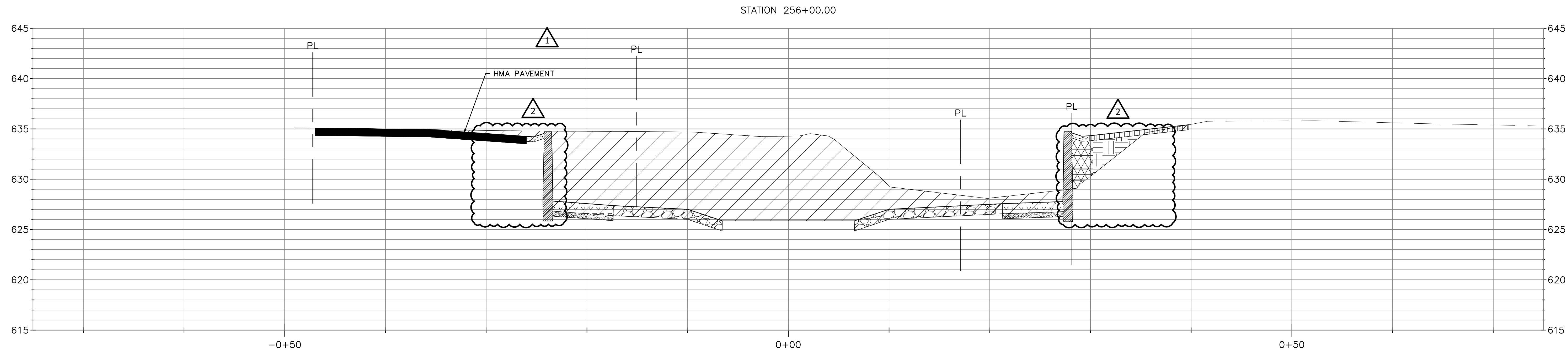
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 257+50 TO STA. 256+50

Sheet Number:
CG-720
 Page Number: 182

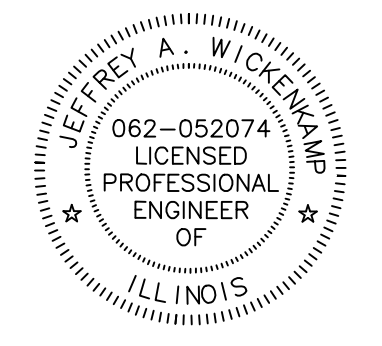
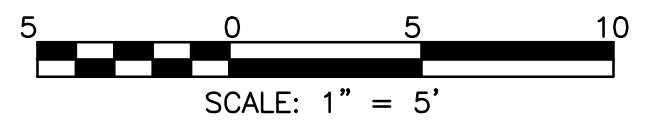
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 699-9200
 CHICAGO@HEYASAC.COM

Professional Design Firm
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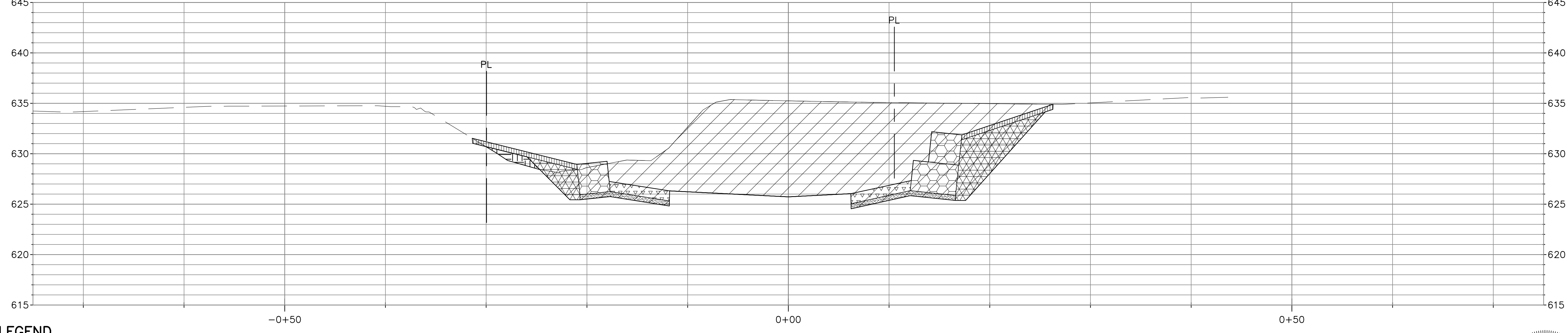
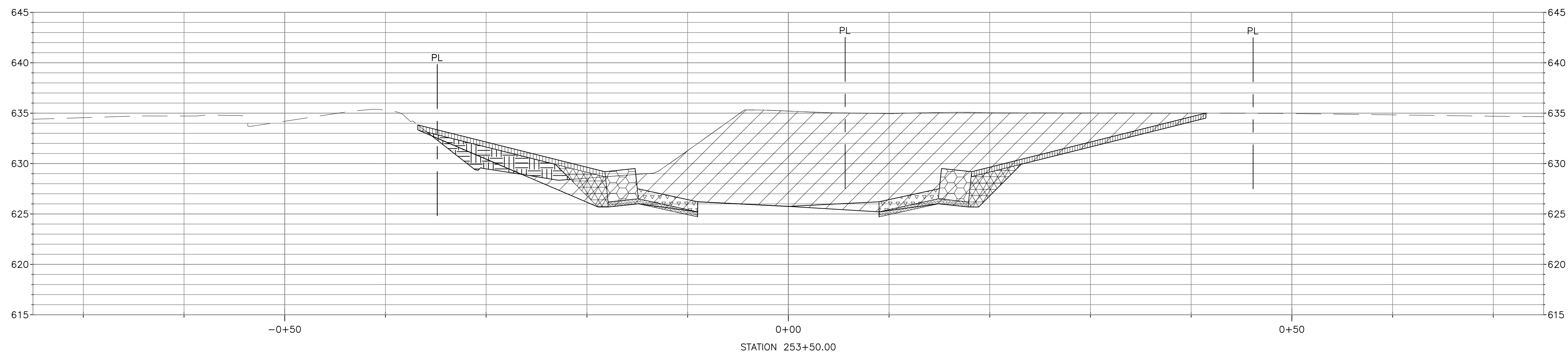
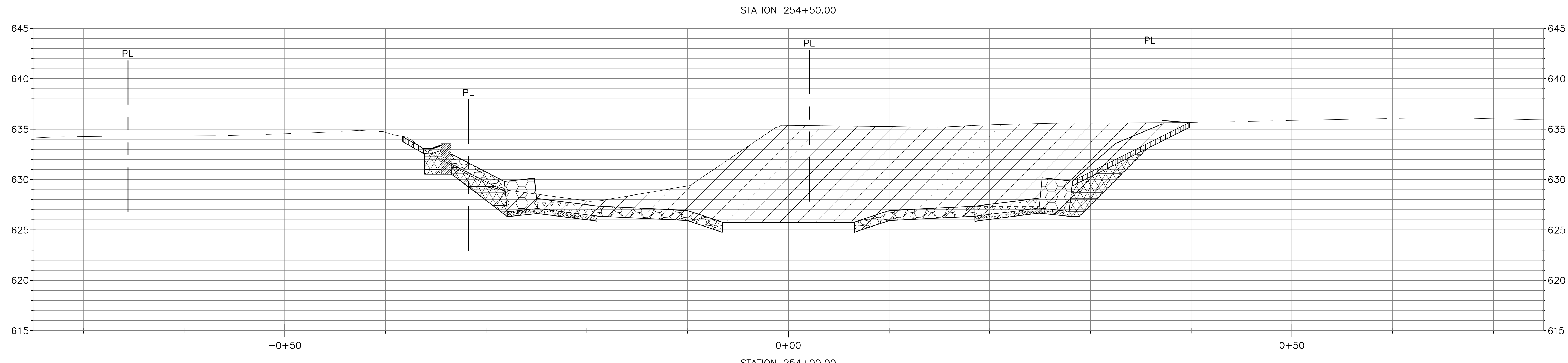
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 256+00 TO STA. 255+00

Sheet Number:
CG-721
 Page Number: 183

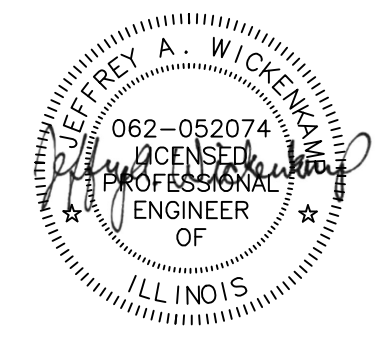
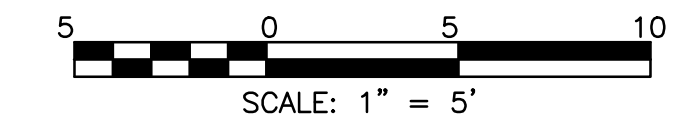
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

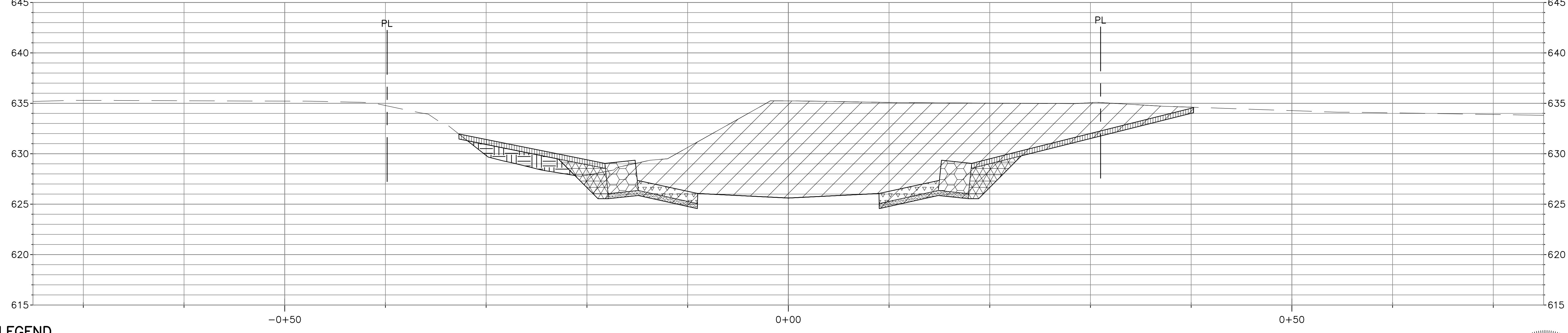
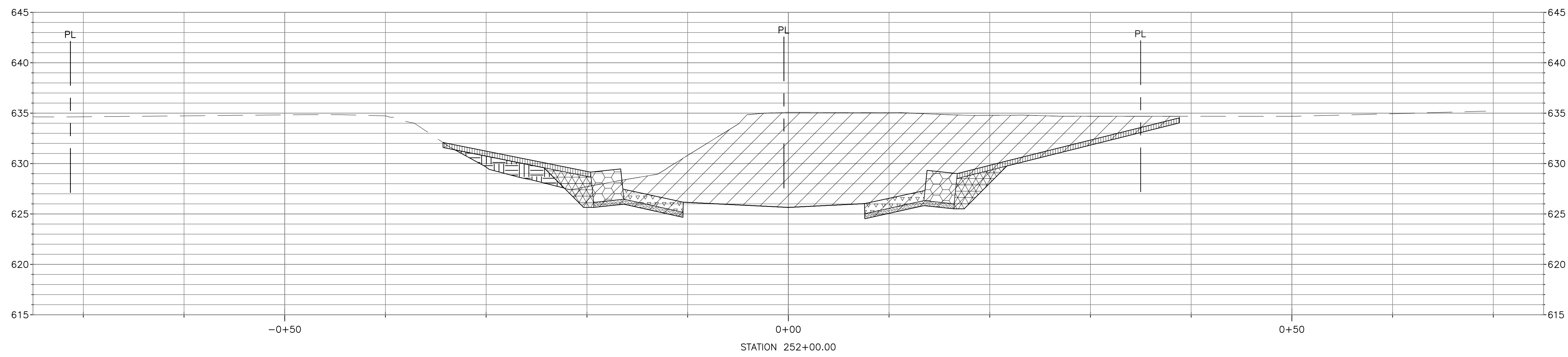
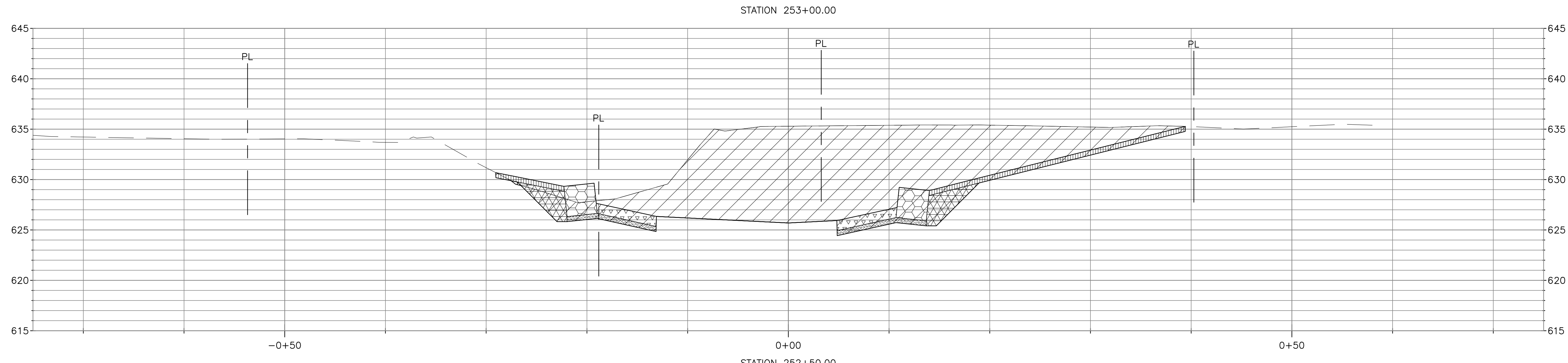
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 254+50 TO STA. 253+50

Sheet Number:
CG-722
 Page Number: 184

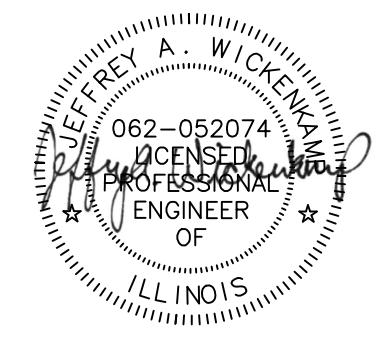
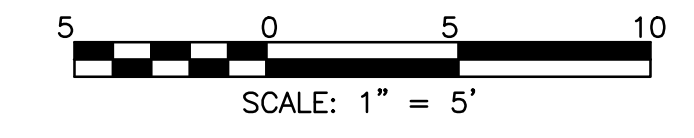
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRMS
 LICENSE NO. 184002829

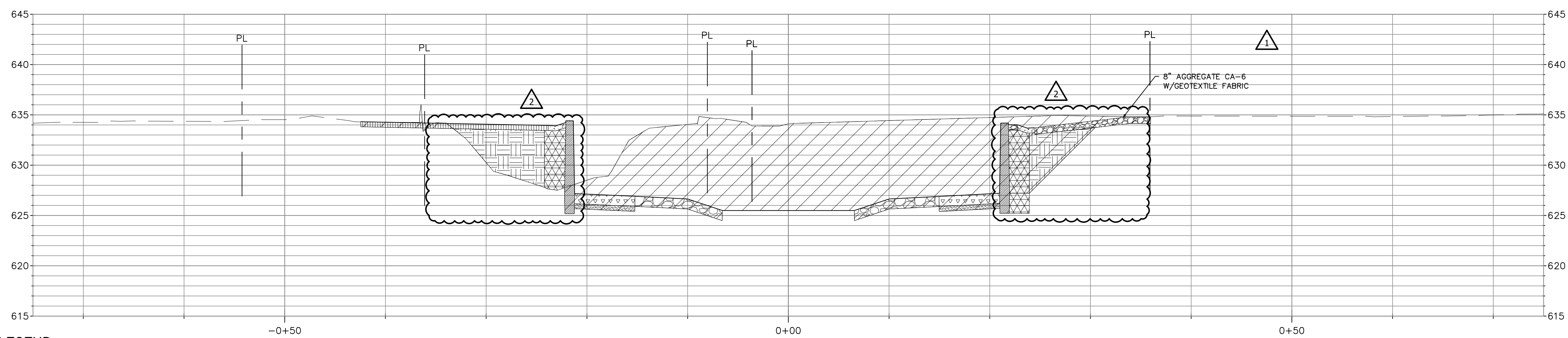
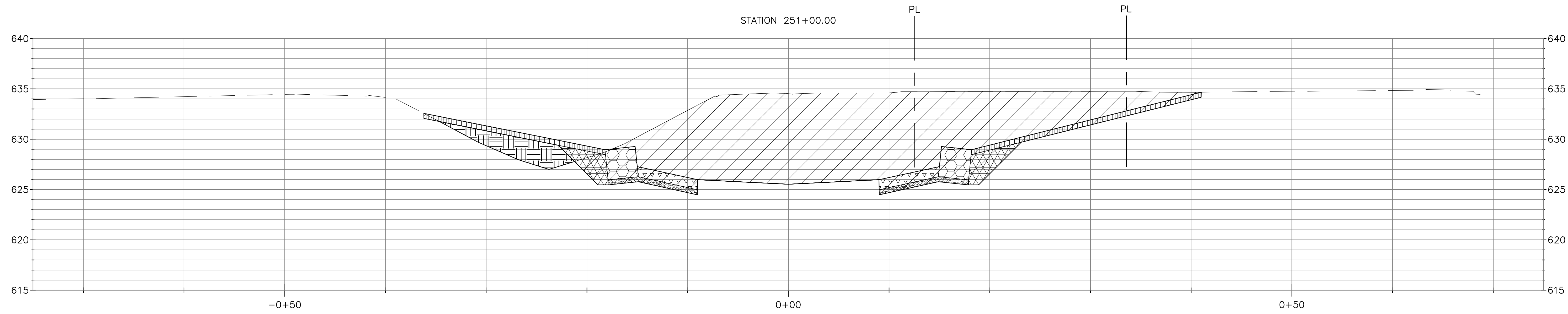
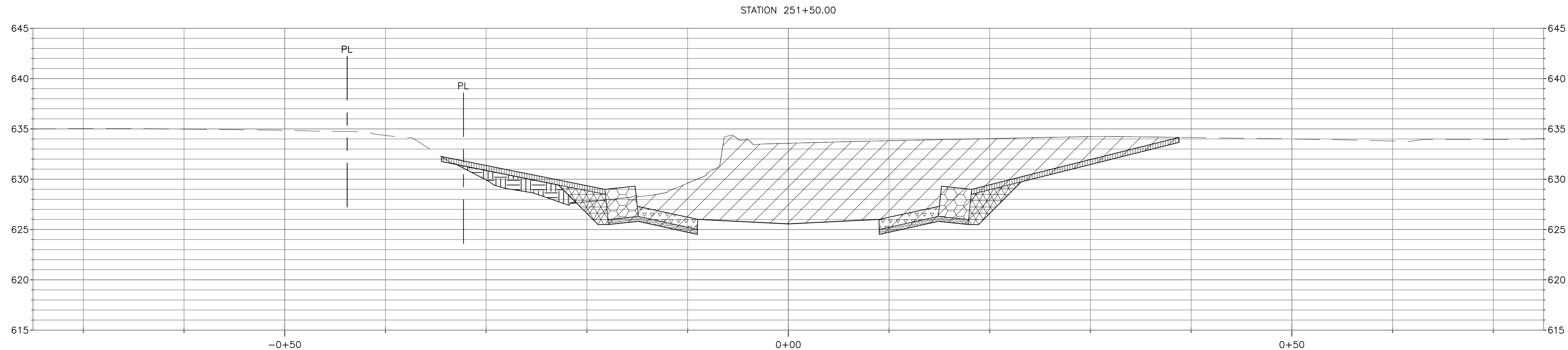
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 253+00 TO STA. 252+00

Sheet Number:
CG-723
 Page Number: 185

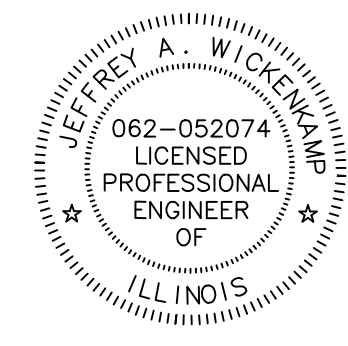
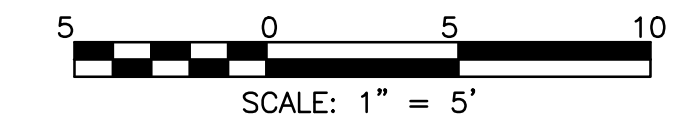
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

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 OFFICE: (773) 699-5200
 CHICAGO@HEYASAC.COM

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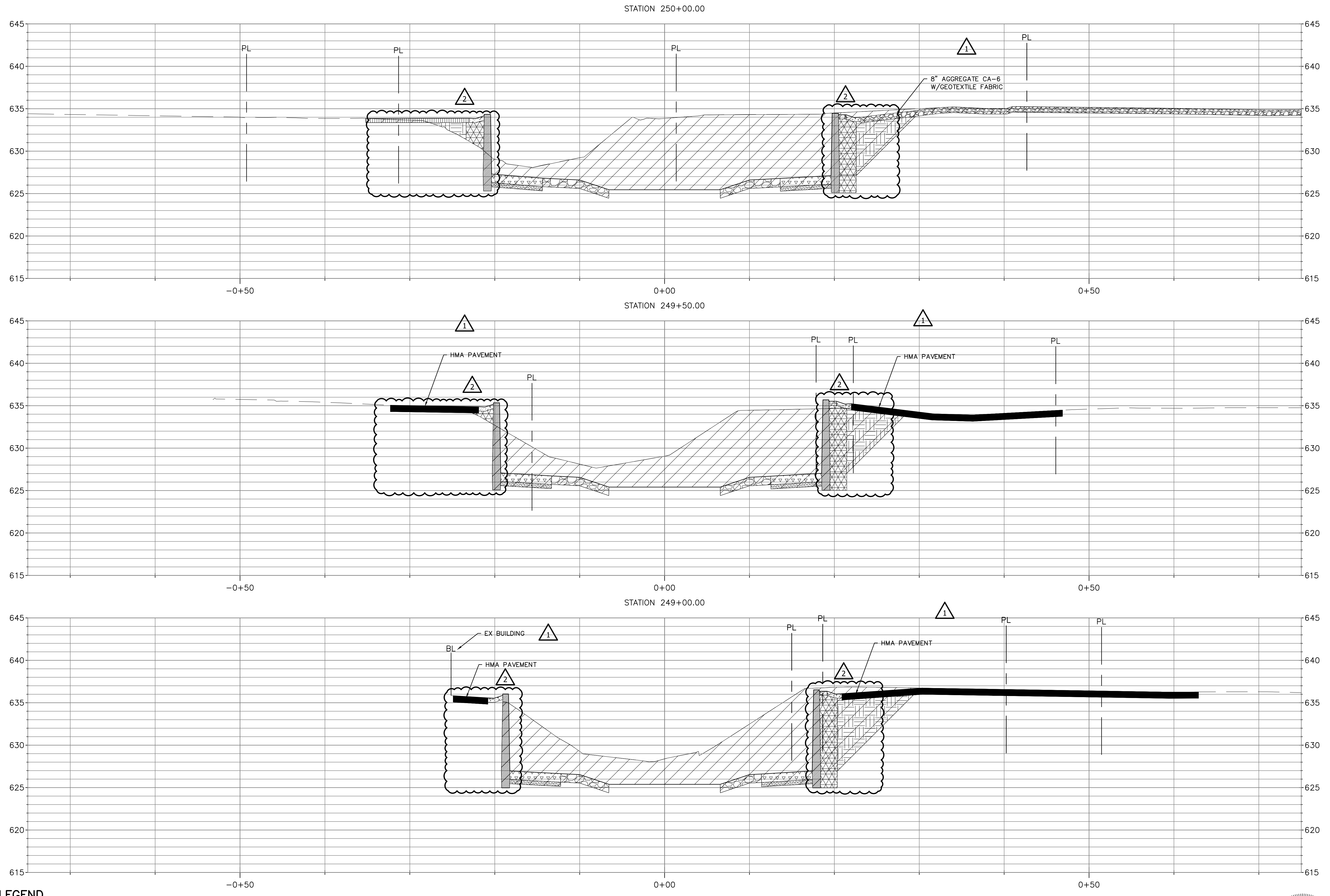
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 251+50 TO STA. 250+50

Sheet Number:
CG-724
 Page Number: 186

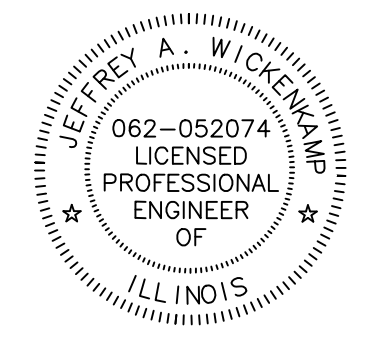
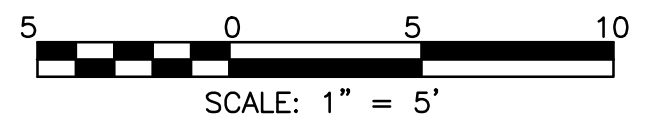
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184062B

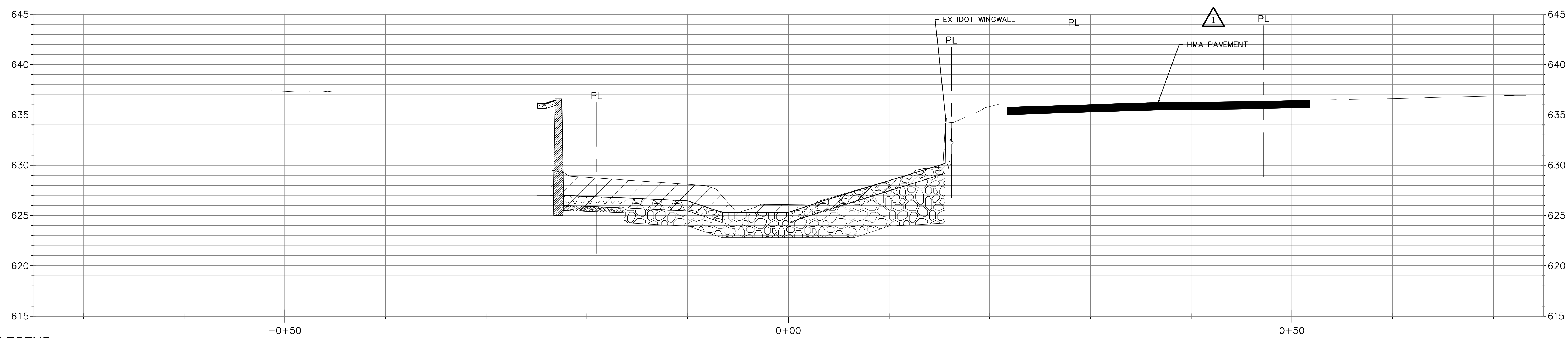
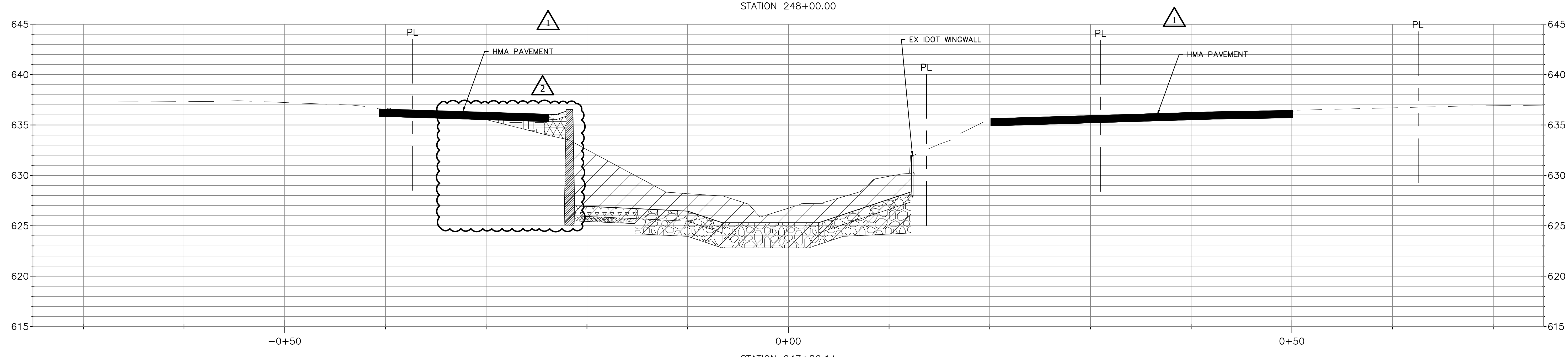
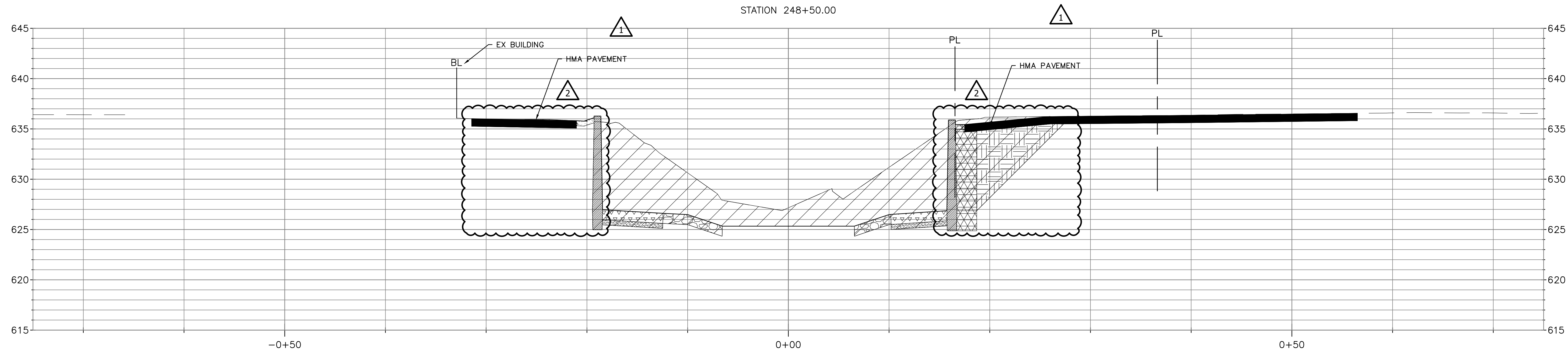
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 250+00 TO STA. 249+00

Sheet Number:
CG-725
 Page Number: 187

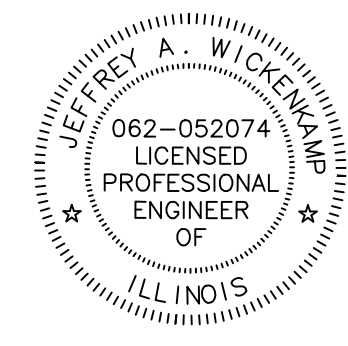
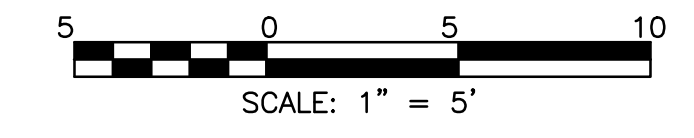
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 699-9200
 CHICAGO@HEYASAC.COM

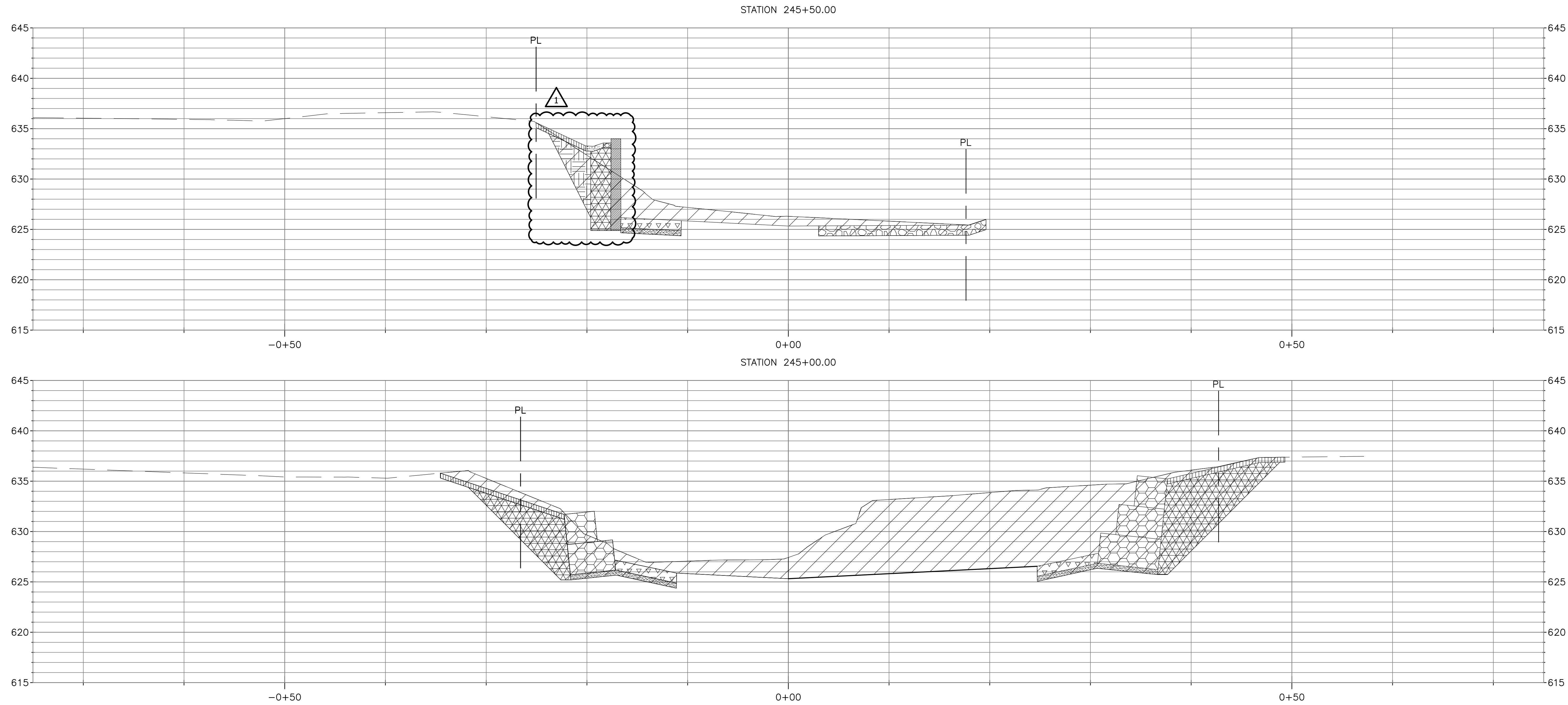
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Correct:		

PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400287

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 2
 STA. 248+50 TO STA. 247+86.14

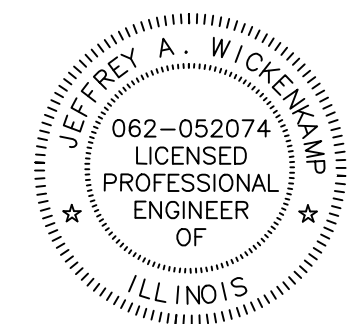
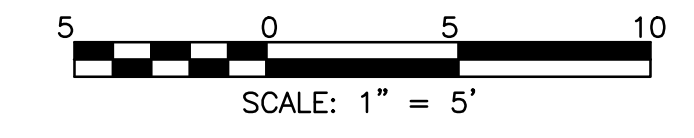
Sheet Number:
CG-726
 Page Number: 188



LEGEND

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| | FILL | | SOLDIER PILE WALL | | GABION MATTRESS | | BOULDER TOE |
| | TOPSOIL | | TYPE "B" GUTTER | | BEDDING STONE | | PROPERTY LINE (PL) |

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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Correct:		

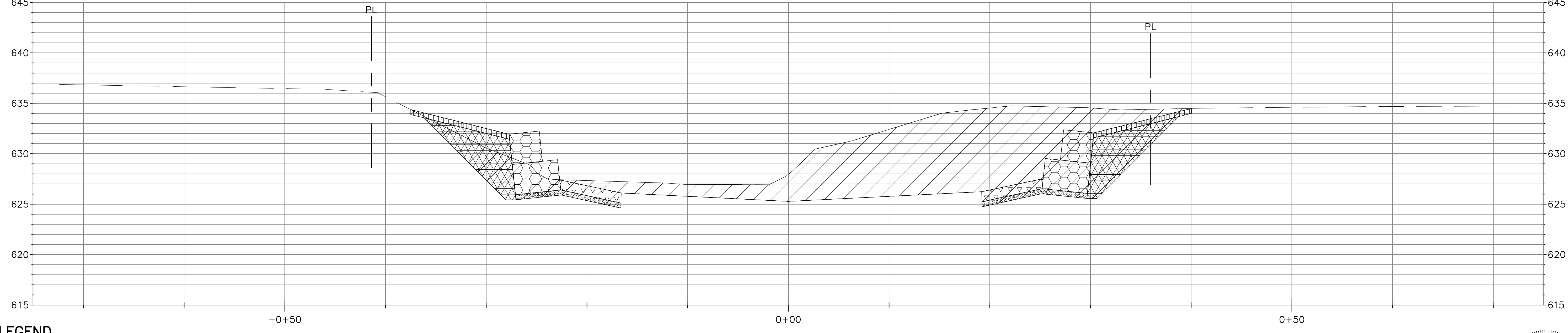
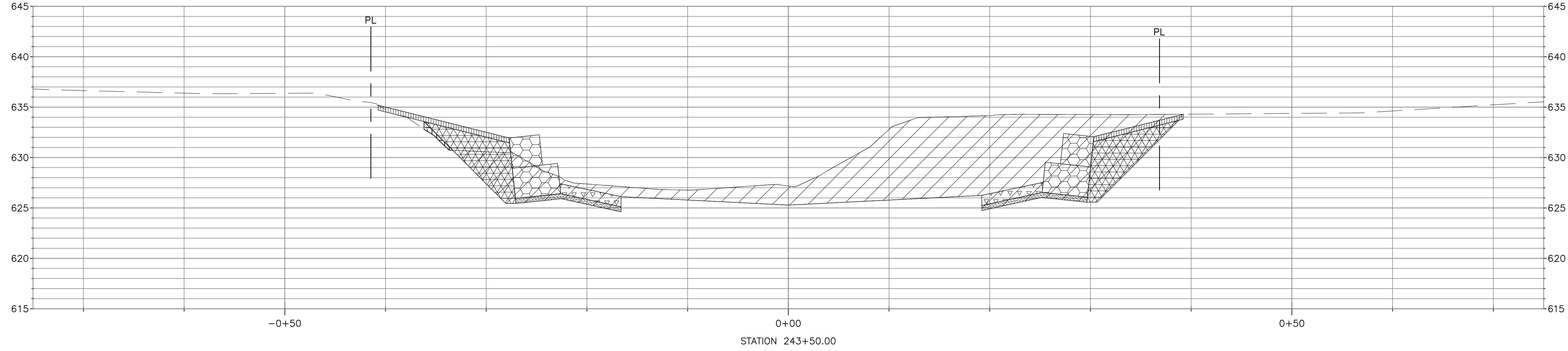
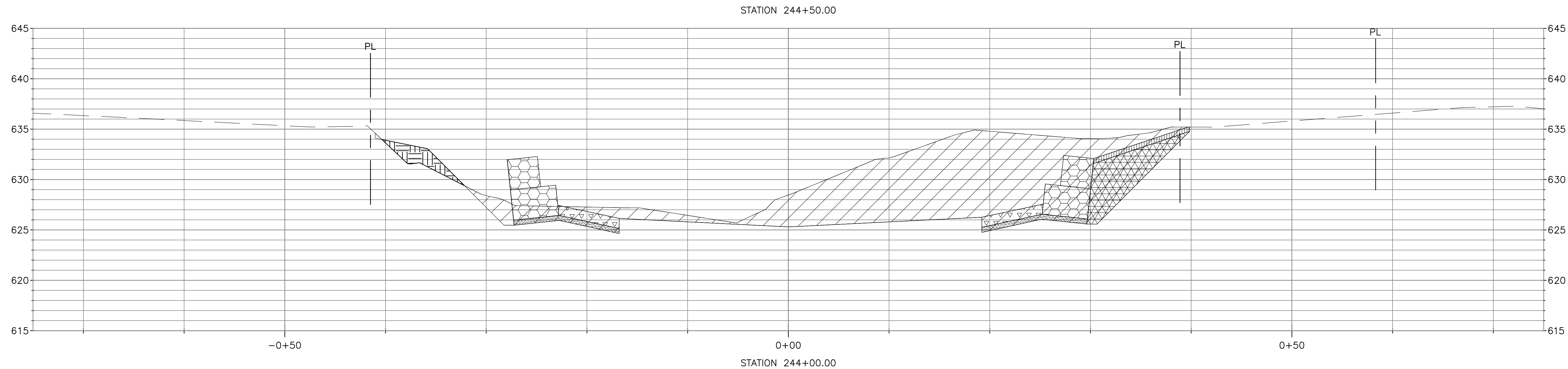
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400429

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 245+50 TO STA. 245+00

Sheet Number:
CG-727
 Page Number: 189

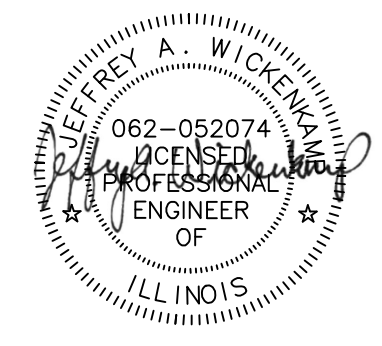
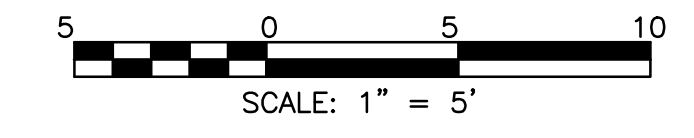
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 PLOT DATE: 10/13/2022 2:29 PM PLOTTED BY: KYLE SOLNER



LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

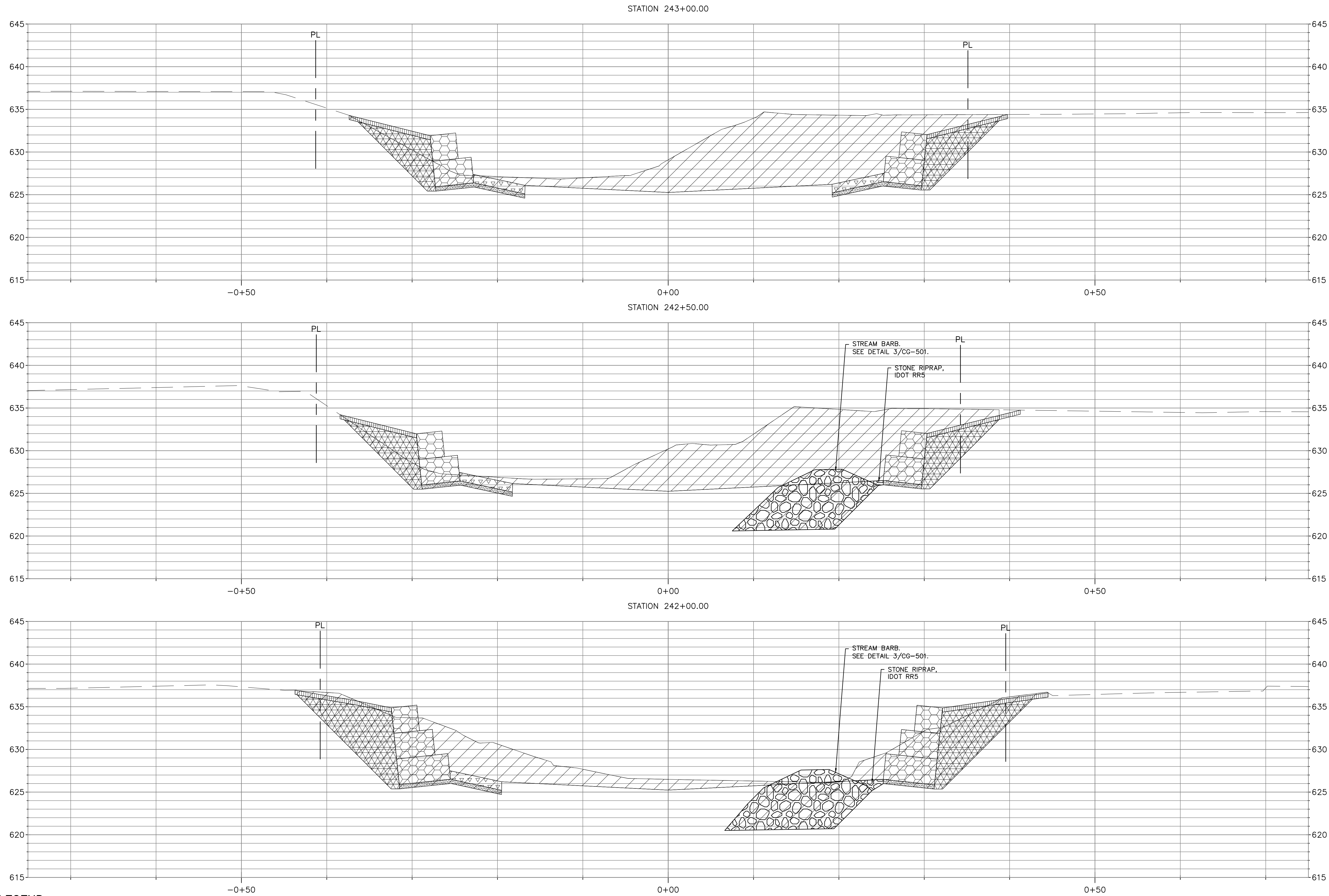
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 244+50 TO STA. 243+50

Sheet Number:
CG-728
 Page Number: 190

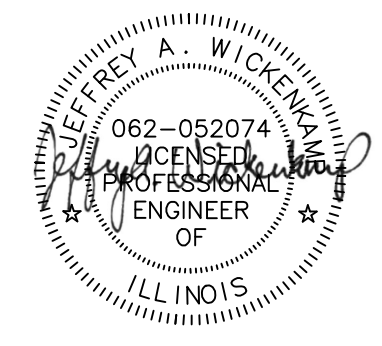
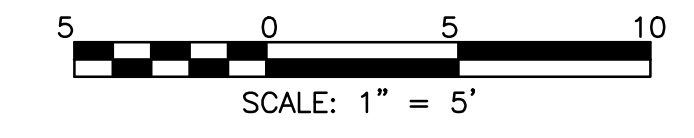
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 PLOT DATE: 10/13/2022 2:39 PM PLOTTED BY: KYLE SOLNER



LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

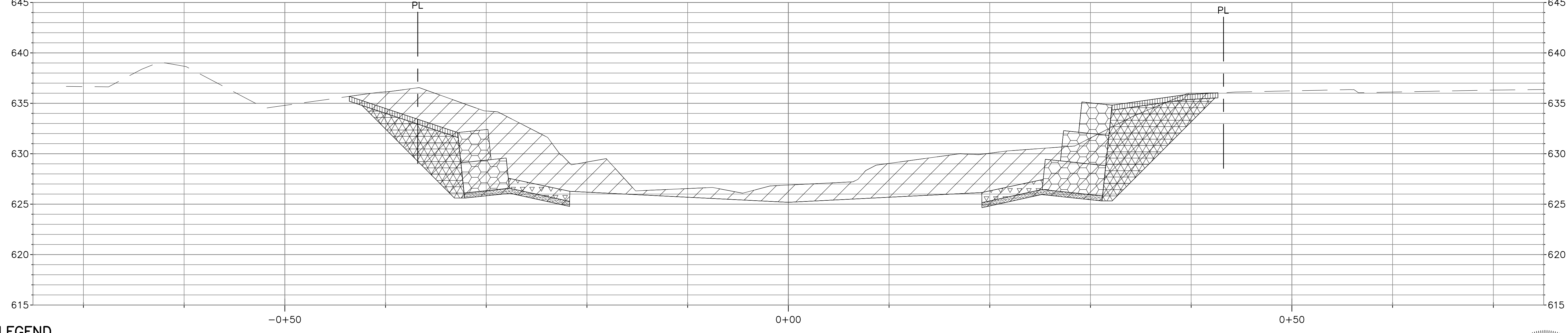
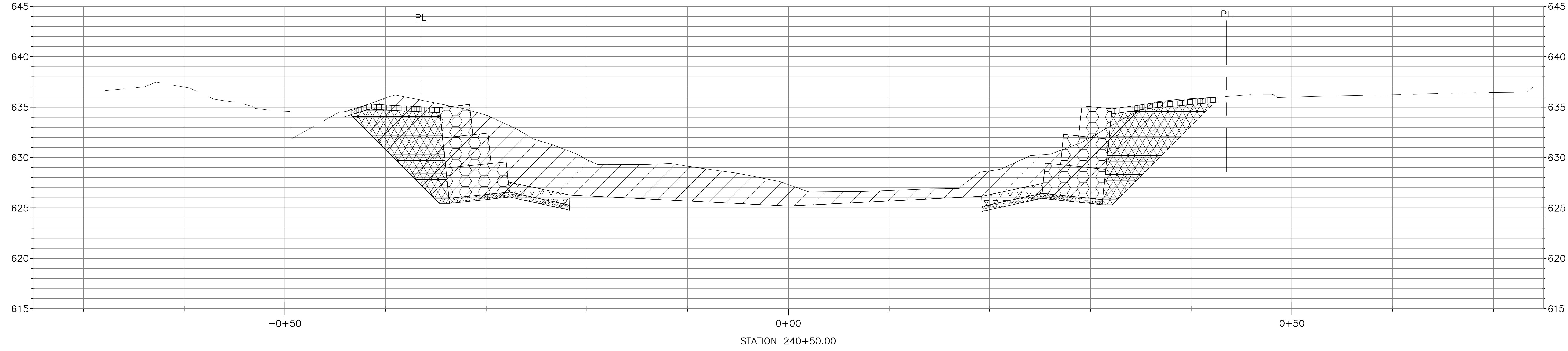
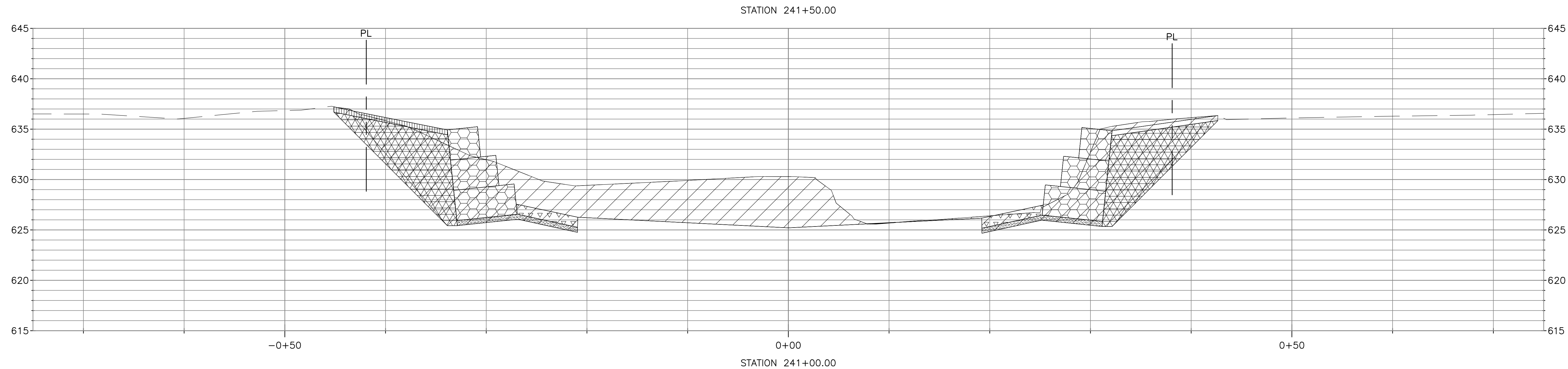
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 243+00 TO STA. 242+00

Sheet Number:
CG-729
 Page Number: 191

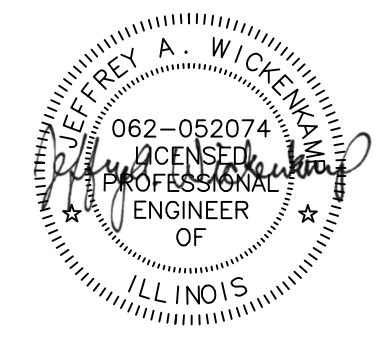
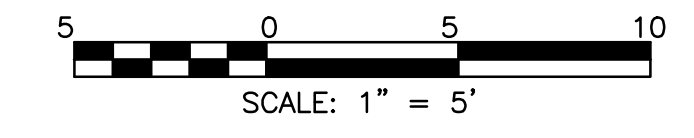
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 PLOT DATE: 10/13/2022 2:45 PM PLOTTED BY: KYLE SOLNER



LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400229

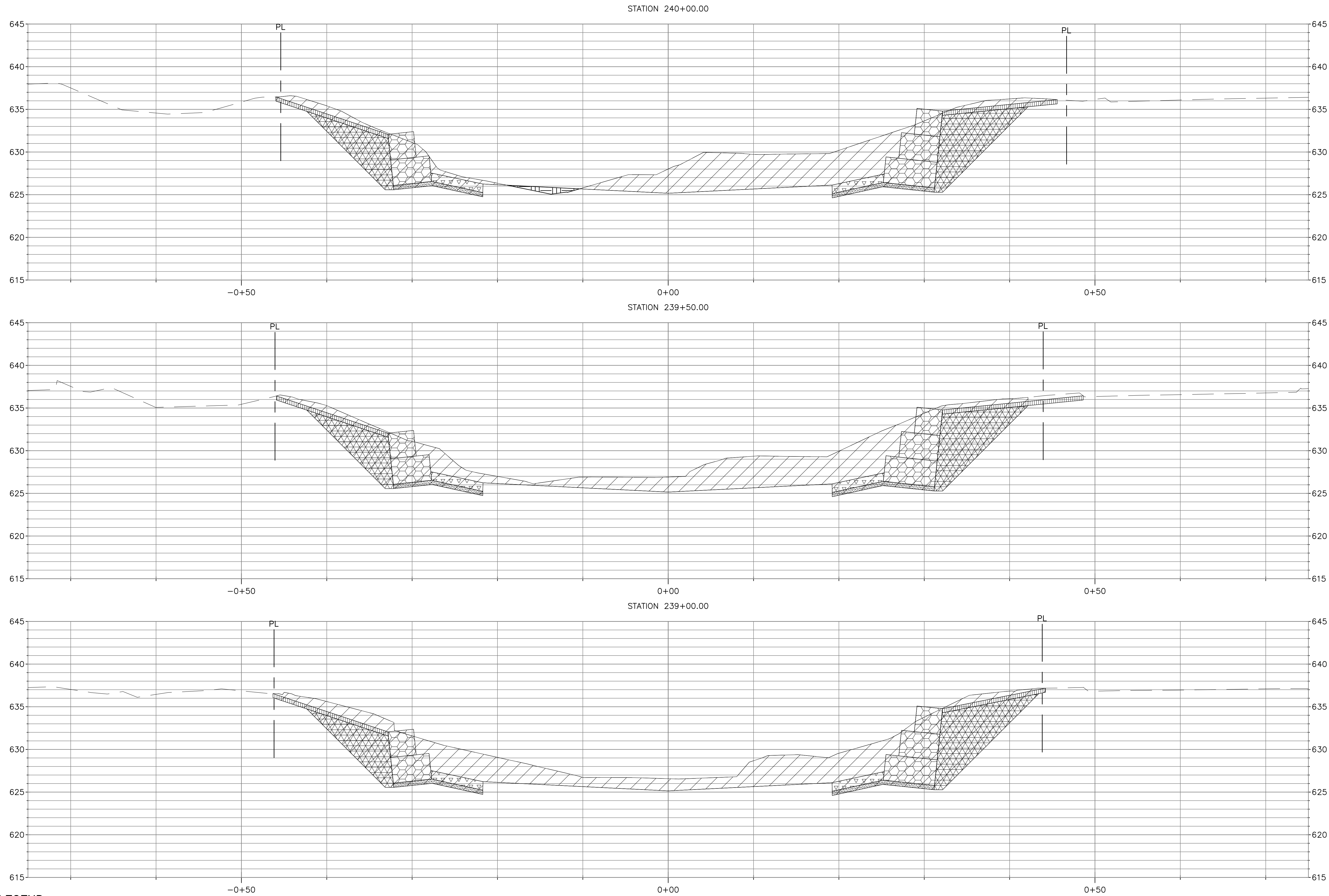
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 241+50 TO STA. 240+50

Sheet Number:
CG-730
 Page Number: 192

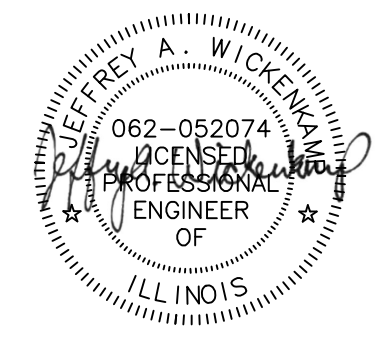
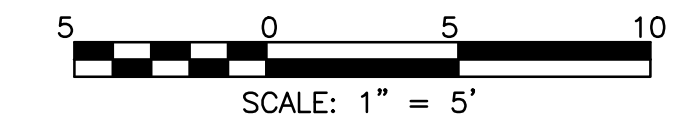
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 PLOT DATE: 10/13/2022 2:46 PM PLOTTED BY: KYLE SOLNER



LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HEGAN ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184042B

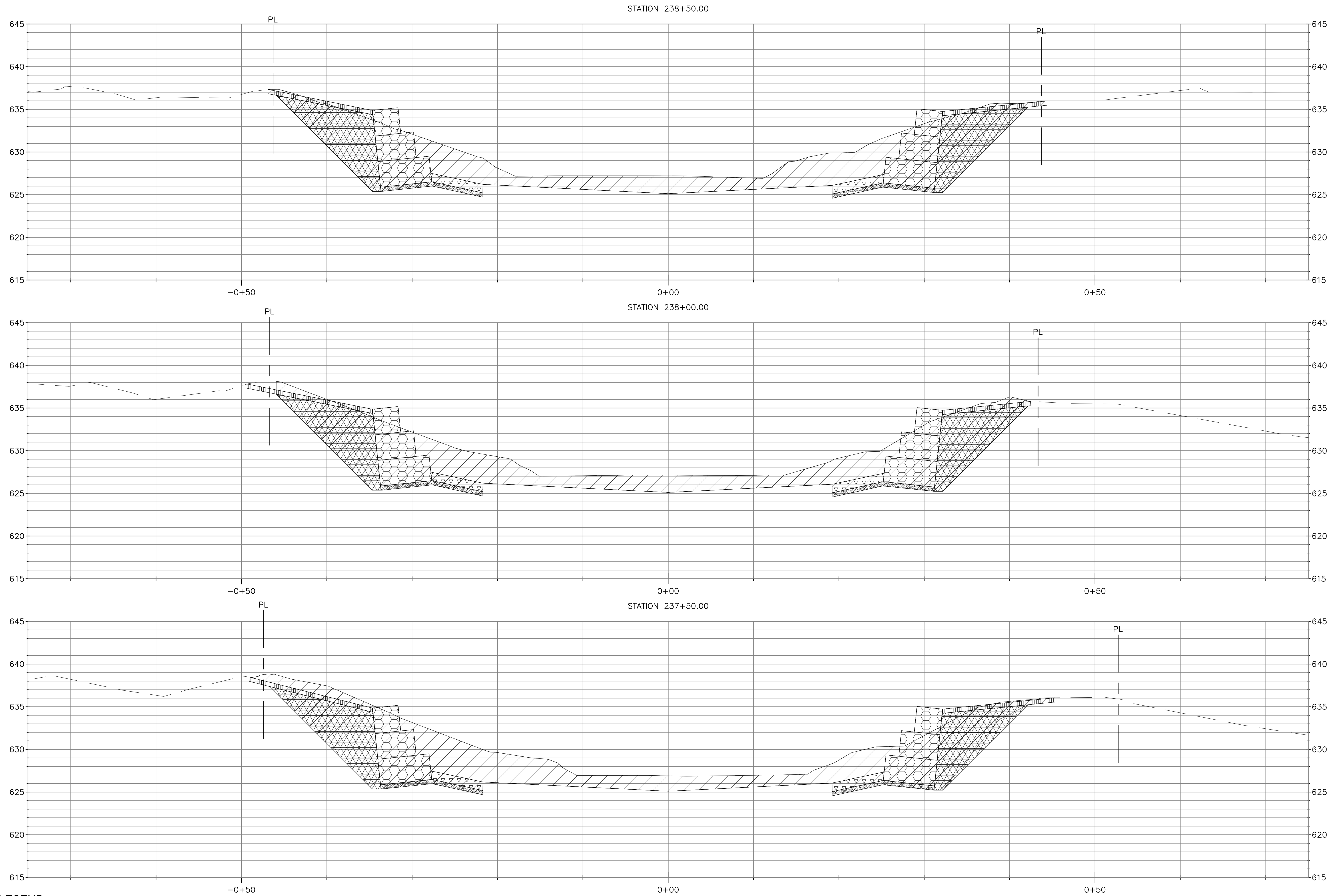
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 240+00 TO STA. 239+00

Sheet Number:
CG-731
 Page Number: 193

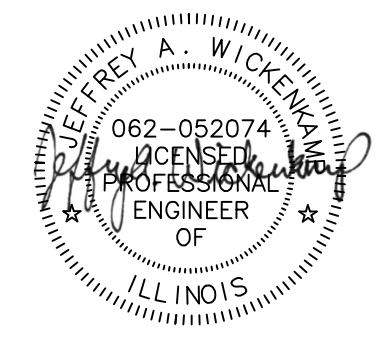
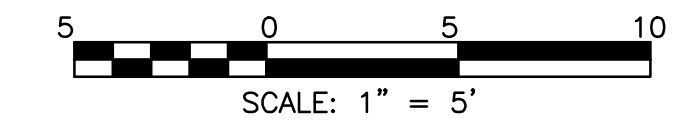
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400229

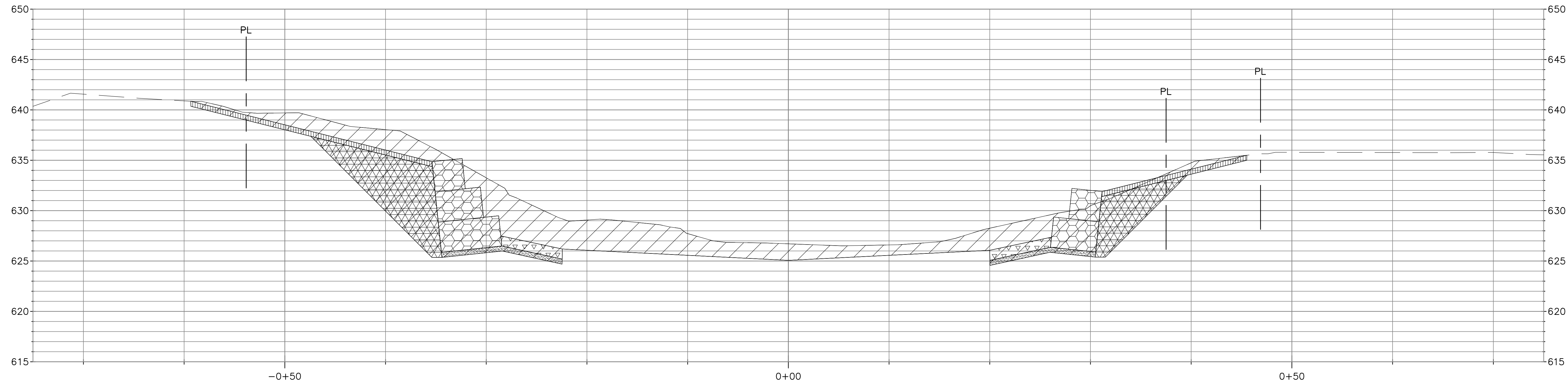
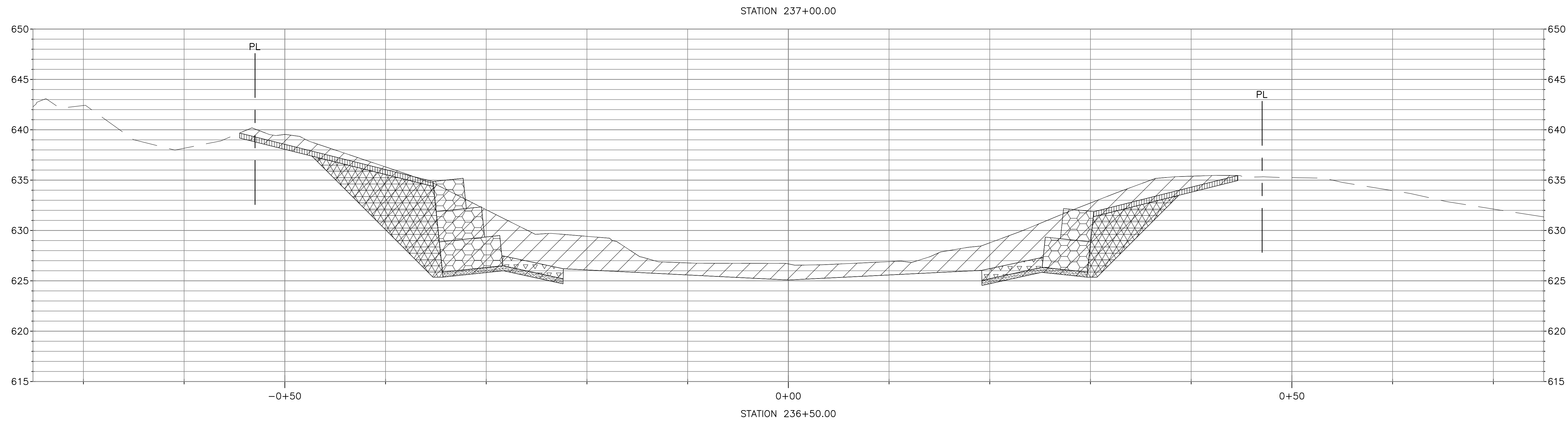
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 238+50 TO STA. 237+50

Sheet Number:
CG-732
 Page Number: 194

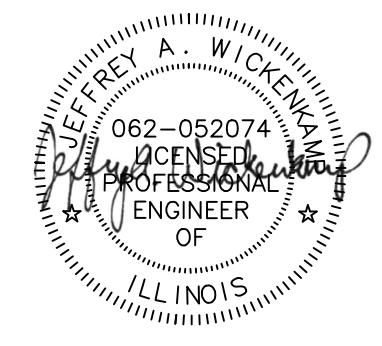
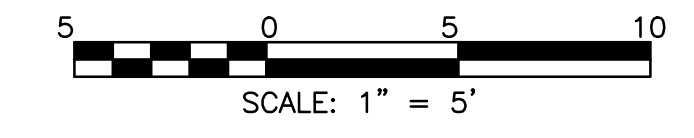
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASKE.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400229

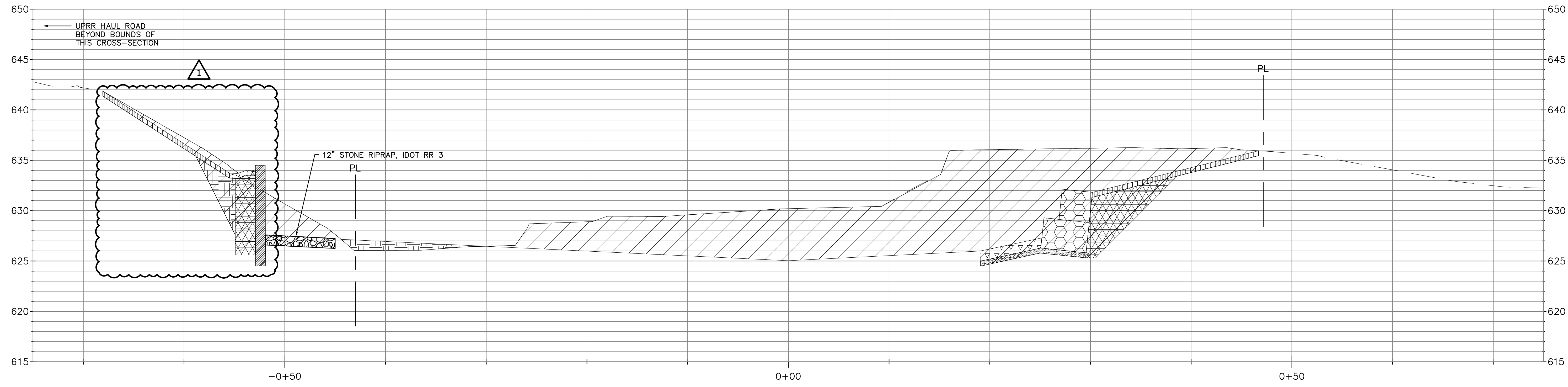
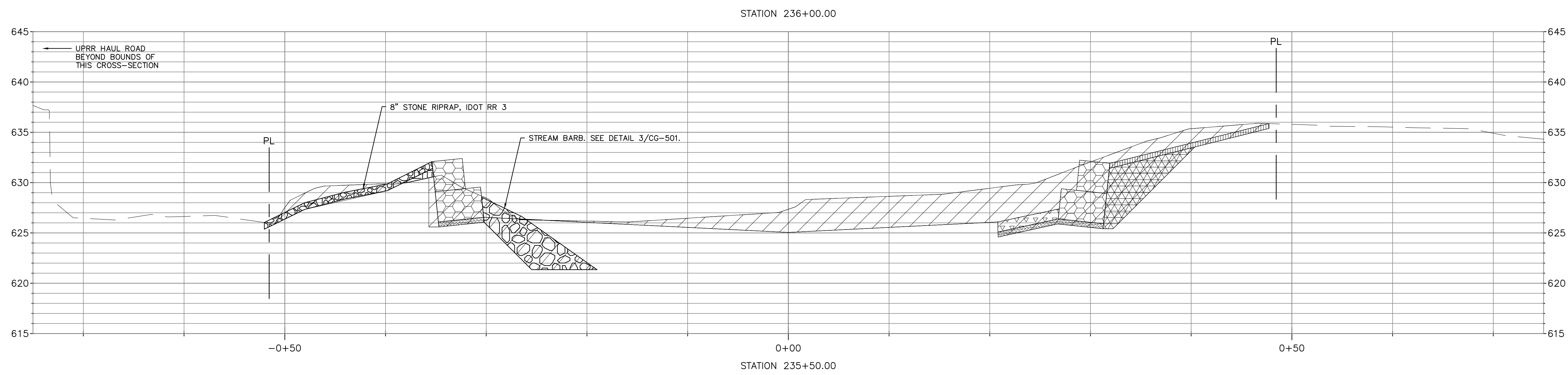
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 237+00 TO STA. 236+50

Sheet Number:
CG-733
 Page Number: 195

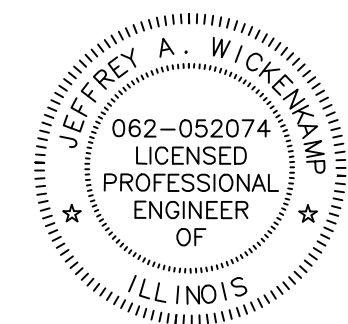
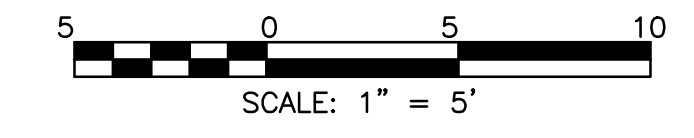
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

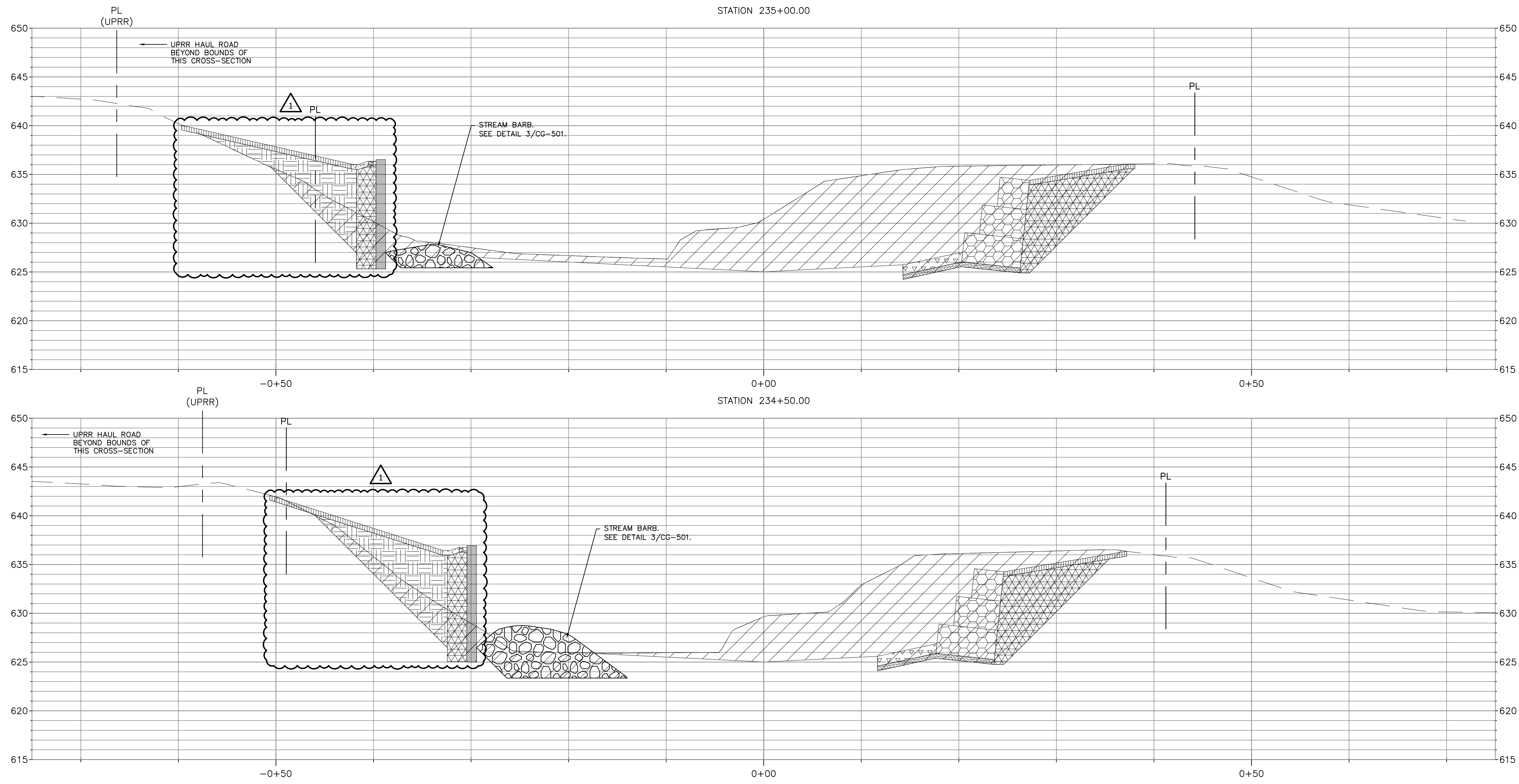
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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE: (773) 696-9200
CHICAGO@HEYANSGE.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184002829

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

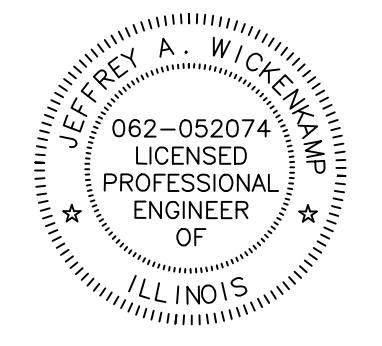
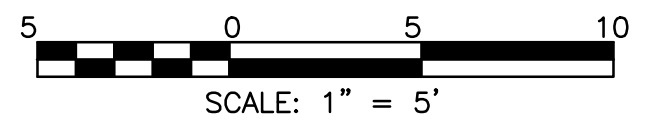
CHANNEL CROSS SECTION - REACH 3
STA. 236+00 STA. 235+50

Sheet Number:
CG-734
Page Number: 196



LEGEND			
	CUT		STONE RIPRAP
	FILL		GRANULAR BACKFILL
	TOPSOIL		SOLDIER PILE WALL
	BEDDING STONE		GABION MATTRESS
	TYPE "B" GUTTER		GABION BASKET
			BOULDER TOE
			PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYANDASSOCIATES.COM

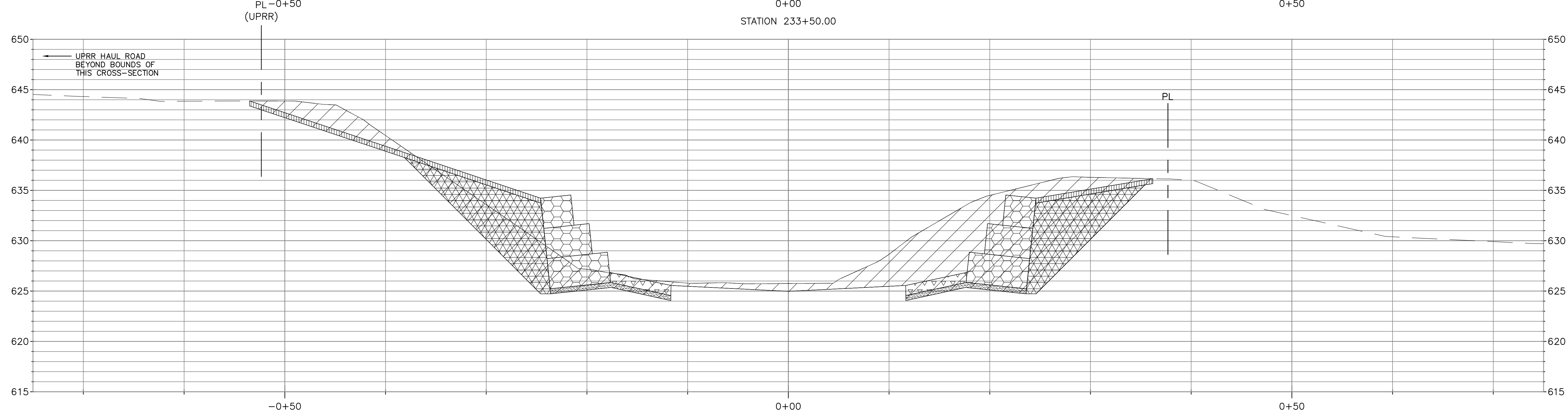
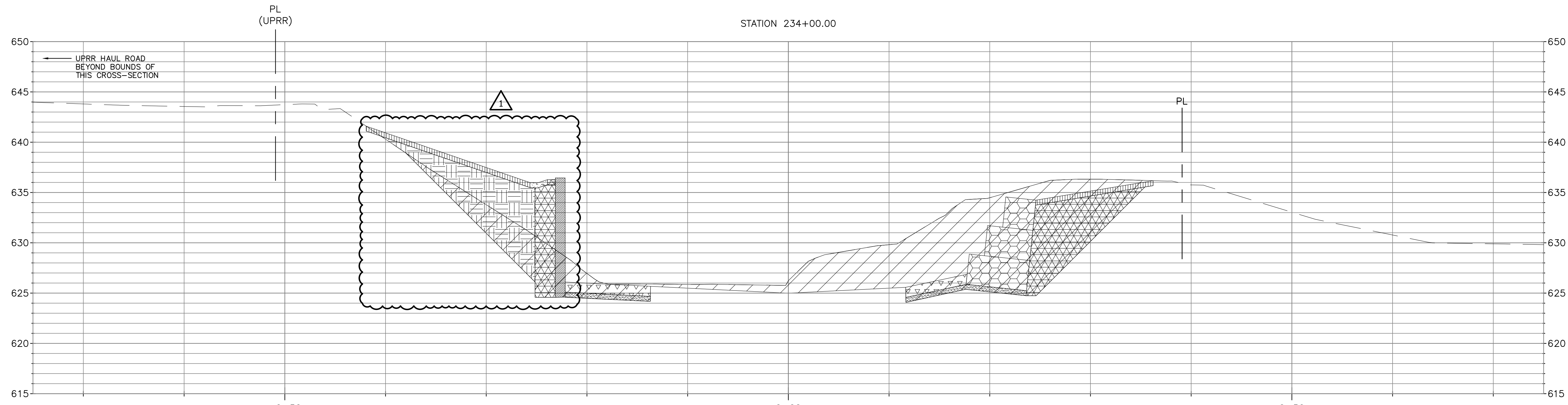
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Correct:					

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 235+00 TO STA. 234+50

Sheet Number:
CG-735
Page Number: 197

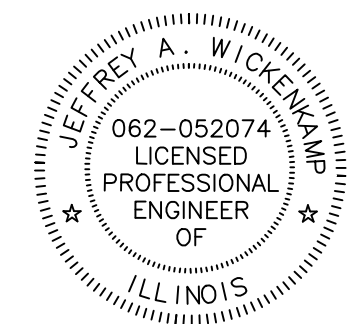
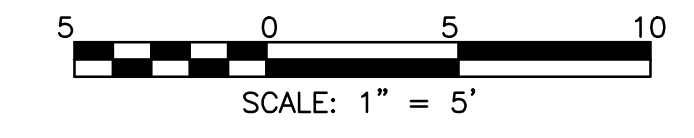
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO			
Designed by: KSS	Checked by: PML	Scale: AS SHOWN	Hey and Associates, Inc. Engineering, Ecology and Landscape Architecture CHICAGO, ILLINOIS 60631 OFFICE: (773) 695-9200 CHICAGO@HEYAN.COM LICENSE NO. 184002829
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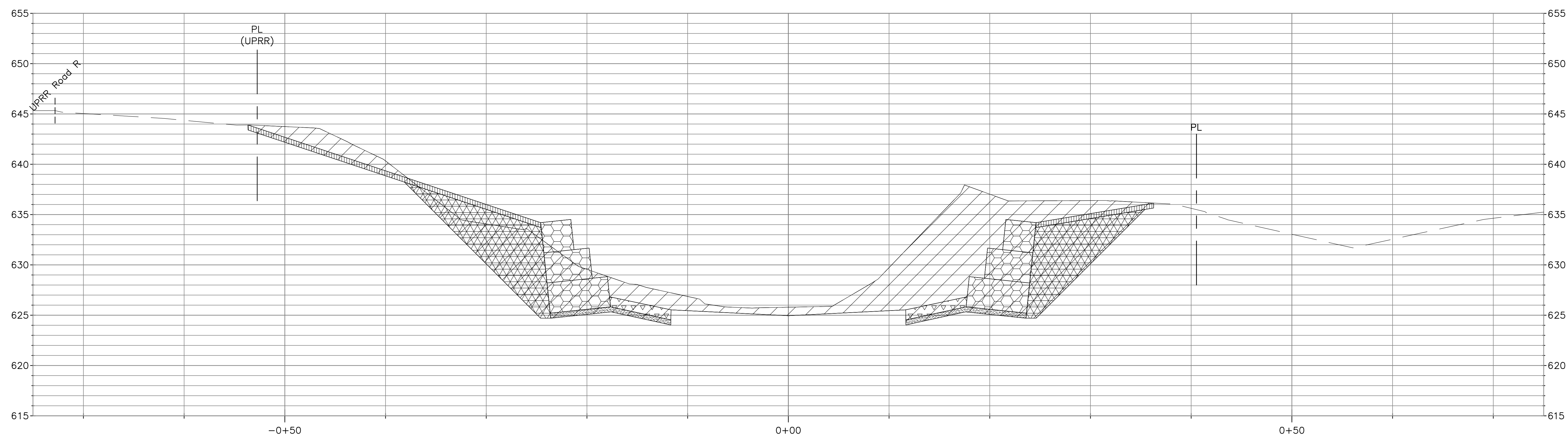
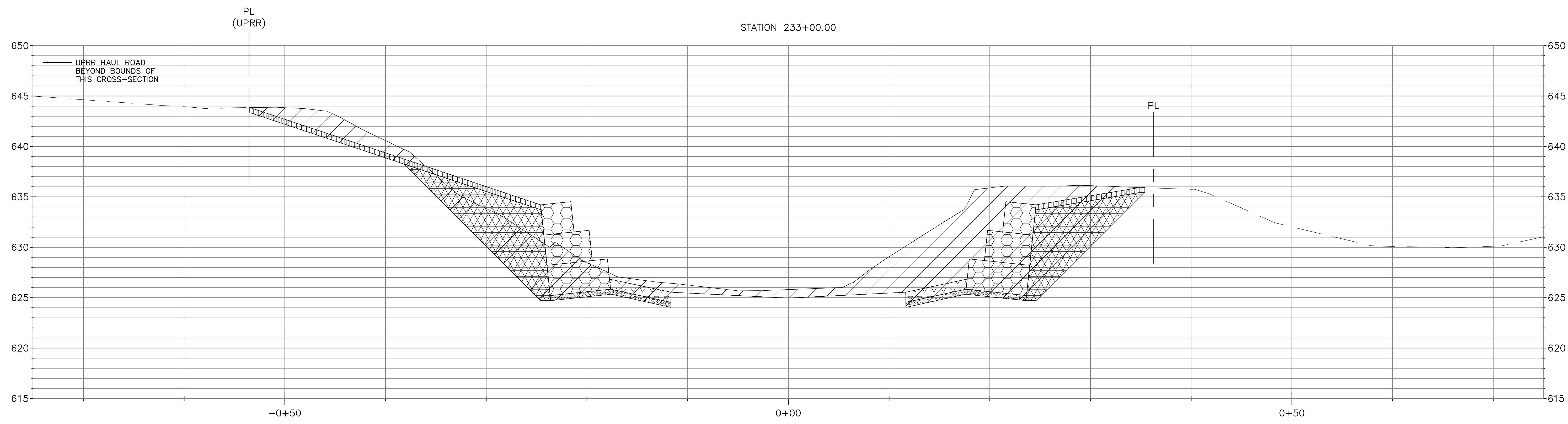
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 234+00 TO STA. 233+50

Sheet Number:
CG-736

Page Number: 198

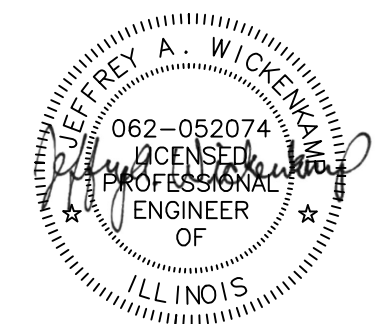
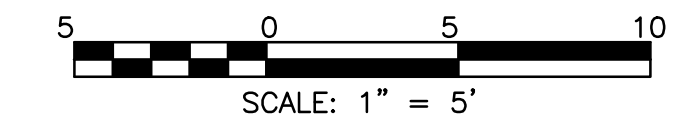
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 696-9200
 CHICAGO@HEYANDASSOCIATES.COM
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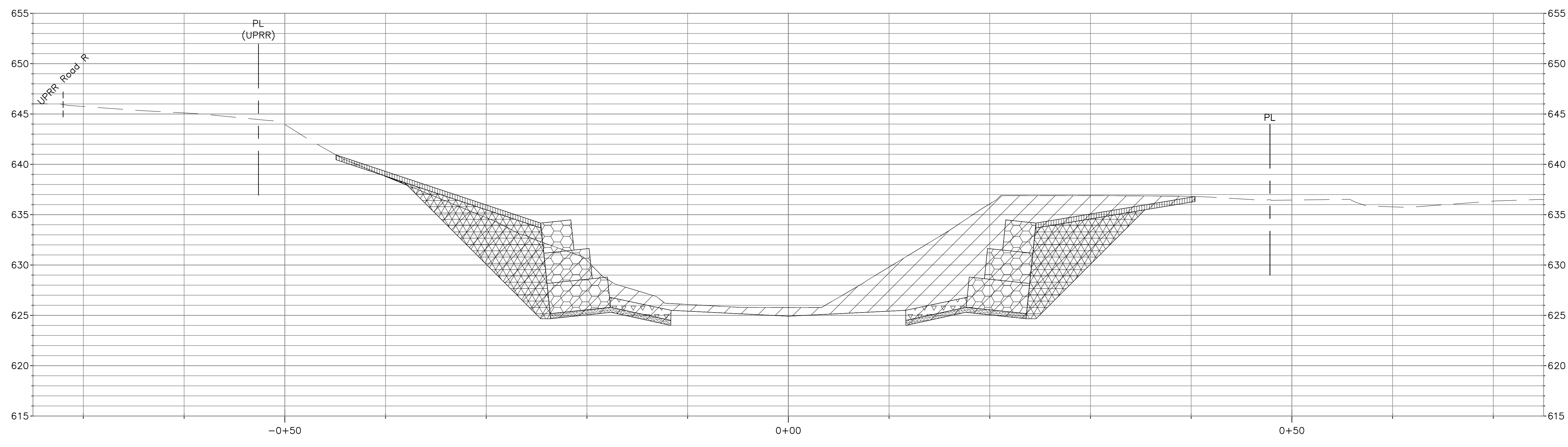
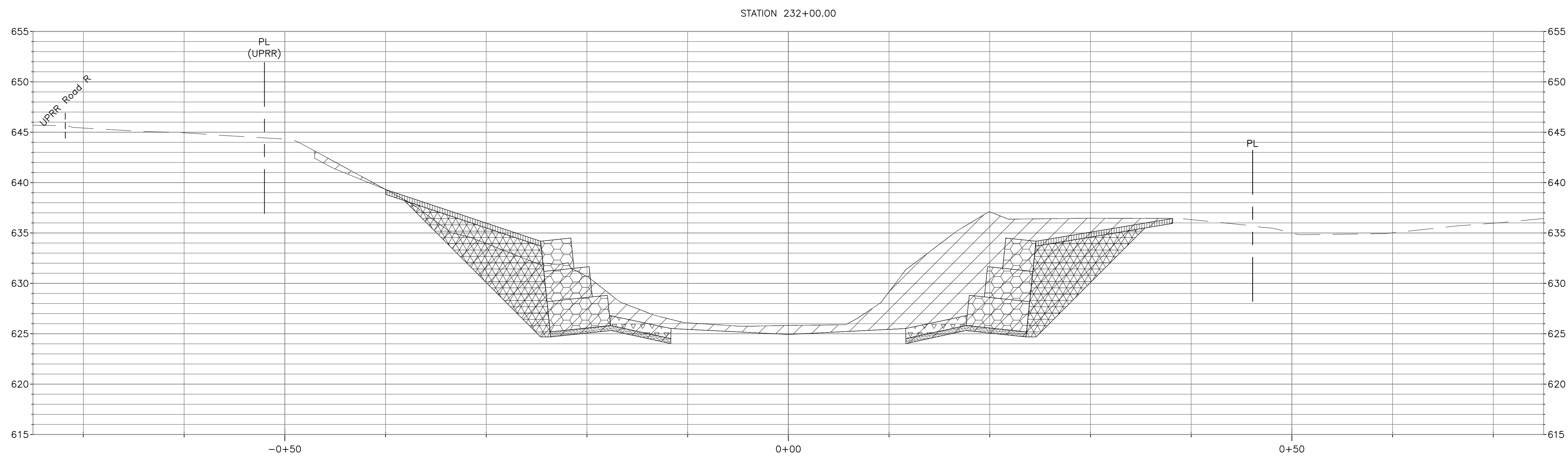
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 233+00 TO STA. 232+50

Sheet Number:
CG-737
 Page Number: 199

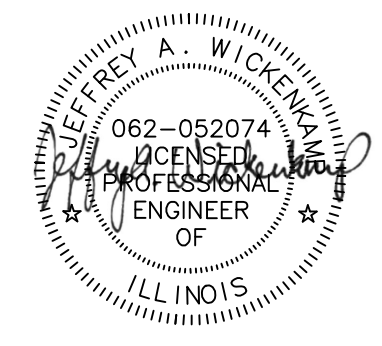
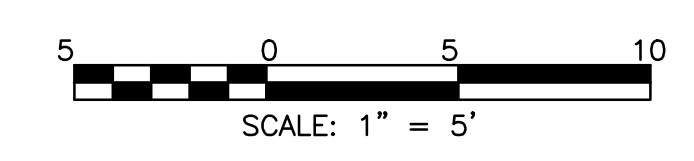
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYAN.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

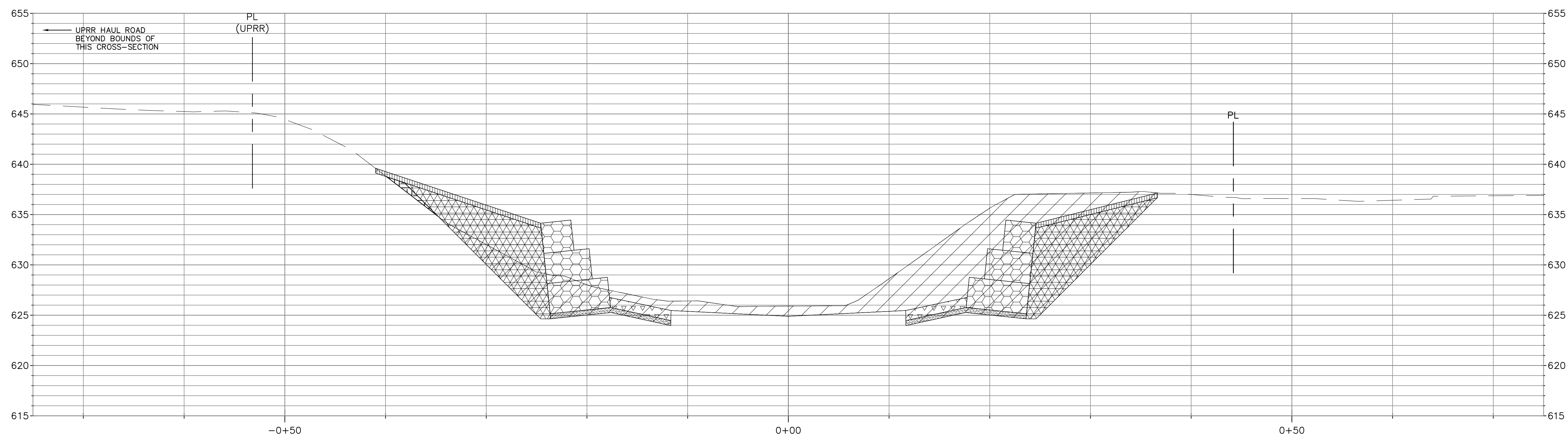
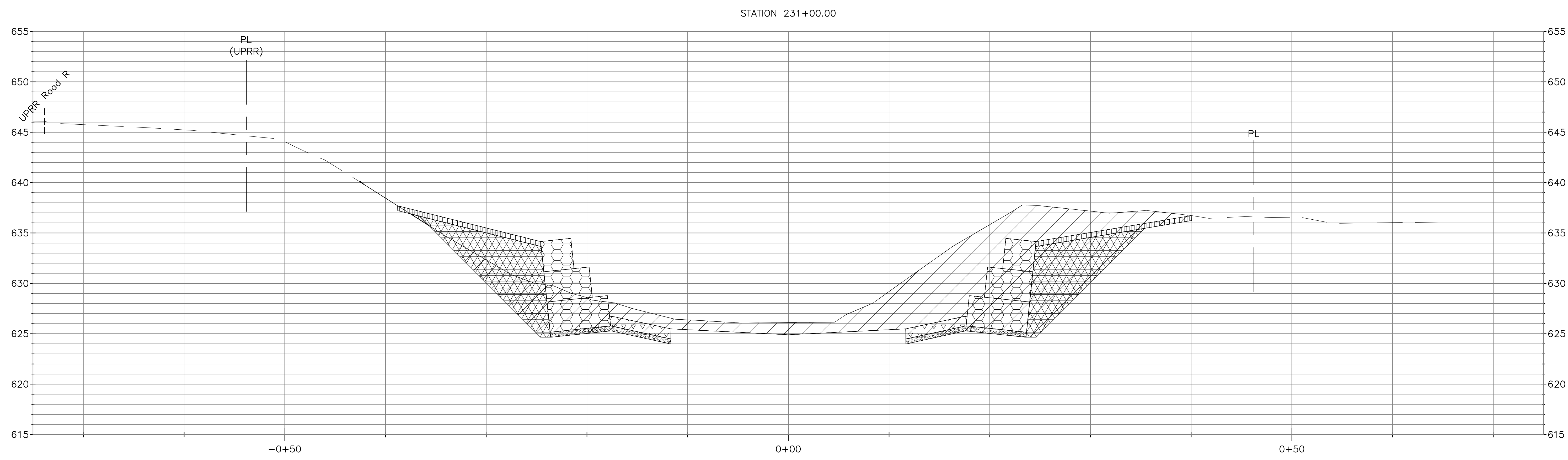
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 232+00 TO STA. 231+50

Sheet Number:
CG-738
 Page Number: 200

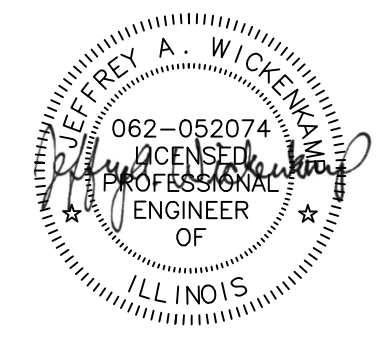
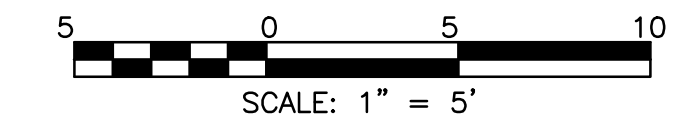
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
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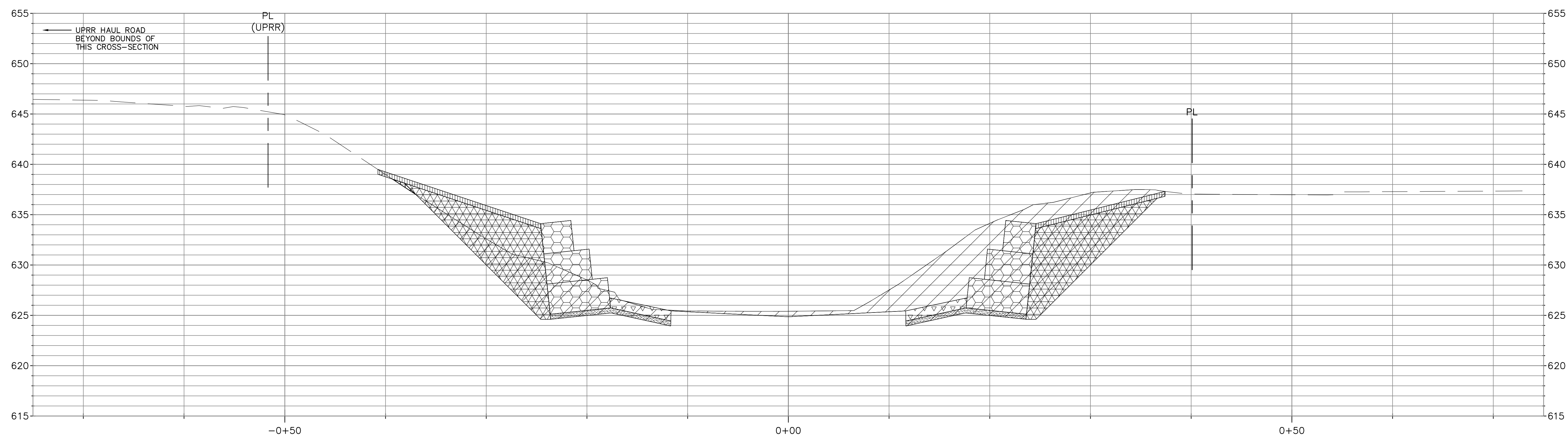
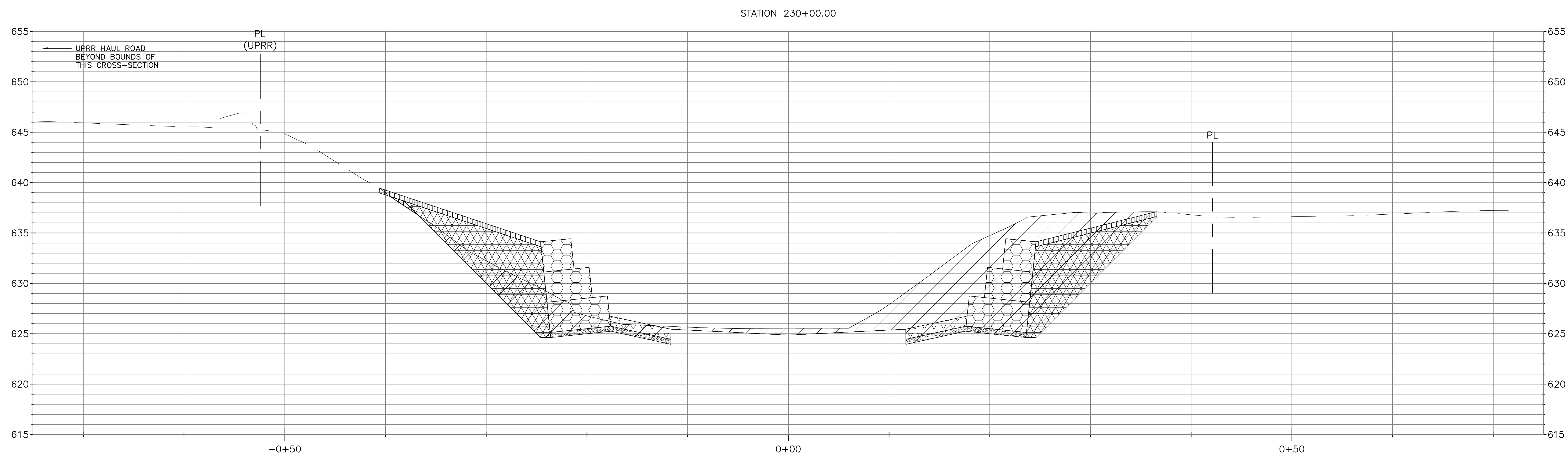
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 231+00 TO STA. 230+50

Sheet Number:
CG-739
 Page Number: 201

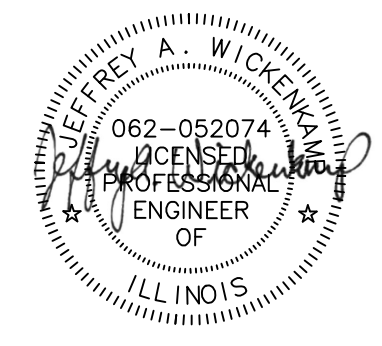
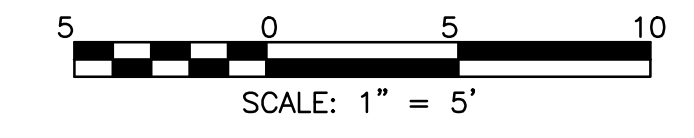
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 699-9200
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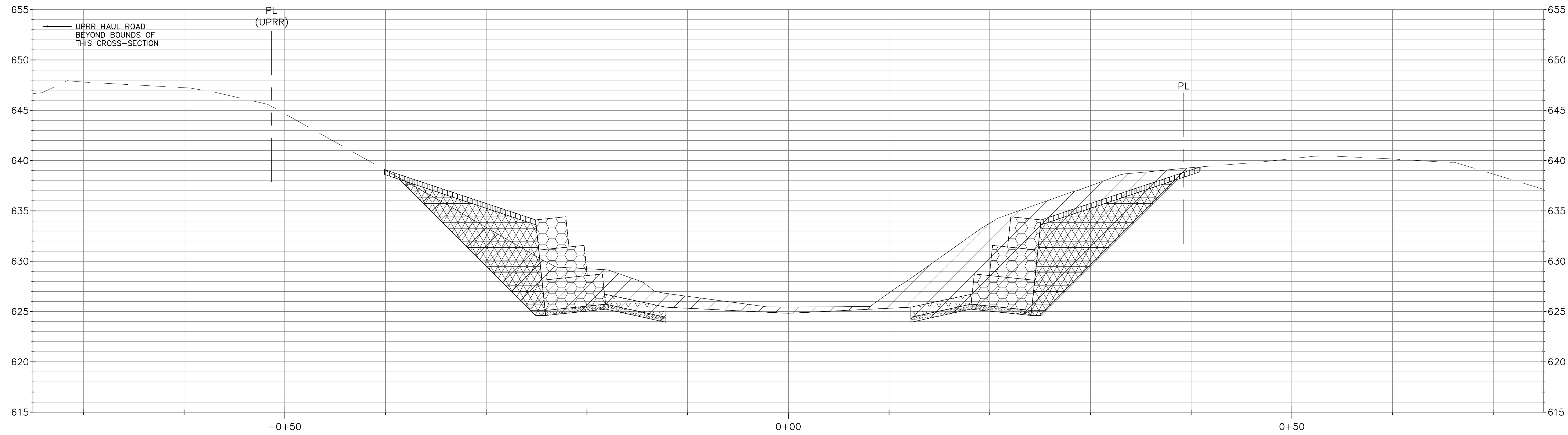
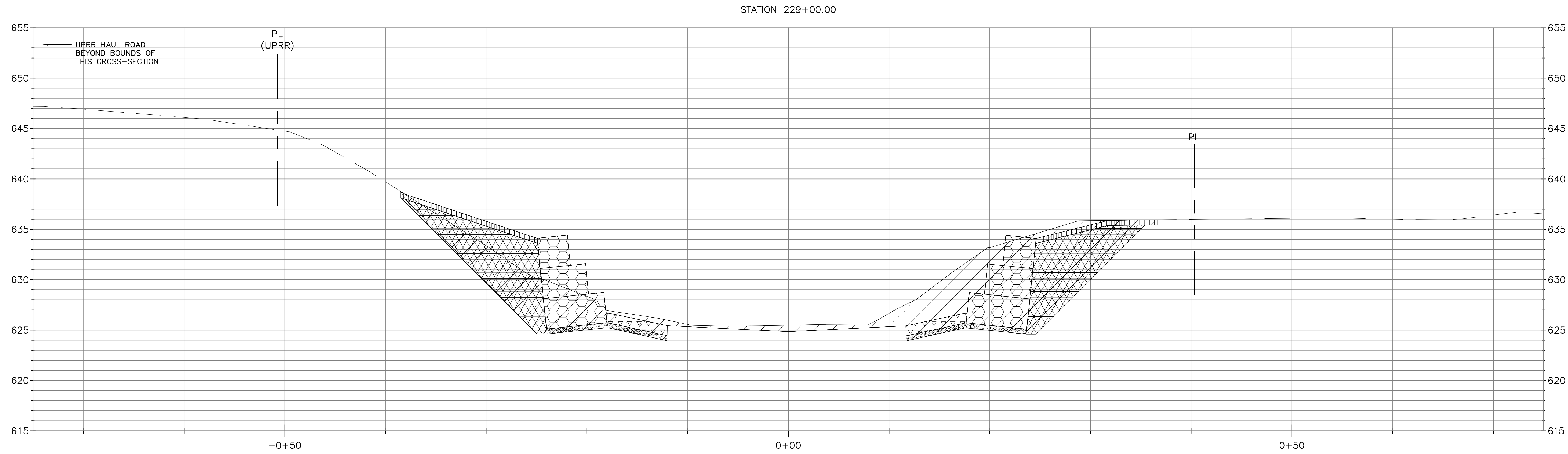
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 230+00 TO STA. 229+50

Sheet Number:
CG-740
 Page Number: 202

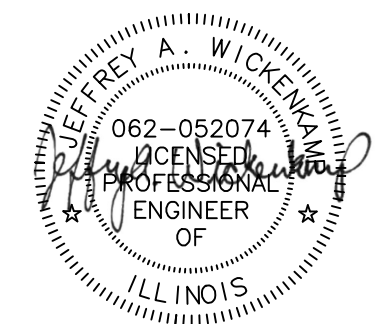
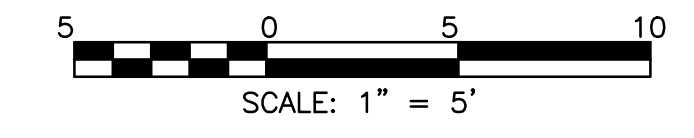
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LEGEND

- | | | | | | | | |
|--|---------|--|-------------------|--|-------------------|--|--------------------|
| | CUT | | STONE RIPRAP | | GRANULAR BACKFILL | | GABION BASKET |
| | FILL | | SOLDIER PILE WALL | | GABION MATTRESS | | BOULDER TOE |
| | TOPSOIL | | TYPE "B" GUTTER | | BEDDING STONE | | PROPERTY LINE (PL) |

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



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 Engineering, Ecology and Landscape Architecture
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 CHICAGO@HEYASAC.COM
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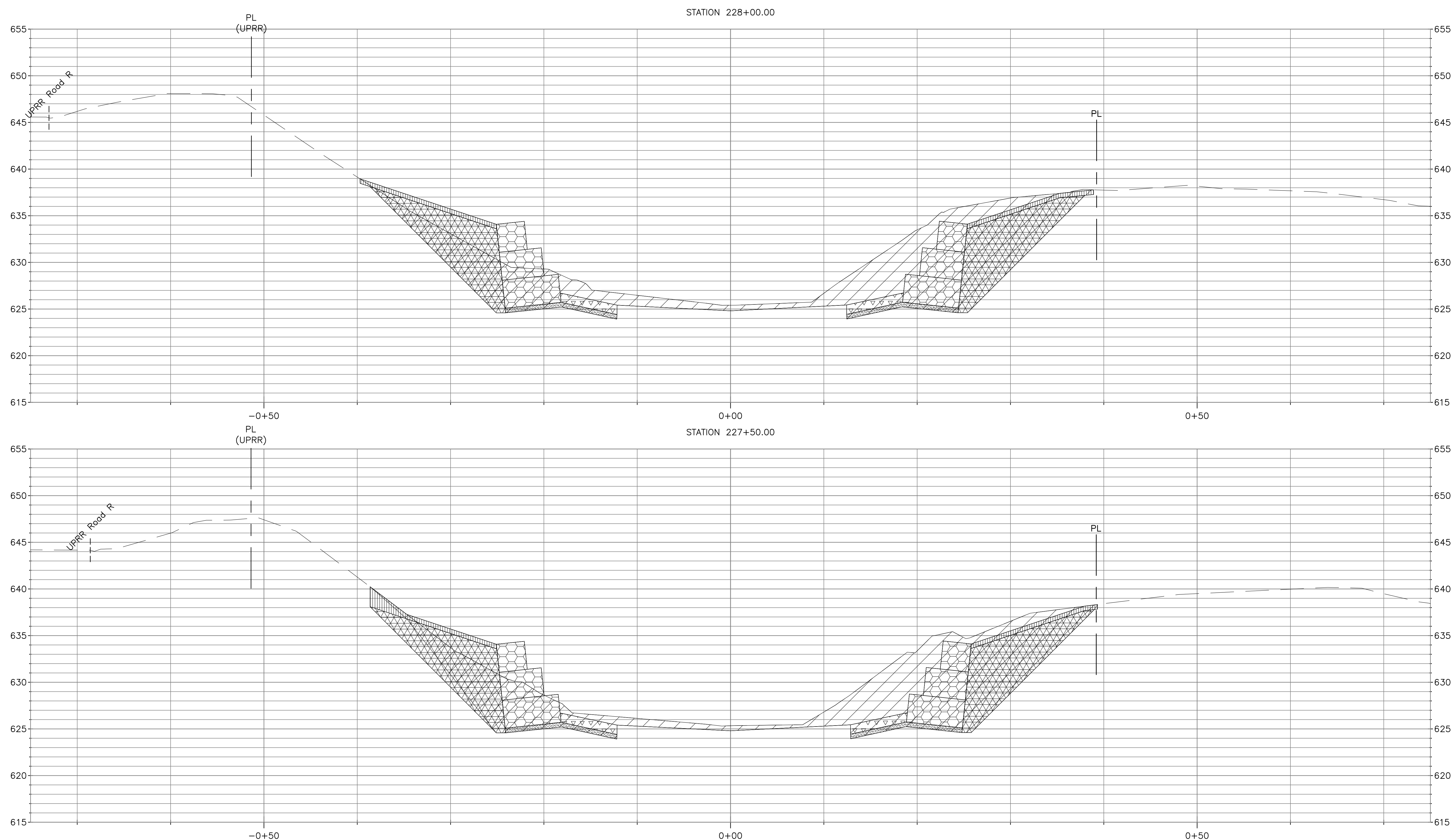
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 229+00 TO STA. 228+50

Sheet Number:
CG-741
 Page Number: 203

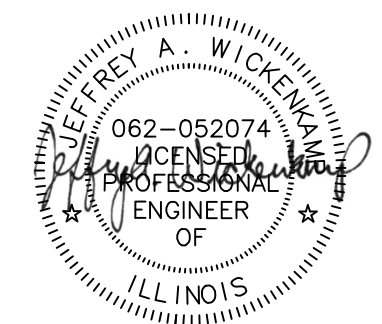
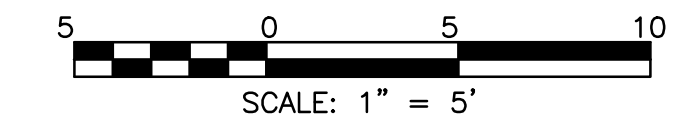
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
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 OFFICE: (773) 699-9200
 CHICAGO@HEYASAC.COM
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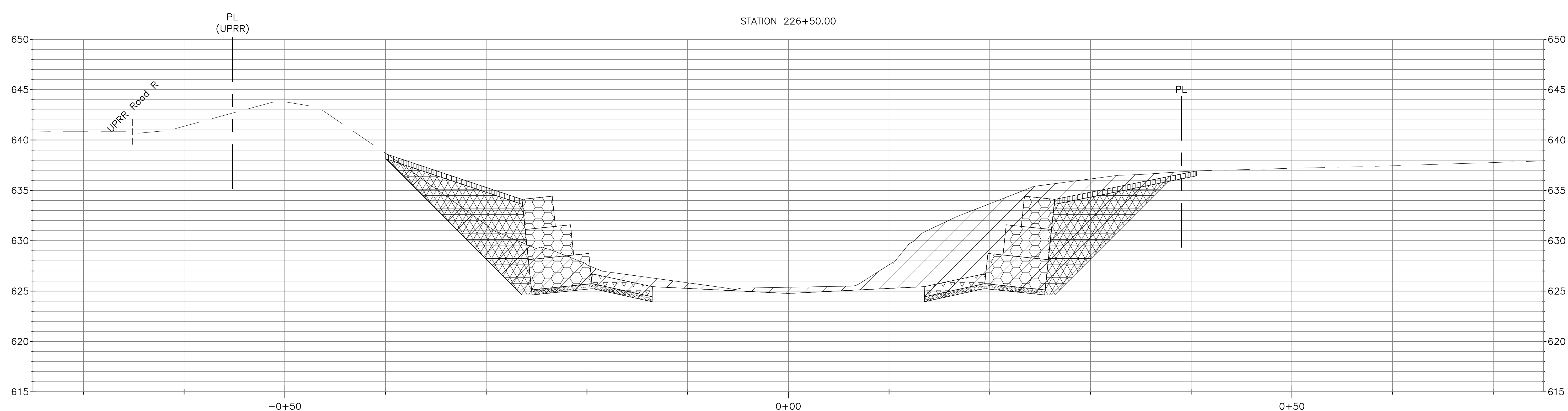
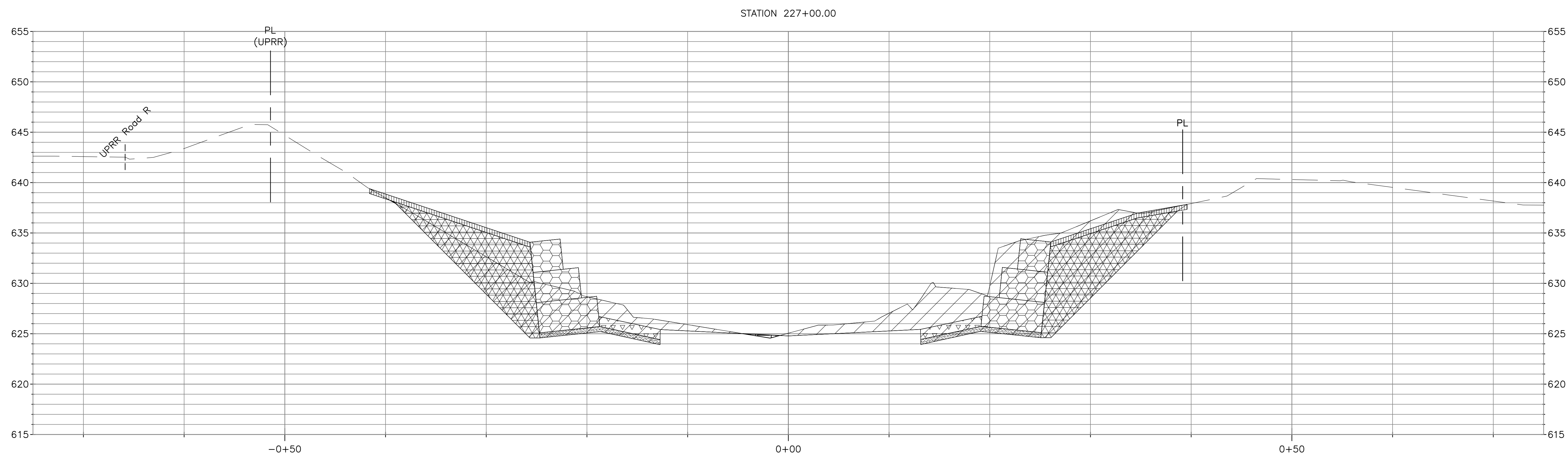
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 228+00 TO STA. 227+50

Sheet Number:
CG-742
 Page Number: 204

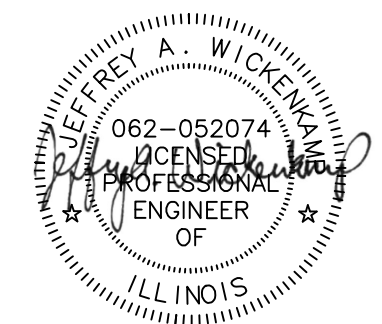
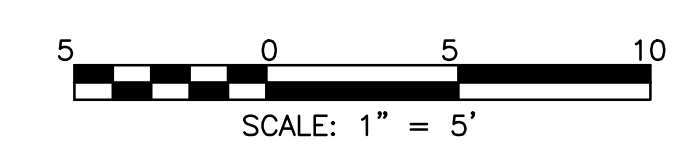
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGAS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 695-5200
 CHICAGO@HEYASKE.COM
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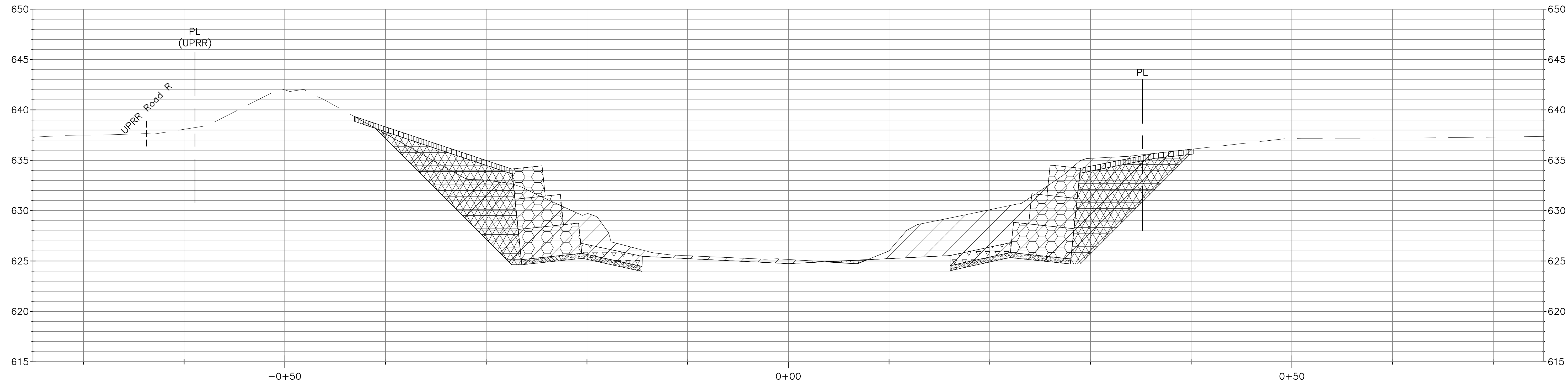
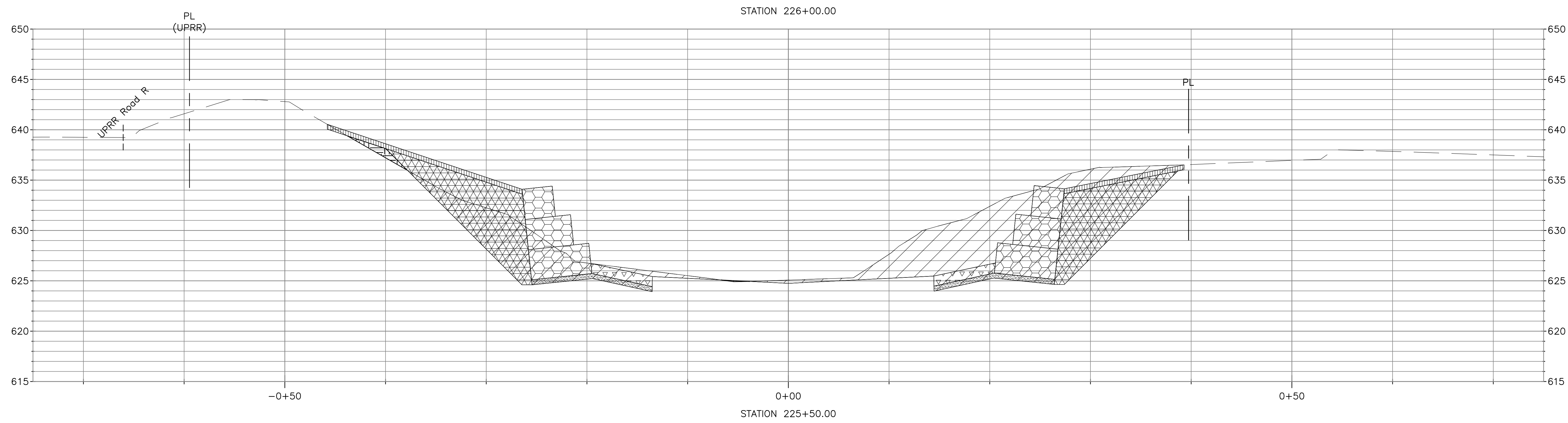
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 227+00 TO STA. 226+50

Sheet Number:
CG-743
 Page Number: 205

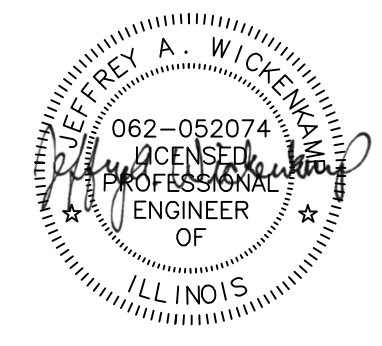
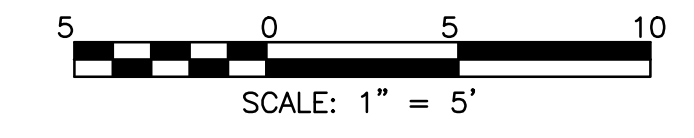
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
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 OFFICE (773) 696-9200
 CHICAGO@HEYANDASSOCIATES.COM
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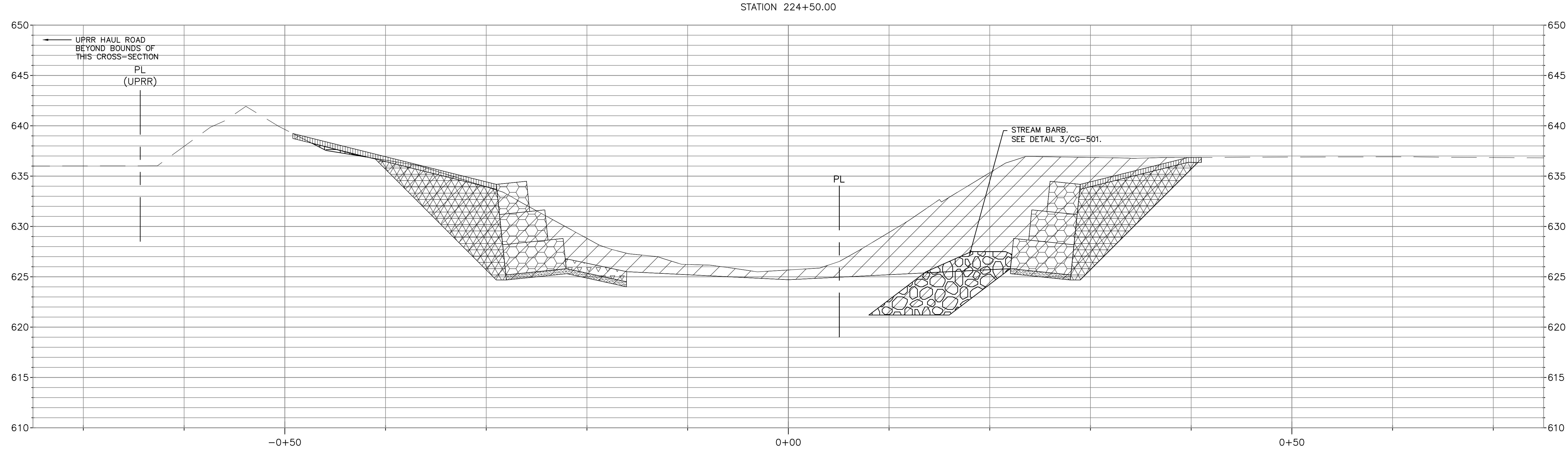
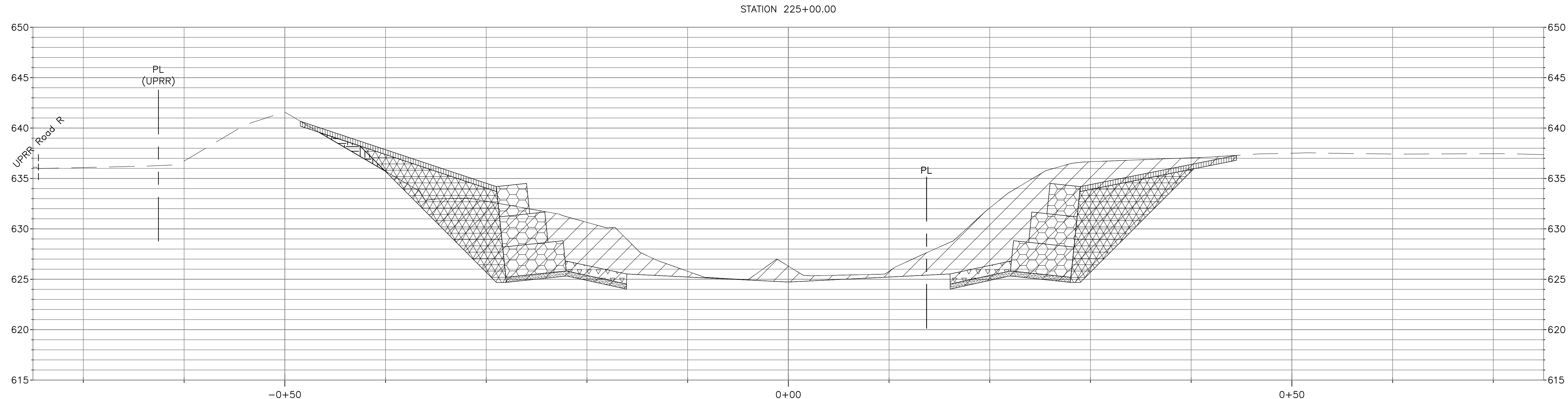
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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 226+00 TO STA. 225+50

Sheet Number:
CG-744
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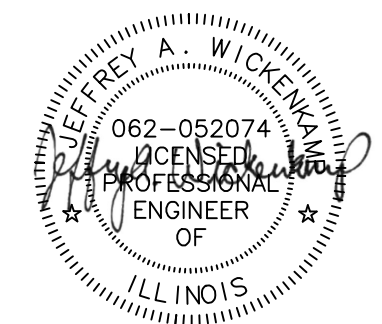
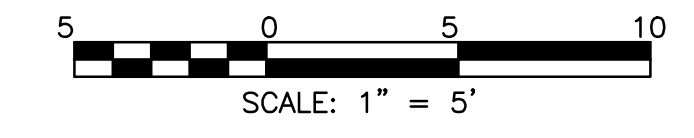
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Engineering, Ecology and Landscape Architecture
CHICAGO, ILLINOIS 60631
OFFICE: (773) 699-9200
Chicago@HEYASAC.COM
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Correct:		

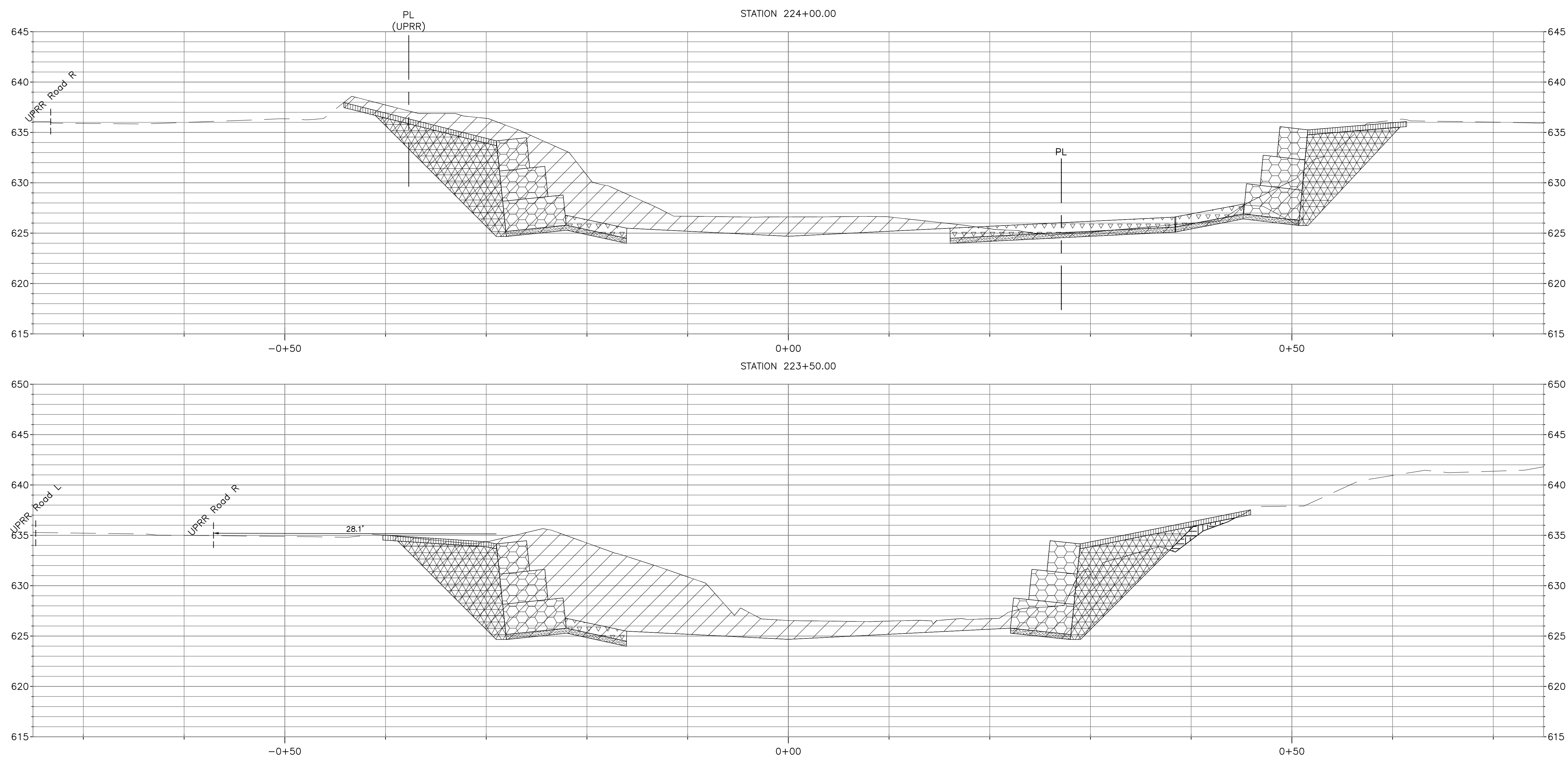
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 225+00 TO STA. 224+50

Sheet Number:
CG-745

Page Number: 207

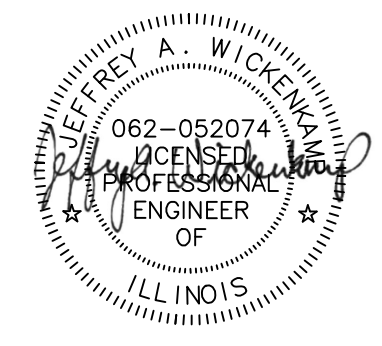
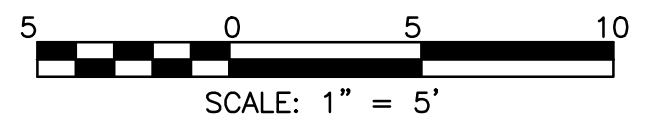
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LEGEND			
	CUT		STONE RIPRAP
	FILL		GRANULAR BACKFILL
	TOPSOIL		SOLDIER PILE WALL
	TYPE "B" GUTTER		GABION MATTRESS
			BEDDING STONE
			BOULDER TOE
			PROPERTY LINE (PL)

NOTE:
 FOR STA 223+00 WORK, SEE S-524 CONCRETE SLOPE WALL AT UPRR BRIDGE 12.07 PROVISIO LEAD OVER ADDISON CREEK.

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERONS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASKE.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184004289

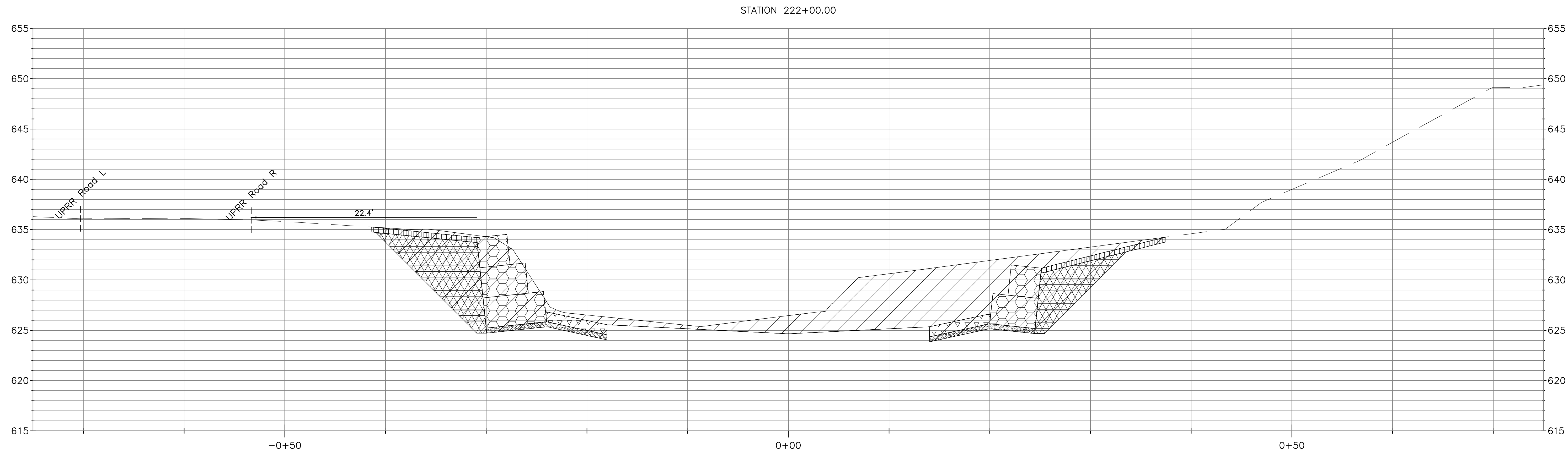
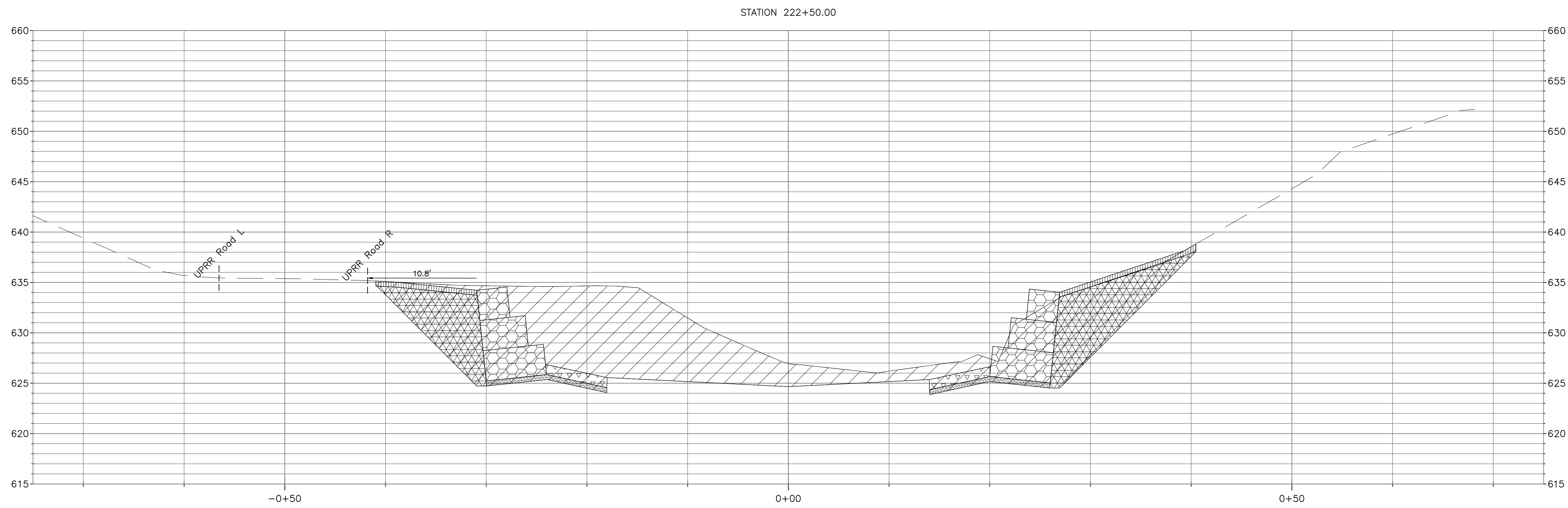
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Drawn by: KSS	Reviewed by: JAW	Date: 2022
Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 224+00 TO STA. 223+50

Sheet Number:
CG-746
 Page Number: 208

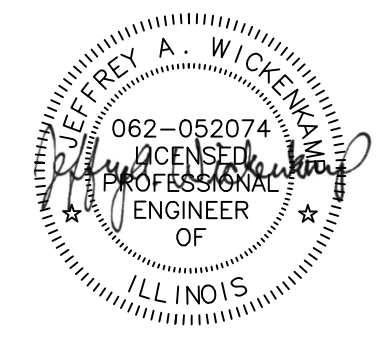
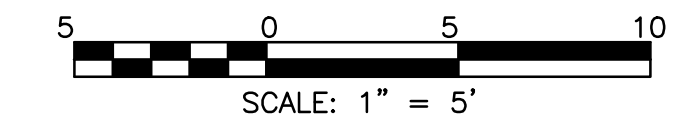
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Correct:		

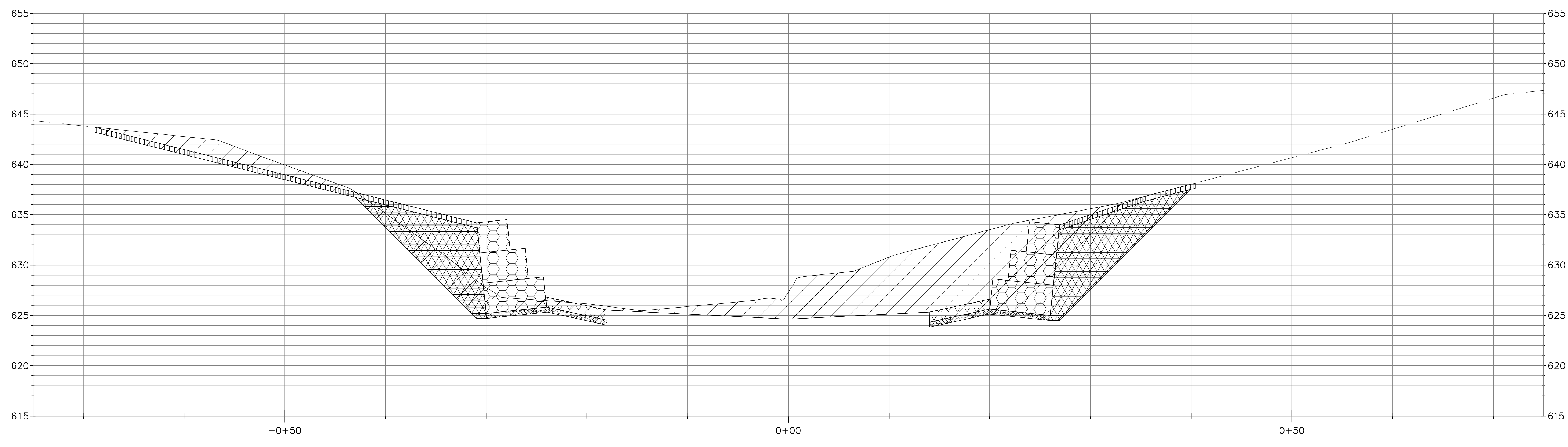
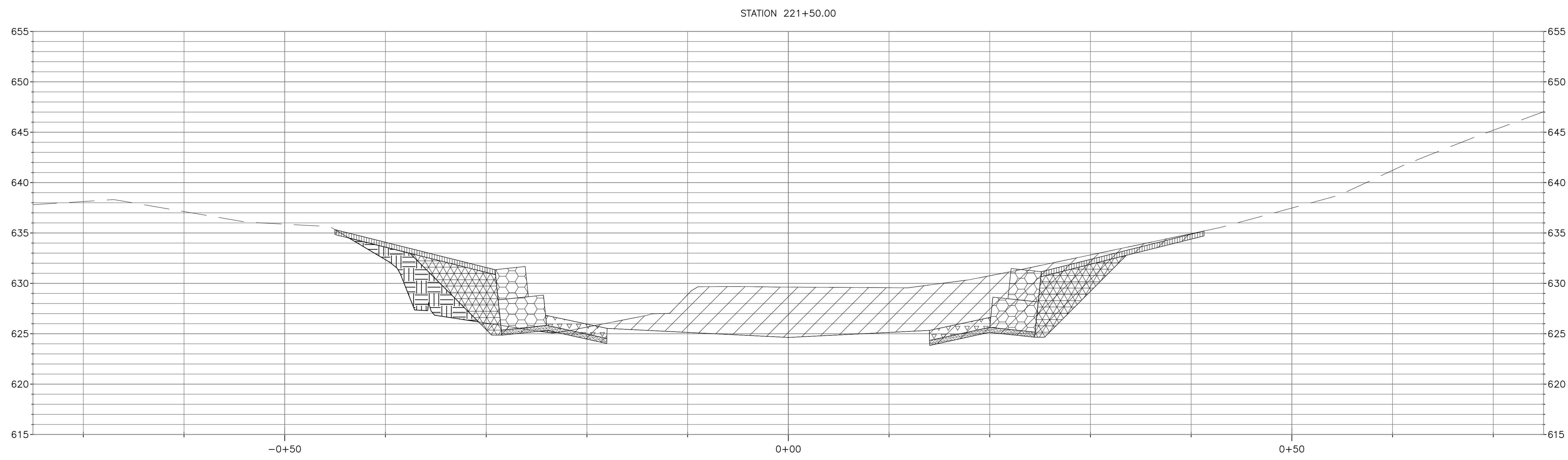
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Engineering, Ecology and Landscape Architecture
8755 WEST HERGANS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-5200
CHICAGO@HEYASAC.COM
PROFESSIONAL DESIGNER, P.E.
LICENSE NO. 184062829

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 222+500 TO STA. 222+00

Sheet Number:
CG-747
Page Number: 209

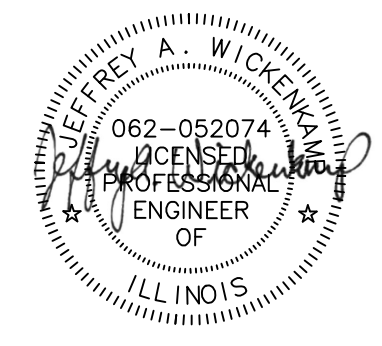
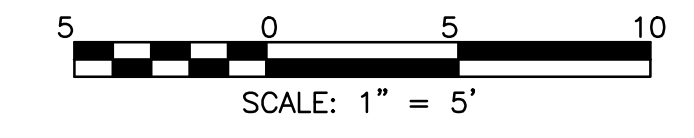
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

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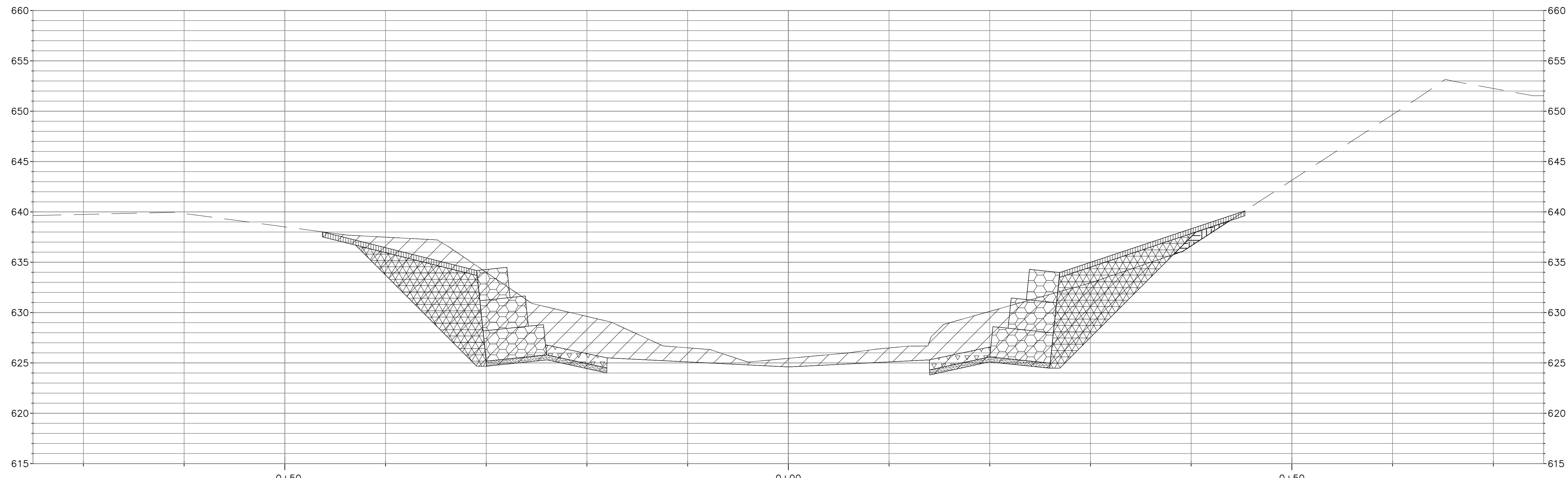
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 221+50 TO STA. 221+00

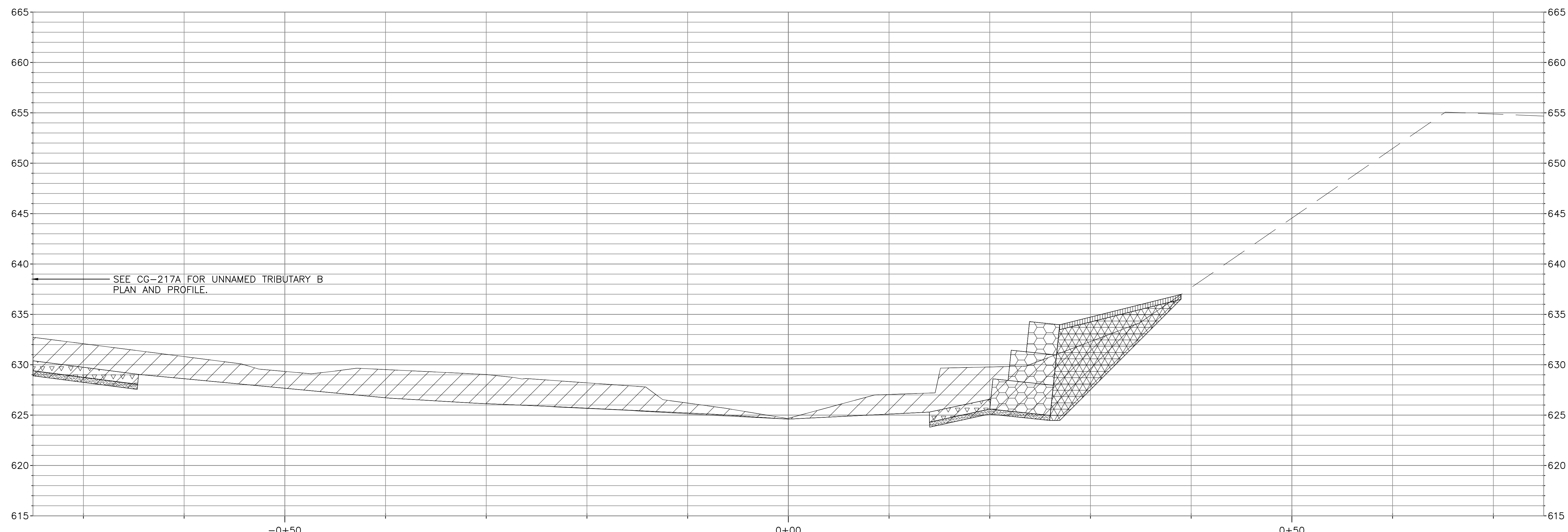
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 Page Number: 210

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STATION 220+50.00



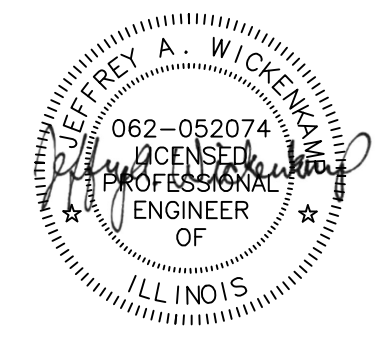
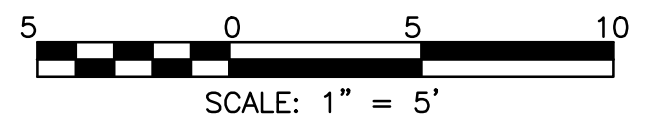
STATION 220+00.00



LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture
8755 WEST HERGANS ROAD, SUITE 835
CHICAGO, ILLINOIS 60631
OFFICE (773) 695-9200
CHICAGO@HEYASAC.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 18406287

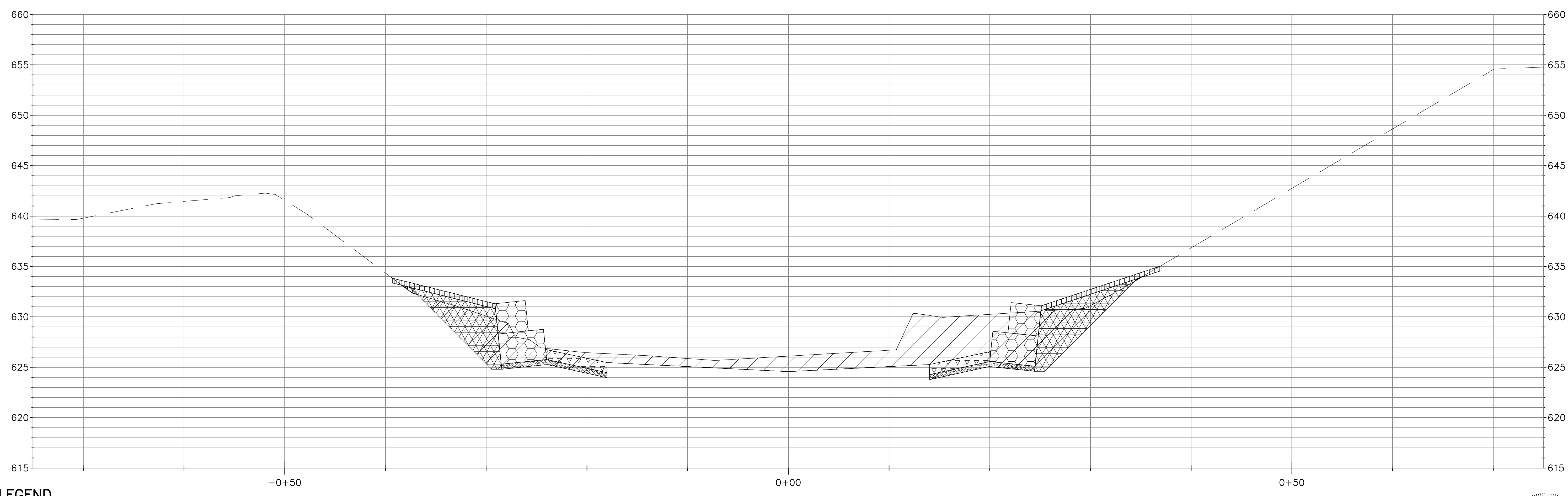
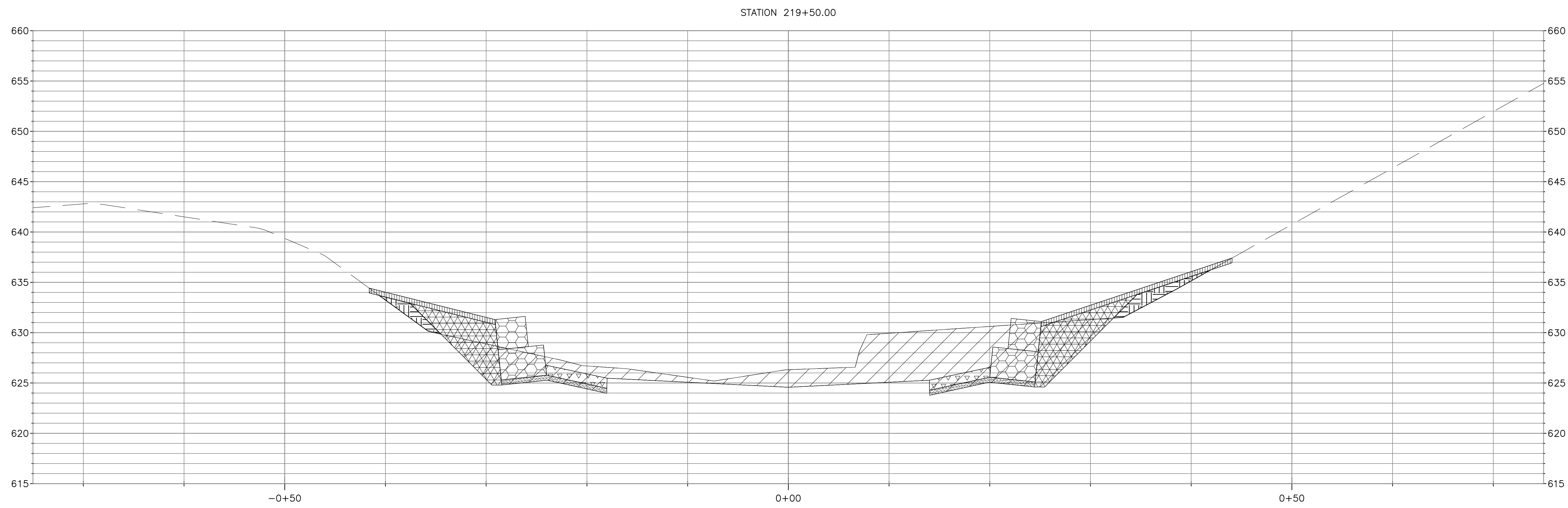
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Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 220+50 TO STA. 220+00

Sheet Number:
CG-749
Page Number: 211

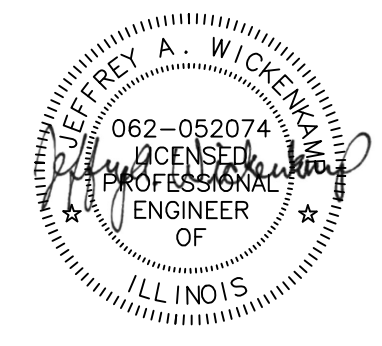
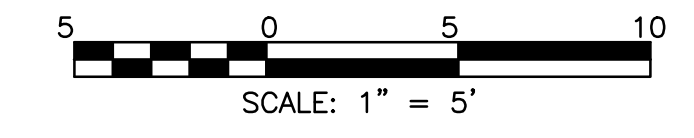
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
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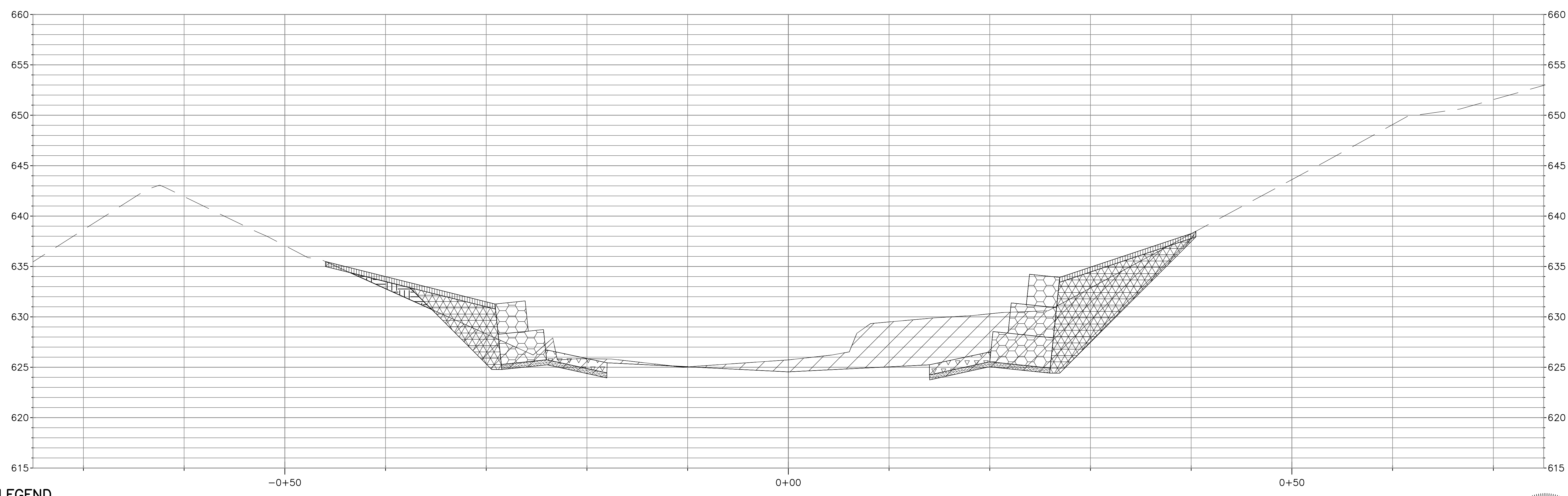
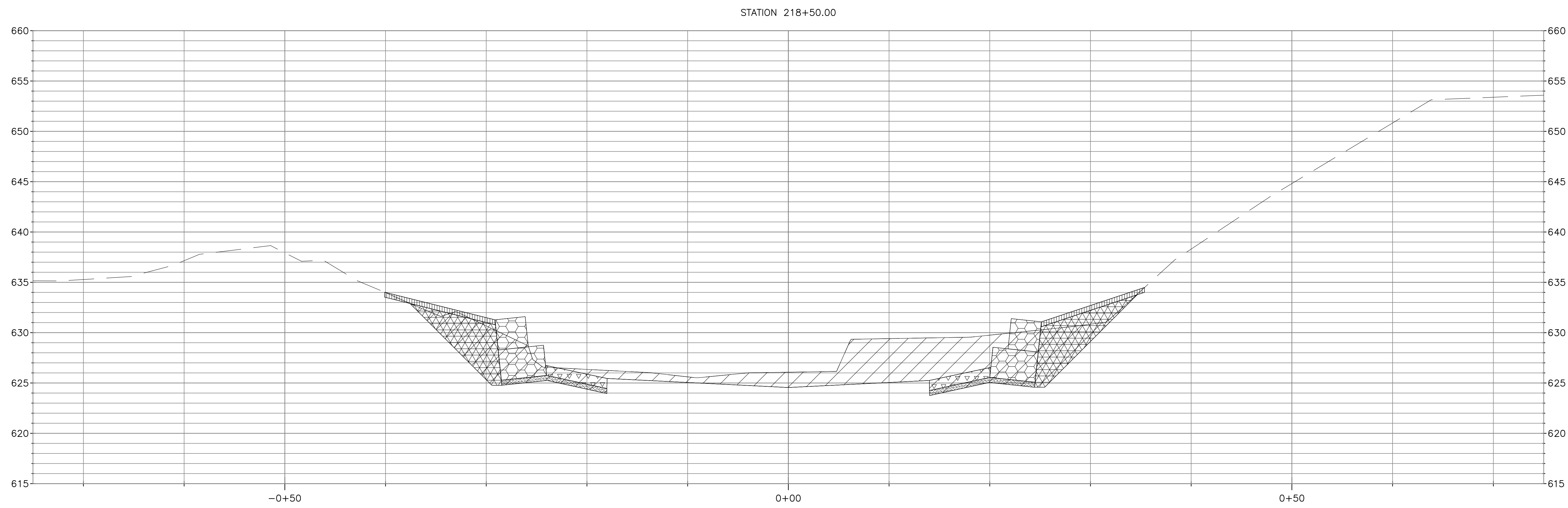
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 219+50 TO STA. 219+00

Sheet Number:
CG-750
 Page Number: 212

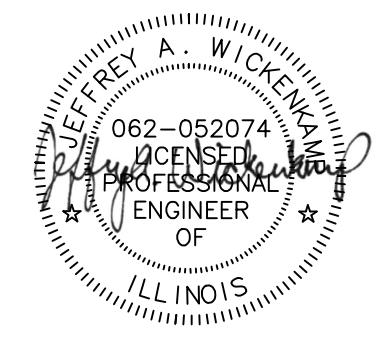
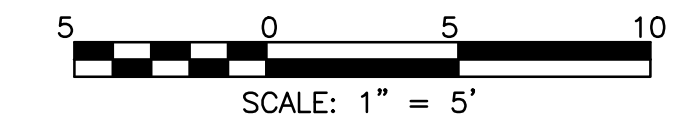
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

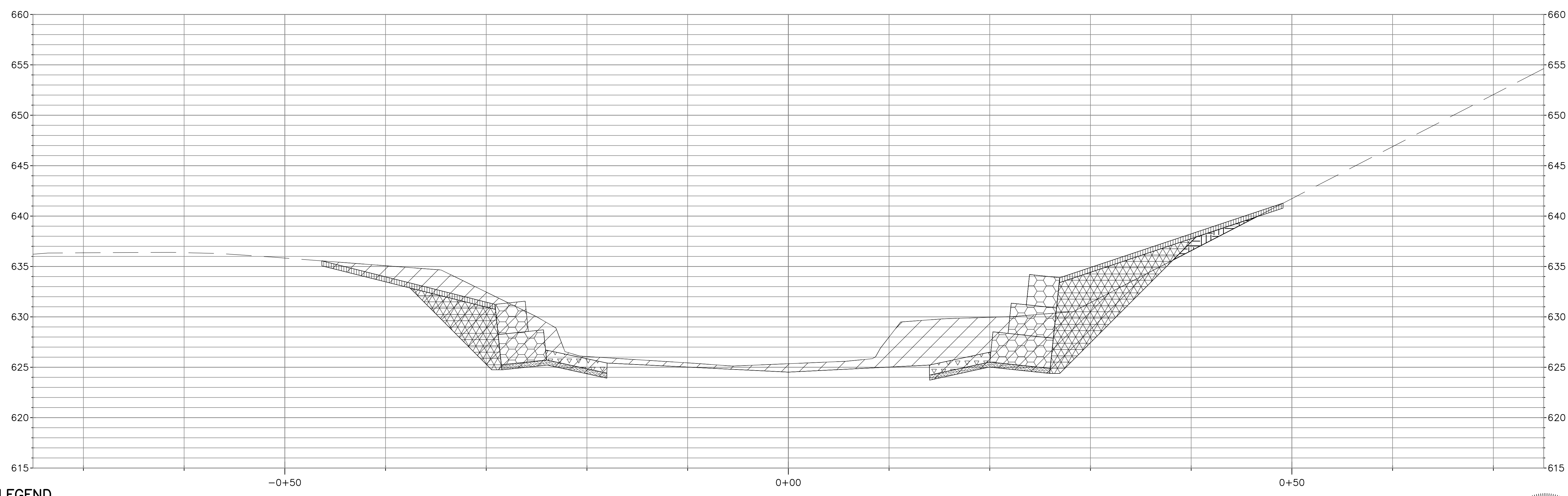
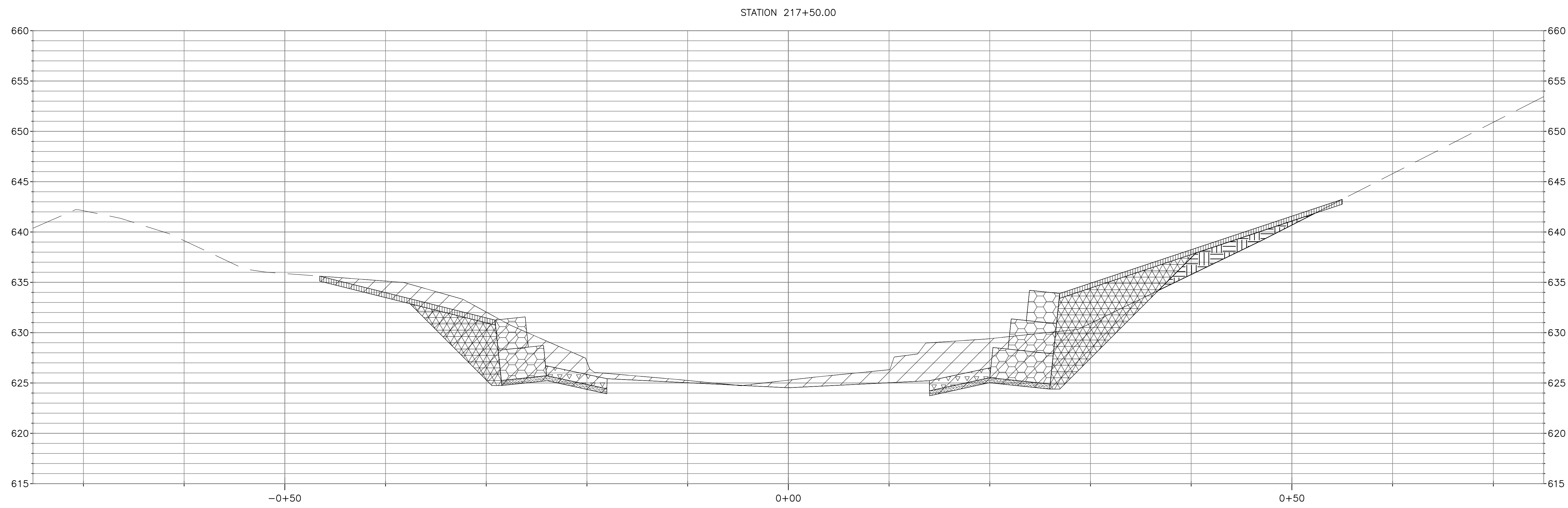
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 218+50 TO STA. 218+00

Sheet Number:
CG-751
 Page Number: 213

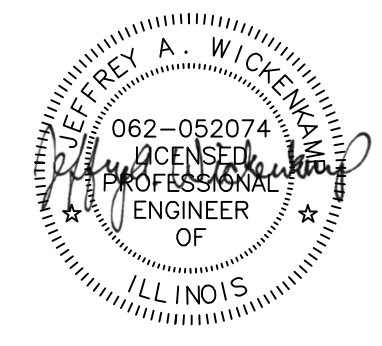
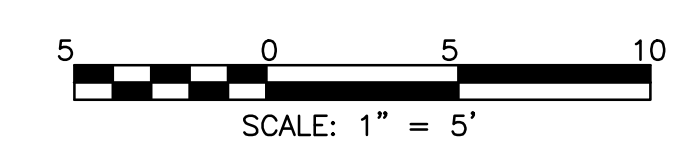
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGNER, P.E.
 LICENSE NO. 184062829

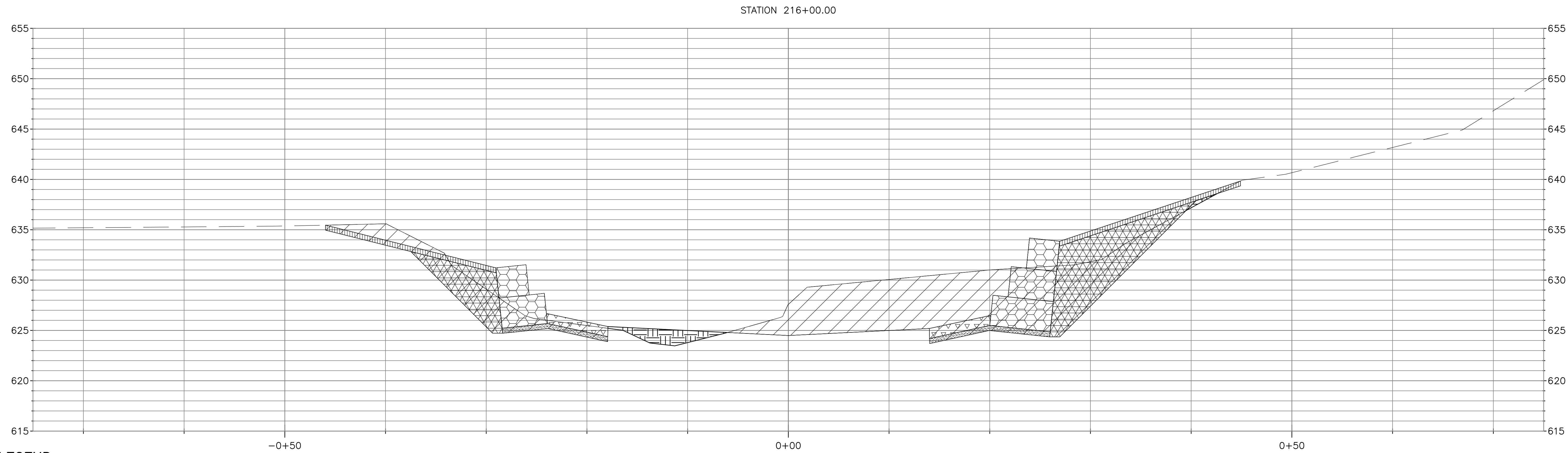
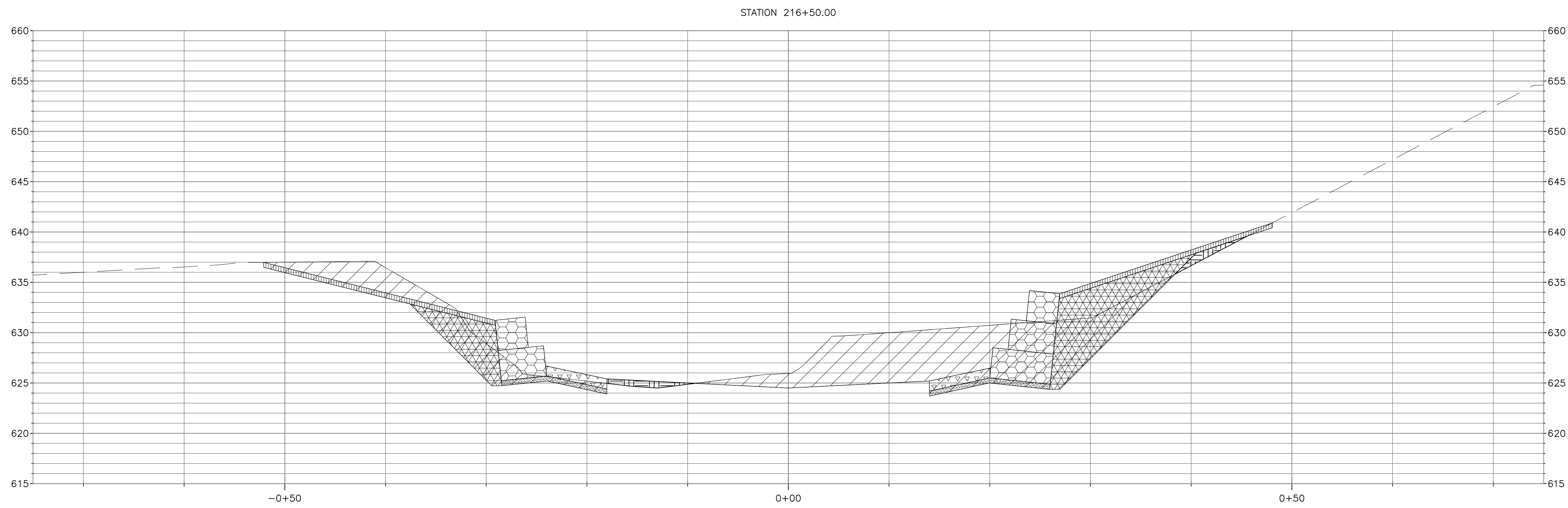
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 217+50 TO STA. 217+00

Sheet Number:
CG-752
 Page Number: 214

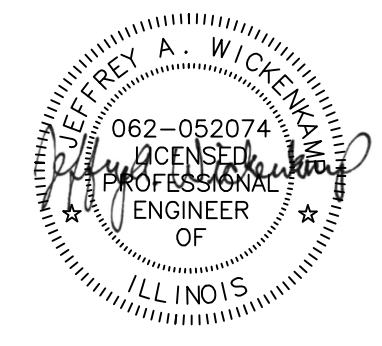
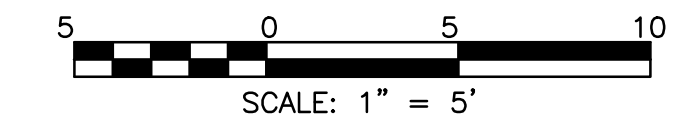
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 OF GREATER CHICAGO**

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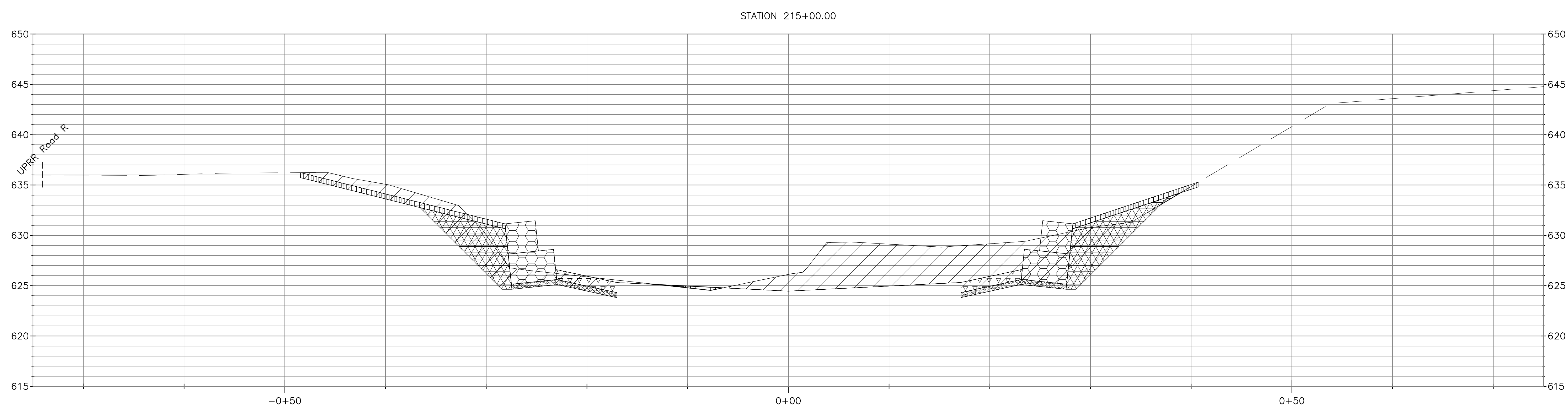
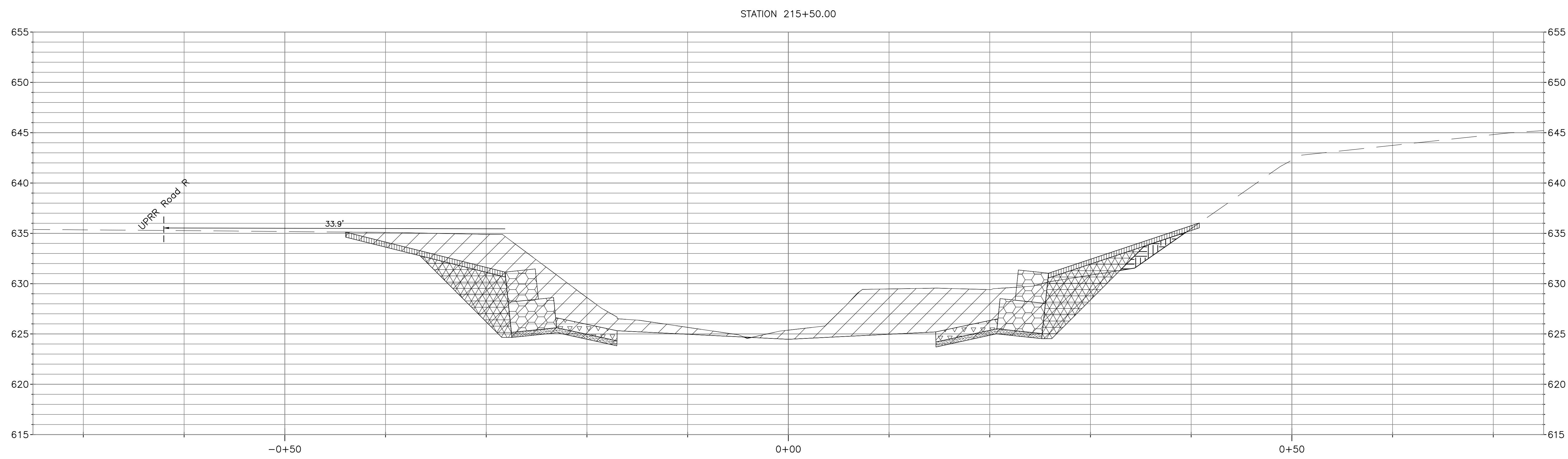
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 Engineering, Ecology and Landscape Architecture
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 CHICAGO@HEYANSG.COM
 PROFESSIONAL DESIGN FIRM
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 216+50 TO STA. 216+00

Sheet Number:
CG-753
 Page Number: 215

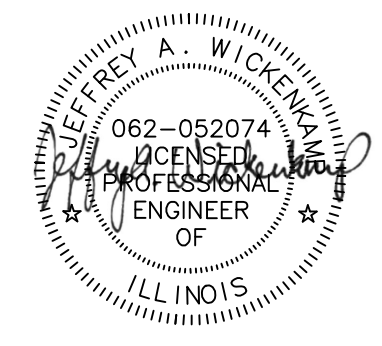
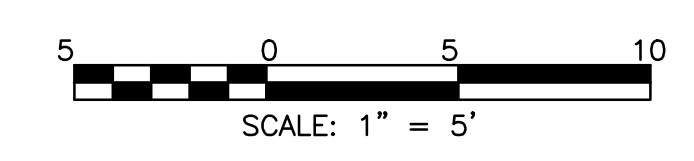
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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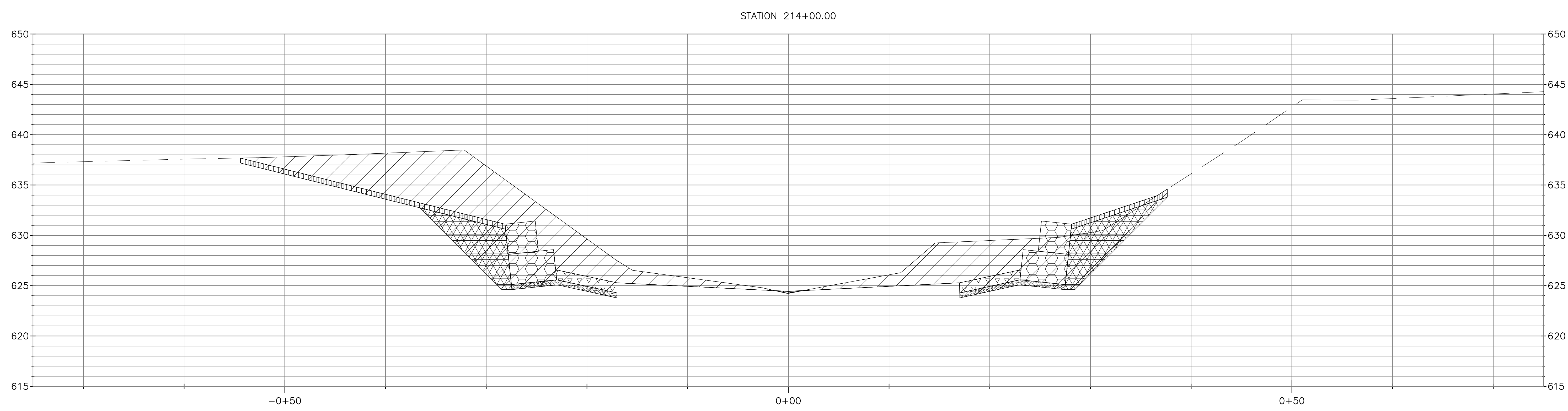
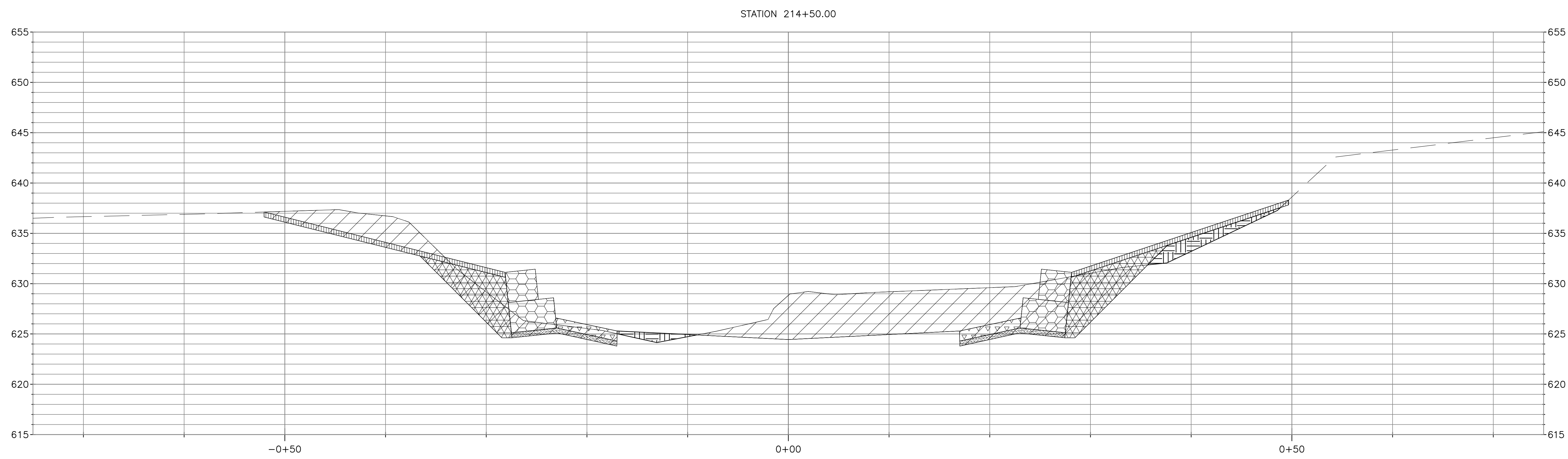
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
STA. 215+50 TO STA. 215+00

Sheet Number:
CG-754
Page Number: 216

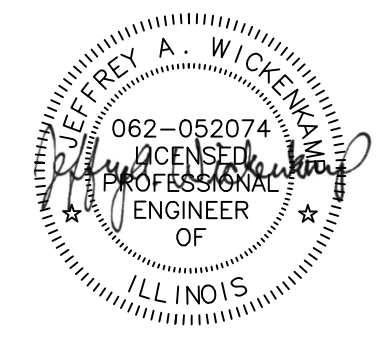
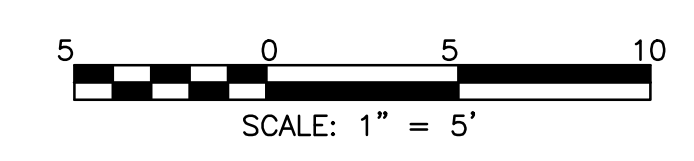
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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Correct:		

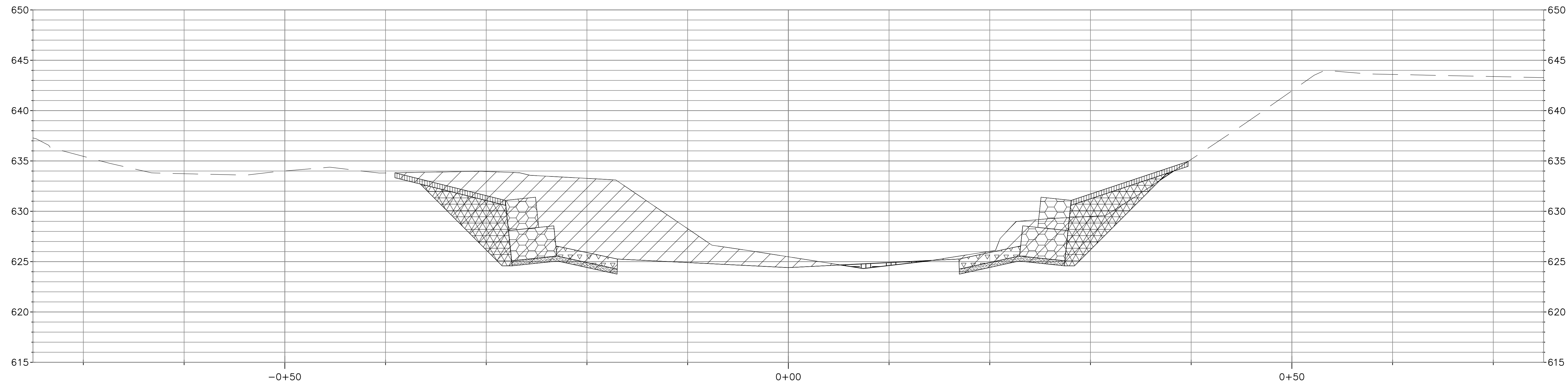
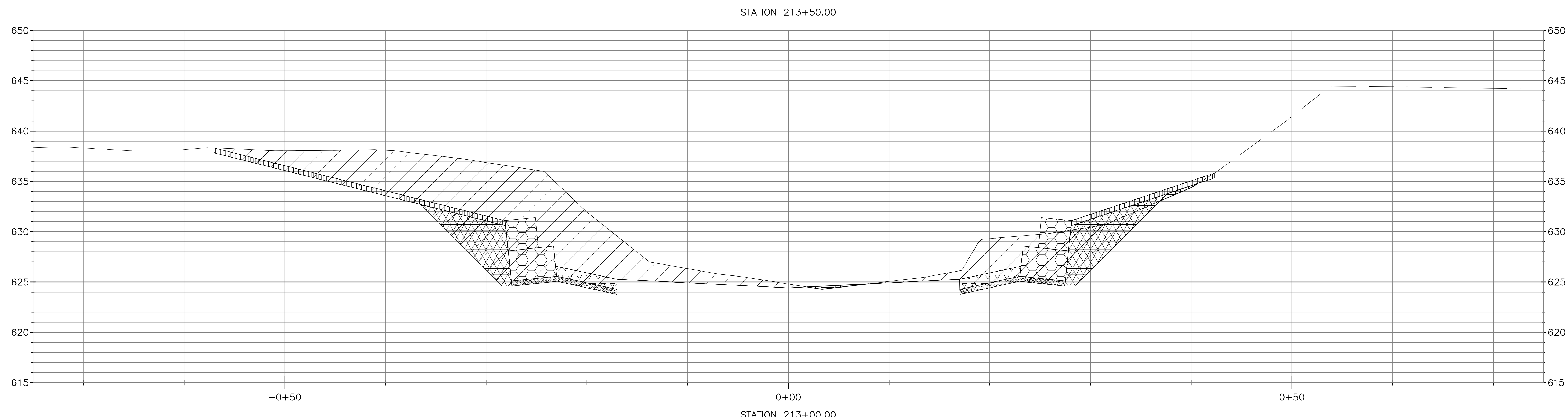
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184062829

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 214+50 TO STA. 214+00

Sheet Number:
CG-755
 Page Number: 217

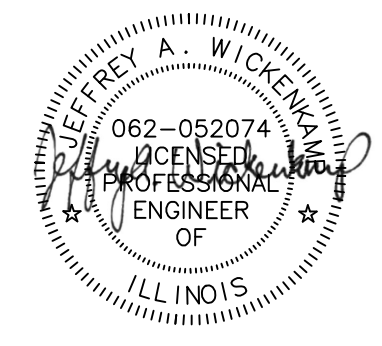
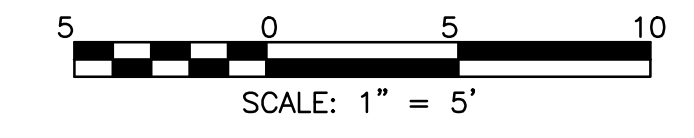
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

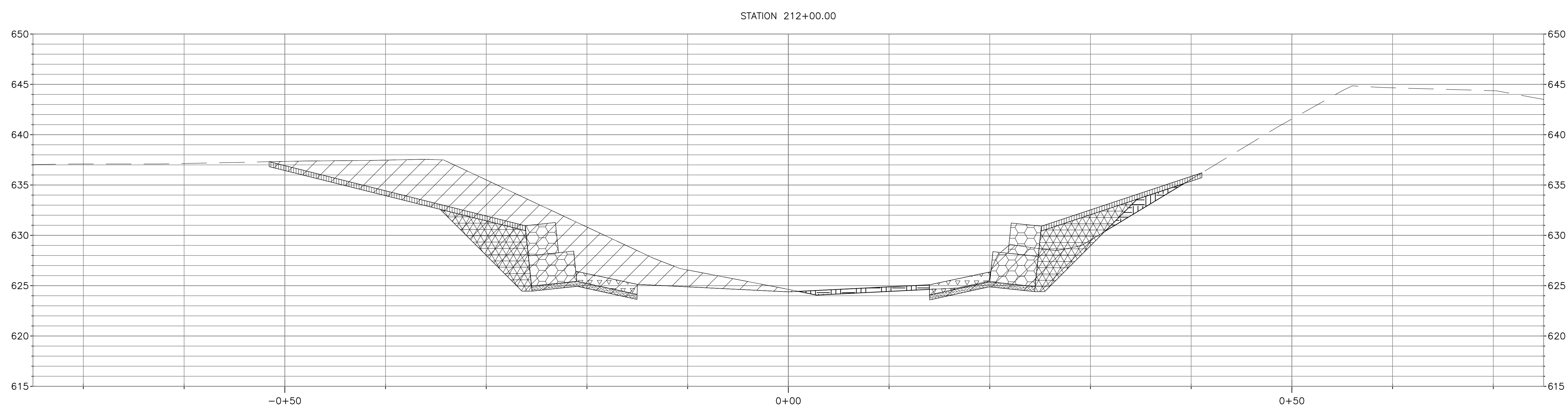
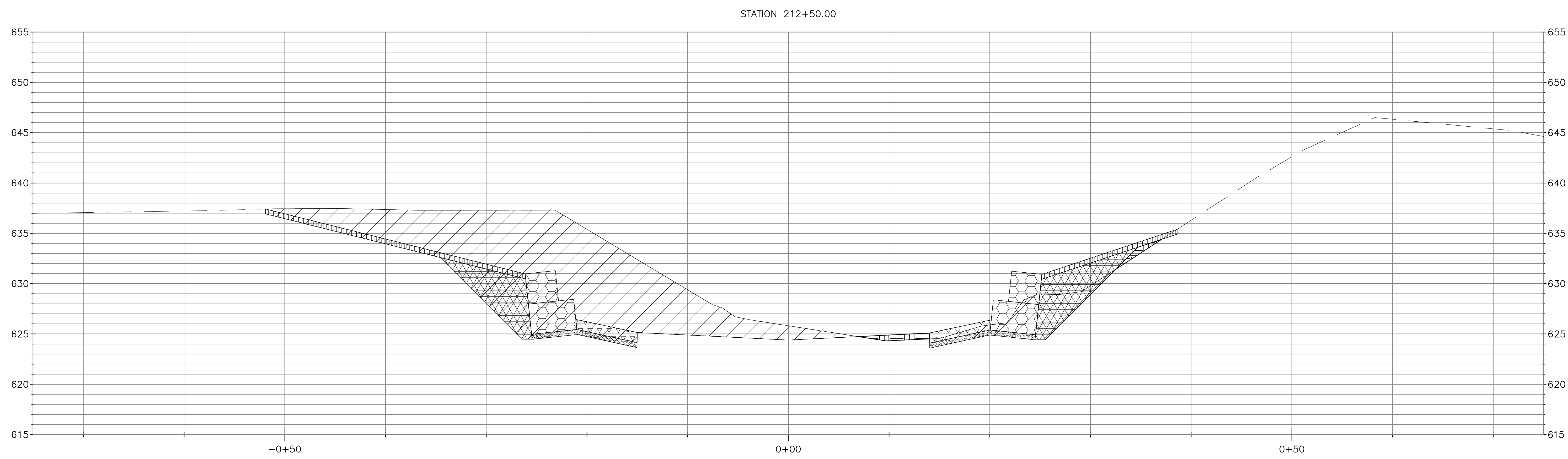
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 213+50 TO STA. 213+00

Sheet Number:
CG-756
 Page Number: 218

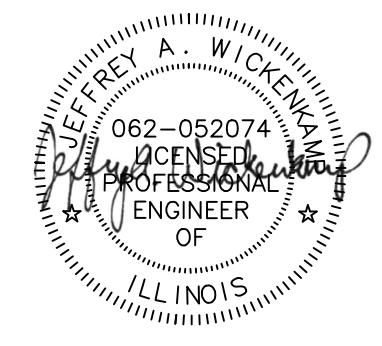
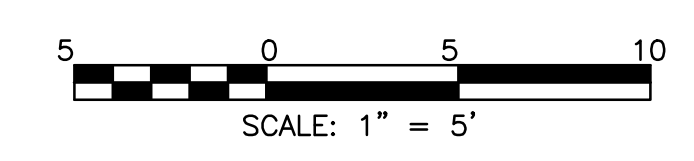
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 OFFICE (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
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 LICENSE NO. 18406282

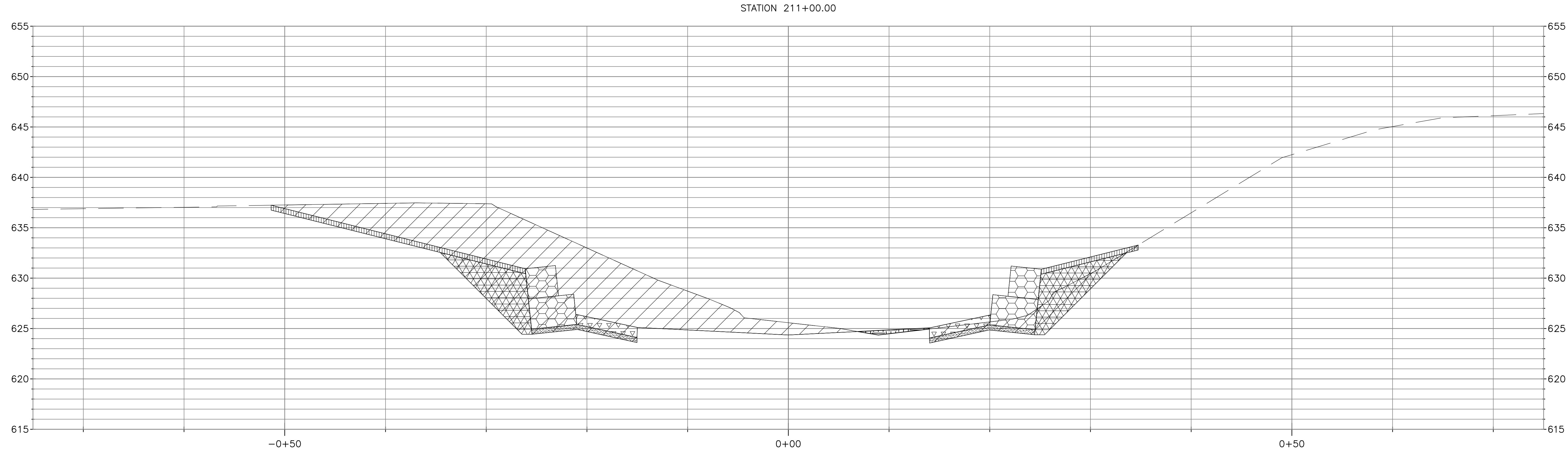
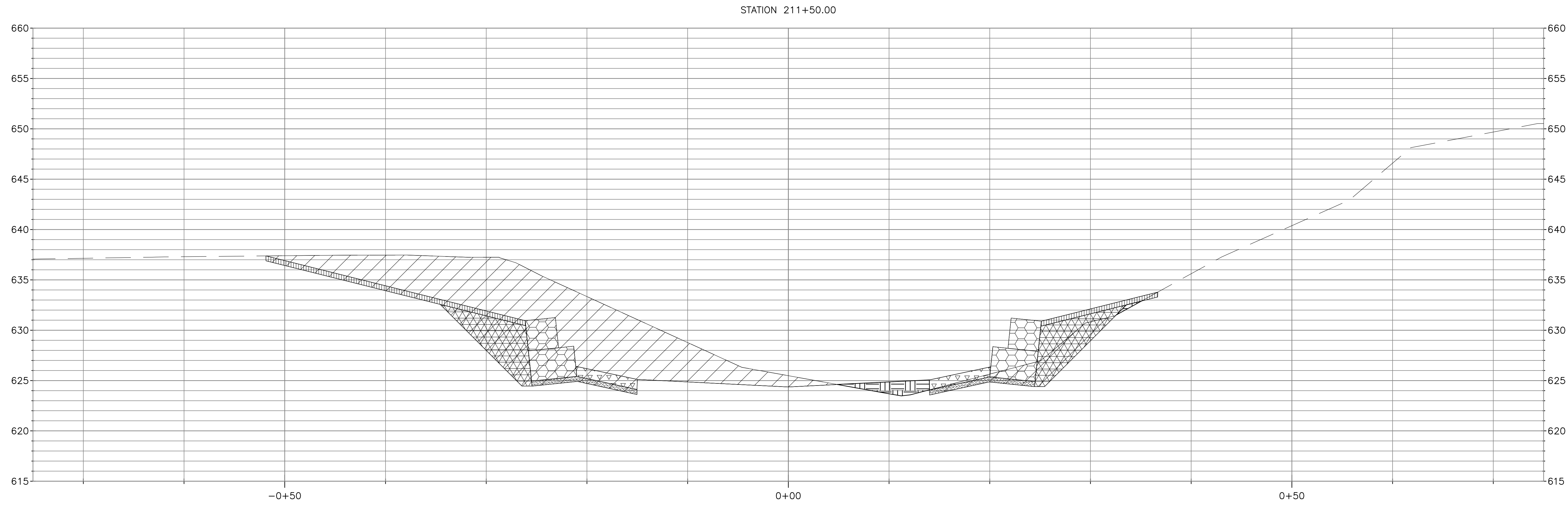
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 212+50 TO STA. 212+00

Sheet Number:
CG-757
 Page Number: 219

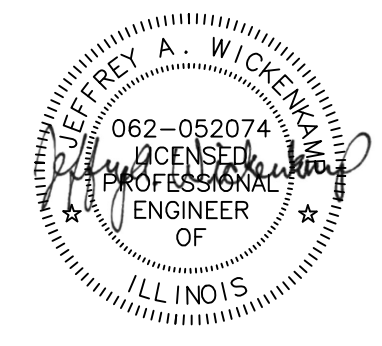
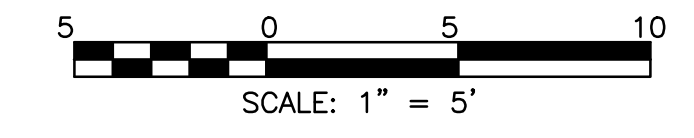
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERONS ROAD, SUITE 835
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 OFFICE (773) 699-9200
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 LICENSE NO. 18406287

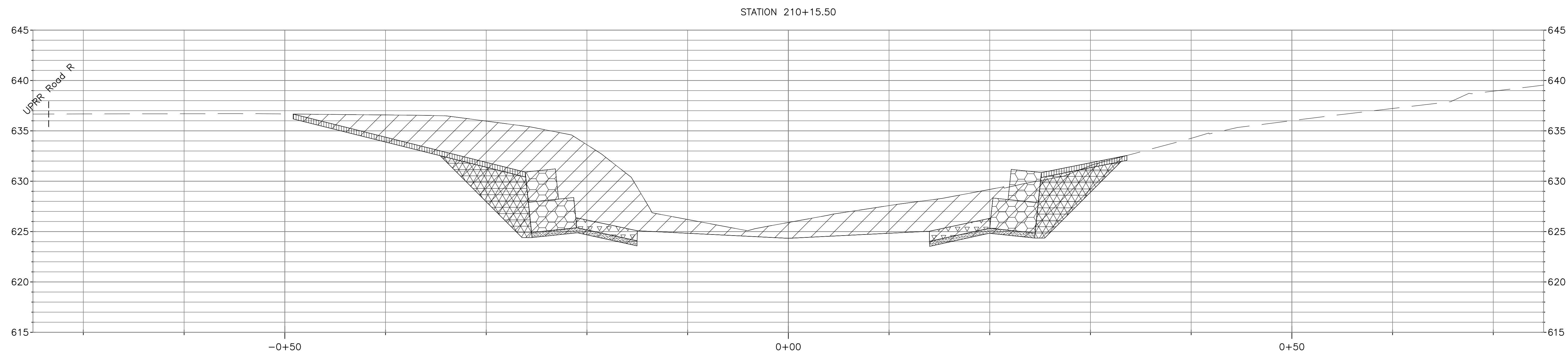
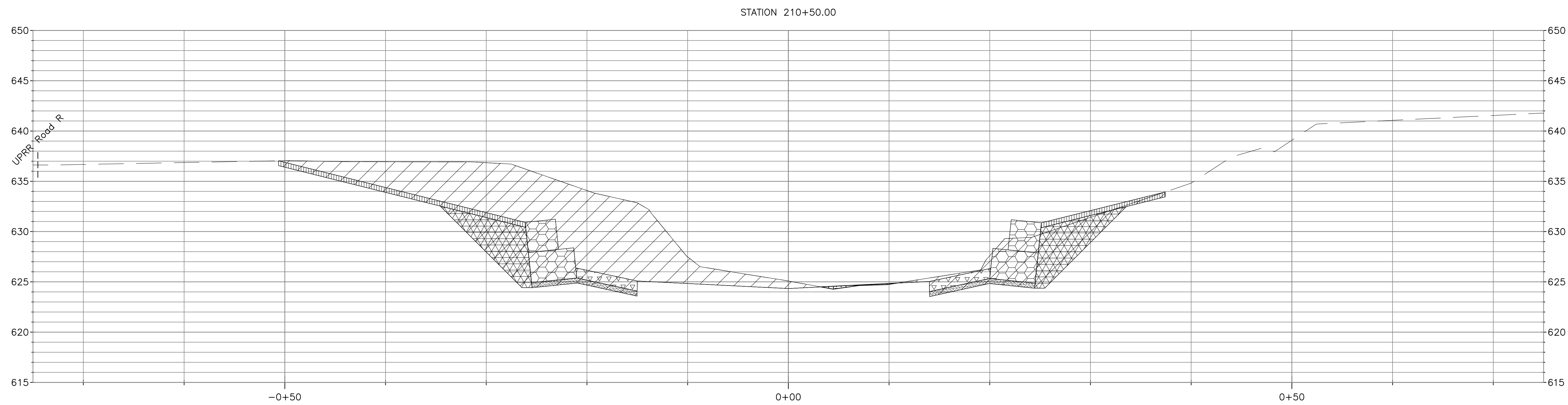
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 211+50 TO STA. 211+00

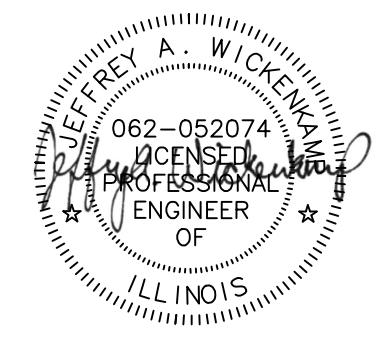
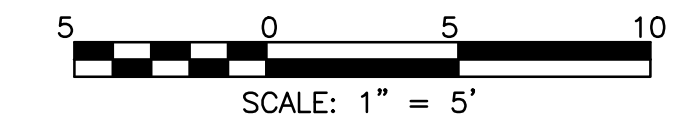
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LEGEND			
	CUT		STONE RIPRAP
	FILL		GRANULAR BACKFILL
	TOPSOIL		GABION MATTRESS
	SOLDIER PILE WALL		GABION BASKET
	TYPE "B" GUTTER		BOULDER TOE
	BEDDING STONE		PROPERTY LINE (PL)

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



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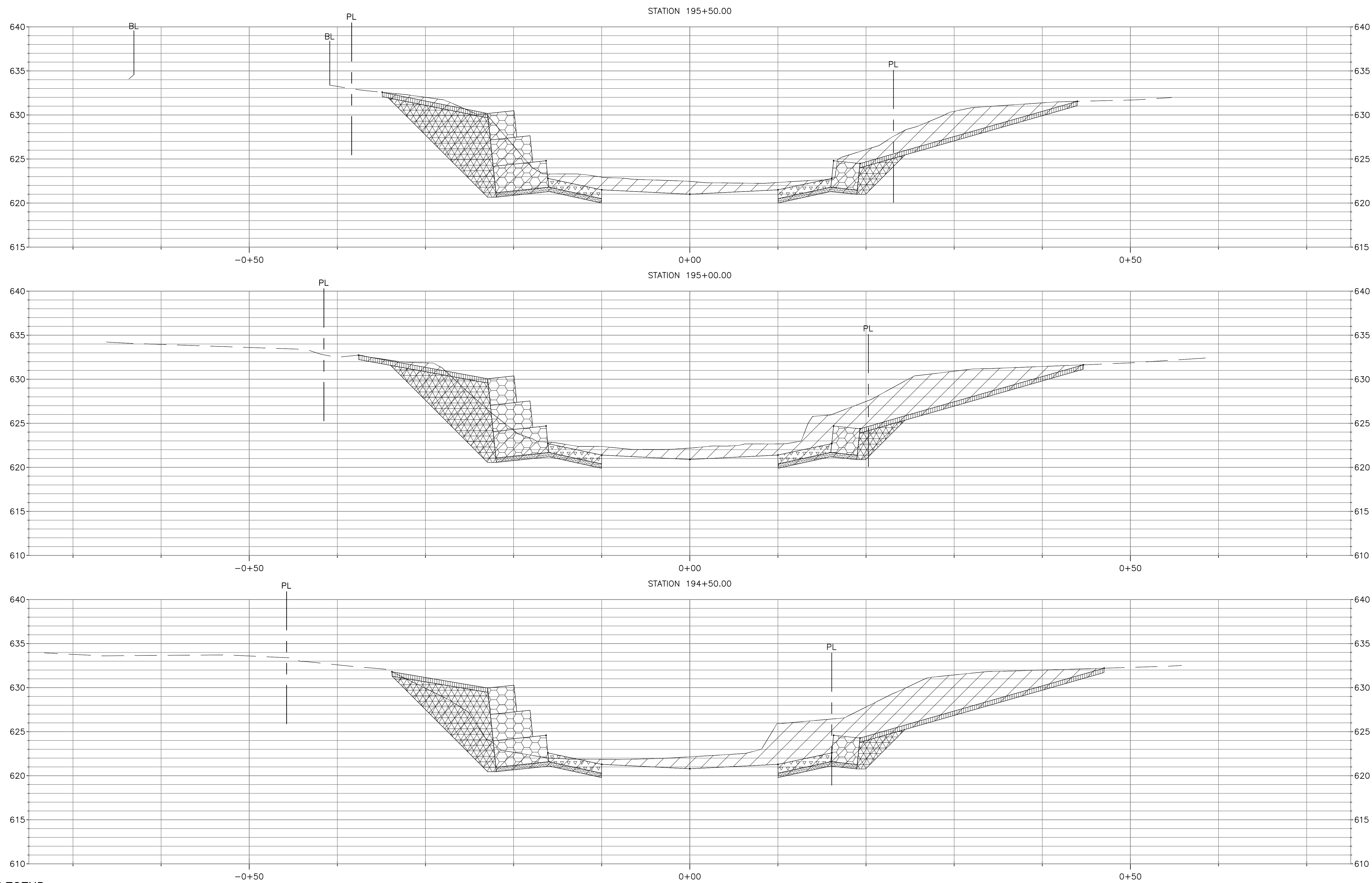
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 3
 STA. 210+50 TO STA. 210+15.50

Sheet Number:
CG-759
 Page Number: 221

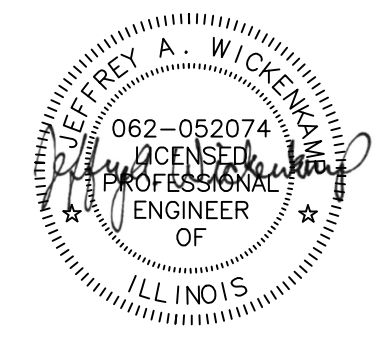
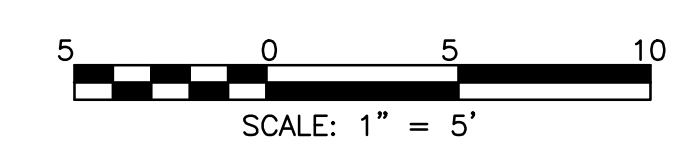
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 OF GREATER CHICAGO**

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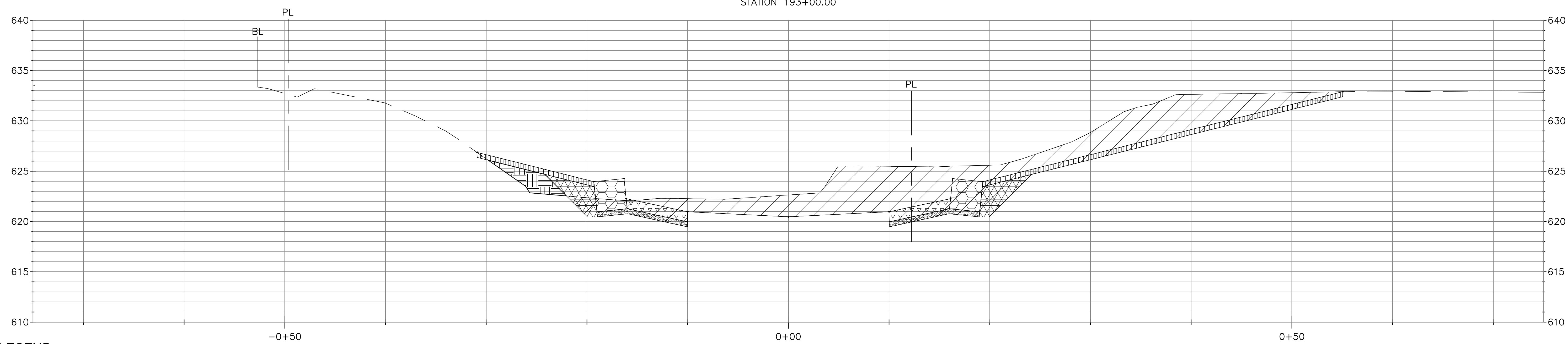
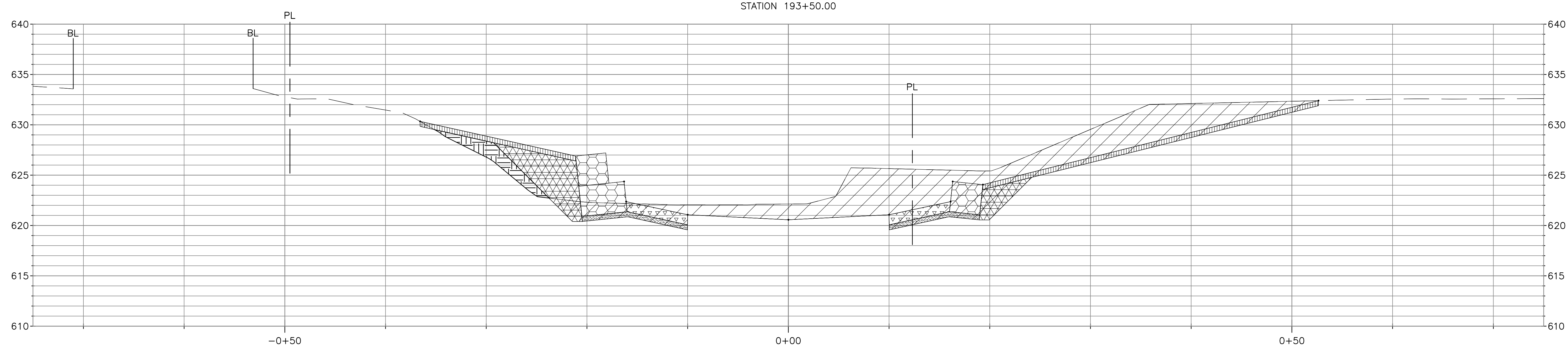
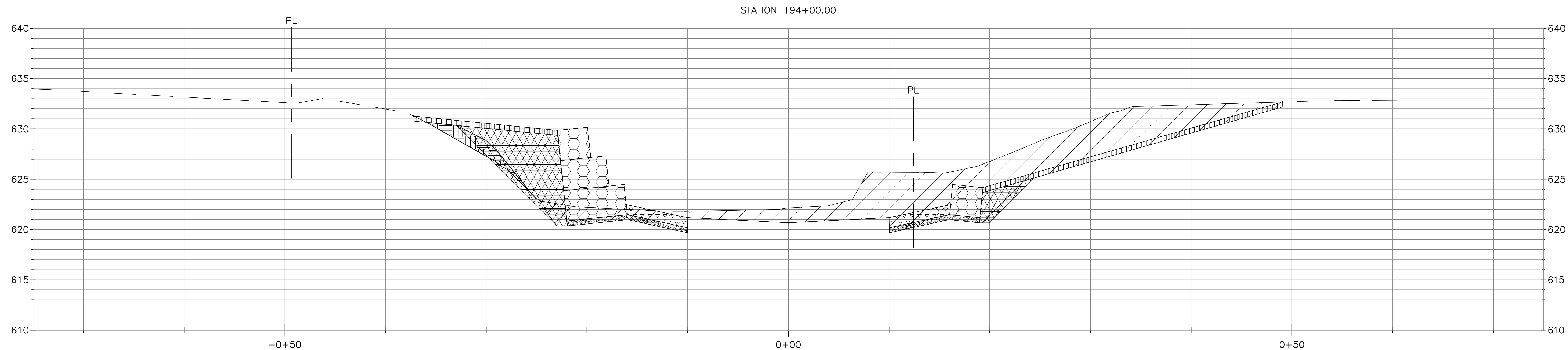
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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 4
 STA. 195+50 TO STA. 194+50

Sheet Number:
CG-761
 Page Number: 223

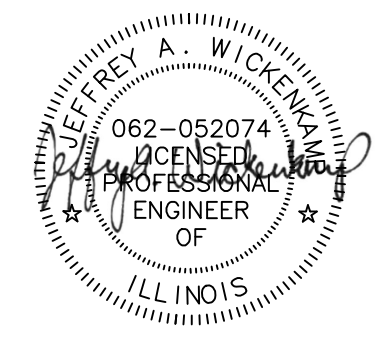
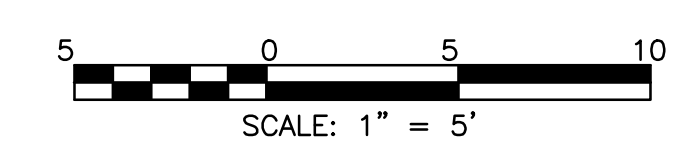
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 OFFICE (773) 695-9200
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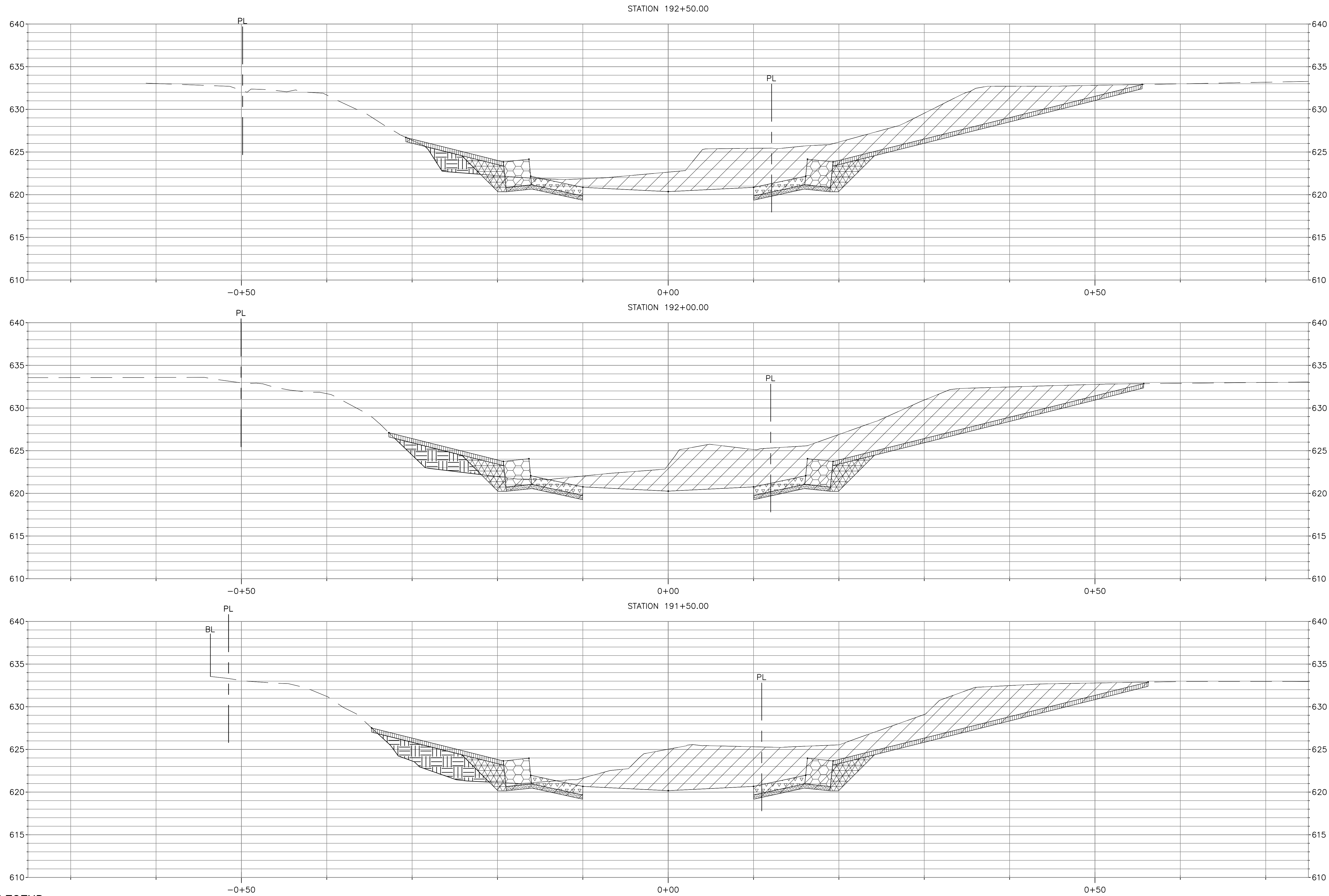
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 4
 STA. 194+00 TO STA. 193+00

Sheet Number:
CG-762
 Page Number: 224

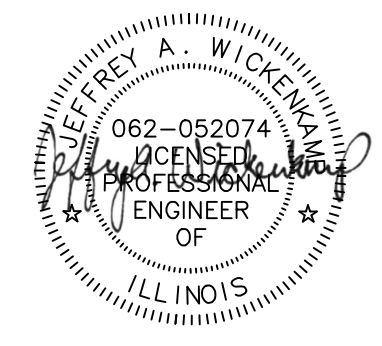
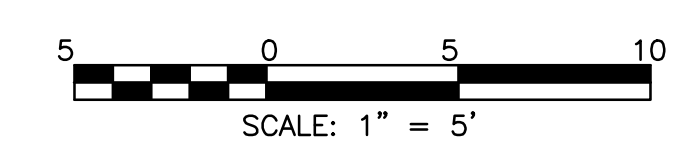
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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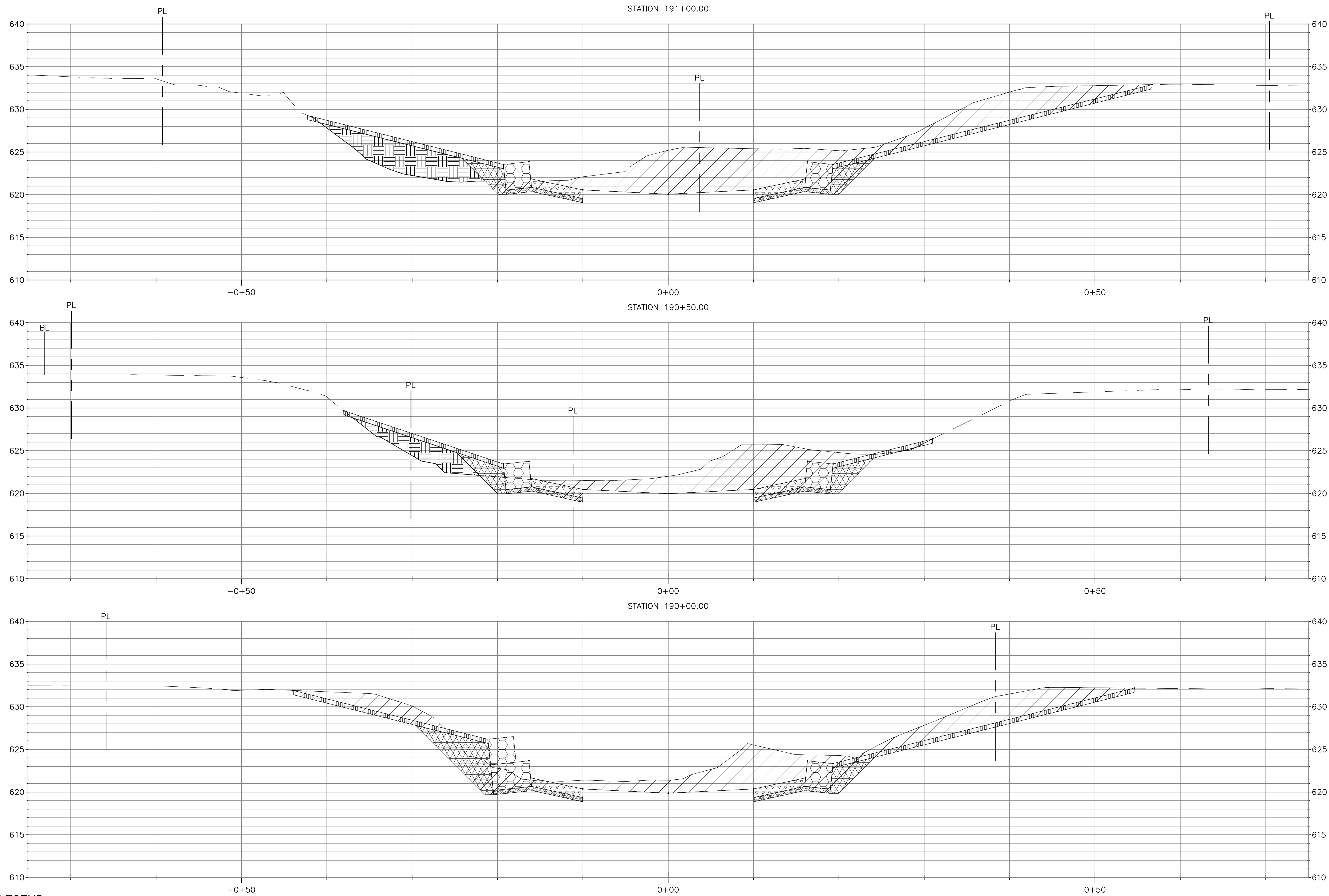
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 4
 STA. 192+50 TO STA. 191+50

Sheet Number:
CG-763
 Page Number: 225

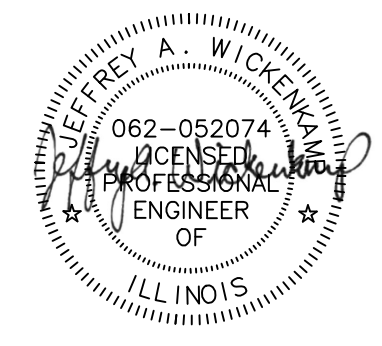
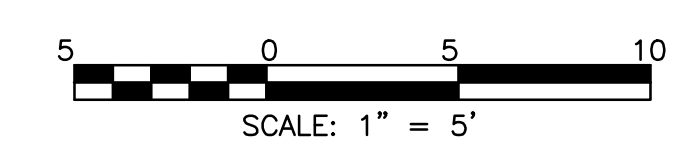
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM
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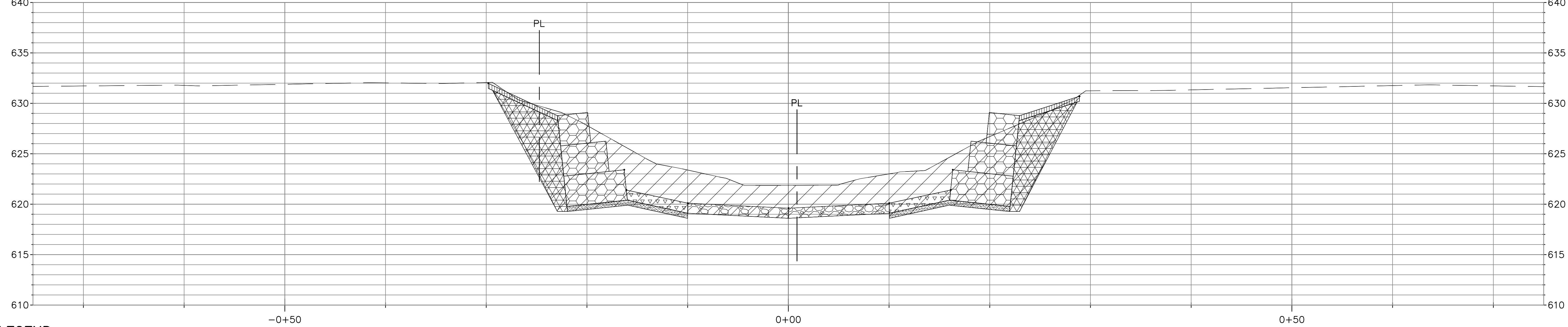
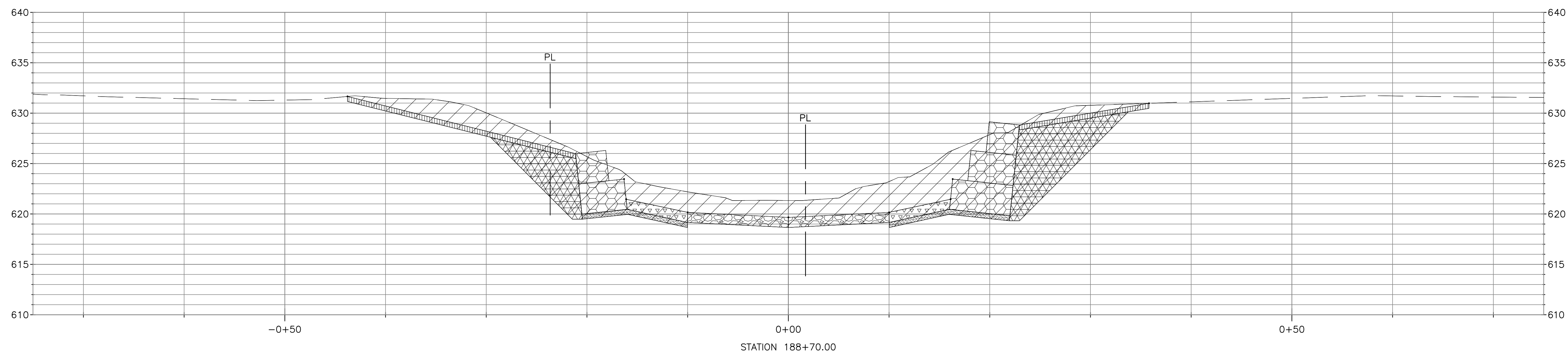
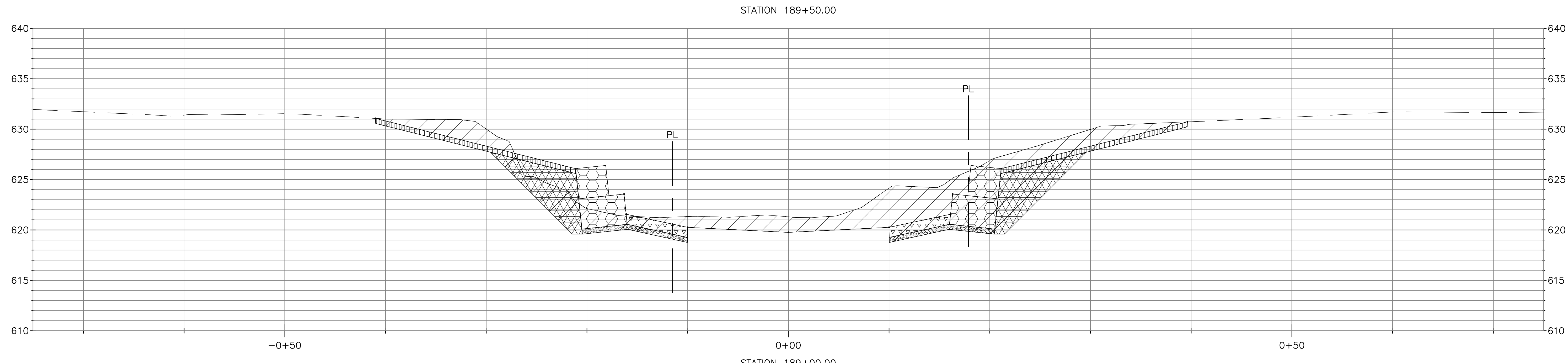
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 4
 STA. 191+00 TO STA. 190+00

Sheet Number:
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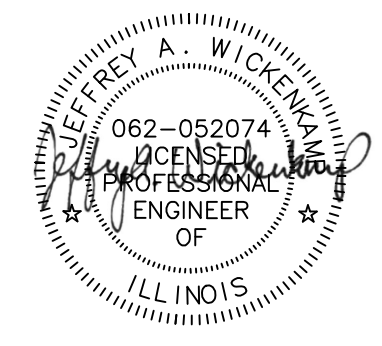
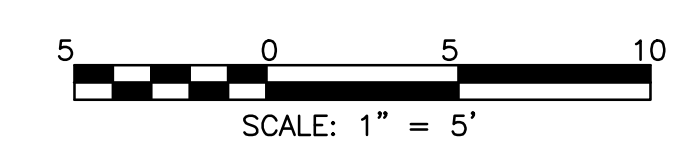
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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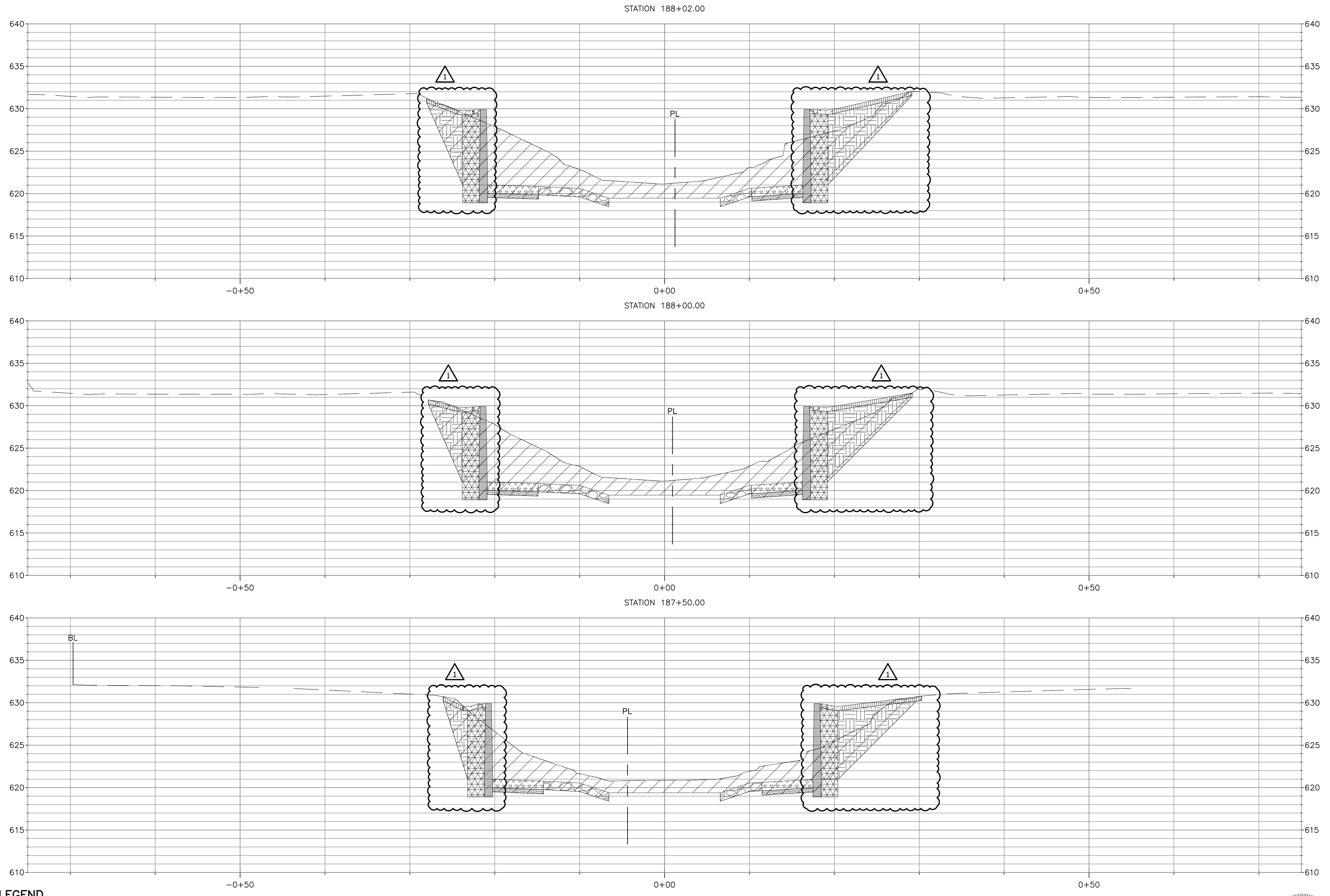
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 4
 STA. 189+50 TO STA. 188+50

Sheet Number:
CG-765
 Page Number: 227

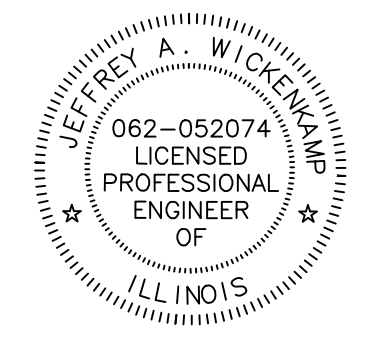
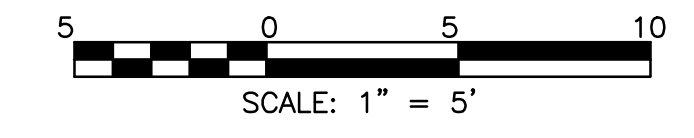
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 8755 WEST HERGANS ROAD, SUITE 835
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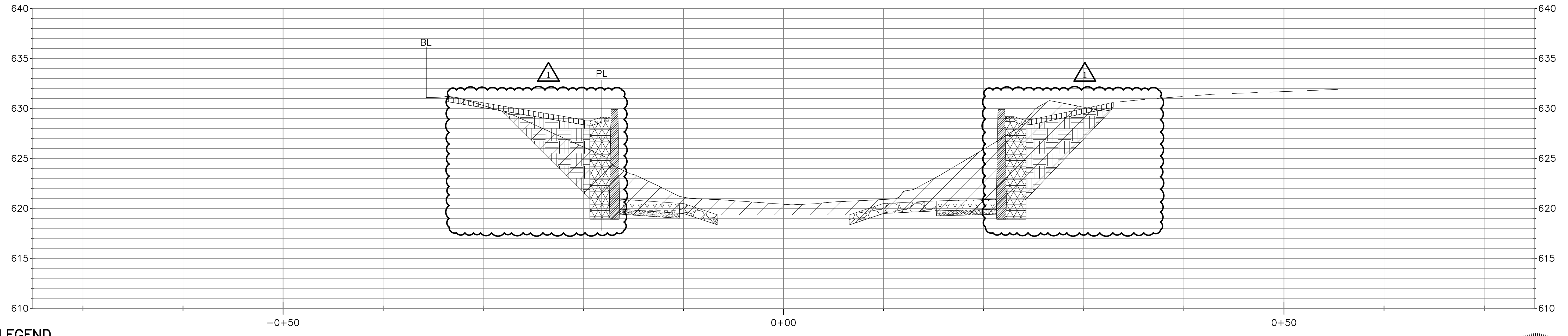
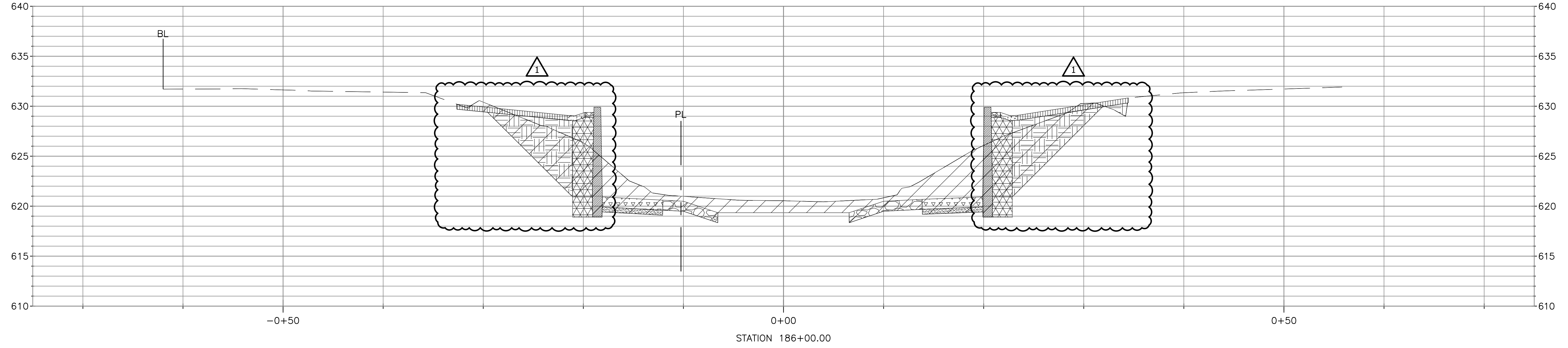
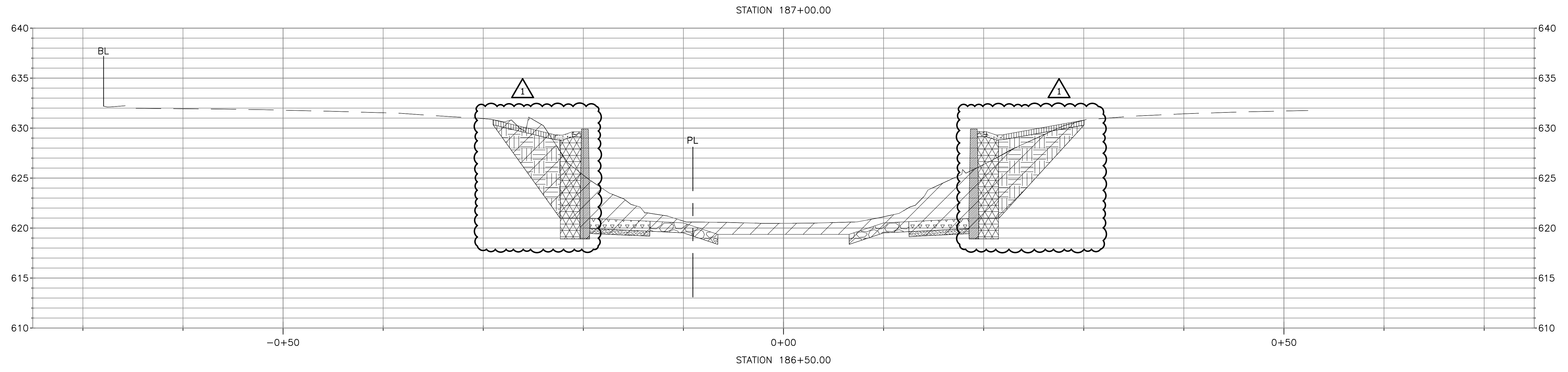
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 5
 STA. 188+02 TO STA. 187+50

Sheet Number:
CG-766
 Page Number: 228

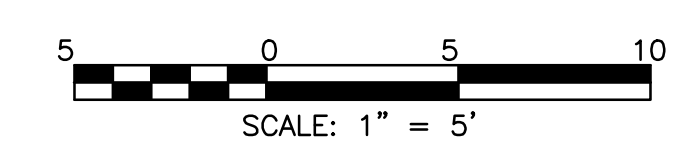
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 8755 WEST HERGANS ROAD, SUITE 835
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 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM
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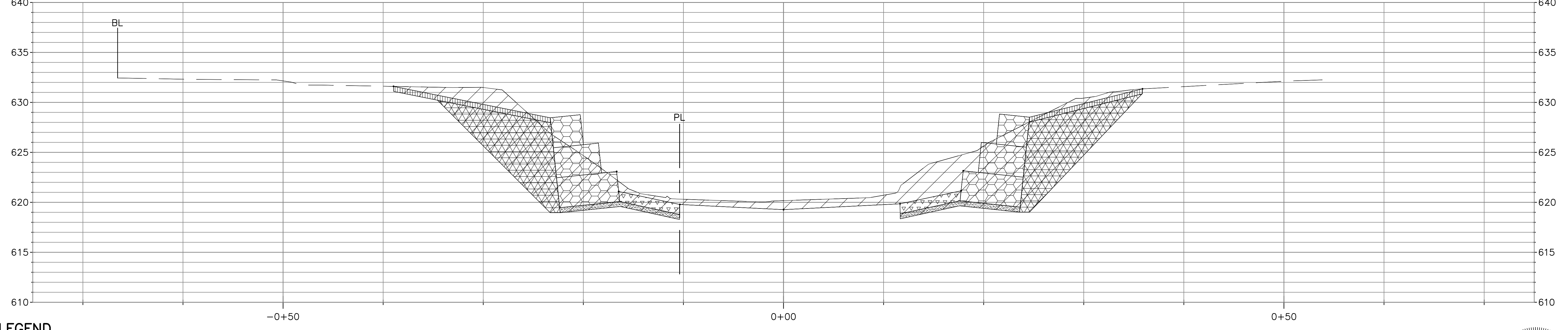
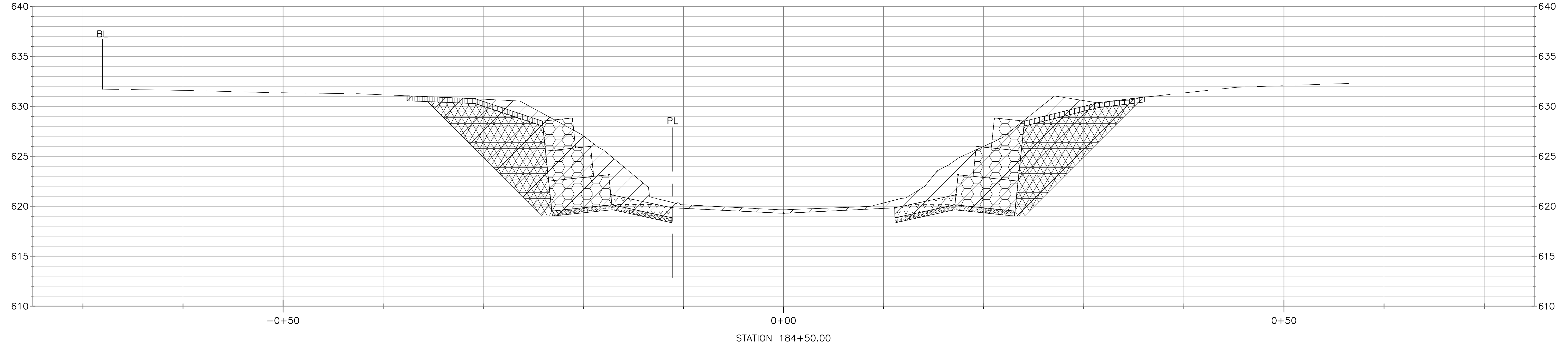
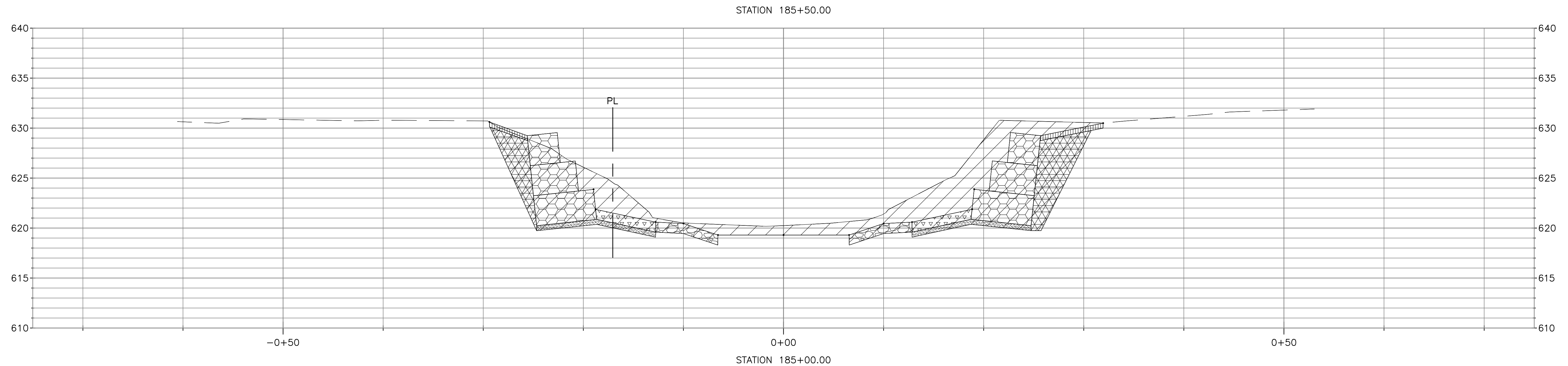
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 5
 STA. 187+00 TO STA. 186+00

Sheet Number:
CG-767
 Page Number: 229

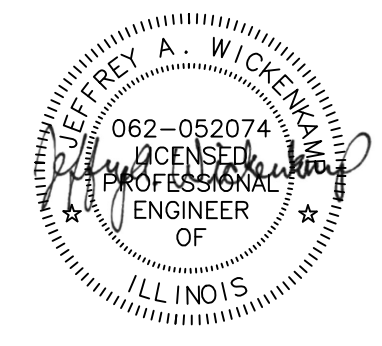
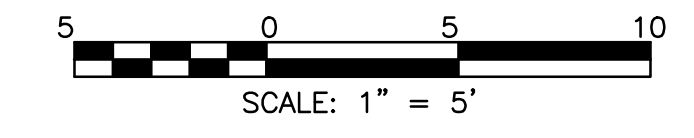
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

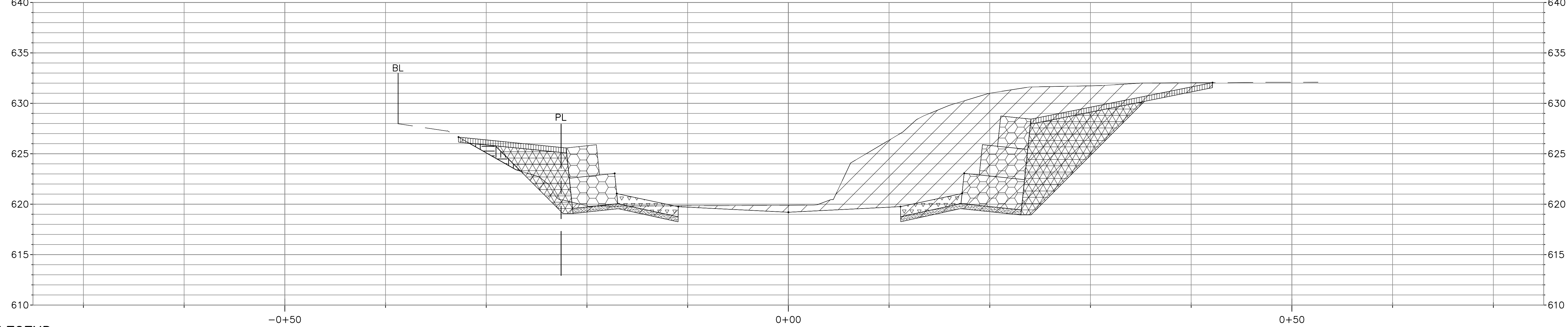
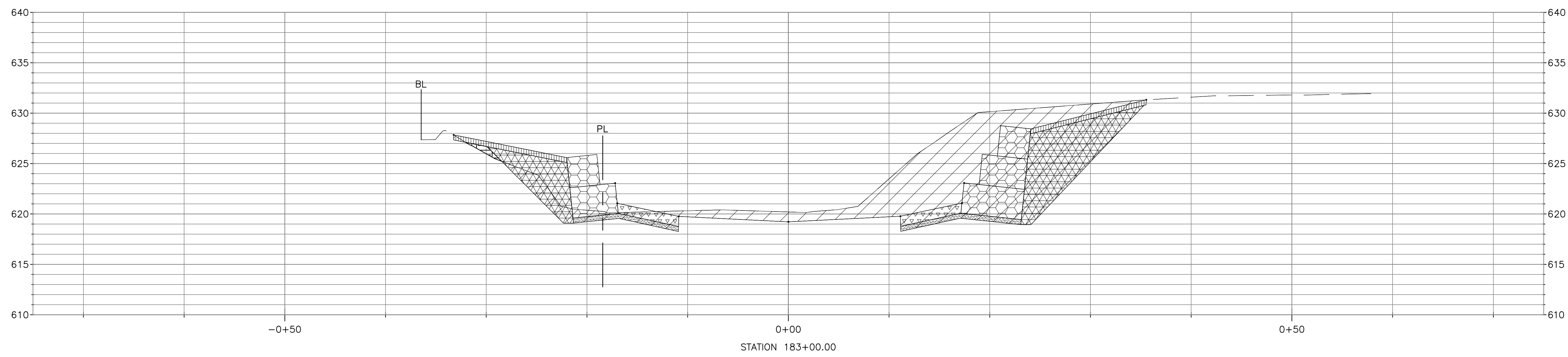
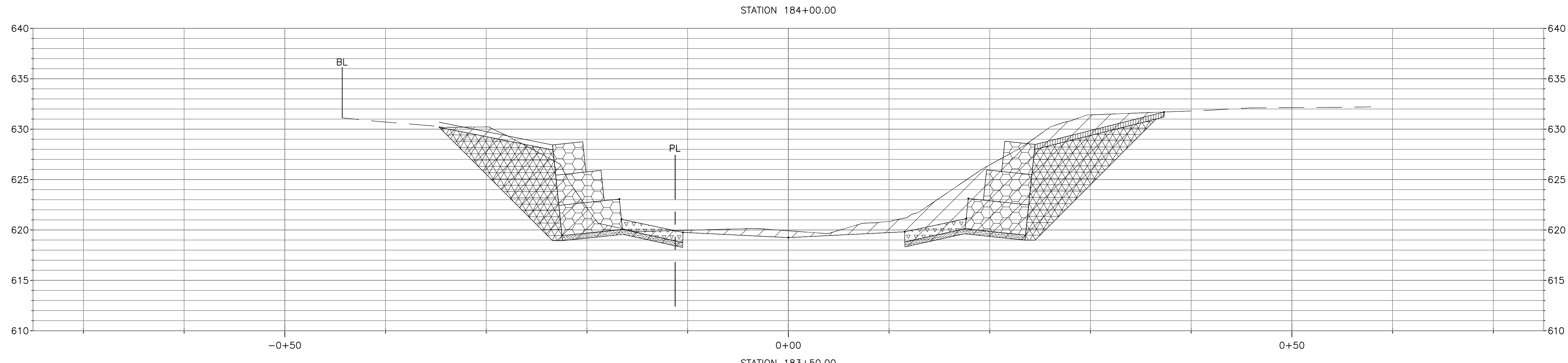
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 5
 STA. 185+50 TO STA. 184+50

Sheet Number:
CG-768
 Page Number: 230

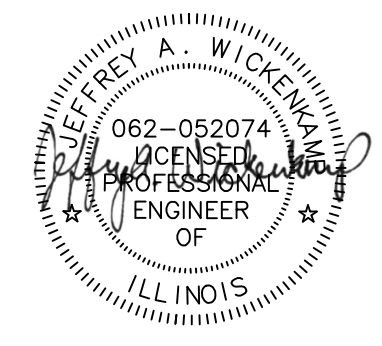
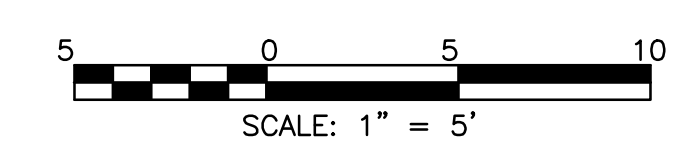
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
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 CG-302 AND CG-303.



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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184042B

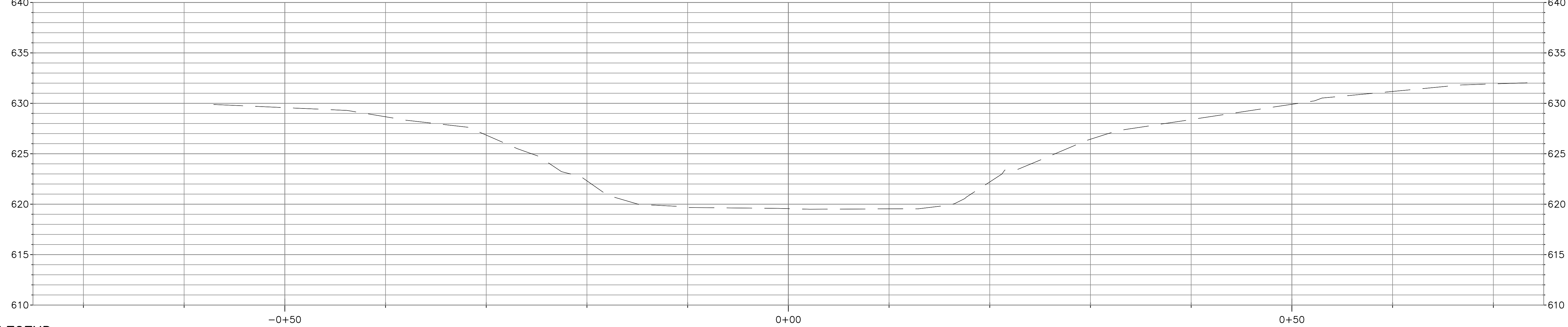
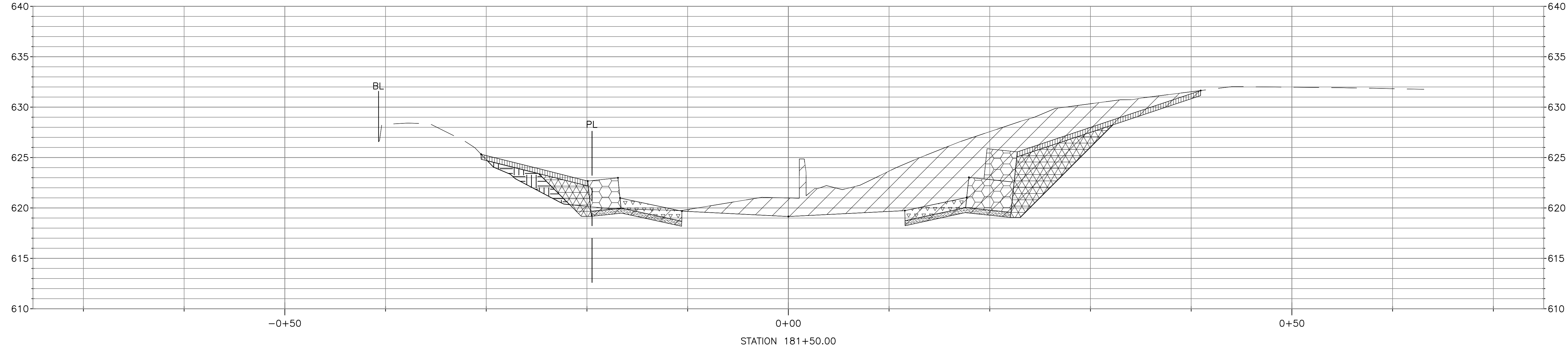
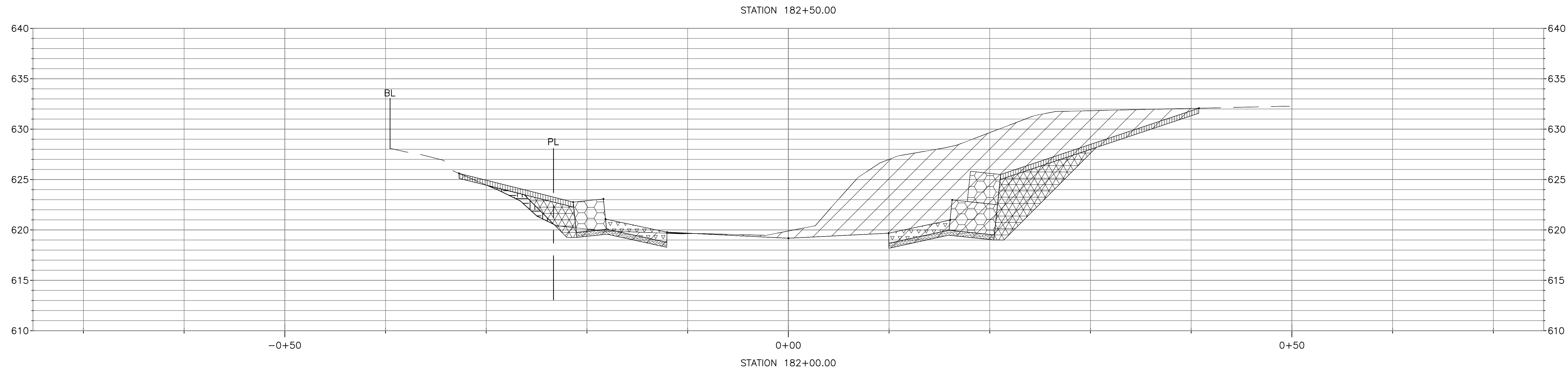
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 5
 STA. 184+00 TO STA. 183+00

Sheet Number:
CG-769
 Page Number: 231

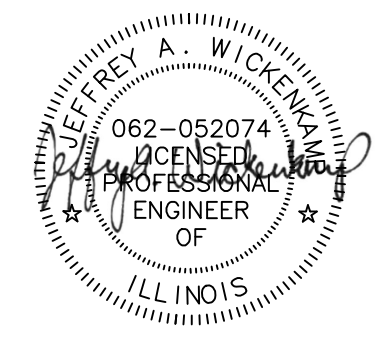
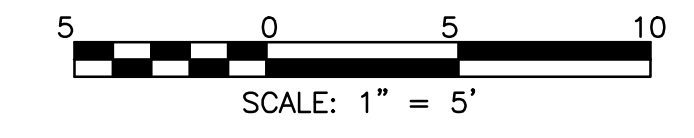
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

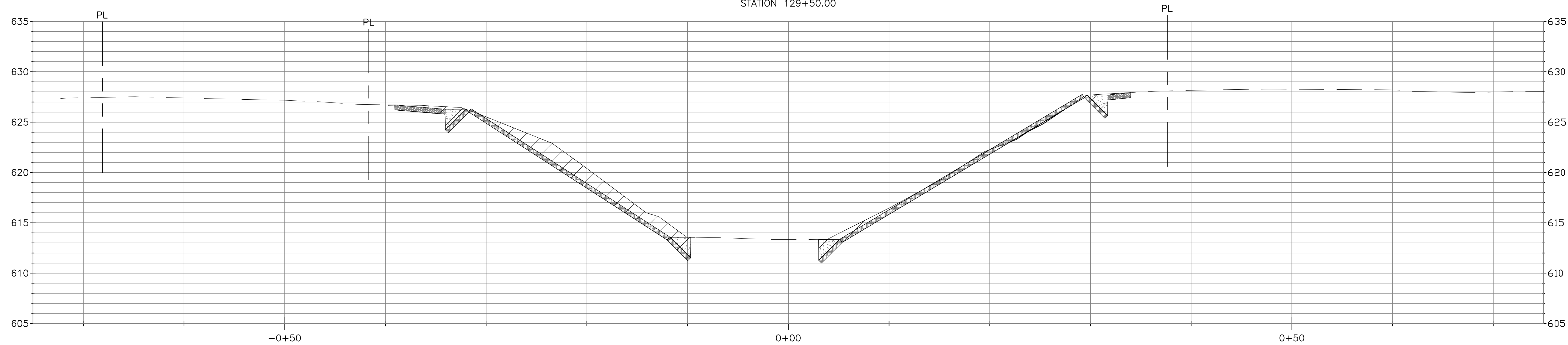
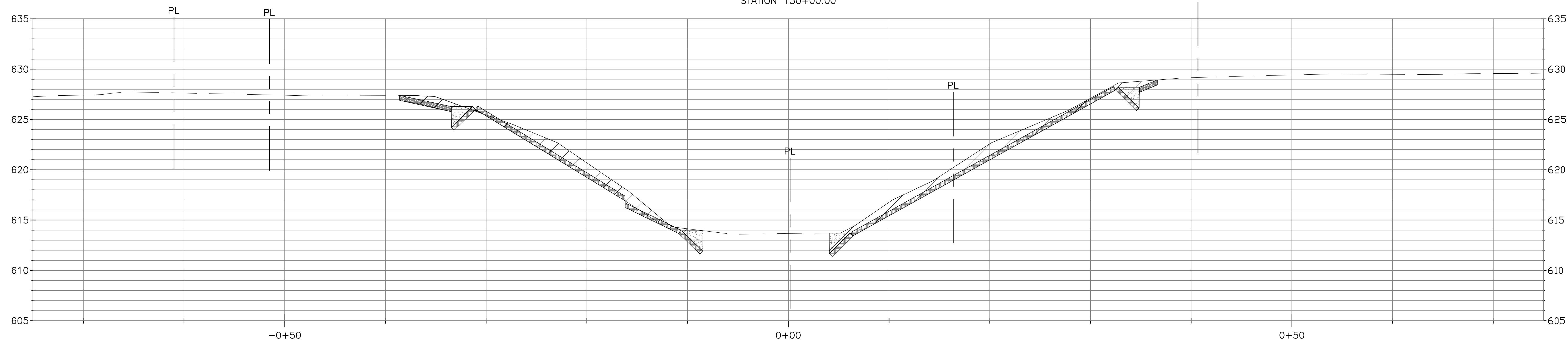
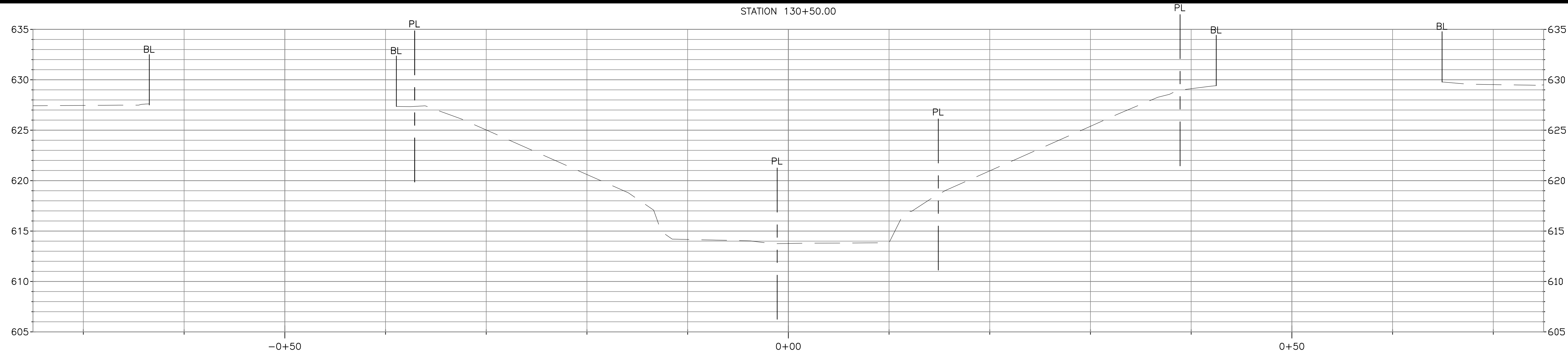
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 5
 STA. 182+50 TO STA. 181+50

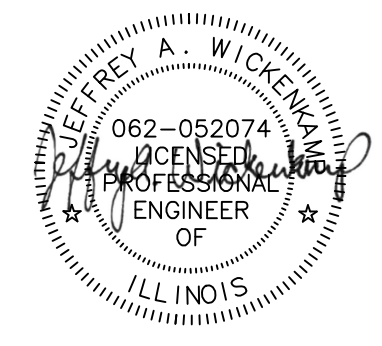
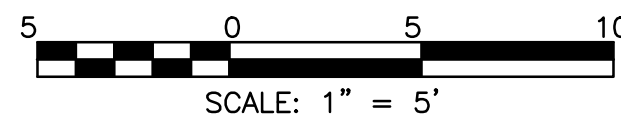
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LEGEND			
	CUT		COURSE AGGREGATE
	FILL		CONCRETE GROUT
	ARTICULATING CONCRETE BLOCK		TOPSOIL
	HMA SURFACE COURSE		HMA BINDER COURSE
	CURB AND GUTTER		AGGREGATE BASE COURSE
			PROPERTY LINE (PL)
			BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRMS
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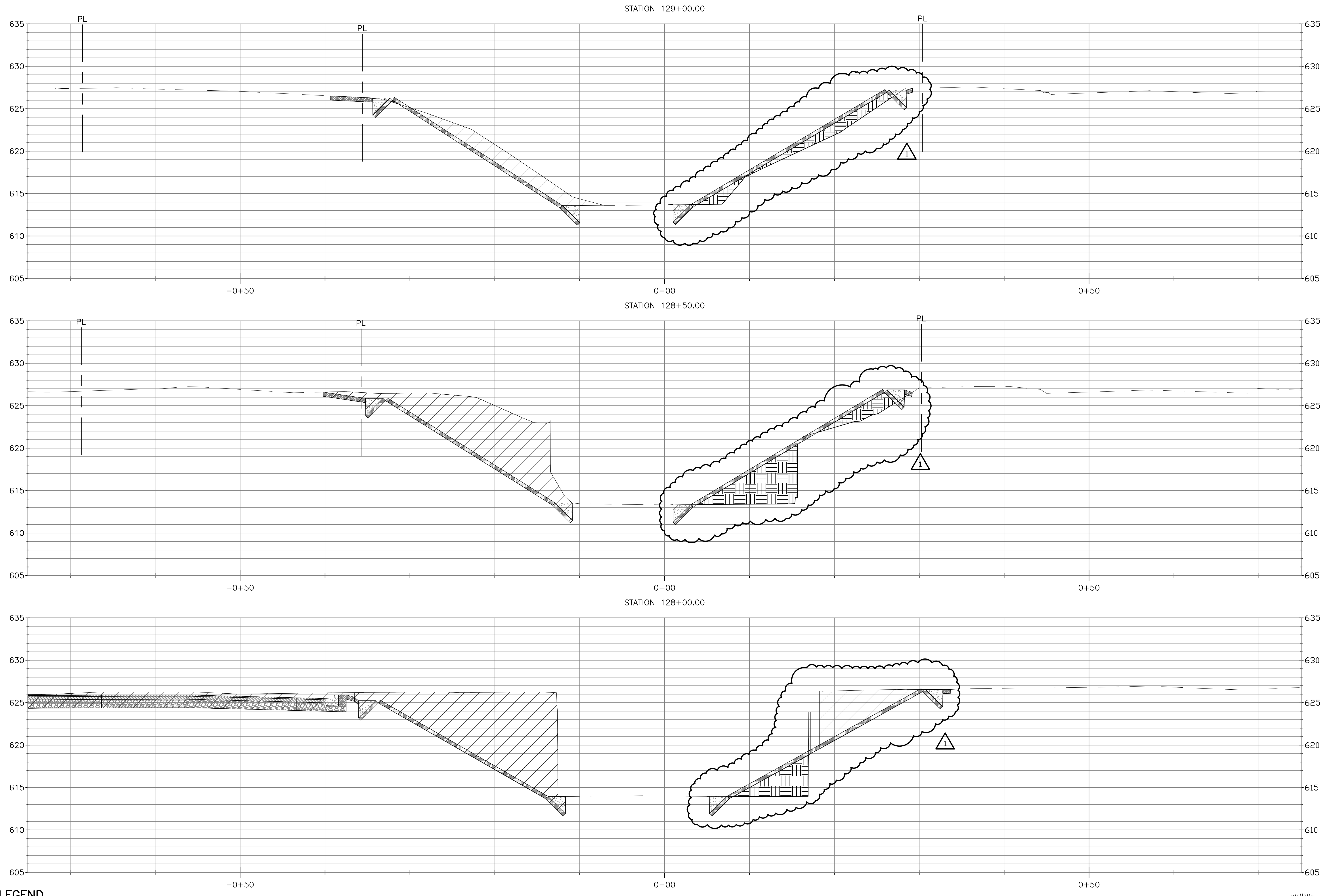
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 130+50 TO STA. 129+50

Sheet Number:
CG-771
 Page Number: 233

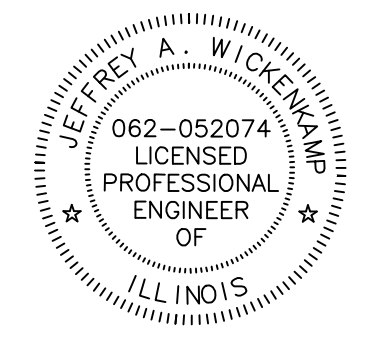
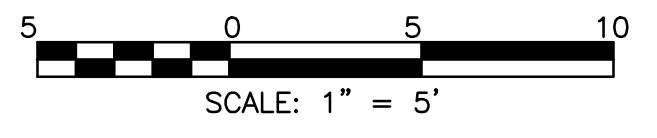
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LEGEND

	CUT		COURSE AGGREGATE		HMA SURFACE COURSE		CURB AND GUTTER
	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
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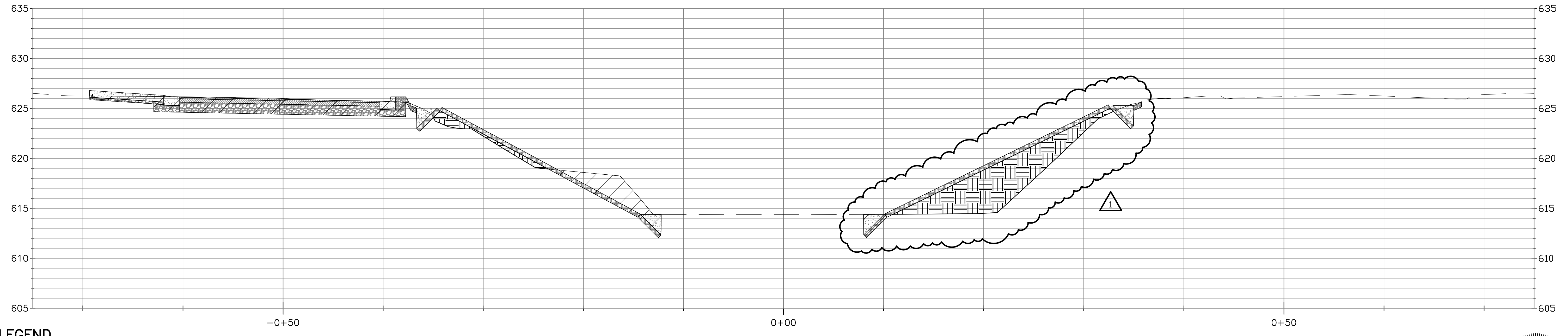
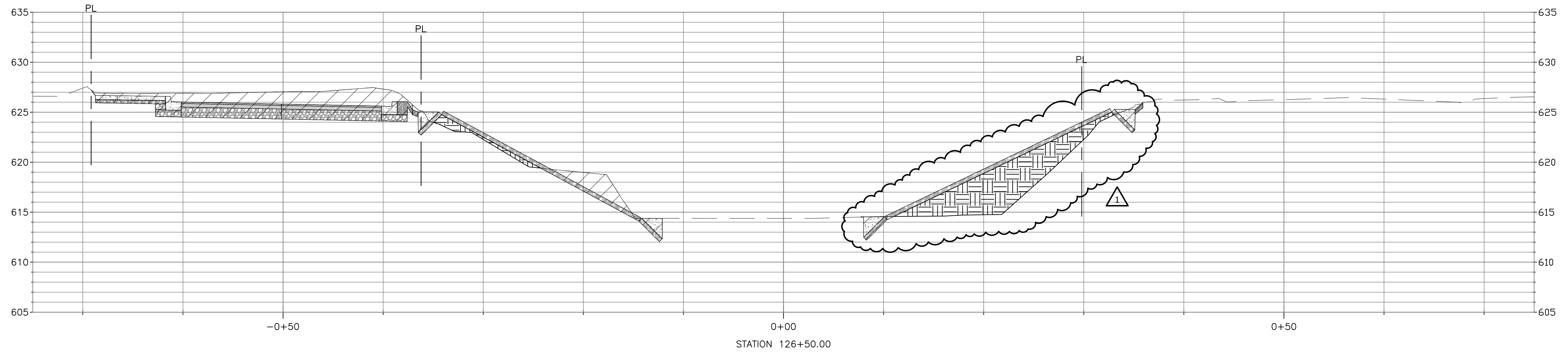
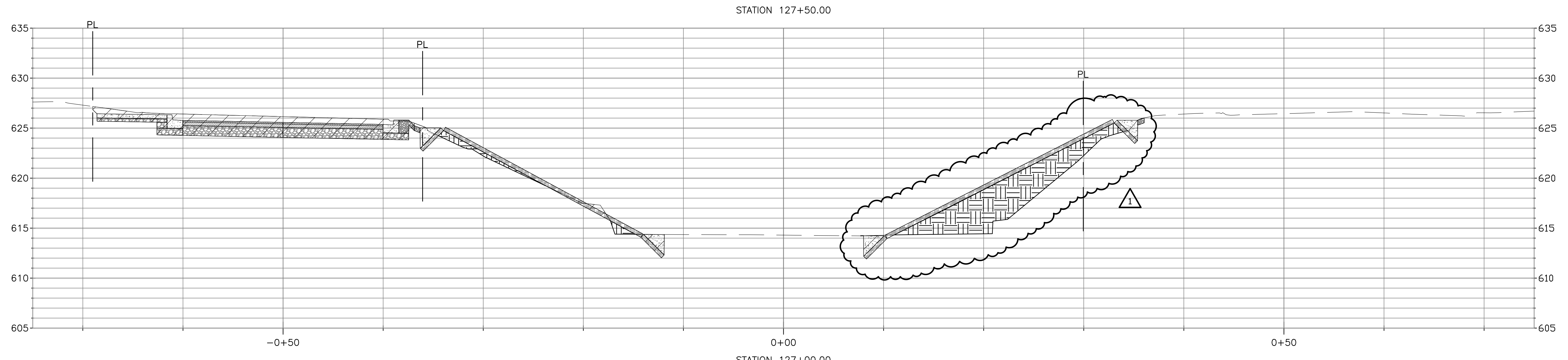
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 129+00 TO STA. 128+00

Sheet Number:
CG-772
 Page Number: 234

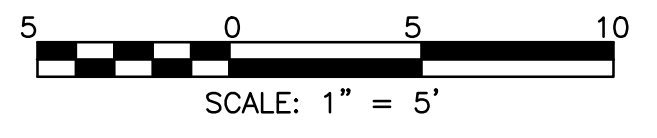
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LEGEND

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	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM

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Correct:		

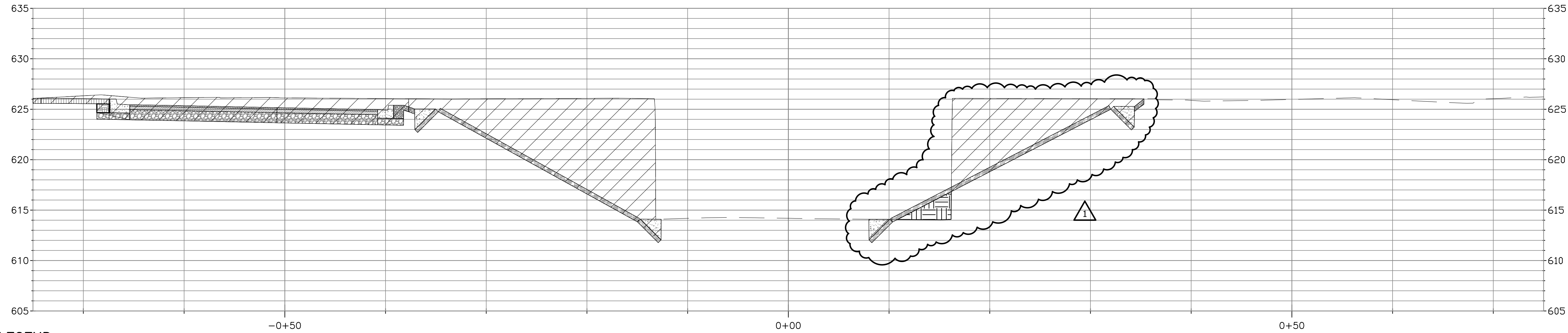
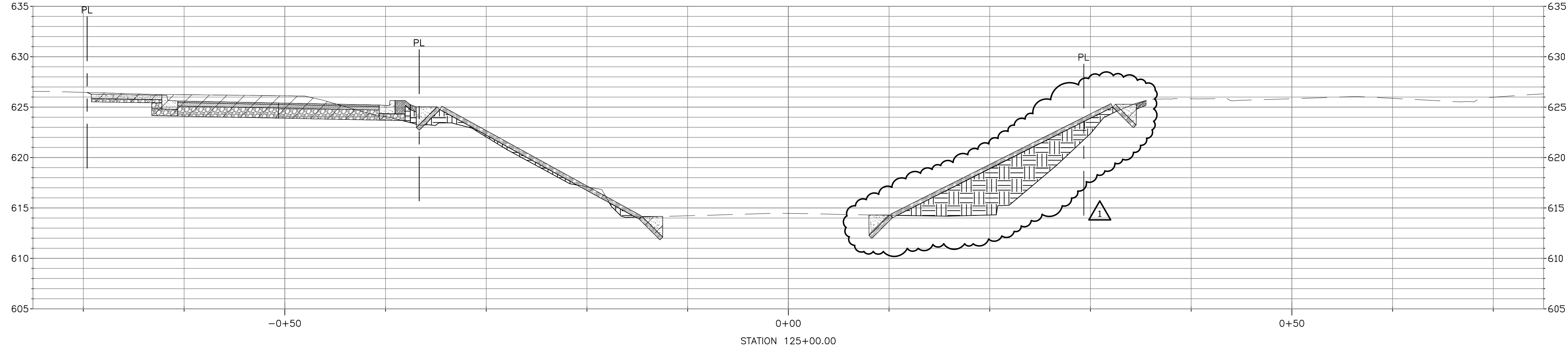
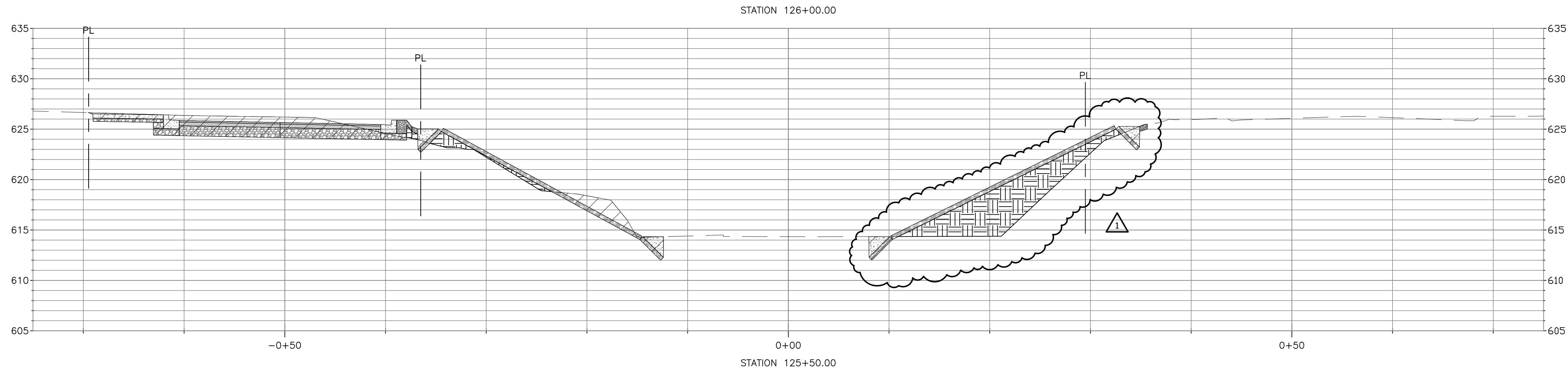
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 127+50 TO STA. 126+50

Sheet Number:
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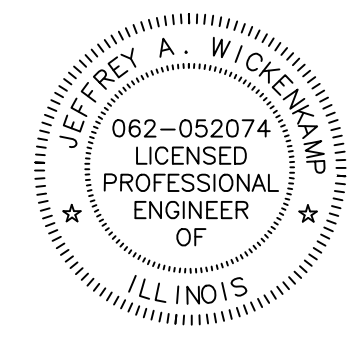
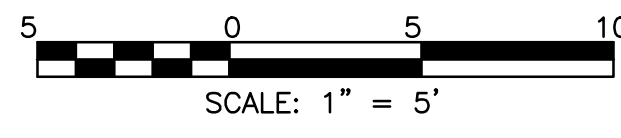
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LEGEND

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	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
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SCALE: AS SHOWN
 DATE: 2022

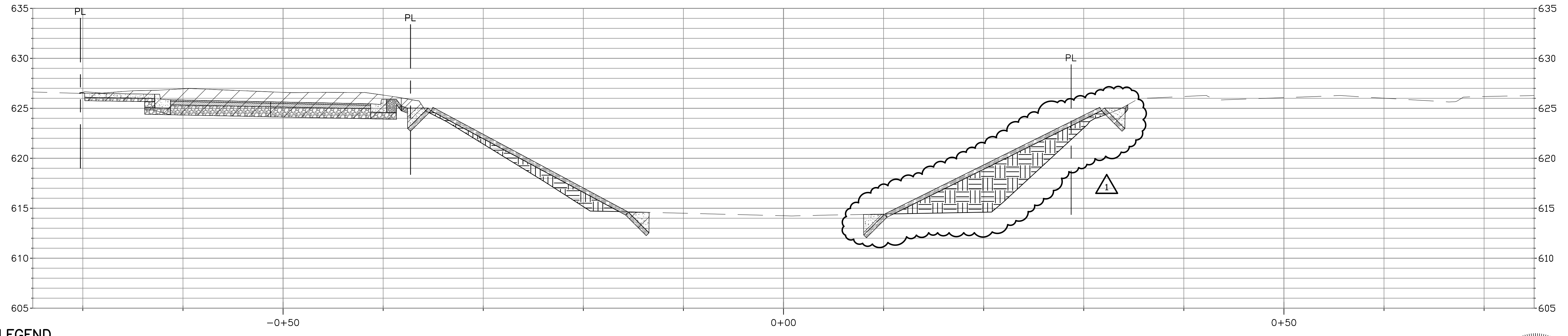
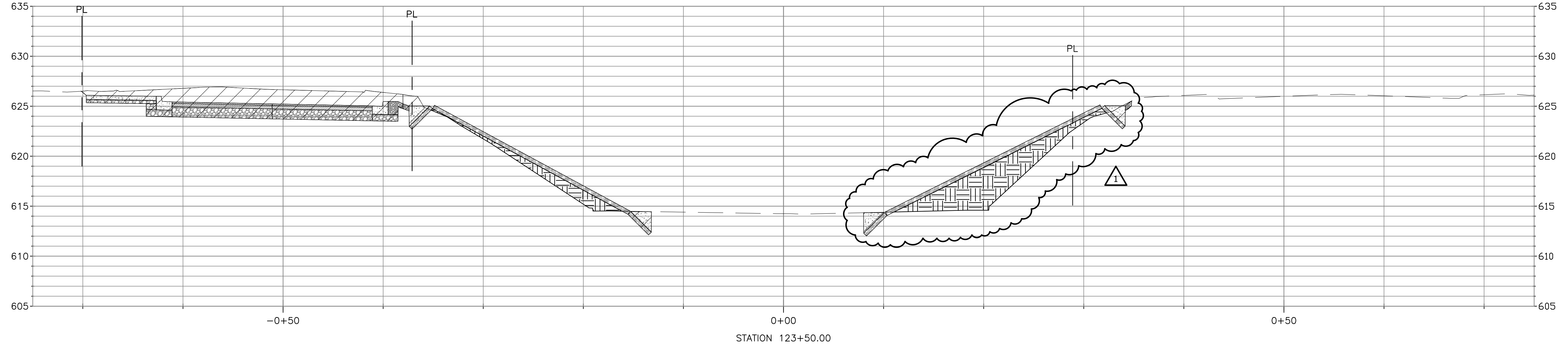
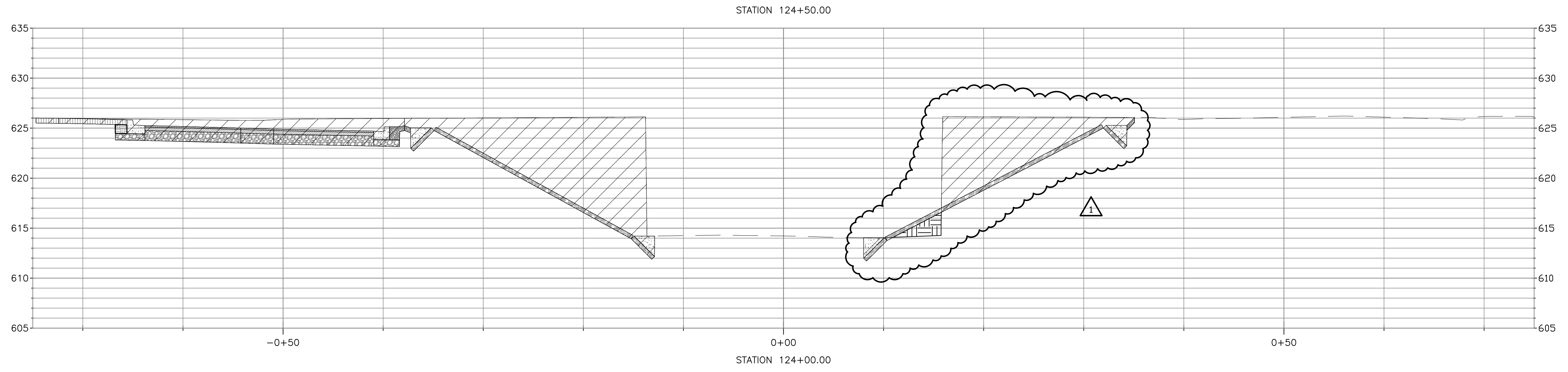
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 126+00 TO STA. 125+00

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CG-774
 Page Number: 236

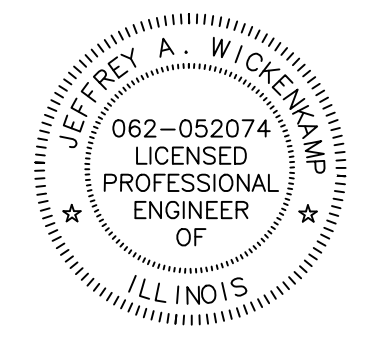
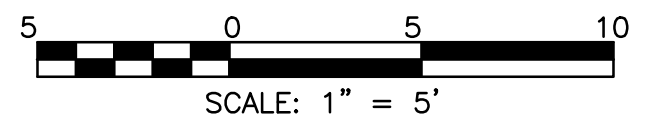
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LEGEND

	CUT		COURSE AGGREGATE		HMA SURFACE COURSE		CURB AND GUTTER
	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM

DESIGNED BY: TCT
 CHECKED BY: PML
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 CORRECT: TCT

SCALE: AS SHOWN
 DATE: 2022

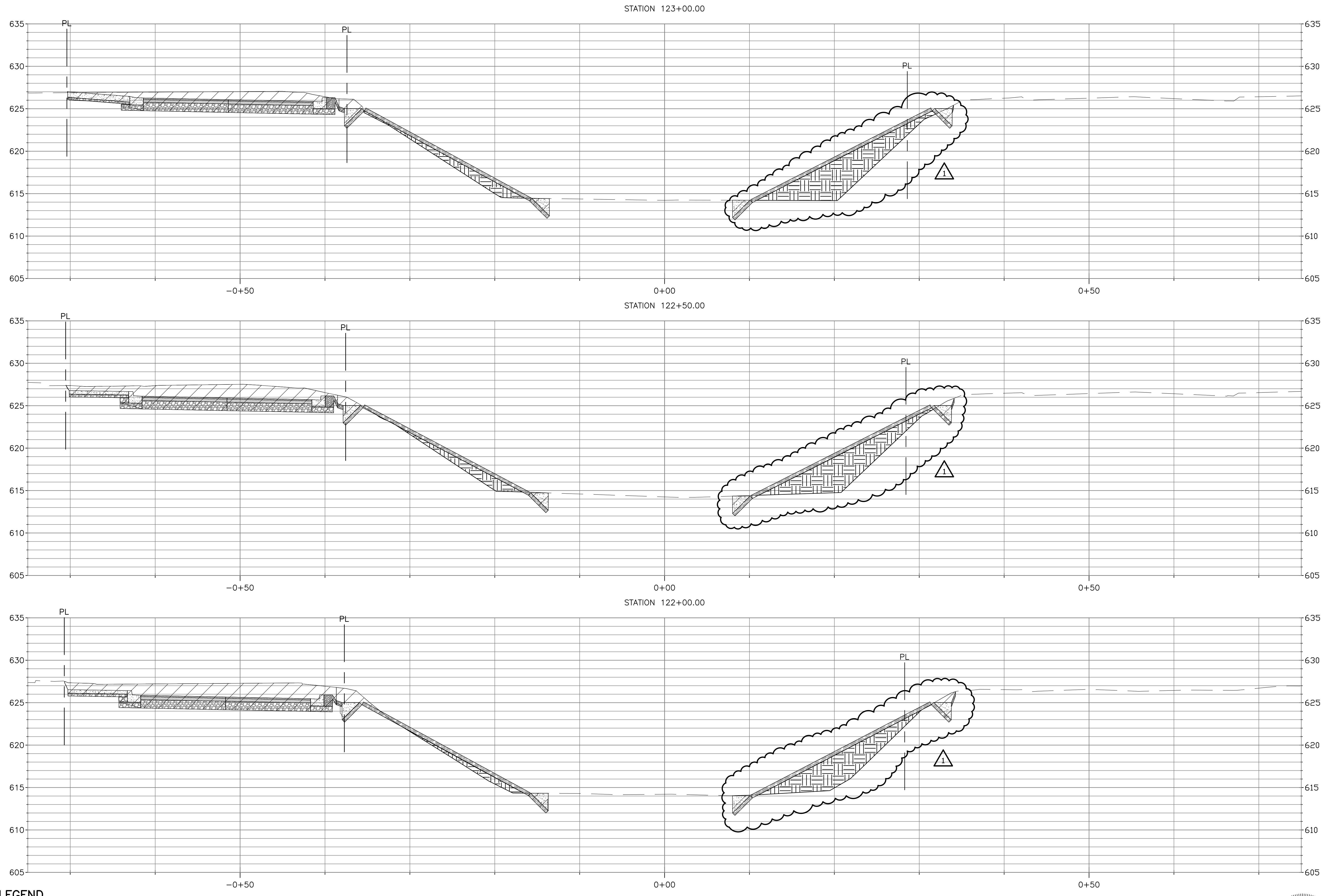
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 124+50 TO STA. 123+50

Sheet Number:
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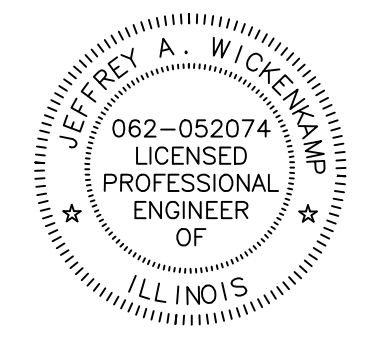
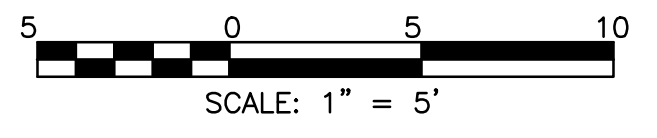
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LEGEND

	CUT		COURSE AGGREGATE		HMA SURFACE COURSE		CURB AND GUTTER
	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM

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 CHECKED BY: PML
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SCALE: AS SHOWN
 DATE: 2022

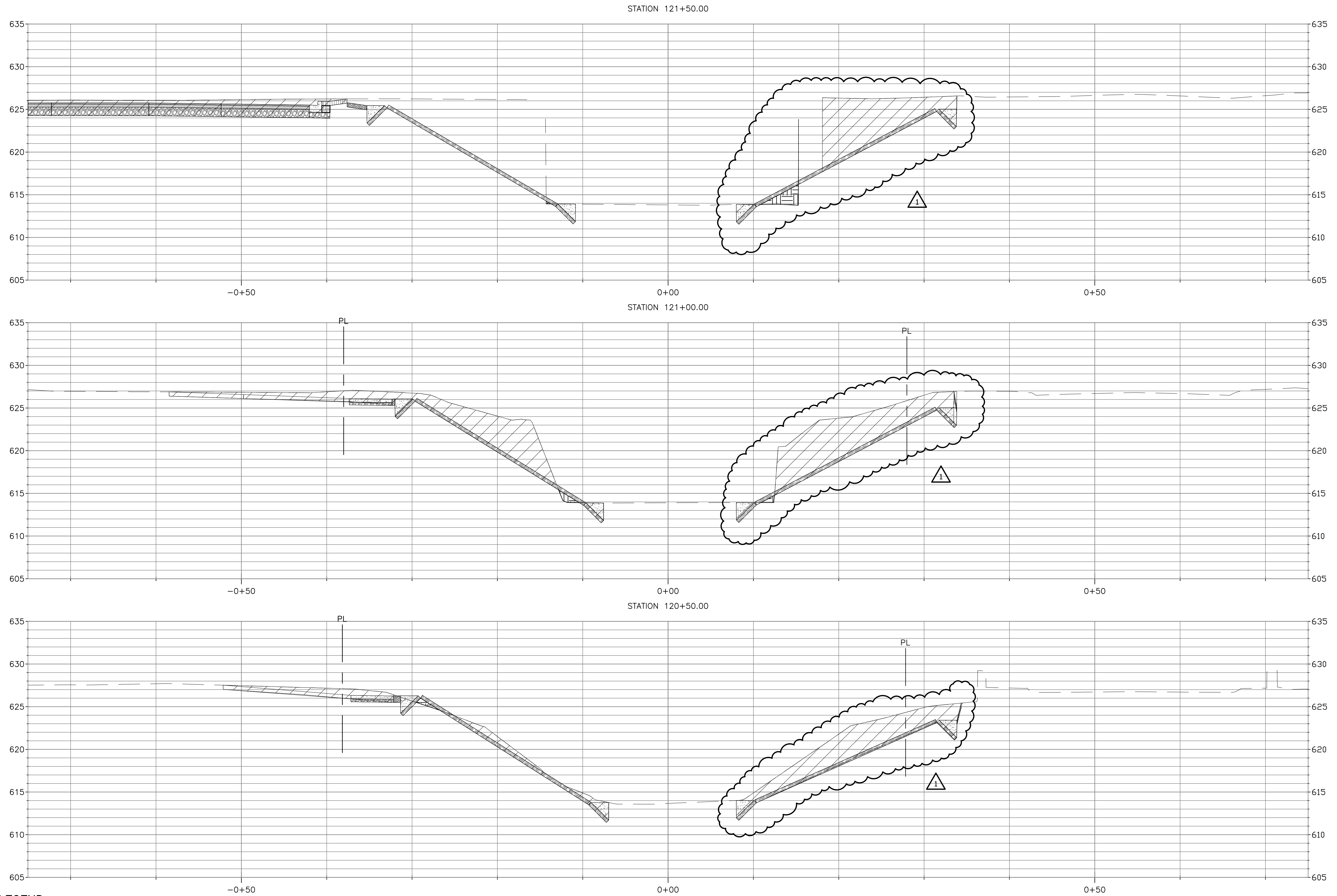
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 123+00 TO STA. 122+00

Sheet Number:
CG-776
 Page Number: 238

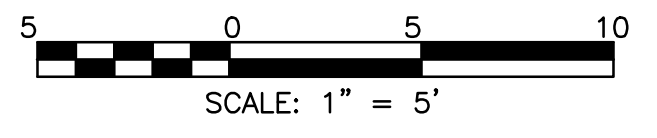
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LEGEND

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	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:
 1. FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
 2. FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYASAC.COM

Designed by: TCT	Checked by: PML	Scale: AS SHOWN
Drawn by: TCT	Reviewed by: JAW	Date: 2022
Correct:		

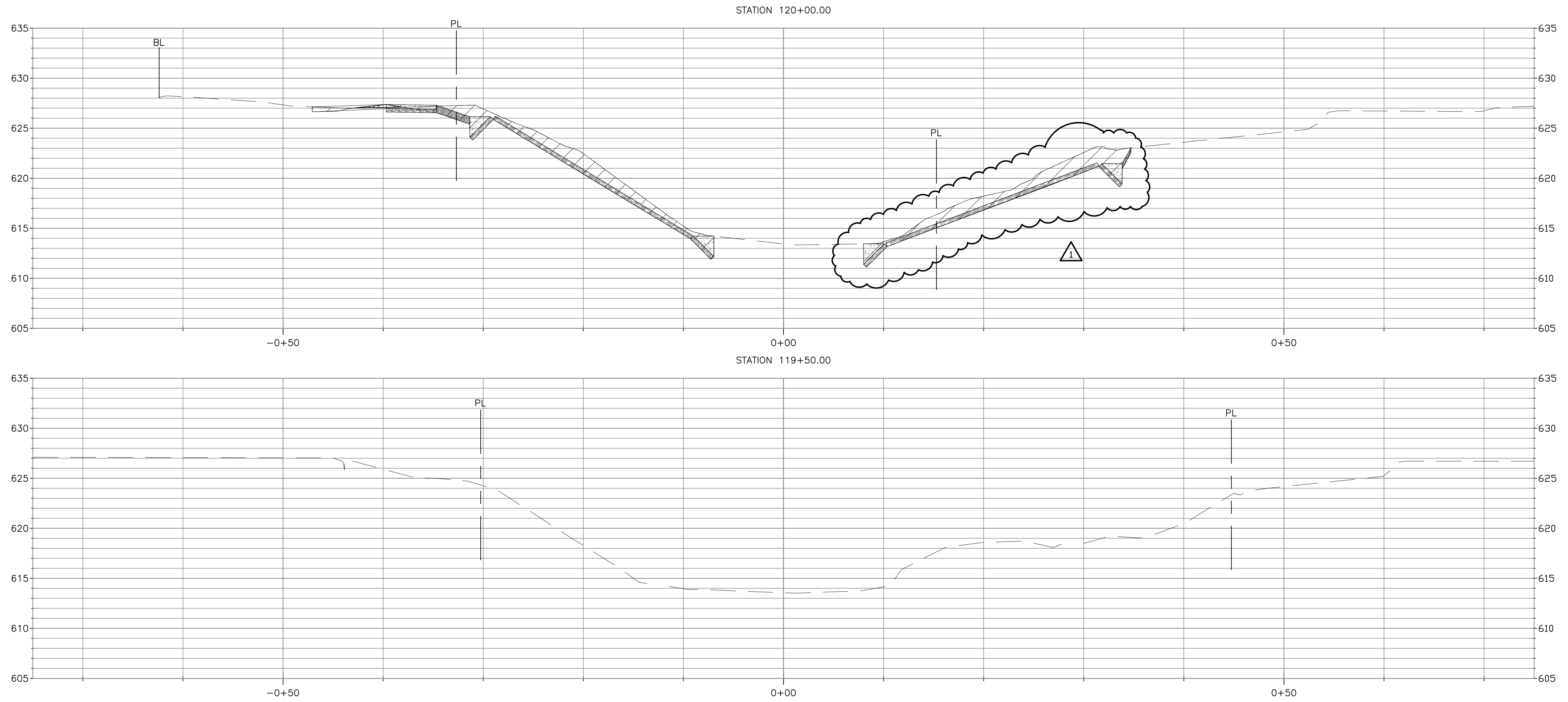
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 121+50 TO STA. 120+50

Sheet Number:
CG-777
 Page Number: 239

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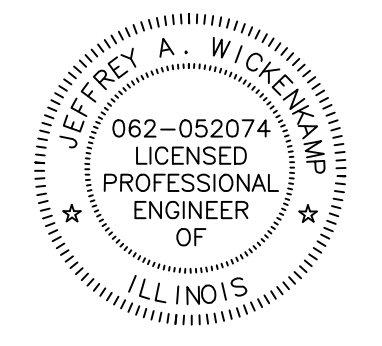
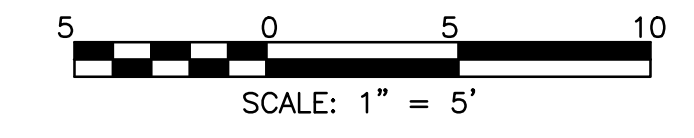


LEGEND

	CUT		COURSE AGGREGATE		HMA SURFACE COURSE		CURB AND GUTTER
	FILL		CONCRETE GROUT		HMA BINDER COURSE		PROPERTY LINE (PL)
	ARTICULATING CONCRETE BLOCK		TOPSOIL		AGGREGATE BASE COURSE		BUILDING LINE (BL)

NOTES:

- FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.
- FOR TYPICAL ROADWAY SECTIONS SEE SHEET CR-504.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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Drawn by: TCT	Reviewed by: JAW	Date: 2022
Correct:		

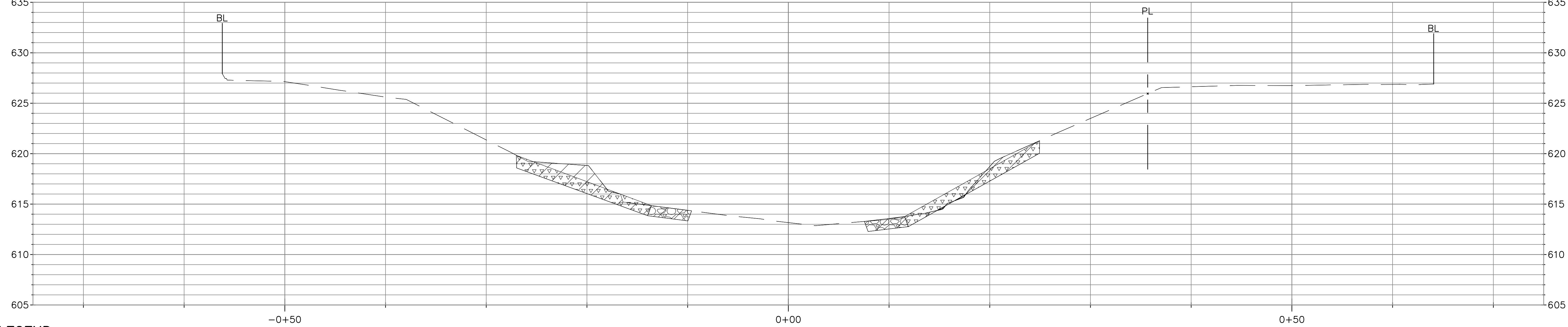
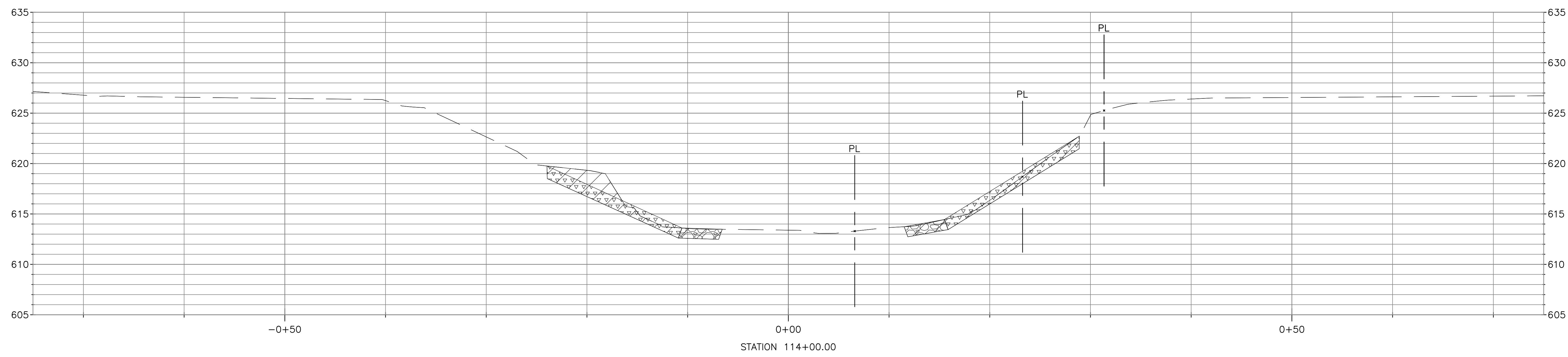
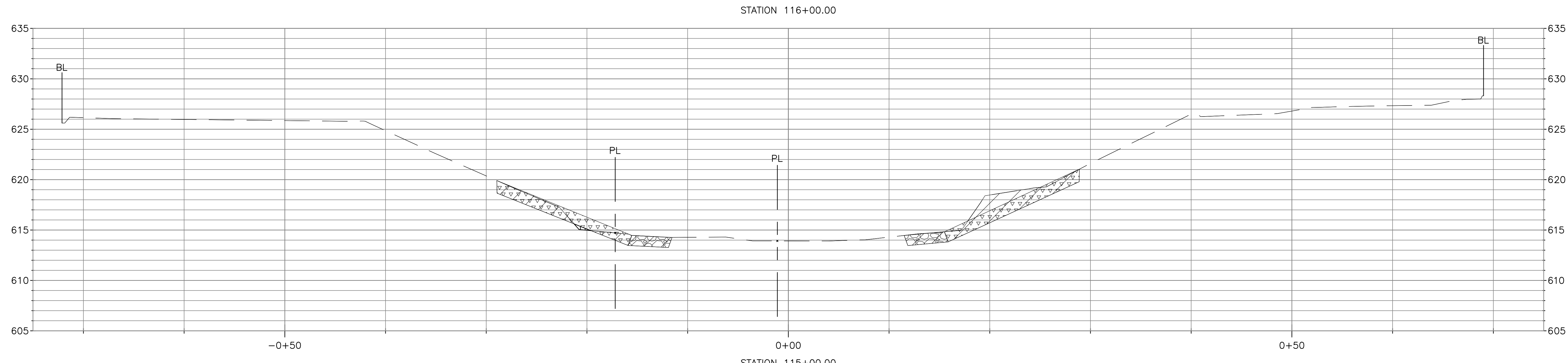
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 CHICAGO@HEYASAC.COM
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 6
 STA. 120+00 TO STA. 119+50

Sheet Number:
CG-778
 Page Number: 240

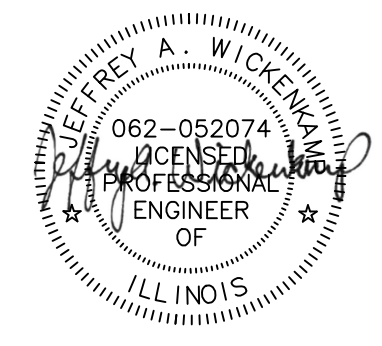
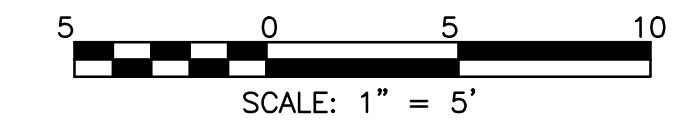
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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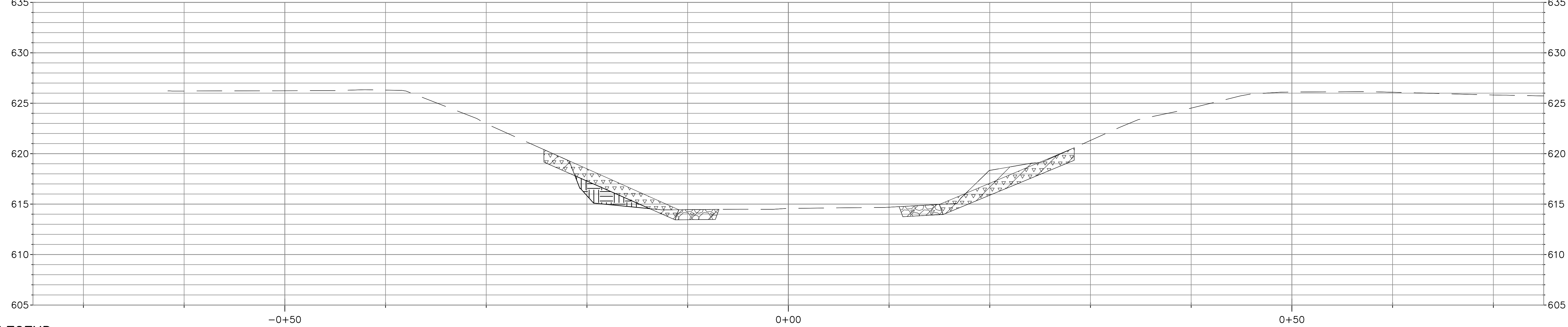
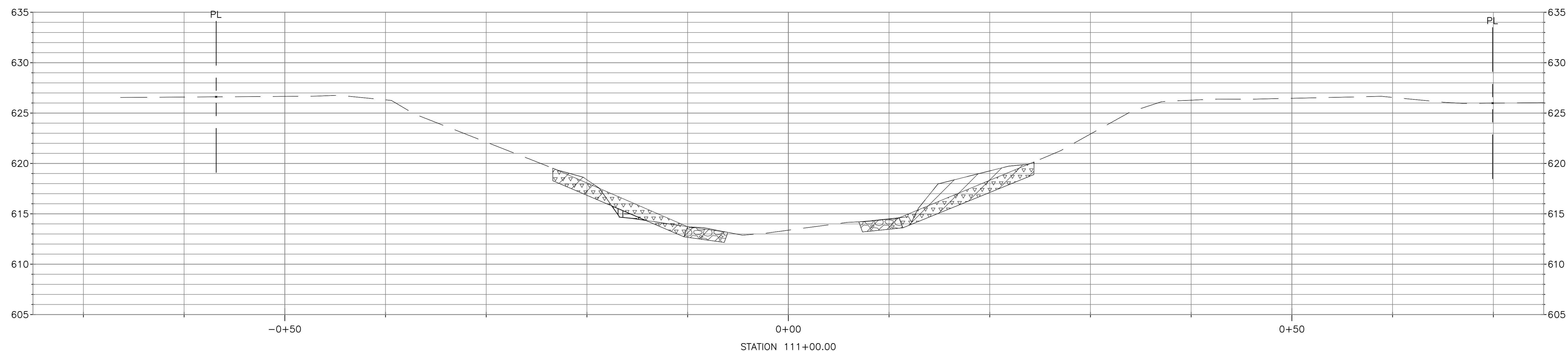
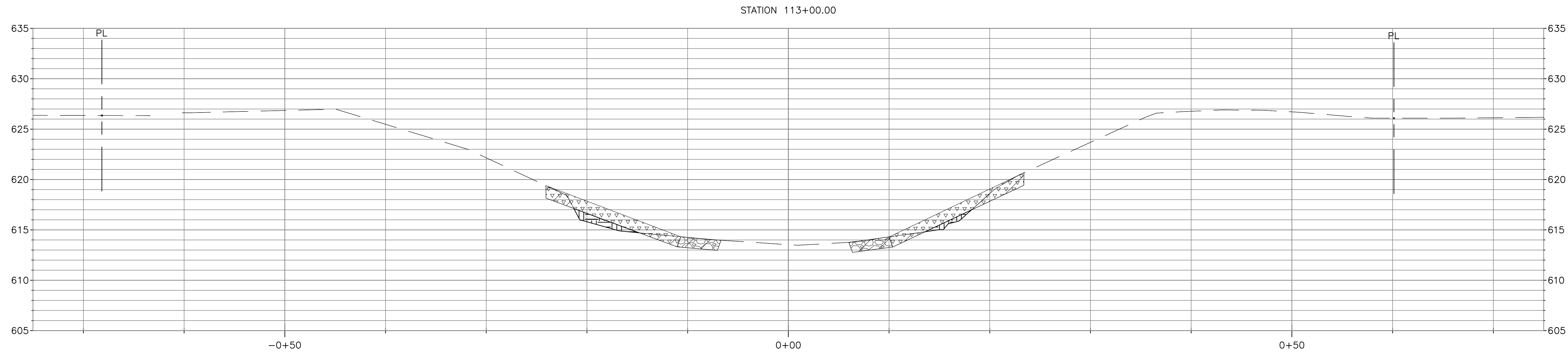
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
STA. 116+00 TO STA. 114+00

Sheet Number:
CG-779
Page Number: 241

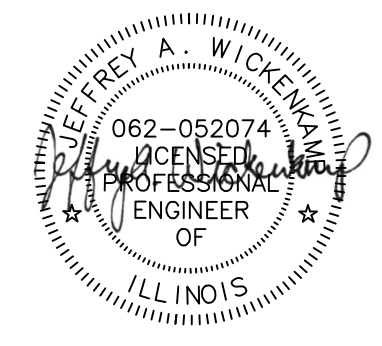
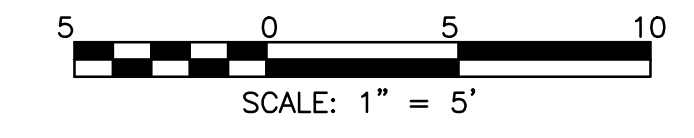
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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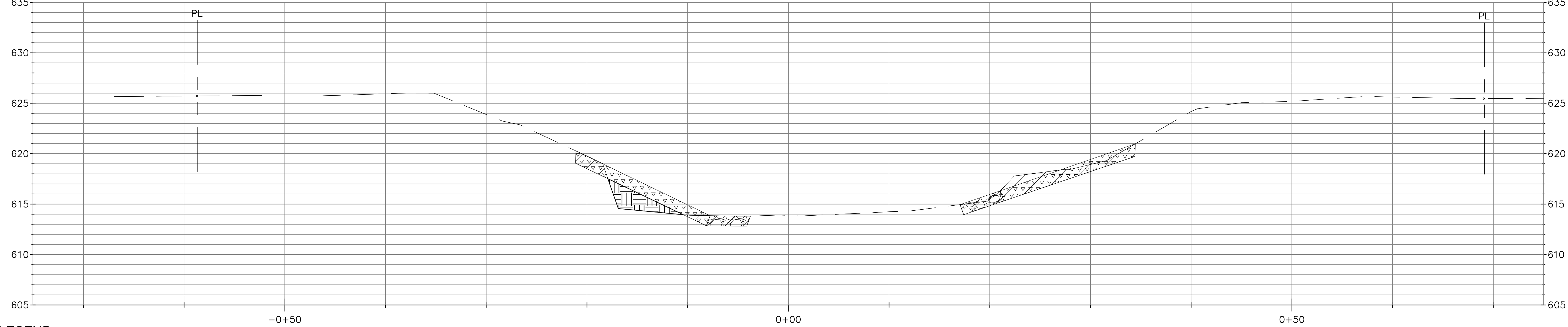
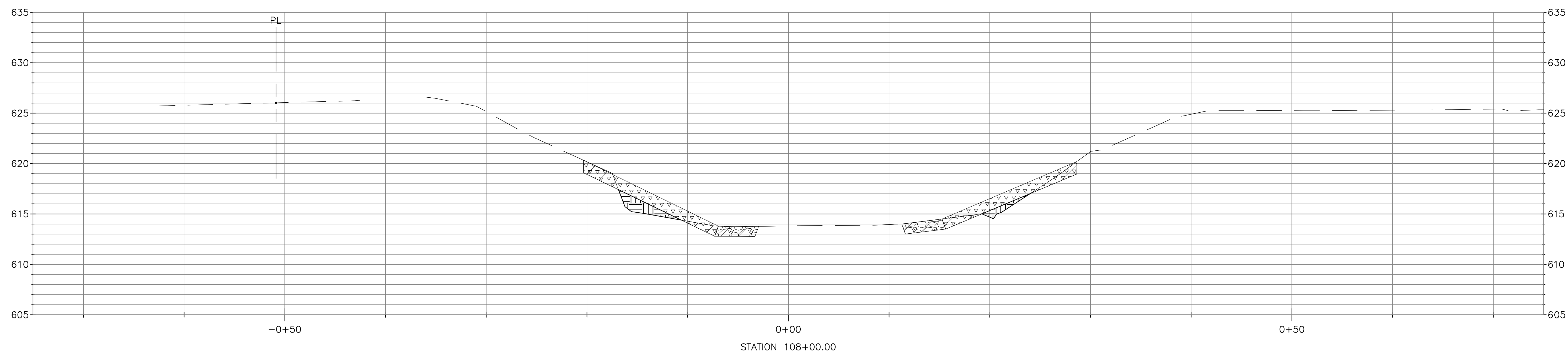
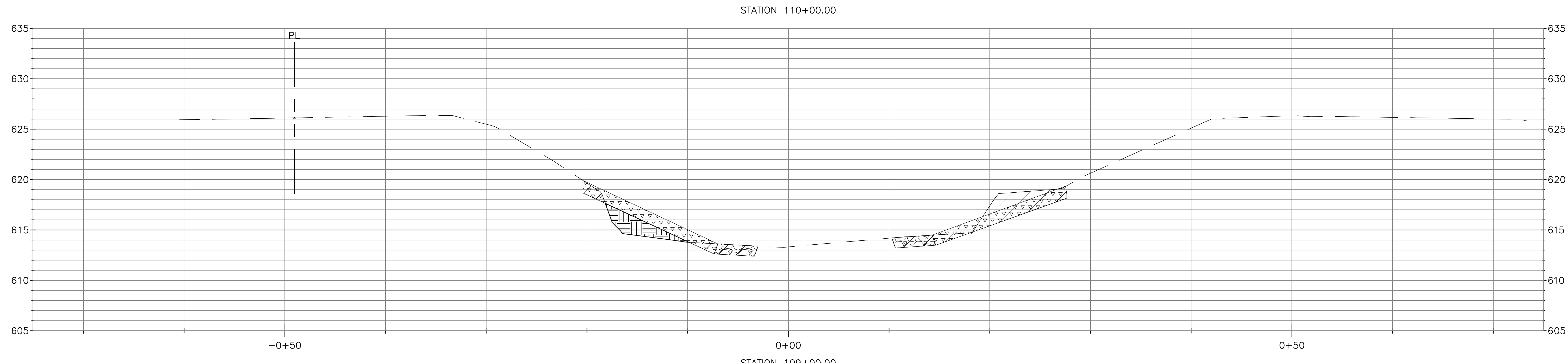
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
STA. 113+00 TO STA. 111+00

Sheet Number:
CG-780
Page Number: 242

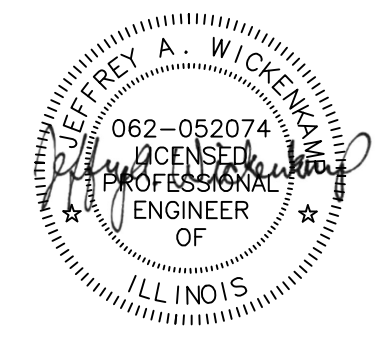
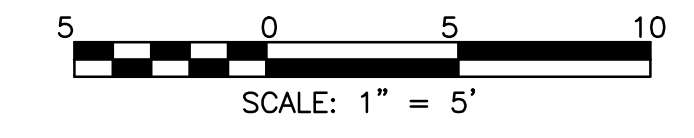
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LEGEND

- CUT
- FILL
- TOPSOIL
- STONE RIPRAP
- SOLDIER PILE WALL
- TYPE "B" GUTTER
- GRANULAR BACKFILL
- GABION MATTRESS
- BEDDING STONE
- GABION BASKET
- BOULDER TOE
- PROPERTY LINE (PL)
- BUILDING LINE (BL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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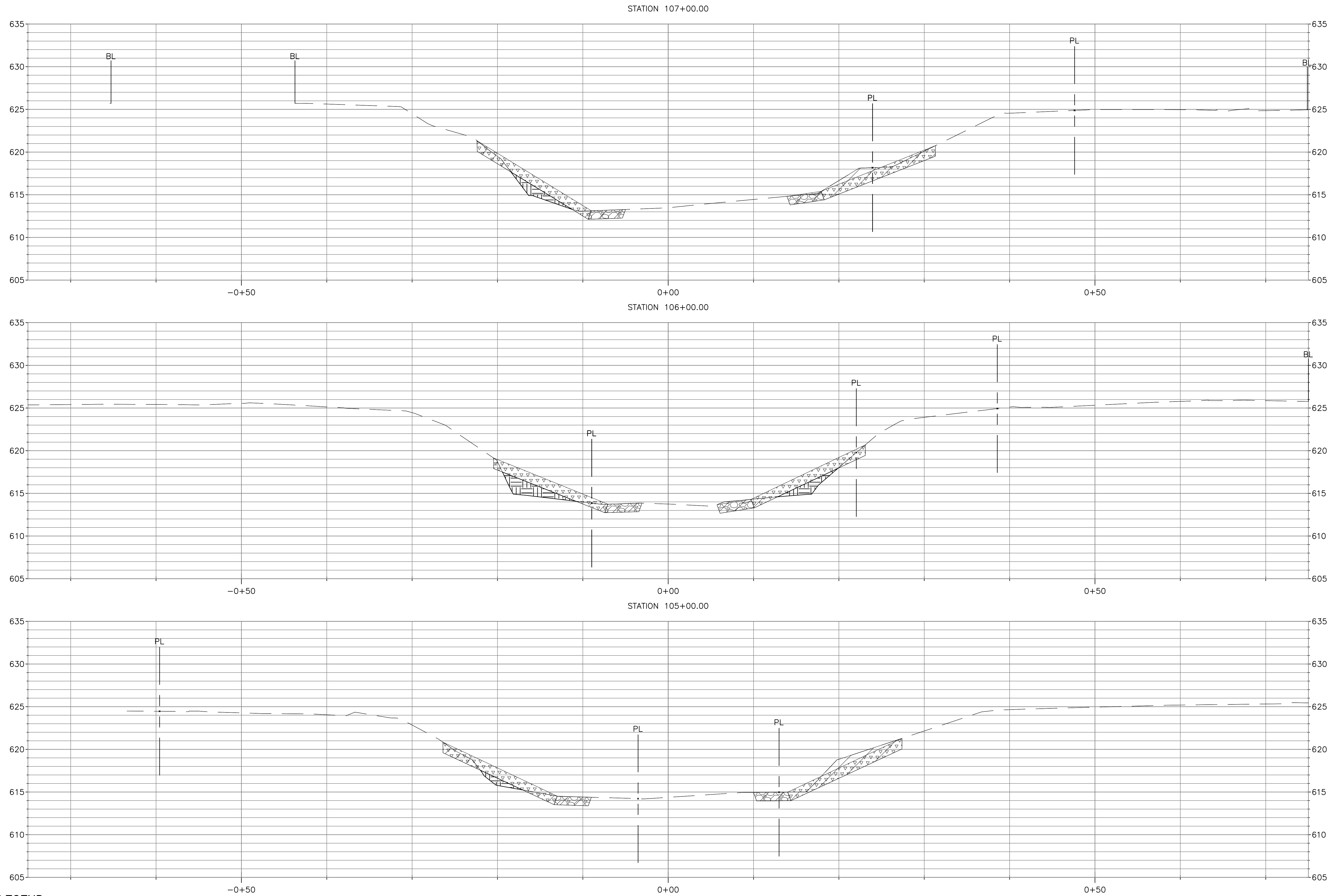
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 OFFICE (773) 695-9200
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
 STA. 110+00 TO STA. 108+00

Sheet Number:
CG-781
 Page Number: 243

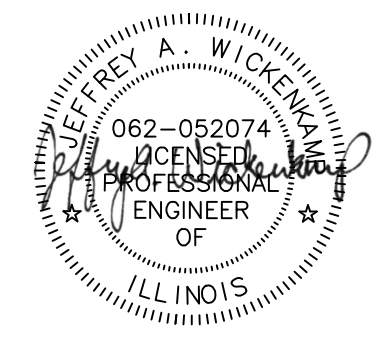
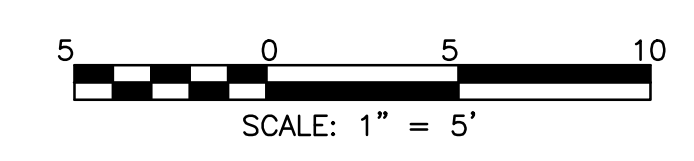
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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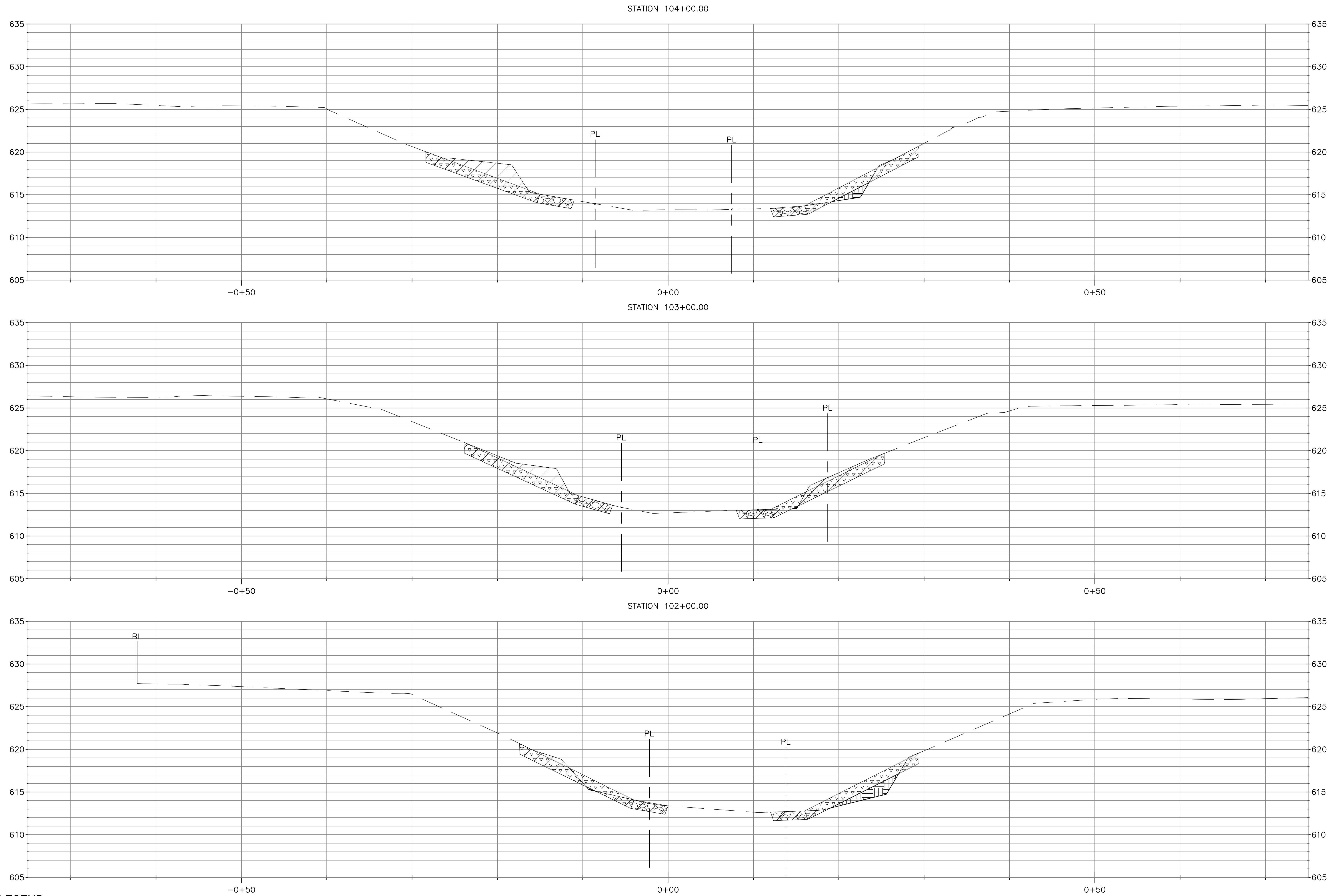
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
STA. 107+00 TO STA. 105+00

Sheet Number:
CG-782
Page Number: 244

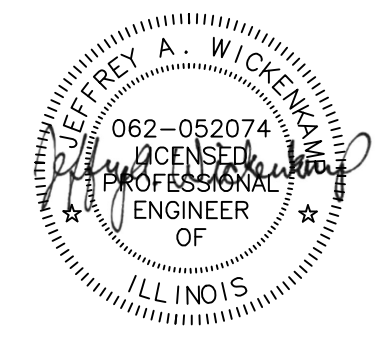
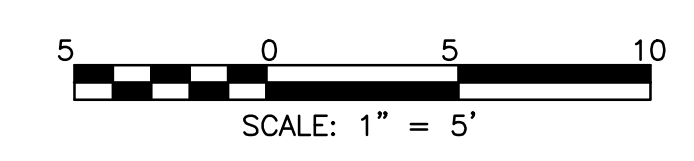
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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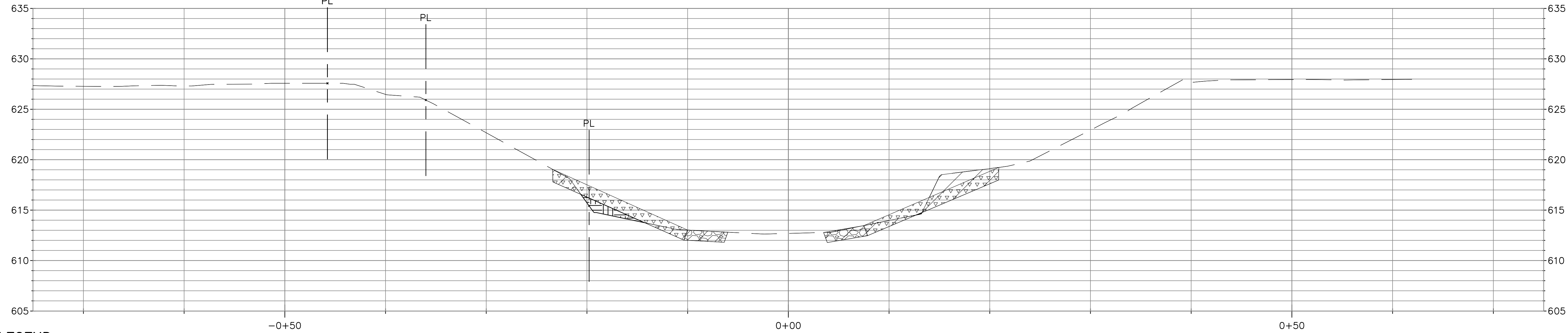
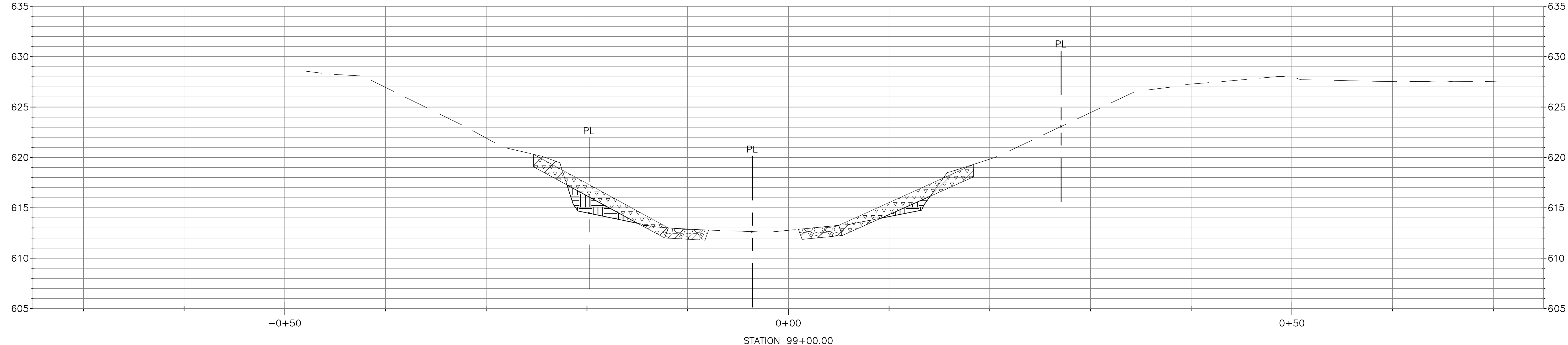
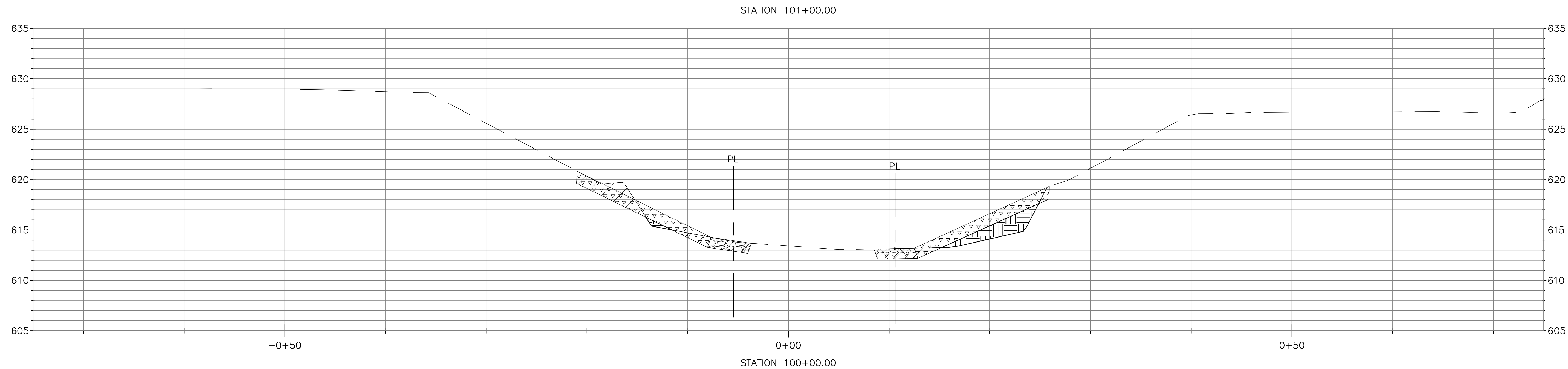
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 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
 STA. 104+00 TO STA. 102+00

Sheet Number:
CG-783
 Page Number: 245

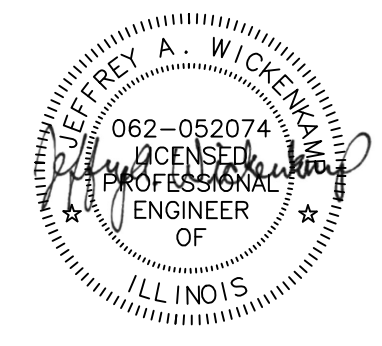
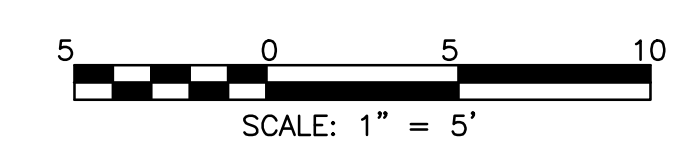
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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
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 OFFICE (773) 695-9200
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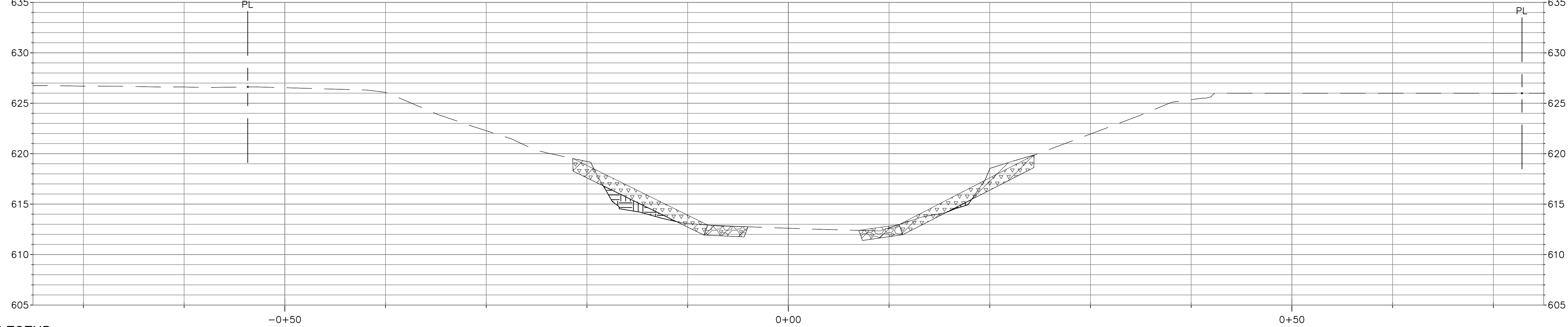
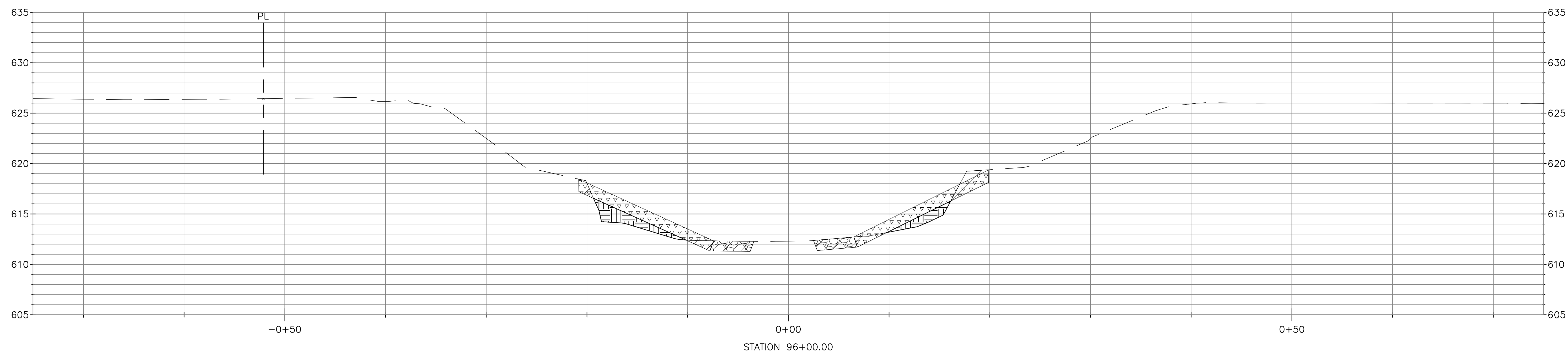
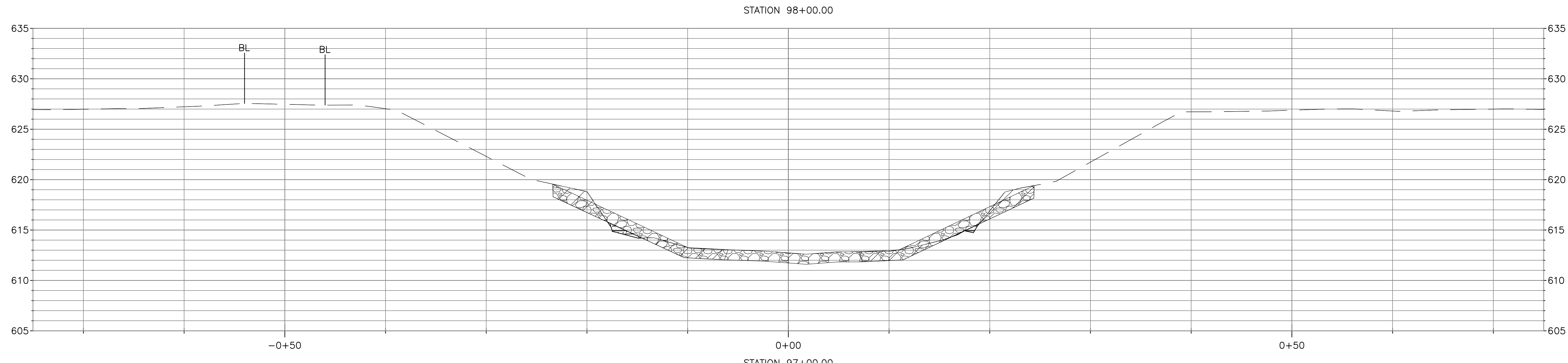
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
 STA. 101+00 TO STA. 99+00

Sheet Number:
CG-784
 Page Number: 246

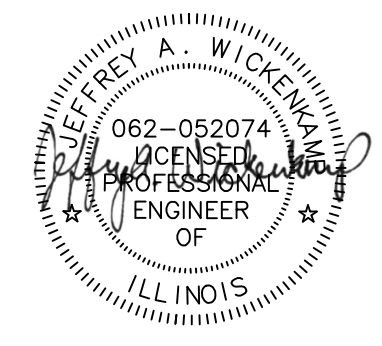
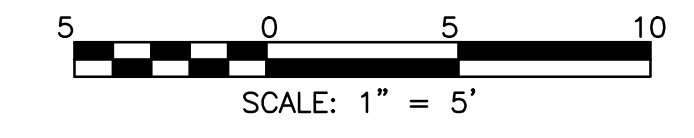
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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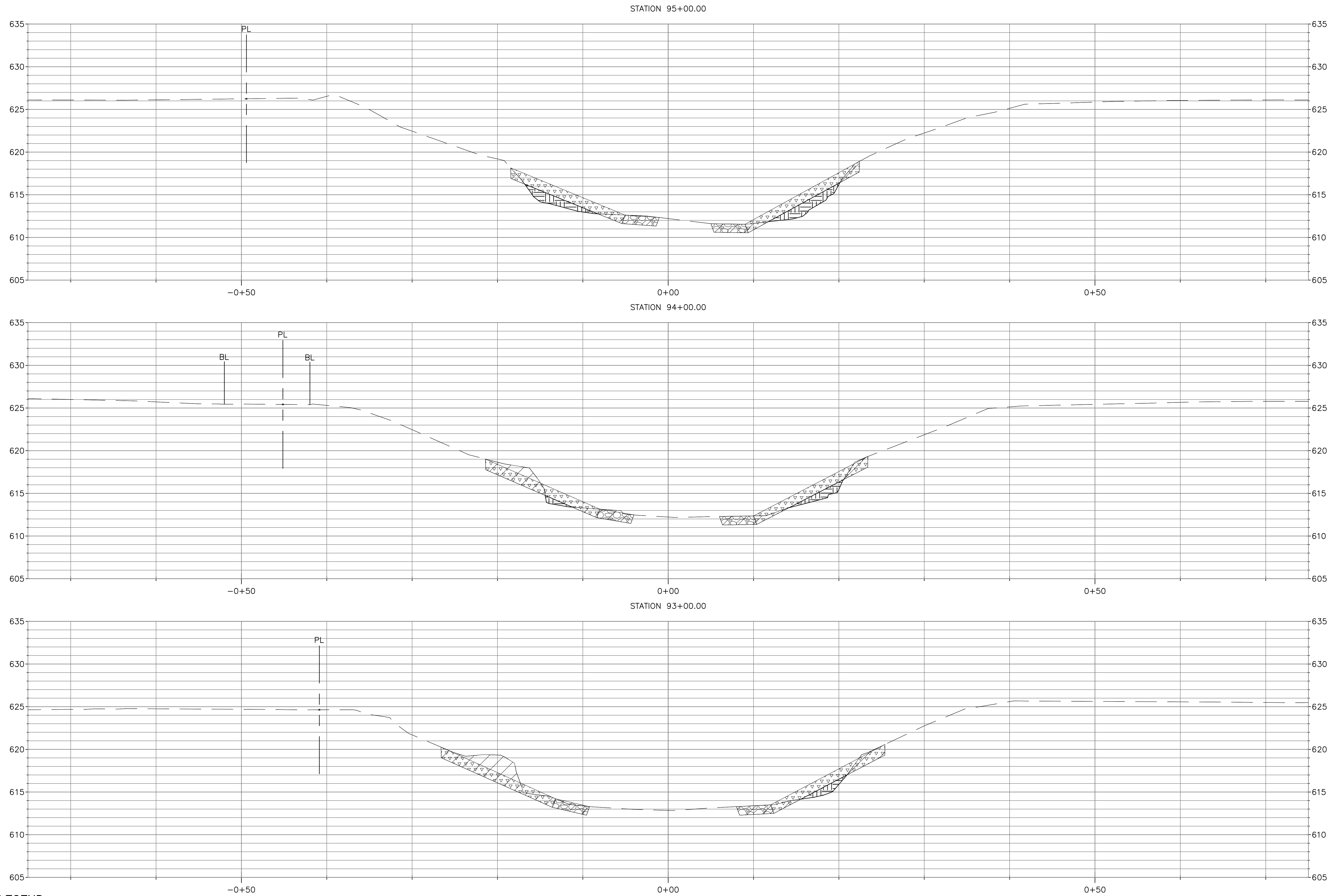
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
 STA. 98+00 TO STA. 96+00

Sheet Number:
CG-785
 Page Number: 247

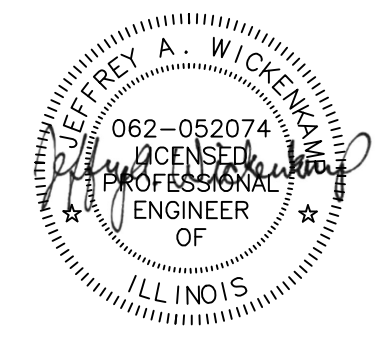
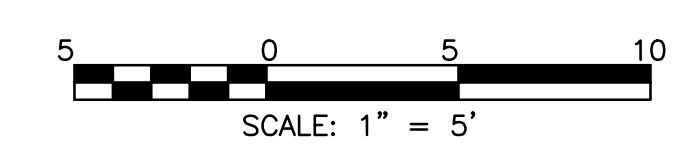
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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CHICAGO@HEYASAC.COM
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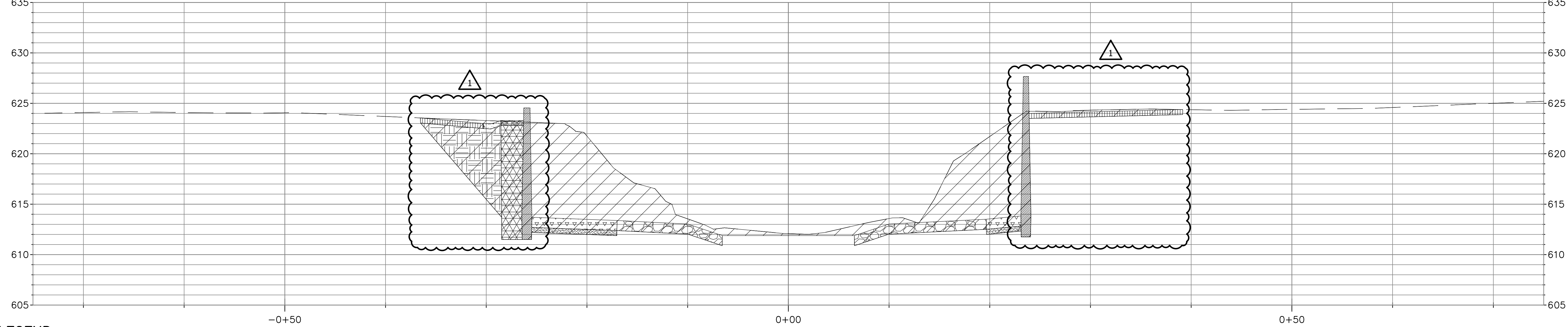
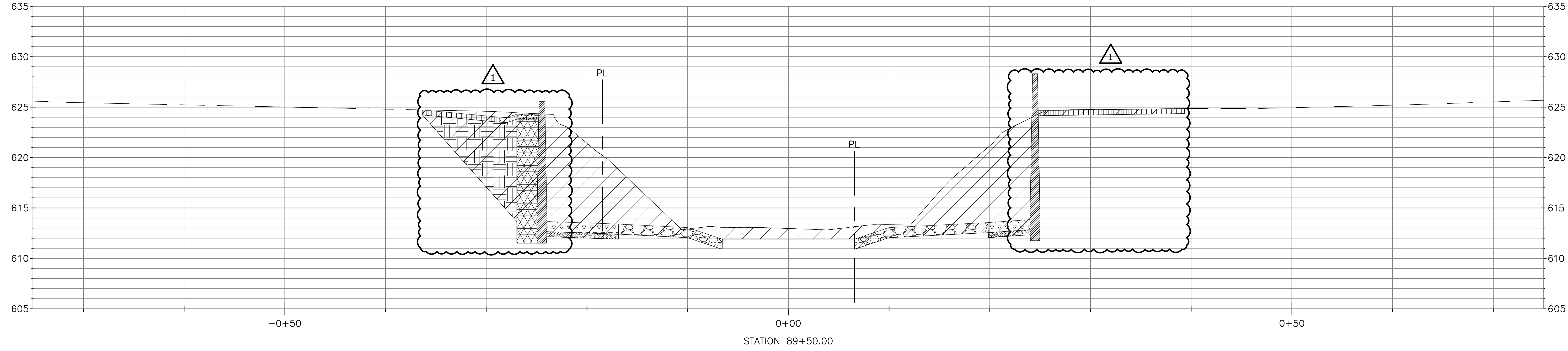
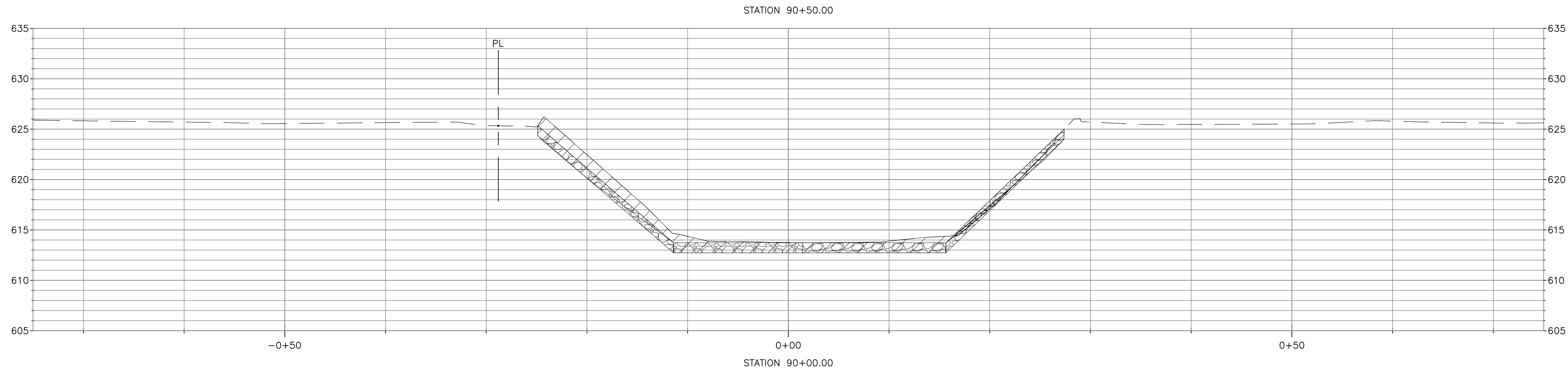
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Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 7
STA. 95+00 TO STA. 93+00

Sheet Number:
CG-786
Page Number: 248

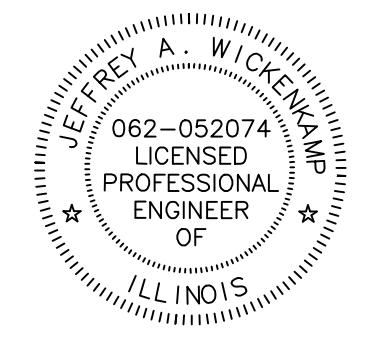
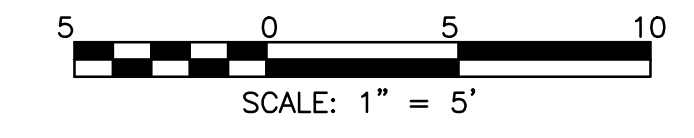
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM

DESIGNED BY: TCT
 CHECKED BY: PML
 DRAWN BY: TCT
 CORRECT: TCT

SCALE: AS SHOWN
 DATE: 2022

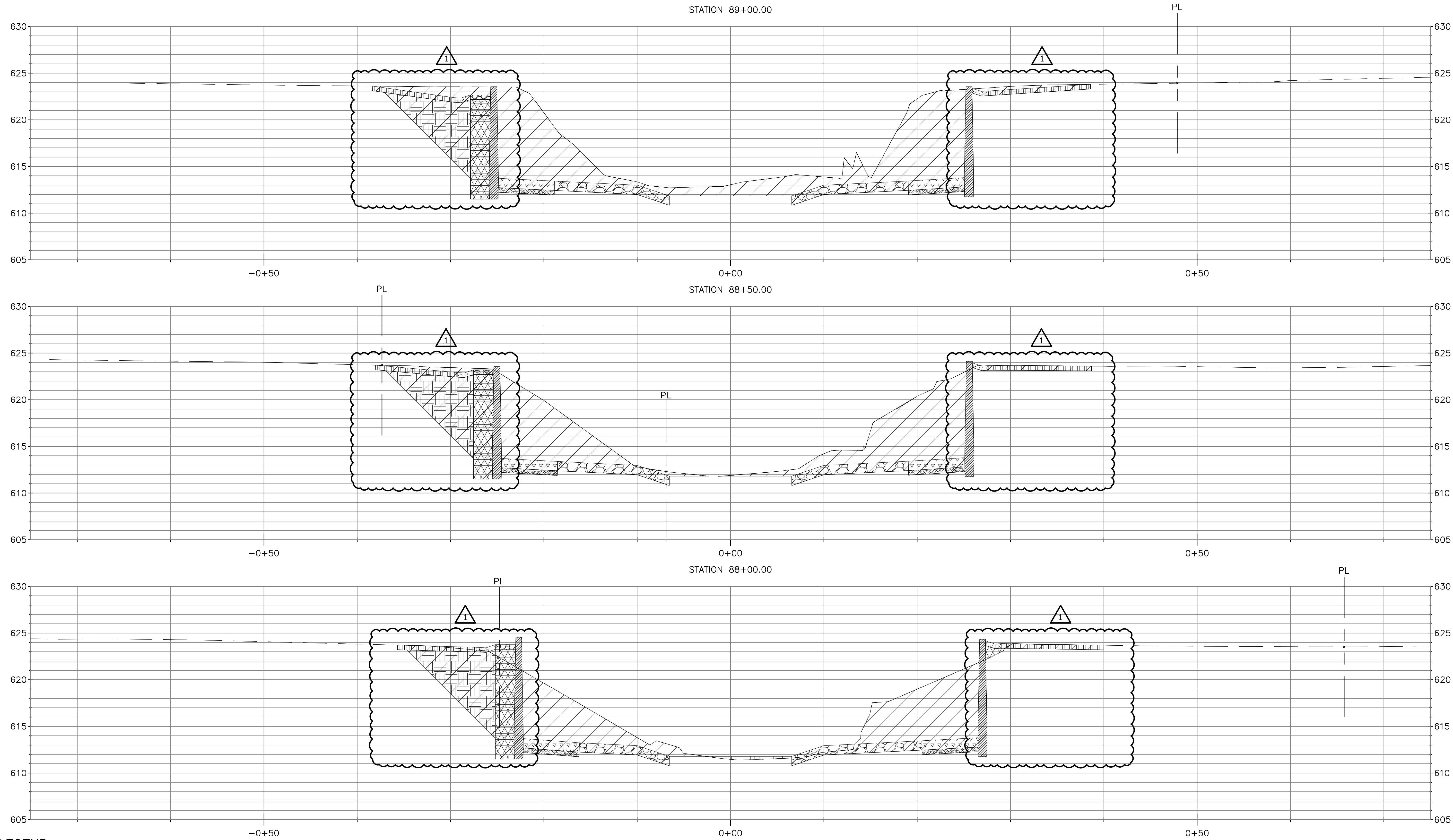
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
 STA. 90+50 TO STA. 89+50

Sheet Number:
CG-789
 Page Number: 250

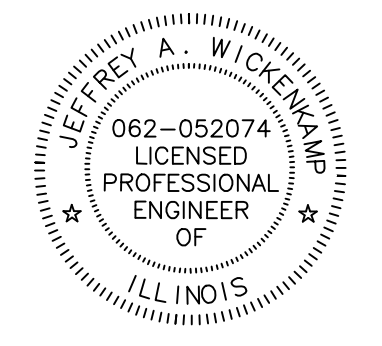
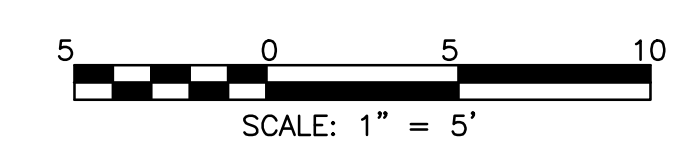
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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Engineering, Ecology and Landscape Architecture
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OFFICE (773) 699-9200
CHICAGO@HEYANDASSOCIATES.COM
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LICENSE NO. 18400229

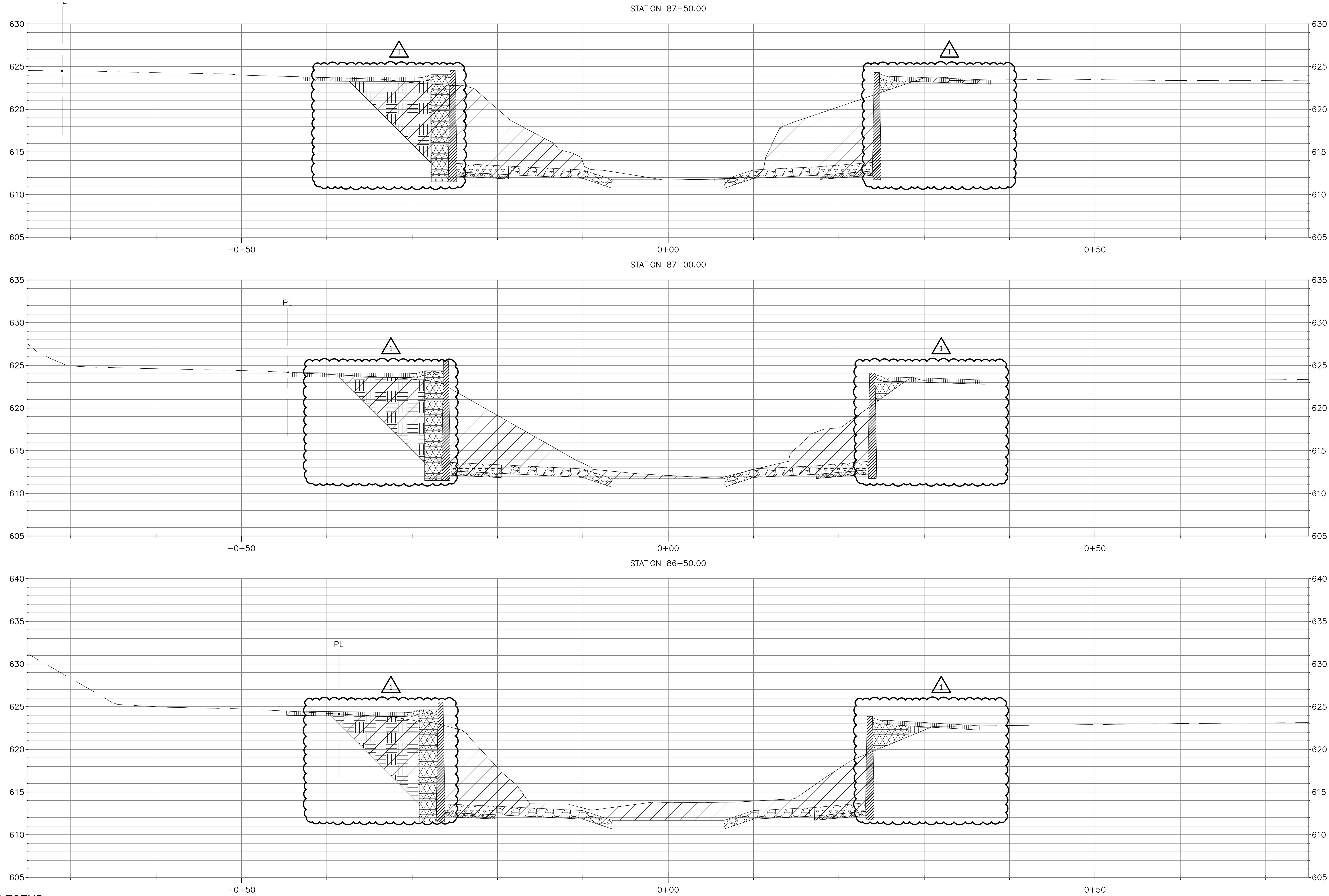
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 89+00 TO STA. 88+00

Sheet Number:
CG-790
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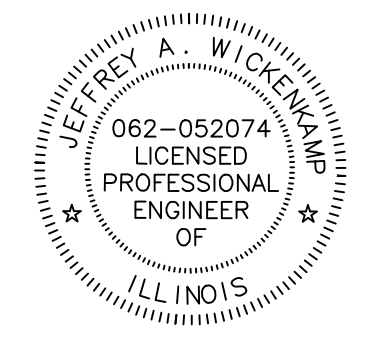
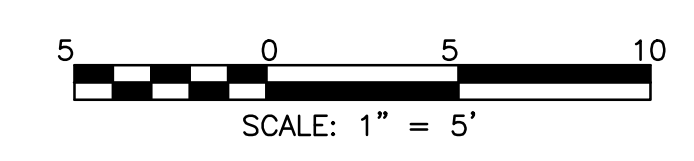
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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OFFICE: (773) 699-9200
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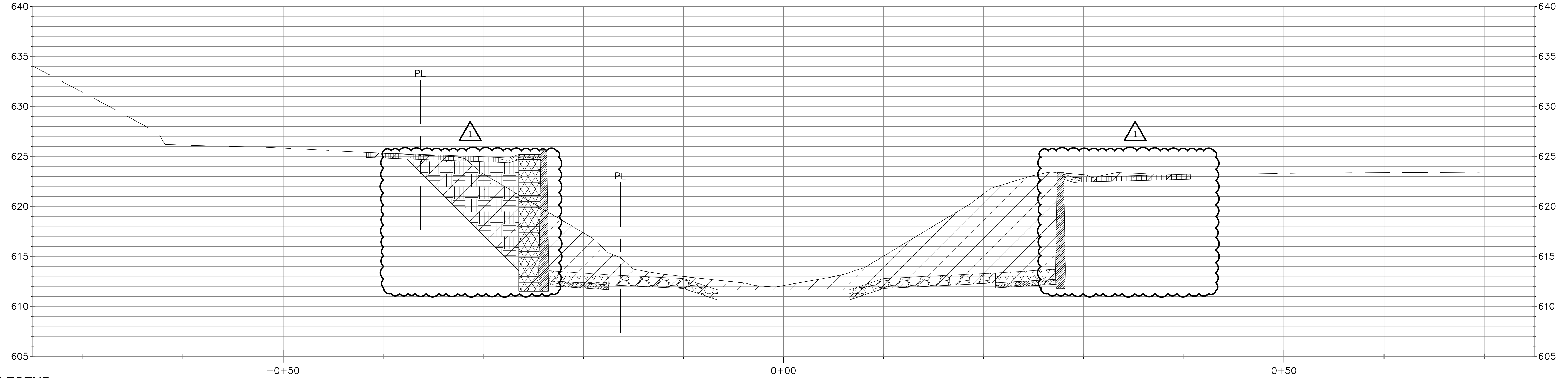
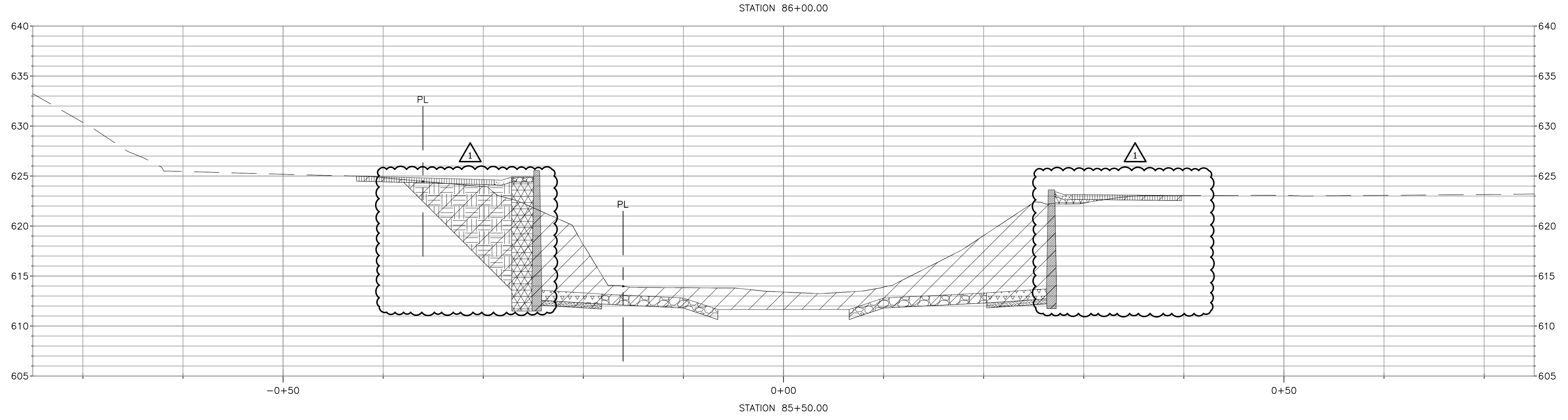
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 87+50 TO STA. 86+50

Sheet Number:
CG-791
Page Number: 252

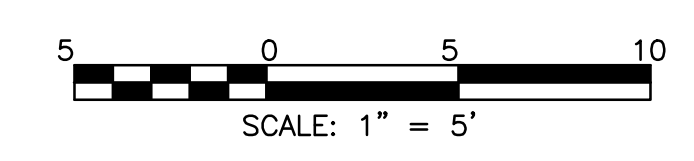
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
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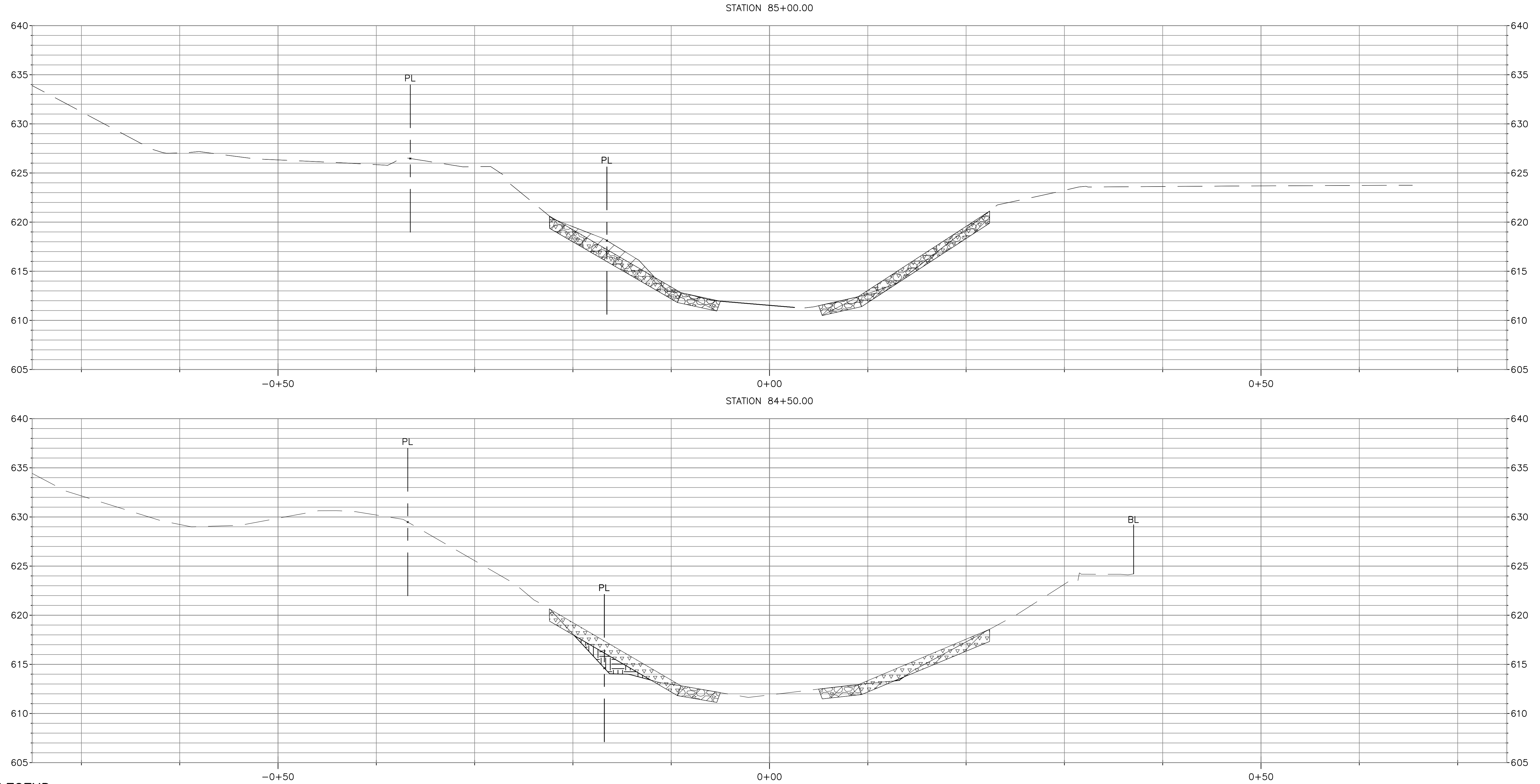
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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
 STA. 86+00 TO STA. 85+50

Sheet Number:
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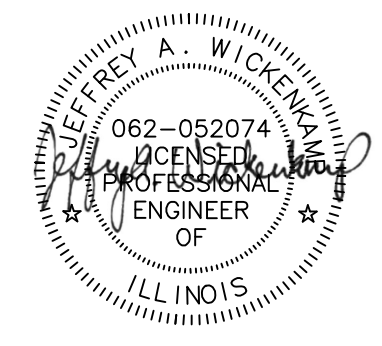
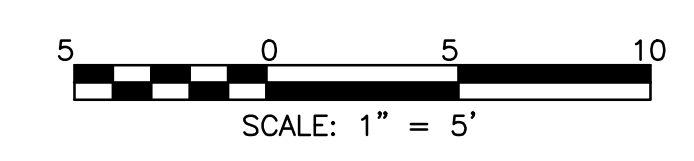
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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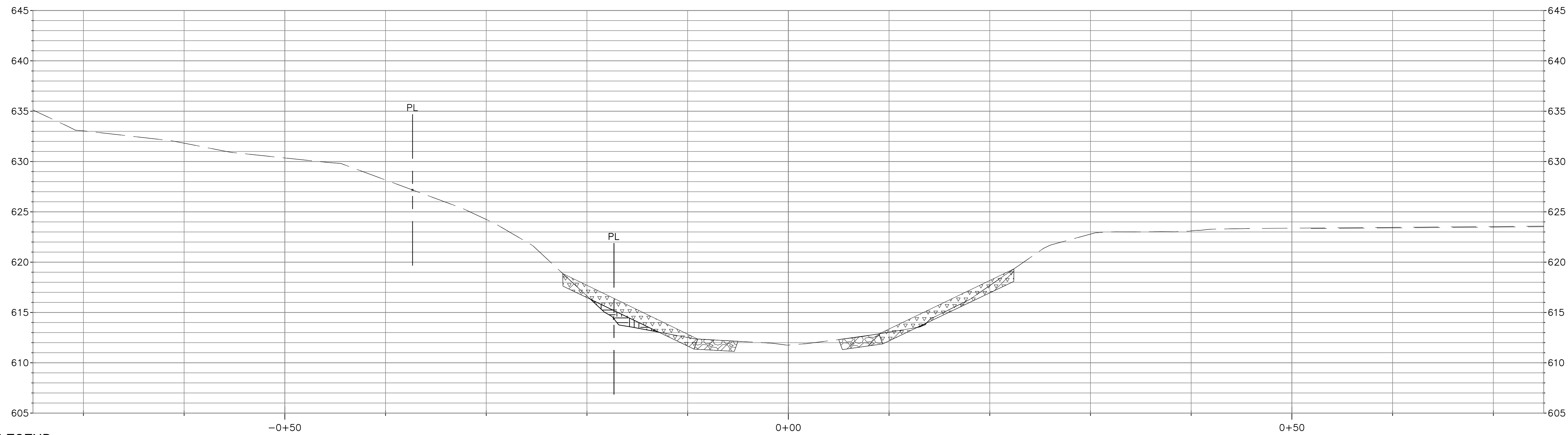
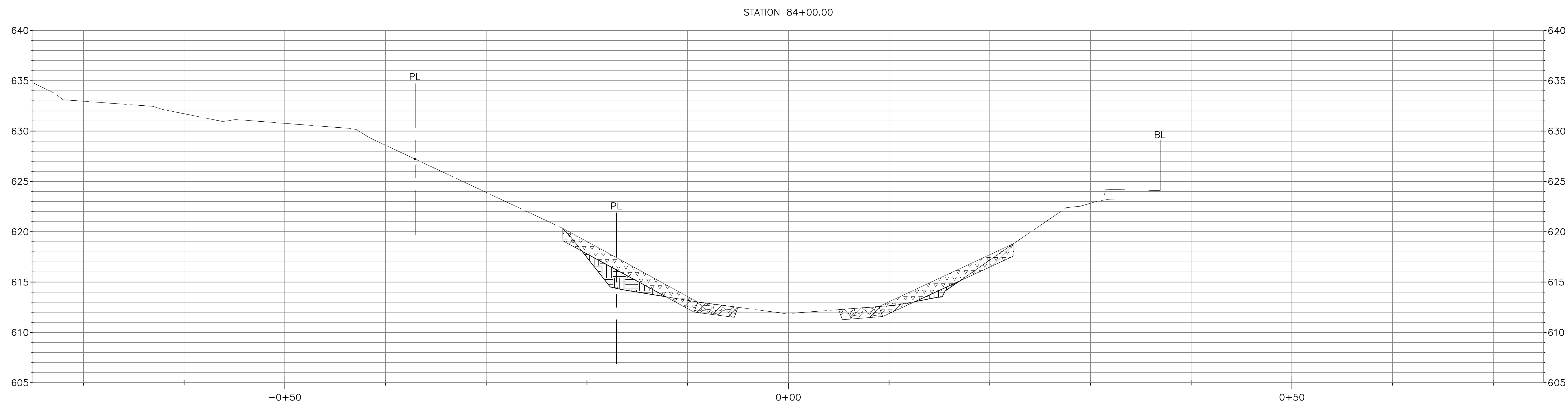
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ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 85+00 TO STA. 84+50

Sheet Number:
CG-793
Page Number: 254

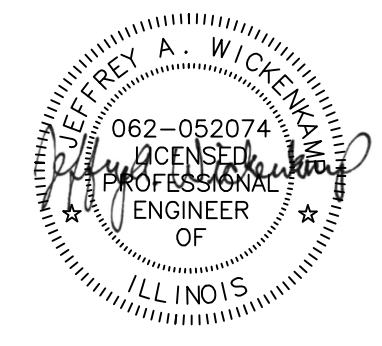
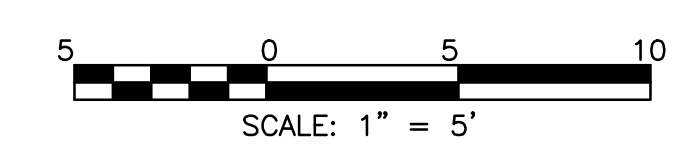
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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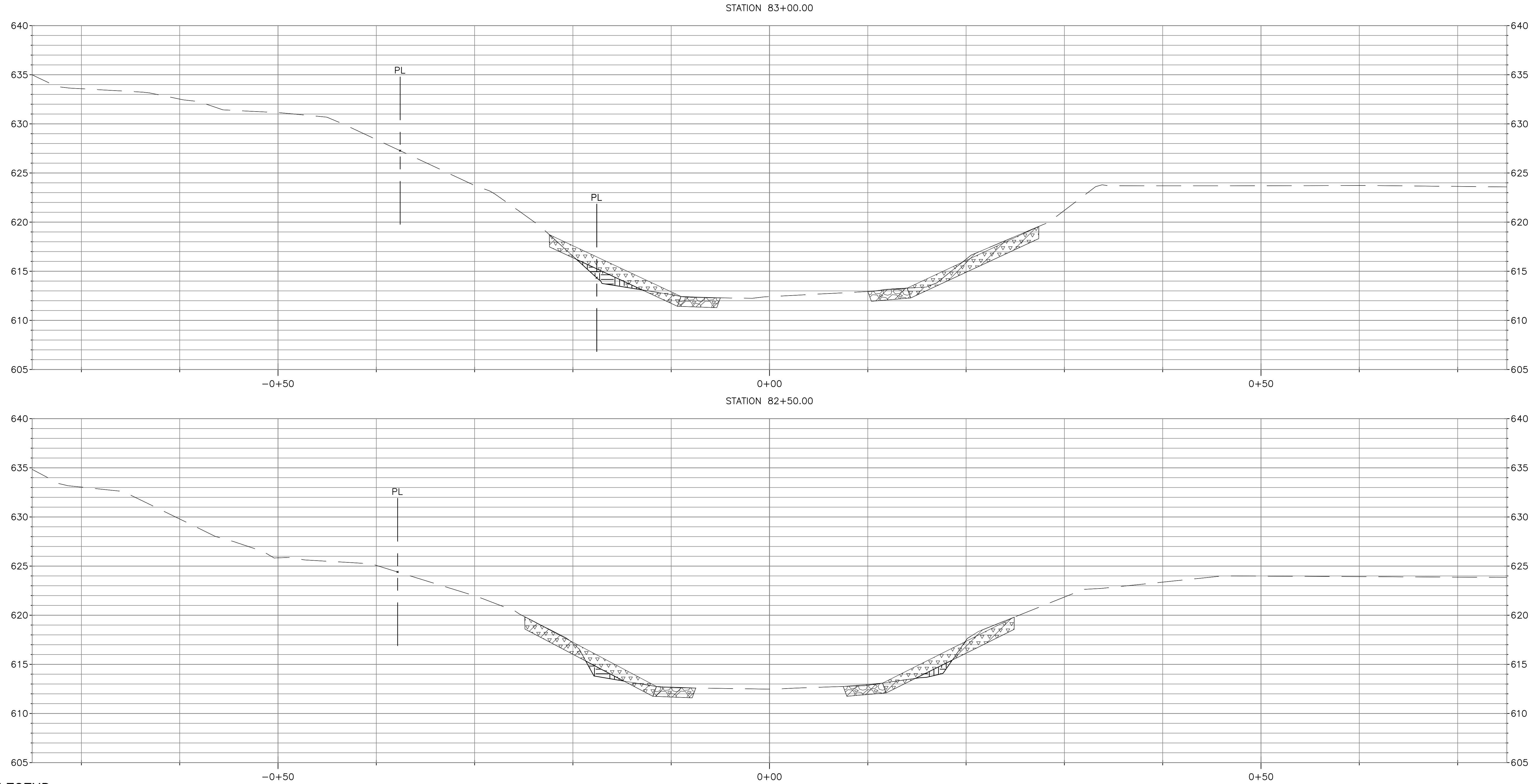
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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
 STA. 84+00 TO STA. 83+50

Sheet Number:
CG-794
 Page Number: 255

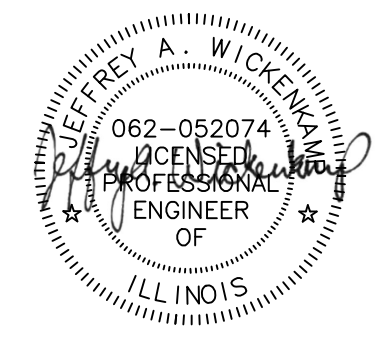
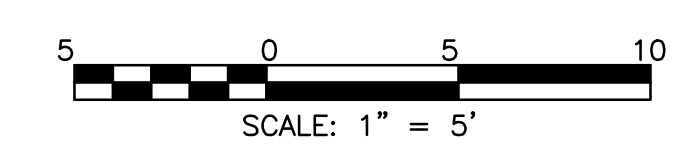
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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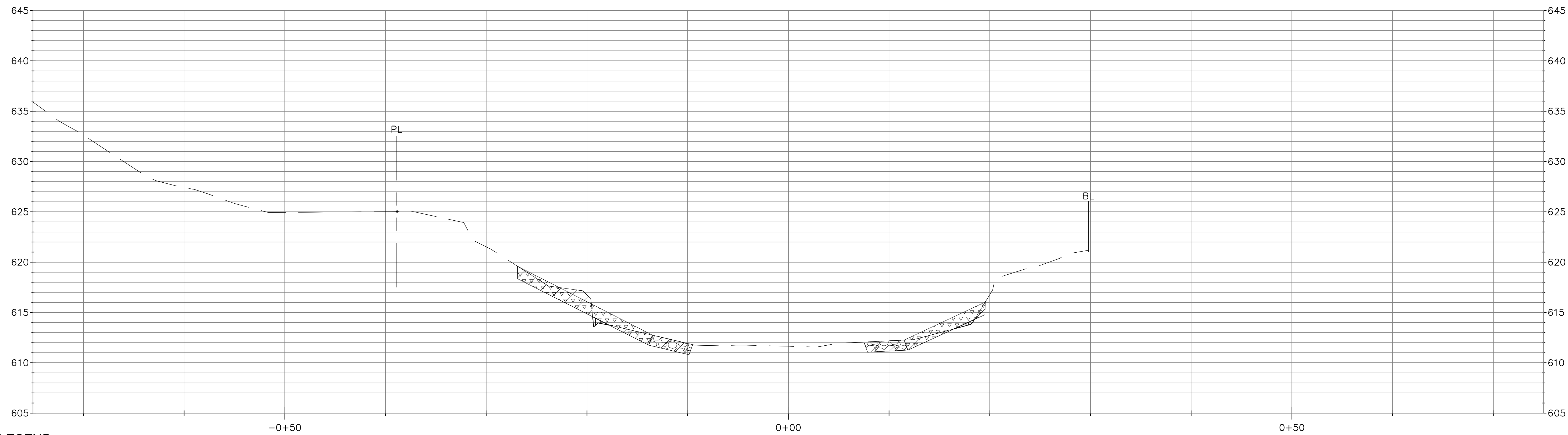
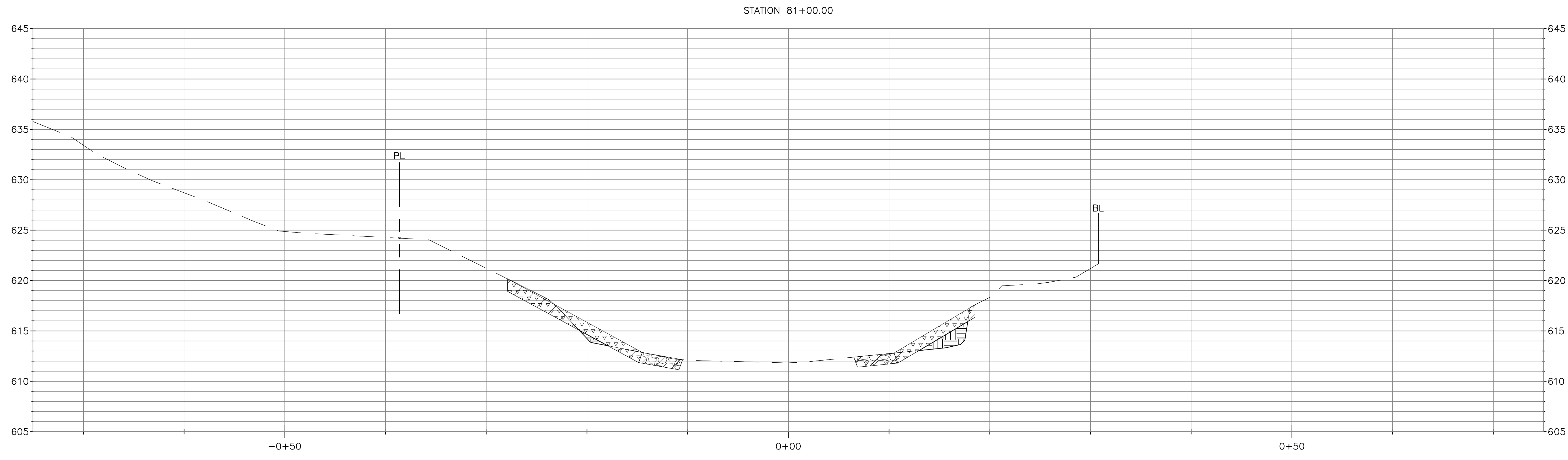
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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
 STA. 83+00 TO STA. 82+50

Sheet Number:
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 Page Number: 256

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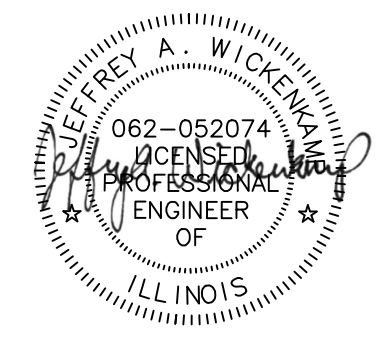
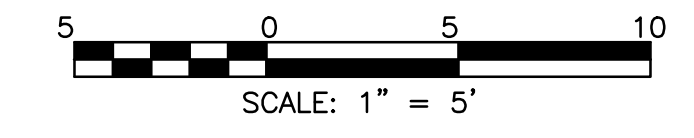
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LEGEND

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| | CUT | | STONE RIPRAP | | GRANULAR BACKFILL | | GABION BASKET | | BUILDING LINE (BL) |
| | FILL | | SOLDIER PILE WALL | | GABION MATTRESS | | BOULDER TOE | | PROPERTY LINE (PL) |
| | TOPSOIL | | TYPE "B" GUTTER | | BEDDING STONE | | | | |

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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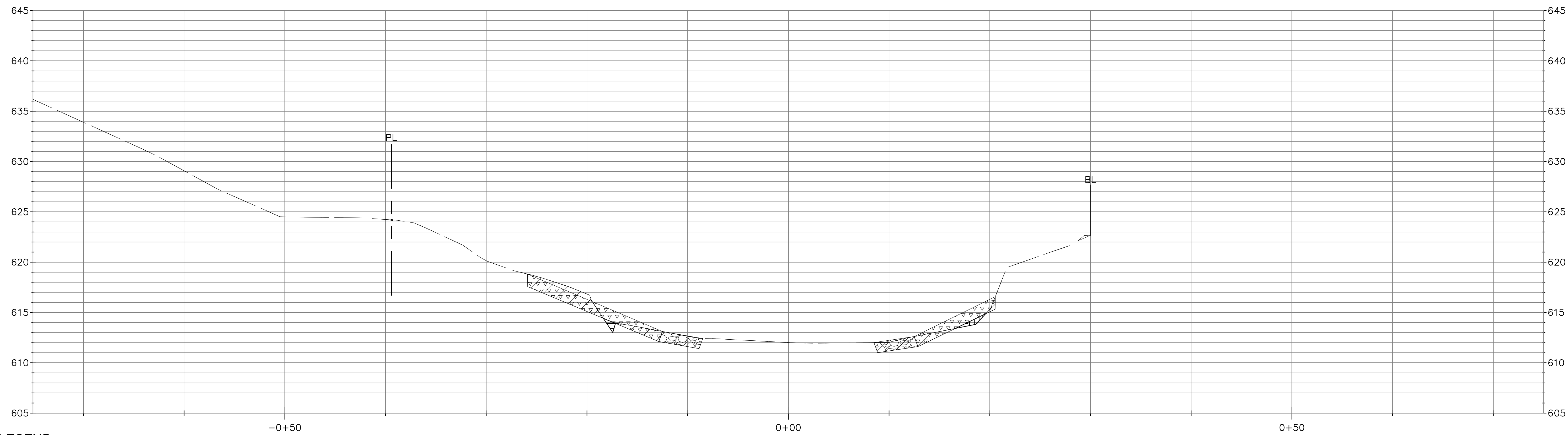
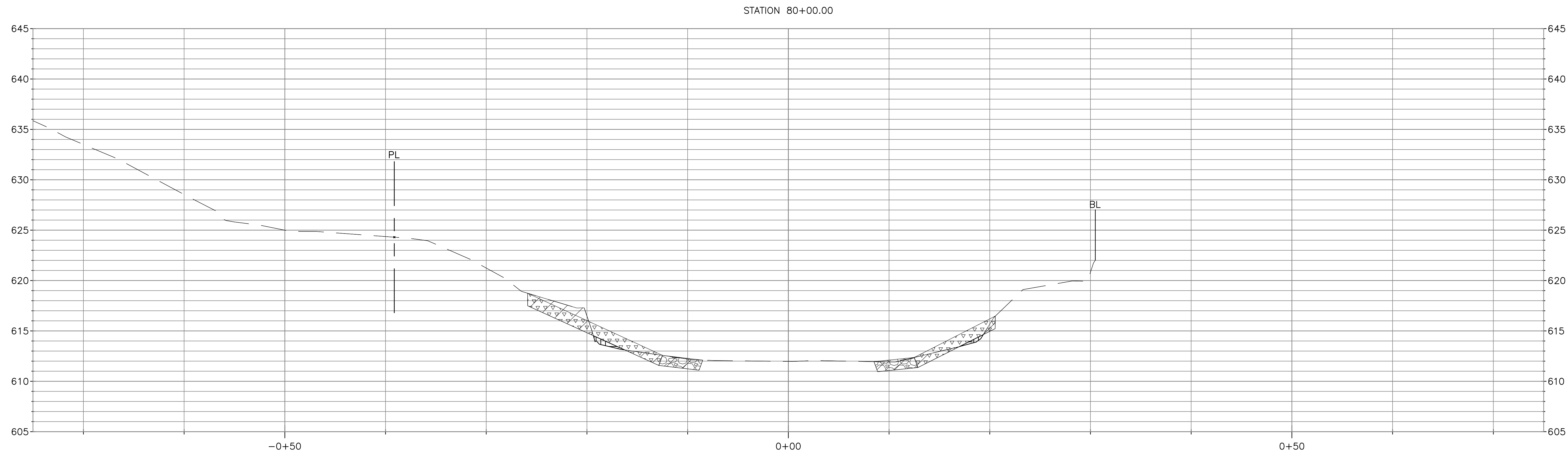
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Chicago@HEYASAC.COM
Professional Design Firm
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ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 81+00 TO STA. 80+50

Sheet Number:
CG-797
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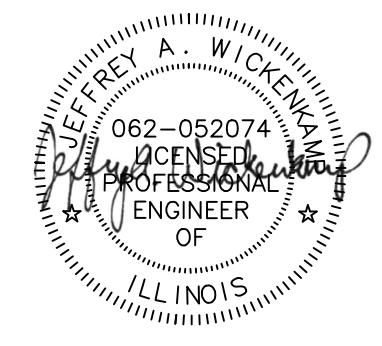
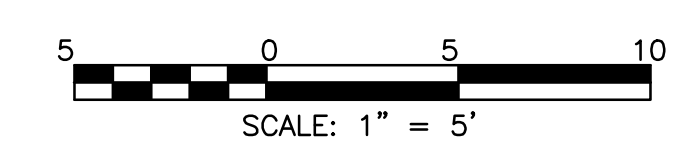
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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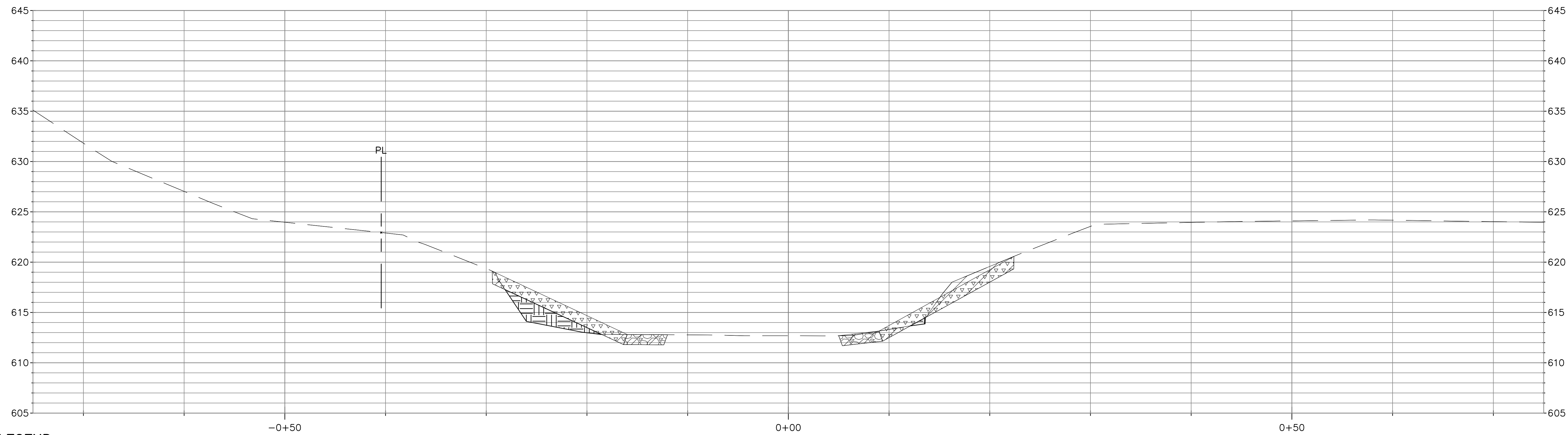
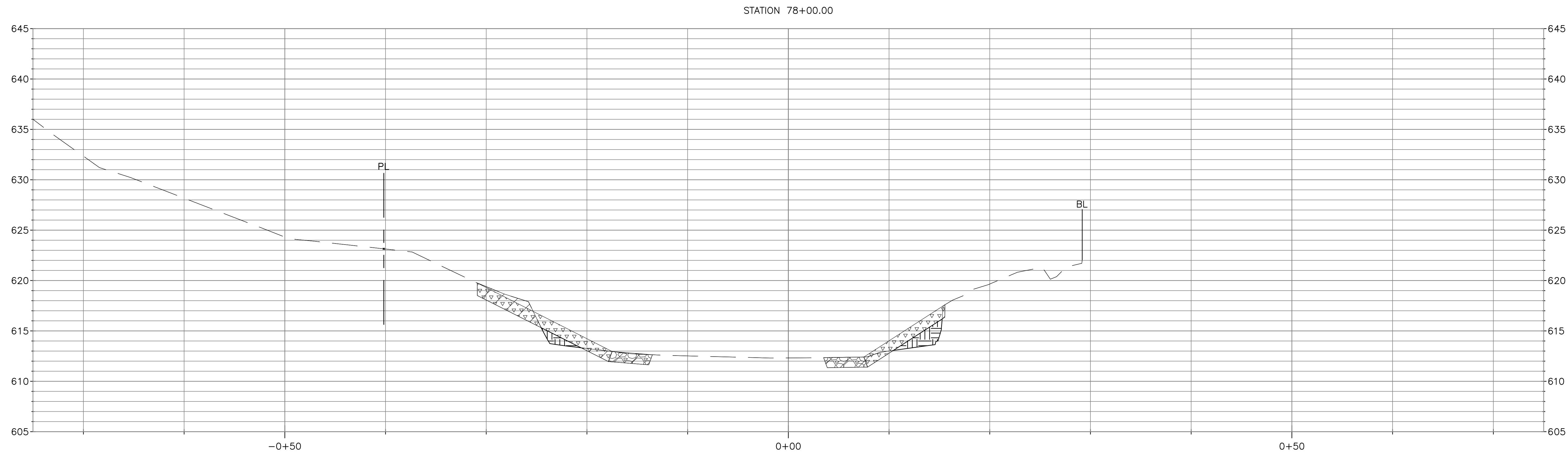
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ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 80+00 TO STA. 79+50

Sheet Number:
CG-798
Page Number: 259

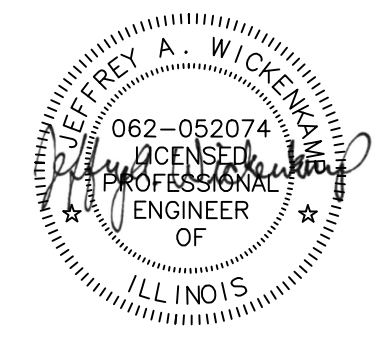
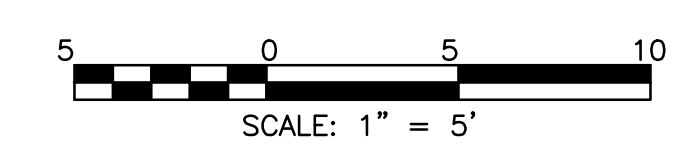
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LEGEND

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	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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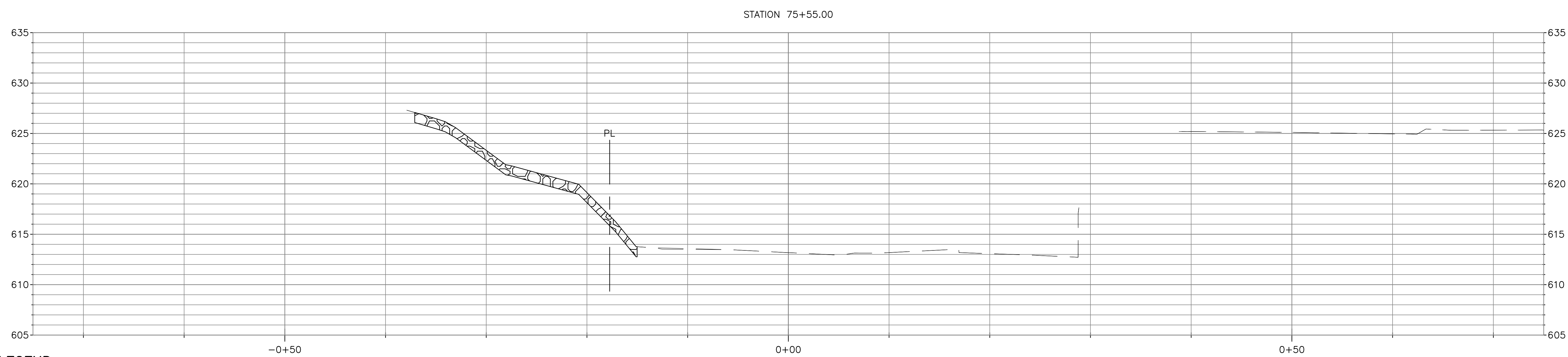
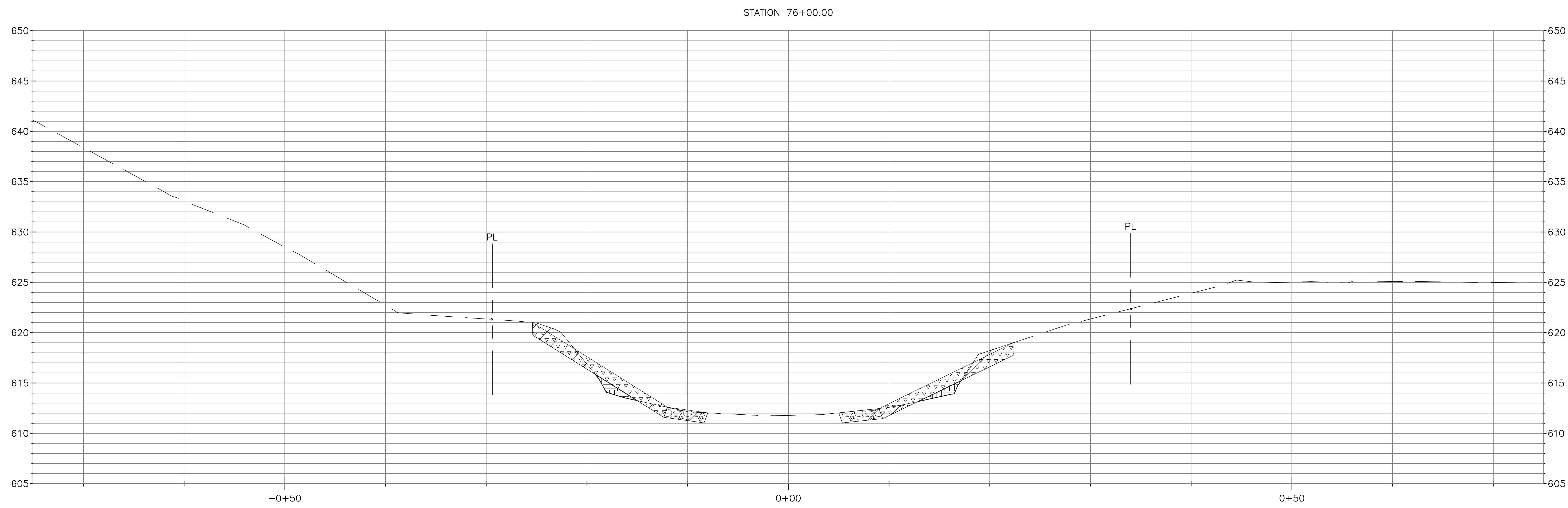
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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
 STA. 78+00 TO STA. 77+50

Sheet Number:
CG-800
 Page Number: 261

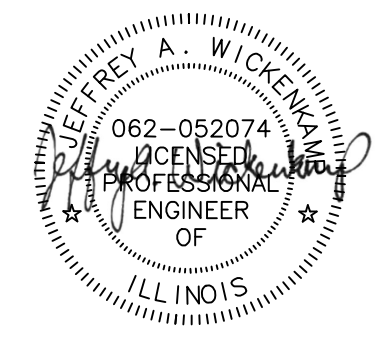
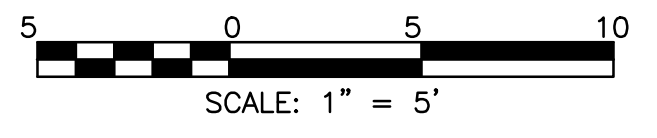
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE		PROPERTY LINE (PL)

NOTE:
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Rev.	Description	Appr.	Date

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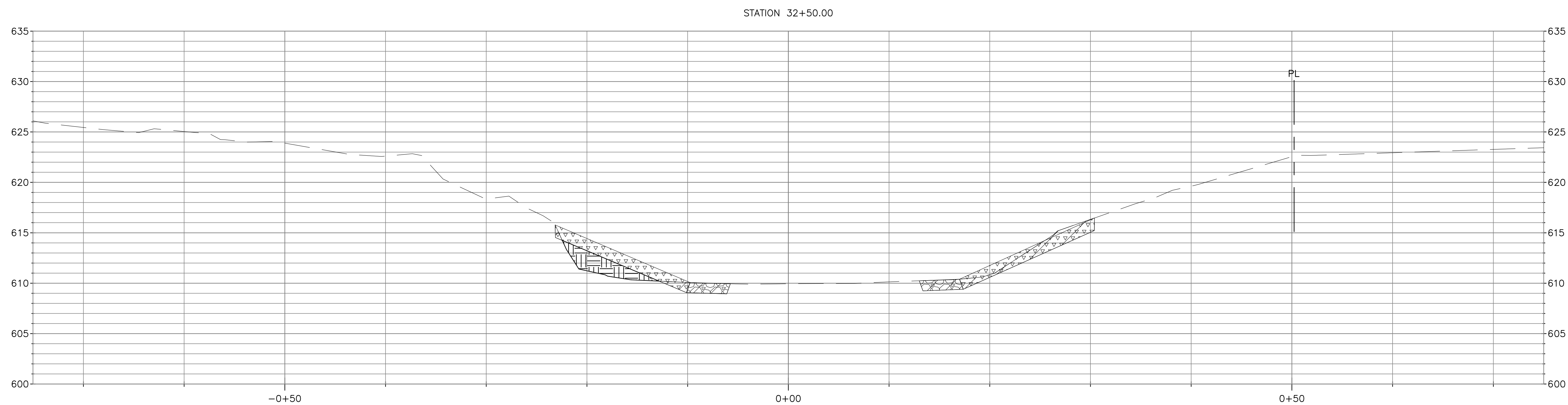
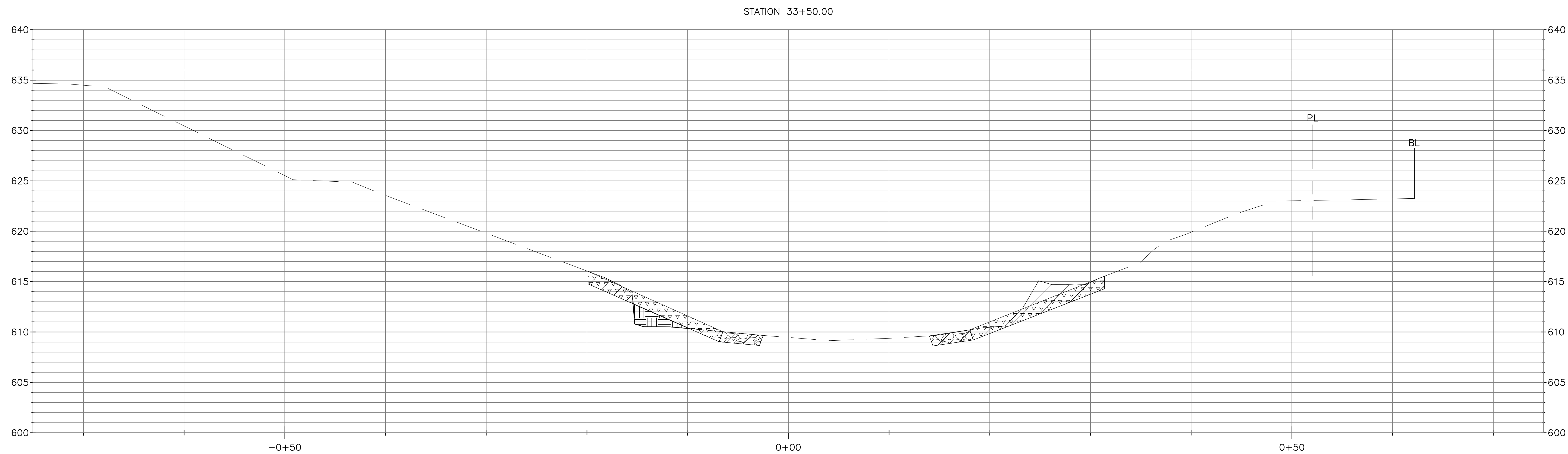
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ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 8
STA. 76+00 TO STA. 75+55

Sheet Number:
CG-802
Page Number: 263

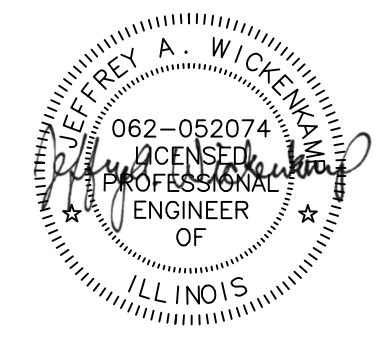
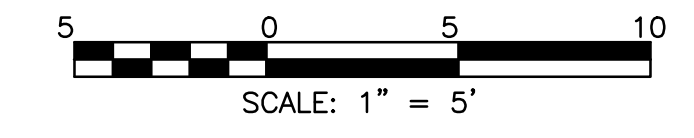
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LEGEND

- CUT
- FILL
- TOPSOIL
- STONE RIPRAP
- SOLDIER PILE WALL
- TYPE "B" GUTTER
- GRANULAR BACKFILL
- GABION MATTRESS
- BEDDING STONE
- GABION BASKET
- BOULDER TOE
- PROPERTY LINE (PL)
- BUILDING LINE (BL)

NOTE:
FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301, CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

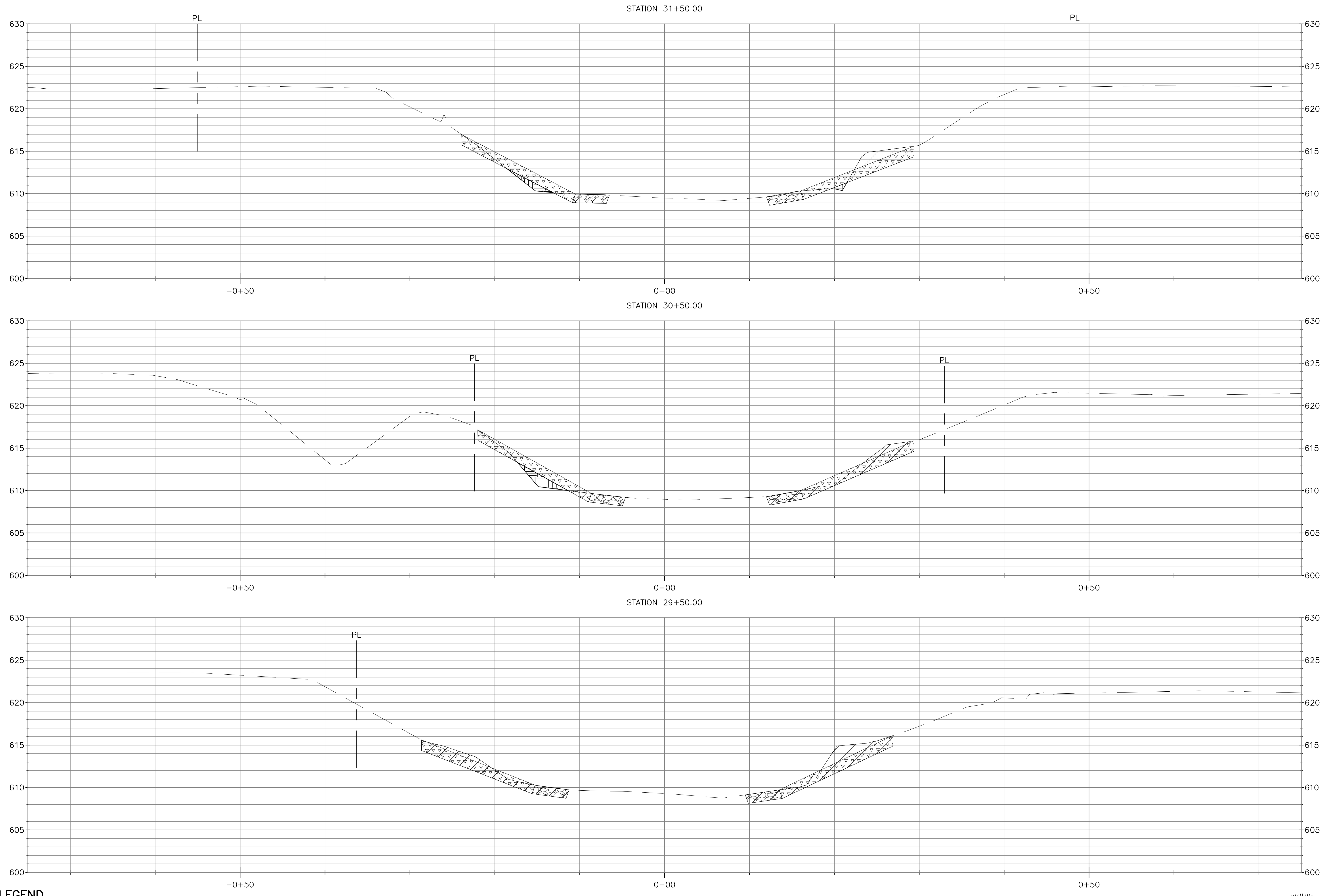
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ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
STA. 33+50 TO STA. 32+50

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CG-803
Page Number: 264

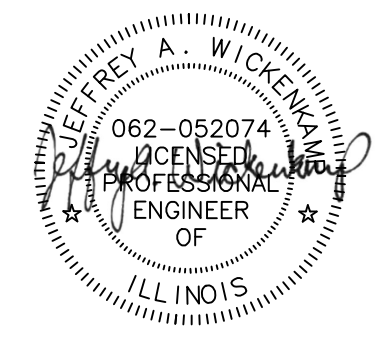
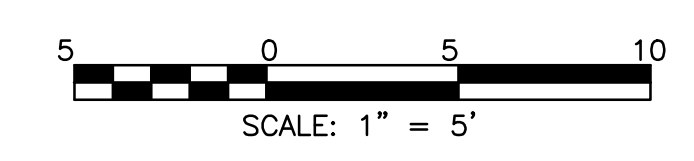
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
 FOR TYPICAL CHANNEL SECTIONS SEE SHEETS CG-301,
 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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Drawn by: KSS	Reviewed by: JAW	Date: 2022
Correct:		

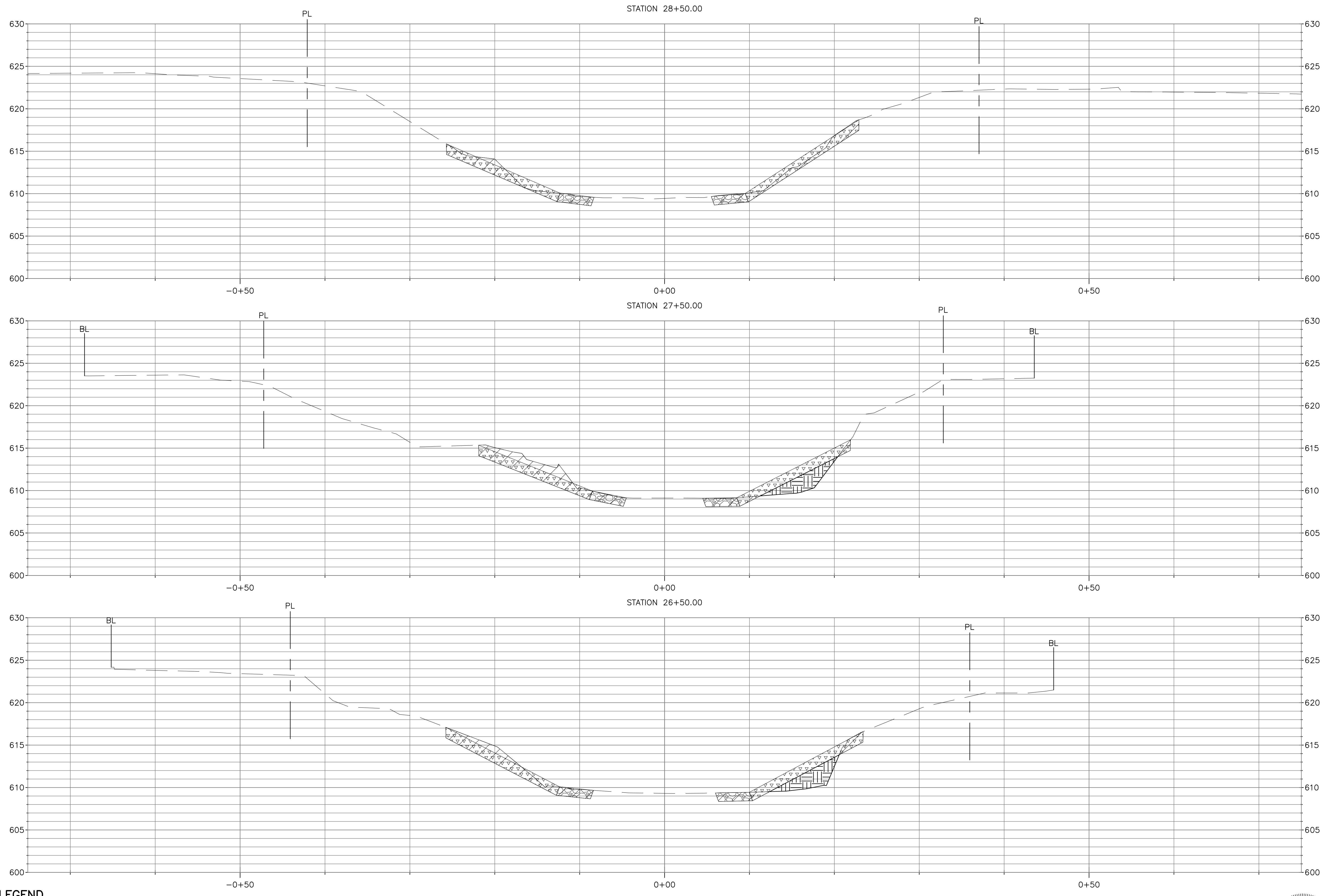
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 699-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 31+50 TO STA. 29+50

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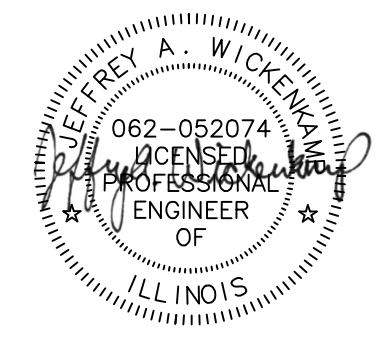
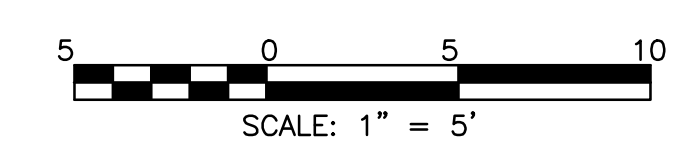
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
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 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
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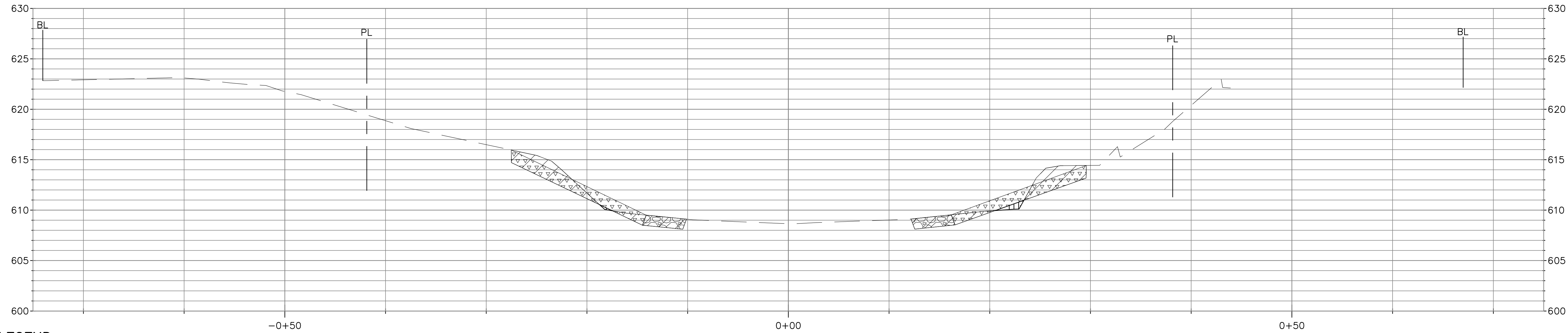
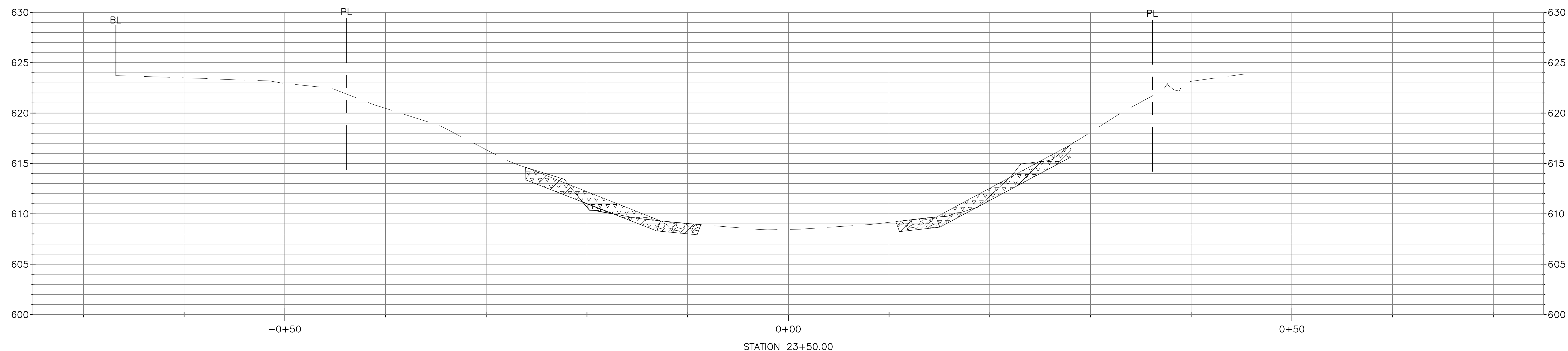
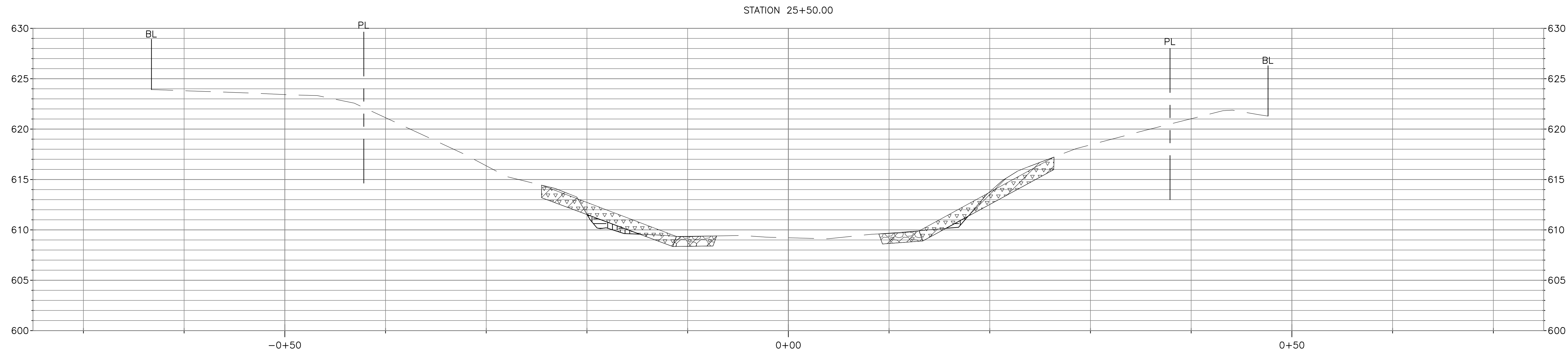
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Drawn by: KSS	Reviewed by: JAW	Date: 2022
Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 28+50 TO STA. 26+50

Sheet Number:
CG-805
 Page Number: 266

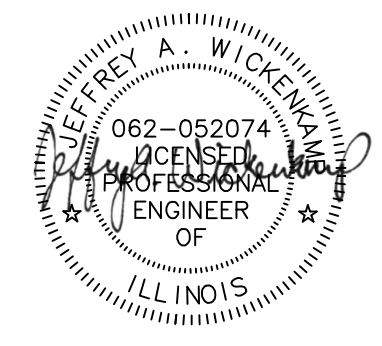
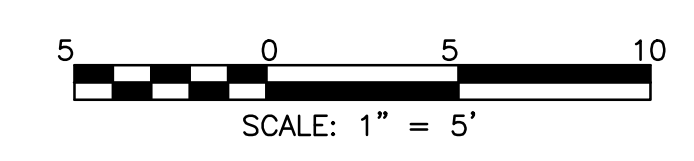
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
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 CG-302 AND CG-303.



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 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 699-9200
 CHICAGO@HEYASAC.COM
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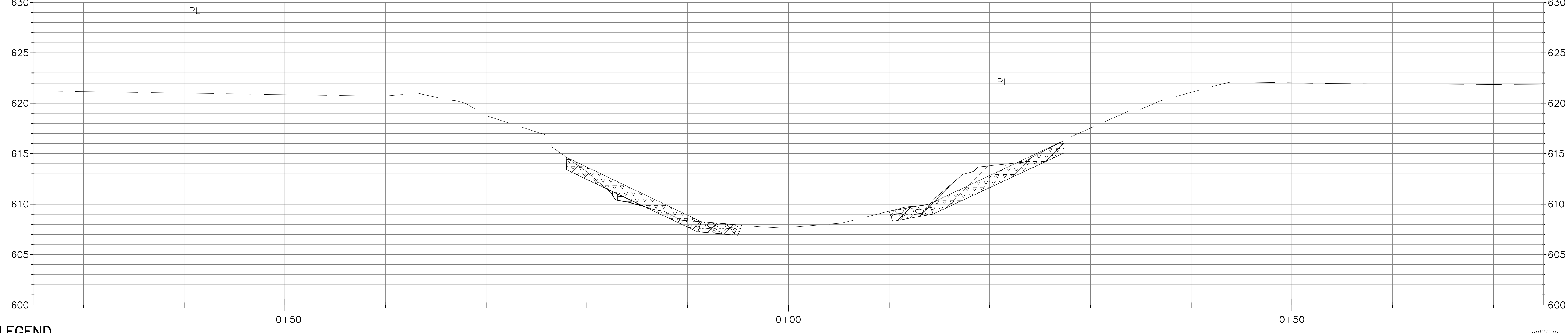
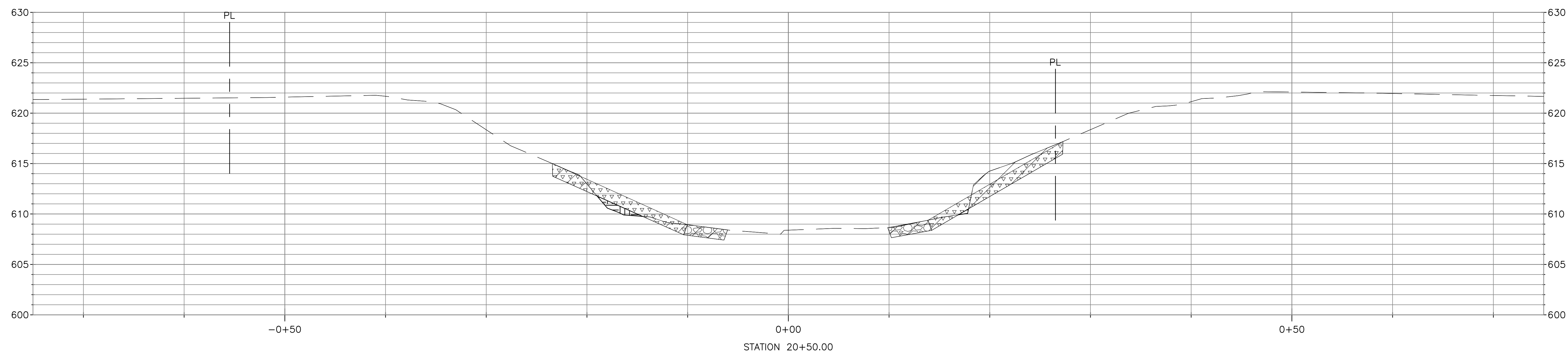
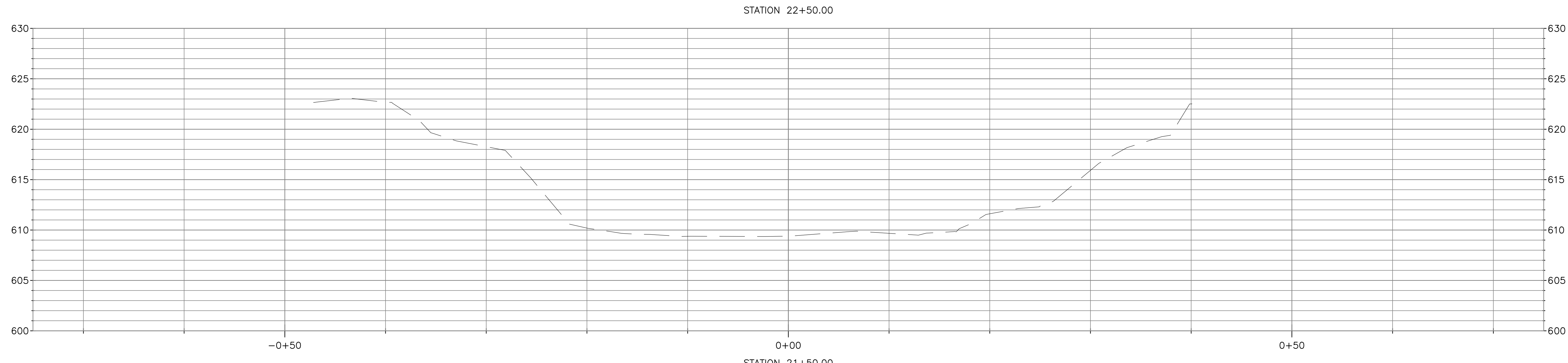
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 25+50 TO 23+50

Sheet Number:
CG-806
 Page Number: 267

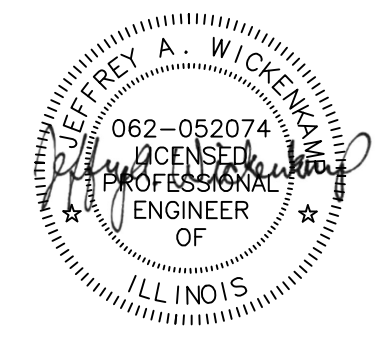
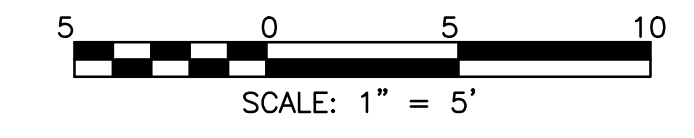
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
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 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
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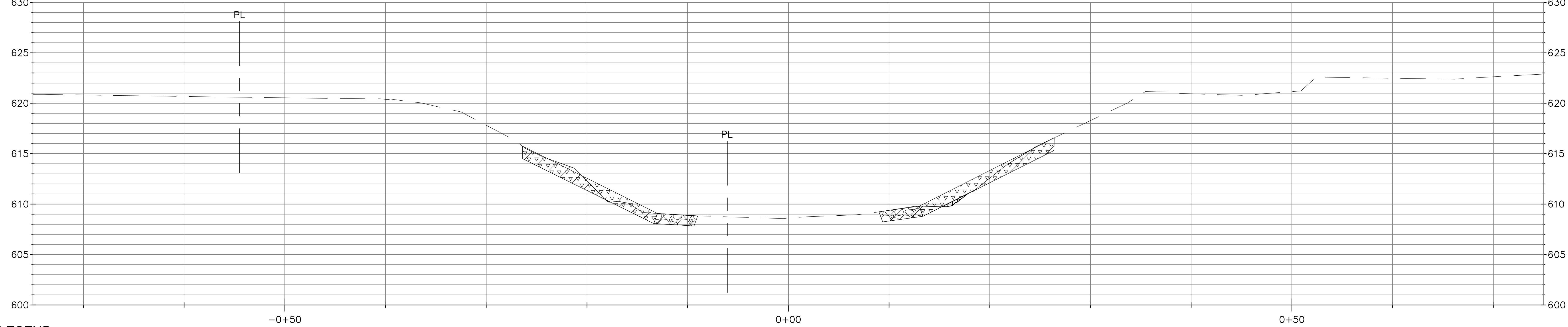
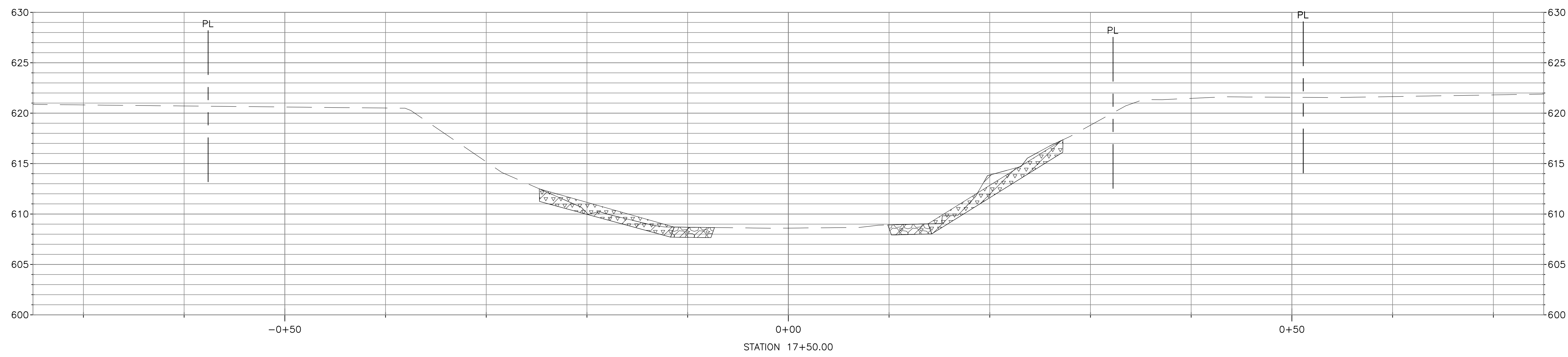
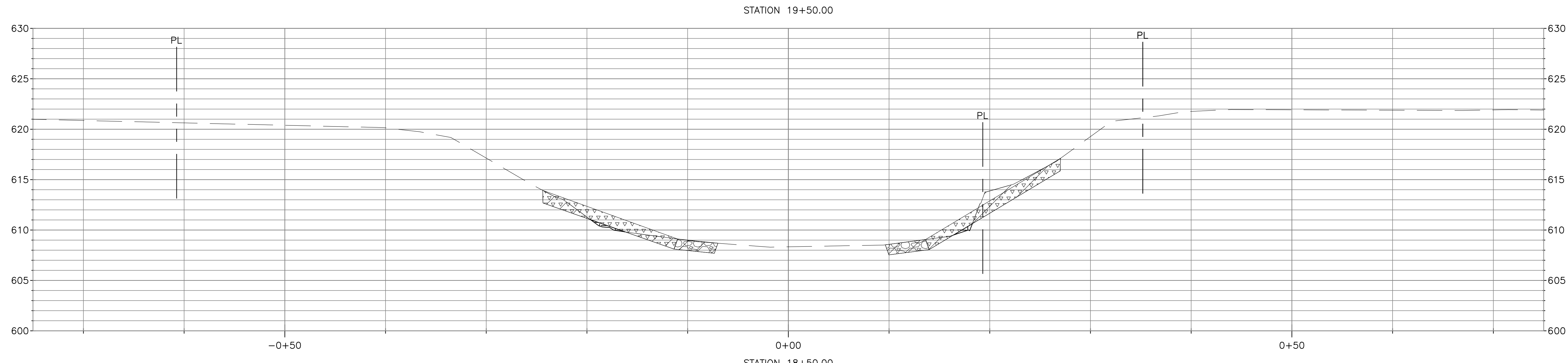
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 22+50 TO STA. 20+50

Sheet Number:
CG-807
 Page Number: 268

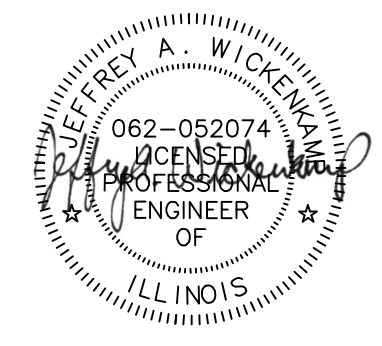
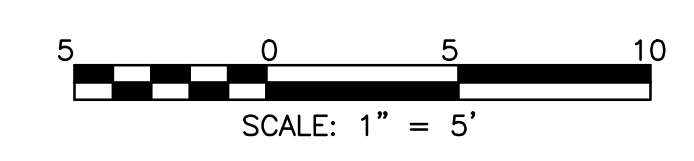
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LEGEND

	CUT		STONE RIPRAP		GRANULAR BACKFILL		GABION BASKET		BUILDING LINE (BL)
	FILL		SOLDIER PILE WALL		GABION MATTRESS		BOULDER TOE		PROPERTY LINE (PL)
	TOPSOIL		TYPE "B" GUTTER		BEDDING STONE				

NOTE:
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Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
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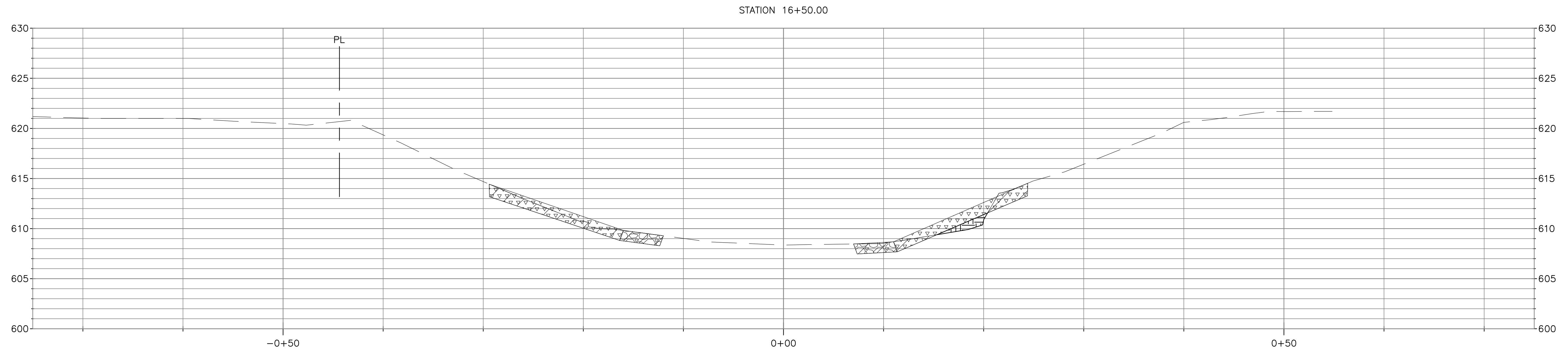
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 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-5200
 CHICAGO@HEYASAC.COM
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 19+50 TO STA. 17+50

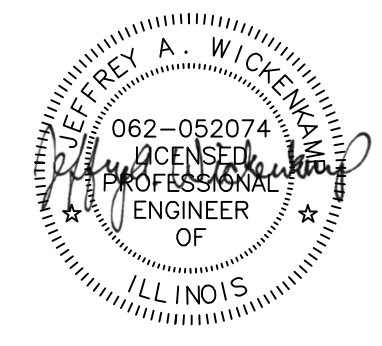
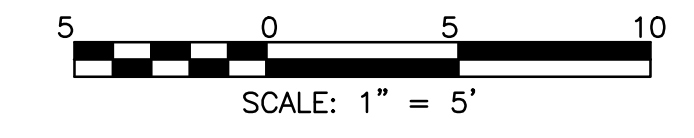
Sheet Number:
CG-808
 Page Number: 269



LEGEND

- | | | | | | | | | | |
|--|---------|--|-------------------|--|-------------------|--|---------------|--|--------------------|
| | CUT | | STONE RIPRAP | | GRANULAR BACKFILL | | GABION BASKET | | BUILDING LINE (BL) |
| | FILL | | SOLDIER PILE WALL | | GABION MATTRESS | | BOULDER TOE | | PROPERTY LINE (PL) |
| | TOPSOIL | | TYPE "B" GUTTER | | BEDDING STONE | | | | |

NOTE:
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 CG-302 AND CG-303.



Rev.	Description	Appr.	Date

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 CHICAGO, ILLINOIS 60631
 OFFICE: (773) 695-5200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18400229

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 ADDISON CREEK CHANNEL IMPROVEMENTS

CHANNEL CROSS SECTION - REACH 9
 STA. 16+50

Sheet Number:
CG-809
 Page Number: 270